

1. vMX RFC2544



Test Model: vMX RFC2544

Version: 8

Result: error

Date: March 3, 2019 2:13:58 AM GMT

Test Duration: 05:51:08.078

2. Revision History

Version	Run ID	Date	Author	Test Results
8	5,223	Mar 3, 2019 8:05:06 AM	merakidev	Test ended due to error
7	5,201	Mar 2, 2019 10:43:42 PM	merakidev	Test ended due to error
6	5,199	Mar 2, 2019 9:49:09 PM	merakidev	Test canceled
5	5,198	Mar 2, 2019 9:28:33 PM	merakidev	Test ended due to error
4	5,197	Mar 2, 2019 9:27:12 PM	merakidev	Test ended due to error
3	5,196	Mar 2, 2019 9:24:47 PM	merakidev	Test ended due to error
2	5,195	Mar 2, 2019 9:23:16 PM	merakidev	Test ended due to error
1	5,194	Mar 2, 2019 9:17:39 PM	merakidev	Test incomplete

3. Synopsis

3.1. Description

This test sends layer 2 traffic at various rates to find the highest frame rate at various frame sizes

3.2. Test Criteria

Component	Test Criteria
Overall	(BitBlaster1_0.rxFrames>=(BitBlaster1_0.txFrames*0.9999999999999999)) (BitBlaster1_0.rxFramesCorrupt<=(BitBlaster1_0.rxFrames*0.0)) (BitBlaster1_0.rxFramesWrongPort==0) (BitBlaster1_0.rxFramesDuplicate==0) (BitBlaster1_0.rxFrameDataRate>=(BitBlaster1_0.rateDist.min*0.9))

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12.1.11	Transmitted Frame Size
12.1.11.1	Transmitted Frame Size: 1
12.1.11.2	Transmitted Frame Size: 2
12.1.12	Received Frame Size
12.1.12.1	Received Frame Size: 1
12.1.12.2	Received Frame Size: 2
12.2	Aggregate Stats
12.2.1	Component Description
12.2.2	System Resource Usage
12.2.3	Ethernet Summary

Section ID	Section Name
12.2.4	Ethernet Frames
12.2.4.1	Ethernet Frames: 1
12.2.4.2	Ethernet Frames: 2
12.2.5	Ethernet Frame Rates
12.2.5.1	Ethernet Frame Rates: 1
12.2.5.2	Ethernet Frame Rates: 2
12.2.6	Ethernet Data
12.2.6.1	Ethernet Data: 1
12.2.6.2	Ethernet Data: 2
12.2.7	Ethernet Data Rates
12.2.7.1	Ethernet Data Rates: 1
12.2.7.2	Ethernet Data Rates: 2
12.2.8	Ethernet Errors
12.2.8.1	Ethernet Errors: 1
12.2.8.2	Ethernet Errors: 2
12.2.9	Concurrent Flows
12.2.10	Flow Rates
12.2.11	Gateway Status
12.2.11.1	Gateway Status: 1
12.2.11.2	Gateway Status: 2
12.2.12	ARP
12.2.12.1	ARP: 1
12.2.12.2	ARP: 2
12.2.13	ARP Summary
12.2.14	Router
12.2.14.1	Router: 2
12.2.15	Router Summary
12.2.16	Slot 1 NP np1-0 statistics
12.2.16.1	Component Description
12.2.16.2	System Resource Usage
12.2.16.3	Ethernet Summary
12.2.16.4	Ethernet Frames
12.2.16.4.1	Ethernet Frames: 1
12.2.16.4.2	Ethernet Frames: 2
12.2.16.5	Ethernet Frame Rates
12.2.16.5.1	Ethernet Frame Rates: 1
12.2.16.5.2	Ethernet Frame Rates: 2
12.2.16.6	Ethernet Data
12.2.16.6.1	Ethernet Data: 1
12.2.16.6.2	Ethernet Data: 2
12.2.16.7	Ethernet Data Rates
12.2.16.7.1	Ethernet Data Rates: 1
12.2.16.7.2	Ethernet Data Rates: 2
12.2.16.8	Ethernet Errors
12.2.16.8.1	Ethernet Errors: 1
12.2.16.8.2	Ethernet Errors: 2
12.2.16.9	Concurrent Flows
12.2.16.10	Flow Rates
12.2.16.11	Gateway Status
12.2.16.11.1	Gateway Status: 1
12.2.16.11.2	Gateway Status: 2
12.2.16.12	ARP
12.2.16.12.1	ARP: 1
12.2.16.12.2	ARP: 2
12.2.16.13	ARP Summary
12.2.16.14	Router
12.2.16.14.1	Router: 2
12.2.16.15	Router Summary
12.2.17	System Controller 0 statistics
12.2.17.1	Component Description
12.2.17.2	System Resource Usage

5. Test Environment

5.1. Settings

Parameter	Value
Seed override	no override
Data rate reporting type	layer1 (includes IPG)
Mode	binary
Rate lower limit	1
Rate upper limit	100
Resolution	10
Acceptable Frame Loss	1.0E-13%
Allowed Corrupted Frames	0%
Maximum Test Speed	500 Meg total
Frame Size(s)	steps: 1415, 1280, 1024, 512, 256, 128, 64
Test Duration	60 seconds per iteration
Packet Type	UDP
Payload Type	0
Payload Width	8
Is Bidirectional	false
Enable Slow Start	true
Max Streams	64
Try Highest Rate first	true

5.2. Interfaces

Number	Auto	Speed	Slot	Serial #	Slot HW	OpMode	Port	Capture Enabled	Snap Length	Note
1	true	10000Mb full	1	535824	PerfectStor m 10GE8NG	L2/3	0	true	NA	
2	true	10000Mb full	1	535824	PerfectStor m 10GE8NG	L2/3	1	true	NA	

5.3. Impairments

Interface	Rate	Corrupt IP checksum	Corrupt (257- END)	Corrupted (65-256)	Corrupted (1-64)	Corrupt (random)	Drop	Fragment
-----------	------	---------------------	-----------------------	--------------------	------------------	------------------	------	----------

5.4. Packet Filtering

Interface	Filter criteria
-----------	-----------------

5.5. Test Components

The test utilizes traffic from the set of components described below.

Type	Description
------	-------------

5.6. Test Device

When	Version	Build Number	Strike Build Number
At the time the test ran.	8.40.16.19	321819	348957
At the time the report was created.	8.40.16.19	321819	348957

5.7. Device Under Test Profile

The test utilizes traffic from the set of components described below.

5.7.1. Device Settings

Setting	Value
Name	BreakingPoint Default
Category	Generic

5.7.2. Commands

When to execute	Command
-----------------	---------

5.7.3. Connection Settings

Setting	Value
Type	serial
Flow Control	none
Speed	38,400
Parity	n
Data Bits	8
Stop Bits	1

5.8. Network Neighborhood

5.8.1. vMX - Dual Core Performance Testing

5.8.1.1. Interface : Client LAN

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Client LAN	1	1,500	true	02:1a:c5:01: 00:00	false	outer_vlan	false		

Packet Filter

5.8.1.2. Interface : Server LAN (ISP1)

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Server LAN (ISP1)	2	1,500	true	02:1a:c5:02: 00:00	false	outer_vlan	false		

Packet Filter

5.8.1.3. VLAN

Virtual Interface

ID	Container	Inner VLAN ID	Outer VLAN ID	Tag Protocol Identifier	MTU	MAC Address	Duplicate MAC Address	Description
Client VLAN	Client LAN	151		0x8100	1,500	02:1a:c5:03:00 :00	false	

ID	Container	Inner VLAN ID	Outer VLAN ID	Tag Protocol Identifier	MTU	MAC Address	Duplicate MAC Address	Description
Server VLAN	Server LAN (ISP1)	201		0x8100	1,500	02:1a:c5:04:00:00	false	

5.8.1.4. IPv4 Static Hosts : Static Hosts i1_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i1_default	Client LAN	[Lab Client, i1_default]	192.168.1.1	10,000	192.168.0.1	16		8	

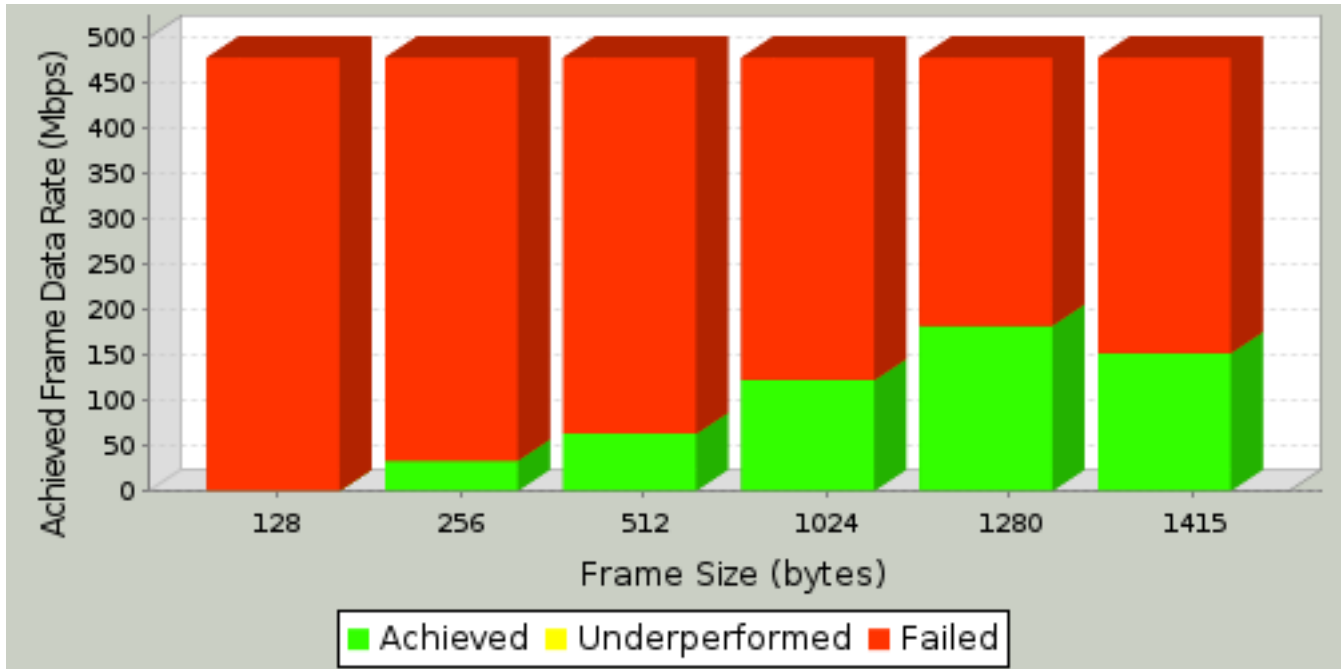
Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	true	false	random_ip

5.8.1.5. IPv4 Static Hosts : Static Hosts i2_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i2_default	Server LAN (ISP1)	[Lab Server, i2_default]	10.201.0.2	250	10.201.0.254	16		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	true	false	random_ip

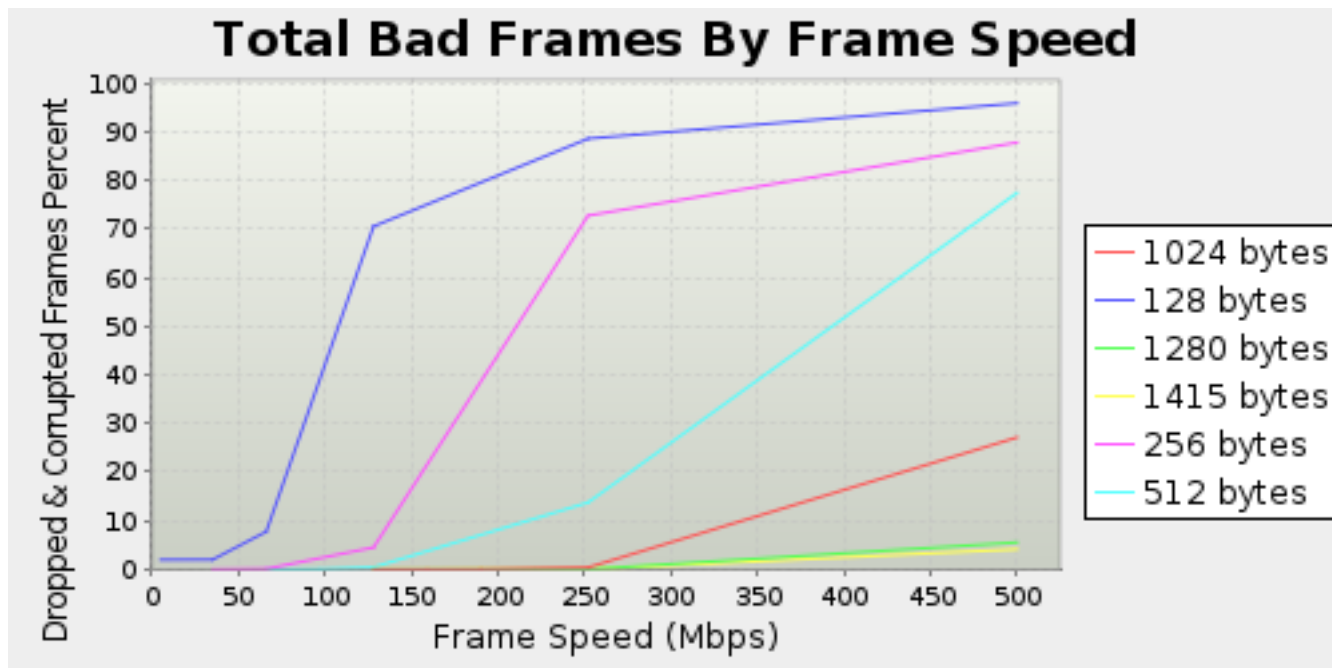
6. Test Summary Results



Frame Size	Attempted Frame Data Rate	Achieved Frame Data Rate	Result	Minimum	Maximum	Average us	Transmitted	Dropped	Drop %	Corrupted	Corrupt %
Bytes	Mbps	Mbps		Latency in us			Frames				
1415	500	490	failed	197.64	46,552.42	1,841.594	2,613,240	107,847	4.127%	0	0.000%
1415	252	252	failed	116.19	32,142.43	474.417	1,317,060	161	0.012%	0	0.000%
1415	128	128	achieved	109.75	11,585.64	296.871	668,940	0	0.000%	0	0.000%
1415	190	191	failed	119.29	68,103.26	505.244	993,000	632	0.064%	0	0.000%
1415	159	159	achieved	110.08	10,871.74	296.612	831,000	0	0.000%	0	0.000%
1280	500	486	failed	220.38	45,913.82	2,143.589	2,884,560	159,518	5.530%	0	0.000%
1280	252	252	failed	115.78	24,500.57	482.492	1,453,800	288	0.020%	0	0.000%
1280	128	128	achieved	111.19	10,487.88	299.644	738,420	0	0.000%	0	0.000%
1280	190	191	achieved	95.81	14,478.68	327.897	1,096,140	0	0.000%	0	0.000%
1280	221	221	failed	104.98	29,183.41	474.773	1,275,000	157	0.012%	0	0.000%
1024	500	376	failed	2,488.65	58,214.33	8,440.471	3,591,900	974,643	27.134%	0	0.000%
1024	252	254	failed	138.53	37,616.93	1,040.035	1,810,320	6,916	0.382%	0	0.000%
1024	128	128	achieved	102.21	11,741.34	288.560	919,500	0	0.000%	0	0.000%
1024	190	191	failed	100.07	28,990.55	514.541	1,364,940	532	0.039%	0	0.000%
1024	159	160	failed	87.71	22,739.36	303.042	1,142,220	26	0.002%	0	0.000%
512	500	118	failed	9,548.37	86,556.15	23,732.705	7,048,860	5,459,295	77.449%	0	0.000%
512	252	225	failed	2,325.13	137,188.19	6,887.601	3,552,600	488,113	13.740%	0	0.000%
512	128	0	failed	94.16	61,167.17	849.026	1,804,500	7,689	0.426%	0	0.000%
512	66	66	achieved	89.83	13,551.75	314.864	930,420	0	0.000%	0	0.000%

Frame Size	Attempted Frame Data Rate	Achieved Frame Data Rate	Result	Minimum	Maximum	Average us	Transmitted	Dropped	Drop %	Corrupted	Corrupt %
<i>Bytes</i>	<i>Mbps</i>			<i>Latency in us</i>			<i>Frames</i>				
512	97	97	failed	82.29	39,676.39	599.161	1,367,460	468	0.034%	0	0.000%
256	500	86	failed	18,940.87	154,882.83	58,148.887	13,586,940	11,928,940	87.797%	0	0.000%
256	252	83	failed	9,138.29	125,386.28	30,657.906	6,847,800	4,981,876	72.751%	0	0.000%
256	128	125	failed	162.7	38,964.04	1,615.712	3,478,260	156,350	4.495%	0	0.000%
256	66	66	failed	79.66	47,591.83	565.795	1,793,460	1,856	0.103%	0	0.000%
256	35	35	achieved	89.33	25,646.42	454.682	951,060	0	0.000%	0	0.000%
128	500	40	failed	18,693.34	176,483.93	63,605.133	25,337,820	24,292,720	95.875%	0	0.000%
128	252	31	failed	18,311.88	135,075.95	54,850.707	12,770,220	11,312,866	88.588%	0	0.000%
128	128	39	failed	4,004.77	78,596.14	19,280.494	6,486,480	4,575,267	70.535%	0	0.000%
128	66	62	failed	173.32	52,242.05	1,959.472	3,344,580	259,303	7.753%	0	0.000%
128	35	34	failed	82.82	24,987.3	465.414	1,773,600	35,295	1.990%	0	0.000%
128	5	4	failed	96.49	11,393.16	253.708	253,320	4,963	1.959%	0	0.000%

6.1. Bad Frames Summary



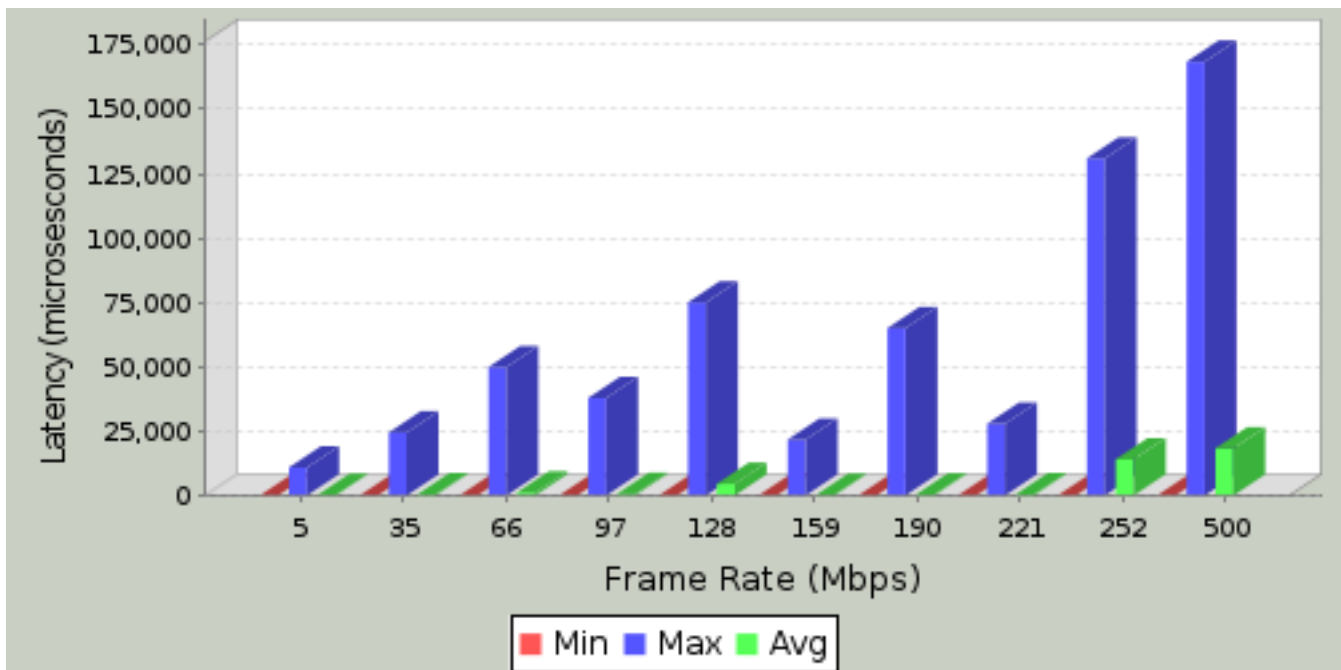
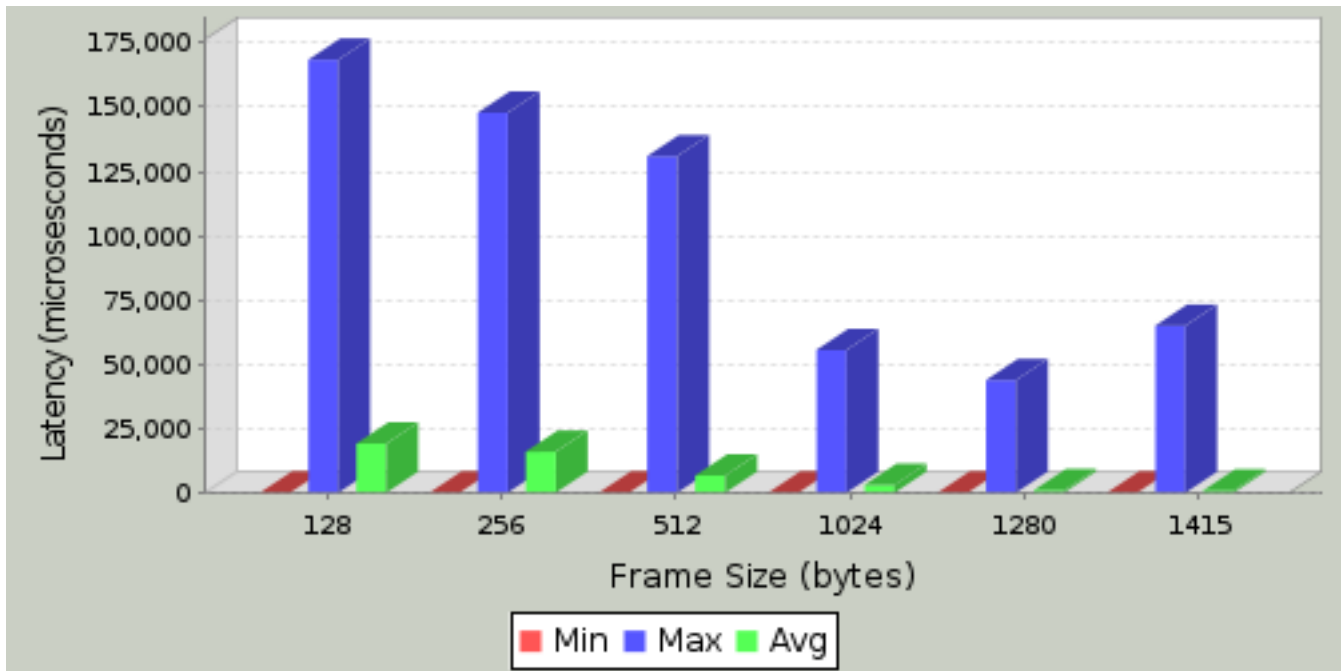
Maximum Allowed Dropped Packets Before Test Failure : 1.0E-13%

Maximum Allowed Corrupted Packets Before Test Failure : 0%

Frame Size	Attempted Frame Data Rate	Transmitted	Received	Dropped	Drop %	Corrupted	Corrupt %	Total Bad %
Bytes	Mbps	Frames						
1415	500	2,613,240	2,505,393	107,847	4.127%	0	0	4.127%
1415	252	1,317,060	1,316,899	161	0.012%	0	0	0.012%
1415	128	668,940	668,940	0	0	0	0	0
1415	190	993,000	992,368	632	0.064%	0	0	0.064%
1415	159	831,000	831,000	0	0	0	0	0
1280	500	2,884,560	2,725,042	159,518	5.530%	0	0	5.530%
1280	252	1,453,800	1,453,512	288	0.020%	0	0	0.020%
1280	128	738,420	738,420	0	0	0	0	0
1280	190	1,096,140	1,096,140	0	0	0	0	0
1280	221	1,275,000	1,274,843	157	0.012%	0	0	0.012%
1024	500	3,591,900	2,617,257	974,643	27.134%	0	0	27.134%
1024	252	1,810,320	1,803,404	6,916	0.382%	0	0	0.382%
1024	128	919,500	919,500	0	0	0	0	0
1024	190	1,364,940	1,364,408	532	0.039%	0	0	0.039%
1024	159	1,142,220	1,142,194	26	0.002%	0	0	0.002%
512	500	7,048,860	1,589,565	5,459,295	77.449%	0	0	77.449%
512	252	3,552,600	3,064,487	488,113	13.740%	0	0	13.740%
512	128	1,804,500	1,796,811	7,689	0.426%	0	0	0.426%
512	66	930,420	930,420	0	0	0	0	0
512	97	1,367,460	1,366,992	468	0.034%	0	0	0.034%
256	500	13,586,940	1,658,000	11,928,940	87.797%	0	0	87.797%
256	252	6,847,800	1,865,924	4,981,876	72.751%	0	0	72.751%
256	128	3,478,260	3,321,910	156,350	4.495%	0	0	4.495%
256	66	1,793,460	1,791,604	1,856	0.103%	0	0	0.103%
256	35	951,060	951,060	0	0	0	0	0

Frame Size	Attempted Frame Data Rate	Transmitted	Received	Dropped	Drop %	Corrupted	Corrupt %	Total Bad %
<i>Bytes</i>	<i>Mbps</i>	<i>Frames</i>						
128	500	25,337,820	1,045,100	24,292,720	95.875%	0	0	95.875%
128	252	12,770,220	1,457,354	11,312,866	88.588%	0	0	88.588%
128	128	6,486,480	1,911,213	4,575,267	70.535%	0	0	70.535%
128	66	3,344,580	3,085,277	259,303	7.753%	0	0	7.753%
128	35	1,773,600	1,738,305	35,295	1.990%	0	0	1.990%
128	5	253,320	248,357	4,963	1.959%	0	0	1.959%

6.2. Latency Summary



Frame Size	Frame Rate	Minimum	Maximum	Average
<i>Bytes</i>	<i>Mbps</i>	<i>microseconds</i>		
1415	500	197.64	46,552.42	1,841.594
1415	252	116.19	32,142.43	474.417
1415	128	109.75	11,585.64	296.871
1415	190	119.29	68,103.26	505.244
1415	159	110.08	10,871.74	296.612
1280	500	220.38	45,913.82	2,143.589
1280	252	115.78	24,500.57	482.492
1280	128	111.19	10,487.88	299.644
1280	190	95.81	14,478.68	327.897
1280	221	104.98	29,183.41	474.773
1024	500	2,488.65	58,214.33	8,440.471
1024	252	138.53	37,616.93	1,040.035
1024	128	102.21	11,741.34	288.560
1024	190	100.07	28,990.55	514.541

Frame Size	Frame Rate	Minimum	Maximum	Average
<i>Bytes</i>	<i>Mbps</i>	<i>microseconds</i>		
1024	159	87.71	22,739.36	303.042
512	500	9,548.37	86,556.15	23,732.705
512	252	2,325.13	137,188.19	6,887.601
512	128	94.16	61,167.17	849.026
512	66	89.83	13,551.75	314.864
512	97	82.29	39,676.39	599.161
256	500	18,940.87	154,882.83	58,148.887
256	252	9,138.29	125,386.28	30,657.906
256	128	162.7	38,964.04	1,615.712
256	66	79.66	47,591.83	565.795
256	35	89.33	25,646.42	454.682
128	500	18,693.34	176,483.9	63,605.133
128	252	18,311.88	135,075.95	54,850.707
128	128	4,004.77	78,596.14	19,280.494
128	66	173.32	52,242.05	1,959.472
128	35	82.82	24,987.3	465.414
128	5	96.49	11,393.16	253.708

7. Frame Rate: 1415

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	490 Mbps	failed
252 Mbps	252 Mbps	failed
128 Mbps	128 Mbps	Achieved
190 Mbps	191 Mbps	failed
159 Mbps	159 Mbps	Achieved

Result
The device failed at a frame data rate of 500 Megabits/s

Failed Criteria

7.1. Test Results for Bit Blaster

7.1.1. Component Description

Component: Bit Blaster

This component sends valid layer 2 ethernet frames with contrived content.

Component	Resource Used
Bit Blaster	np1-0, np1-0, np1-0, np1-0, np1-0

7.1.2. Test Component Criteria

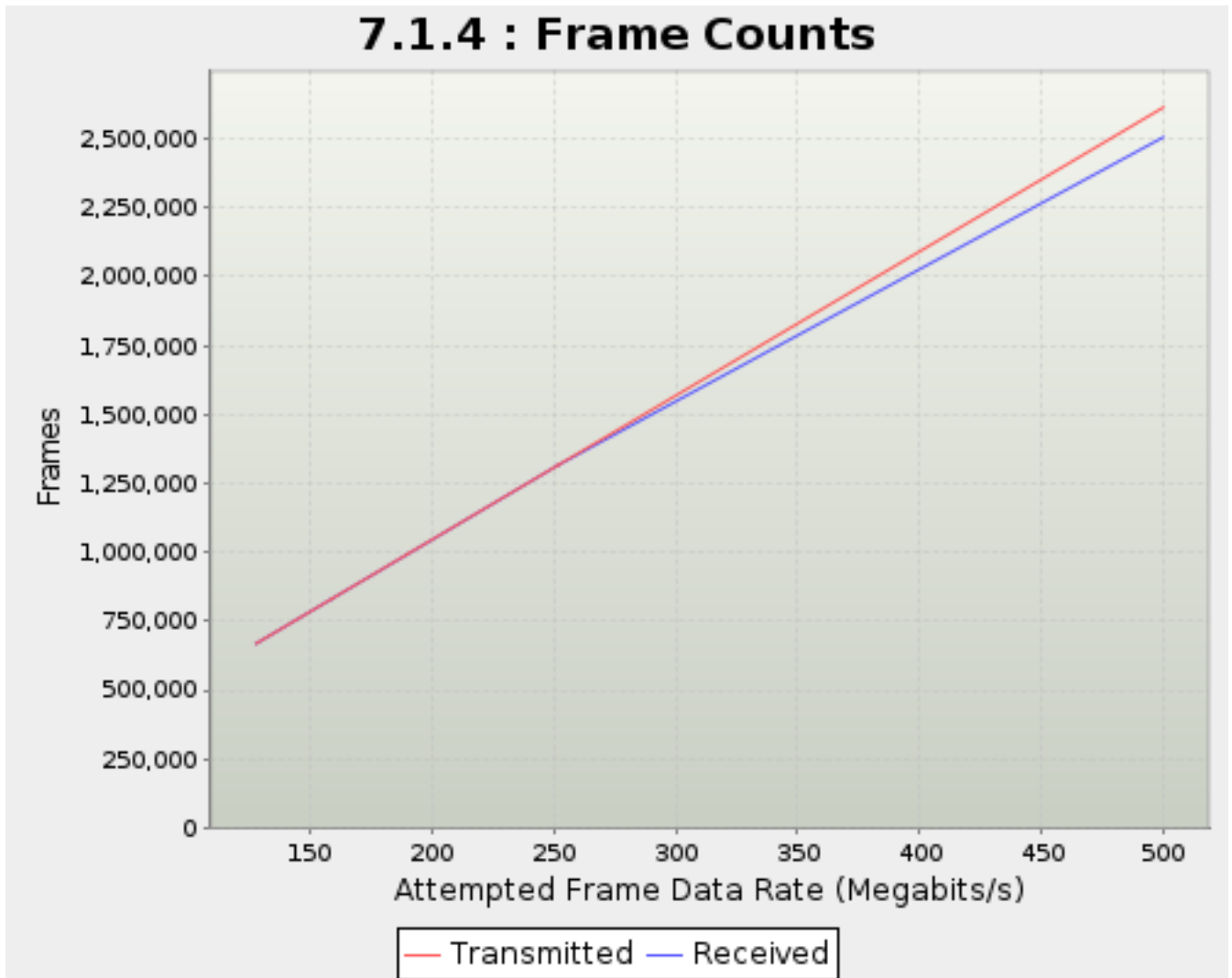
Number	Description
1	No predefined test criteria.

7.1.3. Traffic Appearance

Traffic was addressed as defined in the "vMX - Dual Core Performance Testing" network neighborhood.

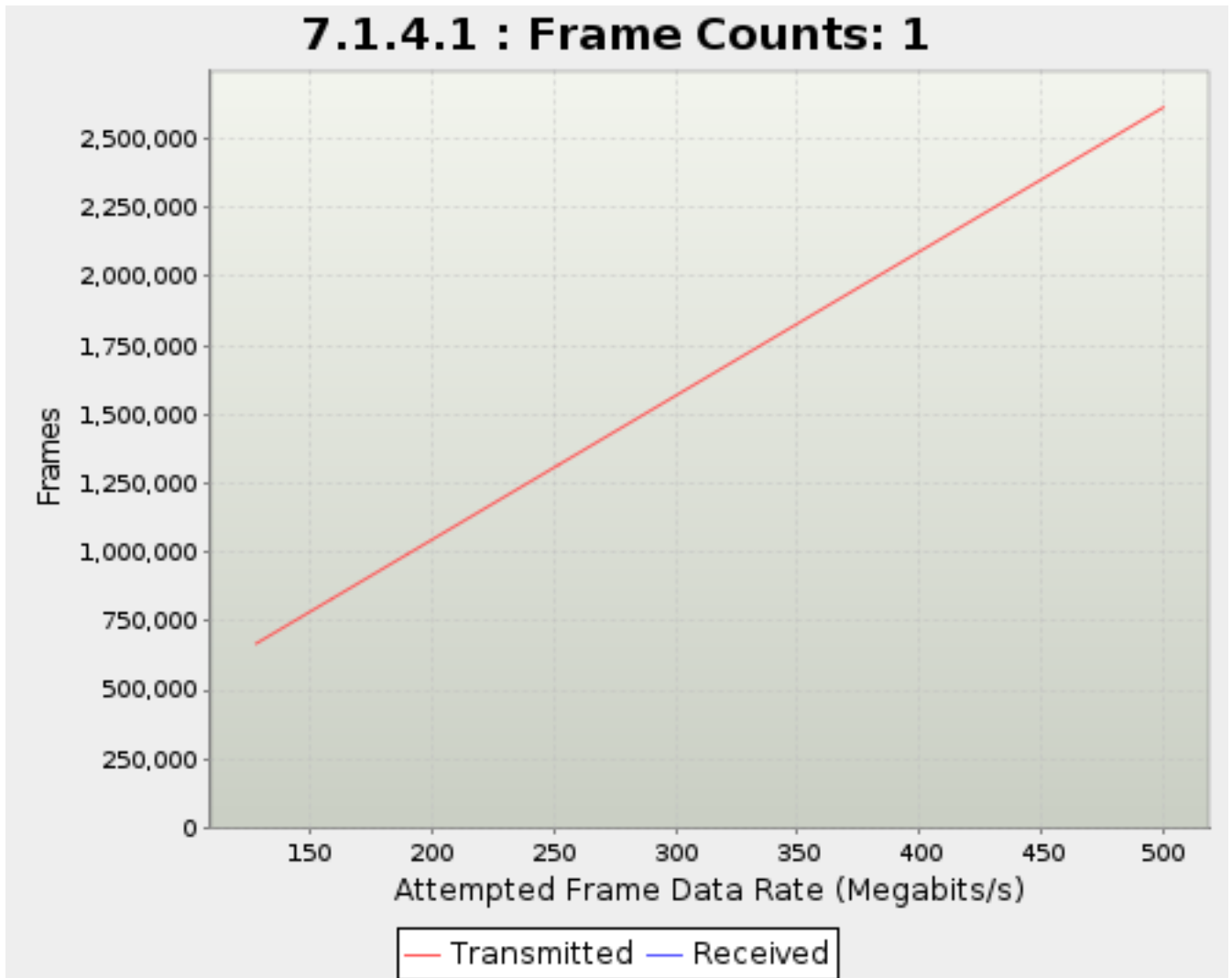
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

7.1.4. Frame Counts



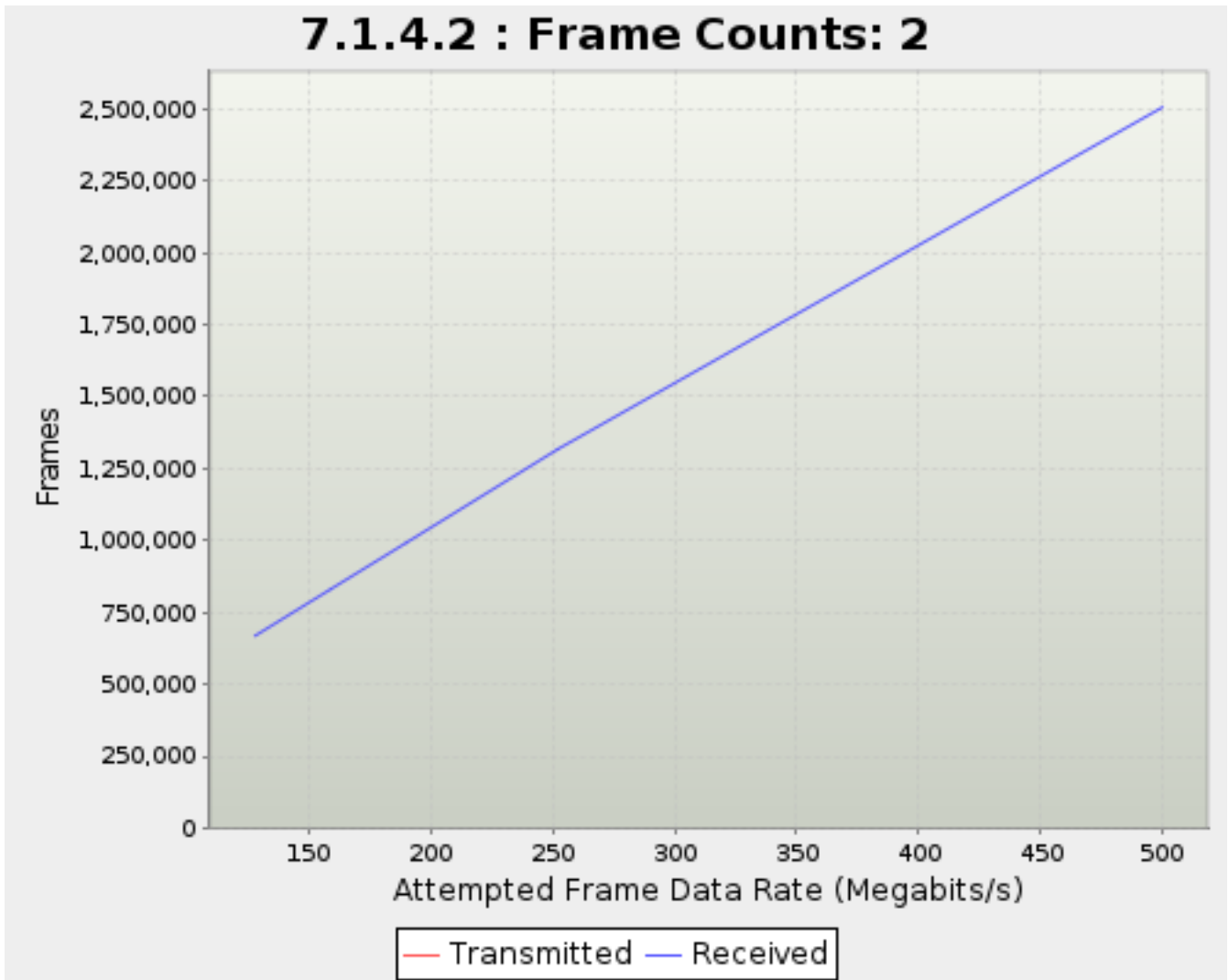
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	62.718	668,940	668,940
159	62.254	831,000	831,000
190	62.285	993,000	992,368
252	63.887	1,317,060	1,316,899
500	63.051	2,613,240	2,505,393

7.1.4.1. Frame Counts: 1



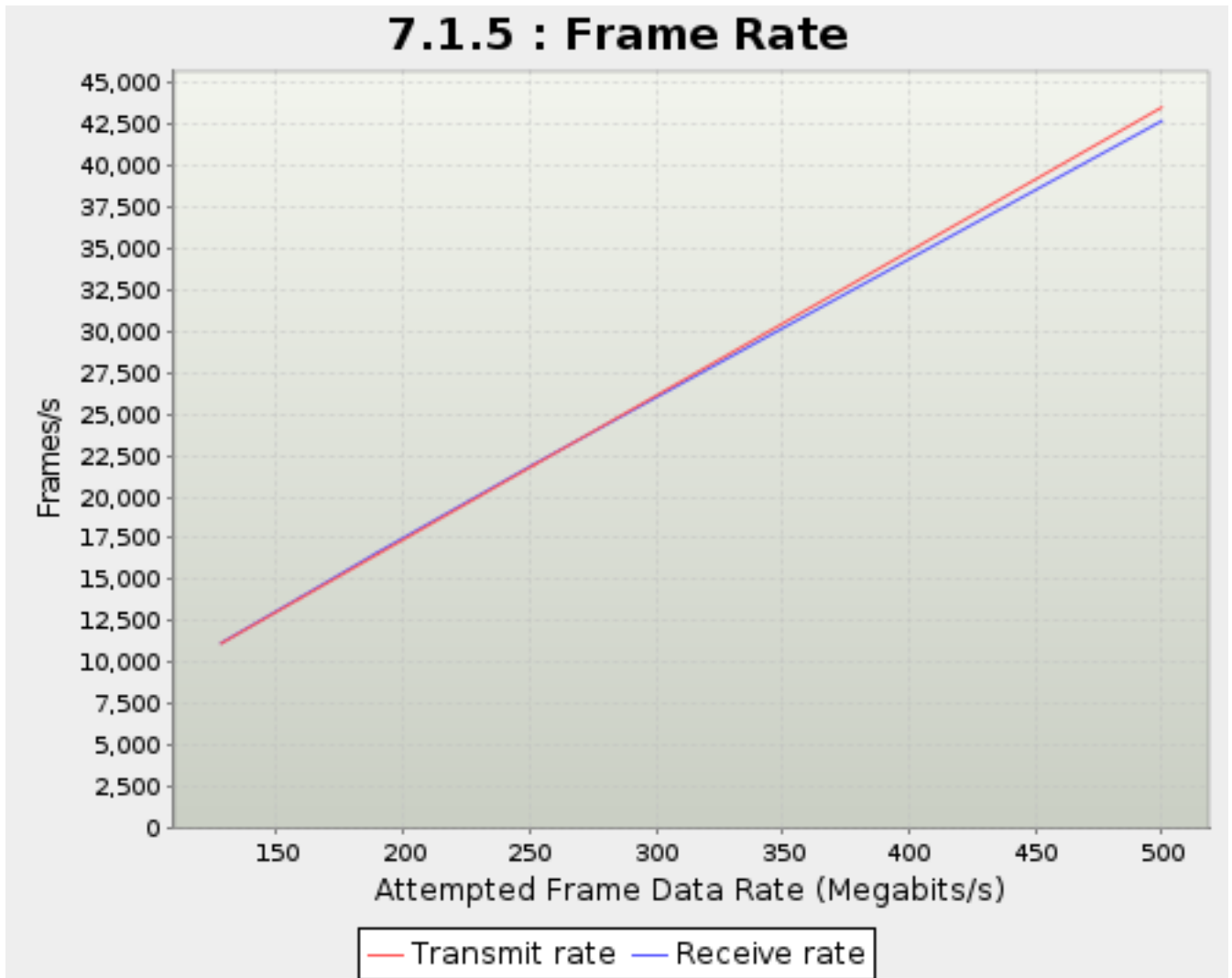
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	62.718	668,940	0
159	62.254	831,000	0
190	62.285	993,000	0
252	63.887	1,317,060	0
500	63.051	2,613,240	0

7.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	62.718	0	668,940
159	62.254	0	831,000
190	62.285	0	992,368
252	63.887	0	1,316,899
500	63.051	0	2,505,393

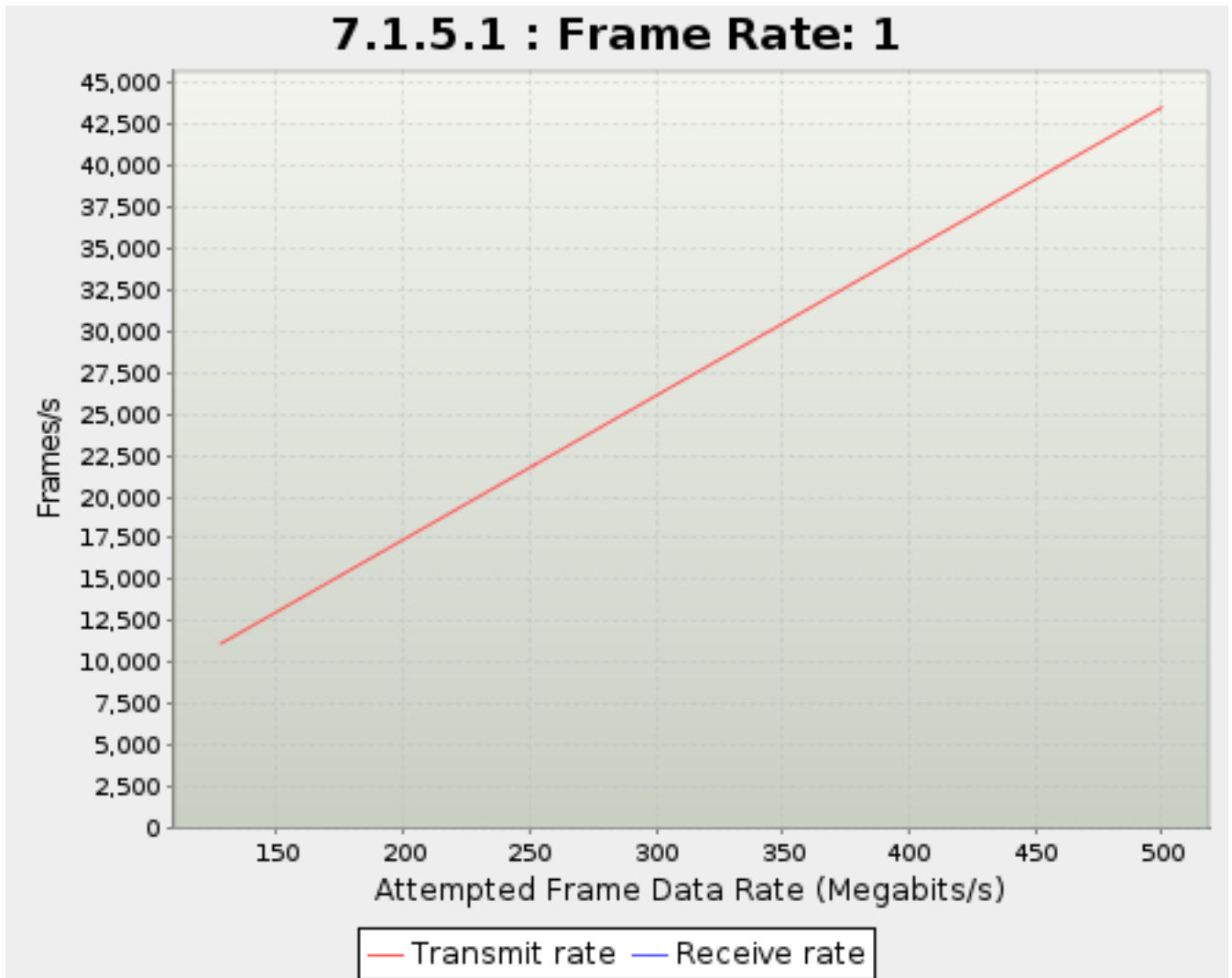
7.1.5. Frame Rate



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	62.718	~11150	~11180
159	62.254	~13850	~13910
190	62.285	~16550	~16670
252	63.887	~21950	~22010
500	63.051	~43550	~42730

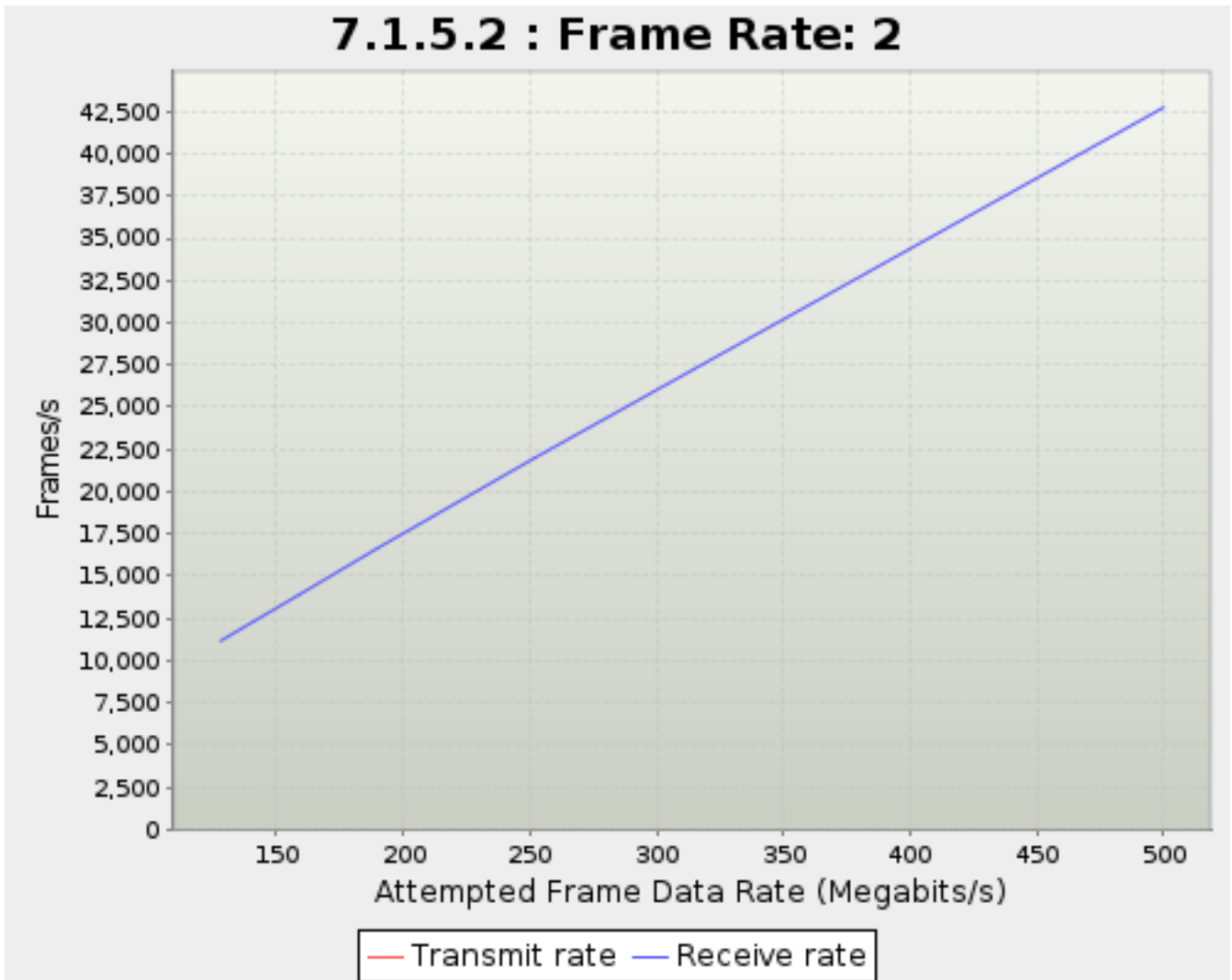
7.1.5.1. Frame Rate: 1



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	62.718	~11150	0.00
159	62.254	~13850	0.00
190	62.285	~16550	0.00
252	63.887	~21950	0.00
500	63.051	~43550	0.00

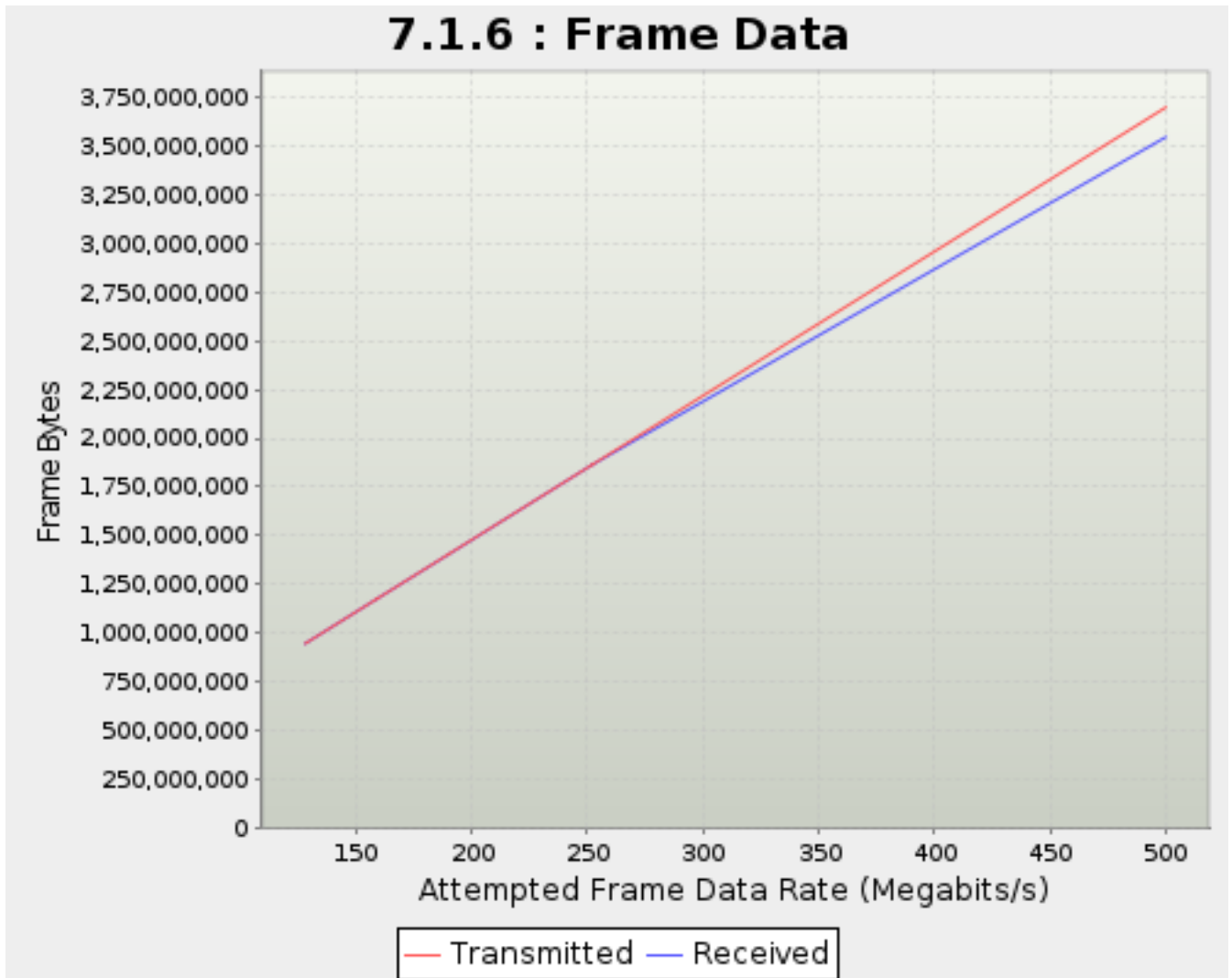
7.1.5.2. Frame Rate: 2



Rates can vary due to round-off errors in calculations.

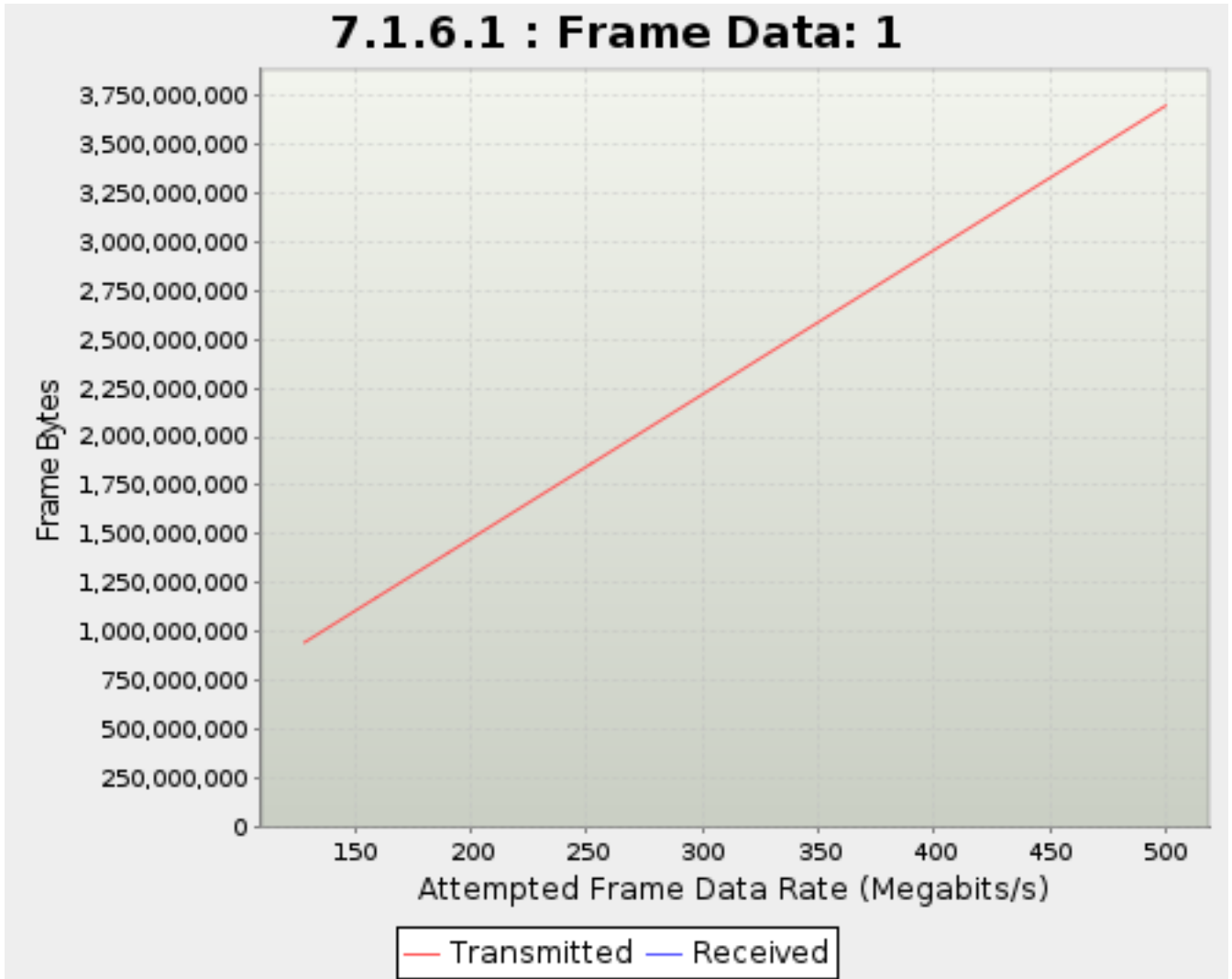
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	62.718	0.00	~11180
159	62.254	0.00	~13910
190	62.285	0.00	~16670
252	63.887	0.00	~22010
500	63.051	0.00	~42730

7.1.6. Frame Data



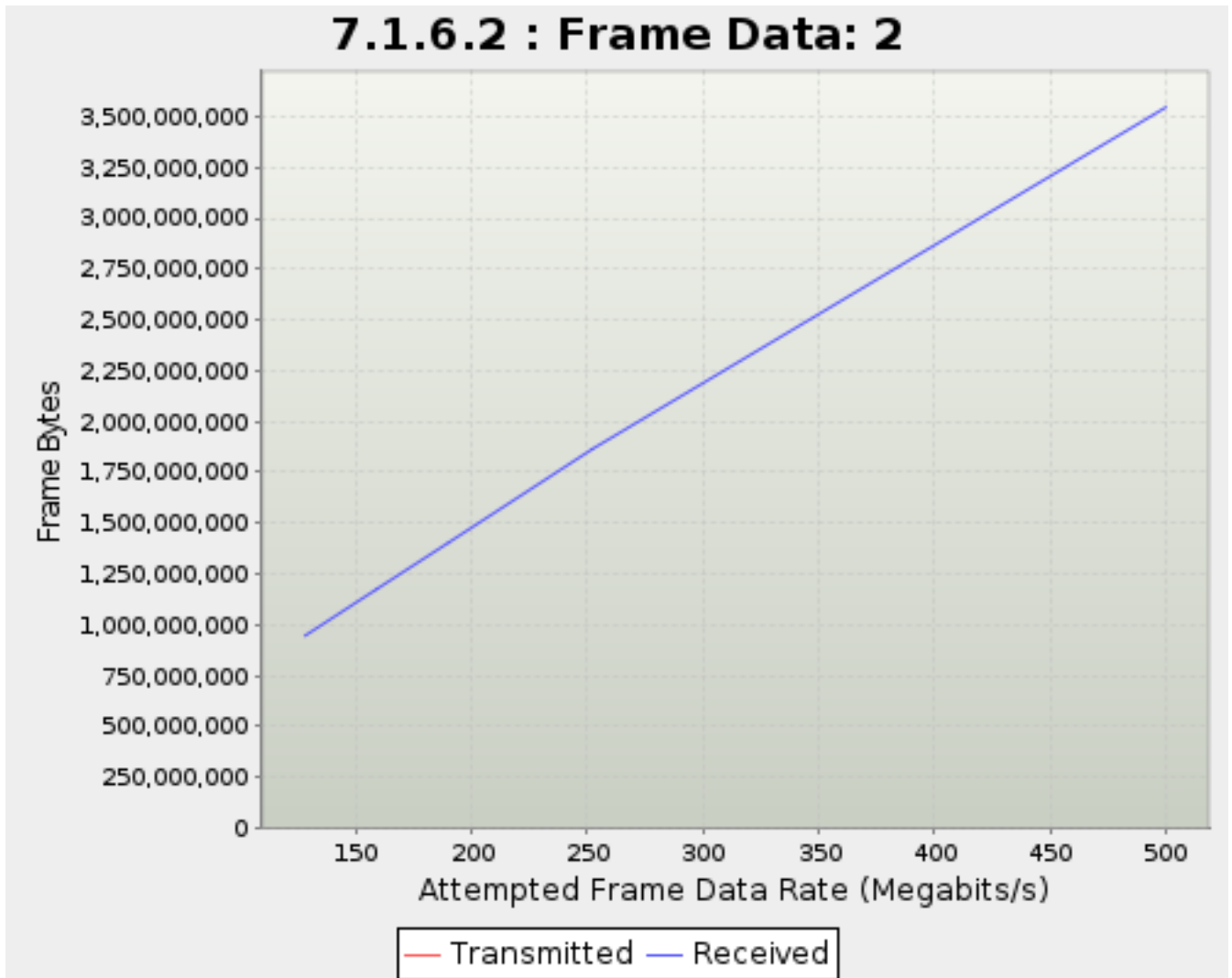
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	62.718	946,550,100	946,550,100
159	62.254	1,175,865,000	1,175,865,000
190	62.285	1,405,095,000	1,404,200,720
252	63.887	1,863,639,900	1,863,412,085
500	63.051	3,697,734,600	3,545,131,095

7.1.6.1. Frame Data: 1



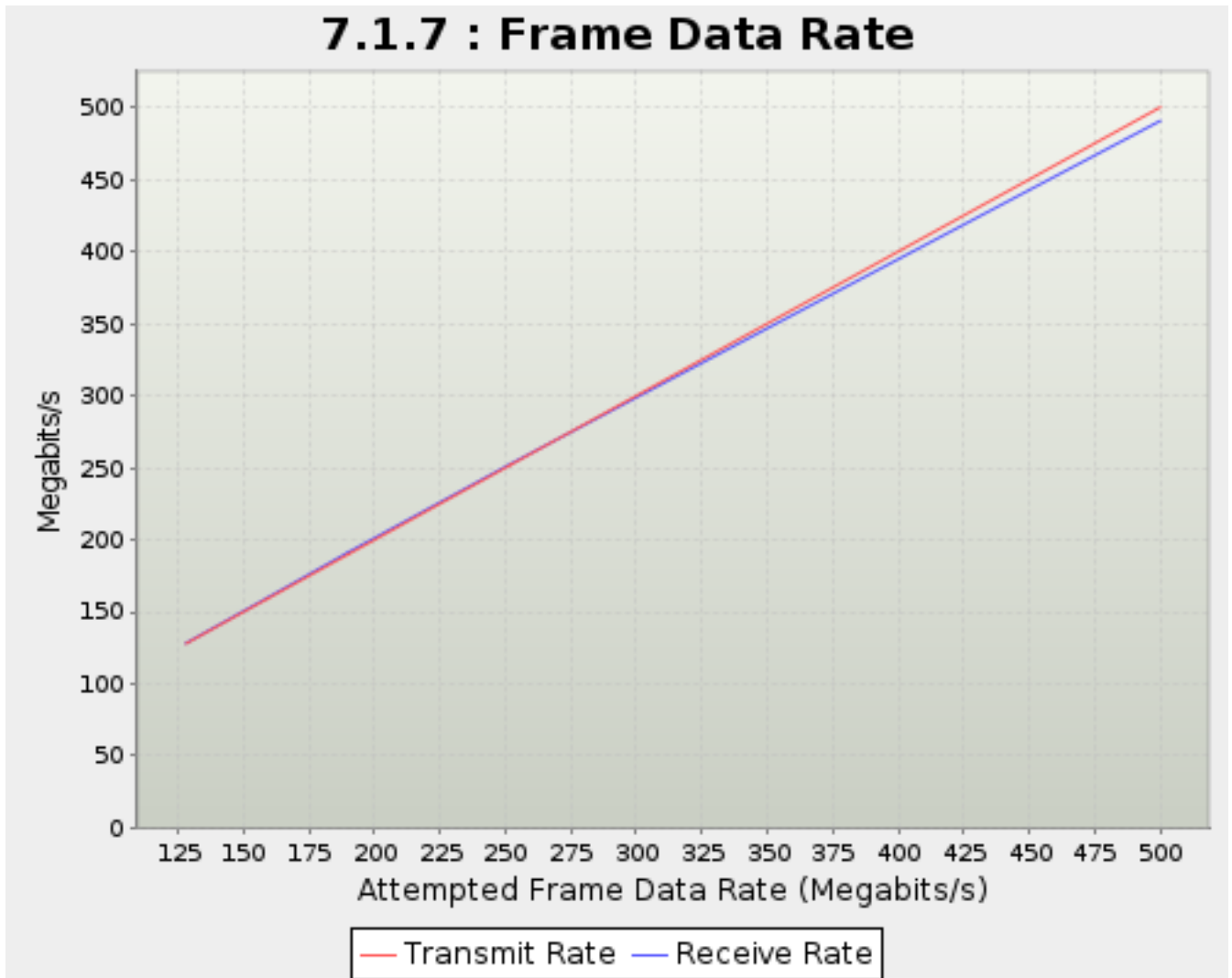
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted <i>Frame bytes</i>	Received <i>Frame bytes</i>
128	62.718	946,550,100	0
159	62.254	1,175,865,000	0
190	62.285	1,405,095,000	0
252	63.887	1,863,639,900	0
500	63.051	3,697,734,600	0

7.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frame bytes</i>
128	62.718	0	946,550,100
159	62.254	0	1,175,865,000
190	62.285	0	1,404,200,720
252	63.887	0	1,863,412,085
500	63.051	0	3,545,131,095

7.1.7. Frame Data Rate



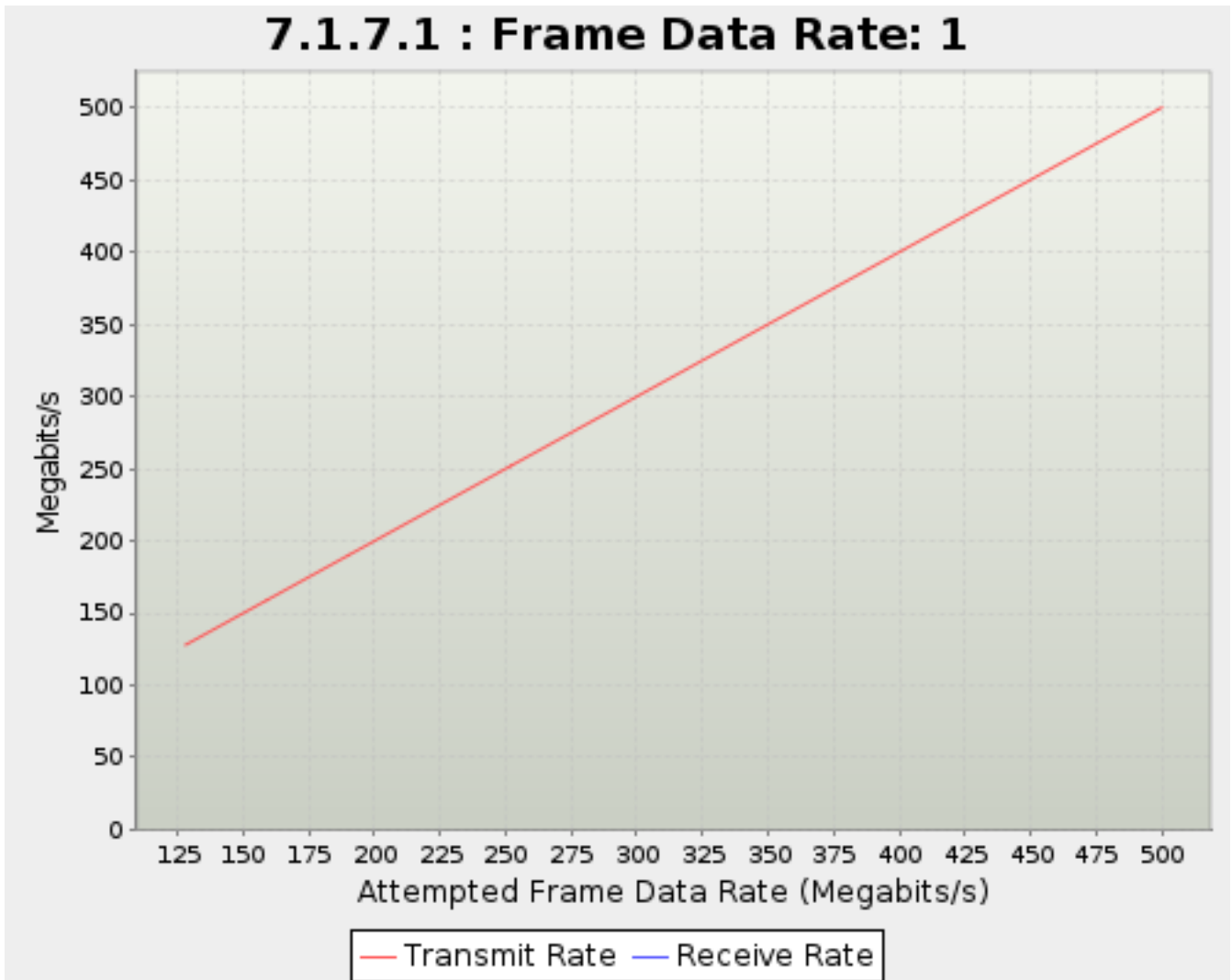
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	62.718	~128	128.3
159	62.254	~159	159.7
190	62.285	~190	191.4
252	63.887	~252	252.7
500	63.051	~500	490.6

7.1.7.1. Frame Data Rate: 1



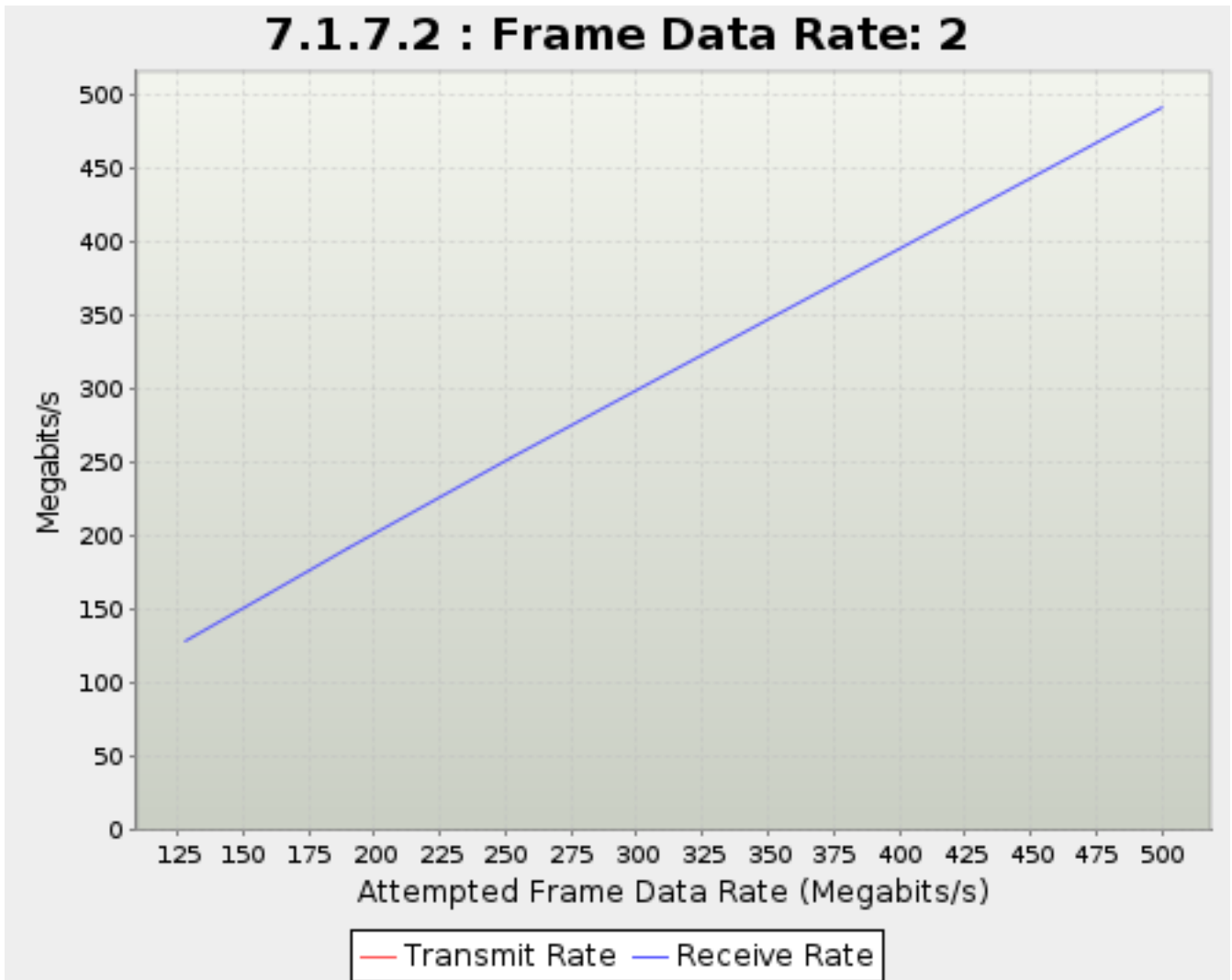
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	62.718	~128	0
159	62.254	~159	0
190	62.285	~190	0
252	63.887	~252	0
500	63.051	~500	0

7.1.7.2. Frame Data Rate: 2



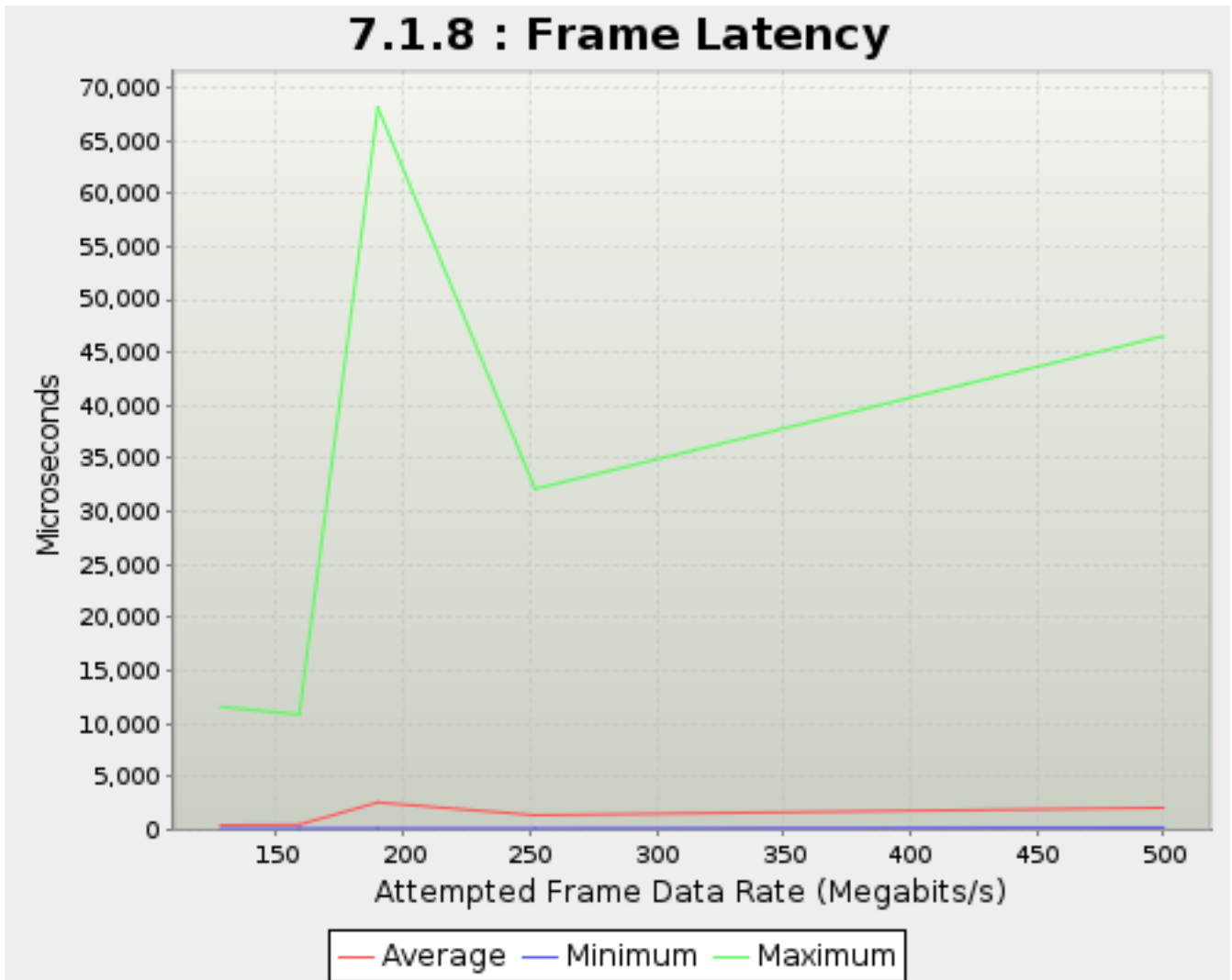
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

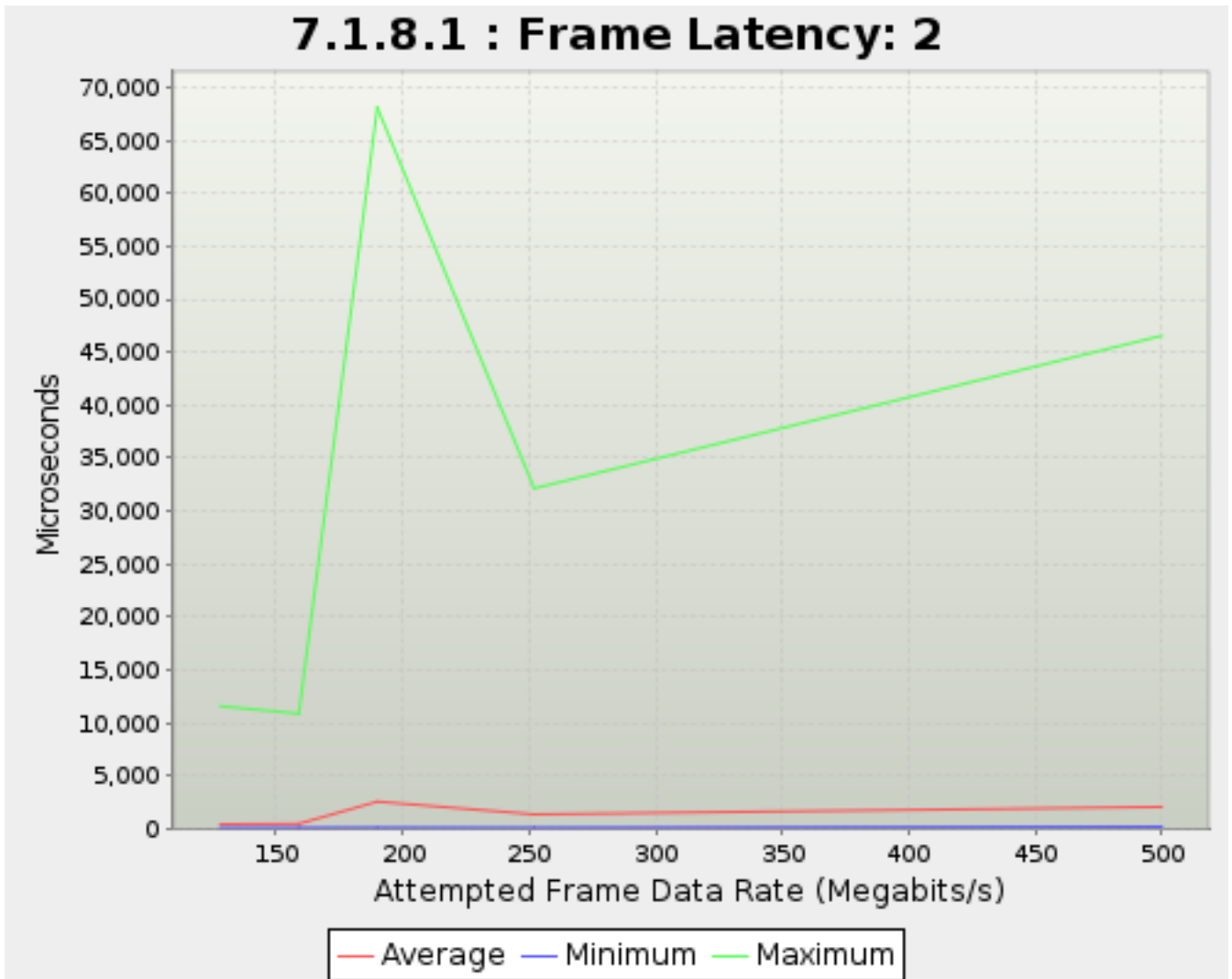
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	62.718	0	128.3
159	62.254	0	159.7
190	62.285	0	191.4
252	63.887	0	252.7
500	63.051	0	490.6

7.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
128	62.718	445.025	109.750	11,585.640
159	62.254	480.377	110.080	10,871.740
190	62.285	2,571.277	119.290	68,103.258
252	63.887	1,370.920	116.190	32,142.430
500	63.051	2,070.489	197.640	46,552.422

7.1.8.1. Frame Latency: 2

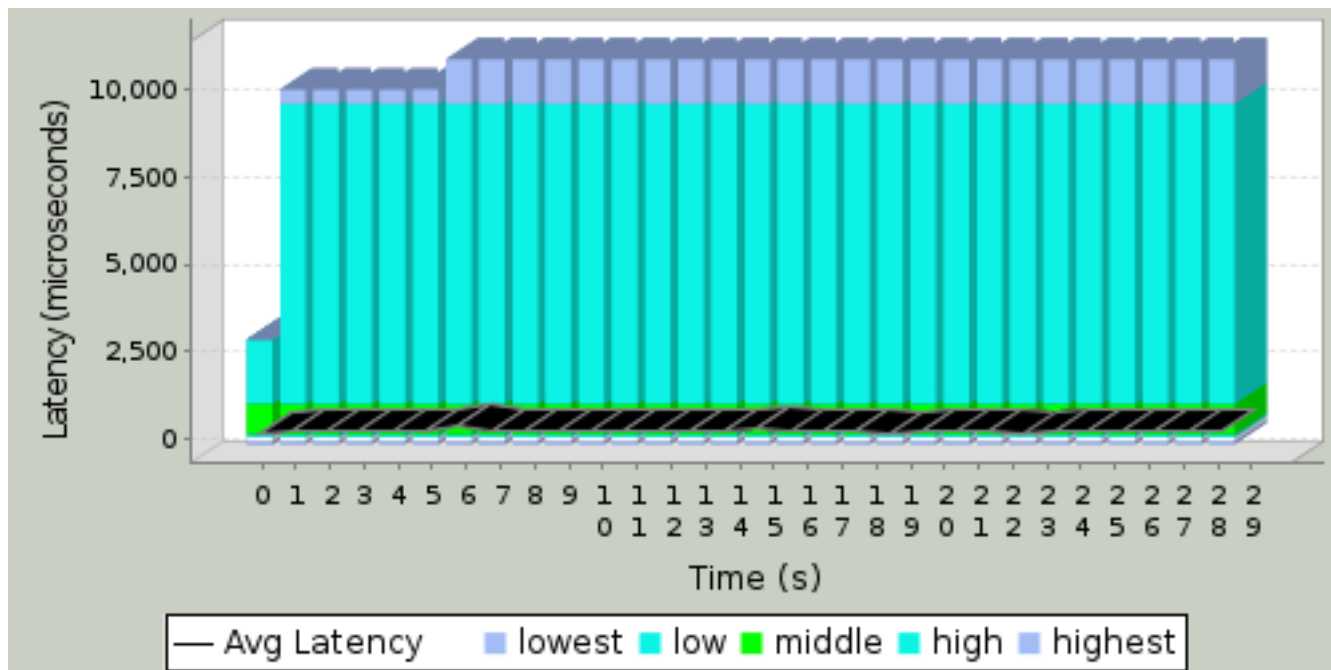


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
128	62.718	445.025	109.750	11,585.640
159	62.254	480.377	110.080	10,871.740
190	62.285	2,571.277	119.290	68,103.258
252	63.887	1,370.920	116.190	32,142.430
500	63.051	2,070.489	197.640	46,552.422

7.1.9. Frame Latency Distribution

This type of data can not be summarized, please view the detailed report sub-sections.

7.1.9.1. Frame Latency Distribution: 2



This chart shows latency ranges on the Y axis. The length of a colored bucket signifies its size relative to the total latency spread. It does not correspond to the number of packets.

The latency buckets are generated each second to an ideal normal curve, real packet latencies should be close but not exactly normal.

Buckets are generated as - bucket1 (dark blue): lowest 2.2%; bucket2 (light blue): low 13.7%; bucket3 (green): middle 68.2%; bucket4 (light blue): high 13.7%; bucket5 (dark blue): highest 2.2%

68.2% of packets sent during the interval (ideally) will be in the middle bucket (green).

Layer 2 and 3 tests on 1Gig blades do not support dynamic latency. These tests will have static 10,100,1000,10000,10000+ ms buckets.

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
			<i>microseconds</i>				<i>packets</i>					
128	0.363	190.116	125.260 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	3,914 99.214%	31 0.786%	0
128	1.360	285.568	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	14,664 97.319%	397 2.635%	7 0.046%
128	2.358	281.334	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	25,411 97.022%	769 2.936%	11 0.042%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	3.356	286.013	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	36,179 96.958%	1,117 2.994%	18 0.048%	
128	4.353	288.187	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	46,894 96.812%	1,520 3.138%	24 0.050%	
128	5.351	297.375	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	57,653 96.797%	1,876 3.150%	32 0.054%	
128	6.358	445.065	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	68,002 96.053%	2,739 3.869%	55 0.078%	
128	7.356	268.269	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	78,796 96.188%	3,064 3.740%	59 0.072%	
128	8.354	304.685	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	89,506 96.200%	3,470 3.729%	66 0.071%	
128	9.361	281.777	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	100,409 96.290%	3,795 3.639%	74 0.071%	
128	10.359	320.161	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	111,015 96.199%	4,298 3.724%	88 0.076%	
128	11.357	291.017	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	121,690 96.179%	4,742 3.748%	92 0.073%	
128	12.354	293.803	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	132,420 96.203%	5,128 3.725%	99 0.072%	
128	13.352	284.613	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	143,146 96.220%	5,521 3.711%	103 0.069%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	14.349	273.696	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	153,920 96.264%	5,866 3.669%	107 0.067%	
128	15.357	339.196	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	164,551 96.156%	6,464 3.777%	114 0.067%	
128	16.355	303.629	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	175,242 96.154%	6,890 3.780%	120 0.066%	
128	17.352	278.774	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	186,028 96.201%	7,221 3.734%	126 0.065%	
128	18.350	275.815	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	196,804 96.238%	7,564 3.699%	130 0.064%	
128	19.358	211.544	114.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	207,822 96.333%	7,781 3.607%	130 0.060%	
128	20.355	303.363	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	218,518 96.325%	8,201 3.615%	137 0.060%	
128	21.353	305.358	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	229,232 96.324%	8,603 3.615%	145 0.061%	
128	22.350	299.119	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	239,936 96.320%	9,015 3.619%	152 0.061%	
128	23.358	247.819	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	250,959 96.397%	9,223 3.543%	156 0.060%	
128	24.356	318.869	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	261,566 96.355%	9,731 3.585%	164 0.060%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
	<i>microseconds</i>						<i>packets</i>					
128	25.353	306.955	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	272,246 96.342%	10,166 3.598%	172 0.061%
128	26.361	300.613	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	282,998 96.317%	10,646 3.623%	176 0.060%
128	27.359	284.167	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	293,794 96.344%	10,963 3.595%	186 0.061%
128	28.356	289.486	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	304,508 96.343%	11,368 3.597%	190 0.060%
128	29.354	300.849	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	315,235 96.346%	11,754 3.592%	200 0.061%
128	30.351	284.305	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	325,987 96.357%	12,121 3.583%	204 0.060%
128	31.359	262.827	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	336,908 96.384%	12,432 3.557%	208 0.060%
128	32.357	311.634	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	347,540 96.360%	12,912 3.580%	215 0.060%
128	33.354	290.508	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	358,241 96.355%	13,333 3.586%	220 0.059%
128	34.352	268.688	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	369,033 96.374%	13,660 3.567%	224 0.058%
128	35.349	297.372	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	379,758 96.375%	14,050 3.566%	232 0.059%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	36.357	325.133	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	390,492 96.352%	14,545 3.589%	239 0.059%	
128	37.355	287.963	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	401,271 96.367%	14,881 3.574%	247 0.059%	
128	38.352	200.398	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	412,191 96.421%	15,054 3.521%	247 0.058%	
128	39.350	262.873	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	423,105 96.457%	15,286 3.485%	254 0.058%	
128	40.358	347.022	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	433,871 96.441%	15,748 3.500%	262 0.058%	
128	41.355	307.141	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	444,606 96.443%	16,113 3.495%	284 0.062%	
128	42.353	314.516	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	455,252 96.426%	16,567 3.509%	307 0.065%	
128	43.350	~300	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	465,933 96.417%	17,004 3.519%	313 0.065%	
128	44.358	279.728	113.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	476,802 96.424%	17,366 3.512%	317 0.064%	
128	45.356	314.215	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	487,433 96.405%	17,850 3.530%	325 0.064%	
128	46.353	305.058	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	498,126 96.399%	18,272 3.536%	333 0.064%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	47.351	304.705	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	508,807 96.391%	18,707 3.544%	341 0.065%	
128	48.359	302.476	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	519,627 96.390%	19,113 3.545%	349 0.065%	
128	49.356	279.496	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	530,426 96.404%	19,432 3.532%	355 0.065%	
128	50.354	323.552	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	540,993 96.376%	19,979 3.559%	364 0.065%	
128	51.351	376.299	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	551,511 96.341%	20,576 3.594%	372 0.065%	
128	52.359	363.253	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	562,038 96.290%	21,276 3.645%	380 0.065%	
128	53.357	293.452	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	572,713 96.284%	21,721 3.652%	384 0.065%	
128	54.354	287.222	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	583,489 96.295%	22,060 3.641%	392 0.065%	
128	55.352	313.796	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	594,129 96.283%	22,535 3.652%	400 0.065%	
128	56.349	220.398	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	604,991 96.307%	22,796 3.629%	400 0.064%	
128	57.357	303.369	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	615,769 96.301%	23,245 3.635%	408 0.064%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	58.355	338.014	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	626,296 96.272%	23,835 3.664%	415 0.064%	
128	59.352	291.775	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	637,015 96.274%	24,232 3.662%	422 0.064%	
128	62.718	338.618	109.750 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	643,967 96.267%	24,543 3.669%	430 0.064%	
159	0.141	744.086	117.430 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,641 89.574%	186 10.153%	5 0.273%	
159	1.119	220.834	117.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	14,788 96.603%	515 3.364%	5 0.033%	
159	2.116	305.649	114.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	28,068 96.166%	1,106 3.789%	13 0.045%	
159	3.114	324.812	114.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	41,179 95.756%	1,804 4.195%	21 0.049%	
159	4.111	315.318	114.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	54,374 95.693%	2,419 4.257%	28 0.049%	
159	5.119	282.782	114.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	67,869 95.890%	2,872 4.058%	37 0.052%	
159	6.117	307.099	113.420 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	81,163 95.943%	3,387 4.004%	45 0.053%	
159	7.114	390.598	113.420 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	94,200 95.721%	4,139 4.206%	72 0.073%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
159	8.112	305.681	113.420 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	107,427 95.721%	4,722 4.207%	80 0.071%	
159	9.120	297.397	113.420 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	120,709 95.660%	5,396 4.276%	80 0.063%	
159	10.117	281.169	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	134,061 95.756%	5,854 4.181%	88 0.063%	
159	11.115	289.458	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	147,376 95.811%	6,347 4.126%	96 0.062%	
159	12.112	252.901	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	160,888 95.974%	6,647 3.965%	102 0.061%	
159	13.120	265.715	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	174,418 96.049%	7,069 3.893%	106 0.058%	
159	14.118	309.154	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	187,645 96.026%	7,651 3.915%	114 0.058%	
159	15.115	329.024	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	200,795 95.970%	8,310 3.972%	122 0.058%	
159	16.113	276.464	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	214,196 96.033%	8,719 3.909%	129 0.058%	
159	17.120	276.516	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	227,669 96.063%	9,198 3.881%	133 0.056%	
159	18.118	285.744	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	241,026 96.096%	9,648 3.847%	143 0.057%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
159	19.116	304.824	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	254,219 96.064%	10,265 3.879%	151 0.057%	
159	20.113	223.140	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	267,612 96.107%	10,688 3.838%	151 0.054%	
159	21.121	302.857	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	280,995 96.097%	11,254 3.849%	159 0.054%	
159	22.119	395.122	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	293,992 96.005%	12,064 3.940%	169 0.055%	
159	23.116	353.664	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	306,905 95.895%	12,962 4.050%	175 0.055%	
159	24.114	280.760	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	320,207 95.911%	13,471 4.035%	181 0.054%	
159	25.111	275.780	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	333,598 95.951%	13,888 3.995%	189 0.054%	
159	26.119	324.075	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	346,913 95.930%	14,523 4.016%	196 0.054%	
159	27.117	317.919	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	360,021 95.891%	15,224 4.055%	204 0.054%	
159	28.114	286.901	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	373,358 95.913%	15,696 4.032%	212 0.054%	
159	29.122	301.392	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	386,751 95.915%	16,250 4.030%	222 0.055%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
159	30.120	274.293	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	400,125 95.944%	16,689 4.002%	226 0.054%	
159	31.117	265.562	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	413,522 95.977%	17,109 3.971%	226 0.052%	
159	32.115	285.595	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	426,825 95.986%	17,617 3.962%	232 0.052%	
159	33.112	326.538	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	439,962 95.962%	18,271 3.985%	240 0.052%	
159	34.120	271.255	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	453,418 95.972%	18,789 3.977%	240 0.051%	
159	35.118	269.201	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	466,788 95.995%	19,230 3.955%	246 0.051%	
159	36.115	297.212	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	480,052 95.995%	19,778 3.955%	251 0.050%	
159	37.113	270.857	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	493,488 96.028%	20,150 3.921%	260 0.051%	
159	38.121	211.714	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	507,085 96.070%	20,485 3.881%	260 0.049%	
159	39.118	288.475	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	520,433 96.079%	20,968 3.871%	270 0.050%	
159	40.116	339.865	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	533,477 96.037%	21,734 3.913%	278 0.050%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
159	41.113	275.584	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	546,805 96.048%	22,216 3.902%	284 0.050%	
159	42.121	278.369	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	560,234 96.054%	22,722 3.896%	290 0.050%	
159	43.119	315.520	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	573,411 96.036%	23,370 3.914%	298 0.050%	
159	44.116	297.379	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	586,711 96.041%	23,878 3.909%	307 0.050%	
159	45.114	279.748	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	600,087 96.058%	24,309 3.891%	317 0.051%	
159	46.111	316.012	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	613,211 96.035%	24,998 3.915%	321 0.050%	
159	47.119	276.492	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	626,686 96.046%	25,473 3.904%	328 0.050%	
159	48.117	313.829	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	639,886 96.035%	26,083 3.915%	335 0.050%	
159	49.114	272.982	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	653,292 96.055%	26,486 3.894%	343 0.050%	
159	50.112	485.871	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	665,990 95.973%	27,591 3.976%	356 0.051%	
159	51.120	304.090	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	679,326 95.964%	28,209 3.985%	359 0.051%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
159	52.117	293.771	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	692,558 95.961%	28,789 3.989%	364 0.050%	
159	53.115	285.927	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	705,959 95.980%	29,197 3.970%	372 0.051%	
159	54.112	313.307	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	719,177 95.974%	29,787 3.975%	381 0.051%	
159	55.120	280.358	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	732,701 95.991%	30,212 3.958%	389 0.051%	
159	56.118	234.100	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	746,056 96.003%	30,673 3.947%	389 0.050%	
159	57.115	269.964	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	759,518 96.028%	31,021 3.922%	396 0.050%	
159	58.113	313.858	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	772,779 96.027%	31,569 3.923%	405 0.050%	
159	59.121	264.910	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	786,316 96.043%	31,984 3.907%	409 0.050%	
159	62.254	280.366	110.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	798,191 96.052%	32,394 3.898%	415 0.050%	
190	0.141	808.422	125.490 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,830 81.551%	414 18.449%	0	
190	1.139	327.027	124.950 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	17,665 94.188%	1,082 5.769%	8 0.043%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	2.136	350.240	120.090 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	33,387 94.672%	1,859 5.271%	20 0.057%	
190	3.134	321.483	120.090 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	49,245 95.110%	2,499 4.826%	33 0.064%	
190	4.131	304.377	119.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	65,163 95.425%	3,084 4.516%	40 0.059%	
190	5.139	307.595	119.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	81,246 95.623%	3,672 4.322%	47 0.055%	
190	6.147	365.903	119.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	97,032 95.473%	4,547 4.474%	54 0.053%	
190	7.134	316.706	119.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	112,763 95.572%	5,162 4.375%	62 0.053%	
190	8.132	322.044	119.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	128,593 95.610%	5,843 4.344%	62 0.046%	
190	9.130	326.665	119.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	144,373 95.606%	6,567 4.349%	69 0.046%	
190	10.137	311.532	119.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	160,439 95.678%	7,170 4.276%	77 0.046%	
190	11.135	467.590	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	175,689 95.381%	8,410 4.566%	98 0.053%	
190	12.132	2,701.161	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	190,181 95.055%	9,027 4.512%	866 0.433%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
190	13.130	515.284	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	205,785 95.014%	9,915 4.578%	885 0.409%
190	14.138	598.100	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	220,960 94.726%	11,398 4.886%	904 0.388%
190	15.135	561.609	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	236,160 94.549%	12,691 5.081%	923 0.370%
190	16.133	457.730	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	251,823 94.570%	13,537 5.084%	923 0.347%
190	17.131	486.680	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	267,602 94.628%	14,250 5.039%	943 0.333%
190	18.138	554.331	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	283,052 94.517%	15,458 5.162%	963 0.322%
190	19.136	460.337	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	298,975 94.617%	15,969 5.054%	1,040 0.329%
190	20.133	418.591	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	314,856 94.731%	16,457 4.951%	1,057 0.318%
190	21.131	569.382	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	330,299 94.640%	17,629 5.051%	1,077 0.309%
190	22.139	428.464	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	346,309 94.702%	18,285 5.000%	1,088 0.298%
190	23.136	453.436	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	362,181 94.764%	18,913 4.949%	1,100 0.288%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	24.134	659.756	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	377,151 94.594%	20,397 5.116%	1,156 0.290%	
190	25.132	555.185	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	392,346 94.492%	21,699 5.226%	1,171 0.282%	
190	26.139	463.454	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	408,173 94.508%	22,532 5.217%	1,189 0.275%	
190	27.137	449.276	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	423,956 94.548%	23,249 5.185%	1,200 0.268%	
190	28.134	468.868	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	439,686 94.573%	24,014 5.165%	1,216 0.262%	
190	29.132	348.513	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	455,753 94.667%	24,456 5.080%	1,216 0.253%	
190	30.130	436.898	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	471,767 94.744%	24,880 4.997%	1,290 0.259%	
190	31.137	573.379	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	487,275 94.687%	26,024 5.057%	1,315 0.256%	
190	32.135	409.611	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	503,236 94.749%	26,565 5.002%	1,325 0.249%	
190	33.133	525.596	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	518,647 94.707%	27,649 5.049%	1,340 0.245%	
190	34.130	512.447	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	534,159 94.685%	28,624 5.074%	1,363 0.242%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
	<i>microseconds</i>						<i>packets</i>					
190	35.138	408.423	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	550,276 94.741%	29,173 5.023%	1,375 0.237%
190	36.145	485.761	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	566,009 94.729%	30,102 5.038%	1,390 0.233%
190	37.133	490.076	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	581,464 94.725%	30,972 5.046%	1,410 0.230%
190	38.131	507.368	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	597,093 94.723%	31,836 5.050%	1,428 0.227%
190	39.138	514.948	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	612,799 94.709%	32,788 5.067%	1,447 0.224%
190	40.136	418.340	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	628,807 94.765%	33,273 5.014%	1,465 0.221%
190	41.133	563.976	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	644,095 94.712%	34,471 5.069%	1,490 0.219%
190	42.131	596.659	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	659,342 94.656%	35,714 5.127%	1,511 0.217%
190	43.139	408.998	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	675,456 94.702%	36,271 5.085%	1,519 0.213%
190	44.136	445.876	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	691,375 94.741%	36,848 5.049%	1,531 0.210%
190	45.134	684.698	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	706,464 94.666%	38,224 5.122%	1,579 0.212%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	46.132	534.629	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	721,724 94.618%	39,462 5.173%	1,590 0.208%	
190	47.139	348.104	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	737,952 94.675%	39,913 5.121%	1,590 0.204%	
190	48.137	488.412	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	753,606 94.680%	40,734 5.118%	1,608 0.202%	
190	49.134	461.302	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	769,207 94.678%	41,615 5.122%	1,620 0.199%	
190	50.132	418.105	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	785,091 94.707%	42,246 5.096%	1,631 0.197%	
190	51.130	494.604	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	800,812 94.715%	43,038 5.090%	1,648 0.195%	
190	52.137	575.633	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	816,145 94.661%	44,361 5.145%	1,669 0.194%	
190	53.135	414.874	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	832,035 94.691%	44,970 5.118%	1,681 0.191%	
190	54.133	551.673	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	847,418 94.663%	46,075 5.147%	1,705 0.190%	
190	55.130	519.846	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	862,942 94.651%	47,046 5.160%	1,720 0.189%	
190	56.138	477.973	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	878,747 94.653%	47,905 5.160%	1,733 0.187%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	57.135	548.383	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	894,267 94.642%	48,839 5.169%	1,790 0.189%	
190	58.133	536.211	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	909,931 94.646%	49,624 5.162%	1,853 0.193%	
190	59.131	577.300	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	925,161 94.605%	50,874 5.202%	1,883 0.193%	
190	62.285	568.755	119.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	938,524 94.574%	51,944 5.234%	1,900 0.191%	
252	0.947	705.634	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	18,492 89.058%	2,031 9.781%	241 1.161%	
252	1.935	421.872	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	38,733 91.261%	3,455 8.141%	254 0.598%	
252	2.932	454.205	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	59,001 91.706%	5,066 7.874%	270 0.420%	
252	3.930	424.370	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	79,863 92.608%	6,093 7.065%	282 0.327%	
252	4.938	459.746	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	100,644 92.884%	7,416 6.844%	295 0.272%	
252	5.935	467.523	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	121,179 93.032%	8,764 6.728%	312 0.240%	
252	6.933	328.932	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	142,550 93.689%	9,290 6.106%	312 0.205%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
252	7.930	450.199	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	163,443 93.904%	10,284 5.909%	326 0.187%	
252	8.938	464.096	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	184,207 93.900%	11,628 5.927%	338 0.172%	
252	9.936	487.106	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	204,553 93.801%	13,166 6.037%	353 0.162%	
252	10.933	397.779	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	225,797 94.094%	13,802 5.752%	370 0.154%	
252	11.931	394.958	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	247,064 94.347%	14,420 5.507%	383 0.146%	
252	12.939	459.097	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	268,203 94.442%	15,389 5.419%	396 0.139%	
252	13.936	409.196	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	289,252 94.562%	16,223 5.304%	412 0.135%	
252	14.934	428.498	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	310,311 94.669%	17,036 5.197%	439 0.134%	
252	15.931	405.026	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	331,416 94.776%	17,813 5.094%	455 0.130%	
252	16.939	564.768	116.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	351,940 94.658%	19,342 5.202%	521 0.140%	

*Note: Max rows reached. Export to csv or zip to view all

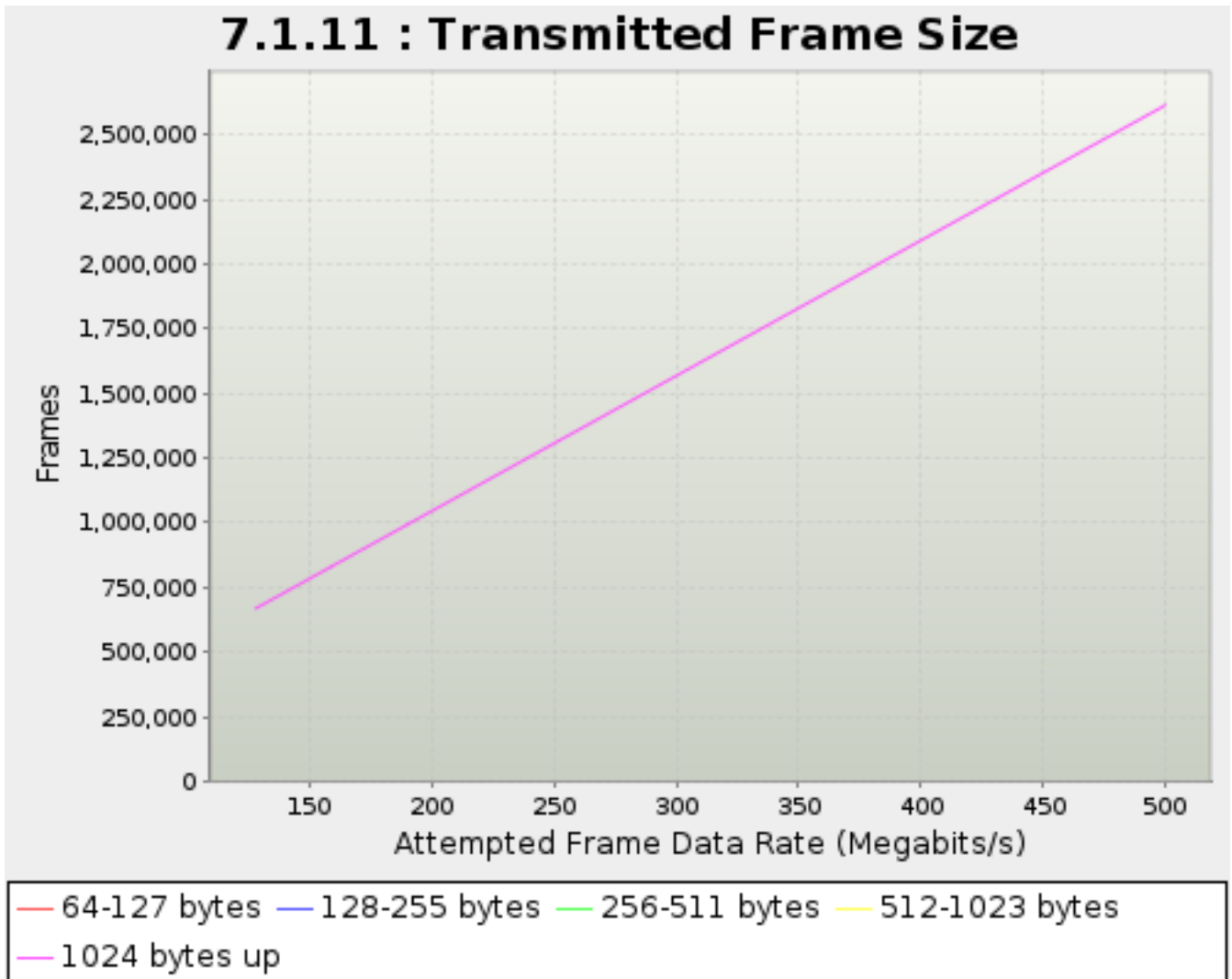
7.1.10. Component Summary

Attempted Frame Data Rate	Frames transmitted	Frames received	Frame bytes transmitted	Frame bytes received
	<i>Frames</i>		<i>Frame bytes</i>	
128	668,940	668,940 100.000%	946,550,100	946,550,100 100.000%
159	831,000	831,000 100.000%	1,175,865,000	1,175,865,000 100.000%
190	993,000	992,368 99.936%	1,405,095,000	1,404,200,720 99.936%
252	1,317,060	1,316,899 99.988%	1,863,639,900	1,863,412,085 99.988%
500	2,613,240	2,505,393 95.873%	3,697,734,600	3,545,131,095 95.873%

Attempted Frame Data Rate	Maximum frame transmit rate	Maximum frame receive rate	Maximum frame data transmit rate	Maximum frame data receive rate
	<i>Frames/s</i>		<i>Megabits/s</i>	
128	~11150	~11180	~128	128.3
159	~13850	~13910	~159	159.7
190	~16550	~16670	~190	191.4
252	~21950	~22010	~252	252.7
500	~43550	~42730	~500	490.6

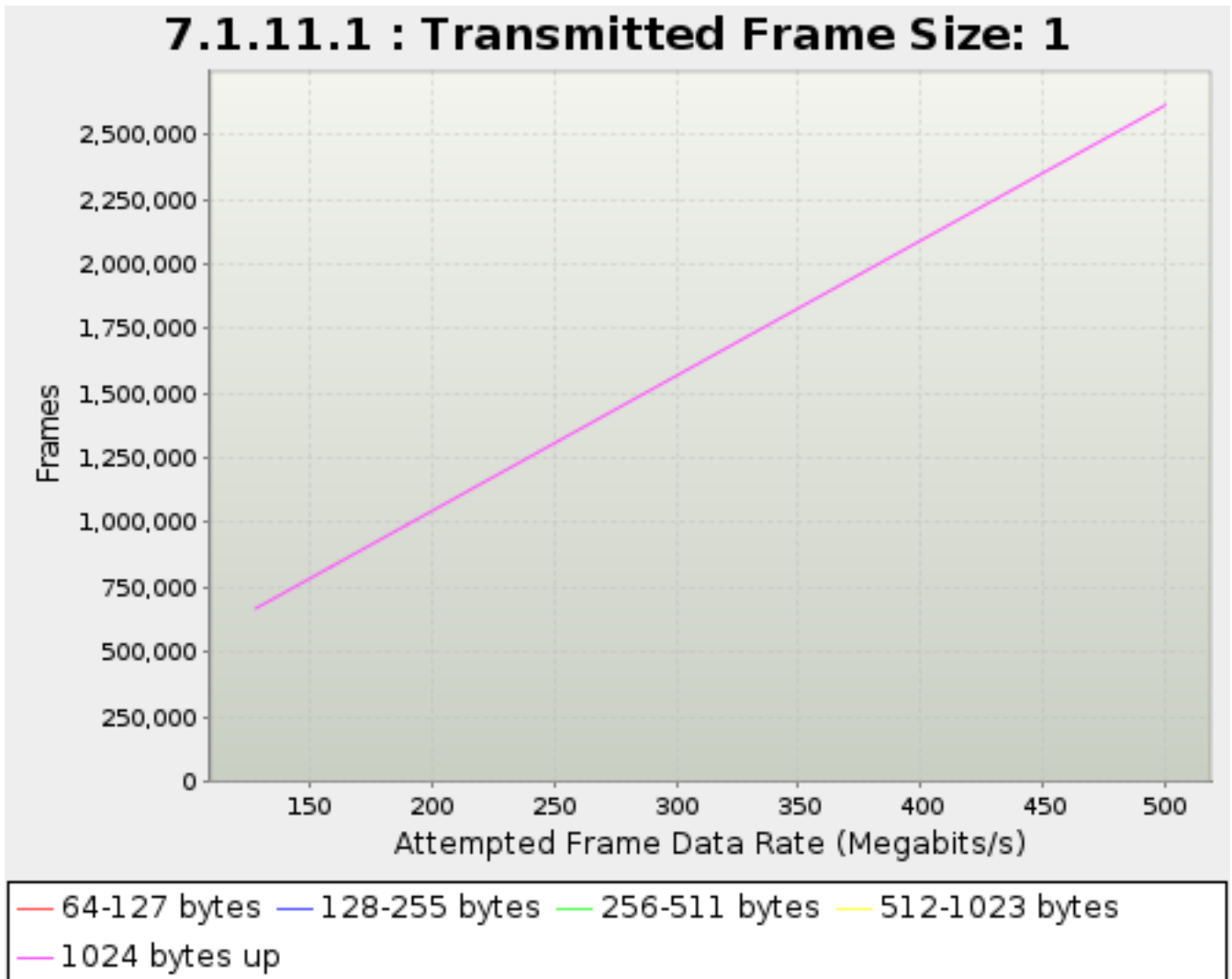
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
128	0	66	0	0	64	0	0	0
159	0	141	0	0	64	0	0	0
190	0	496	0	0	64	632	0	0
252	0	212	0	0	64	161	0	0
500	0	44,001	0	0	64	107,847	0	0

7.1.11. Transmitted Frame Size



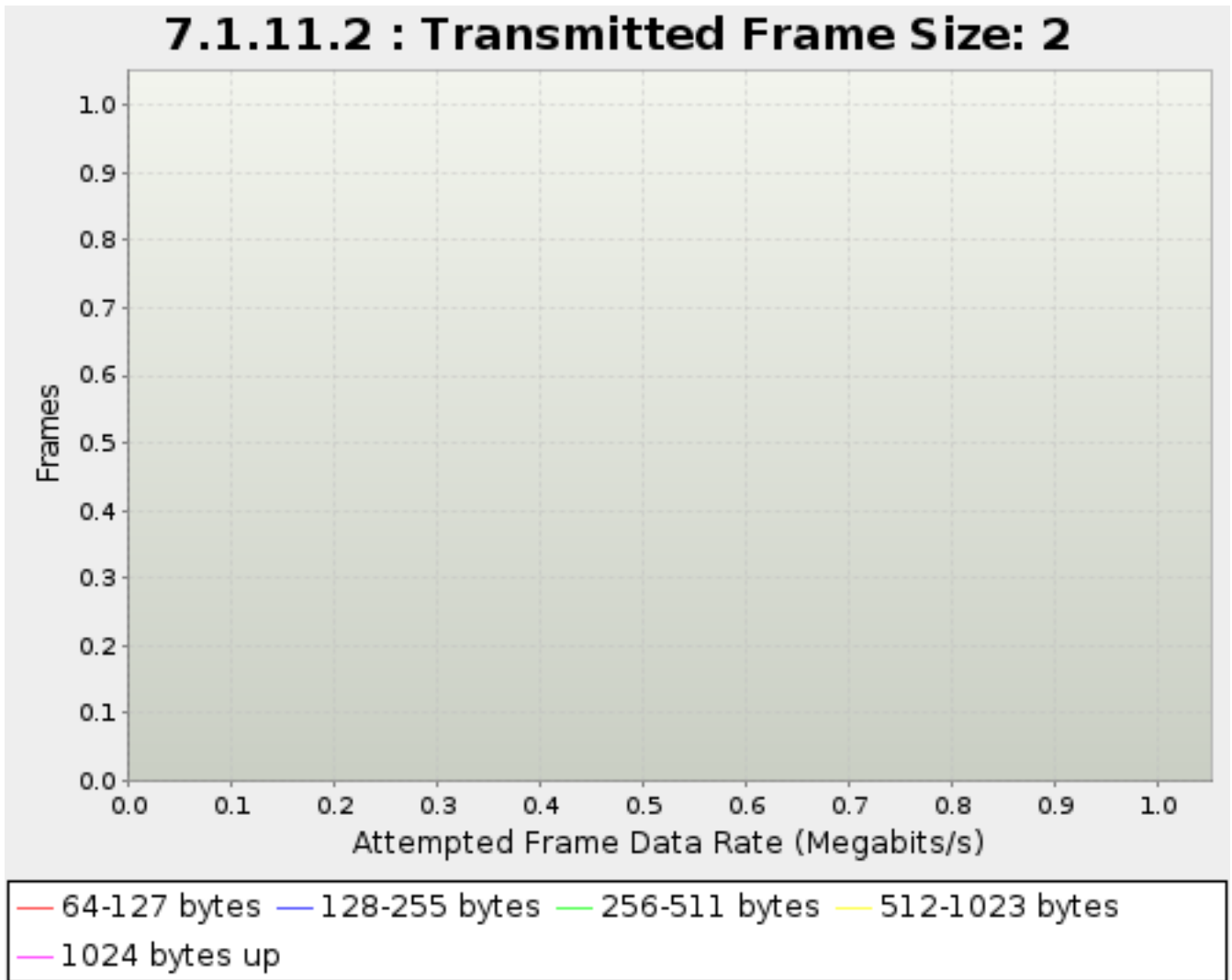
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.718	0	0	0	0	668,940
159	62.254	0	0	0	0	831,000
190	62.285	0	0	0	0	993,000
252	63.887	0	0	0	0	1,317,060
500	63.051	0	0	0	0	2,613,240

7.1.11.1. Transmitted Frame Size: 1



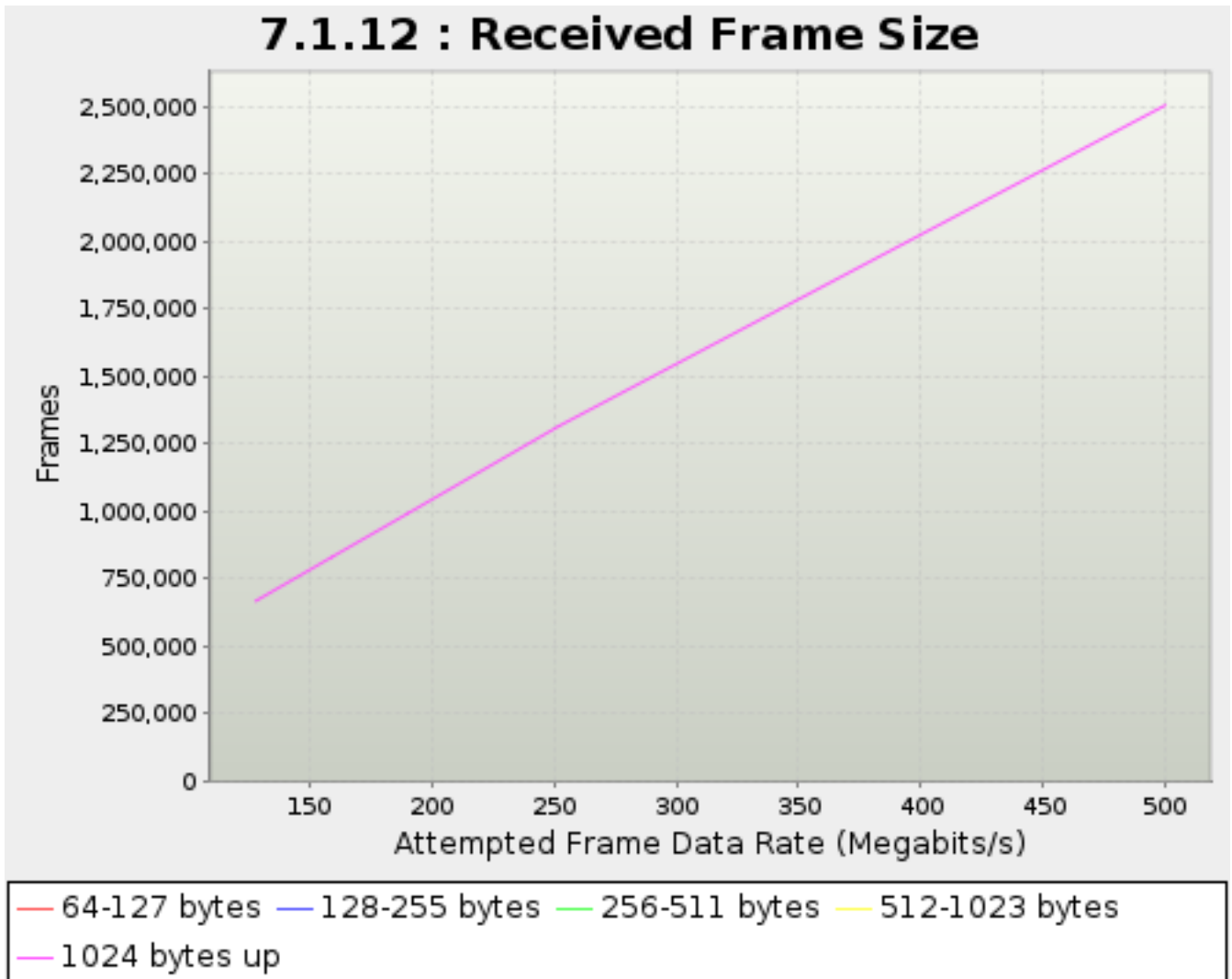
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.718	0	0	0	0	668,940
159	62.254	0	0	0	0	831,000
190	62.285	0	0	0	0	993,000
252	63.887	0	0	0	0	1,317,060
500	63.051	0	0	0	0	2,613,240

7.1.11.2. Transmitted Frame Size: 2



Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.718	0	0	0	0	0
159	62.254	0	0	0	0	0
190	62.285	0	0	0	0	0
252	63.887	0	0	0	0	0
500	63.051	0	0	0	0	0

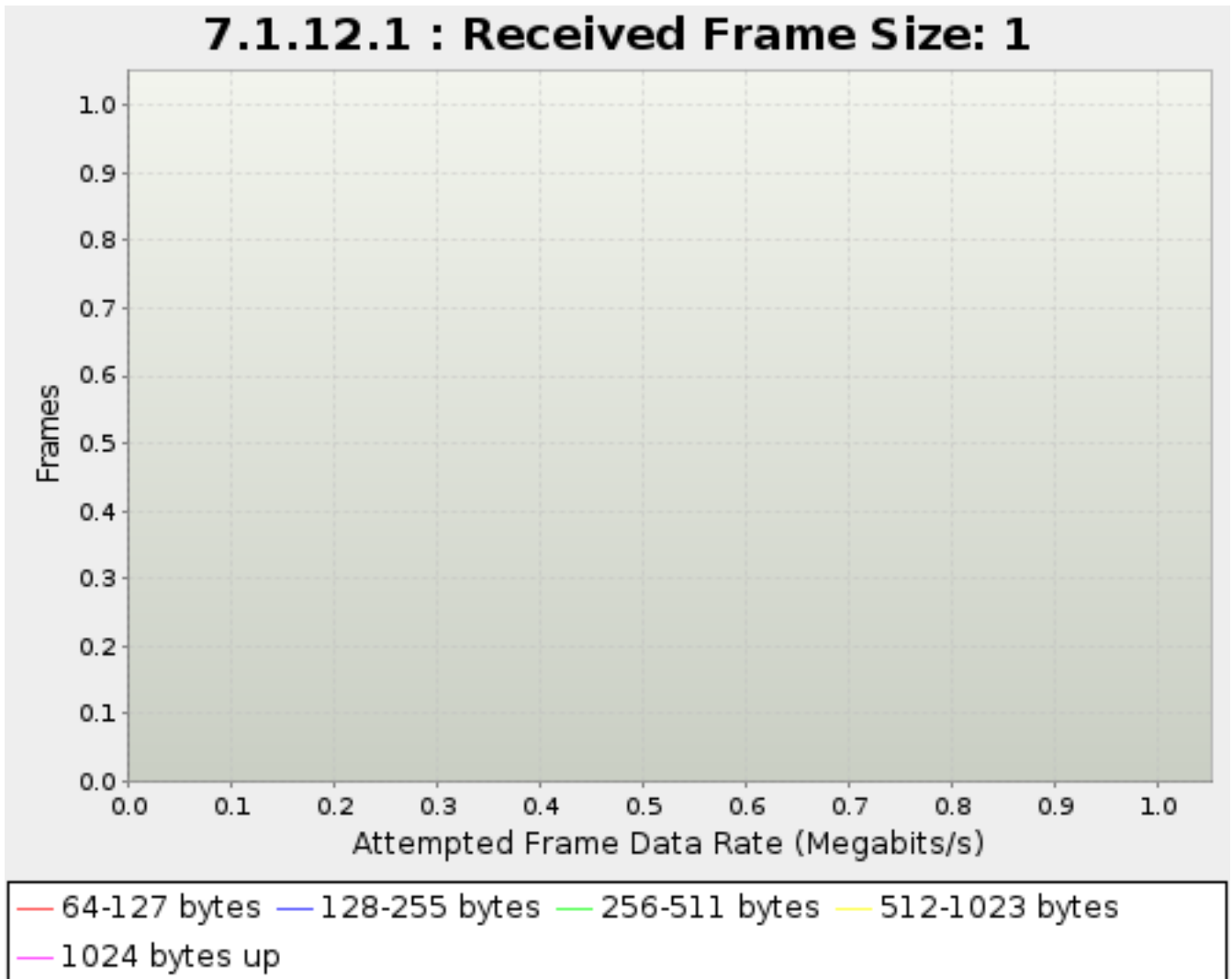
7.1.12. Received Frame Size



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.718	0	0	0	0	668,940
159	62.254	0	0	0	0	831,000
190	62.285	0	0	0	0	992,368
252	63.887	0	0	0	0	1,316,899
500	63.051	0	0	0	0	2,505,393

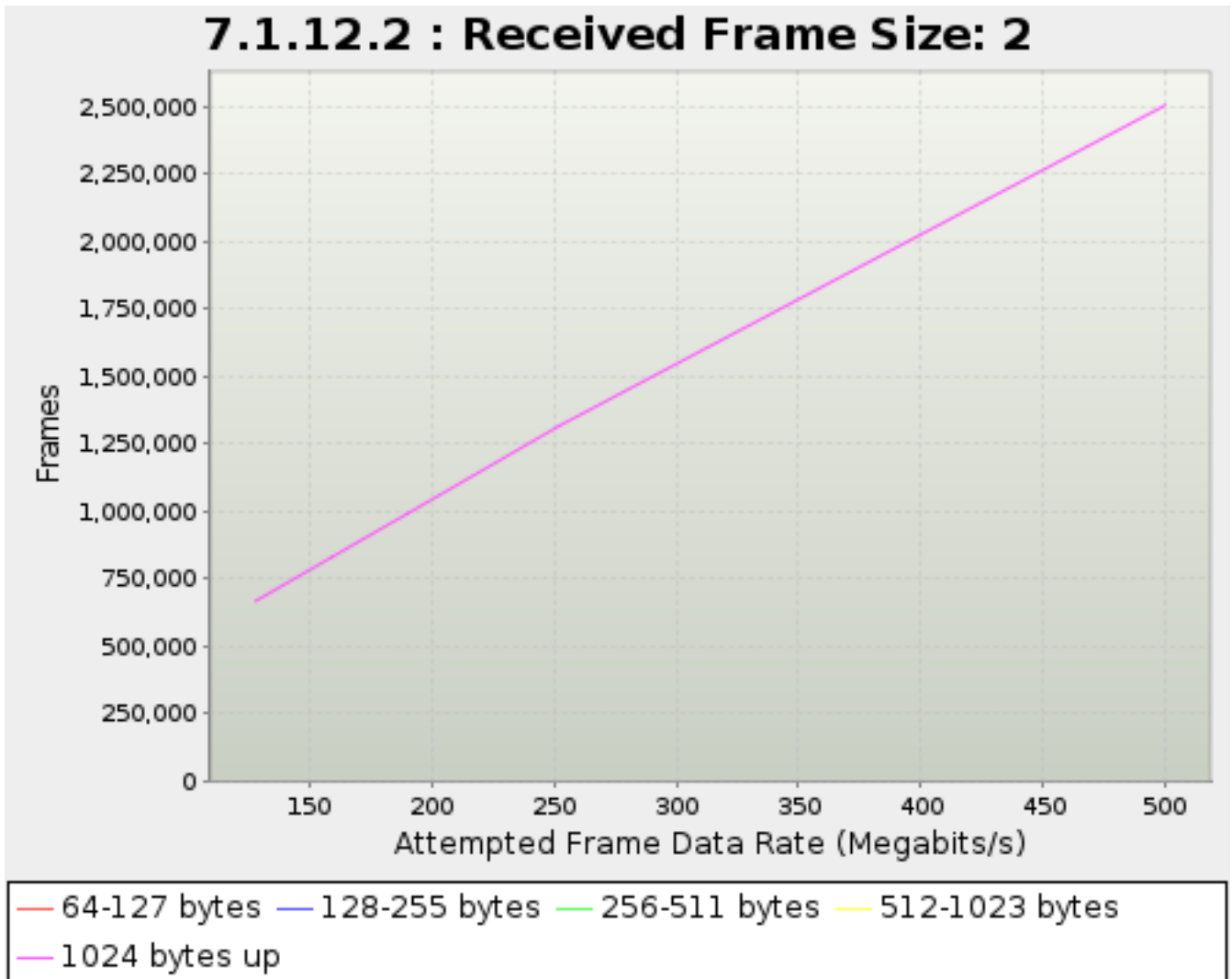
7.1.12.1. Received Frame Size: 1



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.718	0	0	0	0	0
159	62.254	0	0	0	0	0
190	62.285	0	0	0	0	0
252	63.887	0	0	0	0	0
500	63.051	0	0	0	0	0

7.1.12.2. Received Frame Size: 2



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.718	0	0	0	0	668,940
159	62.254	0	0	0	0	831,000
190	62.285	0	0	0	0	992,368
252	63.887	0	0	0	0	1,316,899
500	63.051	0	0	0	0	2,505,393

7.2. Aggregate Stats

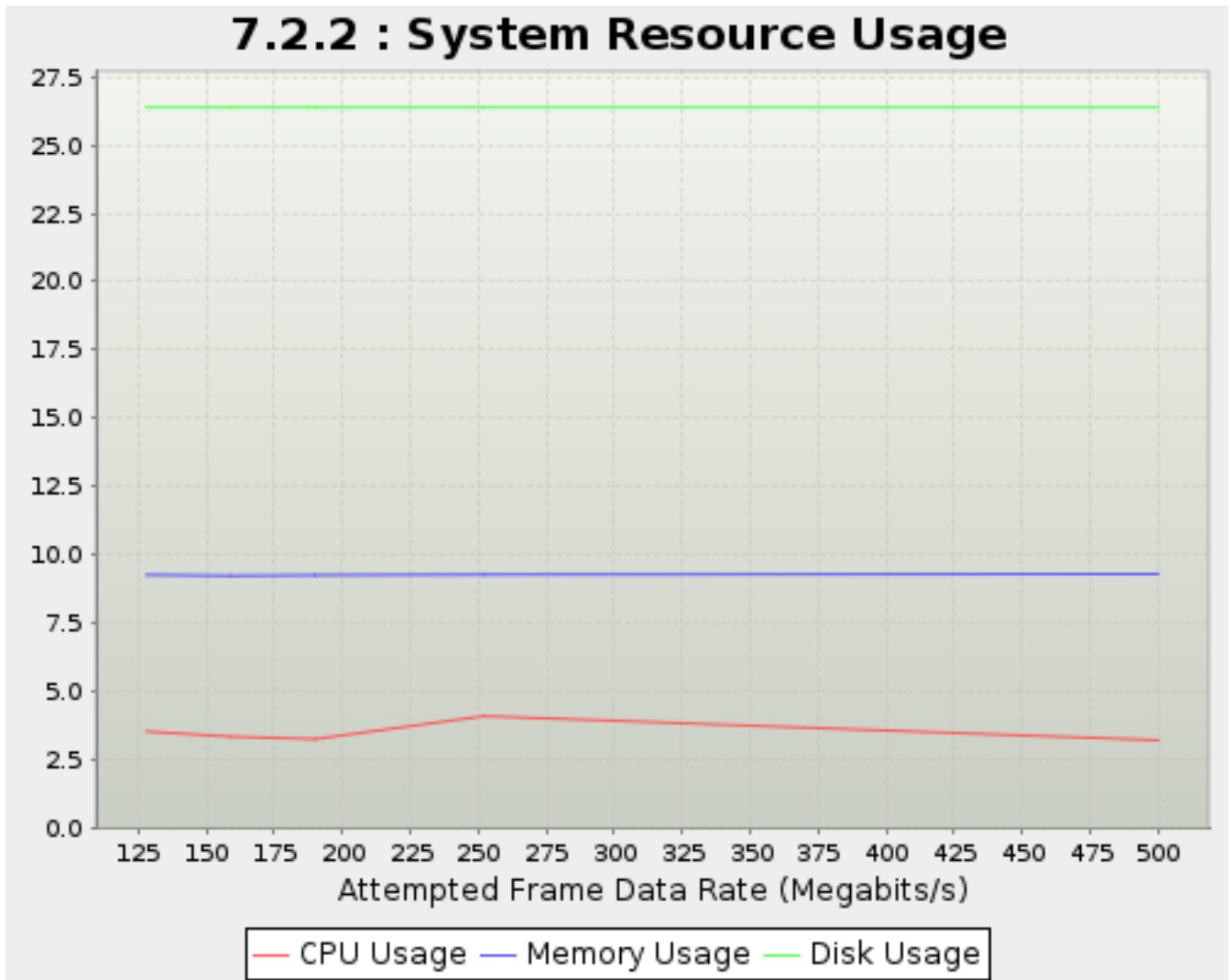
7.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

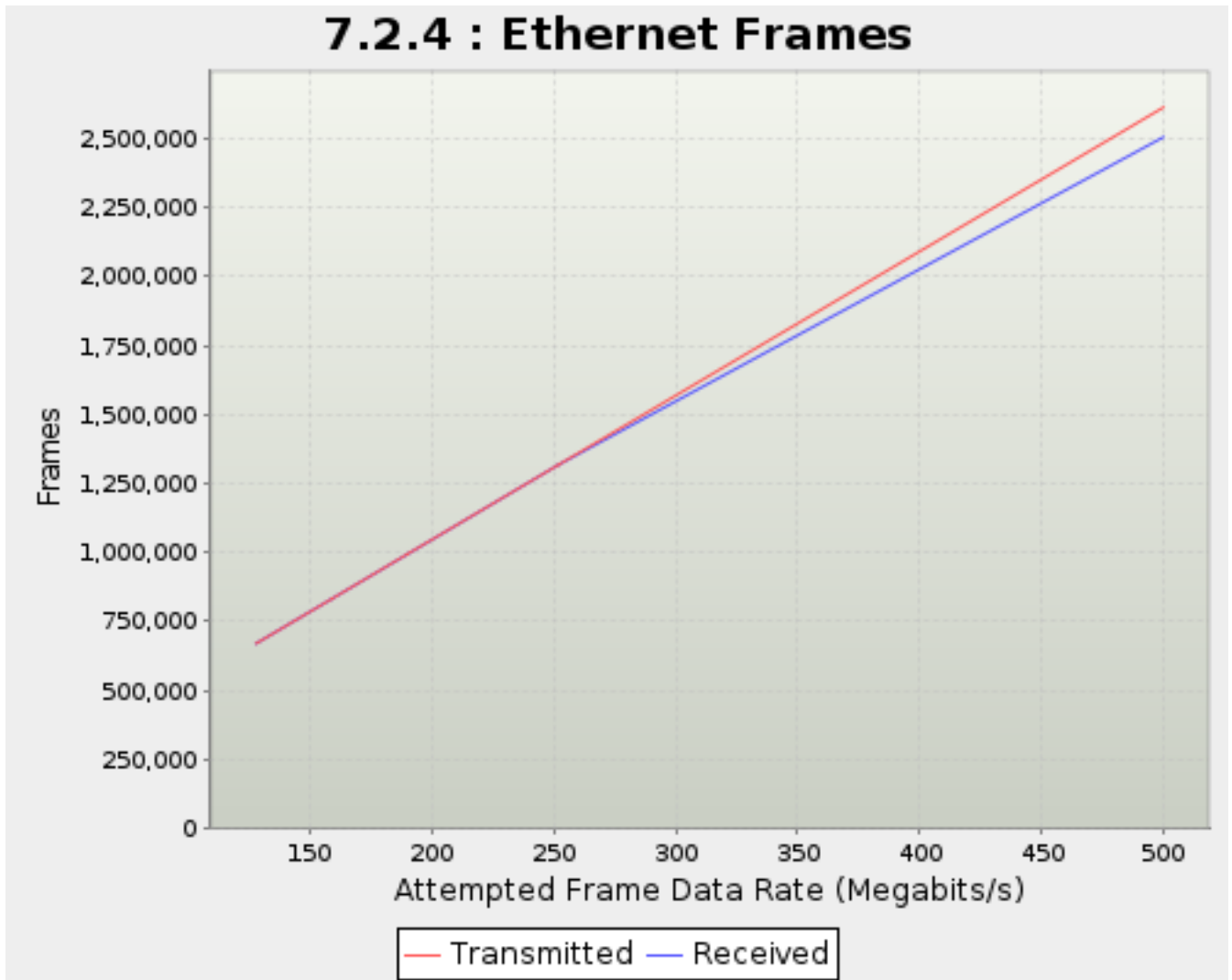
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

7.2.2. System Resource Usage



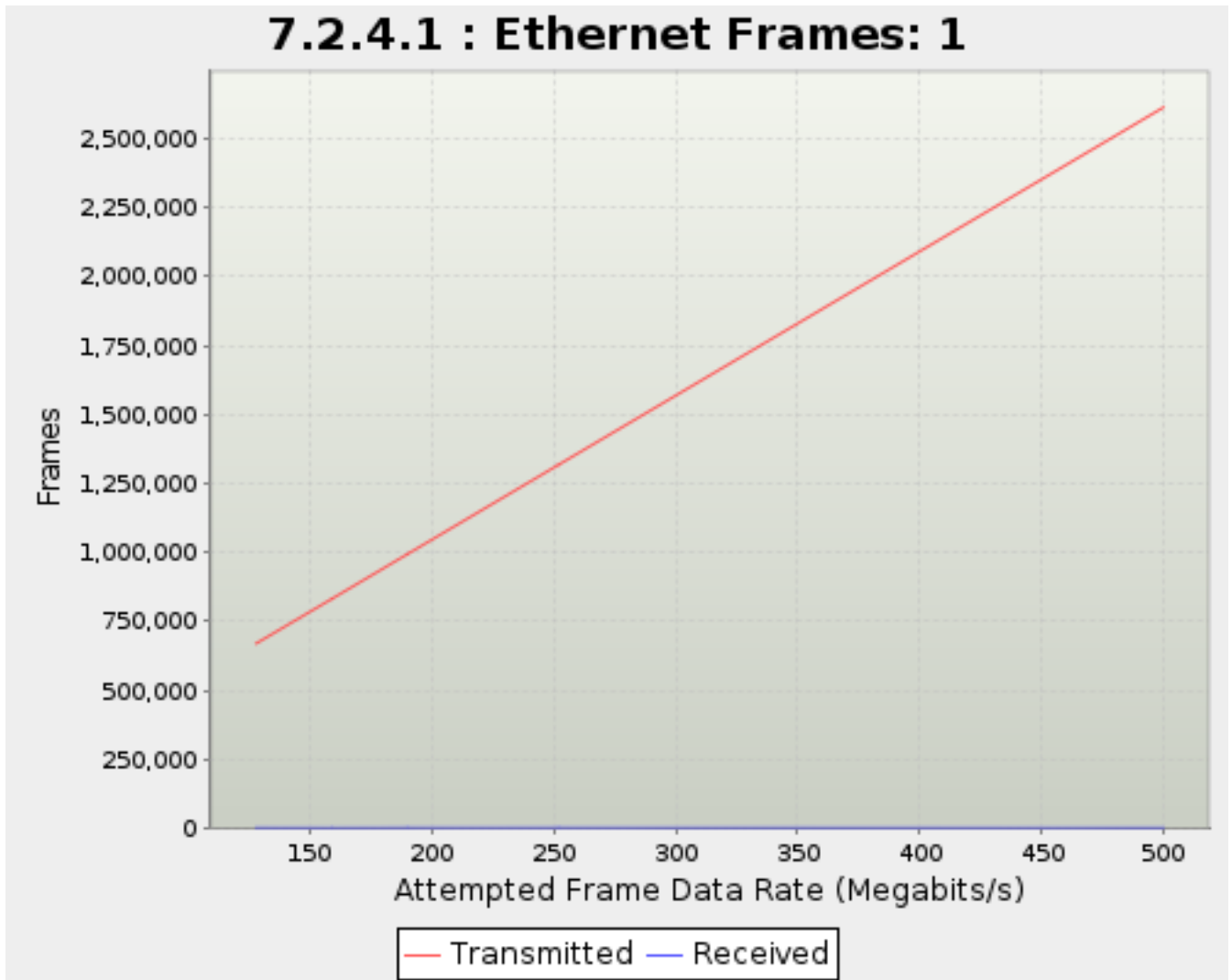
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>	<i>Percent</i>		
128	63.868	3.54	9.27	26.38
159	63.500	3.35	9.24	26.38
190	63.616	3.26	9.26	26.38
252	65.312	4.10	9.28	26.38
500	64.200	3.22	9.30	26.38

7.2.4. Ethernet Frames



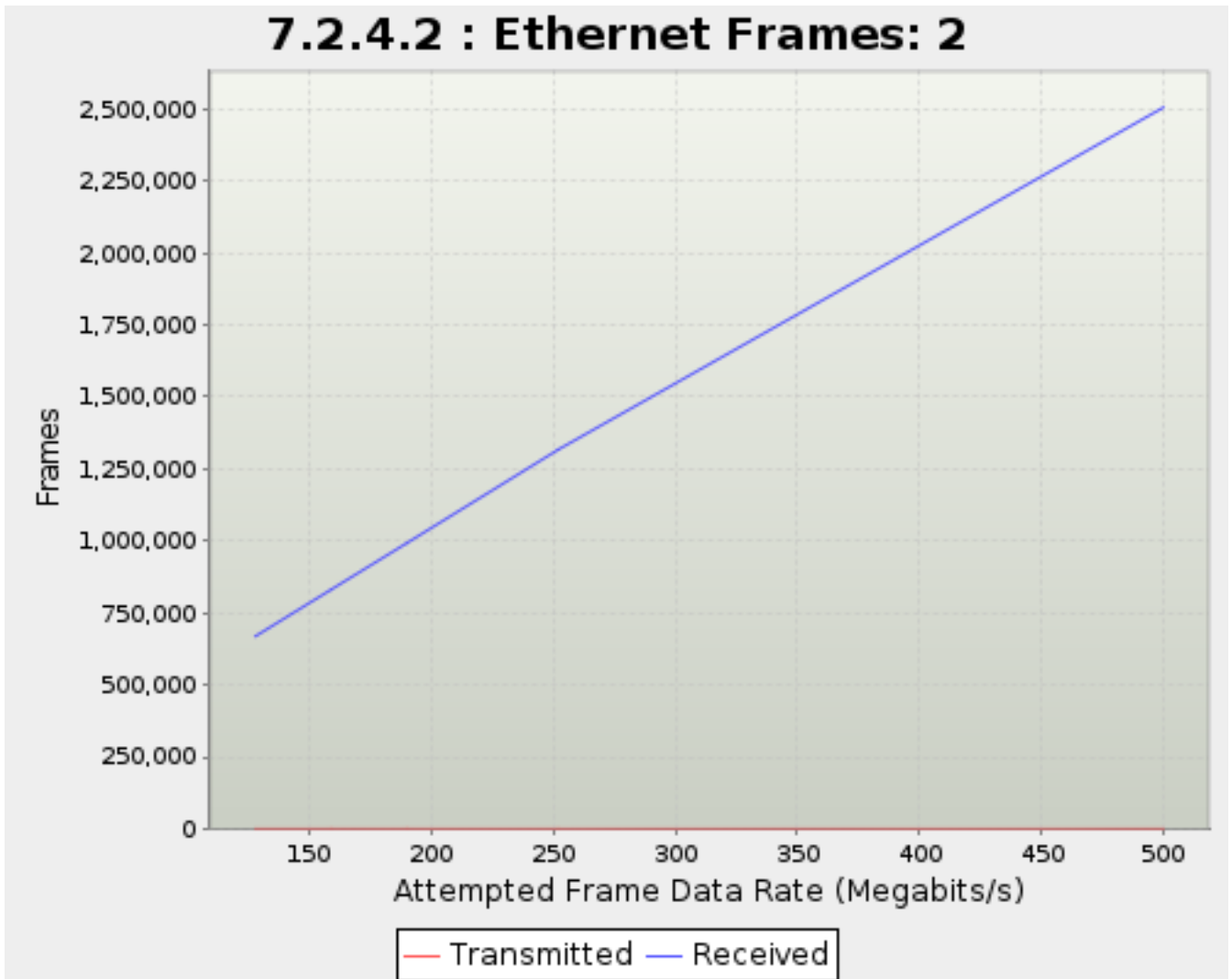
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frames</i>
128	63.857	669,913	669,983 100.010%
159	63.494	831,603	831,713 100.013%
190	63.605	994,016	993,517 99.950%
252	65.308	1,318,137	1,318,109 99.998%
500	64.199	2,614,103	2,506,324 95.877%

7.2.4.1. Ethernet Frames: 1



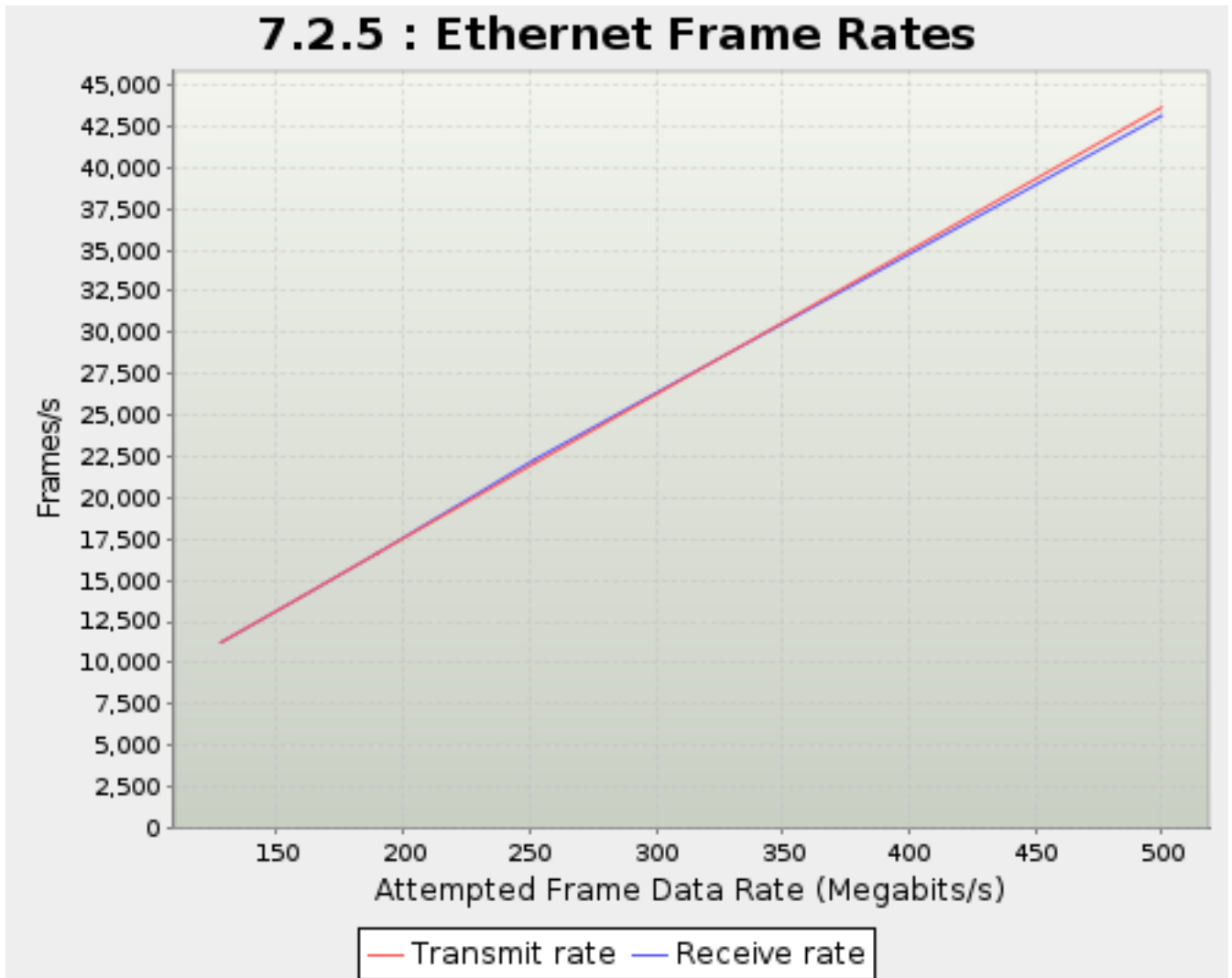
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.857	669,848	846 0.126%
159	63.494	831,538	516 0.062%
190	63.605	993,889	891 0.090%
252	65.308	1,318,072	1,010 0.077%
500	64.199	2,613,976	672 0.026%

7.2.4.2. Ethernet Frames: 2



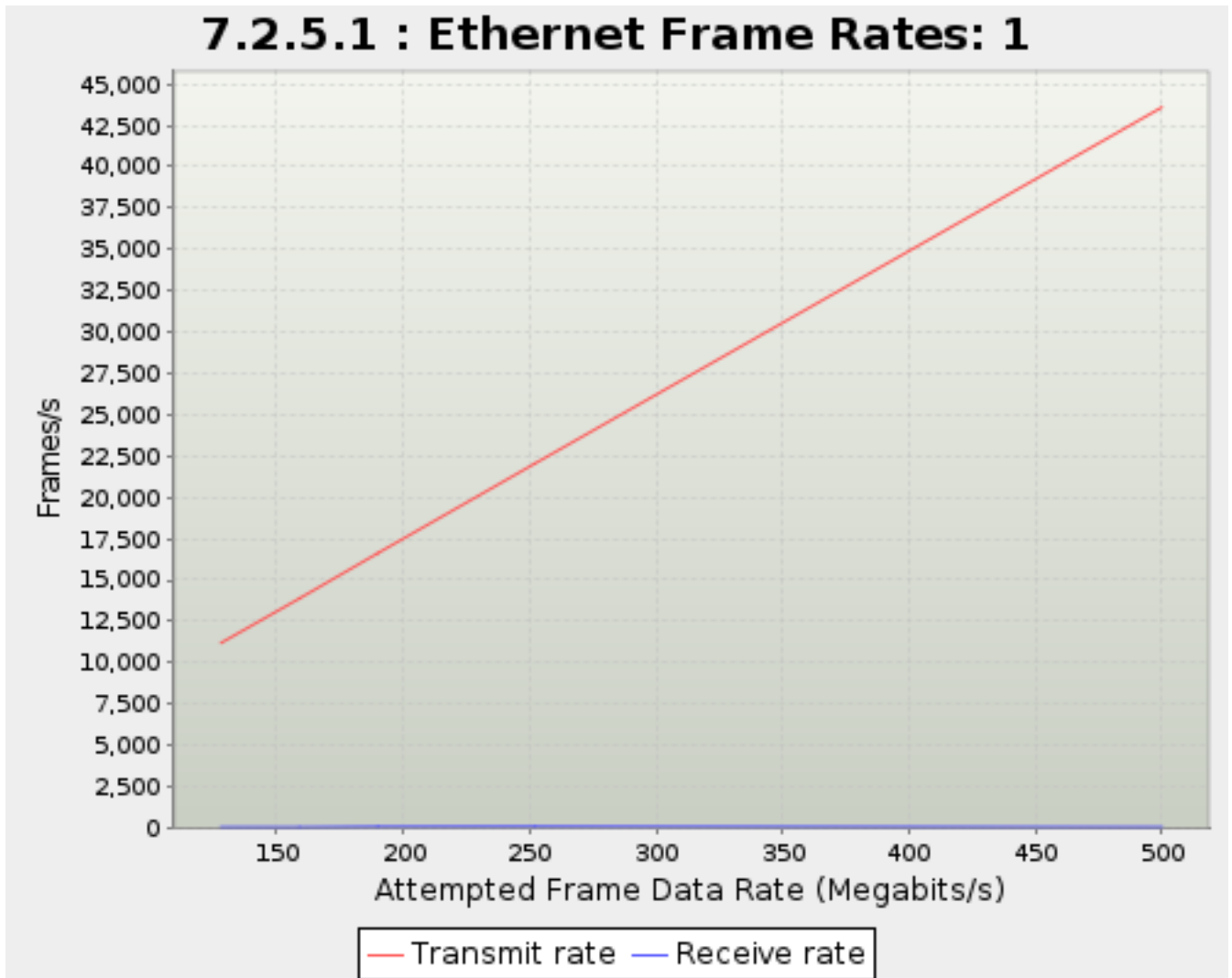
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.857	65	669,137 1029441.538%
159	63.494	65	831,197 1278764.615%
190	63.605	127	992,626 781595.276%
252	65.308	65	1,317,099 2026306.154%
500	64.199	127	2,505,652 1972954.331%

7.2.5. Ethernet Frame Rates



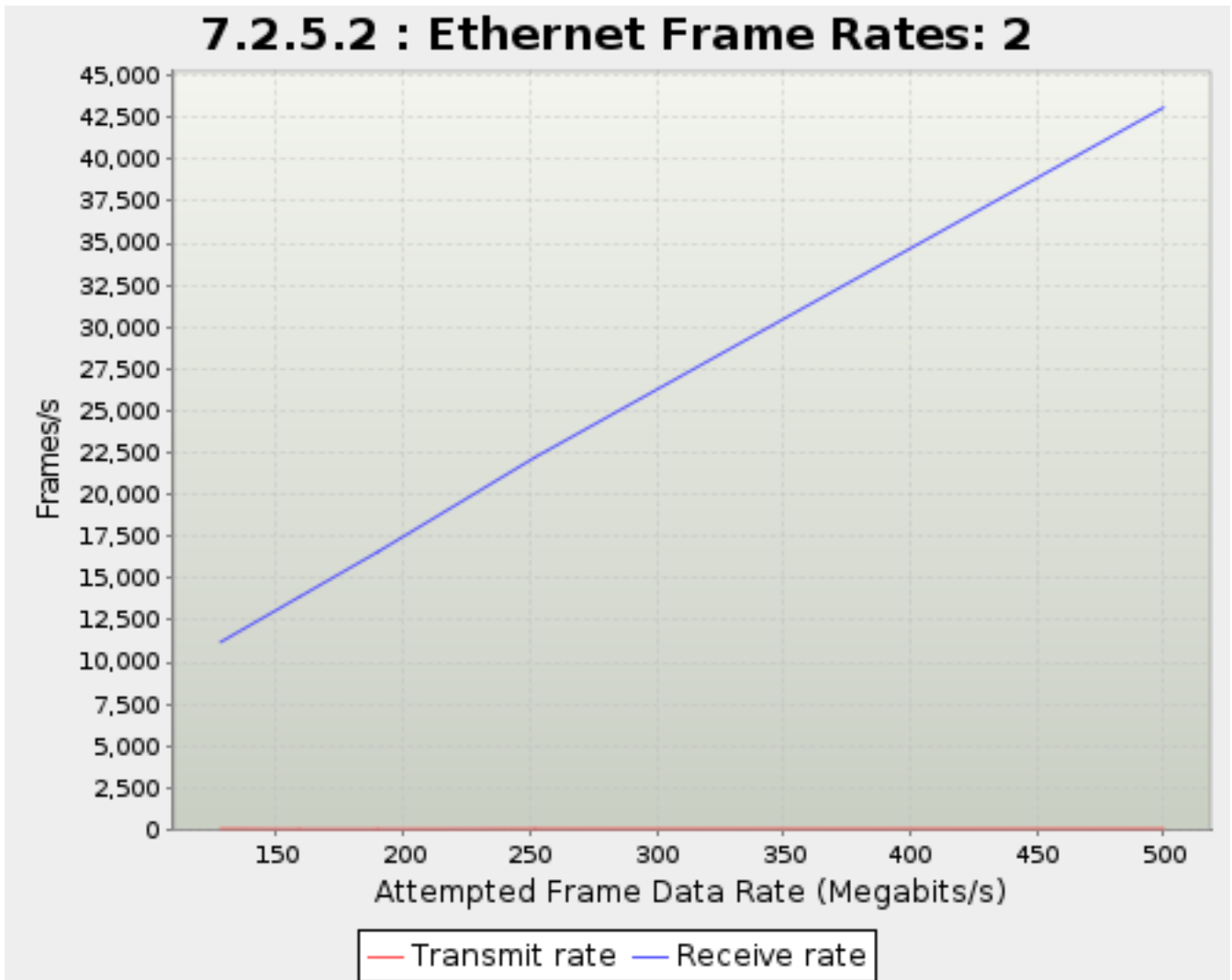
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.857	~11250	~11240
159	63.494	~13930	~13930
190	63.605	~16660	~16660
252	65.308	~22090	~22310
500	64.199	~43640	~43140

7.2.5.1. Ethernet Frame Rates: 1



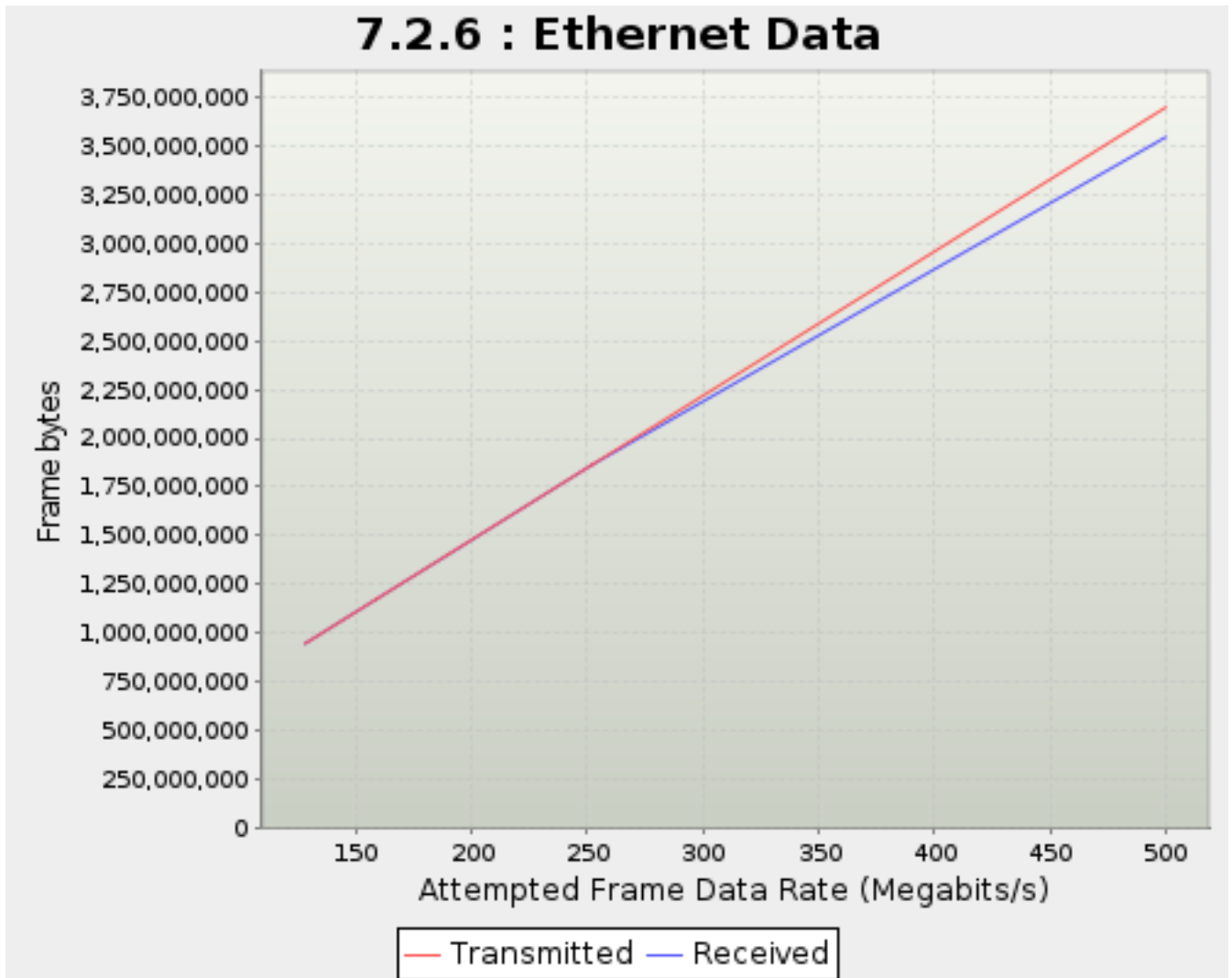
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate
128	63.857	~11200	45.20
159	63.494	~13890	44.11
190	63.605	~16630	82.20
252	65.308	~22040	93.22
500	64.199	~43590	49.62

7.2.5.2. Ethernet Frame Rates: 2



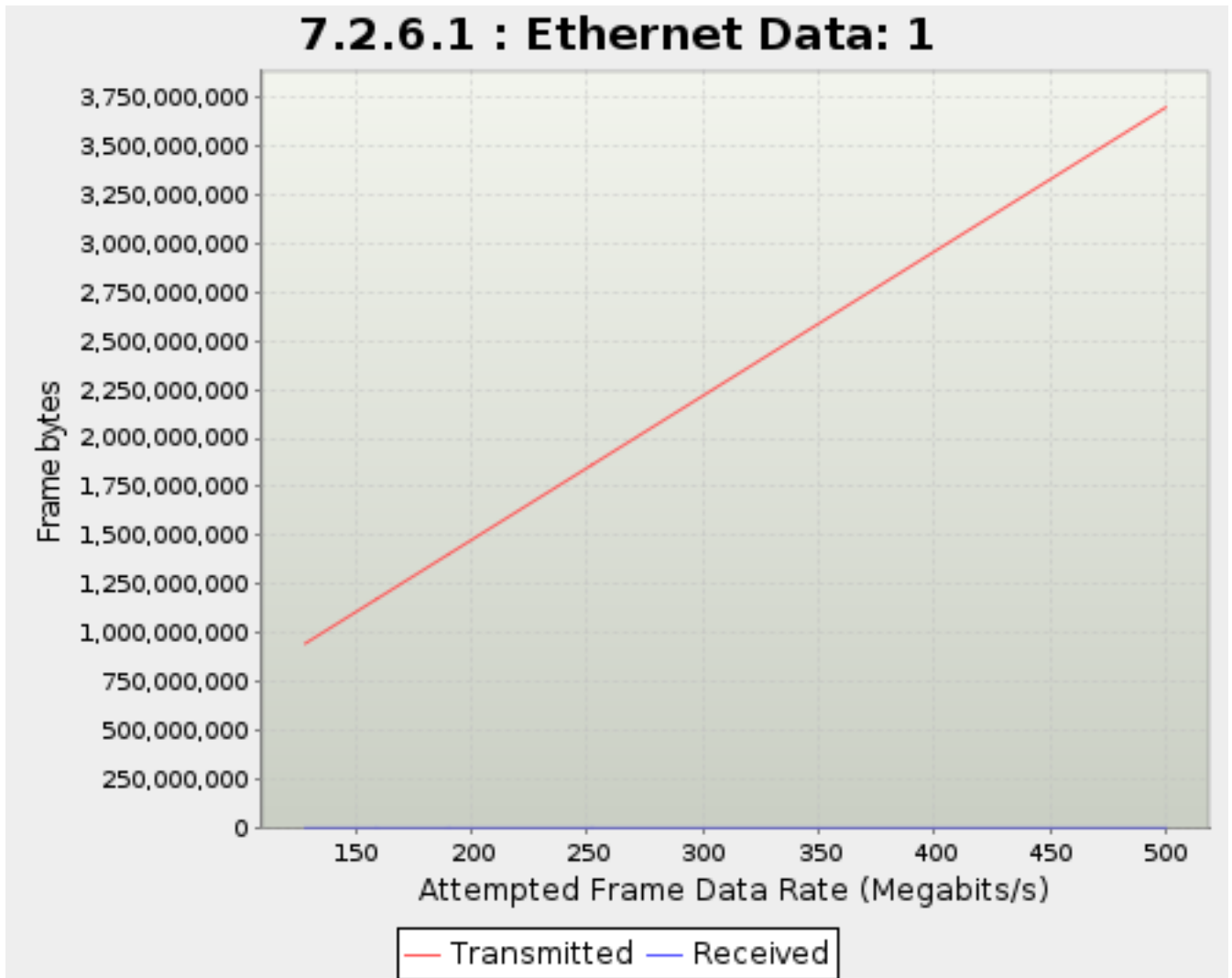
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
128	63.857	49.12	~11200
159	63.494	31.76	~13890
190	63.605	32.08	~16580
252	65.308	49.12	~22220
500	64.199	49.12	~43090

7.2.6. Ethernet Data



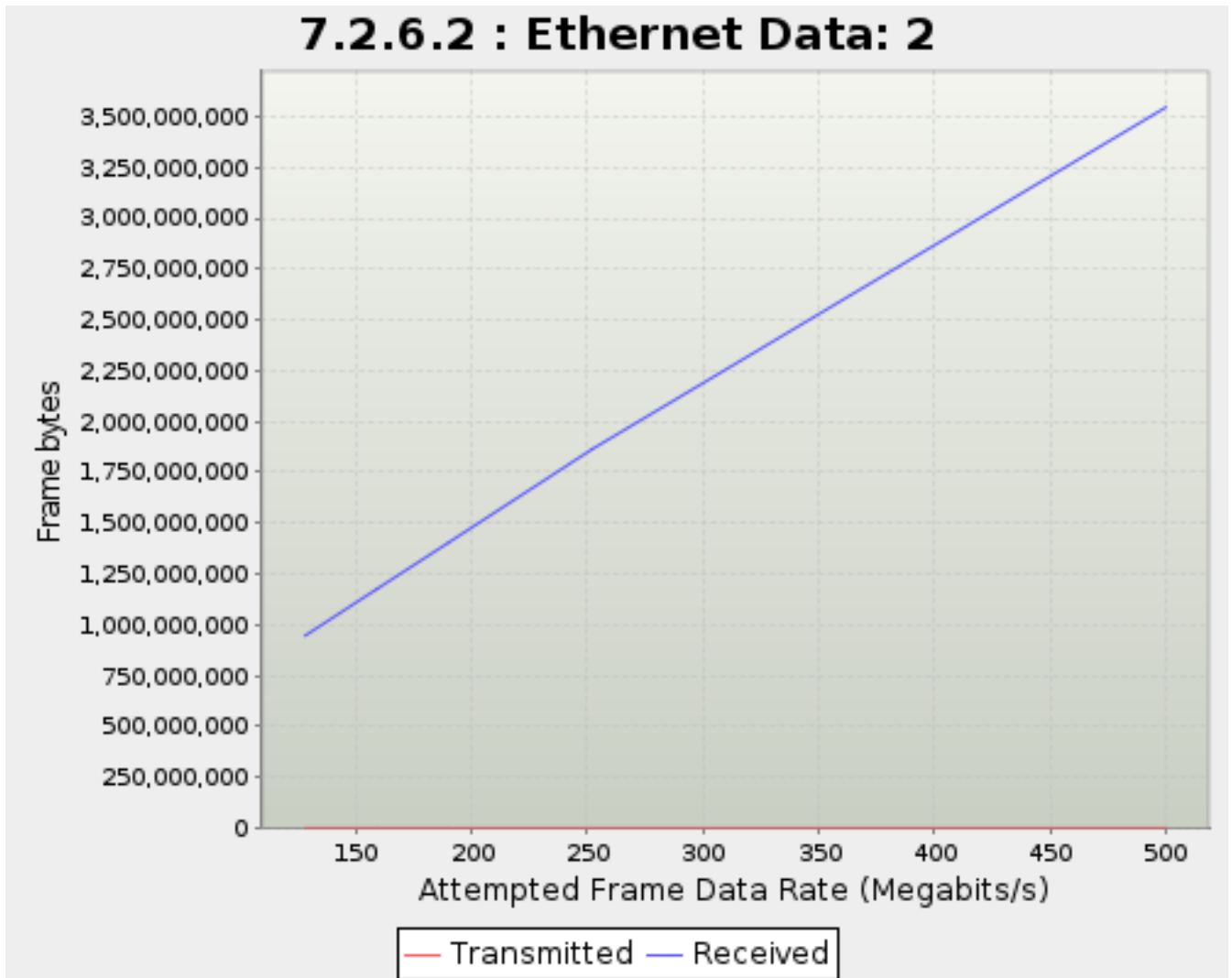
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.857	946,698,836	946,703,805 100.001%
159	63.494	1,175,990,056	1,175,997,505 100.001%
190	63.605	1,405,246,488	1,404,361,129 99.937%
252	65.308	1,863,795,292	1,863,576,427 99.988%
500	64.199	3,697,876,296	3,545,277,333 95.873%

7.2.6.1. Ethernet Data: 1



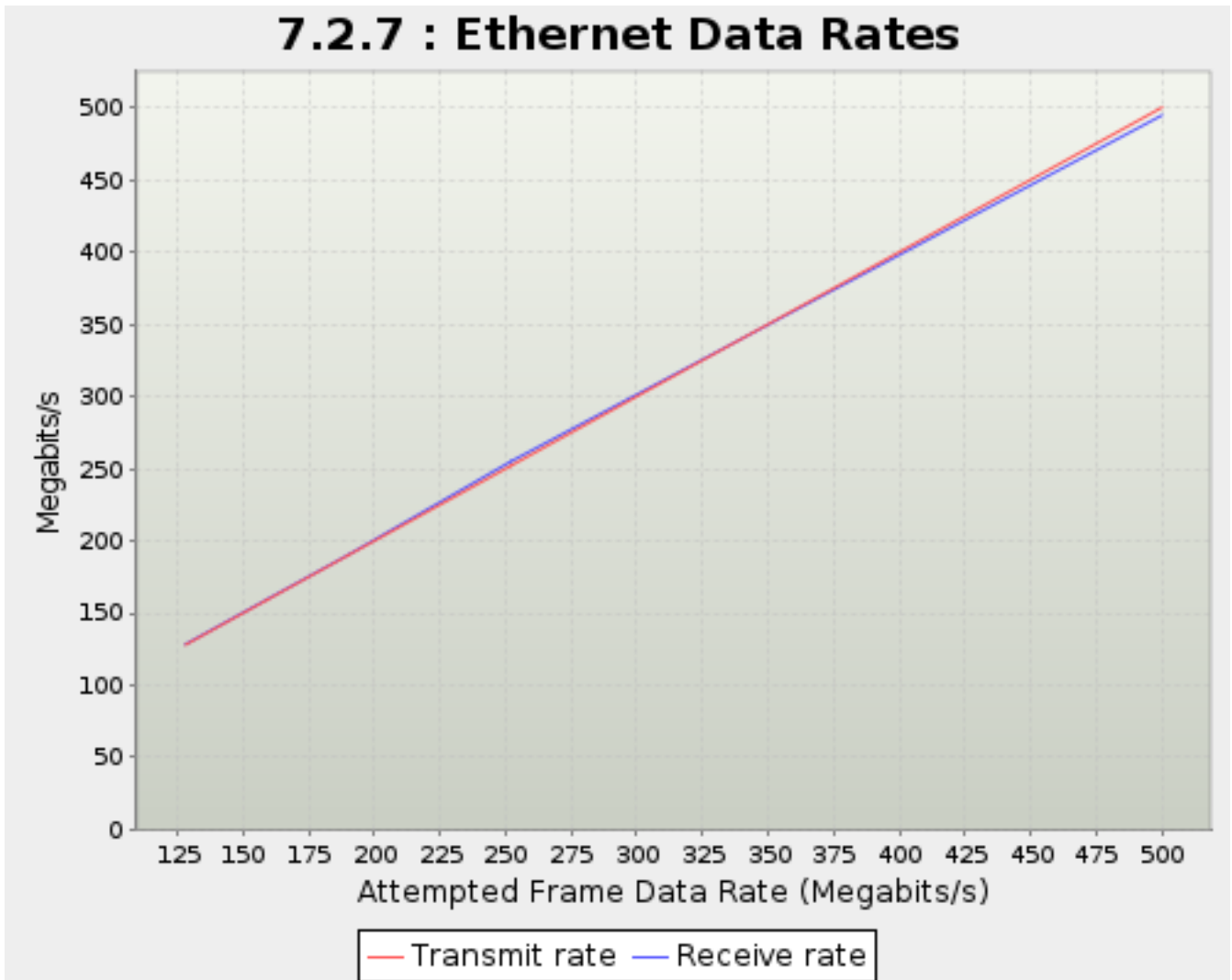
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.857	946,694,676	54,144 0.006%
159	63.494	1,175,985,896	33,024 0.003%
190	63.605	1,405,238,360	57,024 0.004%
252	65.308	1,863,791,132	64,640 0.003%
500	64.199	3,697,868,168	43,008 0.001%

7.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.857	4,160	946,649,661 22756001.466%
159	63.494	4,160	1,175,964,481 28268376.947%
190	63.605	8,128	1,404,304,105 17277363.497%
252	65.308	4,160	1,863,511,787 44795956.418%
500	64.199	8,128	3,545,234,325 43617548.290%

7.2.7. Ethernet Data Rates



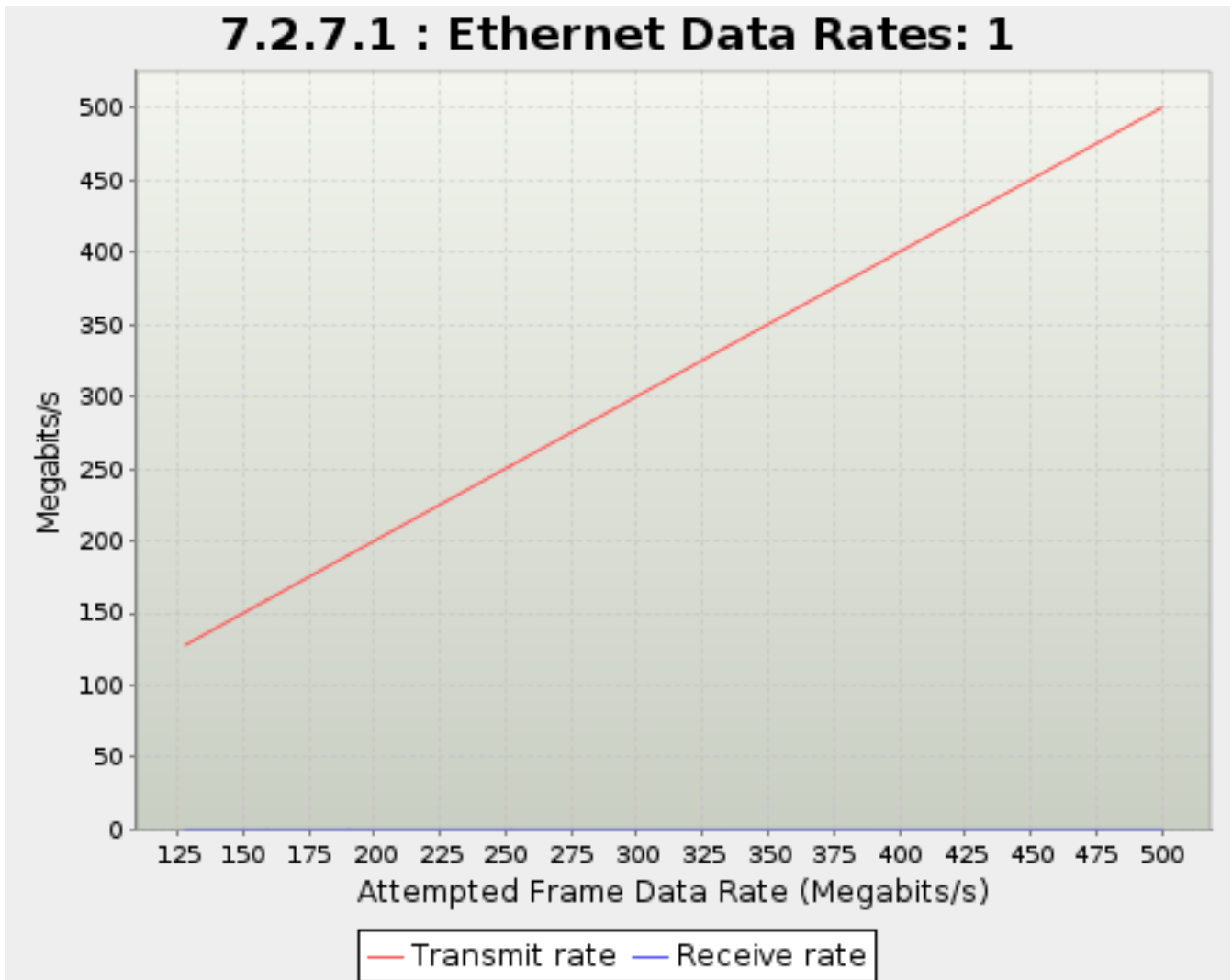
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.857	128.1	128.5
159	63.494	159.1	159.5
190	63.605	190.1	190.4
252	65.308	252.1	255.1
500	64.199	500.1	494.7

7.2.7.1. Ethernet Data Rates: 1



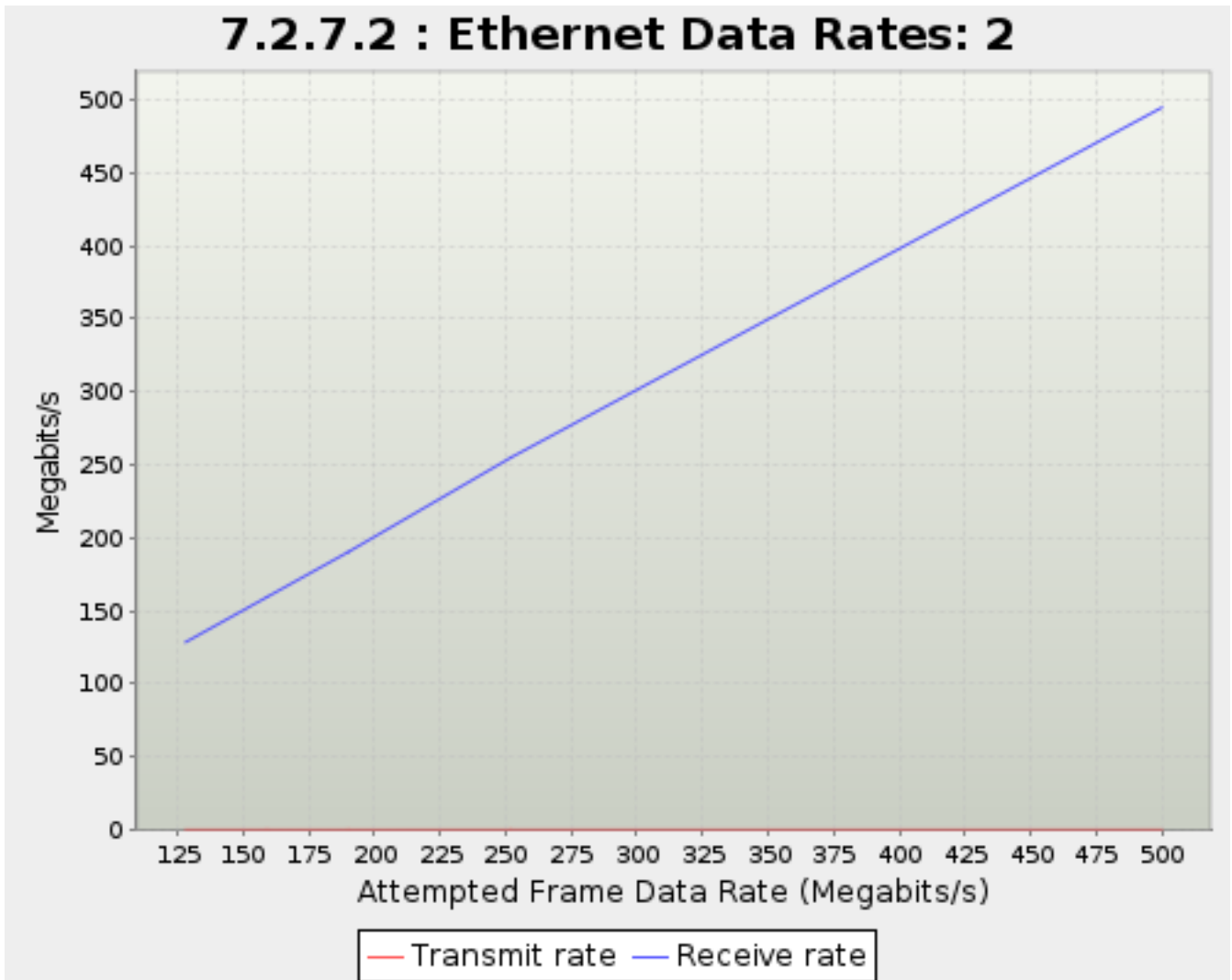
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.857	~128	0.03037
159	63.494	~159	0.02964
190	63.605	190.1	0.05524
252	65.308	252.1	0.06265
500	64.199	~500	0.03334

7.2.7.2. Ethernet Data Rates: 2



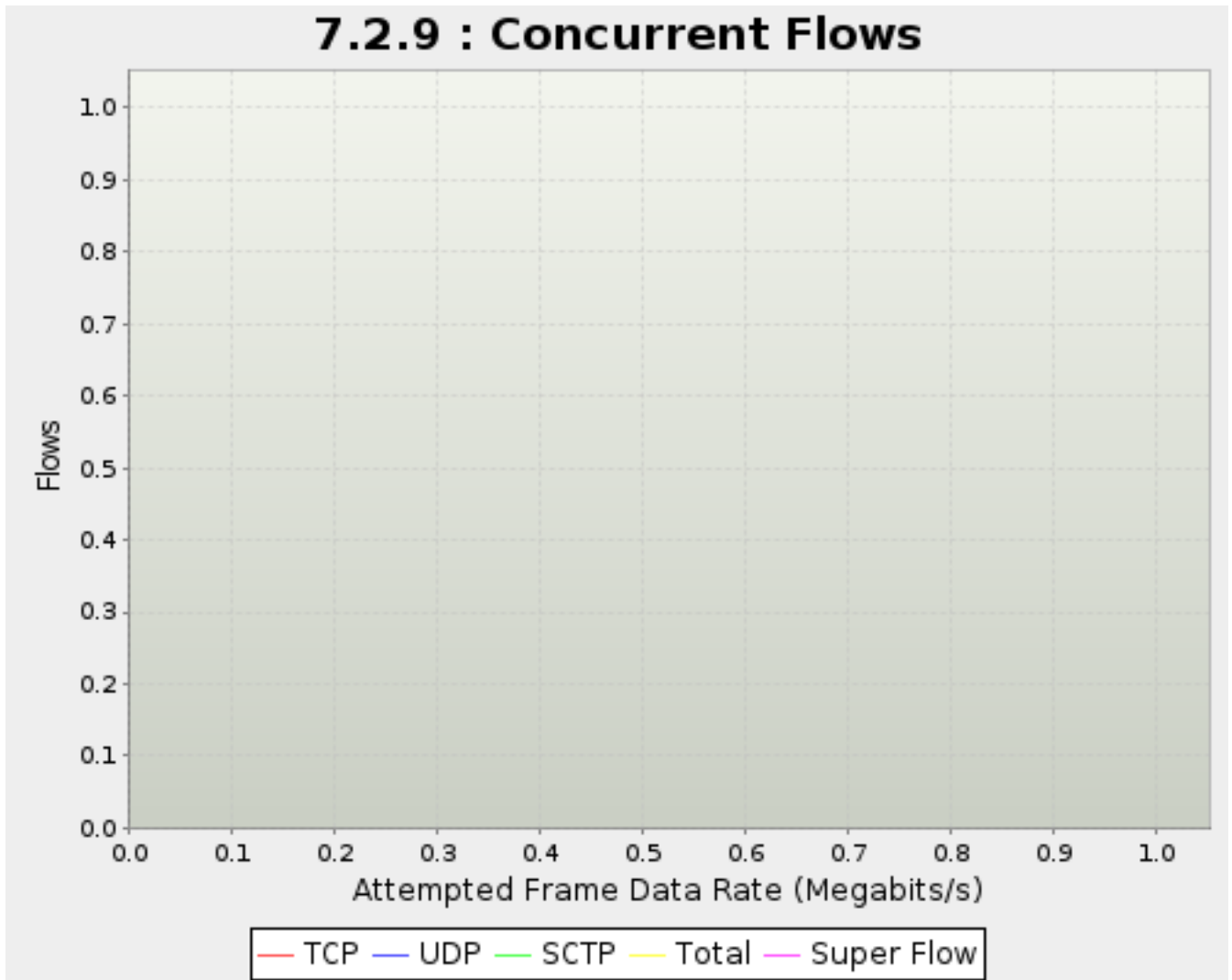
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

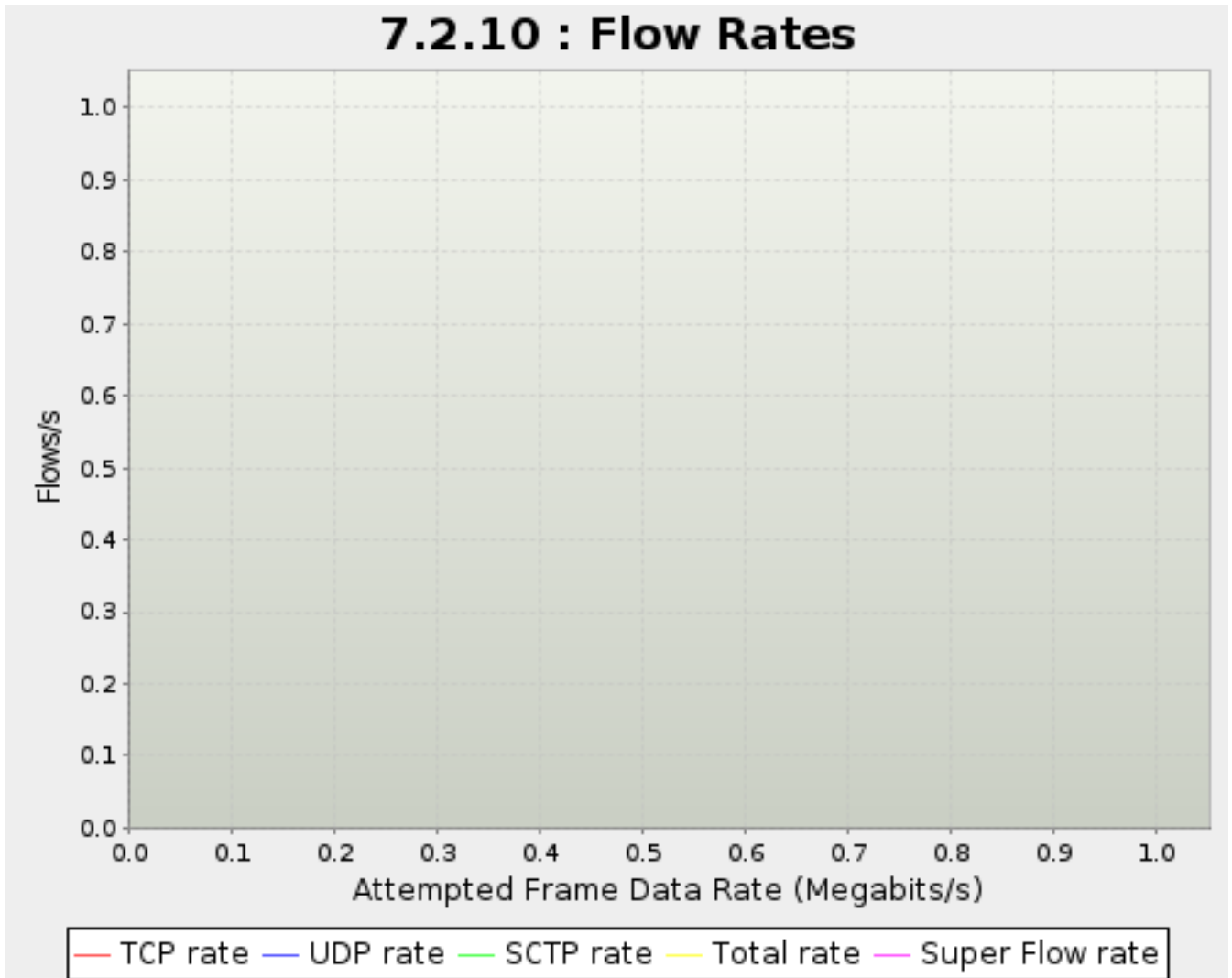
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.857	0.03301	128.5
159	63.494	0.02134	159.4
190	63.605	0.02156	190.3
252	65.308	0.03301	~255
500	64.199	0.03301	494.7

7.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
128	63.366	0	0	0	0	0
159	63.128	0	0	0	0	0
190	63.148	0	0	0	0	0
252	64.953	0	0	0	0	0
500	63.528	0	0	0	0	0

7.2.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	Sctp rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
128	63.366	0.00	0.00	0.00	0.00	0.00
159	63.128	0.00	0.00	0.00	0.00	0.00
190	63.148	0.00	0.00	0.00	0.00	0.00
252	64.953	0.00	0.00	0.00	0.00	0.00
500	63.528	0.00	0.00	0.00	0.00	0.00

7.2.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		192.168.0.0/16	192.168.0.1	up
128	0		10.201.0.0/16	10.201.0.254	up
159	0		192.168.0.0/16	192.168.0.1	up
159	0		10.201.0.0/16	10.201.0.254	up
190	0		10.201.0.0/16	10.201.0.254	up
190	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	up
500	0		10.201.0.0/16	10.201.0.254	up

7.2.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		192.168.0.0/16	192.168.0.1	up
159	0		192.168.0.0/16	192.168.0.1	up
190	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	0		192.168.0.0/16	192.168.0.1	up

7.2.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		10.201.0.0/16	10.201.0.254	up
159	0		10.201.0.0/16	10.201.0.254	up
190	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		10.201.0.0/16	10.201.0.254	up

7.2.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.858	6	6	921	903	0	18	0	0
159	63.495	6	6	591	533	0	58	0	0
190	63.607	6	6	1,028	946	0	82	0	0
252	65.303	6	6	1,024	1,007	0	17	0	0
500	64.194	6	6	809	793	0	16	0	0

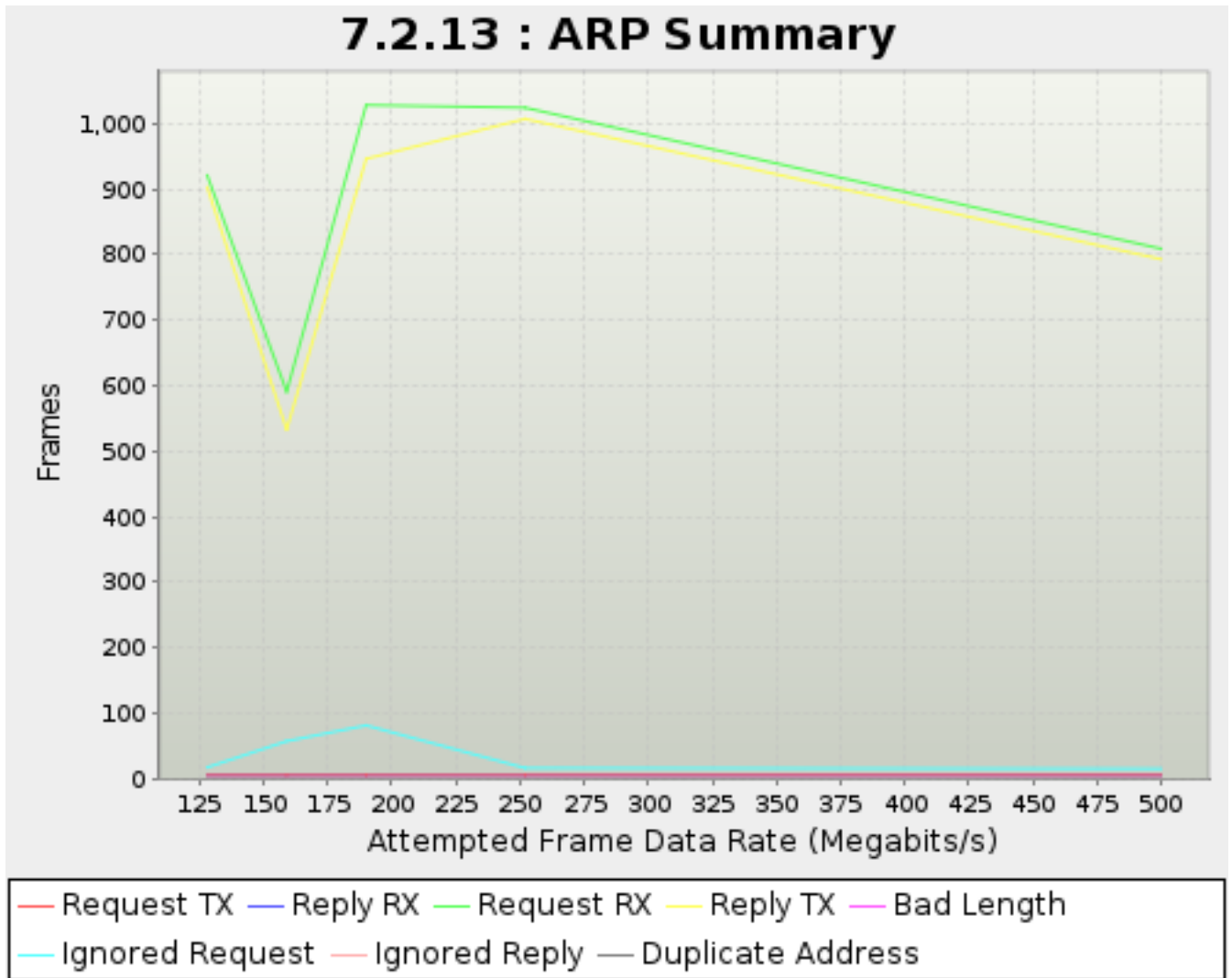
7.2.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.858	3	3	843	841	0	2	0	0
159	63.495	3	3	513	471	0	42	0	0
190	63.607	3	3	888	822	0	66	0	0
252	65.303	3	3	945	945	0	0	0	0
500	64.194	3	3	669	669	0	0	0	0

7.2.12.2. ARP: 2

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.858	3	3	78	62	0	16	0	0
159	63.495	3	3	78	62	0	16	0	0
190	63.607	3	3	140	124	0	16	0	0
252	65.303	3	3	79	62	0	17	0	0
500	64.194	3	3	140	124	0	16	0	0

7.2.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Frames</i>							
128	6	6	921	903	0	18	0	0
159	6	6	591	533	0	58	0	0
190	6	6	1,028	946	0	82	0	0
252	6	6	1,024	1,007	0	17	0	0
500	6	6	809	793	0	16	0	0

7.2.16. Slot 1 NP np1-0 statistics

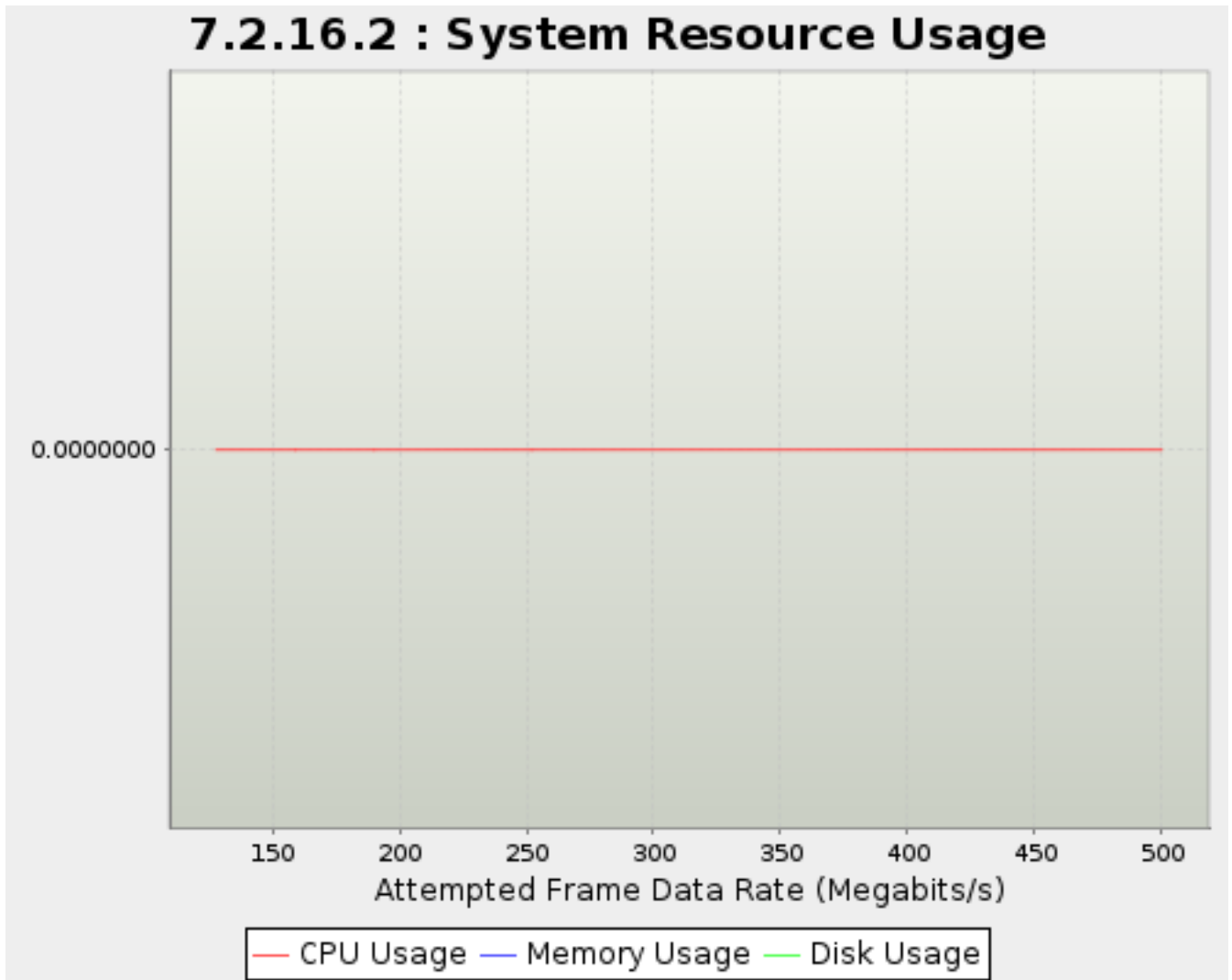
7.2.16.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

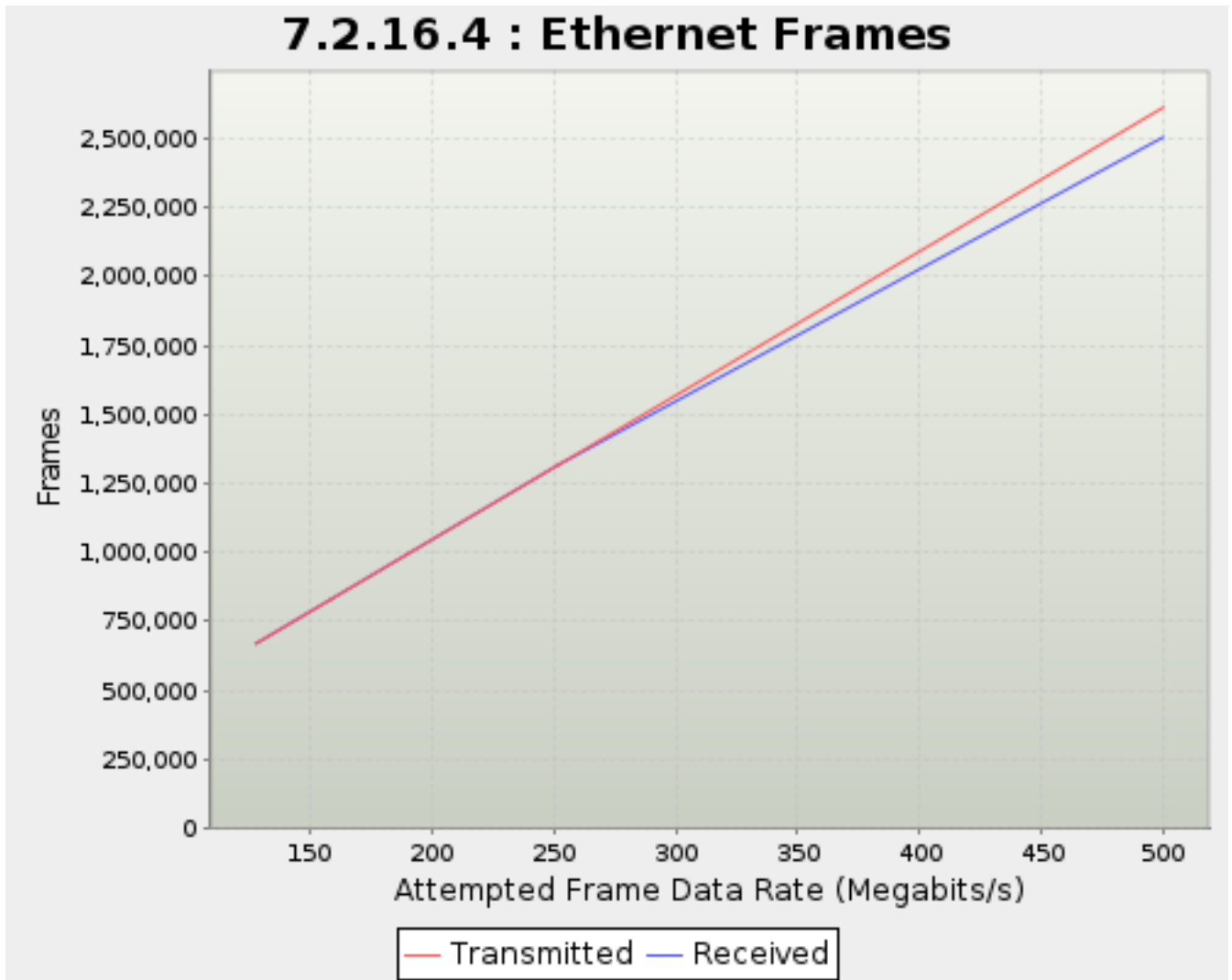
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0

7.2.16.2. System Resource Usage



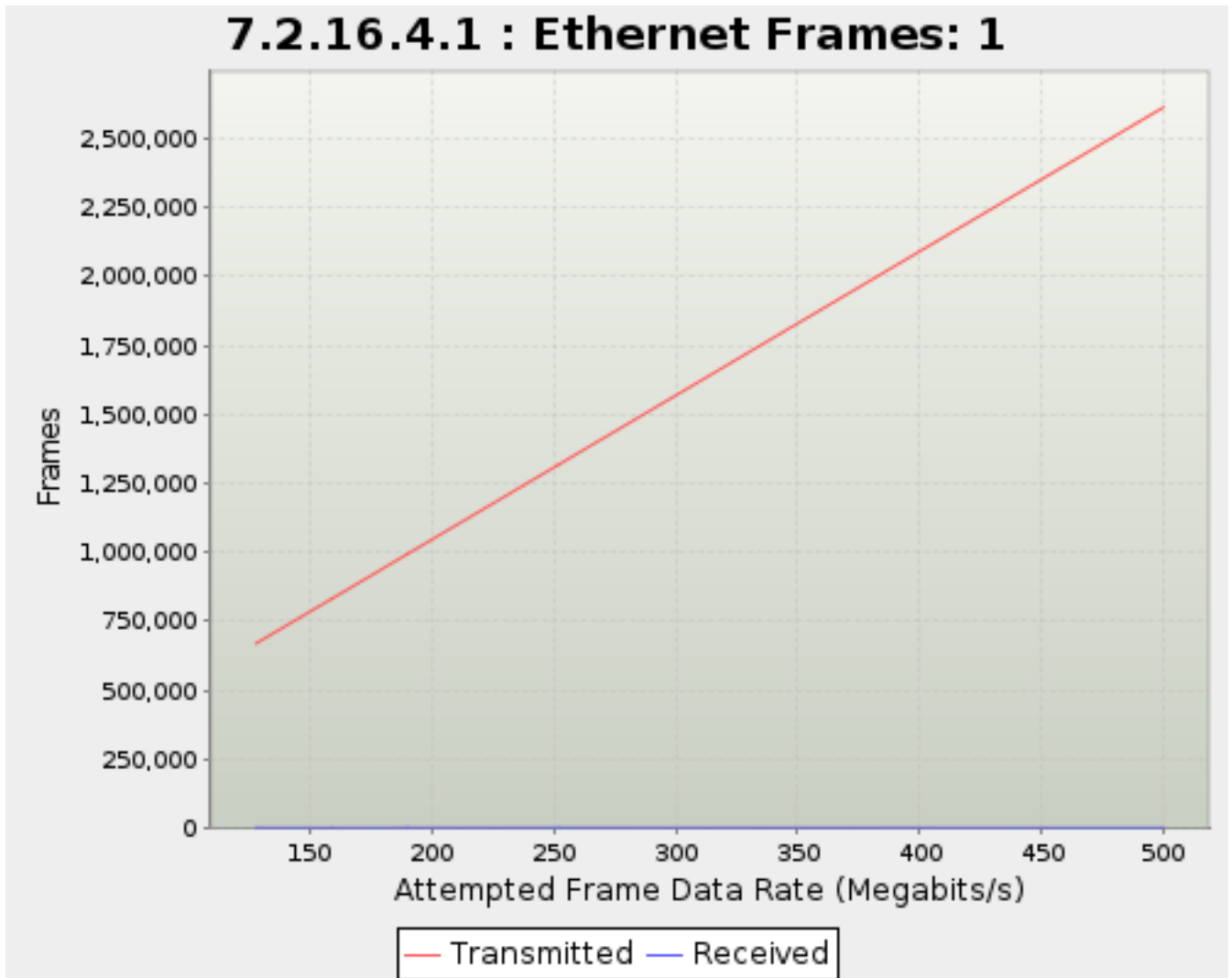
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	63.858	0	0	0
159	63.495	0	0	0
190	63.607	0	0	0
252	65.303	0	0	0
500	64.194	0	0	0

7.2.16.4. Ethernet Frames



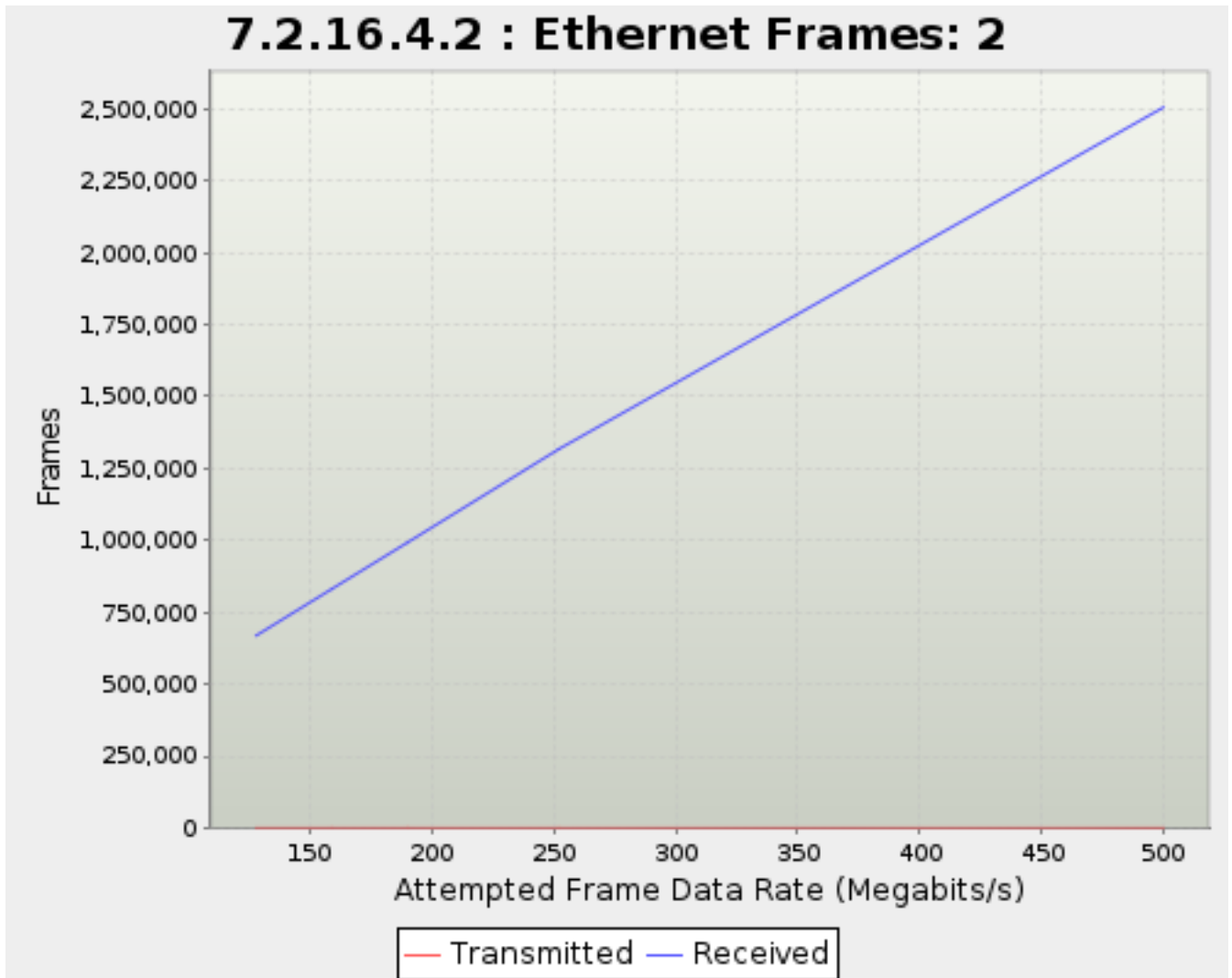
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frames</i>
128	63.857	669,913	669,983 100.010%
159	63.494	831,603	831,713 100.013%
190	63.605	994,016	993,517 99.950%
252	65.308	1,318,137	1,318,109 99.998%
500	64.199	2,614,103	2,506,324 95.877%

7.2.16.4.1. Ethernet Frames: 1



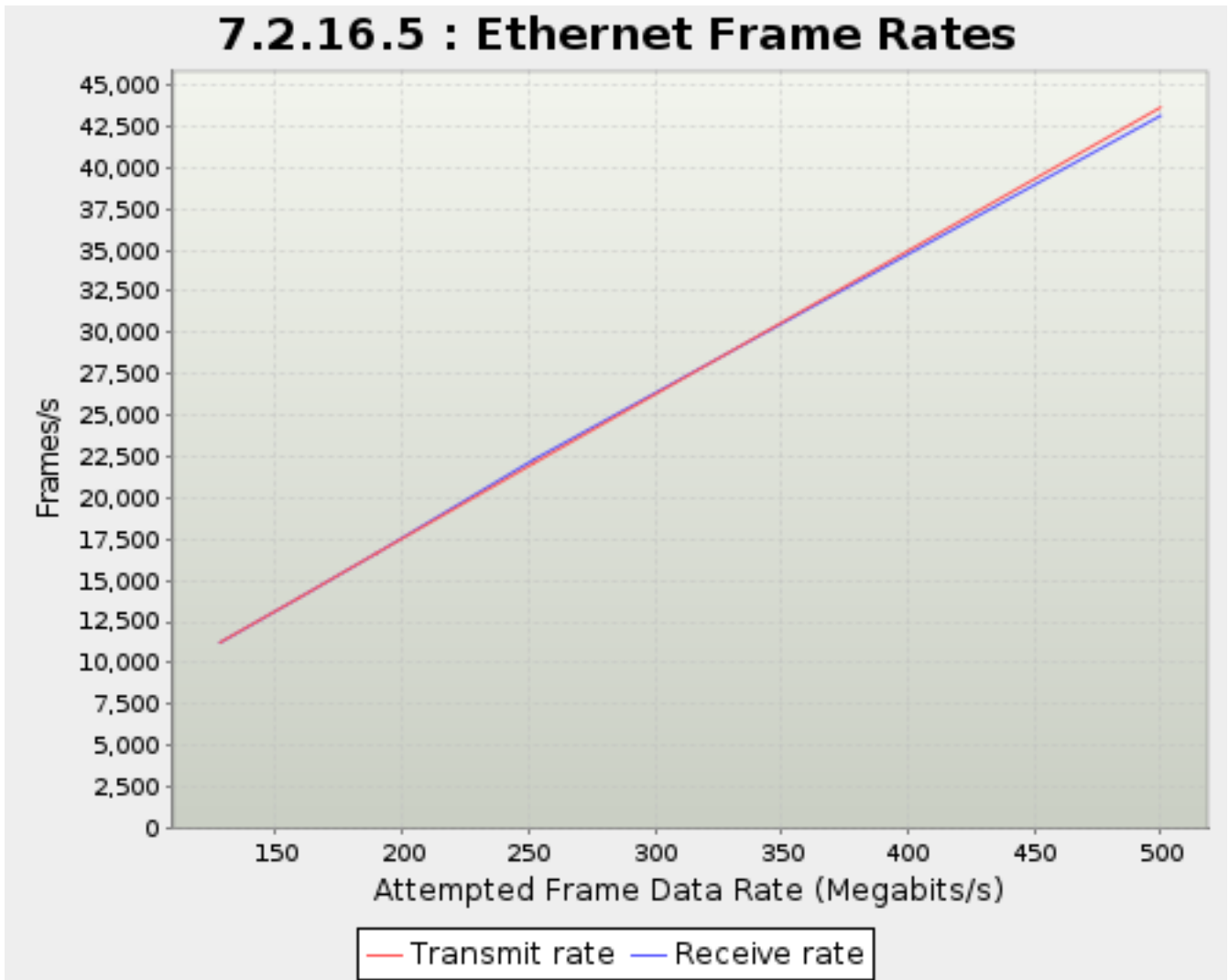
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.857	669,848	846 0.126%
159	63.494	831,538	516 0.062%
190	63.605	993,889	891 0.090%
252	65.308	1,318,072	1,010 0.077%
500	64.199	2,613,976	672 0.026%

7.2.16.4.2. Ethernet Frames: 2



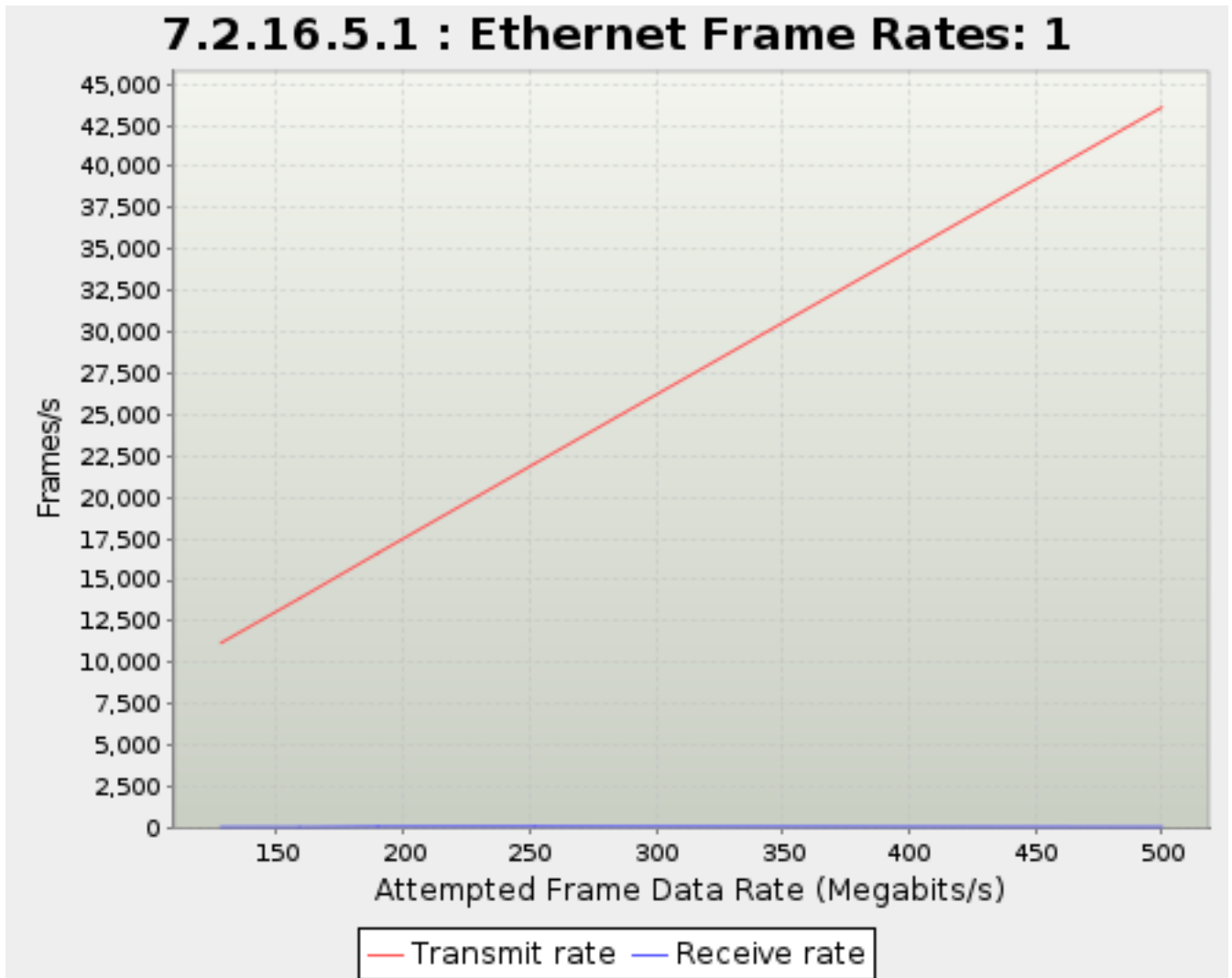
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.857	65	669,137 1029441.538%
159	63.494	65	831,197 1278764.615%
190	63.605	127	992,626 781595.276%
252	65.308	65	1,317,099 2026306.154%
500	64.199	127	2,505,652 1972954.331%

7.2.16.5. Ethernet Frame Rates



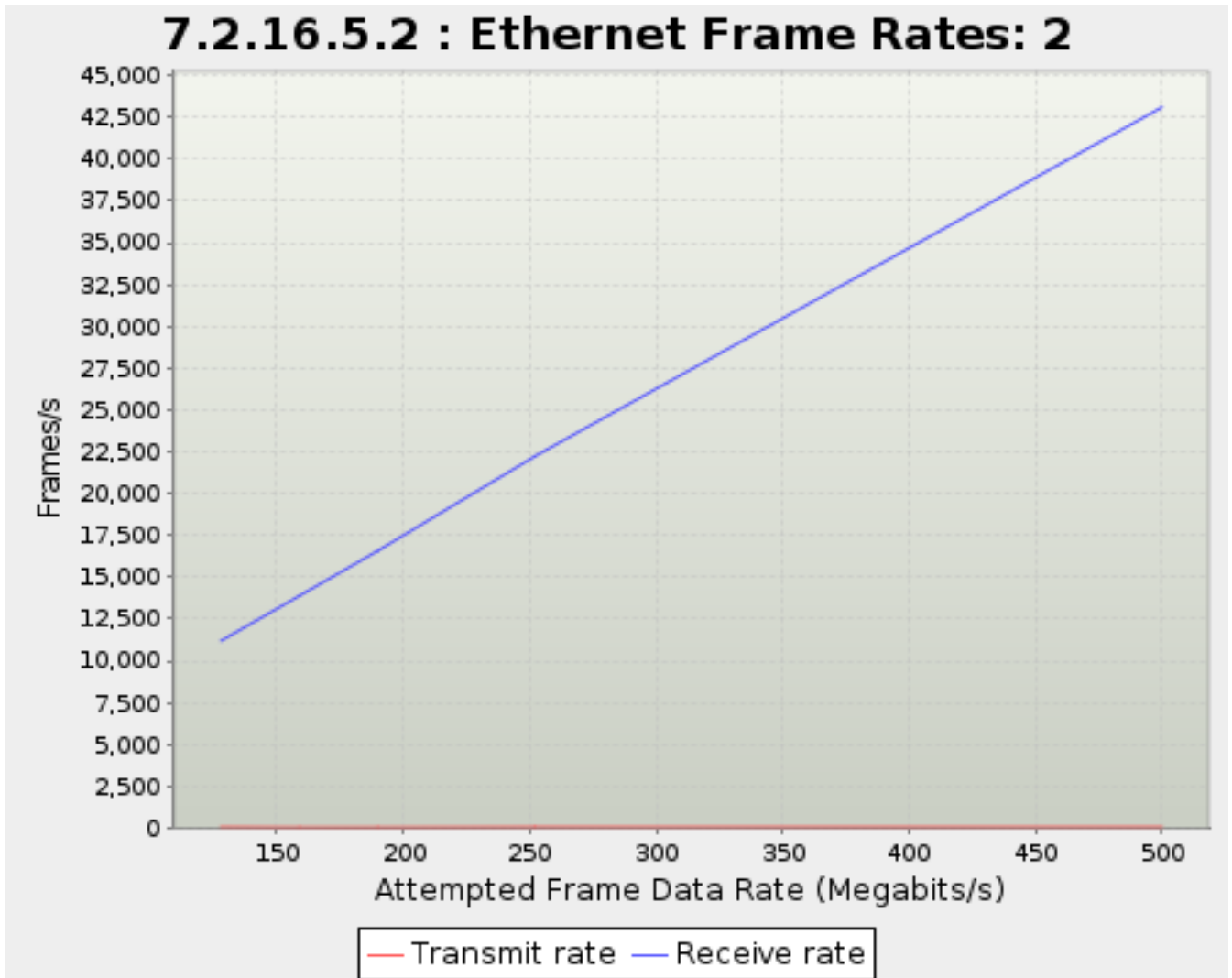
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.857	~11250	~11240
159	63.494	~13930	~13930
190	63.605	~16660	~16660
252	65.308	~22090	~22310
500	64.199	~43640	~43140

7.2.16.5.1. Ethernet Frame Rates: 1



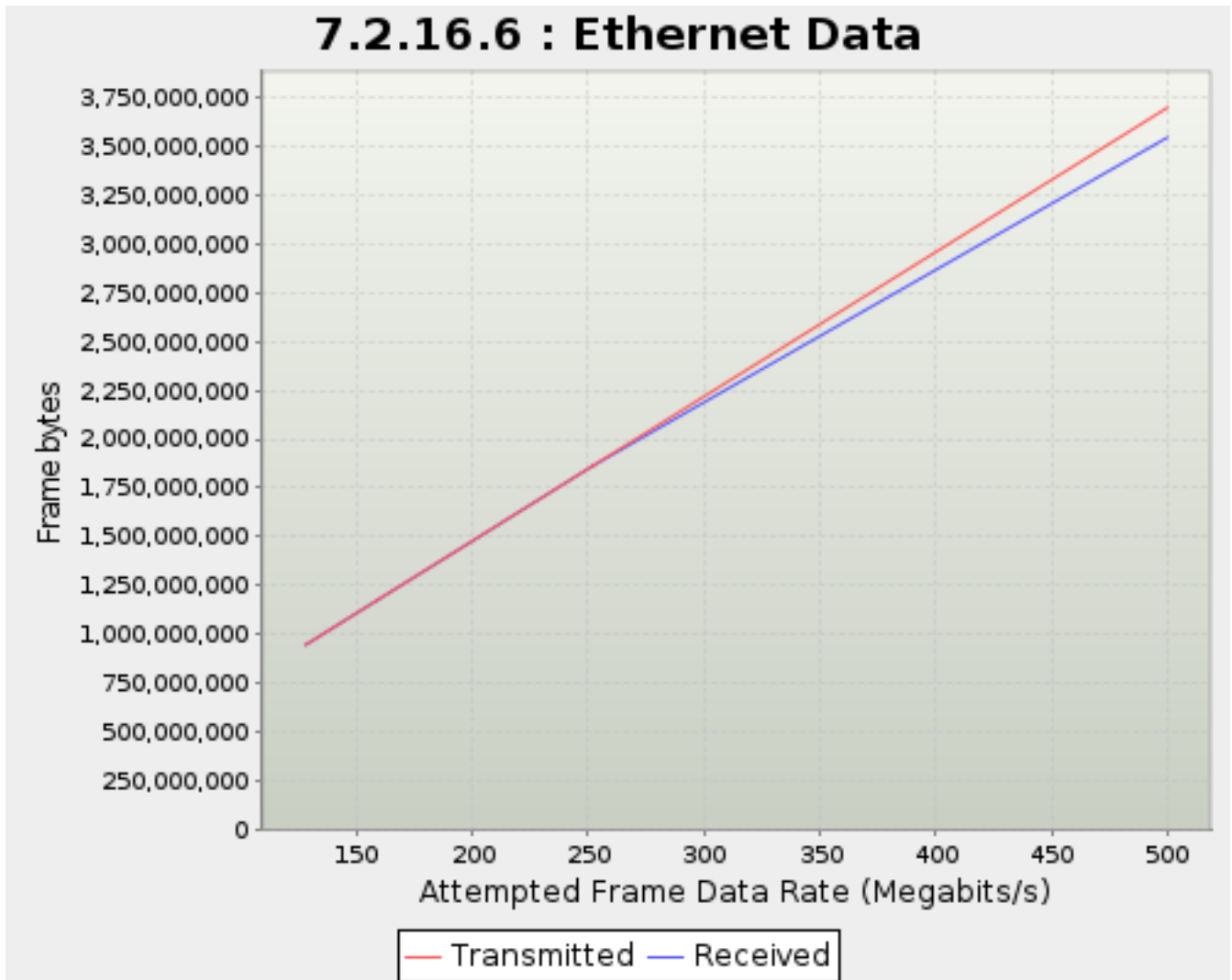
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
128	63.857	~11200	45.20
159	63.494	~13890	44.11
190	63.605	~16630	82.20
252	65.308	~22040	93.22
500	64.199	~43590	49.62

7.2.16.5.2. Ethernet Frame Rates: 2



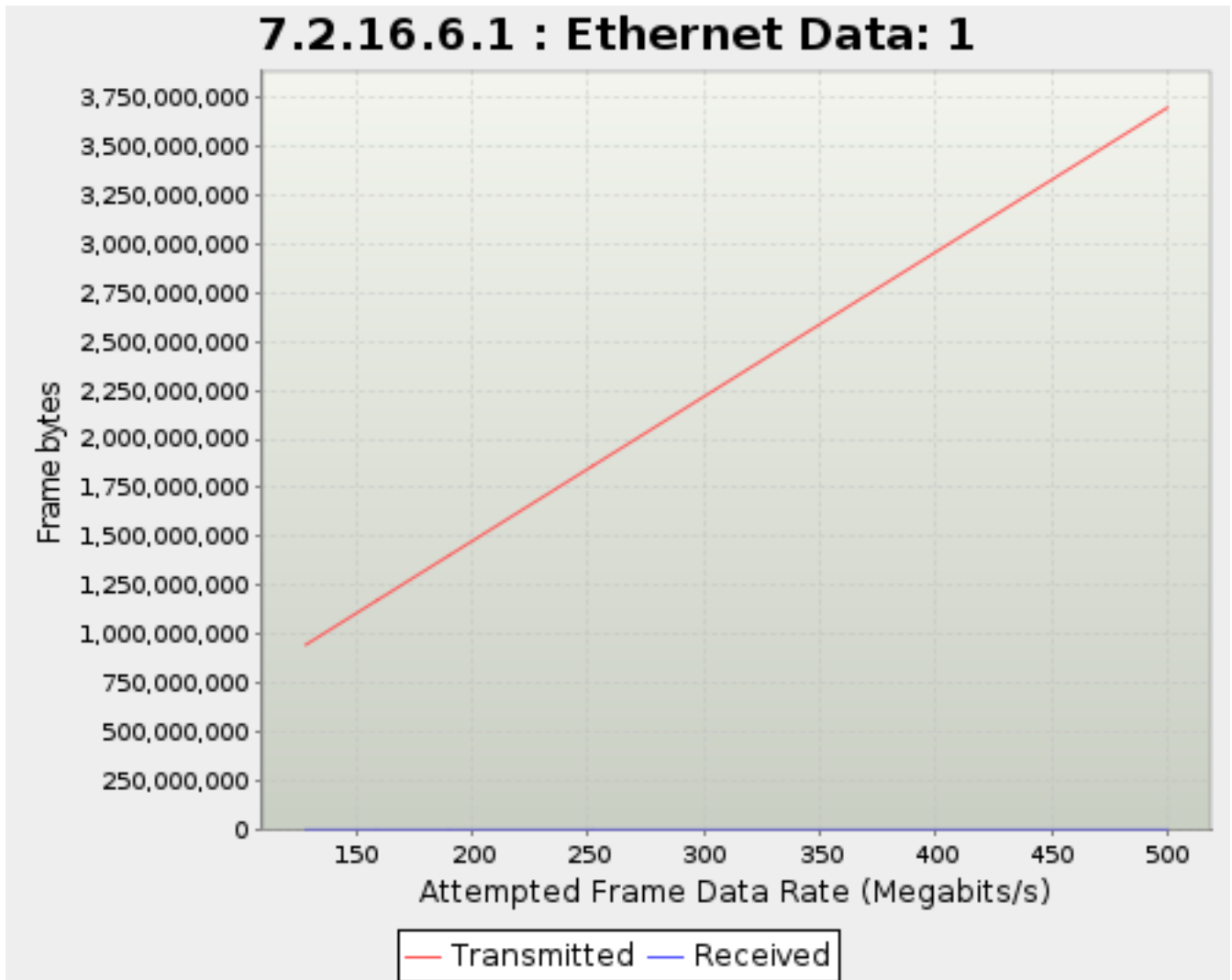
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.857	49.12	~11200
159	63.494	31.76	~13890
190	63.605	32.08	~16580
252	65.308	49.12	~22220
500	64.199	49.12	~43090

7.2.16.6. Ethernet Data



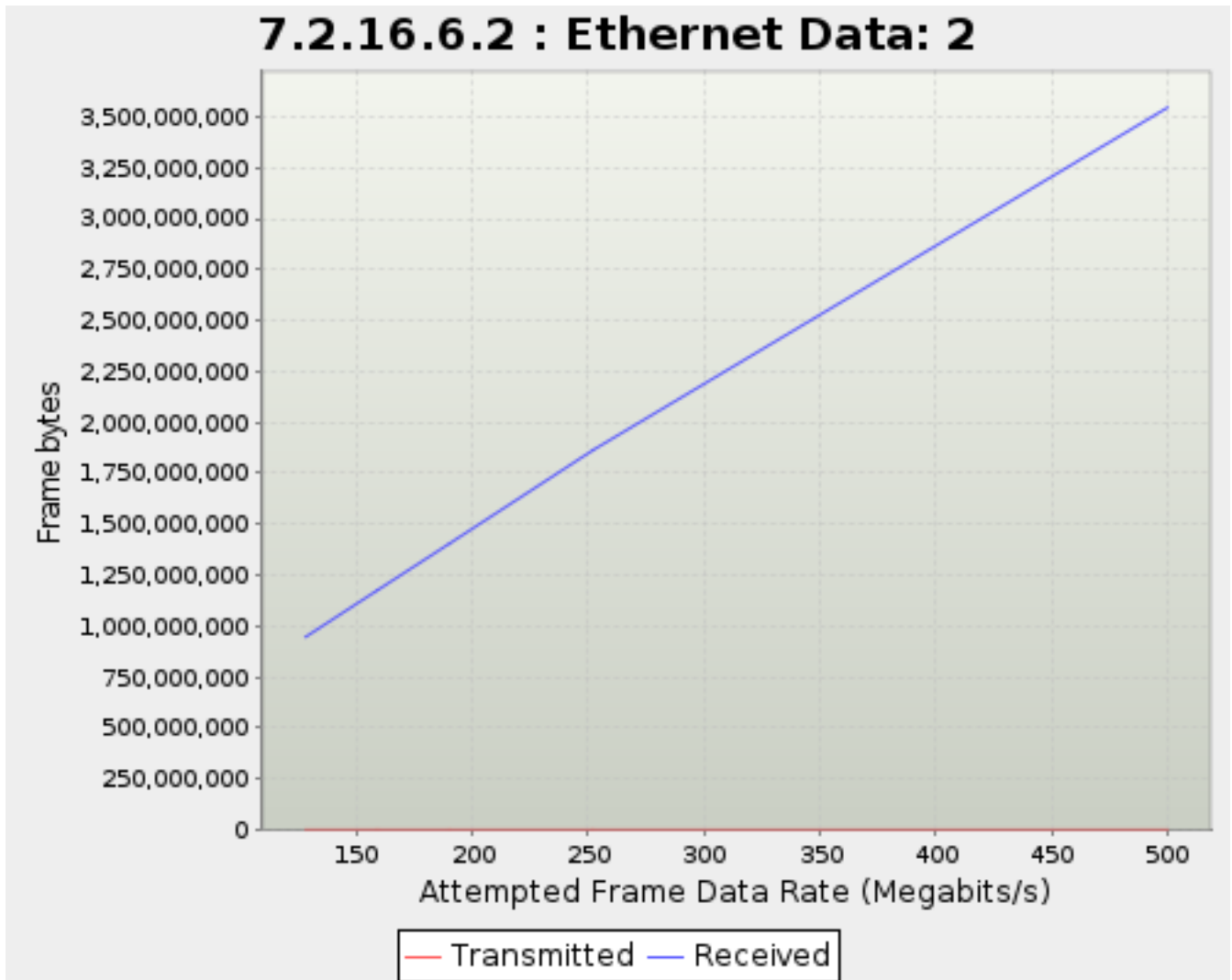
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.857	946,698,836	946,703,805 100.001%
159	63.494	1,175,990,056	1,175,997,505 100.001%
190	63.605	1,405,246,488	1,404,361,129 99.937%
252	65.308	1,863,795,292	1,863,576,427 99.988%
500	64.199	3,697,876,296	3,545,277,333 95.873%

7.2.16.6.1. Ethernet Data: 1



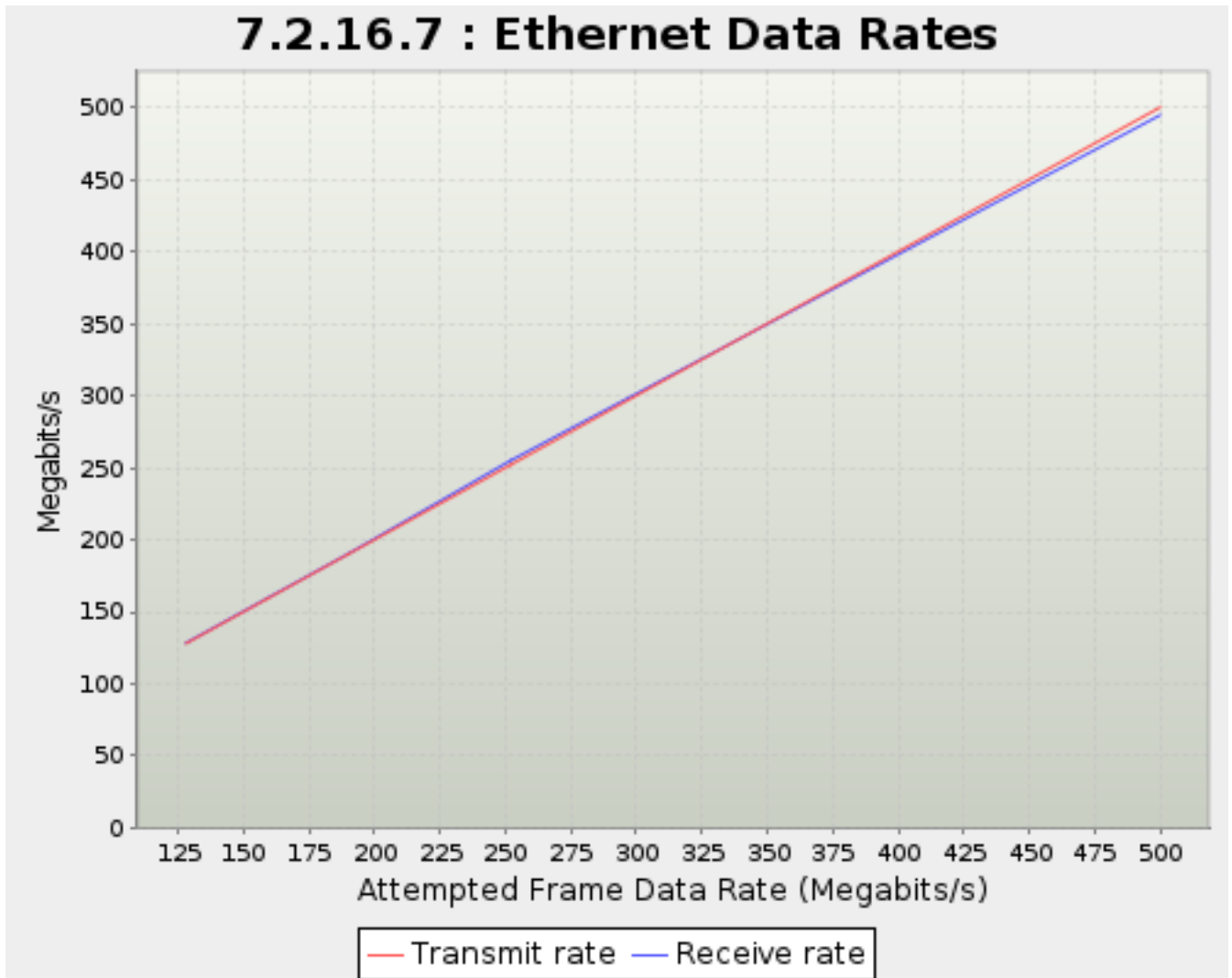
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.857	946,694,676	54,144 0.006%
159	63.494	1,175,985,896	33,024 0.003%
190	63.605	1,405,238,360	57,024 0.004%
252	65.308	1,863,791,132	64,640 0.003%
500	64.199	3,697,868,168	43,008 0.001%

7.2.16.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.857	4,160	946,649,661 22756001.466%
159	63.494	4,160	1,175,964,481 28268376.947%
190	63.605	8,128	1,404,304,105 17277363.497%
252	65.308	4,160	1,863,511,787 44795956.418%
500	64.199	8,128	3,545,234,325 43617548.290%

7.2.16.7. Ethernet Data Rates



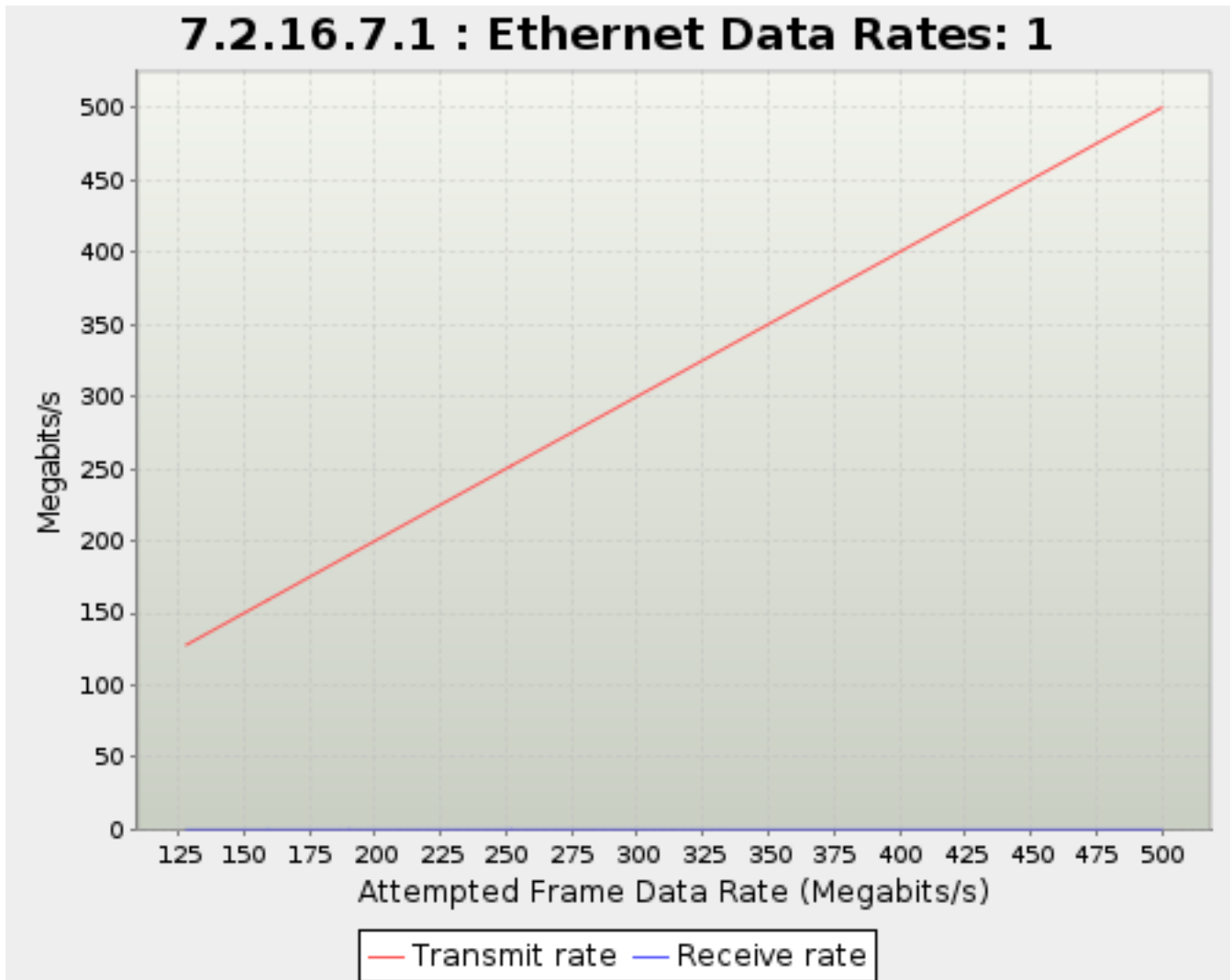
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.857	128.1	128.5
159	63.494	159.1	159.5
190	63.605	190.1	190.4
252	65.308	252.1	255.1
500	64.199	500.1	494.7

7.2.16.7.1. Ethernet Data Rates: 1



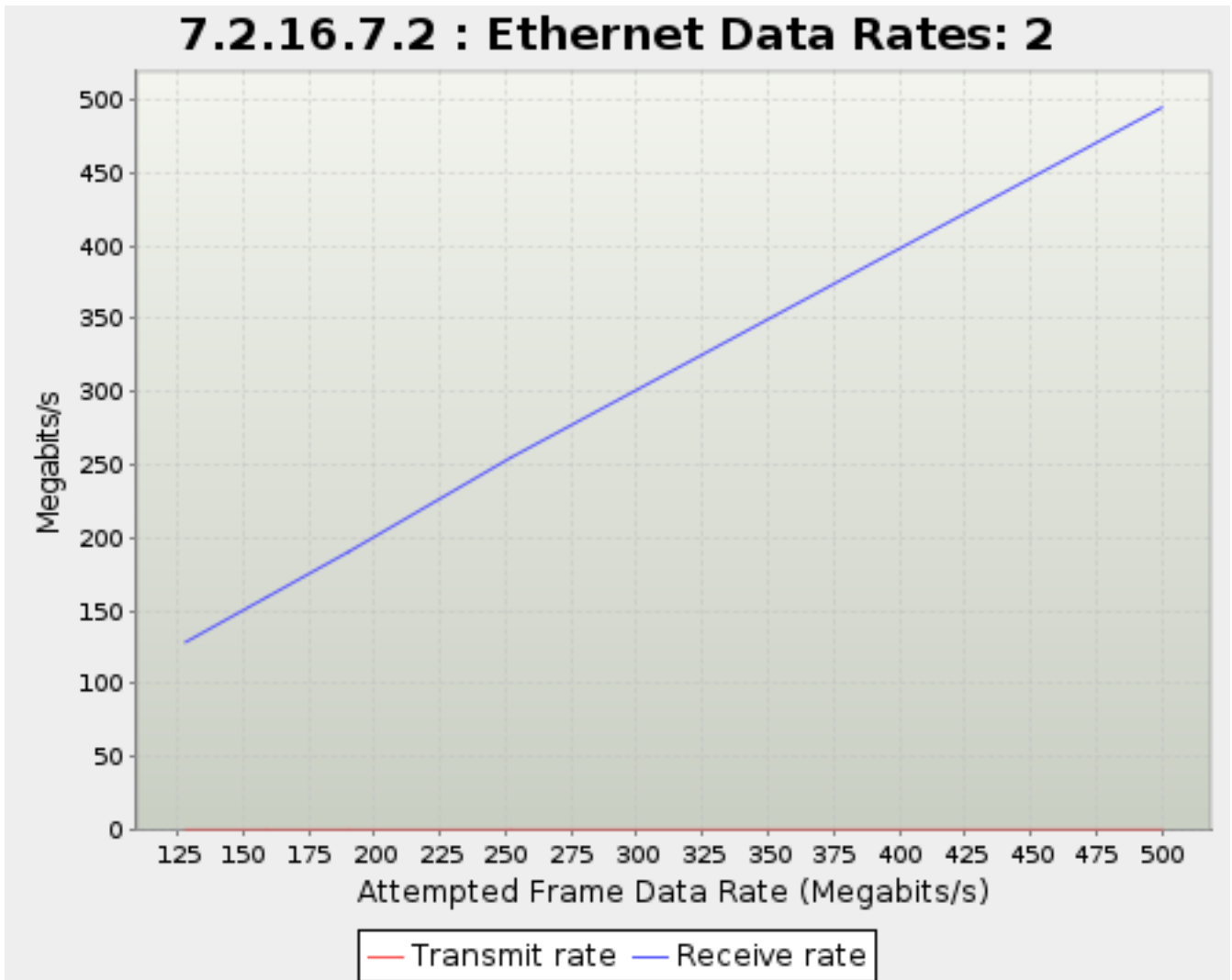
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.857	~128	0.03037
159	63.494	~159	0.02964
190	63.605	190.1	0.05524
252	65.308	252.1	0.06265
500	64.199	~500	0.03334

7.2.16.7.2. Ethernet Data Rates: 2



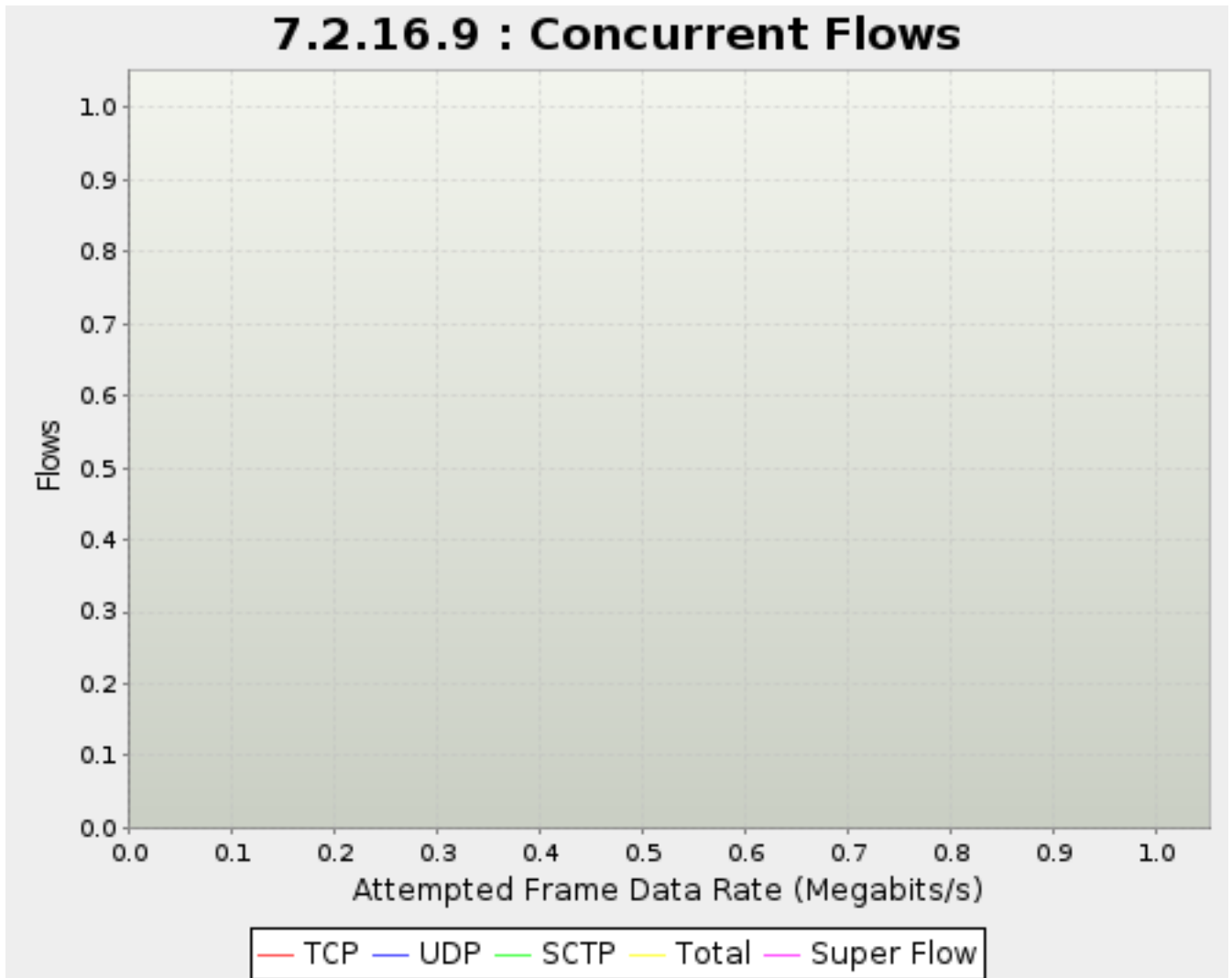
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

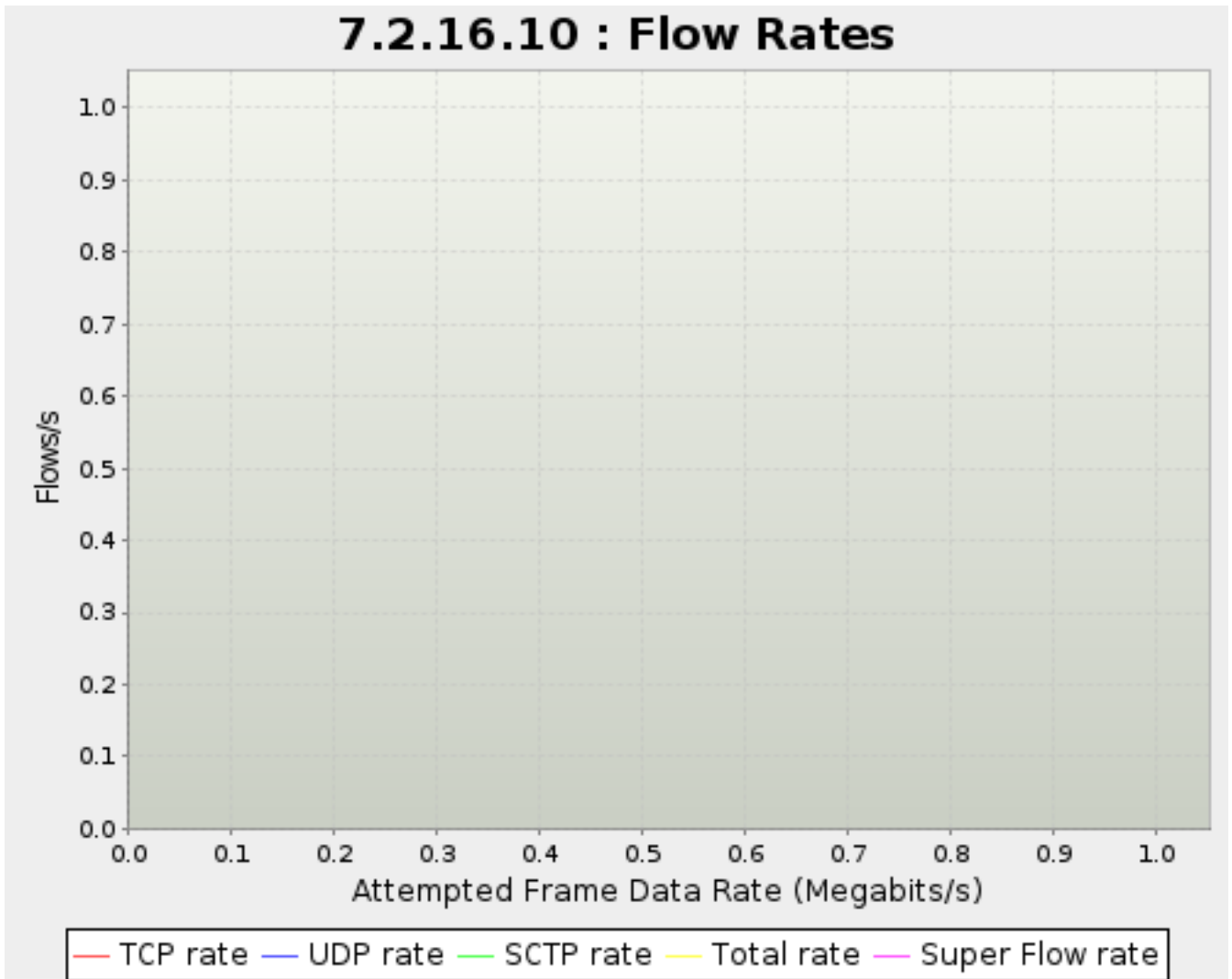
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.857	0.03301	128.5
159	63.494	0.02134	159.4
190	63.605	0.02156	190.3
252	65.308	0.03301	~255
500	64.199	0.03301	494.7

7.2.16.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
128	63.366	0	0	0	0	0
159	63.128	0	0	0	0	0
190	63.148	0	0	0	0	0
252	64.953	0	0	0	0	0
500	63.528	0	0	0	0	0

7.2.16.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	Sctp rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
128	63.366	0.00	0.00	0.00	0.00	0.00
159	63.128	0.00	0.00	0.00	0.00	0.00
190	63.148	0.00	0.00	0.00	0.00	0.00
252	64.953	0.00	0.00	0.00	0.00	0.00
500	63.528	0.00	0.00	0.00	0.00	0.00

7.2.16.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		192.168.0.0/16	192.168.0.1	up
128	0		10.201.0.0/16	10.201.0.254	up
159	0		192.168.0.0/16	192.168.0.1	up
159	0		10.201.0.0/16	10.201.0.254	up
190	0		10.201.0.0/16	10.201.0.254	up
190	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	up
500	0		10.201.0.0/16	10.201.0.254	up

7.2.16.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		192.168.0.0/16	192.168.0.1	up
159	0		192.168.0.0/16	192.168.0.1	up
190	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	0		192.168.0.0/16	192.168.0.1	up

7.2.16.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		10.201.0.0/16	10.201.0.254	up
159	0		10.201.0.0/16	10.201.0.254	up
190	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		10.201.0.0/16	10.201.0.254	up

7.2.16.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.858	6	6	921	903	0	18	0	0
159	63.495	6	6	591	533	0	58	0	0
190	63.607	6	6	1,028	946	0	82	0	0
252	65.303	6	6	1,024	1,007	0	17	0	0
500	64.194	6	6	809	793	0	16	0	0

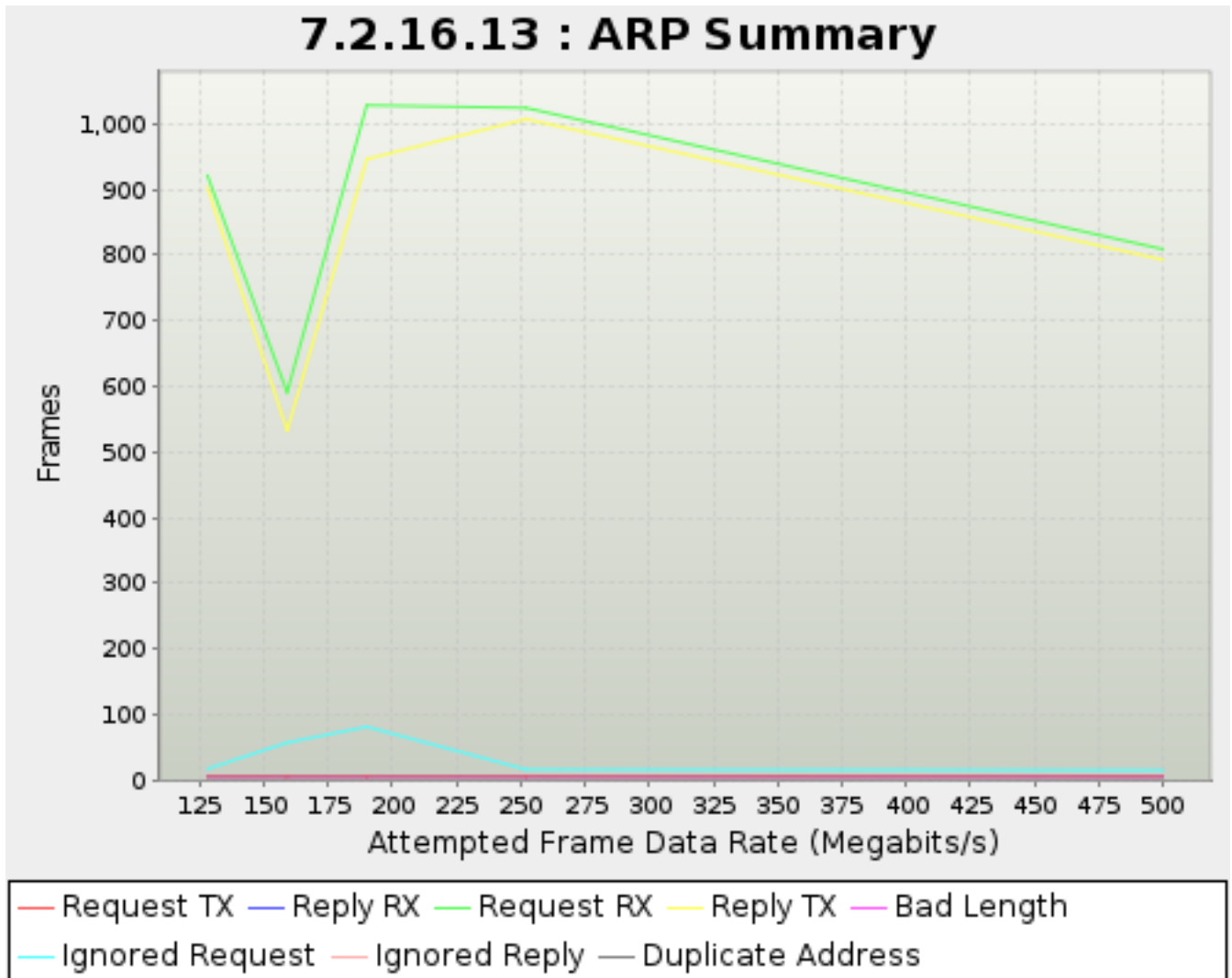
7.2.16.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.858	3	3	843	841	0	2	0	0
159	63.495	3	3	513	471	0	42	0	0
190	63.607	3	3	888	822	0	66	0	0
252	65.303	3	3	945	945	0	0	0	0
500	64.194	3	3	669	669	0	0	0	0

7.2.16.12.2. ARP: 2

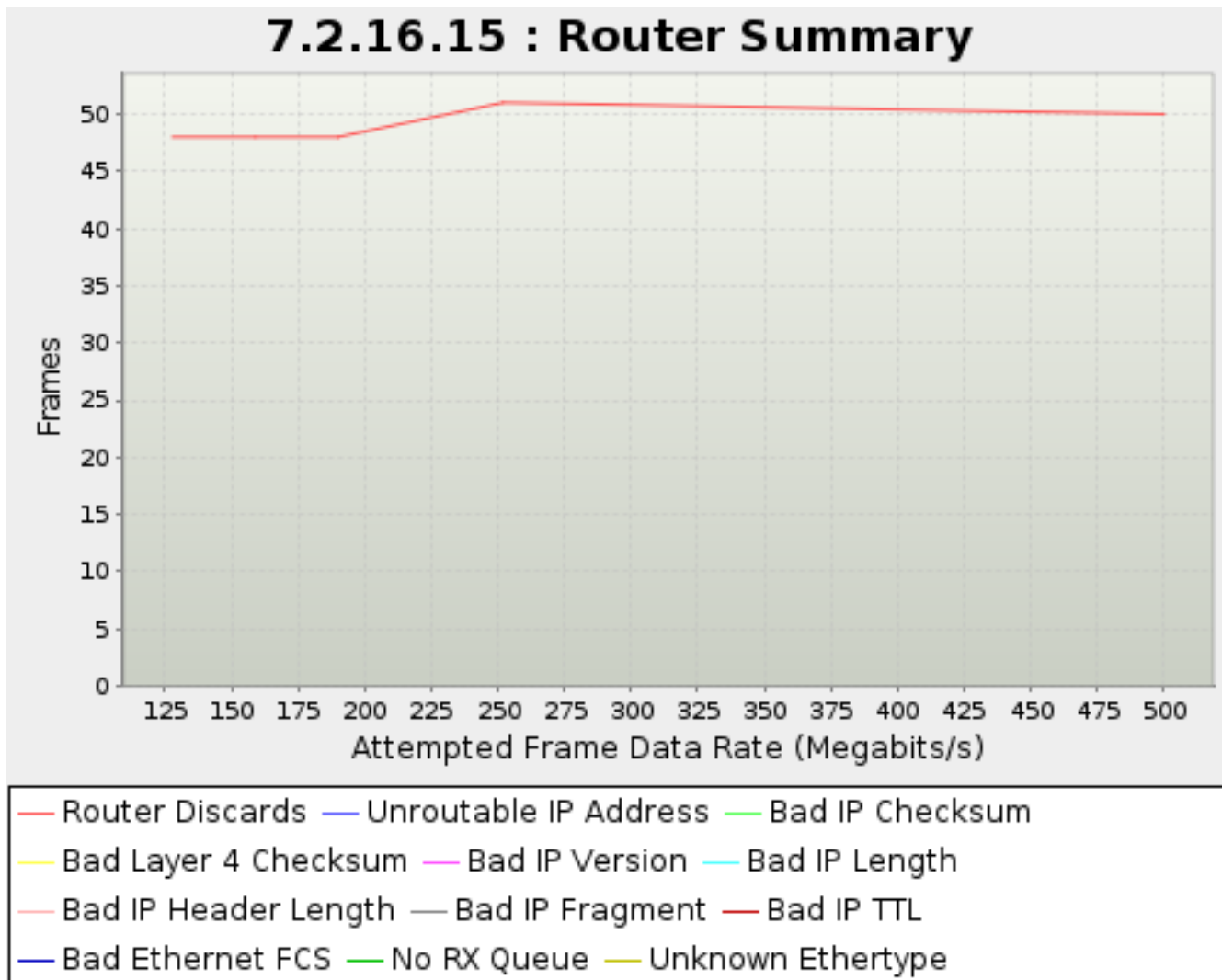
Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.858	3	3	78	62	0	16	0	0
159	63.495	3	3	78	62	0	16	0	0
190	63.607	3	3	140	124	0	16	0	0
252	65.303	3	3	79	62	0	17	0	0
500	64.194	3	3	140	124	0	16	0	0

7.2.16.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
<i>Frames</i>								
128	6	6	921	903	0	18	0	0
159	6	6	591	533	0	58	0	0
190	6	6	1,028	946	0	82	0	0
252	6	6	1,024	1,007	0	17	0	0
500	6	6	809	793	0	16	0	0

7.2.16.15. Router Summary



Attempted Frame Data Rate	Router Discards	Unroutable IP Address	Bad IP Checksum	Bad Layer 4 Checksum	Bad IP Version	Bad IP Length	Bad IP Header Length	Bad IP Fragment	Bad IP TTL	Bad Ethernet FCS	No RX Queue	Unknown Ethertype
	Frames											
128	48	0	0	0	0	0	0	0	0	0	0	0
159	48	0	0	0	0	0	0	0	0	0	0	0
190	48	0	0	0	0	0	0	0	0	0	0	0
252	51	0	0	0	0	0	0	0	0	0	0	0
500	50	0	0	0	0	0	0	0	0	0	0	0

7.2.17. System Controller 0 statistics

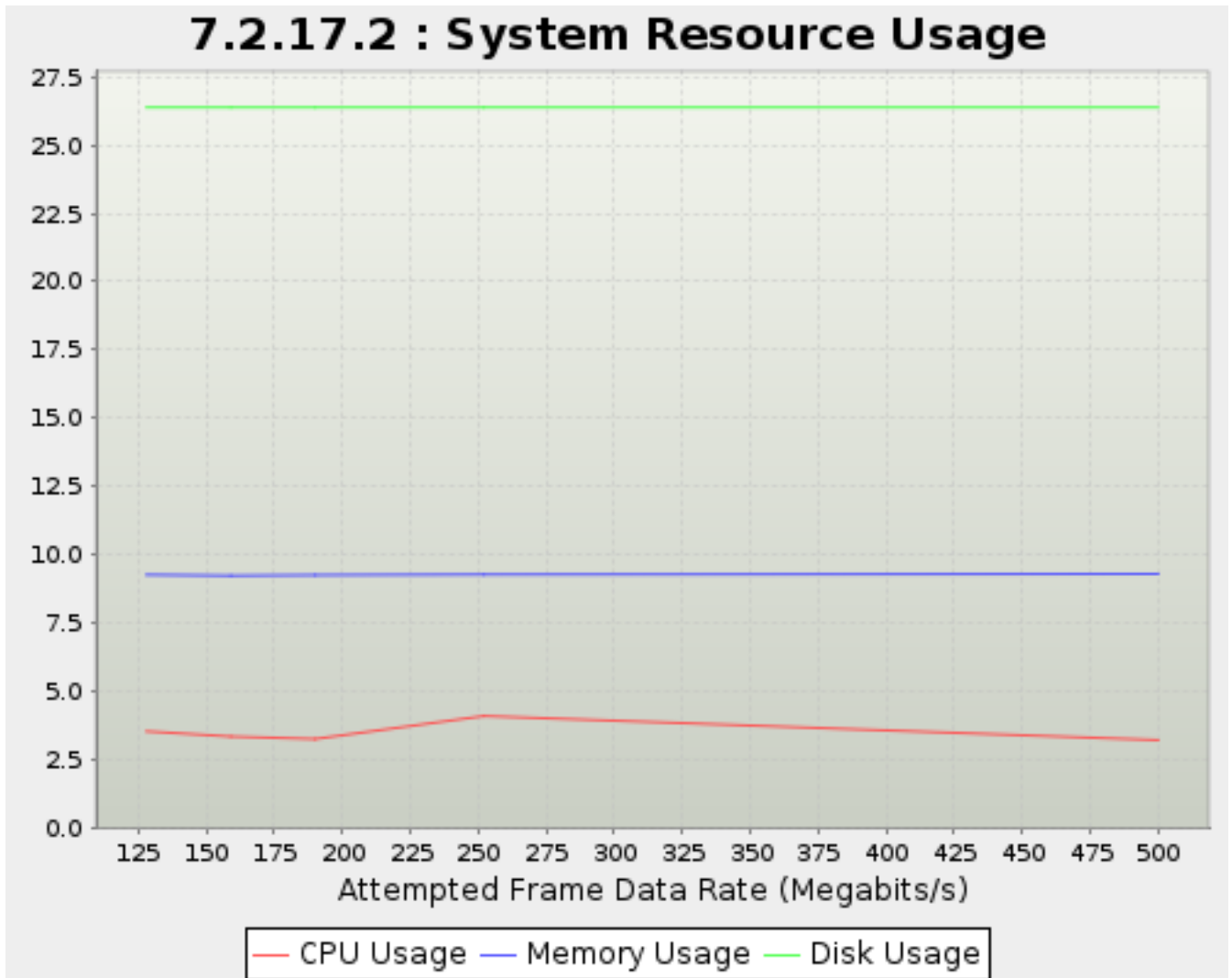
7.2.17.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

Component	Resource Used
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

7.2.17.2. System Resource Usage



Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	63.868	3.54	9.27	26.38
159	63.500	3.35	9.24	26.38
190	63.616	3.26	9.26	26.38
252	65.312	4.10	9.28	26.38
500	64.200	3.22	9.30	26.38

8. Frame Rate: 1280

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	486 Mbps	failed
252 Mbps	252 Mbps	failed
128 Mbps	128 Mbps	Achieved
190 Mbps	191 Mbps	Achieved
221 Mbps	221 Mbps	failed

Result
The device failed at a frame data rate of 500 Megabits/s

Failed Criteria

8.1. Test Results for Bit Blaster

8.1.1. Component Description

Component: Bit Blaster

This component sends valid layer 2 ethernet frames with contrived content.

Component	Resource Used
Bit Blaster	np1-0, np1-0, np1-0, np1-0, np1-0

8.1.2. Test Component Criteria

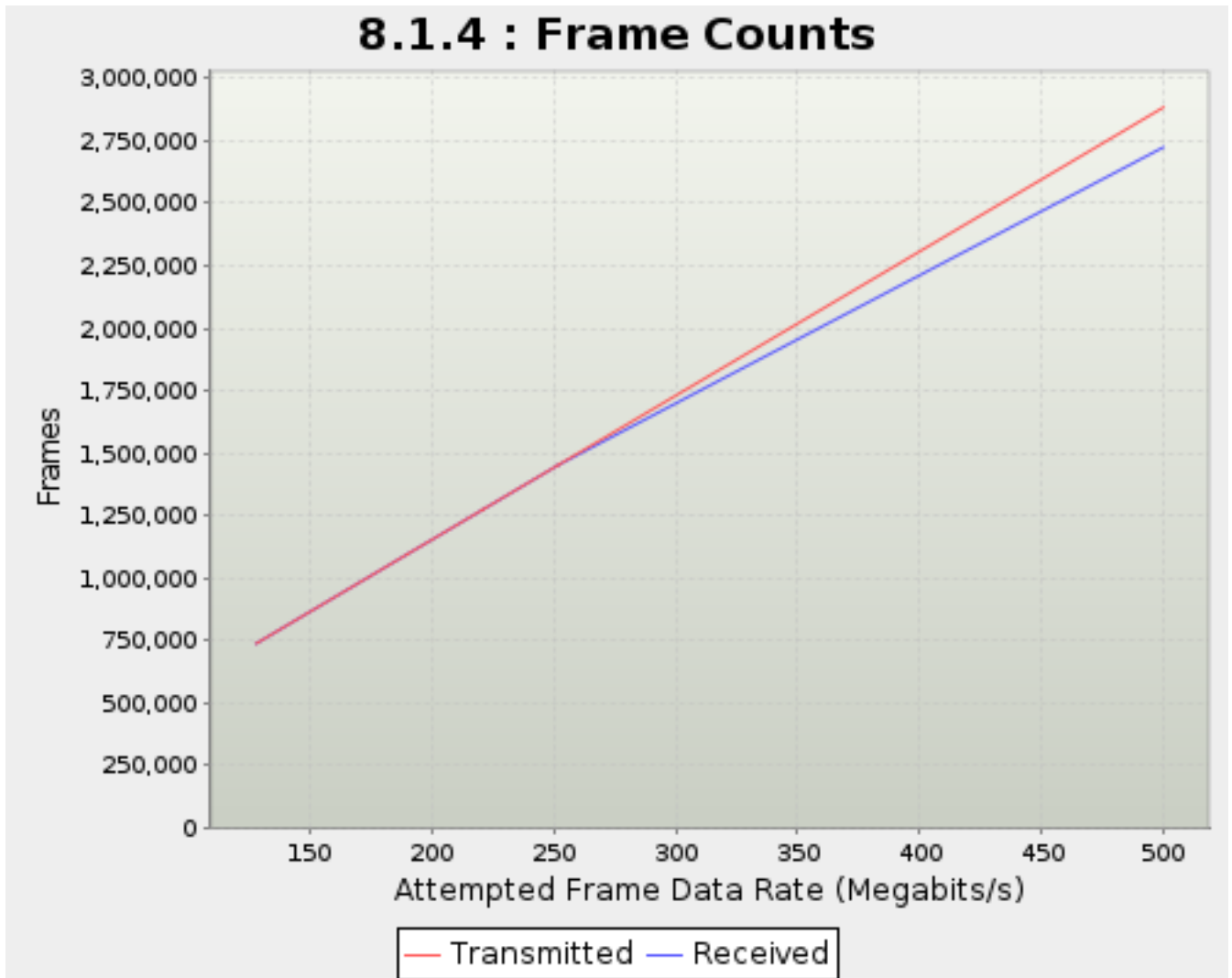
Number	Description
1	No predefined test criteria.

8.1.3. Traffic Appearance

Traffic was addressed as defined in the "vMX - Dual Core Performance Testing" network neighborhood.

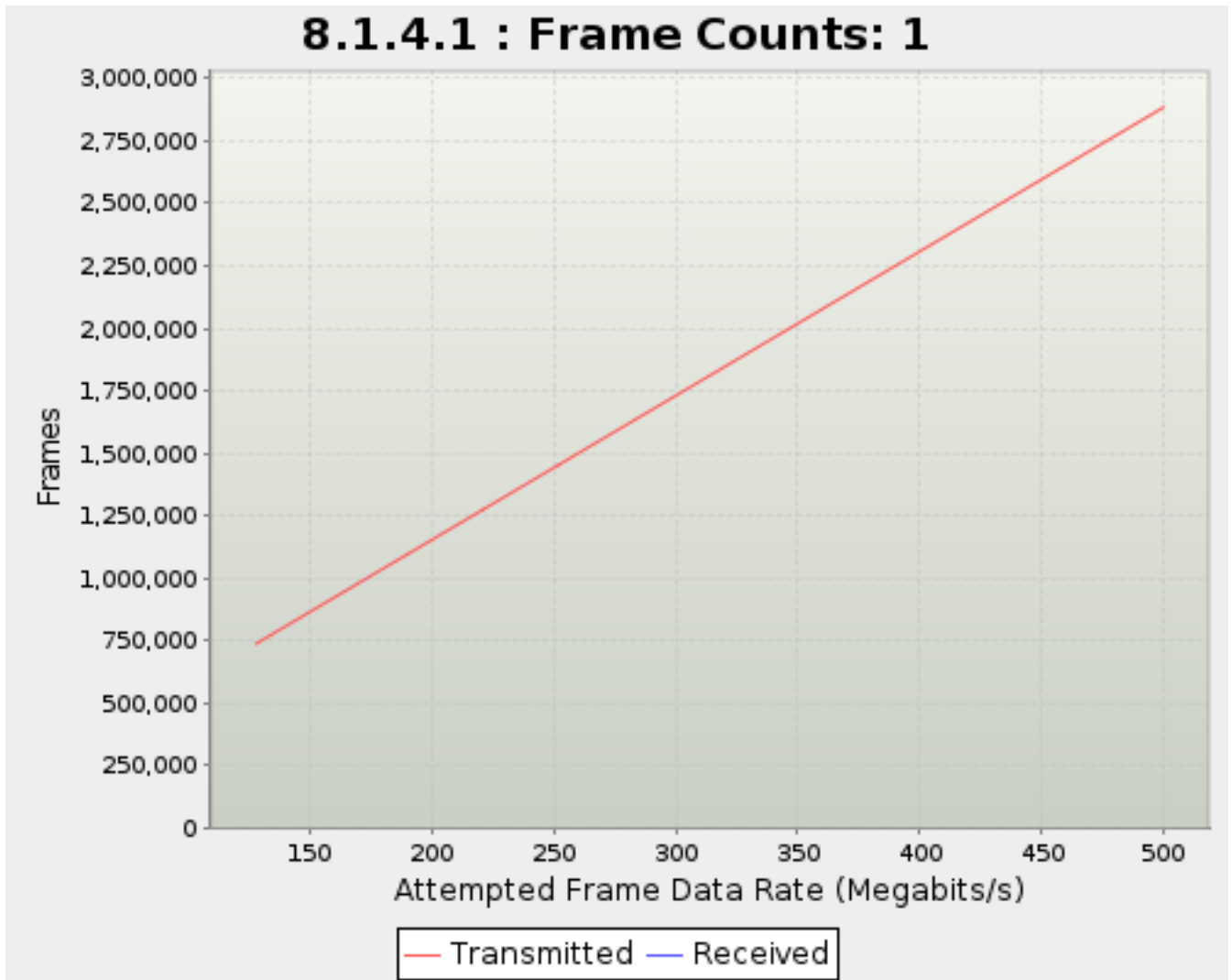
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

8.1.4. Frame Counts



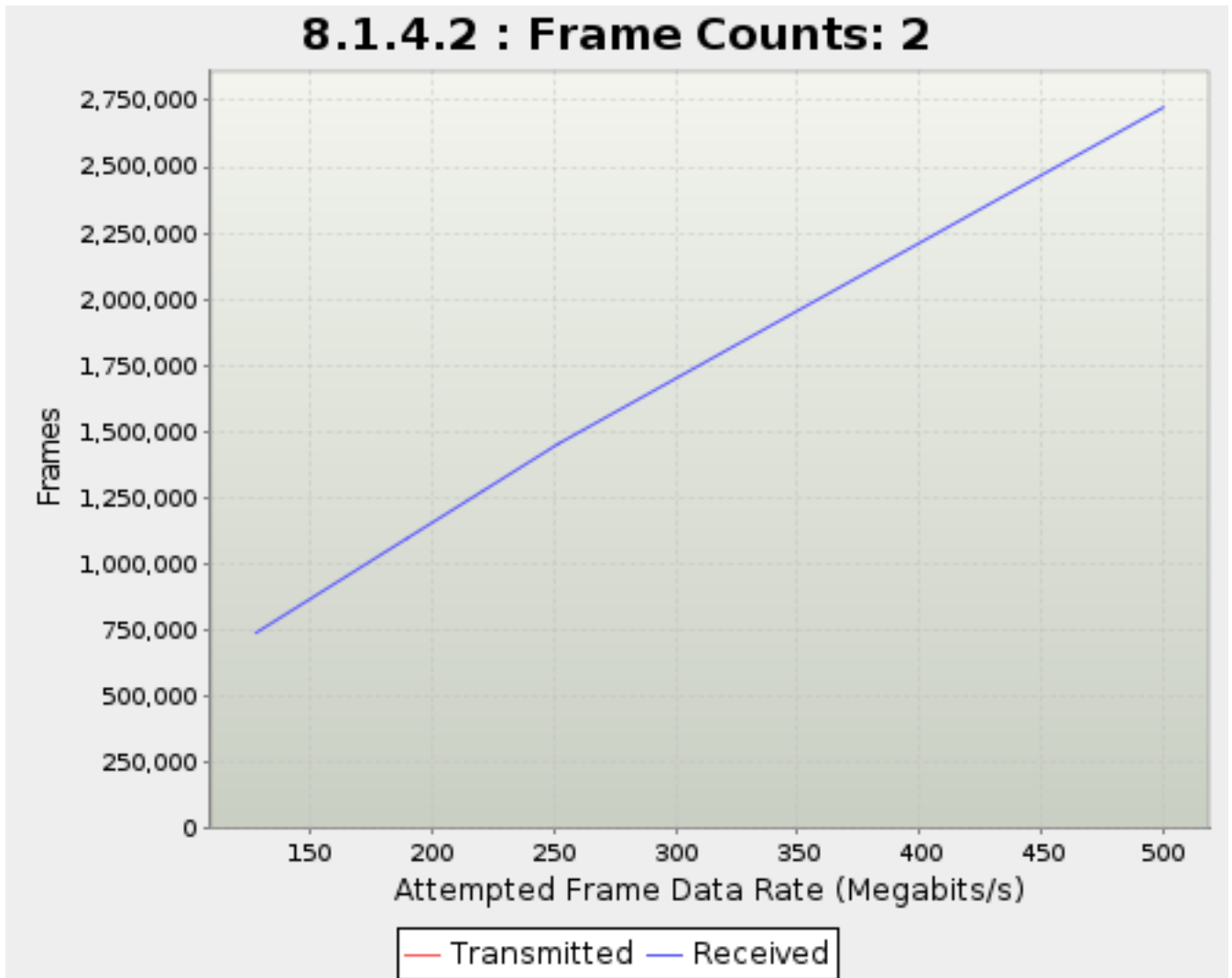
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.464	738,420	738,420
190	62.567	1,096,140	1,096,140
221	63.071	1,275,000	1,274,843
252	62.496	1,453,800	1,453,512
500	62.476	2,884,560	2,725,042

8.1.4.1. Frame Counts: 1



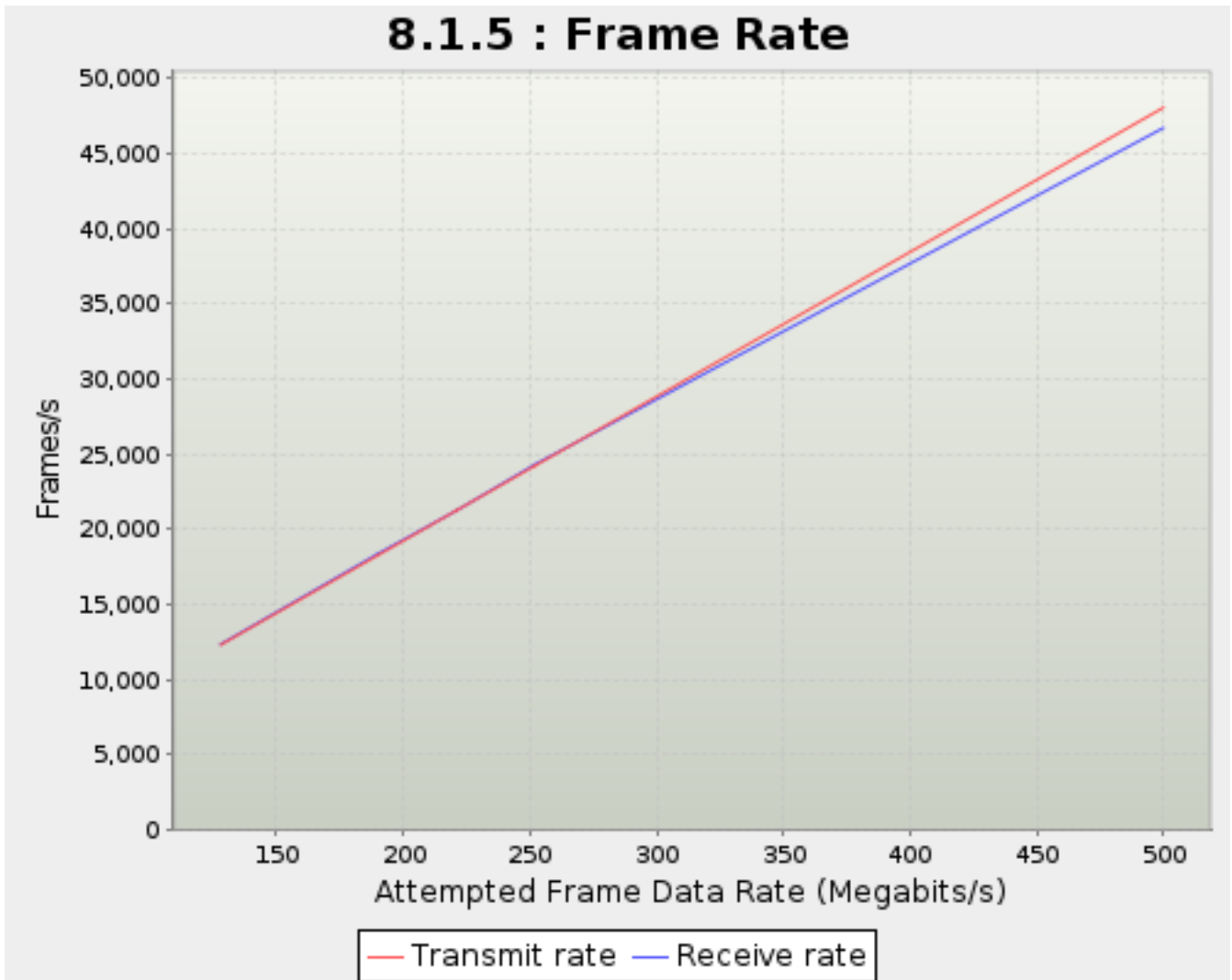
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.464	738,420	0
190	62.567	1,096,140	0
221	63.071	1,275,000	0
252	62.496	1,453,800	0
500	62.476	2,884,560	0

8.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.464	0	738,420
190	62.567	0	1,096,140
221	63.071	0	1,274,843
252	62.496	0	1,453,512
500	62.476	0	2,725,042

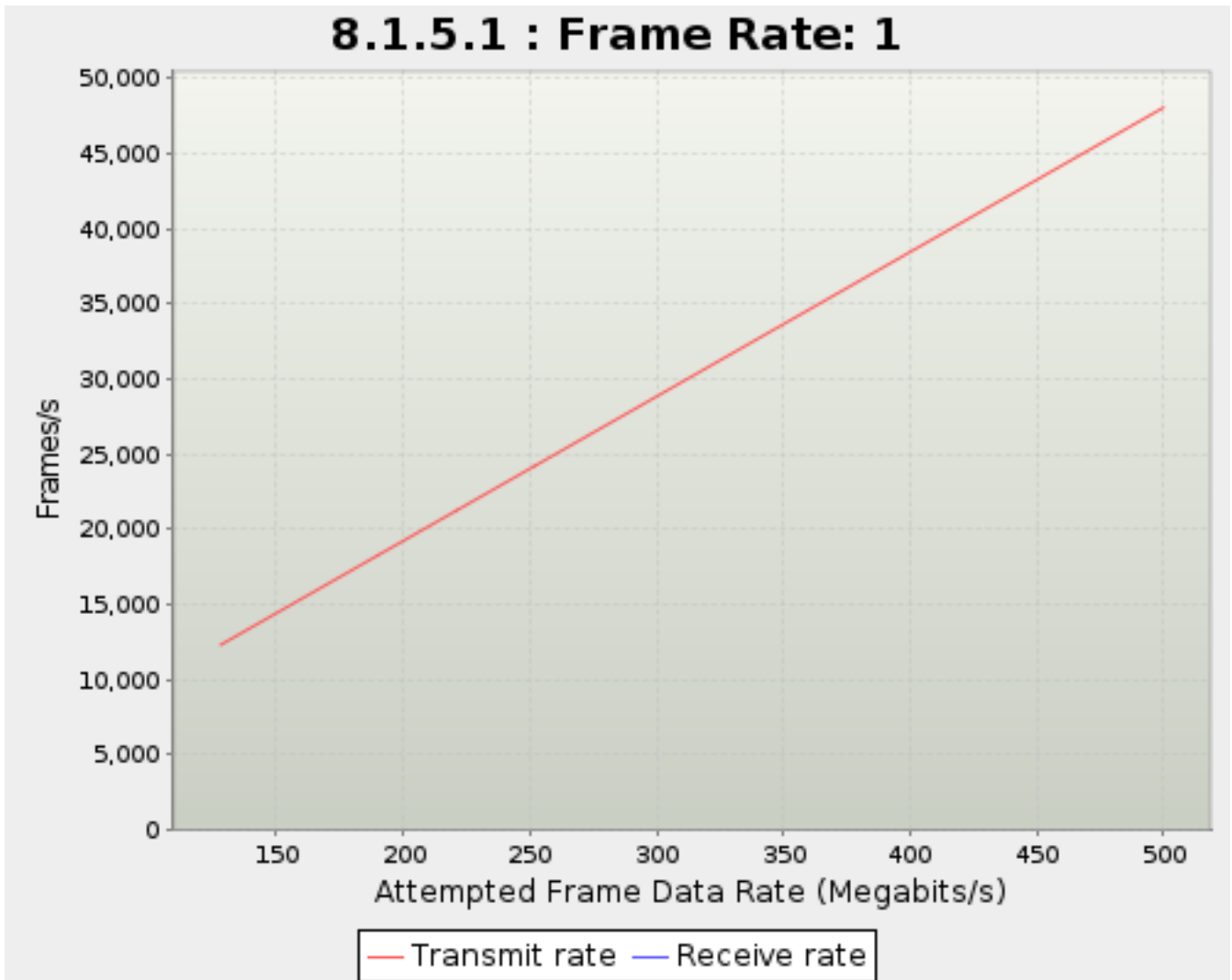
8.1.5. Frame Rate



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.464	~12310	~12350
190	62.567	~18270	~18370
221	63.071	~21250	~21250
252	62.496	~24230	~24320
500	62.476	~48080	~46730

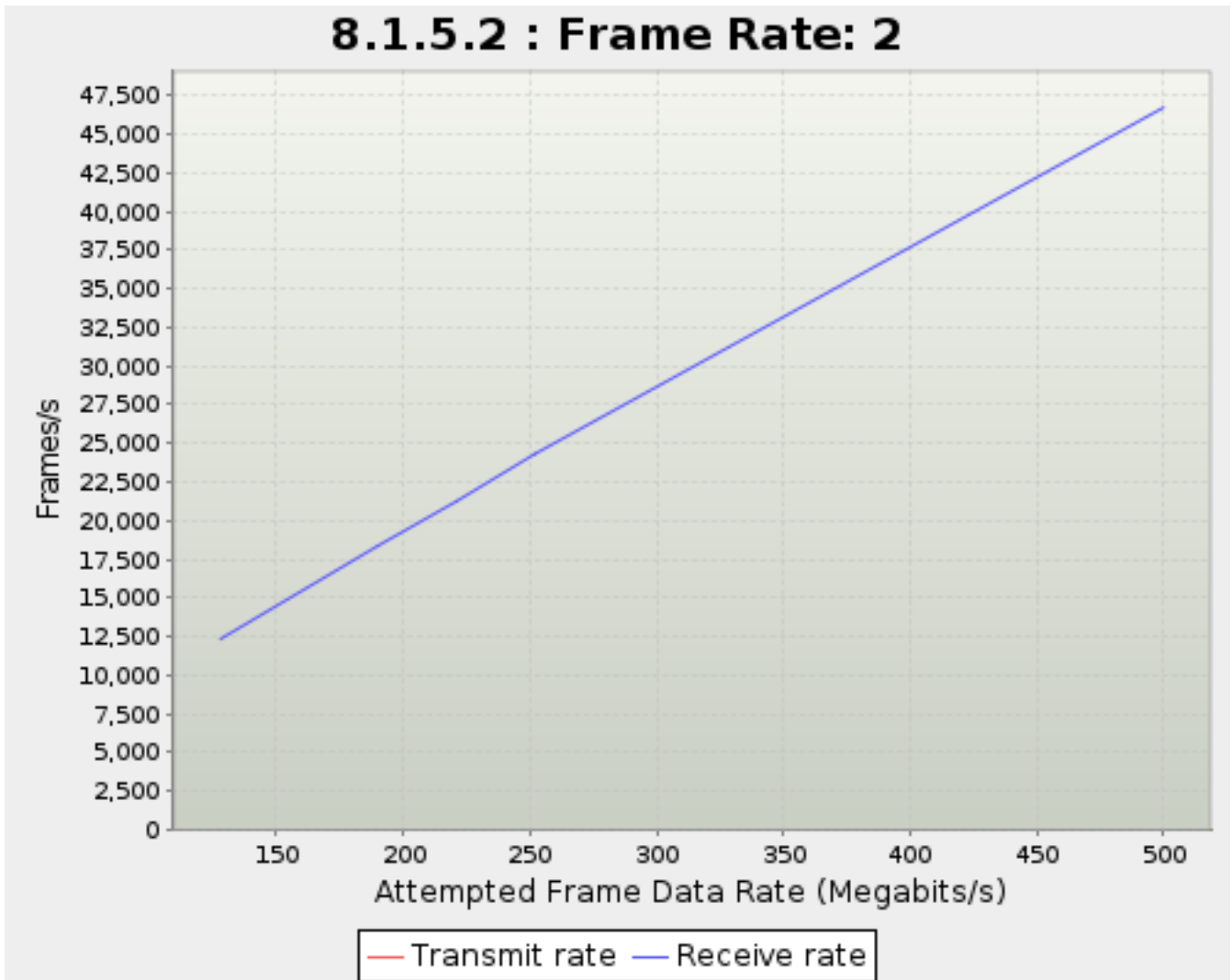
8.1.5.1. Frame Rate: 1



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.464	~12310	0.00
190	62.567	~18270	0.00
221	63.071	~21250	0.00
252	62.496	~24230	0.00
500	62.476	~48080	0.00

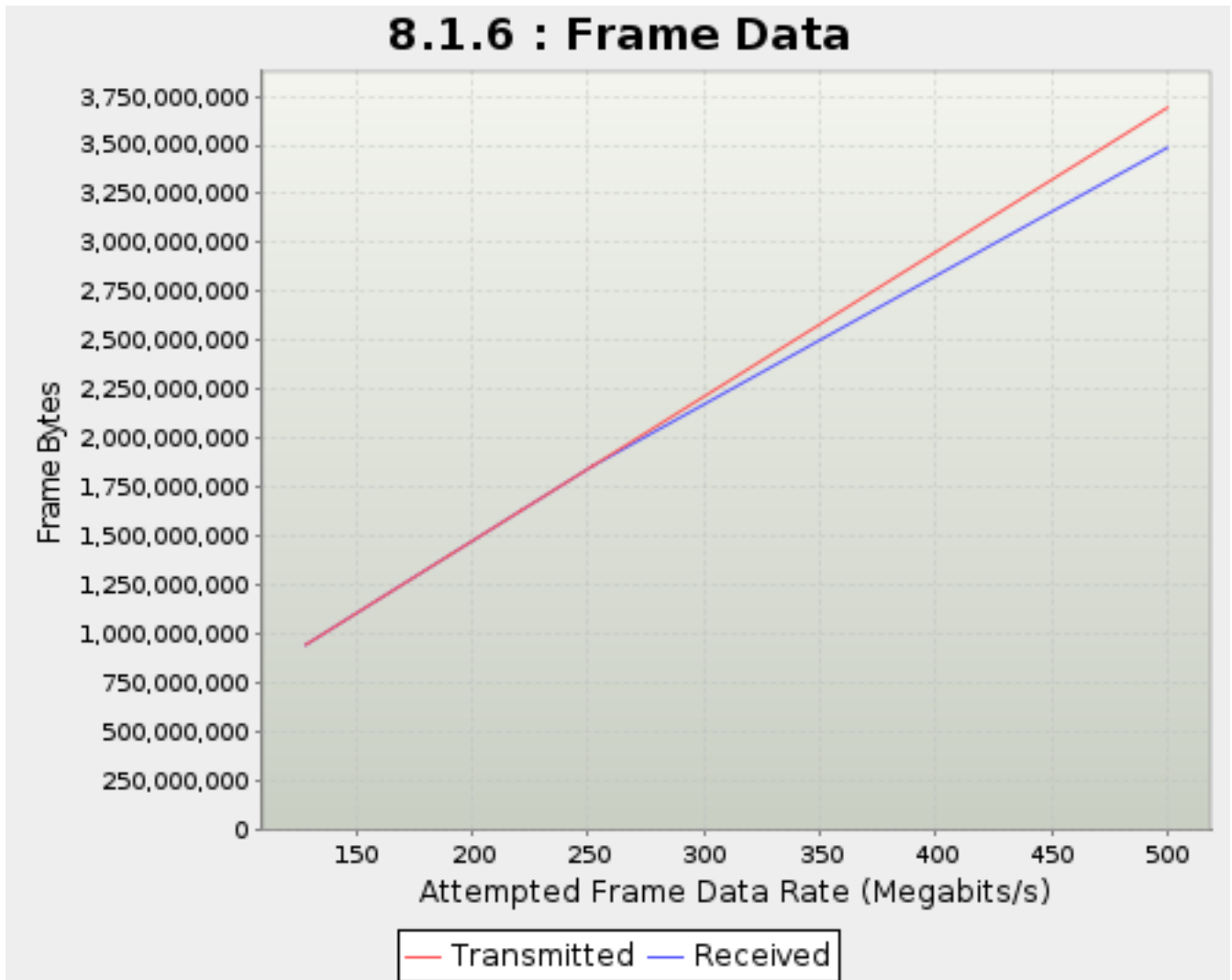
8.1.5.2. Frame Rate: 2



Rates can vary due to round-off errors in calculations.

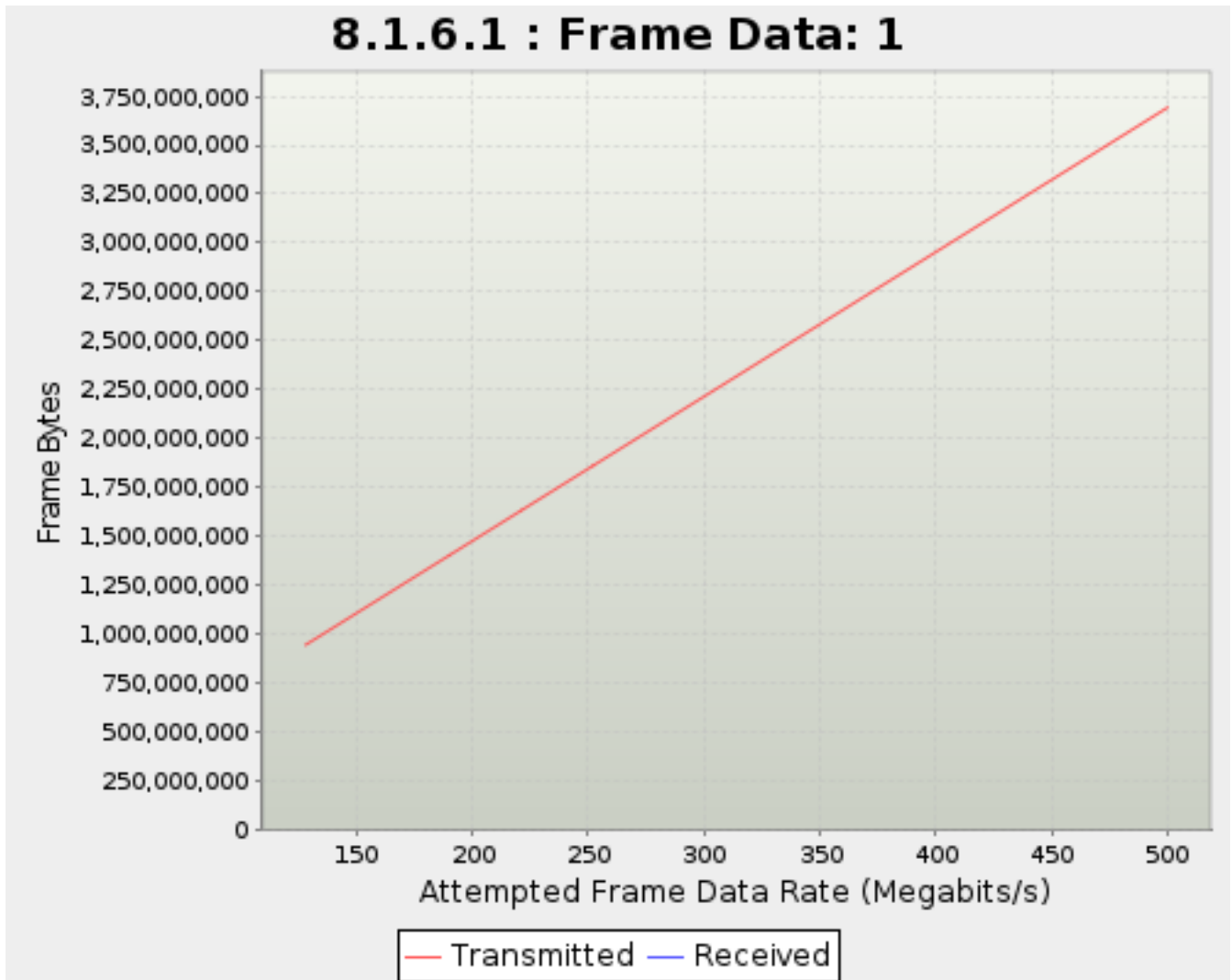
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.464	0.00	~12350
190	62.567	0.00	~18370
221	63.071	0.00	~21250
252	62.496	0.00	~24320
500	62.476	0.00	~46730

8.1.6. Frame Data



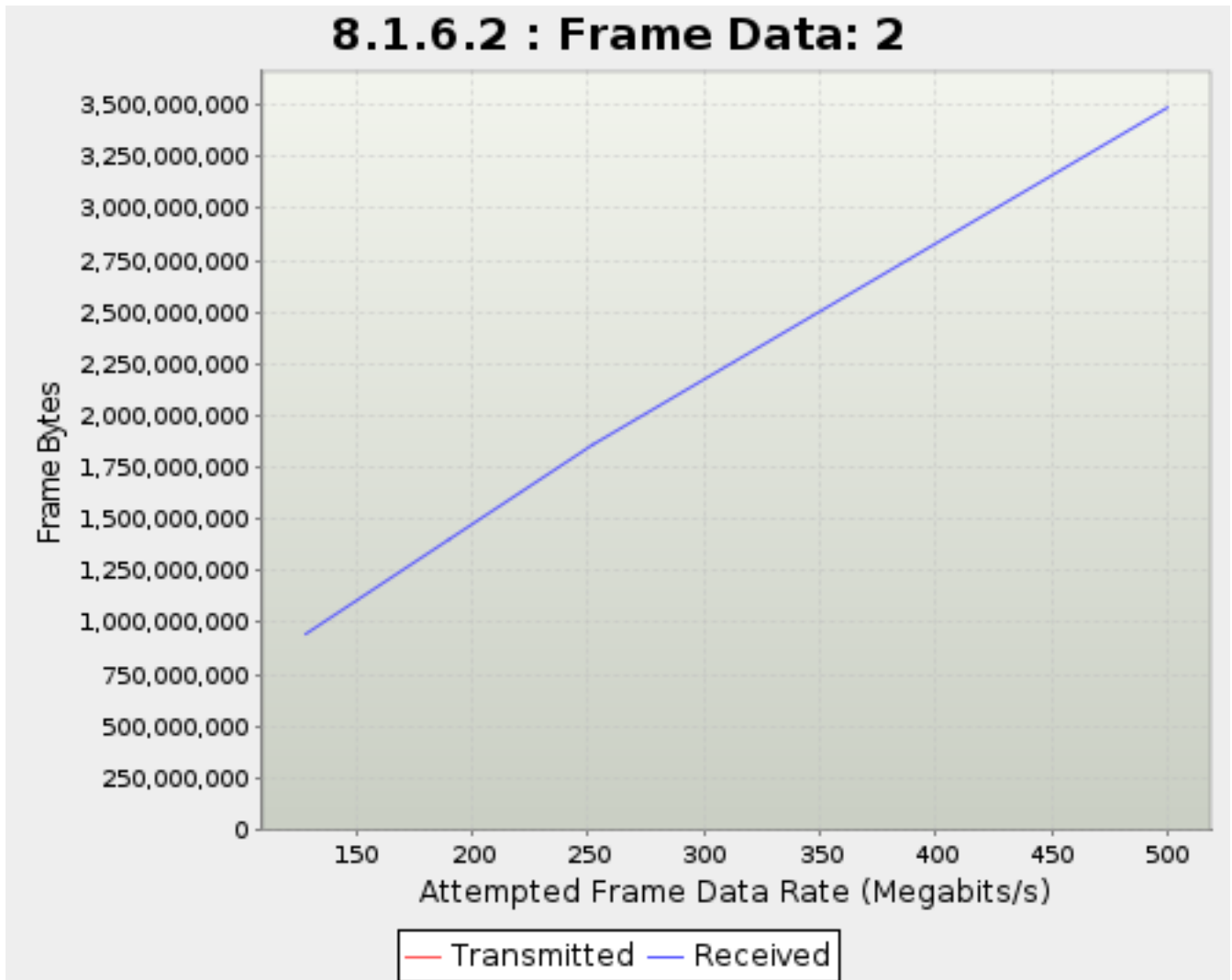
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.464	945,177,600	945,177,600
190	62.567	1,403,059,200	1,403,059,200
221	63.071	1,632,000,000	1,631,799,040
252	62.496	1,860,864,000	1,860,495,360
500	62.476	3,692,236,800	3,488,053,760

8.1.6.1. Frame Data: 1



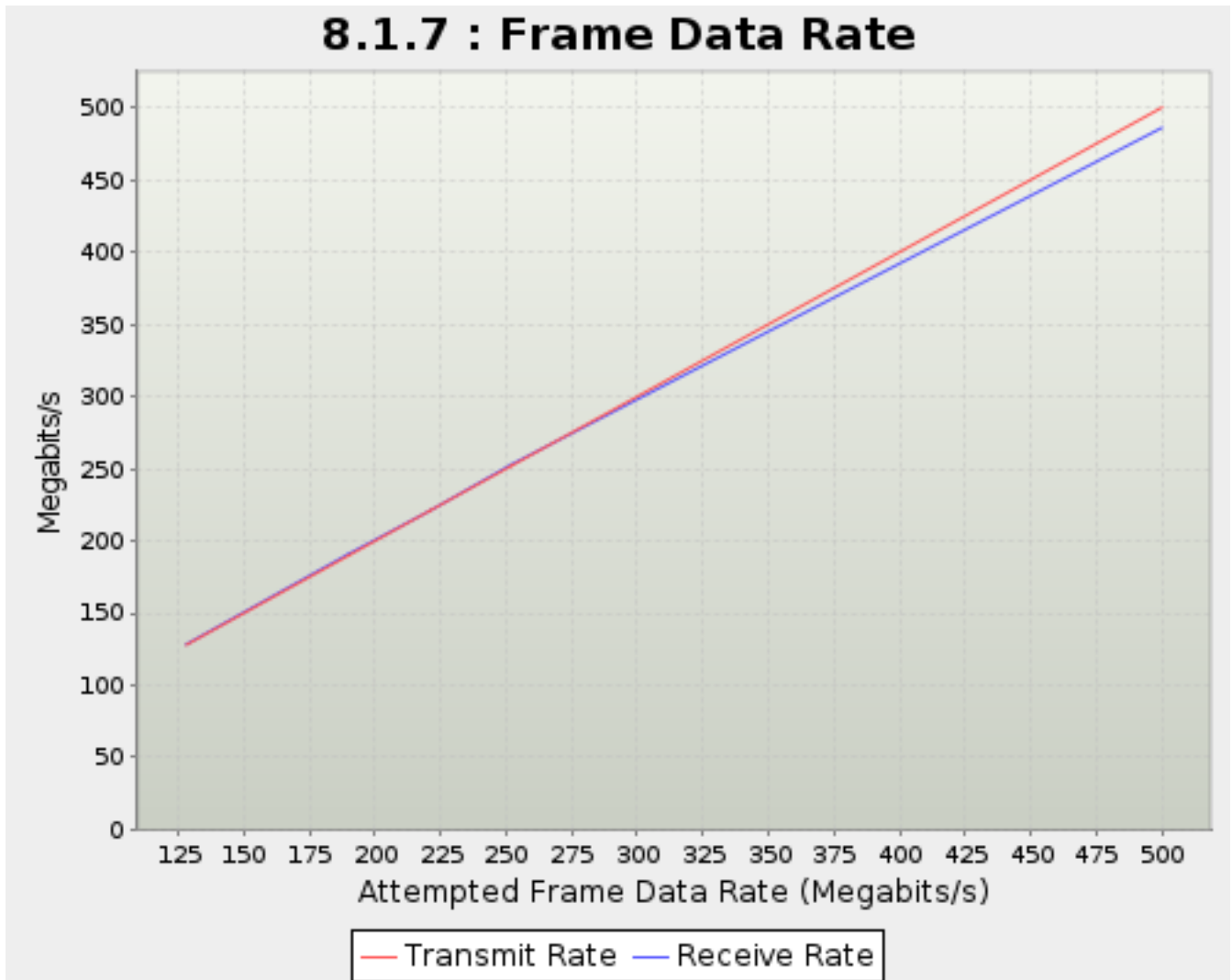
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted <i>Frame bytes</i>	Received <i>Frame bytes</i>
128	63.464	945,177,600	0
190	62.567	1,403,059,200	0
221	63.071	1,632,000,000	0
252	62.496	1,860,864,000	0
500	62.476	3,692,236,800	0

8.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frame bytes</i>
128	63.464	0	945,177,600
190	62.567	0	1,403,059,200
221	63.071	0	1,631,799,040
252	62.496	0	1,860,495,360
500	62.476	0	3,488,053,760

8.1.7. Frame Data Rate



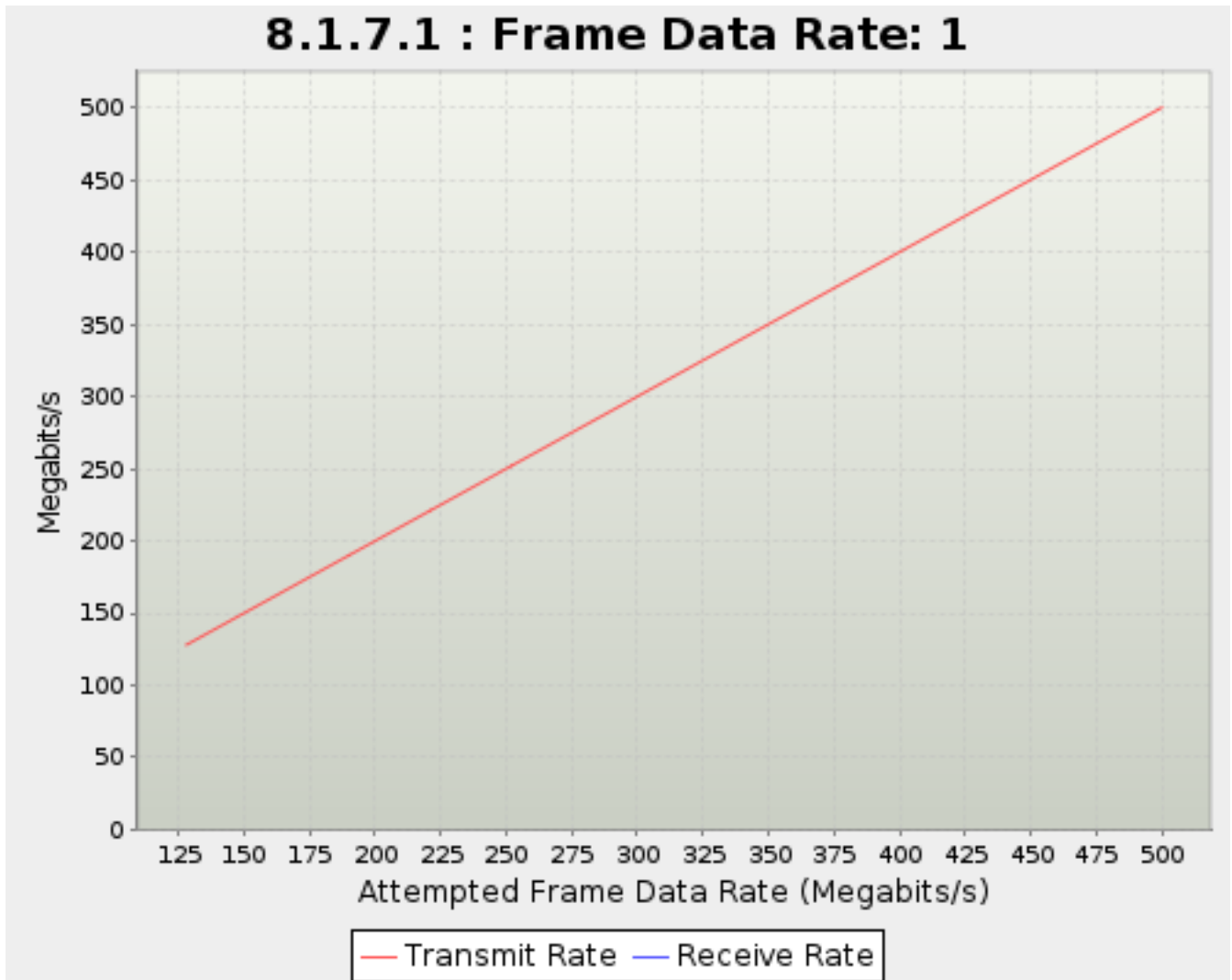
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.464	~128	128.4
190	62.567	~190	191.1
221	63.071	~221	~221
252	62.496	~252	252.9
500	62.476	~500	~486

8.1.7.1. Frame Data Rate: 1



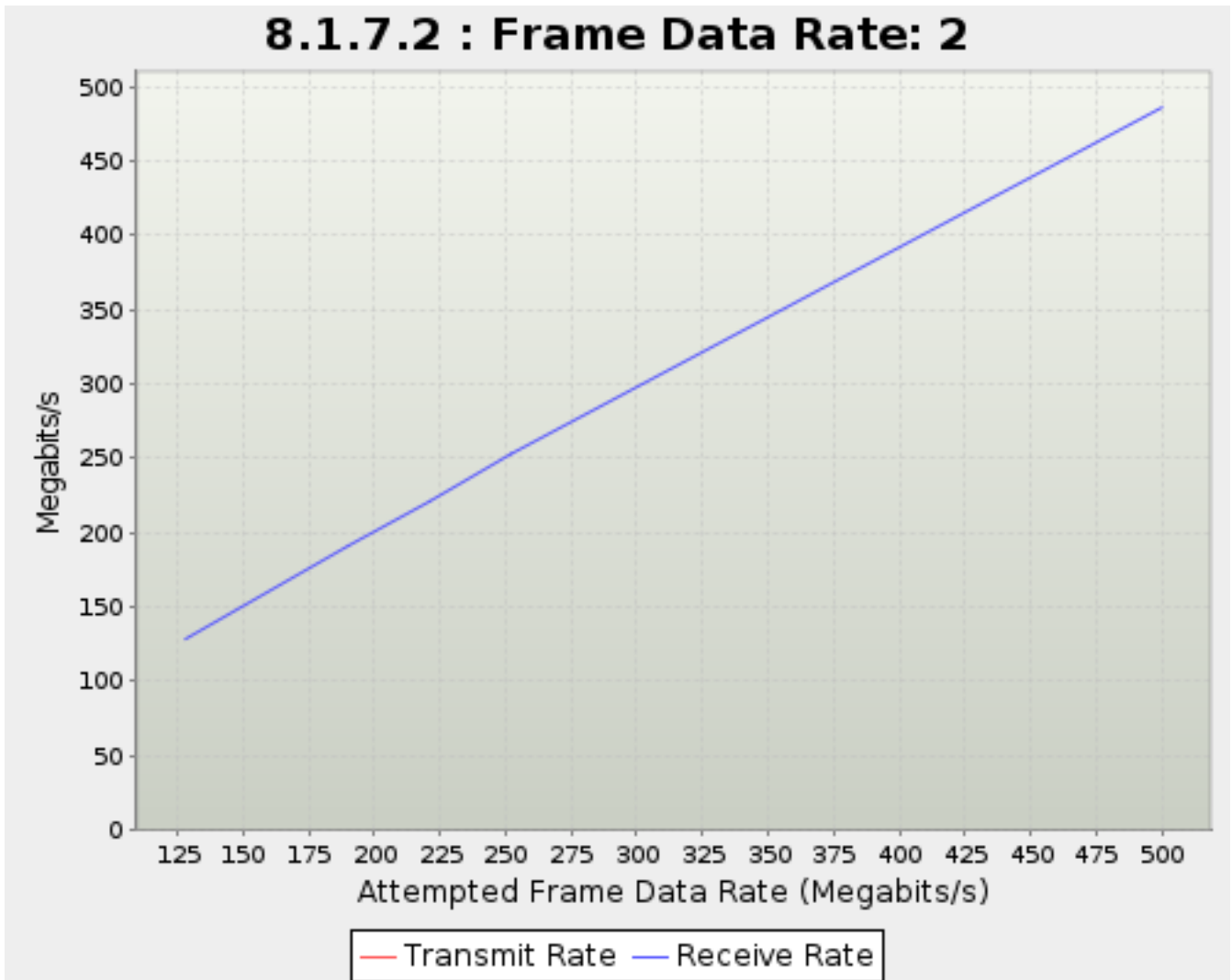
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.464	~128	0
190	62.567	~190	0
221	63.071	~221	0
252	62.496	~252	0
500	62.476	~500	0

8.1.7.2. Frame Data Rate: 2



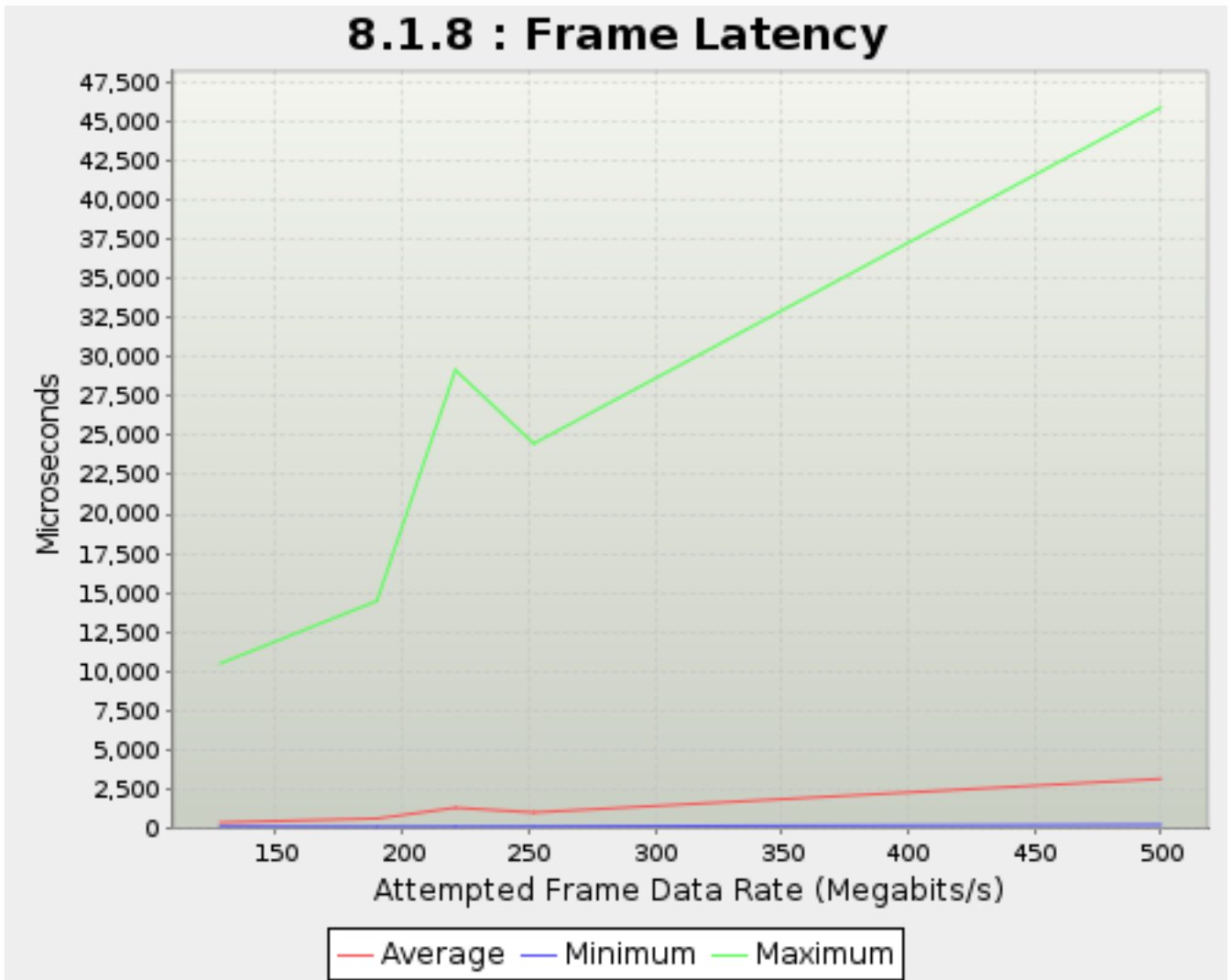
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

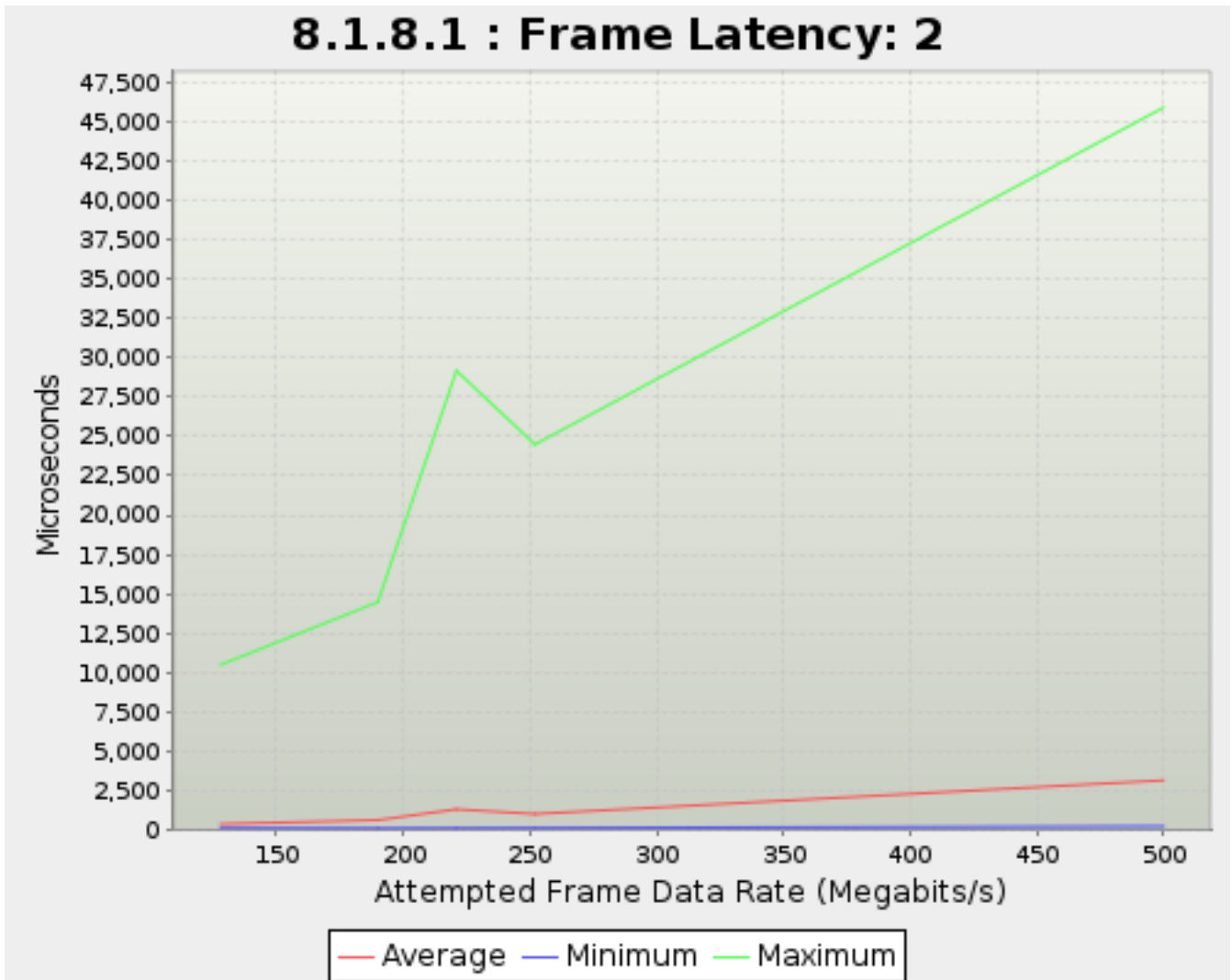
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.464	0	128.4
190	62.567	0	191.1
221	63.071	0	~221
252	62.496	0	252.9
500	62.476	0	~486

8.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
128	63.464	363.009	111.190	10,487.880
190	62.567	612.105	95.810	14,478.680
221	63.071	1,300.788	104.980	29,183.410
252	62.496	1,001.538	115.780	24,500.570
500	62.476	3,137.687	220.380	45,913.820

8.1.8.1. Frame Latency: 2

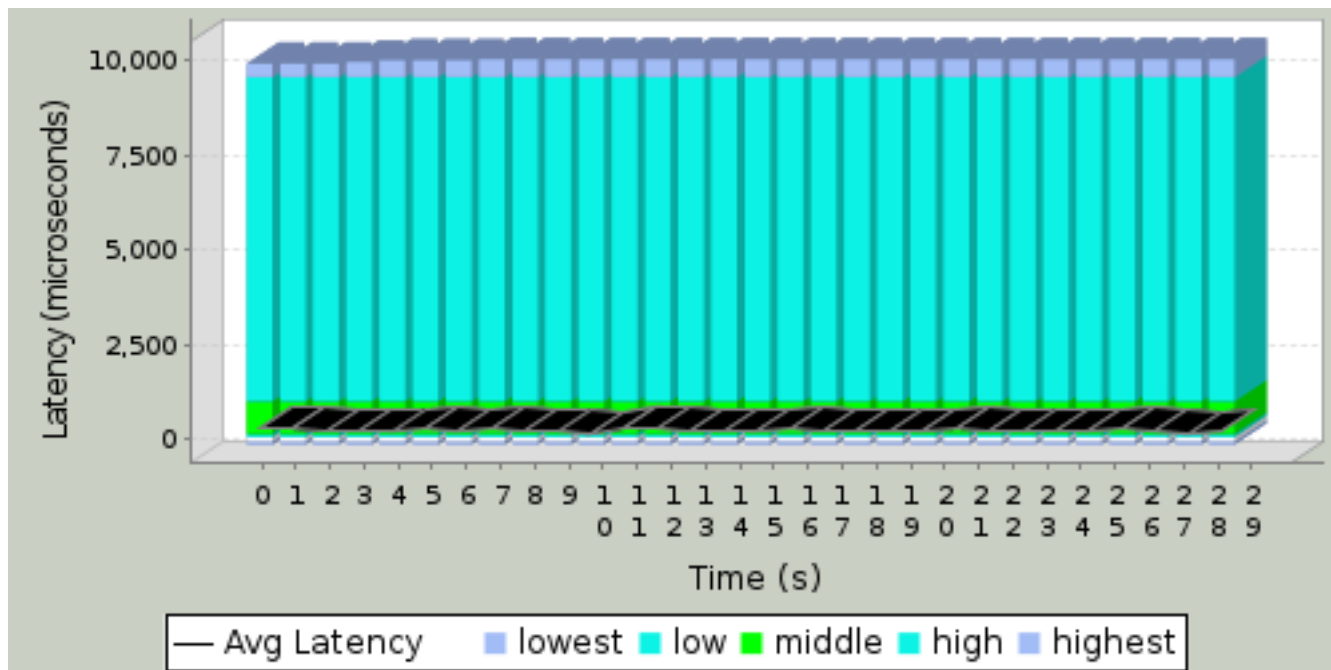


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
128	63.464	363.009	111.190	10,487.880
190	62.567	612.105	95.810	14,478.680
221	63.071	1,300.788	104.980	29,183.410
252	62.496	1,001.538	115.780	24,500.570
500	62.476	3,137.687	220.380	45,913.820

8.1.9. Frame Latency Distribution

This type of data can not be summarized, please view the detailed report sub-sections.

8.1.9.1. Frame Latency Distribution: 2



This chart shows latency ranges on the Y axis. The length of a colored bucket signifies its size relative to the total latency spread. It does not correspond to the number of packets.

The latency buckets are generated each second to an ideal normal curve, real packet latencies should be close but not exactly normal.

Buckets are generated as - bucket1 (dark blue): lowest 2.2%; bucket2 (light blue): low 13.7%; bucket3 (green): middle 68.2%; bucket4 (light blue): high 13.7%; bucket5 (dark blue): highest 2.2%

68.2% of packets sent during the interval (ideally) will be in the middle bucket (green).

Layer 2 and 3 tests on 1Gig blades do not support dynamic latency. These tests will have static 10,100,1000,10000,10000+ ms buckets.

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
			<i>microseconds</i>				<i>packets</i>					
128	0.736	346.709	111.920 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	8,456 94.386%	496 5.536%	7 0.078%
128	1.723	311.830	111.920 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	20,033 94.885%	1,067 5.054%	13 0.062%
128	2.731	255.986	111.920 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	32,176 96.005%	1,319 3.936%	20 0.060%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	3.728	278.687	111.920 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	44,068 96.296%	1,667 3.643%	28 0.061%	
128	4.726	306.966	111.920 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	55,845 96.165%	2,191 3.773%	36 0.062%	
128	5.724	331.108	111.920 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	67,522 95.987%	2,777 3.948%	46 0.065%	
128	6.731	303.205	111.920 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	79,504 96.097%	3,176 3.839%	53 0.064%	
128	7.729	340.463	111.340 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	91,165 95.933%	3,802 4.001%	63 0.066%	
128	8.727	297.137	111.340 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	102,984 95.970%	4,254 3.964%	70 0.065%	
128	9.724	301.018	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	114,792 95.990%	4,717 3.944%	78 0.065%	
128	10.732	205.807	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	126,946 96.180%	4,964 3.761%	78 0.059%	
128	11.729	316.690	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	138,680 96.128%	5,506 3.817%	80 0.055%	
128	12.727	357.321	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	150,337 96.034%	6,120 3.909%	88 0.056%	
128	13.725	291.649	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	162,133 96.037%	6,598 3.908%	92 0.054%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	14.722	289.855	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	173,936 96.043%	7,070 3.904%	96 0.053%	
128	15.730	295.955	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	185,863 96.051%	7,537 3.895%	104 0.054%	
128	16.727	326.128	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	197,526 95.988%	8,145 3.958%	111 0.054%	
128	17.725	275.534	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	209,473 96.062%	8,469 3.884%	118 0.054%	
128	18.723	304.356	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	221,259 96.058%	8,953 3.887%	126 0.055%	
128	19.730	306.848	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	233,156 96.052%	9,450 3.893%	134 0.055%	
128	20.728	285.821	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	245,022 96.080%	9,855 3.864%	142 0.056%	
128	21.726	312.340	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	256,771 96.062%	10,376 3.882%	150 0.056%	
128	22.723	296.290	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	268,592 96.072%	10,823 3.871%	160 0.057%	
128	23.731	302.642	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	280,500 96.069%	11,309 3.873%	168 0.058%	
128	24.728	298.225	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	292,255 96.056%	11,825 3.887%	175 0.058%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	25.726	303.496	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	304,031 96.050%	12,321 3.892%	182 0.057%	
128	26.724	324.773	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	315,721 96.019%	12,905 3.925%	186 0.057%	
128	27.731	283.528	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	327,729 96.048%	13,292 3.896%	193 0.057%	
128	28.729	222.665	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	339,656 96.086%	13,643 3.859%	193 0.055%	
128	29.727	293.157	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	351,488 96.095%	14,081 3.850%	201 0.055%	
128	30.724	280.014	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	363,383 96.121%	14,458 3.824%	208 0.055%	
128	31.722	298.608	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	375,229 96.132%	14,882 3.813%	216 0.055%	
128	32.729	260.091	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	387,300 96.169%	15,207 3.776%	222 0.055%	
128	33.727	310.259	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	398,966 96.135%	15,815 3.811%	226 0.054%	
128	34.725	302.066	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	410,716 96.122%	16,336 3.823%	233 0.055%	
128	35.722	288.266	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	422,558 96.131%	16,765 3.814%	241 0.055%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	36.730	299.540	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	434,461 96.127%	17,257 3.818%	248 0.055%	
128	37.738	309.970	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	446,349 96.120%	17,763 3.825%	256 0.055%	
128	38.725	275.871	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	458,165 96.148%	18,093 3.797%	264 0.055%	
128	39.723	281.114	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	470,088 96.172%	18,440 3.773%	272 0.056%	
128	40.730	363.506	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	481,799 96.129%	19,123 3.815%	280 0.056%	
128	41.728	350.051	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	493,416 96.092%	19,781 3.852%	284 0.055%	
128	42.726	262.566	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	505,342 96.117%	20,129 3.829%	288 0.055%	
128	43.723	292.374	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	517,188 96.125%	20,553 3.820%	295 0.055%	
128	44.731	284.277	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	529,175 96.137%	20,962 3.808%	302 0.055%	
128	45.729	344.121	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	540,768 96.099%	21,640 3.846%	310 0.055%	
128	46.726	210.715	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	552,753 96.132%	21,933 3.814%	310 0.054%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	47.724	308.100	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	564,502 96.125%	22,437 3.821%	318 0.054%	
128	48.731	280.392	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	576,588 96.150%	22,762 3.796%	326 0.054%	
128	49.729	345.513	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	588,272 96.130%	23,348 3.815%	334 0.055%	
128	50.727	279.900	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	600,110 96.136%	23,784 3.810%	338 0.054%	
128	51.724	300.892	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	611,920 96.137%	24,246 3.809%	345 0.054%	
128	52.722	362.854	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	623,546 96.109%	24,891 3.837%	352 0.054%	
128	53.729	292.239	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	635,491 96.113%	25,341 3.833%	360 0.054%	
128	54.727	302.547	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	647,309 96.117%	25,779 3.828%	370 0.055%	
128	55.725	342.968	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	658,892 96.088%	26,450 3.857%	378 0.055%	
128	56.722	331.381	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	670,587 96.070%	27,046 3.875%	386 0.055%	
128	57.730	284.078	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	682,531 96.078%	27,466 3.866%	393 0.055%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
128	58.728	295.182	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	694,396 96.083%	27,909 3.862%	401 0.055%
128	59.725	293.385	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	706,223 96.087%	28,352 3.857%	409 0.056%
128	63.464	277.366	111.190 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	709,465 96.079%	28,546 3.866%	409 0.055%
190	0.282	942.025	112.120 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	4,316 85.652%	649 12.880%	74 1.469%
190	1.280	312.465	105.790 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	21,788 93.655%	1,393 5.988%	83 0.357%
190	2.277	304.809	104.740 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	39,382 94.919%	2,015 4.857%	93 0.224%
190	3.275	302.612	104.380 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	56,984 95.427%	2,629 4.403%	102 0.171%
190	4.273	319.039	102.100 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	74,487 95.568%	3,340 4.285%	114 0.146%
190	5.280	304.539	102.100 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	92,225 95.718%	4,004 4.156%	122 0.127%
190	6.278	389.580	102.100 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	109,237 95.341%	5,208 4.545%	130 0.113%
190	7.275	310.902	100.800 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	126,758 95.450%	5,902 4.444%	140 0.105%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	8.273	319.357	100.610 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	144,219 95.492%	6,658 4.408%	150 0.099%	
190	9.271	315.445	96.020 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.001%	161,686 95.530%	7,403 4.374%	162 0.096%	
190	10.278	388.820	96.020 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	2 0.001%	179,126 95.452%	8,360 4.455%	173 0.092%	
190	11.276	302.896	96.020 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	2 0.001%	196,728 95.554%	8,970 4.357%	182 0.088%	
190	12.274	310.836	96.020 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	214,282 95.613%	9,638 4.301%	190 0.085%	
190	13.271	321.353	96.020 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	231,729 95.622%	10,405 4.294%	201 0.083%	
190	14.279	302.817	96.020 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	249,514 95.692%	11,022 4.227%	209 0.080%	
190	15.276	285.932	96.020 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	266,974 95.699%	11,788 4.225%	209 0.075%	
190	16.274	624.533	96.020 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	283,603 95.426%	13,229 4.451%	363 0.122%	
190	17.272	300.564	96.020 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	301,051 95.475%	13,894 4.406%	371 0.118%	
190	18.279	255.935	96.020 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	319,005 95.558%	14,454 4.330%	371 0.111%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	19.277	360.936	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	336,337 95.534%	15,339 4.357%	380 0.108%	
190	20.275	290.148	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	354,040 95.613%	15,851 4.281%	389 0.105%	
190	21.272	299.647	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	371,637 95.662%	16,455 4.236%	396 0.102%	
190	22.280	324.991	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	389,243 95.656%	17,269 4.244%	404 0.099%	
190	23.277	313.679	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	406,729 95.668%	18,001 4.234%	412 0.097%	
190	24.275	306.048	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	424,271 95.692%	18,683 4.214%	414 0.093%	
190	25.273	366.348	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	441,494 95.645%	19,676 4.263%	423 0.092%	
190	26.270	346.267	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	458,789 95.617%	20,599 4.293%	430 0.090%	
190	27.278	311.815	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	476,498 95.638%	21,288 4.273%	442 0.089%	
190	28.276	323.468	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	493,911 95.635%	22,090 4.277%	452 0.088%	
190	29.273	300.879	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	3 0.001%	511,539 95.672%	22,678 4.241%	462 0.086%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	30.271	311.115	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	529,088 95.692%	23,345 4.222%	471 0.085%	
190	31.288	321.124	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	546,890 95.694%	24,128 4.222%	480 0.084%	
190	32.276	323.584	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	564,154 95.696%	24,882 4.221%	489 0.083%	
190	33.274	328.256	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.000%	581,570 95.690%	25,698 4.228%	496 0.082%	
190	34.271	306.474	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.000%	599,134 95.709%	26,350 4.209%	506 0.081%	
190	35.279	323.873	96.020 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.000%	616,723 95.705%	27,162 4.215%	515 0.080%	
190	36.276	280.195	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	4 0.001%	634,188 95.708%	27,921 4.214%	515 0.078%	
190	37.274	273.799	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	5 0.001%	651,818 95.735%	28,515 4.188%	515 0.076%	
190	38.272	303.550	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	5 0.001%	669,389 95.753%	29,160 4.171%	524 0.075%	
190	39.279	305.675	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	6 0.001%	687,119 95.767%	29,831 4.158%	532 0.074%	
190	40.277	319.064	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	9 0.001%	704,577 95.768%	30,588 4.158%	540 0.073%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	41.275	328.834	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	9 0.001%	721,957 95.758%	31,425 4.168%	548 0.073%	
190	42.272	314.590	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	9 0.001%	739,470 95.766%	32,129 4.161%	556 0.072%	
190	43.280	300.778	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	9 0.001%	757,262 95.786%	32,738 4.141%	565 0.071%	
190	44.277	316.707	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	10 0.001%	774,758 95.791%	33,458 4.137%	573 0.071%	
190	45.275	565.032	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	10 0.001%	791,469 95.701%	34,824 4.211%	722 0.087%	
190	46.273	333.273	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	10 0.001%	808,913 95.701%	35,598 4.212%	730 0.086%	
190	47.270	305.653	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	10 0.001%	826,479 95.715%	36,250 4.198%	737 0.085%	
190	48.278	263.826	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	10 0.001%	844,365 95.745%	36,773 4.170%	737 0.084%	
190	49.276	305.609	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	10 0.001%	861,951 95.761%	37,405 4.156%	745 0.083%	
190	50.273	330.186	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	10 0.001%	879,312 95.750%	38,262 4.166%	753 0.082%	
190	51.281	324.325	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	11 0.001%	896,907 95.747%	39,067 4.171%	761 0.081%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	52.278	334.107	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	11 0.001%	914,272 95.738%	39,920 4.180%	768 0.080%	
190	53.276	399.244	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	11 0.001%	931,116 95.676%	41,293 4.243%	776 0.080%	
190	54.274	235.942	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	11 0.001%	948,852 95.707%	41,775 4.214%	776 0.078%	
190	55.271	319.192	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	12 0.001%	966,297 95.706%	42,554 4.215%	784 0.078%	
190	56.279	328.763	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	12 0.001%	983,921 95.707%	43,332 4.215%	792 0.077%	
190	57.277	285.643	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	12 0.001%	1,001,657 95.735%	43,814 4.188%	800 0.076%	
190	58.274	317.924	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	12 0.001%	1,019,139 95.738%	44,549 4.185%	809 0.076%	
190	59.272	304.122	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	12 0.001%	1,036,742 95.752%	45,162 4.171%	817 0.075%	
190	62.567	397.676	95.810 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	12 0.001%	1,049,359 95.732%	45,944 4.191%	825 0.075%	
221	0.544	991.712	112.600 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	10,185 88.496%	970 8.428%	354 3.076%	
221	1.532	480.803	104.980 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	29,360 90.355%	2,767 8.515%	367 1.129%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
221	2.529	374.371	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	49,452 92.101%	3,864 7.196%	377 0.702%
221	3.527	393.728	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	69,380 92.640%	5,123 6.841%	389 0.519%
221	4.524	466.791	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	88,896 92.512%	6,794 7.070%	401 0.417%
221	5.532	392.945	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	108,888 92.667%	8,204 6.982%	412 0.351%
221	6.540	435.767	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	128,767 92.693%	9,728 7.003%	423 0.304%
221	7.527	391.446	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	148,410 92.813%	11,058 6.915%	435 0.272%
221	8.525	307.282	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	168,685 93.144%	11,982 6.616%	435 0.240%
221	9.533	439.673	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	188,540 93.100%	13,527 6.680%	447 0.221%
221	10.530	445.003	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	208,141 93.039%	15,117 6.757%	456 0.204%
221	11.528	436.844	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	227,805 93.015%	16,639 6.794%	469 0.191%
221	12.525	420.178	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	248,071 93.221%	17,557 6.598%	482 0.181%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
221	13.533	427.234	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	268,476 93.375%	18,550 6.452%	497 0.173%	
221	14.531	437.996	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	288,537 93.462%	19,677 6.374%	507 0.164%	
221	15.528	532.720	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	308,517 93.512%	20,831 6.314%	574 0.174%	
221	16.526	481.046	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	328,268 93.491%	22,260 6.340%	594 0.169%	
221	17.534	394.321	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	349,080 93.704%	22,846 6.133%	609 0.163%	
221	18.531	403.660	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	369,577 93.865%	23,536 5.978%	621 0.158%	
221	19.529	530.284	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	389,613 93.898%	24,631 5.936%	688 0.166%	
221	20.526	1,337.139	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	408,917 93.794%	25,401 5.826%	1,655 0.380%	
221	21.524	460.106	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	428,987 93.835%	26,519 5.801%	1,668 0.365%	
221	22.532	486.883	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	449,005 93.819%	27,899 5.829%	1,681 0.351%	
221	23.539	444.506	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	469,266 93.854%	29,038 5.808%	1,694 0.339%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
221	24.527	413.710	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	489,456 93.948%	29,823 5.724%	1,707 0.328%	
221	25.525	450.982	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	509,548 93.981%	30,915 5.702%	1,720 0.317%	
221	26.532	391.520	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	530,319 94.095%	31,546 5.597%	1,733 0.307%	
221	27.530	337.759	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	551,038 94.227%	32,026 5.476%	1,733 0.296%	
221	28.527	394.011	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	571,580 94.321%	32,669 5.391%	1,746 0.288%	
221	29.525	389.423	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	592,159 94.414%	33,275 5.305%	1,759 0.280%	
221	30.533	409.848	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	612,716 94.466%	34,120 5.260%	1,772 0.273%	
221	31.530	437.944	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	632,901 94.490%	35,121 5.243%	1,786 0.267%	
221	32.528	407.784	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	653,322 94.547%	35,883 5.193%	1,801 0.261%	
221	33.526	458.246	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	673,274 94.534%	37,118 5.212%	1,813 0.255%	
221	34.533	435.921	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	693,705 94.559%	38,088 5.192%	1,826 0.249%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
			<i>microseconds</i>					<i>packets</i>				
221	35.541	445.657	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	713,976 94.562%	39,212 5.193%	1,843 0.244%
221	36.528	398.993	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	734,232 94.616%	39,924 5.145%	1,855 0.239%
221	37.526	377.475	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	754,913 94.694%	40,432 5.072%	1,867 0.234%
221	38.534	421.571	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	775,467 94.728%	41,281 5.043%	1,880 0.230%
221	39.531	537.594	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	795,488 94.720%	42,392 5.048%	1,948 0.232%
221	40.529	391.029	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	816,088 94.781%	42,974 4.991%	1,965 0.228%
221	41.526	1,289.257	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	833,911 94.524%	45,518 5.159%	2,796 0.317%
221	42.524	407.135	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	854,230 94.555%	46,384 5.134%	2,811 0.311%
221	43.532	395.143	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	874,966 94.607%	47,045 5.087%	2,827 0.306%
221	44.529	397.896	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	895,429 94.651%	47,780 5.051%	2,827 0.299%
221	45.527	414.186	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	915,804 94.683%	48,588 5.023%	2,844 0.294%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
	<i>microseconds</i>						<i>packets</i>					
221	46.525	375.185	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	936,142 94.709%	49,450 5.003%	2,844 0.288%
221	47.532	420.780	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	956,770 94.744%	50,222 4.973%	2,857 0.283%
221	48.530	389.271	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	977,370 94.794%	50,807 4.928%	2,871 0.278%
221	49.527	540.160	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	997,282 94.777%	52,028 4.944%	2,936 0.279%
221	50.525	422.269	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	1,017,632 94.801%	52,865 4.925%	2,948 0.275%
221	51.543	592.051	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	1,037,471 94.740%	54,642 4.990%	2,959 0.270%
221	52.530	844.052	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	1,056,947 94.704%	55,644 4.986%	3,465 0.310%
221	53.548	476.216	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	1,077,092 94.674%	57,114 5.020%	3,479 0.306%
221	54.526	399.646	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	1,097,183 94.711%	57,781 4.988%	3,493 0.302%
221	55.533	417.042	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	1,117,716 94.732%	58,643 4.970%	3,509 0.297%
221	56.531	405.273	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	1,138,140 94.761%	59,405 4.946%	3,522 0.293%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
221	57.528	643.766	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,157,702 94.718%	60,975 4.989%	3,590 0.294%	
221	58.526	451.120	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,177,627 94.705%	62,237 5.005%	3,602 0.290%	
221	59.534	406.025	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,198,289 94.736%	62,971 4.978%	3,618 0.286%	
221	63.071	553.103	104.980 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,206,974 94.676%	64,251 5.040%	3,618 0.284%	
252	0.252	2,663.820	118.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	4,461 78.844%	480 8.484%	717 12.672%	
252	1.239	332.505	118.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	27,358 92.466%	1,500 5.070%	729 2.464%	
252	2.237	315.906	117.720 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	50,769 94.438%	2,239 4.165%	751 1.397%	
252	3.245	309.483	117.720 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	74,462 95.249%	2,951 3.775%	763 0.976%	
252	4.242	227.888	117.720 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	98,242 95.987%	3,344 3.267%	763 0.745%	
252	5.250	317.540	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	121,870 96.137%	4,122 3.252%	775 0.611%	
252	6.238	375.160	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	144,648 95.989%	5,255 3.487%	789 0.524%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
252	7.245	454.320	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	168,012 95.947%	6,286 3.590%	812 0.464%	
252	8.243	514.053	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	190,949 95.818%	7,491 3.759%	843 0.423%	
252	9.240	506.205	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	213,956 95.750%	8,630 3.862%	867 0.388%	
252	10.238	400.215	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	237,513 95.916%	9,230 3.727%	884 0.357%	
252	11.246	1,002.997	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	259,793 95.517%	10,613 3.902%	1,580 0.581%	
252	12.243	761.858	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	281,543 95.065%	12,803 4.323%	1,811 0.611%	
252	13.241	407.830	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	304,960 95.202%	13,546 4.229%	1,825 0.570%	
252	14.239	569.001	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	327,565 95.084%	15,015 4.358%	1,922 0.558%	
252	15.236	505.924	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	350,569 95.088%	16,155 4.382%	1,953 0.530%	
252	16.244	570.448	115.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	373,314 94.968%	17,801 4.528%	1,978 0.503%	

*Note: Max rows reached. Export to csv or zip to view all

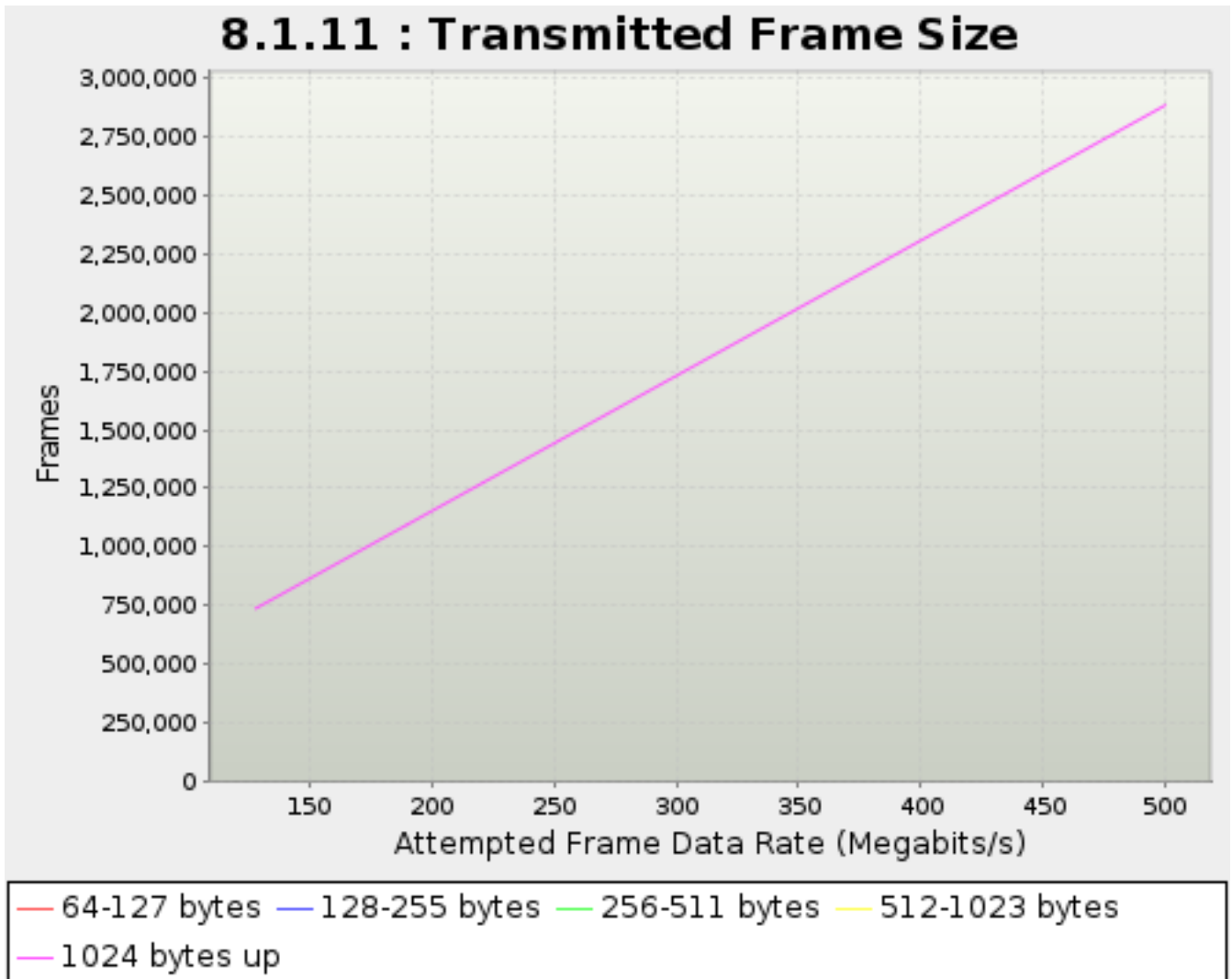
8.1.10. Component Summary

Attempted Frame Data Rate	Frames transmitted	Frames received	Frame bytes transmitted	Frame bytes received
	<i>Frames</i>		<i>Frame bytes</i>	
128	738,420	738,420 100.000%	945,177,600	945,177,600 100.000%
190	1,096,140	1,096,140 100.000%	1,403,059,200	1,403,059,200 100.000%
221	1,275,000	1,274,843 99.988%	1,632,000,000	1,631,799,040 99.988%
252	1,453,800	1,453,512 99.980%	1,860,864,000	1,860,495,360 99.980%
500	2,884,560	2,725,042 94.470%	3,692,236,800	3,488,053,760 94.470%

Attempted Frame Data Rate	Maximum frame transmit rate	Maximum frame receive rate	Maximum frame data transmit rate	Maximum frame data receive rate
	<i>Frames/s</i>		<i>Megabits/s</i>	
128	~12310	~12350	~128	128.4
190	~18270	~18370	~190	191.1
221	~21250	~21250	~221	~221
252	~24230	~24320	~252	252.9
500	~48080	~46730	~500	~486

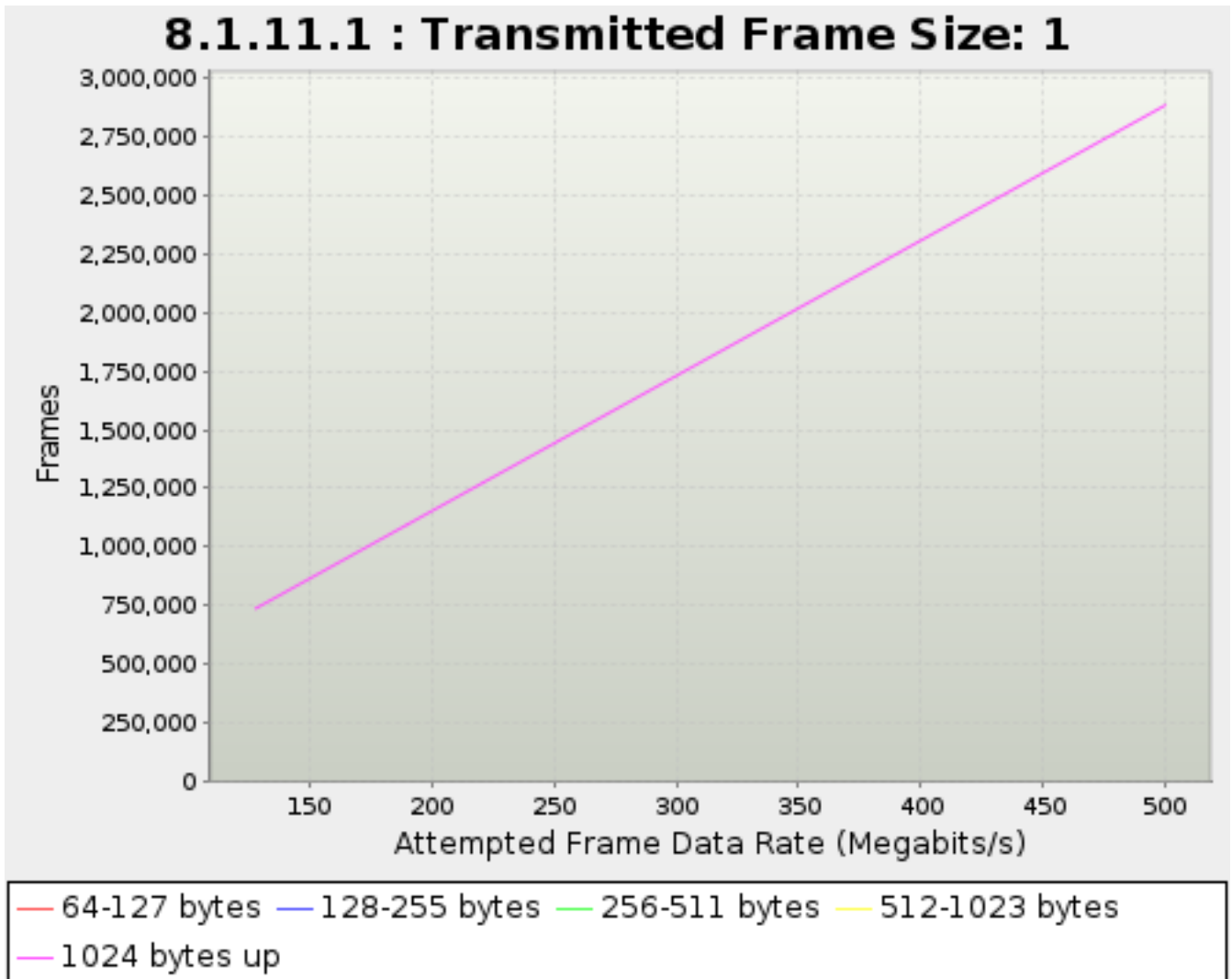
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
128	0	143	0	0	64	0	0	0
190	0	108	0	0	64	0	0	0
221	0	202	0	0	64	157	0	0
252	0	644	0	0	64	288	0	0
500	0	84,914	0	0	64	159,518	0	0

8.1.11. Transmitted Frame Size



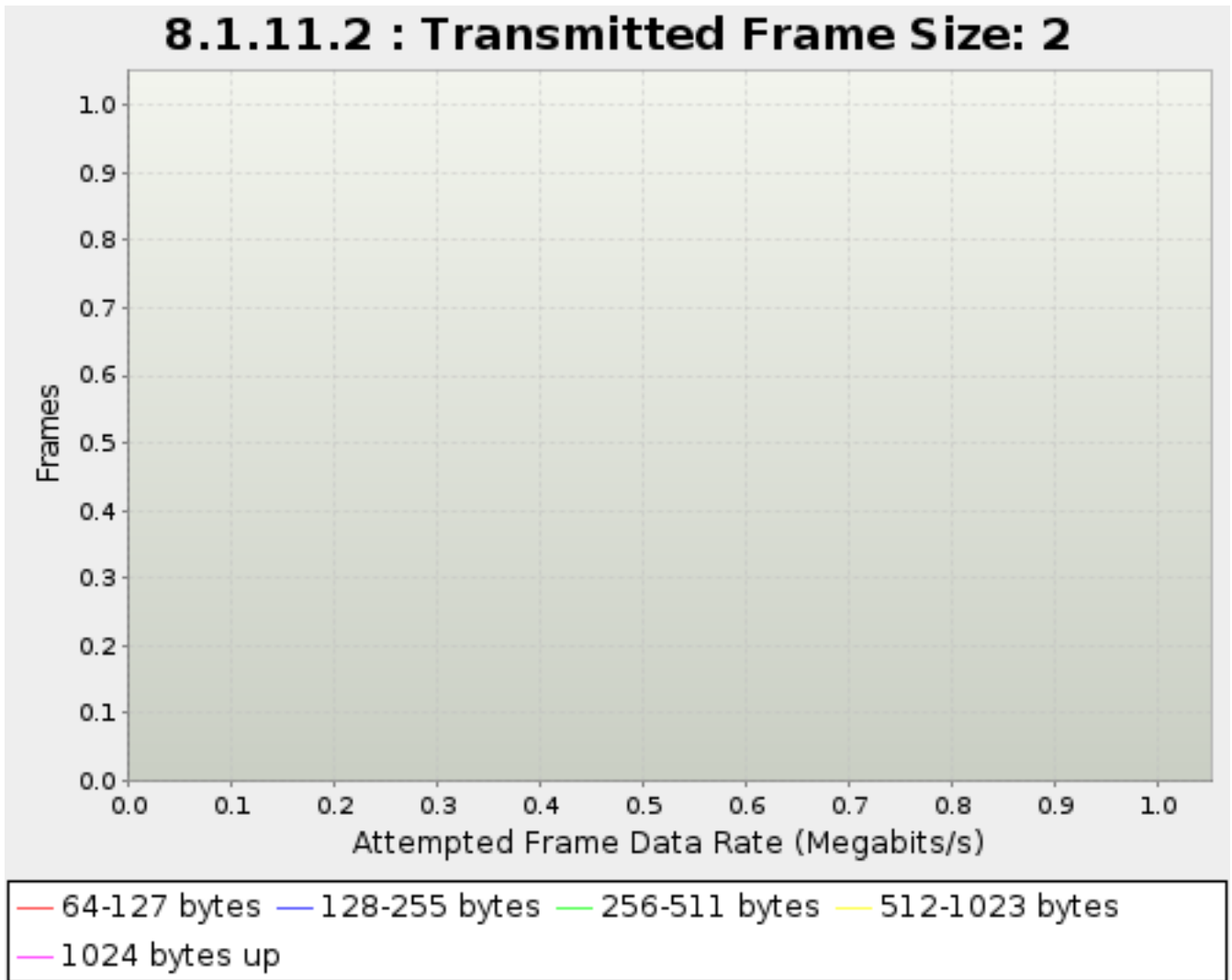
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	63.464	0	0	0	0	738,420
190	62.567	0	0	0	0	1,096,140
221	63.071	0	0	0	0	1,275,000
252	62.496	0	0	0	0	1,453,800
500	62.476	0	0	0	0	2,884,560

8.1.11.1. Transmitted Frame Size: 1



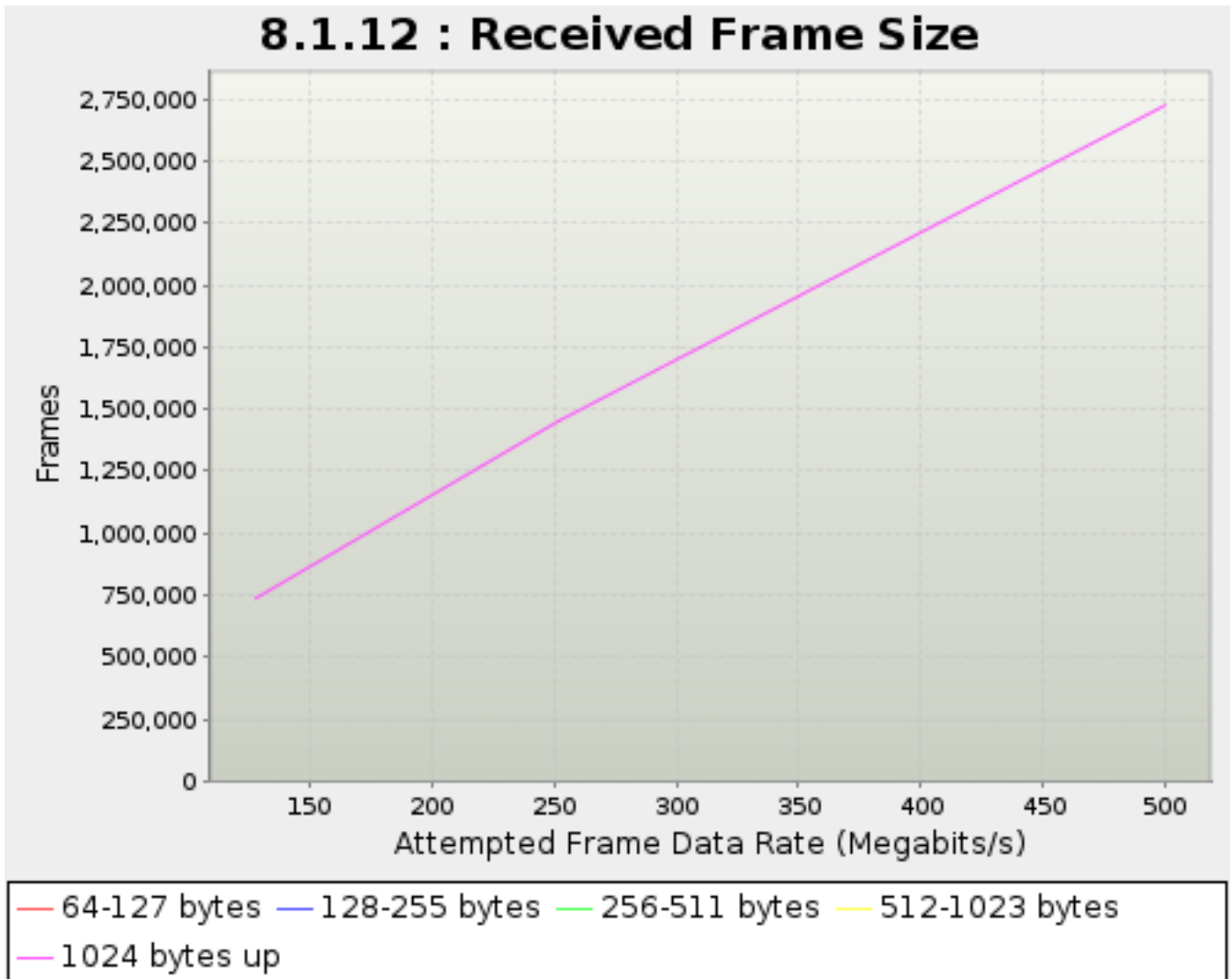
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	63.464	0	0	0	0	738,420
190	62.567	0	0	0	0	1,096,140
221	63.071	0	0	0	0	1,275,000
252	62.496	0	0	0	0	1,453,800
500	62.476	0	0	0	0	2,884,560

8.1.11.2. Transmitted Frame Size: 2



Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	63.464	0	0	0	0	0
190	62.567	0	0	0	0	0
221	63.071	0	0	0	0	0
252	62.496	0	0	0	0	0
500	62.476	0	0	0	0	0

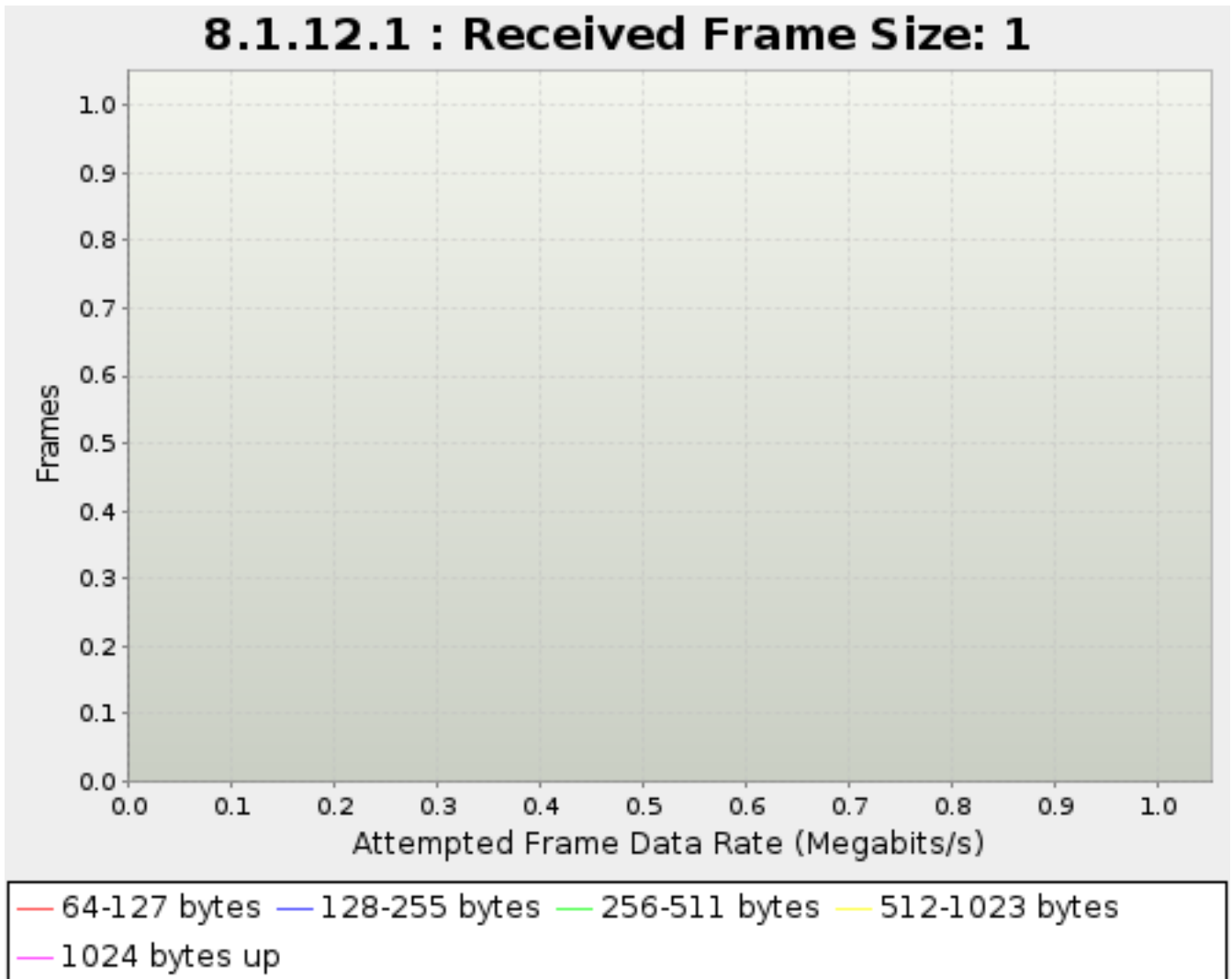
8.1.12. Received Frame Size



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	63.464	0	0	0	0	738,420
190	62.567	0	0	0	0	1,096,140
221	63.071	0	0	0	0	1,274,843
252	62.496	0	0	0	0	1,453,512
500	62.476	0	0	0	0	2,725,042

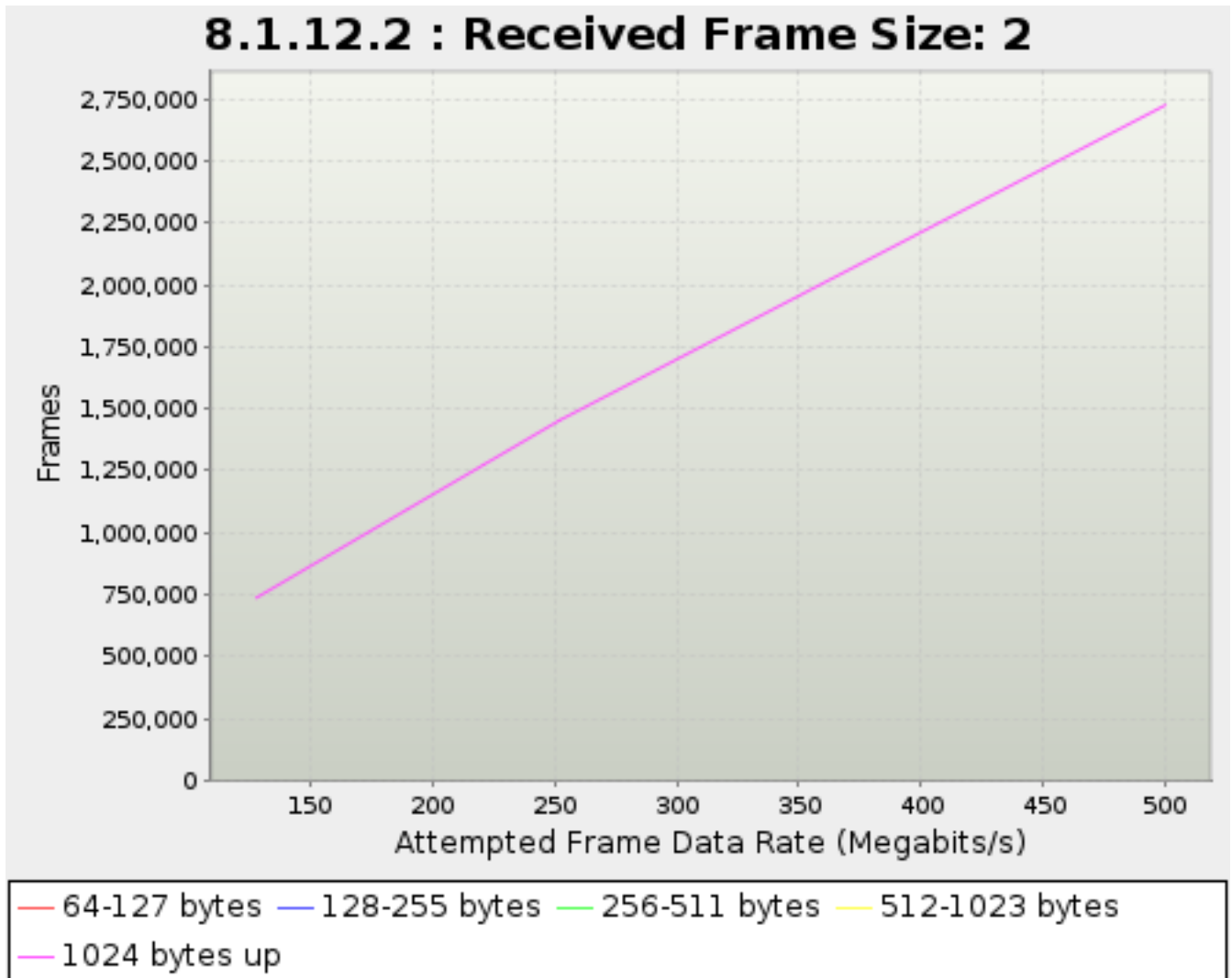
8.1.12.1. Received Frame Size: 1



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	63.464	0	0	0	0	0
190	62.567	0	0	0	0	0
221	63.071	0	0	0	0	0
252	62.496	0	0	0	0	0
500	62.476	0	0	0	0	0

8.1.12.2. Received Frame Size: 2



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	63.464	0	0	0	0	738,420
190	62.567	0	0	0	0	1,096,140
221	63.071	0	0	0	0	1,274,843
252	62.496	0	0	0	0	1,453,512
500	62.476	0	0	0	0	2,725,042

8.2. Aggregate Stats

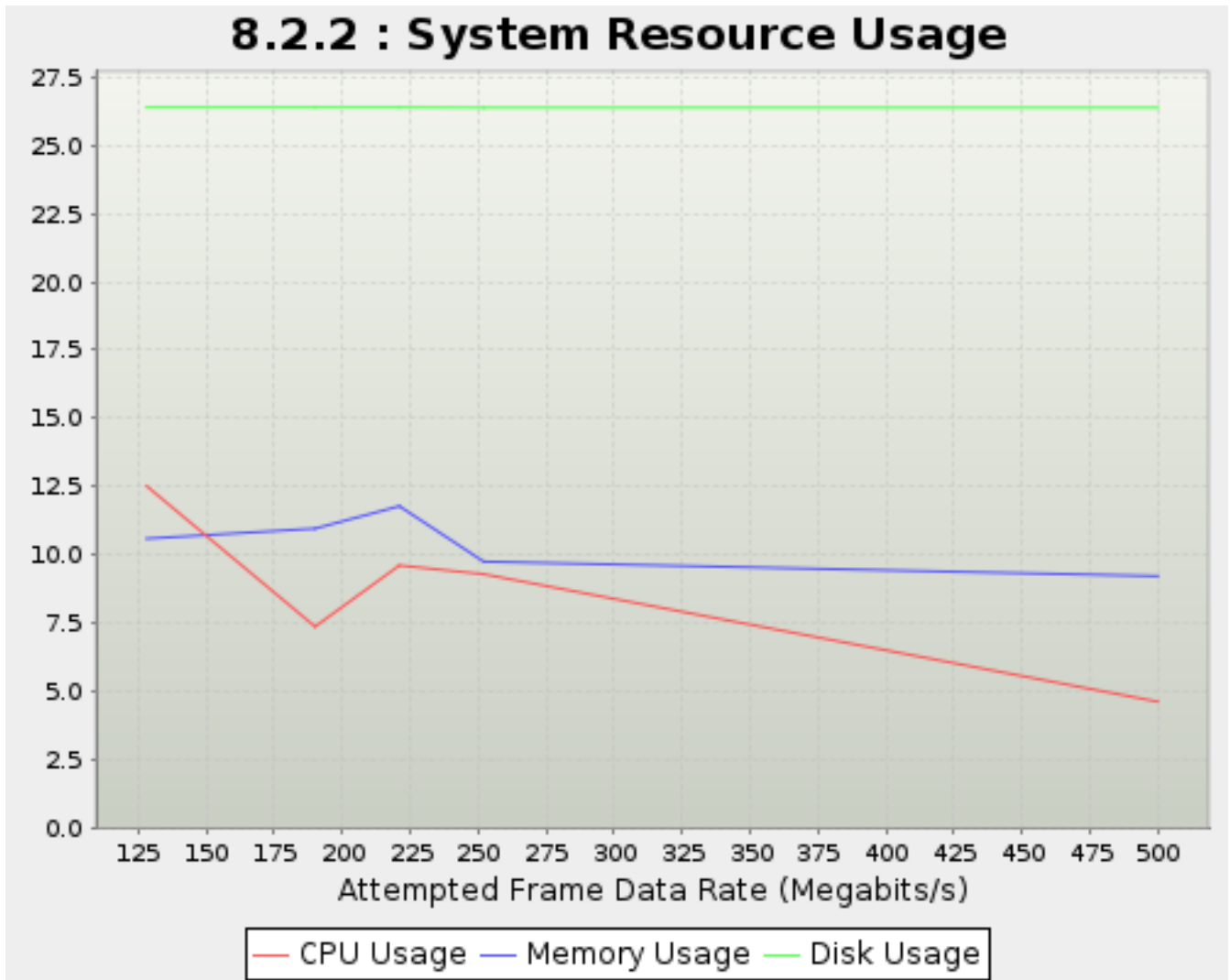
8.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

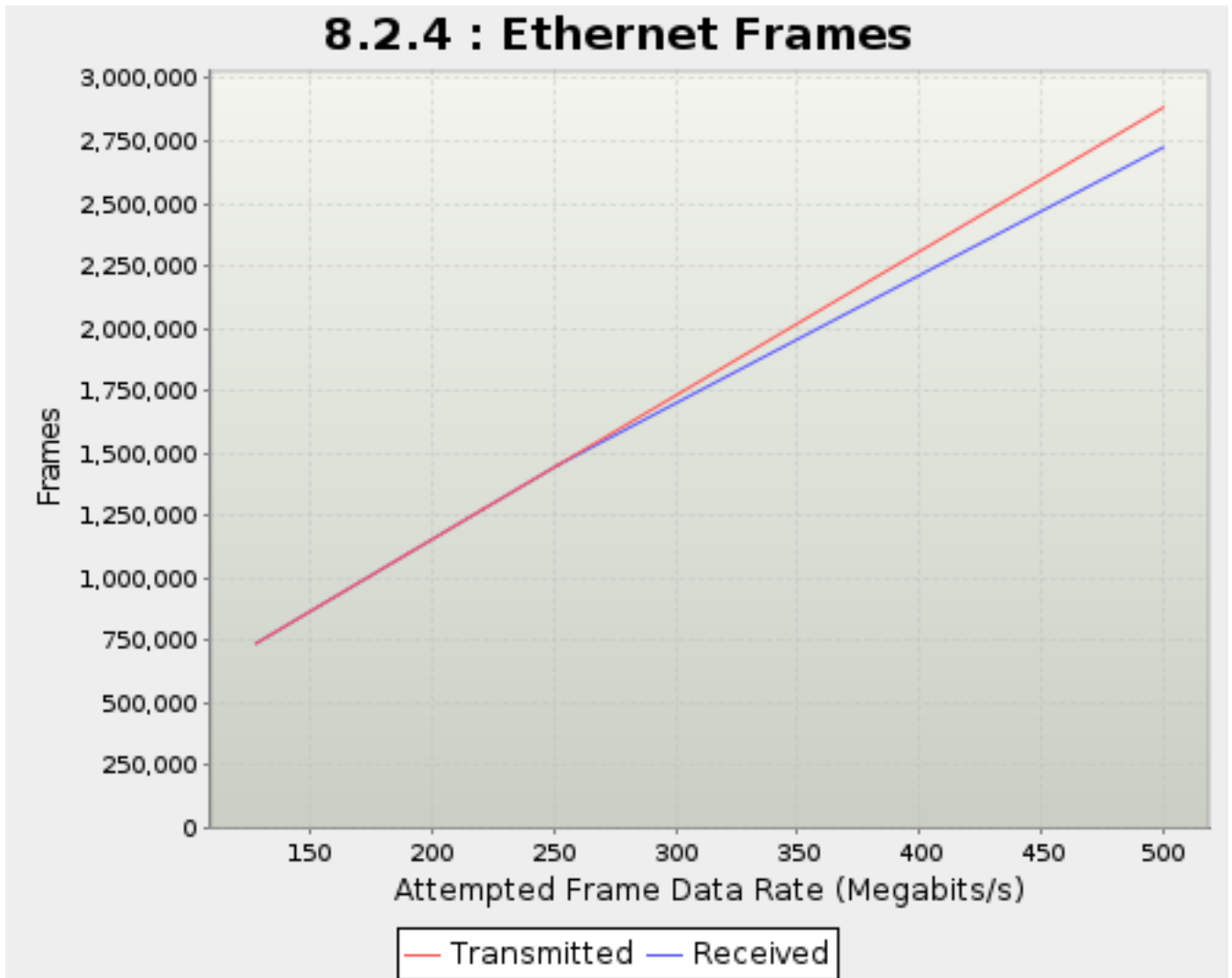
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

8.2.2. System Resource Usage



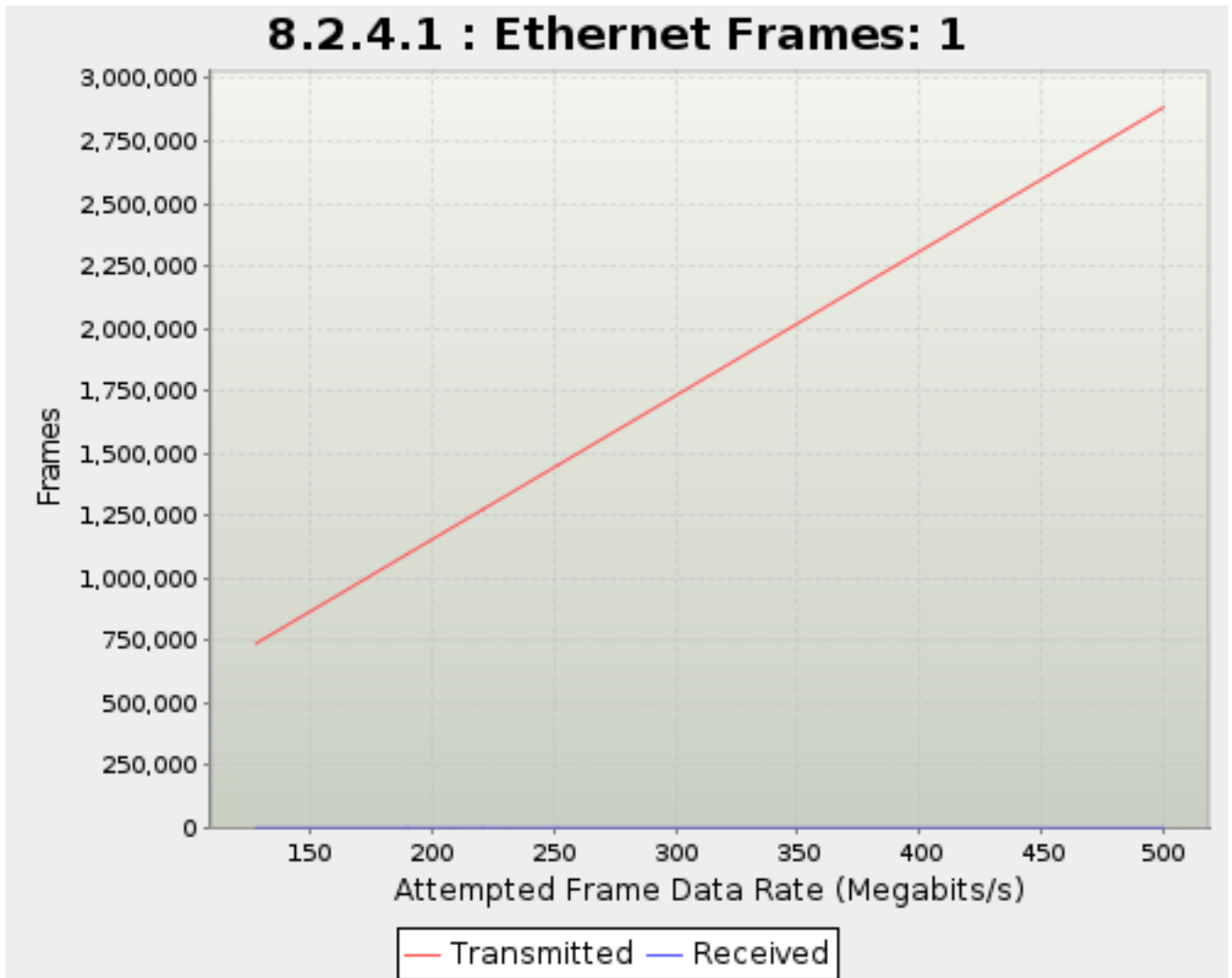
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	64.617	12.53	10.60	26.39
190	63.716	7.38	10.97	26.39
221	64.216	9.62	11.79	26.39
252	63.710	9.30	9.76	26.38
500	63.627	4.63	9.23	26.38

8.2.4. Ethernet Frames



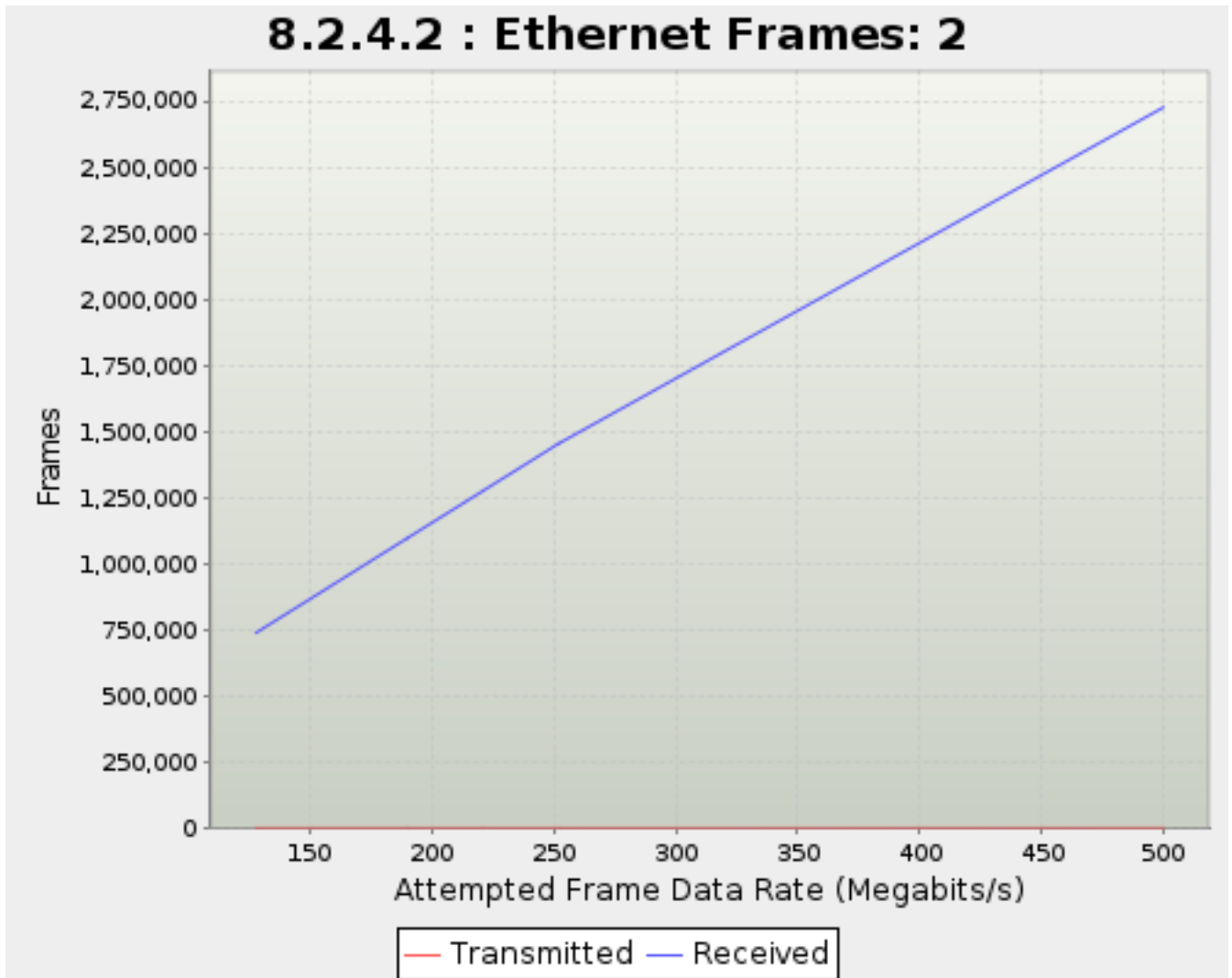
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received
128	64.612	739,291	739,447 <i>100.021%</i>
190	63.706	1,097,073	1,097,190 <i>100.011%</i>
221	64.209	1,276,154	1,276,172 <i>100.001%</i>
252	63.706	1,454,686	1,454,553 <i>99.991%</i>
500	63.625	2,885,287	2,725,854 <i>94.474%</i>

8.2.4.1. Ethernet Frames: 1



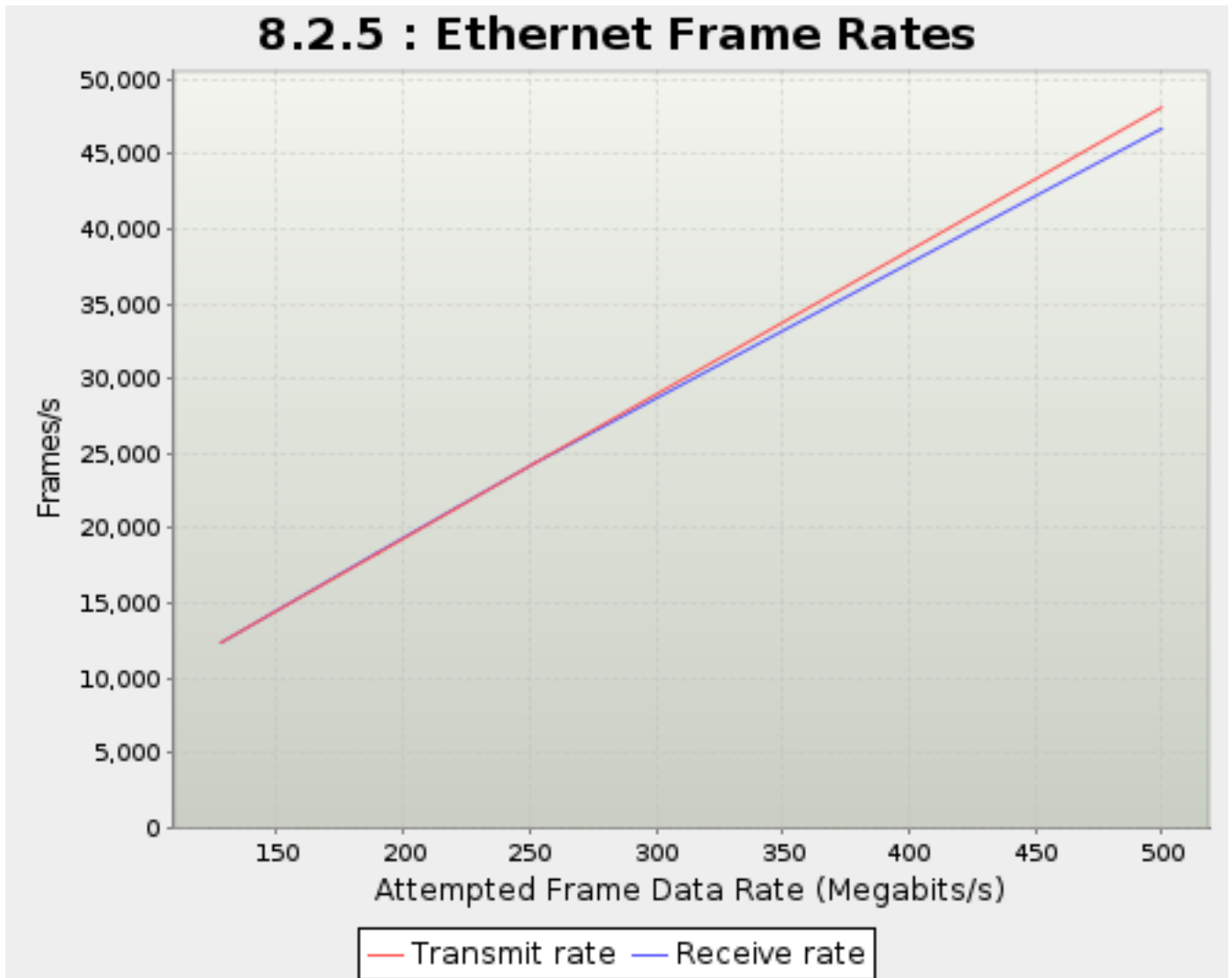
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.612	739,226	830 0.112%
190	63.706	1,097,008	853 0.078%
221	64.209	1,276,027	1,069 0.084%
252	63.706	1,454,559	780 0.054%
500	63.625	2,885,222	615 0.021%

8.2.4.2. Ethernet Frames: 2



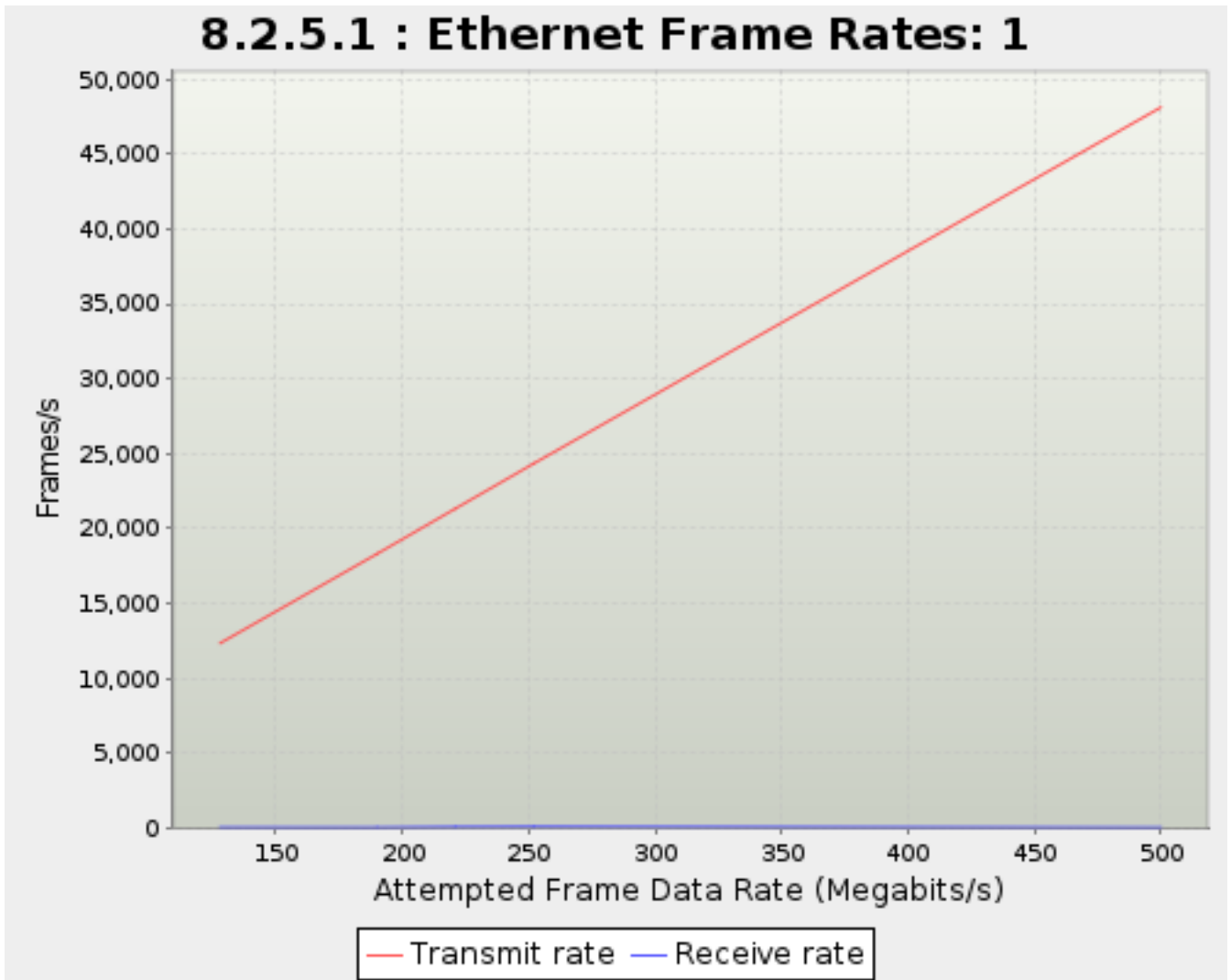
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.612	65	738,617 1136333.846%
190	63.706	65	1,096,337 1686672.308%
221	64.209	127	1,275,103 1004018.110%
252	63.706	127	1,453,773 1144703.150%
500	63.625	65	2,725,239 4192675.385%

8.2.5. Ethernet Frame Rates



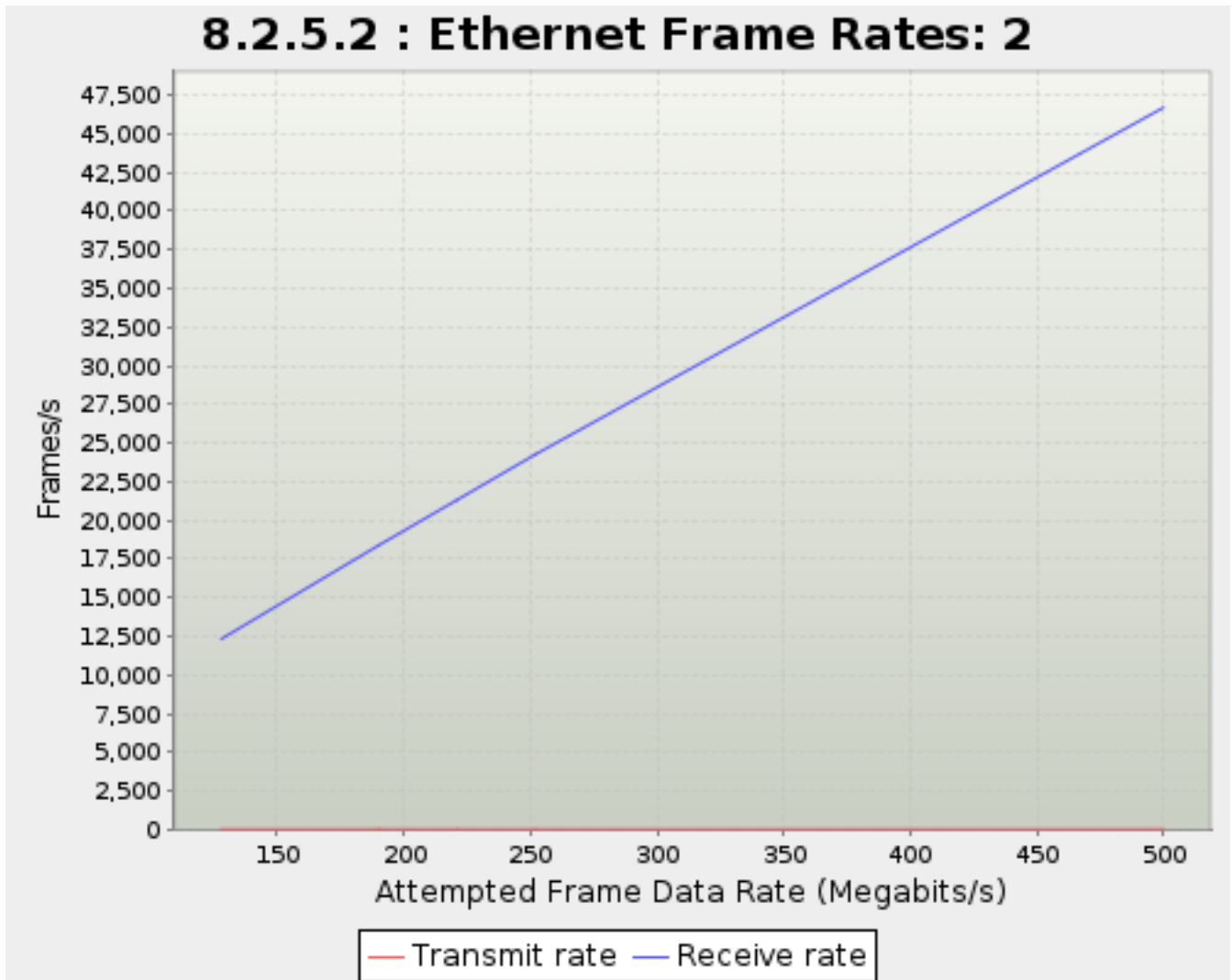
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
128	64.612	~12390	~12390
190	63.706	~18350	~18420
221	64.209	~21360	~21400
252	63.706	~24370	~24370
500	63.625	~48140	~46720

8.2.5.1. Ethernet Frame Rates: 1



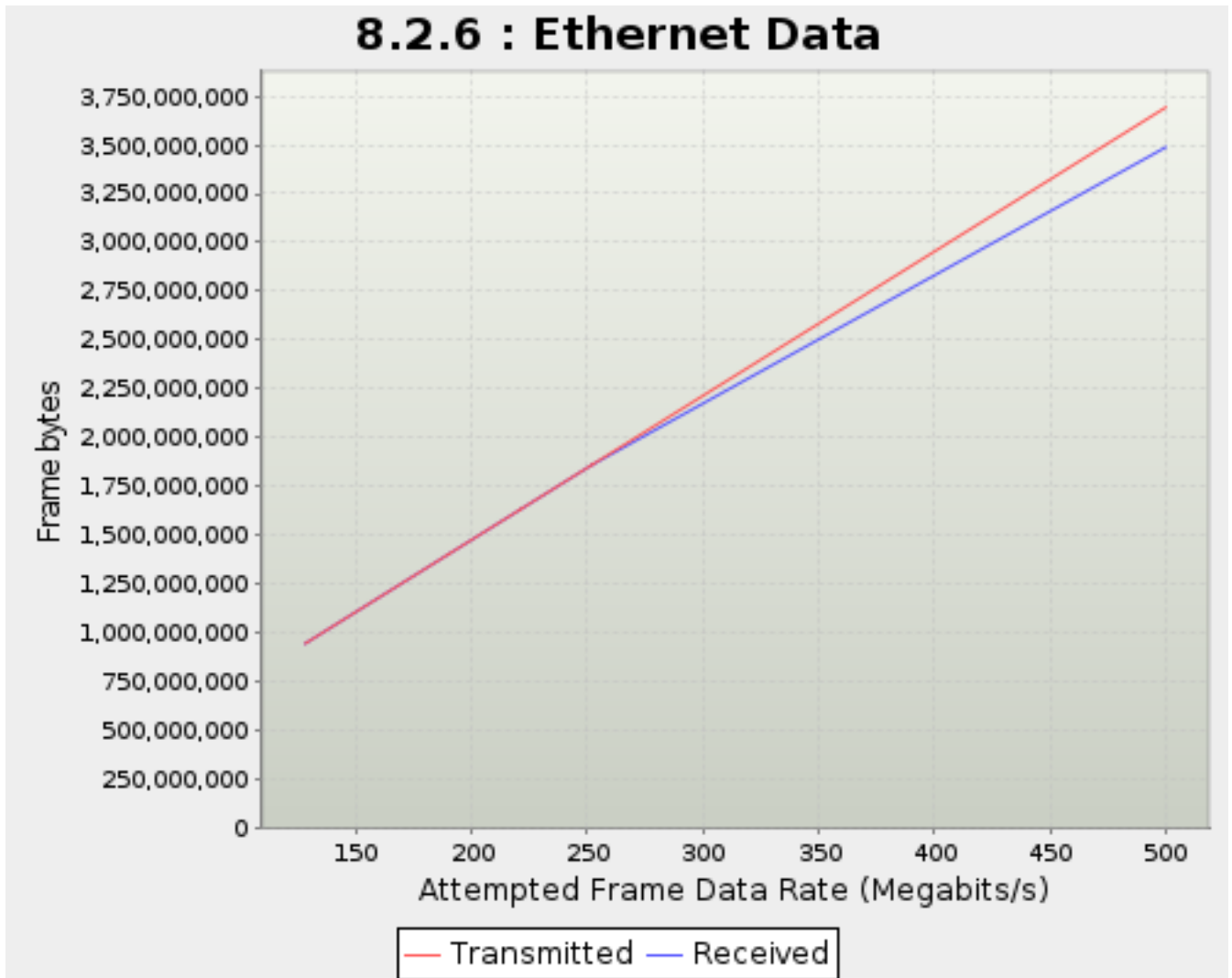
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate
128	64.612	~12350	46.64
190	63.706	~18310	42.10
221	64.209	~21330	82.37
252	63.706	~24340	101.9
500	63.625	~48110	37.09

8.2.5.2. Ethernet Frame Rates: 2



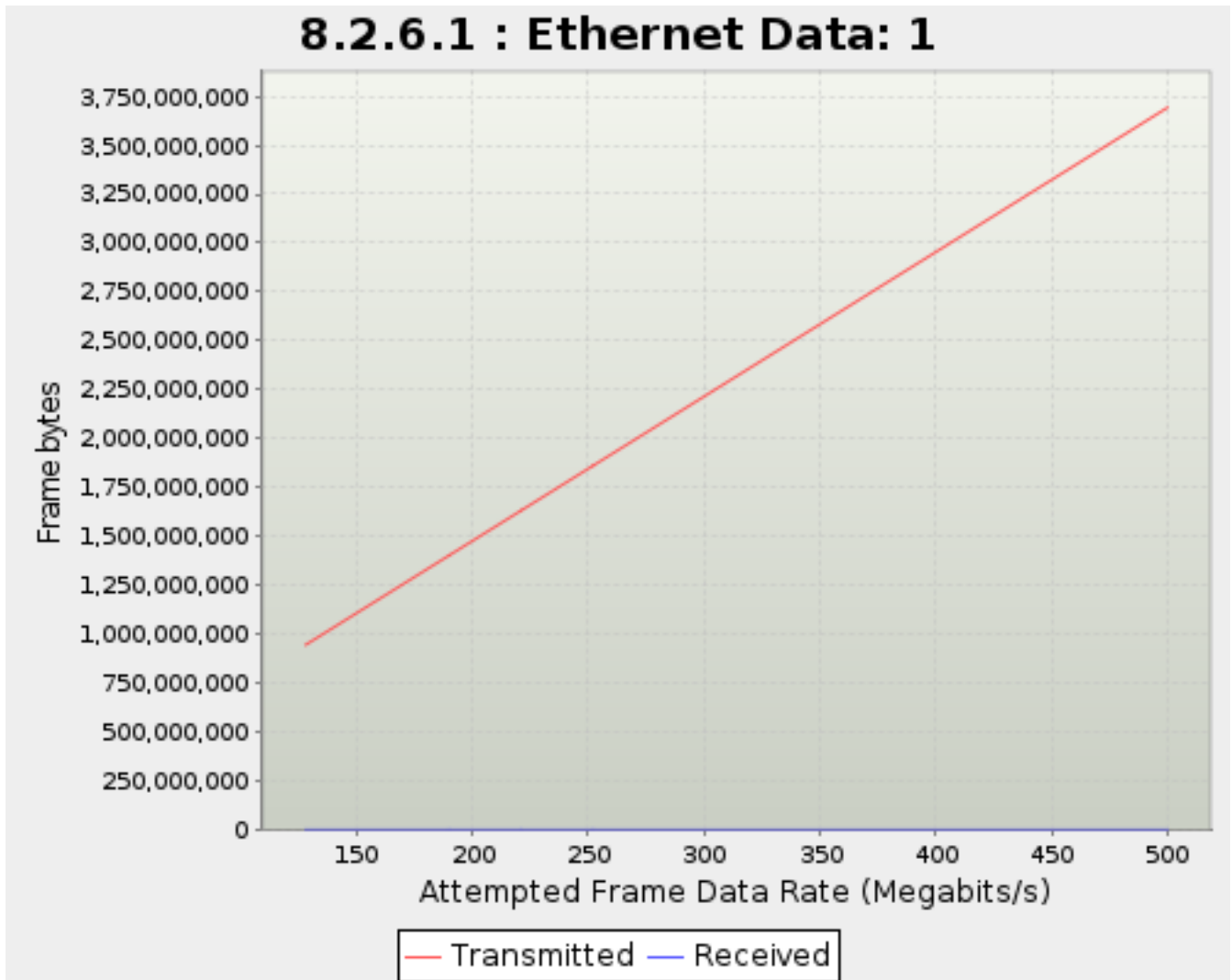
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	64.612	30.76	~12340
190	63.706	31.07	~18380
221	64.209	31.07	~21320
252	63.706	32.08	~24270
500	63.625	30.38	~46690

8.2.6. Ethernet Data



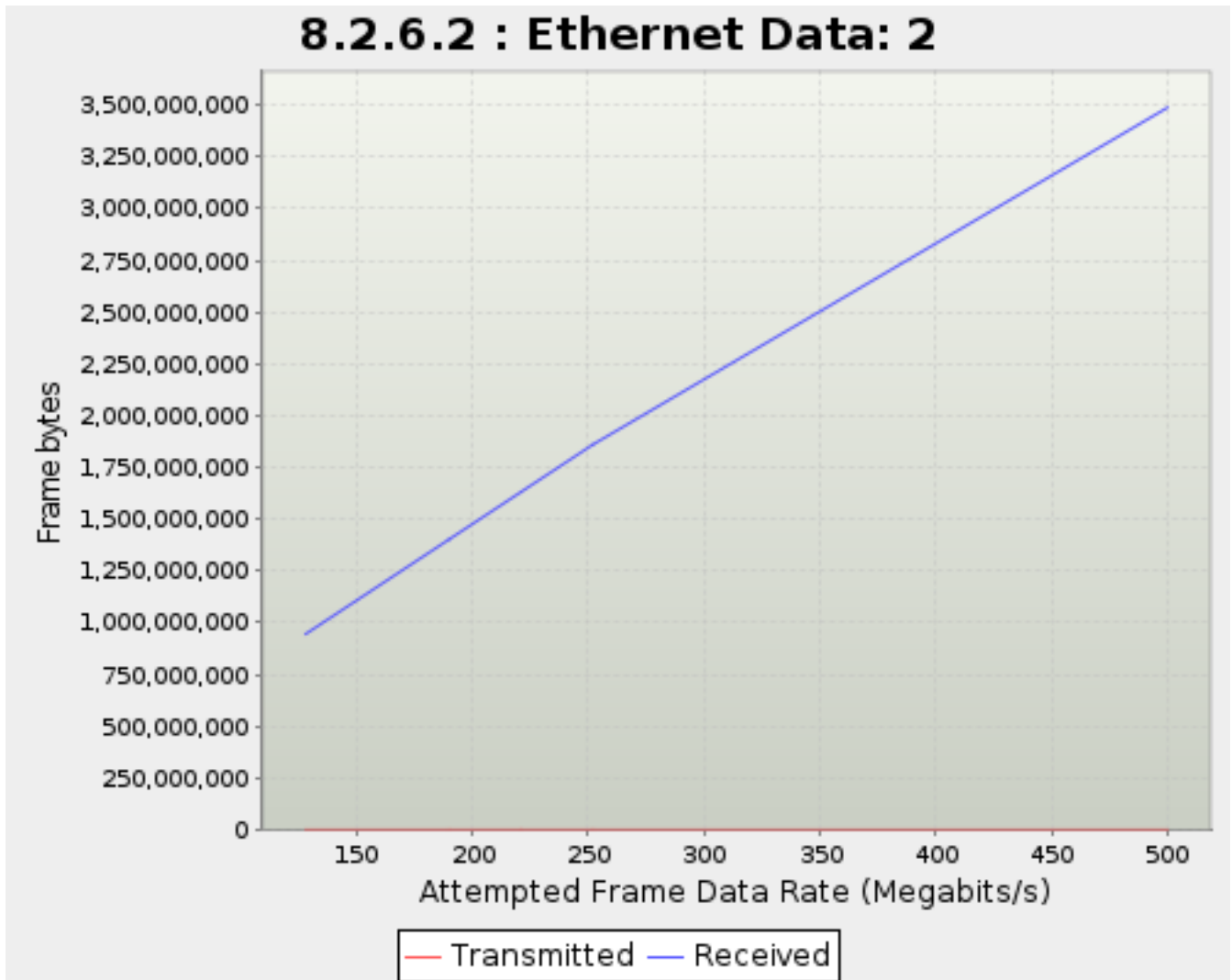
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.612	945,311,168	945,321,550 100.001%
190	63.706	1,403,196,736	1,403,204,649 100.001%
221	64.209	1,632,151,680	1,631,962,409 99.988%
252	63.706	1,860,998,528	1,860,640,246 99.981%
500	63.625	3,692,361,152	3,488,183,956 94.470%

8.2.6.1. Ethernet Data: 1



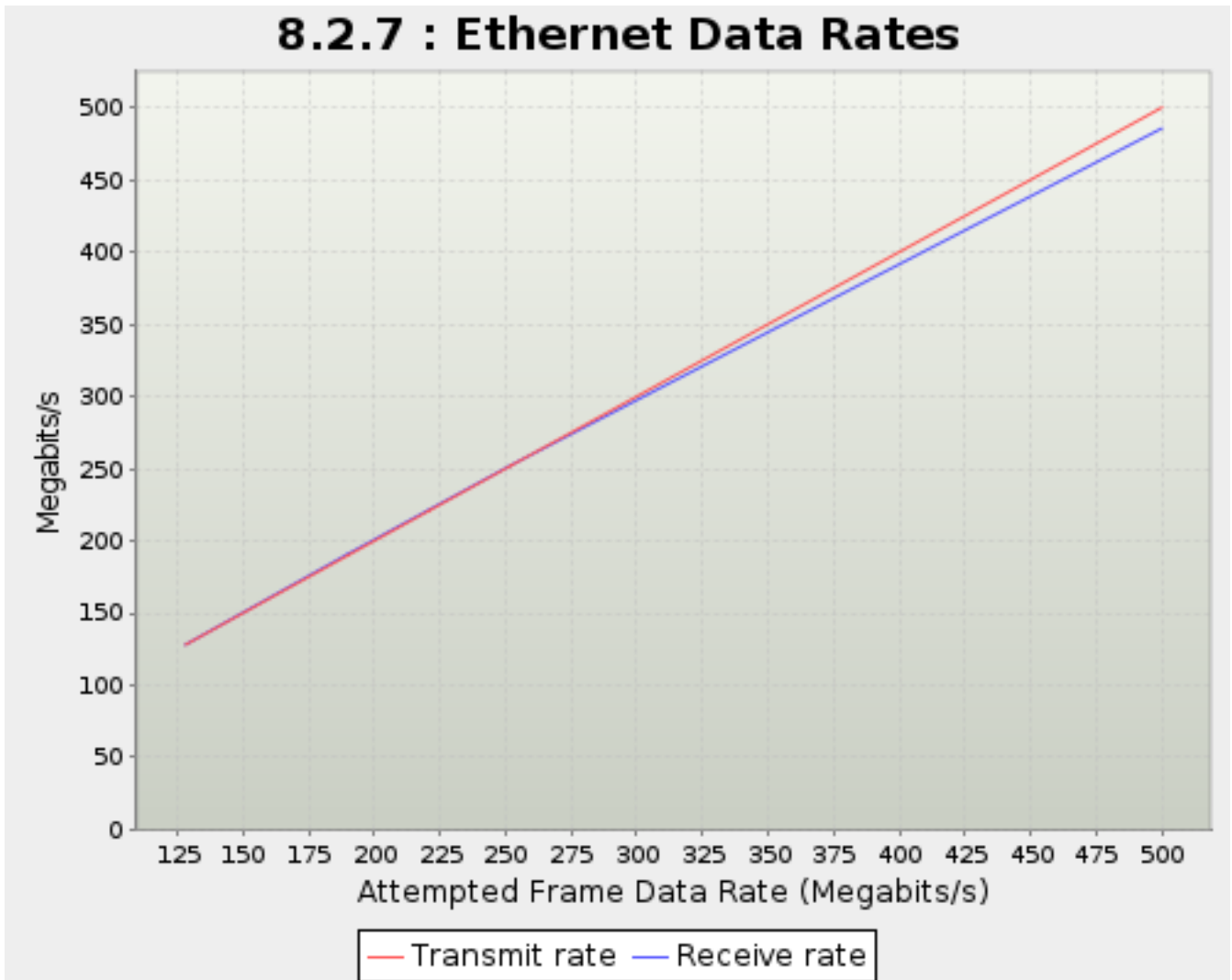
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.612	945,307,008	53,120 0.006%
190	63.706	1,403,192,576	54,592 0.004%
221	64.209	1,632,143,552	68,416 0.004%
252	63.706	1,860,990,400	49,920 0.003%
500	63.625	3,692,356,992	39,360 0.001%

8.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.612	4,160	945,268,430 22722798.798%
190	63.706	4,160	1,403,150,057 33729568.678%
221	64.209	8,128	1,631,893,993 20077435.938%
252	63.706	8,128	1,860,590,326 22891121.137%
500	63.625	4,160	3,488,144,596 83849629.712%

8.2.7. Ethernet Data Rates



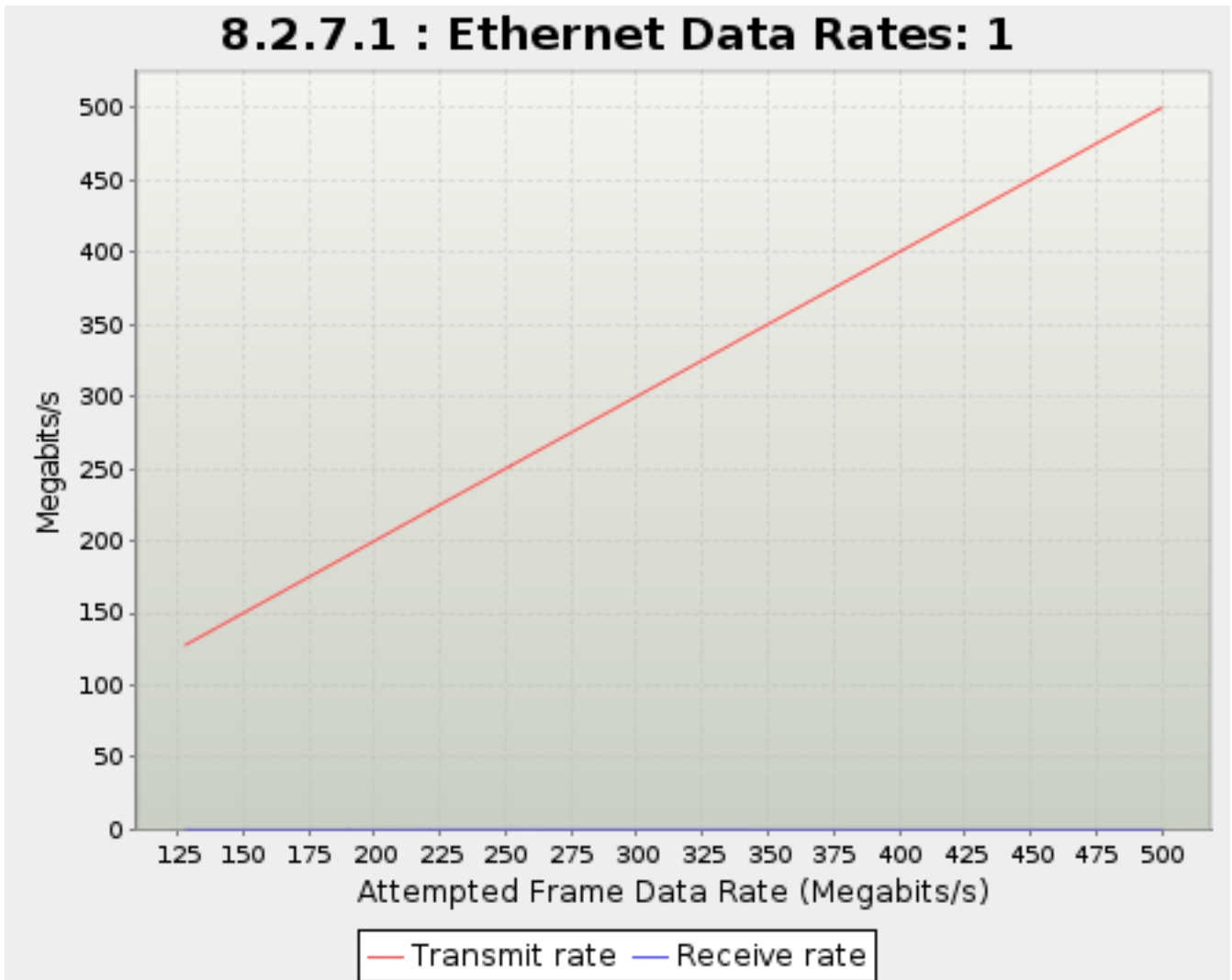
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	64.612	128.1	128.2
190	63.706	190.1	191.1
221	64.209	221.1	221.8
252	63.706	252.1	252.4
500	63.625	~500	485.6

8.2.7.1. Ethernet Data Rates: 1



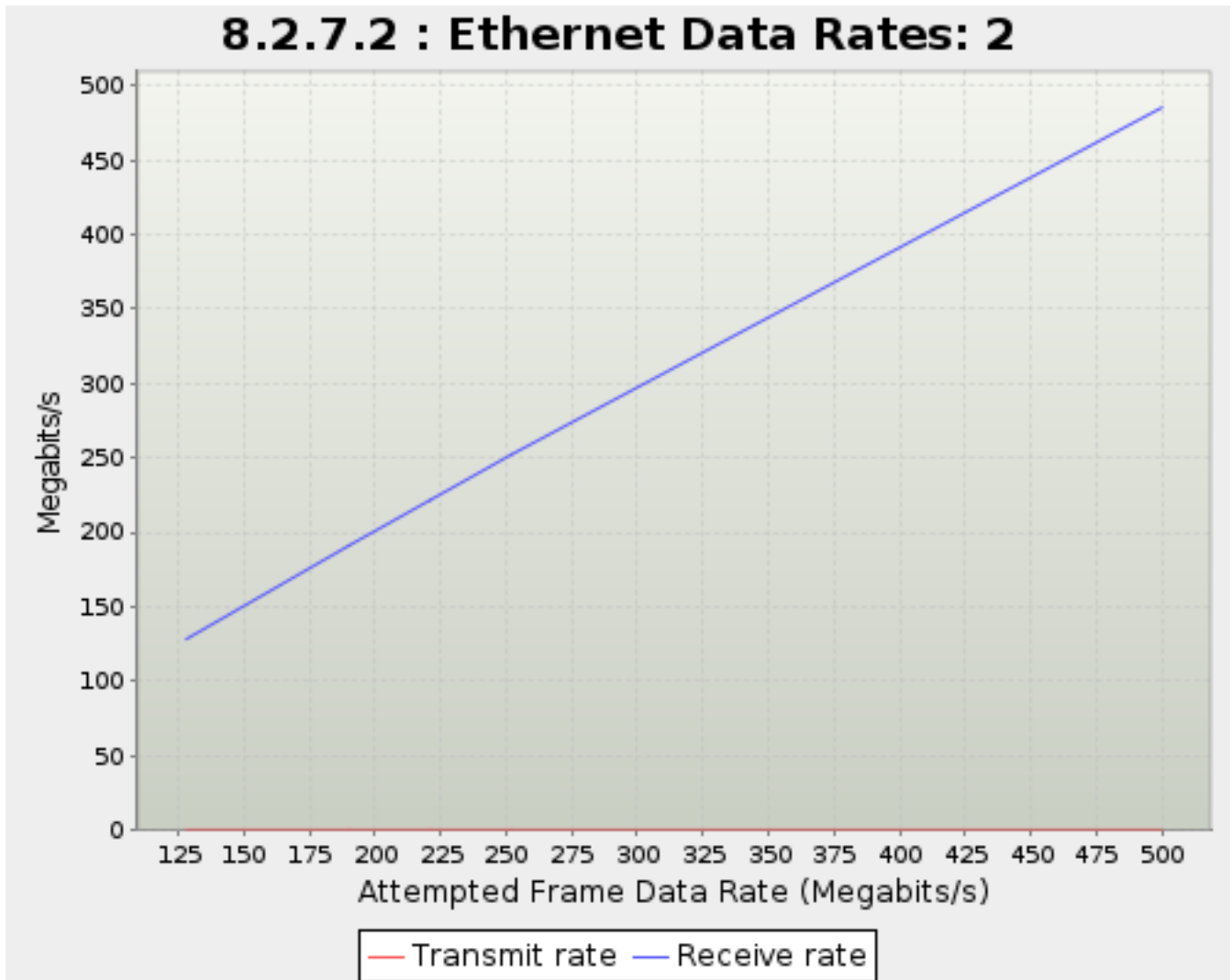
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	64.612	~128	0.03134
190	63.706	~190	0.02829
221	64.209	221.1	0.05535
252	63.706	252.1	0.06849
500	63.625	~500	0.02492

8.2.7.2. Ethernet Data Rates: 2



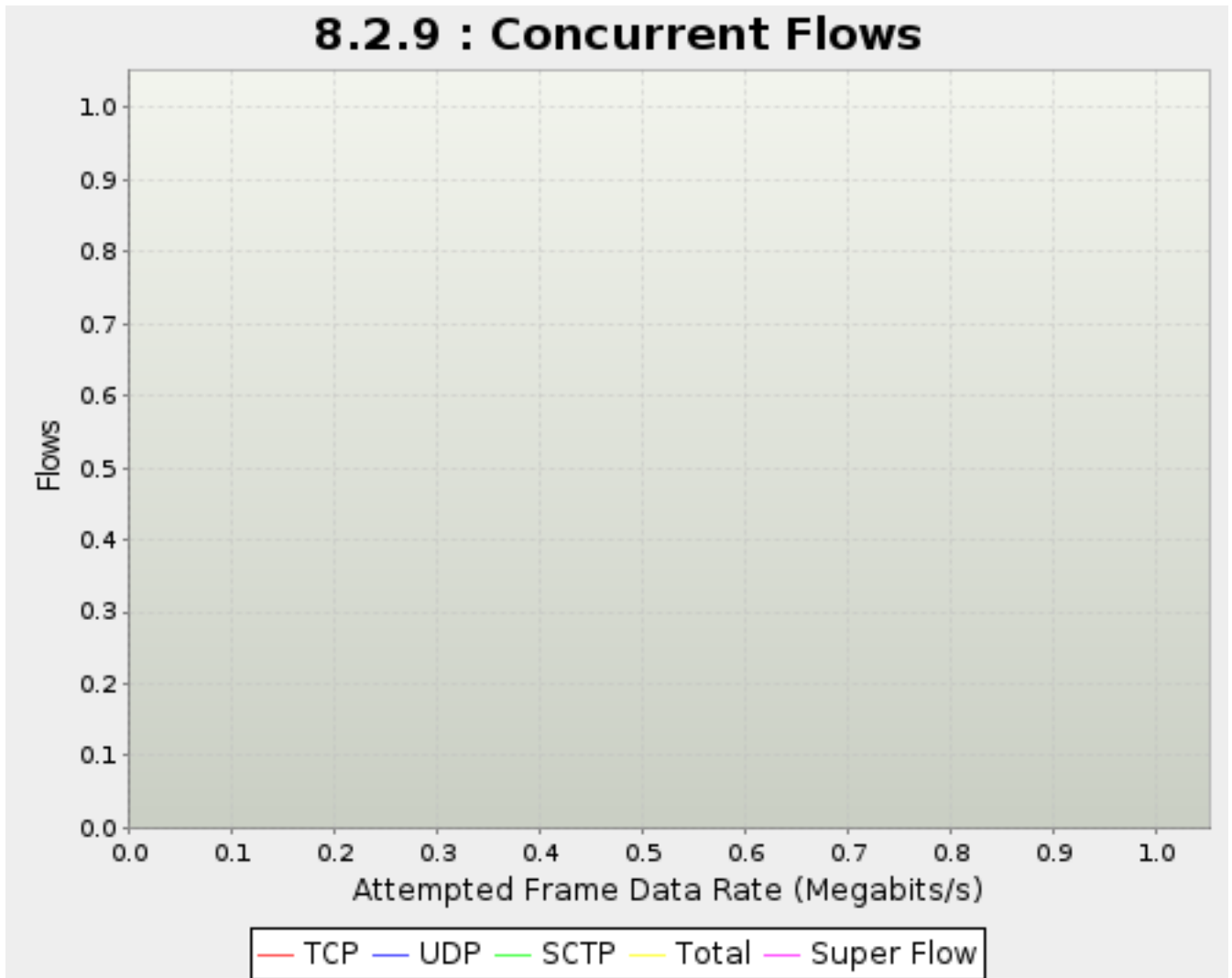
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

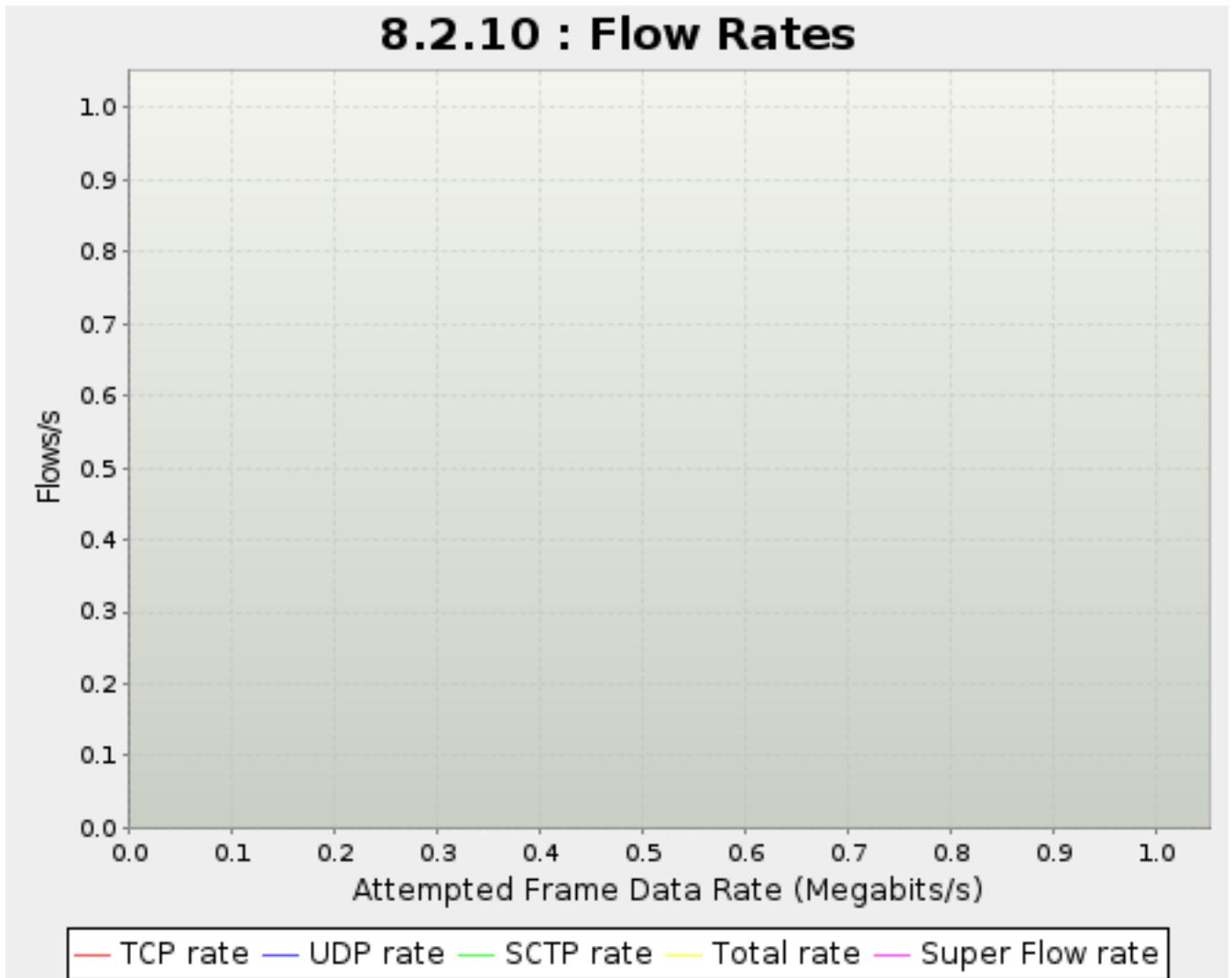
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	64.612	0.02067	128.2
190	63.706	0.02088	191.1
221	64.209	0.02088	221.7
252	63.706	0.02156	252.3
500	63.625	0.02041	485.6

8.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
128	63.744	0	0	0	0	0
190	63.277	0	0	0	0	0
221	63.607	0	0	0	0	0
252	63.258	0	0	0	0	0
500	63.247	0	0	0	0	0

8.2.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	Sctp rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
128	63.744	0.00	0.00	0.00	0.00	0.00
190	63.277	0.00	0.00	0.00	0.00	0.00
221	63.607	0.00	0.00	0.00	0.00	0.00
252	63.258	0.00	0.00	0.00	0.00	0.00
500	63.247	0.00	0.00	0.00	0.00	0.00

8.2.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		192.168.0.0/16	192.168.0.1	up
128	0		10.201.0.0/16	10.201.0.254	up
190	0		192.168.0.0/16	192.168.0.1	up
190	0		10.201.0.0/16	10.201.0.254	up
221	0		10.201.0.0/16	10.201.0.254	up
221	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	up
500	0		10.201.0.0/16	10.201.0.254	up

8.2.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		192.168.0.0/16	192.168.0.1	up
190	0		192.168.0.0/16	192.168.0.1	up
221	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	0		192.168.0.0/16	192.168.0.1	up

8.2.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		10.201.0.0/16	10.201.0.254	up
190	0		10.201.0.0/16	10.201.0.254	up
221	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		10.201.0.0/16	10.201.0.254	up

8.2.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	64.610	6	6	840	801	0	39	0	0
190	63.706	6	6	890	863	0	27	0	0
221	64.212	6	6	1,206	1,084	0	122	0	0
252	63.698	6	6	853	816	0	37	0	0
500	63.618	6	6	690	657	0	33	0	0

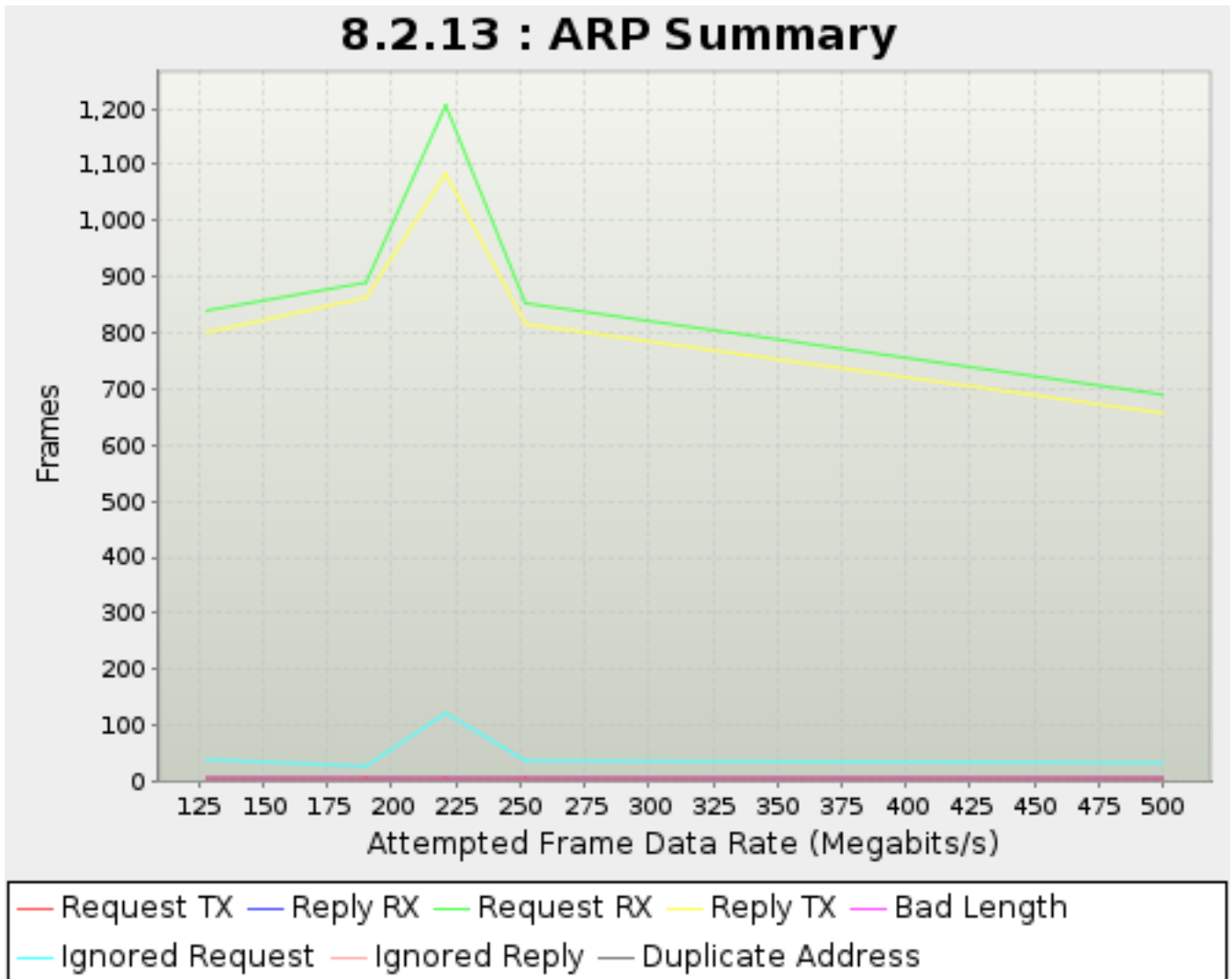
8.2.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	64.610	3	3	762	739	0	23	0	0
190	63.706	3	3	812	801	0	11	0	0
221	64.212	3	3	1,066	960	0	106	0	0
252	63.698	3	3	712	692	0	20	0	0
500	63.618	3	3	612	595	0	17	0	0

8.2.12.2. ARP: 2

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	64.610	3	3	78	62	0	16	0	0
190	63.706	3	3	78	62	0	16	0	0
221	64.212	3	3	140	124	0	16	0	0
252	63.698	3	3	141	124	0	17	0	0
500	63.618	3	3	78	62	0	16	0	0

8.2.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
<i>Frames</i>								
128	6	6	840	801	0	39	0	0
190	6	6	890	863	0	27	0	0
221	6	6	1,206	1,084	0	122	0	0
252	6	6	853	816	0	37	0	0
500	6	6	690	657	0	33	0	0

8.2.16. Multicast Packets Discarded

Attempted Frame Data Rate	Timestamp	IP: Unsupported Protocol	IGMP: Invalid Query	IGMP: Invalid Length	IGMP: Invalid Checksum
	<i>Seconds</i>	<i>Frames</i>			
500	63.618	0	0	0	0

8.2.17.1. Multicast Packets Received: 2

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Query	IGMP v2 Query	IGMP v3 Query	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Unknown
	<i>Seconds</i>	<i>Frames</i>								
500	63.618	1	0	0	0	0	0	0	0	0

8.2.18. Multicast Packets Transmitted

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Other	IP Proto Other
	<i>Seconds</i>	<i>Frames</i>						
500	63.618	0	0	0	0	0	0	0

8.2.18.1. Multicast Packets Transmitted: 2

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Other	IP Proto Other
<i>Seconds</i>		<i>Frames</i>						
500	63.618	0	0	0	0	0	0	0

8.2.19. Multicast Packet Summary

Attempted Frame Data Rate	Discard IP: Unsupported Protocol	Discard IGMP: Invalid Query	Discard IGMP: Invalid Length	Discard IGMP: Invalid Checksum	Received: UDP	Received: IGMP v1 Members Query	Received: IGMP v2 Members Query	Received: IGMP v3 Members Query	Received: IGMP v1 Reports	Received: IGMP v2 Reports	Received: IGMP v3 Reports	Received: IGMP v2 Leave Group	Received: IGMP v2 Unknown Type	Transmitted: IGMP v1 Members Report	Transmitted: IGMP v2 Members Report	Transmitted: IGMP v3 Members Report	Transmitted: IGMP v2 Leave Group	Transmitted: IGMP v2 Other	Transmitted: IP Other
<i>Frames</i>																			
500	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

8.2.20. Slot 1 NP np1-0 statistics

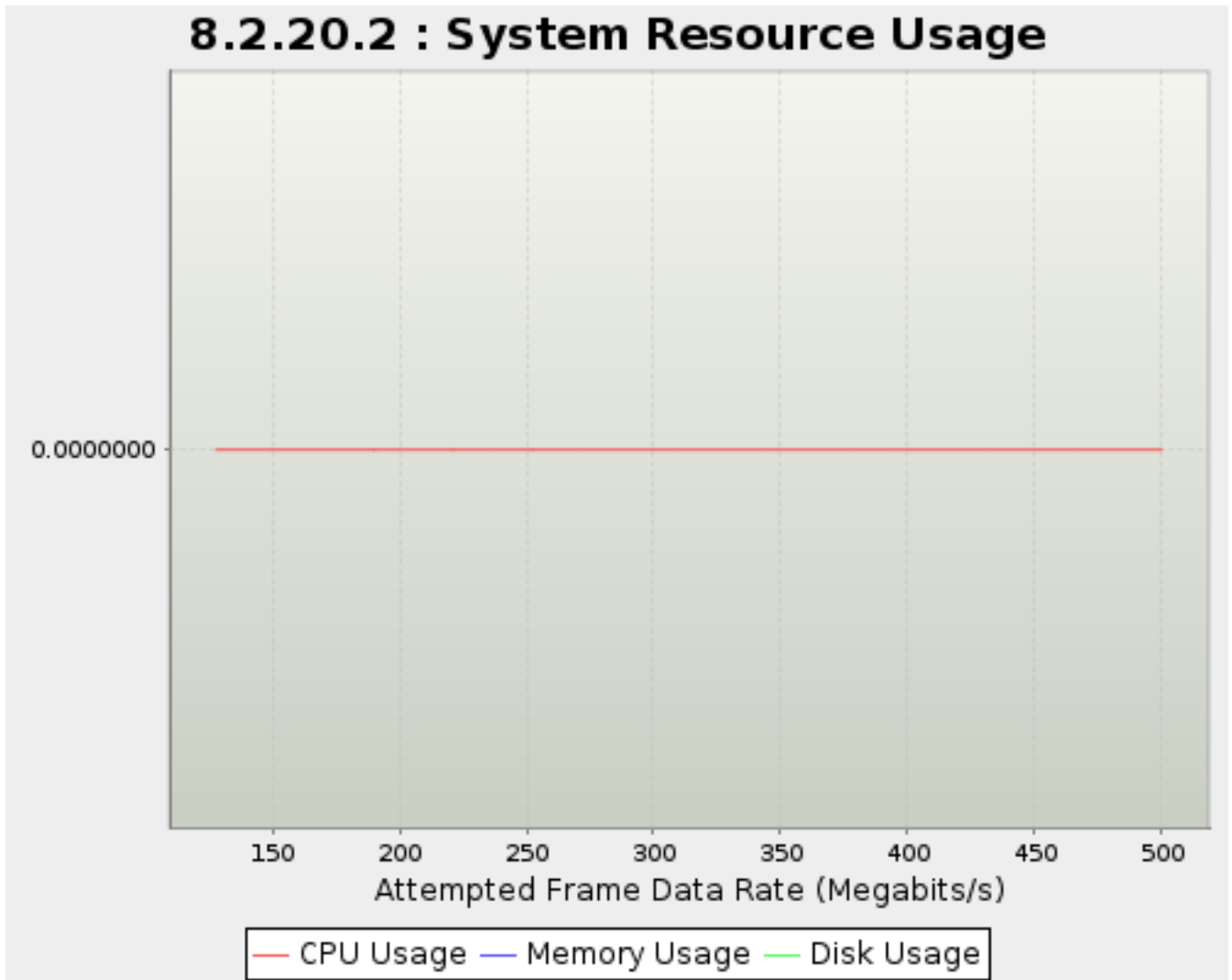
8.2.20.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

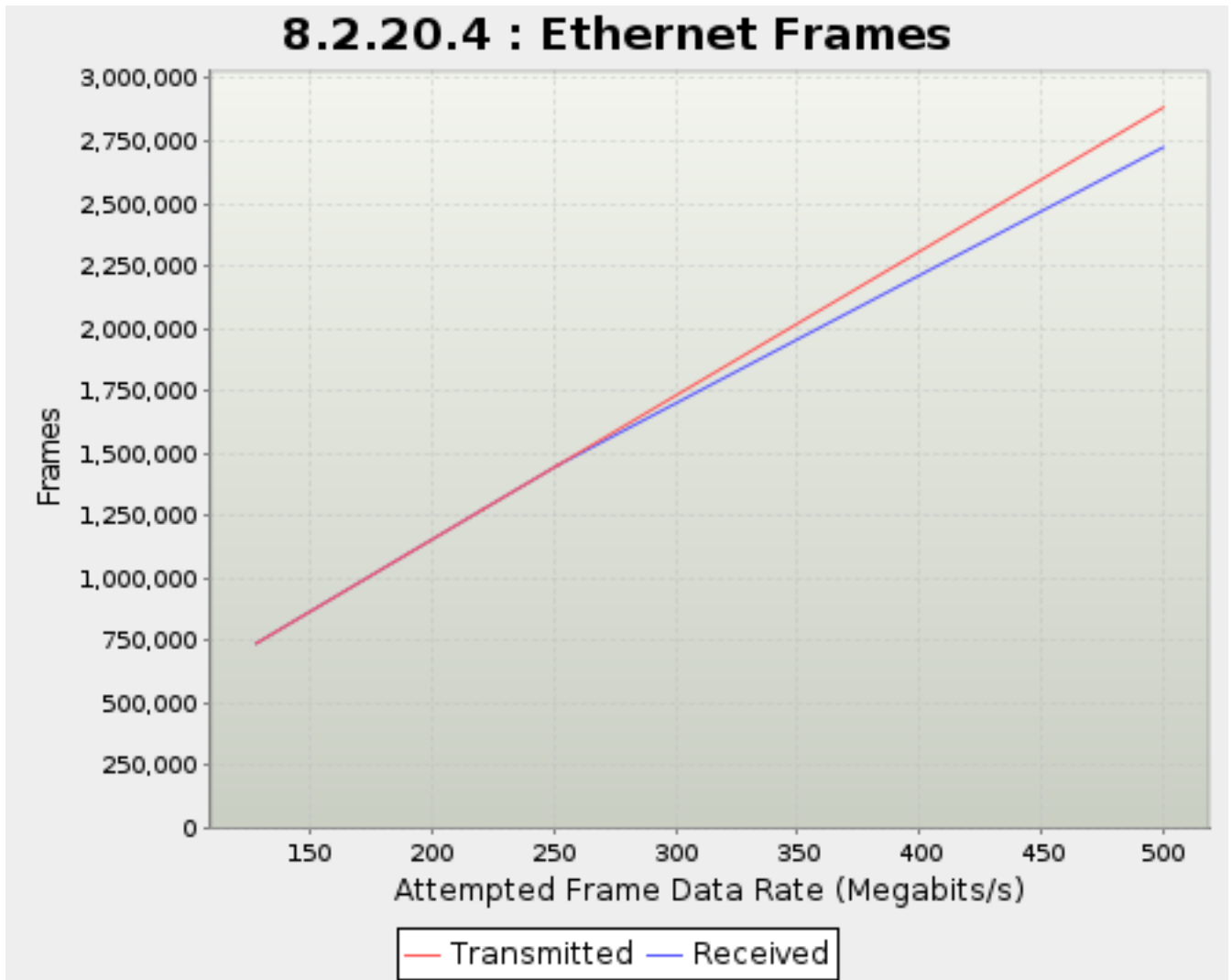
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0

8.2.20.2. System Resource Usage



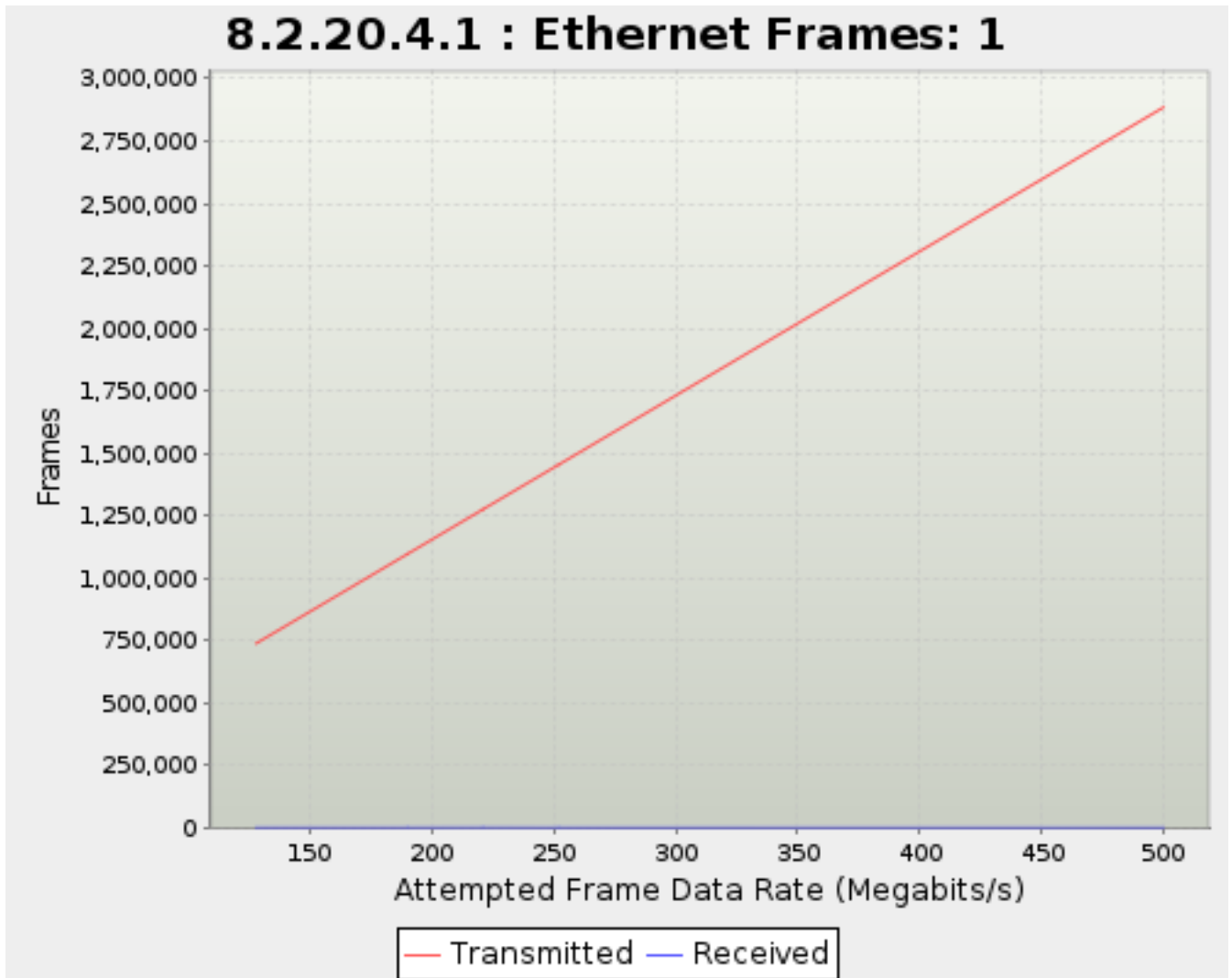
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	64.610	0	0	0
190	63.706	0	0	0
221	64.212	0	0	0
252	63.698	0	0	0
500	63.618	0	0	0

8.2.20.4. Ethernet Frames



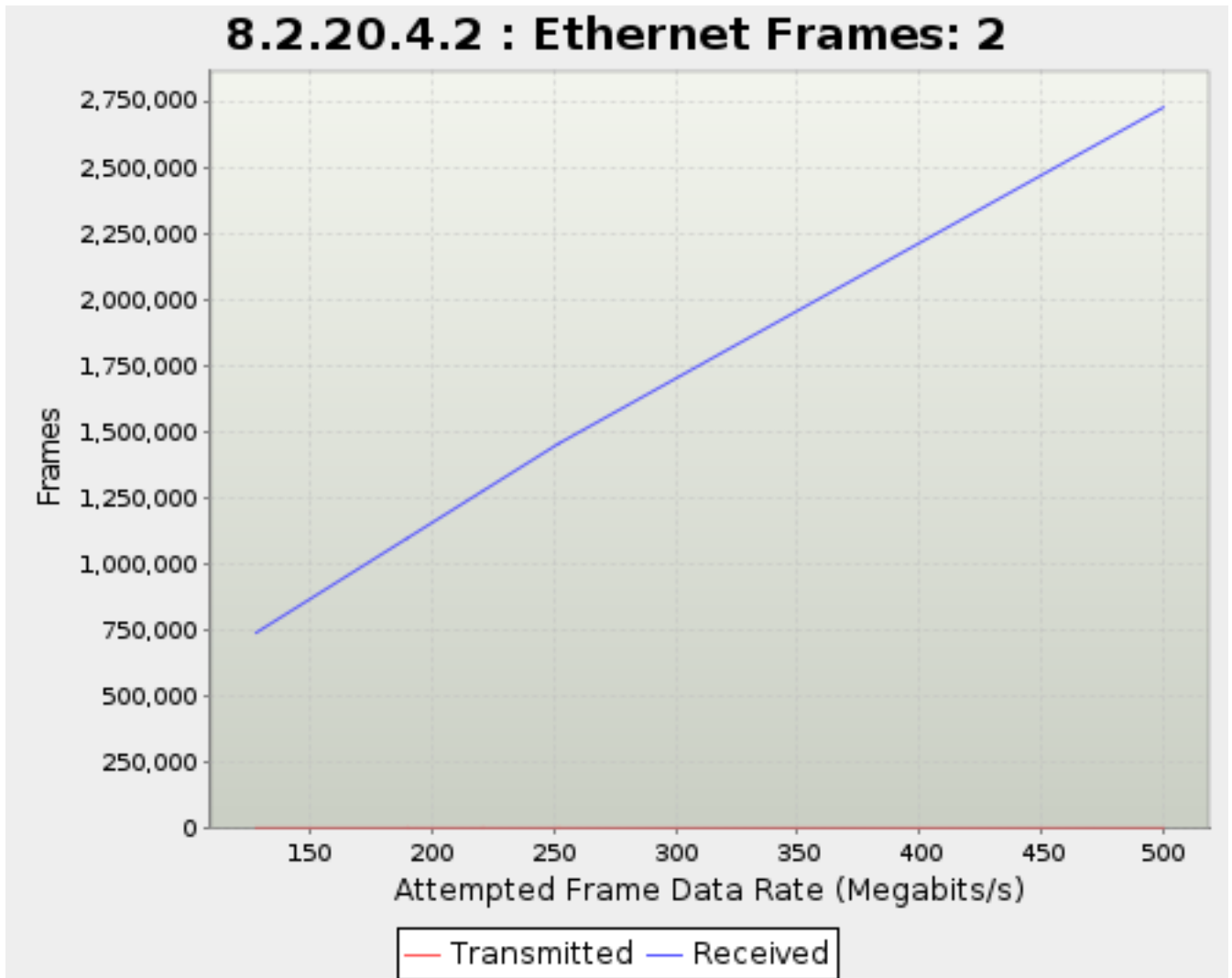
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.612	739,291	739,447 100.021%
190	63.706	1,097,073	1,097,190 100.011%
221	64.209	1,276,154	1,276,172 100.001%
252	63.706	1,454,686	1,454,553 99.991%
500	63.625	2,885,287	2,725,854 94.474%

8.2.20.4.1. Ethernet Frames: 1



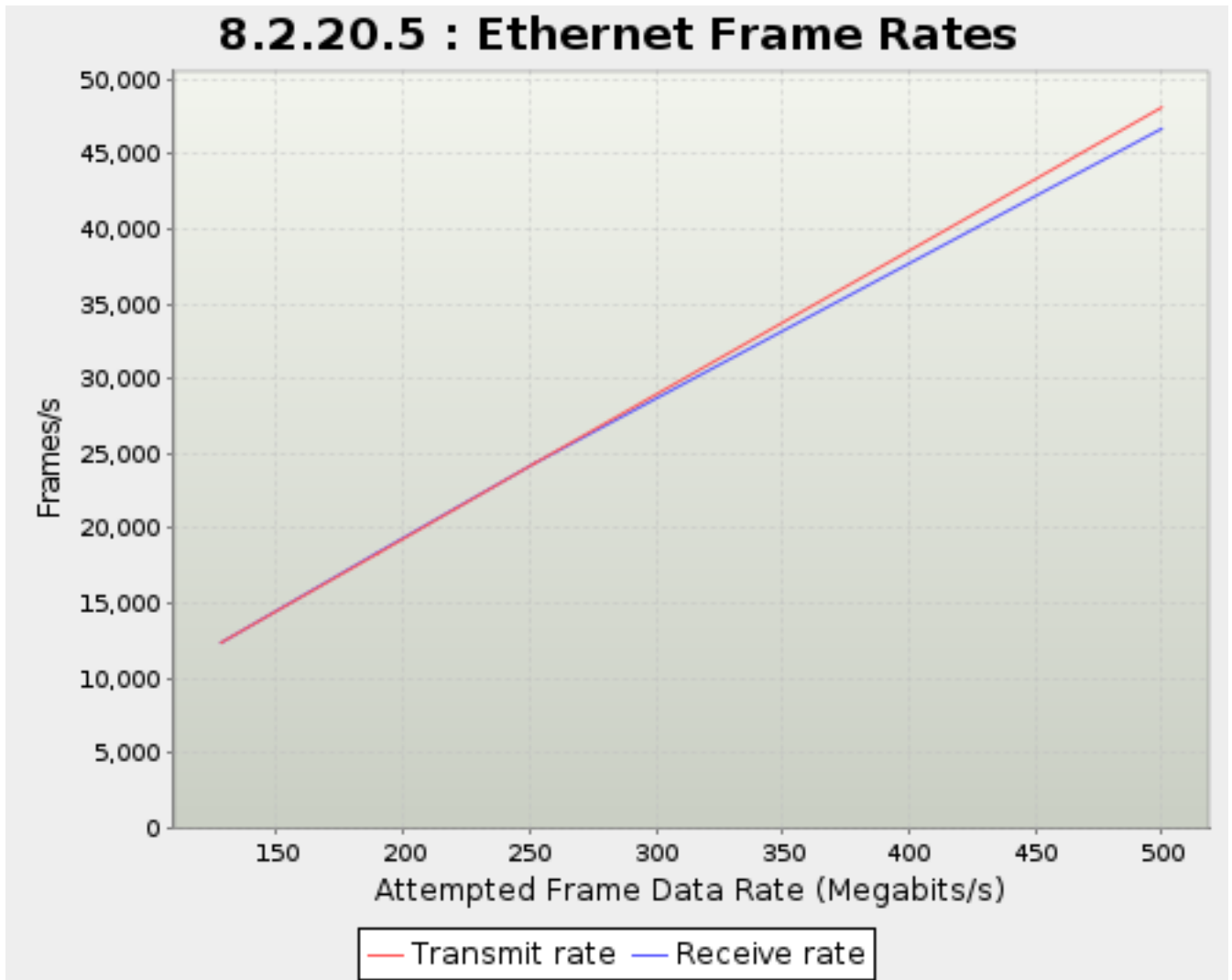
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.612	739,226	830 0.112%
190	63.706	1,097,008	853 0.078%
221	64.209	1,276,027	1,069 0.084%
252	63.706	1,454,559	780 0.054%
500	63.625	2,885,222	615 0.021%

8.2.20.4.2. Ethernet Frames: 2



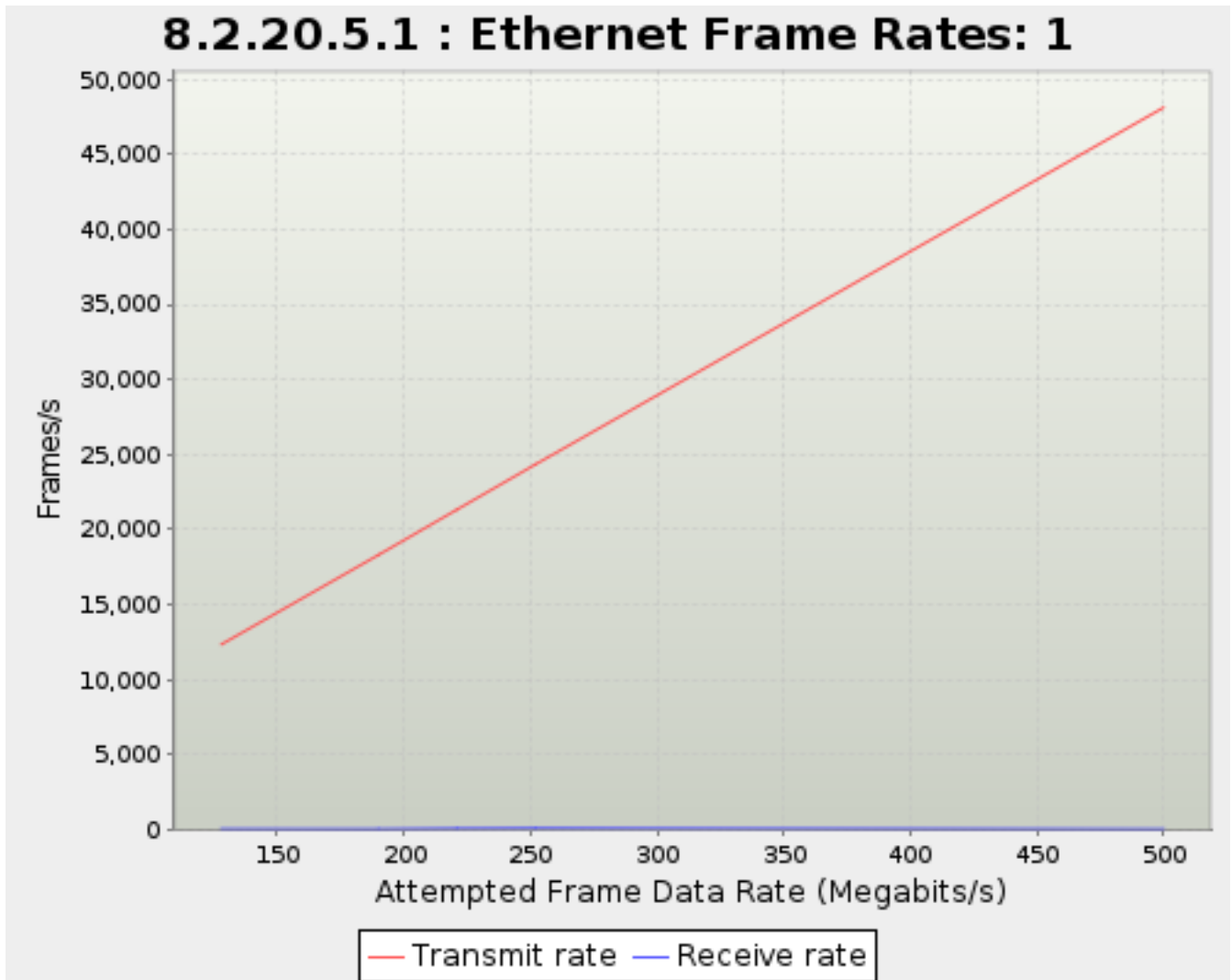
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.612	65	738,617 1136333.846%
190	63.706	65	1,096,337 1686672.308%
221	64.209	127	1,275,103 1004018.110%
252	63.706	127	1,453,773 1144703.150%
500	63.625	65	2,725,239 4192675.385%

8.2.20.5. Ethernet Frame Rates



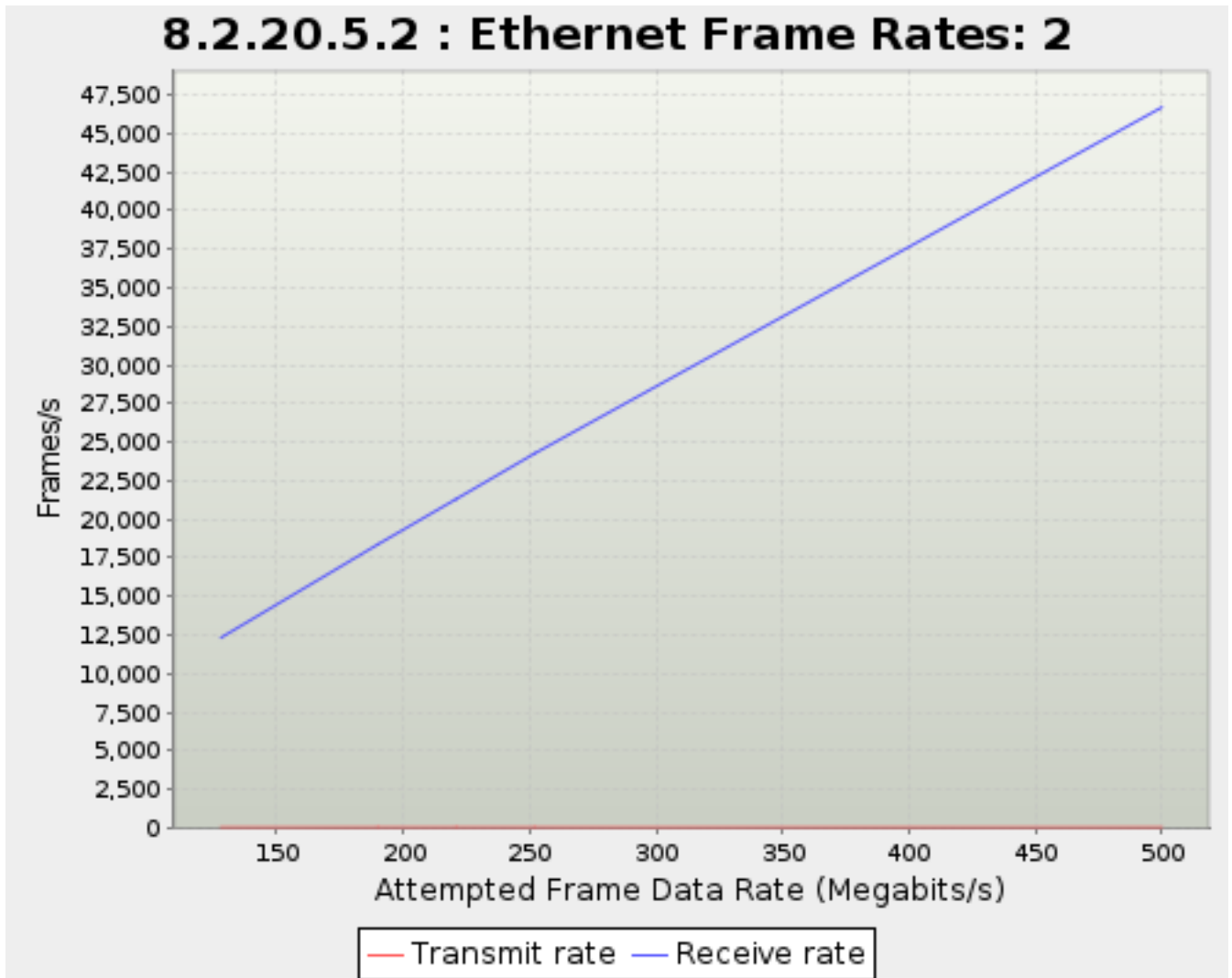
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
128	64.612	~12390	~12390
190	63.706	~18350	~18420
221	64.209	~21360	~21400
252	63.706	~24370	~24370
500	63.625	~48140	~46720

8.2.20.5.1. Ethernet Frame Rates: 1



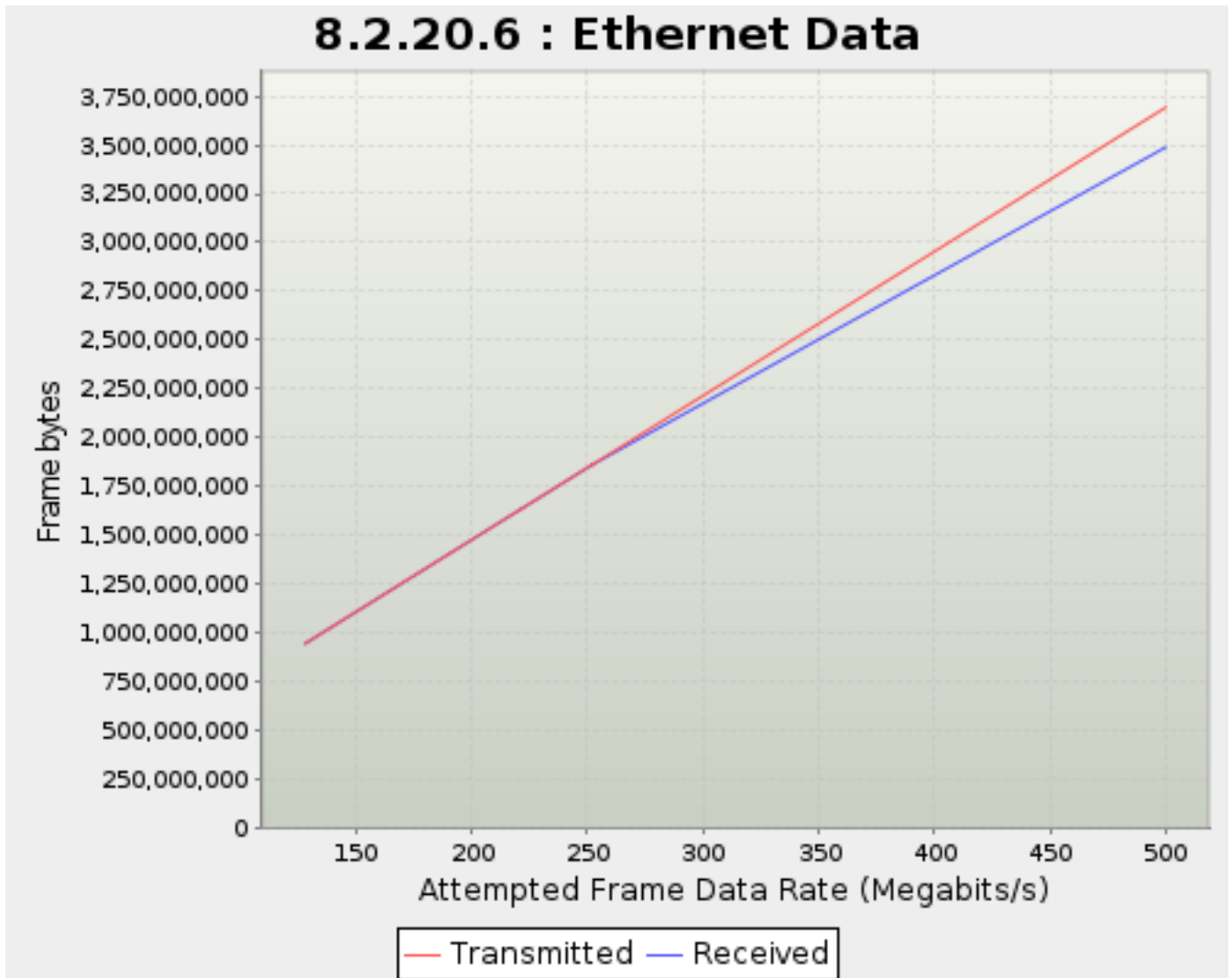
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	64.612	~12350	46.64
190	63.706	~18310	42.10
221	64.209	~21330	82.37
252	63.706	~24340	101.9
500	63.625	~48110	37.09

8.2.20.5.2. Ethernet Frame Rates: 2



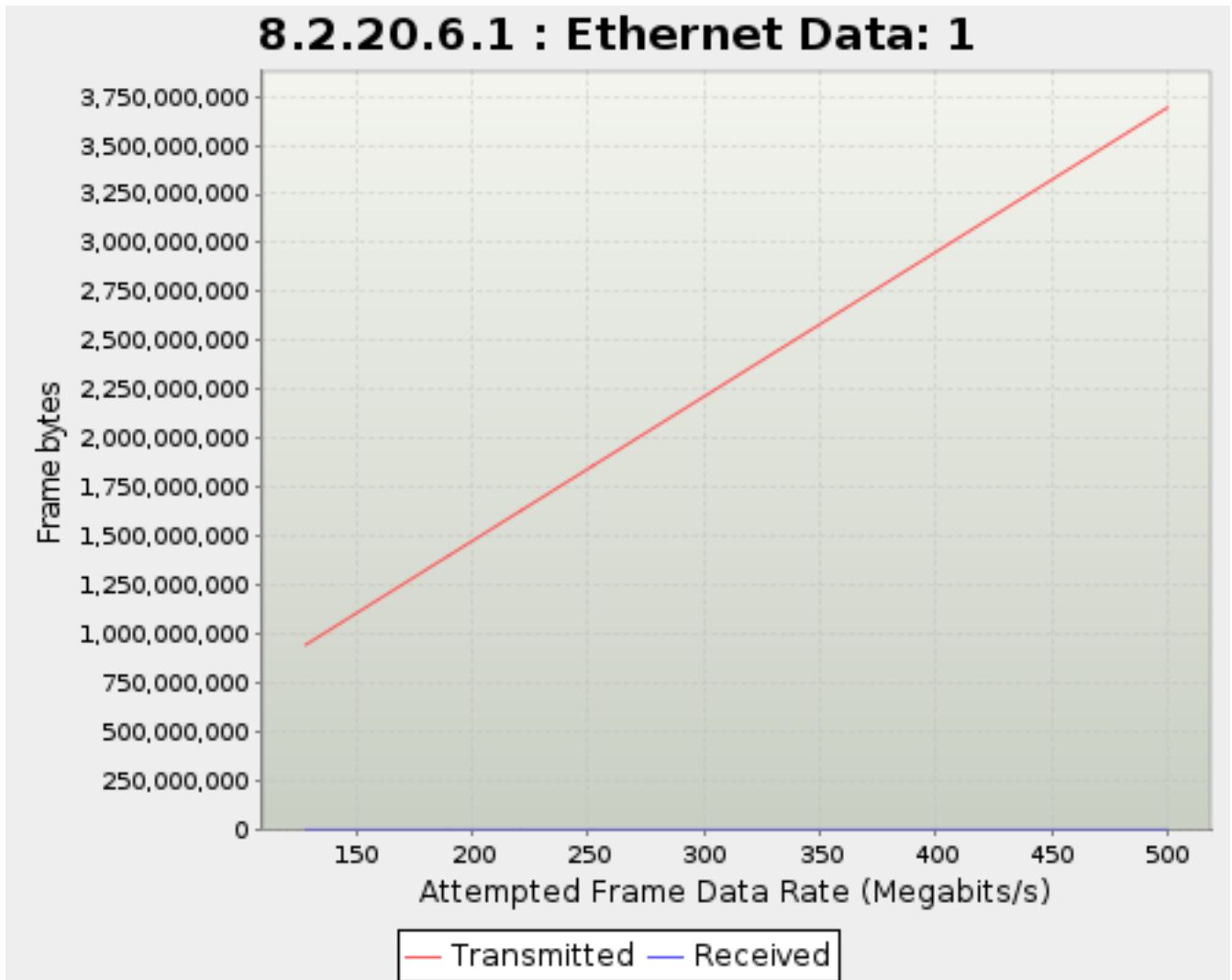
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
128	64.612	30.76	~12340
190	63.706	31.07	~18380
221	64.209	31.07	~21320
252	63.706	32.08	~24270
500	63.625	30.38	~46690

8.2.20.6. Ethernet Data



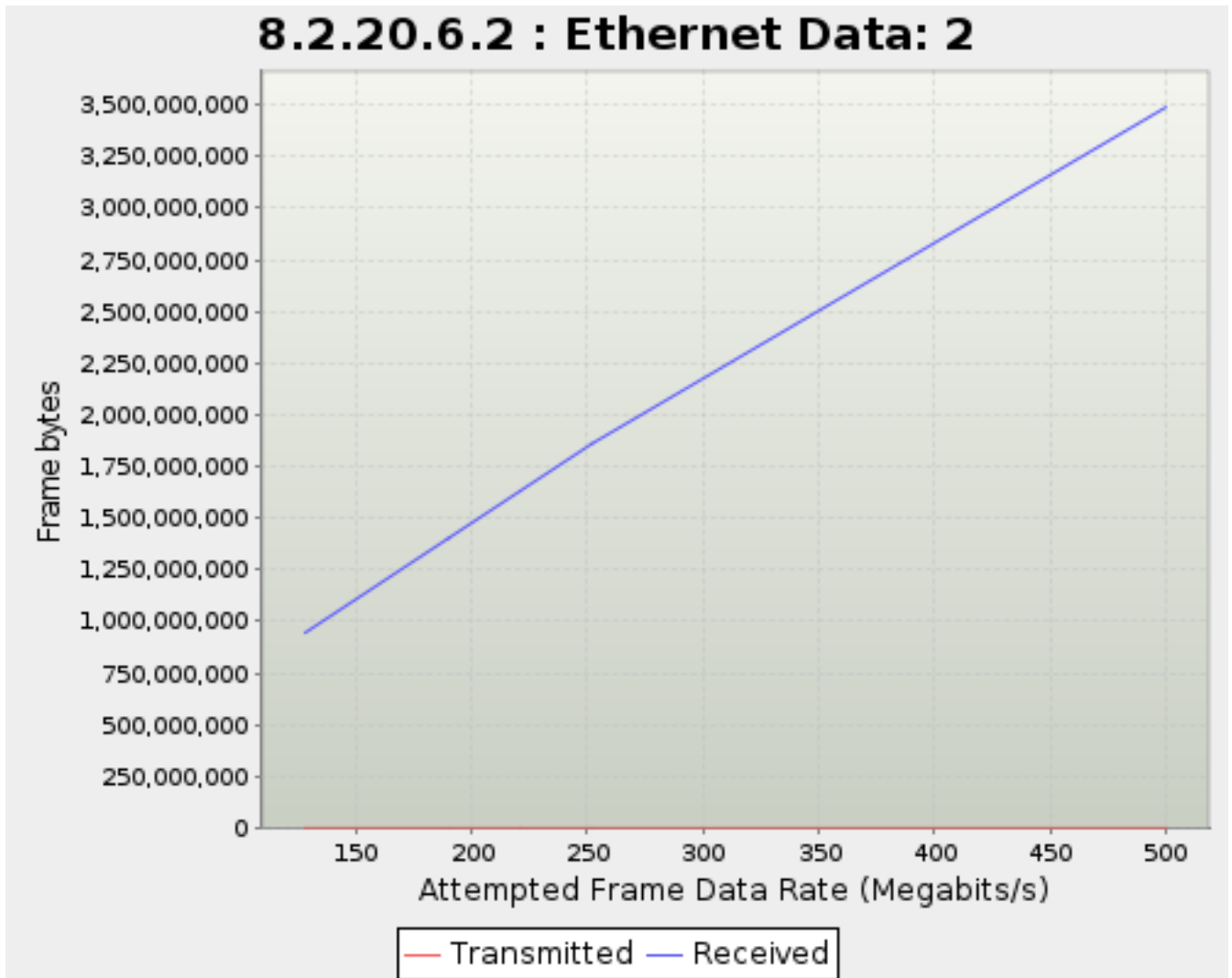
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.612	945,311,168	945,321,550 100.001%
190	63.706	1,403,196,736	1,403,204,649 100.001%
221	64.209	1,632,151,680	1,631,962,409 99.988%
252	63.706	1,860,998,528	1,860,640,246 99.981%
500	63.625	3,692,361,152	3,488,183,956 94.470%

8.2.20.6.1. Ethernet Data: 1



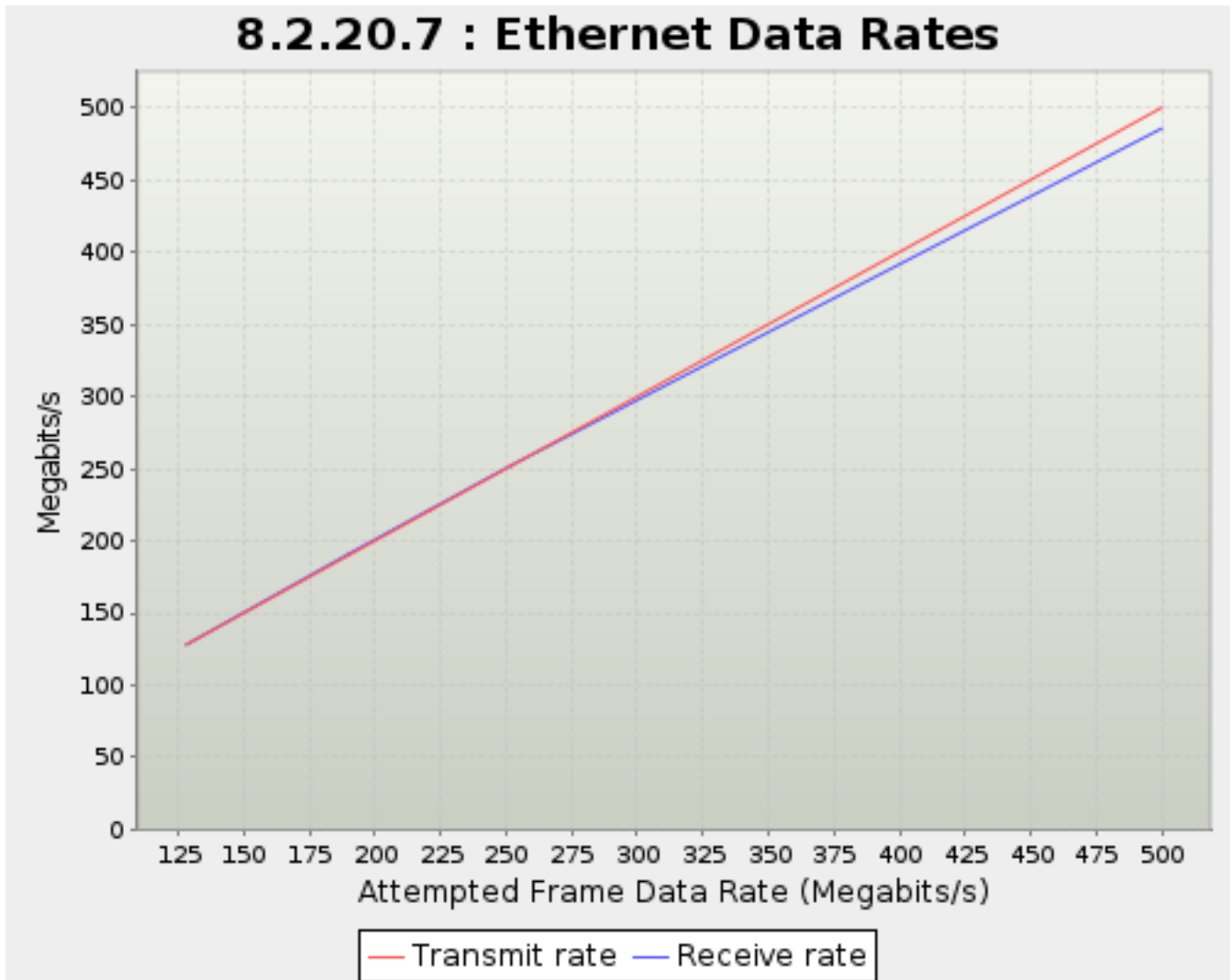
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.612	945,307,008	53,120 0.006%
190	63.706	1,403,192,576	54,592 0.004%
221	64.209	1,632,143,552	68,416 0.004%
252	63.706	1,860,990,400	49,920 0.003%
500	63.625	3,692,356,992	39,360 0.001%

8.2.20.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.612	4,160	945,268,430 22722798.798%
190	63.706	4,160	1,403,150,057 33729568.678%
221	64.209	8,128	1,631,893,993 20077435.938%
252	63.706	8,128	1,860,590,326 22891121.137%
500	63.625	4,160	3,488,144,596 83849629.712%

8.2.20.7. Ethernet Data Rates



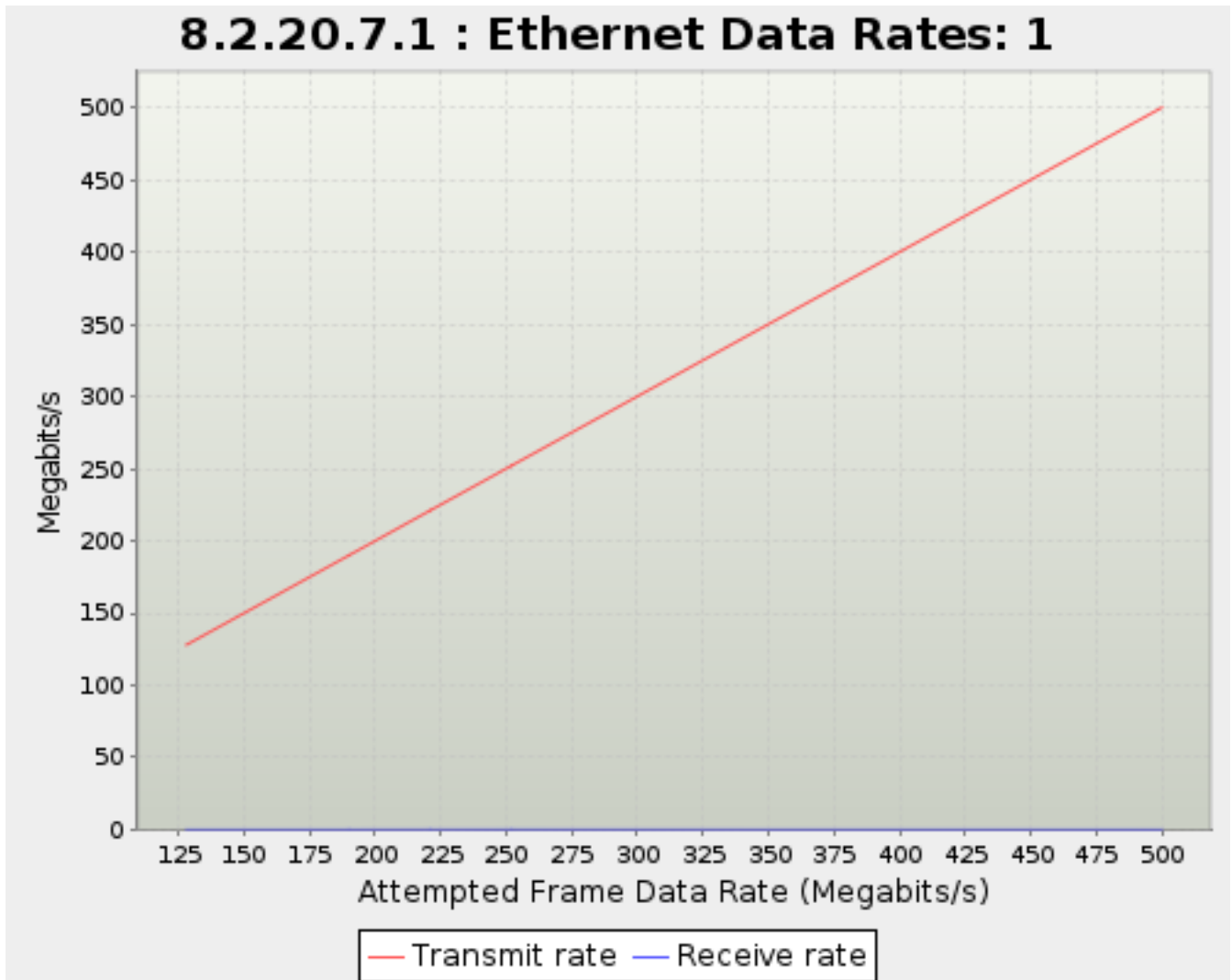
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	64.612	128.1	128.2
190	63.706	190.1	191.1
221	64.209	221.1	221.8
252	63.706	252.1	252.4
500	63.625	~500	485.6

8.2.20.7.1. Ethernet Data Rates: 1



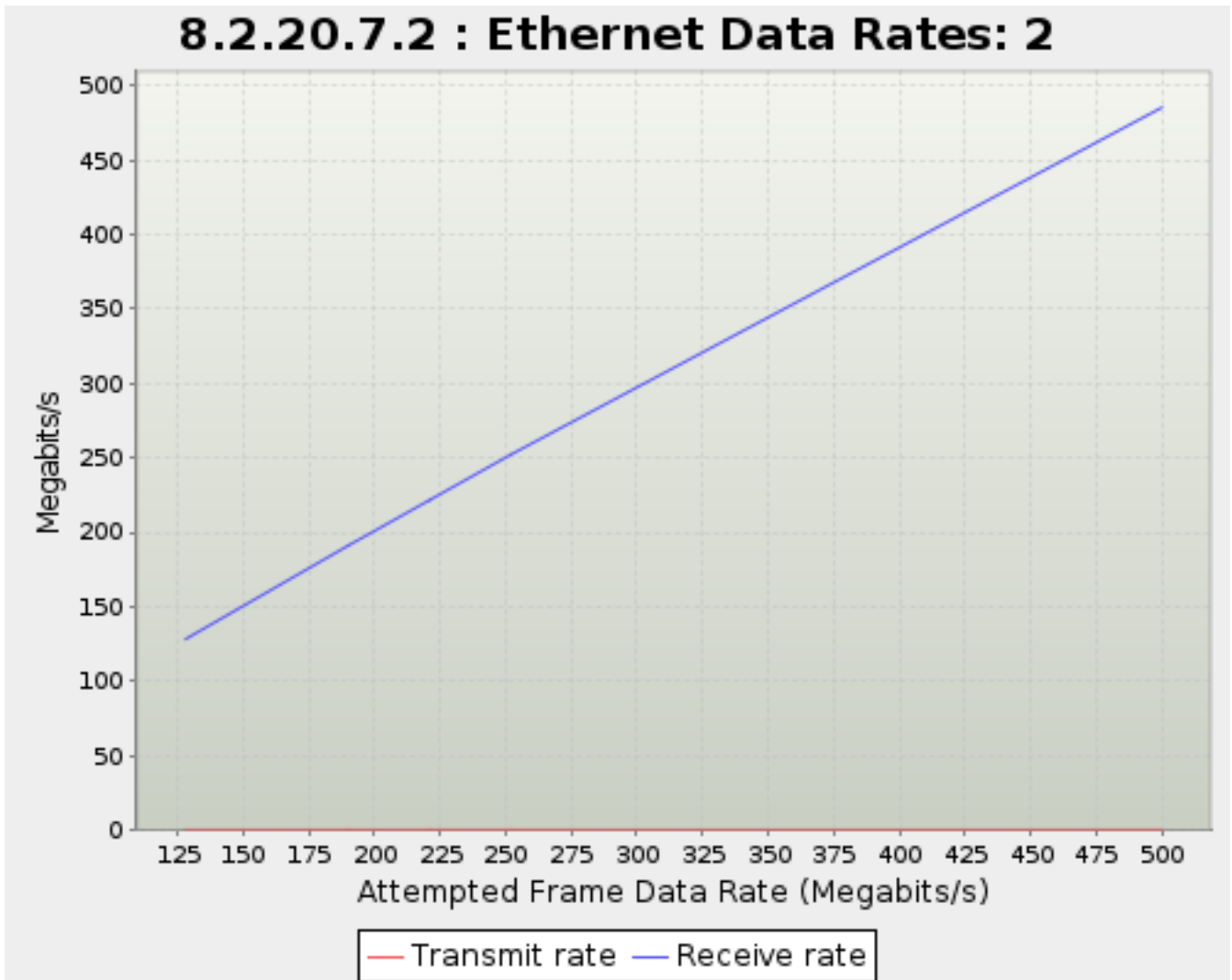
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	64.612	~128	0.03134
190	63.706	~190	0.02829
221	64.209	221.1	0.05535
252	63.706	252.1	0.06849
500	63.625	~500	0.02492

8.2.20.7.2. Ethernet Data Rates: 2



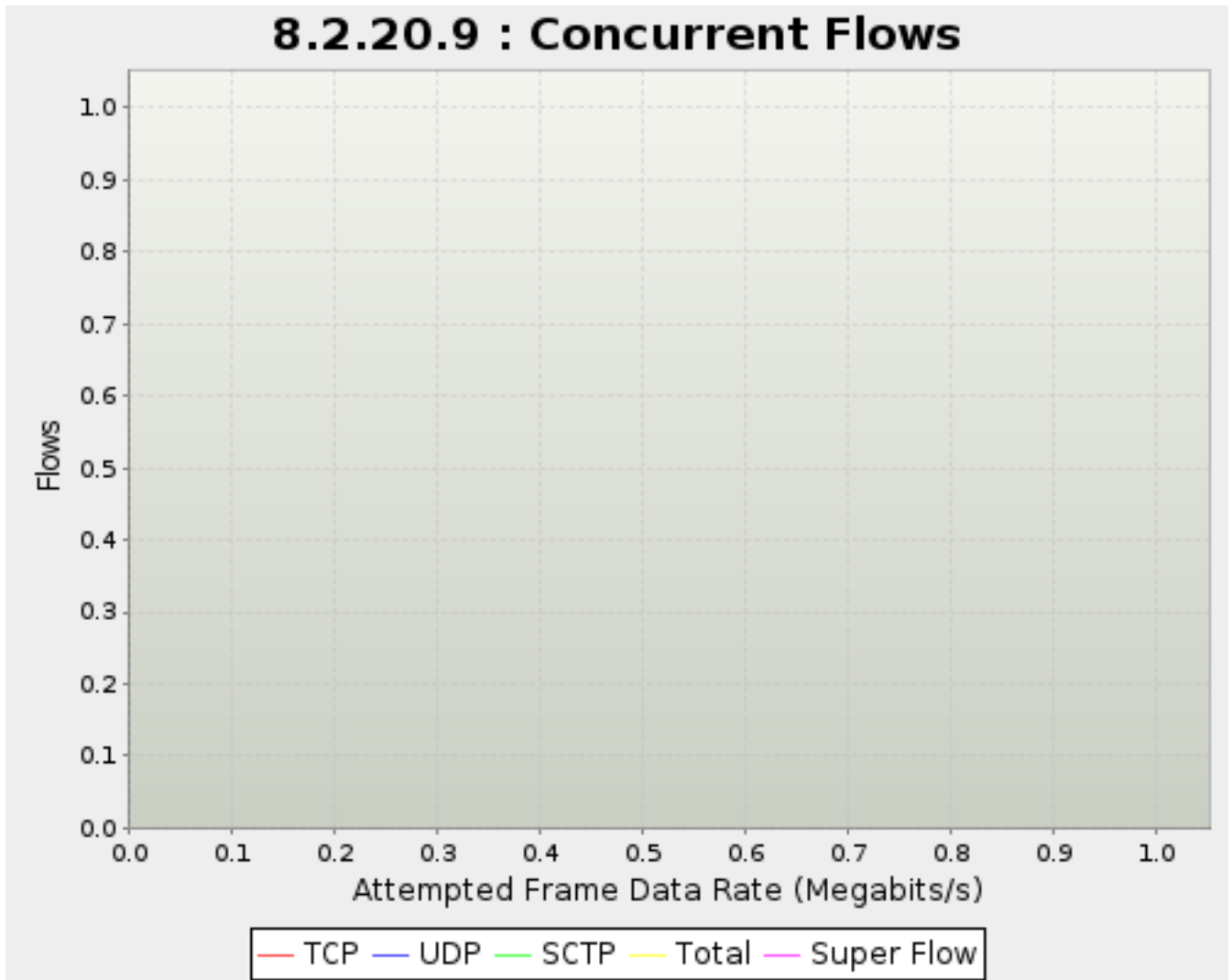
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

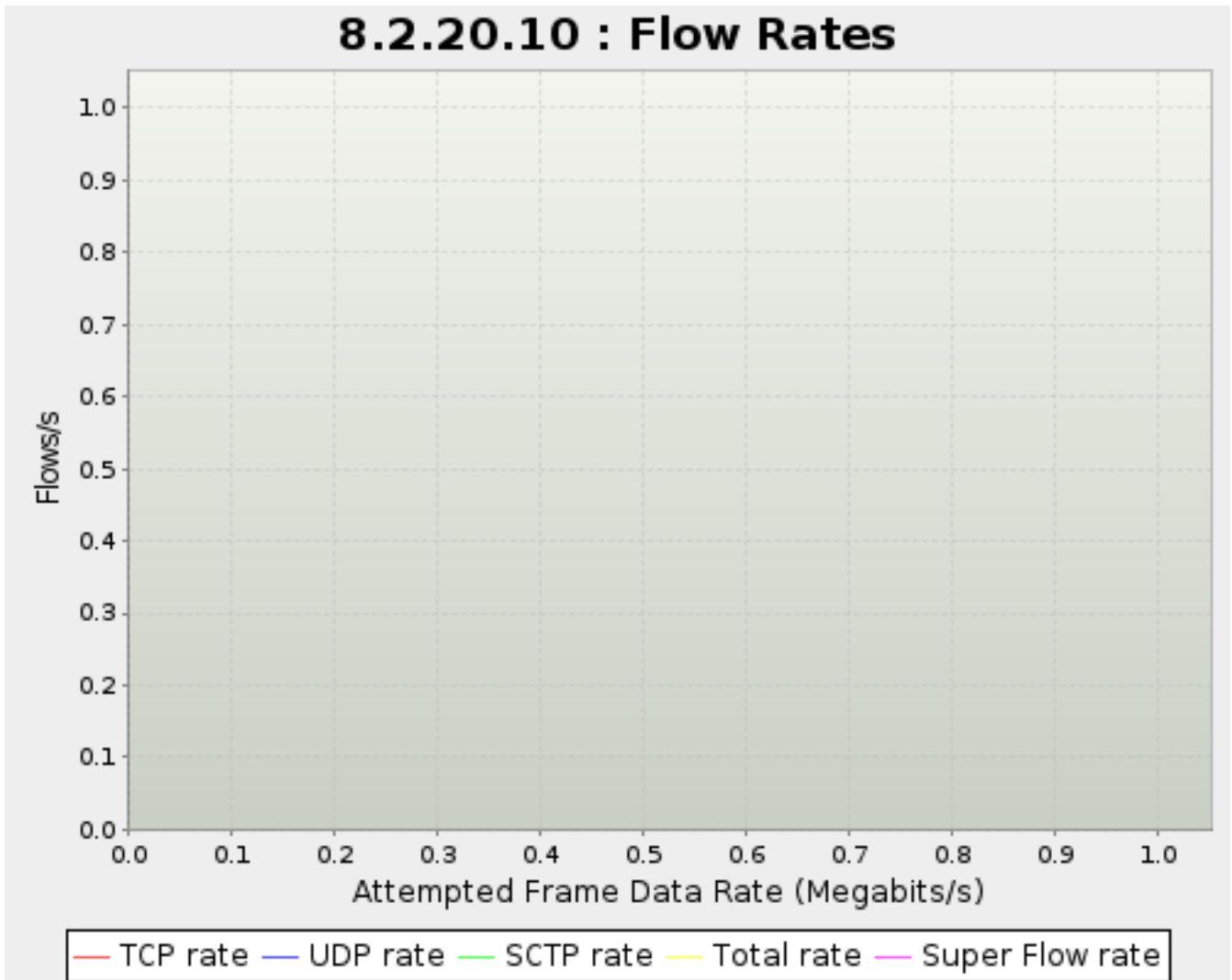
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	64.612	0.02067	128.2
190	63.706	0.02088	191.1
221	64.209	0.02088	221.7
252	63.706	0.02156	252.3
500	63.625	0.02041	485.6

8.2.20.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
128	63.744	0	0	0	0	0
190	63.277	0	0	0	0	0
221	63.607	0	0	0	0	0
252	63.258	0	0	0	0	0
500	63.247	0	0	0	0	0

8.2.20.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	Sctp rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
128	63.744	0.00	0.00	0.00	0.00	0.00
190	63.277	0.00	0.00	0.00	0.00	0.00
221	63.607	0.00	0.00	0.00	0.00	0.00
252	63.258	0.00	0.00	0.00	0.00	0.00
500	63.247	0.00	0.00	0.00	0.00	0.00

8.2.20.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		192.168.0.0/16	192.168.0.1	up
128	0		10.201.0.0/16	10.201.0.254	up
190	0		192.168.0.0/16	192.168.0.1	up
190	0		10.201.0.0/16	10.201.0.254	up
221	0		10.201.0.0/16	10.201.0.254	up
221	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	up
500	0		10.201.0.0/16	10.201.0.254	up

8.2.20.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		192.168.0.0/16	192.168.0.1	up
190	0		192.168.0.0/16	192.168.0.1	up
221	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	0		192.168.0.0/16	192.168.0.1	up

8.2.20.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		10.201.0.0/16	10.201.0.254	up
190	0		10.201.0.0/16	10.201.0.254	up
221	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		10.201.0.0/16	10.201.0.254	up

8.2.20.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	64.610	6	6	840	801	0	39	0	0
190	63.706	6	6	890	863	0	27	0	0
221	64.212	6	6	1,206	1,084	0	122	0	0
252	63.698	6	6	853	816	0	37	0	0
500	63.618	6	6	690	657	0	33	0	0

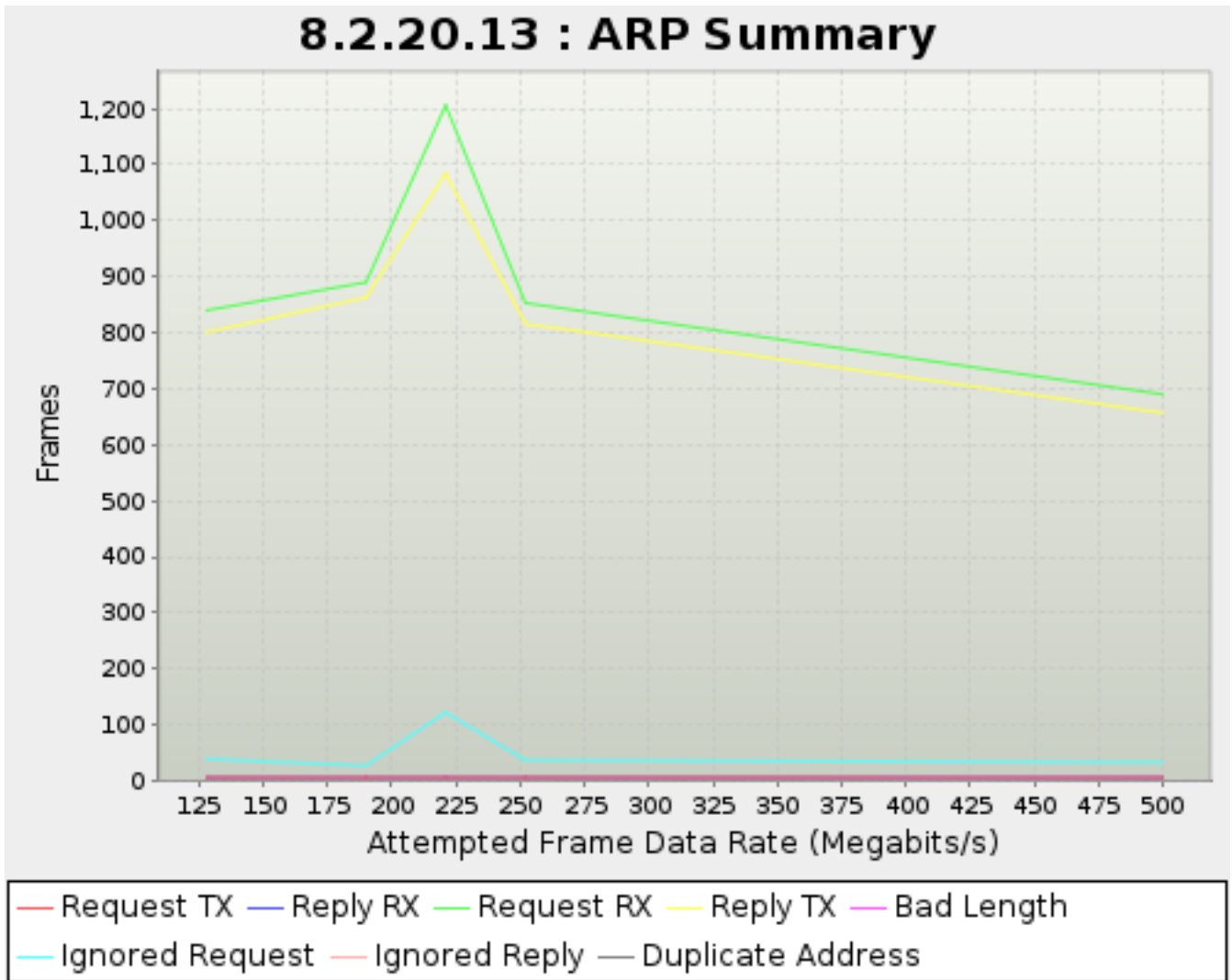
8.2.20.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	64.610	3	3	762	739	0	23	0	0
190	63.706	3	3	812	801	0	11	0	0
221	64.212	3	3	1,066	960	0	106	0	0
252	63.698	3	3	712	692	0	20	0	0
500	63.618	3	3	612	595	0	17	0	0

8.2.20.12.2. ARP: 2

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	64.610	3	3	78	62	0	16	0	0
190	63.706	3	3	78	62	0	16	0	0
221	64.212	3	3	140	124	0	16	0	0
252	63.698	3	3	141	124	0	17	0	0
500	63.618	3	3	78	62	0	16	0	0

8.2.20.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
<i>Frames</i>								
128	6	6	840	801	0	39	0	0
190	6	6	890	863	0	27	0	0
221	6	6	1,206	1,084	0	122	0	0
252	6	6	853	816	0	37	0	0
500	6	6	690	657	0	33	0	0

8.2.20.16. Multicast Packets Discarded

Attempted Frame Data Rate	Timestamp	IP: Unsupported Protocol	IGMP: Invalid Query	IGMP: Invalid Length	IGMP: Invalid Checksum
	<i>Seconds</i>	<i>Frames</i>			
500	63.618	0	0	0	0

8.2.20.17.1. Multicast Packets Received: 2

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Query	IGMP v2 Query	IGMP v3 Query	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Unknown
	<i>Seconds</i>	<i>Frames</i>								
500	63.618	1	0	0	0	0	0	0	0	0

8.2.20.18. Multicast Packets Transmitted

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Other	IP Proto Other
	<i>Seconds</i>	<i>Frames</i>						
500	63.618	0	0	0	0	0	0	0

8.2.20.18.1. Multicast Packets Transmitted: 2

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Other	IP Proto Other	
		<i>Seconds</i>		<i>Frames</i>					
500	63.618	0	0	0	0	0	0	0	

8.2.20.19. Multicast Packet Summary

Attempted Frame Data Rate	Discard IP: Unsupported Protocol	Discard IGMP: Invalid Query	Discard IGMP: Invalid Length	Discard IGMP: Invalid Checksum	Received: UDP	Received: IGMP v1	Received: IGMP v2	Received: IGMP v3	Received: IGMP v1	Received: IGMP v2	Received: IGMP v3	Received: IGMP v2 Leave Group	Received: IGMP Unknown Type	Transmitted: IGMP v1	Transmitted: IGMP v2	Transmitted: IGMP v3	Transmitted: IGMP v2 Leave Group	Transmitted: IGMP Other	Transmitted: IP Other	
						Members Query	Members Query	Members Query	Members Report	Members Report	Members Report									
<i>Frames</i>																				
500	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

8.2.21. System Controller 0 statistics

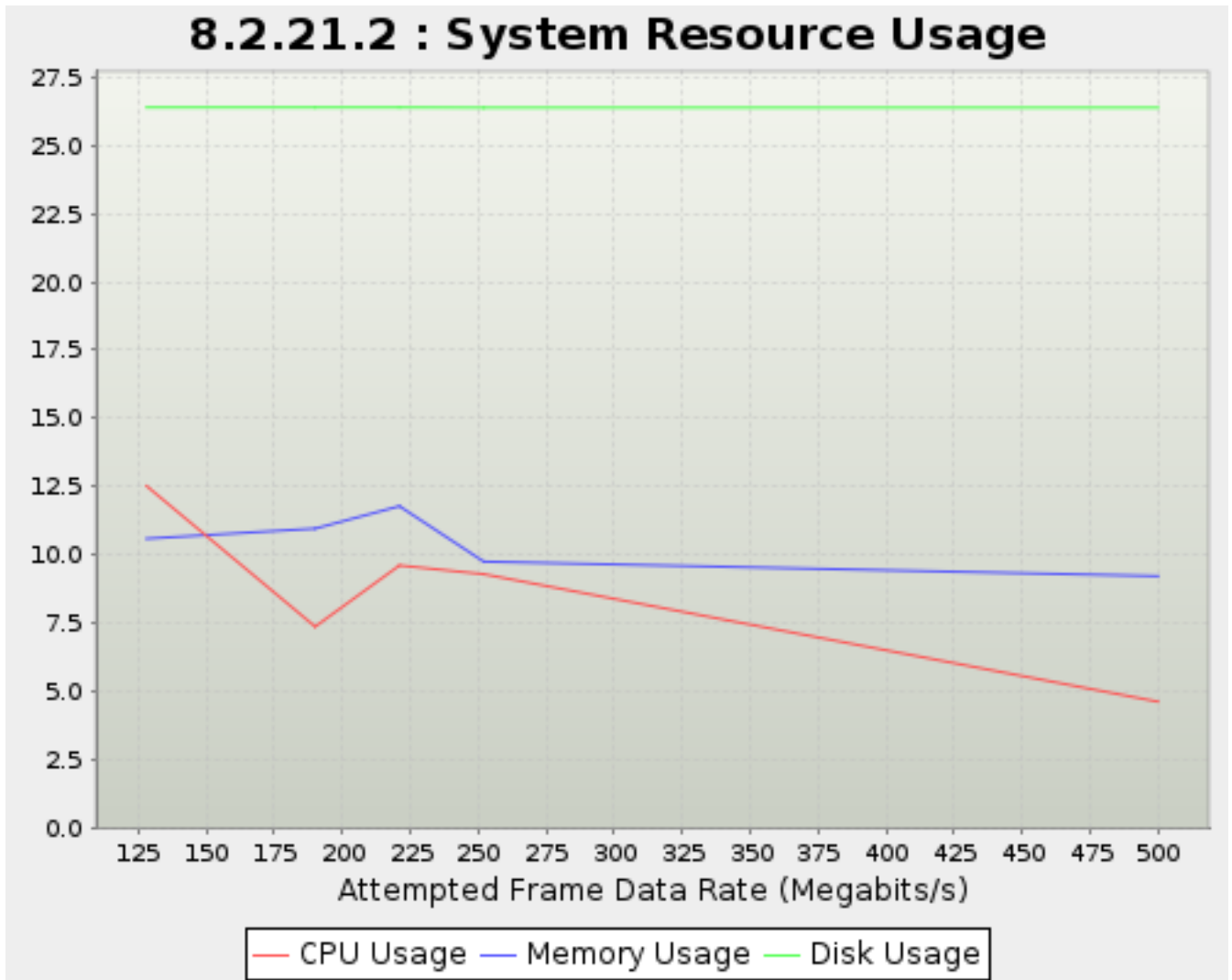
8.2.21.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

Component	Resource Used
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

8.2.21.2. System Resource Usage



Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	64.617	12.53	10.60	26.39
190	63.716	7.38	10.97	26.39
221	64.216	9.62	11.79	26.39
252	63.710	9.30	9.76	26.38
500	63.627	4.63	9.23	26.38

9. Frame Rate: 1024

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	376 Mbps	failed
252 Mbps	254 Mbps	failed
128 Mbps	128 Mbps	Achieved
190 Mbps	191 Mbps	failed
159 Mbps	160 Mbps	failed

Result
The device failed at a frame data rate of 500 Megabits/s

Failed Criteria

9.1. Test Results for Bit Blaster

9.1.1. Component Description

Component: Bit Blaster

This component sends valid layer 2 ethernet frames with contrived content.

Component	Resource Used
Bit Blaster	np1-0, np1-0, np1-0, np1-0, np1-0

9.1.2. Test Component Criteria

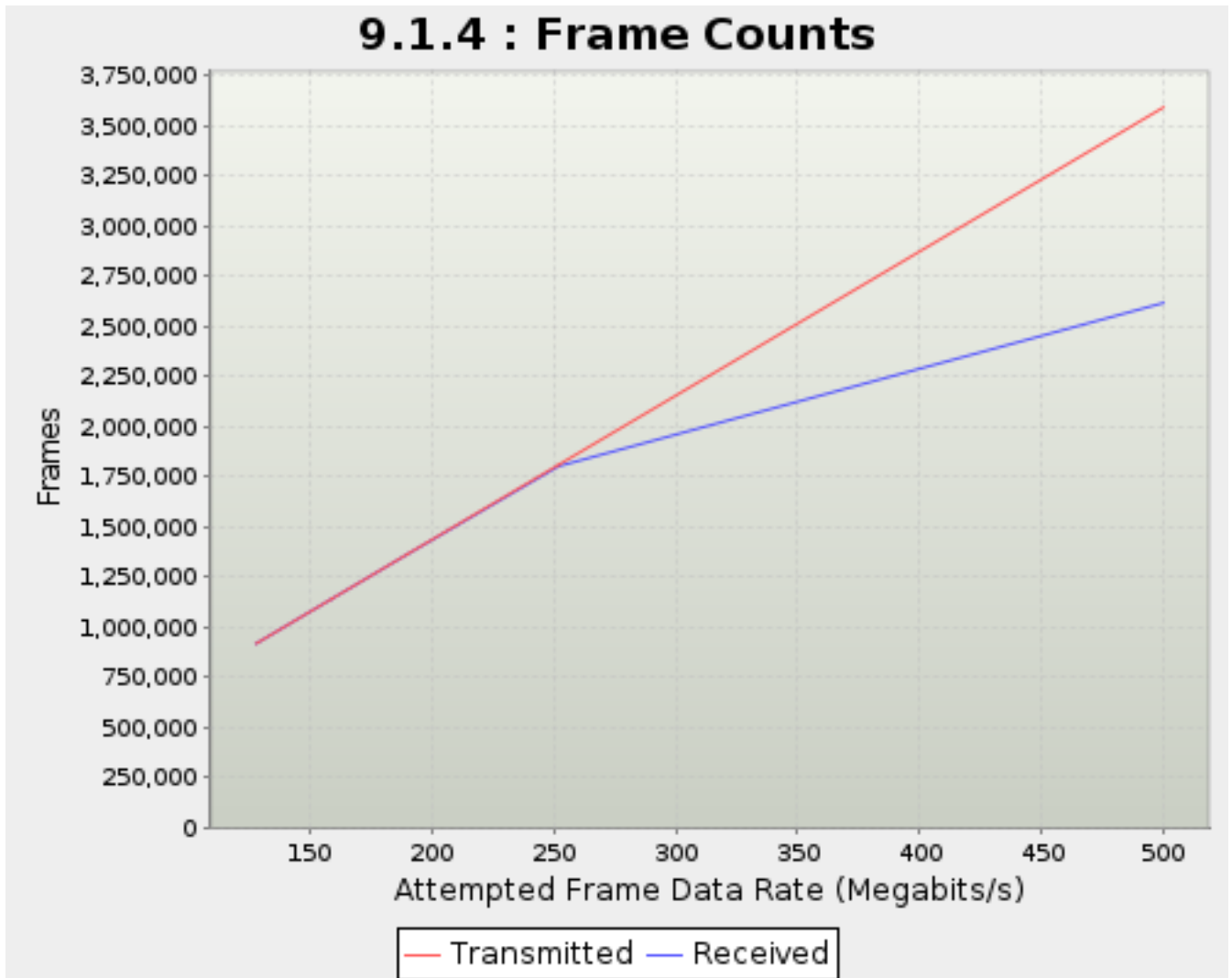
Number	Description
1	No predefined test criteria.

9.1.3. Traffic Appearance

Traffic was addressed as defined in the "vMX - Dual Core Performance Testing" network neighborhood.

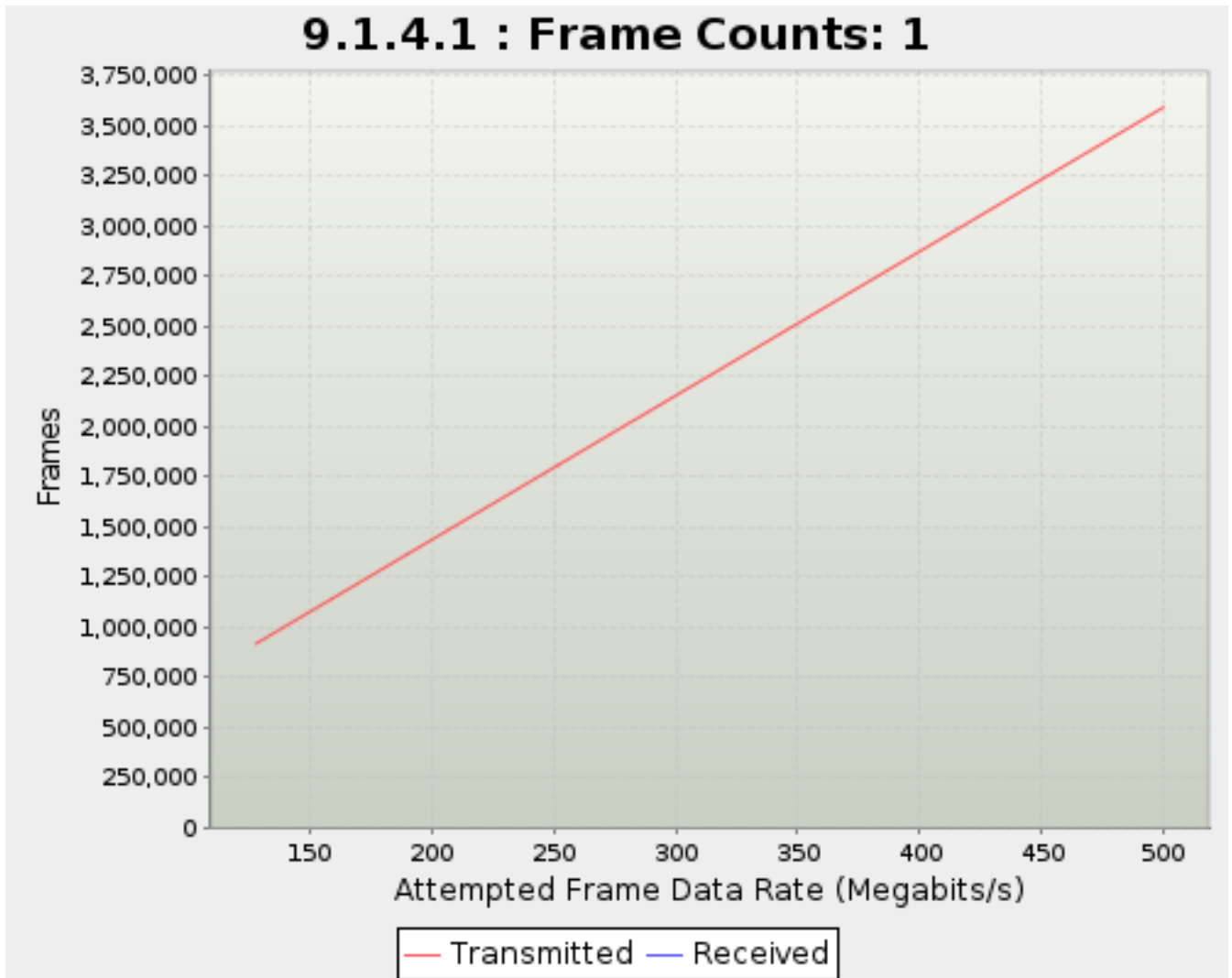
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

9.1.4. Frame Counts



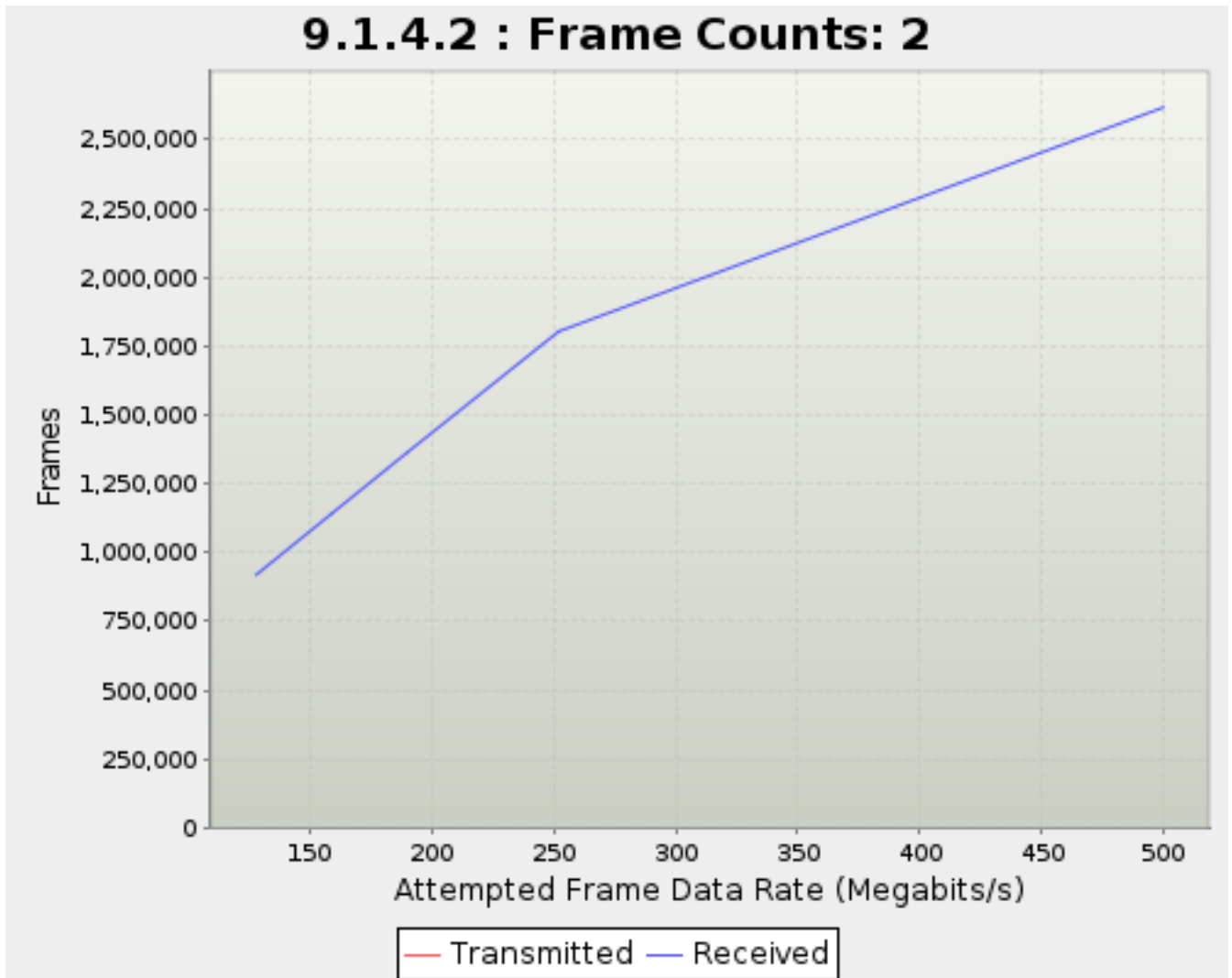
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	62.436	919,500	919,500
159	62.647	1,142,220	1,142,194
190	62.436	1,364,940	1,364,408
252	62.597	1,810,320	1,803,404
500	62.275	3,591,900	2,617,257

9.1.4.1. Frame Counts: 1



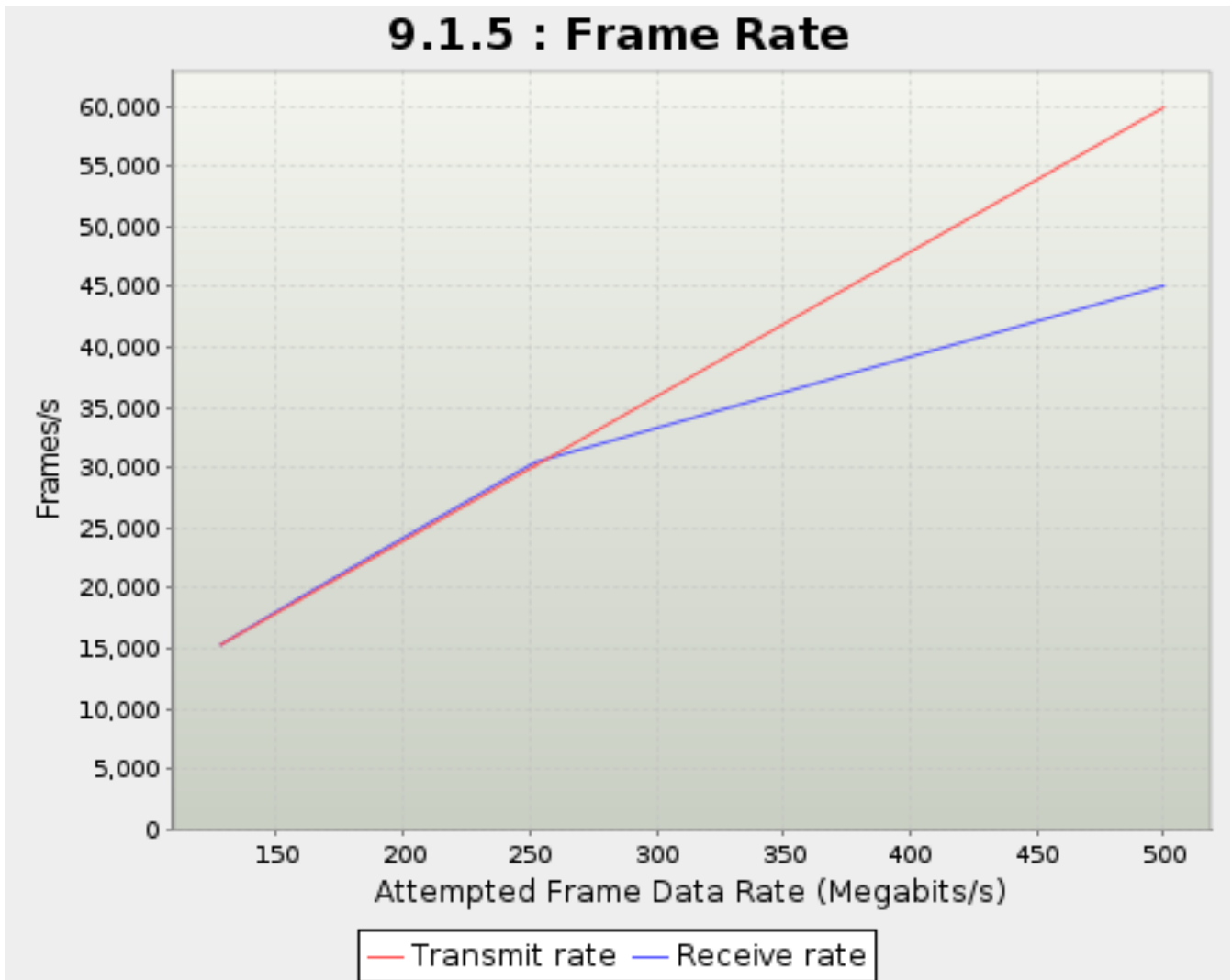
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	62.436	919,500	0
159	62.647	1,142,220	0
190	62.436	1,364,940	0
252	62.597	1,810,320	0
500	62.275	3,591,900	0

9.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frames</i>
128	62.436	0	919,500
159	62.647	0	1,142,194
190	62.436	0	1,364,408
252	62.597	0	1,803,404
500	62.275	0	2,617,257

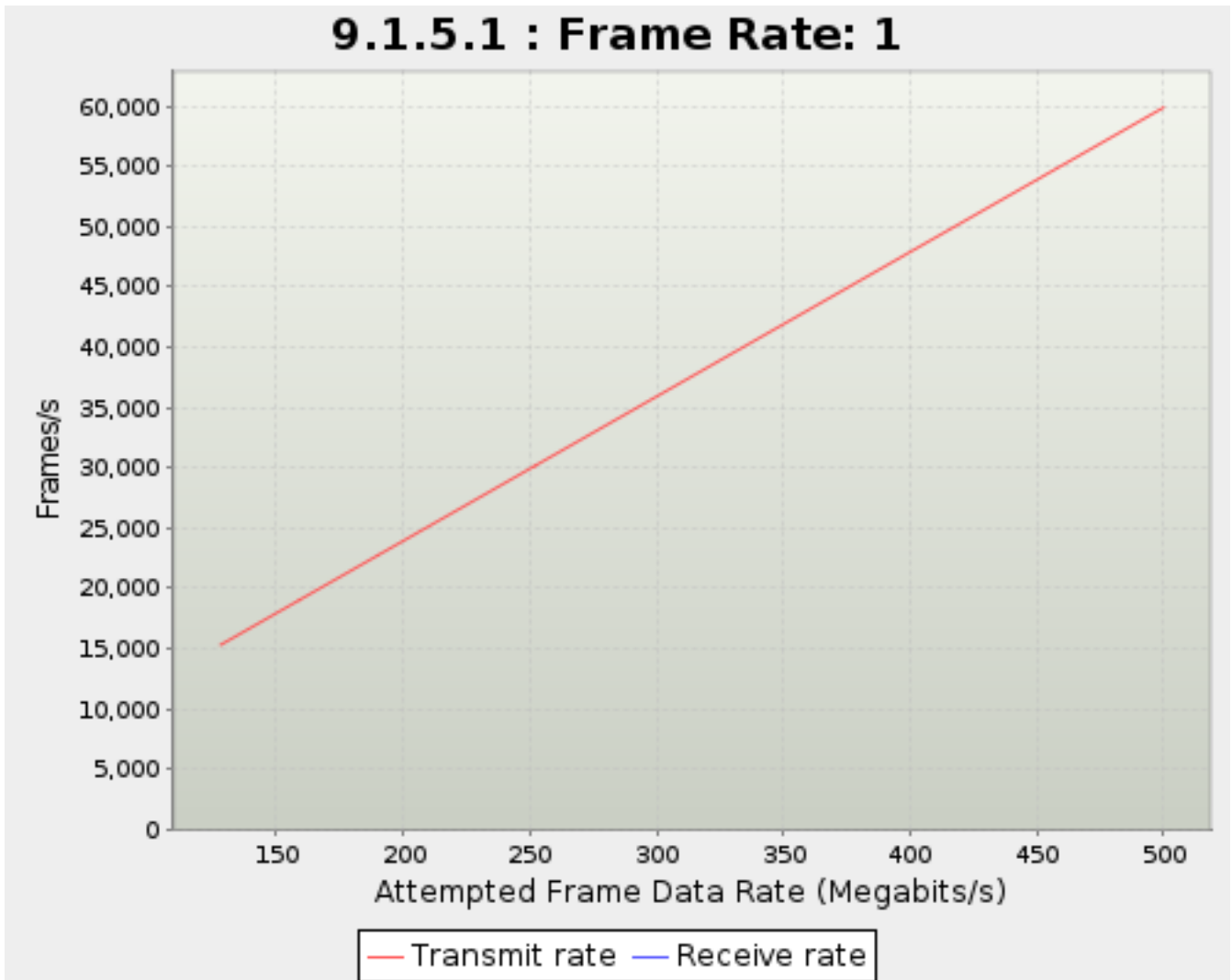
9.1.5. Frame Rate



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	62.436	~15330	~15340
159	62.647	~19040	~19200
190	62.436	~22750	~22980
252	62.597	~30170	~30470
500	62.275	~59870	~45100

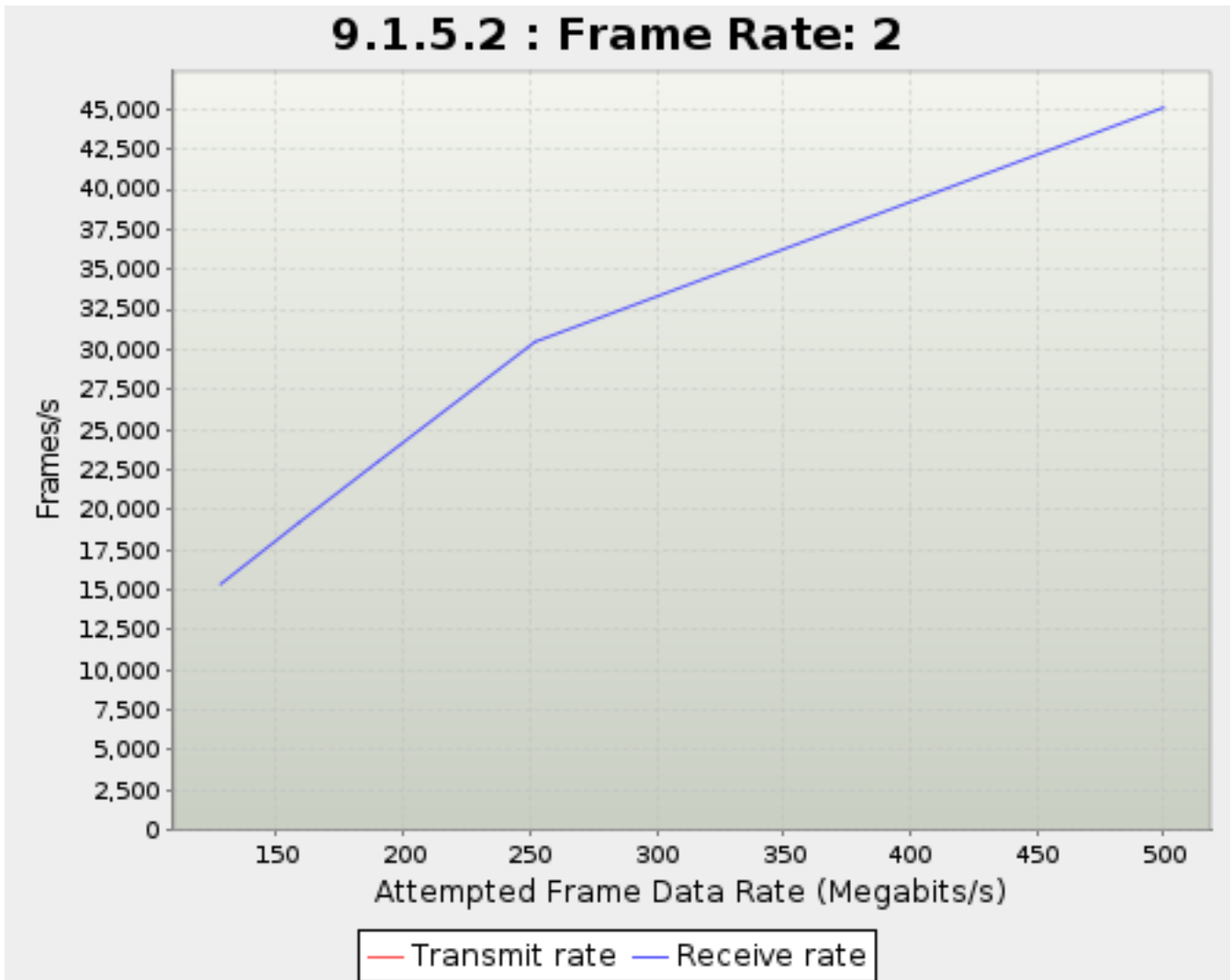
9.1.5.1. Frame Rate: 1



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	62.436	~15330	0.00
159	62.647	~19040	0.00
190	62.436	~22750	0.00
252	62.597	~30170	0.00
500	62.275	~59870	0.00

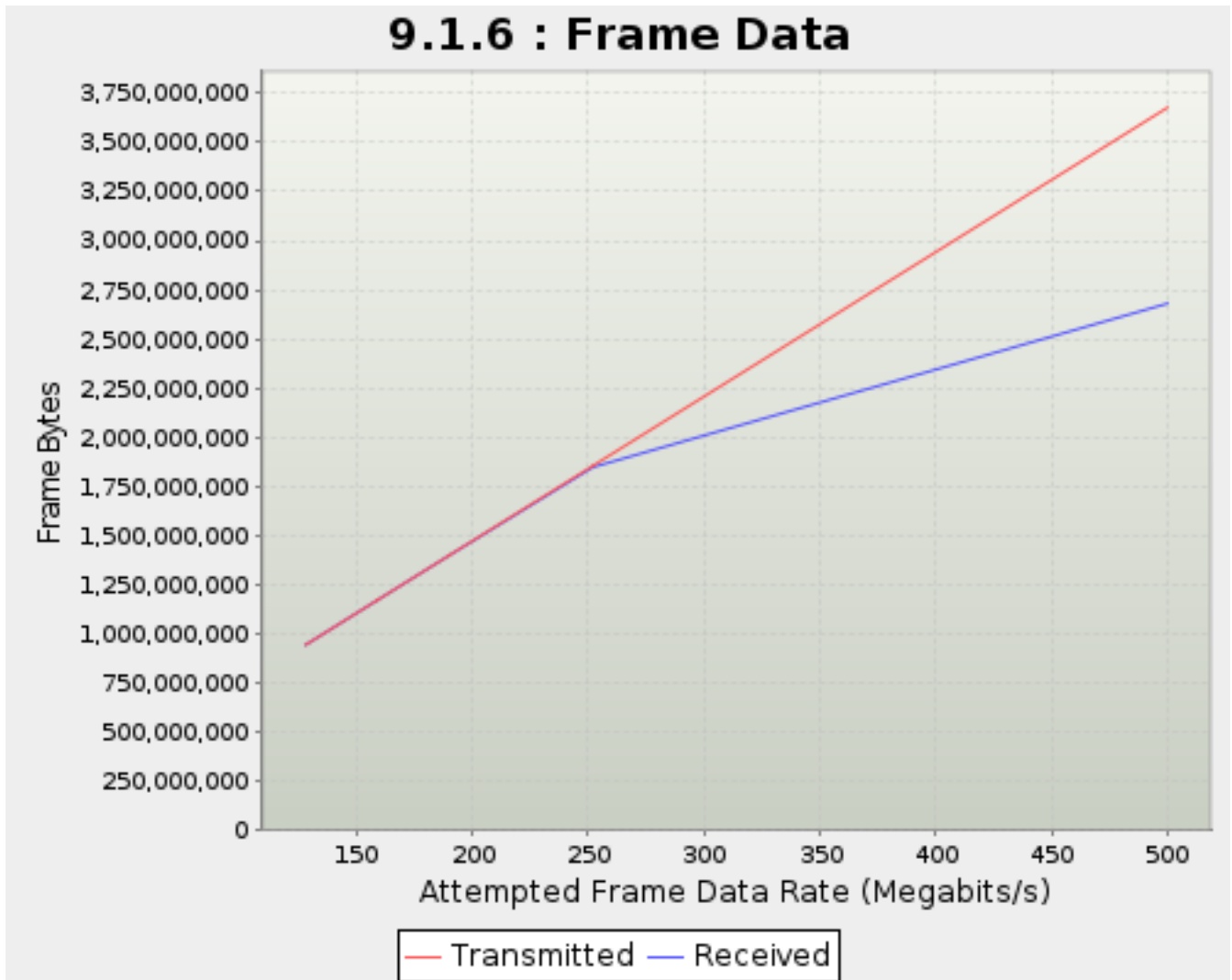
9.1.5.2. Frame Rate: 2



Rates can vary due to round-off errors in calculations.

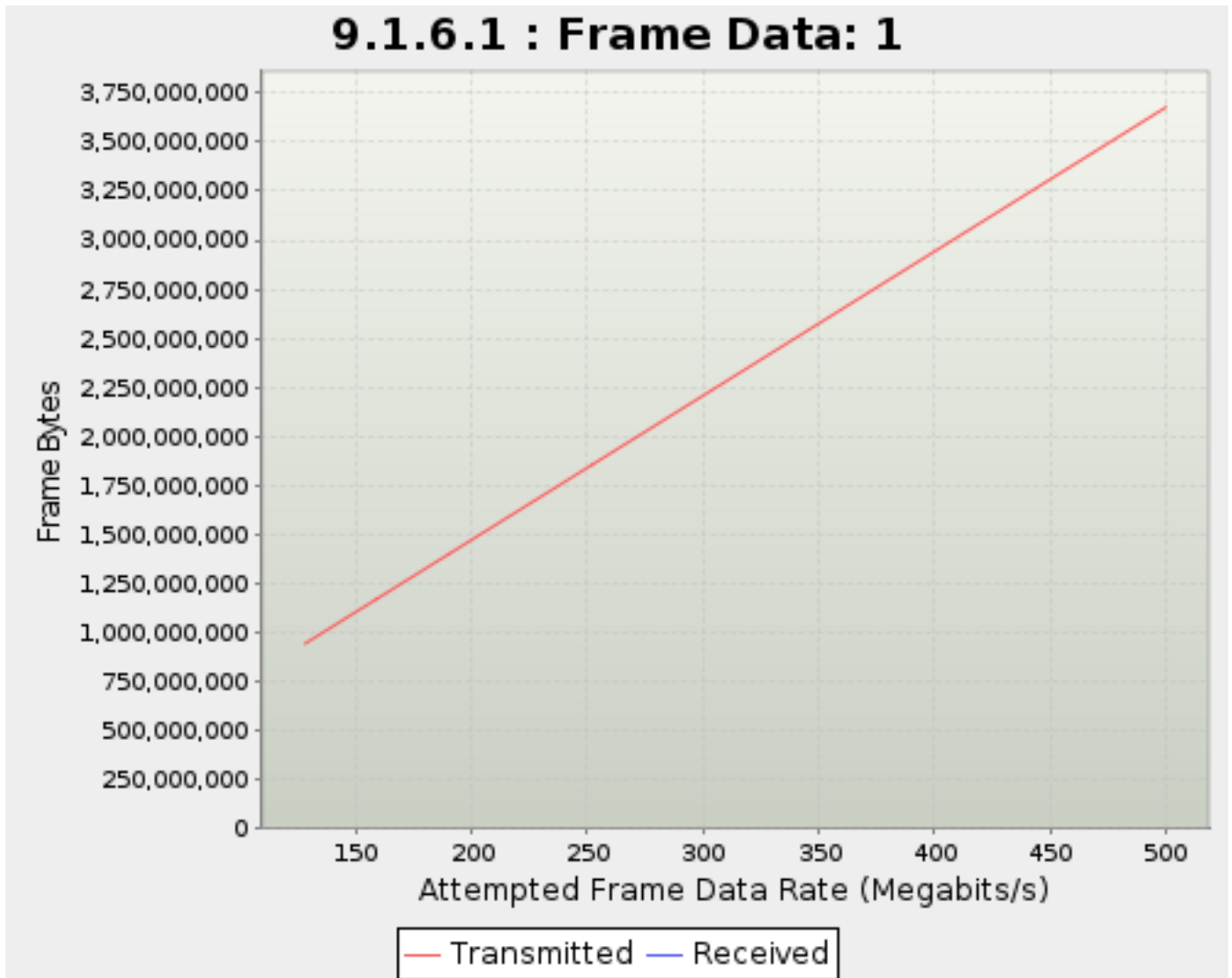
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	62.436	0.00	~15340
159	62.647	0.00	~19200
190	62.436	0.00	~22980
252	62.597	0.00	~30470
500	62.275	0.00	~45100

9.1.6. Frame Data



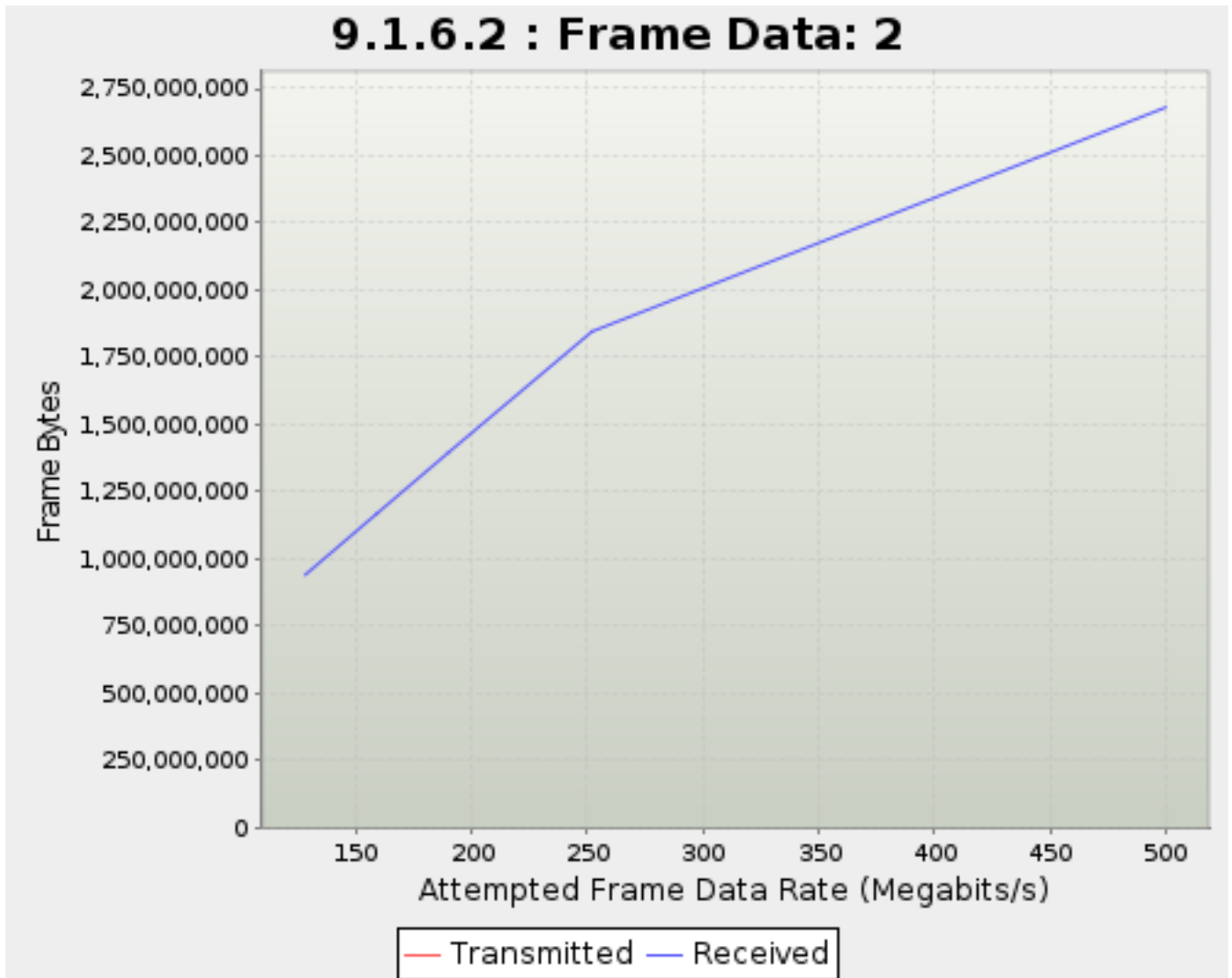
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	62.436	941,568,000	941,568,000
159	62.647	1,169,633,280	1,169,606,656
190	62.436	1,397,698,560	1,397,153,792
252	62.597	1,853,767,680	1,846,685,696
500	62.275	3,678,105,600	2,680,071,168

9.1.6.1. Frame Data: 1



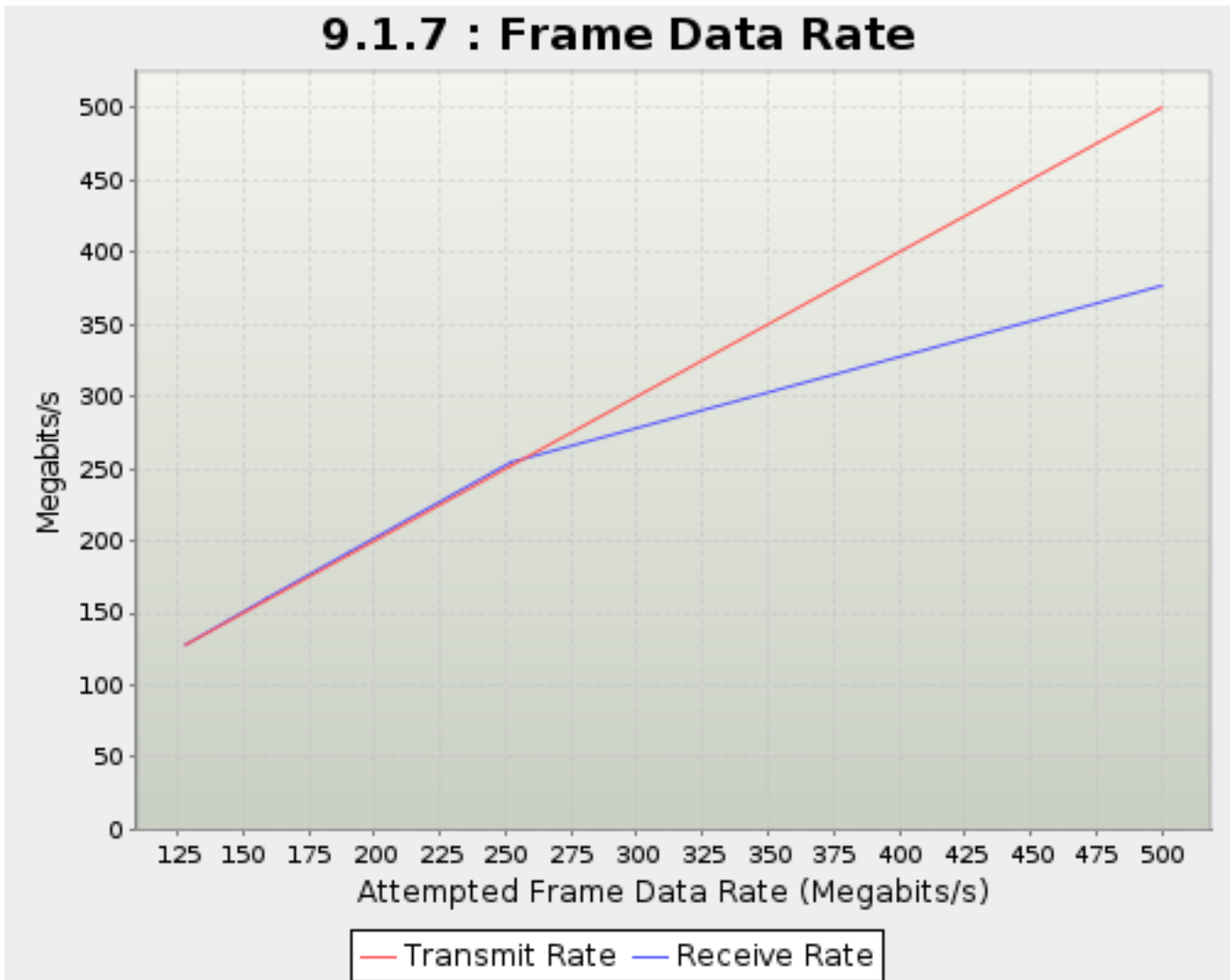
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	62.436	941,568,000	0
159	62.647	1,169,633,280	0
190	62.436	1,397,698,560	0
252	62.597	1,853,767,680	0
500	62.275	3,678,105,600	0

9.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frame bytes</i>
128	62.436	0	941,568,000
159	62.647	0	1,169,606,656
190	62.436	0	1,397,153,792
252	62.597	0	1,846,685,696
500	62.275	0	2,680,071,168

9.1.7. Frame Data Rate



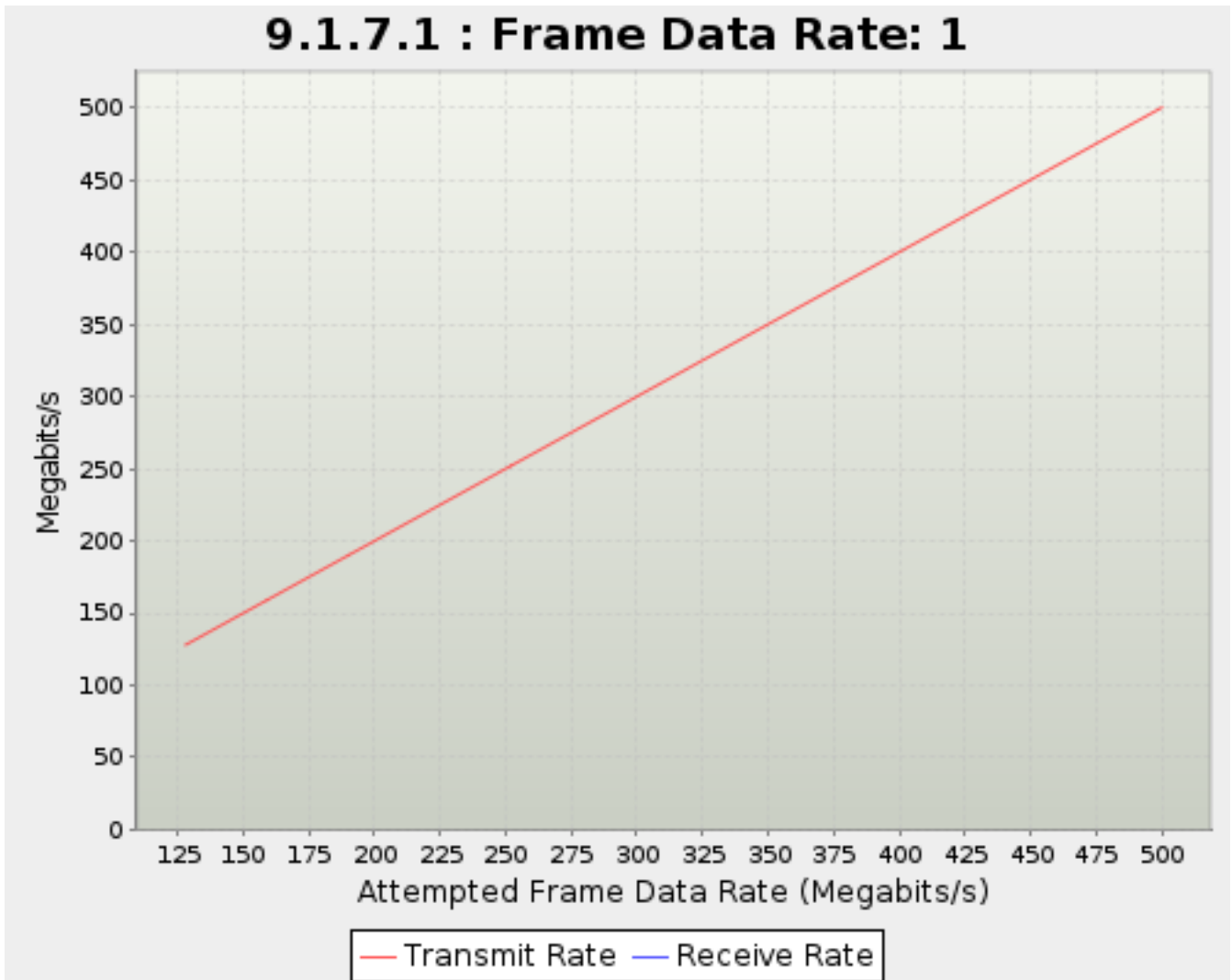
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	62.436	~128	128.1
159	62.647	~159	160.3
190	62.436	~190	191.9
252	62.597	~252	254.5
500	62.275	~500	376.7

9.1.7.1. Frame Data Rate: 1



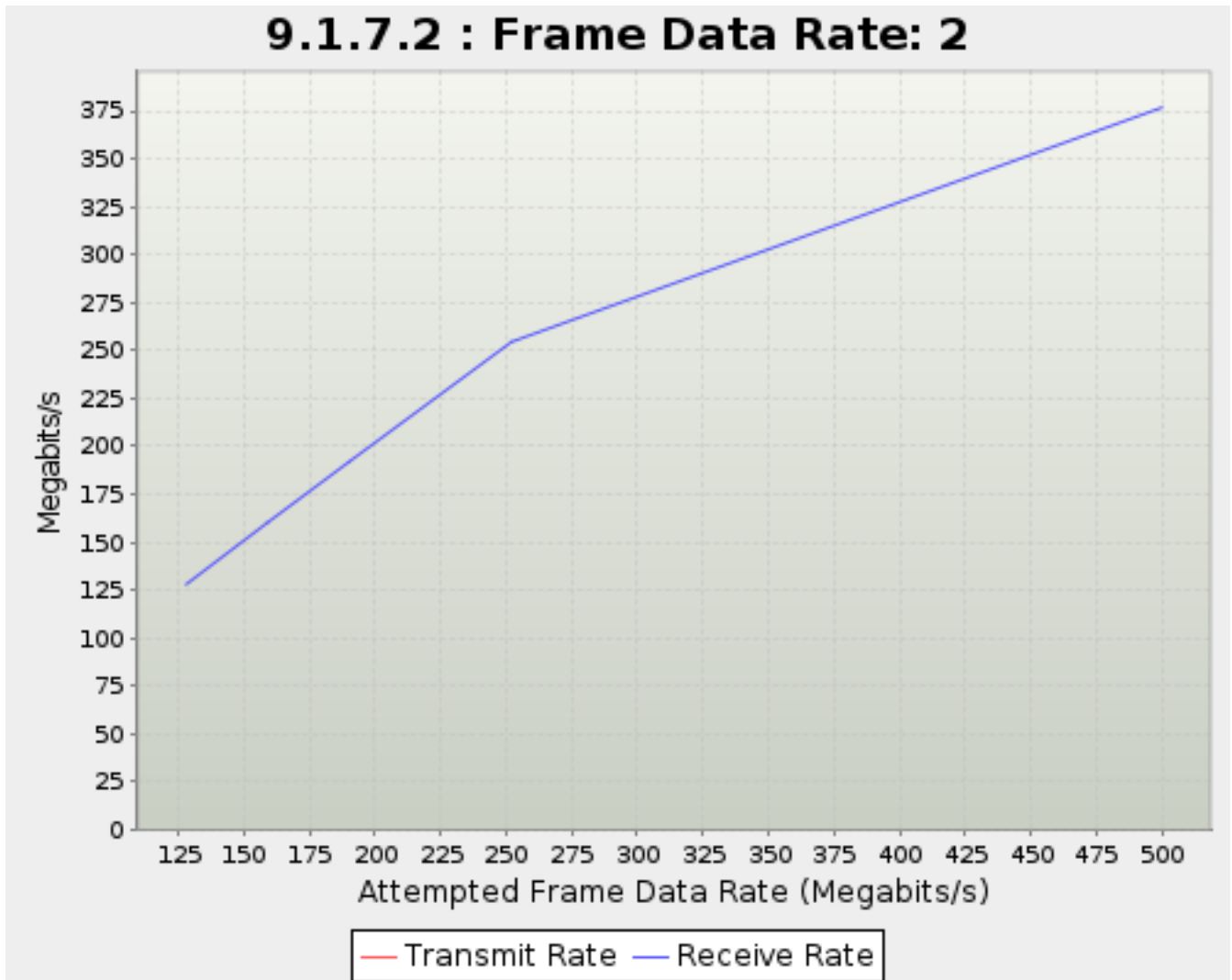
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	62.436	~128	0
159	62.647	~159	0
190	62.436	~190	0
252	62.597	~252	0
500	62.275	~500	0

9.1.7.2. Frame Data Rate: 2



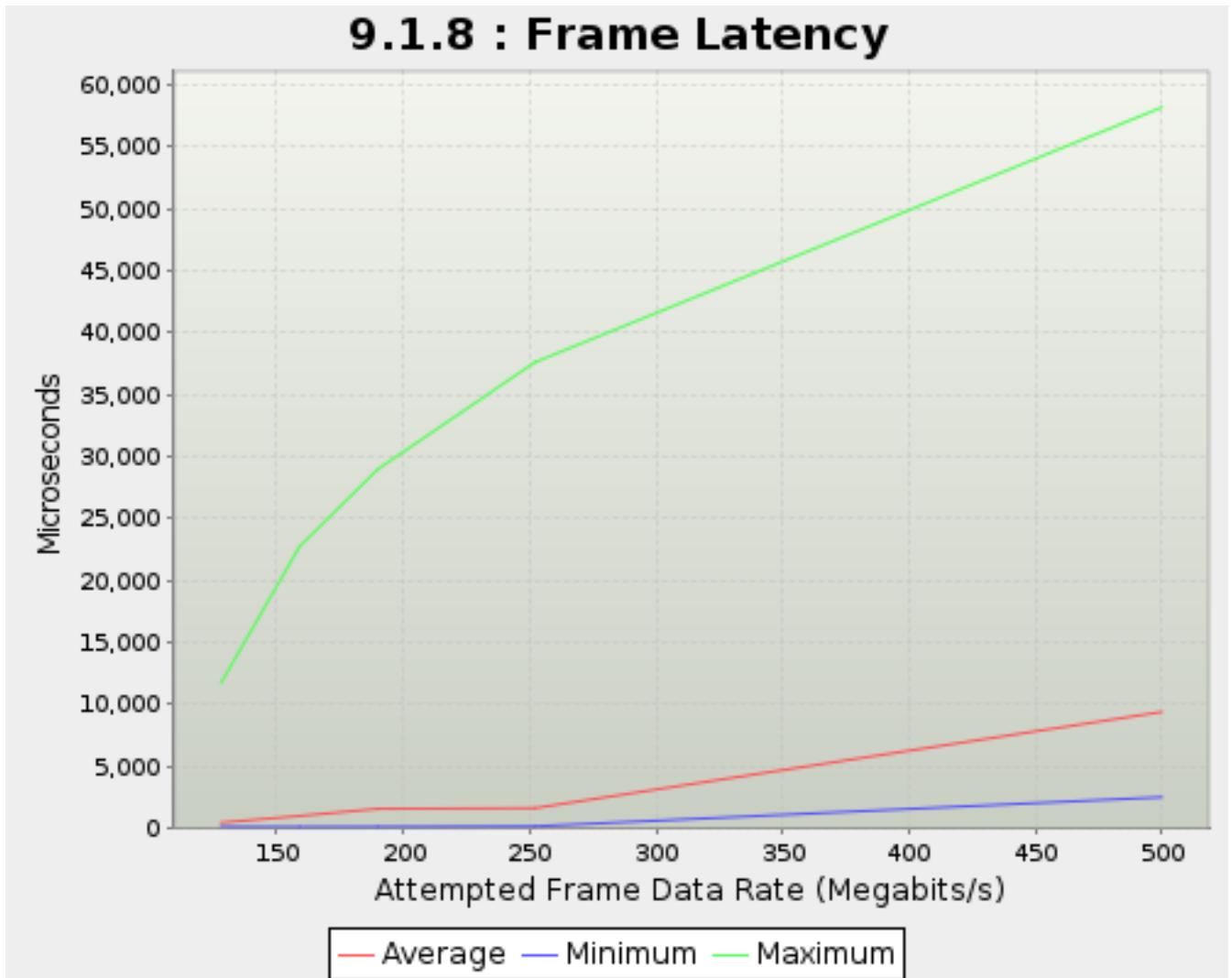
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

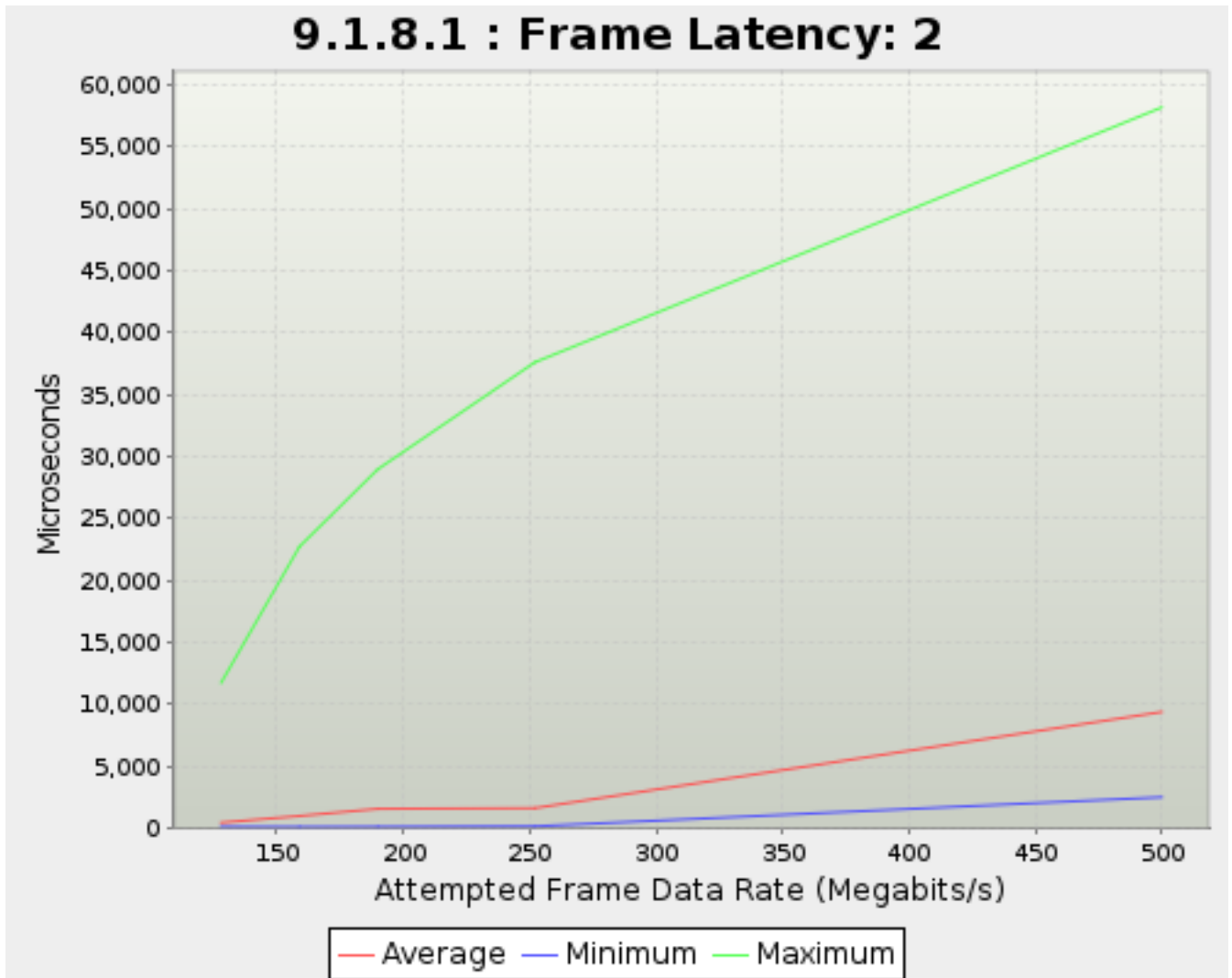
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	62.436	0	128.1
159	62.647	0	160.3
190	62.436	0	191.9
252	62.597	0	254.5
500	62.275	0	376.7

9.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
128	62.436	435.252	102.210	11,741.340
159	62.647	974.716	87.710	22,739.359
190	62.436	1,552.552	100.070	28,990.551
252	62.597	1,607.702	138.530	37,616.930
500	62.275	9,375.069	2,488.650	58,214.328

9.1.8.1. Frame Latency: 2

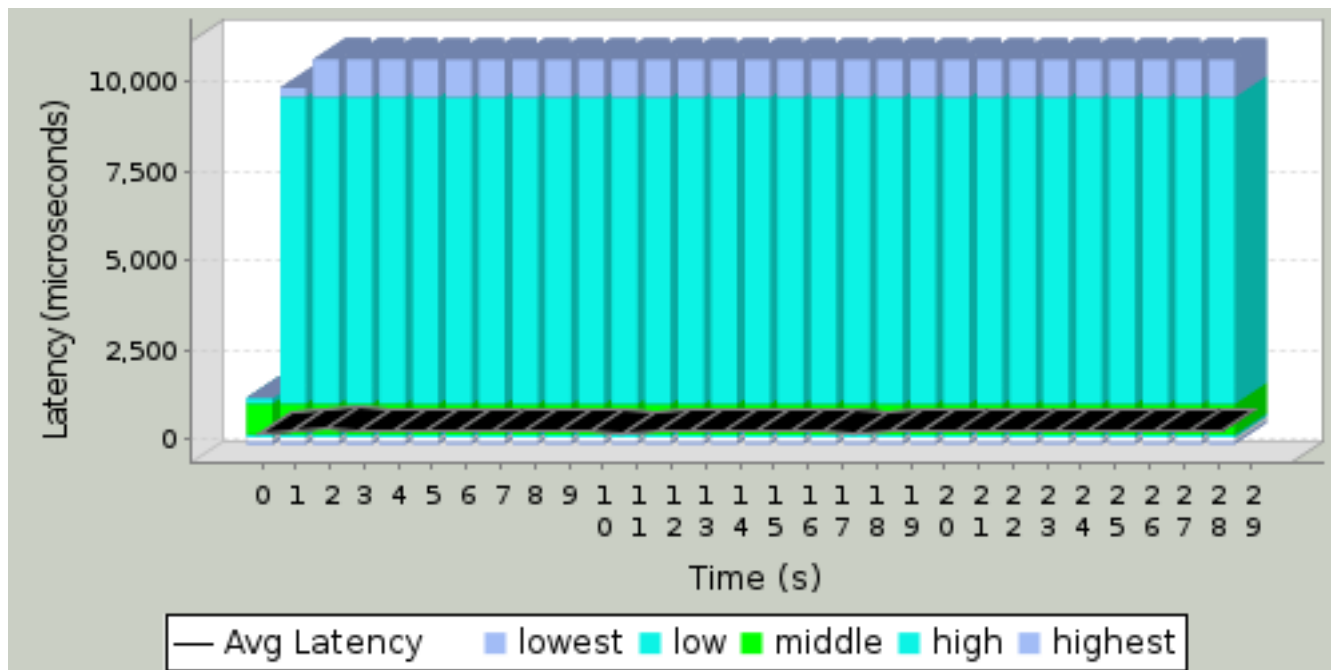


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
128	62.436	435.252	102.210	11,741.340
159	62.647	974.716	87.710	22,739.359
190	62.436	1,552.552	100.070	28,990.551
252	62.597	1,607.702	138.530	37,616.930
500	62.275	9,375.069	2,488.650	58,214.328

9.1.9. Frame Latency Distribution

This type of data can not be summarized, please view the detailed report sub-sections.

9.1.9.1. Frame Latency Distribution: 2



This chart shows latency ranges on the Y axis. The length of a colored bucket signifies its size relative to the total latency spread. It does not correspond to the number of packets.

The latency buckets are generated each second to an ideal normal curve, real packet latencies should be close but not exactly normal.

Buckets are generated as - bucket1 (dark blue): lowest 2.2%; bucket2 (light blue): low 13.7%; bucket3 (green): middle 68.2%; bucket4 (light blue): high 13.7%; bucket5 (dark blue): highest 2.2%

68.2% of packets sent during the interval (ideally) will be in the middle bucket (green).

Layer 2 and 3 tests on 1Gig blades do not support dynamic latency. These tests will have static 10,100,1000,10000,10000+ ms buckets.

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
			<i>microseconds</i>				<i>packets</i>					
128	0.222	190.243	113.240 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	3,356 99.319%	23 0.681%	0
128	1.219	258.902	112.950 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	18,182 97.397%	480 2.571%	6 0.032%
128	2.217	365.621	110.050 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	32,539 95.824%	1,389 4.090%	29 0.085%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
128	3.214	268.232	110.050 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	47,308 96.067%	1,905 3.868%	32 0.065%
128	4.212	256.195	110.040 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	62,148 96.303%	2,348 3.638%	38 0.059%
128	5.210	275.230	104.650 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	76,840 96.263%	2,941 3.684%	42 0.053%
128	6.207	263.906	104.650 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	91,600 96.306%	3,464 3.642%	49 0.052%
128	7.215	327.516	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	106,237 96.093%	4,260 3.853%	59 0.053%
128	8.213	305.404	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	120,809 95.998%	4,969 3.949%	67 0.053%
128	9.210	261.553	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	135,590 96.072%	5,470 3.876%	73 0.052%
128	10.208	270.273	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	150,308 96.091%	6,036 3.859%	79 0.051%
128	11.215	217.110	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	165,281 96.169%	6,506 3.786%	79 0.046%
128	12.213	271.367	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	180,017 96.186%	7,053 3.769%	85 0.045%
128	13.211	288.772	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	194,649 96.150%	7,705 3.806%	90 0.044%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	14.208	285.093	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	209,274 96.115%	8,362 3.841%	96 0.044%	
128	15.216	265.910	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	223,966 96.050%	9,114 3.909%	96 0.041%	
128	16.214	292.460	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	238,633 96.043%	9,728 3.915%	104 0.042%	
128	17.211	302.026	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	253,221 96.007%	10,416 3.949%	117 0.044%	
128	18.209	248.504	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	268,097 96.077%	10,823 3.879%	123 0.044%	
128	19.216	279.053	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	282,941 96.080%	11,416 3.877%	129 0.044%	
128	20.214	258.549	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	297,759 96.123%	11,867 3.831%	142 0.046%	
128	21.212	327.676	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	312,151 96.028%	12,765 3.927%	148 0.046%	
128	22.209	270.605	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	326,890 96.048%	13,298 3.907%	154 0.045%	
128	23.217	315.070	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	341,635 96.020%	14,000 3.935%	162 0.046%	
128	24.215	279.918	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	356,386 96.039%	14,527 3.915%	172 0.046%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
	<i>microseconds</i>						<i>packets</i>					
128	25.212	295.198	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	370,989 96.018%	15,205 3.935%	180 0.047%
128	26.210	307.887	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	385,485 95.972%	15,994 3.982%	184 0.046%
128	27.207	302.118	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	400,037 95.943%	16,727 4.012%	189 0.045%
128	28.215	331.160	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	414,614 95.888%	17,584 4.067%	198 0.046%
128	29.213	266.837	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	429,396 95.915%	18,084 4.039%	204 0.046%
128	30.210	204.519	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	444,288 95.964%	18,481 3.992%	204 0.044%
128	31.208	320.559	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	458,869 95.945%	19,183 4.011%	210 0.044%
128	32.216	254.672	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	473,837 95.976%	19,652 3.981%	216 0.044%
128	33.213	448.404	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	487,628 95.802%	21,143 4.154%	224 0.044%
128	34.211	304.942	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	502,143 95.777%	21,912 4.179%	228 0.043%
128	35.208	284.766	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	516,882 95.795%	22,426 4.156%	265 0.049%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
	<i>microseconds</i>						<i>packets</i>					
128	36.216	279.502	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	531,665 95.793%	23,080 4.158%	271 0.049%
128	37.214	331.833	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	545,999 95.738%	24,029 4.213%	277 0.049%
128	38.211	284.793	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	560,639 95.739%	24,670 4.213%	283 0.048%
128	39.209	254.833	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	575,495 95.775%	25,100 4.177%	288 0.048%
128	40.217	316.867	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	590,061 95.738%	25,971 4.214%	294 0.048%
128	41.214	276.592	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	604,738 95.745%	26,577 4.208%	300 0.047%
128	42.212	394.434	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	619,019 95.689%	27,575 4.263%	310 0.048%
128	43.209	264.511	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	633,894 95.726%	27,979 4.225%	320 0.048%
128	44.237	296.001	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	648,969 95.726%	28,648 4.226%	328 0.048%
128	45.215	297.546	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	663,241 95.716%	29,350 4.236%	335 0.048%
128	46.212	259.199	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	678,007 95.735%	29,868 4.217%	339 0.048%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	47.210	345.814	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	692,415 95.703%	30,740 4.249%	348 0.048%	
128	48.207	289.800	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	707,130 95.714%	31,305 4.237%	356 0.048%	
128	49.215	192.830	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	722,258 95.760%	31,622 4.193%	356 0.047%	
128	50.213	342.267	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	736,632 95.726%	32,530 4.227%	362 0.047%	
128	51.210	292.181	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	751,211 95.718%	33,235 4.235%	368 0.047%	
128	52.238	252.860	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	766,477 95.742%	33,714 4.211%	374 0.047%	
128	53.216	246.295	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	781,094 95.776%	34,072 4.178%	380 0.047%	
128	54.213	288.964	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	795,702 95.771%	34,744 4.182%	388 0.047%	
128	55.211	271.640	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	810,413 95.779%	35,316 4.174%	395 0.047%	
128	56.208	276.239	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	825,084 95.783%	35,928 4.171%	401 0.047%	
128	57.216	295.981	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	839,832 95.778%	36,616 4.176%	408 0.047%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	58.214	246.502	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	854,744 95.808%	36,987 4.146%	414 0.046%	
128	59.211	346.719	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	869,213 95.788%	37,799 4.165%	422 0.047%	
128	62.436	323.658	102.210 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	880,722 95.783%	38,347 4.170%	431 0.047%	
159	0.322	528.775	95.520 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	4 0.066%	5,342 87.819%	737 12.116%	0	
159	1.320	297.711	88.800 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	33 0.132%	23,449 93.519%	1,585 6.321%	7 0.028%	
159	2.318	256.357	88.800 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	45 0.102%	41,902 95.087%	2,106 4.779%	14 0.032%	
159	3.315	314.531	88.800 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	105 0.167%	59,772 94.790%	3,153 5.000%	27 0.043%	
159	4.313	272.485	88.800 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	144 0.176%	78,046 95.120%	3,826 4.663%	34 0.041%	
159	5.321	285.533	88.800 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	166 0.164%	96,396 95.222%	4,629 4.573%	42 0.041%	
159	6.318	256.799	88.800 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	216 0.180%	114,790 95.490%	5,156 4.289%	49 0.041%	
159	7.316	300.008	88.800 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	251 0.180%	132,919 95.477%	5,989 4.302%	56 0.040%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
159	8.313	269.887	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	298 <i>0.188%</i>	151,093 <i>95.503%</i>	6,761 <i>4.273%</i>	56 <i>0.035%</i>	
159	9.321	256.720	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	318 <i>0.179%</i>	169,730 <i>95.681%</i>	7,281 <i>4.104%</i>	63 <i>0.036%</i>	
159	10.319	289.169	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	351 <i>0.179%</i>	187,858 <i>95.659%</i>	8,103 <i>4.126%</i>	71 <i>0.036%</i>	
159	11.316	281.906	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	403 <i>0.187%</i>	206,063 <i>95.676%</i>	8,831 <i>4.100%</i>	78 <i>0.036%</i>	
159	12.314	287.176	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	420 <i>0.179%</i>	224,258 <i>95.686%</i>	9,605 <i>4.098%</i>	85 <i>0.036%</i>	
159	13.322	212.925	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	469 <i>0.185%</i>	242,784 <i>95.766%</i>	10,179 <i>4.015%</i>	85 <i>0.034%</i>	
159	14.319	267.300	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	514 <i>0.189%</i>	261,163 <i>95.825%</i>	10,773 <i>3.953%</i>	93 <i>0.034%</i>	
159	15.317	295.880	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	563 <i>0.193%</i>	279,261 <i>95.790%</i>	11,610 <i>3.982%</i>	101 <i>0.035%</i>	
159	16.314	357.022	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	575 <i>0.185%</i>	296,983 <i>95.639%</i>	12,855 <i>4.140%</i>	113 <i>0.036%</i>	
159	17.312	457.102	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	609 <i>0.185%</i>	314,406 <i>95.414%</i>	14,375 <i>4.362%</i>	128 <i>0.039%</i>	
159	18.320	268.698	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	624 <i>0.179%</i>	332,923 <i>95.475%</i>	15,019 <i>4.307%</i>	135 <i>0.039%</i>	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
159	19.317	291.180	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	644 <i>0.175%</i>	351,082 <i>95.483%</i>	15,828 <i>4.305%</i>	138 <i>0.038%</i>	
159	20.315	295.334	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	662 <i>0.171%</i>	369,223 <i>95.484%</i>	16,655 <i>4.307%</i>	145 <i>0.037%</i>	
159	21.312	261.575	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	680 <i>0.168%</i>	387,630 <i>95.552%</i>	17,213 <i>4.243%</i>	153 <i>0.038%</i>	
159	22.320	288.321	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	697 <i>0.164%</i>	405,960 <i>95.553%</i>	18,034 <i>4.245%</i>	160 <i>0.038%</i>	
159	23.318	292.170	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	737 <i>0.166%</i>	424,110 <i>95.552%</i>	18,837 <i>4.244%</i>	168 <i>0.038%</i>	
159	24.315	285.551	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	789 <i>0.170%</i>	442,292 <i>95.560%</i>	19,587 <i>4.232%</i>	176 <i>0.038%</i>	
159	25.313	311.854	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	809 <i>0.168%</i>	460,247 <i>95.520%</i>	20,594 <i>4.274%</i>	184 <i>0.038%</i>	
159	26.321	304.668	88.800 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	818 <i>0.163%</i>	478,506 <i>95.507%</i>	21,503 <i>4.292%</i>	191 <i>0.038%</i>	
159	27.318	304.259	88.570 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	845 <i>0.162%</i>	496,561 <i>95.491%</i>	22,405 <i>4.309%</i>	199 <i>0.038%</i>	
159	28.316	287.638	88.570 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	862 <i>0.160%</i>	514,741 <i>95.499%</i>	23,193 <i>4.303%</i>	206 <i>0.038%</i>	
159	29.313	301.301	88.570 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	892 <i>0.160%</i>	532,780 <i>95.481%</i>	24,109 <i>4.321%</i>	213 <i>0.038%</i>	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
159	30.321	316.150	88.570 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	916 <i>0.159%</i>	550,921 <i>95.451%</i>	25,120 <i>4.352%</i>	220 <i>0.038%</i>	
159	31.319	272.067	88.570 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	979 <i>0.164%</i>	569,202 <i>95.476%</i>	25,762 <i>4.321%</i>	227 <i>0.038%</i>	
159	32.316	986.023	88.570 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	986 <i>0.160%</i>	586,384 <i>95.326%</i>	26,931 <i>4.378%</i>	833 <i>0.135%</i>	
159	33.314	244.831	88.570 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,010 <i>0.159%</i>	604,475 <i>95.324%</i>	27,809 <i>4.385%</i>	833 <i>0.131%</i>	
159	34.312	258.358	88.570 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,069 <i>0.164%</i>	622,851 <i>95.366%</i>	28,358 <i>4.342%</i>	840 <i>0.129%</i>	
159	35.319	348.666	88.570 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,103 <i>0.164%</i>	640,723 <i>95.303%</i>	29,630 <i>4.407%</i>	846 <i>0.126%</i>	
159	36.317	293.987	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,153 <i>0.167%</i>	658,800 <i>95.300%</i>	30,487 <i>4.410%</i>	854 <i>0.124%</i>	
159	37.314	310.553	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,180 <i>0.166%</i>	676,812 <i>95.287%</i>	31,433 <i>4.425%</i>	860 <i>0.121%</i>	
159	38.312	271.749	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,202 <i>0.165%</i>	695,138 <i>95.319%</i>	32,068 <i>4.397%</i>	869 <i>0.119%</i>	
159	39.320	275.573	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,220 <i>0.163%</i>	713,564 <i>95.338%</i>	32,799 <i>4.382%</i>	877 <i>0.117%</i>	
159	40.317	272.513	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,240 <i>0.162%</i>	731,875 <i>95.364%</i>	33,452 <i>4.359%</i>	886 <i>0.115%</i>	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
159	41.315	268.450	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,261 0.160%	750,207 95.392%	34,082 4.334%	894 0.114%
159	42.312	265.833	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,269 0.158%	768,603 95.427%	34,662 4.304%	902 0.112%
159	43.320	309.724	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,307 0.158%	786,740 95.406%	35,663 4.325%	910 0.110%
159	44.318	284.208	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,327 0.157%	804,910 95.412%	36,457 4.322%	917 0.109%
159	45.315	304.403	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,333 0.155%	822,964 95.405%	37,381 4.334%	925 0.107%
159	46.313	296.513	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,341 0.152%	841,022 95.398%	38,299 4.344%	933 0.106%
159	47.321	308.892	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,370 0.152%	859,219 95.386%	39,249 4.357%	940 0.104%
159	48.318	312.852	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,372 0.149%	877,356 95.389%	40,090 4.359%	952 0.104%
159	49.316	398.693	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,381 0.147%	894,961 95.334%	41,450 4.415%	970 0.103%
159	50.313	266.739	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,399 0.146%	913,299 95.358%	42,079 4.394%	977 0.102%
159	51.321	275.349	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,411 0.144%	931,788 95.379%	42,754 4.376%	984 0.101%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
159	52.319	194.008	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,430 0.144%	950,221 95.426%	43,134 4.332%	984 0.099%	
159	53.316	293.470	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,452 0.143%	968,528 95.429%	43,949 4.330%	991 0.098%	
159	54.314	307.040	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,524 0.147%	986,621 95.426%	44,767 4.330%	1,000 0.097%	
159	55.312	283.963	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,536 0.146%	1,004,872 95.438%	45,488 4.320%	1,008 0.096%	
159	56.319	303.781	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,555 0.145%	1,023,154 95.436%	46,363 4.325%	1,015 0.095%	
159	57.317	276.393	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,564 0.143%	1,041,498 95.457%	46,978 4.306%	1,023 0.094%	
159	58.314	276.524	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,588 0.143%	1,059,779 95.471%	47,660 4.293%	1,032 0.093%	
159	59.312	271.341	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,611 0.143%	1,078,069 95.485%	48,325 4.280%	1,039 0.092%	
159	62.647	316.568	87.710 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,639 0.143%	1,090,562 95.480%	48,946 4.285%	1,047 0.092%	
190	0.222	613.906	104.270 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	4,565 90.918%	453 9.022%	3 0.060%	
190	1.219	377.290	100.070 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	25,728 92.831%	1,974 7.122%	13 0.047%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	2.217	596.591	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	46,734 92.710%	3,592 7.126%	83 0.165%	
190	3.214	551.146	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	68,082 93.135%	4,876 6.670%	142 0.194%	
190	4.212	359.047	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	90,098 94.051%	5,557 5.801%	142 0.148%	
190	5.210	554.034	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	111,362 93.985%	6,907 5.829%	220 0.186%	
190	6.217	415.469	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	133,471 94.382%	7,709 5.451%	235 0.166%	
190	7.215	414.459	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	155,336 94.655%	8,525 5.195%	247 0.151%	
190	8.213	443.496	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	176,861 94.677%	9,683 5.184%	260 0.139%	
190	9.210	407.403	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	198,813 94.899%	10,412 4.970%	274 0.131%	
190	10.218	399.302	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	221,037 95.101%	11,100 4.776%	286 0.123%	
190	11.215	1,605.025	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	241,565 94.798%	11,574 4.542%	1,682 0.660%	
190	12.233	468.525	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	263,417 94.764%	12,867 4.629%	1,689 0.608%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	13.211	498.138	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	284,586 94.796%	13,914 4.635%	1,710 0.570%	
190	14.218	644.856	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	305,853 94.652%	15,409 4.769%	1,872 0.579%	
190	15.216	486.095	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	327,525 94.707%	16,412 4.746%	1,891 0.547%	
190	16.214	539.138	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	348,944 94.687%	17,616 4.780%	1,963 0.533%	
190	17.211	554.739	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	370,209 94.630%	18,983 4.852%	2,024 0.517%	
190	18.219	616.059	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	391,018 94.417%	21,025 5.077%	2,097 0.506%	
190	19.216	541.527	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	412,520 94.434%	22,148 5.070%	2,168 0.496%	
190	20.214	414.815	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	434,378 94.527%	22,970 4.999%	2,181 0.475%	
190	21.212	423.692	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	456,133 94.589%	23,899 4.956%	2,194 0.455%	
190	22.209	353.480	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	478,207 94.710%	24,516 4.855%	2,194 0.435%	
190	23.217	541.053	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	499,556 94.641%	26,063 4.938%	2,222 0.421%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	24.235	418.380	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	521,789 94.699%	26,970 4.895%	2,237 0.406%	
190	25.212	411.243	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	543,208 94.762%	27,772 4.845%	2,251 0.393%	
190	26.210	515.458	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	564,434 94.715%	29,223 4.904%	2,270 0.381%	
190	27.217	416.728	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	586,470 94.768%	30,099 4.864%	2,280 0.368%	
190	28.215	573.198	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	607,336 94.668%	31,915 4.975%	2,292 0.357%	
190	29.213	427.410	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	629,099 94.710%	32,828 4.942%	2,310 0.348%	
190	30.210	431.277	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	650,835 94.745%	33,773 4.916%	2,325 0.338%	
190	31.218	401.120	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	673,013 94.810%	34,507 4.861%	2,338 0.329%	
190	32.236	447.058	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	695,047 94.821%	35,610 4.858%	2,352 0.321%	
190	33.213	441.638	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	716,124 94.820%	36,758 4.867%	2,364 0.313%	
190	34.211	455.522	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	737,596 94.814%	37,968 4.881%	2,377 0.306%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	35.218	438.427	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	759,418 94.825%	39,058 4.877%	2,390 0.298%	
190	36.216	497.126	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	780,541 94.777%	40,614 4.932%	2,403 0.292%	
190	37.214	434.040	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	802,260 94.801%	41,578 4.913%	2,416 0.285%	
190	38.211	1,360.305	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	822,930 94.730%	42,172 4.855%	3,612 0.416%	
190	39.219	343.850	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	845,229 94.802%	42,730 4.793%	3,612 0.405%	
190	40.217	425.576	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	866,979 94.828%	43,658 4.775%	3,624 0.396%	
190	41.214	433.076	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	888,833 94.857%	44,553 4.755%	3,637 0.388%	
190	42.212	488.468	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	910,356 94.858%	45,699 4.762%	3,652 0.381%	
190	43.209	492.085	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	932,036 94.872%	46,705 4.754%	3,673 0.374%	
190	44.217	561.907	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	953,516 94.845%	48,071 4.782%	3,751 0.373%	
190	45.215	520.975	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	974,726 94.815%	49,526 4.818%	3,779 0.368%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	46.212	561.577	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	996,009 94.792%	50,884 4.843%	3,834 0.365%	
190	47.210	446.616	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,017,573 94.797%	51,998 4.844%	3,849 0.359%	
190	48.217	495.326	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,039,339 94.800%	53,144 4.847%	3,862 0.352%	
190	49.215	553.333	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,060,727 94.789%	54,388 4.860%	3,923 0.351%	
190	50.213	493.447	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,082,276 94.792%	55,514 4.862%	3,943 0.345%	
190	51.210	571.861	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,103,314 94.752%	57,101 4.904%	4,014 0.345%	
190	52.218	531.739	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,124,607 94.716%	58,707 4.944%	4,038 0.340%	
190	53.216	526.569	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,146,134 94.718%	59,817 4.943%	4,097 0.339%	
190	54.213	545.984	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,167,426 94.702%	61,155 4.961%	4,161 0.338%	
190	55.211	538.292	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,188,734 94.687%	62,511 4.979%	4,188 0.334%	
190	56.218	560.343	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,210,221 94.670%	63,874 4.997%	4,262 0.333%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
190	57.216	481.368	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,231,697 94.686%	64,782 4.980%	4,350 0.334%	
190	58.214	428.348	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,253,681 94.707%	65,700 4.963%	4,368 0.330%	
190	59.211	551.215	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,274,800 94.679%	67,250 4.995%	4,395 0.326%	
190	62.436	434.325	100.070 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,291,964 94.690%	68,040 4.987%	4,404 0.323%	
252	0.302	3,149.773	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	5,623 65.376%	1,582 18.393%	1,396 16.231%	
252	1.290	1,322.487	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	31,045 81.204%	4,286 11.211%	2,900 7.585%	
252	2.287	1,015.876	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	57,467 84.100%	7,355 10.764%	3,510 5.137%	
252	3.295	1,647.504	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	84,714 86.389%	8,163 8.324%	5,184 5.287%	
252	4.293	1,423.447	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	111,937 87.790%	9,269 7.270%	6,299 4.940%	
252	5.290	765.128	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	139,992 88.867%	10,665 6.770%	6,873 4.363%	
252	6.288	1,033.796	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	166,771 89.032%	12,939 6.908%	7,606 4.061%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
252	7.296	879.088	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	193,831 89.162%	15,696 7.220%	7,865 3.618%	
252	8.293	803.243	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	221,689 89.534%	17,566 7.094%	8,347 3.371%	
252	9.291	998.438	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	248,780 89.573%	19,894 7.163%	9,067 3.265%	
252	10.288	878.725	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	275,683 89.552%	22,844 7.421%	9,321 3.028%	
252	11.286	939.851	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	302,131 89.461%	26,037 7.710%	9,555 2.829%	
252	12.294	1,168.661	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	328,970 89.348%	28,590 7.765%	10,628 2.887%	
252	13.291	1,021.247	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	355,696 89.341%	31,027 7.793%	11,408 2.865%	
252	14.289	932.802	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	382,213 89.254%	34,353 8.022%	11,664 2.724%	
252	15.287	1,020.524	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	408,786 89.190%	37,238 8.125%	12,306 2.685%	
252	16.294	978.492	138.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	435,770 89.163%	40,100 8.205%	12,863 2.632%	

*Note: Max rows reached. Export to csv or zip to view all

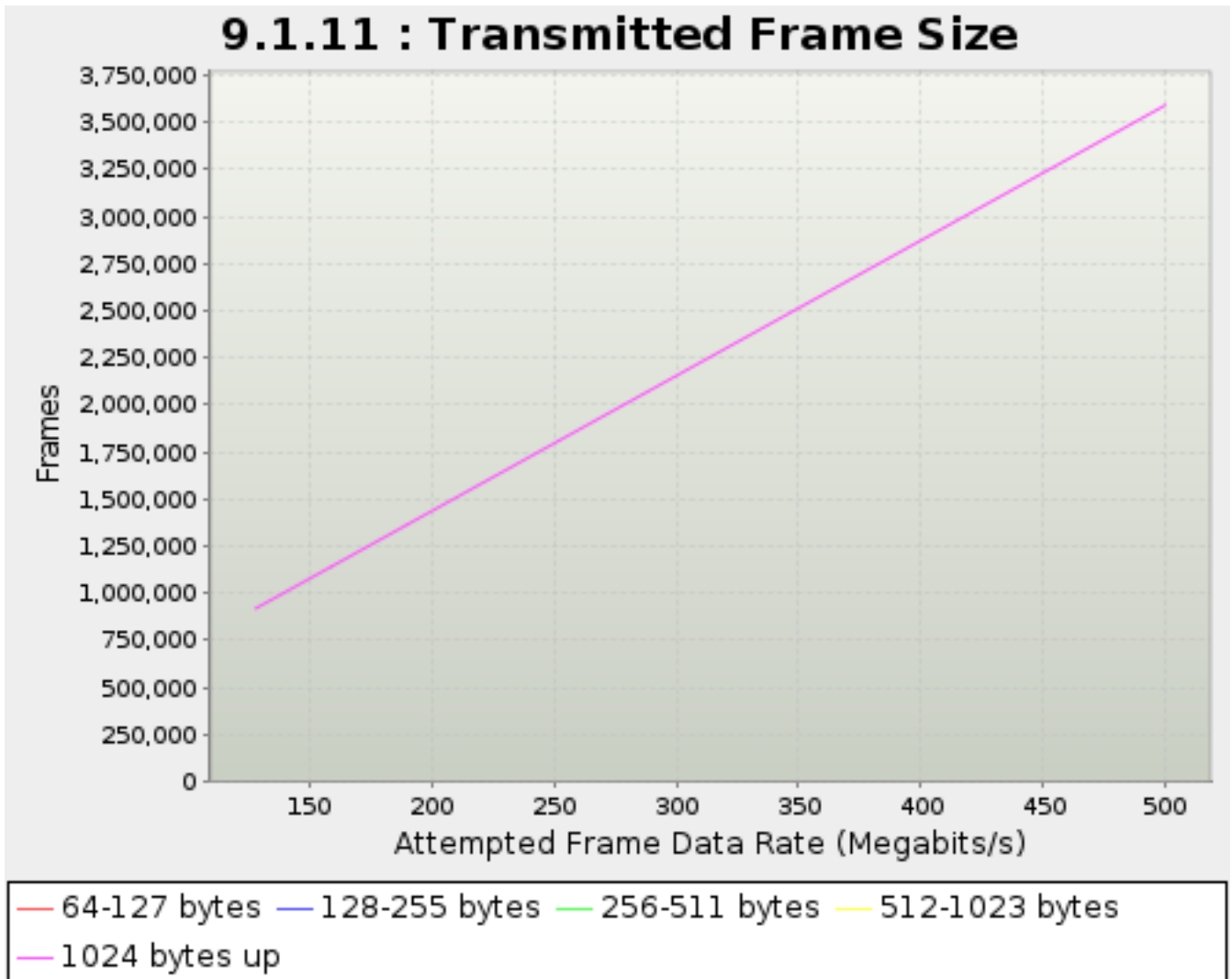
9.1.10. Component Summary

Attempted Frame Data Rate	Frames transmitted	Frames received	Frame bytes transmitted	Frame bytes received
	<i>Frames</i>		<i>Frame bytes</i>	
128	919,500	919,500 100.000%	941,568,000	941,568,000 100.000%
159	1,142,220	1,142,194 99.998%	1,169,633,280	1,169,606,656 99.998%
190	1,364,940	1,364,408 99.961%	1,397,698,560	1,397,153,792 99.961%
252	1,810,320	1,803,404 99.618%	1,853,767,680	1,846,685,696 99.618%
500	3,591,900	2,617,257 72.866%	3,678,105,600	2,680,071,168 72.866%

Attempted Frame Data Rate	Maximum frame transmit rate	Maximum frame receive rate	Maximum frame data transmit rate	Maximum frame data receive rate
	<i>Frames/s</i>		<i>Megabits/s</i>	
128	~15330	~15340	~128	128.1
159	~19040	~19200	~159	160.3
190	~22750	~22980	~190	191.9
252	~30170	~30470	~252	254.5
500	~59870	~45100	~500	376.7

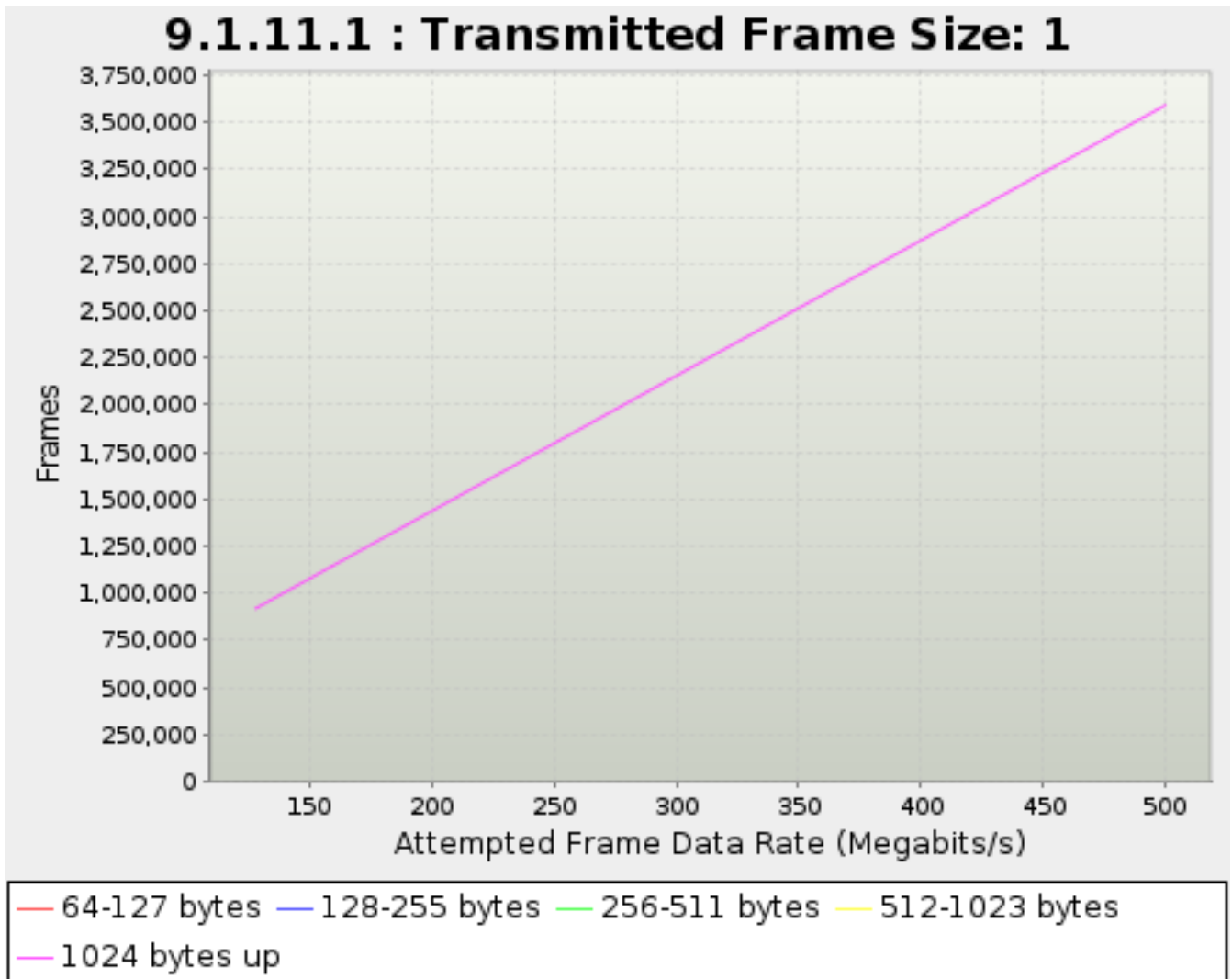
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
128	0	66	0	0	64	0	0	0
159	0	328	0	0	64	26	0	0
190	0	311	0	0	64	532	0	0
252	0	2,304	0	0	64	6,916	0	0
500	0	325,509	0	0	64	974,643	0	0

9.1.11. Transmitted Frame Size



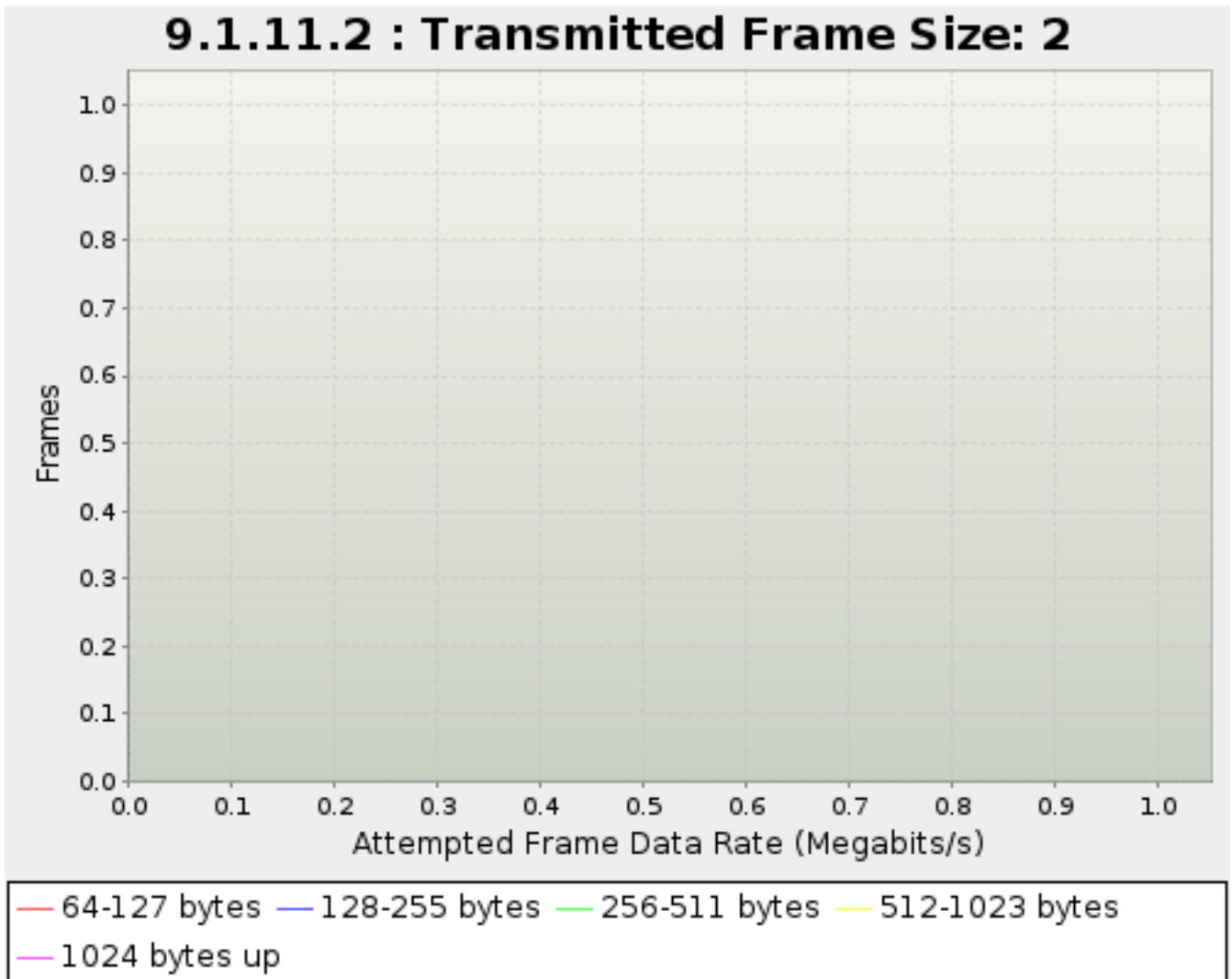
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.436	0	0	0	0	919,500
159	62.647	0	0	0	0	1,142,220
190	62.436	0	0	0	0	1,364,940
252	62.597	0	0	0	0	1,810,320
500	62.275	0	0	0	0	3,591,900

9.1.11.1. Transmitted Frame Size: 1



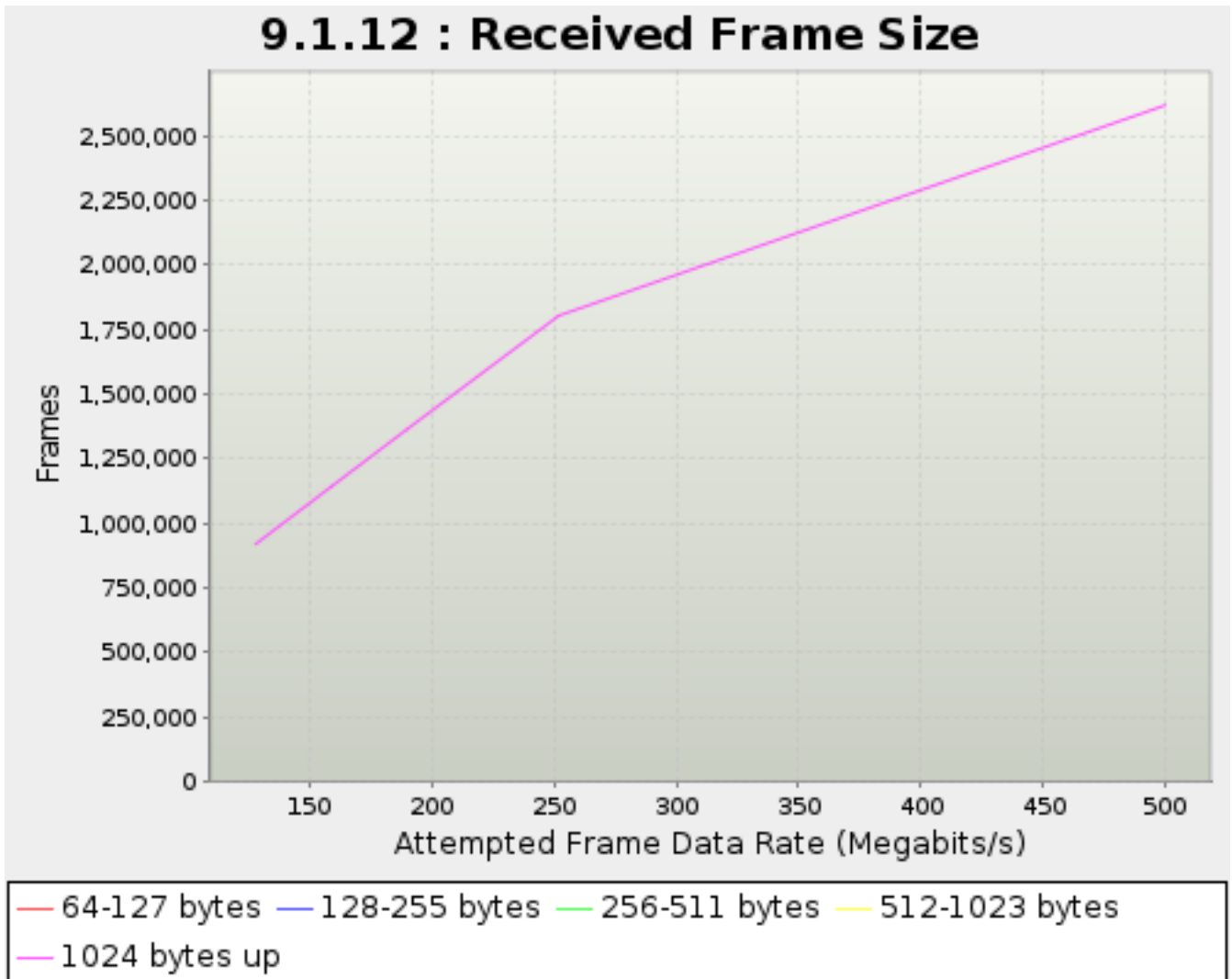
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.436	0	0	0	0	919,500
159	62.647	0	0	0	0	1,142,220
190	62.436	0	0	0	0	1,364,940
252	62.597	0	0	0	0	1,810,320
500	62.275	0	0	0	0	3,591,900

9.1.11.2. Transmitted Frame Size: 2



Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.436	0	0	0	0	0
159	62.647	0	0	0	0	0
190	62.436	0	0	0	0	0
252	62.597	0	0	0	0	0
500	62.275	0	0	0	0	0

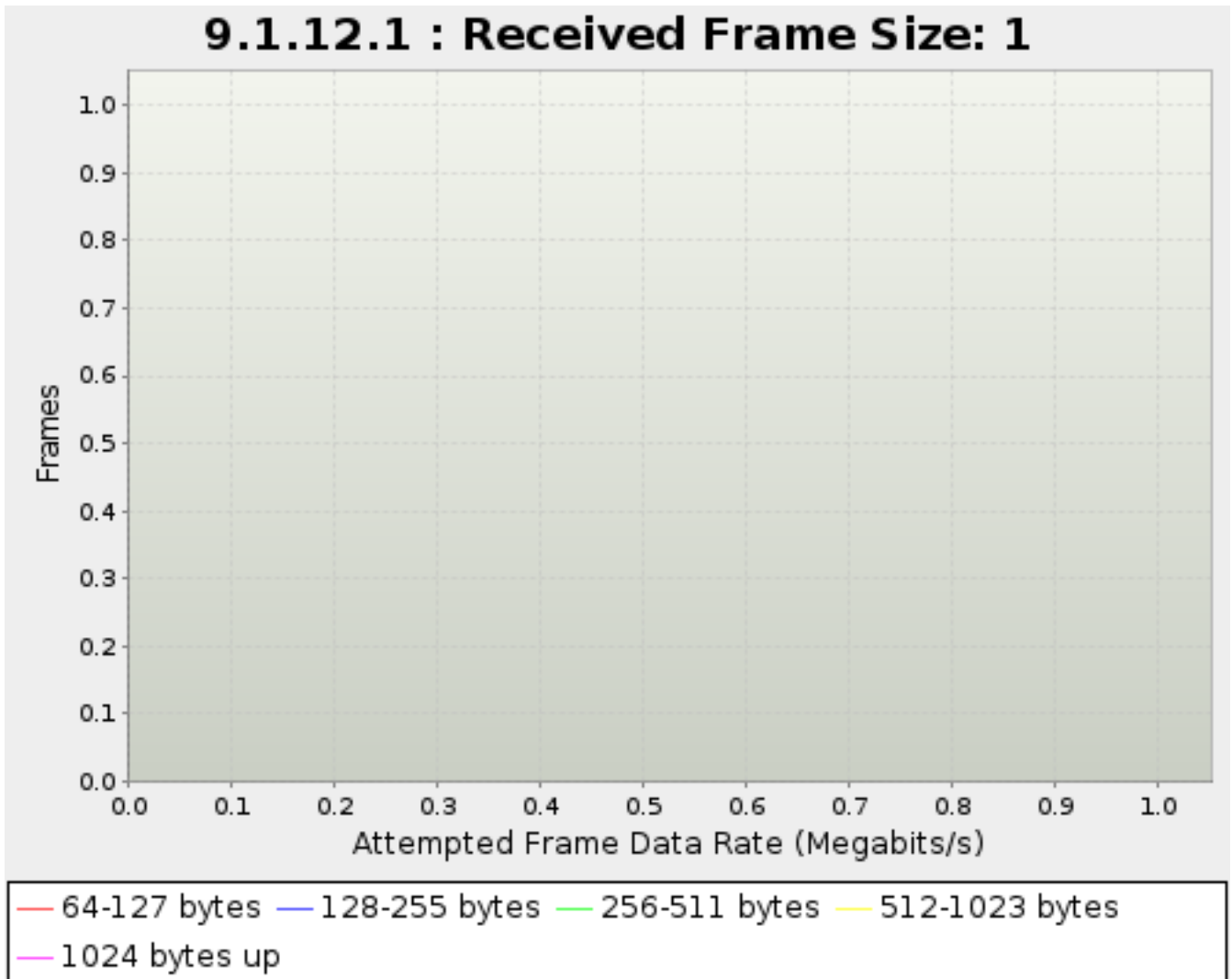
9.1.12. Received Frame Size



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.436	0	0	0	0	919,500
159	62.647	0	0	0	0	1,142,194
190	62.436	0	0	0	0	1,364,408
252	62.597	0	0	0	0	1,803,404
500	62.275	0	0	0	0	2,617,257

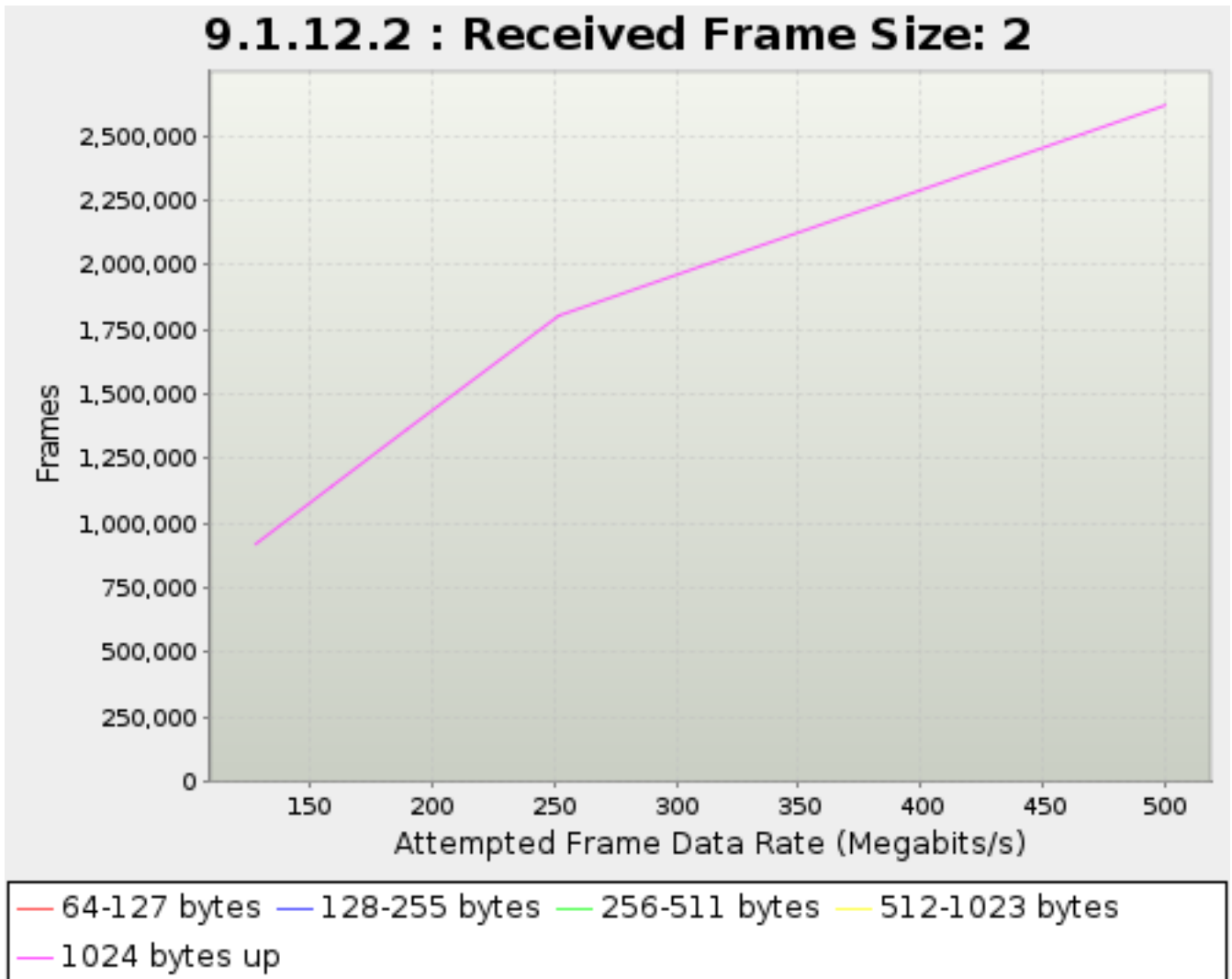
9.1.12.1. Received Frame Size: 1



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.436	0	0	0	0	0
159	62.647	0	0	0	0	0
190	62.436	0	0	0	0	0
252	62.597	0	0	0	0	0
500	62.275	0	0	0	0	0

9.1.12.2. Received Frame Size: 2



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	62.436	0	0	0	0	919,500
159	62.647	0	0	0	0	1,142,194
190	62.436	0	0	0	0	1,364,408
252	62.597	0	0	0	0	1,803,404
500	62.275	0	0	0	0	2,617,257

9.2. Aggregate Stats

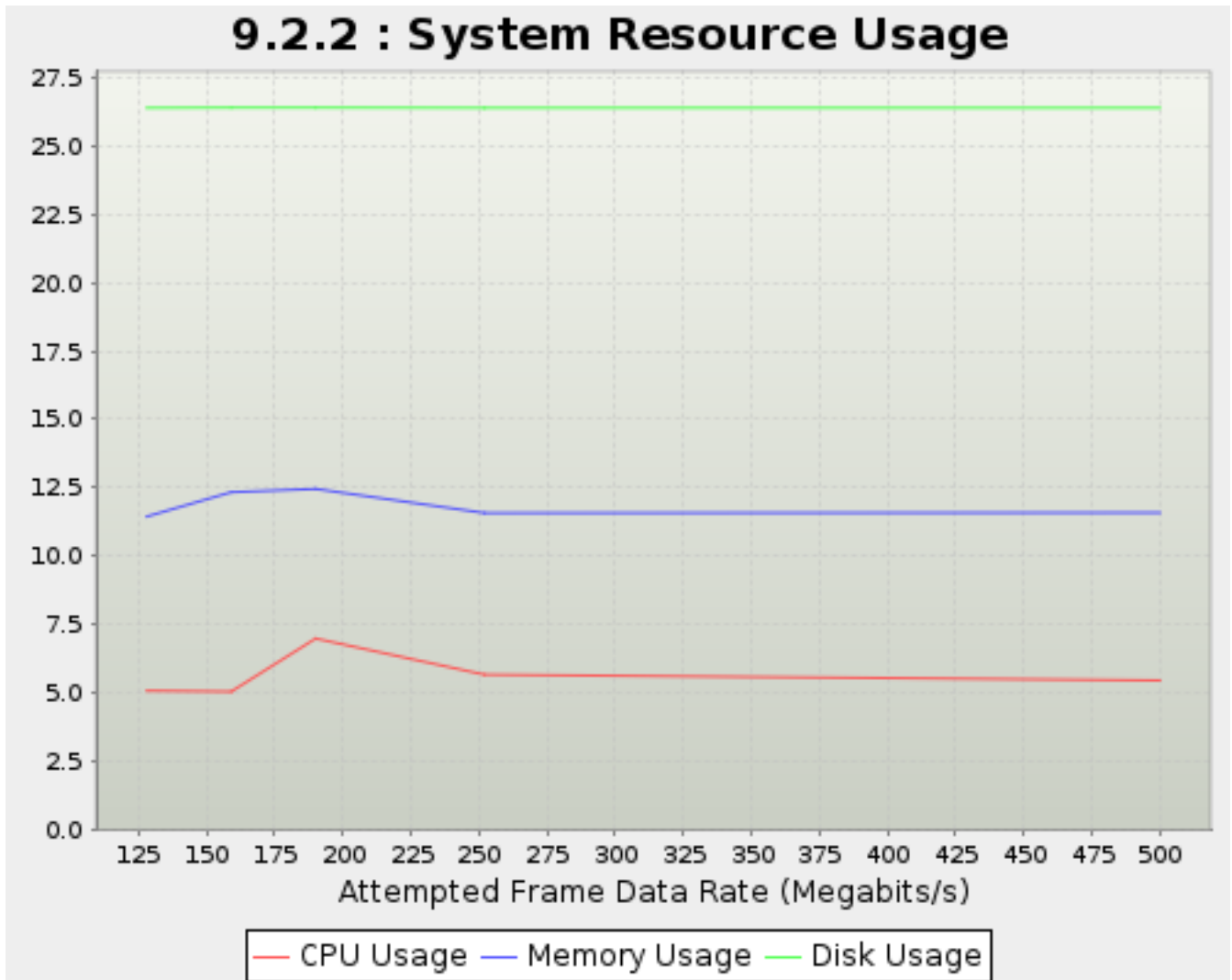
9.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

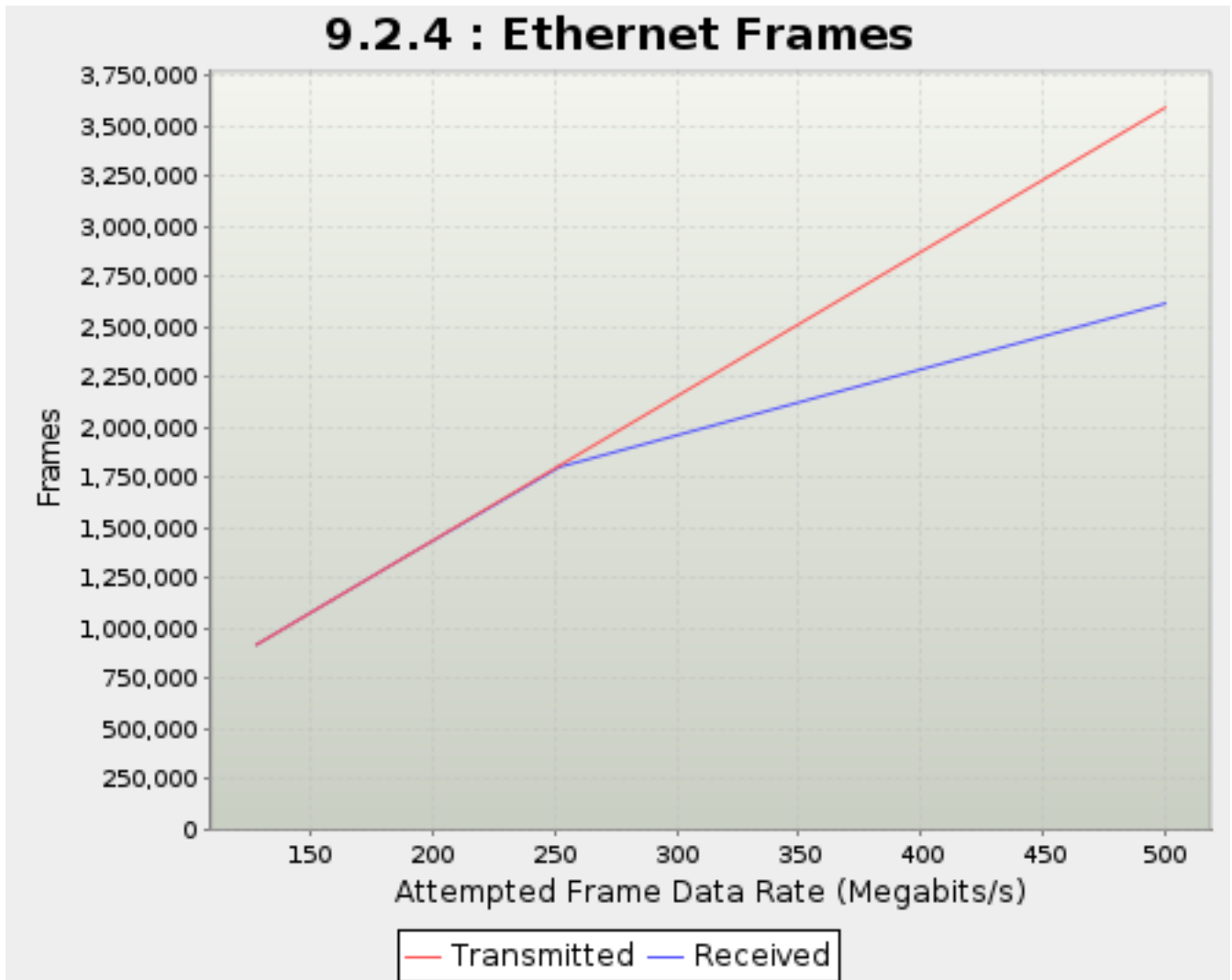
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

9.2.2. System Resource Usage



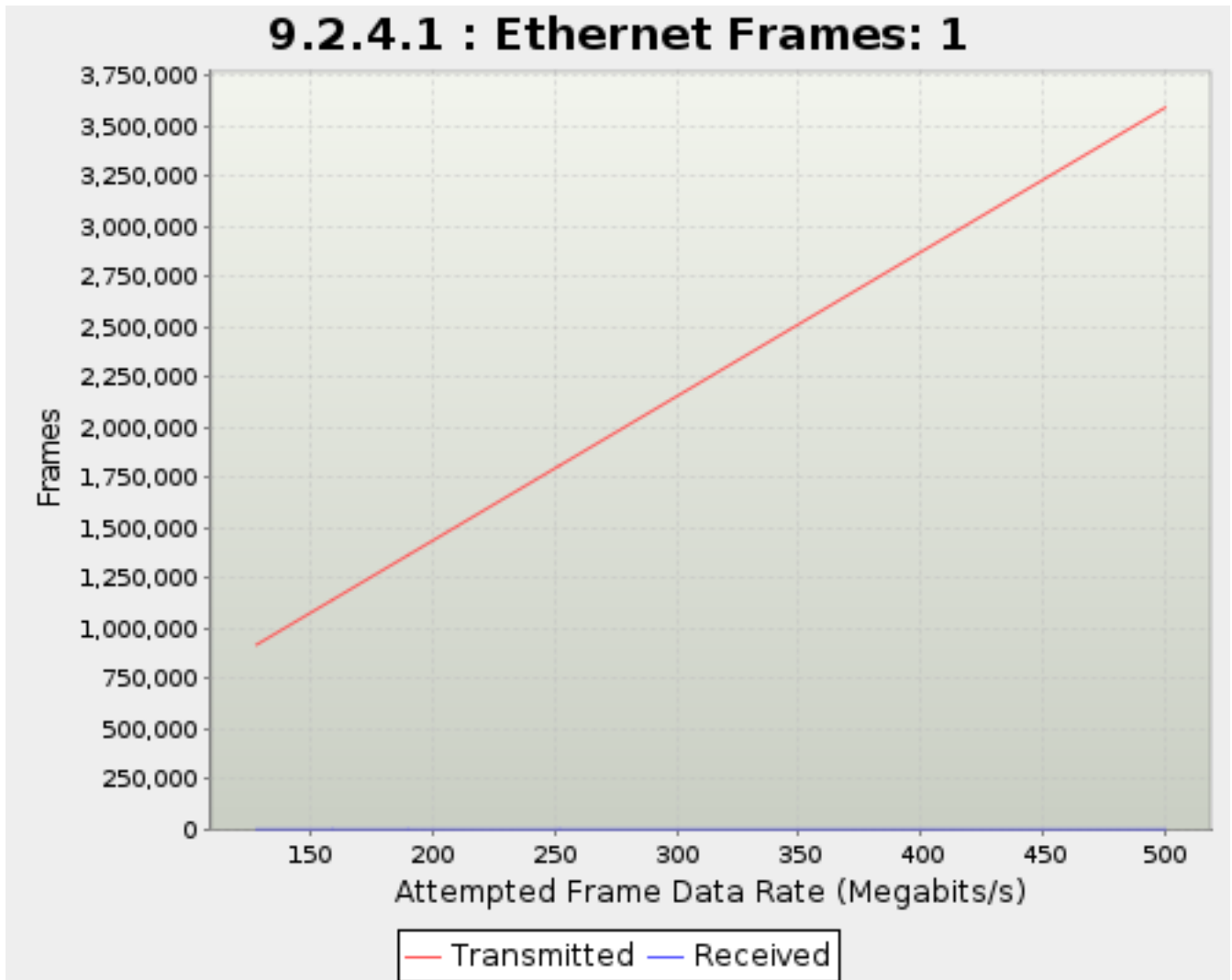
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	63.642	5.08	11.45	26.39
159	63.795	5.05	12.34	26.40
190	63.618	6.99	12.46	26.40
252	63.738	5.67	11.58	26.39
500	63.516	5.46	11.59	26.39

9.2.4. Ethernet Frames



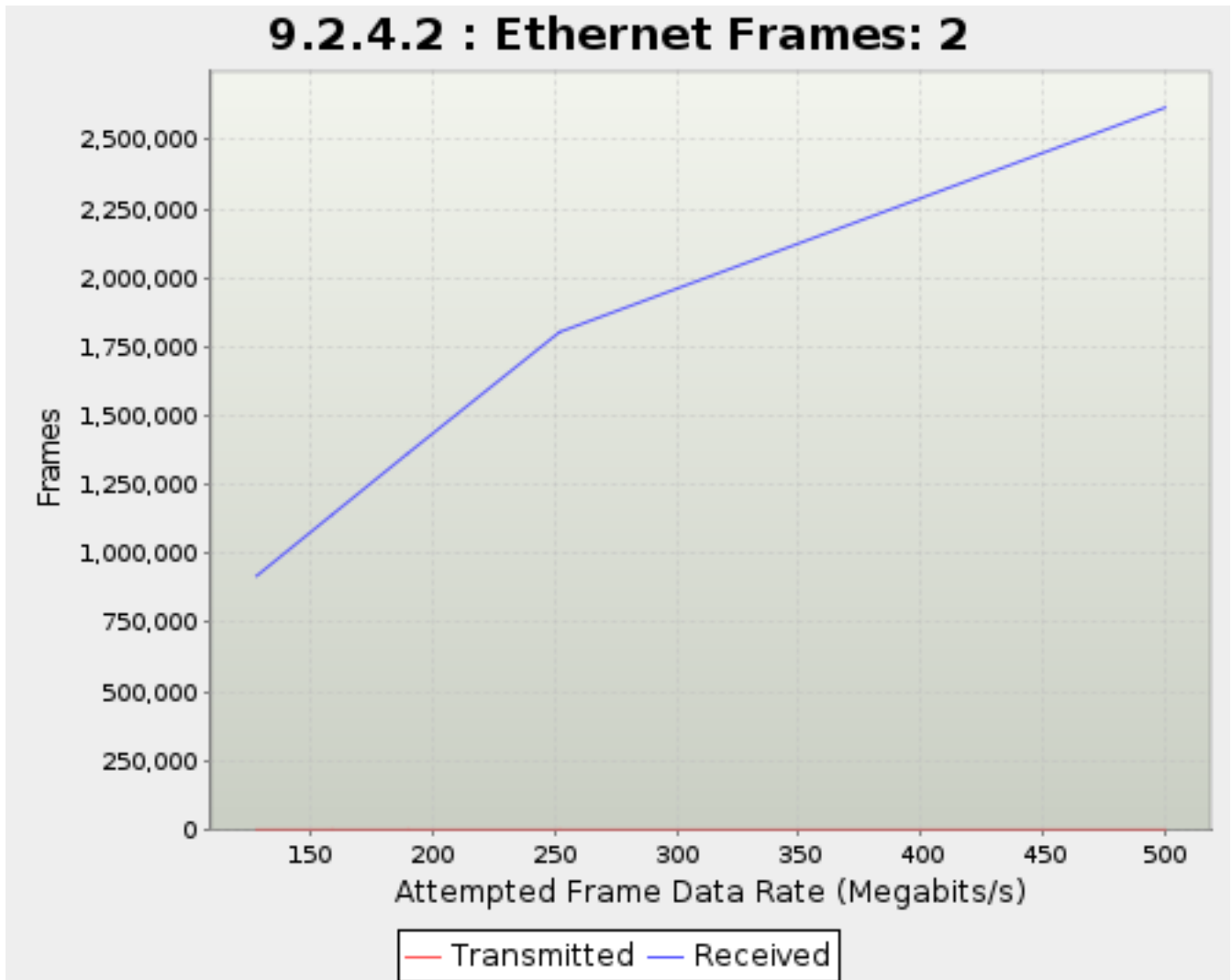
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.635	920,543	920,705 100.018%
159	63.786	1,143,208	1,143,339 100.011%
190	63.605	1,365,953	1,365,548 99.970%
252	63.726	1,811,428	1,804,690 99.628%
500	63.504	3,592,945	2,618,456 72.878%

9.2.4.1. Ethernet Frames: 1



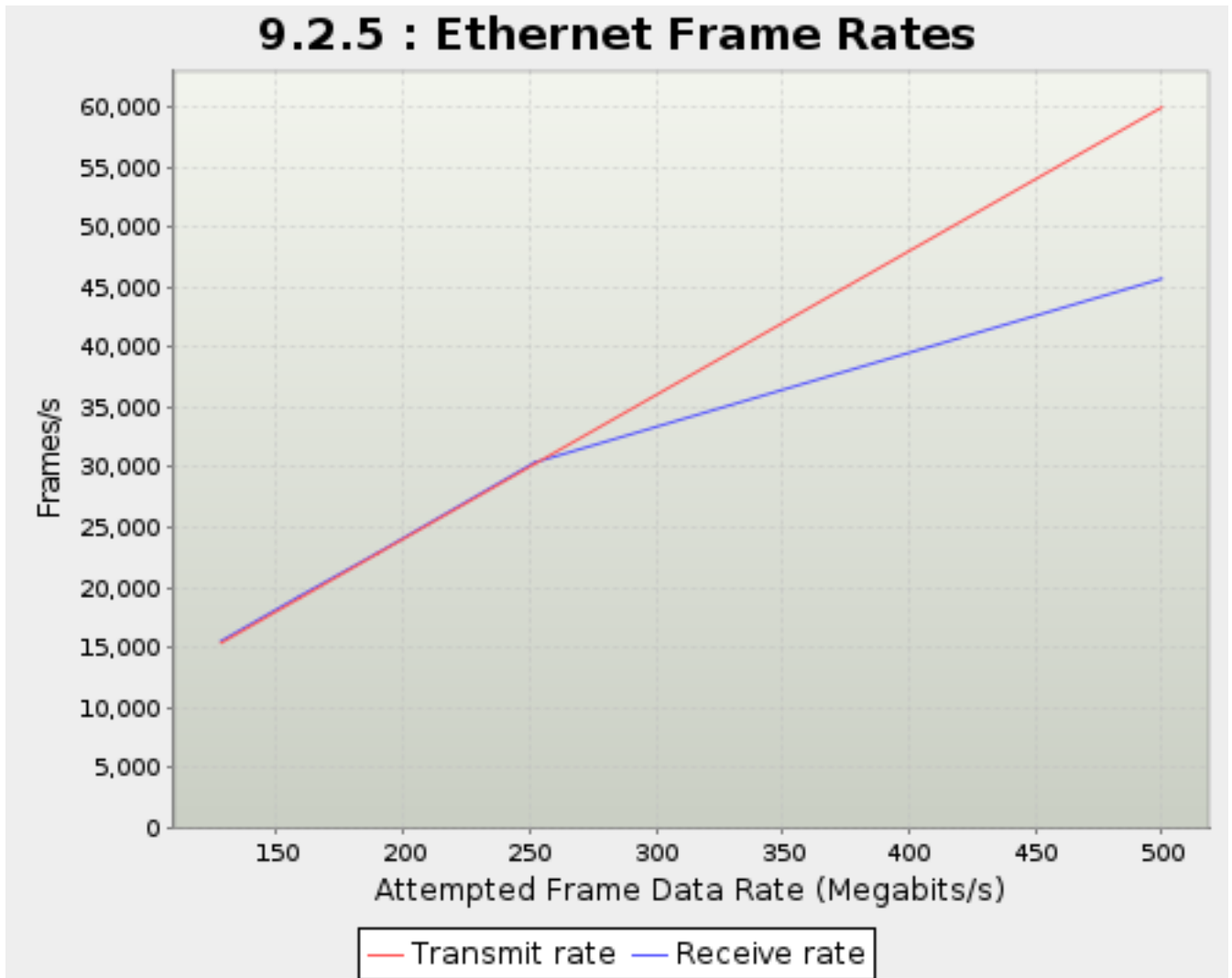
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.635	920,416	946 0.103%
159	63.786	1,143,144	948 0.083%
190	63.605	1,365,888	941 0.069%
252	63.726	1,811,363	1,089 0.060%
500	63.504	3,592,880	1,002 0.028%

9.2.4.2. Ethernet Frames: 2



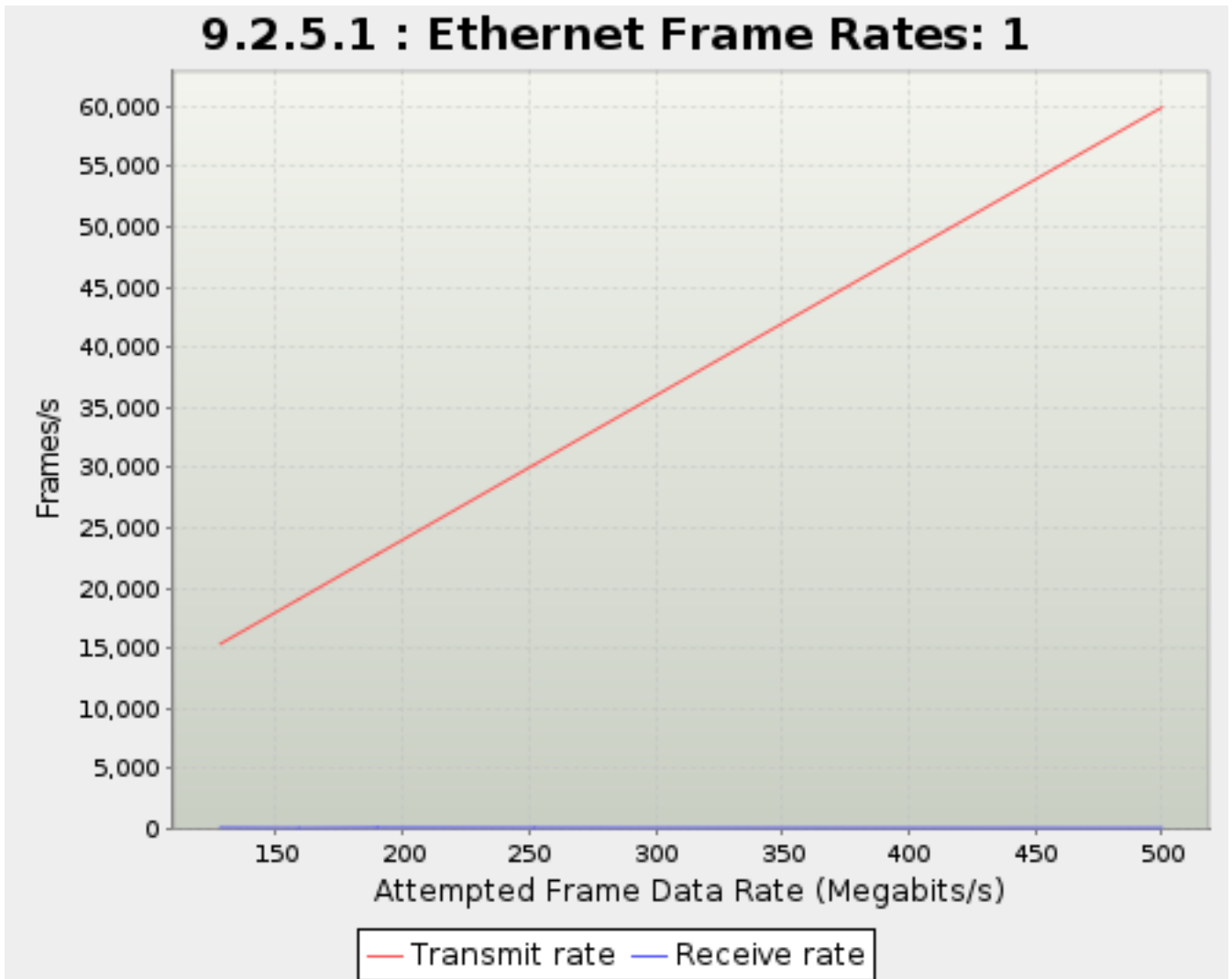
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.635	127	919,759 724219.685%
159	63.786	64	1,142,391 1784985.938%
190	63.605	65	1,364,607 2099395.385%
252	63.726	65	1,803,601 2774770.769%
500	63.504	65	2,617,454 4026852.308%

9.2.5. Ethernet Frame Rates



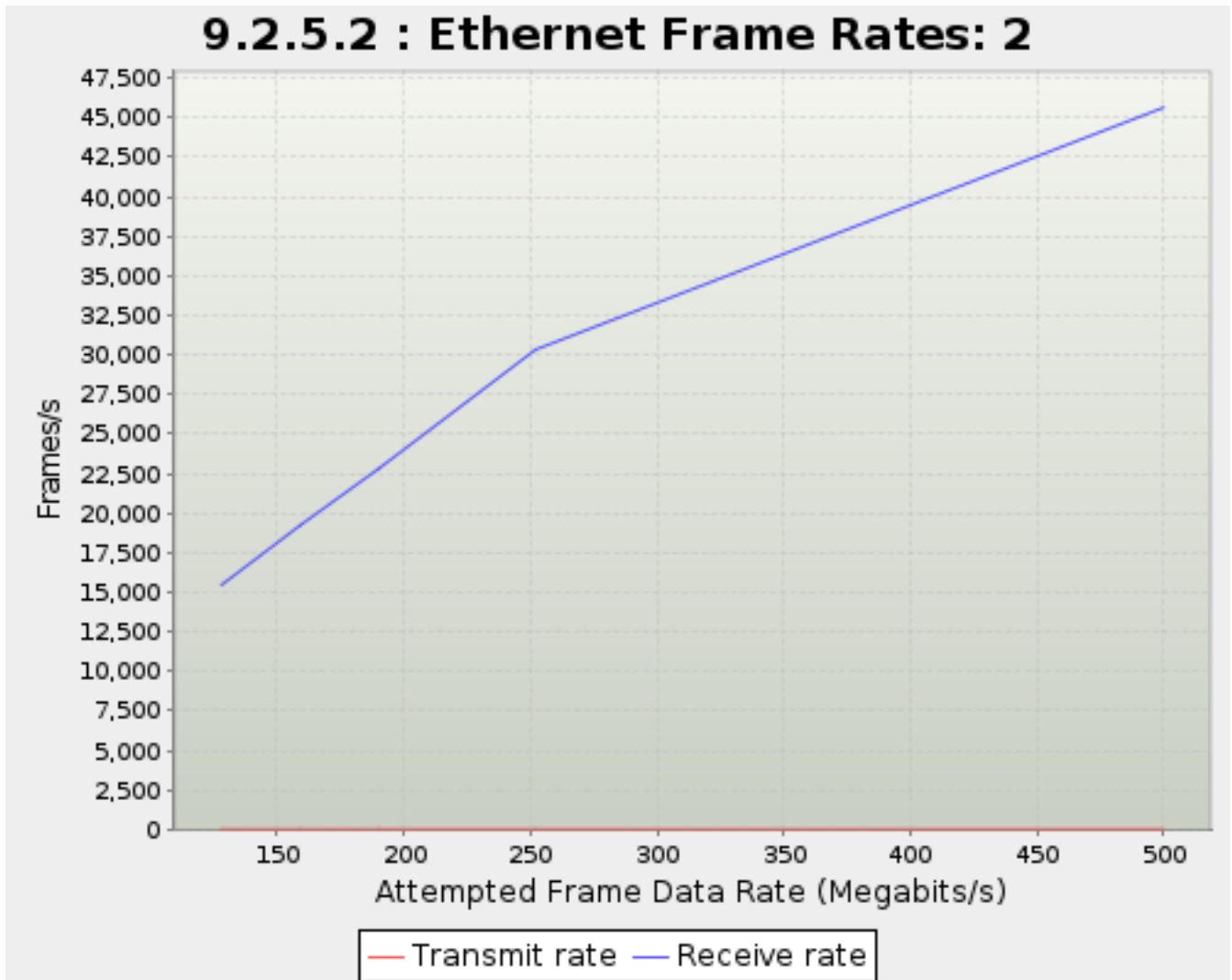
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
128	63.635	~15400	~15560
159	63.786	~19110	~19290
190	63.605	~22840	~22910
252	63.726	~30290	~30420
500	63.504	~59960	~45700

9.2.5.1. Ethernet Frame Rates: 1



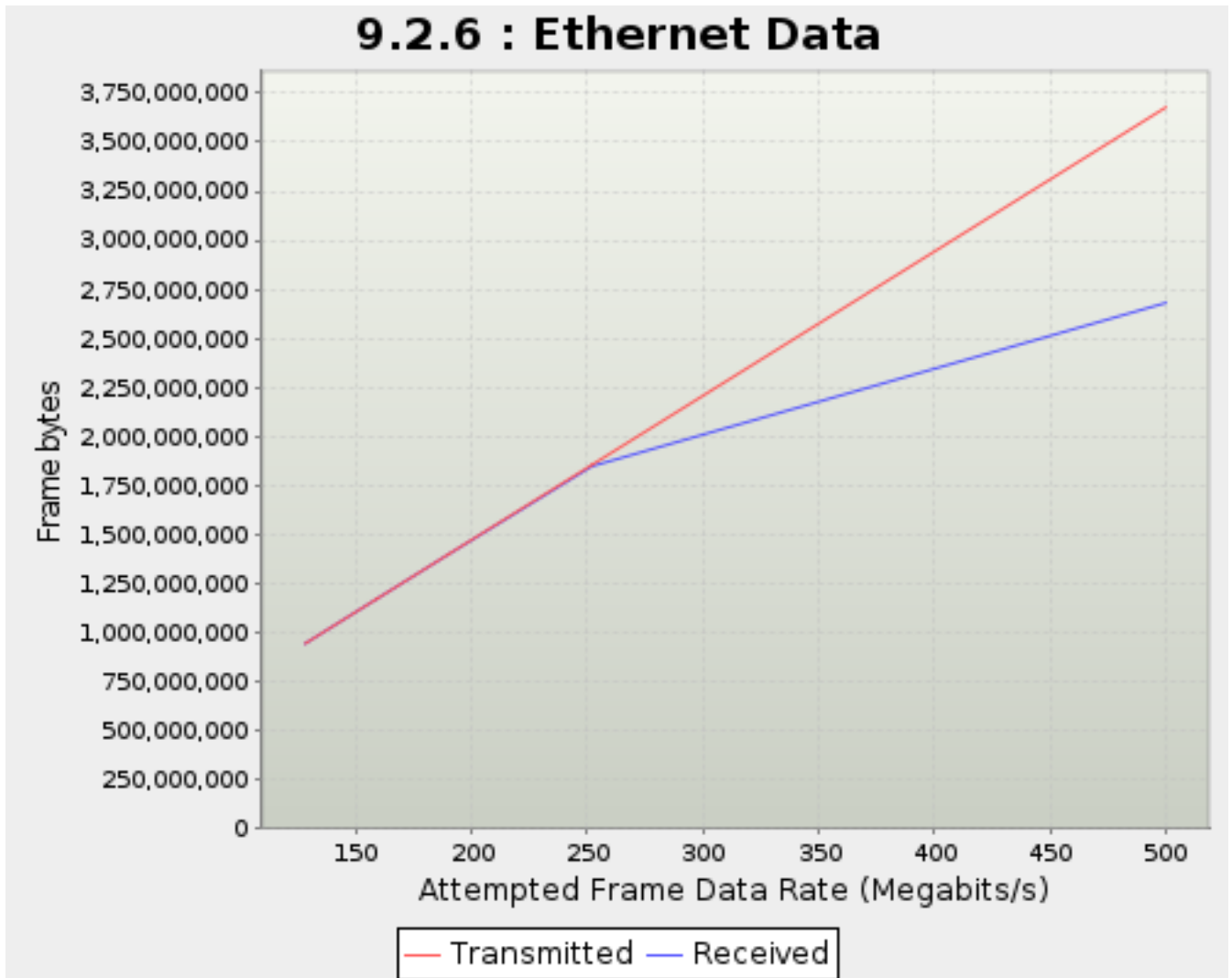
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
128	63.635	~15370	91.89
159	63.786	~19080	65.21
190	63.605	~22810	99.24
252	63.726	~30250	82.70
500	63.504	~59930	61.53

9.2.5.2. Ethernet Frame Rates: 2



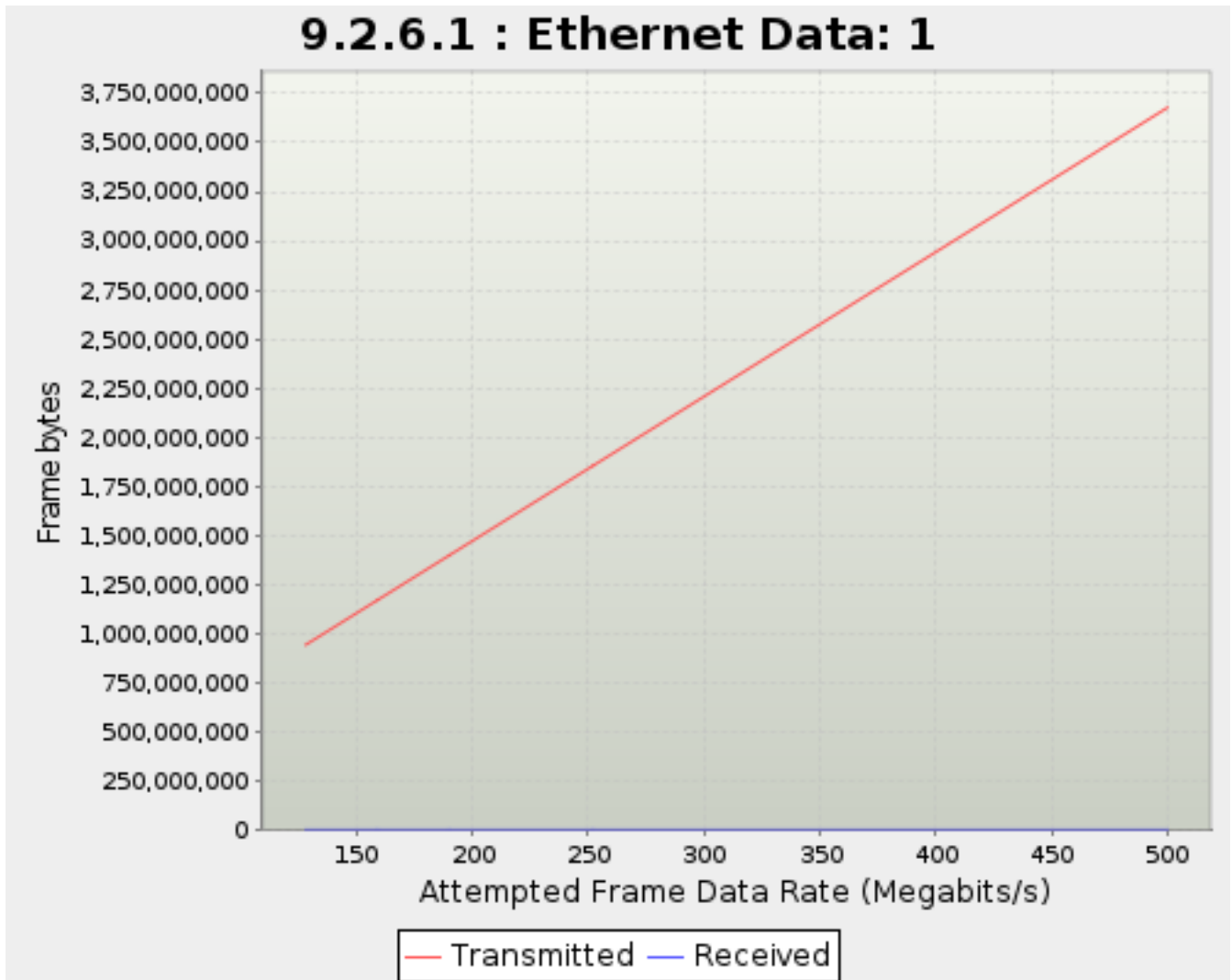
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.635	30.46	~15470
159	63.786	29.77	~19230
190	63.605	31.39	~22810
252	63.726	30.76	~30340
500	63.504	30.76	~45640

9.2.6. Ethernet Data



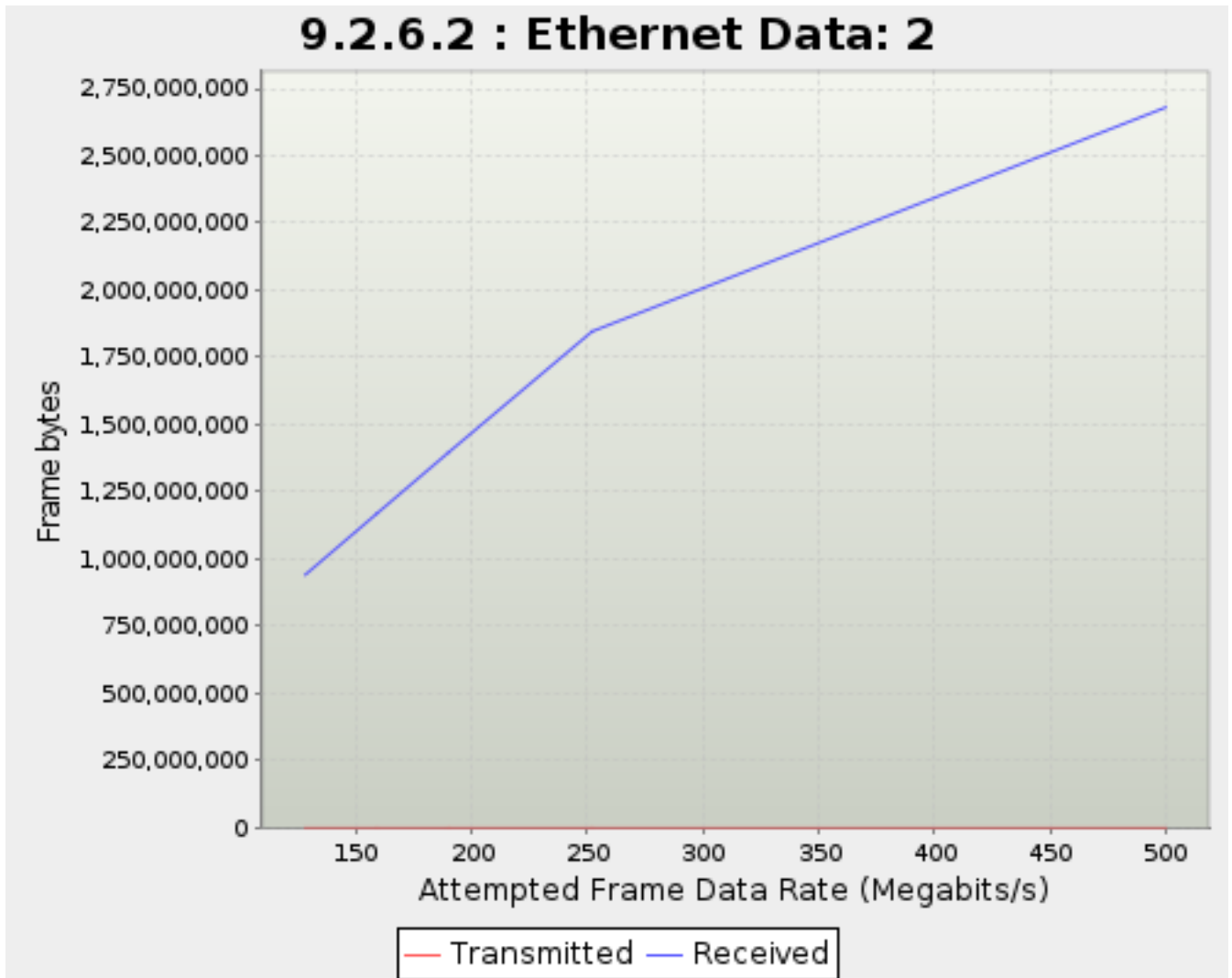
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.635	941,696,192	941,706,958 100.001%
159	63.786	1,169,757,952	1,169,741,801 99.999%
190	63.605	1,397,824,832	1,397,288,721 99.962%
252	63.726	1,853,900,032	1,846,829,862 99.619%
500	63.504	3,678,233,920	2,680,209,753 72.867%

9.2.6.1. Ethernet Data: 1



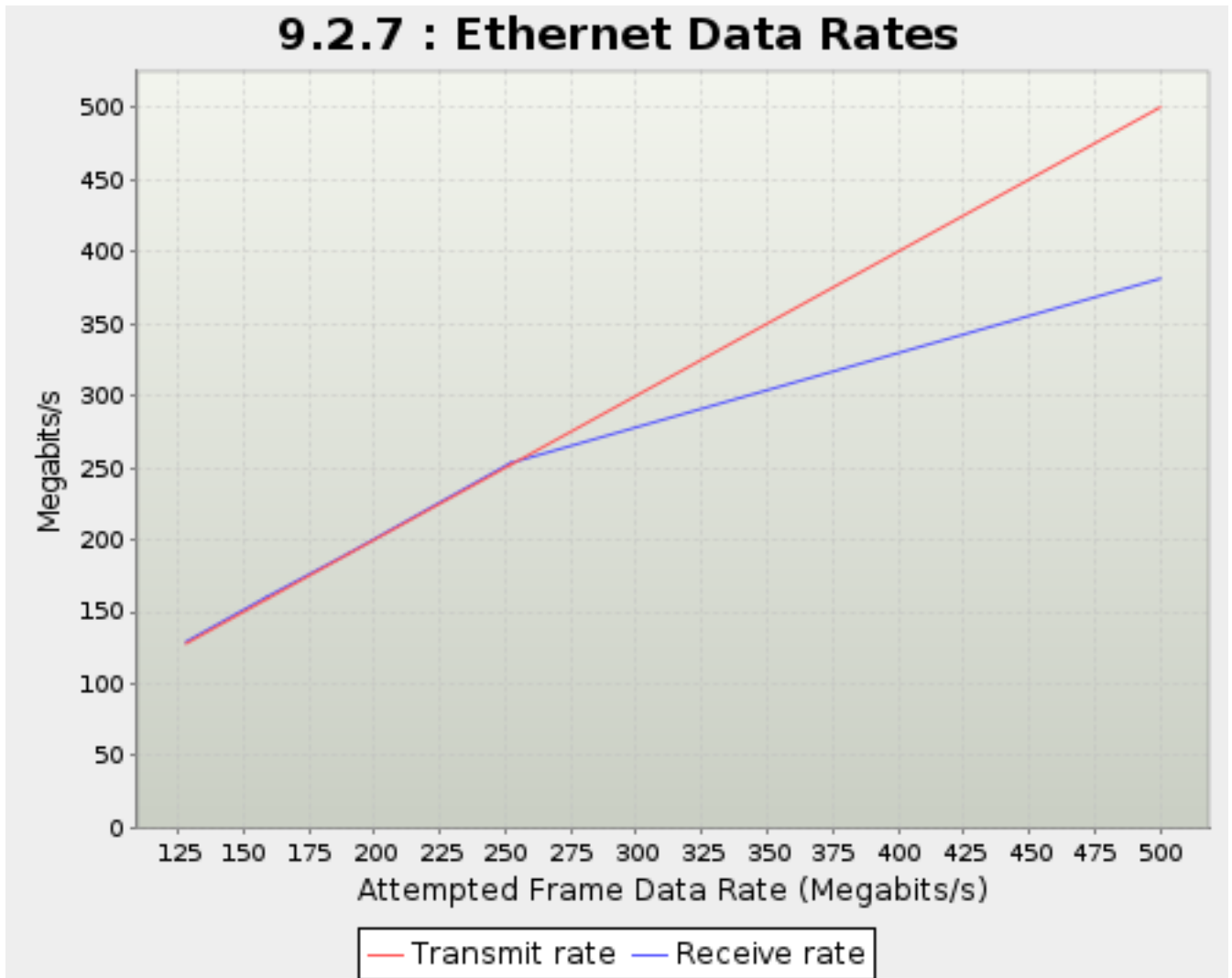
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.635	941,688,064	60,544 0.006%
159	63.786	1,169,753,856	60,672 0.005%
190	63.605	1,397,820,672	60,224 0.004%
252	63.726	1,853,895,872	69,696 0.004%
500	63.504	3,678,229,760	64,128 0.002%

9.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.635	8,128	941,646,414 11585216.708%
159	63.786	4,096	1,169,681,129 28556668.188%
190	63.605	4,160	1,397,228,497 33587223.486%
252	63.726	4,160	1,846,760,166 44393273.221%
500	63.504	4,160	2,680,145,625 64426577.524%

9.2.7. Ethernet Data Rates



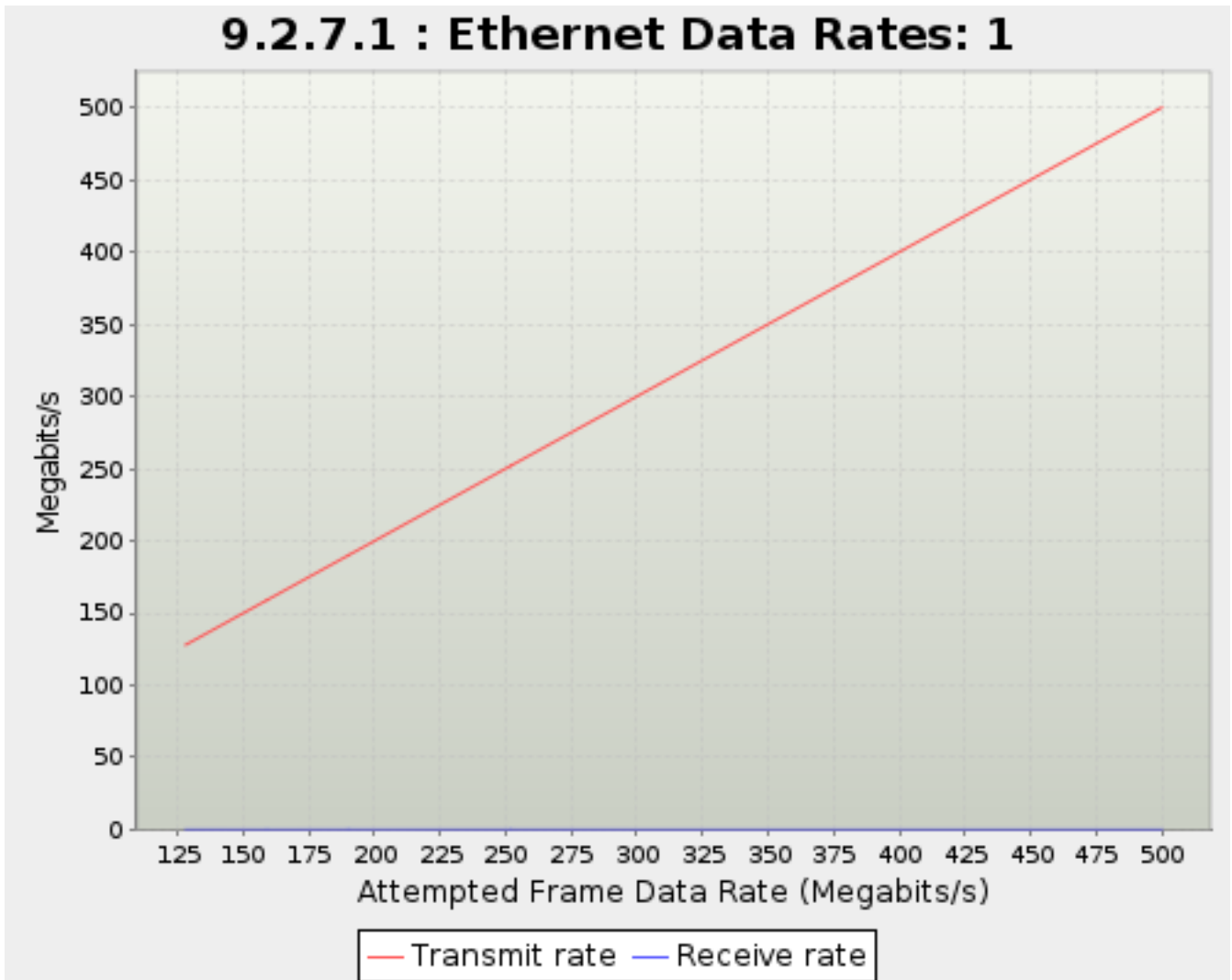
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.635	~128	129.3
159	63.786	~159	160.6
190	63.605	190.1	190.6
252	63.726	252.1	253.4
500	63.504	500.1	381.2

9.2.7.1. Ethernet Data Rates: 1



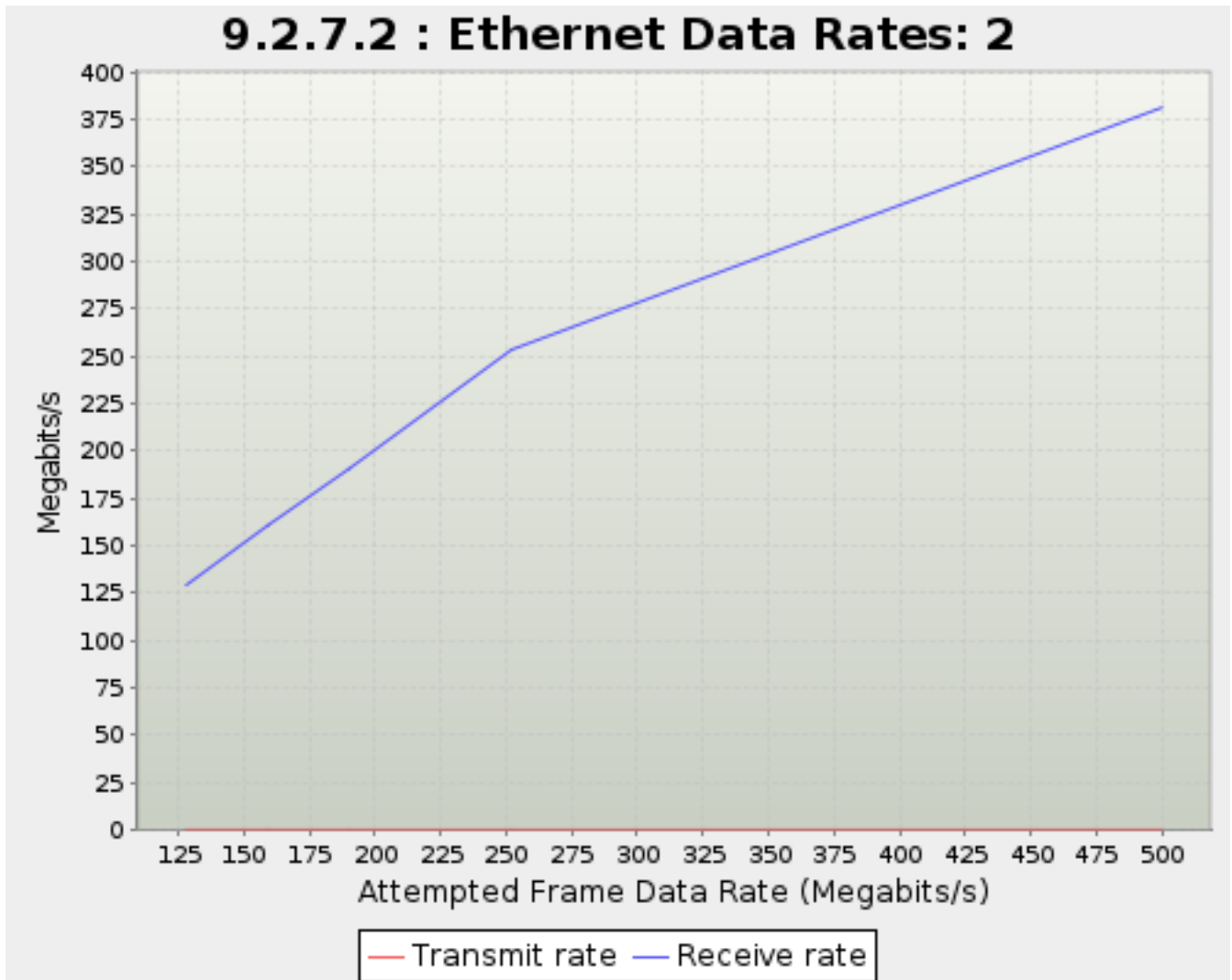
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.635	~128	0.06175
159	63.786	~159	0.04382
190	63.605	~190	0.06669
252	63.726	252.1	0.05557
500	63.504	~500	0.04135

9.2.7.2. Ethernet Data Rates: 2



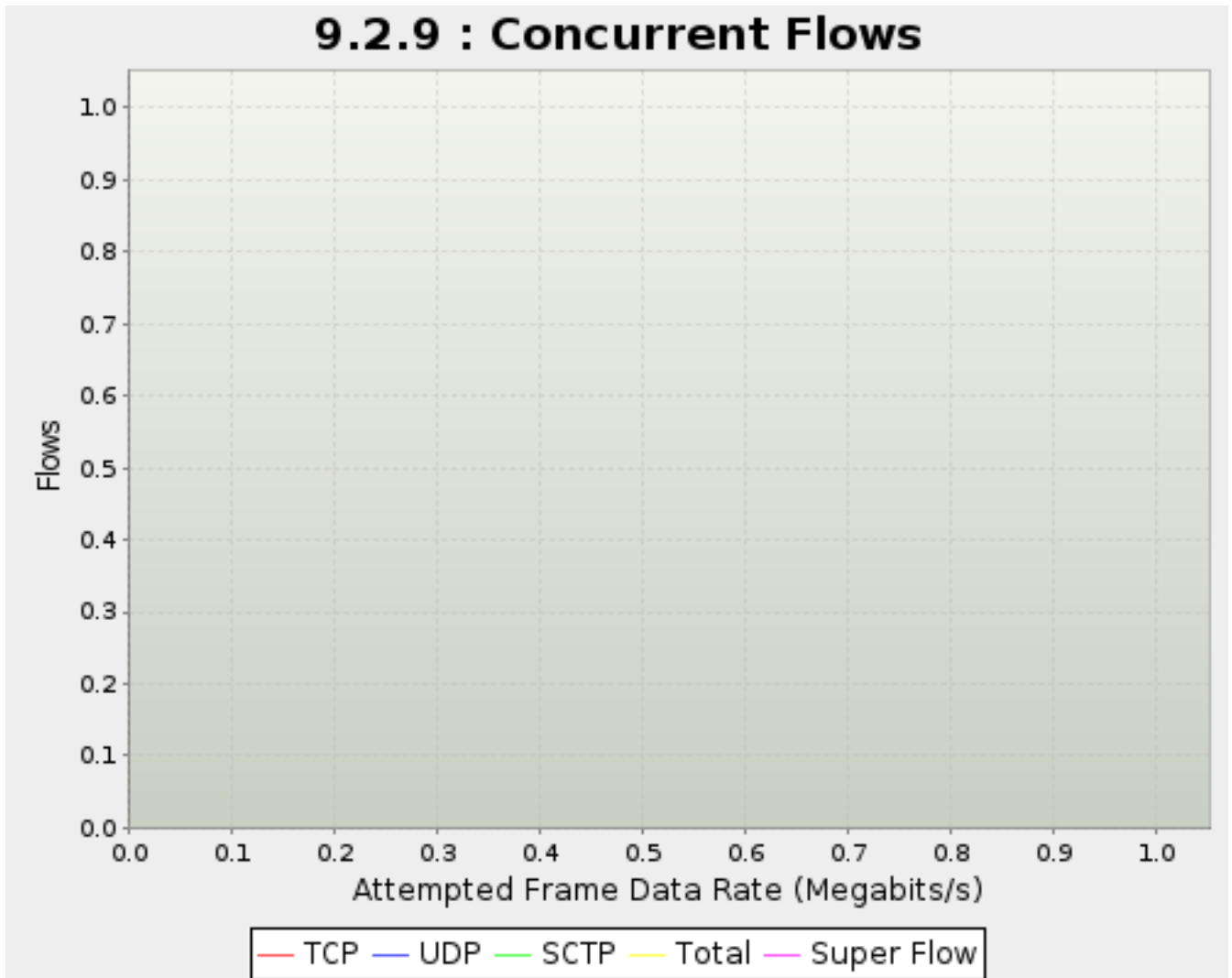
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

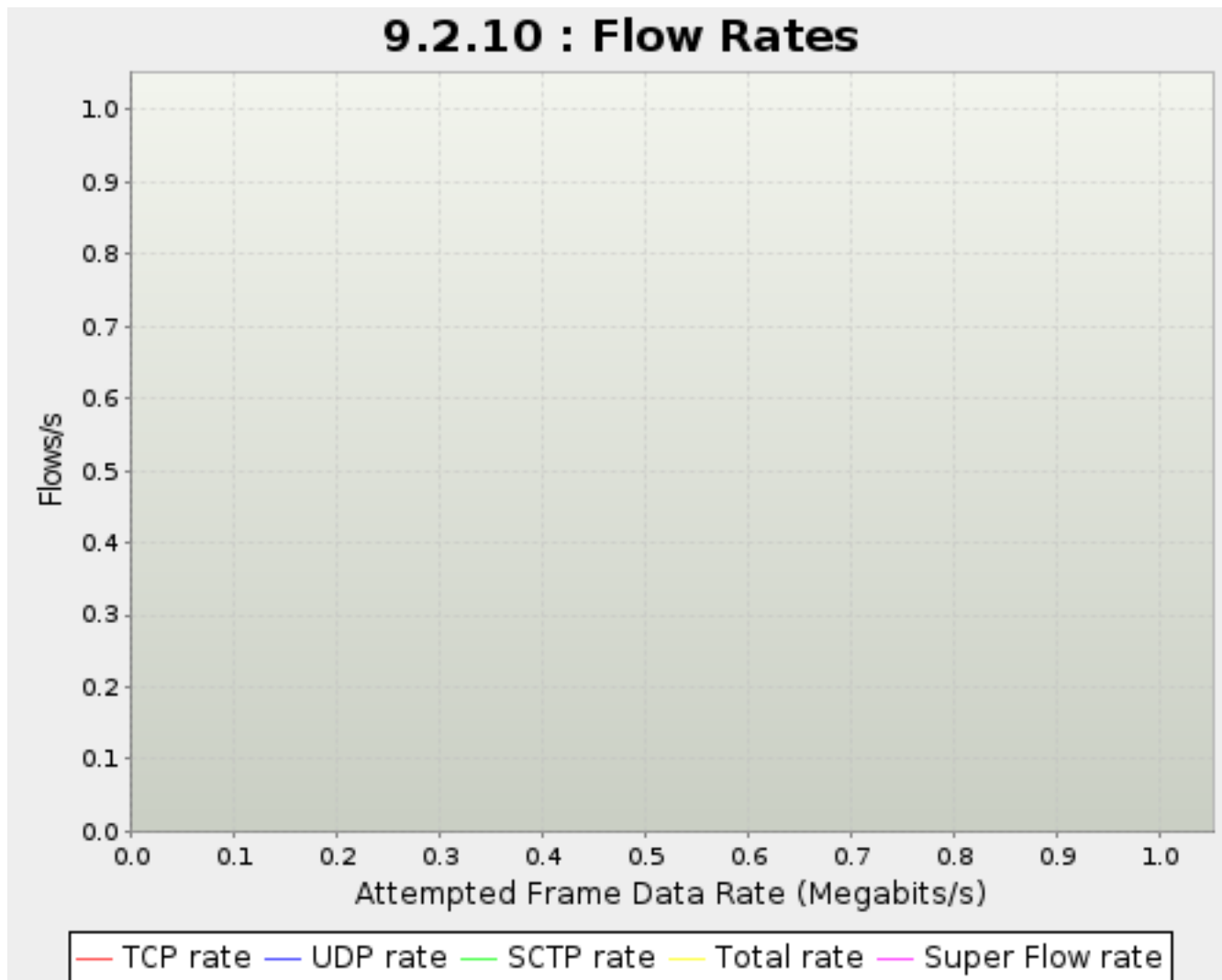
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.635	0.02047	129.2
159	63.786	0.02001	160.6
190	63.605	0.02110	190.5
252	63.726	0.02067	253.4
500	63.504	0.02067	381.2

9.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
128	63.362	0	0	0	0	0
159	63.445	0	0	0	0	0
190	63.357	0	0	0	0	0
252	63.436	0	0	0	0	0
500	63.263	0	0	0	0	0

9.2.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	Sctp rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
128	63.362	0.00	0.00	0.00	0.00	0.00
159	63.445	0.00	0.00	0.00	0.00	0.00
190	63.357	0.00	0.00	0.00	0.00	0.00
252	63.436	0.00	0.00	0.00	0.00	0.00
500	63.263	0.00	0.00	0.00	0.00	0.00

9.2.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		10.201.0.0/16	10.201.0.254	up
128	0		192.168.0.0/16	192.168.0.1	up
159	0		10.201.0.0/16	10.201.0.254	up
159	0		192.168.0.0/16	192.168.0.1	up
190	0		192.168.0.0/16	192.168.0.1	up
190	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
252	0		192.168.0.0/16	192.168.0.1	up
500	0		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	up

9.2.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		192.168.0.0/16	192.168.0.1	up
159	0		192.168.0.0/16	192.168.0.1	up
190	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	0		192.168.0.0/16	192.168.0.1	up

9.2.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		10.201.0.0/16	10.201.0.254	up
159	0		10.201.0.0/16	10.201.0.254	up
190	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		10.201.0.0/16	10.201.0.254	up

9.2.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.631	6	6	1,021	973	0	48	0	0
159	63.790	6	6	1,023	918	0	105	0	0
190	63.614	6	6	1,016	943	0	73	0	0
252	63.726	6	6	1,103	1,038	0	65	0	0
500	63.510	6	6	1,015	975	0	40	0	0

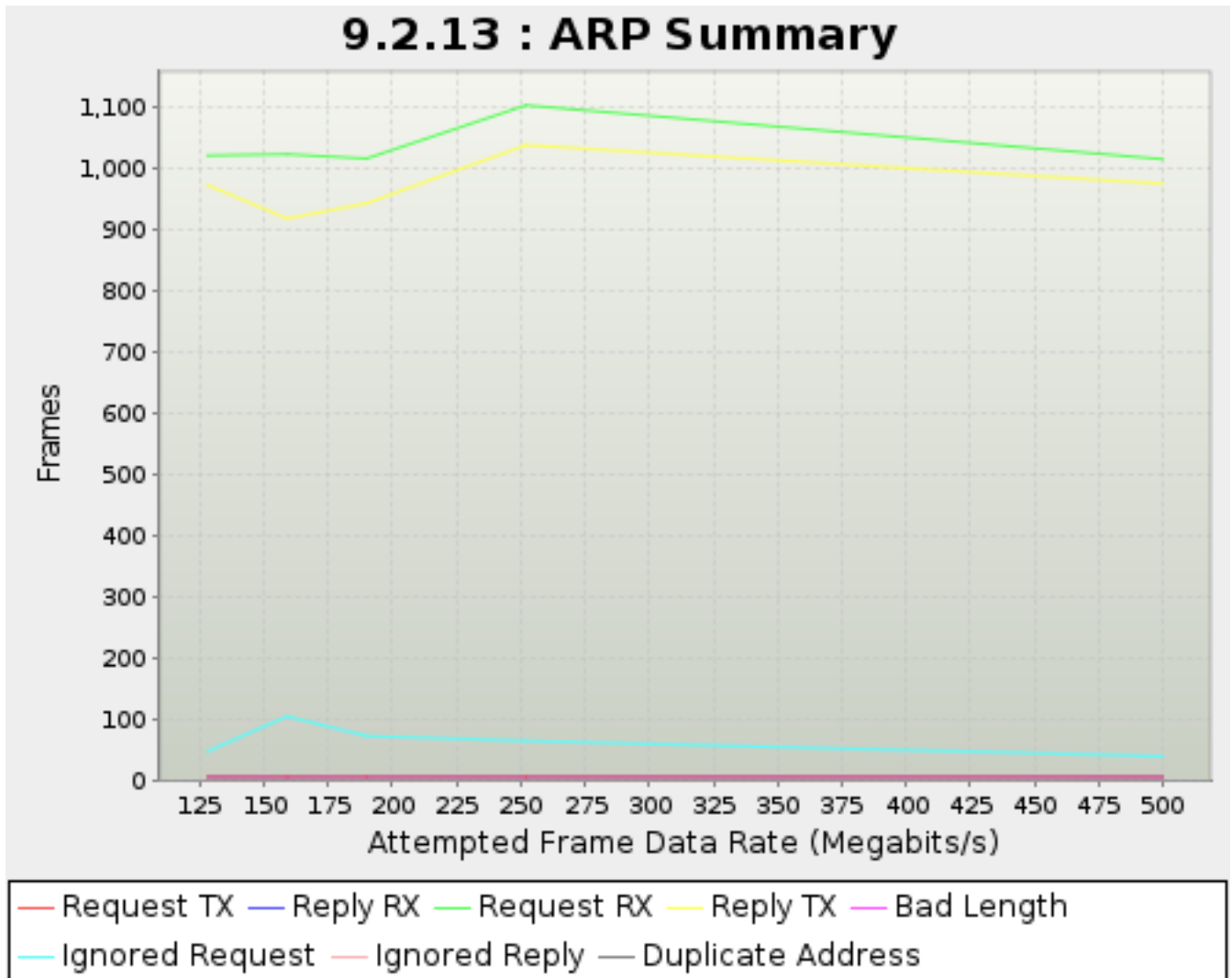
9.2.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.631	3	3	881	849	0	32	0	0
159	63.790	3	3	945	857	0	88	0	0
190	63.614	3	3	938	881	0	57	0	0
252	63.726	3	3	1,024	976	0	48	0	0
500	63.510	3	3	937	913	0	24	0	0

9.2.12.2. ARP: 2

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.631	3	3	140	124	0	16	0	0
159	63.790	3	3	78	61	0	17	0	0
190	63.614	3	3	78	62	0	16	0	0
252	63.726	3	3	79	62	0	17	0	0
500	63.510	3	3	78	62	0	16	0	0

9.2.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Frames</i>							
128	6	6	1,021	973	0	48	0	0
159	6	6	1,023	918	0	105	0	0
190	6	6	1,016	943	0	73	0	0
252	6	6	1,103	1,038	0	65	0	0
500	6	6	1,015	975	0	40	0	0

9.2.16. Slot 1 NP np1-0 statistics

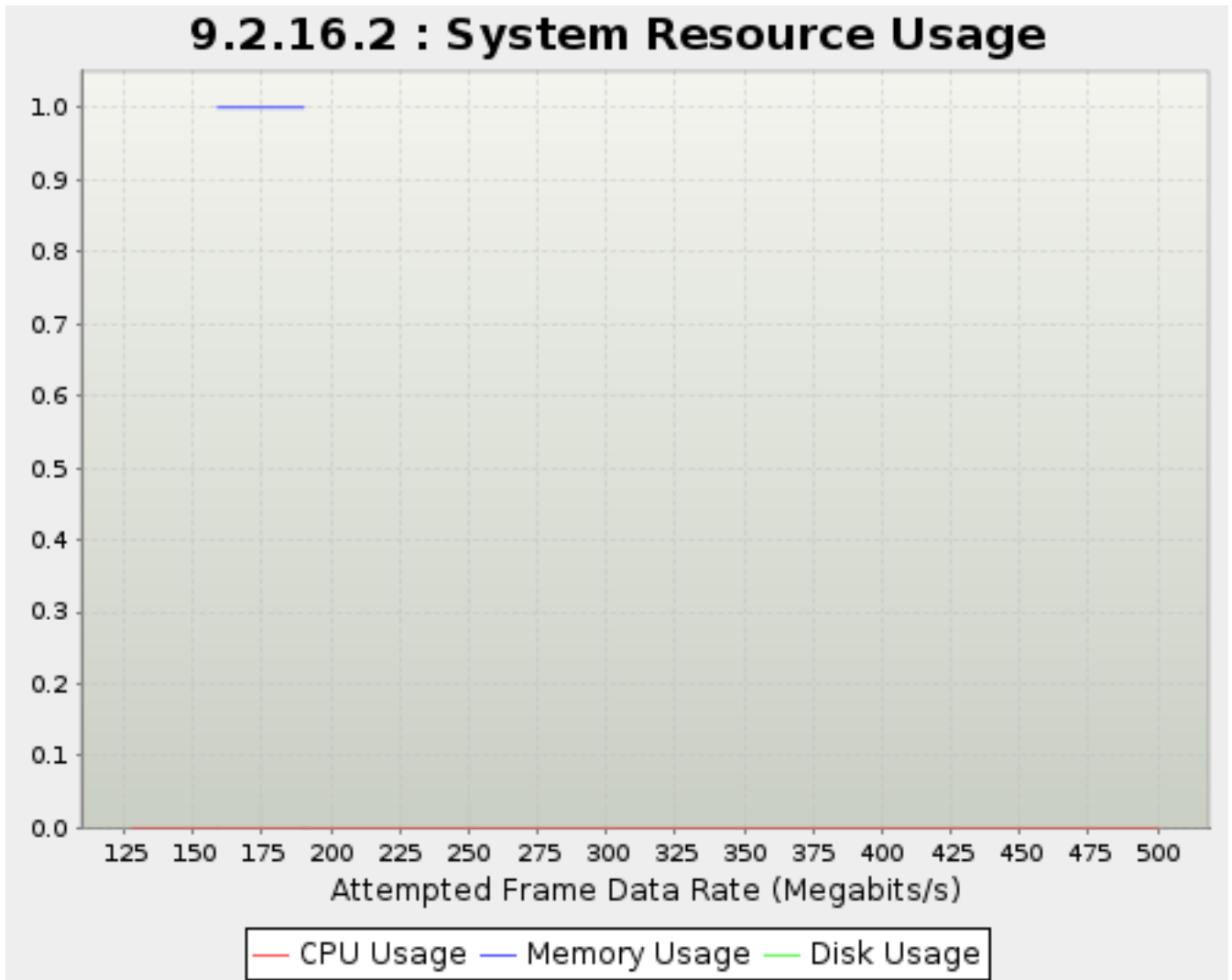
9.2.16.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

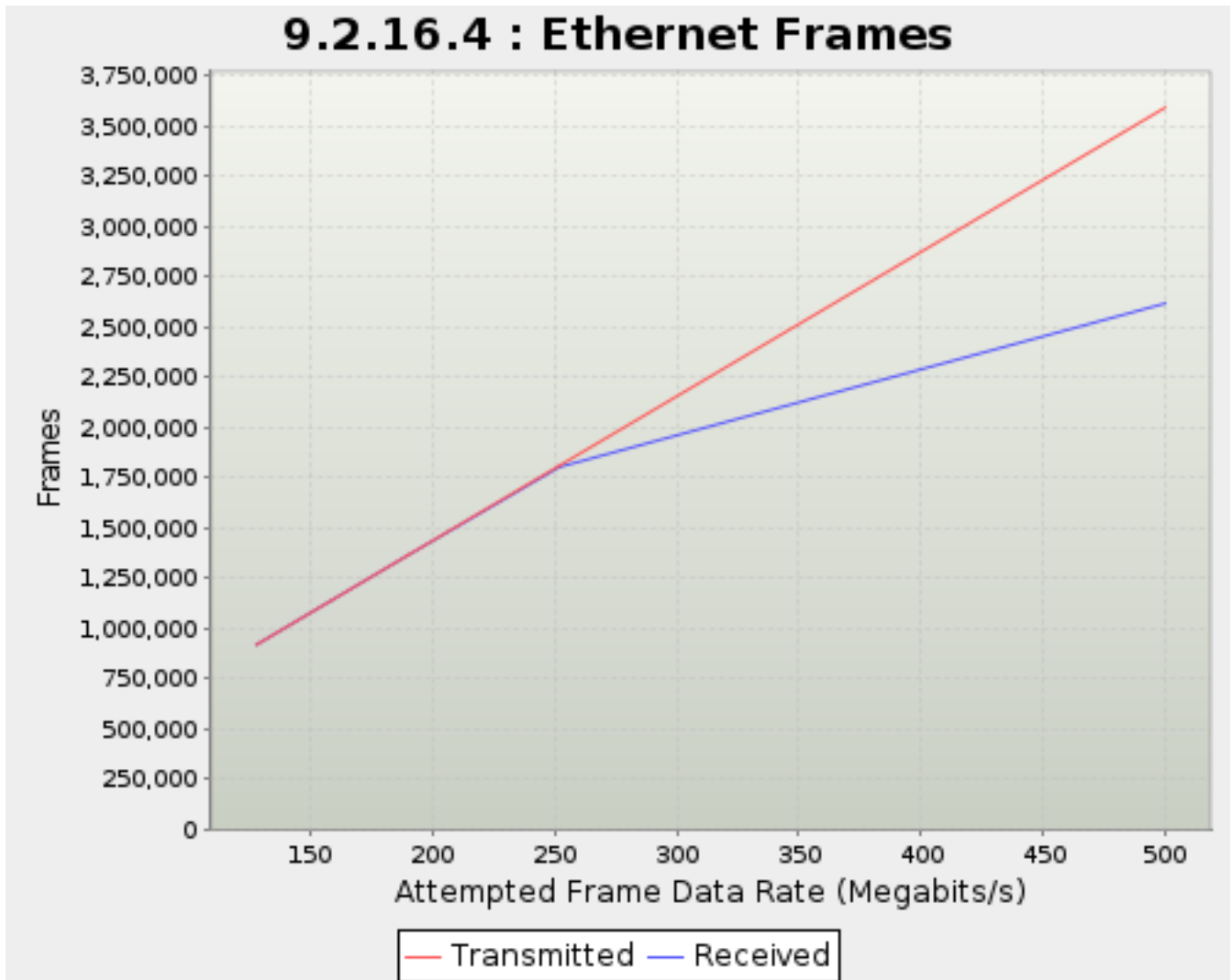
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0

9.2.16.2. System Resource Usage



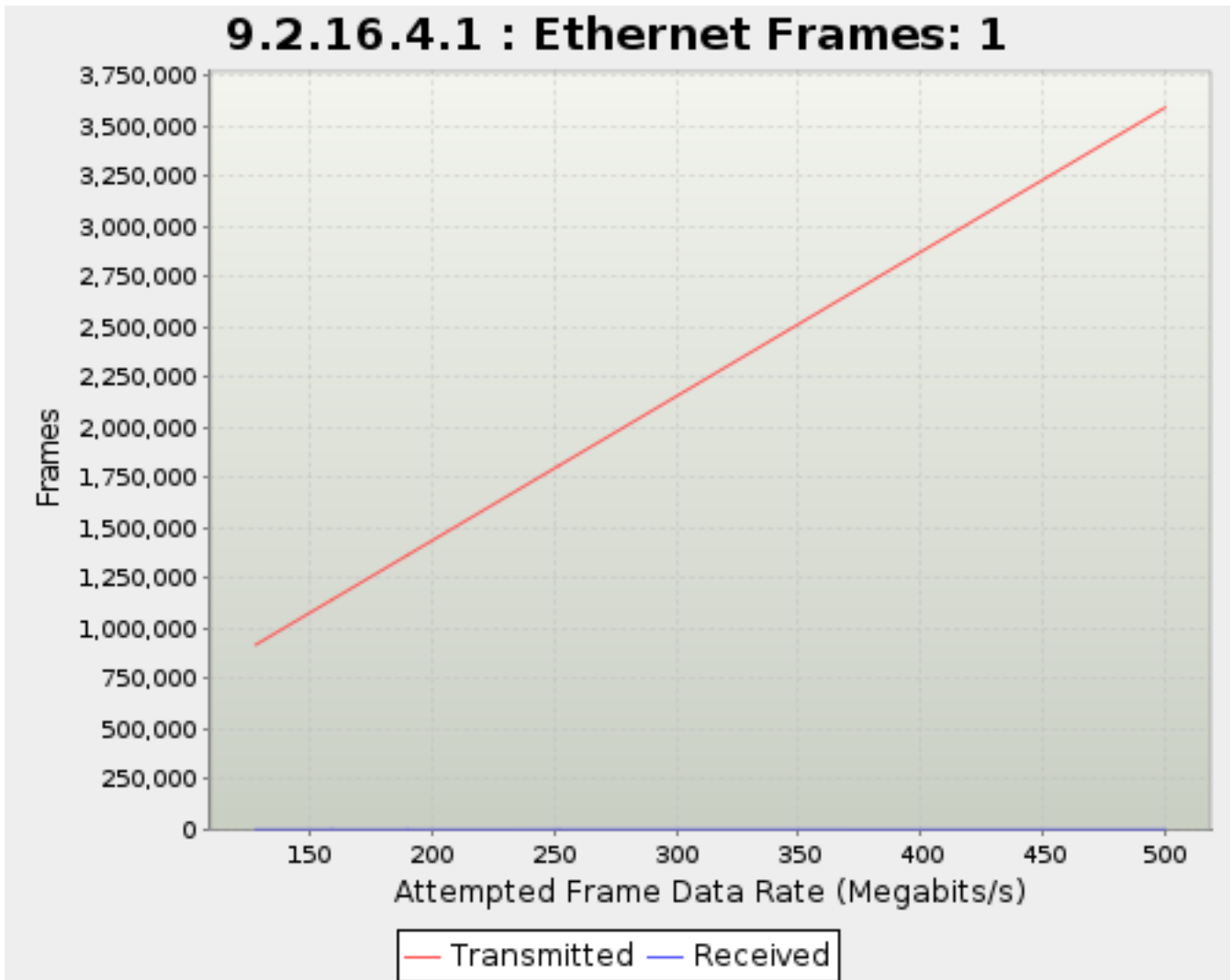
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	63.631	0	0	0
159	63.790	0	1	0
190	63.614	0	1	0
252	63.726	0	0	0
500	63.510	0	0	0

9.2.16.4. Ethernet Frames



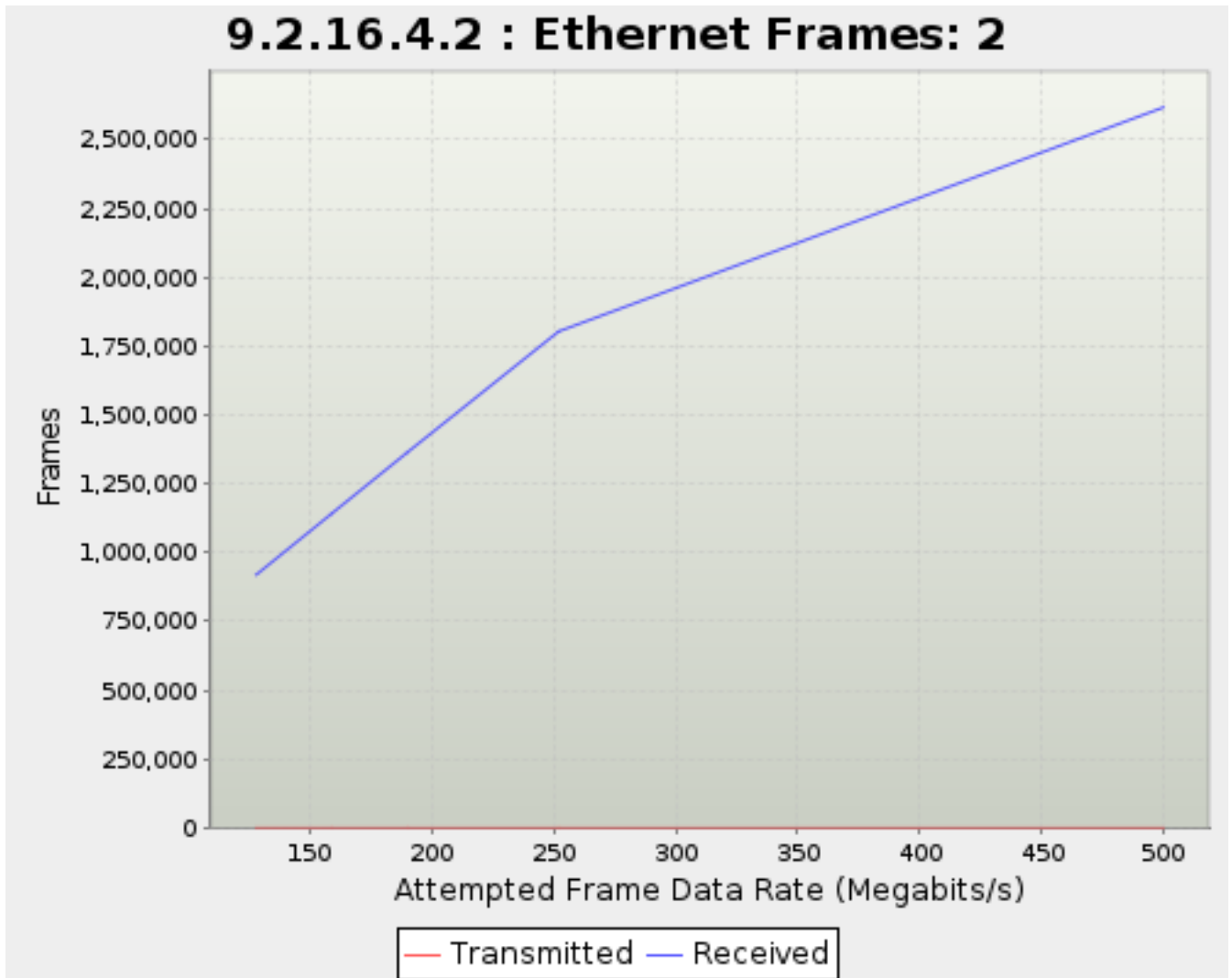
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.635	920,543	920,705 100.018%
159	63.786	1,143,208	1,143,339 100.011%
190	63.605	1,365,953	1,365,548 99.970%
252	63.726	1,811,428	1,804,690 99.628%
500	63.504	3,592,945	2,618,456 72.878%

9.2.16.4.1. Ethernet Frames: 1



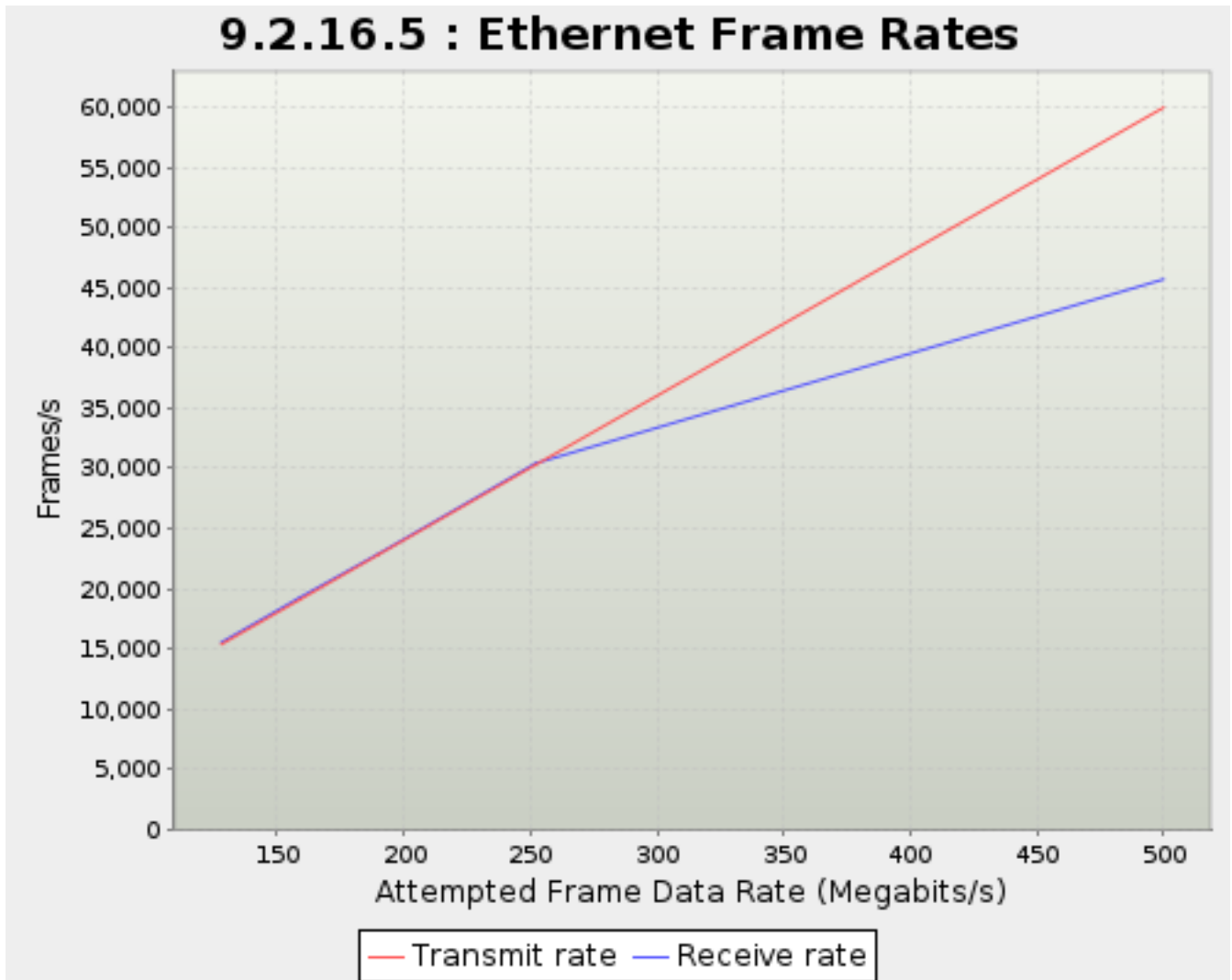
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.635	920,416	946 0.103%
159	63.786	1,143,144	948 0.083%
190	63.605	1,365,888	941 0.069%
252	63.726	1,811,363	1,089 0.060%
500	63.504	3,592,880	1,002 0.028%

9.2.16.4.2. Ethernet Frames: 2



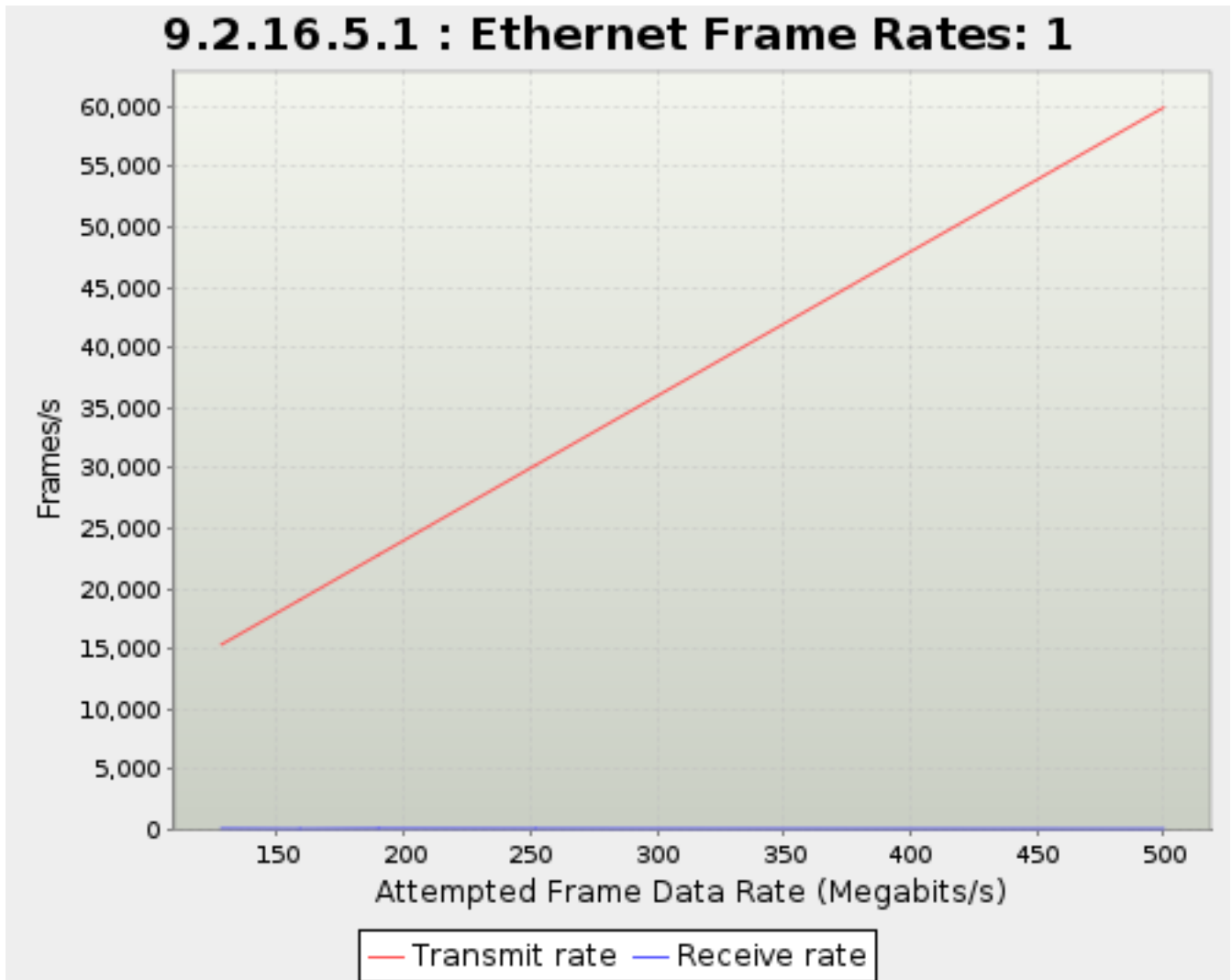
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.635	127	919,759 724219.685%
159	63.786	64	1,142,391 1784985.938%
190	63.605	65	1,364,607 2099395.385%
252	63.726	65	1,803,601 2774770.769%
500	63.504	65	2,617,454 4026852.308%

9.2.16.5. Ethernet Frame Rates



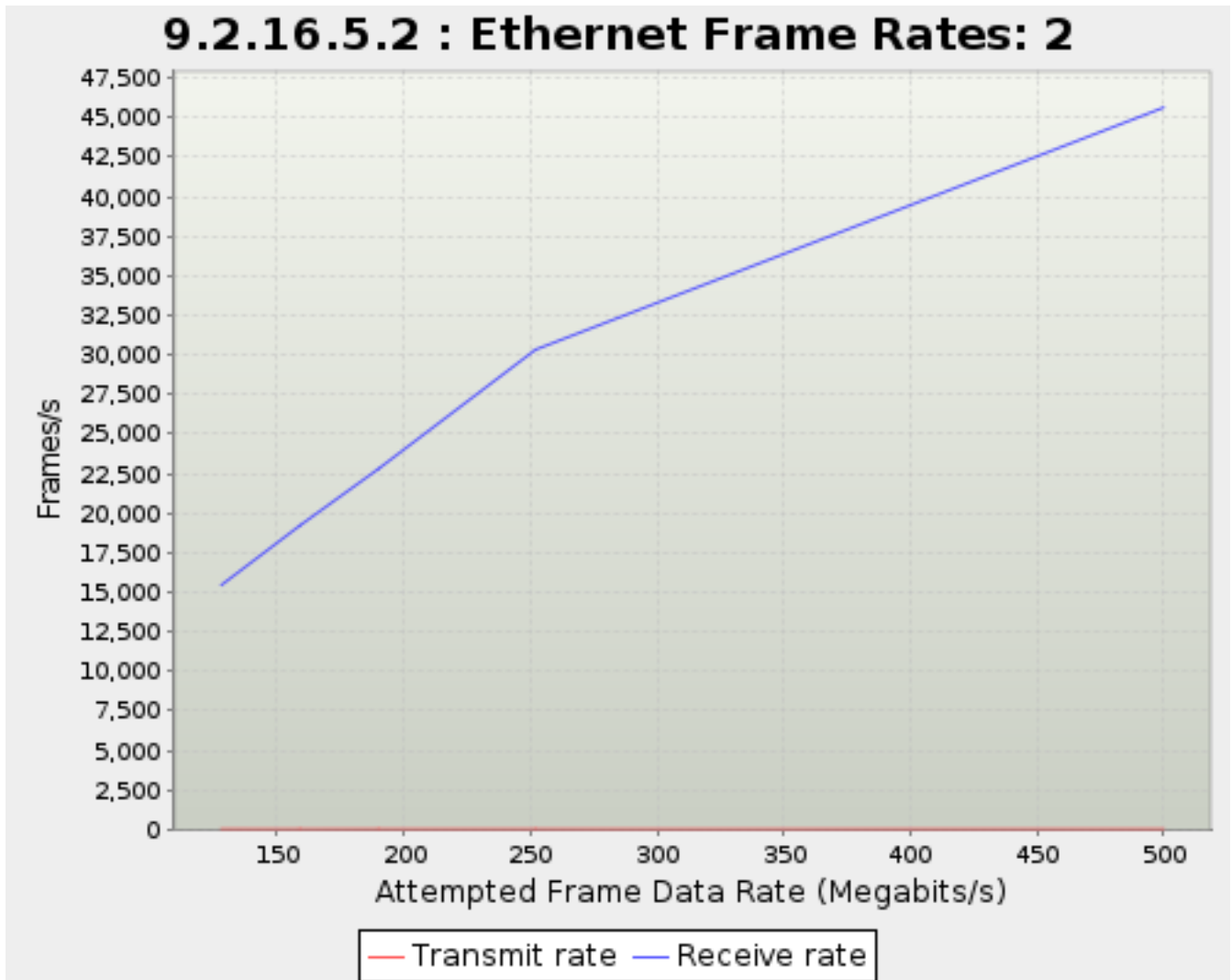
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.635	~15400	~15560
159	63.786	~19110	~19290
190	63.605	~22840	~22910
252	63.726	~30290	~30420
500	63.504	~59960	~45700

9.2.16.5.1. Ethernet Frame Rates: 1



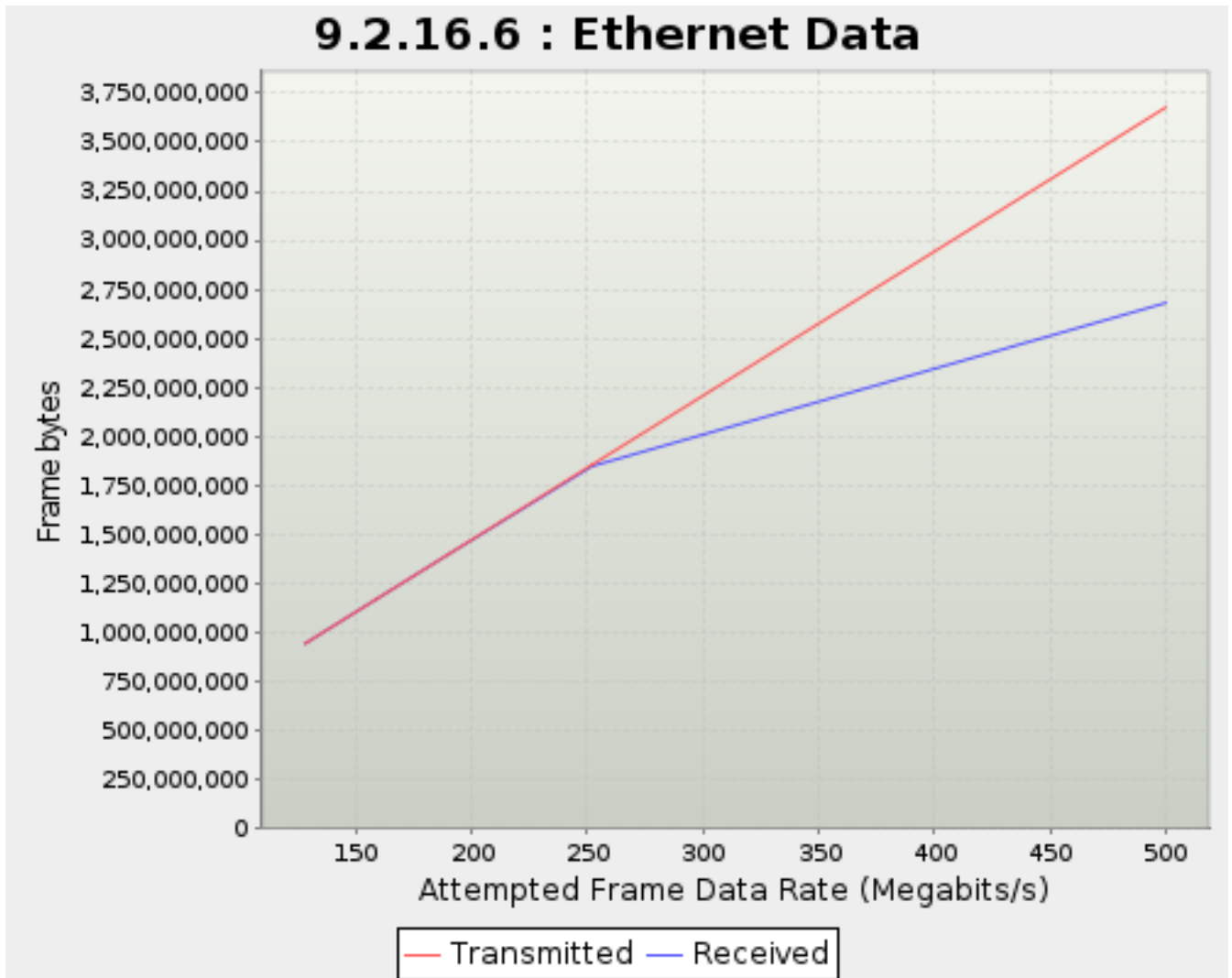
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.635	~15370	91.89
159	63.786	~19080	65.21
190	63.605	~22810	99.24
252	63.726	~30250	82.70
500	63.504	~59930	61.53

9.2.16.5.2. Ethernet Frame Rates: 2



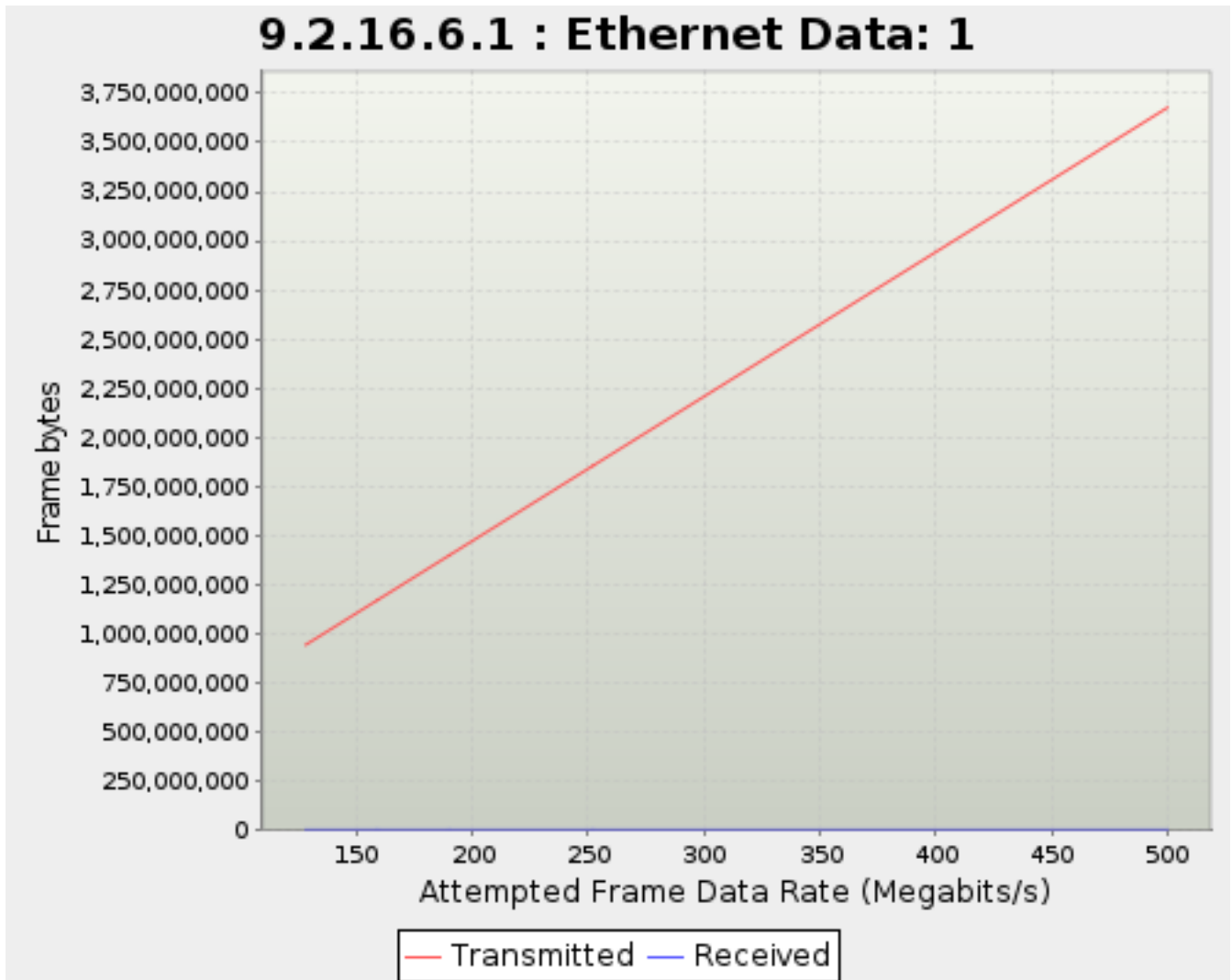
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.635	30.46	~15470
159	63.786	29.77	~19230
190	63.605	31.39	~22810
252	63.726	30.76	~30340
500	63.504	30.76	~45640

9.2.16.6. Ethernet Data



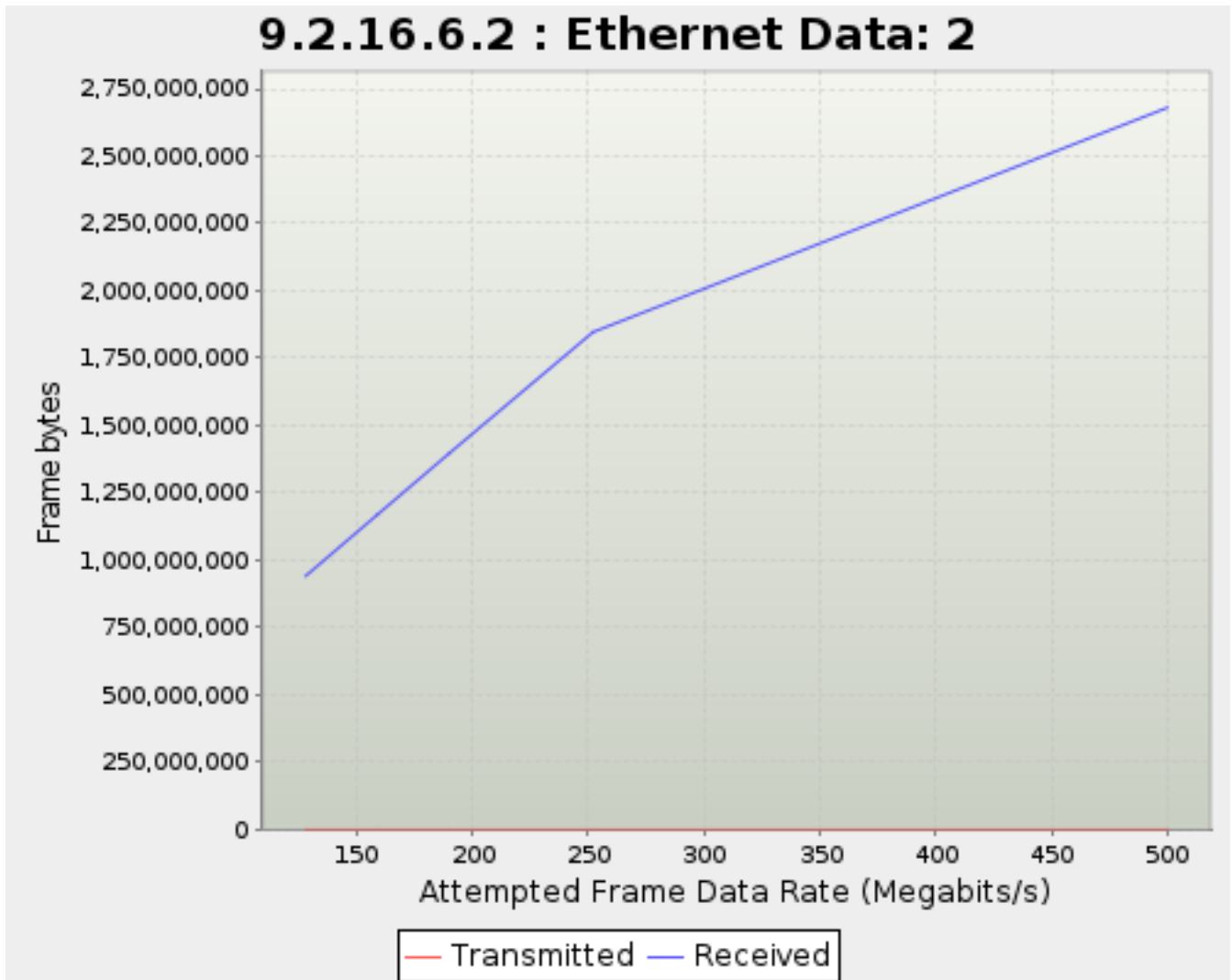
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.635	941,696,192	941,706,958 100.001%
159	63.786	1,169,757,952	1,169,741,801 99.999%
190	63.605	1,397,824,832	1,397,288,721 99.962%
252	63.726	1,853,900,032	1,846,829,862 99.619%
500	63.504	3,678,233,920	2,680,209,753 72.867%

9.2.16.6.1. Ethernet Data: 1



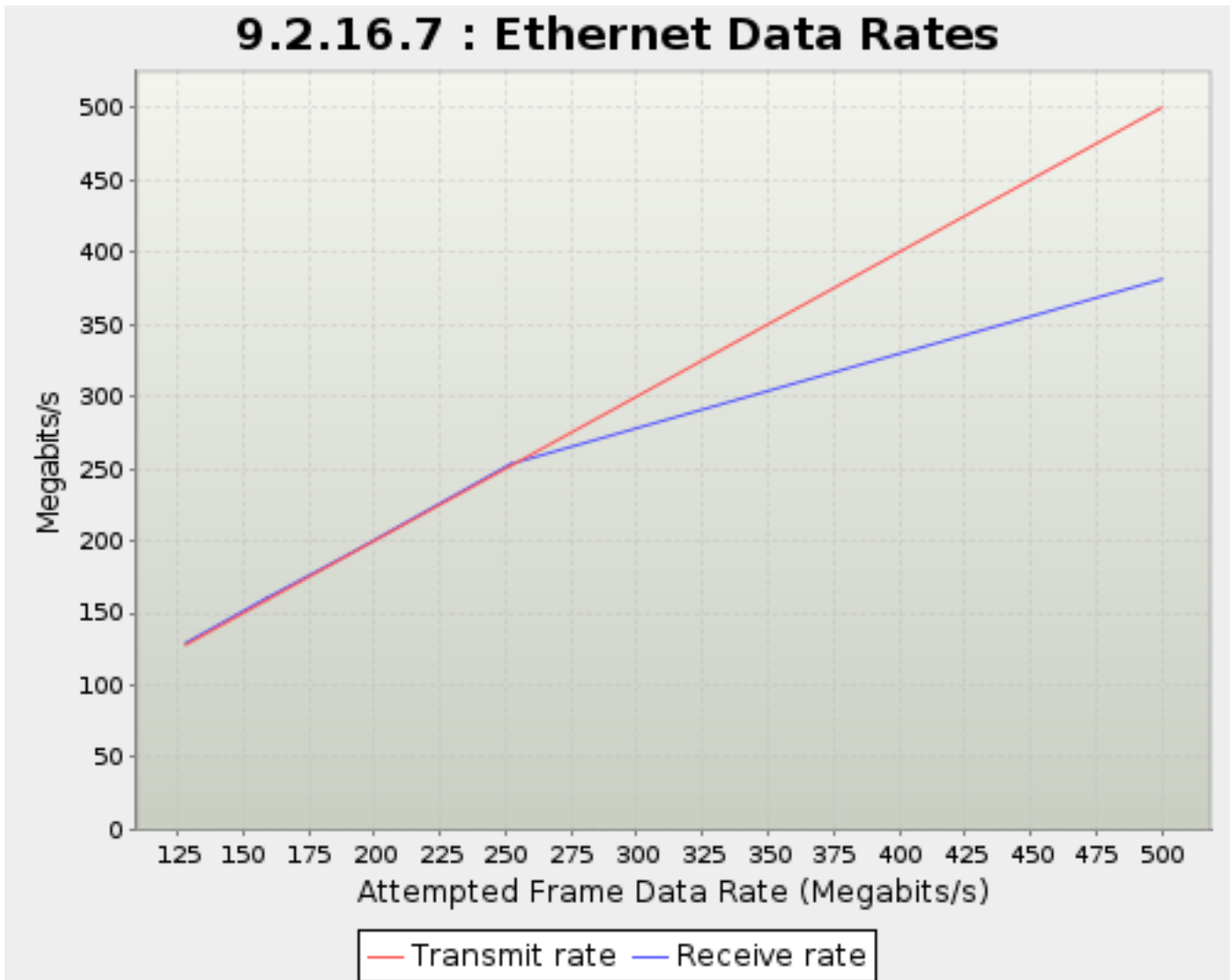
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.635	941,688,064	60,544 0.006%
159	63.786	1,169,753,856	60,672 0.005%
190	63.605	1,397,820,672	60,224 0.004%
252	63.726	1,853,895,872	69,696 0.004%
500	63.504	3,678,229,760	64,128 0.002%

9.2.16.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.635	8,128	941,646,414 11585216.708%
159	63.786	4,096	1,169,681,129 28556668.188%
190	63.605	4,160	1,397,228,497 33587223.486%
252	63.726	4,160	1,846,760,166 44393273.221%
500	63.504	4,160	2,680,145,625 64426577.524%

9.2.16.7. Ethernet Data Rates



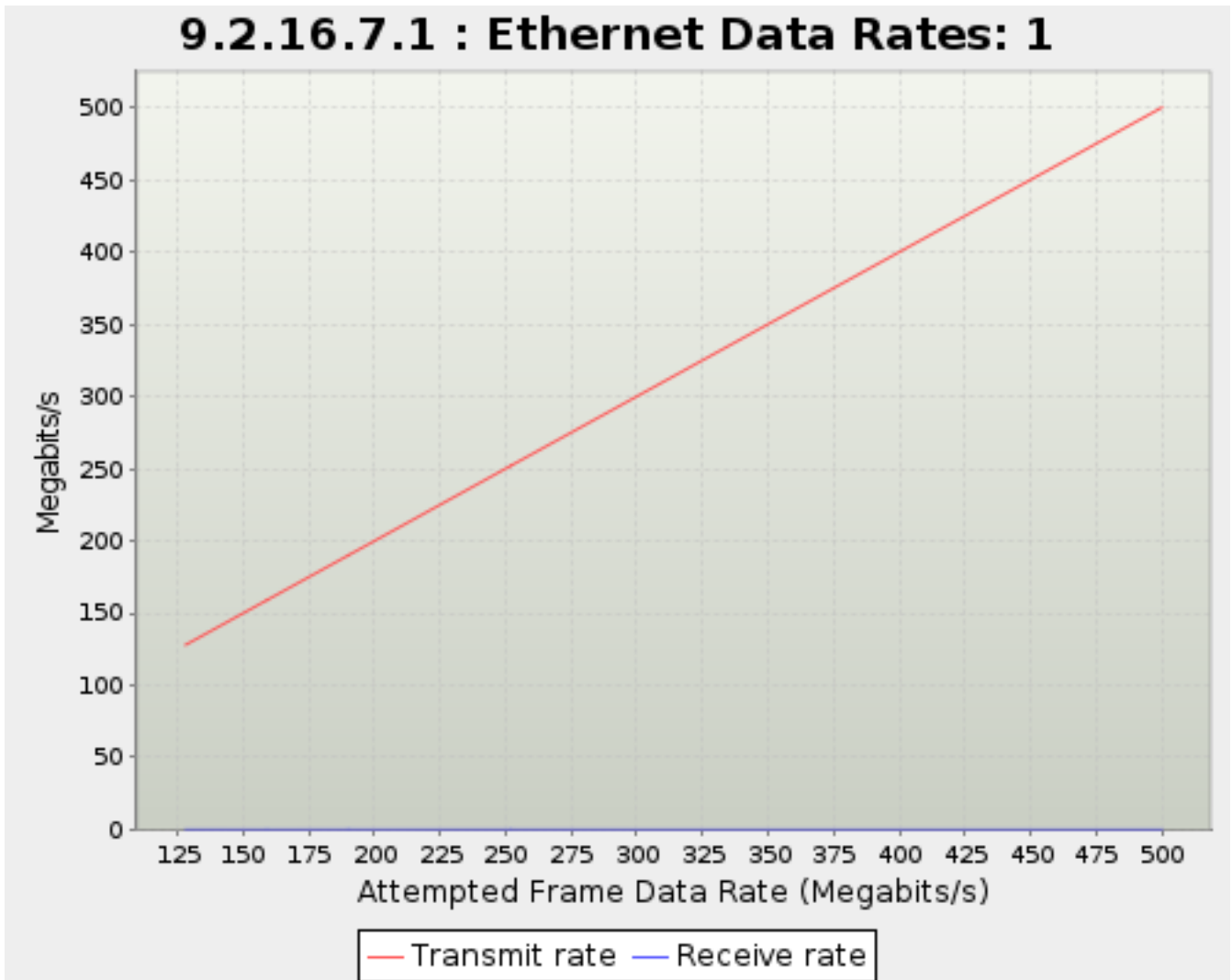
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.635	~128	129.3
159	63.786	~159	160.6
190	63.605	190.1	190.6
252	63.726	252.1	253.4
500	63.504	500.1	381.2

9.2.16.7.1. Ethernet Data Rates: 1



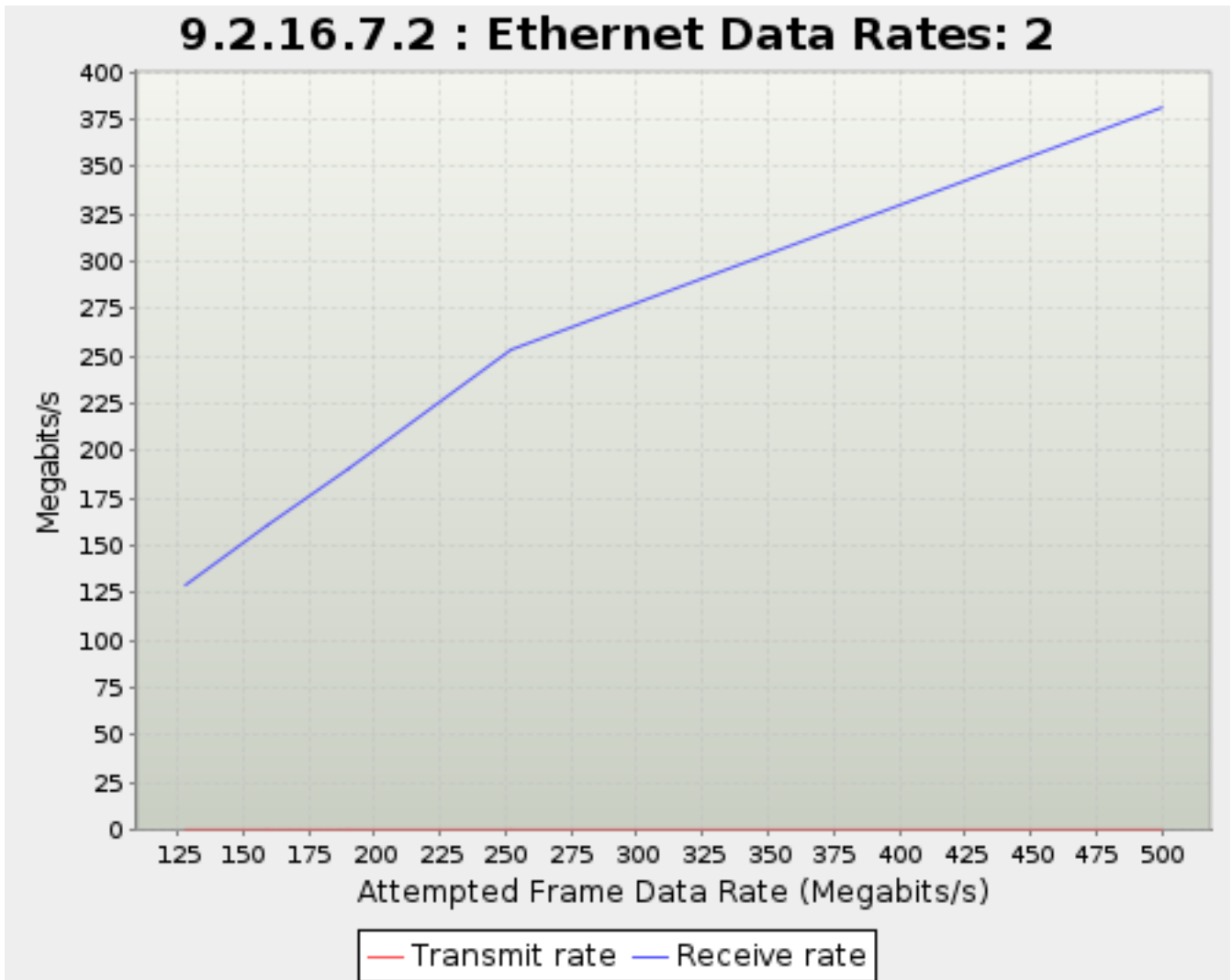
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.635	~128	0.06175
159	63.786	~159	0.04382
190	63.605	~190	0.06669
252	63.726	252.1	0.05557
500	63.504	~500	0.04135

9.2.16.7.2. Ethernet Data Rates: 2



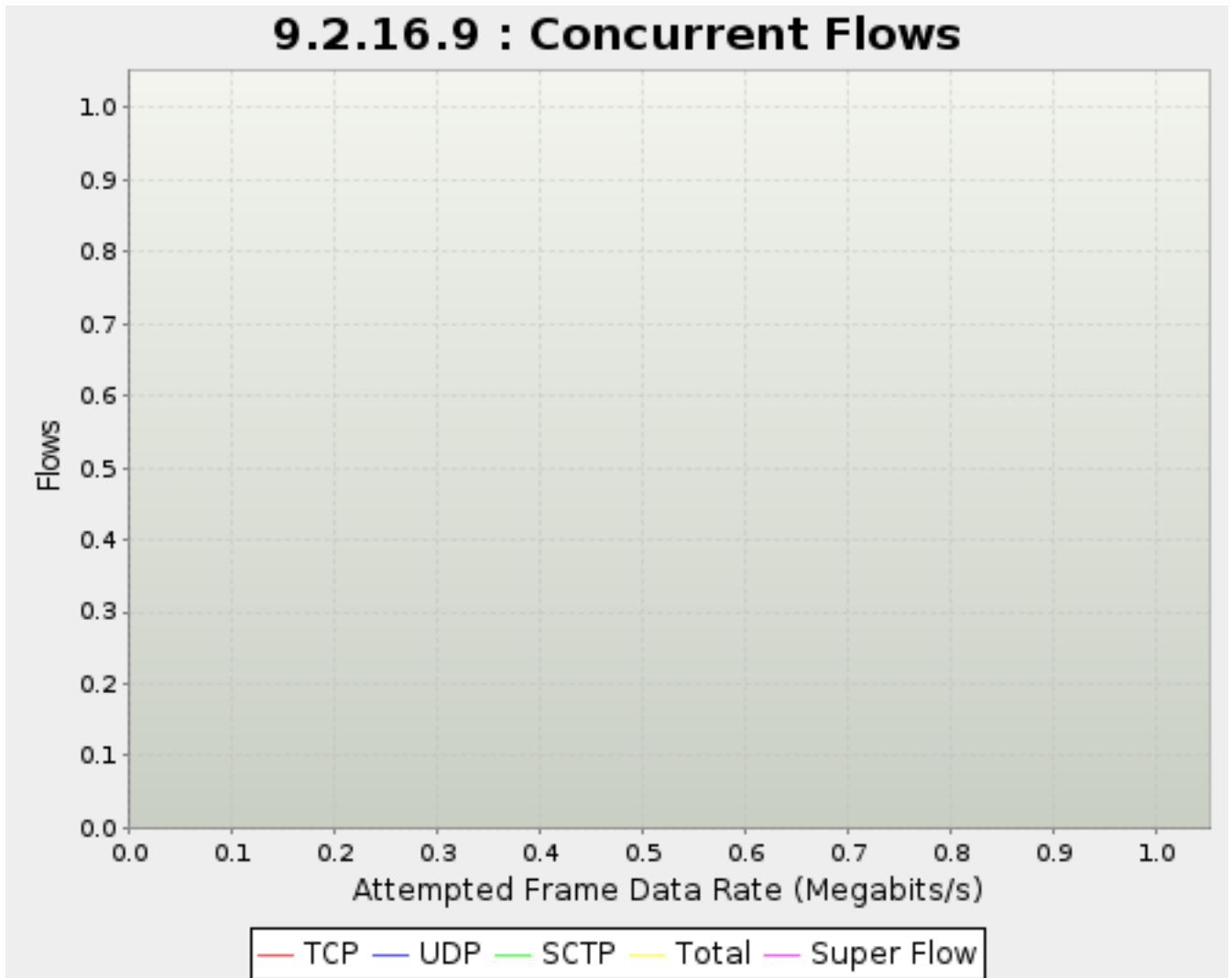
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

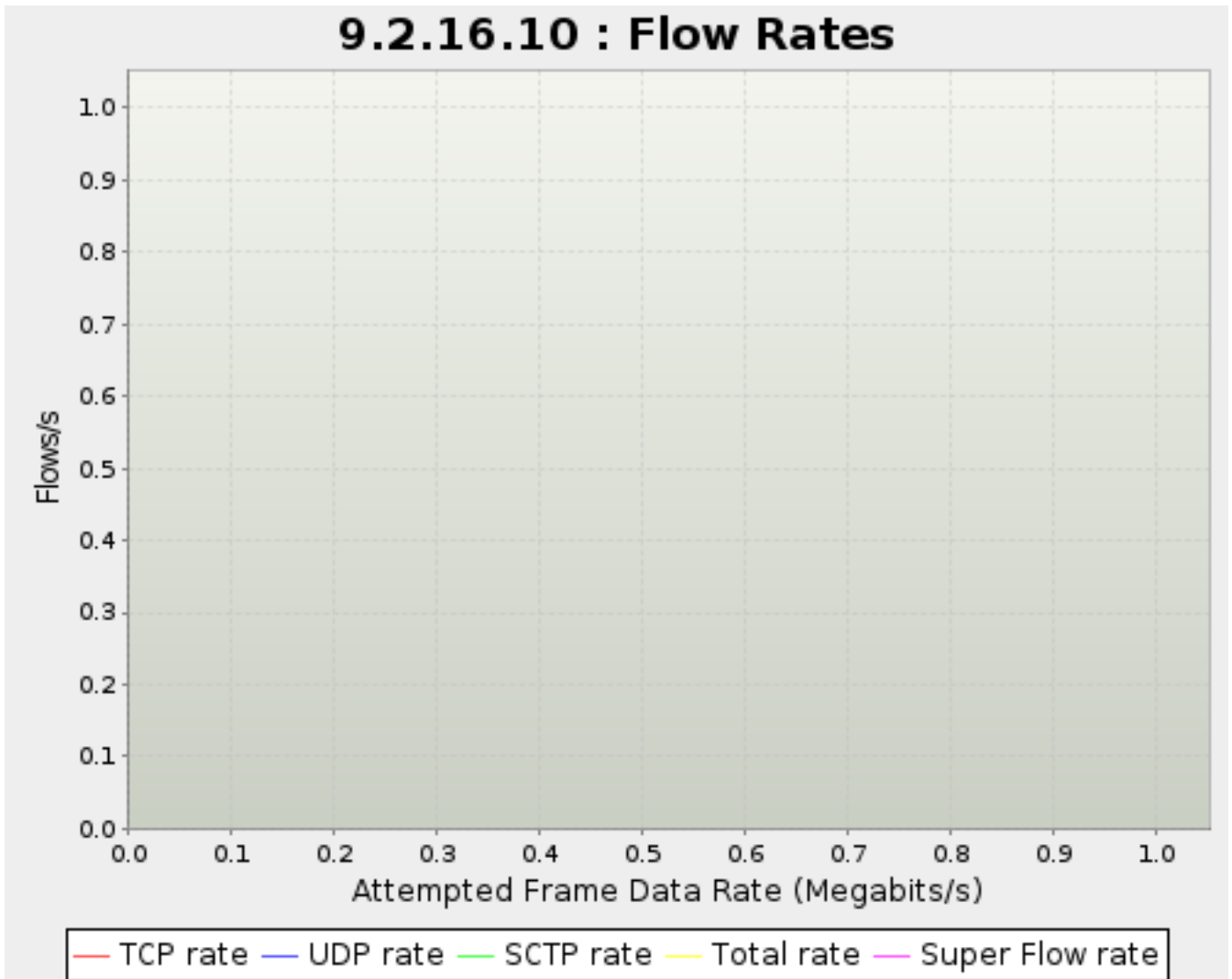
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.635	0.02047	129.2
159	63.786	0.02001	160.6
190	63.605	0.02110	190.5
252	63.726	0.02067	253.4
500	63.504	0.02067	381.2

9.2.16.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
128	63.362	0	0	0	0	0
159	63.445	0	0	0	0	0
190	63.357	0	0	0	0	0
252	63.436	0	0	0	0	0
500	63.263	0	0	0	0	0

9.2.16.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	Sctp rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
128	63.362	0.00	0.00	0.00	0.00	0.00
159	63.445	0.00	0.00	0.00	0.00	0.00
190	63.357	0.00	0.00	0.00	0.00	0.00
252	63.436	0.00	0.00	0.00	0.00	0.00
500	63.263	0.00	0.00	0.00	0.00	0.00

9.2.16.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		10.201.0.0/16	10.201.0.254	up
128	0		192.168.0.0/16	192.168.0.1	up
159	0		10.201.0.0/16	10.201.0.254	up
159	0		192.168.0.0/16	192.168.0.1	up
190	0		192.168.0.0/16	192.168.0.1	up
190	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
252	0		192.168.0.0/16	192.168.0.1	up
500	0		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	up

9.2.16.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		192.168.0.0/16	192.168.0.1	up
159	0		192.168.0.0/16	192.168.0.1	up
190	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	0		192.168.0.0/16	192.168.0.1	up

9.2.16.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
128	0		10.201.0.0/16	10.201.0.254	up
159	0		10.201.0.0/16	10.201.0.254	up
190	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		10.201.0.0/16	10.201.0.254	up

9.2.16.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.631	6	6	1,021	973	0	48	0	0
159	63.790	6	6	1,023	918	0	105	0	0
190	63.614	6	6	1,016	943	0	73	0	0
252	63.726	6	6	1,103	1,038	0	65	0	0
500	63.510	6	6	1,015	975	0	40	0	0

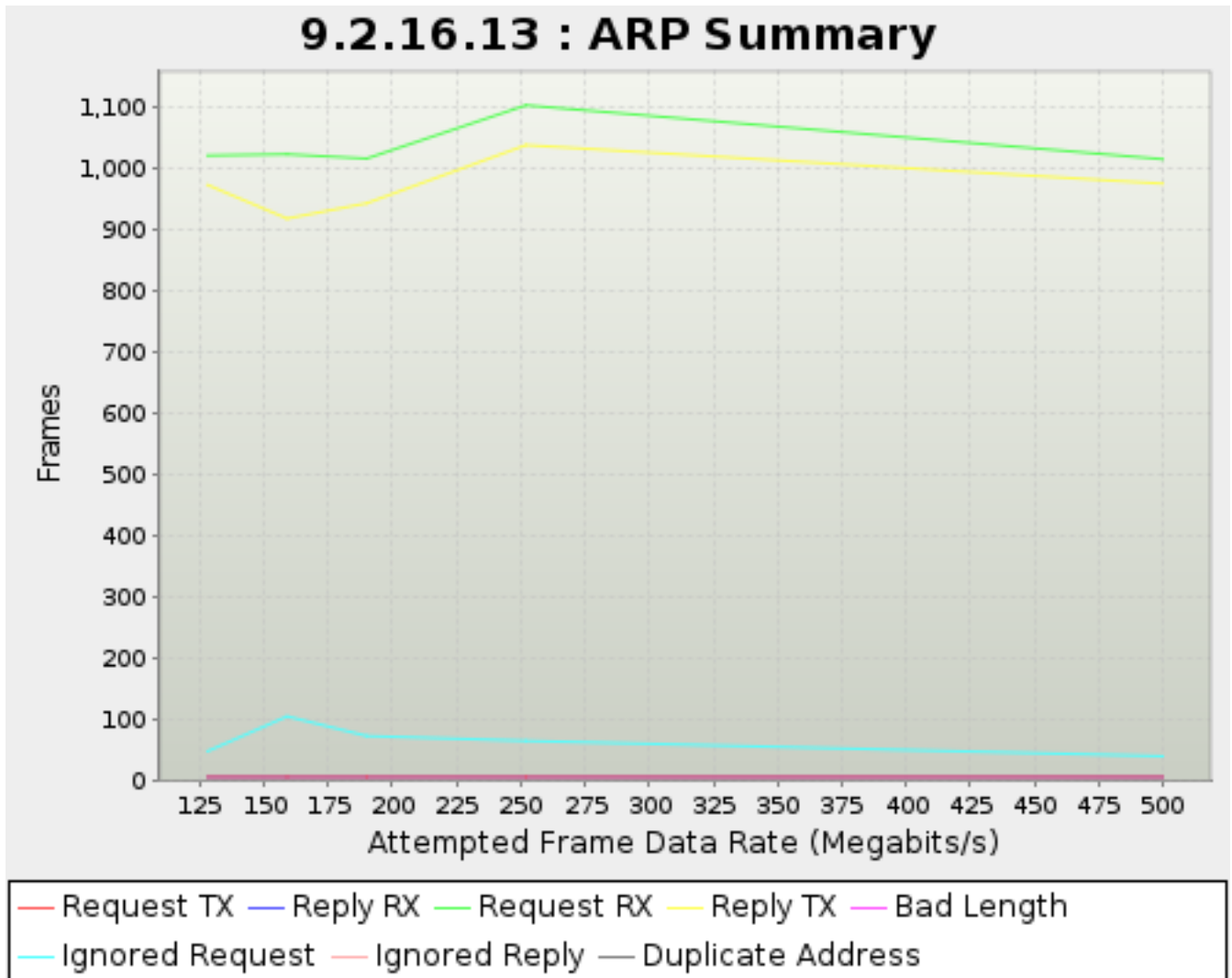
9.2.16.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.631	3	3	881	849	0	32	0	0
159	63.790	3	3	945	857	0	88	0	0
190	63.614	3	3	938	881	0	57	0	0
252	63.726	3	3	1,024	976	0	48	0	0
500	63.510	3	3	937	913	0	24	0	0

9.2.16.12.2. ARP: 2

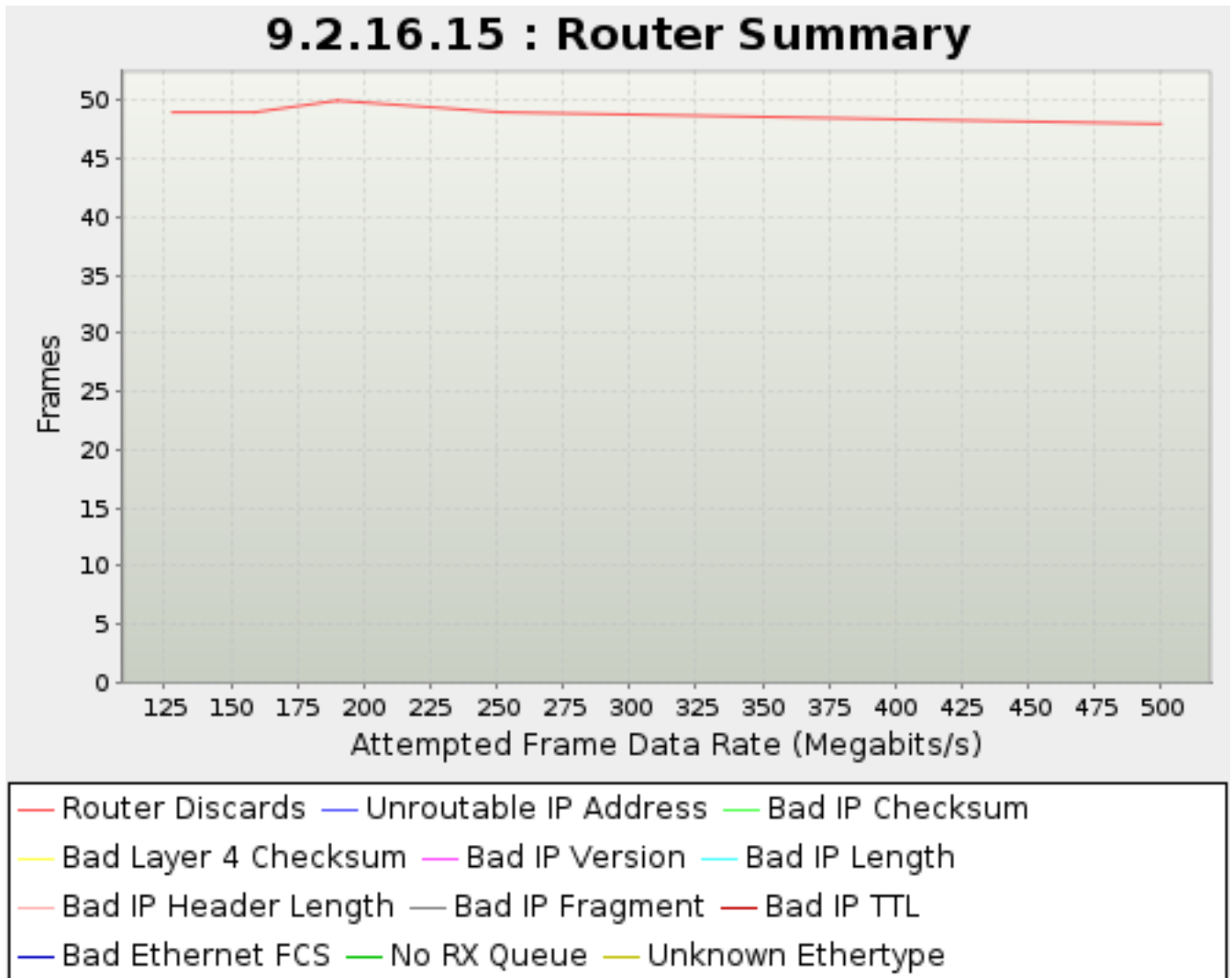
Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	63.631	3	3	140	124	0	16	0	0
159	63.790	3	3	78	61	0	17	0	0
190	63.614	3	3	78	62	0	16	0	0
252	63.726	3	3	79	62	0	17	0	0
500	63.510	3	3	78	62	0	16	0	0

9.2.16.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
<i>Frames</i>								
128	6	6	1,021	973	0	48	0	0
159	6	6	1,023	918	0	105	0	0
190	6	6	1,016	943	0	73	0	0
252	6	6	1,103	1,038	0	65	0	0
500	6	6	1,015	975	0	40	0	0

9.2.16.15. Router Summary



Attempted Frame Data Rate	Router Discards	Unroutable IP Address	Bad IP Checksum	Bad Layer 4 Checksum	Bad IP Version	Bad IP Length	Bad IP Header Length	Bad IP Fragment	Bad IP TTL	Bad Ethernet FCS	No RX Queue	Unknown Ethertype
	<i>Frames</i>											
128	49	0	0	0	0	0	0	0	0	0	0	0
159	49	0	0	0	0	0	0	0	0	0	0	0
190	50	0	0	0	0	0	0	0	0	0	0	0
252	49	0	0	0	0	0	0	0	0	0	0	0
500	48	0	0	0	0	0	0	0	0	0	0	0

9.2.17. System Controller 0 statistics

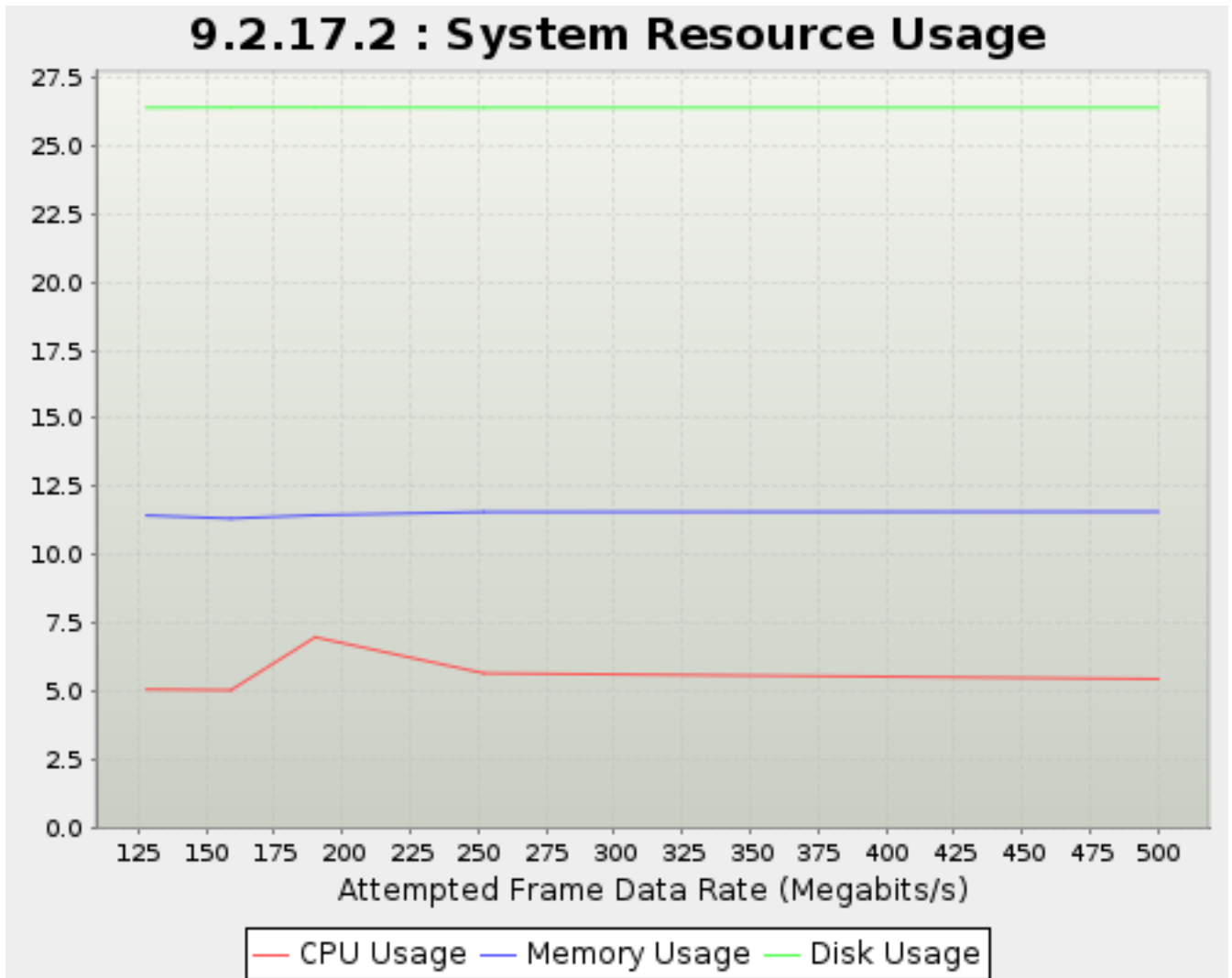
9.2.17.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

Component	Resource Used
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

9.2.17.2. System Resource Usage



Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	63.642	5.08	11.45	26.39
159	63.795	5.05	11.34	26.40
190	63.618	6.99	11.46	26.40
252	63.738	5.67	11.58	26.39
500	63.516	5.46	11.59	26.39

10. Frame Rate: 512

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	118 Mbps	failed
252 Mbps	225 Mbps	failed
128 Mbps	0 Mbps	failed
66 Mbps	66 Mbps	Achieved
97 Mbps	97 Mbps	failed

Result
The device failed at a frame data rate of 500 Megabits/s

Failed Criteria

10.1. Test Results for Bit Blaster

10.1.1. Component Description

Component: Bit Blaster

This component sends valid layer 2 ethernet frames with contrived content.

Component	Resource Used
Bit Blaster	np1-0, np1-0, np1-0, np1-0, np1-0

10.1.2. Test Component Criteria

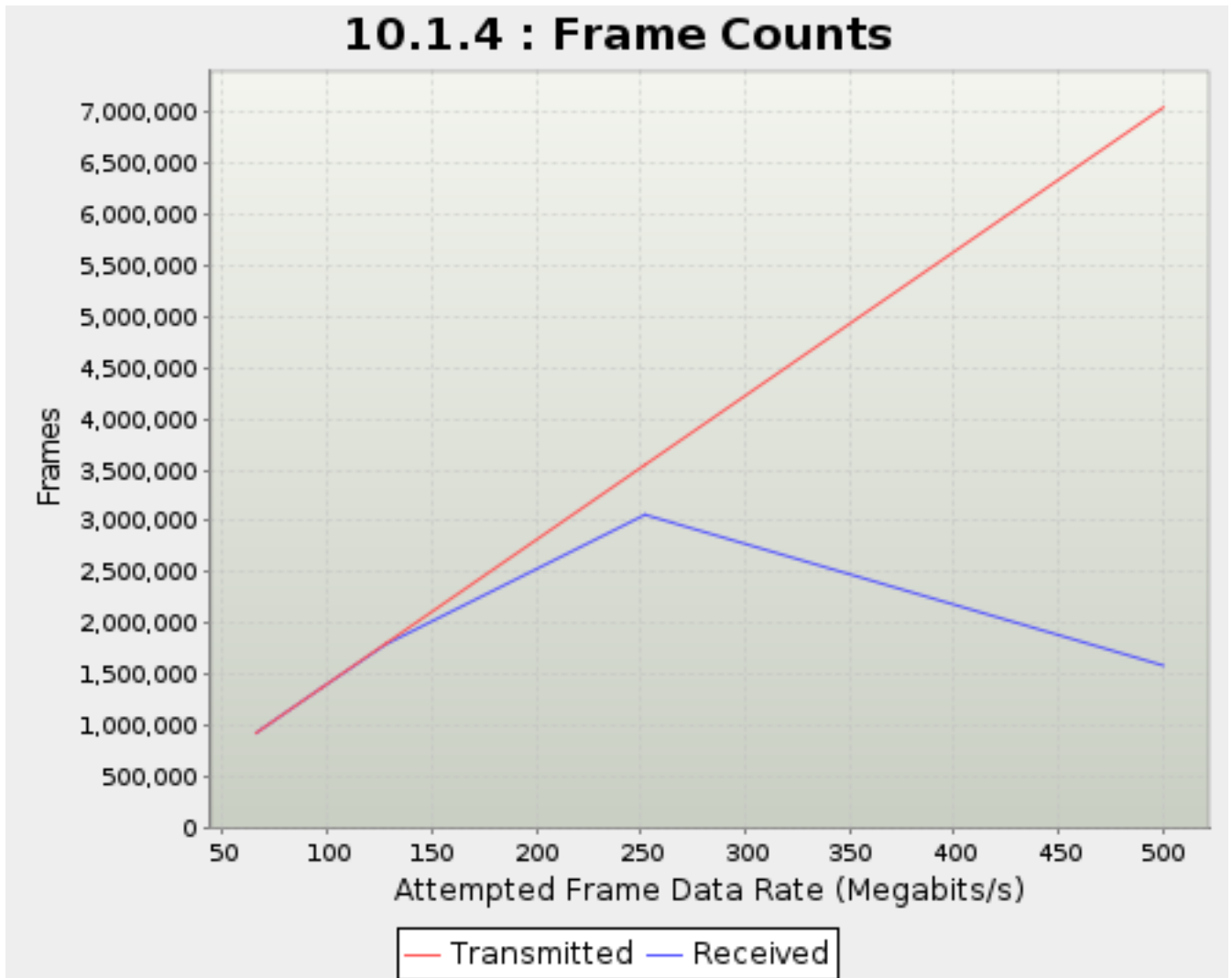
Number	Description
1	No predefined test criteria.

10.1.3. Traffic Appearance

Traffic was addressed as defined in the "vMX - Dual Core Performance Testing" network neighborhood.

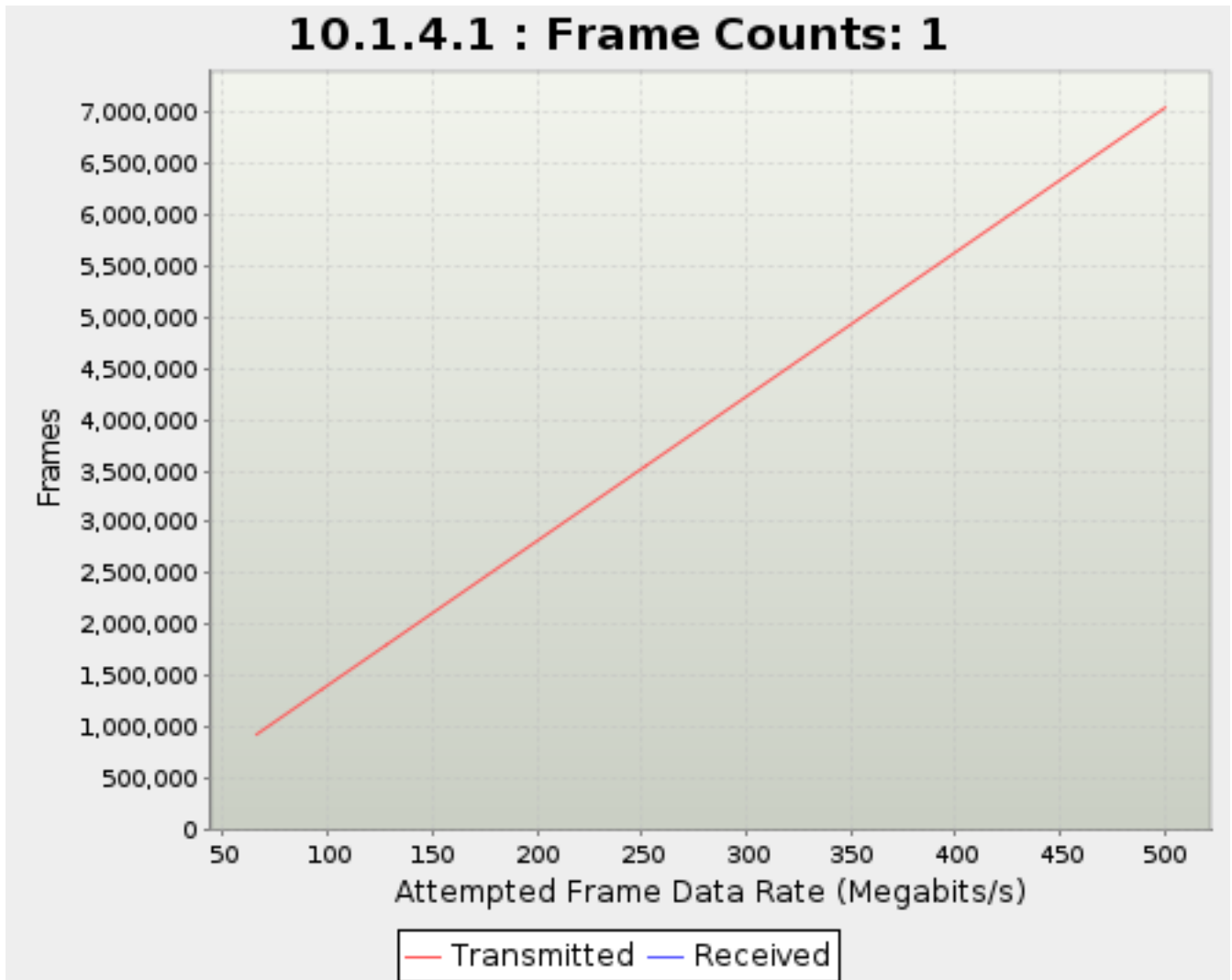
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

10.1.4. Frame Counts



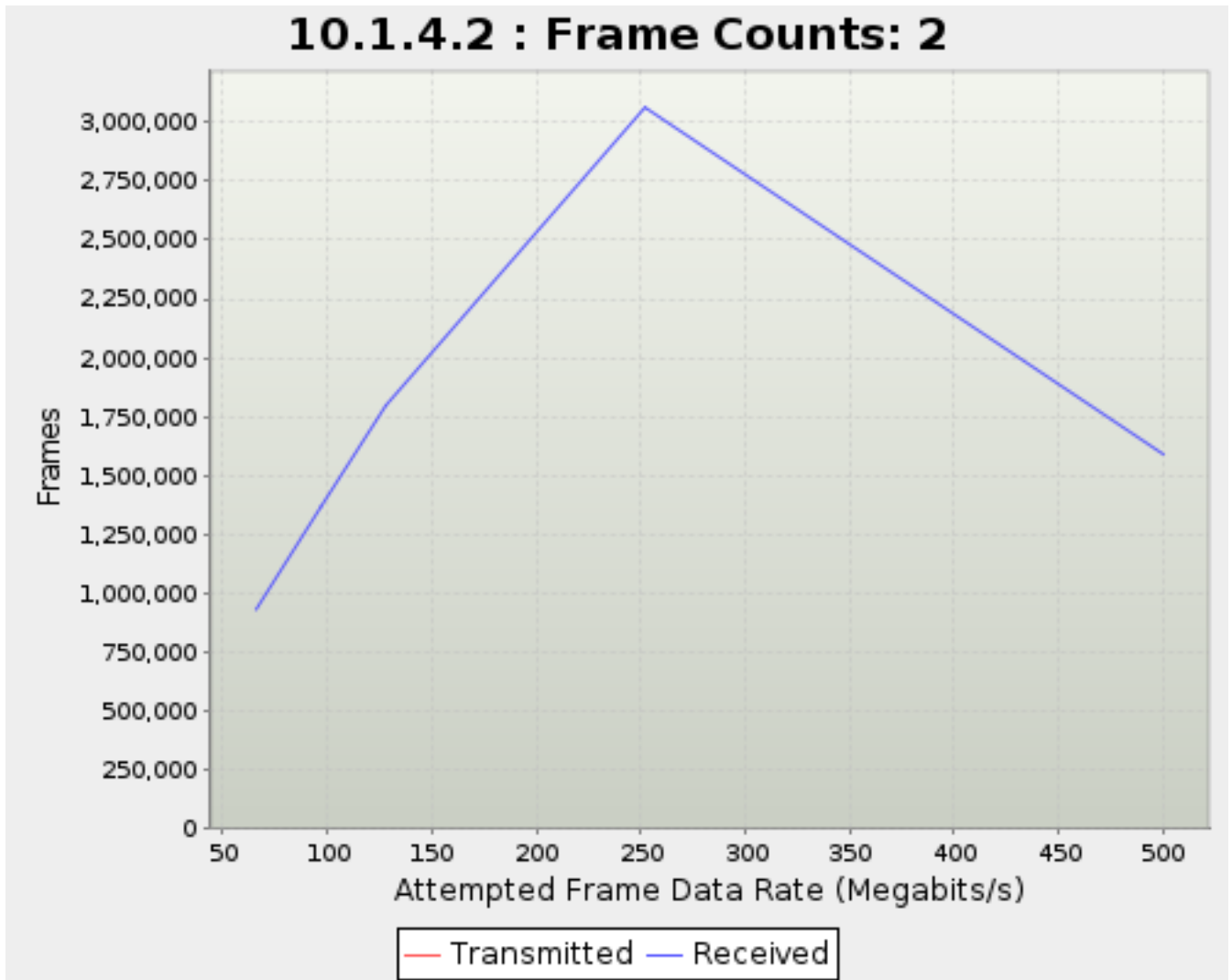
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	62.295	930,420	930,420
97	62.567	1,367,460	1,366,992
128	36,984.648	1,804,500	1,796,811
252	62.718	3,552,600	3,064,487
500	62.446	7,048,860	1,589,565

10.1.4.1. Frame Counts: 1



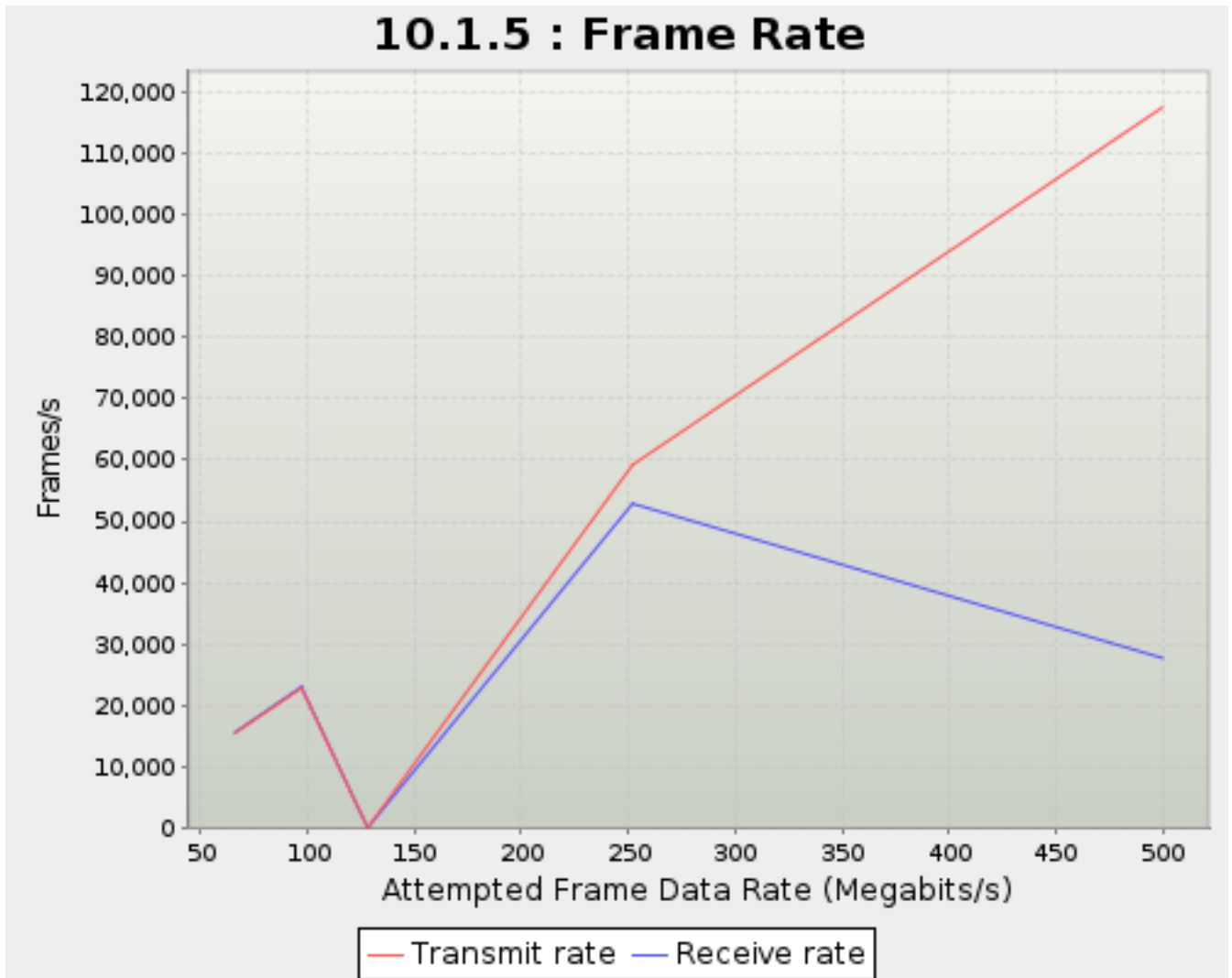
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	62.295	930,420	0
97	62.567	1,367,460	0
128	36,984.648	1,804,500	0
252	62.718	3,552,600	0
500	62.446	7,048,860	0

10.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frames</i>
66	62.295	0	930,420
97	62.567	0	1,366,992
128	36,984.648	0	1,796,811
252	62.718	0	3,064,487
500	62.446	0	1,589,565

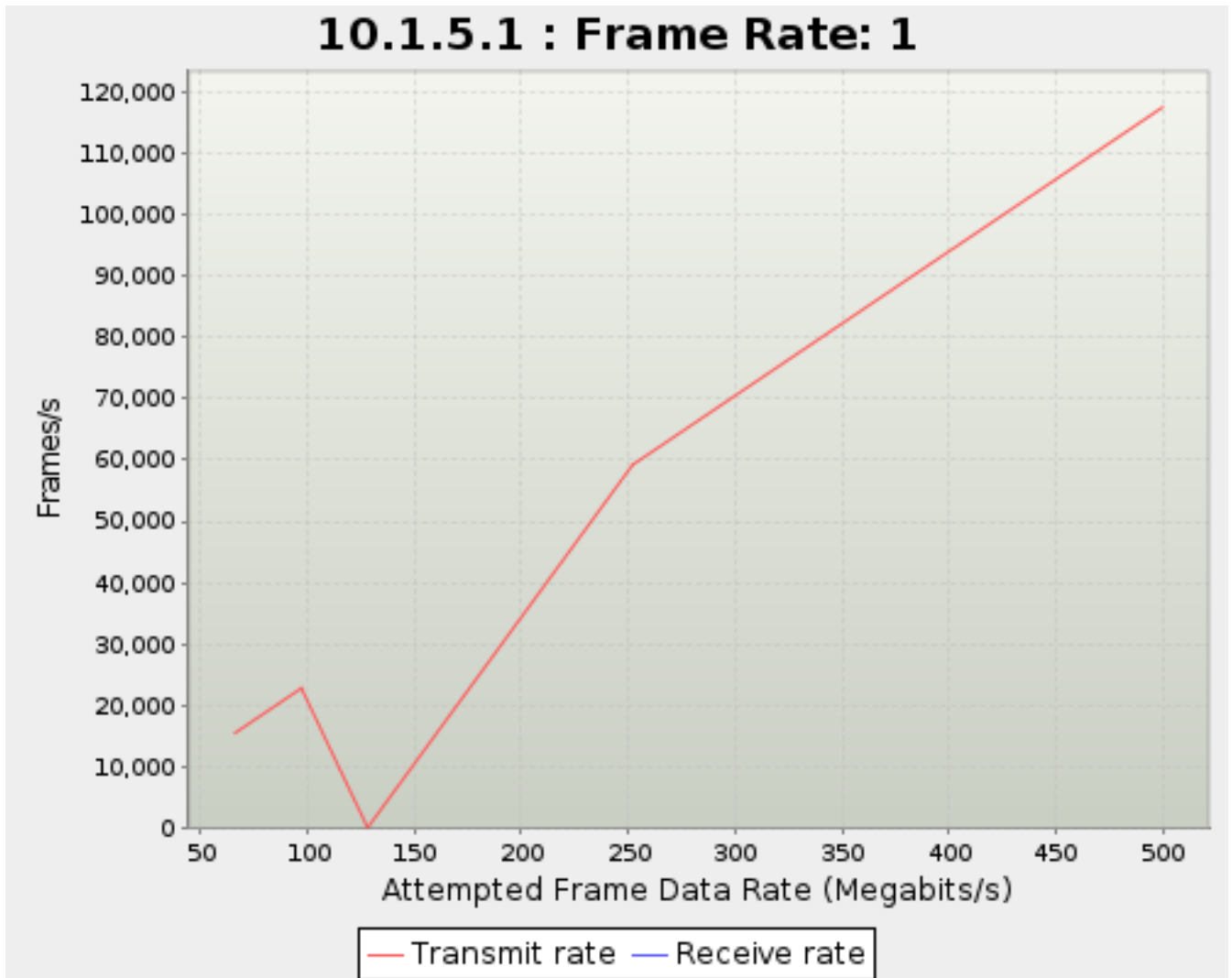
10.1.5. Frame Rate



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	62.295	~15510	~15620
97	62.567	~22790	~23010
128	36,984.648	48.79	48.58
252	62.718	~59210	~52890
500	62.446	~117500	~27730

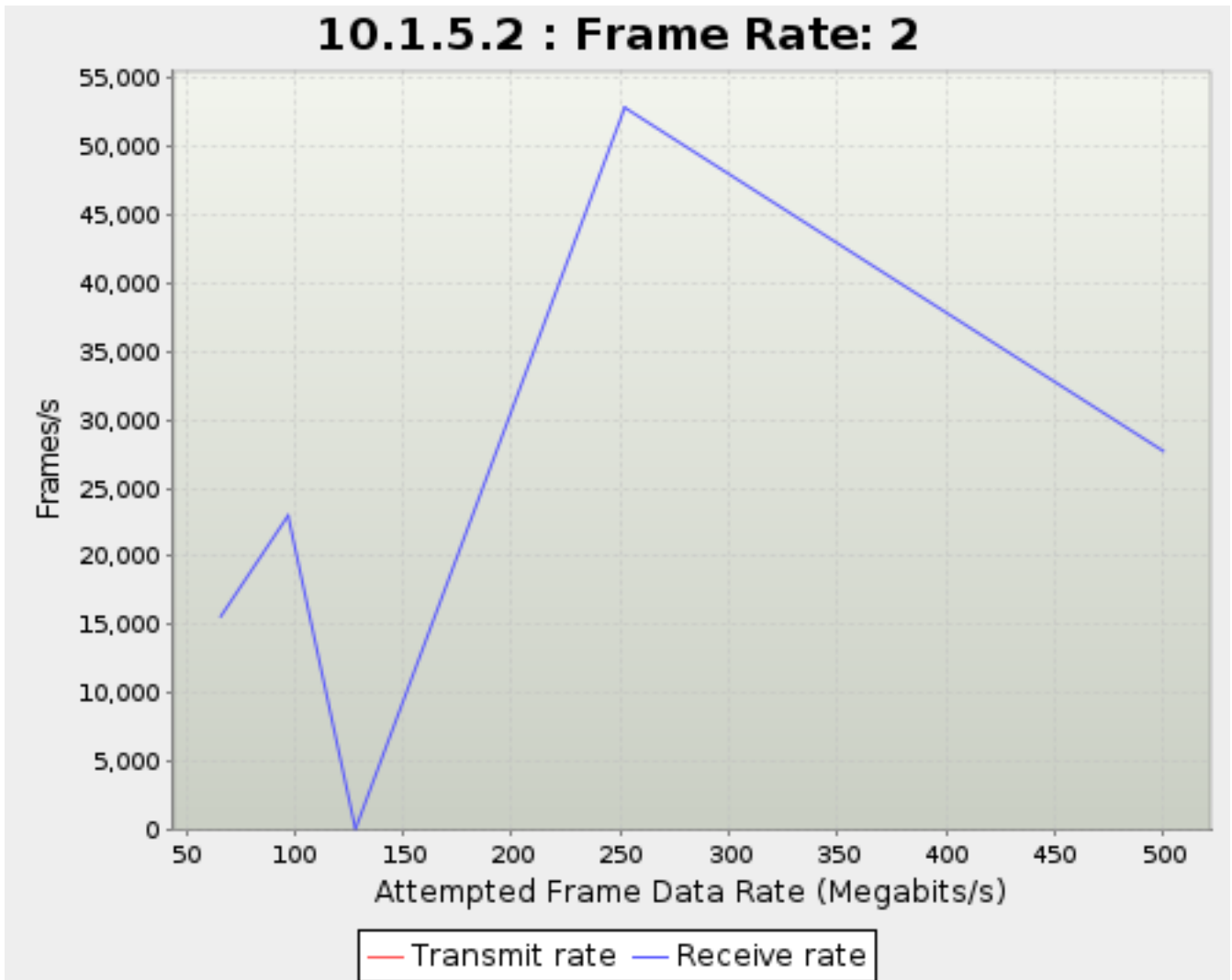
10.1.5.1. Frame Rate: 1



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	62.295	~15510	0.00
97	62.567	~22790	0.00
128	36,984.648	48.79	0.00
252	62.718	~59210	0.00
500	62.446	~117500	0.00

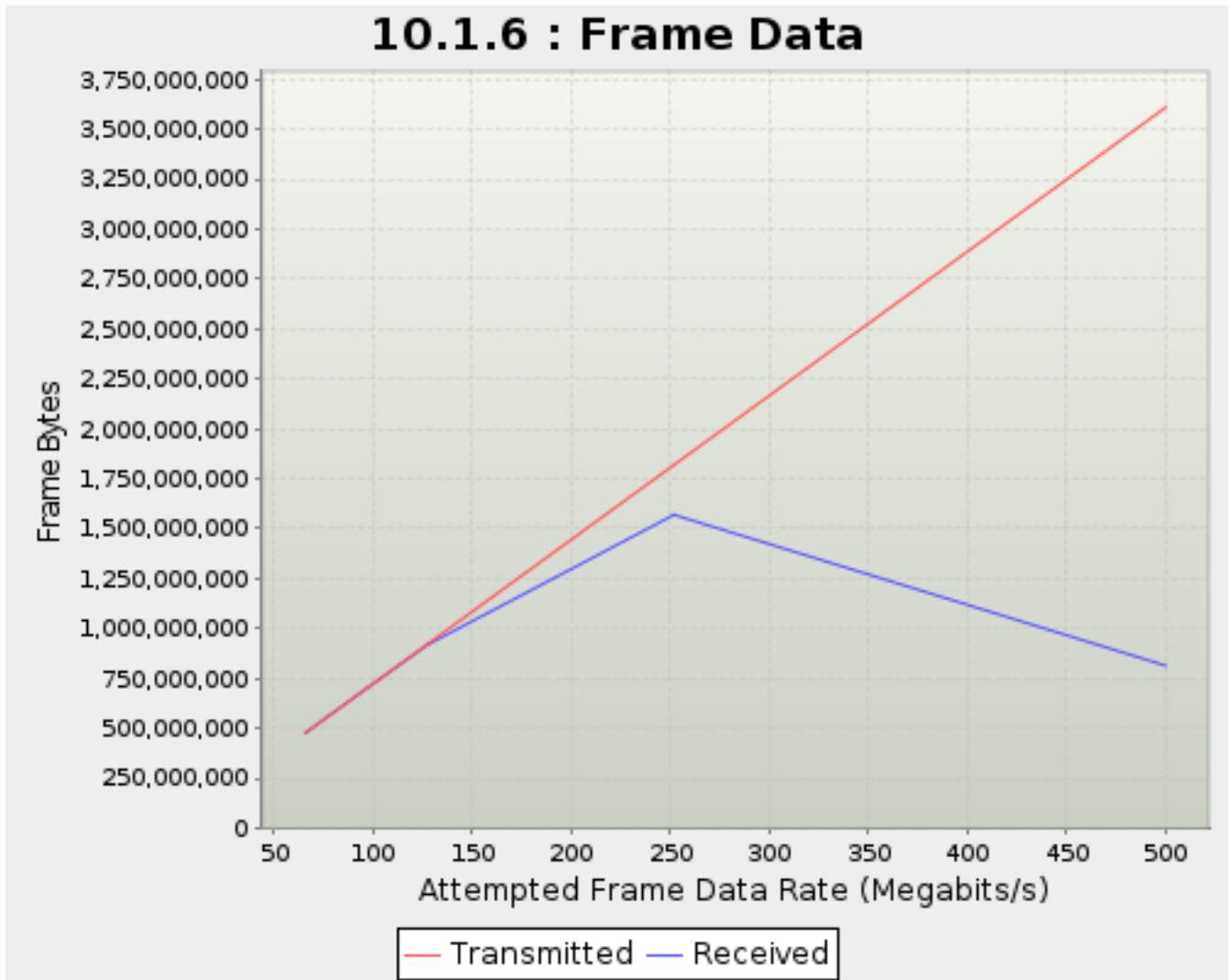
10.1.5.2. Frame Rate: 2



Rates can vary due to round-off errors in calculations.

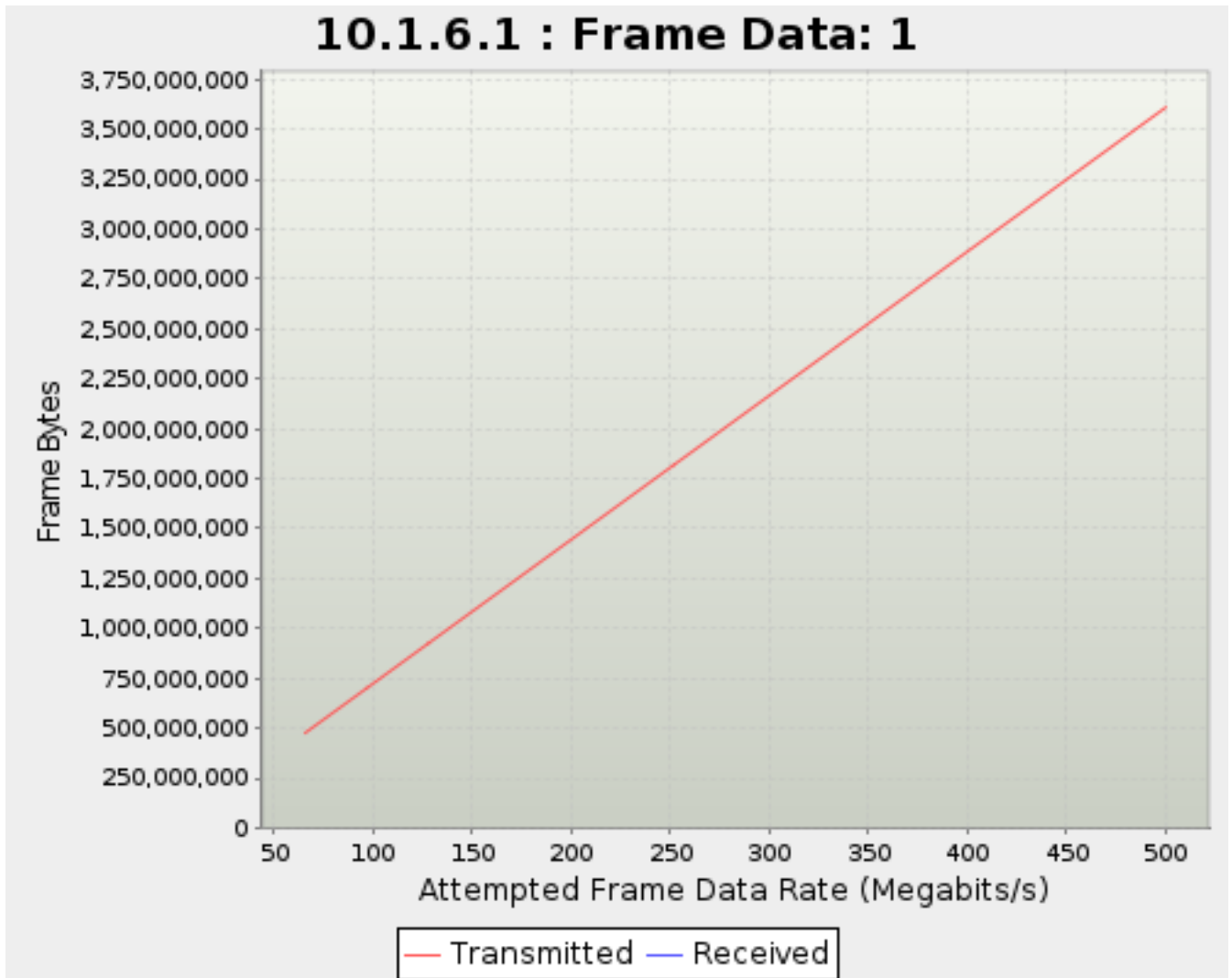
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	62.295	0.00	~15620
97	62.567	0.00	~23010
128	36,984.648	0.00	48.58
252	62.718	0.00	~52890
500	62.446	0.00	~27730

10.1.6. Frame Data



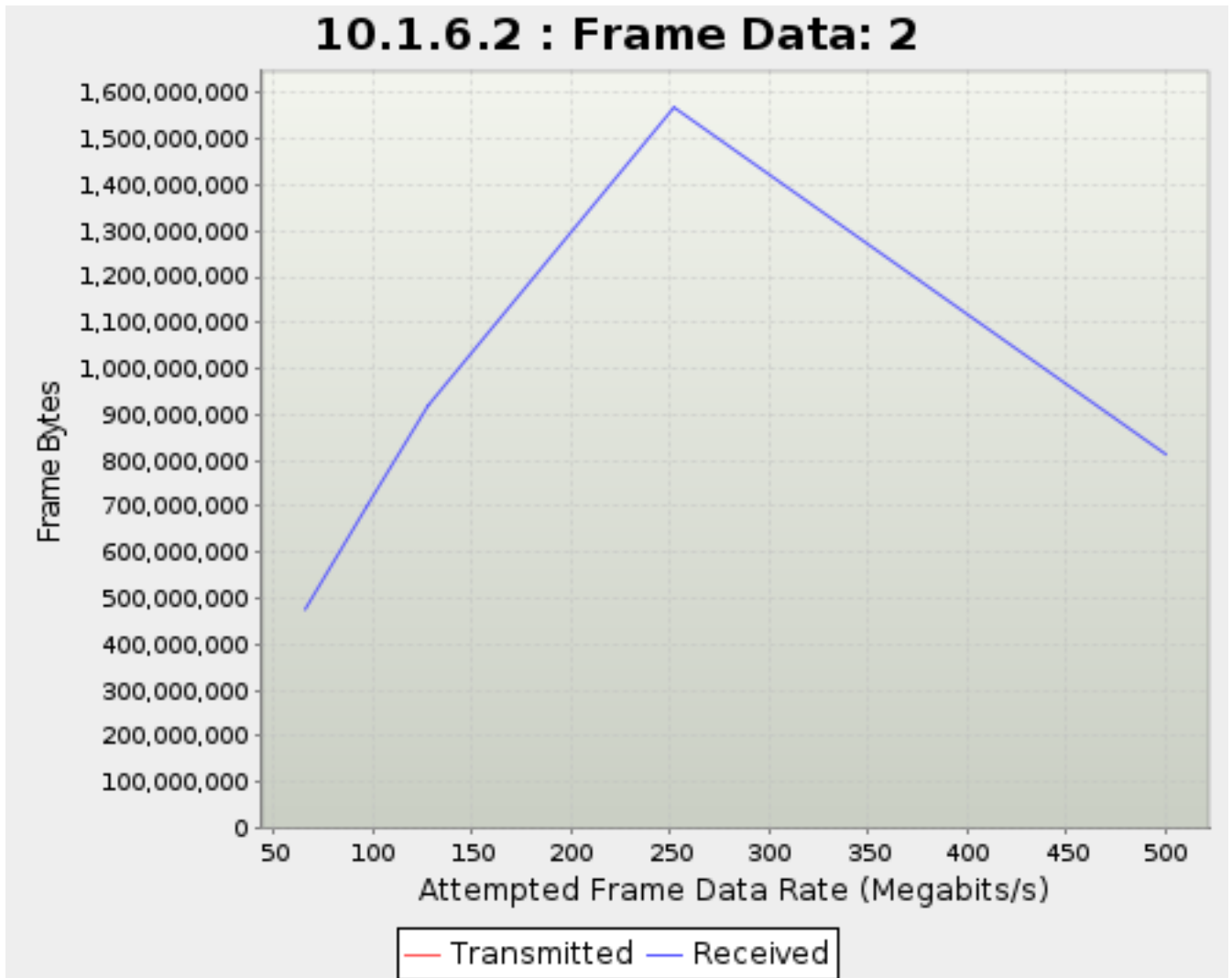
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	62.295	476,375,040	476,375,040
97	62.567	700,139,520	699,899,904
128	36,984.648	923,904,000	919,967,232
252	62.718	1,818,931,200	1,569,017,344
500	62.446	3,609,016,320	813,857,280

10.1.6.1. Frame Data: 1



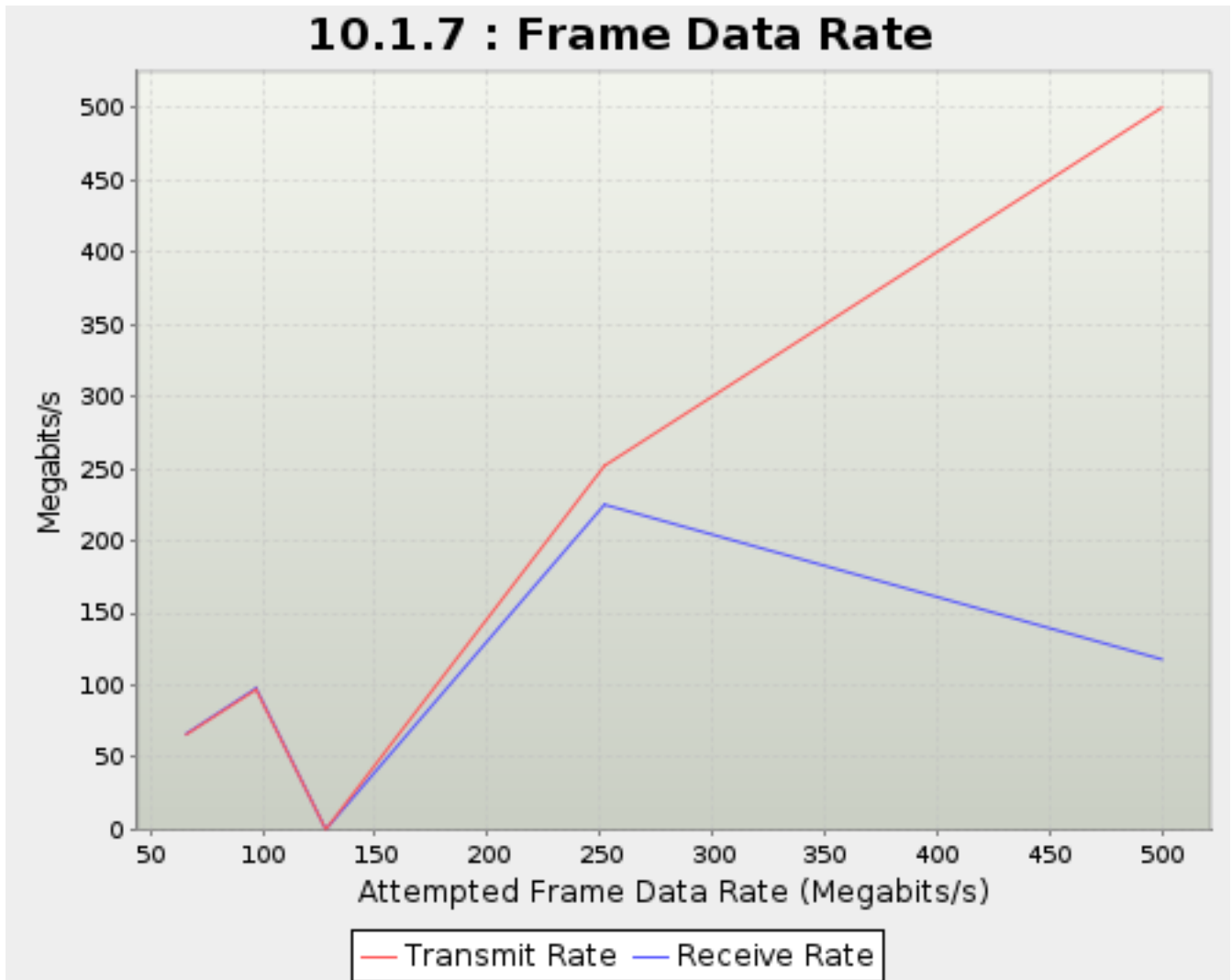
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted <i>Frame bytes</i>	Received <i>Frame bytes</i>
66	62.295	476,375,040	0
97	62.567	700,139,520	0
128	36,984.648	923,904,000	0
252	62.718	1,818,931,200	0
500	62.446	3,609,016,320	0

10.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frame bytes</i>
66	62.295	0	476,375,040
97	62.567	0	699,899,904
128	36,984.648	0	919,967,232
252	62.718	0	1,569,017,344
500	62.446	0	813,857,280

10.1.7. Frame Data Rate



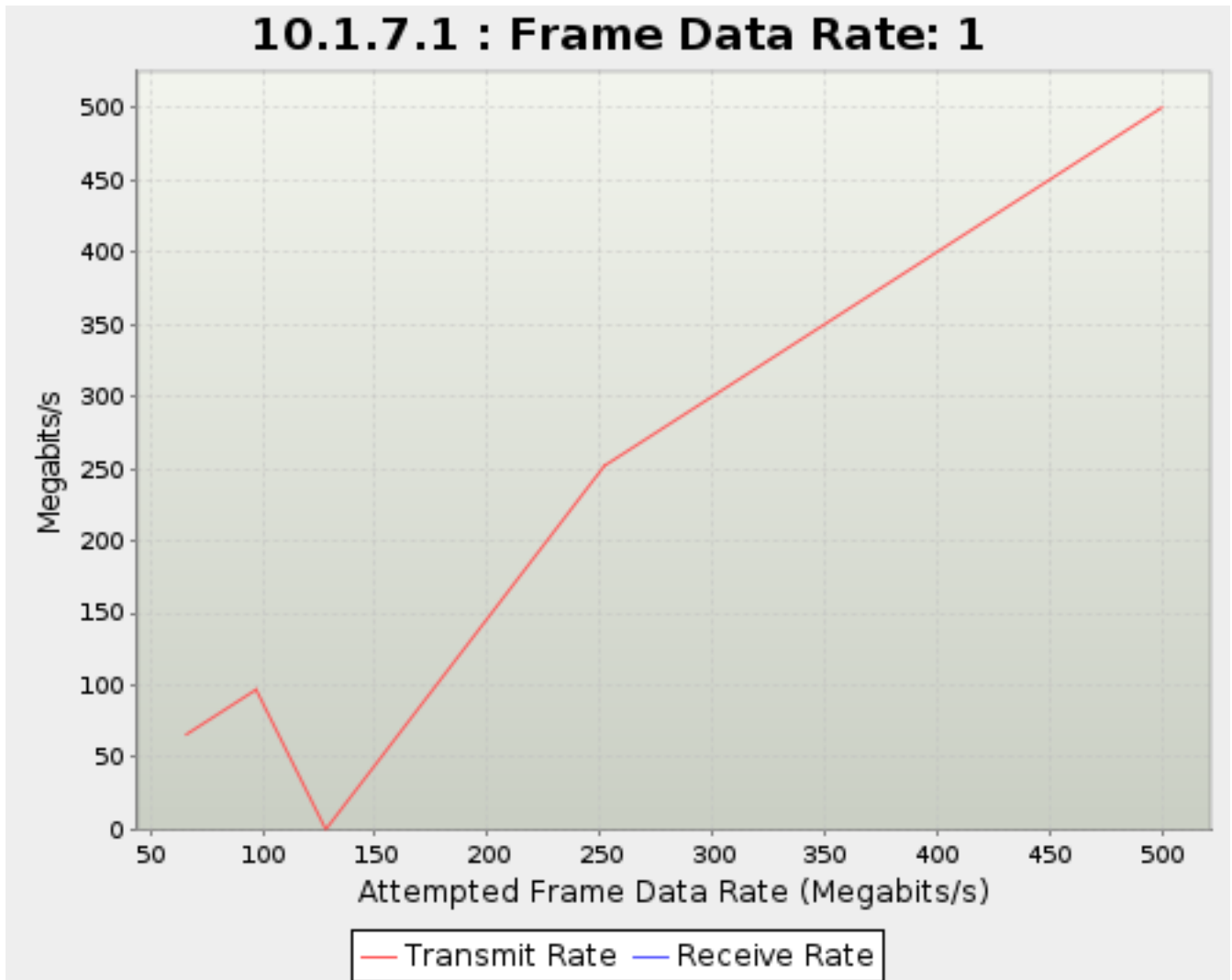
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	62.295	~66	66.49
97	62.567	~97	97.94
128	36,984.648	0.2077	0.2068
252	62.718	~252	225.1
500	62.446	~500	~118

10.1.7.1. Frame Data Rate: 1



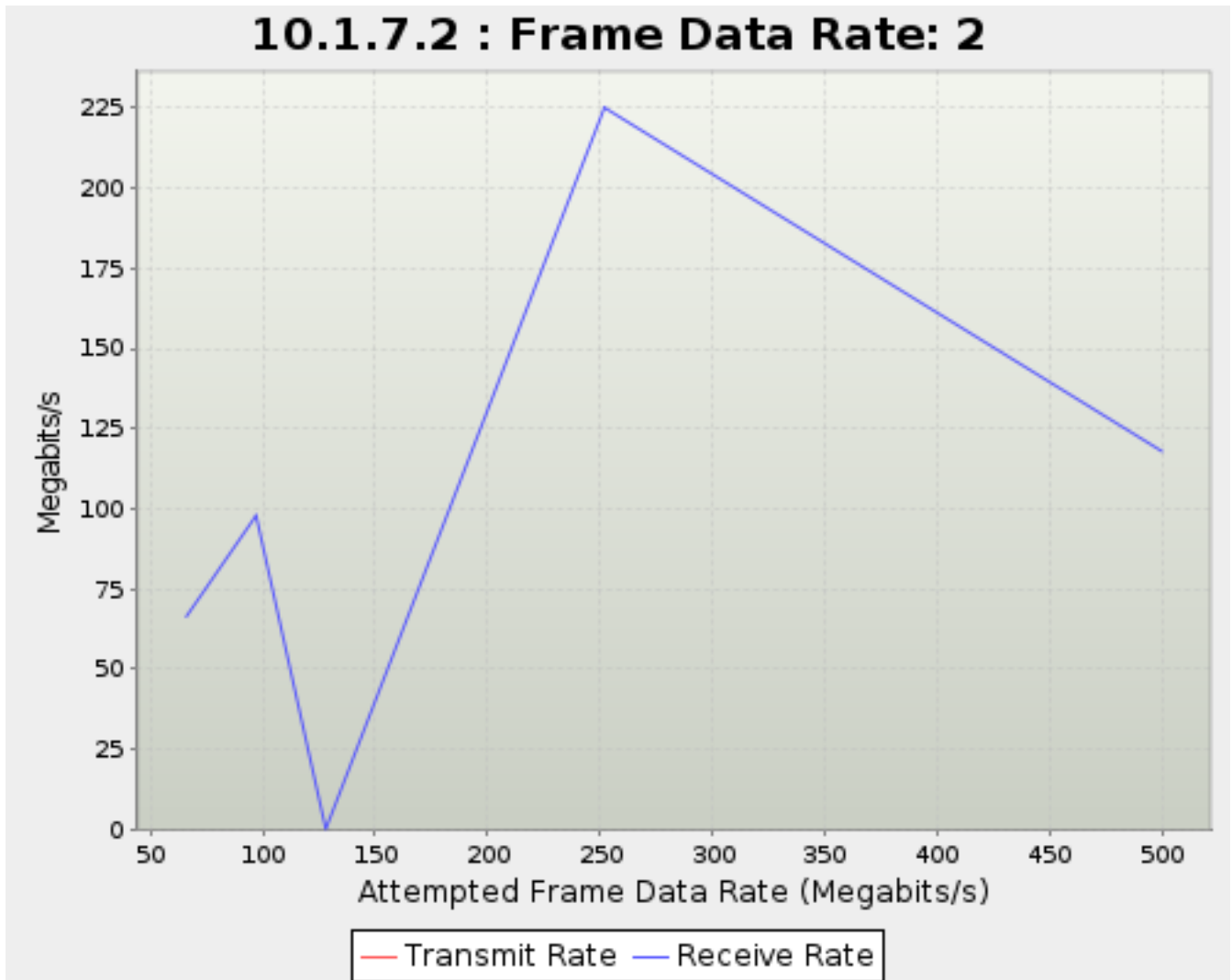
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	62.295	~66	0
97	62.567	~97	0
128	36,984.648	0.2077	0
252	62.718	~252	0
500	62.446	~500	0

10.1.7.2. Frame Data Rate: 2



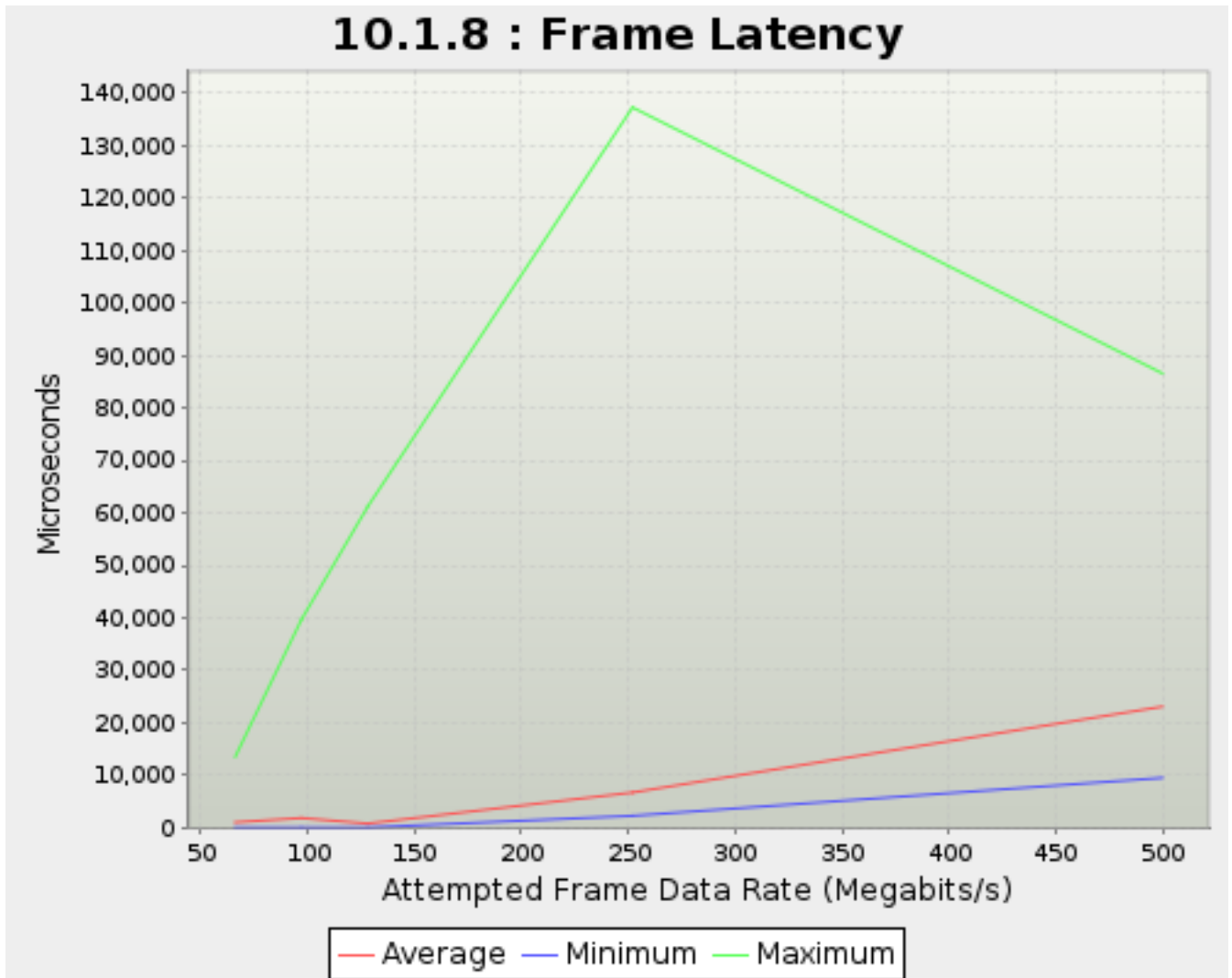
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

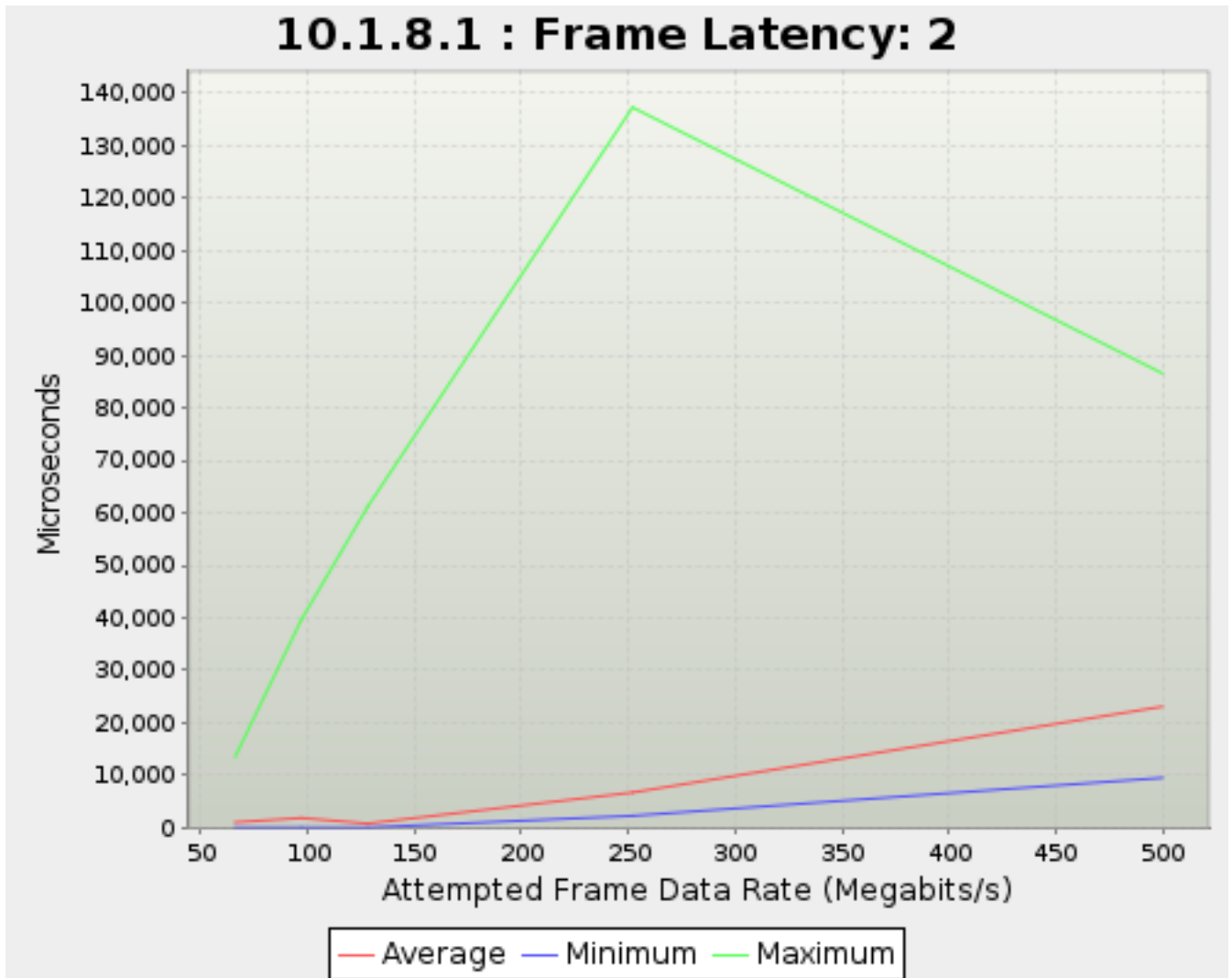
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	62.295	0	66.49
97	62.567	0	97.94
128	36,984.648	0	0.2068
252	62.718	0	225.1
500	62.446	0	~118

10.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
66	62.295	1,089.336	89.830	13,551.750
97	62.567	1,903.577	82.290	39,676.391
128	36,984.648	849.026	94.160	61,167.172
252	62.718	6,763.949	2,325.130	137,188.188
500	62.446	23,113.586	9,548.370	86,556.148

10.1.8.1. Frame Latency: 2

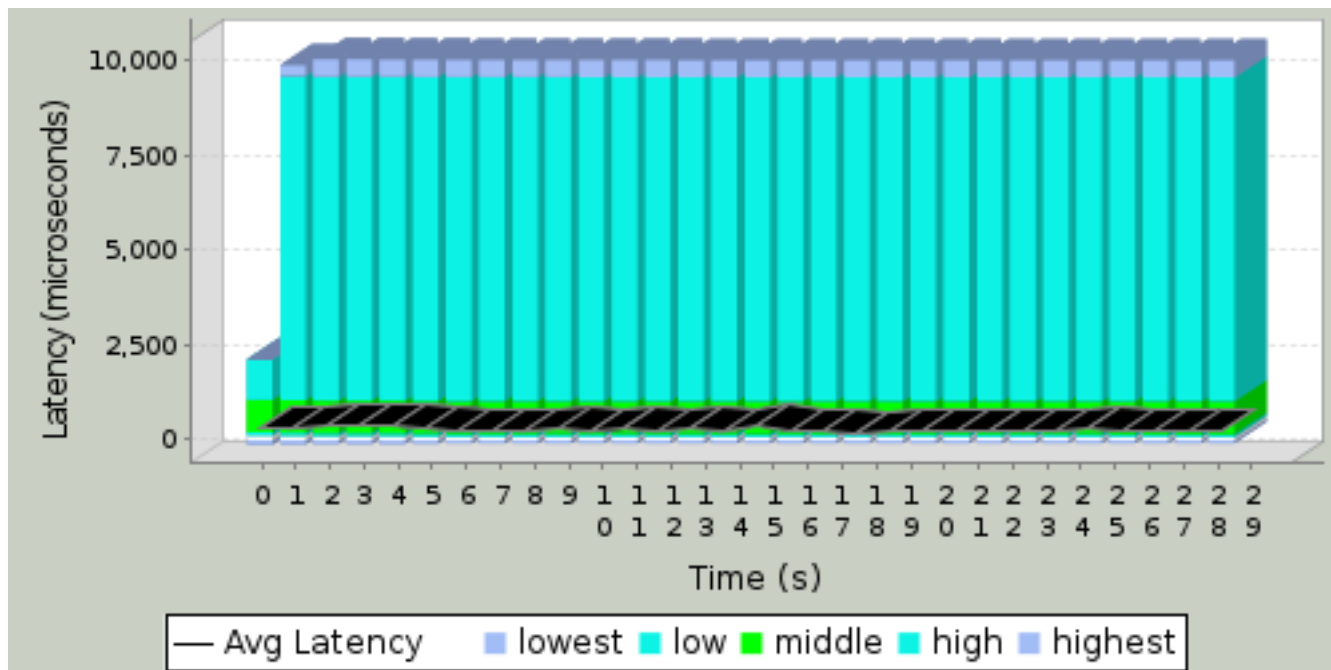


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
66	62.295	1,089.336	89.830	13,551.750
97	62.567	1,903.577	82.290	39,676.391
128	36,984.648	849.026	94.160	61,167.172
252	62.718	6,763.949	2,325.130	137,188.188
500	62.446	23,113.586	9,548.370	86,556.148

10.1.9. Frame Latency Distribution

This type of data can not be summarized, please view the detailed report sub-sections.

10.1.9.1. Frame Latency Distribution: 2



This chart shows latency ranges on the Y axis. The length of a colored bucket signifies its size relative to the total latency spread. It does not correspond to the number of packets.

The latency buckets are generated each second to an ideal normal curve, real packet latencies should be close but not exactly normal.

Buckets are generated as - bucket1 (dark blue): lowest 2.2%; bucket2 (light blue): low 13.7%; bucket3 (green): middle 68.2%; bucket4 (light blue): high 13.7%; bucket5 (dark blue): highest 2.2%

68.2% of packets sent during the interval (ideally) will be in the middle bucket (green).

Layer 2 and 3 tests on 1Gig blades do not support dynamic latency. These tests will have static 10,100,1000,10000,10000+ ms buckets.

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
			<i>microseconds</i>				<i>packets</i>					
66	0.151	304.512	130.200 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,218 98.098%	43 1.902%	0
66	1.149	347.371	124.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	17,258 97.332%	467 2.634%	6 0.034%
66	2.146	380.140	113.330 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	32,204 96.997%	977 2.943%	20 0.060%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
66	3.144	404.483	113.330 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	47,010 96.587%	1,628 3.345%	33 0.068%
66	4.142	375.879	109.610 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	61,977 96.625%	2,119 3.304%	46 0.072%
66	5.139	336.967	103.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	76,786 96.448%	2,772 3.482%	56 0.070%
66	6.147	283.013	97.160 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	2 0.002%	91,767 96.353%	3,409 3.579%	62 0.065%
66	7.144	243.295	97.160 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	4 0.004%	106,809 96.476%	3,832 3.461%	66 0.060%
66	8.142	278.210	97.160 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	4 0.003%	121,607 96.375%	4,500 3.566%	70 0.055%
66	9.140	337.045	97.050 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	5 0.004%	136,252 96.188%	5,319 3.755%	76 0.054%
66	10.147	233.277	92.900 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	8 0.005%	151,499 96.326%	5,690 3.618%	81 0.052%
66	11.145	295.402	92.900 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	17 0.010%	166,324 96.281%	6,320 3.659%	87 0.050%
66	12.143	285.229	92.900 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	18 0.010%	181,223 96.284%	6,883 3.657%	94 0.050%
66	13.140	314.295	92.170 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	32 0.016%	195,941 96.196%	7,610 3.736%	106 0.052%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	14.148	267.482	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	32 0.015%	211,038 96.226%	8,134 3.709%	111 0.051%	
66	15.145	394.195	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	36 0.015%	225,402 96.003%	9,227 3.930%	121 0.052%	
66	16.143	244.041	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	39 0.016%	240,439 96.077%	9,654 3.858%	125 0.050%	
66	17.141	251.387	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	39 0.015%	255,420 96.121%	10,139 3.816%	129 0.049%	
66	18.138	160.403	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	44 0.016%	270,724 96.276%	10,300 3.663%	129 0.046%	
66	19.146	260.451	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	47 0.016%	285,861 96.307%	10,780 3.632%	136 0.046%	
66	20.144	255.986	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	55 0.018%	300,773 96.311%	11,325 3.626%	141 0.045%	
66	21.141	247.174	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	55 0.017%	315,813 96.354%	11,751 3.585%	145 0.044%	
66	22.139	247.194	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	61 0.018%	330,793 96.376%	12,228 3.563%	149 0.043%	
66	23.146	252.455	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	63 0.018%	345,948 96.402%	12,695 3.538%	154 0.043%	
66	24.144	280.672	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	63 0.017%	360,819 96.390%	13,288 3.550%	162 0.043%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	25.142	308.402	92.170 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	63 0.016%	375,501 96.331%	14,070 3.610%	168 0.043%	
66	26.139	258.213	90.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	68 0.017%	390,419 96.335%	14,613 3.606%	172 0.042%	
66	27.147	284.203	90.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	69 0.016%	405,394 96.316%	15,256 3.625%	180 0.043%	
66	28.145	281.676	90.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	69 0.016%	420,274 96.312%	15,838 3.629%	188 0.043%	
66	29.142	266.780	90.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	75 0.017%	435,189 96.315%	16,380 3.625%	195 0.043%	
66	30.140	266.832	90.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	78 0.017%	450,145 96.327%	16,884 3.613%	203 0.043%	
66	31.147	261.095	90.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	90 0.019%	465,227 96.333%	17,411 3.605%	209 0.043%	
66	32.145	349.810	90.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	90 0.018%	479,619 96.230%	18,483 3.708%	215 0.043%	
66	33.143	243.399	90.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	91 0.018%	494,689 96.266%	18,877 3.673%	221 0.043%	
66	34.140	275.105	90.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	91 0.017%	509,543 96.259%	19,487 3.681%	227 0.043%	
66	35.138	240.123	90.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	96 0.018%	524,575 96.284%	19,914 3.655%	233 0.043%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	36.145	265.095	90.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	101 0.018%	539,594 96.280%	20,511 3.660%	239 0.043%	
66	37.143	210.173	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	103 0.018%	554,523 96.305%	20,935 3.636%	239 0.042%	
66	38.141	287.552	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	108 0.018%	569,391 96.281%	21,644 3.660%	242 0.041%	
66	39.138	283.538	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	112 0.018%	584,185 96.264%	22,311 3.676%	248 0.041%	
66	40.146	249.472	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	116 0.019%	599,310 96.277%	22,803 3.663%	254 0.041%	
66	41.144	258.180	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	121 0.019%	614,233 96.282%	23,341 3.659%	258 0.040%	
66	42.141	279.549	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	121 0.019%	629,060 96.271%	23,980 3.670%	262 0.040%	
66	43.139	249.119	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	123 0.018%	644,062 96.288%	24,442 3.654%	267 0.040%	
66	44.146	300.181	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	124 0.018%	658,903 96.264%	25,179 3.679%	272 0.040%	
66	45.144	268.303	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	127 0.018%	673,912 96.275%	25,672 3.667%	279 0.040%	
66	46.142	330.232	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	143 0.020%	688,521 96.235%	26,518 3.706%	279 0.039%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	47.139	290.615	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	143 <i>0.020%</i>	703,362 <i>96.228%</i>	27,145 <i>3.714%</i>	281 <i>0.038%</i>	
66	48.147	227.037	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	143 <i>0.019%</i>	718,641 <i>96.261%</i>	27,487 <i>3.682%</i>	287 <i>0.038%</i>	
66	49.145	272.265	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	145 <i>0.019%</i>	733,488 <i>96.255%</i>	28,102 <i>3.688%</i>	293 <i>0.038%</i>	
66	50.142	307.503	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	163 <i>0.021%</i>	748,220 <i>96.234%</i>	28,816 <i>3.706%</i>	300 <i>0.039%</i>	
66	51.140	272.108	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	165 <i>0.021%</i>	763,151 <i>96.240%</i>	29,349 <i>3.701%</i>	304 <i>0.038%</i>	
66	52.147	253.184	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	165 <i>0.020%</i>	778,353 <i>96.260%</i>	29,745 <i>3.679%</i>	332 <i>0.041%</i>	
66	53.145	283.516	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	169 <i>0.021%</i>	793,166 <i>96.250%</i>	30,393 <i>3.688%</i>	338 <i>0.041%</i>	
66	54.143	1,124.688	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	169 <i>0.020%</i>	804,561 <i>95.838%</i>	34,340 <i>4.091%</i>	434 <i>0.052%</i>	
66	55.140	631.641	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	170 <i>0.020%</i>	817,273 <i>95.587%</i>	37,124 <i>4.342%</i>	440 <i>0.051%</i>	
66	56.148	287.378	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	188 <i>0.022%</i>	831,946 <i>95.556%</i>	38,059 <i>4.371%</i>	440 <i>0.051%</i>	
66	57.176	420.487	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	191 <i>0.022%</i>	846,354 <i>95.464%</i>	39,584 <i>4.465%</i>	443 <i>0.050%</i>	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	58.143	560.821	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	199 0.022%	859,094 95.288%	41,830 4.640%	451 0.050%	
66	59.141	413.720	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	200 0.022%	873,208 95.220%	43,177 4.708%	459 0.050%	
66	62.295	606.311	89.830 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	203 0.022%	884,729 95.089%	44,956 4.832%	532 0.057%	
97	0.282	293.485	120.350 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	6,274 98.741%	80 1.259%	0	
97	1.280	718.342	90.340 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	34 0.117%	24,728 84.999%	4,322 14.856%	8 0.027%	
97	2.277	843.345	90.340 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	91 0.176%	44,462 85.786%	6,791 13.103%	485 0.936%	
97	3.275	475.512	87.260 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	142 0.190%	64,553 86.572%	9,379 12.578%	492 0.660%	
97	4.273	713.155	87.260 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	169 0.174%	83,235 85.544%	13,393 13.765%	504 0.518%	
97	5.280	536.171	87.260 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	197 0.164%	103,221 85.832%	16,328 13.577%	514 0.427%	
97	6.278	454.604	86.200 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	237 0.166%	123,587 86.466%	18,553 12.980%	555 0.388%	
97	7.275	632.707	86.200 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	278 0.168%	142,808 86.163%	22,085 13.325%	571 0.345%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
97	8.273	520.777	86.200 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	293 <i>0.155%</i>	162,842 <i>86.397%</i>	24,765 <i>13.139%</i>	580 <i>0.308%</i>	
97	9.281	535.741	86.200 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	368 <i>0.174%</i>	183,048 <i>86.570%</i>	27,367 <i>12.943%</i>	663 <i>0.314%</i>	
97	10.278	658.515	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	430 <i>0.184%</i>	202,290 <i>86.385%</i>	30,787 <i>13.147%</i>	665 <i>0.284%</i>	
97	11.276	540.479	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	452 <i>0.176%</i>	221,476 <i>86.205%</i>	34,325 <i>13.360%</i>	665 <i>0.259%</i>	
97	12.274	494.477	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	463 <i>0.166%</i>	241,802 <i>86.465%</i>	36,715 <i>13.129%</i>	674 <i>0.241%</i>	
97	13.271	490.565	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	524 <i>0.173%</i>	262,079 <i>86.669%</i>	39,107 <i>12.933%</i>	682 <i>0.226%</i>	
97	14.279	498.405	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	565 <i>0.174%</i>	282,268 <i>86.770%</i>	41,773 <i>12.841%</i>	699 <i>0.215%</i>	
97	15.276	473.398	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	617 <i>0.177%</i>	302,903 <i>87.021%</i>	43,851 <i>12.598%</i>	708 <i>0.203%</i>	
97	16.314	748.988	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	658 <i>0.177%</i>	322,950 <i>86.875%</i>	47,210 <i>12.700%</i>	921 <i>0.248%</i>	
97	17.272	936.533	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	696 <i>0.177%</i>	340,398 <i>86.490%</i>	51,337 <i>13.044%</i>	1,138 <i>0.289%</i>	
97	18.279	426.125	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	759 <i>0.182%</i>	361,212 <i>86.718%</i>	53,421 <i>12.825%</i>	1,144 <i>0.275%</i>	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
97	19.277	683.067	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	777 0.177%	380,340 86.585%	56,988 12.973%	1,161 0.264%	
97	20.275	688.308	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	794 0.172%	399,051 86.381%	60,953 13.194%	1,170 0.253%	
97	21.272	1,249.456	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	820 0.169%	417,976 86.239%	63,692 13.141%	2,184 0.451%	
97	22.280	389.252	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	875 0.172%	439,192 86.517%	65,375 12.878%	2,196 0.433%	
97	23.277	666.102	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	914 0.172%	458,049 86.363%	69,135 13.035%	2,278 0.430%	
97	24.275	478.751	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	977 0.177%	478,124 86.443%	71,723 12.967%	2,287 0.413%	
97	25.273	438.060	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	996 0.173%	498,746 86.611%	73,812 12.818%	2,295 0.399%	
97	26.280	610.716	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,030 0.172%	517,752 86.463%	77,731 12.981%	2,303 0.385%	
97	27.278	469.917	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,053 0.169%	537,525 86.488%	80,619 12.972%	2,303 0.371%	
97	28.276	362.090	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,076 0.167%	558,801 86.739%	82,042 12.735%	2,310 0.359%	
97	29.273	657.301	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,111 0.167%	578,309 86.700%	85,042 12.749%	2,564 0.384%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
97	30.281	583.880	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,147 0.166%	598,171 86.692%	88,080 12.765%	2,594 0.376%	
97	31.278	627.091	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,159 0.163%	617,509 86.640%	91,457 12.832%	2,603 0.365%	
97	32.276	574.954	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,163 0.158%	637,164 86.634%	94,524 12.852%	2,612 0.355%	
97	33.274	610.633	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,206 0.159%	656,571 86.596%	97,804 12.899%	2,622 0.346%	
97	34.271	501.046	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,253 0.160%	676,484 86.630%	100,520 12.873%	2,632 0.337%	
97	35.279	687.906	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,286 0.160%	696,251 86.609%	103,632 12.891%	2,736 0.340%	
97	36.276	578.300	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,297 0.157%	715,463 86.555%	107,098 12.956%	2,744 0.332%	
97	37.274	457.428	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,365 0.161%	735,820 86.631%	109,435 12.884%	2,753 0.324%	
97	38.272	436.387	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,388 0.159%	756,413 86.733%	111,550 12.791%	2,763 0.317%	
97	39.279	584.287	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,425 0.159%	775,839 86.678%	115,048 12.853%	2,770 0.309%	
97	40.277	419.888	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,432 0.156%	796,540 86.786%	117,065 12.755%	2,781 0.303%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
97	41.275	574.699	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,482 <i>0.158%</i>	816,378 <i>86.798%</i>	119,886 <i>12.746%</i>	2,799 <i>0.298%</i>	
97	42.272	746.749	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,526 <i>0.158%</i>	834,837 <i>86.671%</i>	124,054 <i>12.879%</i>	2,806 <i>0.291%</i>	
97	43.280	412.062	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,601 <i>0.162%</i>	855,199 <i>86.731%</i>	126,430 <i>12.822%</i>	2,806 <i>0.285%</i>	
97	44.277	397.241	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,618 <i>0.160%</i>	876,368 <i>86.856%</i>	128,194 <i>12.705%</i>	2,814 <i>0.279%</i>	
97	45.275	575.161	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,646 <i>0.160%</i>	895,944 <i>86.839%</i>	131,295 <i>12.726%</i>	2,847 <i>0.276%</i>	
97	46.273	2,015.963	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,669 <i>0.158%</i>	914,434 <i>86.752%</i>	133,856 <i>12.699%</i>	4,114 <i>0.390%</i>	
97	47.280	687.949	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,679 <i>0.156%</i>	933,656 <i>86.687%</i>	137,497 <i>12.766%</i>	4,206 <i>0.391%</i>	
97	48.278	574.079	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,714 <i>0.156%</i>	952,947 <i>86.649%</i>	140,902 <i>12.812%</i>	4,215 <i>0.383%</i>	
97	49.276	630.823	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,722 <i>0.153%</i>	972,299 <i>86.618%</i>	144,266 <i>12.852%</i>	4,225 <i>0.376%</i>	
97	50.273	614.229	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,739 <i>0.152%</i>	992,193 <i>86.635%</i>	147,082 <i>12.843%</i>	4,236 <i>0.370%</i>	
97	51.281	536.802	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,777 <i>0.152%</i>	1,012,099 <i>86.636%</i>	150,094 <i>12.848%</i>	4,247 <i>0.364%</i>	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
97	52.278	611.077	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1,783 0.150%	1,031,793 86.636%	153,114 12.856%	4,260 0.358%	
97	53.276	675.163	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1,811 0.149%	1,051,012 86.596%	156,597 12.903%	4,270 0.352%	
97	54.274	513.226	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1,846 0.149%	1,070,818 86.606%	159,486 12.899%	4,277 0.346%	
97	55.271	611.406	82.780 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1,874 0.149%	1,090,382 86.596%	162,512 12.906%	4,395 0.349%	
97	56.279	478.832	82.290 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1,921 0.150%	1,110,777 86.635%	165,028 12.871%	4,404 0.343%	
97	57.277	463.006	82.290 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1,961 0.150%	1,130,986 86.676%	167,486 12.836%	4,413 0.338%	
97	58.274	573.902	82.290 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1,989 0.150%	1,150,204 86.638%	170,988 12.879%	4,423 0.333%	
97	59.272	438.884	82.290 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2,014 0.149%	1,170,796 86.709%	173,019 12.814%	4,431 0.328%	
97	62.567	453.171	82.290 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2,056 0.150%	1,185,374 86.714%	175,131 12.811%	4,431 0.324%	
128	36,984.648	849.026	94.160 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,604,107 89.275%	162,238 9.029%	30,465 1.696%	
252	0.363	8,386.399	5302.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	0	13,186 82.676%	2,763 17.324%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
252	1.350	6,442.242	2584.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	61,073 90.262%	6,589 9.738%	
252	2.348	6,728.024	2584.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	108,990 91.154%	10,577 8.846%	
252	3.356	6,901.024	2584.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	155,344 90.740%	15,853 9.260%	
252	4.353	6,969.435	2404.880 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	201,545 90.952%	20,051 9.048%	
252	5.351	6,868.539	2404.880 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	248,259 91.039%	24,436 8.961%	
252	6.348	6,995.835	2404.880 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	293,530 90.781%	29,807 9.219%	
252	7.346	6,975.547	2404.880 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	339,404 90.709%	34,765 9.291%	
252	8.354	6,787.976	2353.120 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	387,172 90.827%	39,100 9.173%	
252	9.351	6,746.506	2353.120 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	434,516 90.884%	43,581 9.116%	
252	10.349	7,531.783	2353.120 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	475,790 90.398%	50,536 9.602%	
252	11.346	6,668.840	2353.120 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	523,785 90.554%	54,637 9.446%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
252	12.354	6,753.825	2353.120 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	571,818 90.686%	58,732 9.314%	
252	13.352	6,375.008	2353.120 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	621,776 91.041%	61,184 8.959%	
252	14.349	6,761.860	2353.120 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	669,346 91.095%	65,429 8.905%	
252	15.347	6,812.977	2353.120 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	716,262 91.093%	70,039 8.907%	
252	16.355	6,828.526	2353.120 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	763,419 91.089%	74,682 8.911%	
252	17.352	6,912.103	2353.120 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	810,153 91.124%	78,915 8.876%	
252	18.350	7,050.168	2348.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	856,530 91.178%	82,870 8.822%	
252	19.347	6,860.840	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	903,214 91.186%	87,308 8.814%	
252	20.355	6,885.177	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	950,149 91.171%	92,013 8.829%	
252	21.353	6,826.852	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	997,283 91.208%	96,133 8.792%	
252	22.350	6,835.944	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,044,319 91.227%	100,424 8.773%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
			<i>microseconds</i>				<i>packets</i>					
252	23.348	6,921.341	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,090,360 91.197%	105,246 8.803%
252	24.356	7,137.327	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,134,816 91.072%	111,252 8.928%
252	25.353	6,910.511	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,181,496 91.094%	115,517 8.906%
252	26.351	6,461.153	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,230,515 91.227%	118,339 8.773%
252	27.348	6,731.235	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,278,496 91.234%	122,845 8.766%
252	28.346	6,850.084	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,325,263 91.251%	127,062 8.749%
252	29.354	7,152.391	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,369,754 91.123%	133,436 8.877%
252	30.351	6,845.109	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,416,767 91.148%	137,598 8.852%
252	31.349	6,864.793	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,463,335 91.152%	142,036 8.848%
252	32.347	6,843.095	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,509,864 91.145%	146,696 8.855%
252	33.354	7,001.200	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,555,731 91.127%	151,484 8.873%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
252	34.352	6,829.981	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,602,821 91.151%	155,603 8.849%	
252	35.349	6,822.139	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,649,966 91.178%	159,645 8.822%	
252	36.347	7,071.543	2343.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,694,819 91.117%	165,226 8.883%	
252	37.355	6,907.298	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,742,551 91.166%	168,853 8.834%	
252	38.352	6,760.608	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,790,861 91.250%	171,731 8.750%	
252	39.350	6,796.101	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,837,762 91.258%	176,055 8.742%	
252	40.348	6,354.581	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,888,319 91.374%	178,265 8.626%	
252	41.355	6,973.337	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,934,813 91.353%	183,143 8.647%	
252	42.474	6,763.949	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	1,988,049 91.392%	187,242 8.608%	
252	43.350	7,058.463	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	2,027,604 91.344%	192,141 8.656%	
252	44.348	6,906.065	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	0	2,073,897 91.346%	196,478 8.654%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
252	45.346	6,608.764	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,121,492 91.384%	200,023 8.616%	
252	46.353	6,749.887	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,169,239 91.386%	204,471 8.614%	
252	47.351	6,705.447	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,216,233 91.376%	209,154 8.624%	
252	48.348	6,945.583	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,262,089 91.342%	214,429 8.658%	
252	49.346	6,983.055	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,308,701 91.338%	218,941 8.662%	
252	50.354	7,023.165	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,354,776 91.318%	223,881 8.682%	
252	51.351	6,855.397	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,401,532 91.320%	228,262 8.680%	
252	52.349	6,946.916	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,447,309 91.298%	233,271 8.702%	
252	53.347	6,735.962	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,494,734 91.327%	236,925 8.673%	
252	54.354	6,618.655	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,543,747 91.358%	240,621 8.642%	
252	55.352	7,084.343	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,588,550 91.313%	246,247 8.687%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
252	56.349	6,743.986	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,637,165 91.381%	248,726 8.619%	
252	57.347	7,794.110	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,681,651 91.445%	250,893 8.555%	
252	58.355	6,947.116	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,727,968 91.424%	255,889 8.576%	
252	59.352	7,529.693	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,771,475 91.399%	260,812 8.601%	
252	62.718	7,563.954	2325.130 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	2,799,614 91.357%	264,873 8.643%	
500	0.232	24,880.74 1	14845.70 0 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	0	5,215 100.000%	
500	1.219	24,356.86 6	14845.70 0 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	0	30,700 100.000%	
500	2.217	24,252.34 1	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30 0.053%	56,520 99.947%	
500	3.214	23,894.93 0	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30 0.036%	82,410 99.964%	
500	4.222	23,317.01 8	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30 0.027%	109,940 99.973%	
500	5.220	24,275.27 2	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30 0.022%	135,750 99.978%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
		<i>microseconds</i>						<i>packets</i>					
500	6.217	24,058.81 1	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30	0.019% 99.981%	
500	7.225	24,213.37 8	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30	0.016% 99.984%	
500	8.223	23,827.07 1	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30	0.014% 99.986%	
500	9.220	23,991.42 5	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30	0.012% 99.988%	
500	10.218	23,782.31 5	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30	0.011% 99.989%	
500	11.215	22,914.17 4	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30	0.010% 99.990%	
500	12.213	23,097.68 8	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30	0.009% 99.991%	
500	13.221	23,981.80 8	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30	0.009% 99.991%	
500	14.218	23,358.03 5	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30	0.008% 99.992%	
500	15.216	24,179.27 4	9548.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	30	0.007% 99.993%	

*Note: Max rows reached. Export to csv or zip to view all

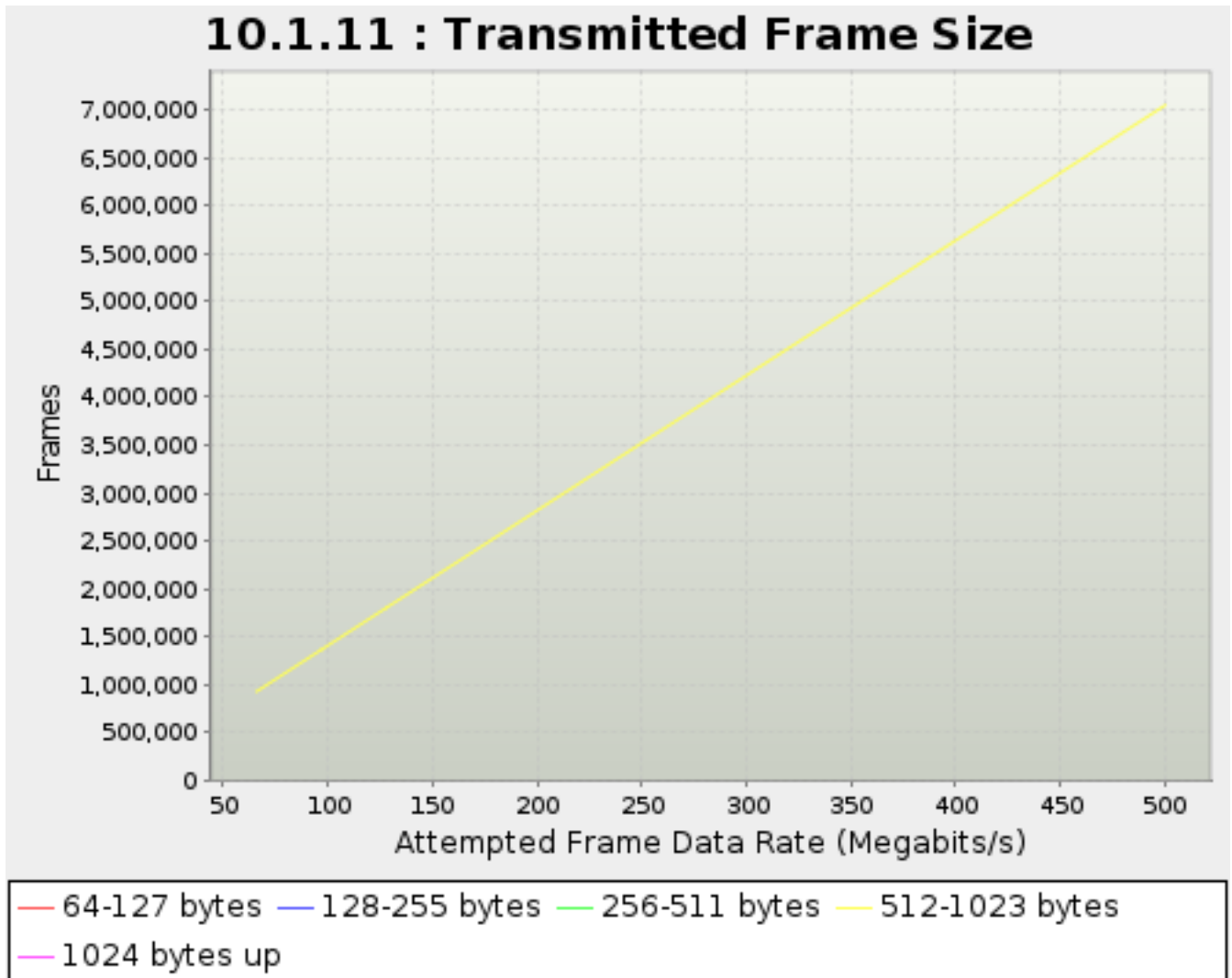
10.1.10. Component Summary

Attempted Frame Data Rate	Frames transmitted	Frames received	Frame bytes transmitted	Frame bytes received
	<i>Frames</i>		<i>Frame bytes</i>	
66	930,420	930,420 100.000%	476,375,040	476,375,040 100.000%
97	1,367,460	1,366,992 99.966%	700,139,520	699,899,904 99.966%
128	1,804,500	1,796,811 99.574%	923,904,000	919,967,232 99.574%
252	3,552,600	3,064,487 86.260%	1,818,931,200	1,569,017,344 86.260%
500	7,048,860	1,589,565 22.551%	3,609,016,320	813,857,280 22.551%

Attempted Frame Data Rate	Maximum frame transmit rate	Maximum frame receive rate	Maximum frame data transmit rate	Maximum frame data receive rate
	<i>Frames/s</i>		<i>Megabits/s</i>	
66	~15510	~15620	~66	66.49
97	~22790	~23010	~97	97.94
128	48.79	48.58	0.2077	0.2068
252	~59210	~52890	~252	225.1
500	~117500	~27730	~500	~118

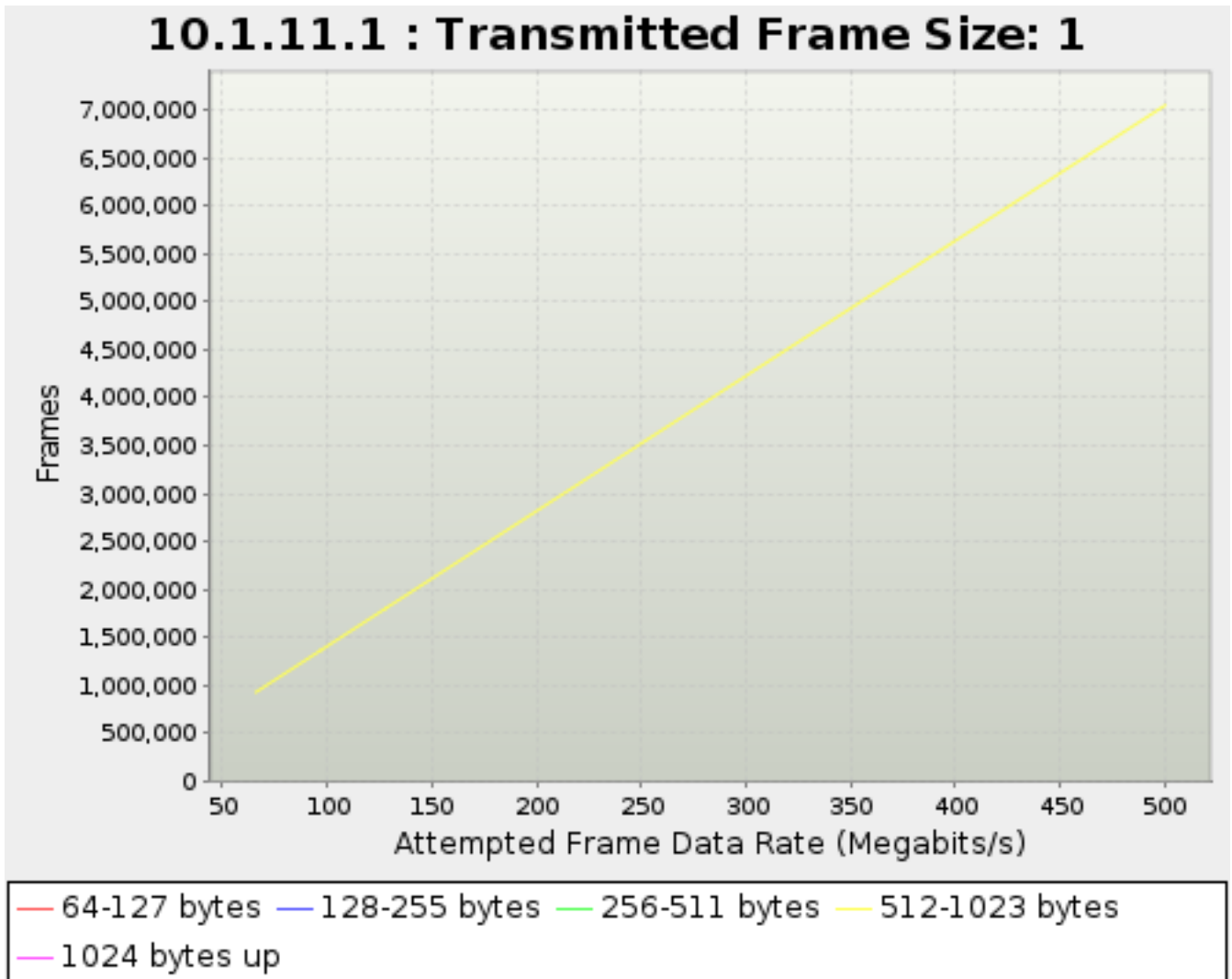
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
66	0	148	0	0	64	0	0	0
97	0	421	0	0	64	468	0	0
128	0	2,079	0	0	64	7,689	0	0
252	0	216,296	0	0	64	488,113	0	0
500	0	415,165	0	0	64	5,459,295	0	0

10.1.11. Transmitted Frame Size



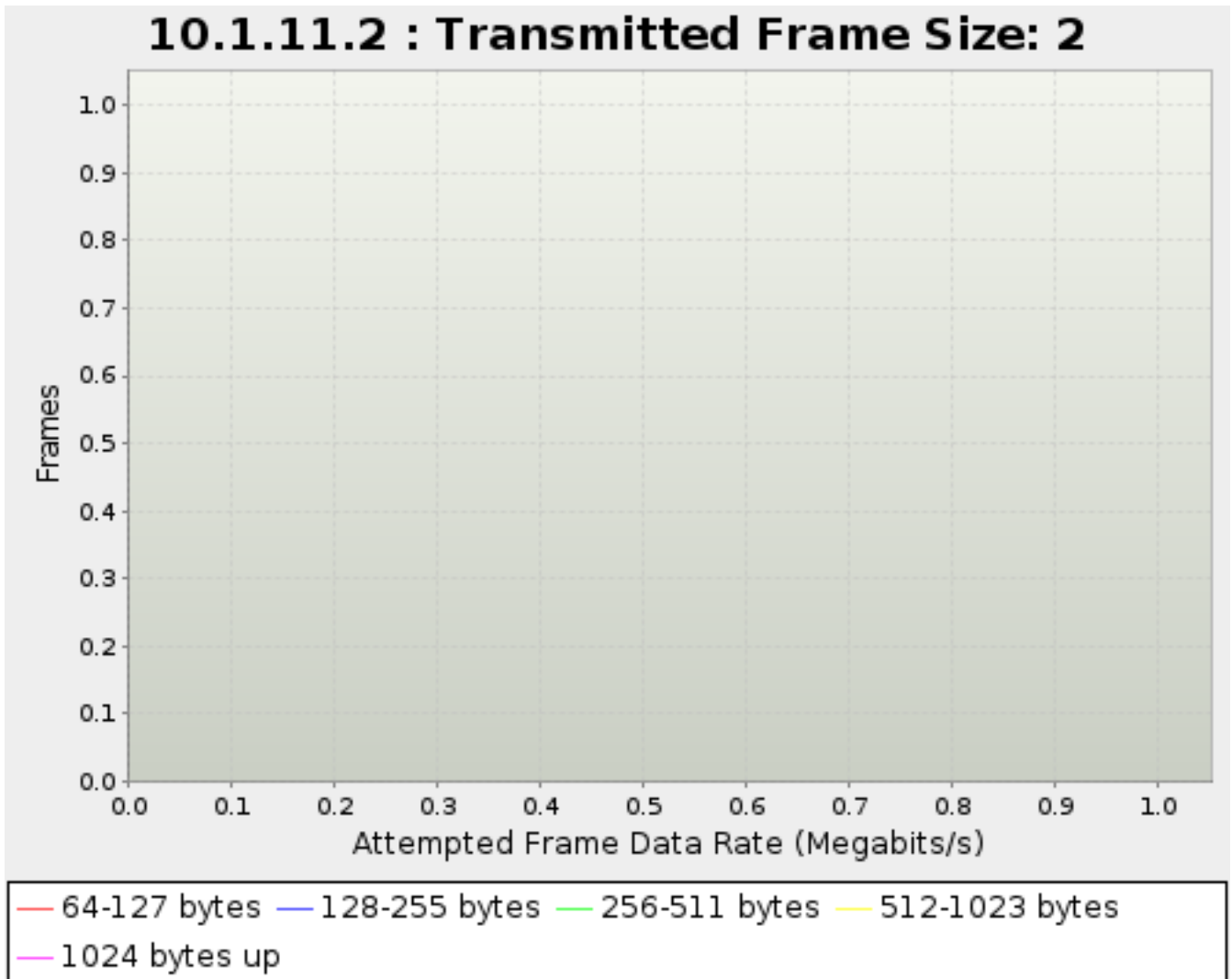
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
66	62.295	0	0	0	930,420	0
97	62.567	0	0	0	1,367,460	0
128	36,984.648	0	0	0	1,804,500	0
252	62.718	0	0	0	3,552,600	0
500	62.446	0	0	0	7,048,860	0

10.1.11.1. Transmitted Frame Size: 1



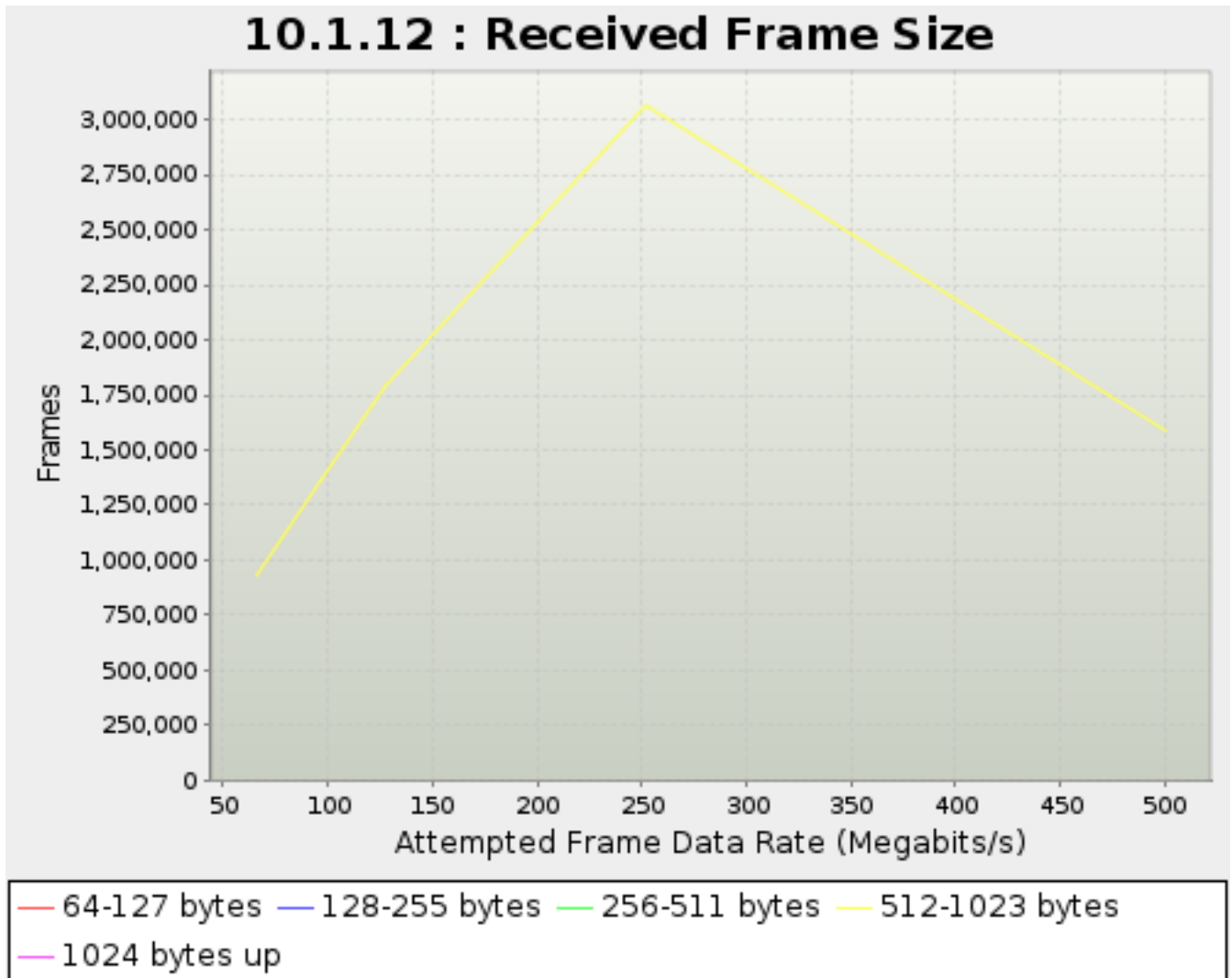
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
66	62.295	0	0	0	930,420	0
97	62.567	0	0	0	1,367,460	0
128	36,984.648	0	0	0	1,804,500	0
252	62.718	0	0	0	3,552,600	0
500	62.446	0	0	0	7,048,860	0

10.1.11.2. Transmitted Frame Size: 2



Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
66	62.295	0	0	0	0	0
97	62.567	0	0	0	0	0
128	36,984.648	0	0	0	0	0
252	62.718	0	0	0	0	0
500	62.446	0	0	0	0	0

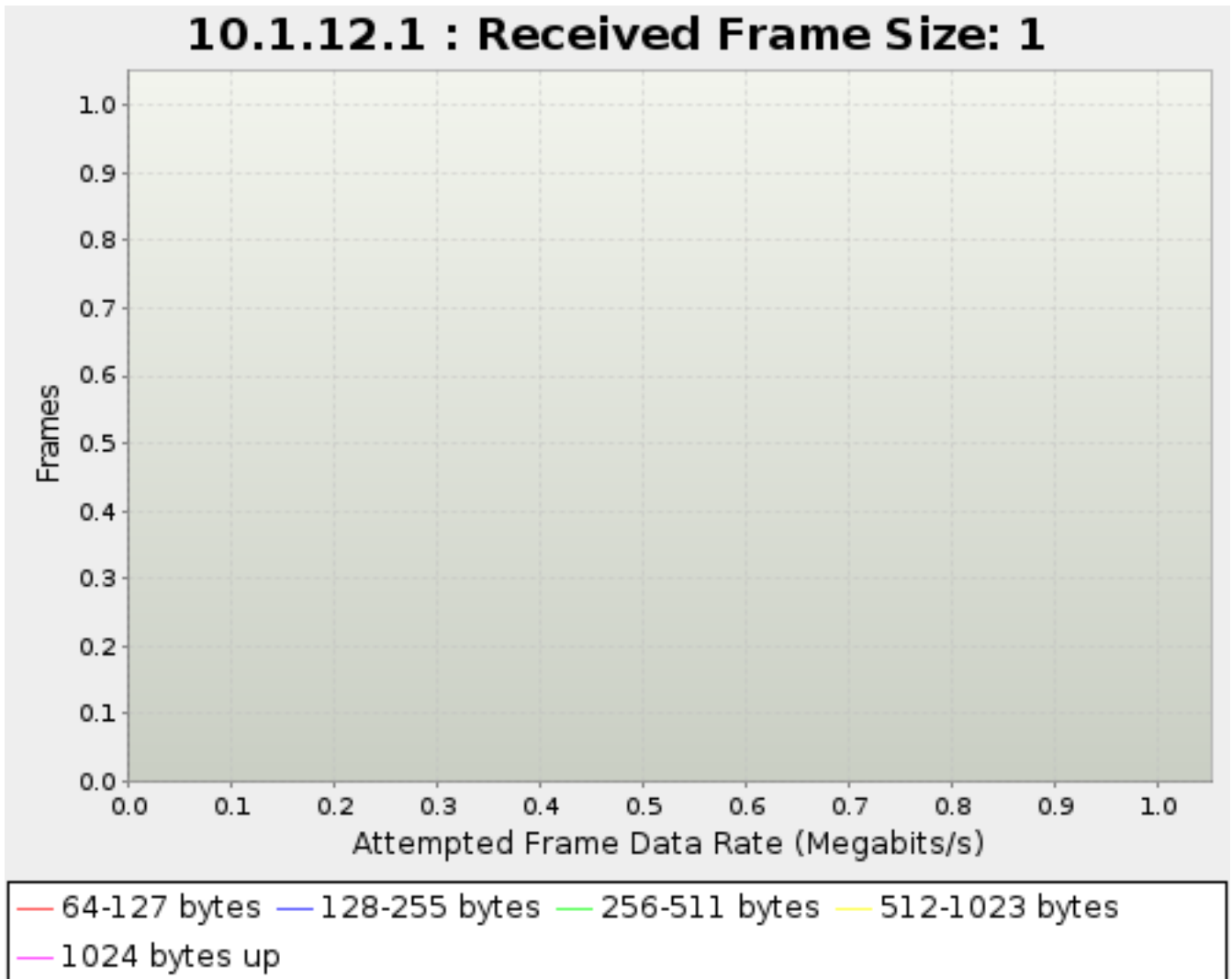
10.1.12. Received Frame Size



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
66	62.295	0	0	0	930,420	0
97	62.567	0	0	0	1,366,992	0
128	36,984.648	0	0	0	1,796,811	0
252	62.718	0	0	0	3,064,487	0
500	62.446	0	0	0	1,589,565	0

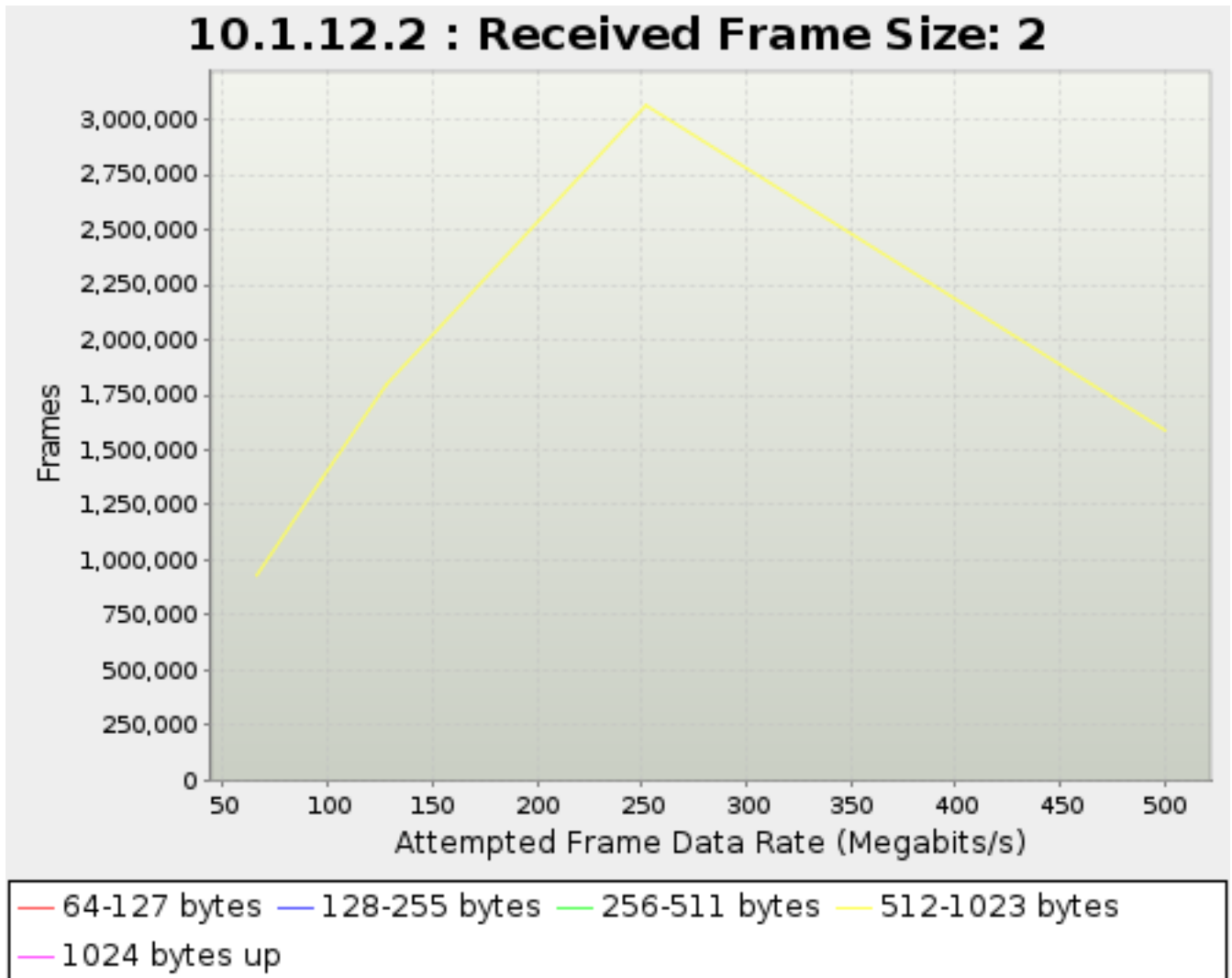
10.1.12.1. Received Frame Size: 1



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
66	62.295	0	0	0	0	0
97	62.567	0	0	0	0	0
128	36,984.648	0	0	0	0	0
252	62.718	0	0	0	0	0
500	62.446	0	0	0	0	0

10.1.12.2. Received Frame Size: 2



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
66	62.295	0	0	0	930,420	0
97	62.567	0	0	0	1,366,992	0
128	36,984.648	0	0	0	1,796,811	0
252	62.718	0	0	0	3,064,487	0
500	62.446	0	0	0	1,589,565	0

10.2. Aggregate Stats

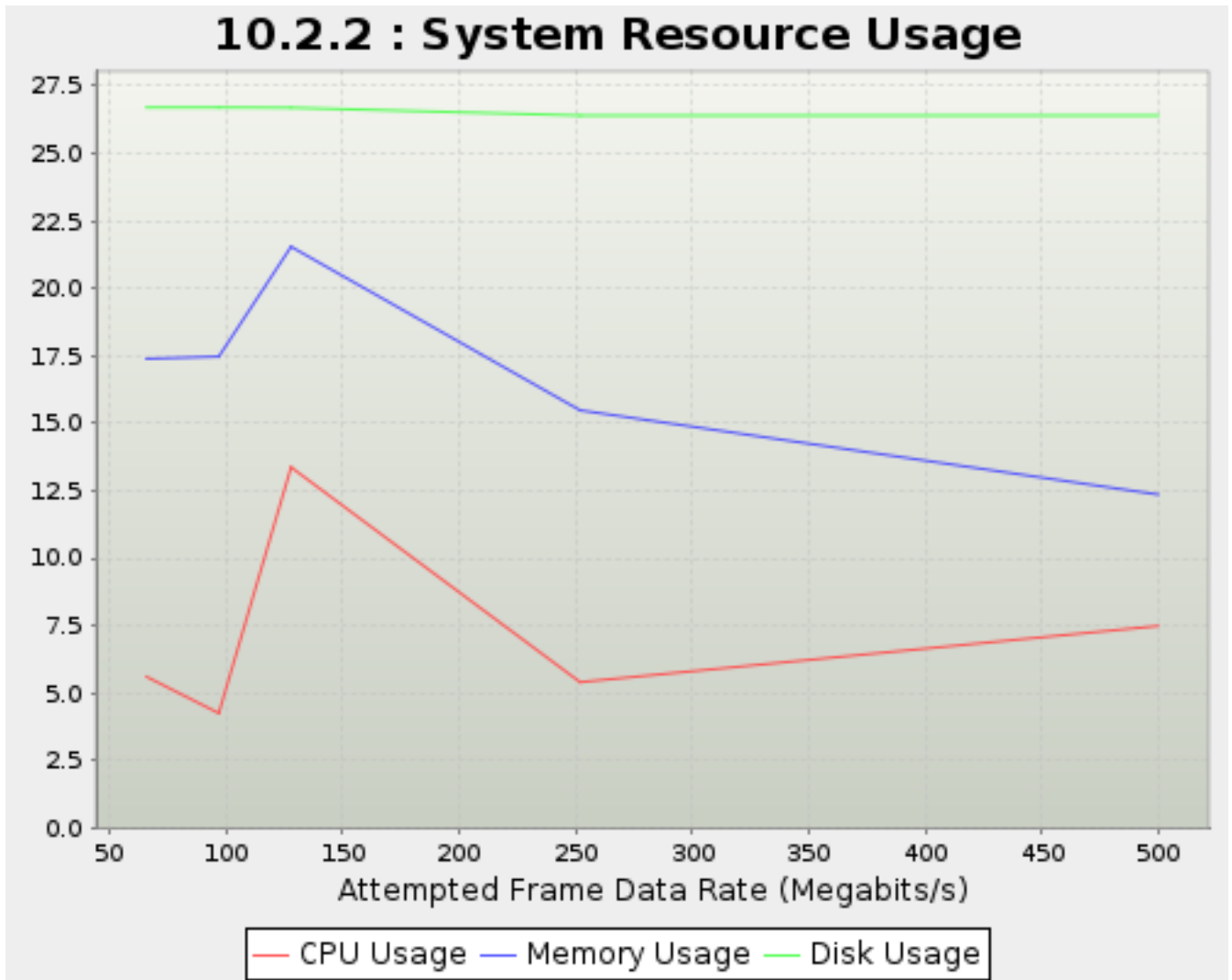
10.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

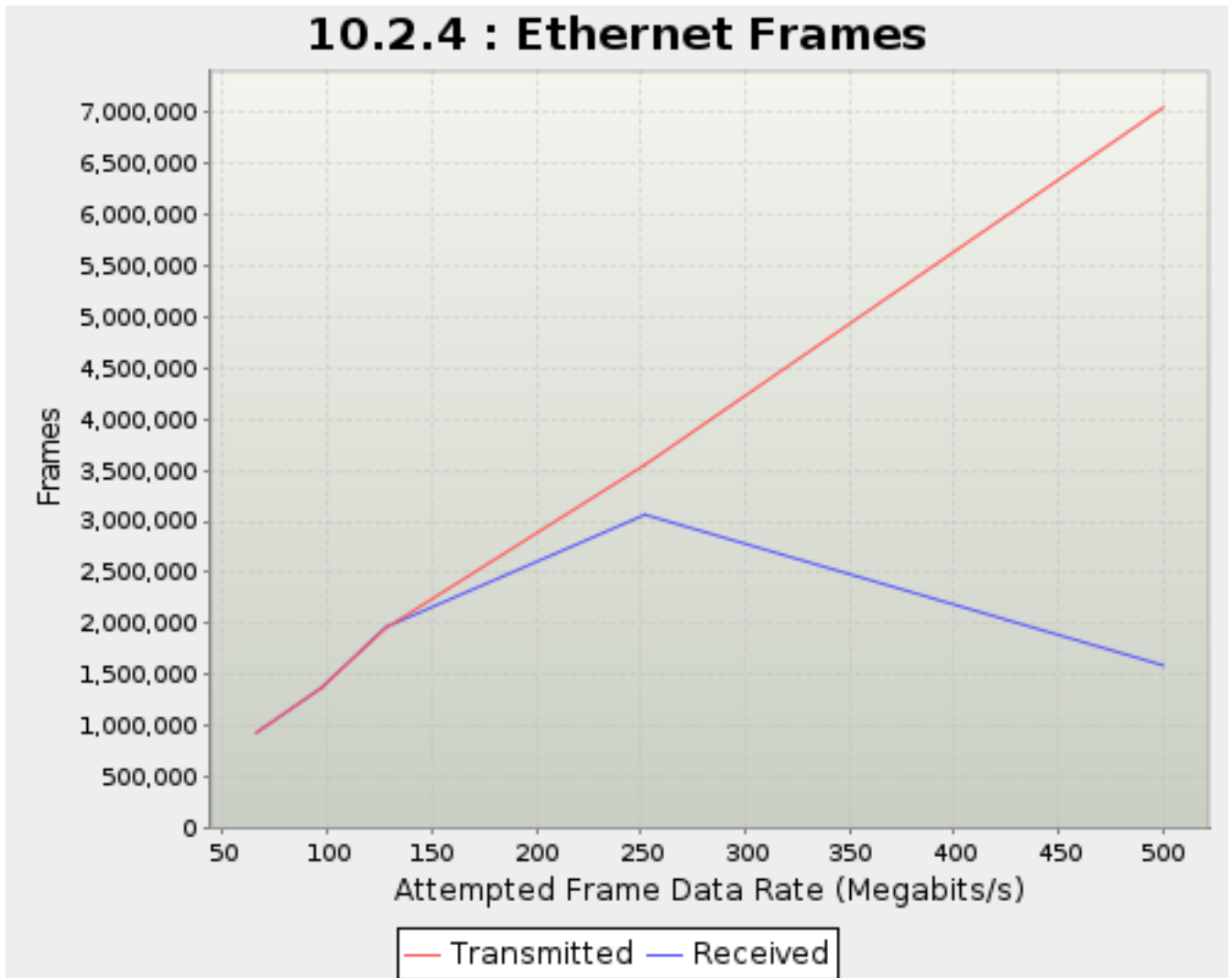
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

10.2.2. System Resource Usage



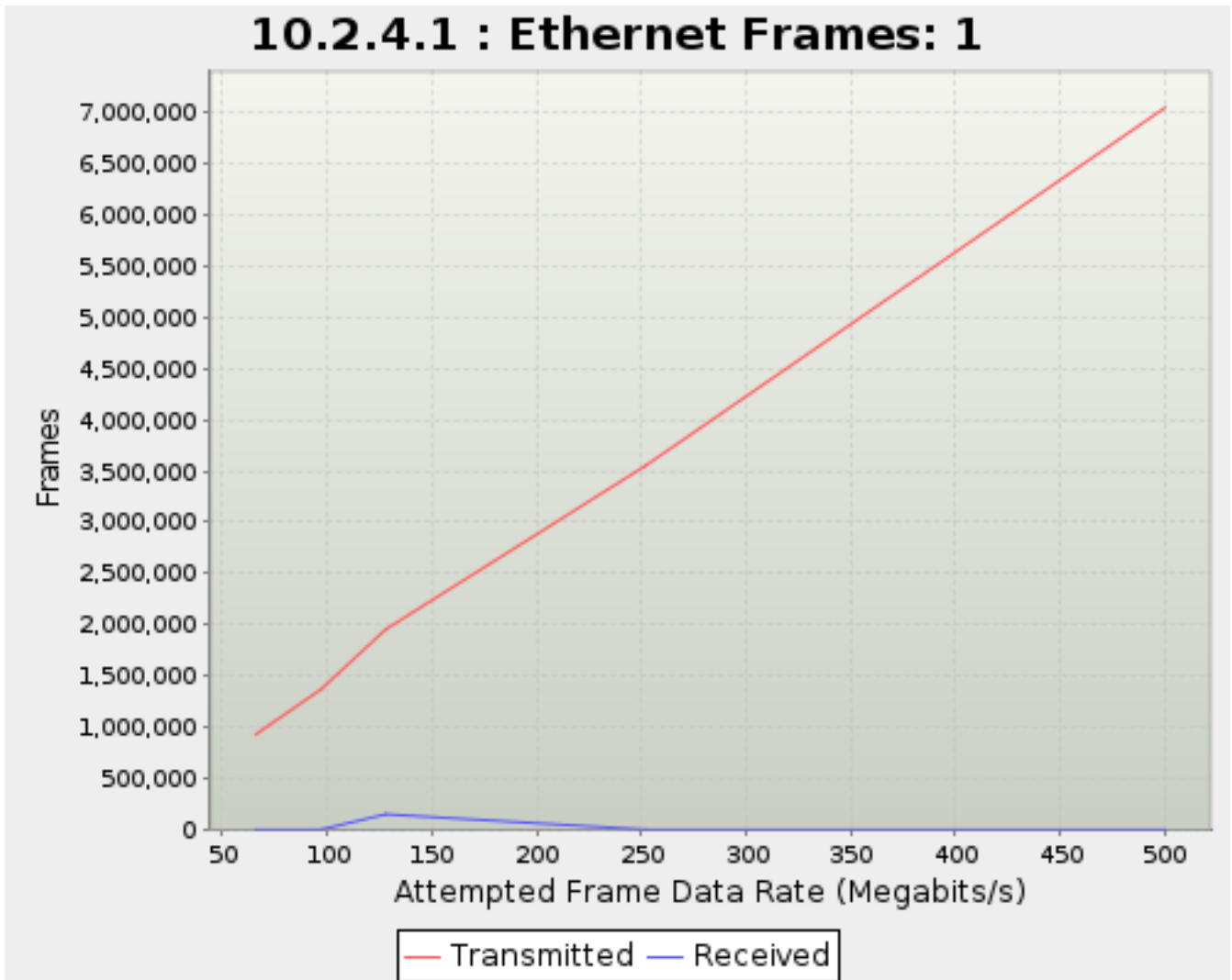
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
66	63.535	5.61	17.39	26.70
97	63.707	4.26	17.47	26.70
128	18,494.830	13.37	21.54	26.69
252	63.854	5.41	15.48	26.40
500	63.654	7.49	12.36	26.40

10.2.4. Ethernet Frames



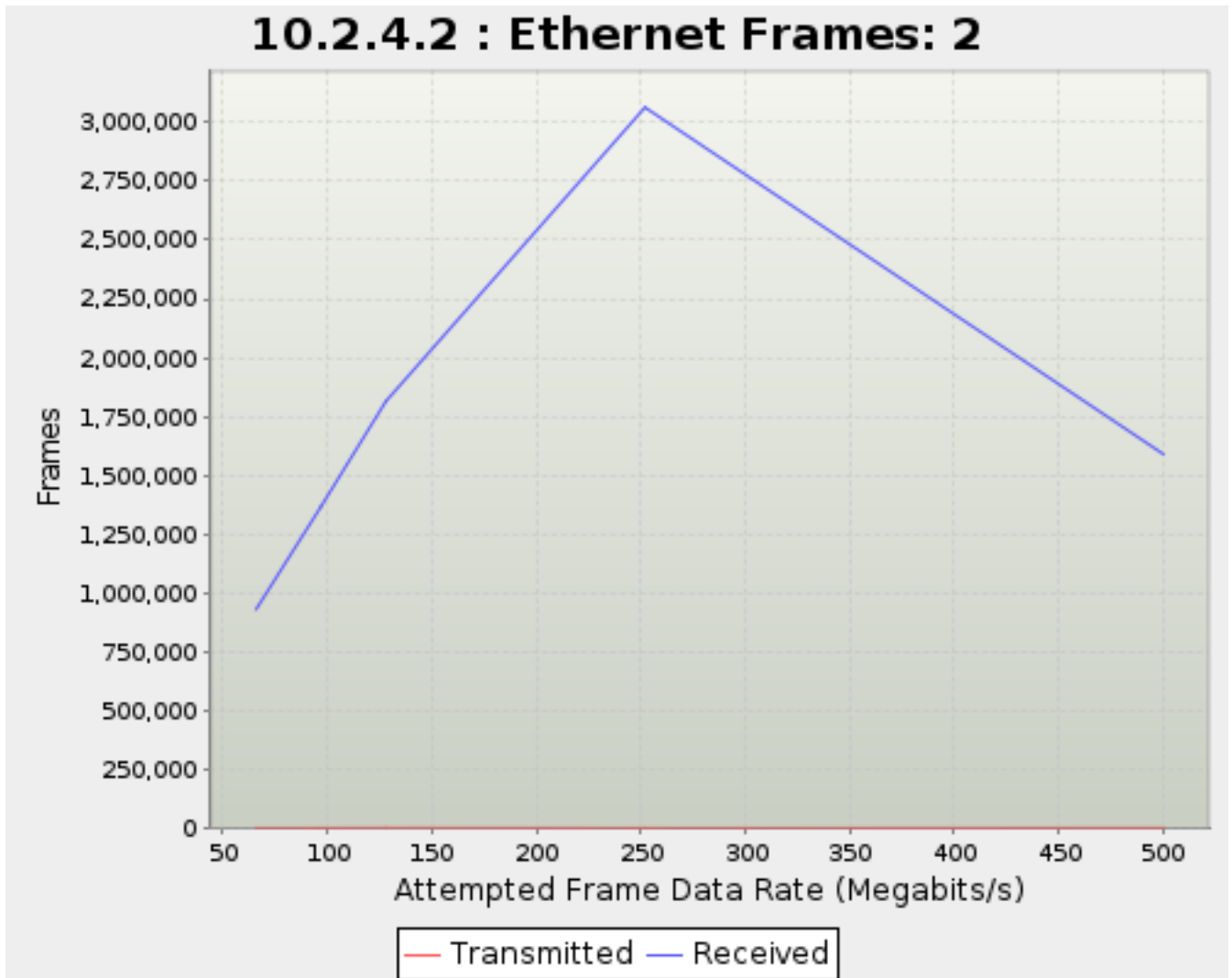
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.524	931,311	931,416 100.011%
97	63.706	1,368,474	1,368,155 99.977%
128	18,494.768	1,956,082	1,965,179 100.465%
252	63.847	3,553,492	3,065,549 86.269%
500	63.645	7,050,099	1,590,922 22.566%

10.2.4.1. Ethernet Frames: 1



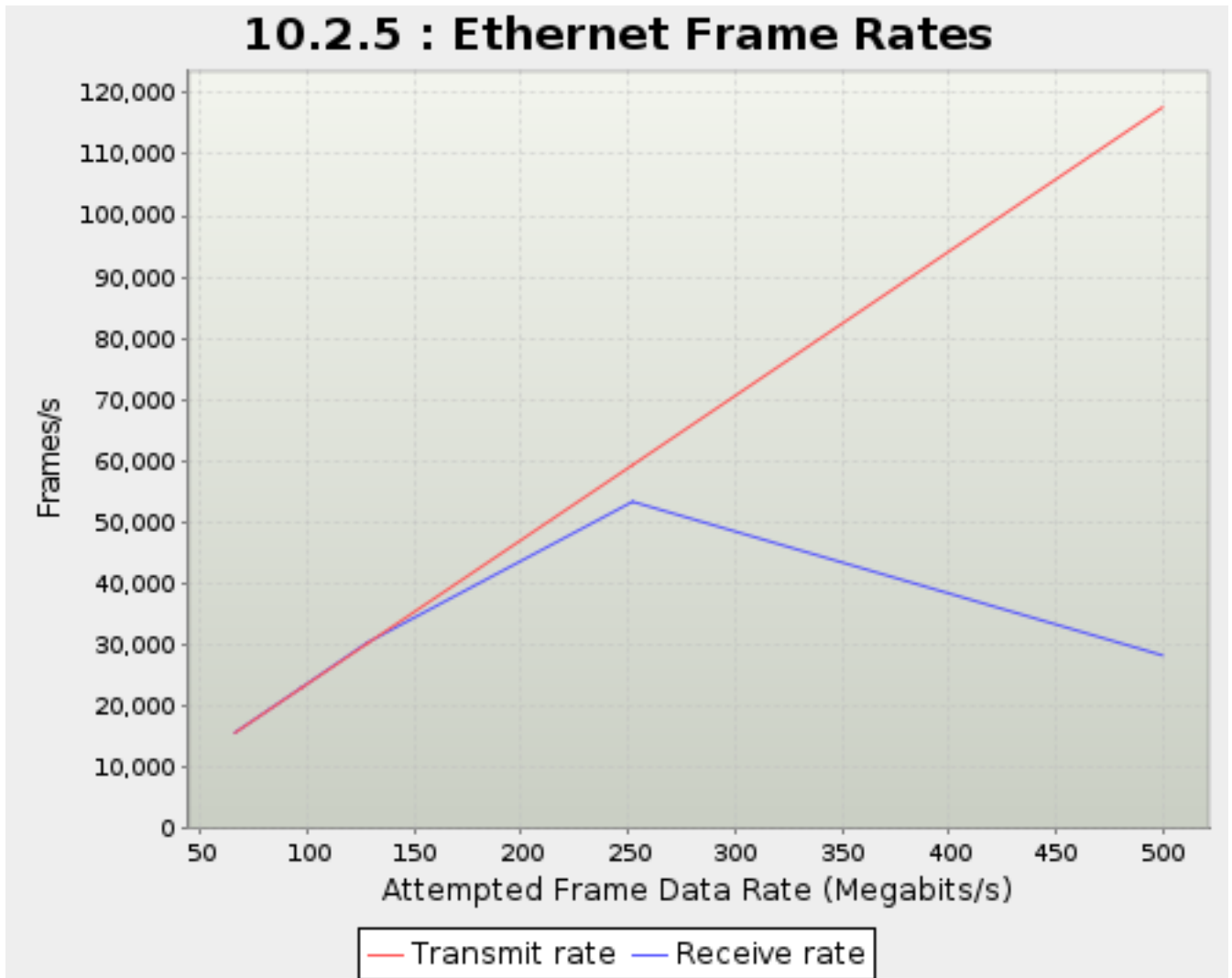
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.524	931,185	737 0.079%
97	63.706	1,368,409	965 0.071%
128	18,494.768	1,955,423	150,898 7.717%
252	63.847	3,553,424	862 0.024%
500	63.645	7,049,720	848 0.012%

10.2.4.2. Ethernet Frames: 2



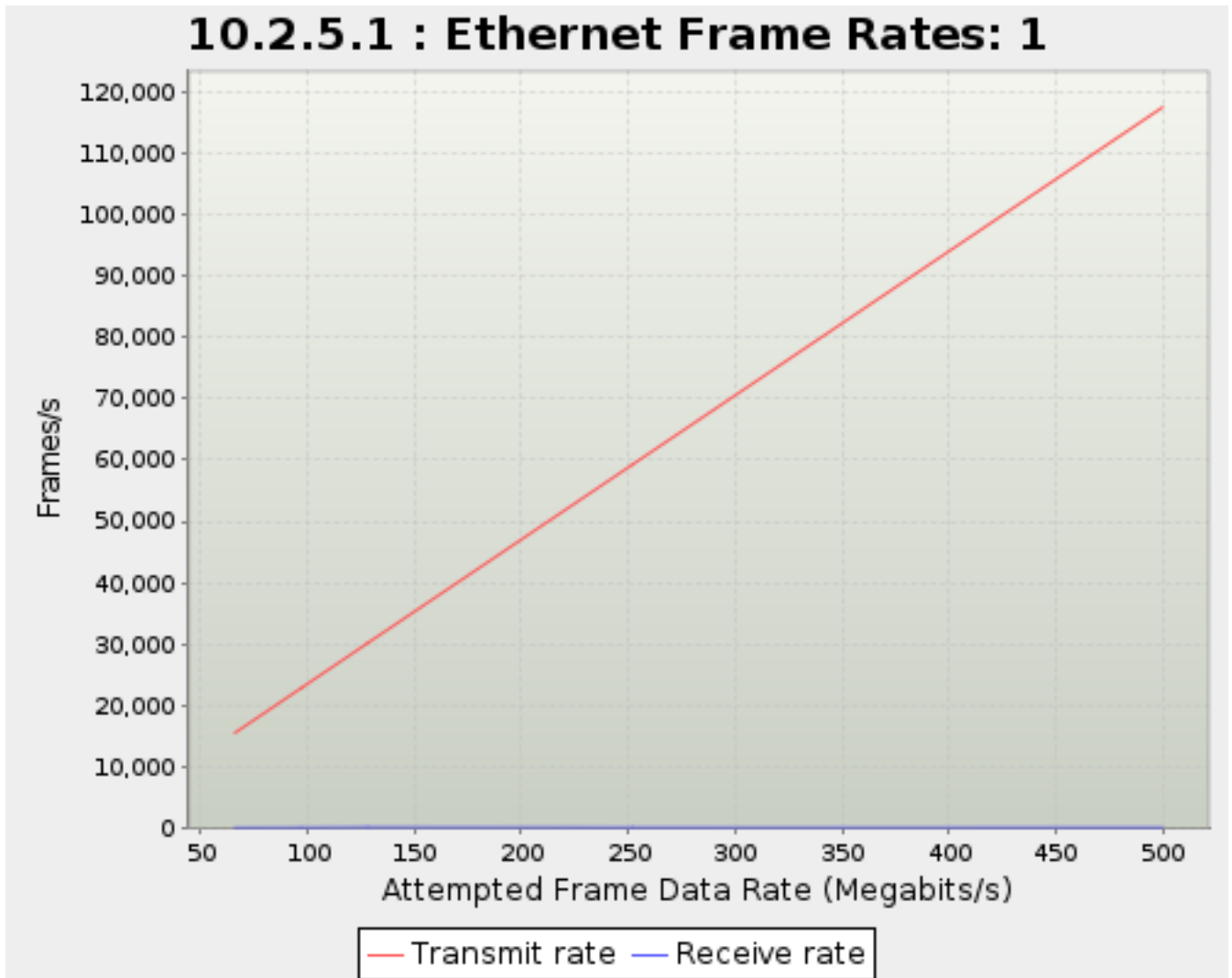
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.524	126	930,679 738634.127%
97	63.706	65	1,367,190 2103369.231%
128	18,494.768	659	1,814,281 275308.194%
252	63.847	68	3,064,687 4506892.647%
500	63.645	379	1,590,074 419544.591%

10.2.5. Ethernet Frame Rates



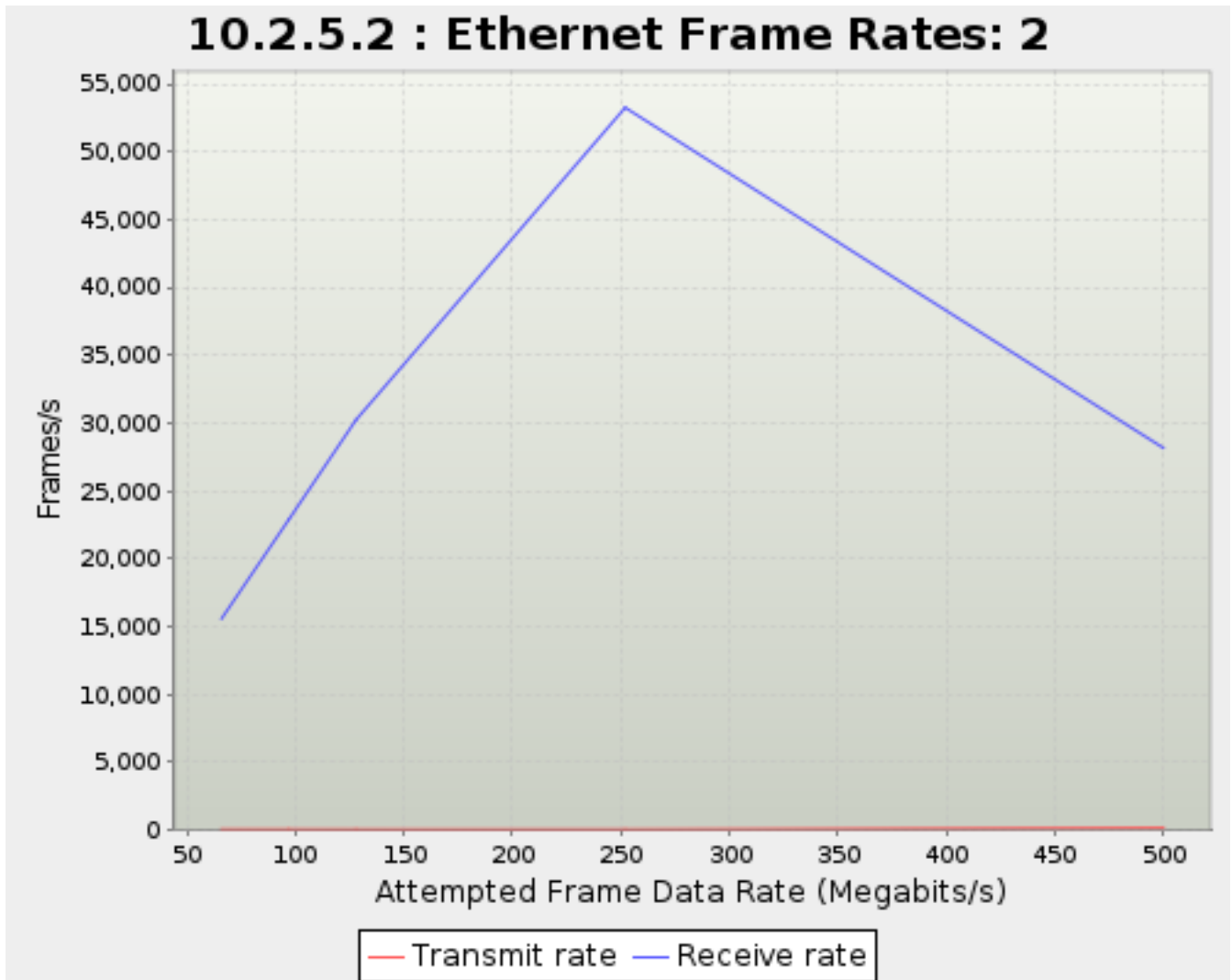
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate
66	63.524	~15570	~15600
97	63.706	~22870	~22920
128	18,494.768	~30170	~30320
252	63.847	~59290	~53300
500	63.645	~117700	~28210

10.2.5.1. Ethernet Frame Rates: 1



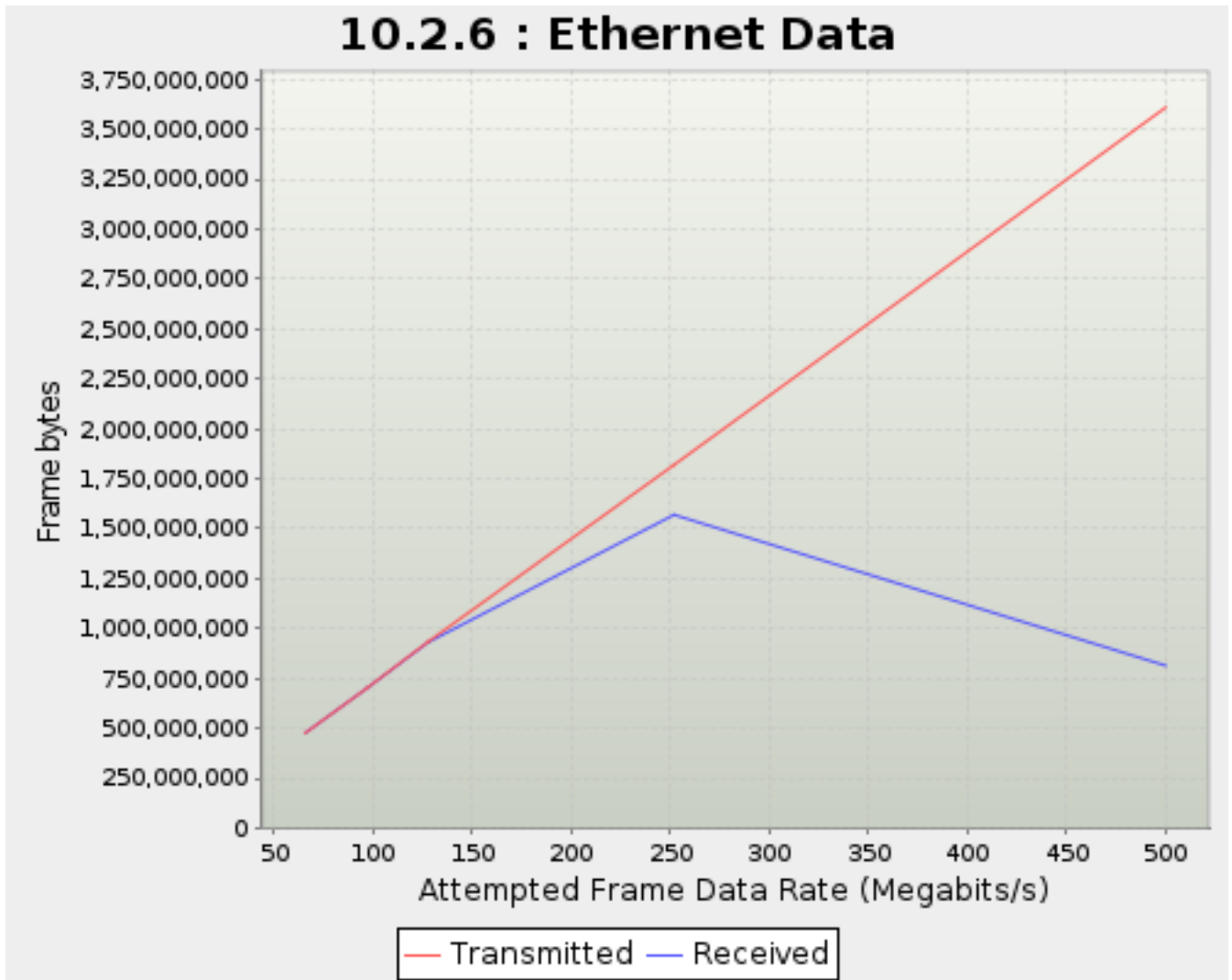
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	63.524	~15540	34.08
97	63.706	~22840	46.64
128	18,494.768	~30150	91.19
252	63.847	~59270	55.62
500	63.645	~117500	58.69

10.2.5.2. Ethernet Frame Rates: 2



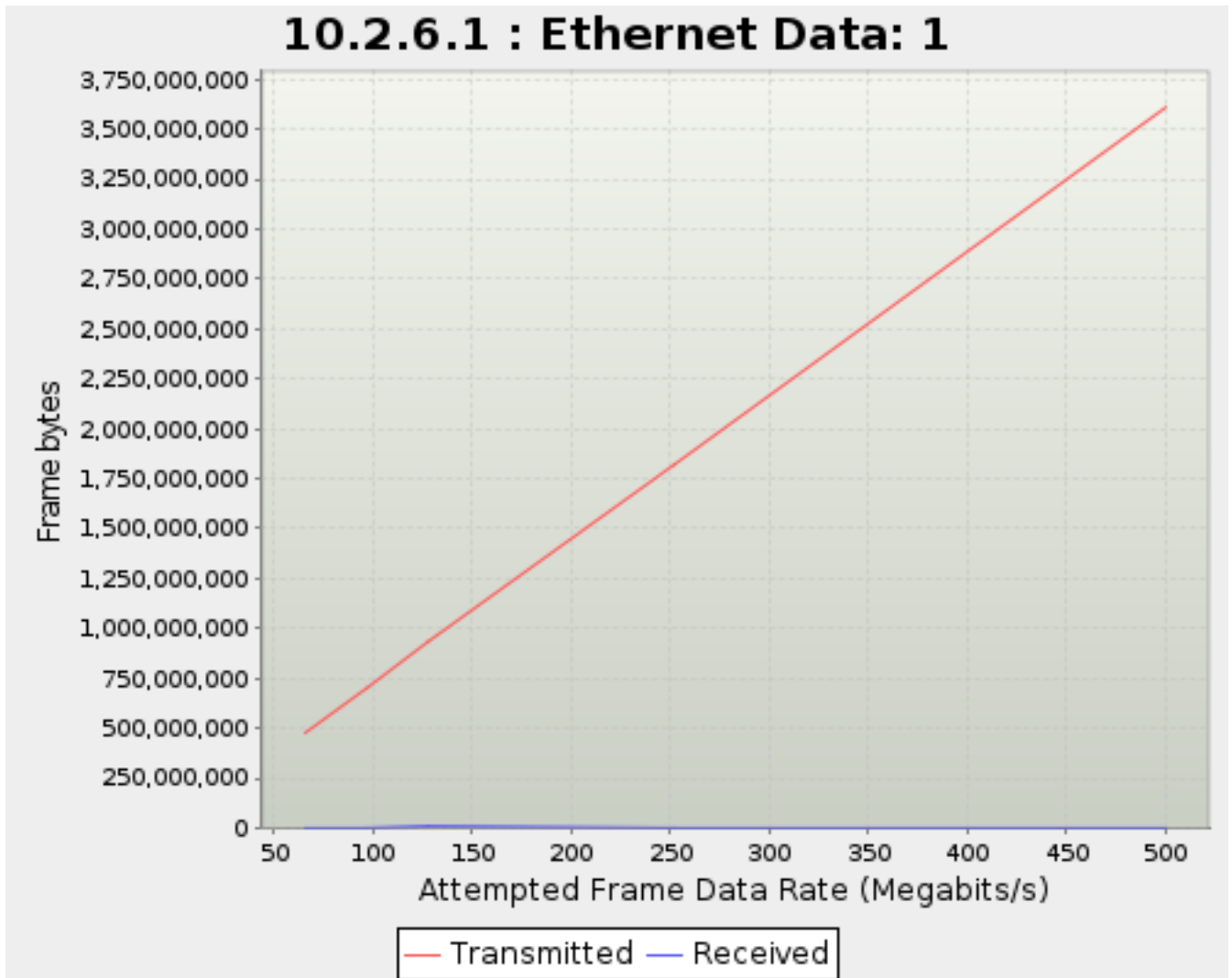
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	63.524	31.07	~15560
97	63.706	29.77	~22870
128	18,494.768	26.27	~30230
252	63.847	24.81	~53250
500	63.645	131.3	~28150

10.2.6. Ethernet Data



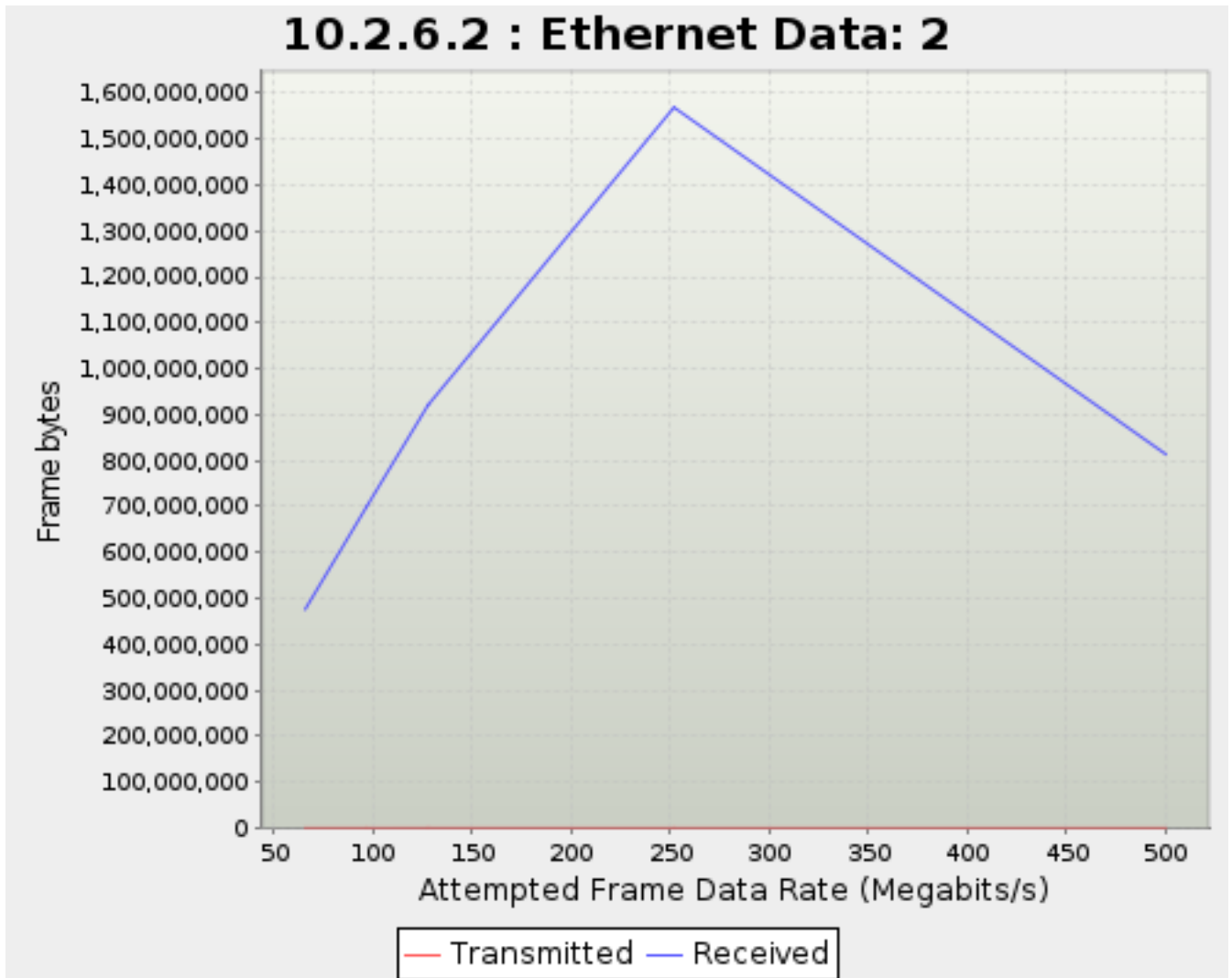
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.524	476,460,736	476,467,854 100.001%
97	63.706	700,233,088	700,003,497 99.967%
128	18,494.768	933,633,920	930,883,497 99.705%
252	63.847	1,819,016,960	1,569,114,318 86.262%
500	63.645	3,609,124,288	813,973,289 22.553%

10.2.6.1. Ethernet Data: 1



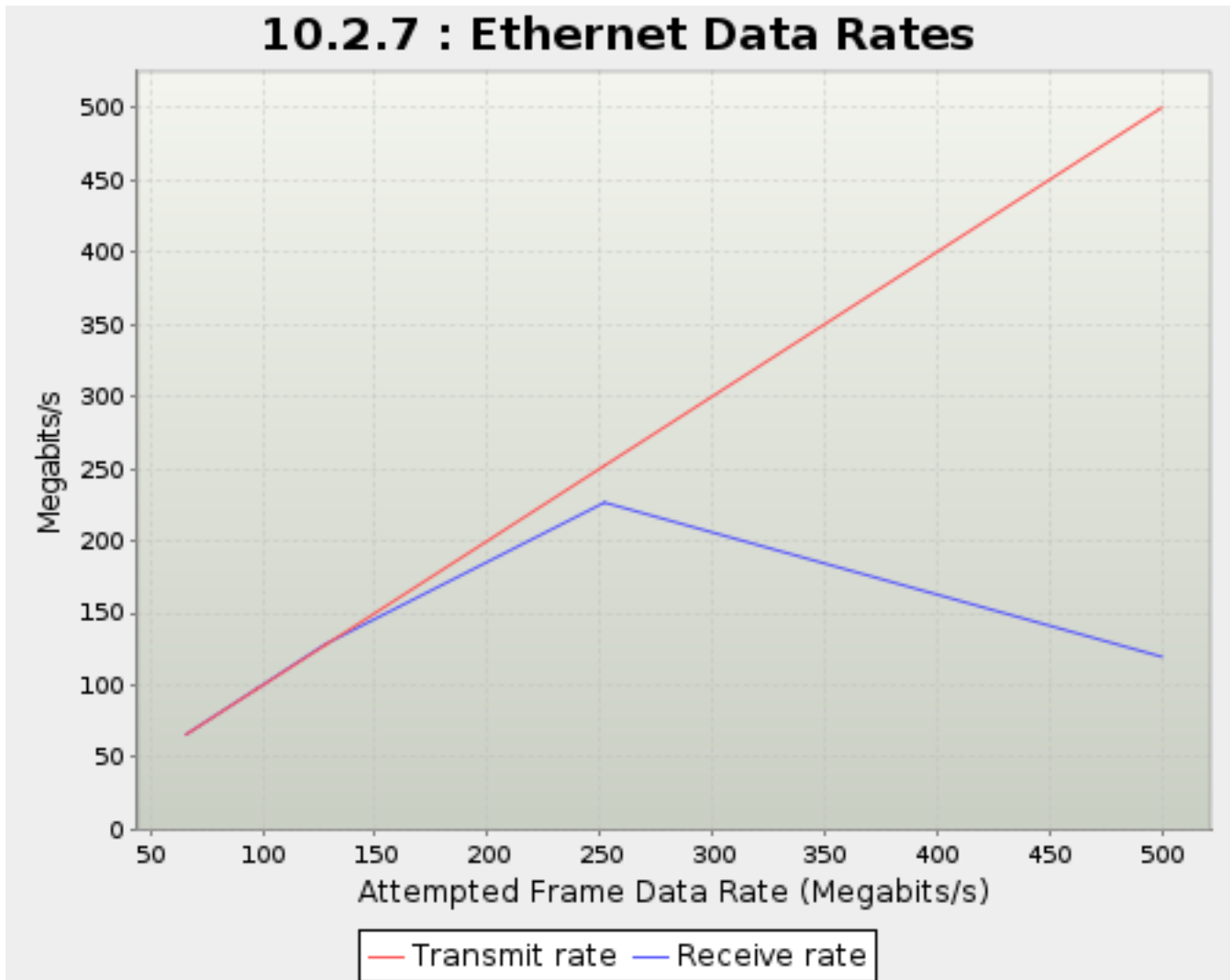
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.524	476,452,672	47,168 0.010%
97	63.706	700,228,928	61,760 0.009%
128	18,494.768	933,591,744	9,658,372 1.035%
252	63.847	1,819,012,608	55,168 0.003%
500	63.645	3,609,100,032	54,272 0.002%

10.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.524	8,064	476,420,686 5907994.618%
97	63.706	4,160	699,941,737 16825522.524%
128	18,494.768	42,176	921,225,125 2184240.148%
252	63.847	4,352	1,569,059,150 36053748.851%
500	63.645	24,256	813,919,017 3355536.844%

10.2.7. Ethernet Data Rates



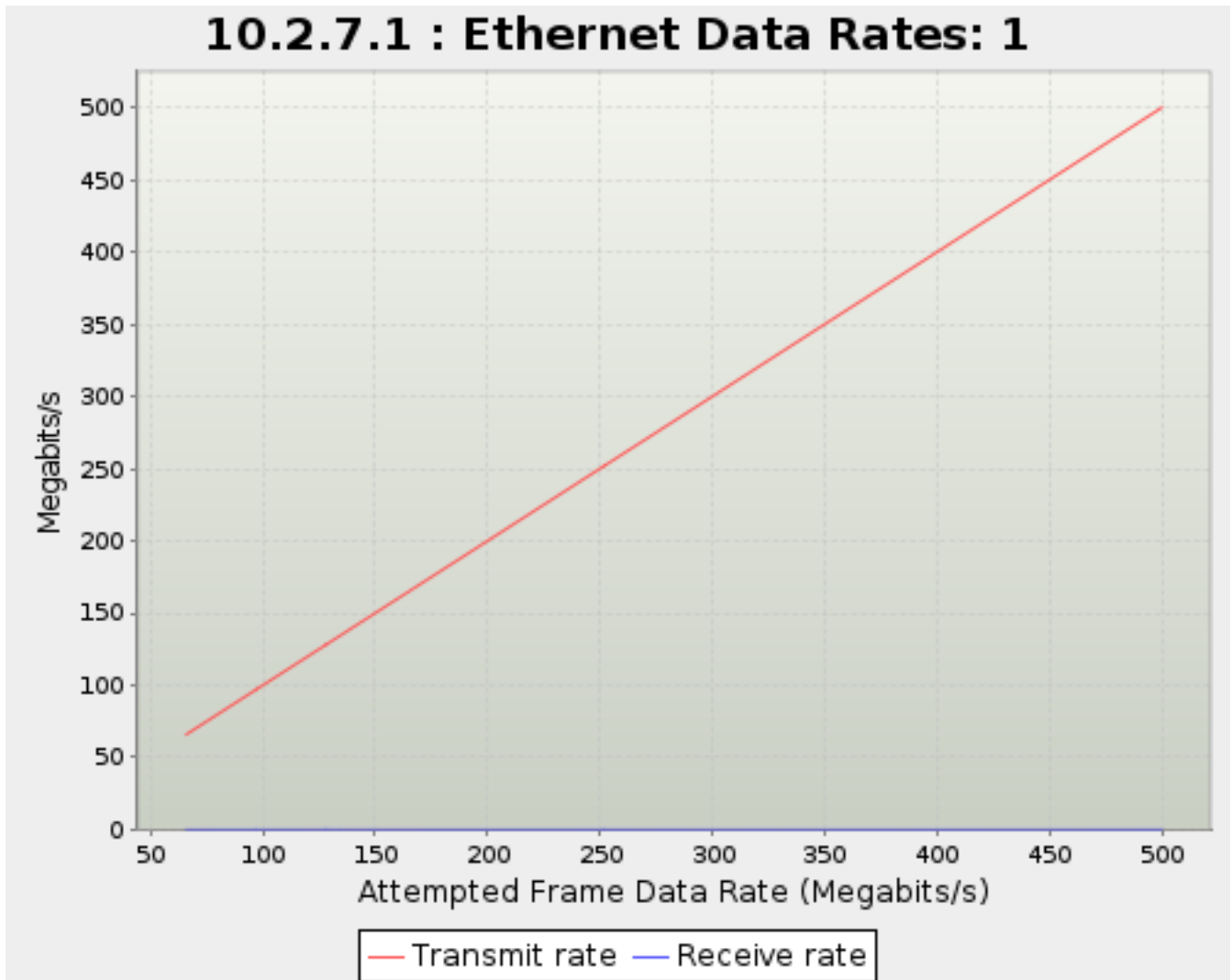
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	63.524	66.04	66.17
97	63.706	97.05	97.29
128	18,494.768	128.1	128.7
252	63.847	252.1	226.6
500	63.645	500.1	119.8

10.2.7.1. Ethernet Data Rates: 1



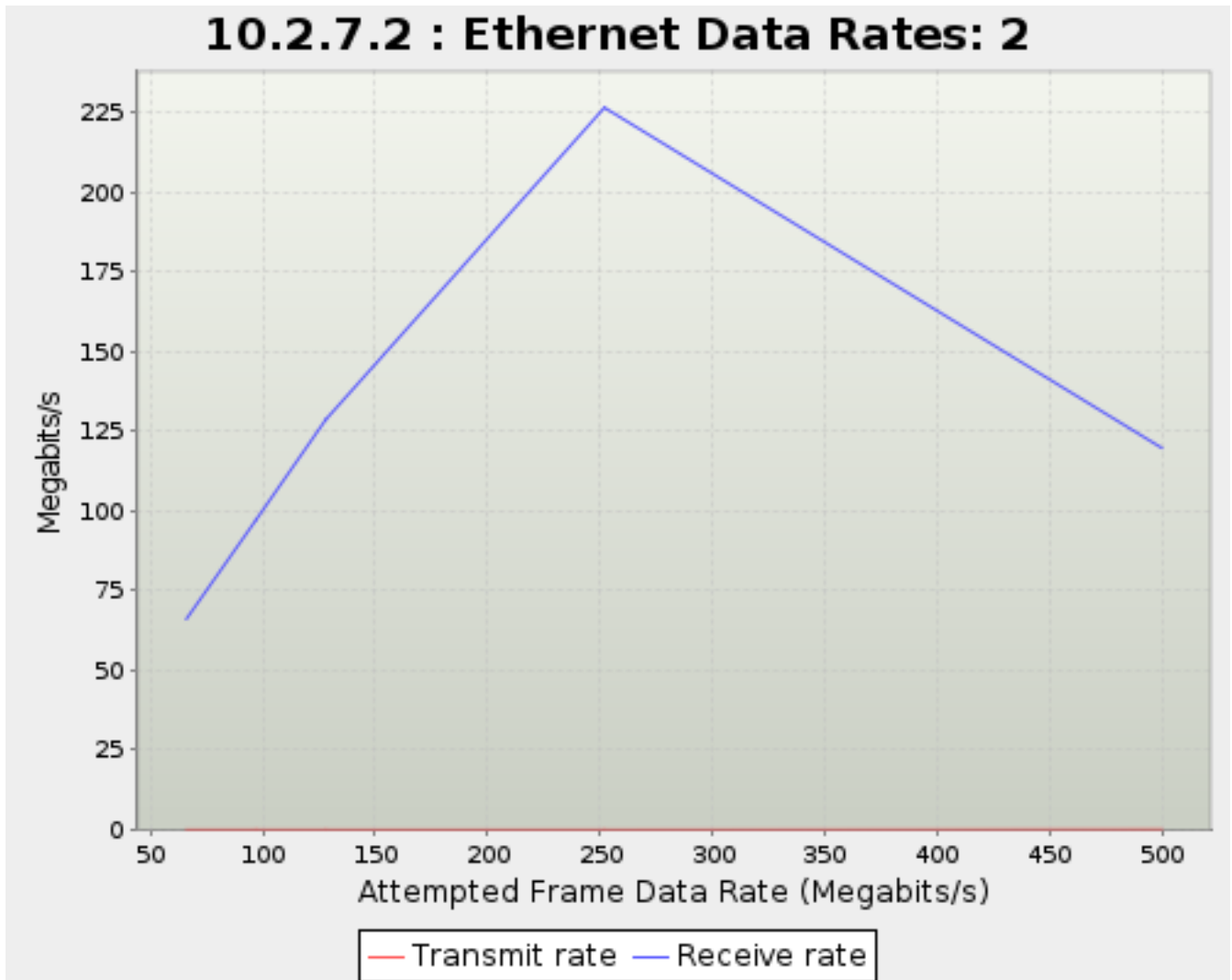
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	63.524	66.02	0.02290
97	63.706	97.03	0.03134
128	18,494.768	~128	0.06128
252	63.847	~252	0.03737
500	63.645	~500	0.03944

10.2.7.2. Ethernet Data Rates: 2



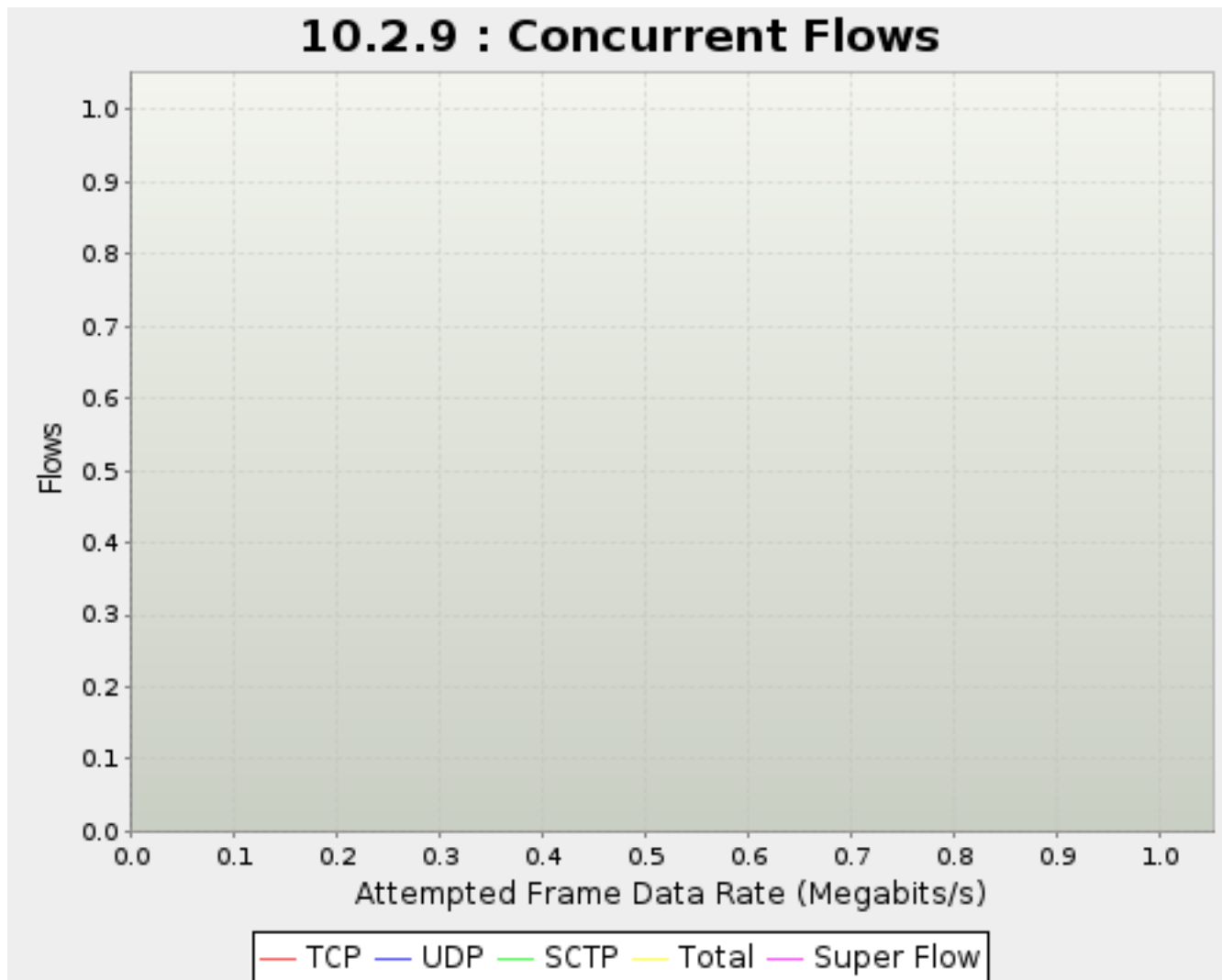
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

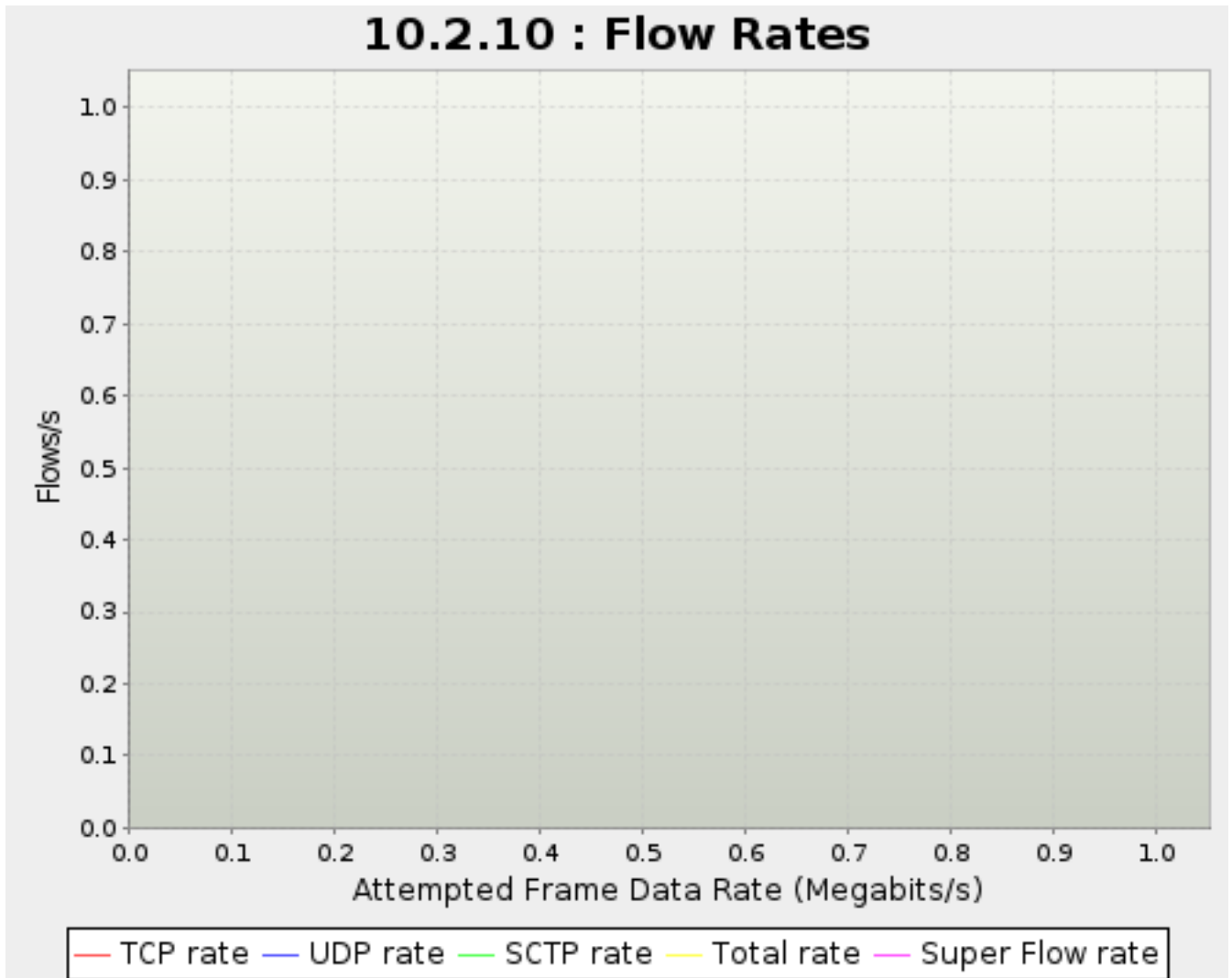
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	63.524	0.02088	66.15
97	63.706	0.02001	97.26
128	18,494.768	0.01765	128.7
252	63.847	0.01667	226.6
500	63.645	0.08824	119.8

10.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
66	63.261	0	0	0	0	0
97	63.422	0	0	0	0	0
128	18,494.371	0	0	0	0	0
252	63.496	0	0	0	0	0
500	63.360	0	0	0	0	0

10.2.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	Sctp rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
66	63.261	0.00	0.00	0.00	0.00	0.00
97	63.422	0.00	0.00	0.00	0.00	0.00
128	18,494.371	0.00	0.00	0.00	0.00	0.00
252	63.496	0.00	0.00	0.00	0.00	0.00
500	63.360	0.00	0.00	0.00	0.00	0.00

10.2.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
66	0		192.168.0.0/16	192.168.0.1	up
66	0		10.201.0.0/16	10.201.0.254	up
97	0		10.201.0.0/16	10.201.0.254	up
97	0		192.168.0.0/16	192.168.0.1	up
128	0		192.168.0.0/16	192.168.0.1	up
128	0		10.201.0.0/16	10.201.0.254	up
252	0		192.168.0.0/16	192.168.0.1	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	up
500	26.353		10.201.0.0/16	10.201.0.254	up

10.2.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
66	0		192.168.0.0/16	192.168.0.1	up
97	0		192.168.0.0/16	192.168.0.1	up
128	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	0		192.168.0.0/16	192.168.0.1	up

10.2.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
66	0		10.201.0.0/16	10.201.0.254	up
97	0		10.201.0.0/16	10.201.0.254	up
128	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
500	26.353		10.201.0.0/16	10.201.0.254	up

10.2.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
66	63.524	6	6	872	821	0	51	0	0
97	63.705	6	6	987	944	0	43	0	0
128	18,494.770	1,194	1,194	154,360	150,324	0	4,036	0	0
252	63.849	6	6	878	822	0	56	0	0
500	63.650	9	6	1,234	1,166	0	68	0	0

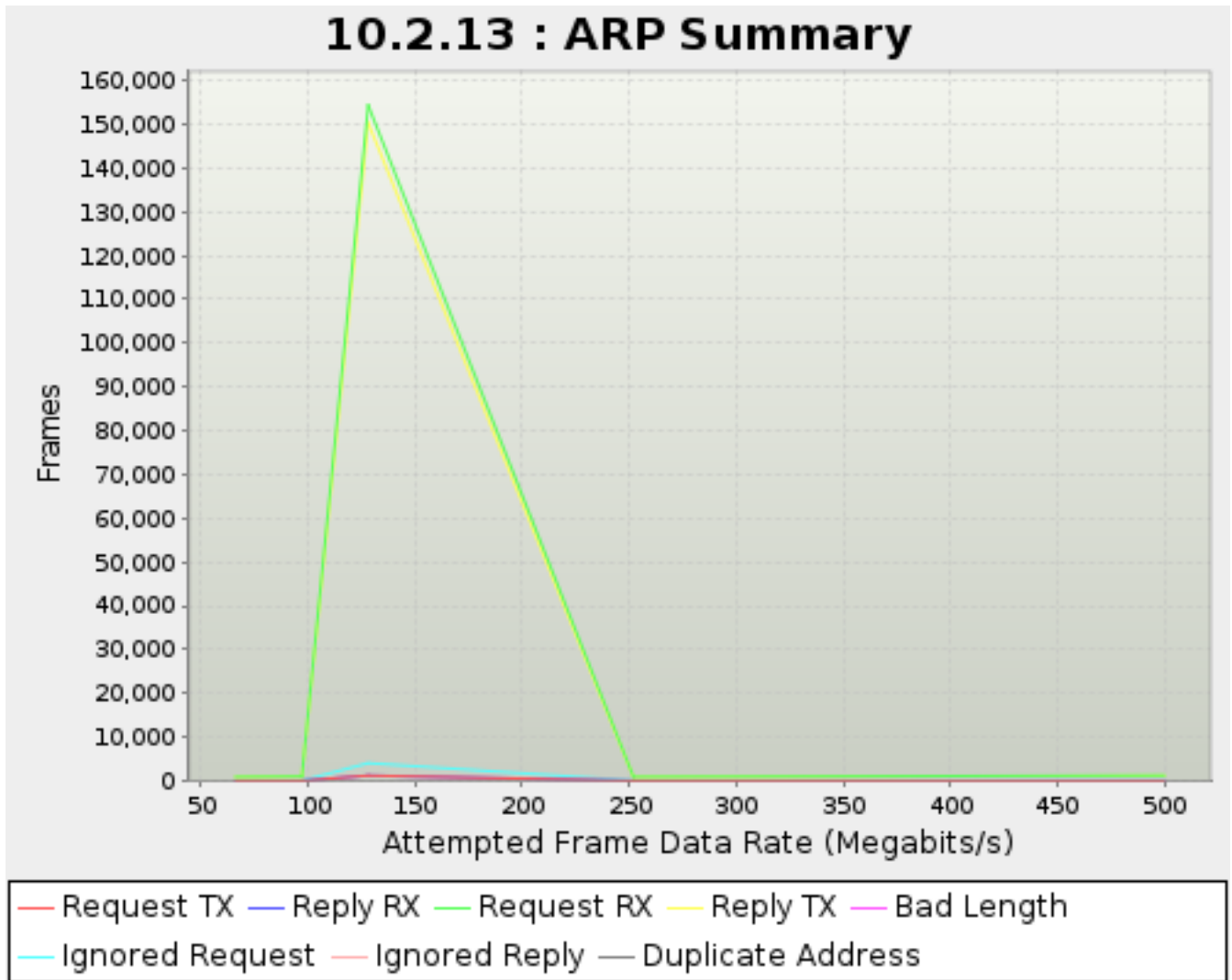
10.2.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
66	63.524	3	3	732	698	0	34	0	0
97	63.705	3	3	909	882	0	27	0	0
128	18,494.770	597	597	150,295	150,262	0	33	0	0
252	63.849	3	3	797	757	0	40	0	0
500	63.650	3	3	845	793	0	52	0	0

10.2.12.2. ARP: 2

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
66	63.524	3	3	140	123	0	17	0	0
97	63.705	3	3	78	62	0	16	0	0
128	18,494.770	597	597	4,065	62	0	4,003	0	0
252	63.849	3	3	81	65	0	16	0	0
500	63.650	6	3	389	373	0	16	0	0

10.2.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
<i>Frames</i>								
66	6	6	872	821	0	51	0	0
97	6	6	987	944	0	43	0	0
128	1,194	1,194	154,360	150,324	0	4,036	0	0
252	6	6	878	822	0	56	0	0
500	9	6	1,234	1,166	0	68	0	0

10.2.16. Multicast Packets Discarded

Attempted Frame Data Rate	Timestamp	IP: Unsupported Protocol	IGMP: Invalid Query	IGMP: Invalid Length	IGMP: Invalid Checksum
	<i>Seconds</i>	<i>Frames</i>			
128	18,494.770	0	0	0	0

10.2.16.1. Multicast Packets Discarded: 1

Attempted Frame Data Rate	Timestamp <i>Seconds</i>	IP: Unsupported Protocol	IGMP: Invalid Query	IGMP: Invalid Length	IGMP: Invalid Checksum
128	18,494.770	0	0	0	0

10.2.17.2. Multicast Packets Received: 2

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Query	IGMP v2 Query	IGMP v3 Query	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Unknown
	<i>Seconds</i>	<i>Frames</i>								
128	18,494.770	5	0	0	0	0	0	0	0	0

10.2.18. Multicast Packets Transmitted

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Other	IP Proto Other
	<i>Seconds</i>	<i>Frames</i>						
128	18,494.770	0	0	0	0	0	0	0

10.2.18.1. Multicast Packets Transmitted: 1

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Other	IP Proto Other
	<i>Seconds</i>	<i>Frames</i>						
128	18,494.770	0	0	0	0	0	0	0

10.2.18.2. Multicast Packets Transmitted: 2

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Other	IP Proto Other
	<i>Seconds</i>	<i>Frames</i>						
128	18,494.770	0	0	0	0	0	0	0

10.2.19. Multicast Packet Summary

Attempted Frame Data Rate	Discard IP: Unsupported Protocol	Discard IGMP: Invalid Query	Discard IGMP: Invalid Length	Discard IGMP: Invalid Checksum	Received: UDP	Received: IGMP v1	Received: IGMP v2	Received: IGMP v3	Received: IGMP v1	Received: IGMP v2	Received: IGMP v3	Received: IGMP v2 Leave Group	Received: IGMP Unknown Type	Transmitted: IGMP v1	Transmitted: IGMP v2	Transmitted: IGMP v3	Transmitted: IGMP v2 Leave Group	Transmitted: IGMP Other	Transmitted: IP Other	
						Members Query	Members Query	Members Query	Members Report	Members Report	Members Report									
	<i>Frames</i>																			
128	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

10.2.20. Slot 1 NP np1-0 statistics

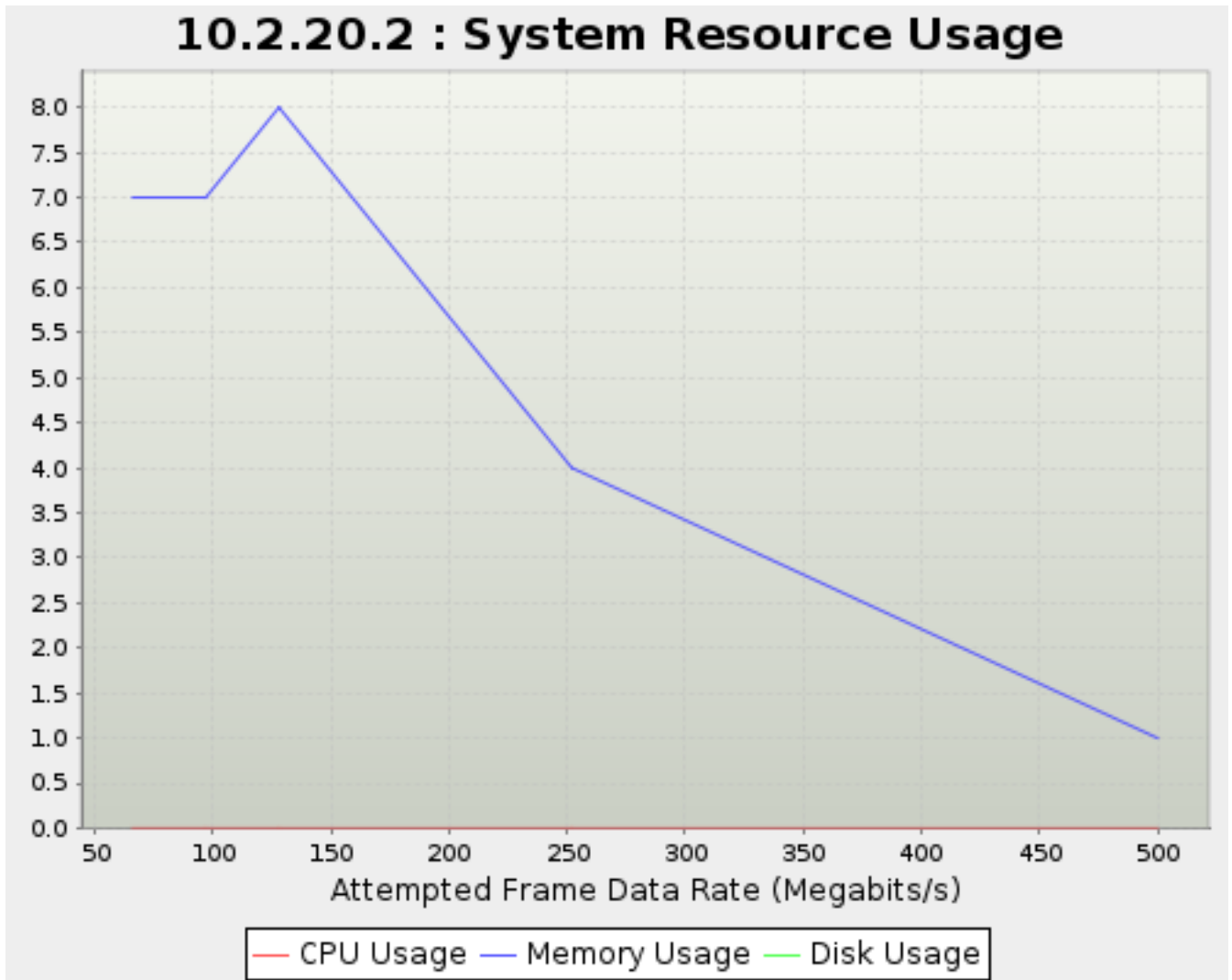
10.2.20.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

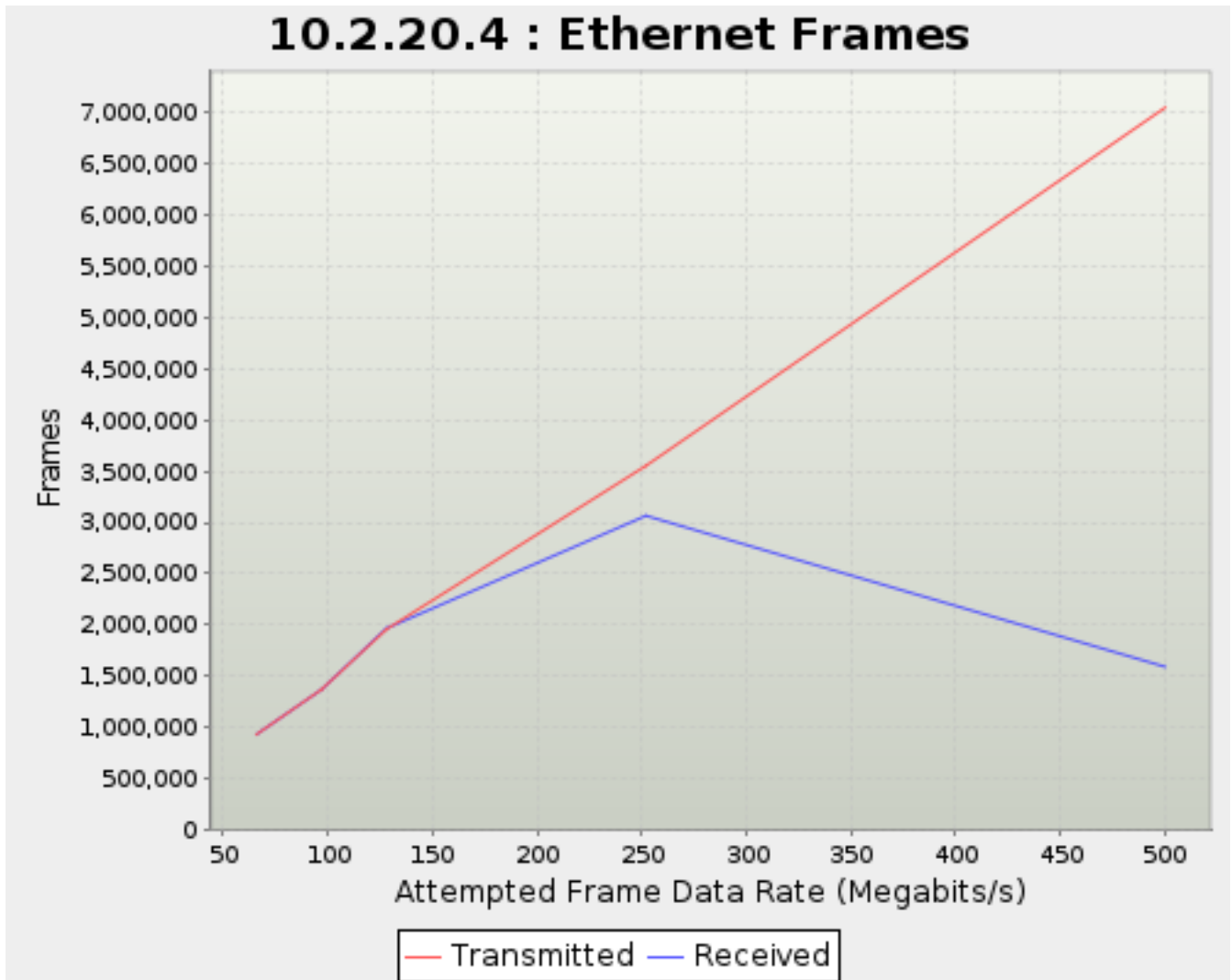
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0

10.2.20.2. System Resource Usage



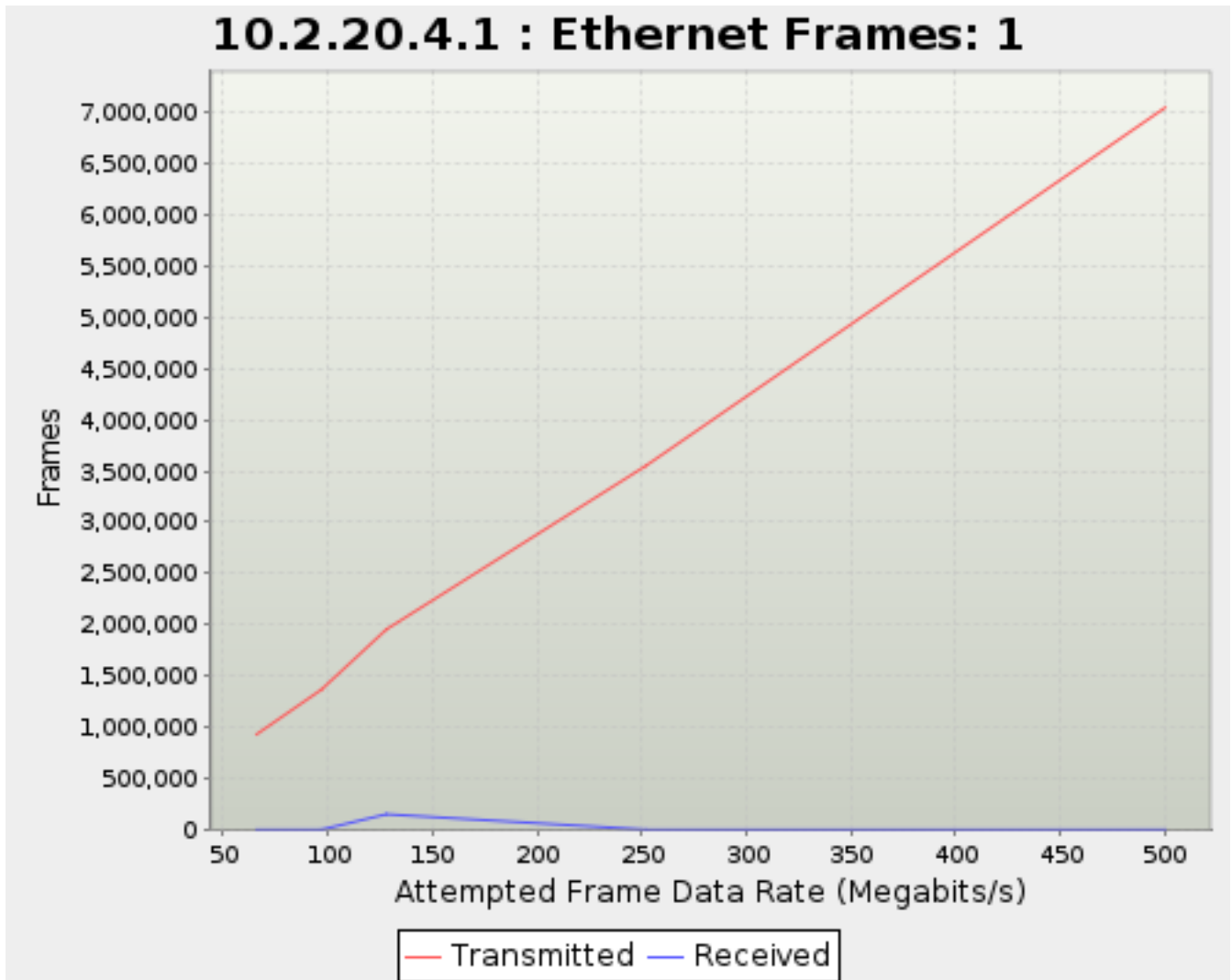
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
66	63.524	0	7	0
97	63.705	0	7	0
128	18,494.770	0	8	0
252	63.849	0	4	0
500	63.650	0	1	0

10.2.20.4. Ethernet Frames



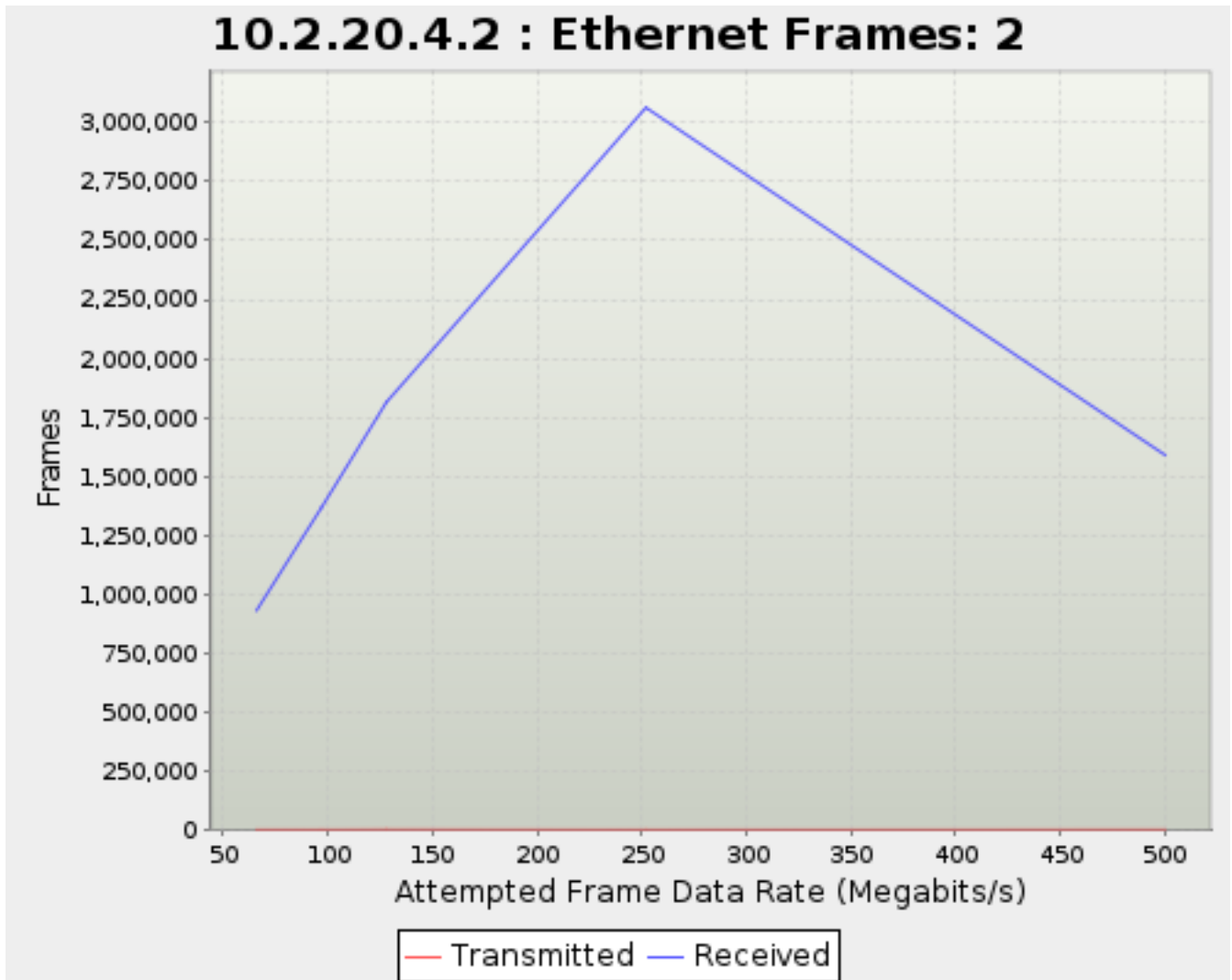
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.524	931,311	931,416 100.011%
97	63.706	1,368,474	1,368,155 99.977%
128	18,494.768	1,956,082	1,965,179 100.465%
252	63.847	3,553,492	3,065,549 86.269%
500	63.645	7,050,099	1,590,922 22.566%

10.2.20.4.1. Ethernet Frames: 1



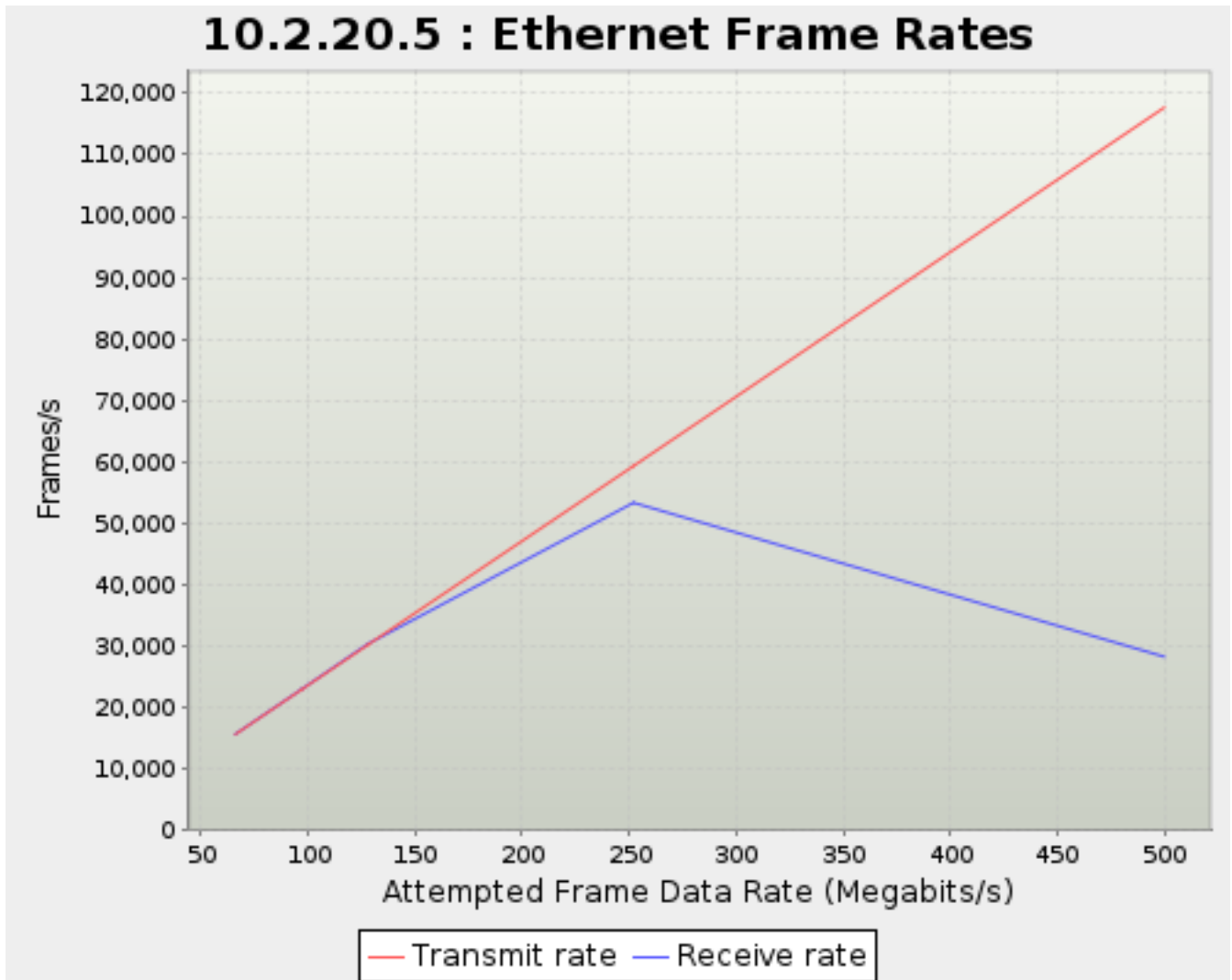
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.524	931,185	737 0.079%
97	63.706	1,368,409	965 0.071%
128	18,494.768	1,955,423	150,898 7.717%
252	63.847	3,553,424	862 0.024%
500	63.645	7,049,720	848 0.012%

10.2.20.4.2. Ethernet Frames: 2



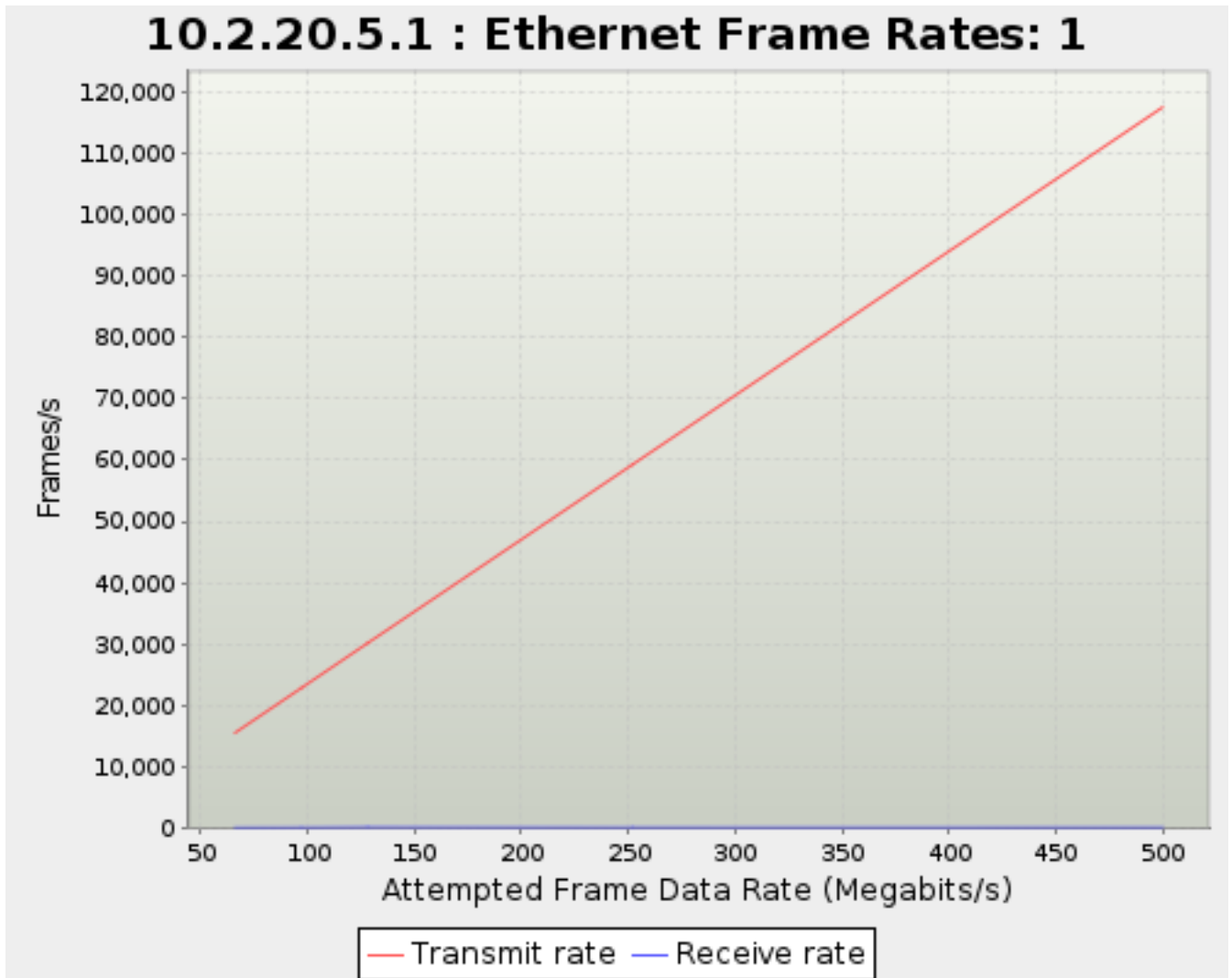
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.524	126	930,679 738634.127%
97	63.706	65	1,367,190 2103369.231%
128	18,494.768	659	1,814,281 275308.194%
252	63.847	68	3,064,687 4506892.647%
500	63.645	379	1,590,074 419544.591%

10.2.20.5. Ethernet Frame Rates



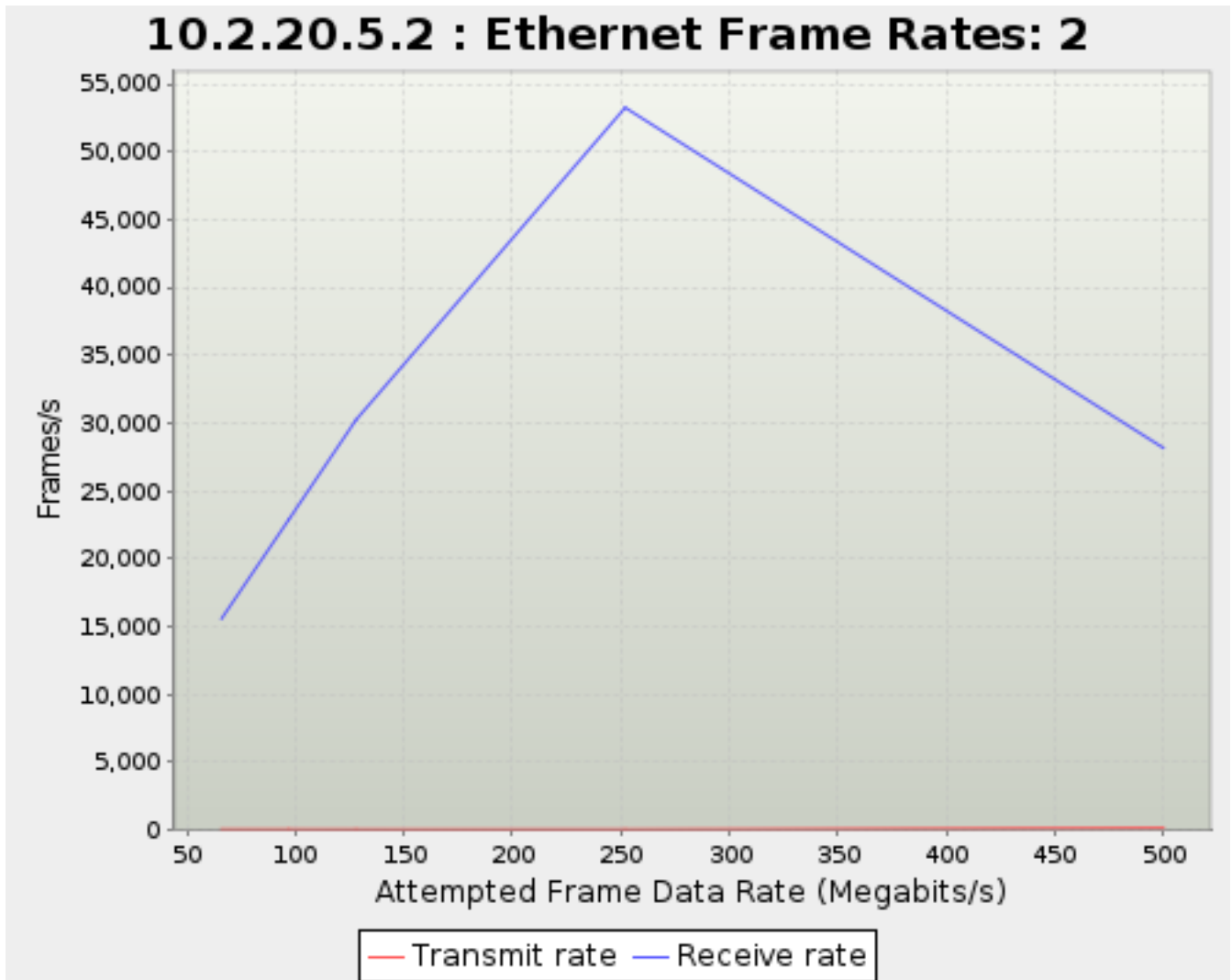
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	63.524	~15570	~15600
97	63.706	~22870	~22920
128	18,494.768	~30170	~30320
252	63.847	~59290	~53300
500	63.645	~117700	~28210

10.2.20.5.1. Ethernet Frame Rates: 1



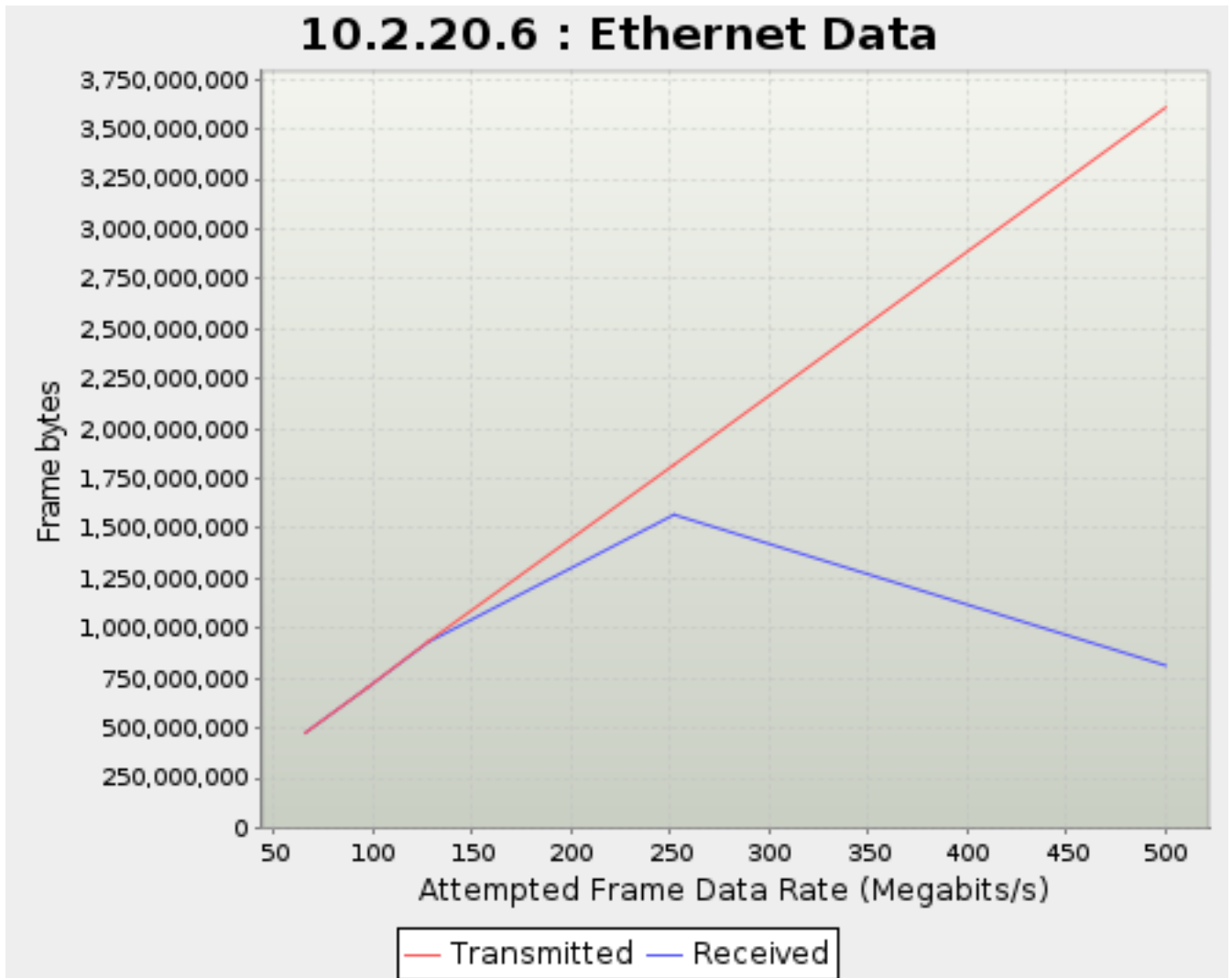
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	63.524	~15540	34.08
97	63.706	~22840	46.64
128	18,494.768	~30150	91.19
252	63.847	~59270	55.62
500	63.645	~117500	58.69

10.2.20.5.2. Ethernet Frame Rates: 2



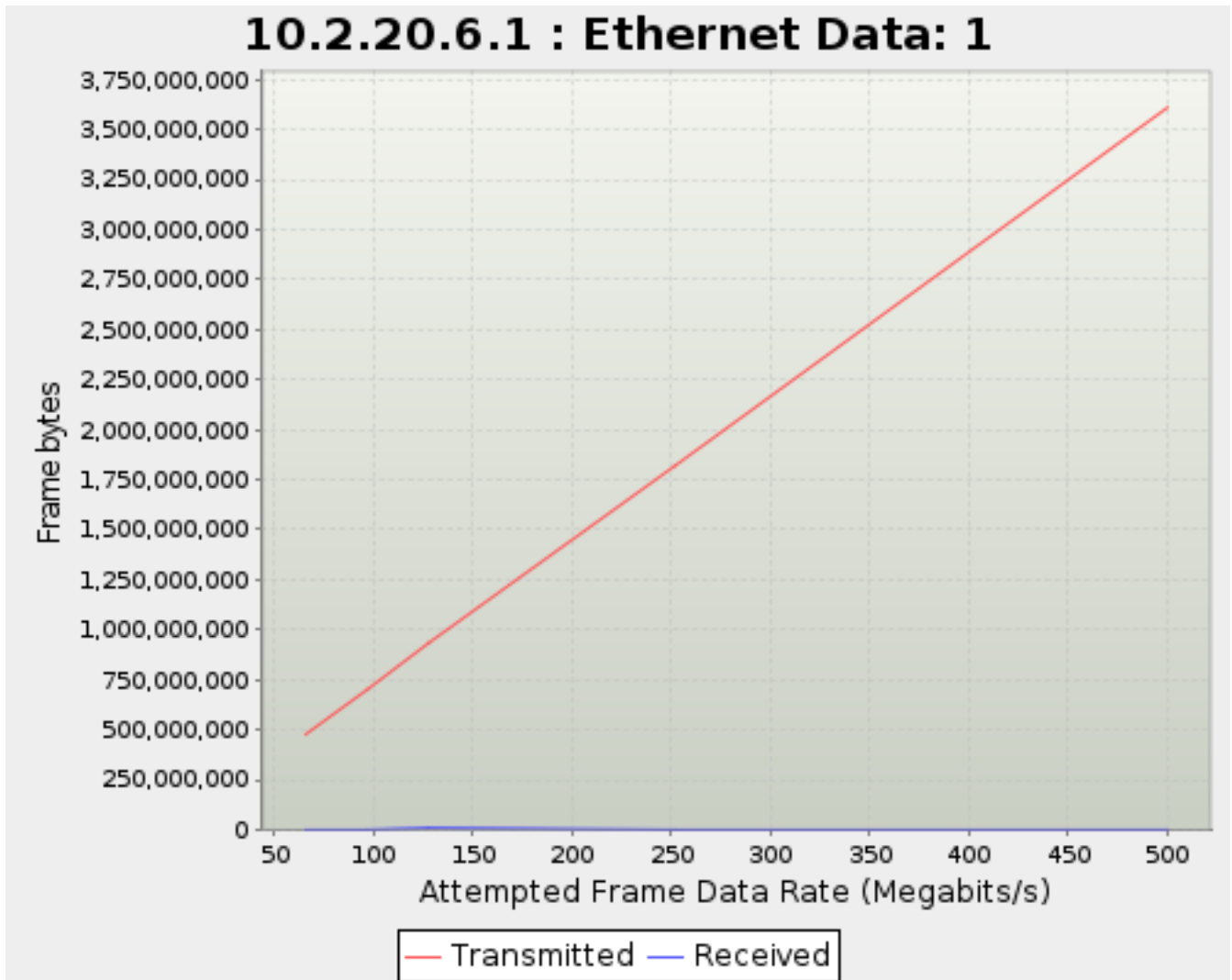
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	63.524	31.07	~15560
97	63.706	29.77	~22870
128	18,494.768	26.27	~30230
252	63.847	24.81	~53250
500	63.645	131.3	~28150

10.2.20.6. Ethernet Data



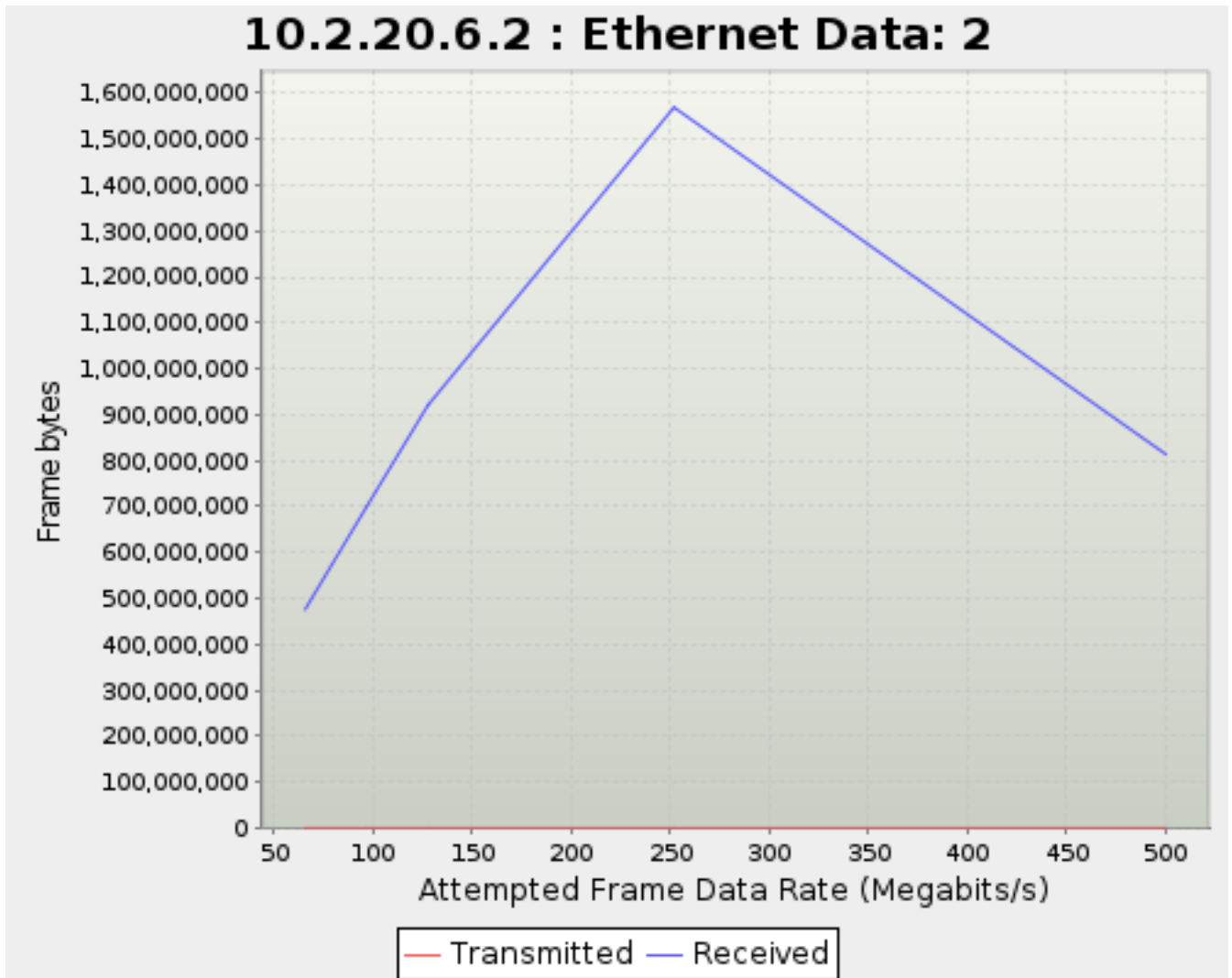
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.524	476,460,736	476,467,854 100.001%
97	63.706	700,233,088	700,003,497 99.967%
128	18,494.768	933,633,920	930,883,497 99.705%
252	63.847	1,819,016,960	1,569,114,318 86.262%
500	63.645	3,609,124,288	813,973,289 22.553%

10.2.20.6.1. Ethernet Data: 1



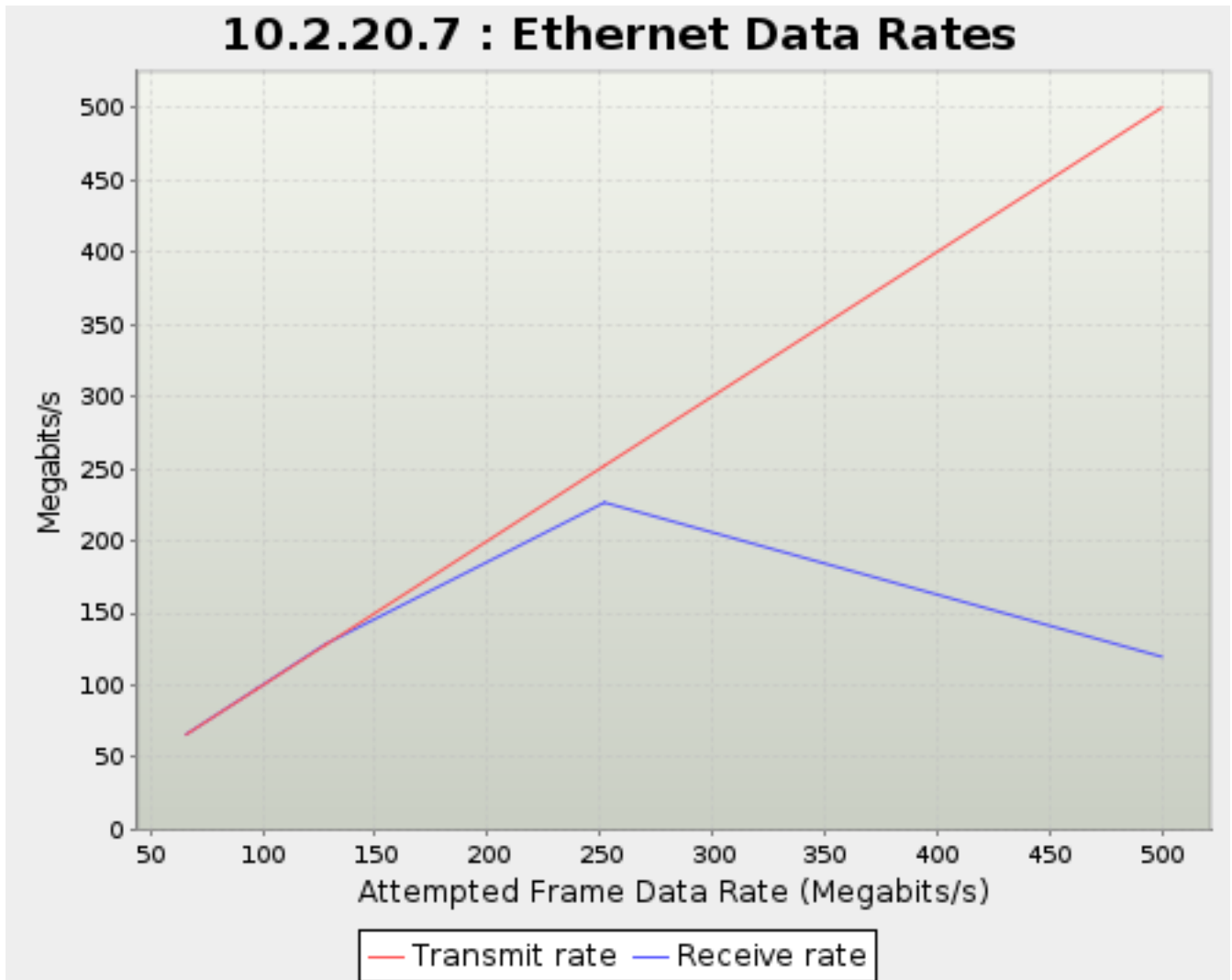
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.524	476,452,672	47,168 0.010%
97	63.706	700,228,928	61,760 0.009%
128	18,494.768	933,591,744	9,658,372 1.035%
252	63.847	1,819,012,608	55,168 0.003%
500	63.645	3,609,100,032	54,272 0.002%

10.2.20.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.524	8,064	476,420,686 5907994.618%
97	63.706	4,160	699,941,737 16825522.524%
128	18,494.768	42,176	921,225,125 2184240.148%
252	63.847	4,352	1,569,059,150 36053748.851%
500	63.645	24,256	813,919,017 3355536.844%

10.2.20.7. Ethernet Data Rates



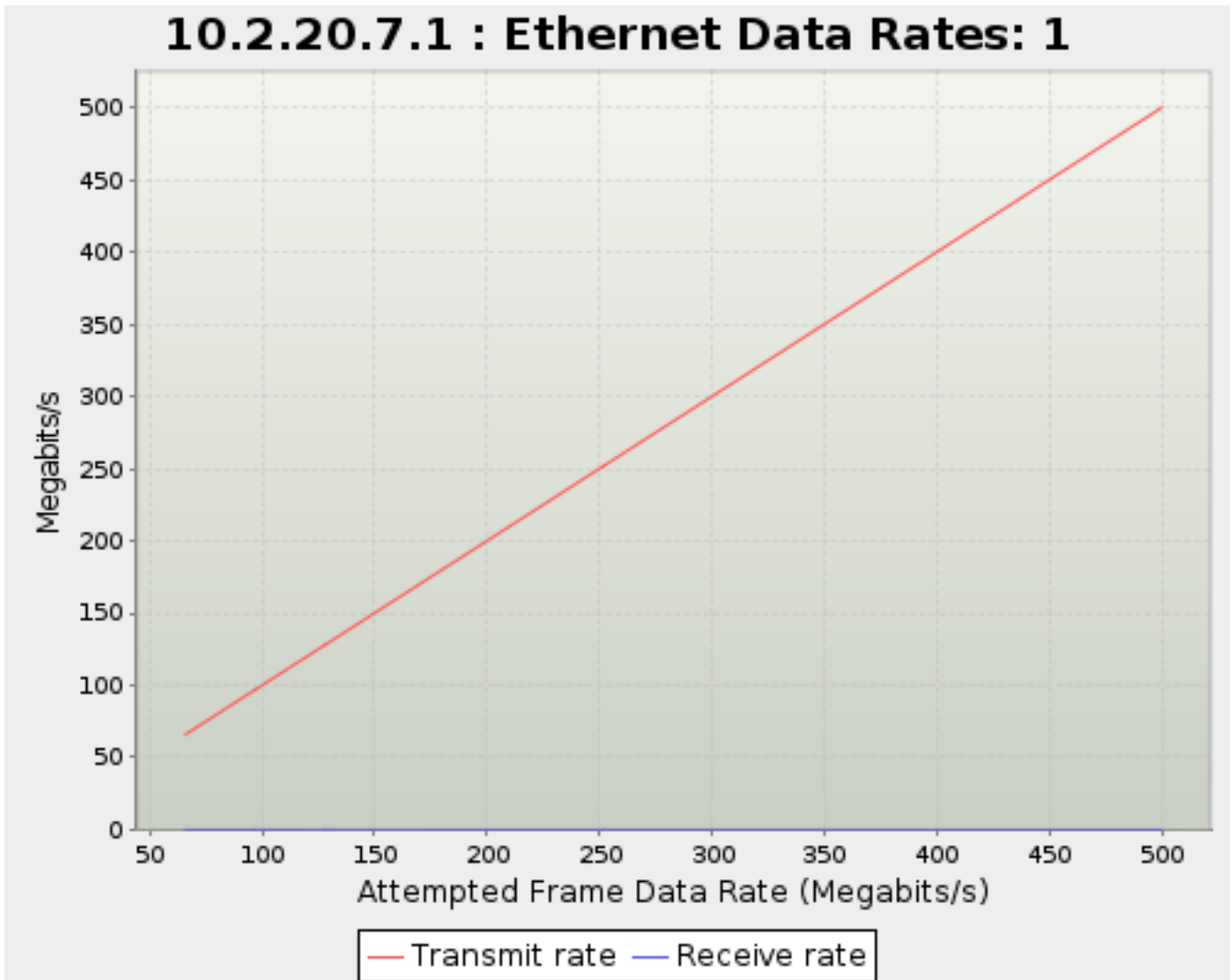
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	63.524	66.04	66.17
97	63.706	97.05	97.29
128	18,494.768	128.1	128.7
252	63.847	252.1	226.6
500	63.645	500.1	119.8

10.2.20.7.1. Ethernet Data Rates: 1



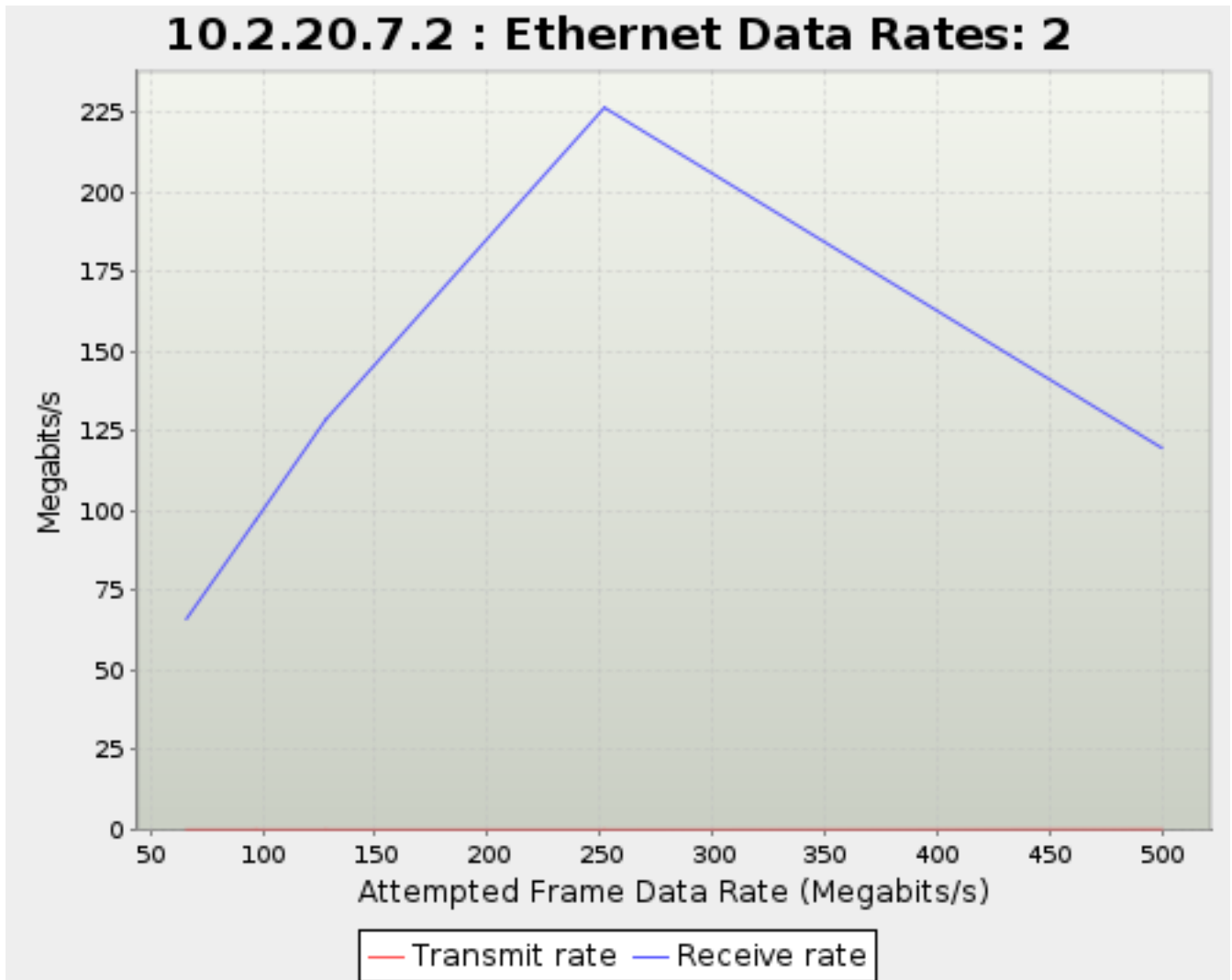
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	63.524	66.02	0.02290
97	63.706	97.03	0.03134
128	18,494.768	~128	0.06128
252	63.847	~252	0.03737
500	63.645	~500	0.03944

10.2.20.7.2. Ethernet Data Rates: 2



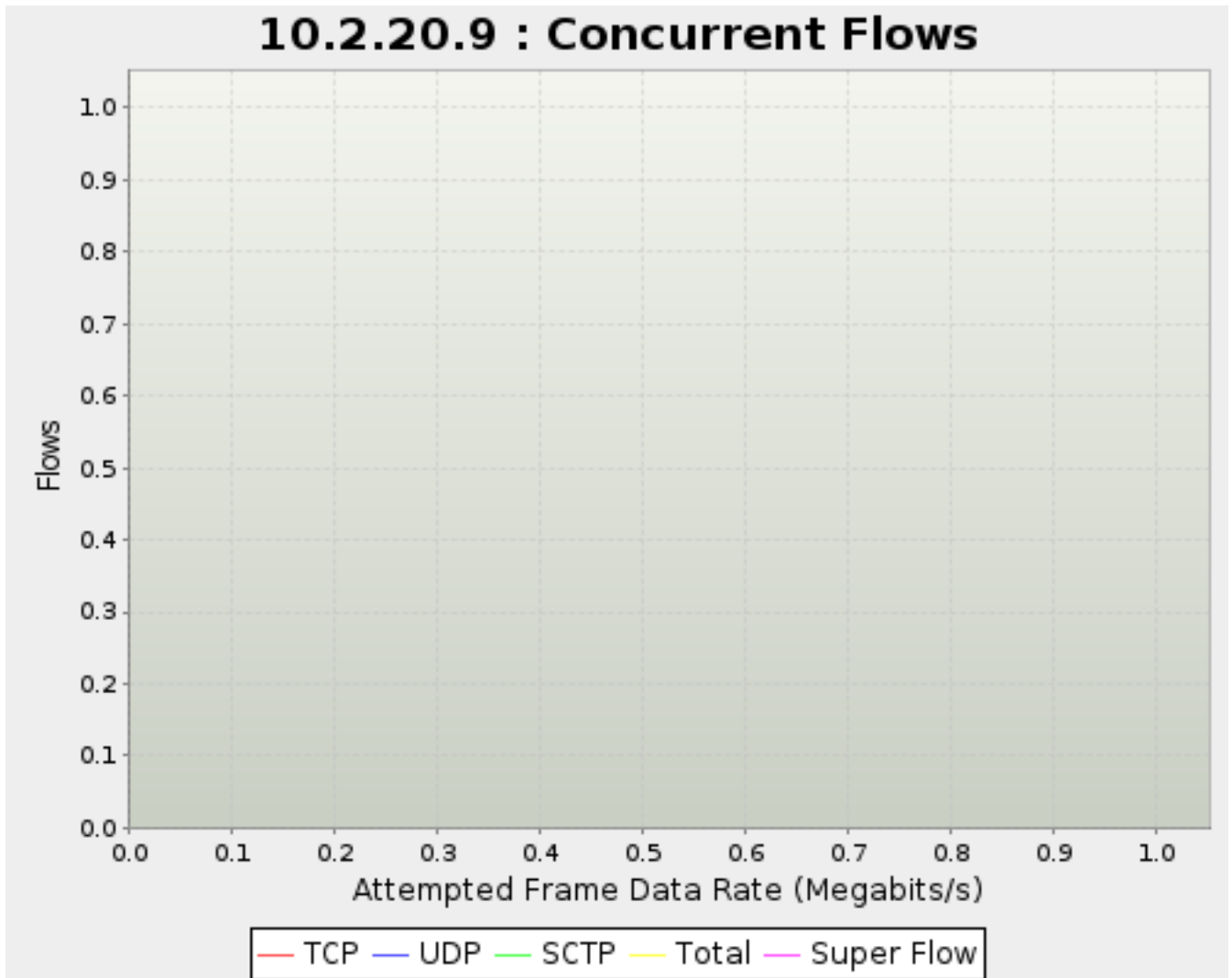
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

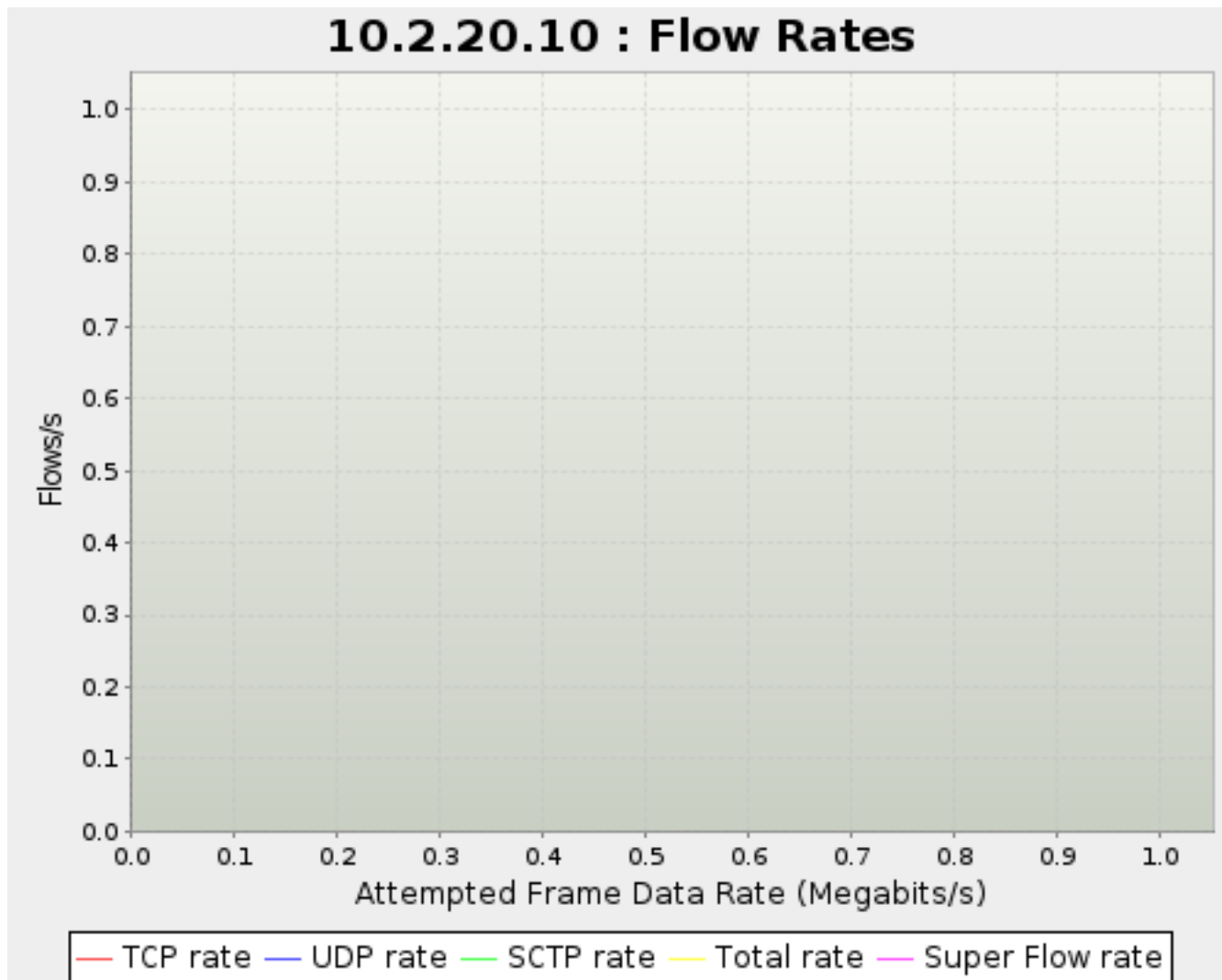
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	63.524	0.02088	66.15
97	63.706	0.02001	97.26
128	18,494.768	0.01765	128.7
252	63.847	0.01667	226.6
500	63.645	0.08824	119.8

10.2.20.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
66	63.261	0	0	0	0	0
97	63.422	0	0	0	0	0
128	18,494.371	0	0	0	0	0
252	63.496	0	0	0	0	0
500	63.360	0	0	0	0	0

10.2.20.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	Sctp rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
66	63.261	0.00	0.00	0.00	0.00	0.00
97	63.422	0.00	0.00	0.00	0.00	0.00
128	18,494.371	0.00	0.00	0.00	0.00	0.00
252	63.496	0.00	0.00	0.00	0.00	0.00
500	63.360	0.00	0.00	0.00	0.00	0.00

10.2.20.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
66	0		192.168.0.0/16	192.168.0.1	up
66	0		10.201.0.0/16	10.201.0.254	up
97	0		10.201.0.0/16	10.201.0.254	up
97	0		192.168.0.0/16	192.168.0.1	up
128	0		192.168.0.0/16	192.168.0.1	up
128	0		10.201.0.0/16	10.201.0.254	up
252	0		192.168.0.0/16	192.168.0.1	up
252	0		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	up
500	26.353		10.201.0.0/16	10.201.0.254	up

10.2.20.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
66	0		192.168.0.0/16	192.168.0.1	up
97	0		192.168.0.0/16	192.168.0.1	up
128	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	0		192.168.0.0/16	192.168.0.1	up

10.2.20.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
66	0		10.201.0.0/16	10.201.0.254	up
97	0		10.201.0.0/16	10.201.0.254	up
128	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
500	26.353		10.201.0.0/16	10.201.0.254	up

10.2.20.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
66	63.524	6	6	872	821	0	51	0	0
97	63.705	6	6	987	944	0	43	0	0
128	18,494.770	1,194	1,194	154,360	150,324	0	4,036	0	0
252	63.849	6	6	878	822	0	56	0	0
500	63.650	9	6	1,234	1,166	0	68	0	0

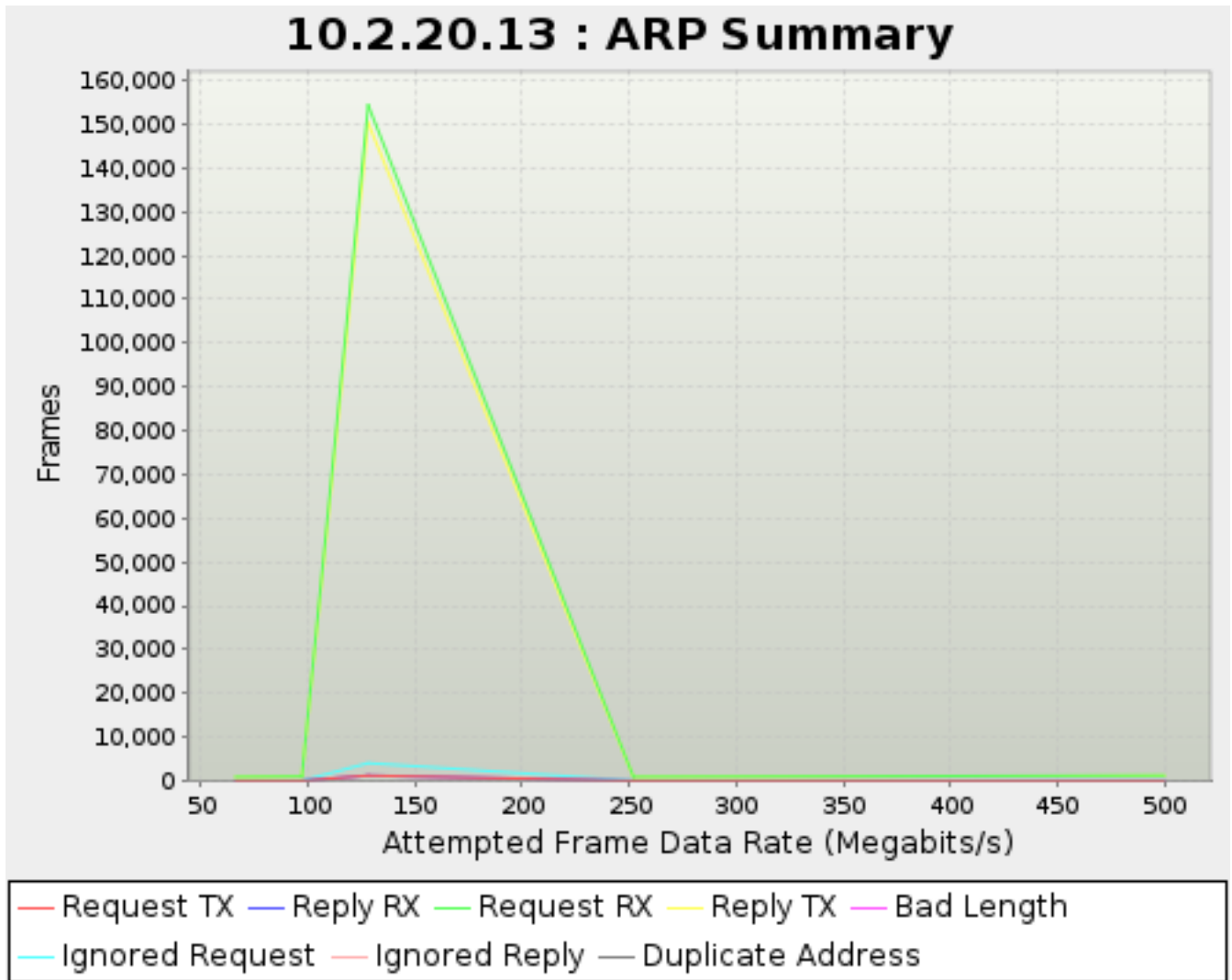
10.2.20.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
66	63.524	3	3	732	698	0	34	0	0
97	63.705	3	3	909	882	0	27	0	0
128	18,494.770	597	597	150,295	150,262	0	33	0	0
252	63.849	3	3	797	757	0	40	0	0
500	63.650	3	3	845	793	0	52	0	0

10.2.20.12.2. ARP: 2

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
66	63.524	3	3	140	123	0	17	0	0
97	63.705	3	3	78	62	0	16	0	0
128	18,494.770	597	597	4,065	62	0	4,003	0	0
252	63.849	3	3	81	65	0	16	0	0
500	63.650	6	3	389	373	0	16	0	0

10.2.20.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
<i>Frames</i>								
66	6	6	872	821	0	51	0	0
97	6	6	987	944	0	43	0	0
128	1,194	1,194	154,360	150,324	0	4,036	0	0
252	6	6	878	822	0	56	0	0
500	9	6	1,234	1,166	0	68	0	0

10.2.20.16. Multicast Packets Discarded

Attempted Frame Data Rate	Timestamp	IP: Unsupported Protocol	IGMP: Invalid Query	IGMP: Invalid Length	IGMP: Invalid Checksum
	<i>Seconds</i>	<i>Frames</i>			
128	18,494.770	0	0	0	0

10.2.20.16.1. Multicast Packets Discarded: 1

Attempted Frame Data Rate	Timestamp	IP: Unsupported Protocol	IGMP: Invalid Query	IGMP: Invalid Length	IGMP: Invalid Checksum
	<i>Seconds</i>	<i>Frames</i>			
128	18,494.770	0	0	0	0

10.2.20.17.2. Multicast Packets Received: 2

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Query	IGMP v2 Query	IGMP v3 Query	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Unknown
	<i>Seconds</i>	<i>Frames</i>								
128	18,494.770	5	0	0	0	0	0	0	0	0

10.2.20.18. Multicast Packets Transmitted

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Other	IP Proto Other
	<i>Seconds</i>	<i>Frames</i>						
128	18,494.770	0	0	0	0	0	0	0

10.2.20.18.1. Multicast Packets Transmitted: 1

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Other	IP Proto Other
	<i>Seconds</i>	<i>Frames</i>						
128	18,494.770	0	0	0	0	0	0	0

10.2.20.18.2. Multicast Packets Transmitted: 2

Attempted Frame Data Rate	Timestamp	UDP	IGMP v1 Report	IGMP v2 Report	IGMP v3 Report	IGMP v2 Leave	IGMP Other	IP Proto Other
<i>Seconds</i>		<i>Frames</i>						
128	18,494.770	0	0	0	0	0	0	0

10.2.20.19. Multicast Packet Summary

Attempted Frame Data Rate	Discard IP: Unsupported Protocol	Discard IGMP: Invalid Query	Discard IGMP: Invalid Length	Discard IGMP: Invalid Checksum	Received: UDP	Received: IGMP v1 Members Query	Received: IGMP v2 Members Query	Received: IGMP v3 Members Query	Received: IGMP v1 Reports	Received: IGMP v2 Reports	Received: IGMP v3 Reports	Received: IGMP v2 Leave Group	Received: IGMP v2 Unknown Type	Transmitted: IGMP v1 Members Report	Transmitted: IGMP v2 Members Report	Transmitted: IGMP v3 Members Report	Transmitted: IGMP v2 Leave Group	Transmitted: IGMP Other	Transmitted: IP Other
<i>Frames</i>																			
128	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0

10.2.21. System Controller 0 statistics

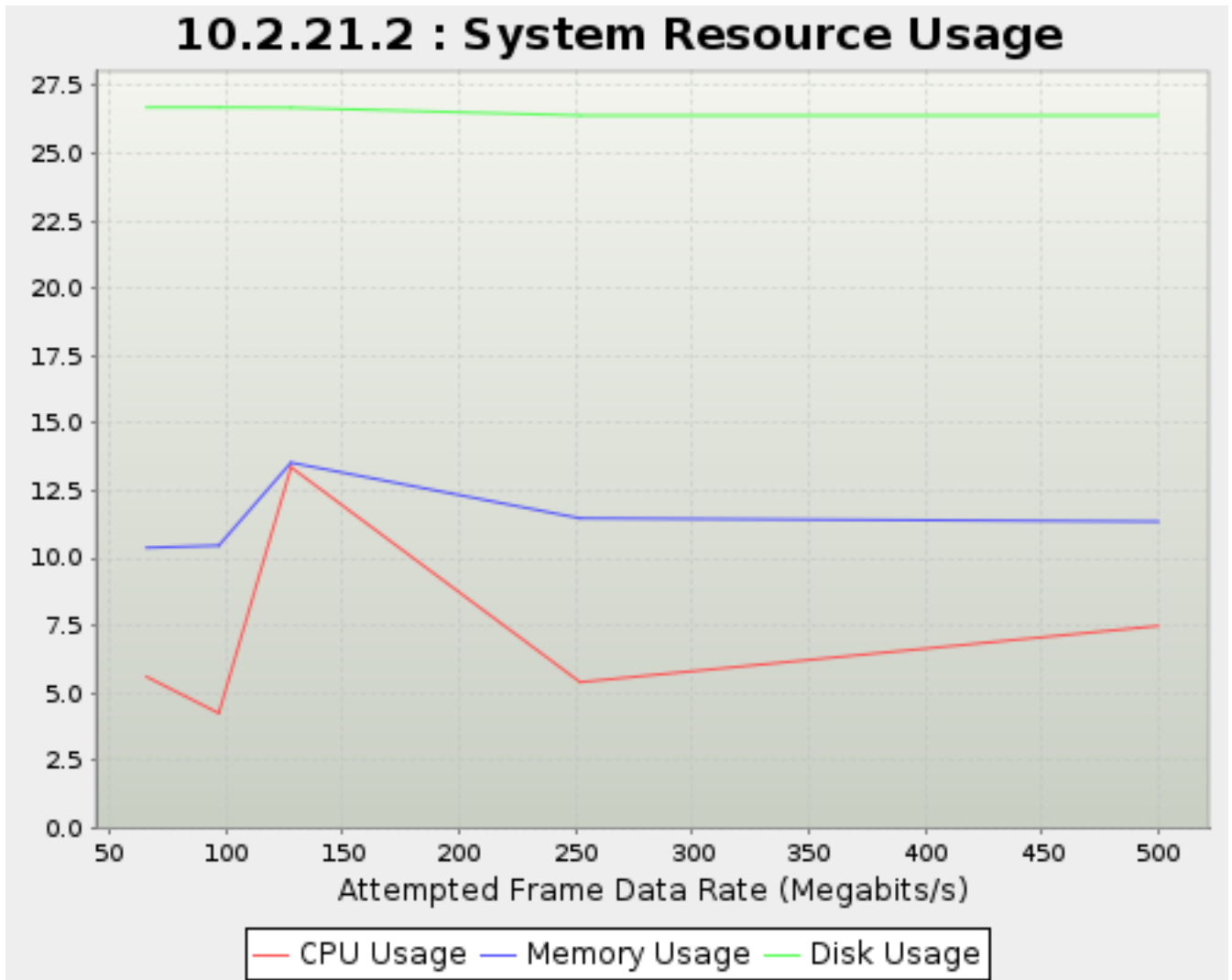
10.2.21.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

Component	Resource Used
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

10.2.21.2. System Resource Usage



Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
66	63.535	5.61	10.39	26.70
97	63.707	4.26	10.47	26.70
128	18,494.830	13.37	13.54	26.69
252	63.854	5.41	11.48	26.40
500	63.654	7.49	11.36	26.40

11. Frame Rate: 256

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	86 Mbps	failed
252 Mbps	83 Mbps	failed
128 Mbps	125 Mbps	failed
66 Mbps	66 Mbps	failed
35 Mbps	35 Mbps	Achieved

Result
The device failed at a frame data rate of 500 Megabits/s

Failed Criteria

11.1. Test Results for Bit Blaster

11.1.1. Component Description

Component: Bit Blaster

This component sends valid layer 2 ethernet frames with contrived content.

Component	Resource Used
Bit Blaster	np1-0, np1-0, np1-0, np1-0, np1-0

11.1.2. Test Component Criteria

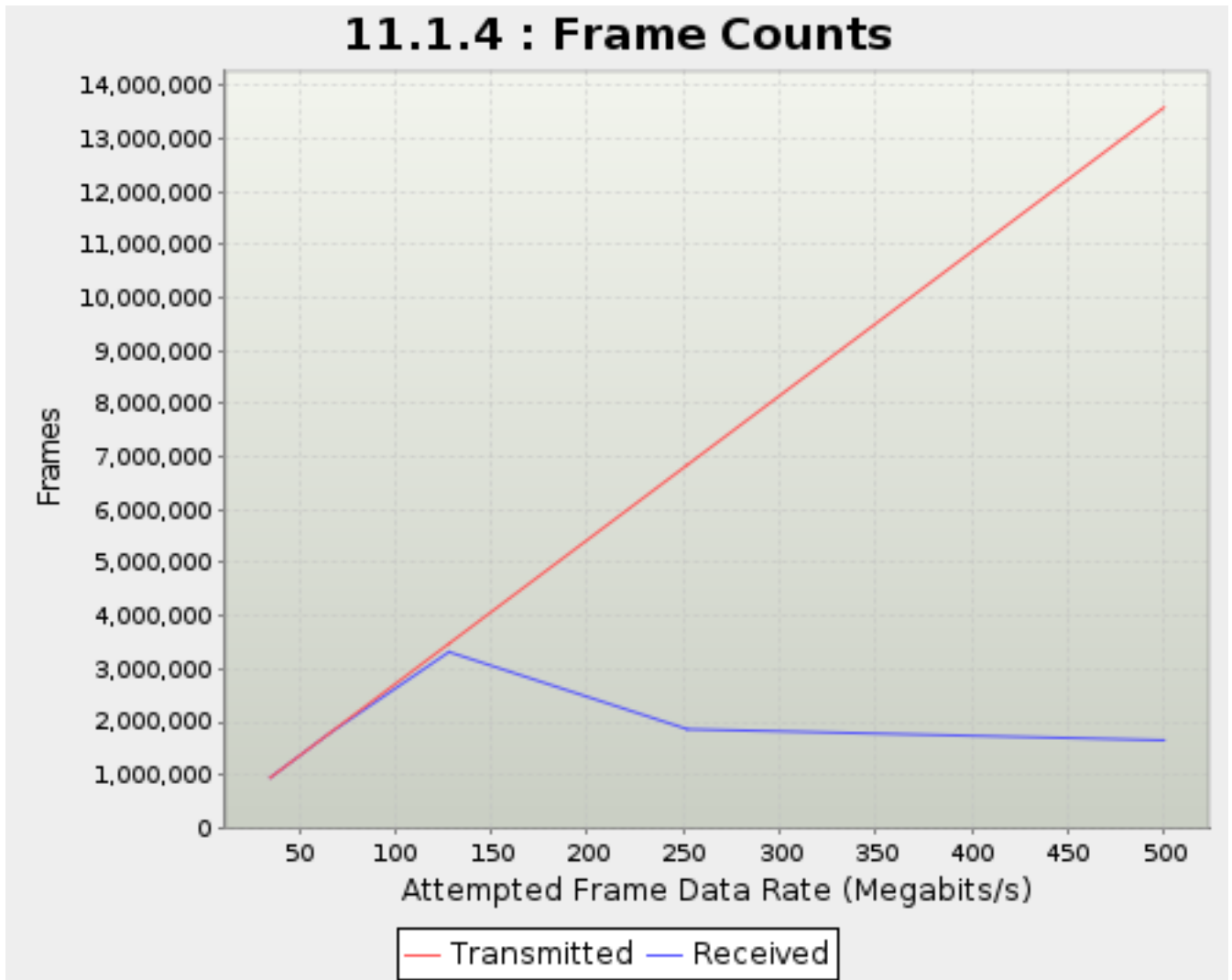
Number	Description
1	No predefined test criteria.

11.1.3. Traffic Appearance

Traffic was addressed as defined in the "vMX - Dual Core Performance Testing" network neighborhood.

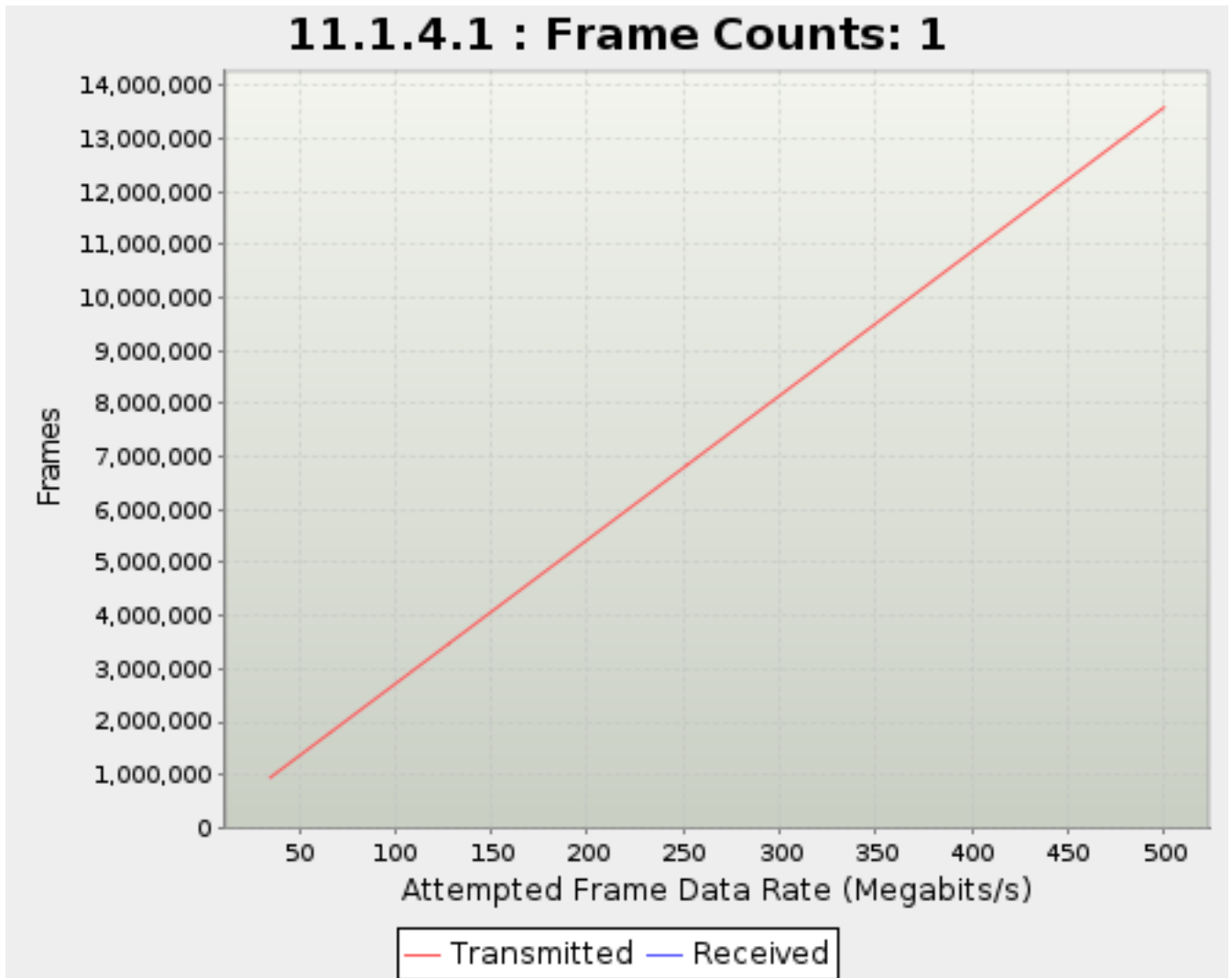
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

11.1.4. Frame Counts



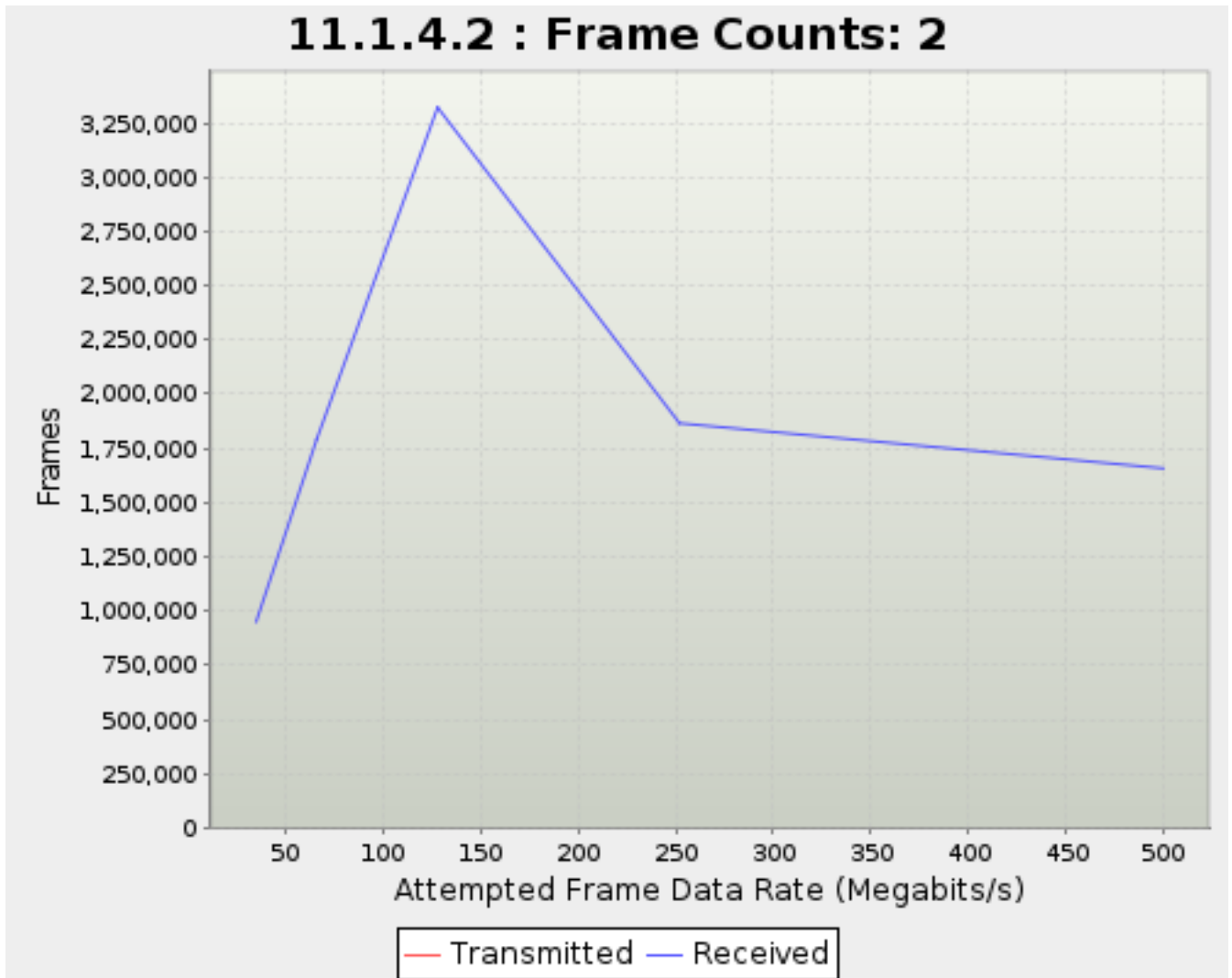
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	62.627	951,060	951,060
66	62.758	1,793,460	1,791,604
128	62.537	3,478,260	3,321,910
252	62.839	6,847,800	1,865,924
500	62.406	13,586,940	1,658,000

11.1.4.1. Frame Counts: 1



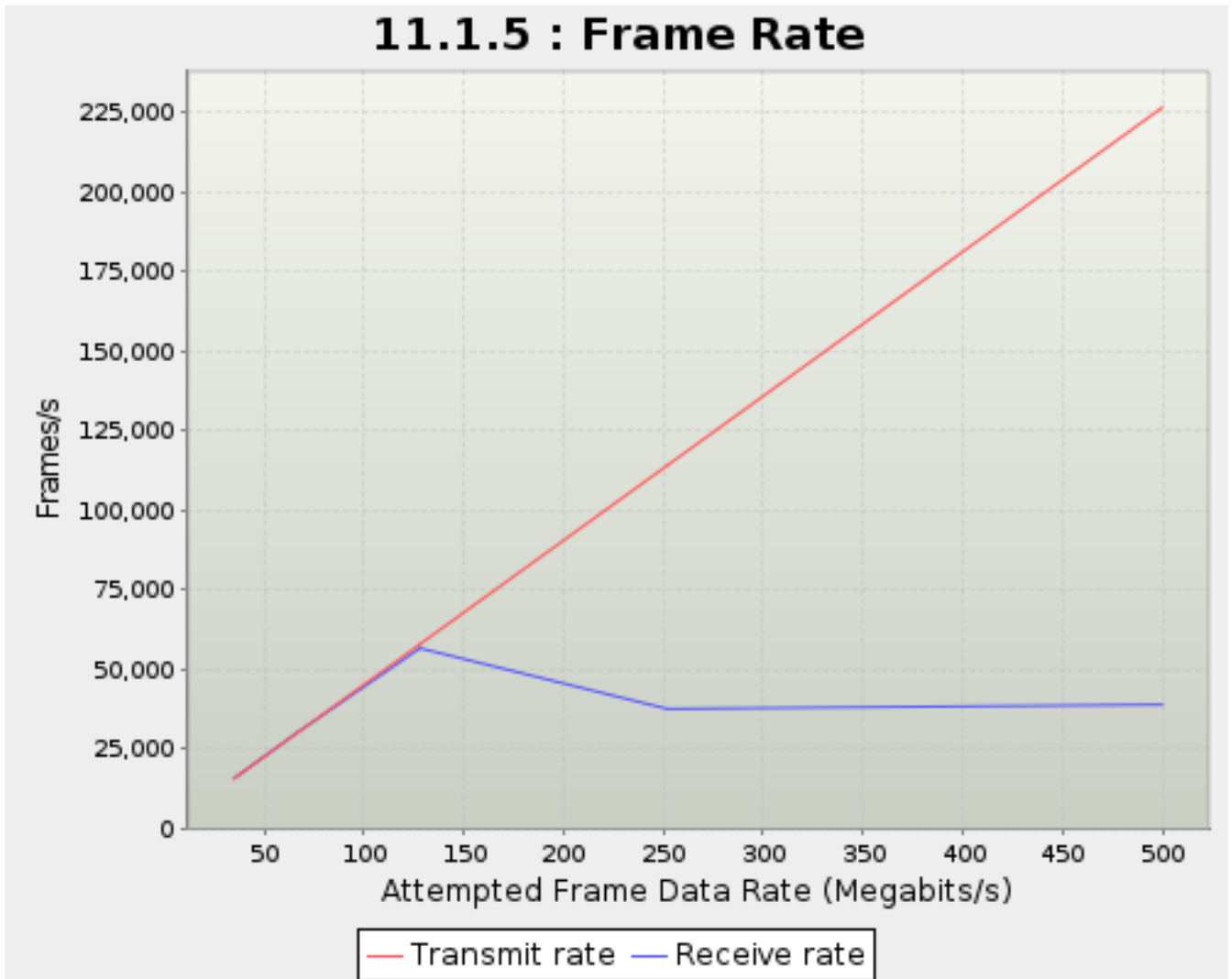
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	62.627	951,060	0
66	62.758	1,793,460	0
128	62.537	3,478,260	0
252	62.839	6,847,800	0
500	62.406	13,586,940	0

11.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	62.627	0	951,060
66	62.758	0	1,791,604
128	62.537	0	3,321,910
252	62.839	0	1,865,924
500	62.406	0	1,658,000

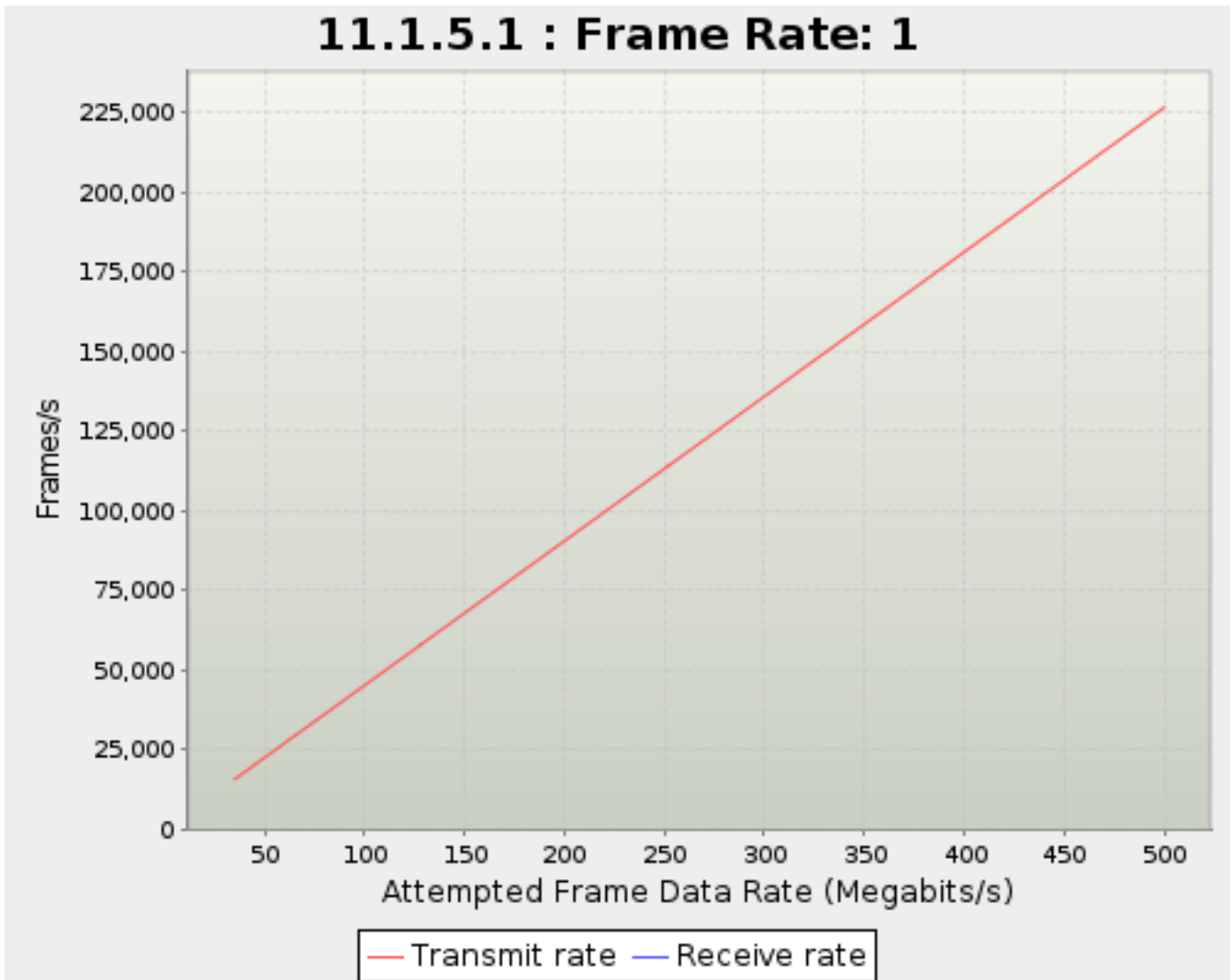
11.1.5. Frame Rate



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	62.627	~15850	~15960
66	62.758	~29890	~30030
128	62.537	~57970	~56700
252	62.839	~114100	~37660
500	62.406	~226400	~38980

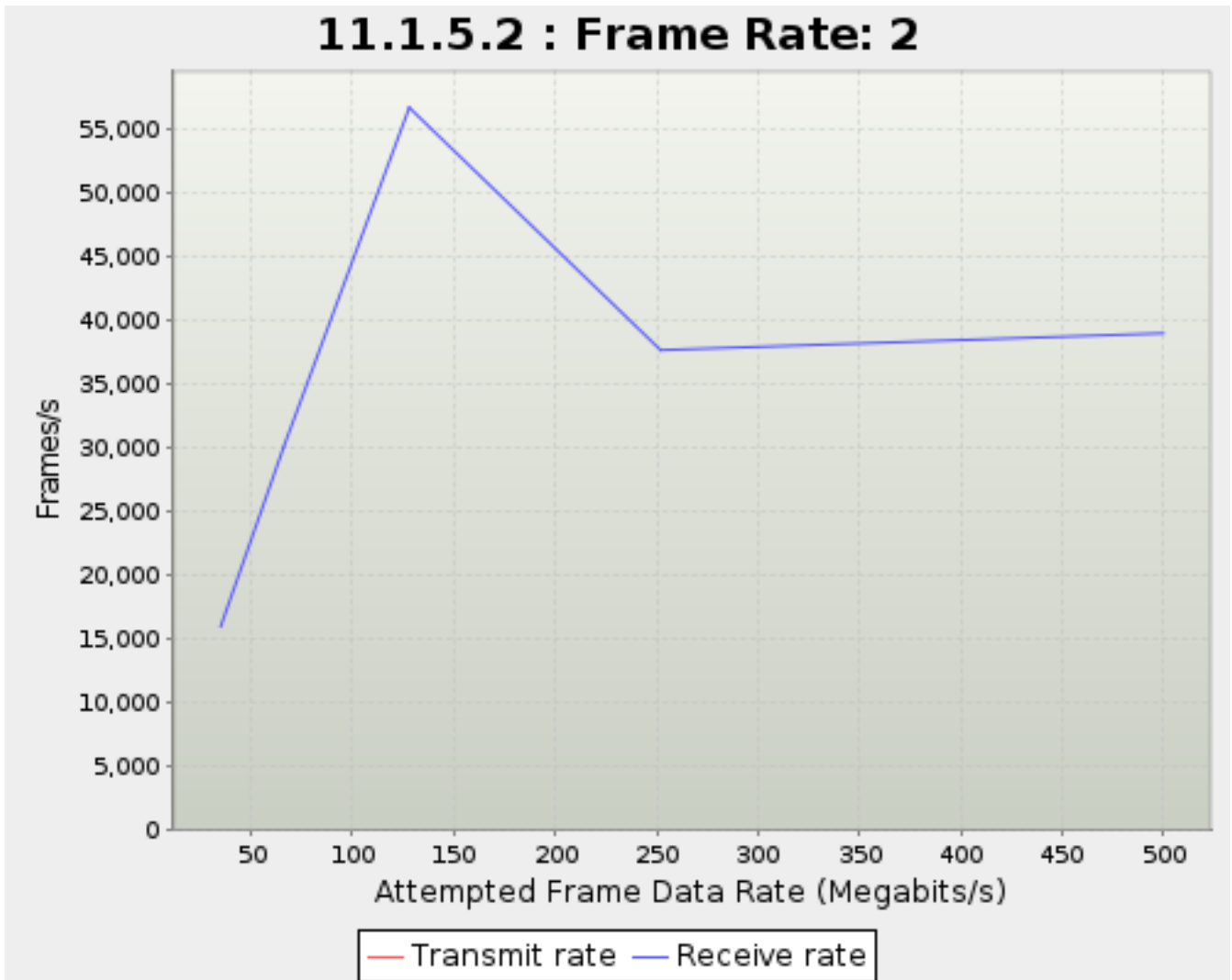
11.1.5.1. Frame Rate: 1



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	62.627	~15850	0.00
66	62.758	~29890	0.00
128	62.537	~57970	0.00
252	62.839	~114100	0.00
500	62.406	~226400	0.00

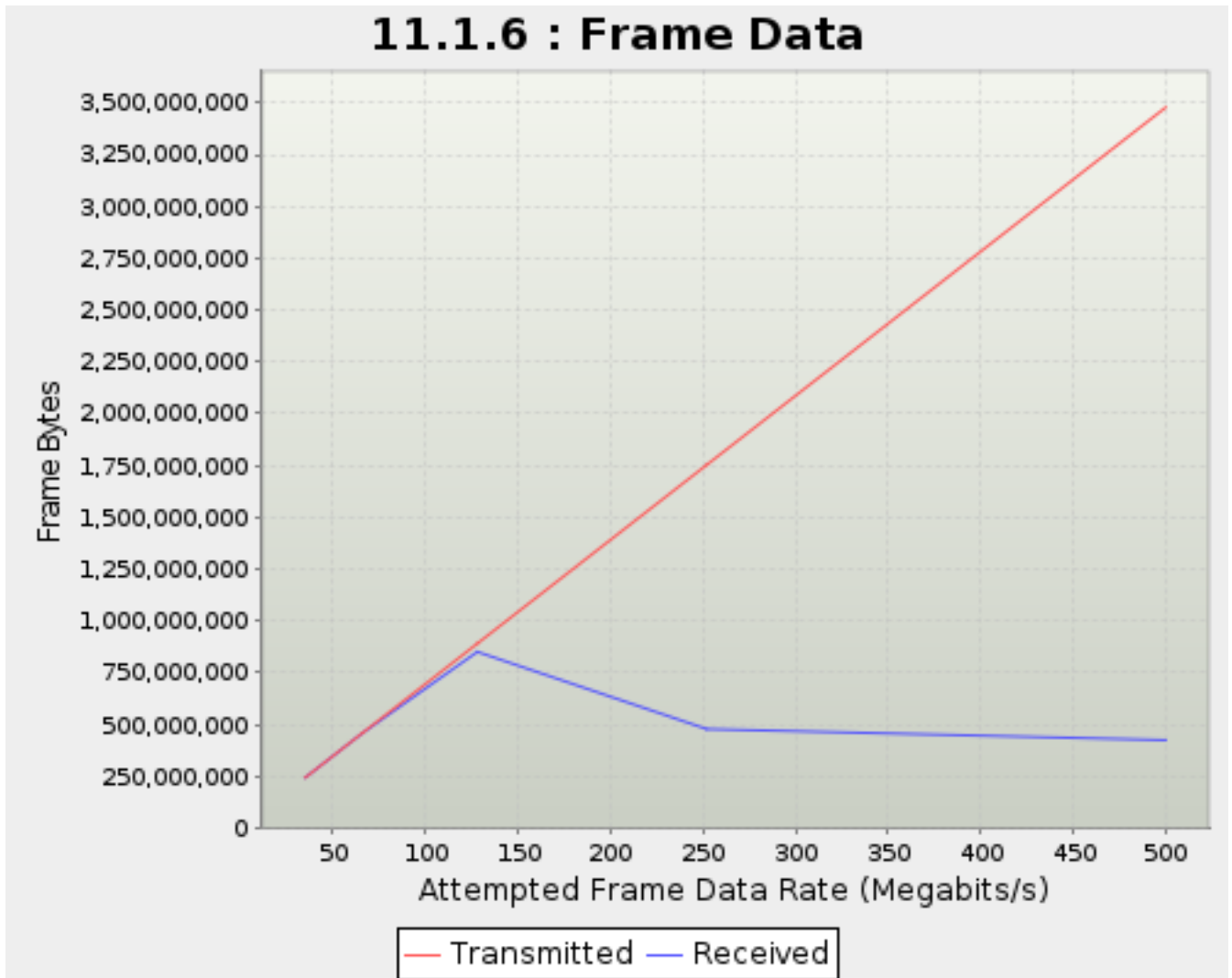
11.1.5.2. Frame Rate: 2



Rates can vary due to round-off errors in calculations.

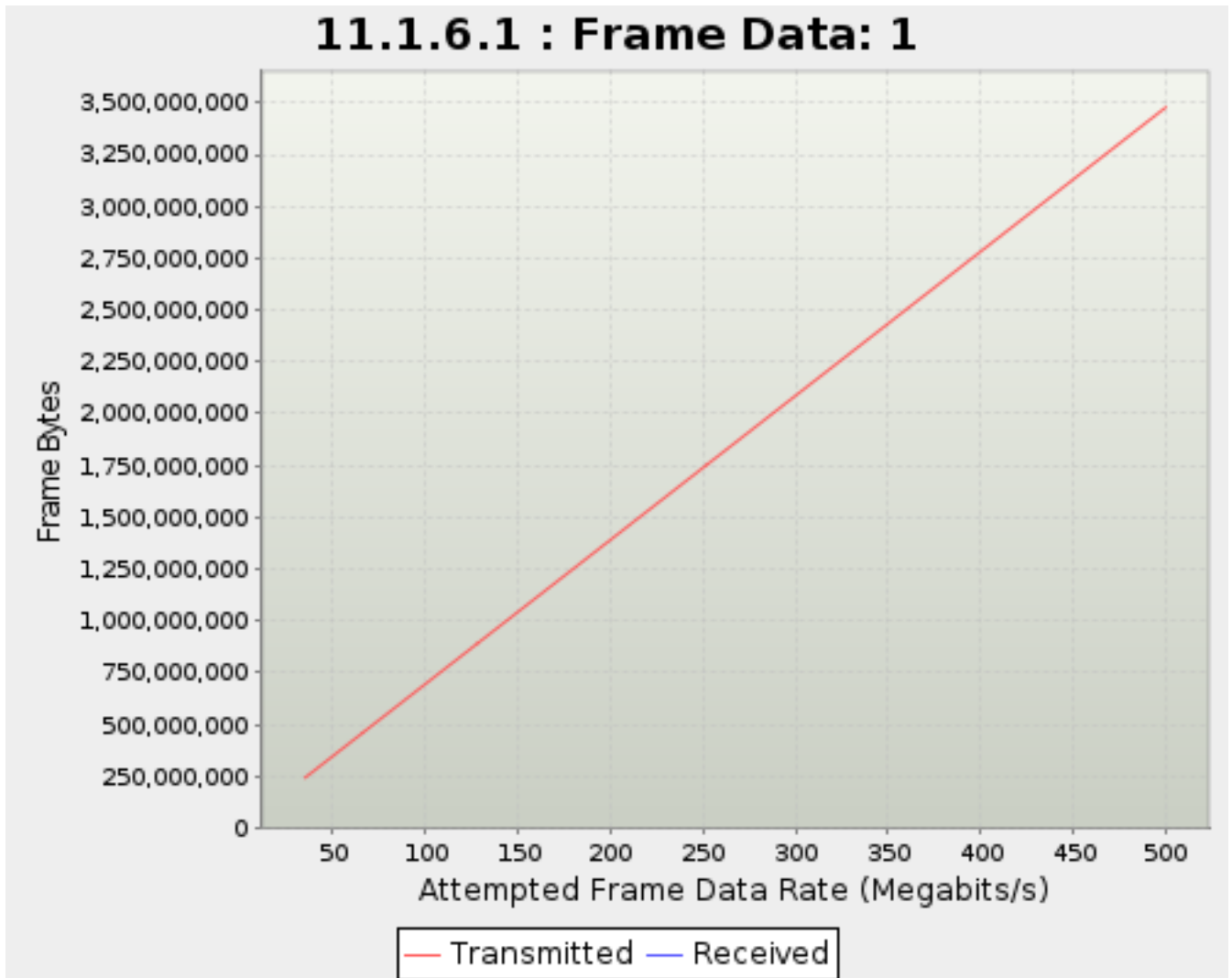
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	62.627	0.00	~15960
66	62.758	0.00	~30030
128	62.537	0.00	~56700
252	62.839	0.00	~37660
500	62.406	0.00	~38980

11.1.6. Frame Data



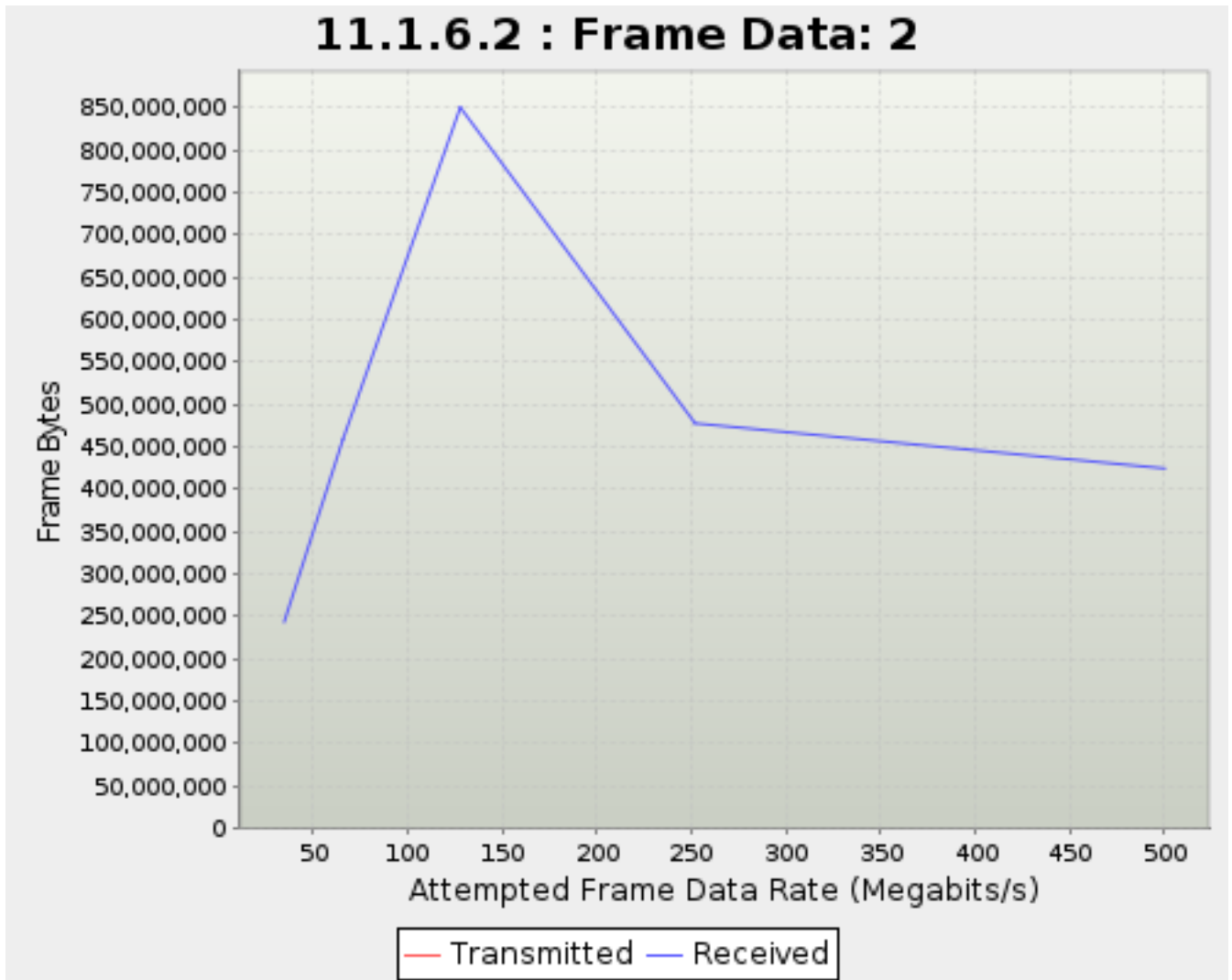
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	62.627	243,471,360	243,471,360
66	62.758	459,125,760	458,650,624
128	62.537	890,434,560	850,408,960
252	62.839	1,753,036,800	477,676,544
500	62.406	3,478,256,640	424,448,000

11.1.6.1. Frame Data: 1



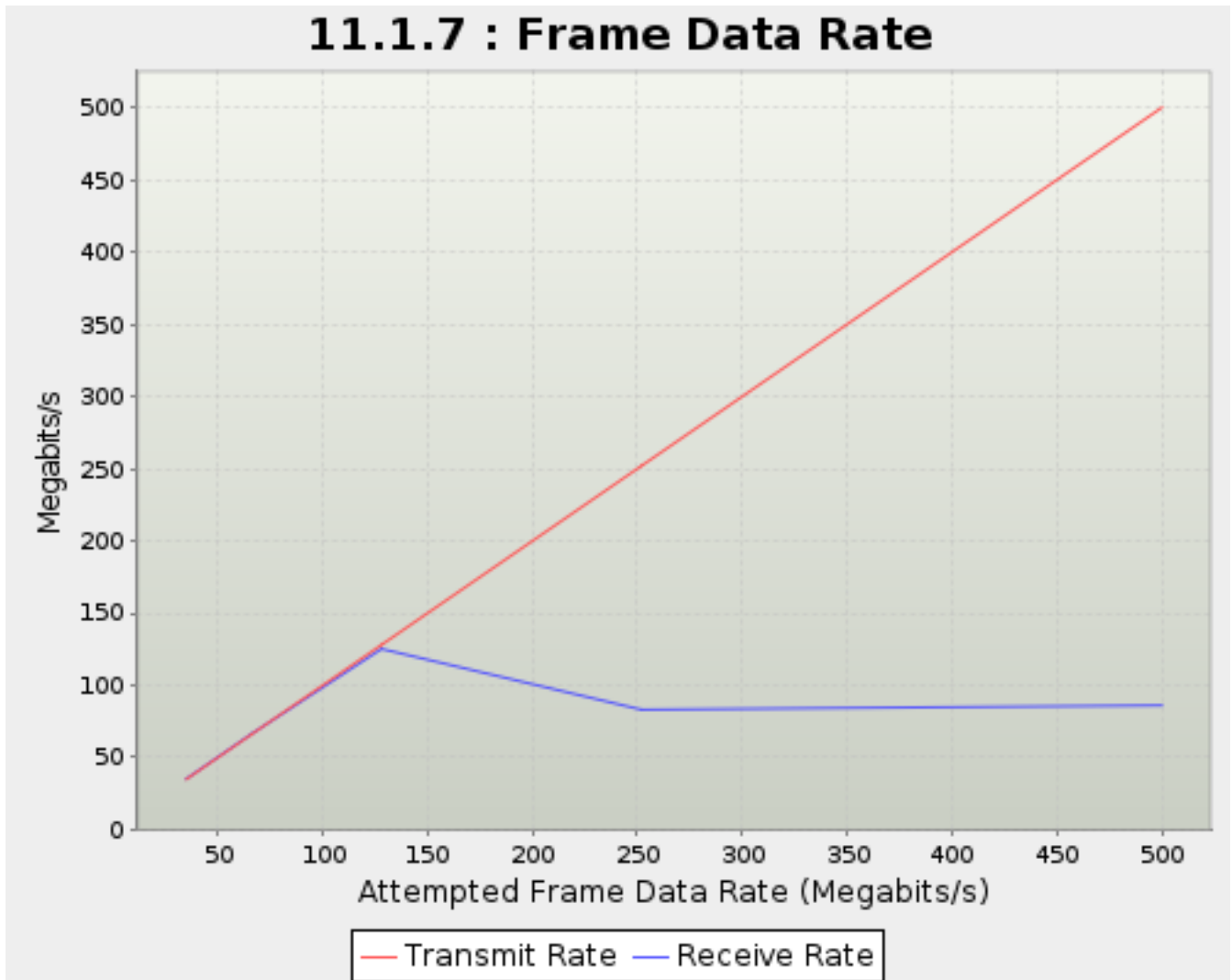
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted <i>Frame bytes</i>	Received <i>Frame bytes</i>
35	62.627	243,471,360	0
66	62.758	459,125,760	0
128	62.537	890,434,560	0
252	62.839	1,753,036,800	0
500	62.406	3,478,256,640	0

11.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frame bytes</i>
35	62.627	0	243,471,360
66	62.758	0	458,650,624
128	62.537	0	850,408,960
252	62.839	0	477,676,544
500	62.406	0	424,448,000

11.1.7. Frame Data Rate



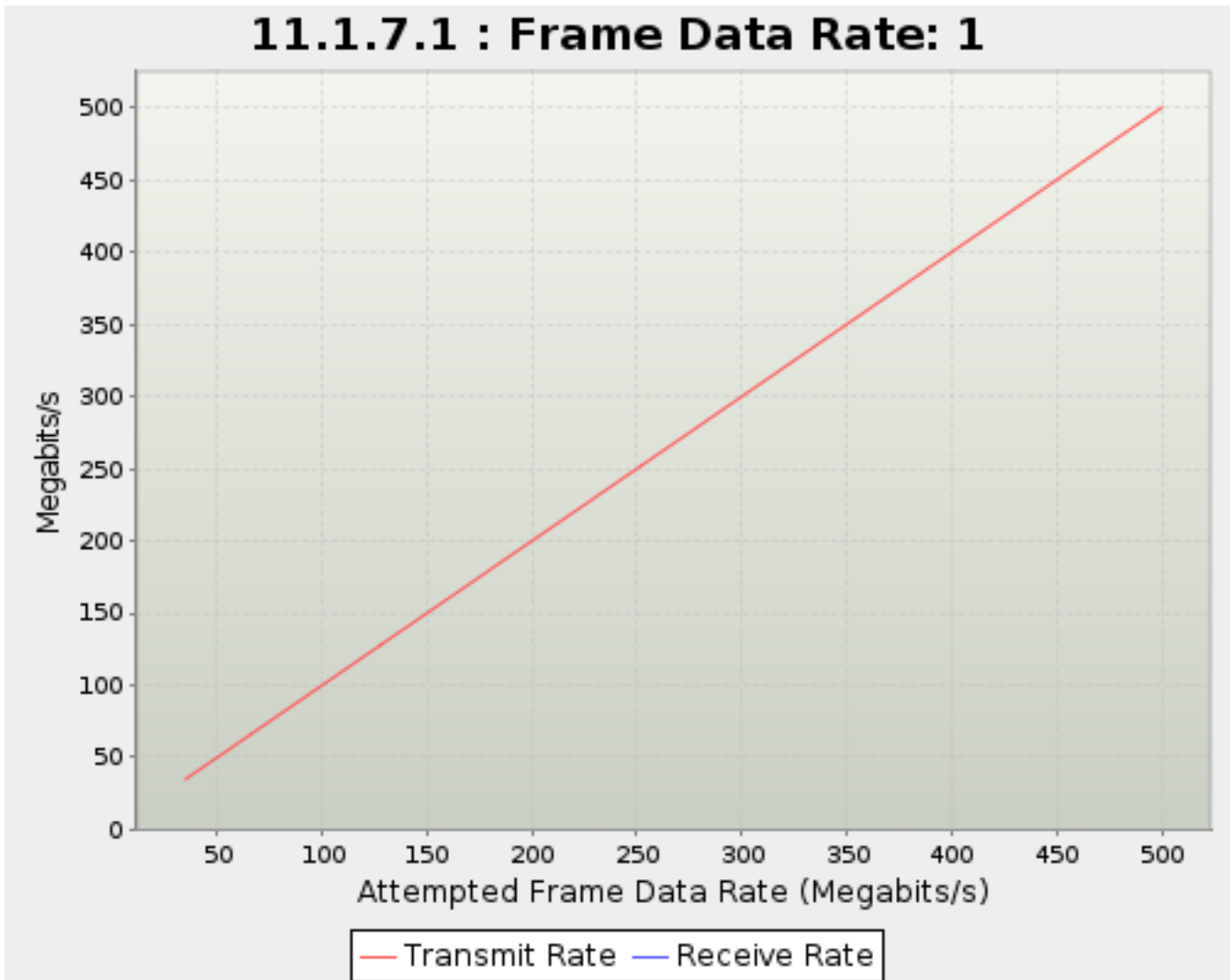
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	62.627	~35	35.24
66	62.758	~66	66.30
128	62.537	~128	125.2
252	62.839	~252	83.14
500	62.406	~500	86.08

11.1.7.1. Frame Data Rate: 1



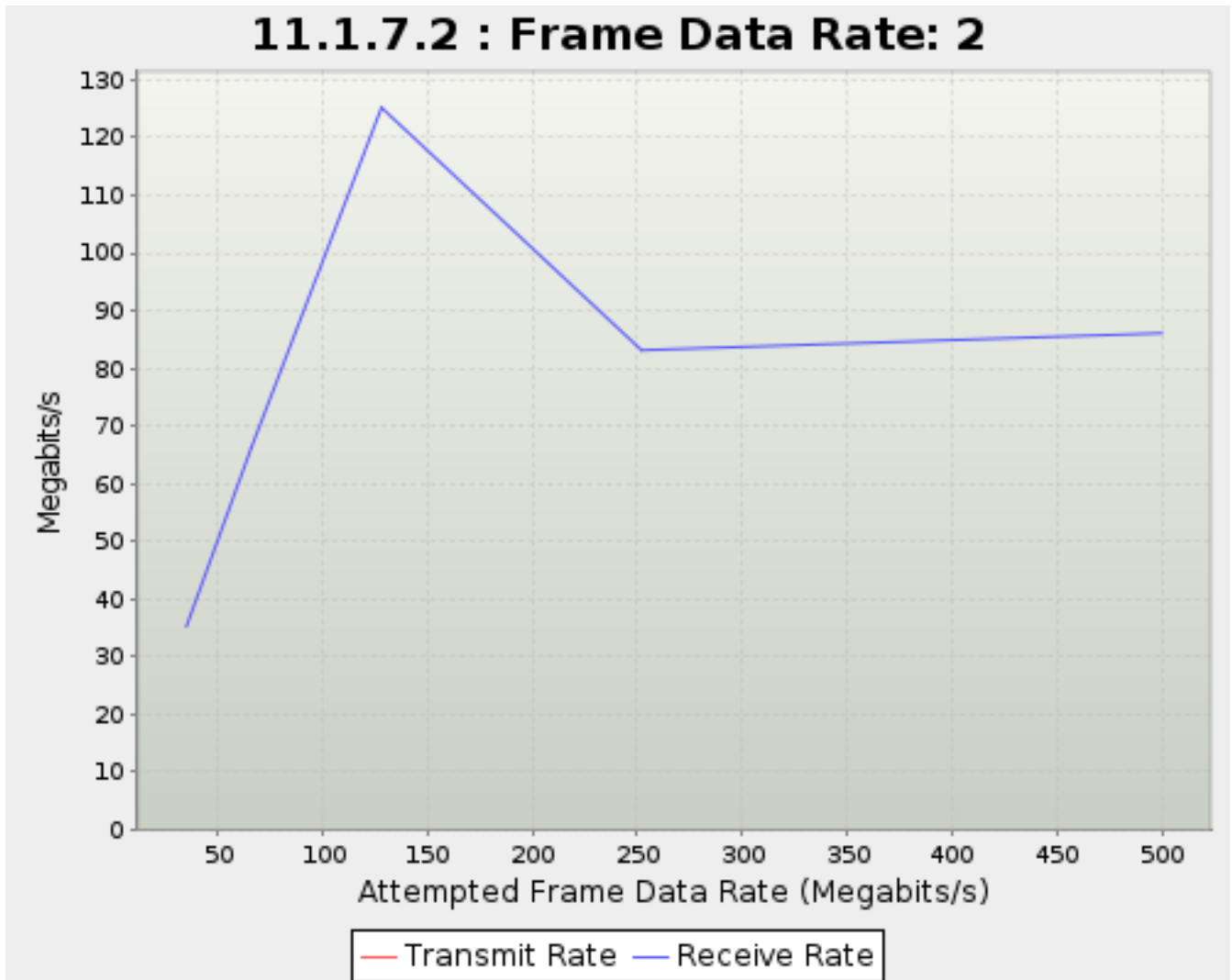
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	62.627	~35	0
66	62.758	~66	0
128	62.537	~128	0
252	62.839	~252	0
500	62.406	~500	0

11.1.7.2. Frame Data Rate: 2



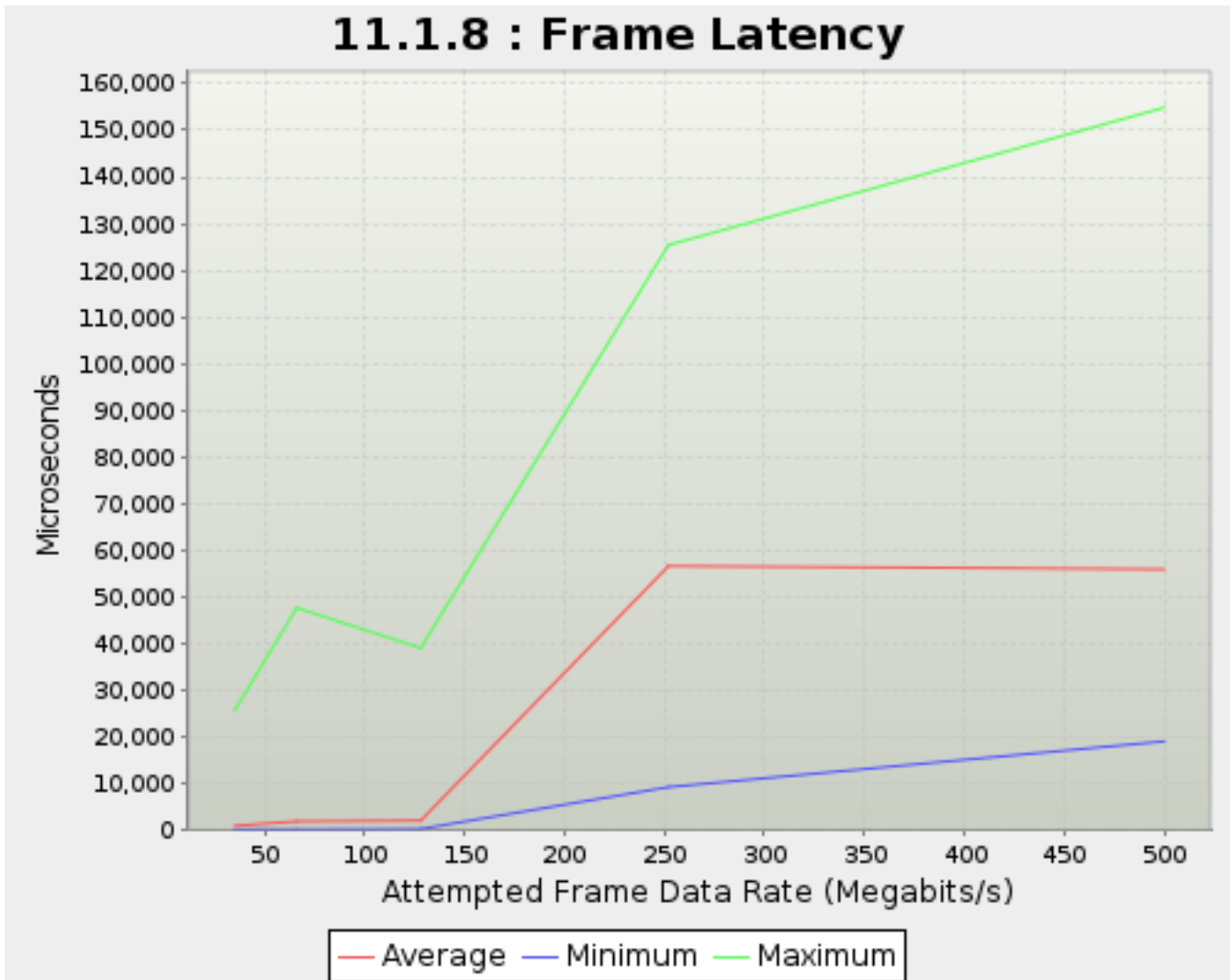
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

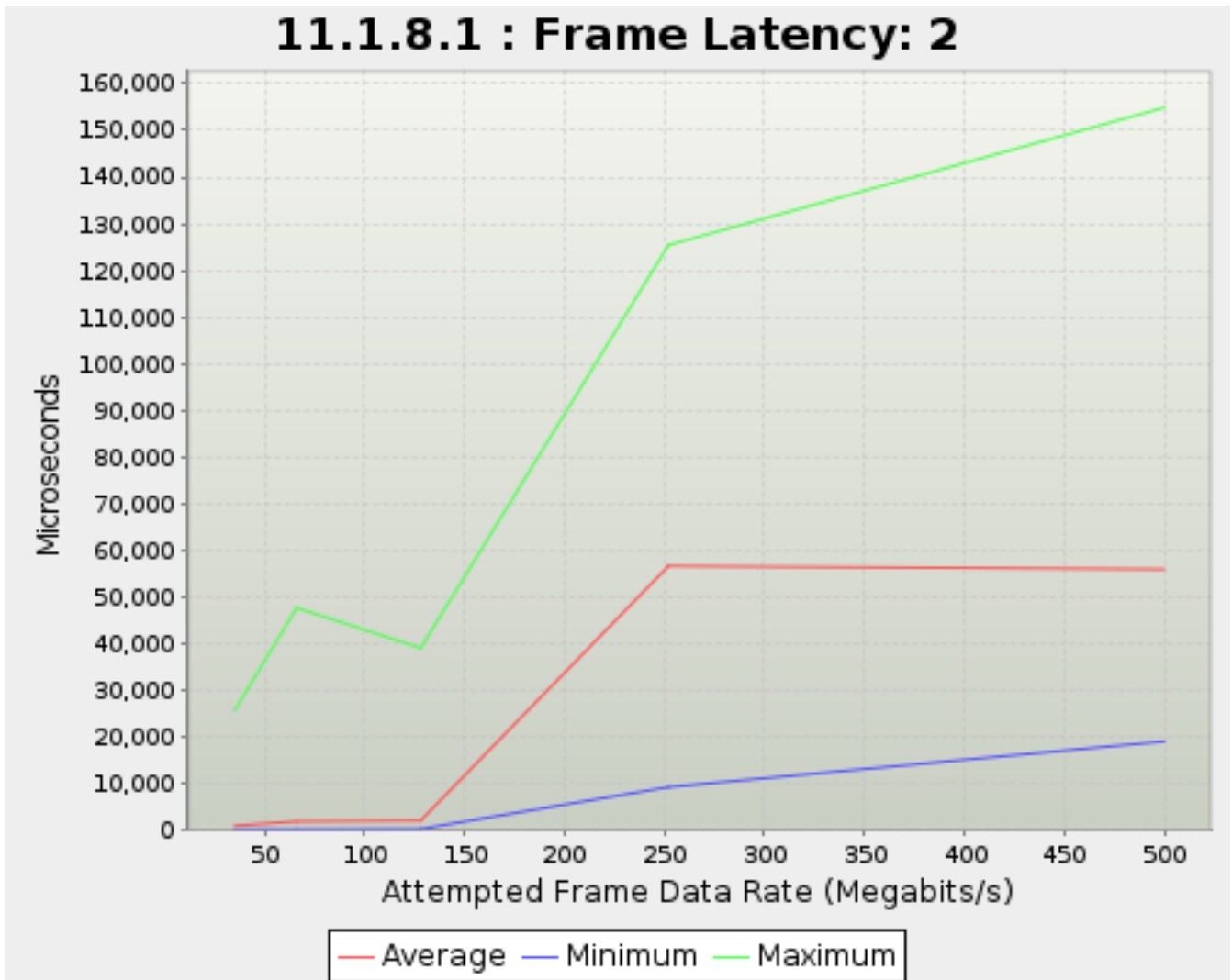
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	62.627	0	35.24
66	62.758	0	66.30
128	62.537	0	125.2
252	62.839	0	83.14
500	62.406	0	86.08

11.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
35	62.627	852.638	89.330	25,646.420
66	62.758	1,792.651	79.660	47,591.828
128	62.537	1,957.457	162.700	38,964.039
252	62.839	56,551.150	9,138.290	125,386.281
500	62.406	55,875.504	18,940.869	154,882.828

11.1.8.1. Frame Latency: 2

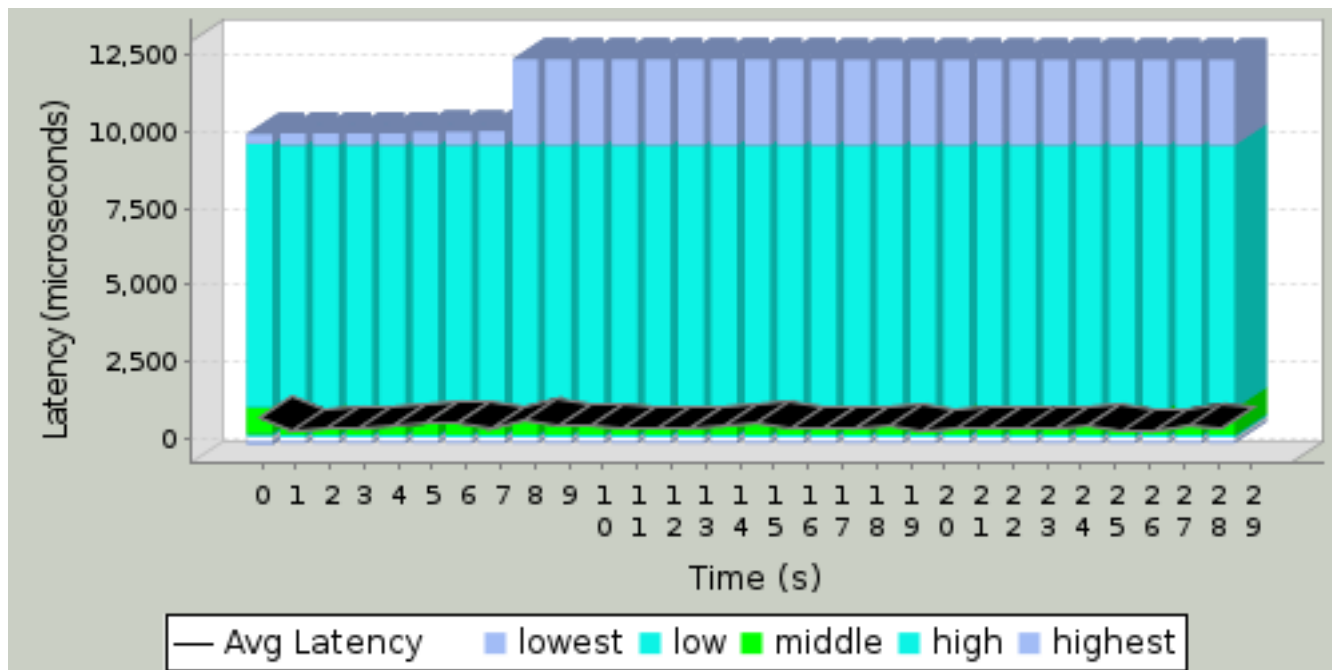


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
35	62.627	852.638	89.330	25,646.420
66	62.758	1,792.651	79.660	47,591.828
128	62.537	1,957.457	162.700	38,964.039
252	62.839	56,551.150	9,138.290	125,386.281
500	62.406	55,875.504	18,940.869	154,882.828

11.1.9. Frame Latency Distribution

This type of data can not be summarized, please view the detailed report sub-sections.

11.1.9.1. Frame Latency Distribution: 2



This chart shows latency ranges on the Y axis. The length of a colored bucket signifies its size relative to the total latency spread. It does not correspond to the number of packets.

The latency buckets are generated each second to an ideal normal curve, real packet latencies should be close but not exactly normal.

Buckets are generated as - bucket1 (dark blue): lowest 2.2%; bucket2 (light blue): low 13.7%; bucket3 (green): middle 68.2%; bucket4 (light blue): high 13.7%; bucket5 (dark blue): highest 2.2%

68.2% of packets sent during the interval (ideally) will be in the middle bucket (green).

Layer 2 and 3 tests on 1Gig blades do not support dynamic latency. These tests will have static 10,100,1000,10000,10000+ ms buckets.

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
			<i>microseconds</i>				<i>packets</i>					
35	0.333	756.866	149.840 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	0	4,558 86.885%	678 12.924%	10 0.191%
35	1.290	359.880	108.900 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	0	19,148 94.279%	1,140 5.613%	22 0.108%
35	2.287	408.582	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	0	34,253 94.535%	1,958 5.404%	22 0.061%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
35	3.285	444.886	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	49,109 94.355%	2,908 5.587%	30 0.058%	
35	4.283	461.932	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	64,071 94.415%	3,752 5.529%	38 0.056%	
35	5.290	551.822	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	78,804 94.006%	4,972 5.931%	53 0.063%	
35	6.318	574.494	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	93,684 93.566%	6,376 6.368%	66 0.066%	
35	7.286	404.600	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	108,466 93.974%	6,873 5.955%	82 0.071%	
35	8.283	724.355	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	122,972 93.676%	8,104 6.173%	198 0.151%	
35	9.291	474.039	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	137,992 93.714%	9,049 6.145%	207 0.141%	
35	10.288	506.336	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	152,814 93.716%	9,985 6.124%	261 0.160%	
35	11.286	437.248	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	167,966 93.901%	10,635 5.945%	274 0.153%	
35	12.284	426.511	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	183,109 94.053%	11,290 5.799%	288 0.148%	
35	13.291	399.698	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	198,341 94.152%	12,020 5.706%	299 0.142%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
35	14.289	495.393	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	213,103 94.096%	13,055 5.764%	316 0.140%	
35	15.287	616.474	105.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	227,203 93.774%	14,761 6.092%	323 0.133%	
35	16.284	389.572	104.580 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	242,001 93.761%	15,773 6.111%	329 0.127%	
35	17.282	379.988	99.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	257,107 93.864%	16,470 6.013%	337 0.123%	
35	18.289	397.331	99.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	272,324 93.941%	17,217 5.939%	345 0.119%	
35	19.287	498.475	99.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	287,098 93.914%	18,238 5.966%	365 0.119%	
35	20.285	301.429	99.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	302,490 94.083%	18,658 5.803%	365 0.114%	
35	21.282	454.308	99.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	317,139 94.014%	19,808 5.872%	382 0.113%	
35	22.290	391.485	99.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	332,393 94.082%	20,516 5.807%	392 0.111%	
35	23.287	452.722	99.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	347,256 94.079%	21,457 5.813%	399 0.108%	
35	24.285	415.881	99.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	362,318 94.126%	22,193 5.766%	415 0.108%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
35	25.313	487.155	99.400 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	377,688 94.135%	23,059 5.747%	473 0.118%	
35	26.290	357.941	99.400 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	392,680 94.232%	23,555 5.653%	479 0.115%	
35	27.288	354.687	99.400 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	408,055 94.342%	23,986 5.546%	486 0.112%	
35	28.286	546.186	99.400 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	422,655 94.271%	25,167 5.613%	519 0.116%	
35	29.283	417.433	99.400 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	437,644 94.288%	25,984 5.598%	527 0.114%	
35	30.291	426.168	99.400 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	452,646 94.276%	26,946 5.612%	534 0.111%	
35	31.288	525.097	99.400 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	467,202 94.205%	28,193 5.685%	546 0.110%	
35	32.286	878.624	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	190 0.037%	481,491 94.086%	29,038 5.674%	1,038 0.203%	
35	33.284	335.424	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	190 0.036%	496,642 94.138%	29,693 5.628%	1,044 0.198%	
35	34.291	423.312	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	190 0.035%	512,033 94.203%	30,262 5.568%	1,057 0.194%	
35	35.289	446.833	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	190 0.034%	526,977 94.212%	31,131 5.566%	1,057 0.189%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
35	36.287	386.318	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	190 0.033%	542,151 94.259%	31,760 5.522%	1,068 0.186%
35	37.284	411.502	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	190 0.032%	557,227 94.288%	32,486 5.497%	1,080 0.183%
35	38.282	314.686	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	190 0.031%	572,471 94.355%	32,981 5.436%	1,080 0.178%
35	39.289	502.788	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	190 0.031%	587,433 94.326%	34,053 5.468%	1,093 0.176%
35	40.287	362.249	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	190 0.030%	602,793 94.395%	34,500 5.403%	1,100 0.172%
35	41.285	348.718	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	190 0.029%	618,134 94.459%	34,964 5.343%	1,108 0.169%
35	42.282	553.211	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	190 0.028%	632,838 94.424%	36,055 5.380%	1,127 0.168%
35	43.290	519.949	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	190 0.028%	647,778 94.403%	37,070 5.402%	1,144 0.167%
35	44.288	470.562	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	190 0.027%	662,641 94.394%	38,010 5.415%	1,155 0.165%
35	45.305	416.688	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	190 0.026%	677,906 94.399%	38,870 5.413%	1,163 0.162%
35	46.283	358.033	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	190 0.026%	692,946 94.455%	39,316 5.359%	1,170 0.159%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
35	47.290	460.653	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 0.025%	708,035 94.456%	40,189 5.361%	1,182 0.158%	
35	48.288	466.849	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 0.025%	722,933 94.450%	41,093 5.369%	1,194 0.156%	
35	49.286	490.157	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 0.024%	737,700 94.429%	42,124 5.392%	1,209 0.155%	
35	50.283	468.227	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 0.024%	752,587 94.423%	43,040 5.400%	1,219 0.153%	
35	51.291	356.166	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 0.023%	768,163 94.484%	43,429 5.342%	1,227 0.151%	
35	52.289	452.831	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 0.023%	783,123 94.486%	44,269 5.341%	1,242 0.150%	
35	53.286	382.680	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 0.022%	798,262 94.509%	44,935 5.320%	1,250 0.148%	
35	54.284	389.691	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 0.022%	813,418 94.534%	45,587 5.298%	1,256 0.146%	
35	55.281	361.743	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 0.022%	828,804 94.584%	46,002 5.250%	1,268 0.145%	
35	56.289	690.374	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 0.021%	843,761 94.579%	46,642 5.228%	1,529 0.171%	
35	57.287	481.794	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 0.021%	858,852 94.582%	47,409 5.221%	1,595 0.176%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
35	58.284	384.243	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	190 0.021%	874,126 94.616%	47,910 5.186%	1,638 0.177%
35	59.282	485.915	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	190 0.020%	888,826 94.588%	49,015 5.216%	1,646 0.175%
35	62.627	494.384	89.330 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	190 0.020%	899,575 94.587%	49,639 5.219%	1,656 0.174%
66	0.383	649.259	143.940 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	0	10,584 93.830%	573 5.080%	123 1.090%
66	1.381	670.629	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	42 0.102%	37,488 91.209%	3,435 8.357%	136 0.331%
66	2.378	473.448	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	44 0.062%	65,444 92.279%	5,275 7.438%	157 0.221%
66	3.376	441.727	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	48 0.048%	93,496 92.807%	7,028 6.976%	170 0.169%
66	4.373	581.171	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	50 0.038%	120,576 92.353%	9,751 7.469%	183 0.140%
66	5.371	830.800	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	50 0.031%	147,161 91.801%	12,258 7.647%	835 0.521%
66	6.379	437.360	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	50 0.026%	175,516 92.171%	14,008 7.356%	850 0.446%
66	7.376	602.201	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	53 0.024%	202,958 92.152%	16,279 7.391%	953 0.433%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	8.374	471.765	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	61 0.024%	230,825 92.307%	18,205 7.280%	972 0.389%	
66	9.371	438.584	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	62 0.022%	259,105 92.576%	19,725 7.048%	991 0.354%	
66	10.379	889.232	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	63 0.020%	286,676 92.503%	21,406 6.907%	1,764 0.569%	
66	11.377	465.358	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	64 0.019%	314,416 92.549%	23,470 6.908%	1,781 0.524%	
66	12.374	408.631	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	65 0.018%	342,795 92.760%	24,891 6.736%	1,798 0.487%	
66	13.372	421.225	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	68 0.017%	371,017 92.909%	26,434 6.620%	1,816 0.455%	
66	14.380	349.129	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	71 0.017%	399,885 93.107%	27,716 6.453%	1,816 0.423%	
66	15.377	499.111	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	71 0.015%	427,428 93.059%	29,974 6.526%	1,835 0.400%	
66	16.375	546.044	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	73 0.015%	455,115 93.046%	32,080 6.559%	1,861 0.380%	
66	17.372	487.191	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	80 0.015%	482,845 93.043%	34,148 6.580%	1,875 0.361%	
66	18.370	564.065	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	80 0.015%	510,376 93.004%	36,420 6.637%	1,893 0.345%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
	<i>microseconds</i>						<i>packets</i>					
66	19.378	505.179	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	80 0.014%	538,360 92.999%	38,540 6.658%	1,908 0.330%
66	20.375	574.230	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	81 0.013%	565,873 92.963%	40,834 6.708%	1,921 0.316%
66	21.373	653.966	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	82 0.013%	592,854 92.847%	43,665 6.838%	1,929 0.302%
66	22.370	760.893	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	88 0.013%	619,243 92.655%	46,750 6.995%	2,250 0.337%
66	23.378	514.102	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	90 0.013%	646,905 92.620%	49,192 7.043%	2,264 0.324%
66	24.376	539.224	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	90 0.012%	674,525 92.620%	51,393 7.057%	2,264 0.311%
66	25.373	1,884.327	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	90 0.012%	699,559 92.417%	53,433 7.059%	3,876 0.512%
66	26.371	723.302	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	90 0.011%	727,100 92.423%	54,946 6.984%	4,575 0.582%
66	27.379	611.153	87.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	92 0.011%	754,543 92.374%	57,588 7.050%	4,608 0.564%
66	28.376	477.825	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	134 0.016%	782,352 92.406%	59,540 7.032%	4,623 0.546%
66	29.374	523.679	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	135 0.015%	809,956 92.411%	61,740 7.044%	4,640 0.529%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	30.371	469.959	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	135 0.015%	837,938 92.458%	63,558 7.013%	4,658 0.514%	
66	31.379	360.519	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	135 0.014%	866,769 92.563%	64,850 6.925%	4,658 0.497%	
66	32.377	540.575	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	139 0.014%	894,365 92.562%	67,055 6.940%	4,672 0.484%	
66	33.374	691.015	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	140 0.014%	921,544 92.520%	69,430 6.971%	4,936 0.496%	
66	34.372	673.253	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	142 0.014%	948,843 92.492%	71,699 6.989%	5,184 0.505%	
66	35.380	473.612	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	177 0.017%	976,976 92.518%	73,633 6.973%	5,203 0.493%	
66	36.377	436.953	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	178 0.016%	1,005,015 92.559%	75,398 6.944%	5,220 0.481%	
66	37.375	526.880	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	181 0.016%	1,032,858 92.581%	77,355 6.934%	5,235 0.469%	
66	38.372	513.191	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	182 0.016%	1,060,302 92.566%	79,712 6.959%	5,253 0.459%	
66	39.370	454.966	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	185 0.016%	1,088,083 92.582%	81,734 6.954%	5,267 0.448%	
66	40.378	479.495	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	186 0.015%	1,116,123 92.608%	83,623 6.938%	5,280 0.438%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	41.375	477.764	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	190 <i>0.015%</i>	1,144,258 <i>92.640%</i>	85,416 <i>6.915%</i>	5,303 <i>0.429%</i>	
66	42.373	429.717	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	192 <i>0.015%</i>	1,172,677 <i>92.701%</i>	86,818 <i>6.863%</i>	5,317 <i>0.420%</i>	
66	43.371	427.041	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	193 <i>0.015%</i>	1,200,848 <i>92.740%</i>	88,474 <i>6.833%</i>	5,334 <i>0.412%</i>	
66	44.378	504.229	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	197 <i>0.015%</i>	1,228,995 <i>92.756%</i>	90,431 <i>6.825%</i>	5,348 <i>0.404%</i>	
66	45.376	744.803	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	199 <i>0.015%</i>	1,255,400 <i>92.664%</i>	93,826 <i>6.925%</i>	5,366 <i>0.396%</i>	
66	46.373	431.841	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	201 <i>0.015%</i>	1,283,522 <i>92.699%</i>	95,506 <i>6.898%</i>	5,380 <i>0.389%</i>	
66	47.371	487.298	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	205 <i>0.014%</i>	1,311,489 <i>92.722%</i>	97,333 <i>6.881%</i>	5,400 <i>0.382%</i>	
66	48.379	474.066	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	208 <i>0.014%</i>	1,339,627 <i>92.737%</i>	99,296 <i>6.874%</i>	5,419 <i>0.375%</i>	
66	49.376	356.009	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	208 <i>0.014%</i>	1,368,066 <i>92.790%</i>	100,678 <i>6.829%</i>	5,419 <i>0.368%</i>	
66	50.374	445.242	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	210 <i>0.014%</i>	1,396,046 <i>92.811%</i>	102,499 <i>6.814%</i>	5,434 <i>0.361%</i>	
66	51.372	511.835	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	214 <i>0.014%</i>	1,423,741 <i>92.812%</i>	104,603 <i>6.819%</i>	5,451 <i>0.355%</i>	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
66	52.379	1,345.028	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	221 0.014%	1,451,069 92.798%	105,549 6.750%	6,853 0.438%
66	53.377	508.962	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	225 0.014%	1,478,692 92.795%	107,722 6.760%	6,872 0.431%
66	54.374	753.464	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	226 0.014%	1,504,856 92.702%	111,301 6.856%	6,948 0.428%
66	55.372	509.596	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	227 0.014%	1,532,419 92.697%	113,539 6.868%	6,967 0.421%
66	56.380	465.862	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	227 0.013%	1,560,696 92.718%	115,365 6.854%	6,982 0.415%
66	57.377	773.082	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	227 0.013%	1,588,205 92.711%	117,160 6.839%	7,470 0.436%
66	58.375	506.835	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	229 0.013%	1,615,803 92.709%	119,379 6.850%	7,470 0.429%
66	59.373	420.284	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	229 0.013%	1,644,061 92.743%	120,925 6.822%	7,486 0.422%
66	62.758	368.542	79.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	233 0.013%	1,661,868 92.759%	122,017 6.810%	7,486 0.418%
128	0.272	3,890.151	197.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	5,056 36.524%	6,725 48.581%	2,062 14.896%
128	1.260	2,237.416	174.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	44,472 66.624%	15,727 23.561%	6,552 9.816%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	2.257	1,629.374	174.490 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	86,132 70.755%	26,811 22.025%	8,789 7.220%	
128	3.275	1,407.345	174.490 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	129,931 72.410%	37,984 21.168%	11,523 6.422%	
128	4.262	1,759.456	174.490 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	168,032 71.795%	52,047 22.238%	13,966 5.967%	
128	5.260	2,045.136	174.490 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	208,781 72.337%	62,747 21.740%	17,093 5.922%	
128	6.258	2,018.049	174.490 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	250,382 72.927%	72,044 20.984%	20,905 6.089%	
128	7.265	1,993.153	172.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	287,915 72.031%	87,983 22.012%	23,814 5.958%	
128	8.263	1,823.205	172.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	330,486 72.791%	96,542 21.264%	26,994 5.946%	
128	9.261	2,037.085	172.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	366,443 71.980%	112,921 22.181%	29,725 5.839%	
128	10.258	2,033.795	172.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	405,063 71.829%	125,264 22.213%	33,600 5.958%	
128	11.266	1,997.815	172.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	447,230 72.286%	134,368 21.718%	37,098 5.996%	
128	12.263	1,635.264	172.290 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	490,706 72.845%	143,093 21.242%	39,835 5.913%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	13.261	2,061.357	171.050 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	528,457 72.599%	156,955 21.562%	42,505 5.839%	
128	14.259	1,963.209	170.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	567,935 72.582%	168,088 21.482%	46,448 5.936%	
128	15.266	1,755.501	170.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	609,945 72.756%	178,964 21.347%	49,435 5.897%	
128	16.264	1,268.785	170.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	657,765 73.590%	184,640 20.657%	51,414 5.752%	
128	17.262	2,007.474	170.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	694,667 73.212%	198,910 20.963%	55,264 5.824%	
128	18.259	1,905.712	170.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	736,409 73.387%	208,188 20.747%	58,858 5.866%	
128	19.267	1,767.465	170.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	780,908 73.739%	216,276 20.422%	61,830 5.838%	
128	20.264	2,081.059	170.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	818,066 73.447%	229,954 20.646%	65,793 5.907%	
128	21.262	1,486.431	170.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	864,421 73.924%	236,127 20.193%	68,786 5.882%	
128	22.260	1,439.435	170.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	911,944 74.466%	241,321 19.705%	71,378 5.828%	
128	23.257	1,410.263	170.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	959,451 74.960%	246,623 19.268%	73,870 5.771%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
128	24.265	1,340.746	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,007,233 75.392%	252,754 18.919%	76,006 5.689%
128	25.263	1,192.952	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,055,801 75.821%	258,812 18.586%	77,870 5.592%
128	26.260	1,378.025	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,104,249 76.241%	263,329 18.181%	80,793 5.578%
128	27.258	1,437.894	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,152,905 76.673%	266,234 17.706%	84,528 5.621%
128	28.265	1,617.436	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,199,856 76.933%	272,386 17.465%	87,375 5.602%
128	29.263	1,485.169	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,246,947 77.191%	278,045 17.212%	90,406 5.597%
128	30.261	1,159.765	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,296,471 77.590%	282,083 16.882%	92,379 5.529%
128	31.258	1,280.616	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,346,130 77.937%	286,203 16.570%	94,868 5.493%
128	32.266	1,661.735	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,393,481 78.166%	291,116 16.330%	98,122 5.504%
128	33.364	1,331.333	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,446,701 78.489%	296,365 16.079%	100,128 5.432%
128	34.261	1,667.386	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,487,696 78.602%	301,861 15.949%	103,127 5.449%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	35.259	1,480.233	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,533,787 78.738%	308,562 15.840%	105,626 5.422%	
128	36.266	1,418.951	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,582,450 78.962%	312,686 15.603%	108,919 5.435%	
128	37.264	1,514.166	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,629,000 79.095%	318,535 15.466%	112,026 5.439%	
128	38.262	1,465.130	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,677,066 79.298%	322,588 15.253%	115,239 5.449%	
128	39.259	1,536.547	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,723,600 79.417%	328,381 15.131%	118,334 5.452%	
128	40.287	1,422.682	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,772,548 79.571%	333,770 14.983%	121,306 5.446%	
128	41.264	1,637.503	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,817,749 79.671%	339,352 14.874%	124,463 5.455%	
128	42.262	1,605.386	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,862,915 79.704%	346,686 14.833%	127,684 5.463%	
128	43.260	1,669.533	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,906,271 79.668%	356,117 14.883%	130,373 5.449%	
128	44.257	1,413.384	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,954,520 79.839%	359,967 14.704%	133,587 5.457%	
128	45.265	1,132.094	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,005,459 80.055%	363,927 14.527%	135,719 5.418%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds								packets				
128	46.263	1,665.872	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,050,738 80.100%	371,005 14.491%	138,493 5.409%
128	47.260	1,694.584	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,096,045 80.161%	377,242 14.427%	141,501 5.412%
128	48.258	1,506.844	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,142,327 80.224%	383,502 14.361%	144,588 5.414%
128	49.265	1,387.595	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,189,427 80.292%	390,386 14.316%	147,030 5.392%
128	50.263	1,454.849	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,236,047 80.366%	396,144 14.238%	150,148 5.396%
128	51.261	1,602.981	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,284,099 80.505%	399,524 14.082%	153,591 5.413%
128	52.258	1,582.655	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,329,651 80.554%	406,630 14.060%	155,763 5.386%
128	53.266	1,723.598	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,377,632 80.671%	411,226 13.953%	158,458 5.376%
128	54.264	1,478.414	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,425,591 80.783%	415,352 13.833%	161,675 5.384%
128	55.261	1,533.951	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,472,959 80.871%	420,254 13.743%	164,703 5.386%
128	56.279	1,428.403	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,521,846 80.969%	425,204 13.652%	167,549 5.379%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
128	57.266	1,664.711	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,566,852 81.001%	431,221 13.608%	170,824 5.391%	
128	58.264	1,427.822	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,614,721 81.091%	435,988 13.521%	173,702 5.387%	
128	59.262	1,088.939	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,665,852 81.269%	438,552 13.369%	175,870 5.361%	
128	62.537	1,721.770	162.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,699,487 81.263%	443,969 13.365%	178,454 5.372%	
252	0.423	23,005.920	17017.300 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	0	10,910 100.000%	
252	1.411	21,322.983	12392.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	0	40,035 100.000%	
252	2.408	23,407.617	9924.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	8 0.012%	66,732 99.988%	
252	3.416	21,403.899	9924.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	8 0.008%	96,627 99.992%	
252	4.414	20,491.135	9924.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	8 0.006%	127,342 99.994%	
252	5.411	22,613.667	9924.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	8 0.005%	155,117 99.995%	
252	6.409	22,181.553	9924.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	8 0.004%	183,466 99.996%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
		<i>microseconds</i>						<i>packets</i>					
252	7.406	20,632.771	9730.620 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	24 0.011%	213,821 99.989%	
252	8.414	22,205.952	9453.380 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	73 0.030%	242,490 99.970%	
252	9.412	20,344.486	9453.380 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	73 0.027%	273,415 99.973%	
252	10.409	21,332.309	9453.380 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	73 0.024%	302,656 99.976%	
252	11.407	22,346.190	9453.380 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	73 0.022%	330,606 99.978%	
252	12.415	20,301.206	9453.380 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	73 0.020%	362,131 99.980%	
252	13.412	21,113.334	9453.380 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	73 0.019%	391,806 99.981%	
252	14.410	20,432.091	9453.380 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	73 0.017%	422,590 99.983%	
252	15.407	20,446.542	9453.380 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	73 0.016%	453,270 99.984%	
252	16.415	20,154.225	9453.380 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	73 0.015%	484,719 99.985%	

*Note: Max rows reached. Export to csv or zip to view all

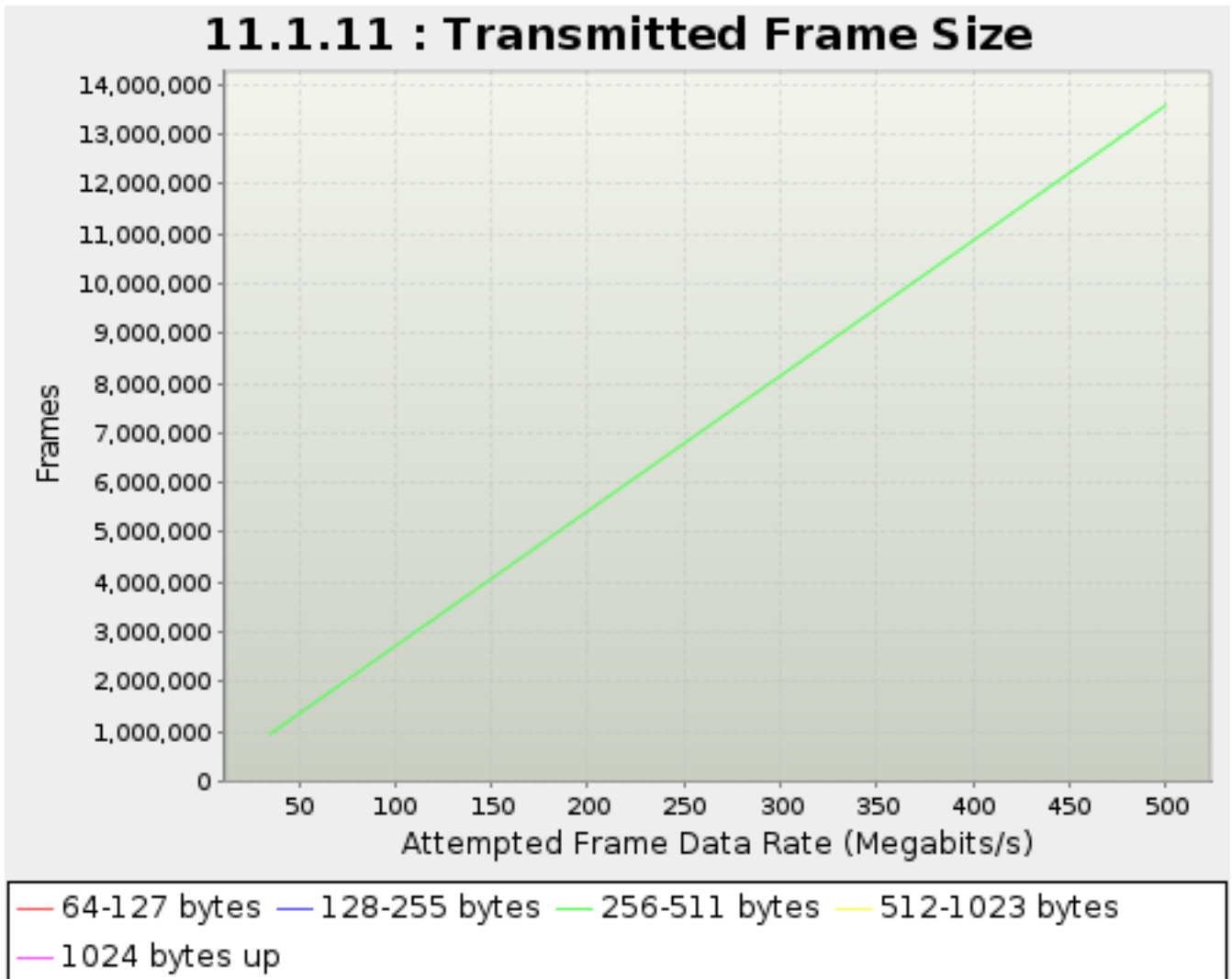
11.1.10. Component Summary

Attempted Frame Data Rate	Frames transmitted	Frames received	Frame bytes transmitted	Frame bytes received
	<i>Frames</i>		<i>Frame bytes</i>	
35	951,060	951,060 100.000%	243,471,360	243,471,360 100.000%
66	1,793,460	1,791,604 99.897%	459,125,760	458,650,624 99.897%
128	3,478,260	3,321,910 95.505%	890,434,560	850,408,960 95.505%
252	6,847,800	1,865,924 27.249%	1,753,036,800	477,676,544 27.249%
500	13,586,940	1,658,000 12.203%	3,478,256,640	424,448,000 12.203%

Attempted Frame Data Rate	Maximum frame transmit rate	Maximum frame receive rate	Maximum frame data transmit rate	Maximum frame data receive rate
	<i>Frames/s</i>		<i>Megabits/s</i>	
35	~15850	~15960	~35	35.24
66	~29890	~30030	~66	66.30
128	~57970	~56700	~128	125.2
252	~114100	~37660	~252	83.14
500	~226400	~38980	~500	86.08

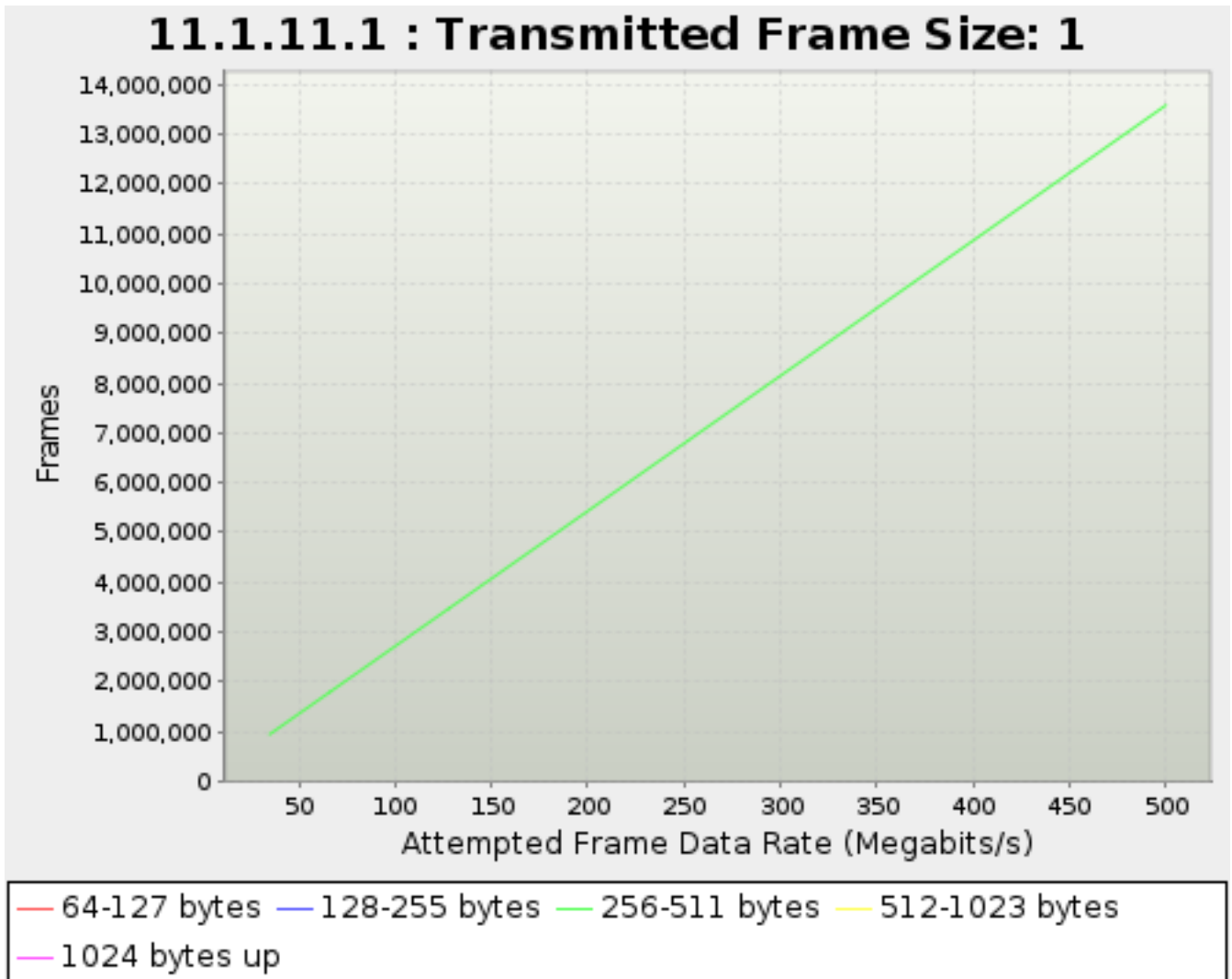
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
35	0	428	0	0	64	0	0	0
66	0	561	0	0	64	1,856	0	0
128	0	28,466	0	0	64	156,350	0	0
252	0	549,295	0	0	64	4,981,876	0	0
500	0	618,557	0	0	64	11,928,940	0	0

11.1.11. Transmitted Frame Size



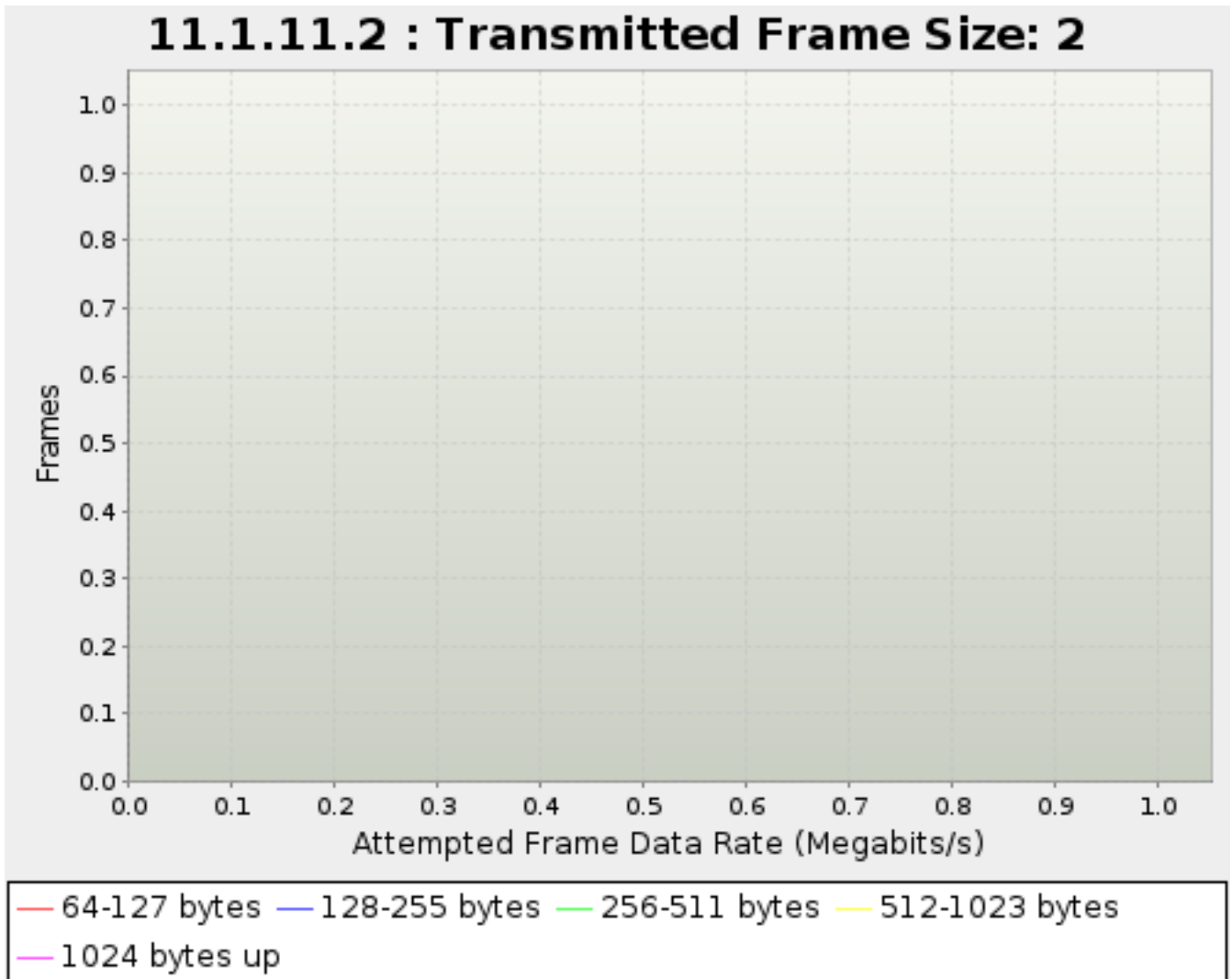
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
35	62.627	0	0	951,060	0	0
66	62.758	0	0	1,793,460	0	0
128	62.537	0	0	3,478,260	0	0
252	62.839	0	0	6,847,800	0	0
500	62.406	0	0	13,586,940	0	0

11.1.11.1. Transmitted Frame Size: 1



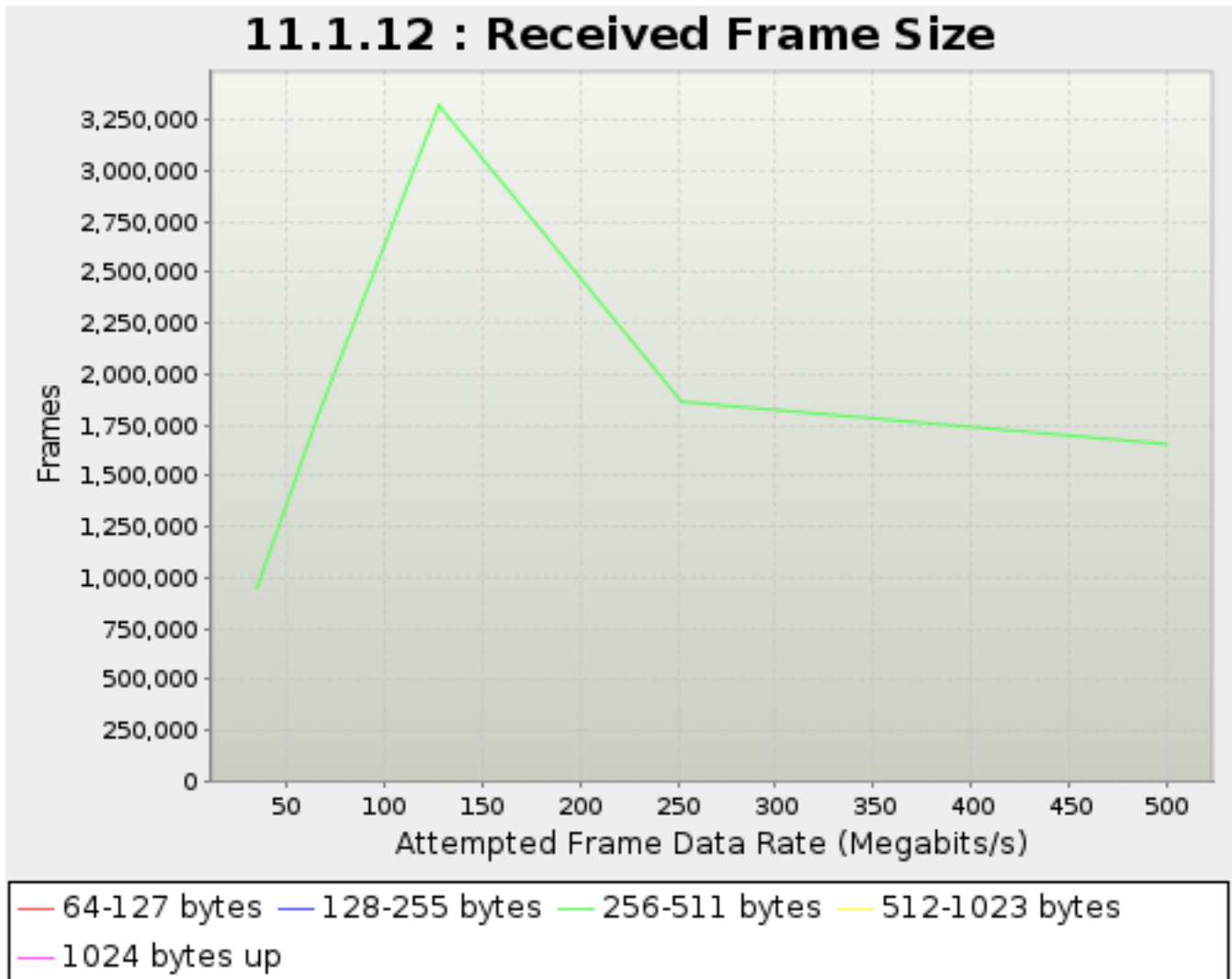
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
35	62.627	0	0	951,060	0	0
66	62.758	0	0	1,793,460	0	0
128	62.537	0	0	3,478,260	0	0
252	62.839	0	0	6,847,800	0	0
500	62.406	0	0	13,586,940	0	0

11.1.11.2. Transmitted Frame Size: 2



Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
35	62.627	0	0	0	0	0
66	62.758	0	0	0	0	0
128	62.537	0	0	0	0	0
252	62.839	0	0	0	0	0
500	62.406	0	0	0	0	0

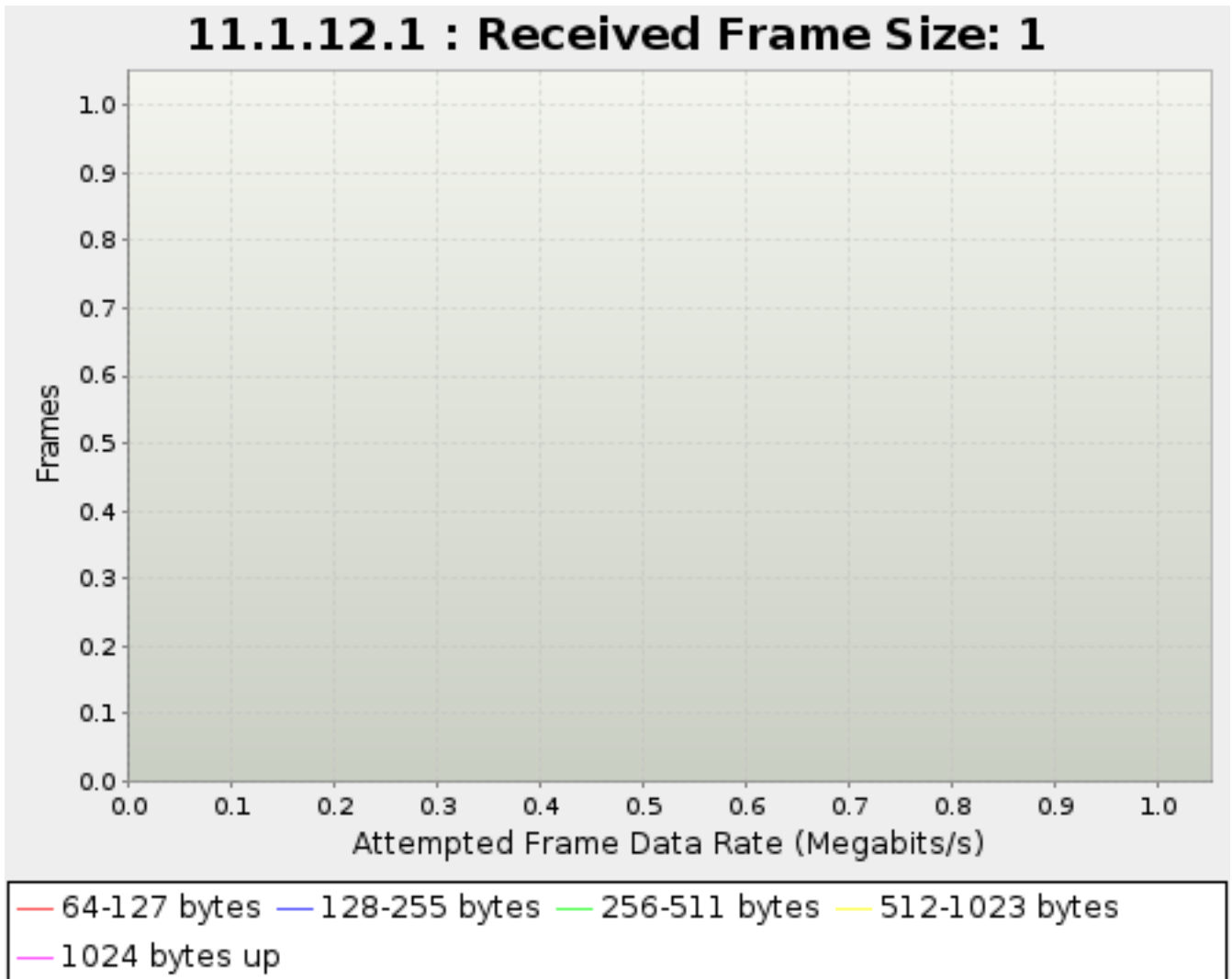
11.1.12. Received Frame Size



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
35	62.627	0	0	951,060	0	0
66	62.758	0	0	1,791,604	0	0
128	62.537	0	0	3,321,910	0	0
252	62.839	0	0	1,865,924	0	0
500	62.406	0	0	1,658,000	0	0

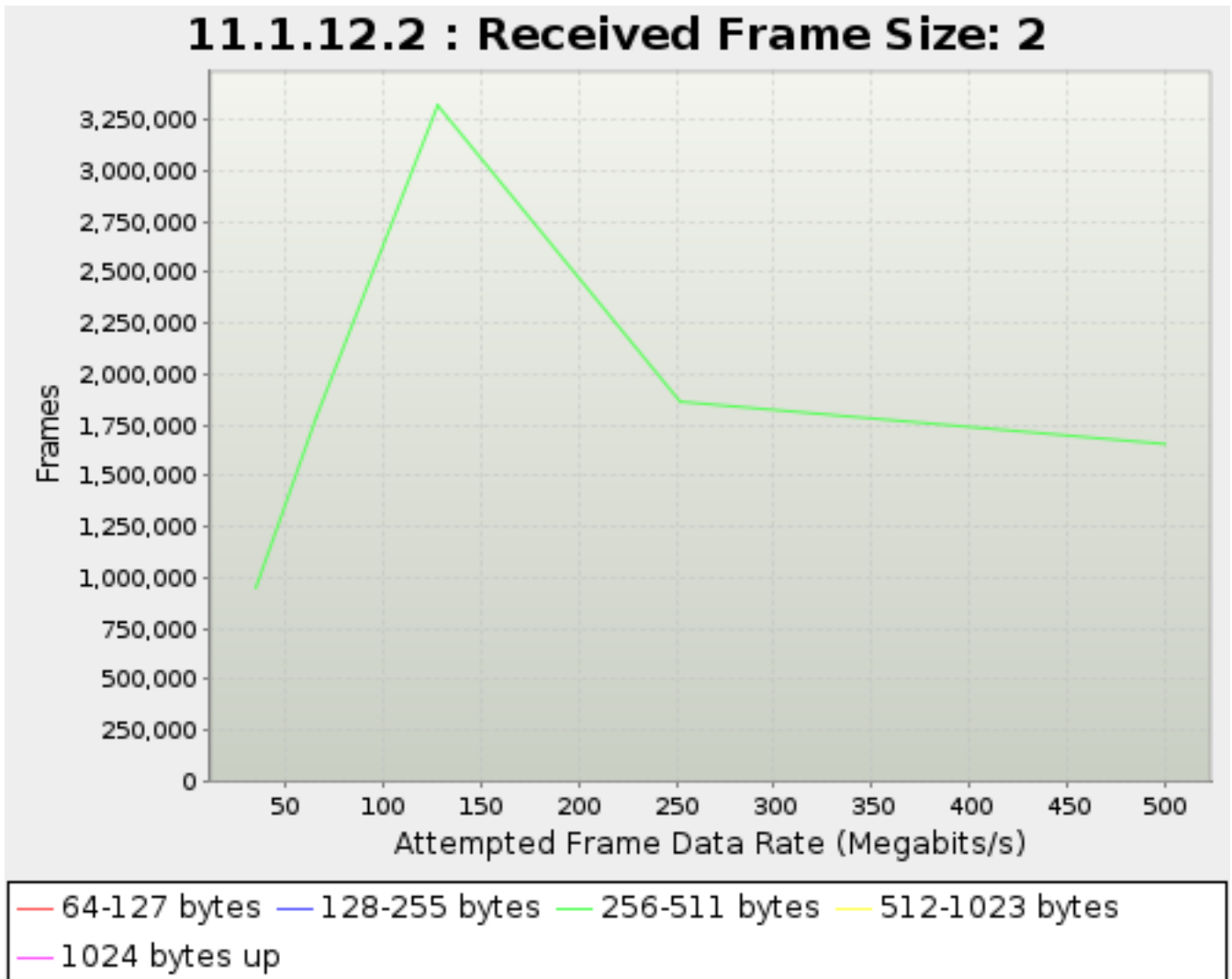
11.1.12.1. Received Frame Size: 1



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
35	62.627	0	0	0	0	0
66	62.758	0	0	0	0	0
128	62.537	0	0	0	0	0
252	62.839	0	0	0	0	0
500	62.406	0	0	0	0	0

11.1.12.2. Received Frame Size: 2



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
35	62.627	0	0	951,060	0	0
66	62.758	0	0	1,791,604	0	0
128	62.537	0	0	3,321,910	0	0
252	62.839	0	0	1,865,924	0	0
500	62.406	0	0	1,658,000	0	0

11.2. Aggregate Stats

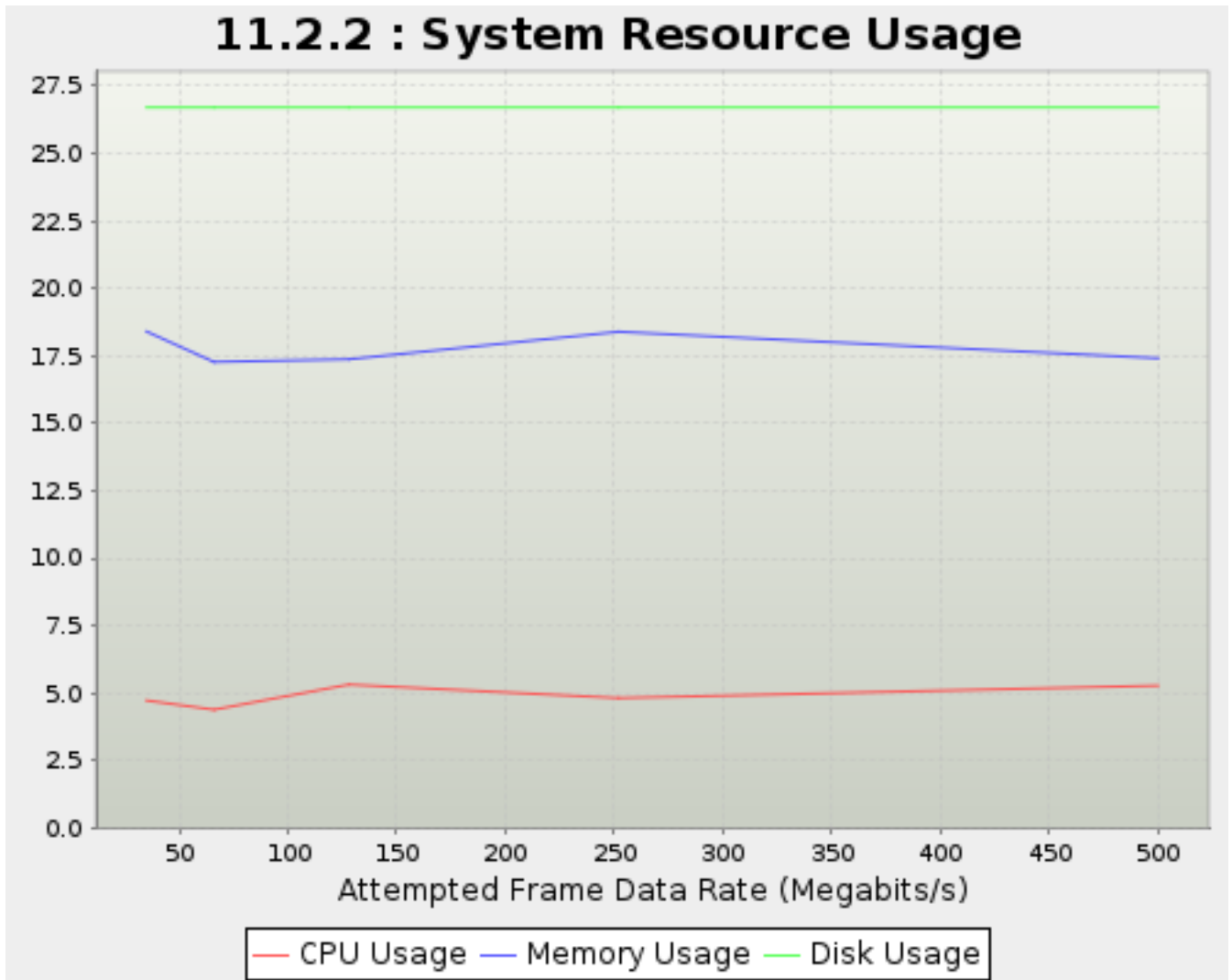
11.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

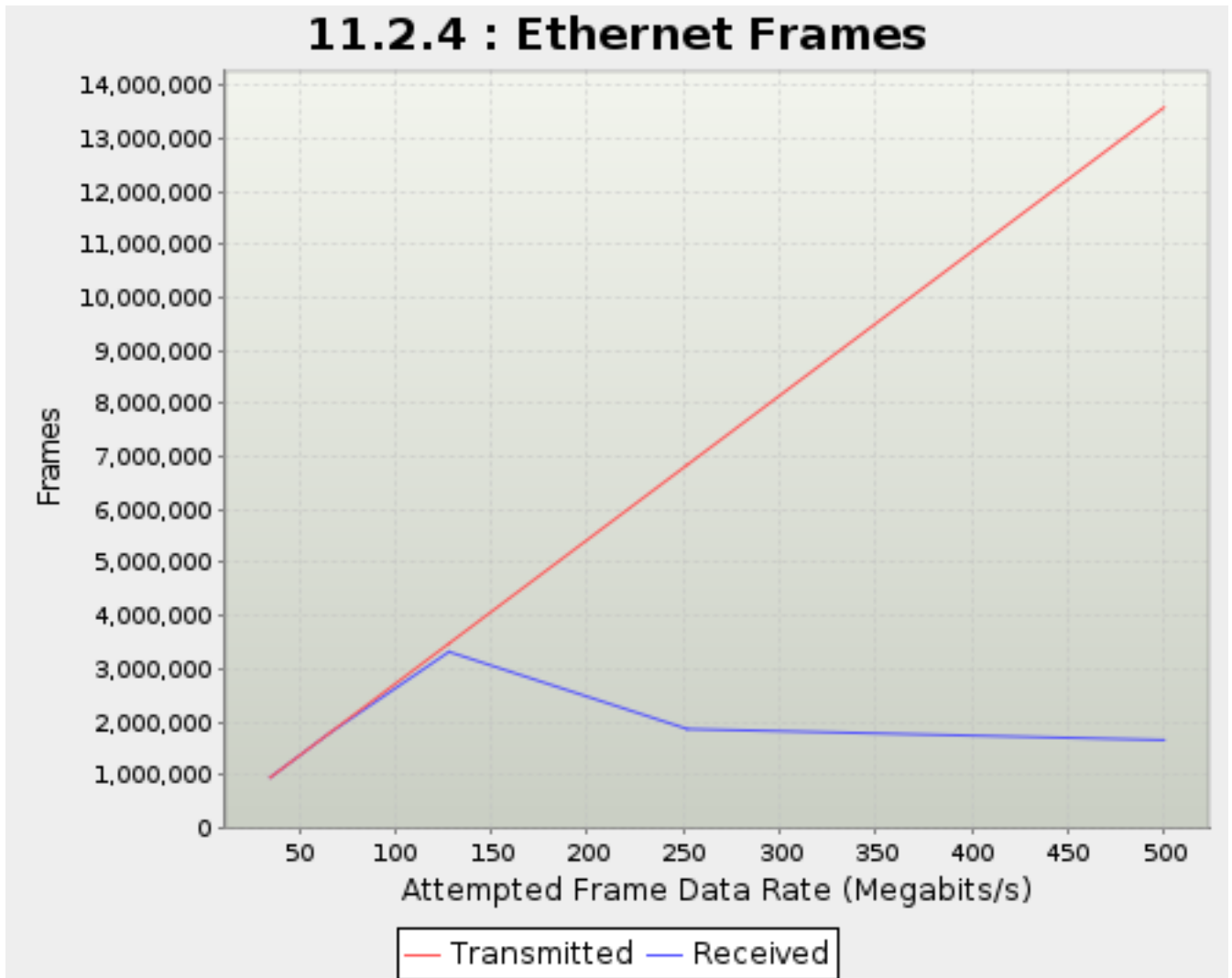
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

11.2.2. System Resource Usage



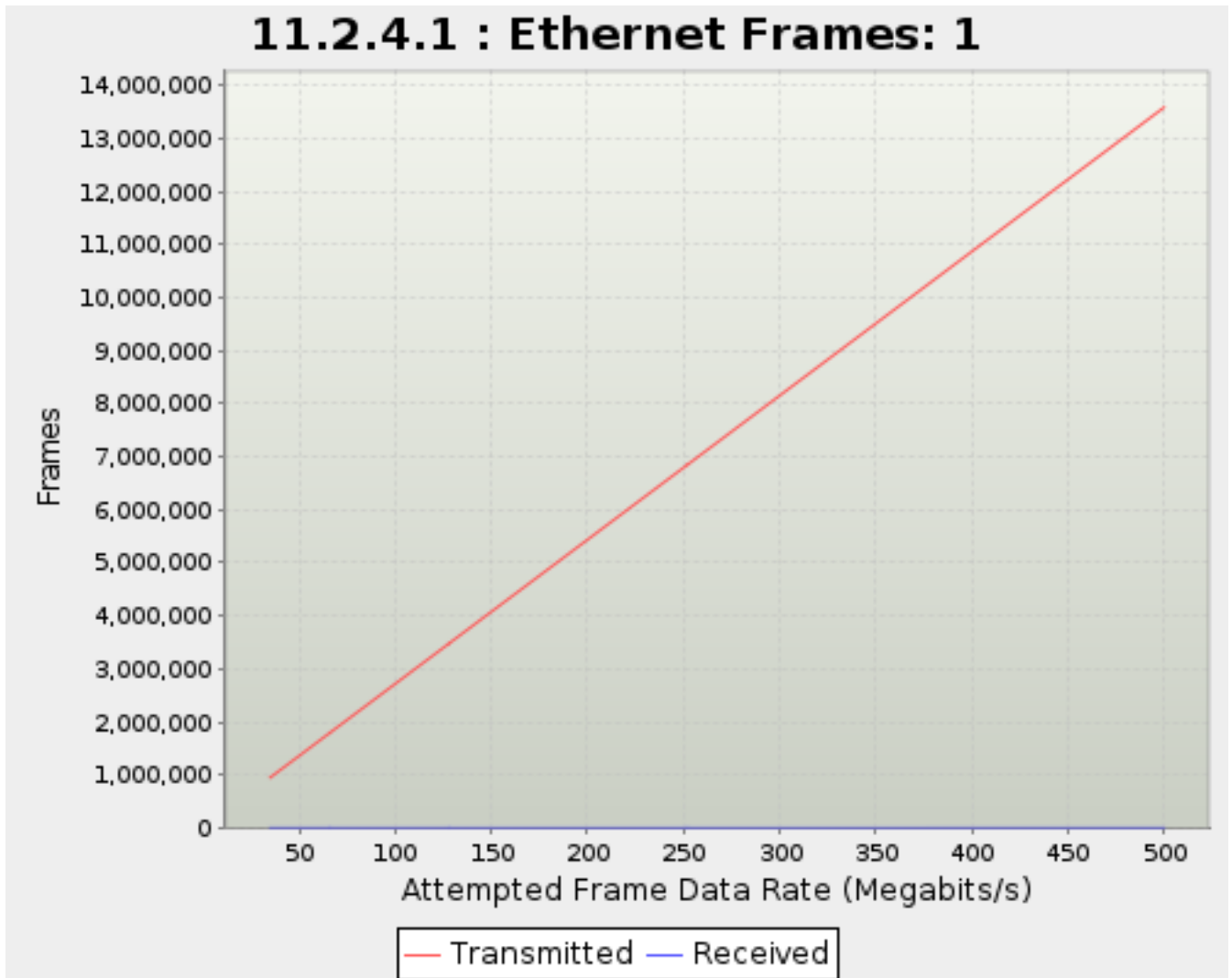
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
35	63.765	4.73	18.40	26.70
66	63.915	4.39	17.27	26.70
128	63.677	5.32	17.37	26.70
252	63.973	4.82	18.39	26.70
500	63.593	5.28	17.41	26.70

11.2.4. Ethernet Frames



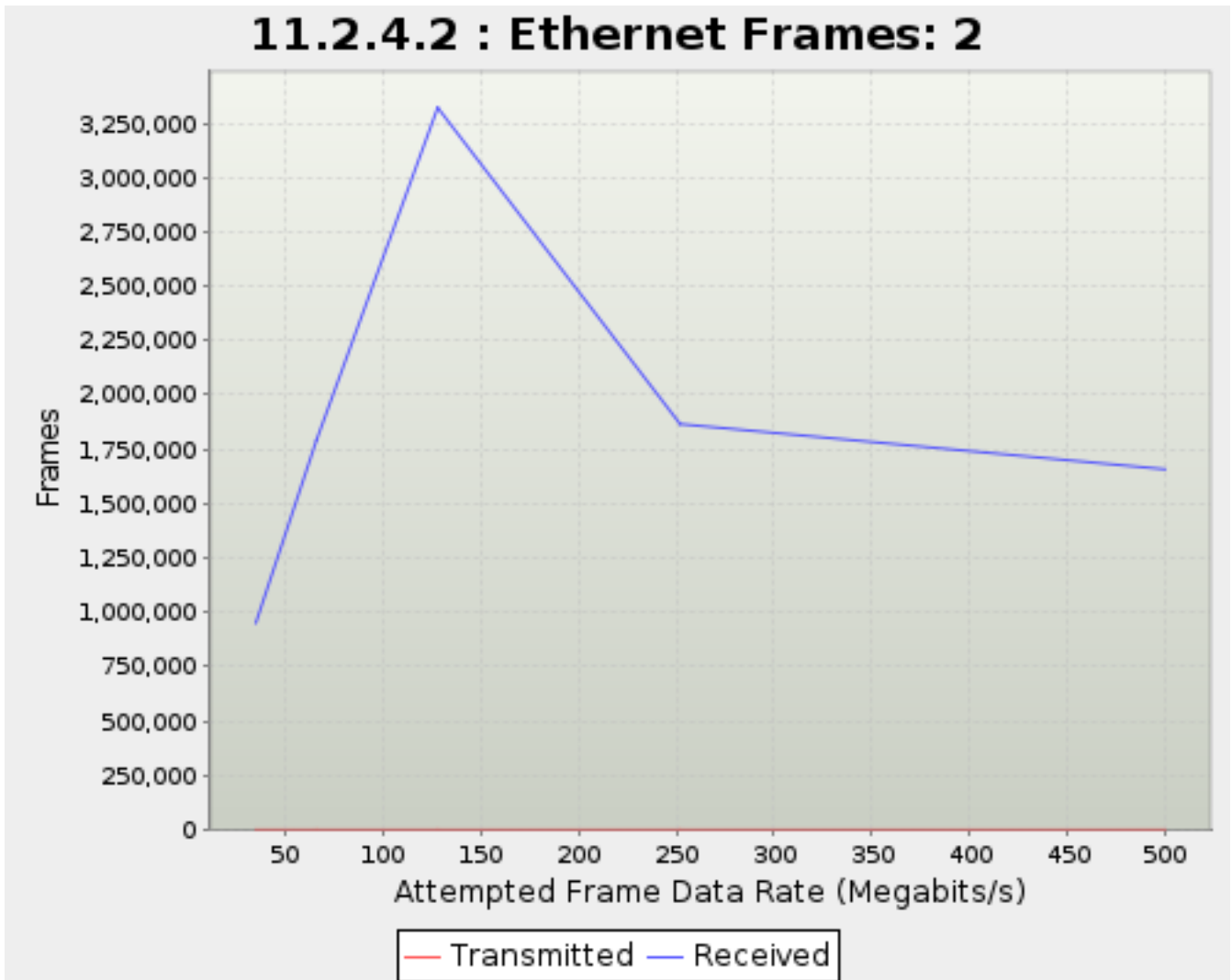
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.766	952,100	952,245 100.015%
66	63.887	1,794,459	1,792,762 99.905%
128	63.665	3,479,157	3,322,929 95.510%
252	63.968	6,848,735	1,866,949 27.260%
500	63.585	13,588,148	1,659,376 12.212%

11.2.4.1. Ethernet Frames: 1



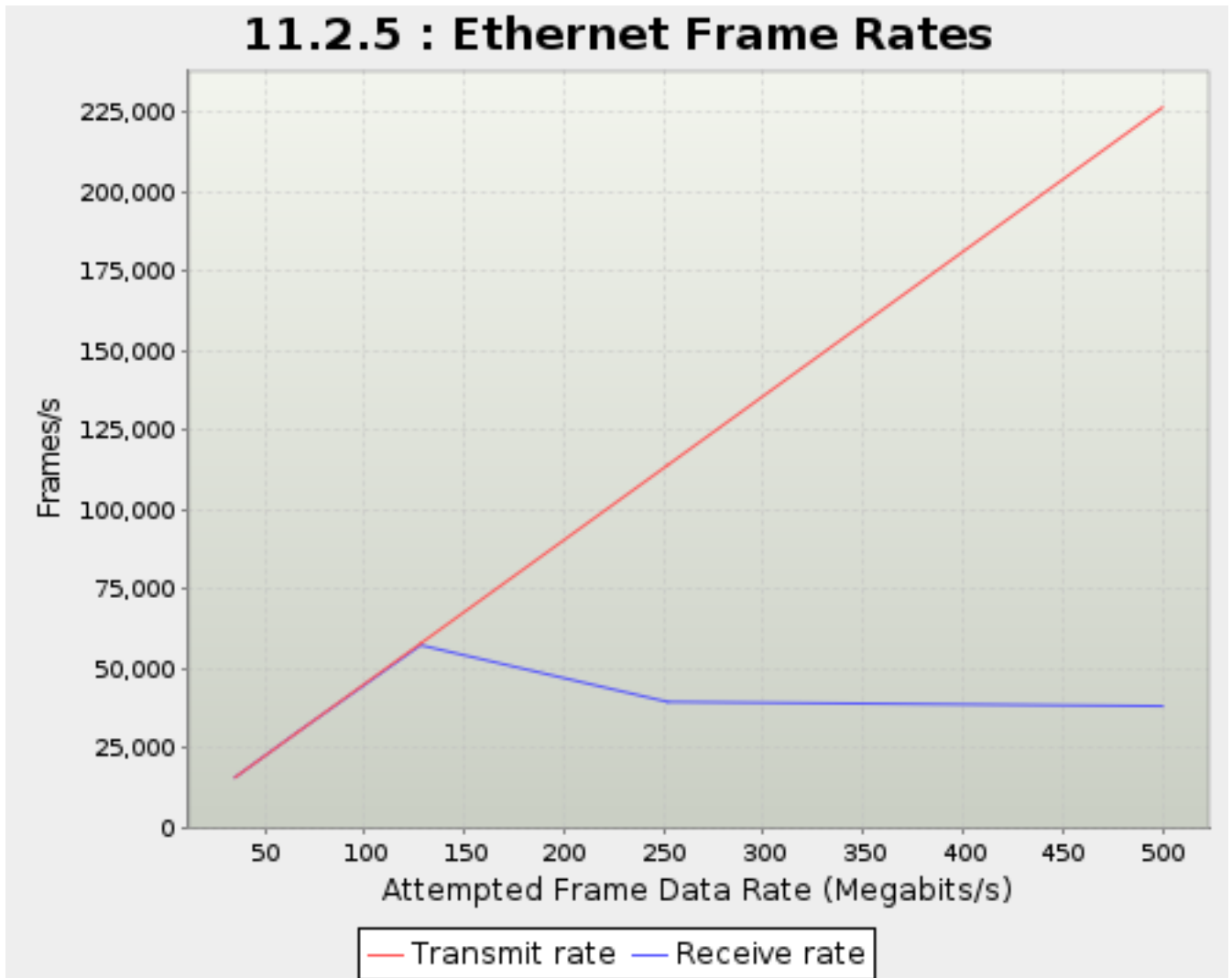
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.766	951,975	929 0.098%
66	63.887	1,794,394	960 0.053%
128	63.665	3,479,090	820 0.024%
252	63.968	6,848,569	727 0.011%
500	63.585	13,587,969	1,072 0.008%

11.2.4.2. Ethernet Frames: 2



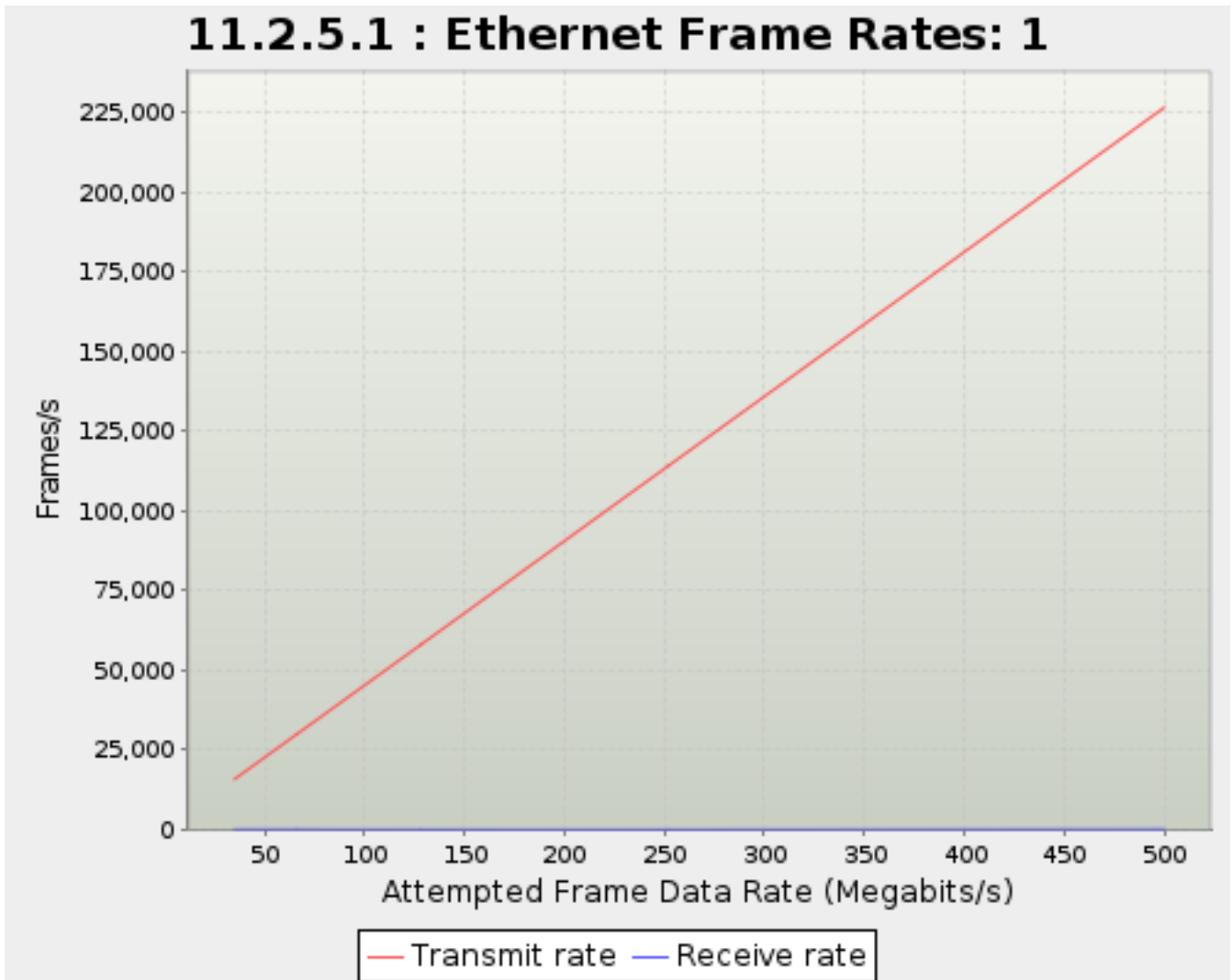
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.766	125	951,316 761052.800%
66	63.887	65	1,791,802 2756618.462%
128	63.665	67	3,322,109 4958371.642%
252	63.968	166	1,866,222 1124230.120%
500	63.585	179	1,658,304 926426.816%

11.2.5. Ethernet Frame Rates



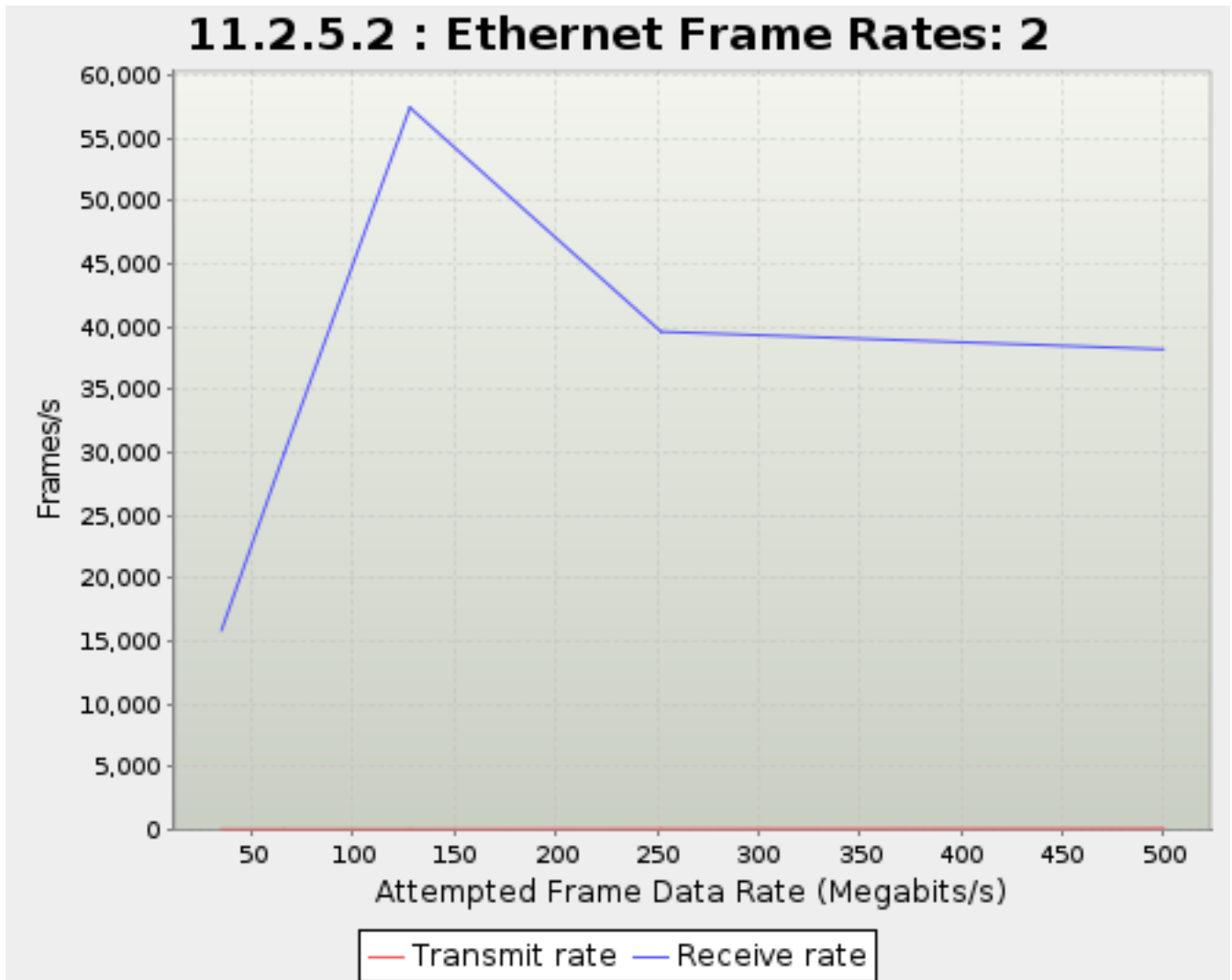
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate
35	63.766	~15960	~15960
66	63.887	~30000	~30040
128	63.665	~58050	~57520
252	63.968	~114200	~39670
500	63.585	~226700	~38360

11.2.5.1. Ethernet Frame Rates: 1



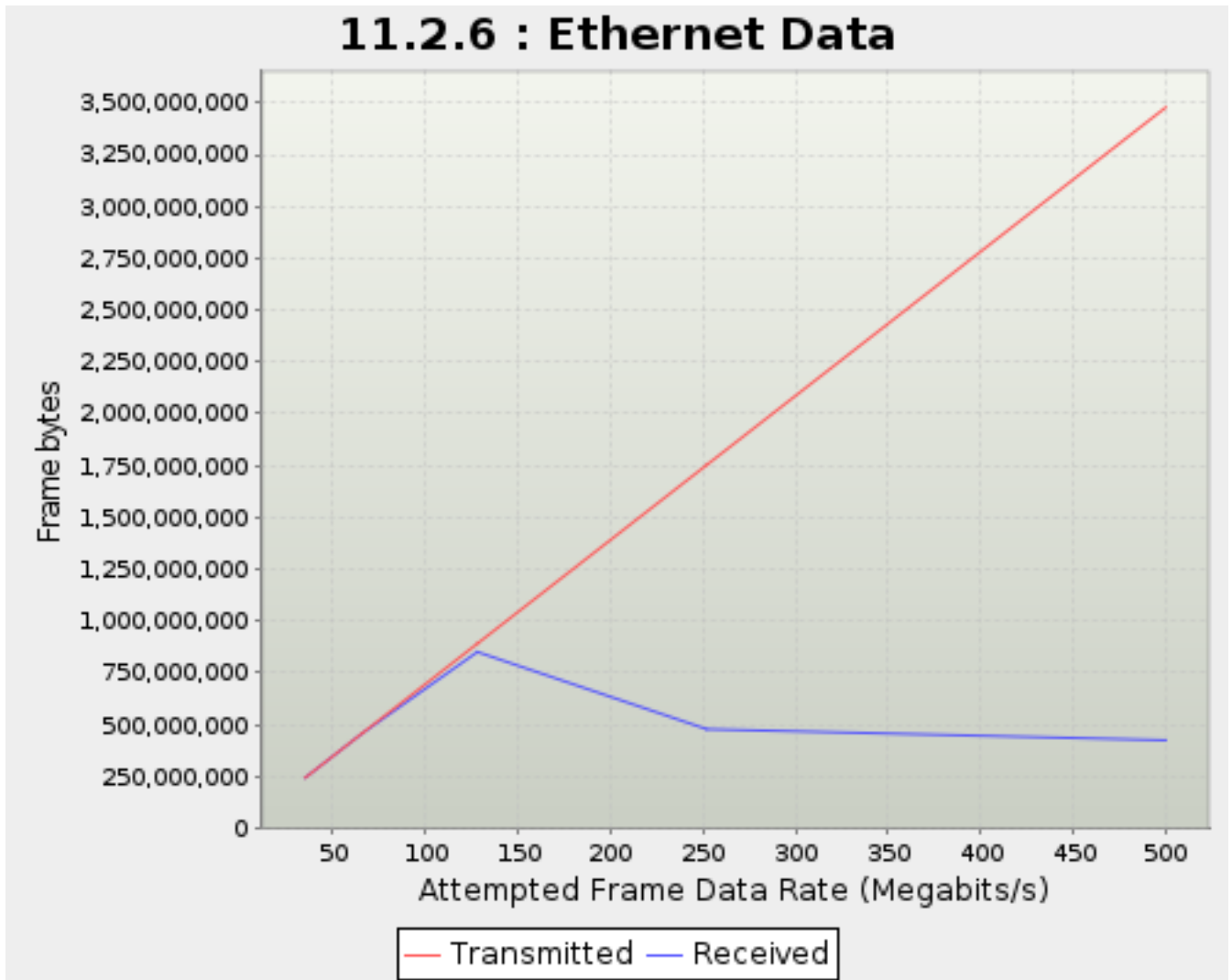
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	63.766	~15930	74.91
66	63.887	~29960	~73
128	63.665	~58020	51.04
252	63.968	~114200	41.10
500	63.585	~226600	122.2

11.2.5.2. Ethernet Frame Rates: 2



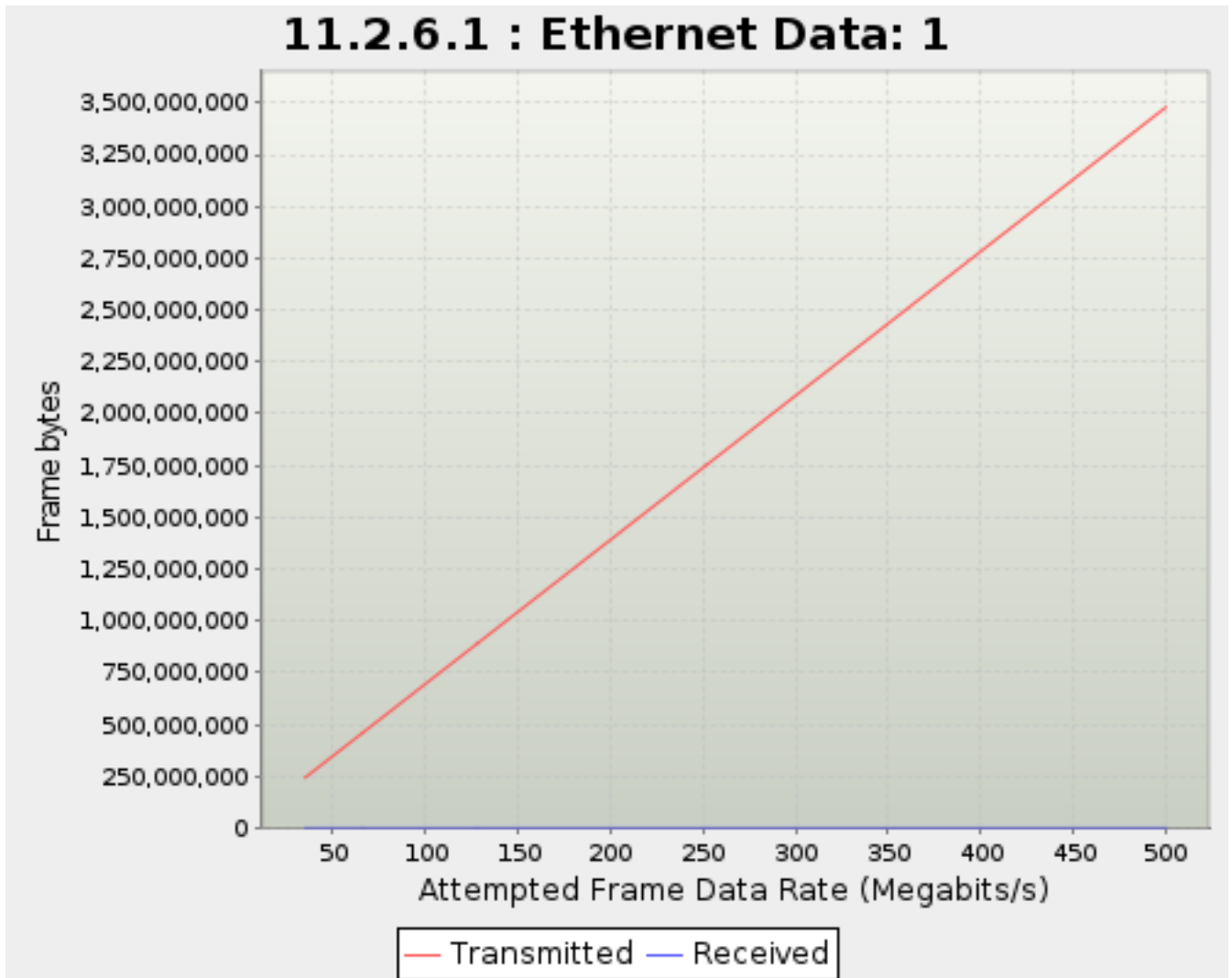
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
35	63.766	29.40	~15880
66	63.887	32.40	~29970
128	63.665	31.39	~57460
252	63.968	51.64	~39630
500	63.585	91.30	~38230

11.2.6. Ethernet Data



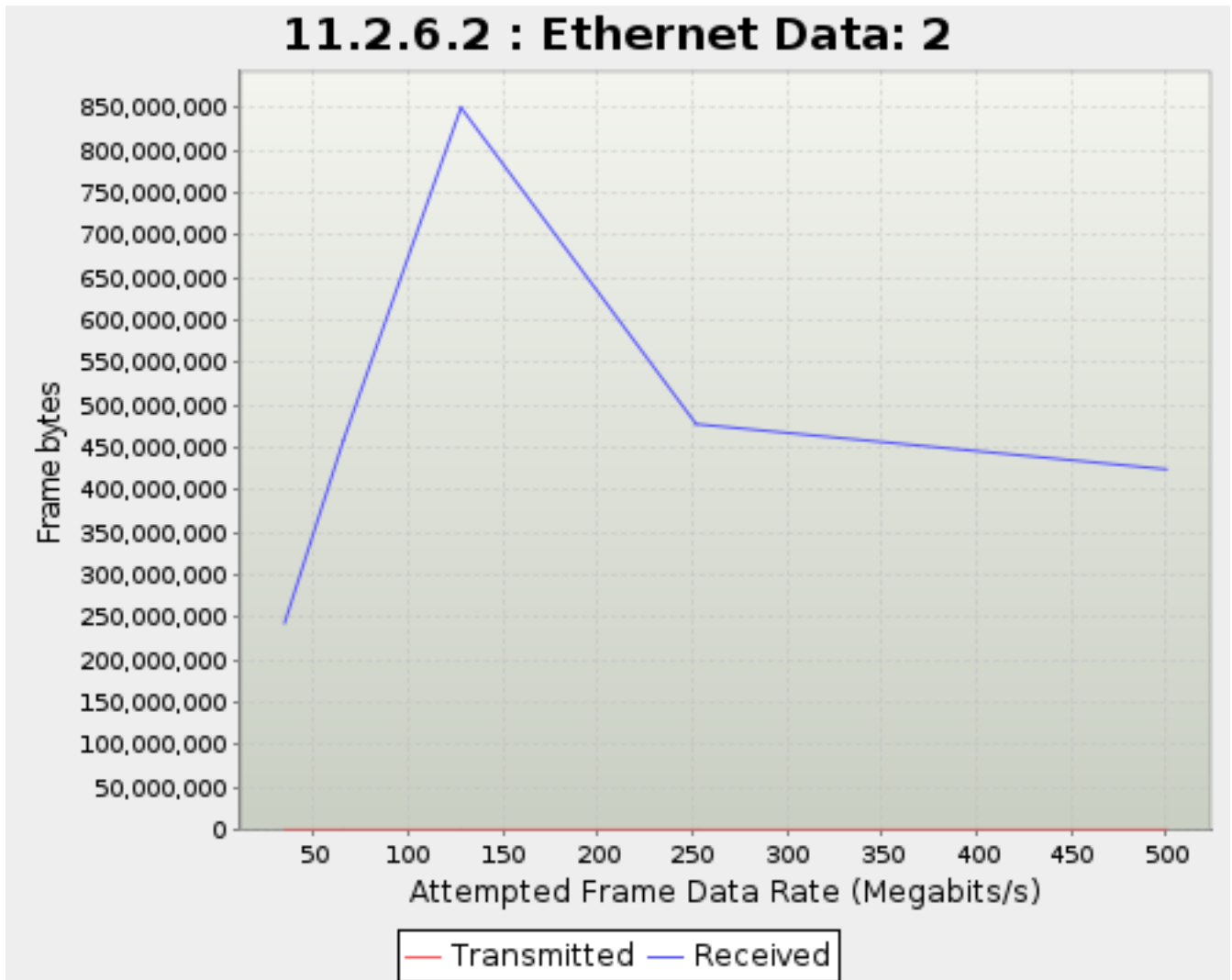
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.766	243,550,208	243,559,870 100.004%
66	63.887	459,201,984	458,737,422 99.899%
128	63.665	890,504,256	850,486,902 95.506%
252	63.968	1,753,108,928	477,754,921 27.252%
500	63.585	3,478,346,240	424,548,841 12.205%

11.2.6.1. Ethernet Data: 1



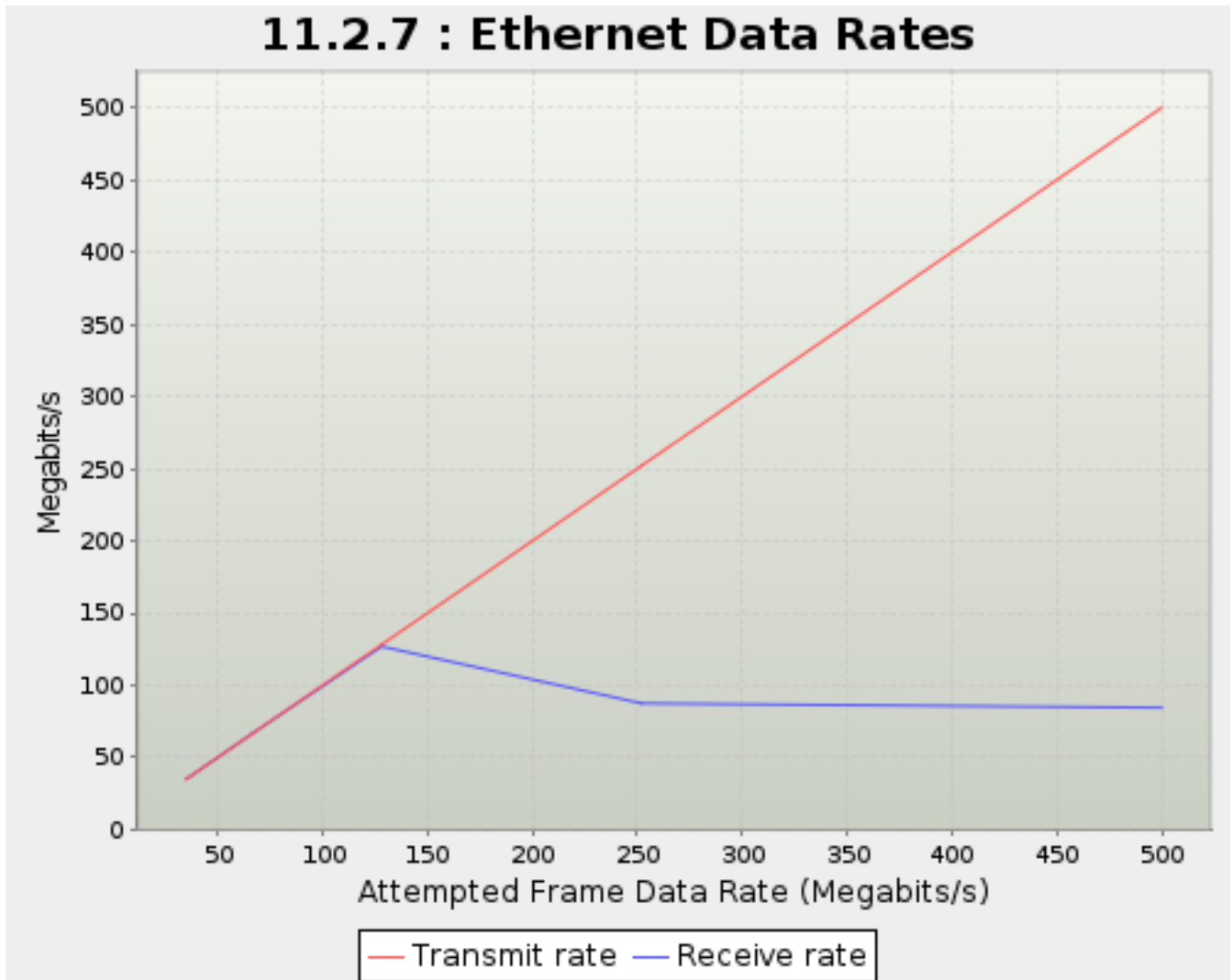
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.766	243,542,208	59,456 0.024%
66	63.887	459,197,824	61,440 0.013%
128	63.665	890,499,968	52,480 0.006%
252	63.968	1,753,098,304	46,528 0.003%
500	63.585	3,478,334,784	68,608 0.002%

11.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.766	8,000	243,500,414 3043755.175%
66	63.887	4,160	458,675,982 11025864.952%
128	63.665	4,288	850,434,422 19832892.304%
252	63.968	10,624	477,708,393 4496502.193%
500	63.585	11,456	424,480,233 3705309.296%

11.2.7. Ethernet Data Rates



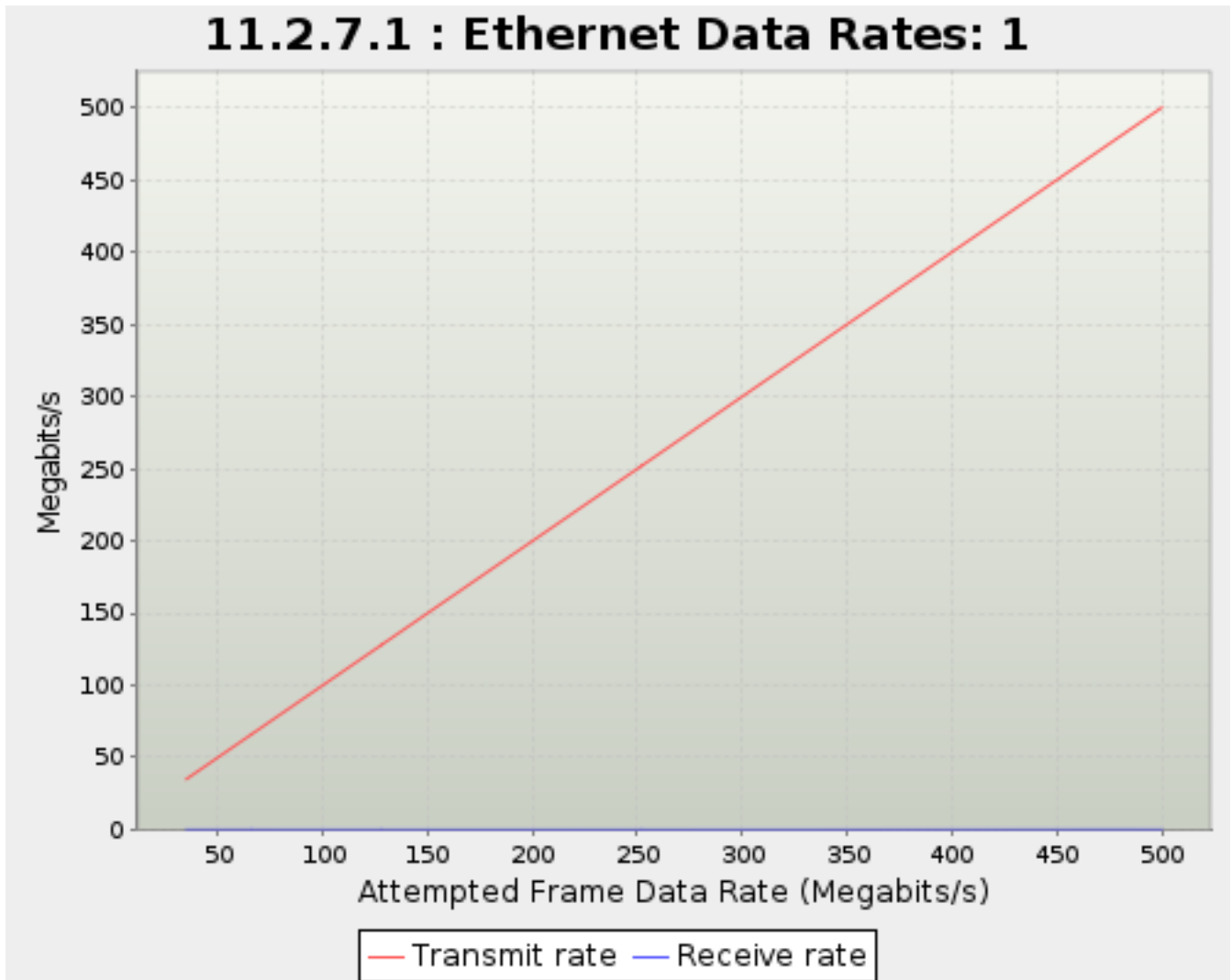
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	63.766	35.07	35.11
66	63.887	66.07	66.21
128	63.665	128.1	126.9
252	63.968	252.1	87.52
500	63.585	500.1	84.50

11.2.7.1. Ethernet Data Rates: 1



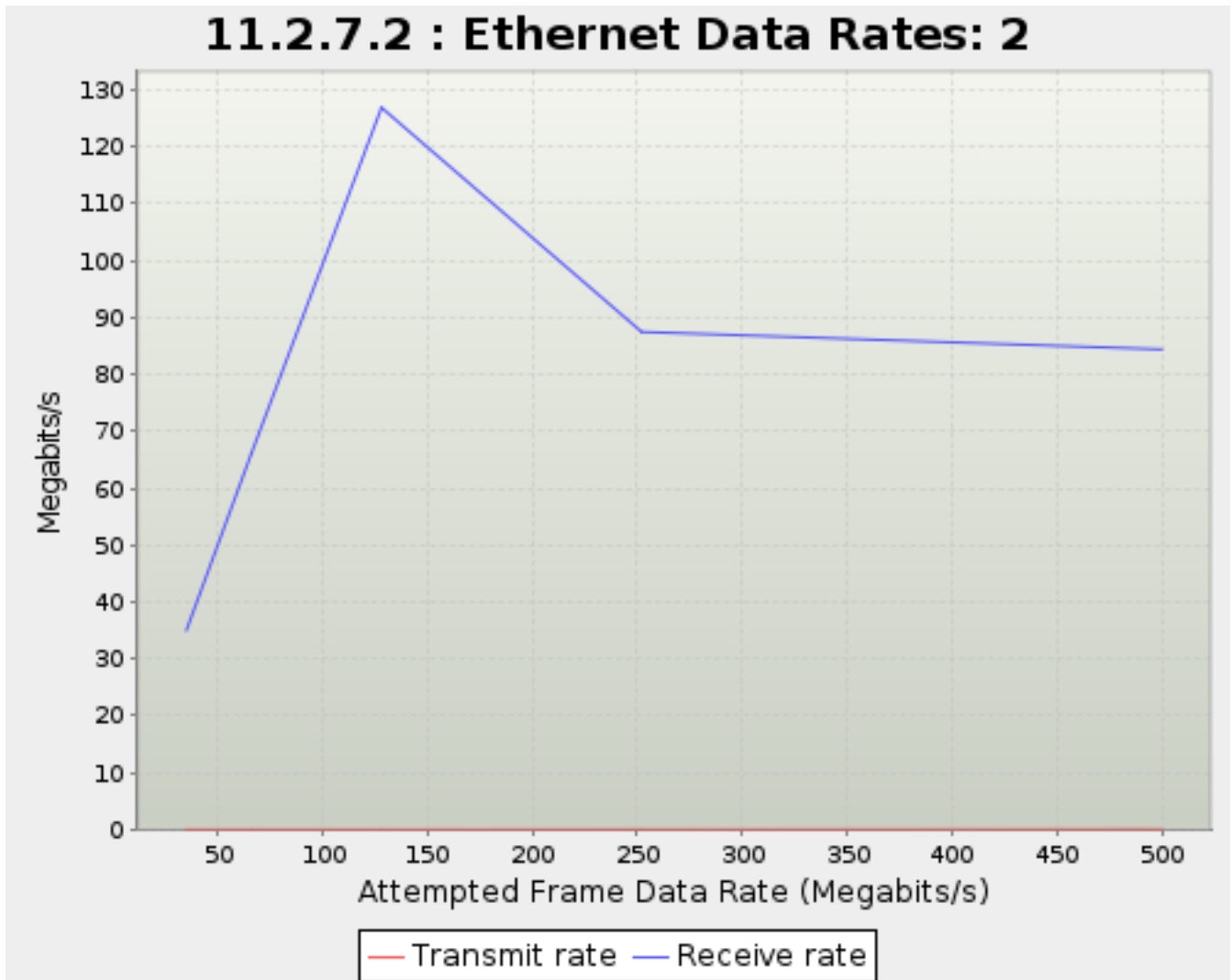
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	63.766	35.05	0.05034
66	63.887	66.05	0.04906
128	63.665	~128	0.03430
252	63.968	~252	0.02762
500	63.585	500.1	0.08212

11.2.7.2. Ethernet Data Rates: 2



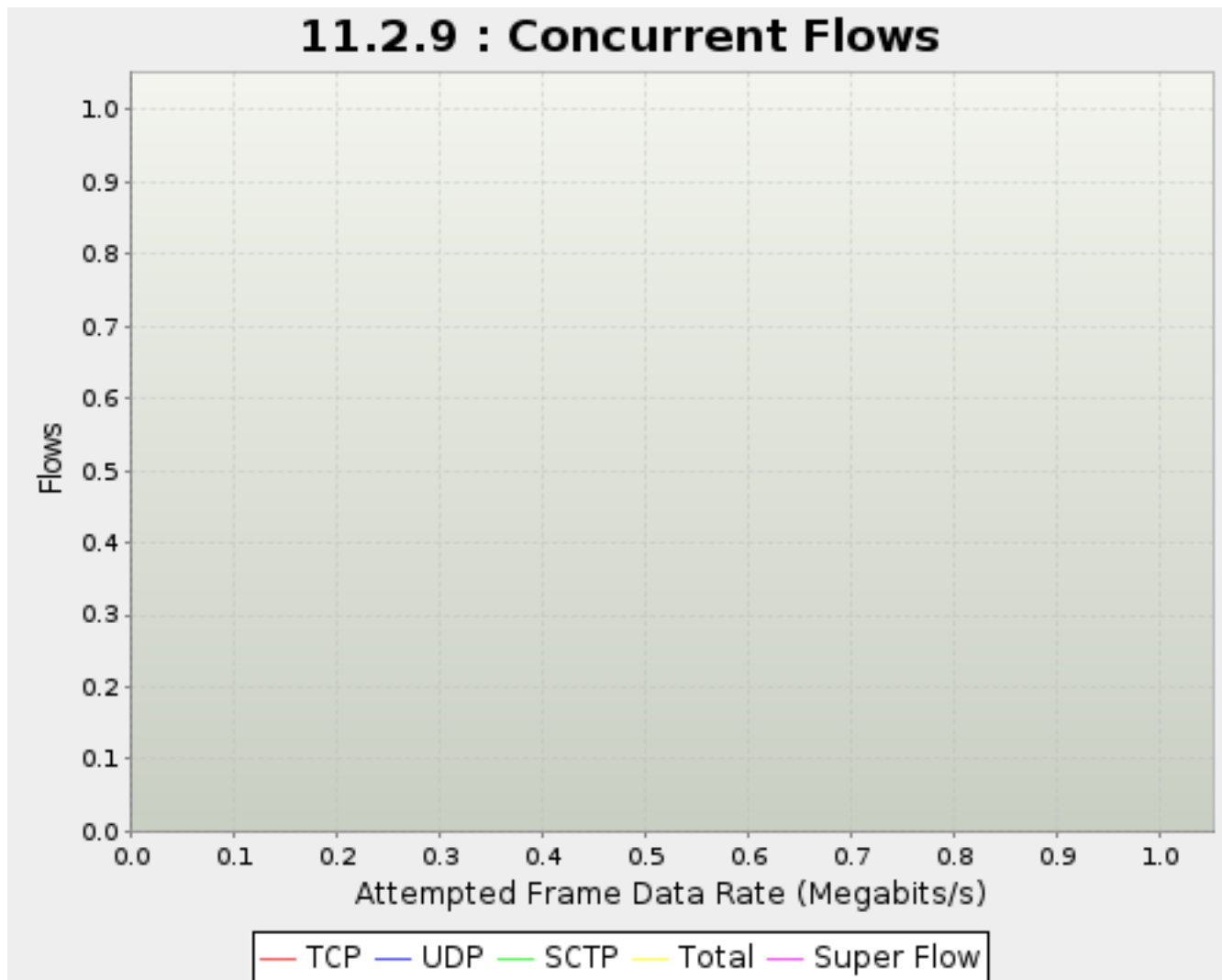
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

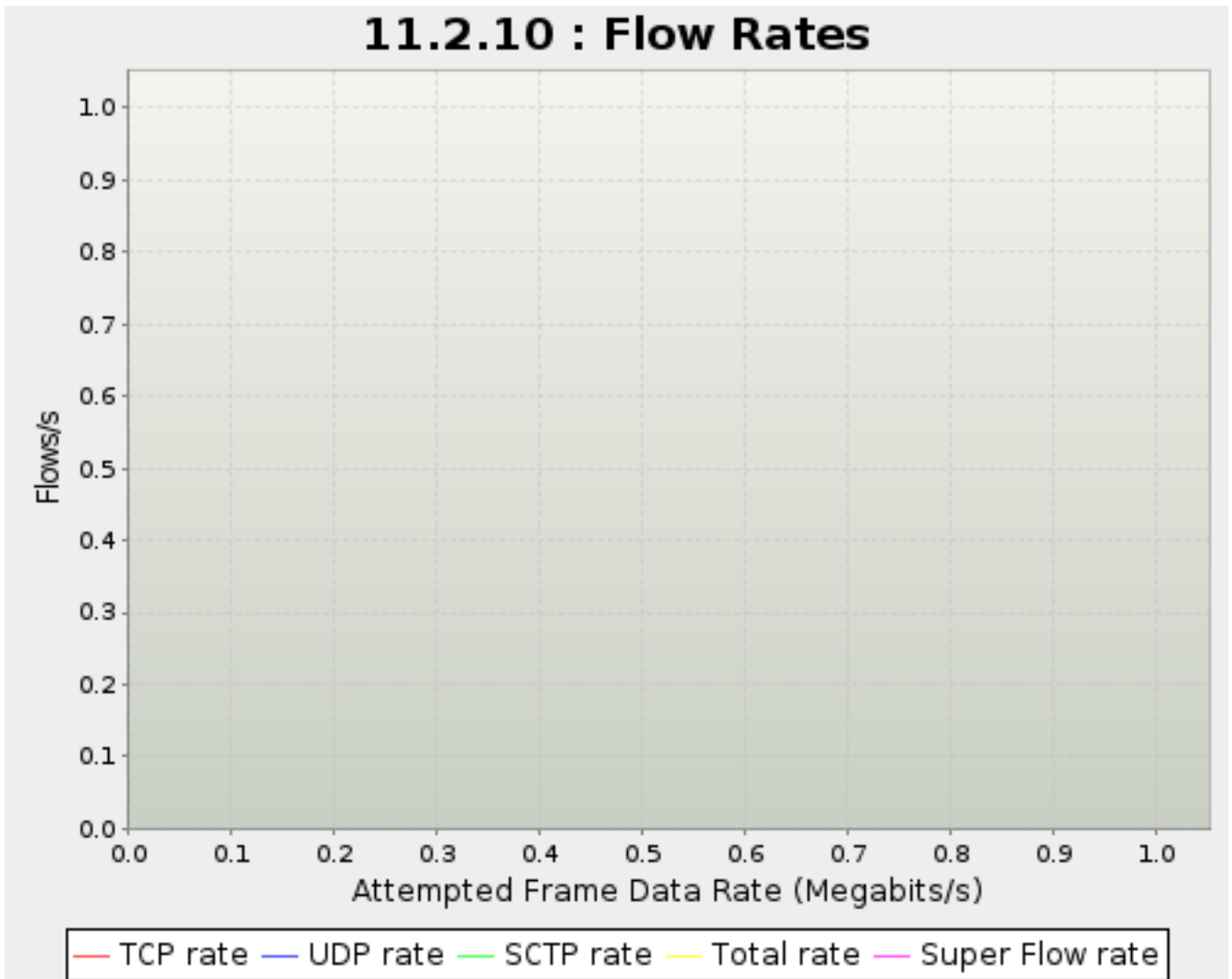
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	63.766	0.01976	35.06
66	63.887	0.02178	66.16
128	63.665	0.02110	126.9
252	63.968	0.03470	87.49
500	63.585	0.06135	84.42

11.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
35	63.436	0	0	0	0	0
66	63.522	0	0	0	0	0
128	63.315	0	0	0	0	0
252	63.558	0	0	0	0	0
500	63.338	0	0	0	0	0

11.2.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	SCTP rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
35	63.436	0.00	0.00	0.00	0.00	0.00
66	63.522	0.00	0.00	0.00	0.00	0.00
128	63.315	0.00	0.00	0.00	0.00	0.00
252	63.558	0.00	0.00	0.00	0.00	0.00
500	63.338	0.00	0.00	0.00	0.00	0.00

11.2.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
35	0		192.168.0.0/16	192.168.0.1	up
35	0		10.201.0.0/16	10.201.0.254	up
66	0		10.201.0.0/16	10.201.0.254	up
66	0		192.168.0.0/16	192.168.0.1	up
128	0		10.201.0.0/16	10.201.0.254	up
128	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
252	0		10.201.0.0/16	10.201.0.254	up
500	56.341		192.168.0.0/16	192.168.0.1	up
500	60.346		10.201.0.0/16	10.201.0.254	up

11.2.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
35	0		192.168.0.0/16	192.168.0.1	up
66	0		192.168.0.0/16	192.168.0.1	up
128	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	56.341		192.168.0.0/16	192.168.0.1	up

11.2.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
35	0		10.201.0.0/16	10.201.0.254	up
66	0		10.201.0.0/16	10.201.0.254	up
128	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
500	60.346		10.201.0.0/16	10.201.0.254	up

11.2.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
35	63.762	6	6	1,064	970	0	94	0	0
66	63.893	6	6	1,036	929	0	107	0	0
128	63.669	6	6	856	827	0	29	0	0
252	63.969	7	6	885	864	0	21	0	0
500	63.588	17	6	1,190	1,127	0	63	0	0

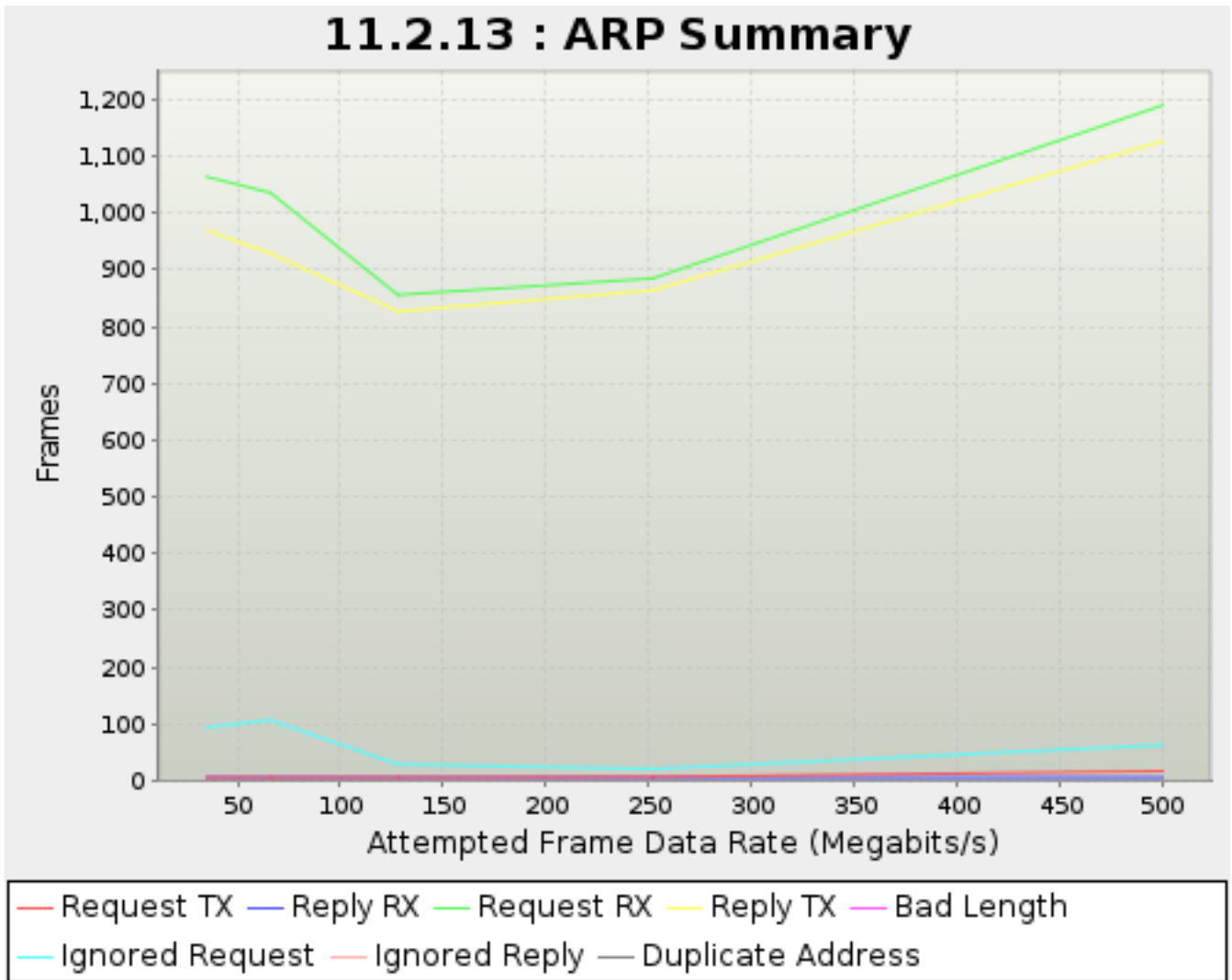
11.2.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
35	63.762	3	3	926	848	0	78	0	0
66	63.893	3	3	957	867	0	90	0	0
128	63.669	3	3	776	763	0	13	0	0
252	63.969	3	3	707	702	0	5	0	0
500	63.588	7	3	1,005	958	0	47	0	0

11.2.12.2. ARP: 2

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
35	63.762	3	3	138	122	0	16	0	0
66	63.893	3	3	79	62	0	17	0	0
128	63.669	3	3	80	64	0	16	0	0
252	63.969	4	3	178	162	0	16	0	0
500	63.588	10	3	185	169	0	16	0	0

11.2.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Frames</i>							
35	6	6	1,064	970	0	94	0	0
66	6	6	1,036	929	0	107	0	0
128	6	6	856	827	0	29	0	0
252	7	6	885	864	0	21	0	0
500	17	6	1,190	1,127	0	63	0	0

11.2.16. Slot 1 NP np1-0 statistics

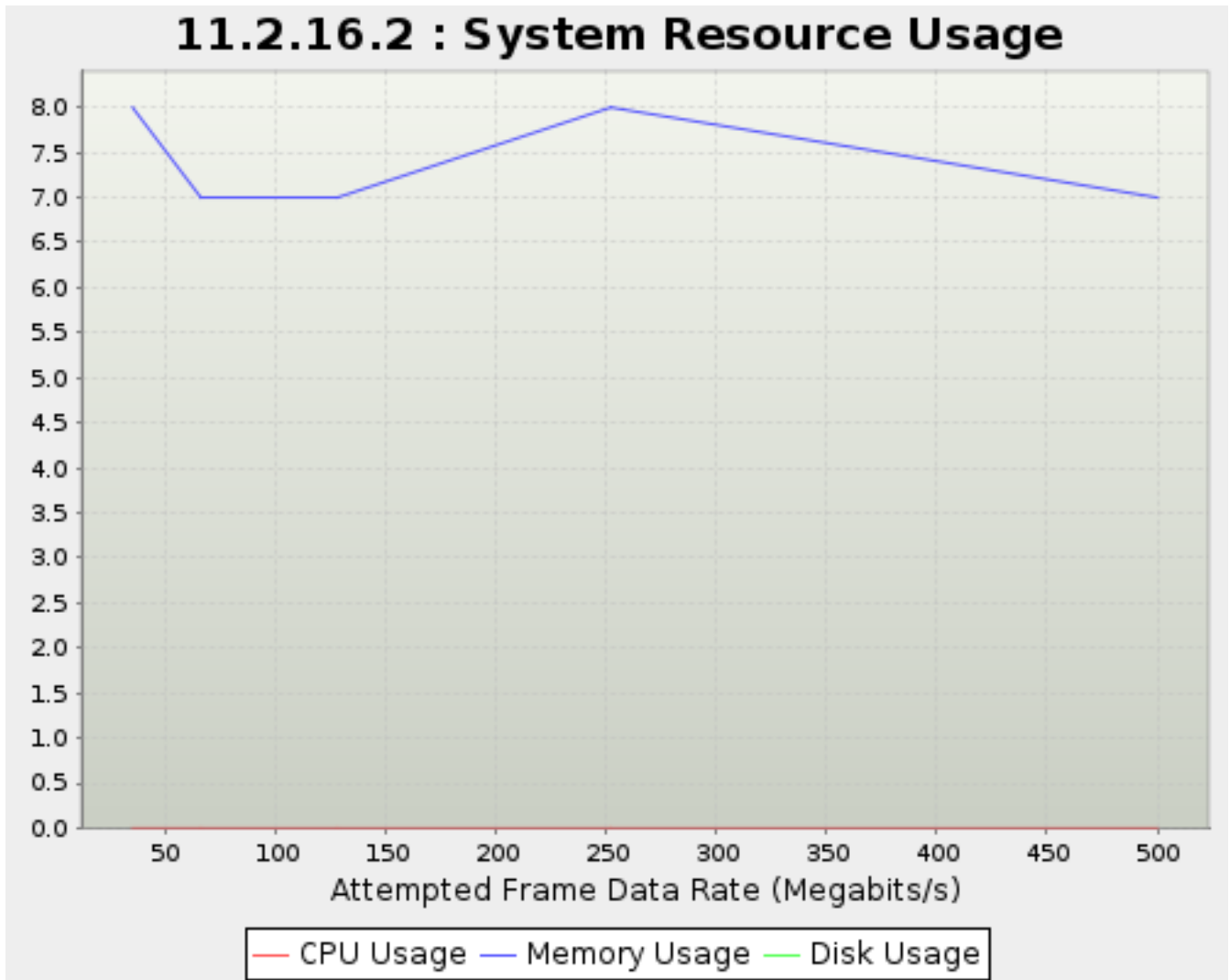
11.2.16.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

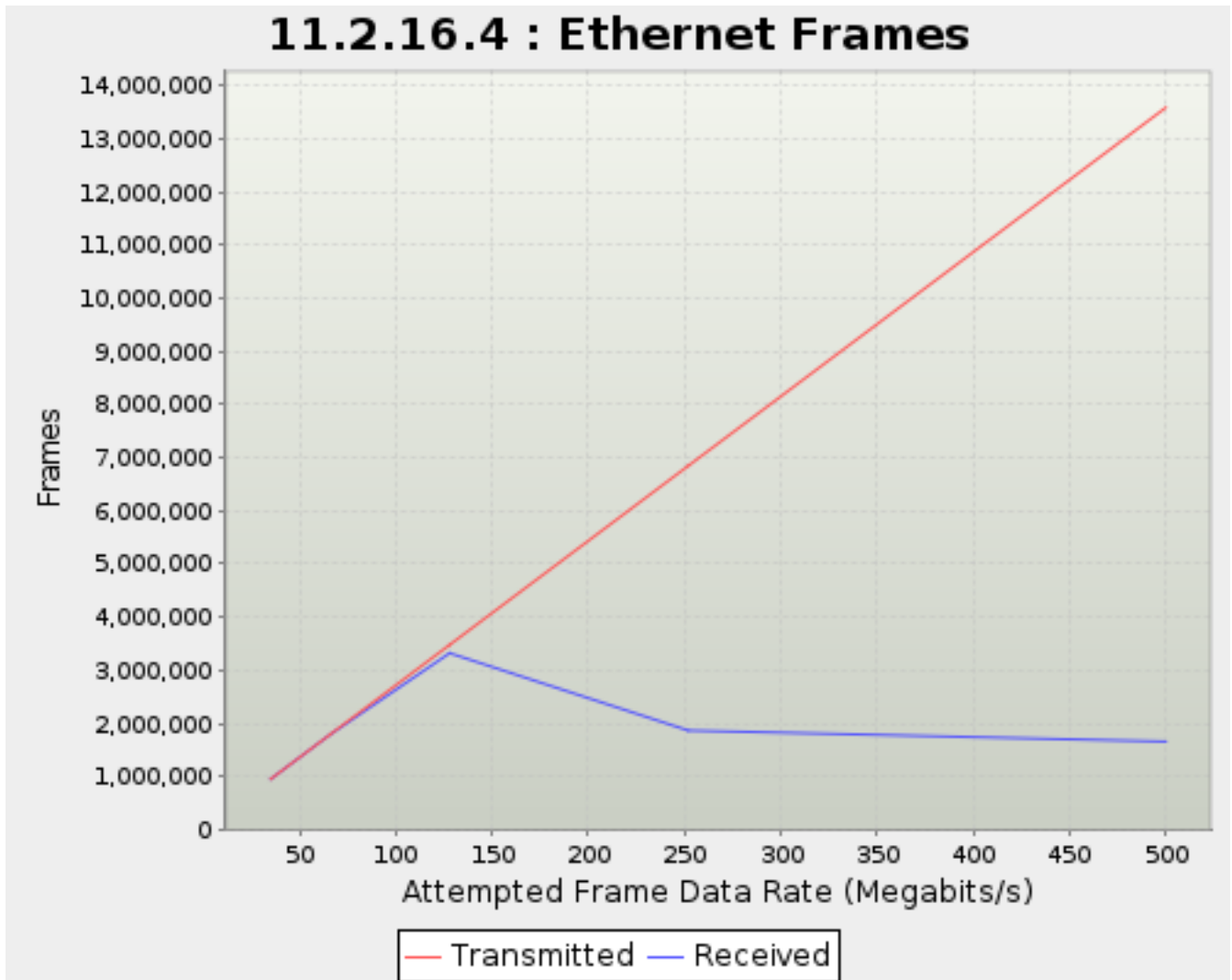
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0

11.2.16.2. System Resource Usage



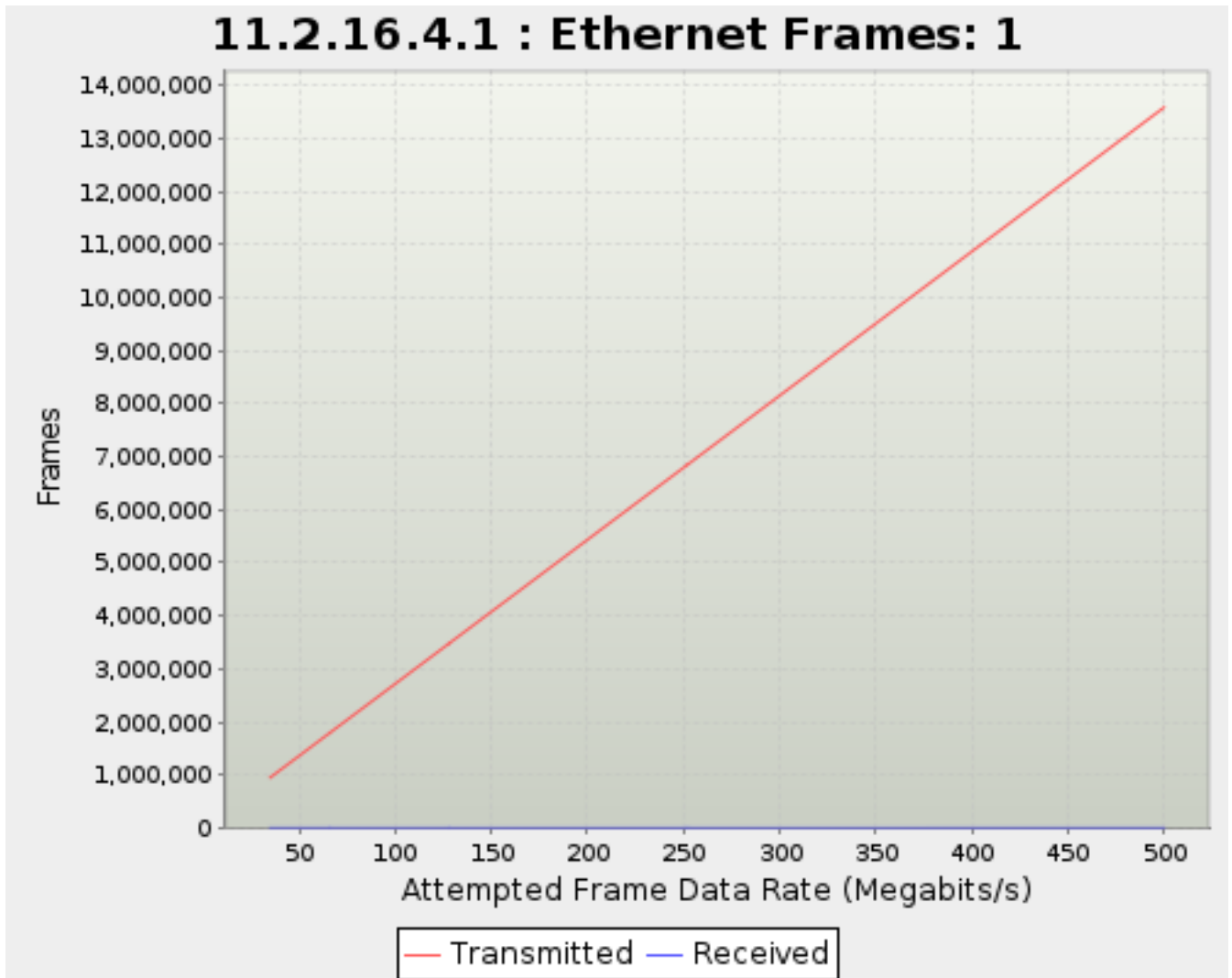
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
35	63.762	0	8	0
66	63.893	0	7	0
128	63.669	0	7	0
252	63.969	0	8	0
500	63.588	0	7	0

11.2.16.4. Ethernet Frames



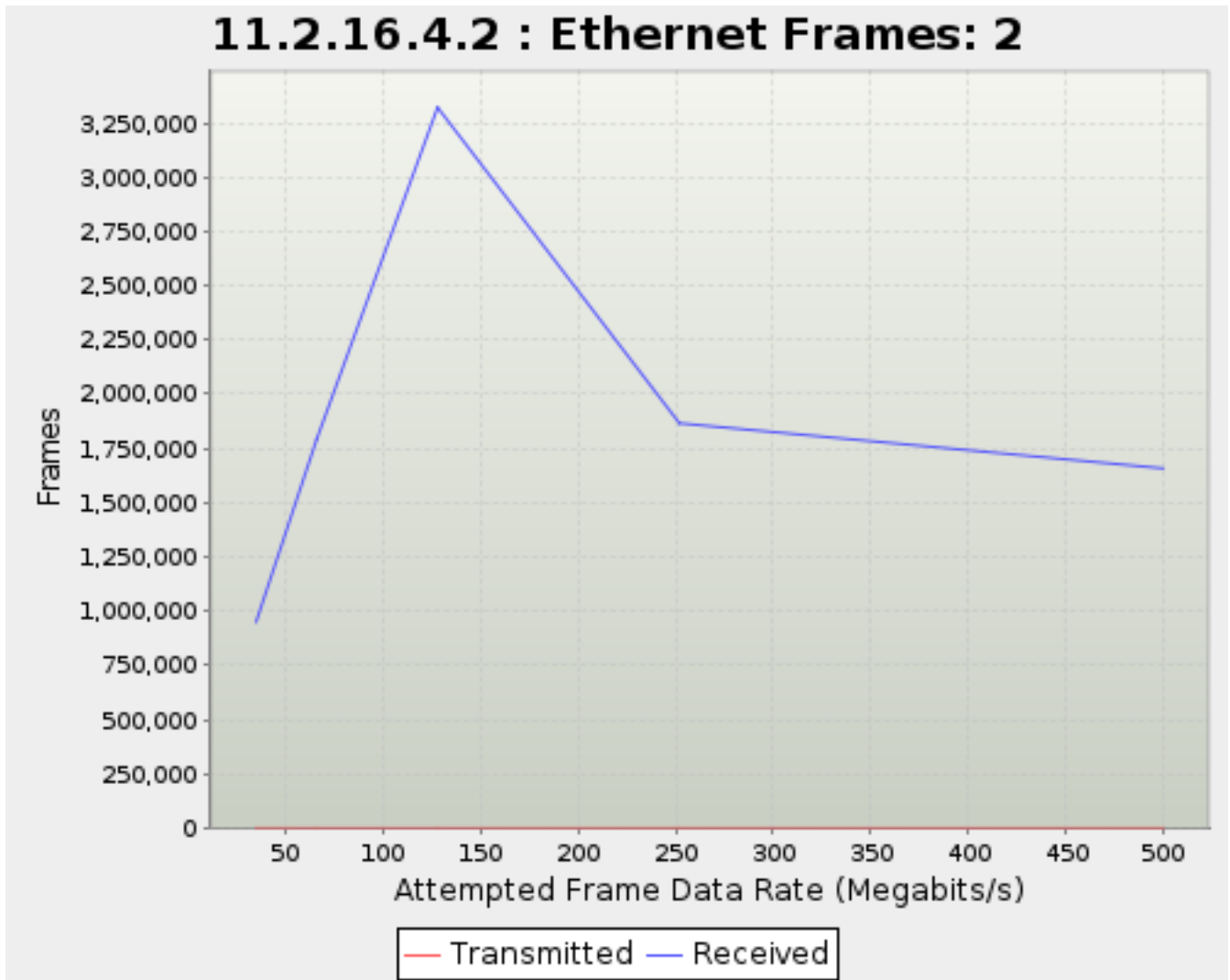
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.766	952,100	952,245 100.015%
66	63.887	1,794,459	1,792,762 99.905%
128	63.665	3,479,157	3,322,929 95.510%
252	63.968	6,848,735	1,866,949 27.260%
500	63.585	13,588,148	1,659,376 12.212%

11.2.16.4.1. Ethernet Frames: 1



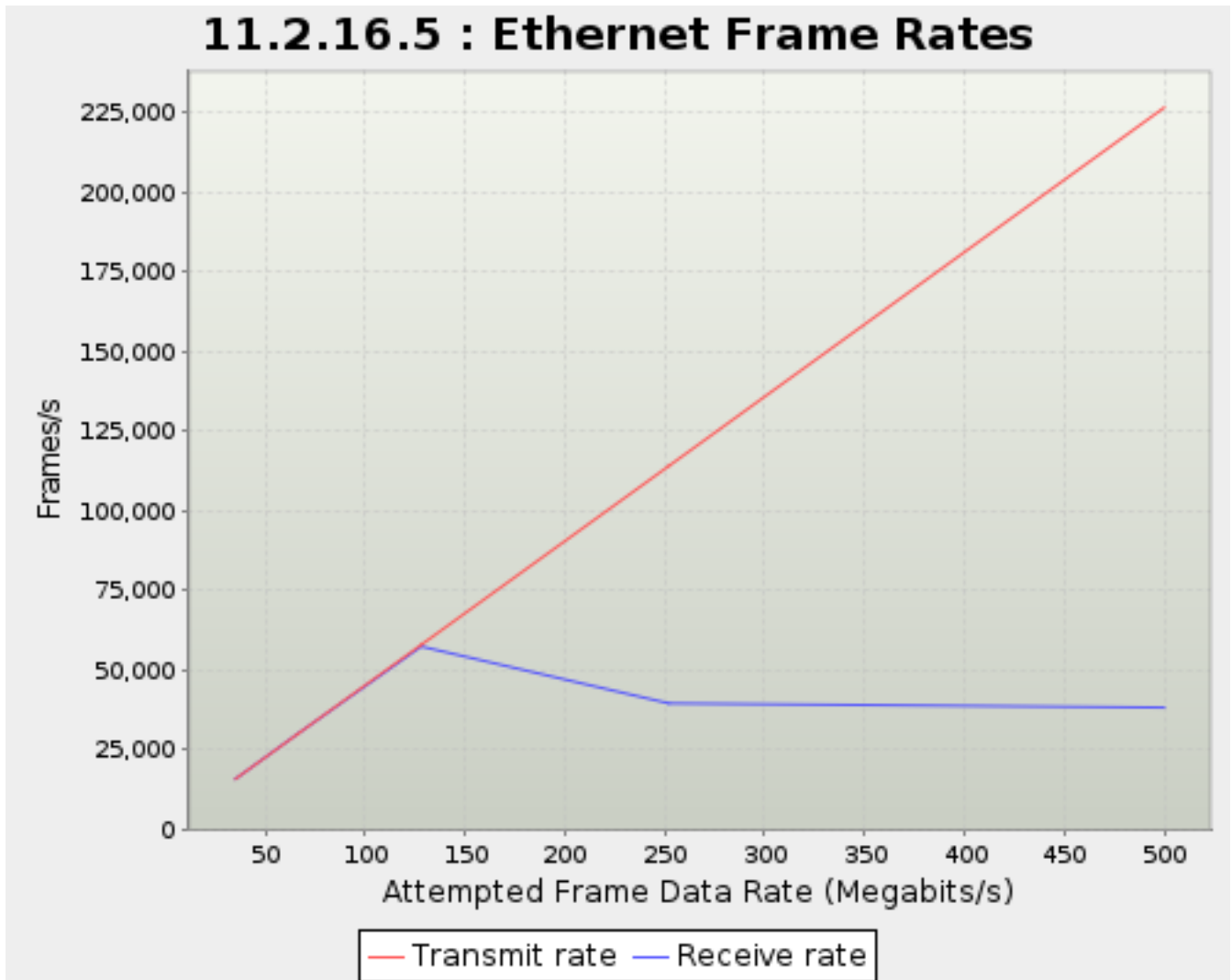
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.766	951,975	929 0.098%
66	63.887	1,794,394	960 0.053%
128	63.665	3,479,090	820 0.024%
252	63.968	6,848,569	727 0.011%
500	63.585	13,587,969	1,072 0.008%

11.2.16.4.2. Ethernet Frames: 2



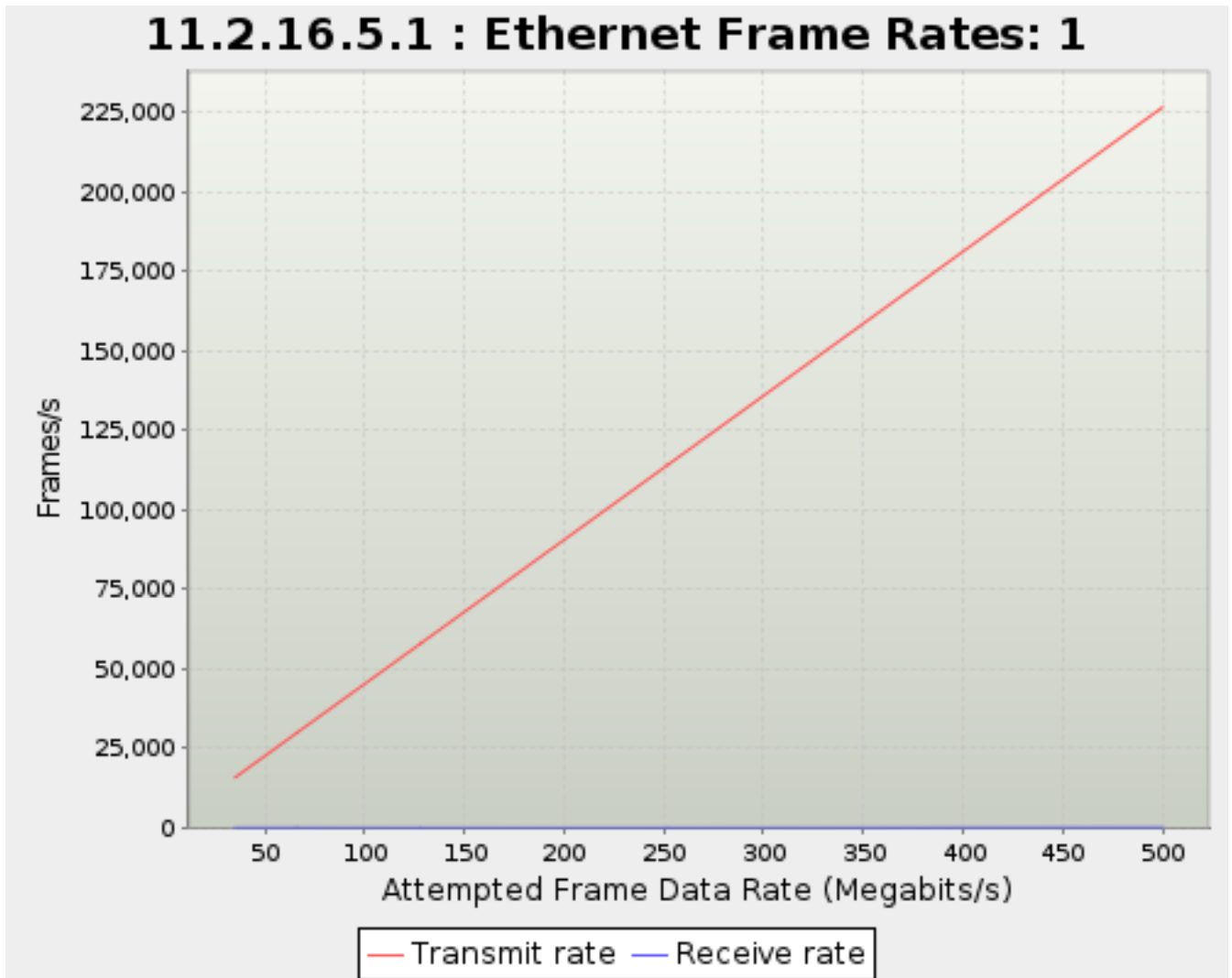
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.766	125	951,316 761052.800%
66	63.887	65	1,791,802 2756618.462%
128	63.665	67	3,322,109 4958371.642%
252	63.968	166	1,866,222 1124230.120%
500	63.585	179	1,658,304 926426.816%

11.2.16.5. Ethernet Frame Rates



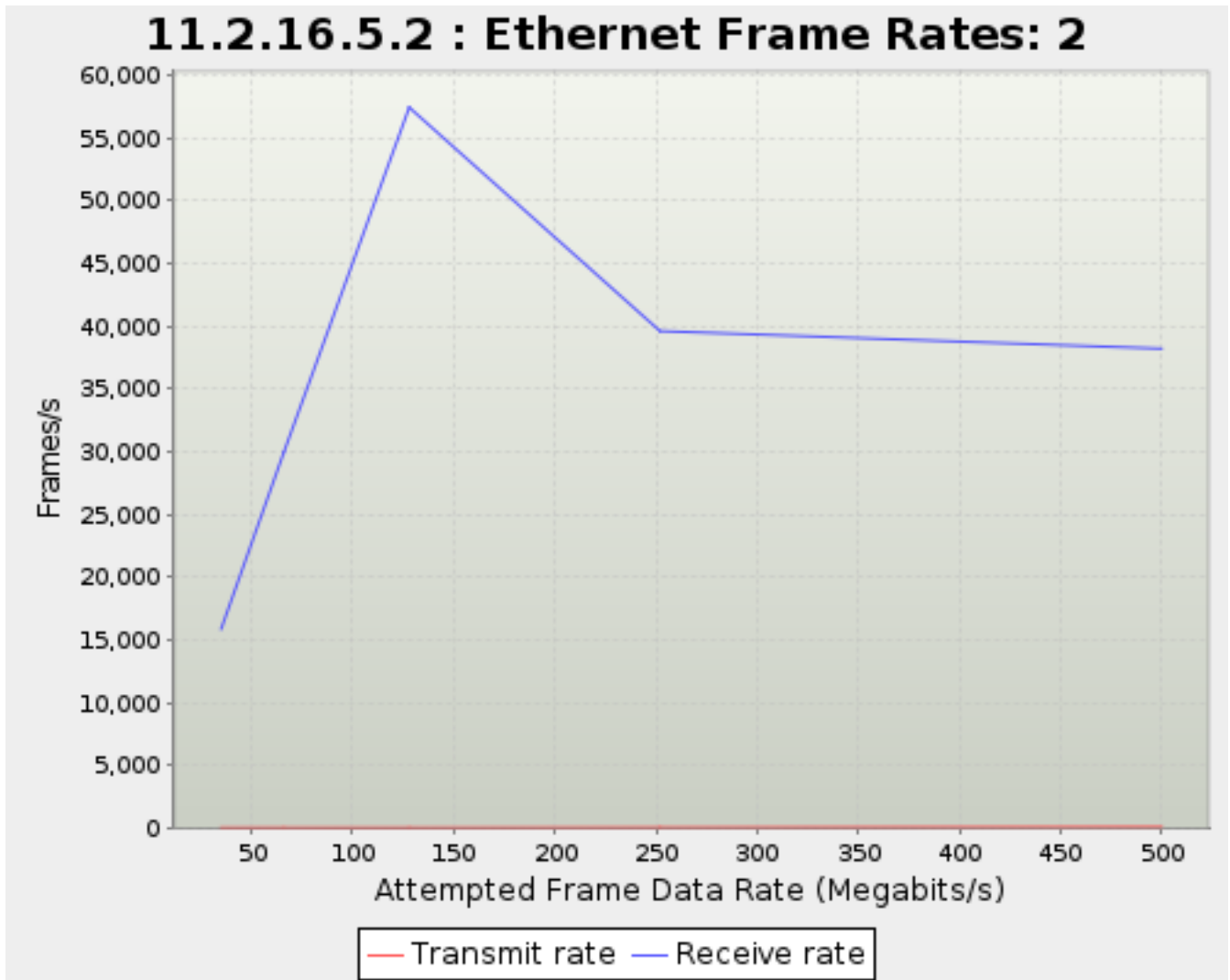
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	63.766	~15960	~15960
66	63.887	~30000	~30040
128	63.665	~58050	~57520
252	63.968	~114200	~39670
500	63.585	~226700	~38360

11.2.16.5.1. Ethernet Frame Rates: 1



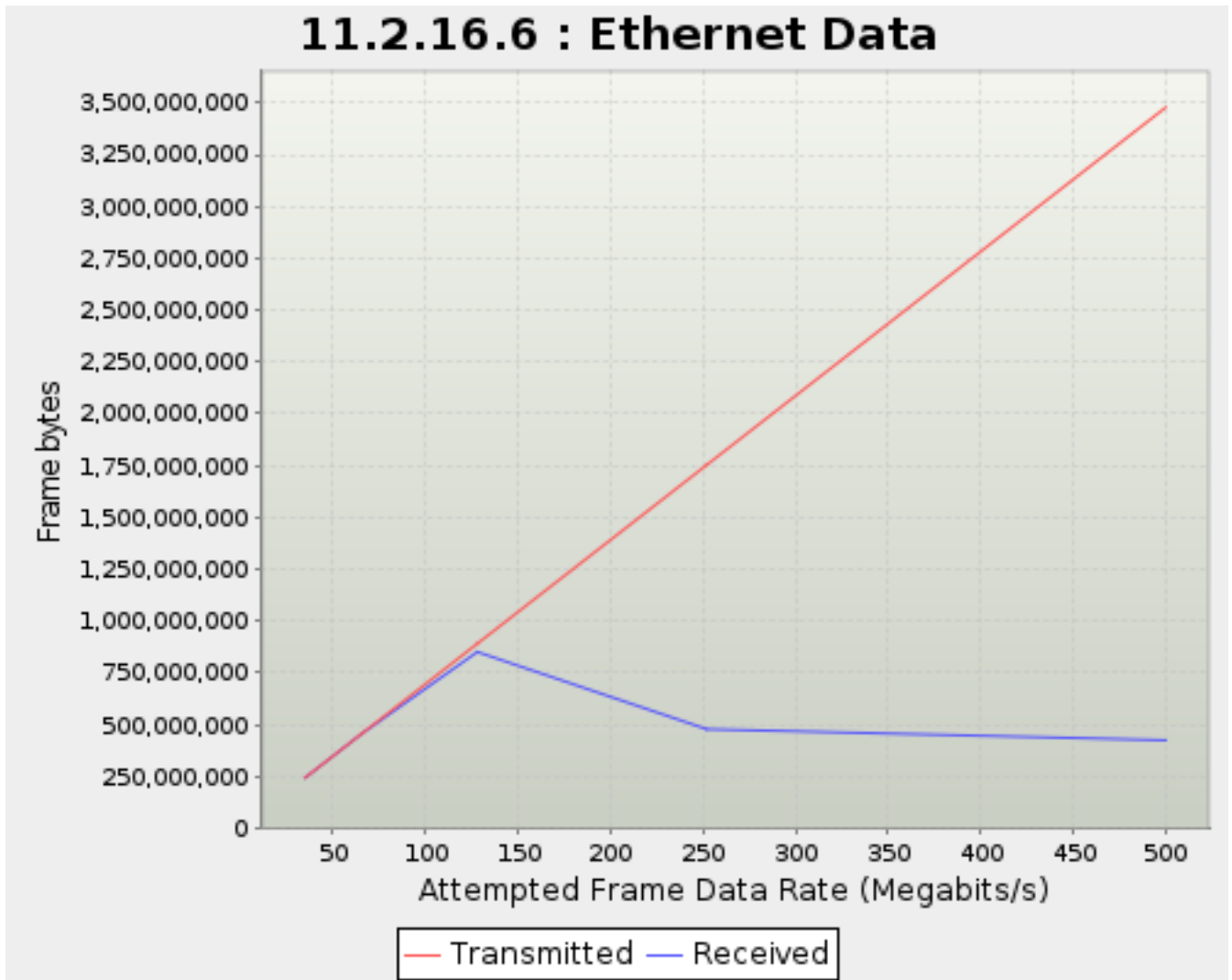
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	63.766	~15930	74.91
66	63.887	~29960	~73
128	63.665	~58020	51.04
252	63.968	~114200	41.10
500	63.585	~226600	122.2

11.2.16.5.2. Ethernet Frame Rates: 2



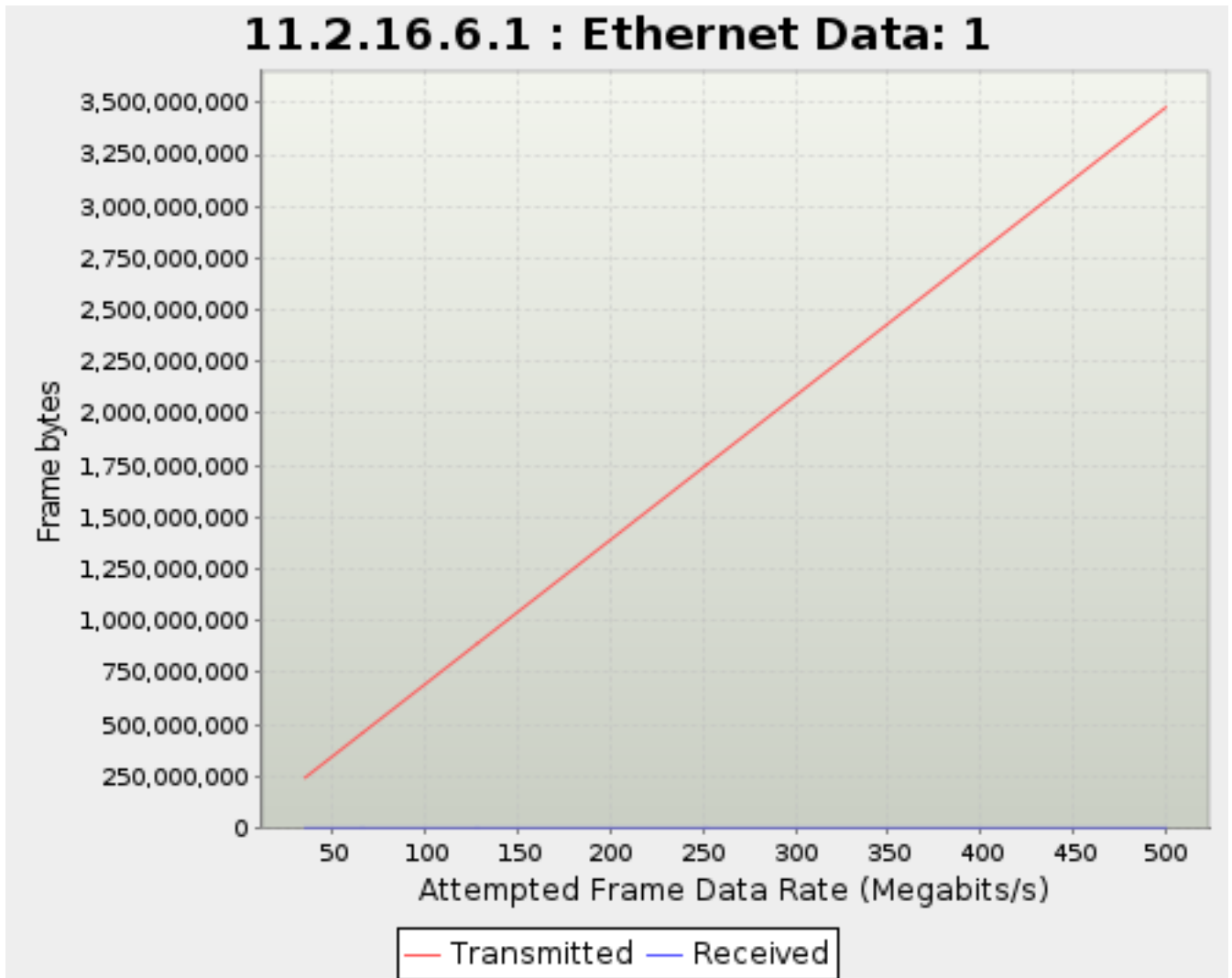
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	63.766	29.40	~15880
66	63.887	32.40	~29970
128	63.665	31.39	~57460
252	63.968	51.64	~39630
500	63.585	91.30	~38230

11.2.16.6. Ethernet Data



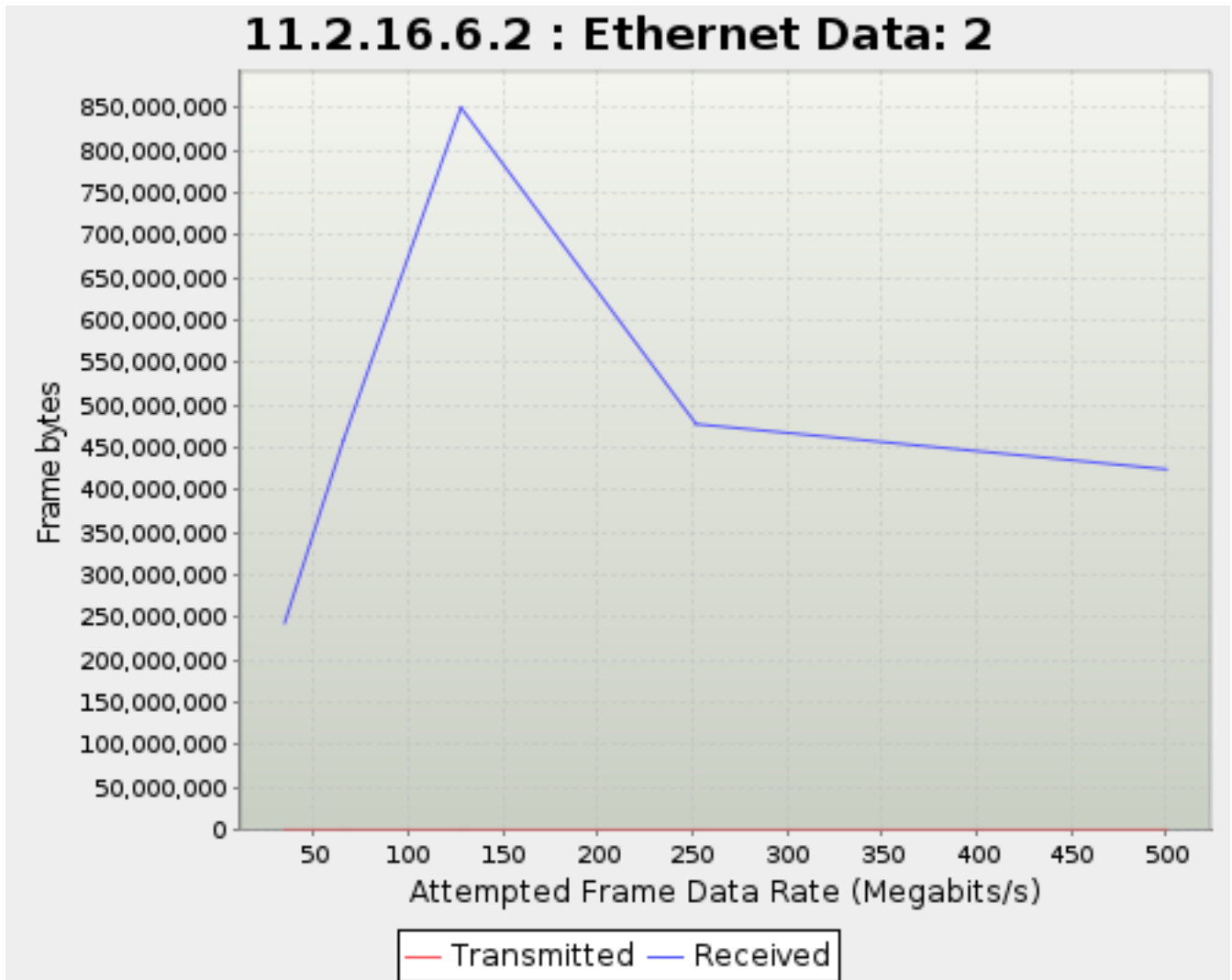
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.766	243,550,208	243,559,870 100.004%
66	63.887	459,201,984	458,737,422 99.899%
128	63.665	890,504,256	850,486,902 95.506%
252	63.968	1,753,108,928	477,754,921 27.252%
500	63.585	3,478,346,240	424,548,841 12.205%

11.2.16.6.1. Ethernet Data: 1



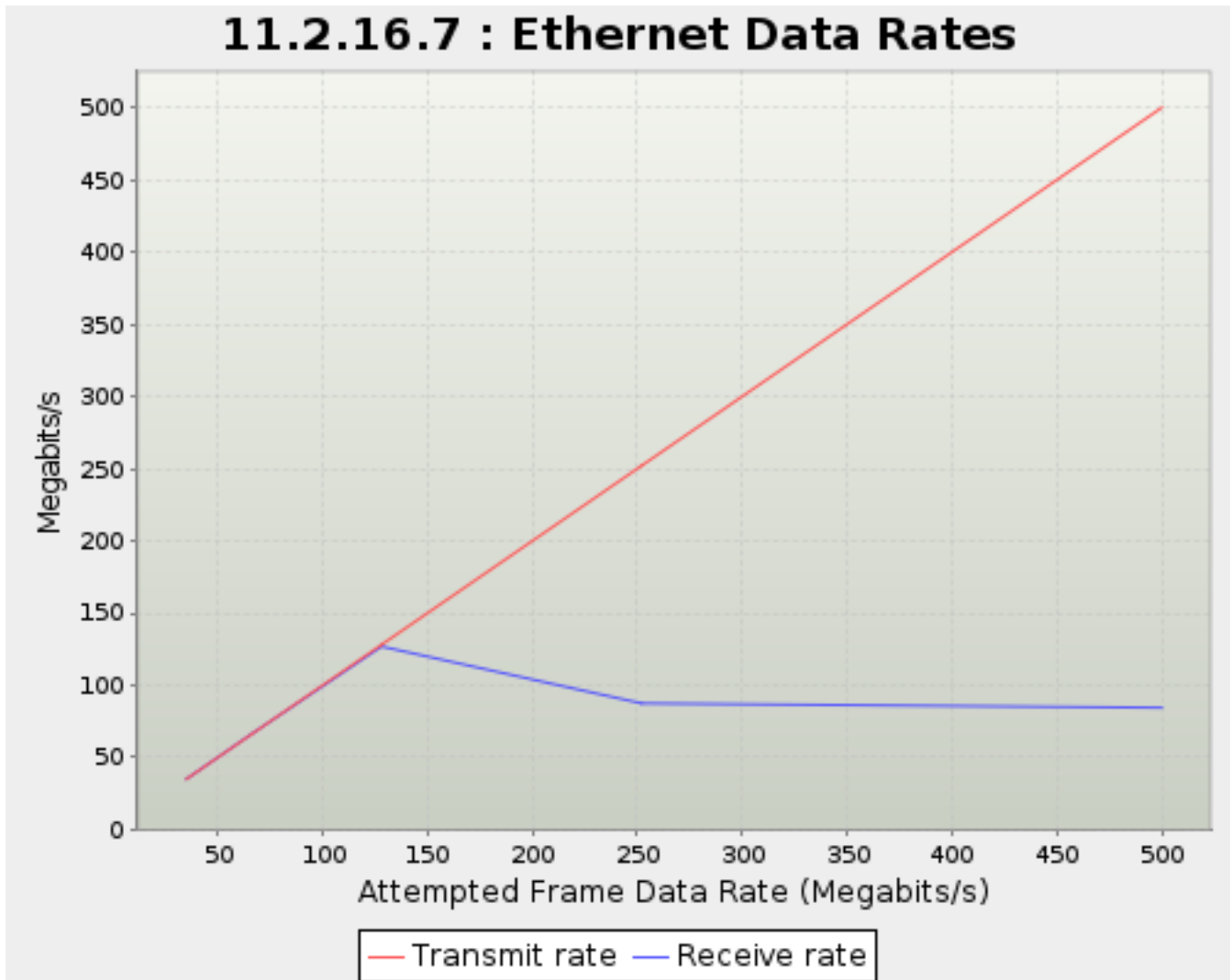
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.766	243,542,208	59,456 0.024%
66	63.887	459,197,824	61,440 0.013%
128	63.665	890,499,968	52,480 0.006%
252	63.968	1,753,098,304	46,528 0.003%
500	63.585	3,478,334,784	68,608 0.002%

11.2.16.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.766	8,000	243,500,414 3043755.175%
66	63.887	4,160	458,675,982 11025864.952%
128	63.665	4,288	850,434,422 19832892.304%
252	63.968	10,624	477,708,393 4496502.193%
500	63.585	11,456	424,480,233 3705309.296%

11.2.16.7. Ethernet Data Rates



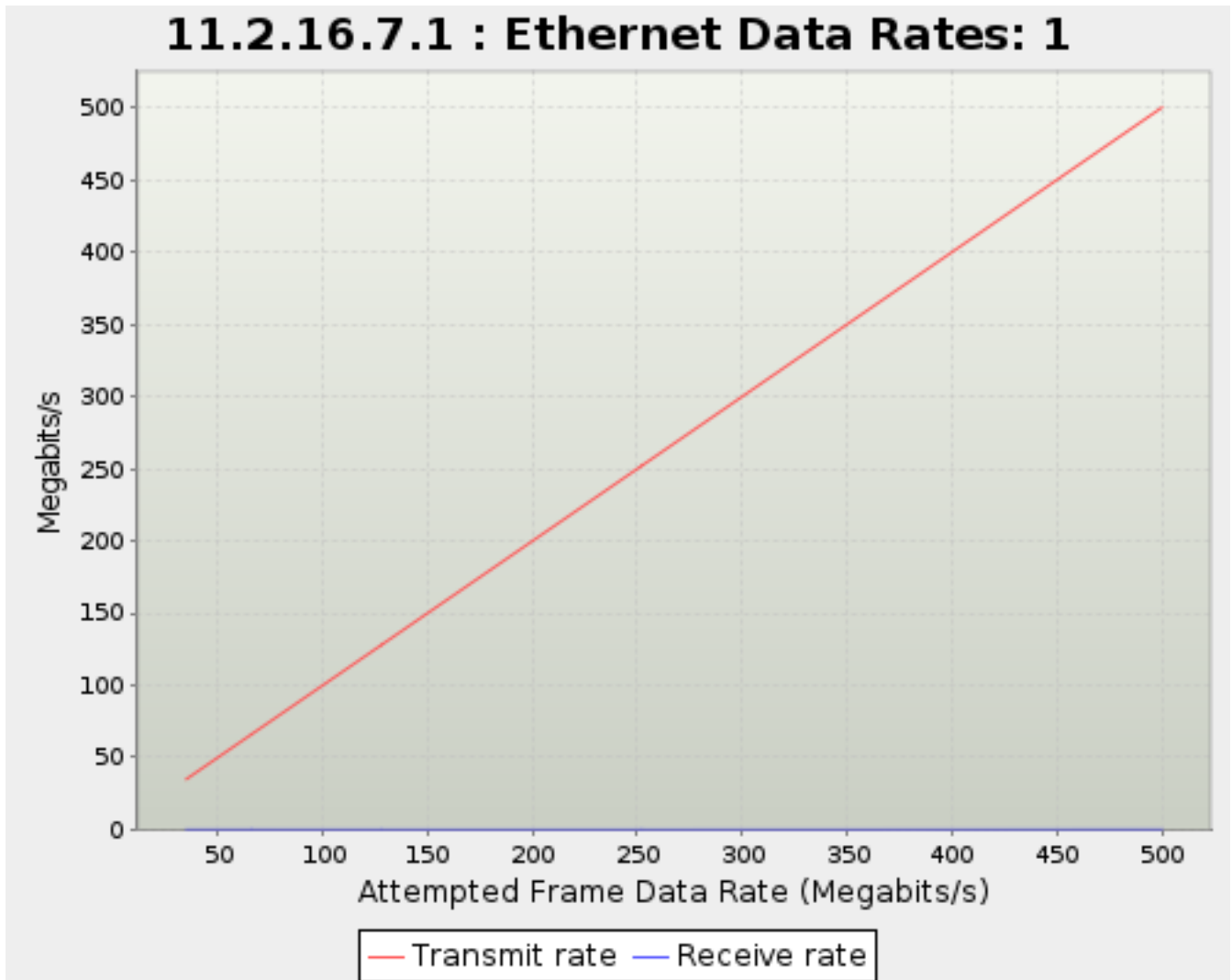
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	63.766	35.07	35.11
66	63.887	66.07	66.21
128	63.665	128.1	126.9
252	63.968	252.1	87.52
500	63.585	500.1	84.50

11.2.16.7.1. Ethernet Data Rates: 1



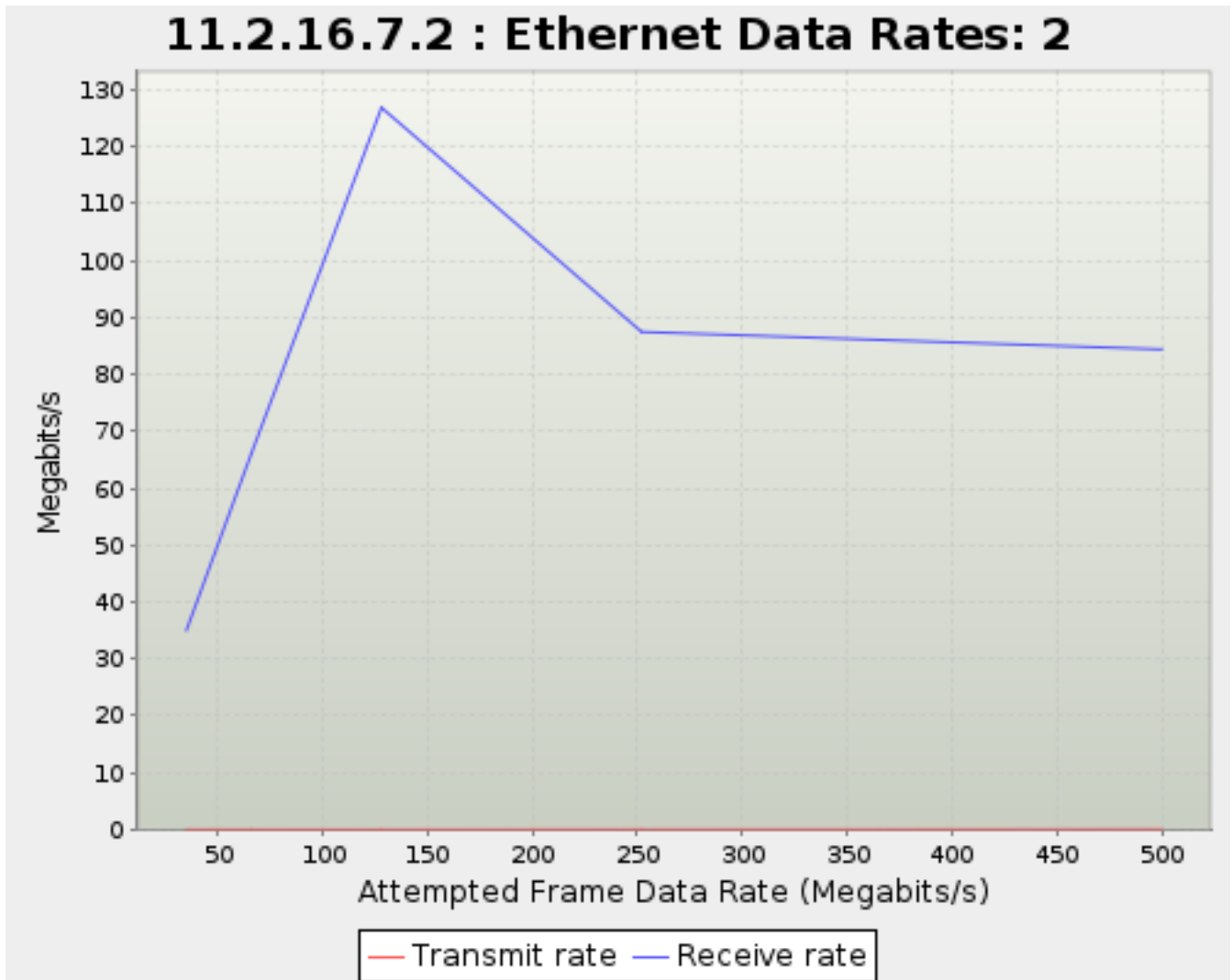
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	63.766	35.05	0.05034
66	63.887	66.05	0.04906
128	63.665	~128	0.03430
252	63.968	~252	0.02762
500	63.585	500.1	0.08212

11.2.16.7.2. Ethernet Data Rates: 2



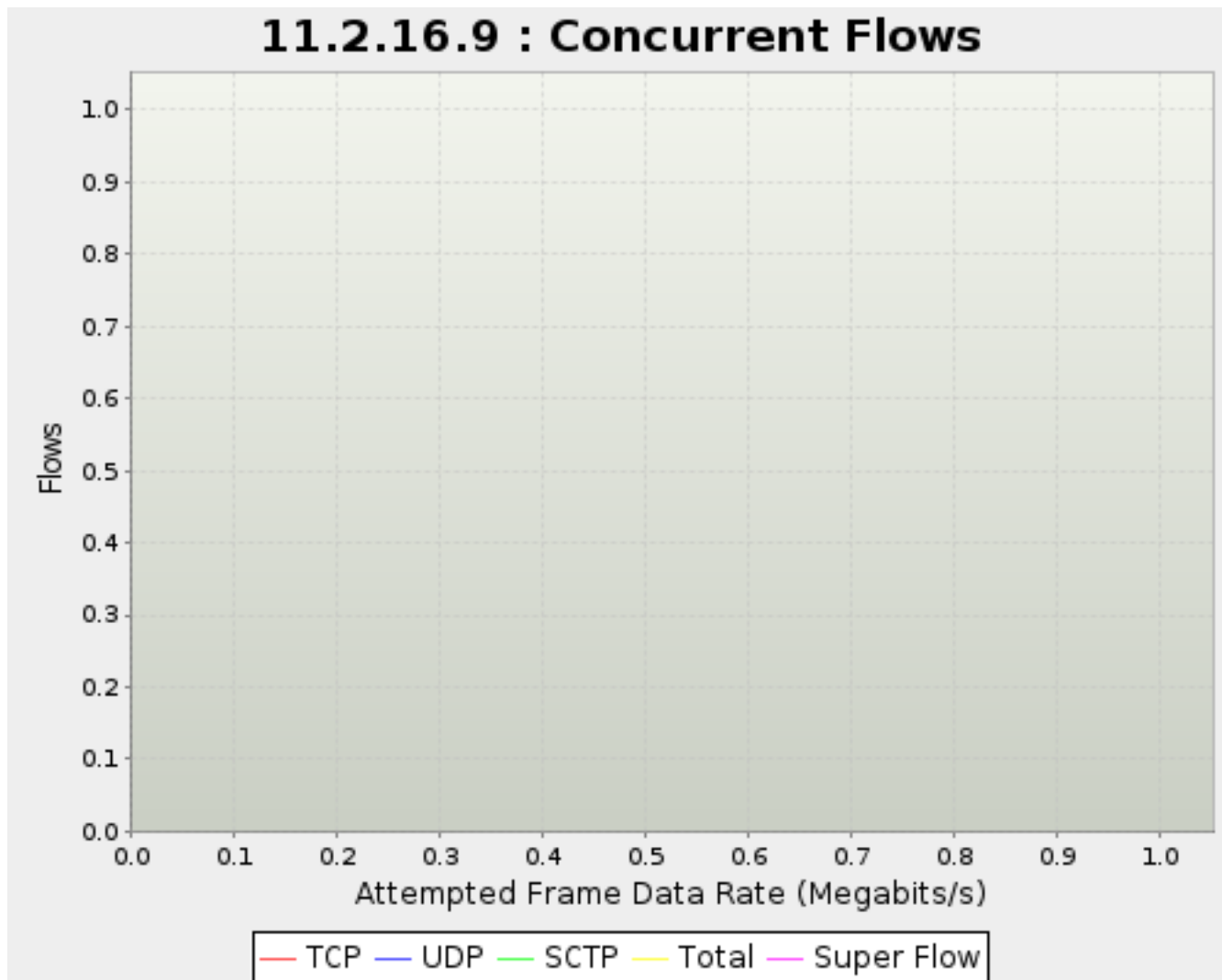
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

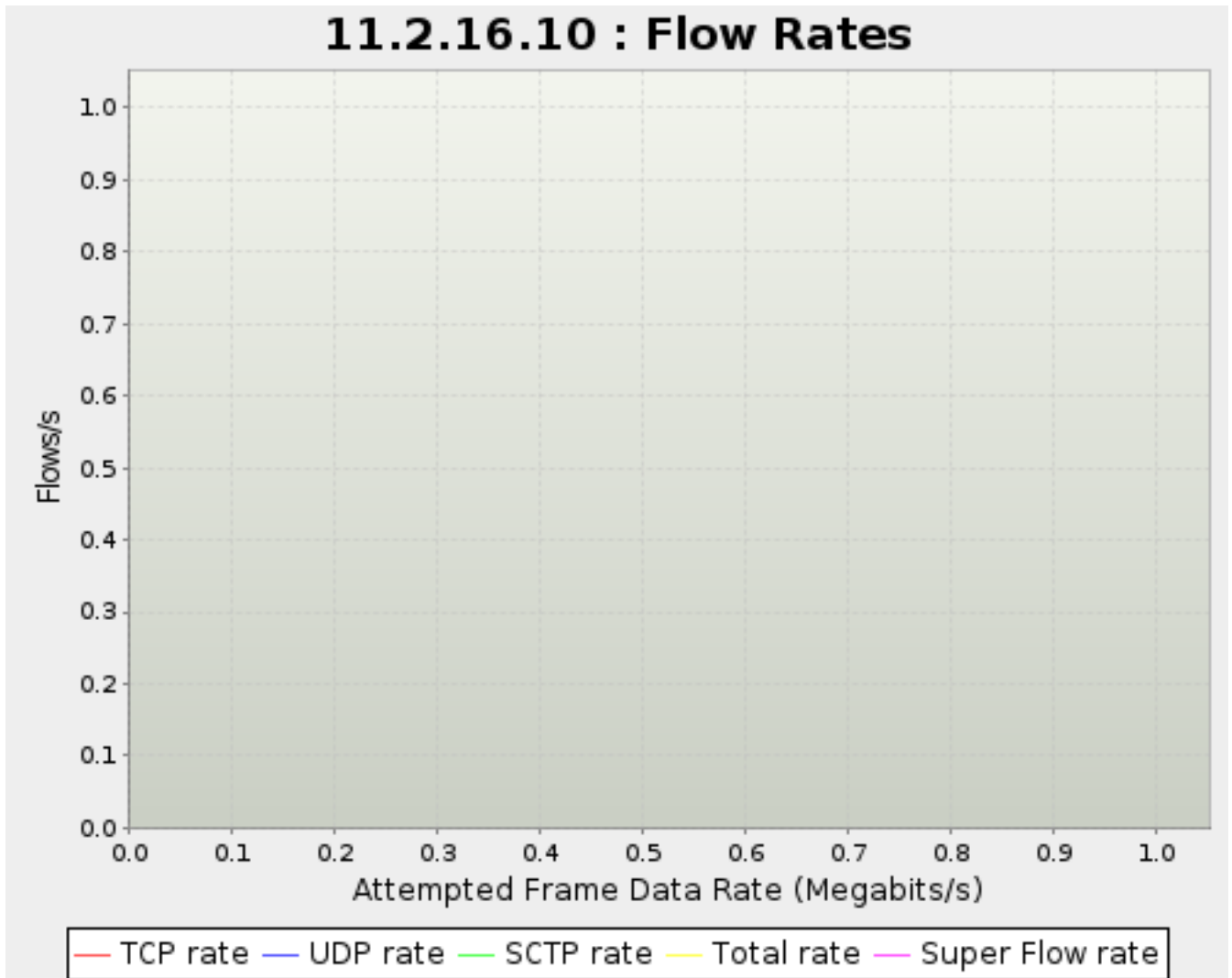
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	63.766	0.01976	35.06
66	63.887	0.02178	66.16
128	63.665	0.02110	126.9
252	63.968	0.03470	87.49
500	63.585	0.06135	84.42

11.2.16.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
35	63.436	0	0	0	0	0
66	63.522	0	0	0	0	0
128	63.315	0	0	0	0	0
252	63.558	0	0	0	0	0
500	63.338	0	0	0	0	0

11.2.16.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	Sctp rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
35	63.436	0.00	0.00	0.00	0.00	0.00
66	63.522	0.00	0.00	0.00	0.00	0.00
128	63.315	0.00	0.00	0.00	0.00	0.00
252	63.558	0.00	0.00	0.00	0.00	0.00
500	63.338	0.00	0.00	0.00	0.00	0.00

11.2.16.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
35	0		192.168.0.0/16	192.168.0.1	up
35	0		10.201.0.0/16	10.201.0.254	up
66	0		10.201.0.0/16	10.201.0.254	up
66	0		192.168.0.0/16	192.168.0.1	up
128	0		10.201.0.0/16	10.201.0.254	up
128	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
252	0		10.201.0.0/16	10.201.0.254	up
500	56.341		192.168.0.0/16	192.168.0.1	up
500	60.346		10.201.0.0/16	10.201.0.254	up

11.2.16.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
35	0		192.168.0.0/16	192.168.0.1	up
66	0		192.168.0.0/16	192.168.0.1	up
128	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	56.341		192.168.0.0/16	192.168.0.1	up

11.2.16.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
35	0		10.201.0.0/16	10.201.0.254	up
66	0		10.201.0.0/16	10.201.0.254	up
128	0		10.201.0.0/16	10.201.0.254	up
252	0		10.201.0.0/16	10.201.0.254	up
500	60.346		10.201.0.0/16	10.201.0.254	up

11.2.16.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
35	63.762	6	6	1,064	970	0	94	0	0
66	63.893	6	6	1,036	929	0	107	0	0
128	63.669	6	6	856	827	0	29	0	0
252	63.969	7	6	885	864	0	21	0	0
500	63.588	17	6	1,190	1,127	0	63	0	0

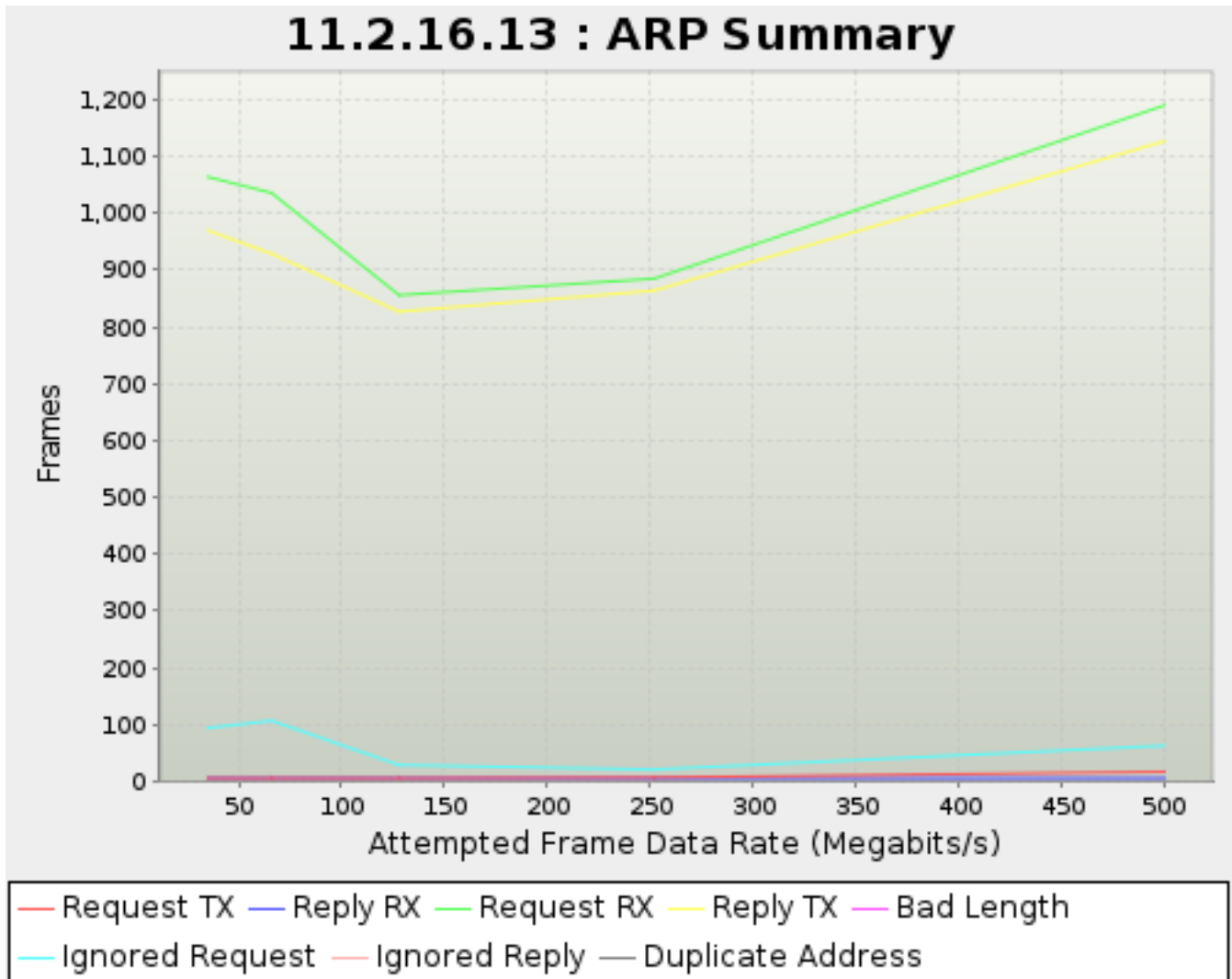
11.2.16.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
35	63.762	3	3	926	848	0	78	0	0
66	63.893	3	3	957	867	0	90	0	0
128	63.669	3	3	776	763	0	13	0	0
252	63.969	3	3	707	702	0	5	0	0
500	63.588	7	3	1,005	958	0	47	0	0

11.2.16.12.2. ARP: 2

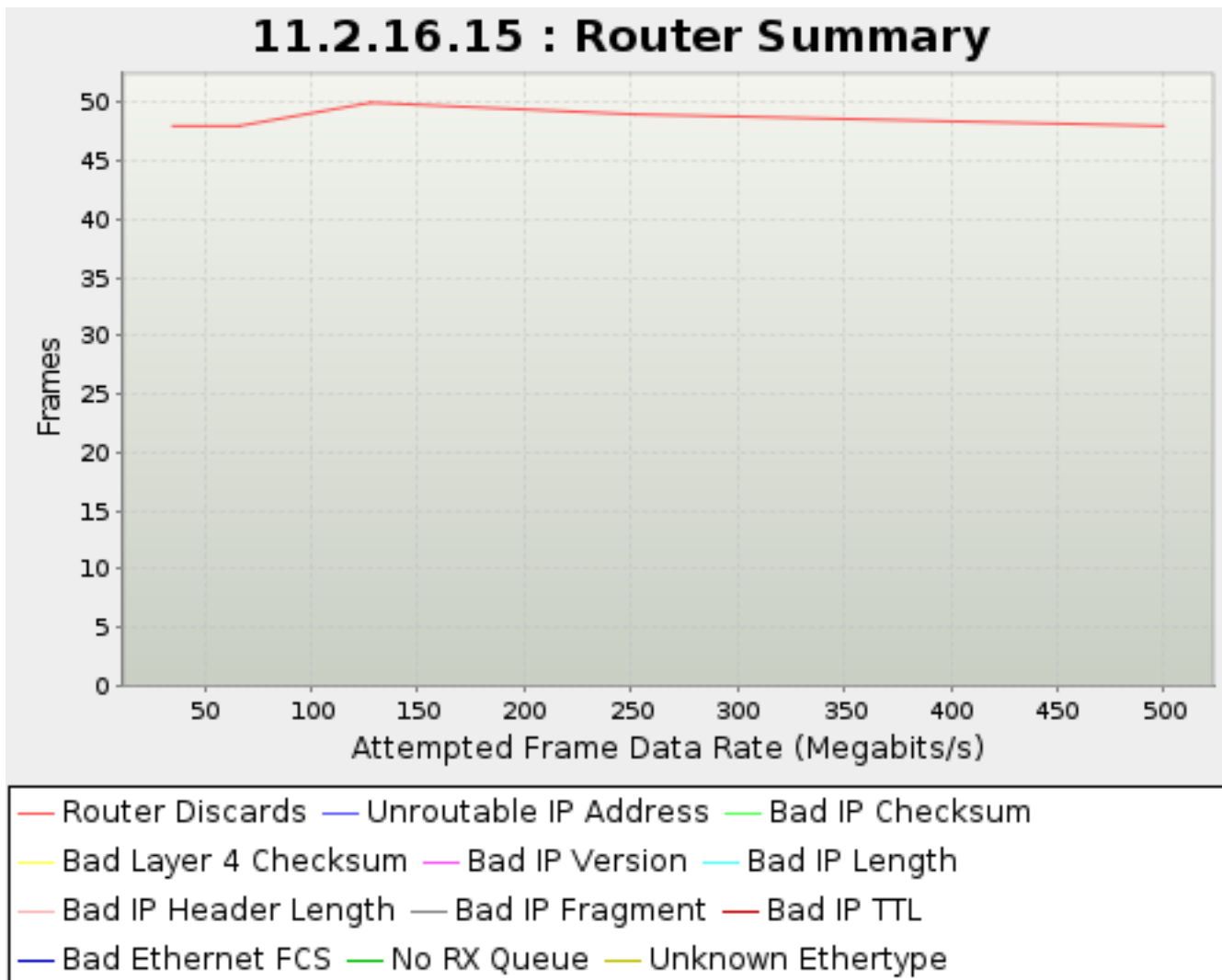
Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
35	63.762	3	3	138	122	0	16	0	0
66	63.893	3	3	79	62	0	17	0	0
128	63.669	3	3	80	64	0	16	0	0
252	63.969	4	3	178	162	0	16	0	0
500	63.588	10	3	185	169	0	16	0	0

11.2.16.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Frames</i>							
35	6	6	1,064	970	0	94	0	0
66	6	6	1,036	929	0	107	0	0
128	6	6	856	827	0	29	0	0
252	7	6	885	864	0	21	0	0
500	17	6	1,190	1,127	0	63	0	0

11.2.16.15. Router Summary



Attempted Frame Data Rate	Router Discards	Unroutable IP Address	Bad IP Checksum	Bad Layer 4 Checksum	Bad IP Version	Bad IP Length	Bad IP Header Length	Bad IP Fragment	Bad IP TTL	Bad Ethernet FCS	No RX Queue	Unknown Ethertype
	<i>Frames</i>											
35	48	0	0	0	0	0	0	0	0	0	0	0
66	48	0	0	0	0	0	0	0	0	0	0	0
128	50	0	0	0	0	0	0	0	0	0	0	0
252	49	0	0	0	0	0	0	0	0	0	0	0
500	48	0	0	0	0	0	0	0	0	0	0	0

11.2.17. System Controller 0 statistics

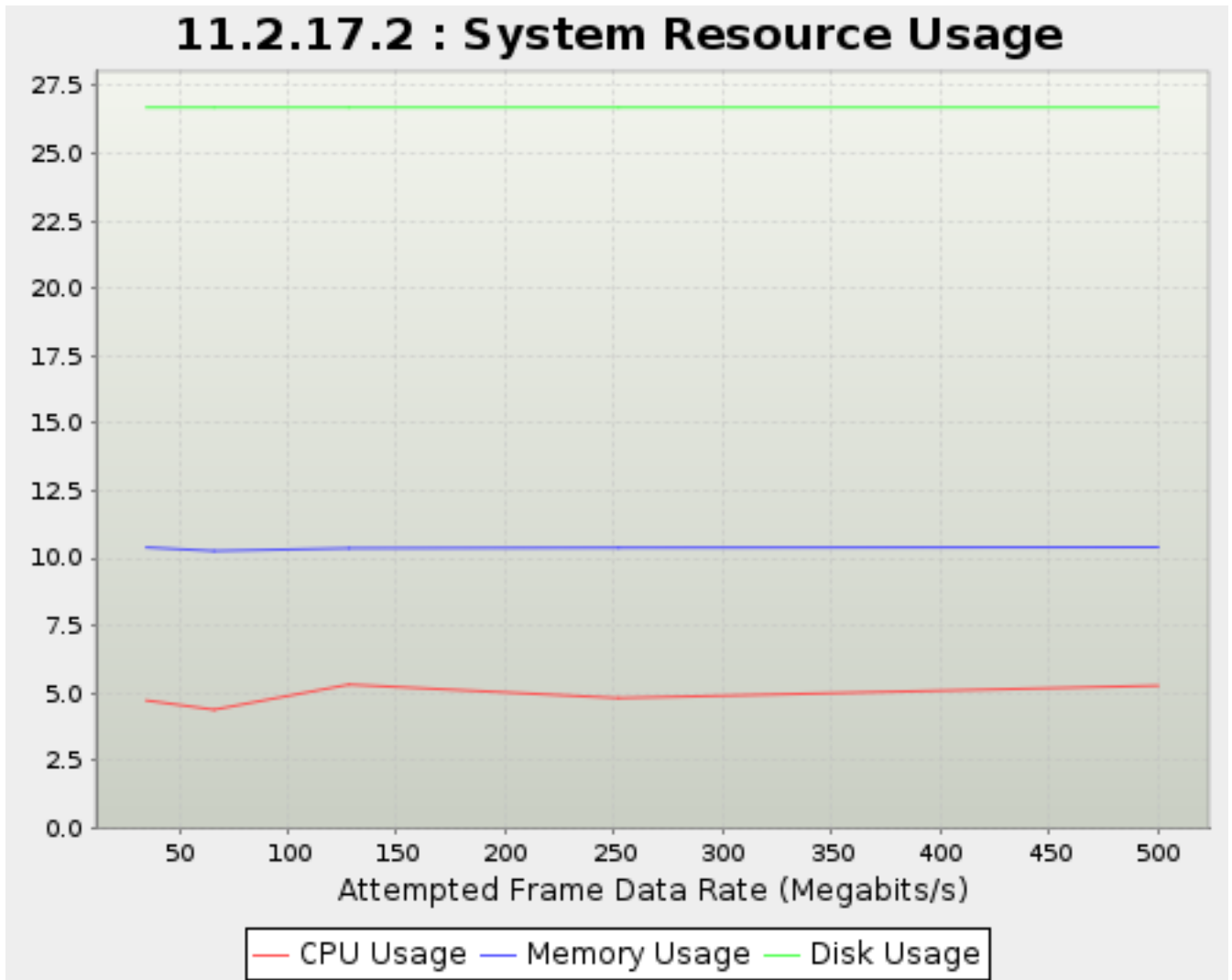
11.2.17.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

Component	Resource Used
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

11.2.17.2. System Resource Usage



Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
35	63.765	4.73	10.40	26.70
66	63.915	4.39	10.27	26.70
128	63.677	5.32	10.37	26.70
252	63.973	4.82	10.39	26.70
500	63.593	5.28	10.41	26.70

12. Frame Rate: 128

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	40 Mbps	failed
252 Mbps	31 Mbps	failed
128 Mbps	39 Mbps	failed
66 Mbps	62 Mbps	failed
35 Mbps	34 Mbps	failed
5 Mbps	4 Mbps	failed

Result
The device failed at a frame data rate of 500 Megabits/s

Failed Criteria

12.1. Test Results for Bit Blaster

12.1.1. Component Description

Component: Bit Blaster

This component sends valid layer 2 ethernet frames with contrived content.

Component	Resource Used
Bit Blaster	np1-0, np1-0, np1-0, np1-0, np1-0, np1-0

12.1.2. Test Component Criteria

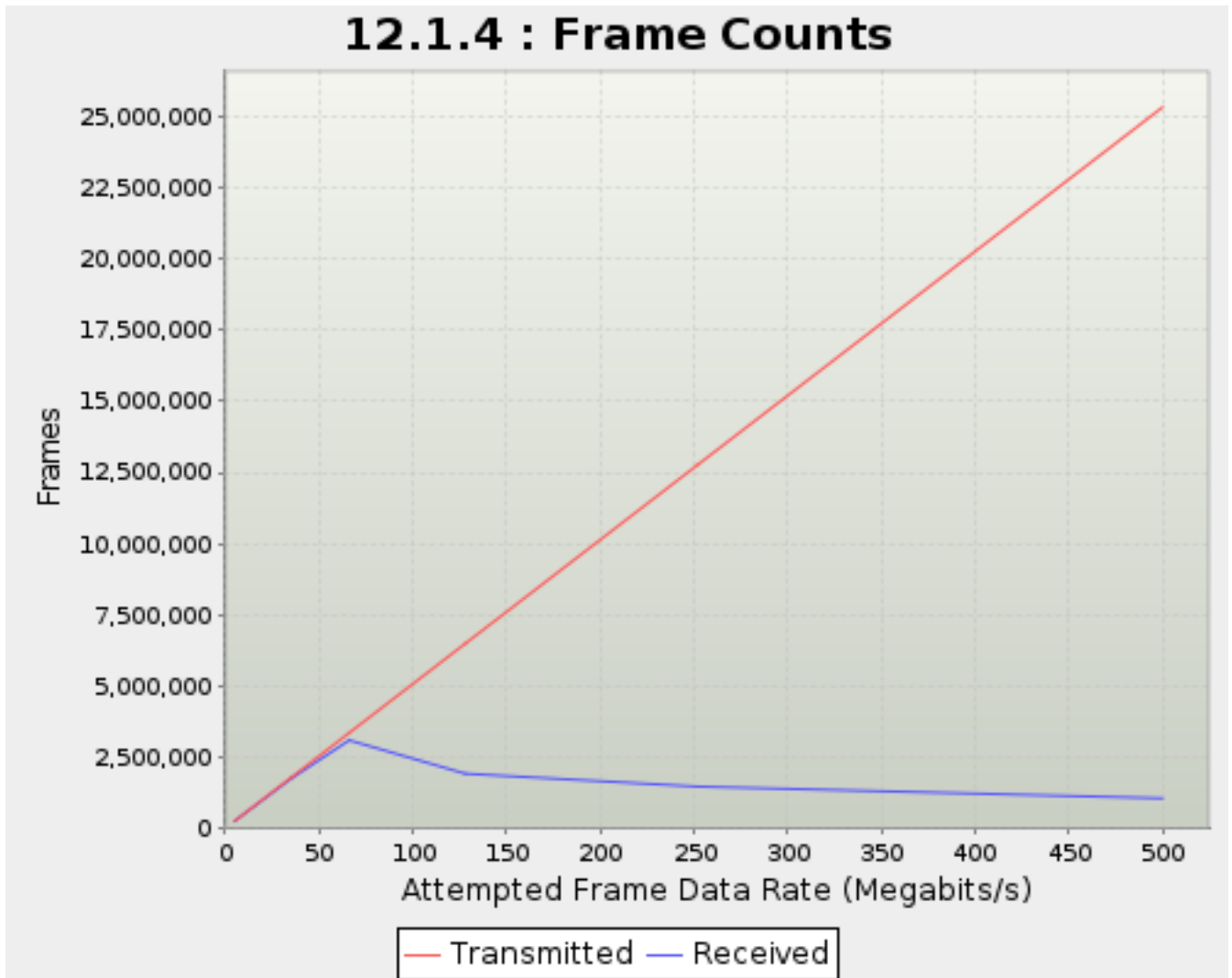
Number	Description
1	No predefined test criteria.

12.1.3. Traffic Appearance

Traffic was addressed as defined in the "vMX - Dual Core Performance Testing" network neighborhood.

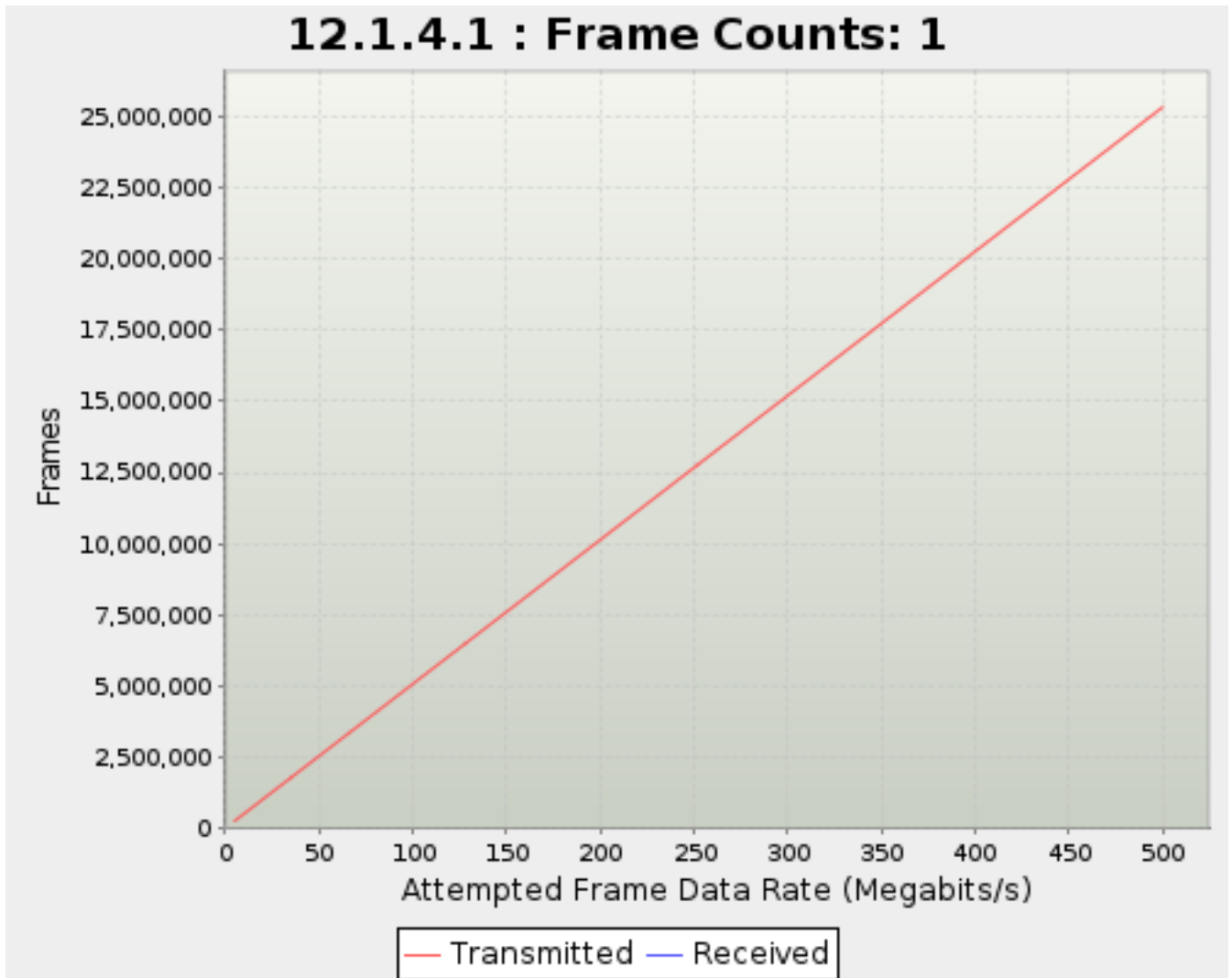
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

12.1.4. Frame Counts



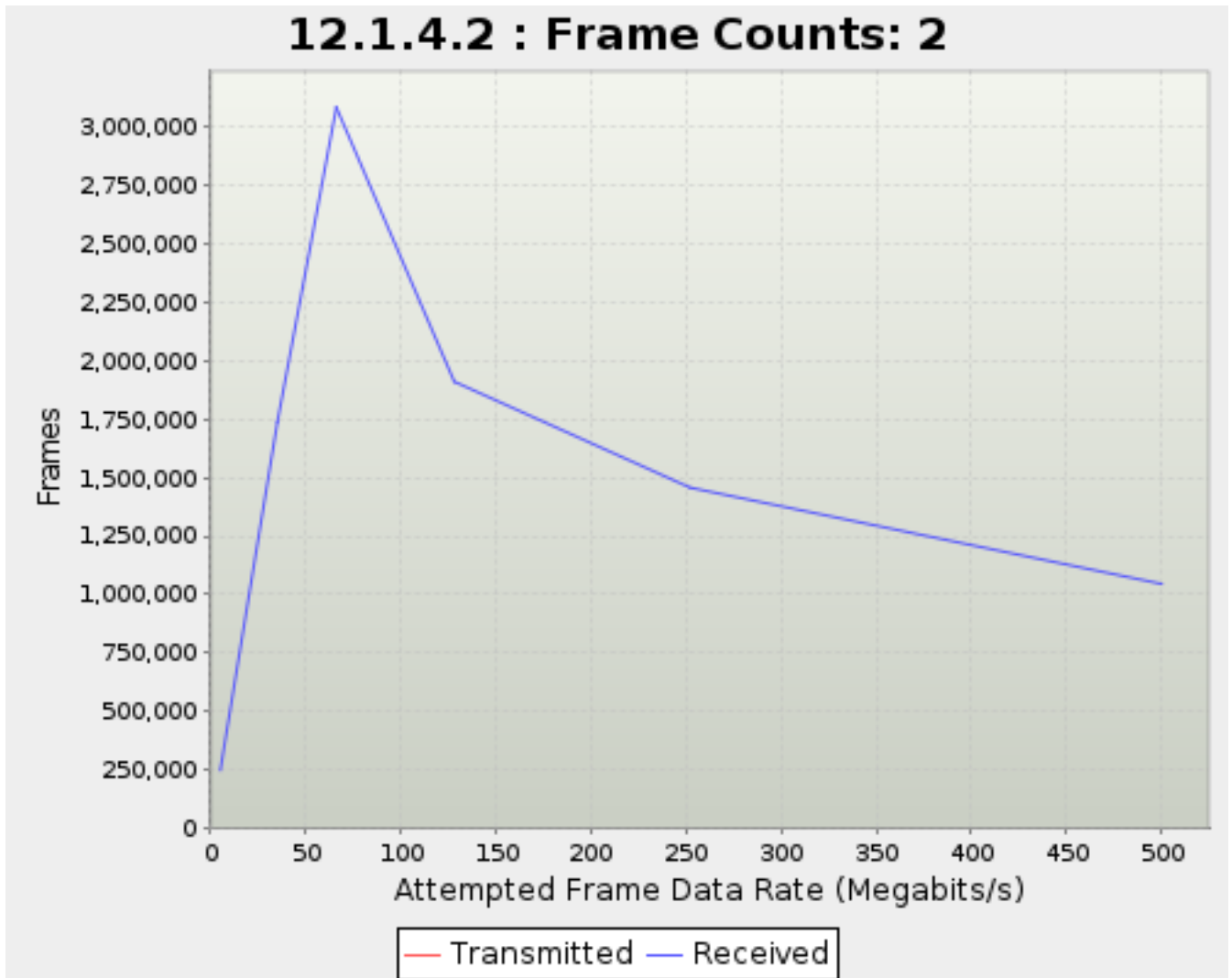
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	62.516	253,320	248,357
35	62.688	1,773,600	1,738,305
66	62.668	3,344,580	3,085,277
128	62.577	6,486,480	1,911,213
252	62.758	12,770,220	1,457,354
500	62.466	25,337,820	1,045,100

12.1.4.1. Frame Counts: 1



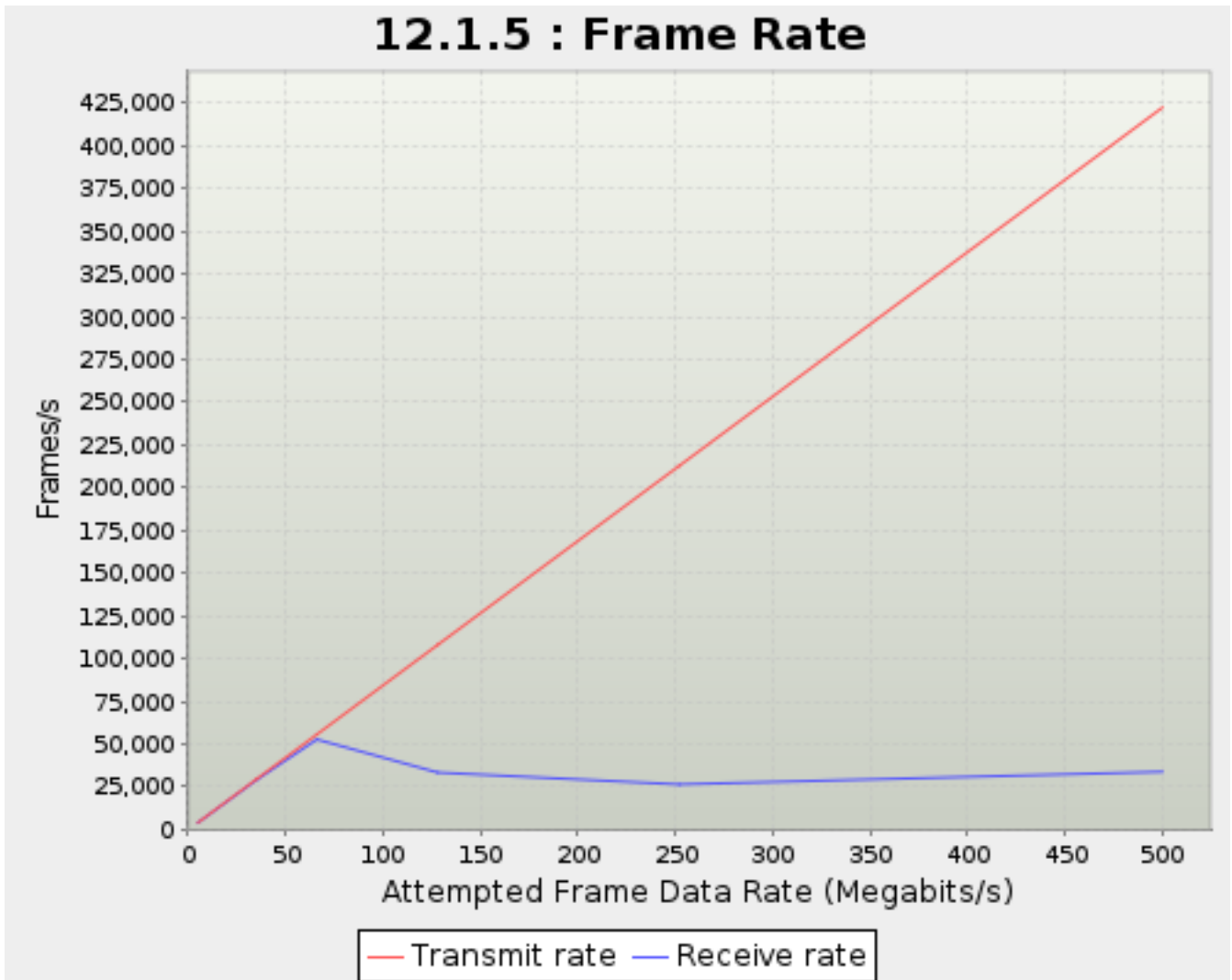
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	62.516	253,320	0
35	62.688	1,773,600	0
66	62.668	3,344,580	0
128	62.577	6,486,480	0
252	62.758	12,770,220	0
500	62.466	25,337,820	0

12.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	62.516	0	248,357
35	62.688	0	1,738,305
66	62.668	0	3,085,277
128	62.577	0	1,911,213
252	62.758	0	1,457,354
500	62.466	0	1,045,100

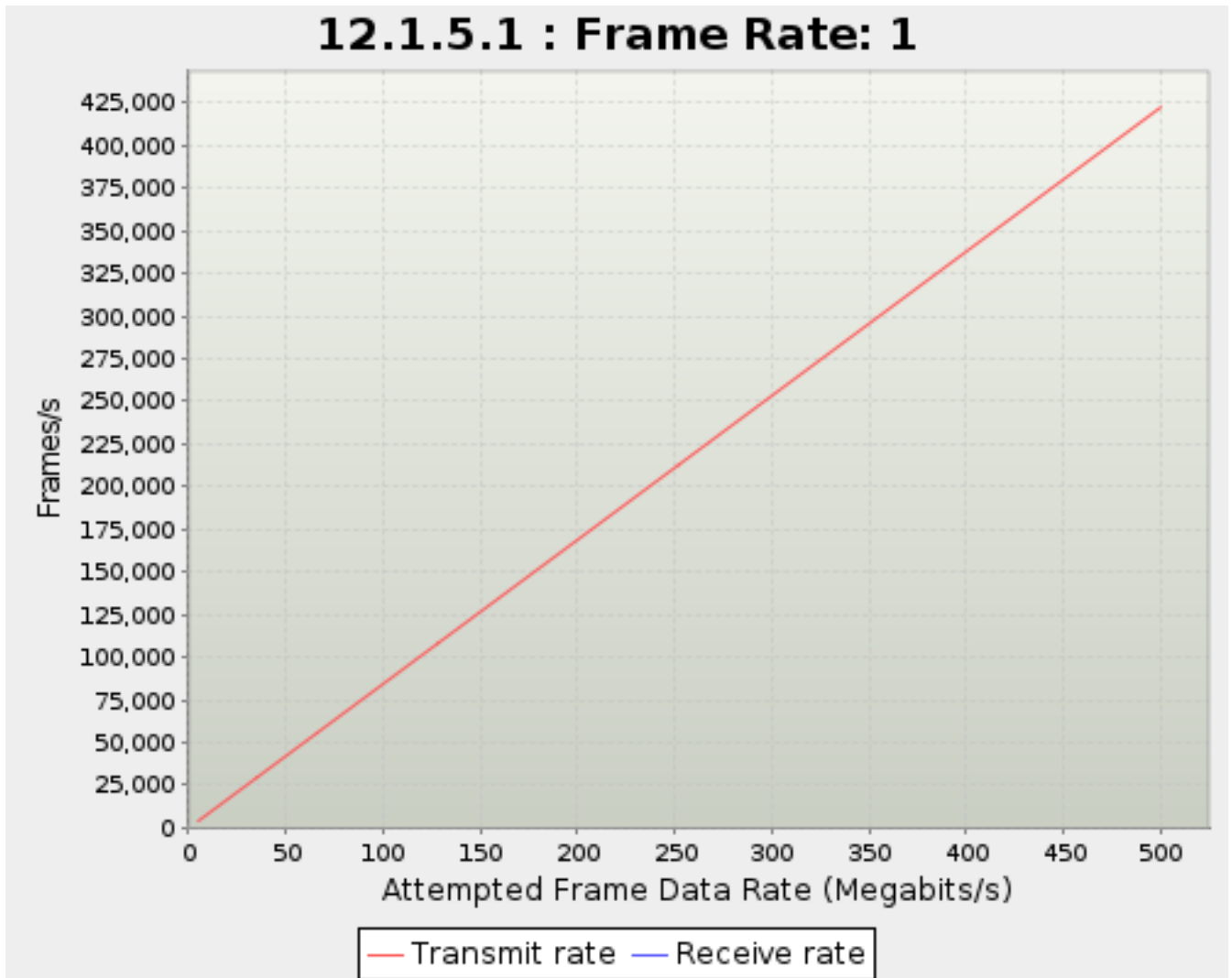
12.1.5. Frame Rate



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	62.516	~4224	~4150
35	62.688	~29560	~29120
66	62.668	~55740	~52800
128	62.577	~108100	~33470
252	62.758	~212800	~26500
500	62.466	~422300	~33870

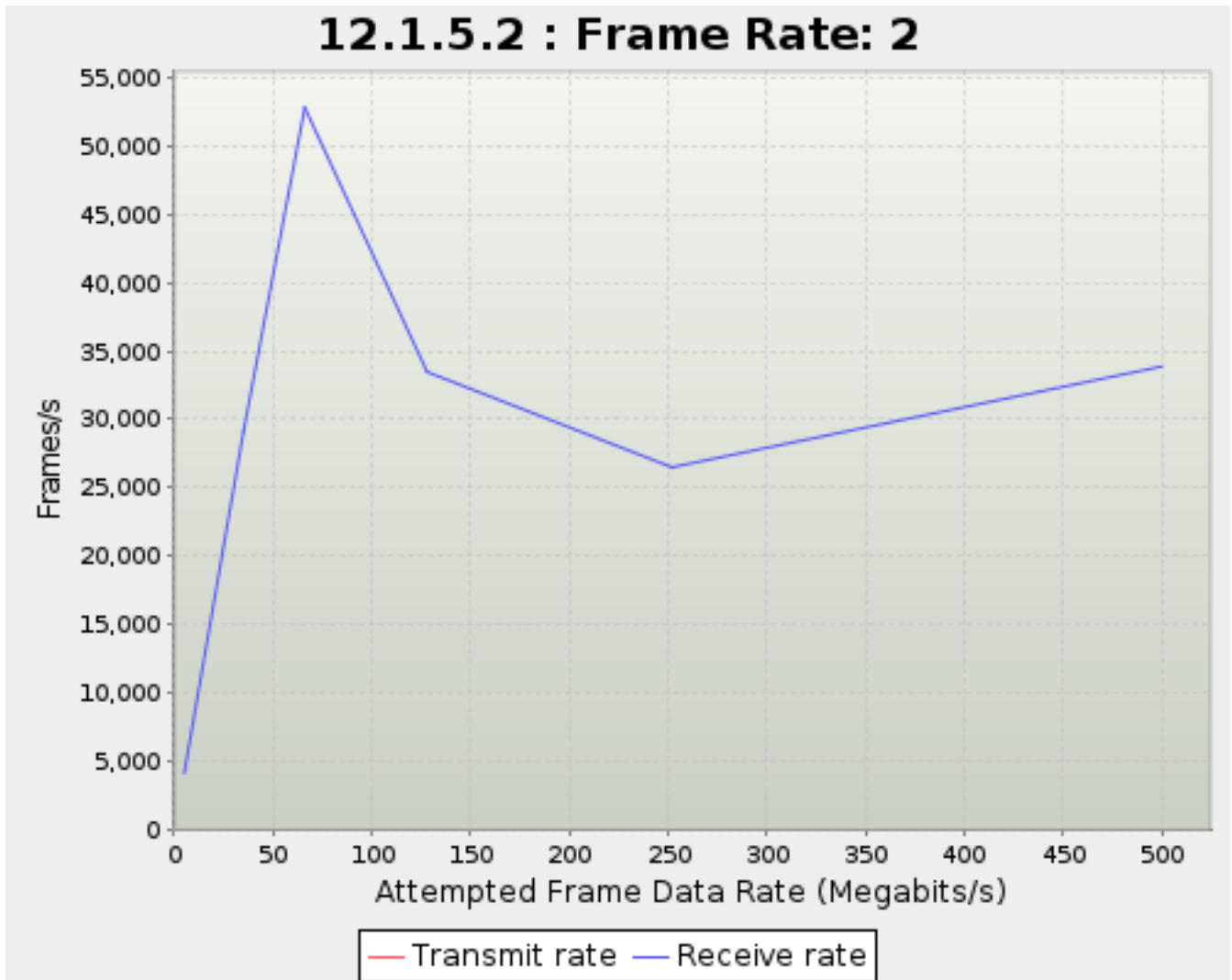
12.1.5.1. Frame Rate: 1



Rates can vary due to round-off errors in calculations.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	62.516	~4224	0.00
35	62.688	~29560	0.00
66	62.668	~55740	0.00
128	62.577	~108100	0.00
252	62.758	~212800	0.00
500	62.466	~422300	0.00

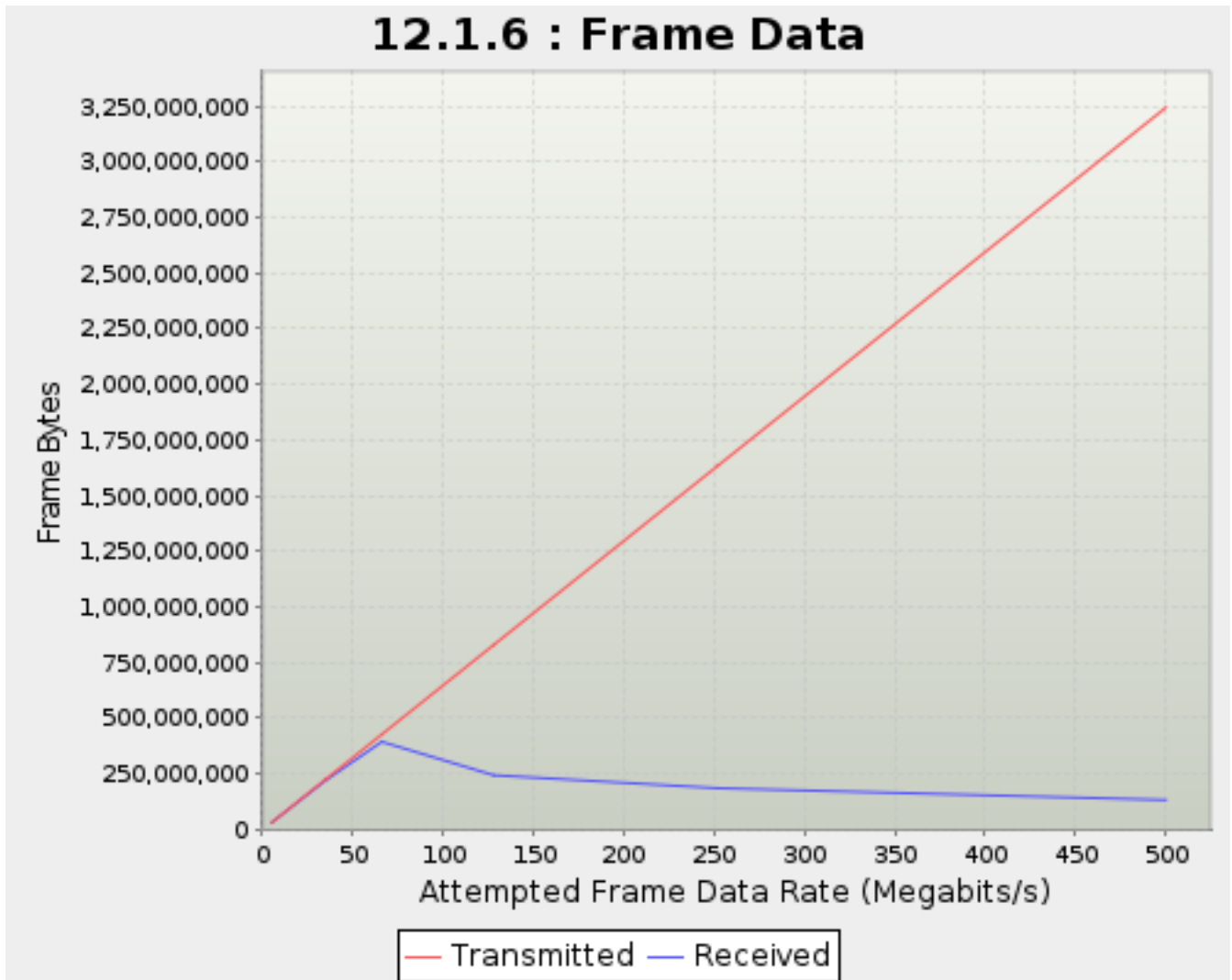
12.1.5.2. Frame Rate: 2



Rates can vary due to round-off errors in calculations.

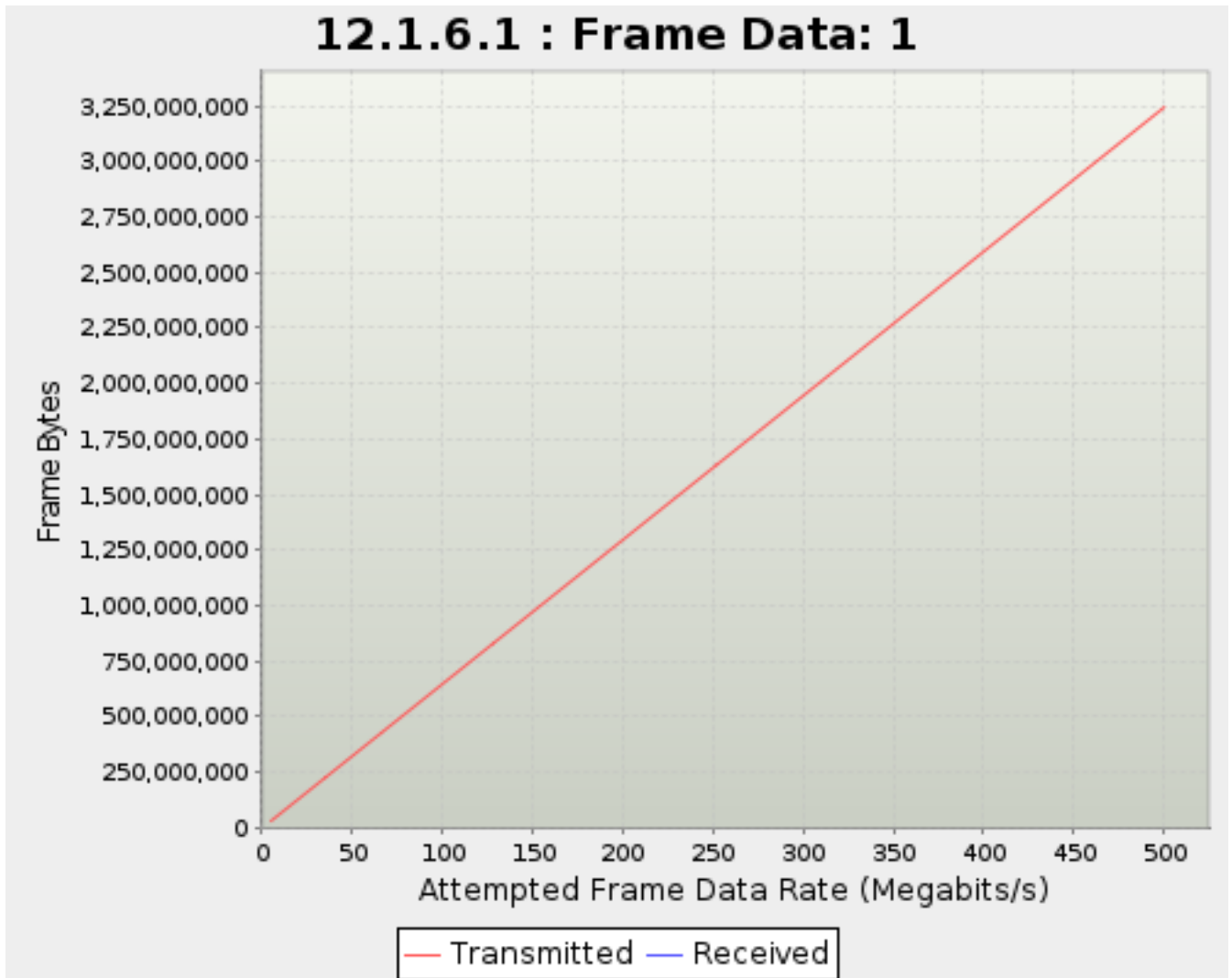
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	62.516	0.00	~4150
35	62.688	0.00	~29120
66	62.668	0.00	~52800
128	62.577	0.00	~33470
252	62.758	0.00	~26500
500	62.466	0.00	~33870

12.1.6. Frame Data



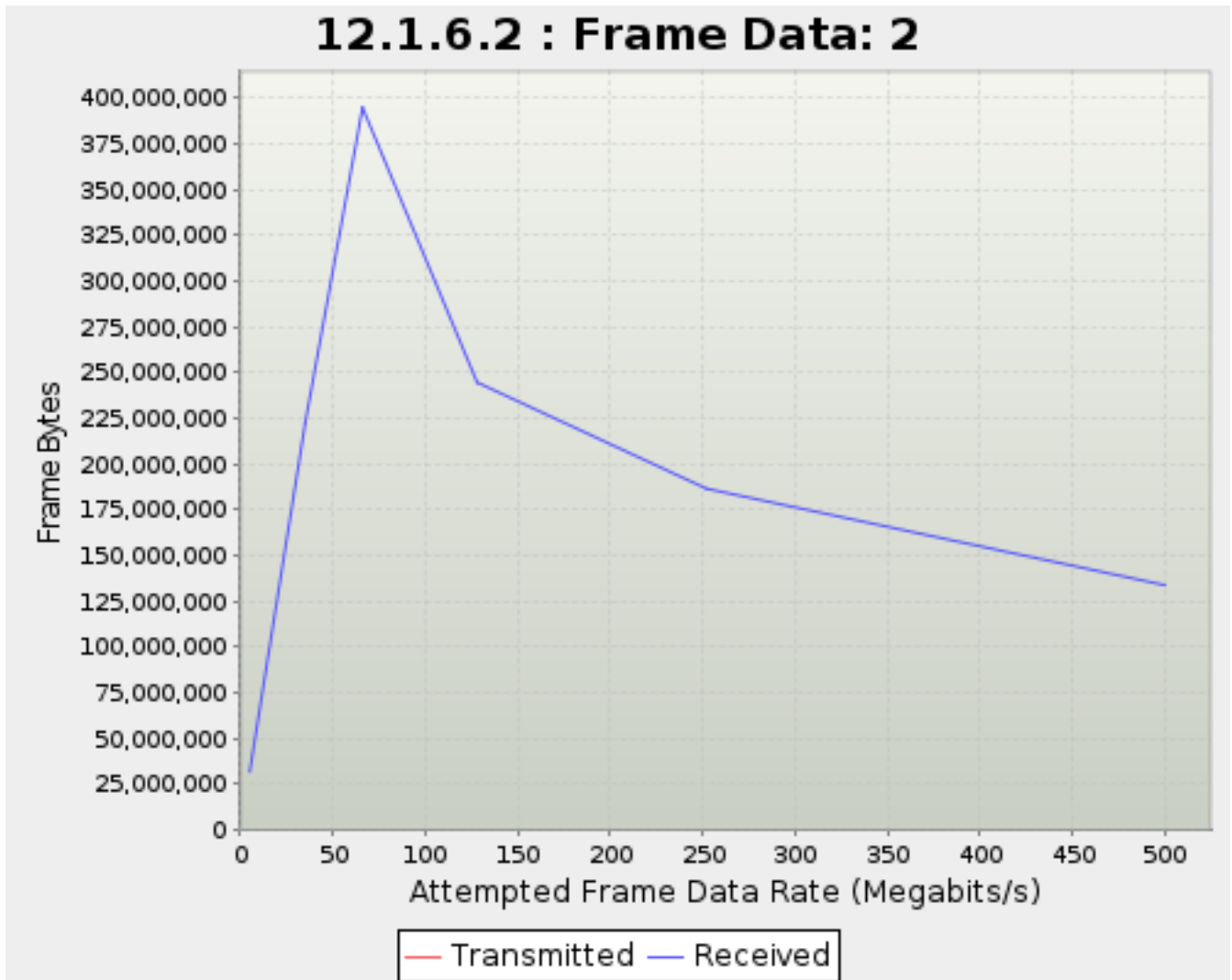
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	62.516	32,424,960	31,789,696
35	62.688	227,020,800	222,503,040
66	62.668	428,106,240	394,915,456
128	62.577	830,269,440	244,635,264
252	62.758	1,634,588,160	186,541,312
500	62.466	3,243,240,960	133,772,800

12.1.6.1. Frame Data: 1



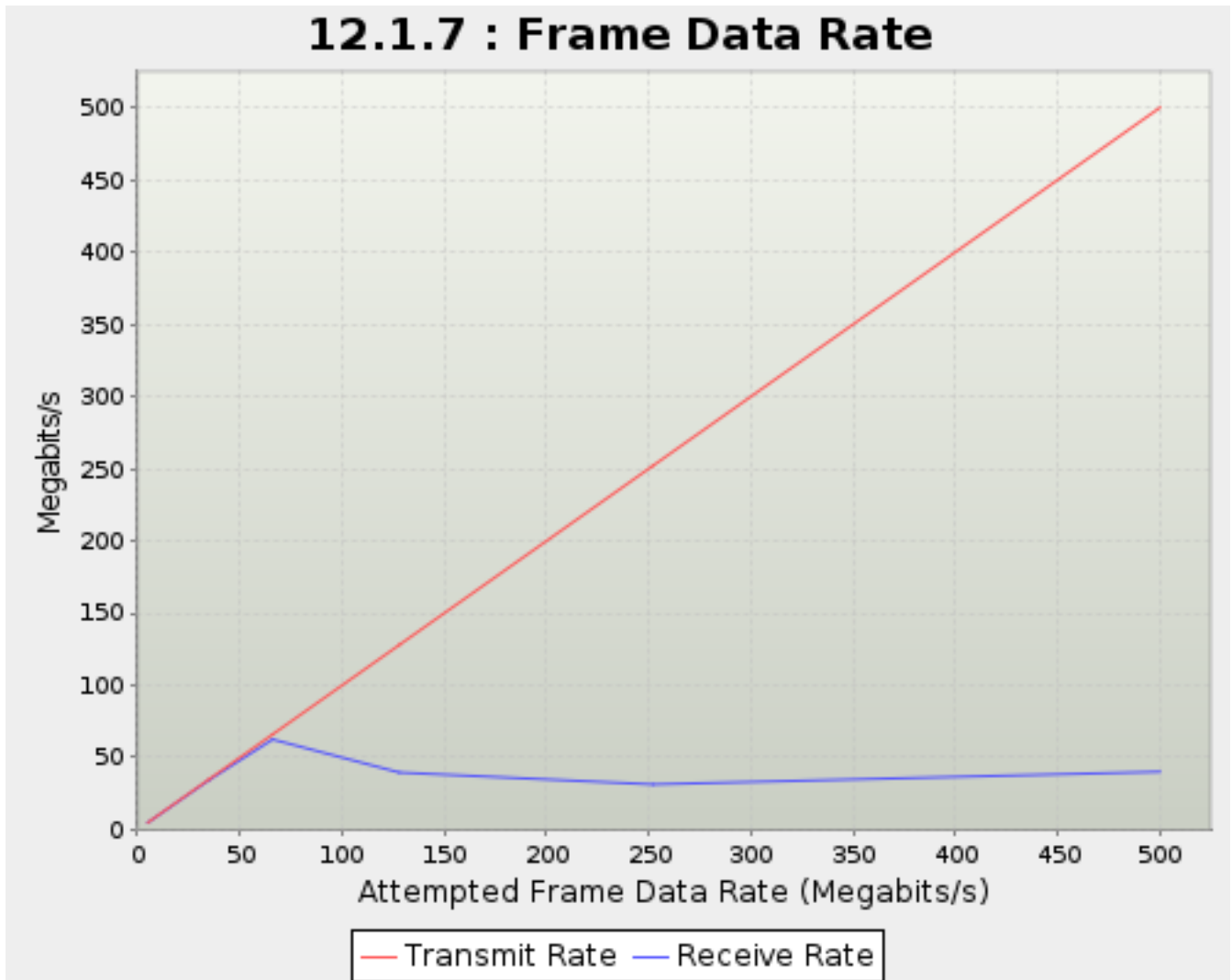
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	62.516	32,424,960	0
35	62.688	227,020,800	0
66	62.668	428,106,240	0
128	62.577	830,269,440	0
252	62.758	1,634,588,160	0
500	62.466	3,243,240,960	0

12.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	62.516	0	31,789,696
35	62.688	0	222,503,040
66	62.668	0	394,915,456
128	62.577	0	244,635,264
252	62.758	0	186,541,312
500	62.466	0	133,772,800

12.1.7. Frame Data Rate



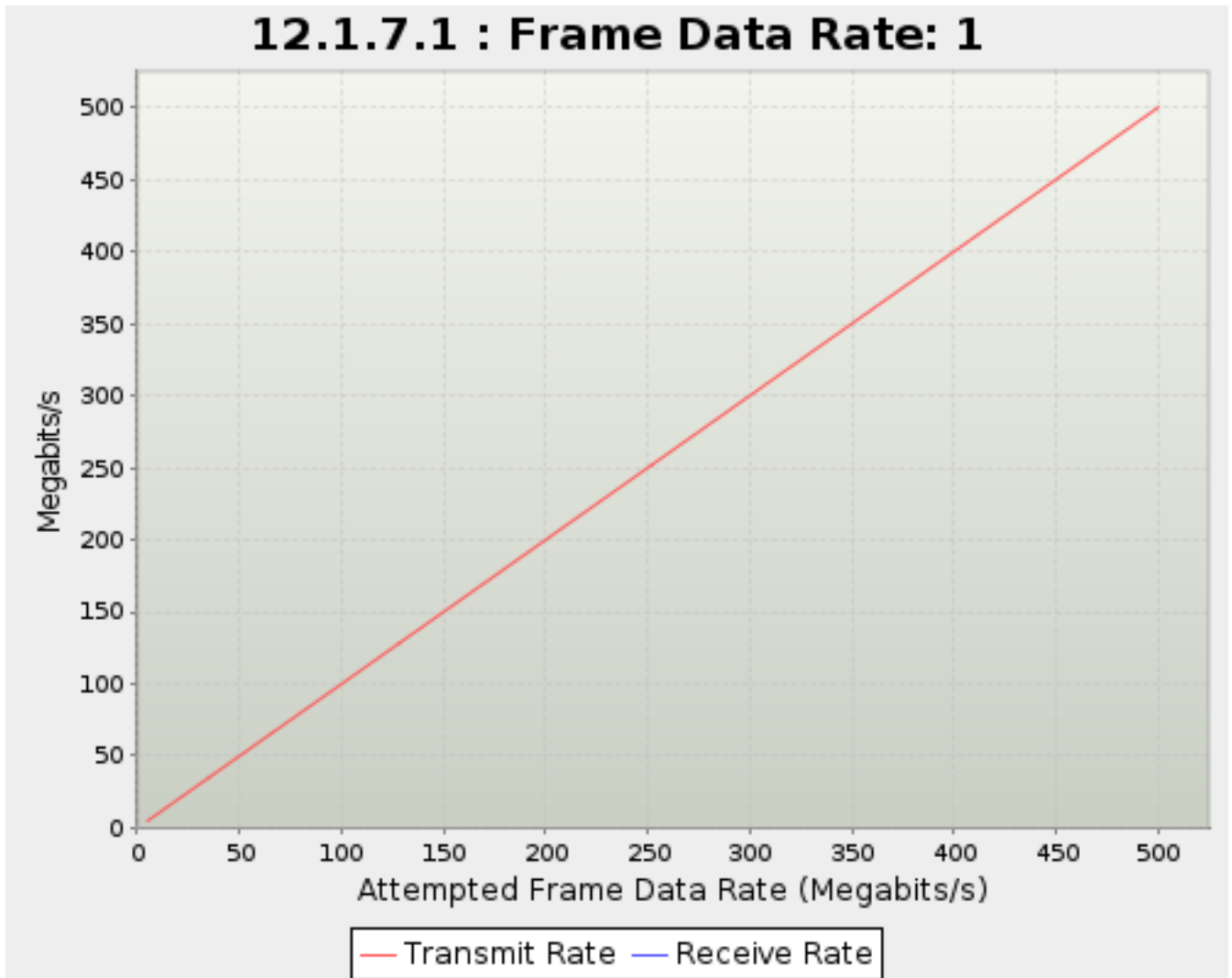
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	62.516	5.001	4.914
35	62.688	~35	34.47
66	62.668	~66	62.52
128	62.577	~128	39.63
252	62.758	~252	31.38
500	62.466	~500	40.11

12.1.7.1. Frame Data Rate: 1



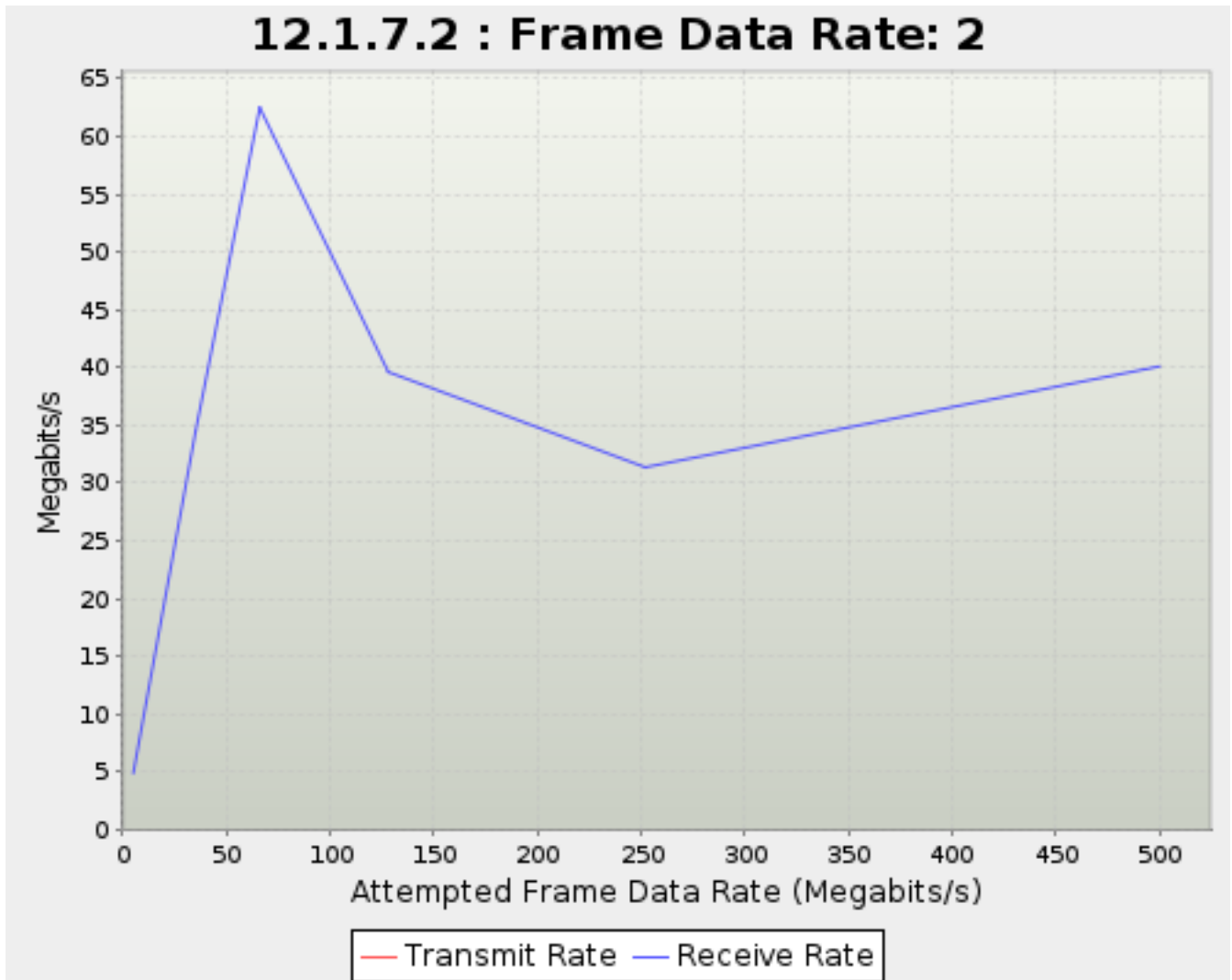
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	62.516	5.001	0
35	62.688	~35	0
66	62.668	~66	0
128	62.577	~128	0
252	62.758	~252	0
500	62.466	~500	0

12.1.7.2. Frame Data Rate: 2



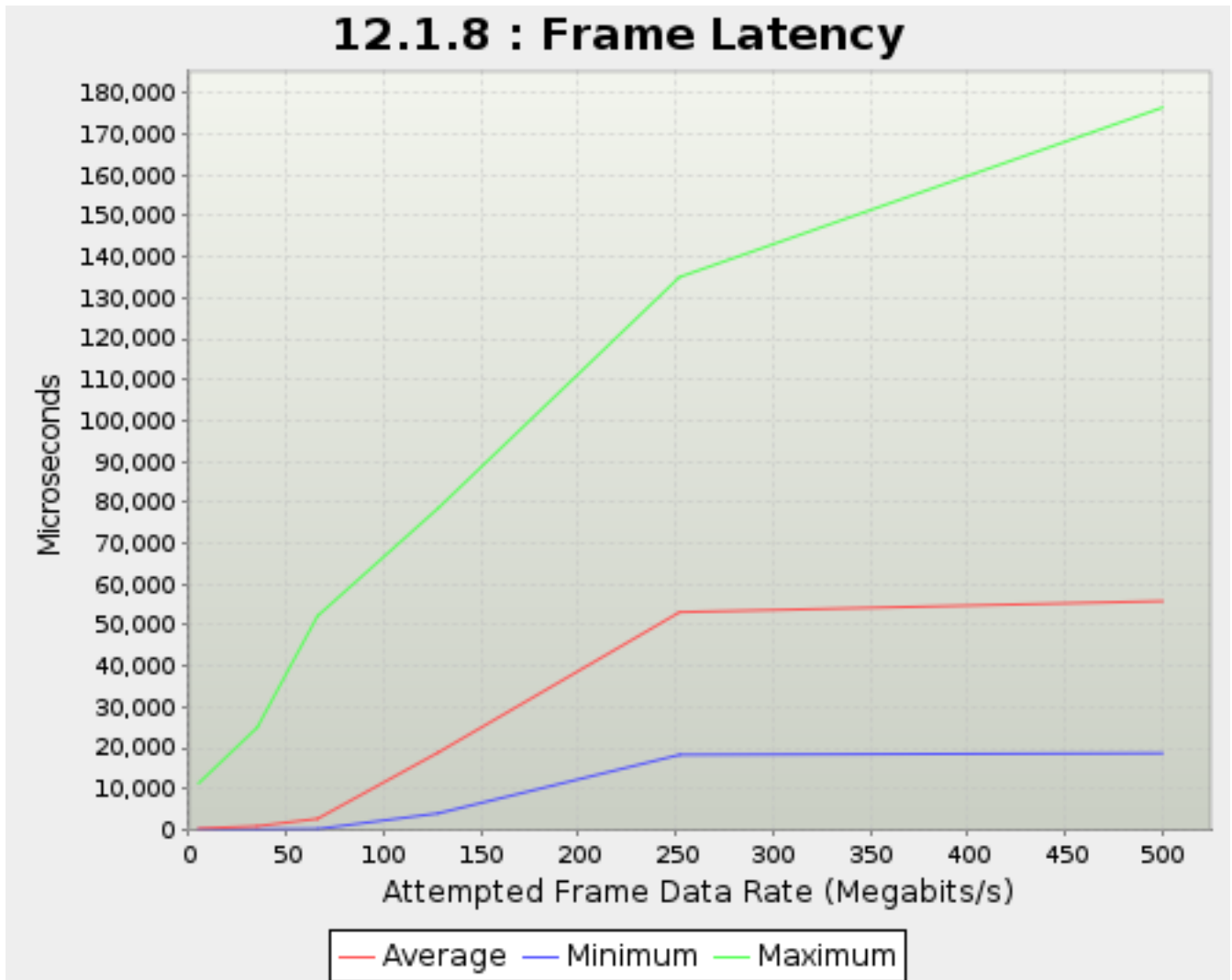
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

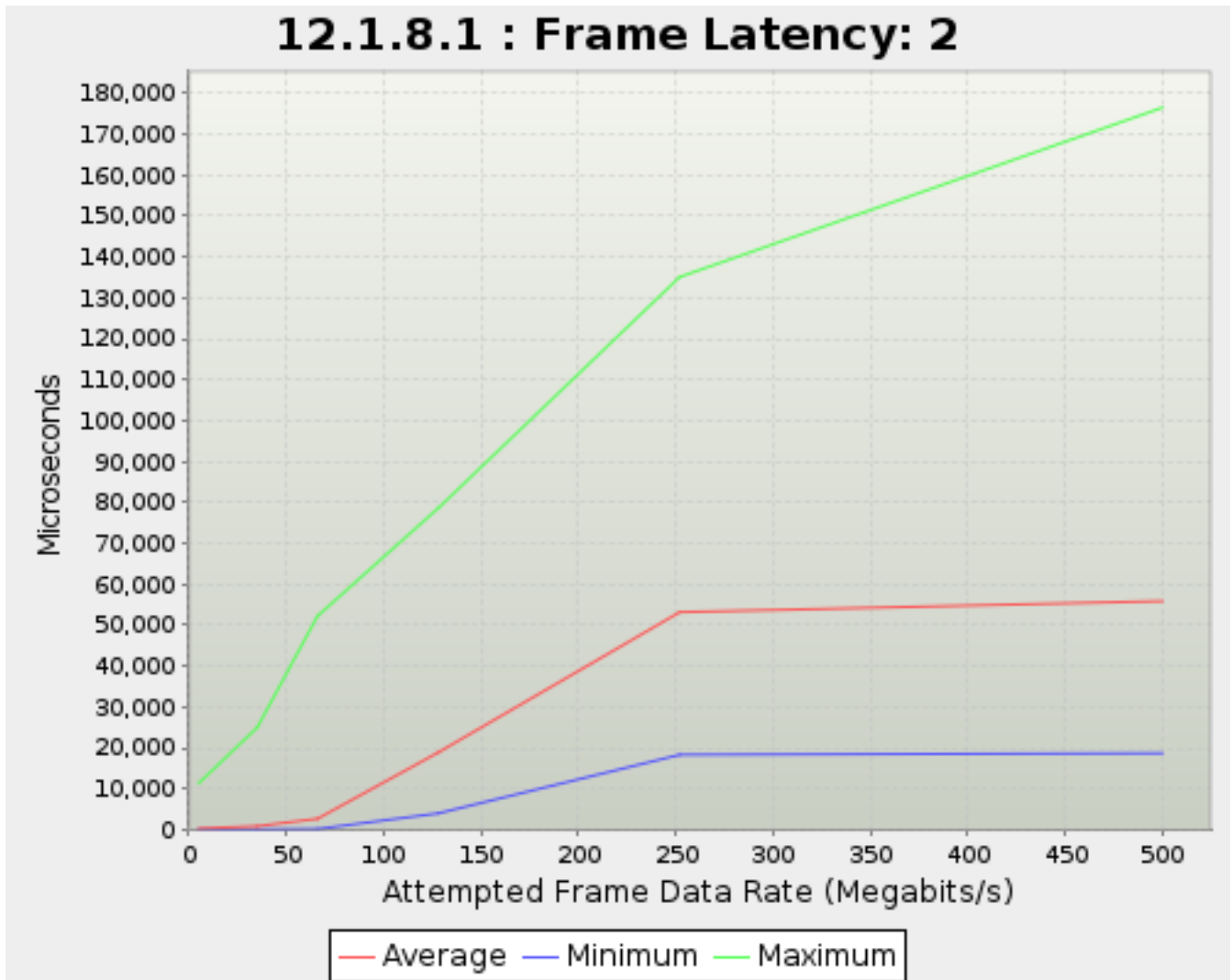
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	62.516	0	4.914
35	62.688	0	34.47
66	62.668	0	62.52
128	62.577	0	39.63
252	62.758	0	31.38
500	62.466	0	40.11

12.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
5	62.516	292.028	96.490	11,393.160
35	62.688	865.544	82.820	24,987.301
66	62.668	2,687.229	173.320	52,242.051
128	62.577	18,889.424	4,004.770	78,596.141
252	62.758	53,170.706	18,311.881	135,075.953
500	62.466	55,875.812	18,693.340	176,483.906

12.1.8.1. Frame Latency: 2

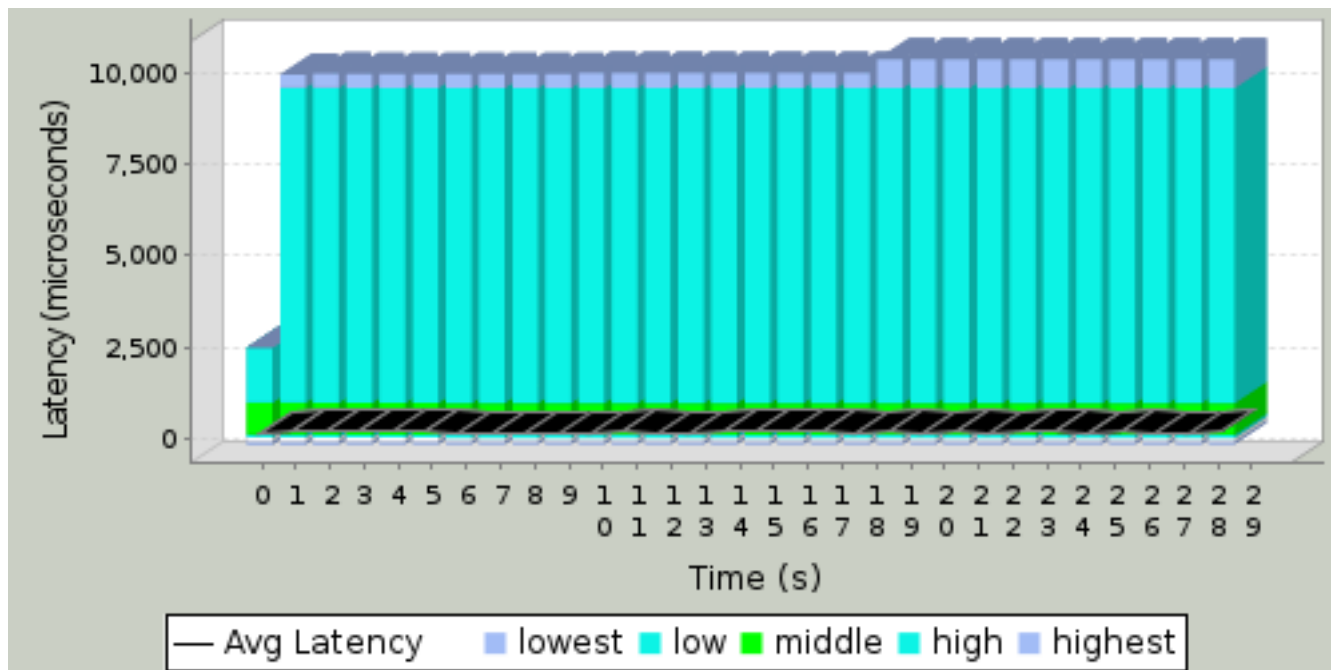


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
5	62.516	292.028	96.490	11,393.160
35	62.688	865.544	82.820	24,987.301
66	62.668	2,687.229	173.320	52,242.051
128	62.577	18,889.424	4,004.770	78,596.141
252	62.758	53,170.706	18,311.881	135,075.953
500	62.466	55,875.812	18,693.340	176,483.906

12.1.9. Frame Latency Distribution

This type of data can not be summarized, please view the detailed report sub-sections.

12.1.9.1. Frame Latency Distribution: 2



This chart shows latency ranges on the Y axis. The length of a colored bucket signifies its size relative to the total latency spread. It does not correspond to the number of packets.

The latency buckets are generated each second to an ideal normal curve, real packet latencies should be close but not exactly normal.

Buckets are generated as - bucket1 (dark blue): lowest 2.2%; bucket2 (light blue): low 13.7%; bucket3 (green): middle 68.2%; bucket4 (light blue): high 13.7%; bucket5 (dark blue): highest 2.2%

68.2% of packets sent during the interval (ideally) will be in the middle bucket (green).

Layer 2 and 3 tests on 1Gig blades do not support dynamic latency. These tests will have static 10,100,1000,10000,10000+ ms buckets.

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
			<i>microseconds</i>				<i>packets</i>					
5	0.262	208.040	108.410 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	1,047 98.680%	14 1.320%	0
5	1.250	253.113	107.610 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	5,078 98.583%	71 1.378%	2 0.039%
5	2.247	250.970	105.410 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	9,149 98.578%	128 1.379%	4 0.043%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
5	3.255	253.589	98.950 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.007%	13,247 98.469%	199 1.479%	6 0.045%	
5	4.252	293.998	98.950 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.006%	17,284 98.350%	281 1.599%	8 0.046%	
5	5.250	250.350	98.950 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.005%	21,363 98.384%	340 1.566%	10 0.046%	
5	6.248	248.242	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	6 0.023%	25,432 98.406%	395 1.528%	11 0.043%	
5	7.255	186.028	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	6 0.020%	29,589 98.581%	409 1.363%	11 0.037%	
5	8.273	236.588	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	6 0.018%	33,752 98.606%	459 1.341%	12 0.035%	
5	9.251	242.214	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	6 0.016%	37,742 98.605%	514 1.343%	14 0.037%	
5	10.248	247.305	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	6 0.014%	41,812 98.599%	572 1.349%	16 0.038%	
5	11.246	289.083	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	10 0.021%	45,819 98.459%	689 1.481%	18 0.039%	
5	12.253	238.093	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	10 0.020%	49,932 98.470%	747 1.473%	19 0.037%	
5	13.251	246.746	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	10 0.018%	53,998 98.468%	809 1.475%	21 0.038%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
	<i>microseconds</i>						<i>packets</i>					
5	14.249	263.069	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	10 0.017%	58,039 98.425%	896 1.519%	23 0.039%
5	15.246	276.367	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	10 0.016%	62,070 98.369%	994 1.575%	25 0.040%
5	16.254	303.322	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	15 0.022%	66,121 98.292%	1,107 1.646%	27 0.040%
5	17.251	269.127	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	16 0.022%	70,158 98.258%	1,200 1.681%	28 0.039%
5	18.249	244.869	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	16 0.021%	74,231 98.278%	1,255 1.662%	30 0.040%
5	19.247	266.753	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	16 0.020%	78,272 98.255%	1,340 1.682%	34 0.043%
5	20.345	238.935	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	16 0.019%	82,760 98.278%	1,398 1.660%	36 0.043%
5	21.252	252.674	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	17 0.019%	86,452 98.281%	1,457 1.656%	38 0.043%
5	22.250	244.268	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	17 0.018%	90,523 98.294%	1,514 1.644%	40 0.043%
5	23.247	251.091	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	17 0.018%	94,592 98.304%	1,572 1.634%	43 0.045%
5	24.255	251.577	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	17 0.017%	98,698 98.307%	1,638 1.632%	45 0.045%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
	<i>microseconds</i>						<i>packets</i>					
5	25.252	183.866	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	17 0.016%	102,814 98.360%	1,652 1.580%	45 0.043%
5	26.250	251.441	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	18 0.017%	106,873 98.357%	1,720 1.583%	47 0.043%
5	27.248	247.548	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	18 0.016%	110,942 98.363%	1,779 1.577%	49 0.043%
5	28.255	246.920	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	18 0.015%	115,055 98.371%	1,836 1.570%	51 0.044%
5	29.253	258.017	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	20 0.017%	119,105 98.361%	1,912 1.579%	53 0.044%
5	30.251	246.492	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	21 0.017%	123,175 98.367%	1,970 1.573%	54 0.043%
5	31.248	249.906	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	21 0.016%	127,248 98.374%	2,025 1.566%	57 0.044%
5	32.246	253.013	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.016%	131,310 98.374%	2,091 1.567%	58 0.043%
5	33.253	318.271	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.016%	135,367 98.339%	2,201 1.599%	64 0.046%
5	34.251	247.172	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.016%	139,439 98.345%	2,258 1.593%	66 0.047%
5	35.249	245.825	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.015%	143,515 98.356%	2,308 1.582%	69 0.047%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
5	36.246	240.625	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.015%	147,591 98.364%	2,362 1.574%	70 0.047%	
5	37.254	246.076	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.014%	151,705 98.371%	2,418 1.568%	72 0.047%	
5	38.252	247.711	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.014%	155,775 98.376%	2,476 1.564%	74 0.047%	
5	39.249	256.962	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.014%	159,827 98.369%	2,552 1.571%	76 0.047%	
5	40.247	251.211	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.013%	163,888 98.368%	2,619 1.572%	78 0.047%	
5	41.254	255.782	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.013%	167,983 98.363%	2,694 1.577%	80 0.047%	
5	42.252	294.979	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.013%	171,997 98.334%	2,810 1.607%	82 0.047%	
5	43.250	185.614	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.012%	176,113 98.365%	2,824 1.577%	82 0.046%	
5	44.247	247.880	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	22 0.012%	180,176 98.364%	2,891 1.578%	84 0.046%	
5	45.255	255.704	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	25 0.013%	184,267 98.358%	2,966 1.583%	86 0.046%	
5	46.253	247.317	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	29 0.015%	188,333 98.360%	3,023 1.579%	89 0.046%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
5	47.250	268.216	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	29 0.015%	192,378 98.350%	3,105 1.587%	93 0.048%	
5	48.268	286.805	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	29 0.015%	196,443 98.311%	3,253 1.628%	93 0.047%	
5	49.255	303.796	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	29 0.014%	200,404 98.283%	3,373 1.654%	100 0.049%	
5	50.253	249.877	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	29 0.014%	204,474 98.287%	3,431 1.649%	103 0.050%	
5	51.251	248.324	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	29 0.014%	208,545 98.293%	3,488 1.644%	105 0.049%	
5	52.248	262.613	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	29 0.013%	212,595 98.289%	3,566 1.649%	106 0.049%	
5	53.256	249.565	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	31 0.014%	216,706 98.293%	3,624 1.644%	108 0.049%	
5	54.253	250.095	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	32 0.014%	220,775 98.297%	3,682 1.639%	110 0.049%	
5	55.251	241.874	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	32 0.014%	224,859 98.308%	3,725 1.629%	112 0.049%	
5	56.259	264.194	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	32 0.014%	228,950 98.304%	3,805 1.634%	114 0.049%	
5	57.246	300.926	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	32 0.014%	232,938 98.291%	3,903 1.647%	116 0.049%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
5	58.254	273.153	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	32 0.013%	237,014 98.280%	3,997 1.657%	118 0.049%	
5	59.252	254.769	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	32 0.013%	241,083 98.284%	4,053 1.652%	123 0.050%	
5	62.516	187.726	96.490 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	32 0.013%	244,135 98.300%	4,067 1.638%	123 0.050%	
35	0.353	864.914	132.510 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	0	9,191 91.626%	565 5.633%	275 2.742%	
35	1.340	371.379	85.980 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	231 0.598%	36,016 93.180%	2,120 5.485%	285 0.737%	
35	2.338	368.648	85.980 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	262 0.388%	63,665 94.232%	3,334 4.935%	301 0.446%	
35	3.335	394.720	85.980 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	278 0.288%	91,163 94.494%	4,719 4.891%	315 0.327%	
35	4.343	424.143	85.980 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	278 0.221%	119,208 94.851%	5,859 4.662%	334 0.266%	
35	5.341	529.848	85.980 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	289 0.187%	146,122 94.522%	7,834 5.068%	346 0.224%	
35	6.338	345.367	85.980 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	336 0.183%	174,027 94.836%	8,782 4.786%	359 0.196%	
35	7.336	318.651	83.900 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	438 0.206%	201,606 94.911%	10,013 4.714%	359 0.169%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds								packets				
35	8.344	466.274	83.900 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	438 0.181%	228,704 94.655%	12,098 5.007%	379 0.157%
35	9.341	481.790	83.900 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	438 0.162%	255,426 94.417%	14,273 5.276%	393 0.145%
35	10.339	465.720	83.900 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	438 0.146%	282,355 94.297%	16,231 5.421%	408 0.136%
35	11.336	502.102	83.900 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	532 0.162%	309,528 94.267%	17,803 5.422%	490 0.149%
35	12.334	344.317	83.900 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	600 0.168%	337,393 94.437%	18,771 5.254%	502 0.141%
35	13.342	341.485	83.900 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	656 0.170%	365,567 94.592%	19,731 5.105%	515 0.133%
35	14.339	755.659	83.900 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	726 0.175%	391,261 94.194%	22,364 5.384%	1,029 0.248%
35	15.337	356.243	83.900 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	728 0.164%	419,088 94.327%	23,438 5.275%	1,038 0.234%
35	16.334	420.653	83.900 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	741 0.157%	446,150 94.282%	25,264 5.339%	1,051 0.222%
35	17.342	302.775	83.900 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1,011 0.201%	473,992 94.343%	26,350 5.245%	1,058 0.211%
35	18.340	402.945	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1,235 0.232%	501,562 94.399%	27,452 5.167%	1,070 0.201%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
35	19.337	392.199	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,235 0.220%	529,143 94.451%	28,772 5.136%	1,082 0.193%	
35	20.335	381.732	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,235 0.210%	556,772 94.505%	30,041 5.099%	1,097 0.186%	
35	21.343	498.387	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,235 0.200%	584,091 94.460%	31,908 5.160%	1,113 0.180%	
35	22.340	428.763	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,235 0.191%	611,385 94.458%	33,505 5.176%	1,134 0.175%	
35	23.338	477.516	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,246 0.184%	638,231 94.389%	35,535 5.255%	1,160 0.172%	
35	24.335	464.194	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,329 0.188%	665,311 94.360%	37,262 5.285%	1,178 0.167%	
35	25.343	476.319	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,330 0.181%	692,521 94.312%	39,239 5.344%	1,194 0.163%	
35	26.341	457.615	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,330 0.174%	719,720 94.303%	40,921 5.362%	1,225 0.161%	
35	27.338	505.228	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,330 0.168%	746,909 94.294%	42,545 5.371%	1,323 0.167%	
35	28.336	397.863	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,330 0.162%	774,170 94.293%	44,187 5.382%	1,335 0.163%	
35	29.344	405.926	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,330 0.156%	802,096 94.339%	45,366 5.336%	1,433 0.169%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
35	30.341	449.113	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,330 <i>0.151%</i>	829,583 <i>94.364%</i>	46,764 <i>5.319%</i>	1,458 <i>0.166%</i>	
35	31.339	351.556	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,369 <i>0.151%</i>	857,597 <i>94.444%</i>	47,594 <i>5.241%</i>	1,485 <i>0.164%</i>	
35	32.336	871.983	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,371 <i>0.146%</i>	883,830 <i>94.340%</i>	49,561 <i>5.290%</i>	2,094 <i>0.224%</i>	
35	33.334	560.942	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,412 <i>0.146%</i>	910,949 <i>94.324%</i>	51,057 <i>5.287%</i>	2,350 <i>0.243%</i>	
35	34.342	744.576	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,418 <i>0.143%</i>	937,020 <i>94.175%</i>	54,084 <i>5.436%</i>	2,453 <i>0.247%</i>	
35	35.339	220.319	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,638 <i>0.160%</i>	965,001 <i>94.262%</i>	54,654 <i>5.339%</i>	2,453 <i>0.240%</i>	
35	36.367	340.571	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,718 <i>0.163%</i>	993,589 <i>94.298%</i>	55,903 <i>5.306%</i>	2,463 <i>0.234%</i>	
35	37.335	438.118	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,787 <i>0.165%</i>	1,020,159 <i>94.310%</i>	57,280 <i>5.295%</i>	2,485 <i>0.230%</i>	
35	38.342	473.467	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,787 <i>0.161%</i>	1,047,621 <i>94.303%</i>	58,997 <i>5.311%</i>	2,510 <i>0.226%</i>	
35	39.340	429.530	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,787 <i>0.157%</i>	1,075,225 <i>94.339%</i>	60,201 <i>5.282%</i>	2,529 <i>0.222%</i>	
35	40.337	431.348	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,788 <i>0.153%</i>	1,102,811 <i>94.359%</i>	61,591 <i>5.270%</i>	2,546 <i>0.218%</i>	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
35	41.335	717.231	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,792 <i>0.150%</i>	1,129,987 <i>94.372%</i>	62,543 <i>5.223%</i>	3,047 <i>0.254%</i>	
35	42.343	452.342	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,834 <i>0.150%</i>	1,157,141 <i>94.334%</i>	64,606 <i>5.267%</i>	3,062 <i>0.250%</i>	
35	43.340	337.589	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,852 <i>0.148%</i>	1,185,165 <i>94.394%</i>	65,467 <i>5.214%</i>	3,073 <i>0.245%</i>	
35	44.338	566.567	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,887 <i>0.147%</i>	1,212,139 <i>94.369%</i>	67,138 <i>5.227%</i>	3,306 <i>0.257%</i>	
35	45.336	381.805	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,887 <i>0.144%</i>	1,239,996 <i>94.413%</i>	68,066 <i>5.183%</i>	3,430 <i>0.261%</i>	
35	46.343	323.859	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,887 <i>0.141%</i>	1,268,567 <i>94.487%</i>	68,684 <i>5.116%</i>	3,446 <i>0.257%</i>	
35	47.341	424.595	83.080 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,920 <i>0.140%</i>	1,296,060 <i>94.500%</i>	70,053 <i>5.108%</i>	3,462 <i>0.252%</i>	
35	48.338	546.791	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	2,040 <i>0.146%</i>	1,322,298 <i>94.422%</i>	72,488 <i>5.176%</i>	3,583 <i>0.256%</i>	
35	49.336	562.048	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	2,042 <i>0.143%</i>	1,348,713 <i>94.361%</i>	74,957 <i>5.244%</i>	3,606 <i>0.252%</i>	
35	50.344	707.027	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	2,042 <i>0.140%</i>	1,375,829 <i>94.332%</i>	76,425 <i>5.240%</i>	4,199 <i>0.288%</i>	
35	51.341	396.200	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	2,042 <i>0.137%</i>	1,403,366 <i>94.350%</i>	77,782 <i>5.229%</i>	4,217 <i>0.284%</i>	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
35	52.339	442.757	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 0	0	2,046 0.135%	1,430,748 94.357%	79,287 5.229%	4,238 0.279%
35	53.337	328.003	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 0	0	2,171 0.141%	1,458,228 94.373%	80,541 5.212%	4,238 0.274%
35	54.334	521.349	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 0	0	2,181 0.139%	1,484,776 94.323%	82,925 5.268%	4,259 0.271%
35	55.352	363.756	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 0	0	2,181 0.136%	1,513,188 94.360%	83,992 5.238%	4,277 0.267%
35	56.339	518.095	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 0	0	2,247 0.138%	1,539,880 94.341%	85,825 5.258%	4,304 0.264%
35	57.337	519.046	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 0	0	2,341 0.141%	1,566,775 94.318%	87,647 5.276%	4,405 0.265%
35	58.335	473.345	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 0	0	2,341 0.139%	1,593,715 94.298%	89,593 5.301%	4,429 0.262%
35	59.342	367.082	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 0	0	2,351 0.137%	1,622,070 94.346%	90,416 5.259%	4,447 0.259%
35	62.688	1,361.818	82.820 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 0	0	2,351 0.135%	1,638,590 94.264%	91,752 5.278%	5,612 0.323%
66	0.333	2,742.352	210.640 <= <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 0	0	0	11,475 70.313%	3,251 19.920%	1,594 9.767%
66	1.330	1,870.296	190.020 <= <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 0	0	0	54,155 80.099%	8,348 12.347%	5,107 7.554%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	2.328	1,943.504	185.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	95,271 80.261%	15,155 12.767%	8,275 6.971%	
66	3.325	1,935.808	185.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	136,883 80.474%	21,546 12.667%	11,666 6.859%	
66	4.323	1,495.638	185.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	180,725 81.432%	27,385 12.339%	13,824 6.229%	
66	5.331	1,884.639	185.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	222,695 81.153%	35,210 12.831%	16,508 6.016%	
66	6.328	1,861.020	185.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	265,150 81.407%	40,381 12.398%	20,178 6.195%	
66	7.326	2,058.105	179.260 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	305,134 80.933%	48,593 12.889%	23,292 6.178%	
66	8.323	2,508.910	179.260 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	340,027 79.456%	60,670 14.177%	27,245 6.367%	
66	9.321	1,859.276	179.260 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	382,626 79.837%	65,930 13.757%	30,700 6.406%	
66	10.329	1,973.829	179.260 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	423,948 79.848%	73,059 13.760%	33,939 6.392%	
66	11.326	1,896.367	179.260 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	466,290 80.082%	78,368 13.459%	37,605 6.458%	
66	12.324	1,845.200	179.260 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	508,847 80.306%	83,651 13.202%	41,136 6.492%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	13.322	2,028.016	179.260 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	548,730 80.112%	91,682 13.385%	44,545 6.503%	
66	14.329	1,861.172	179.260 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	591,660 80.299%	97,101 13.178%	48,056 6.522%	
66	15.327	2,065.717	178.170 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	631,449 80.130%	105,032 13.328%	51,553 6.542%	
66	16.324	2,043.719	178.170 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	673,668 80.317%	109,706 13.080%	55,387 6.603%	
66	17.322	1,639.558	178.170 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	719,403 80.855%	112,705 12.667%	57,633 6.478%	
66	18.330	1,940.053	178.170 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	762,001 80.960%	118,260 12.565%	60,940 6.475%	
66	19.327	1,294.798	178.170 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	808,113 81.309%	123,066 12.382%	62,697 6.308%	
66	20.325	2,027.685	178.170 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	847,762 81.117%	131,463 12.579%	65,891 6.305%	
66	21.323	1,837.082	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	890,703 81.244%	136,539 12.454%	69,094 6.302%	
66	22.330	2,447.647	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	927,114 80.790%	147,553 12.858%	72,888 6.352%	
66	23.328	1,882.450	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	965,472 80.539%	157,846 13.167%	75,448 6.294%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	24.325	1,667.885	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,008,374 80.641%	163,510 13.076%	78,567 6.283%	
66	25.323	1,654.303	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,052,994 80.841%	168,134 12.908%	81,418 6.251%	
66	26.331	1,840.329	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,096,645 80.941%	173,314 12.792%	84,907 6.267%	
66	27.328	2,027.328	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,136,770 80.835%	181,303 12.892%	88,212 6.273%	
66	28.326	2,001.489	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,176,017 80.680%	189,960 13.032%	91,659 6.288%	
66	29.323	2,044.739	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,215,751 80.576%	198,482 13.155%	94,601 6.270%	
66	30.331	2,313.858	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,252,669 80.282%	209,343 13.417%	98,323 6.301%	
66	31.329	1,880.086	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,294,675 80.332%	215,194 13.352%	101,780 6.315%	
66	32.326	2,181.538	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,333,803 80.226%	223,444 13.440%	105,308 6.334%	
66	33.324	2,855.569	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,363,670 79.624%	241,007 14.072%	107,970 6.304%	
66	34.342	2,031.163	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,402,935 79.447%	252,006 14.271%	110,936 6.282%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
			<i>microseconds</i>					<i>packets</i>					
66	35.329	2,012.804	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,443,902 79.481%	257,996 14.202%	114,769 6.318%	
66	36.327	1,898.483	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,487,010 79.613%	262,298 14.043%	118,500 6.344%	
66	37.324	1,737.147	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,532,186 79.852%	265,379 13.831%	121,227 6.318%	
66	38.322	1,808.382	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,575,484 79.983%	270,818 13.749%	123,471 6.268%	
66	39.330	2,095.355	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,614,724 79.888%	279,888 13.847%	126,627 6.265%	
66	40.327	2,025.956	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,655,219 79.853%	287,299 13.860%	130,325 6.287%	
66	41.325	2,013.960	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,694,594 79.776%	295,823 13.926%	133,777 6.298%	
66	42.323	1,832.016	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,737,616 79.873%	300,822 13.828%	137,042 6.299%	
66	43.330	1,867.884	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,780,753 79.951%	305,921 13.735%	140,639 6.314%	
66	44.328	2,096.095	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,820,369 79.891%	314,047 13.783%	144,140 6.326%	
66	45.325	1,865.903	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,863,422 79.984%	318,836 13.685%	147,499 6.331%	

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
66	46.323	2,274.757	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,900,163 79.812%	330,243 13.871%	150,380 6.316%
66	47.331	1,841.966	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,943,379 79.893%	335,267 13.783%	153,845 6.325%
66	48.328	1,212.327	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,989,864 80.083%	339,457 13.662%	155,432 6.255%
66	49.326	2,382.026	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,027,170 79.930%	349,695 13.788%	159,321 6.282%
66	50.324	2,273.583	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,063,818 79.764%	361,297 13.964%	162,276 6.272%
66	51.331	1,895.134	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,106,724 79.822%	366,554 13.888%	165,989 6.289%
66	52.329	1,806.140	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,149,291 79.882%	372,186 13.833%	169,090 6.285%
66	53.326	2,214.993	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,186,900 79.765%	382,388 13.947%	172,392 6.288%
66	54.324	2,638.357	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,221,374 79.550%	395,358 14.158%	175,678 6.291%
66	55.322	2,116.917	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,261,255 79.523%	403,222 14.180%	179,061 6.297%
66	56.329	1,797.983	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,304,705 79.600%	408,347 14.103%	182,313 6.297%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds						packets						
66	57.327	1,809.232	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,349,197 79.731%	411,091 13.952%	186,111 6.317%
66	58.325	2,038.784	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,389,826 79.740%	418,616 13.968%	188,595 6.293%
66	59.322	2,100.436	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,430,859 79.760%	424,494 13.928%	192,376 6.312%
66	62.668	714.913	173.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,463,426 79.845%	429,475 13.920%	192,376 6.235%
128	0.292	22,859.015	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	5 0.071%	7,060 99.929%
128	1.280	18,757.438	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	5 0.013%	39,577 99.987%
128	2.287	20,777.378	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	305 0.435%	69,863 99.565%
128	3.285	19,380.089	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	305 0.299%	101,553 99.701%
128	4.283	19,523.223	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	305 0.229%	132,987 99.771%
128	5.280	19,366.851	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	305 0.185%	164,683 99.815%
128	6.288	19,357.765	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	484 0.246%	196,481 99.754%

Attempted Frame Data Rate	Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
		<i>microseconds</i>						<i>packets</i>					
128	7.286	19,411.955	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	0	0	484 0.212%	228,114 99.788%	
128	8.283	19,620.424	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	0	0	484 0.186%	259,367 99.814%	
128	9.281	19,340.208	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	0	0	484 0.166%	290,938 99.834%	
128	10.278	18,859.153	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	0	0	484 0.149%	323,637 99.851%	
128	11.286	19,488.402	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	0	0	484 0.136%	355,445 99.864%	
128	12.284	19,233.906	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	0	0	484 0.125%	387,302 99.875%	
128	13.281	19,373.417	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	0	0	484 0.115%	418,836 99.885%	
128	14.279	19,688.829	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	0	0	484 0.107%	449,838 99.893%	
128	15.287	19,031.363	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	0	0	484 0.100%	482,461 99.900%	
128	16.284	19,135.162	4004.770 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	0	0	484 0.094%	514,523 99.906%	

*Note: Max rows reached. Export to csv or zip to view all

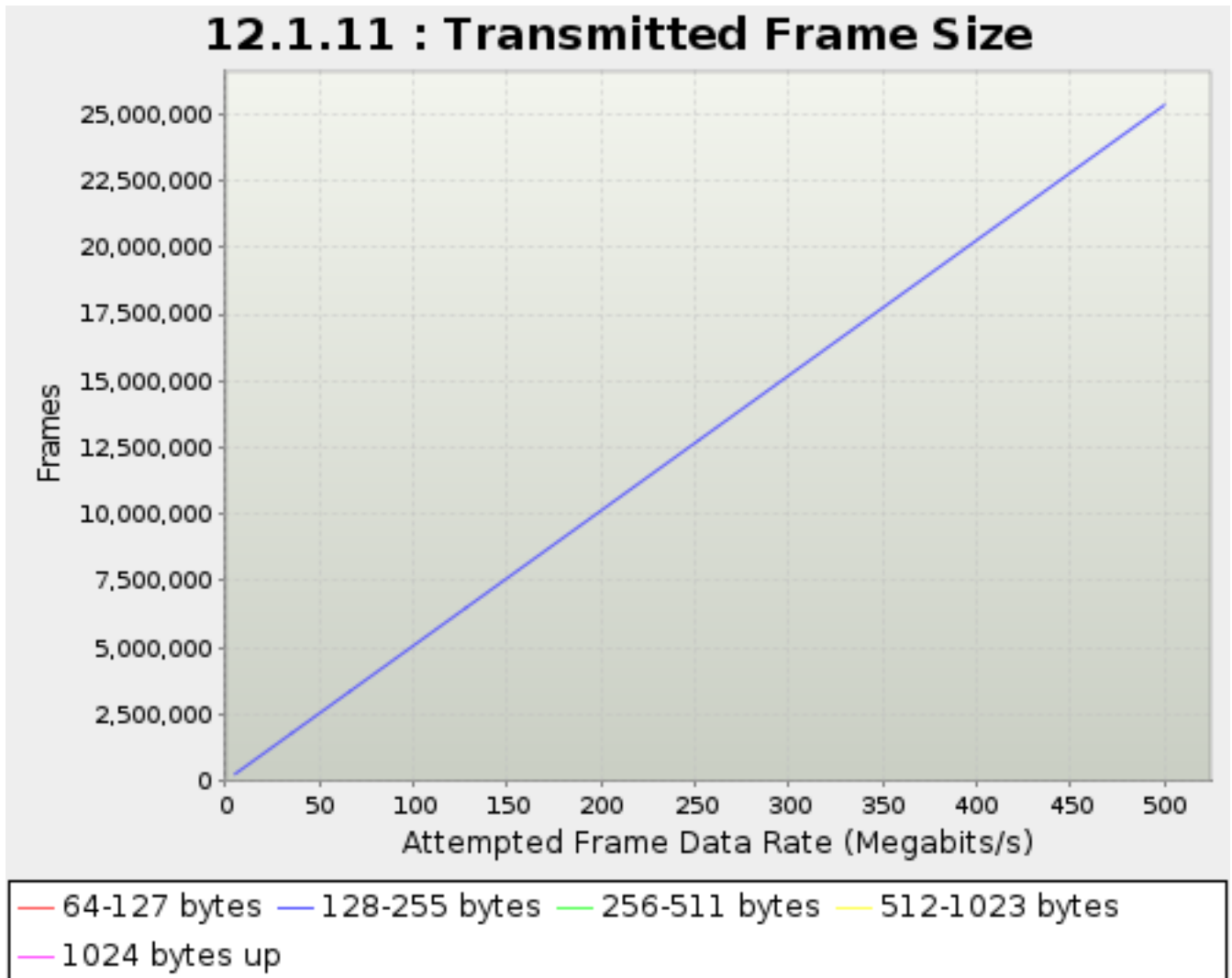
12.1.10. Component Summary

Attempted Frame Data Rate	Frames transmitted	Frames received	Frame bytes transmitted	Frame bytes received
	<i>Frames</i>		<i>Frame bytes</i>	
5	253,320	248,357 98.041%	32,424,960	31,789,696 98.041%
35	1,773,600	1,738,305 98.010%	227,020,800	222,503,040 98.010%
66	3,344,580	3,085,277 92.247%	428,106,240	394,915,456 92.247%
128	6,486,480	1,911,213 29.465%	830,269,440	244,635,264 29.465%
252	12,770,220	1,457,354 11.412%	1,634,588,160	186,541,312 11.412%
500	25,337,820	1,045,100 4.125%	3,243,240,960	133,772,800 4.125%

Attempted Frame Data Rate	Maximum frame transmit rate	Maximum frame receive rate	Maximum frame data transmit rate	Maximum frame data receive rate
	<i>Frames/s</i>		<i>Megabits/s</i>	
5	~4224	~4150	5.001	4.914
35	~29560	~29120	~35	34.47
66	~55740	~52800	~66	62.52
128	~108100	~33470	~128	39.63
252	~212800	~26500	~252	31.38
500	~422300	~33870	~500	40.11

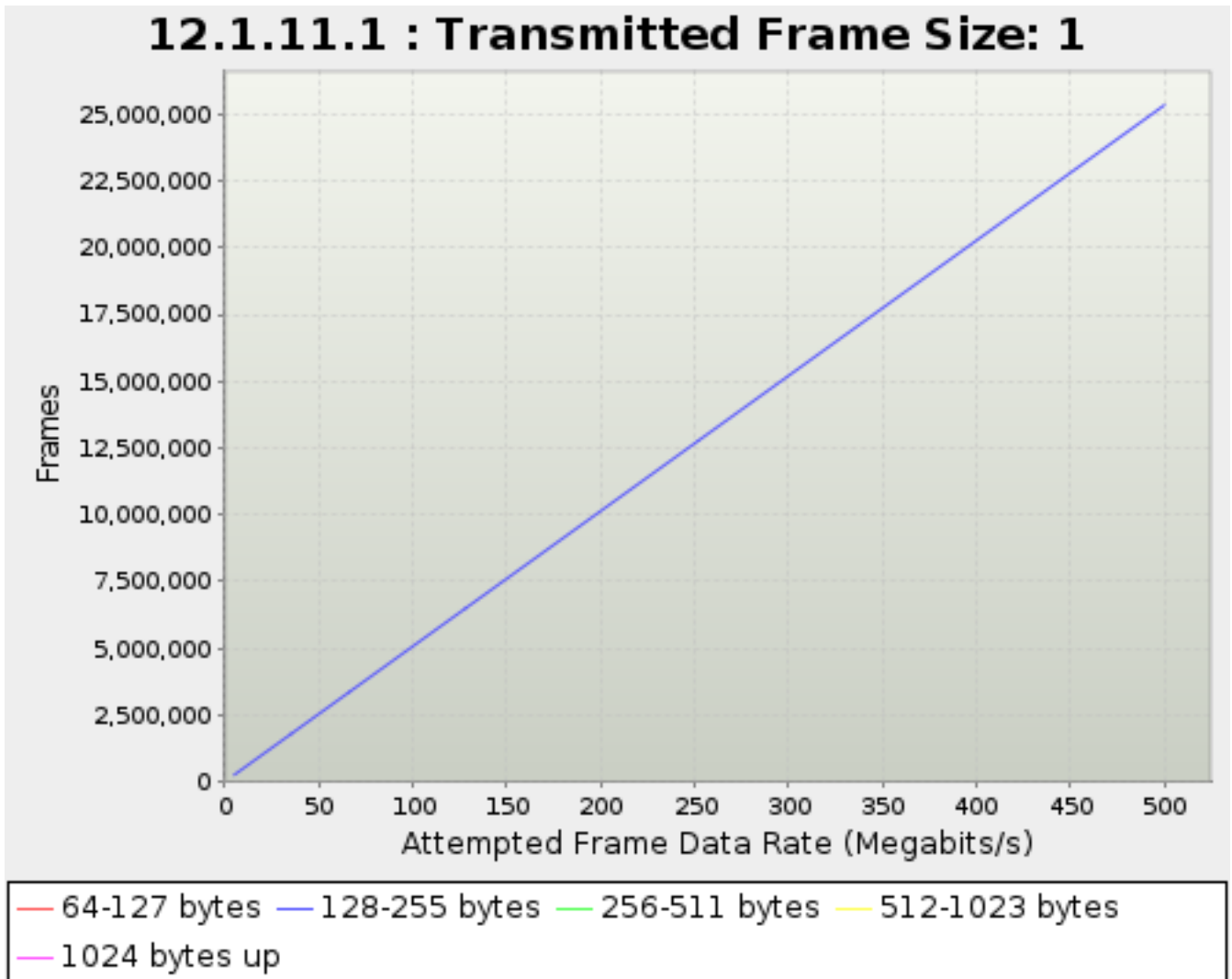
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
5	0	4,966	0	0	64	4,963	0	0
35	0	35,059	0	0	64	35,295	0	0
66	0	98,546	0	0	64	259,303	0	0
128	0	541,857	0	0	64	4,575,267	0	0
252	0	491,855	0	0	64	11,312,866	0	0
500	0	413,874	0	0	64	24,292,720	0	0

12.1.11. Transmitted Frame Size



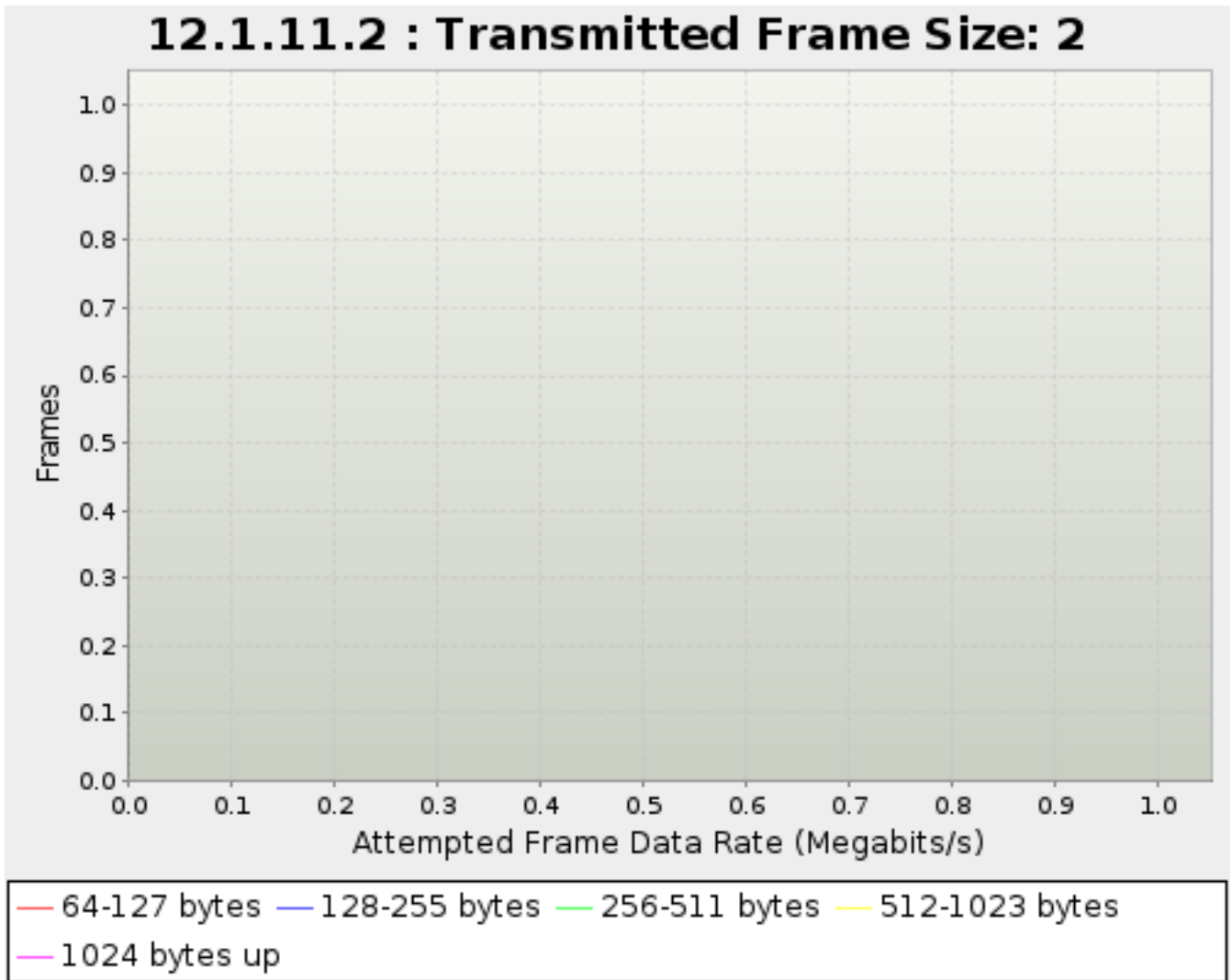
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
5	62.516	0	253,320	0	0	0
35	62.688	0	1,773,600	0	0	0
66	62.668	0	3,344,580	0	0	0
128	62.577	0	6,486,480	0	0	0
252	62.758	0	12,770,220	0	0	0
500	62.466	0	25,337,820	0	0	0

12.1.11.1. Transmitted Frame Size: 1



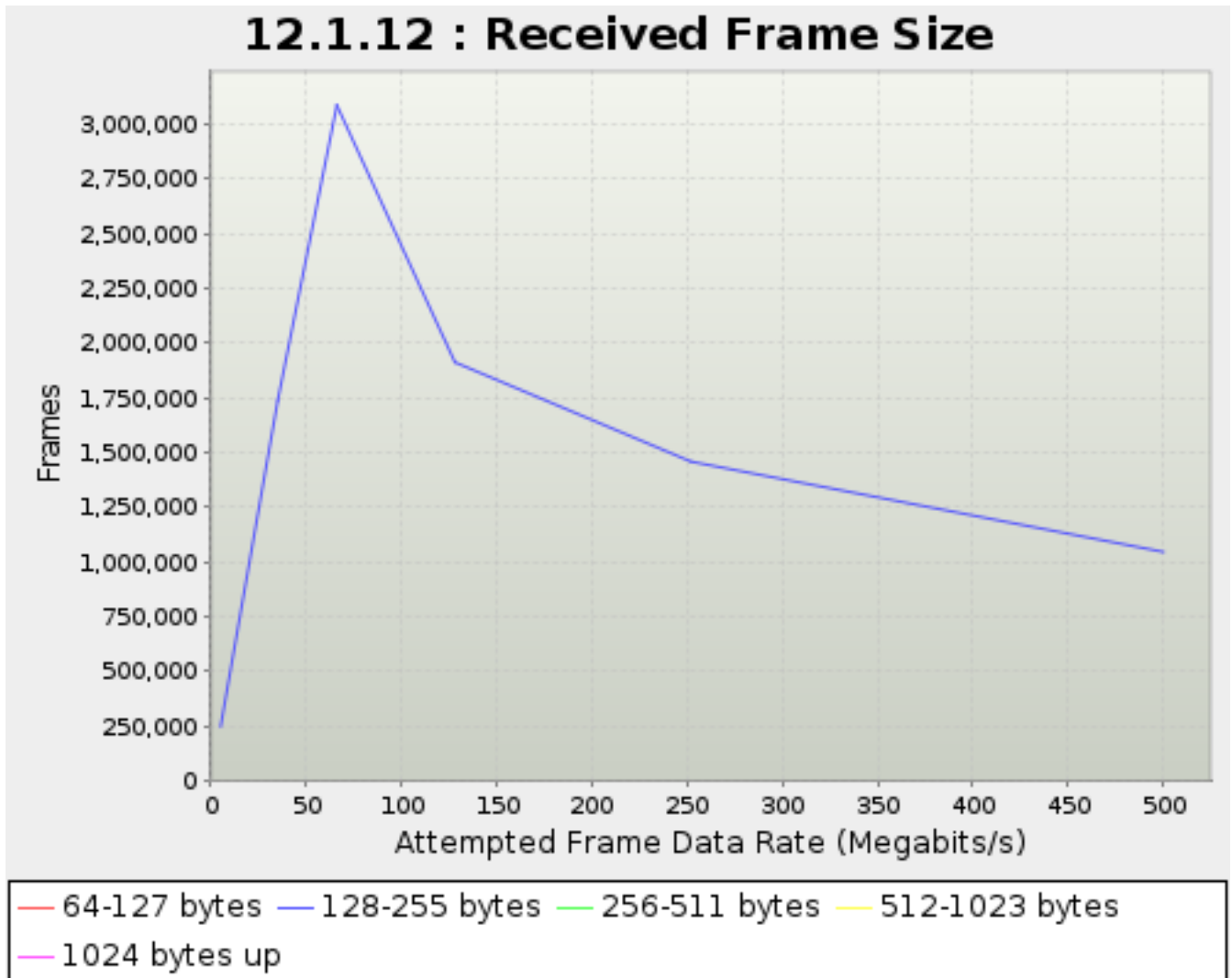
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
5	62.516	0	253,320	0	0	0
35	62.688	0	1,773,600	0	0	0
66	62.668	0	3,344,580	0	0	0
128	62.577	0	6,486,480	0	0	0
252	62.758	0	12,770,220	0	0	0
500	62.466	0	25,337,820	0	0	0

12.1.11.2. Transmitted Frame Size: 2



Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
5	62.516	0	0	0	0	0
35	62.688	0	0	0	0	0
66	62.668	0	0	0	0	0
128	62.577	0	0	0	0	0
252	62.758	0	0	0	0	0
500	62.466	0	0	0	0	0

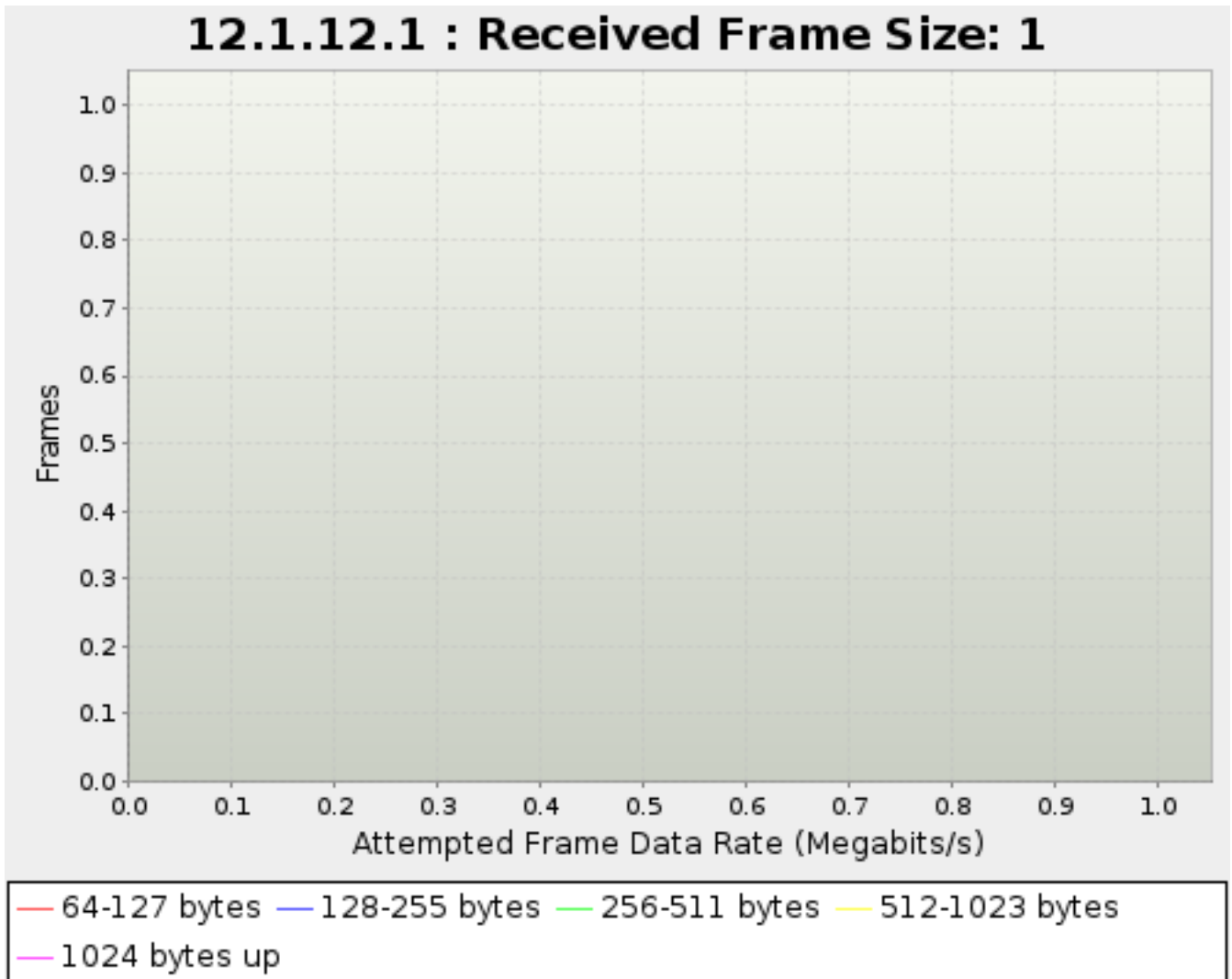
12.1.12. Received Frame Size



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
5	62.516	0	248,357	0	0	0
35	62.688	0	1,738,305	0	0	0
66	62.668	0	3,085,277	0	0	0
128	62.577	0	1,911,213	0	0	0
252	62.758	0	1,457,354	0	0	0
500	62.466	0	1,045,100	0	0	0

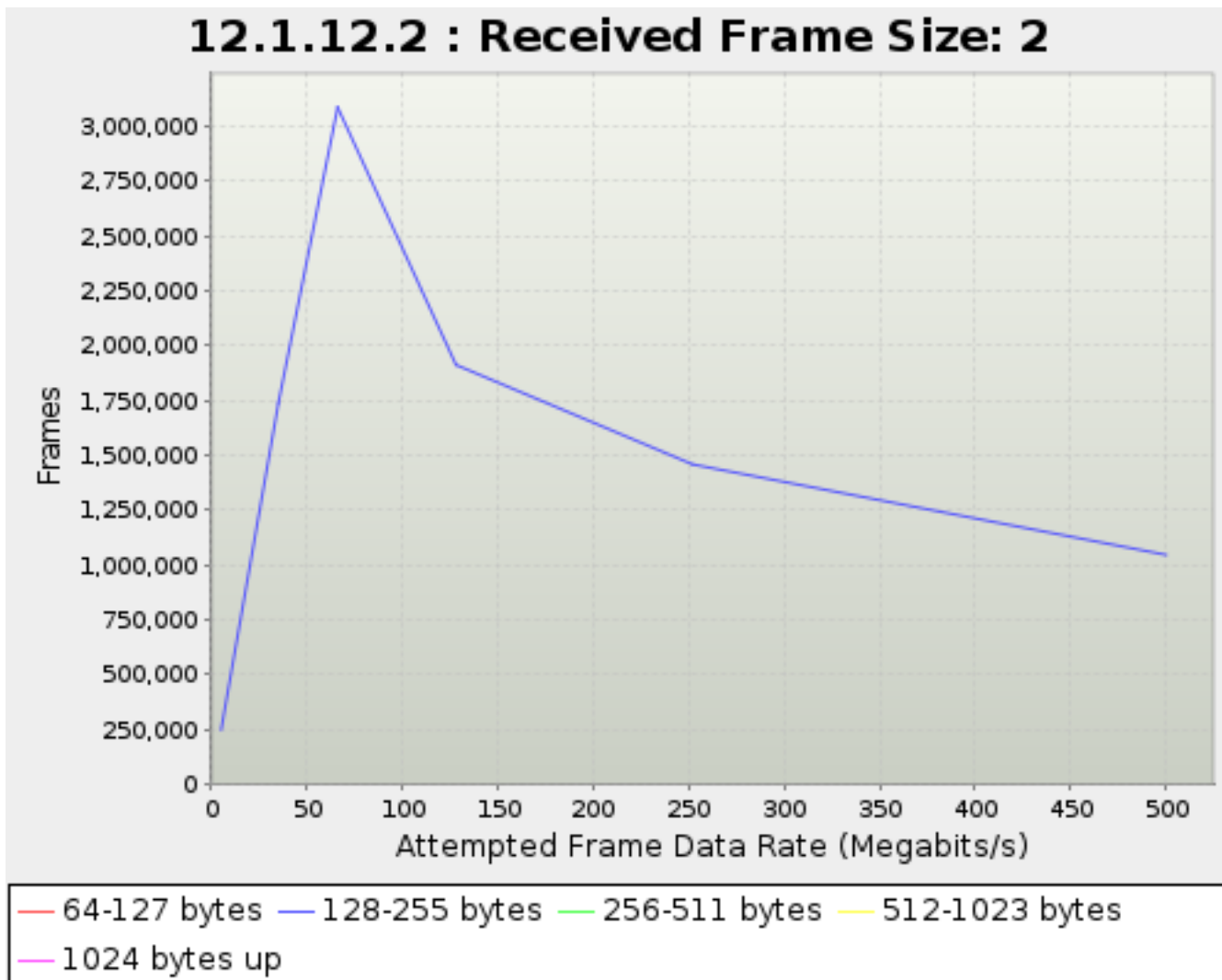
12.1.12.1. Received Frame Size: 1



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
5	62.516	0	0	0	0	0
35	62.688	0	0	0	0	0
66	62.668	0	0	0	0	0
128	62.577	0	0	0	0	0
252	62.758	0	0	0	0	0
500	62.466	0	0	0	0	0

12.1.12.2. Received Frame Size: 2



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
5	62.516	0	248,357	0	0	0
35	62.688	0	1,738,305	0	0	0
66	62.668	0	3,085,277	0	0	0
128	62.577	0	1,911,213	0	0	0
252	62.758	0	1,457,354	0	0	0
500	62.466	0	1,045,100	0	0	0

12.2. Aggregate Stats

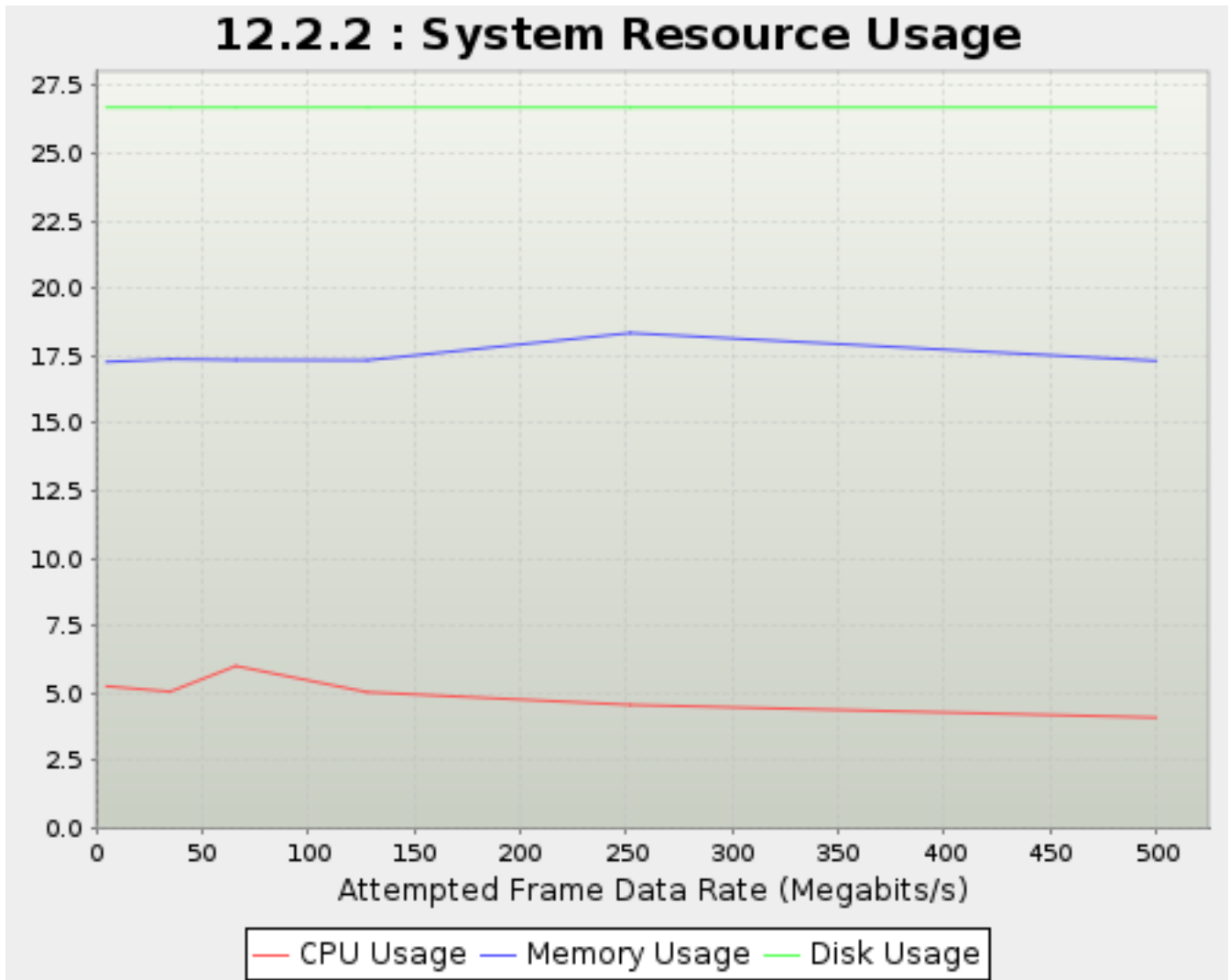
12.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

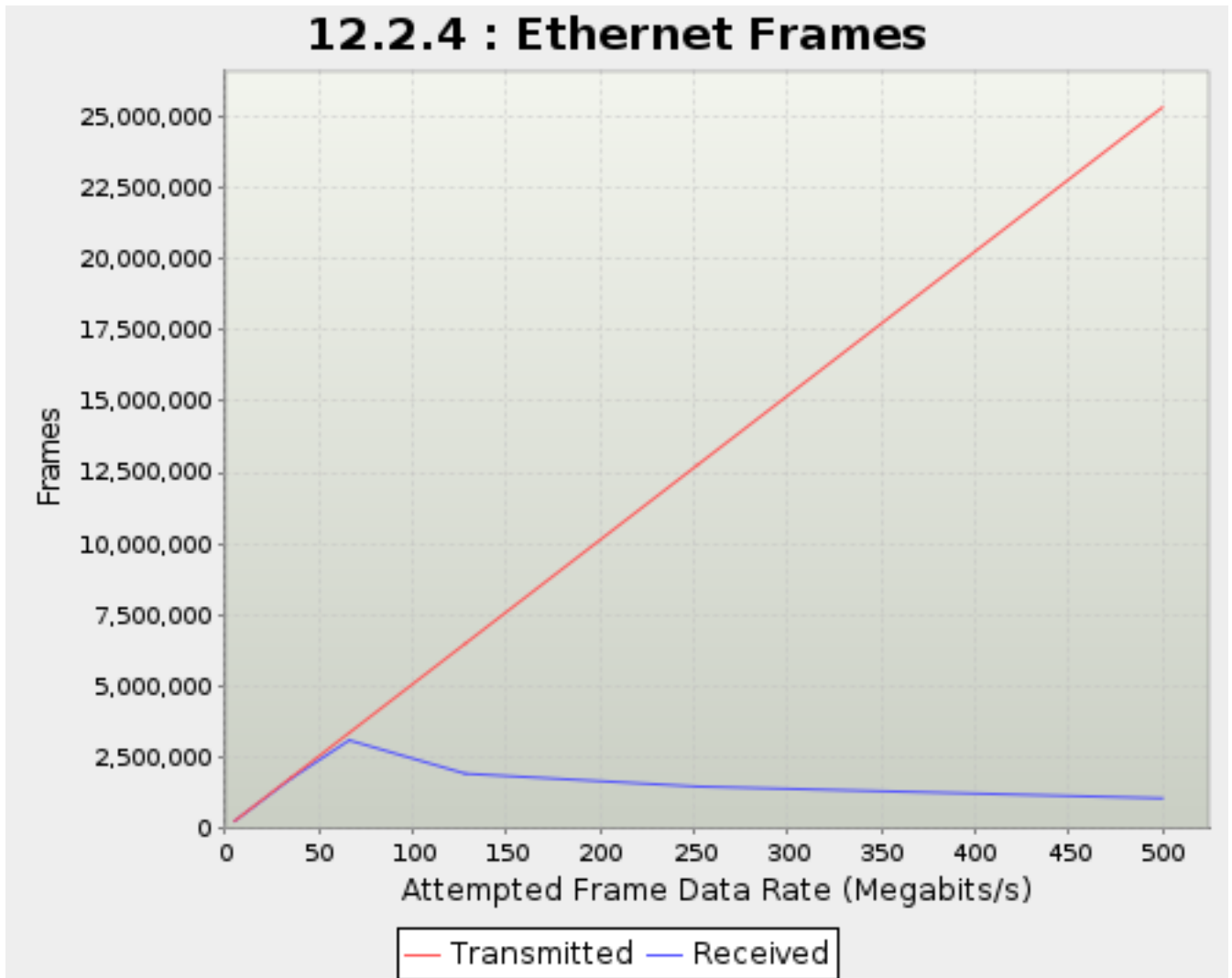
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0, sc0

12.2.2. System Resource Usage



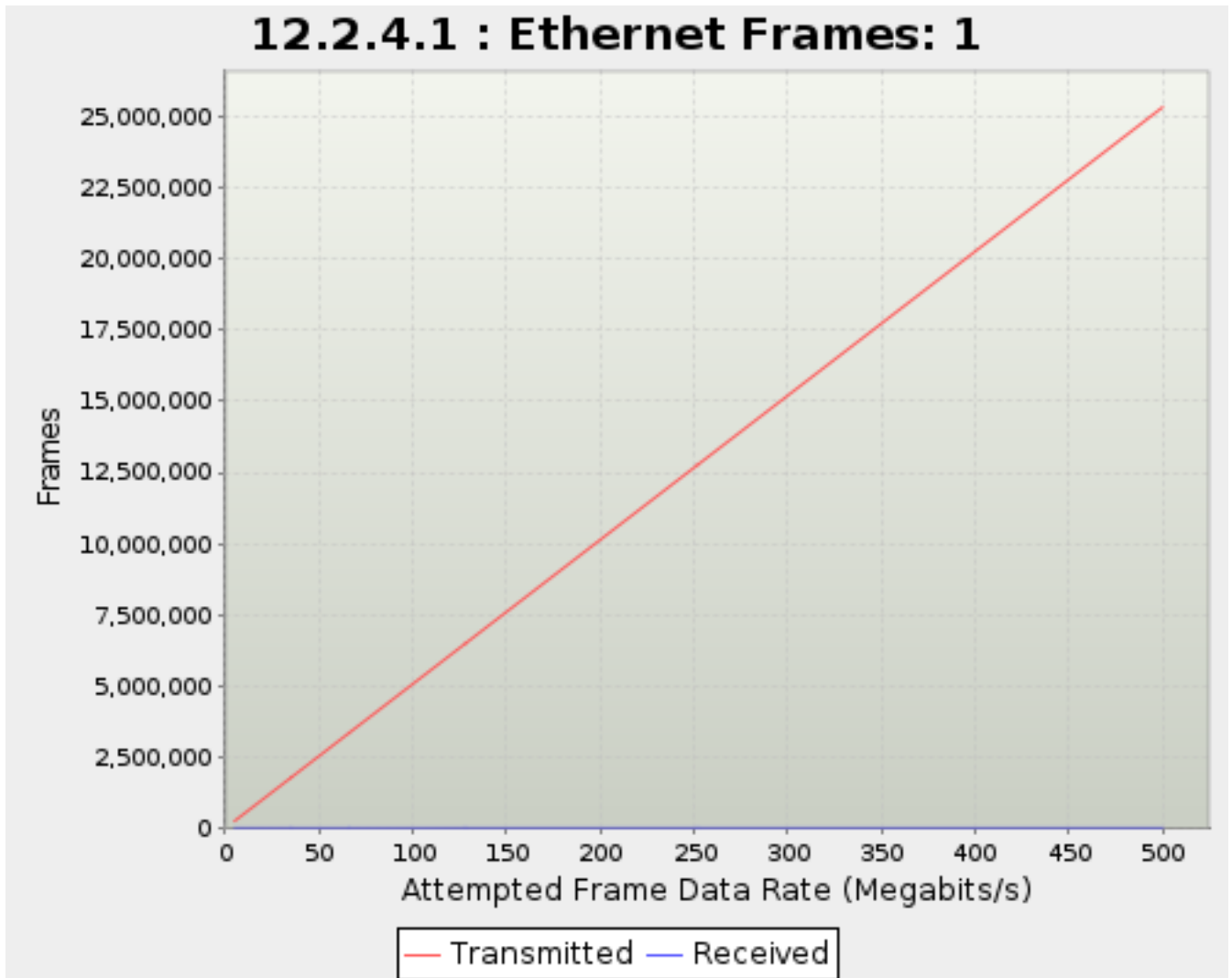
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
5	63.714	5.26	17.28	26.71
35	63.831	5.06	17.38	26.71
66	63.811	6.01	17.35	26.71
128	63.753	5.04	17.34	26.71
252	63.901	4.57	18.35	26.71
500	63.611	4.10	17.32	26.71

12.2.4. Ethernet Frames



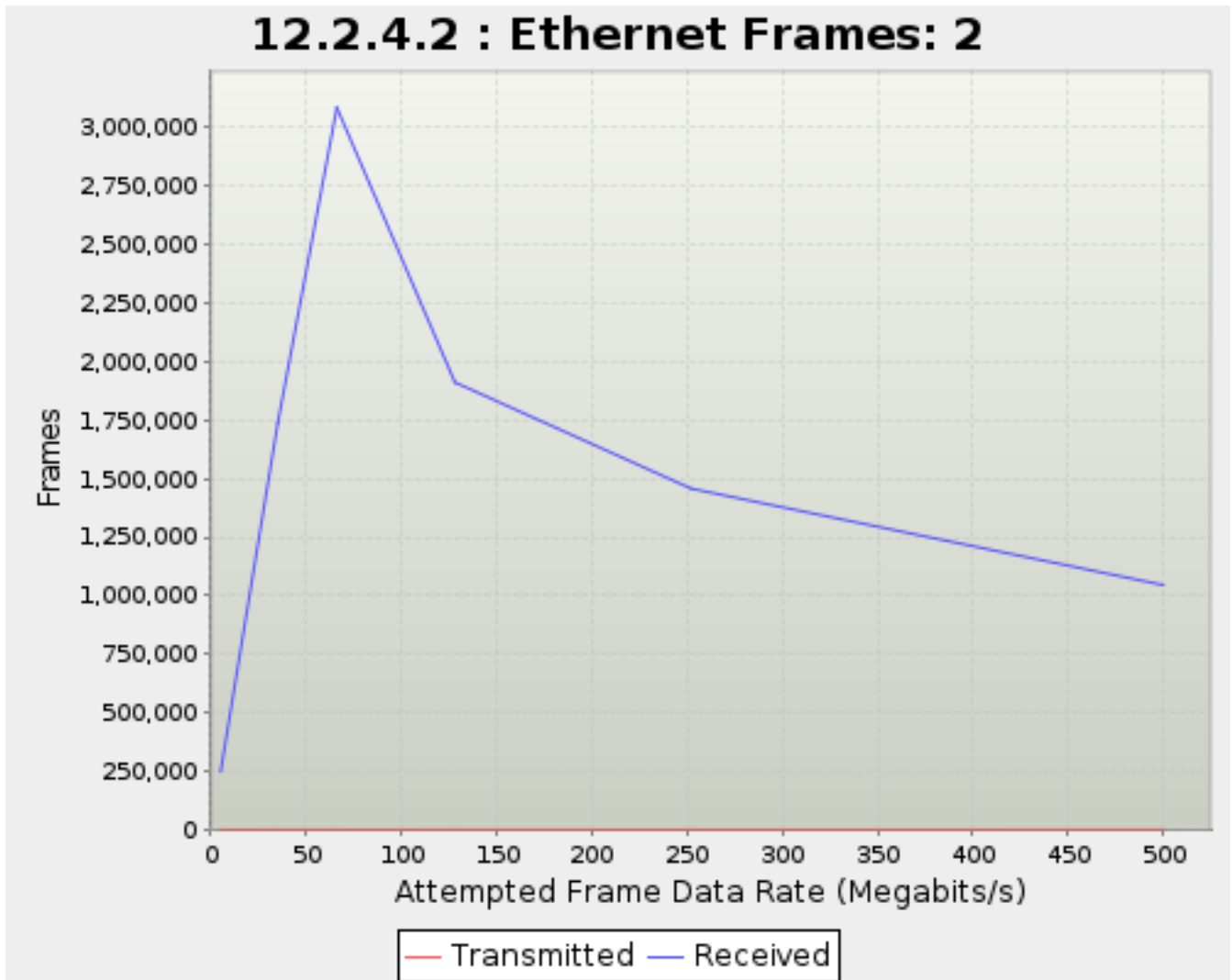
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.706	254,125	249,282 98.094%
35	63.826	1,774,331	1,739,174 98.019%
66	63.806	3,345,472	3,086,246 92.251%
128	63.746	6,487,329	1,912,186 29.476%
252	63.897	12,771,036	1,458,297 11.419%
500	63.605	25,338,988	1,046,380 4.130%

12.2.4.1. Ethernet Frames: 1



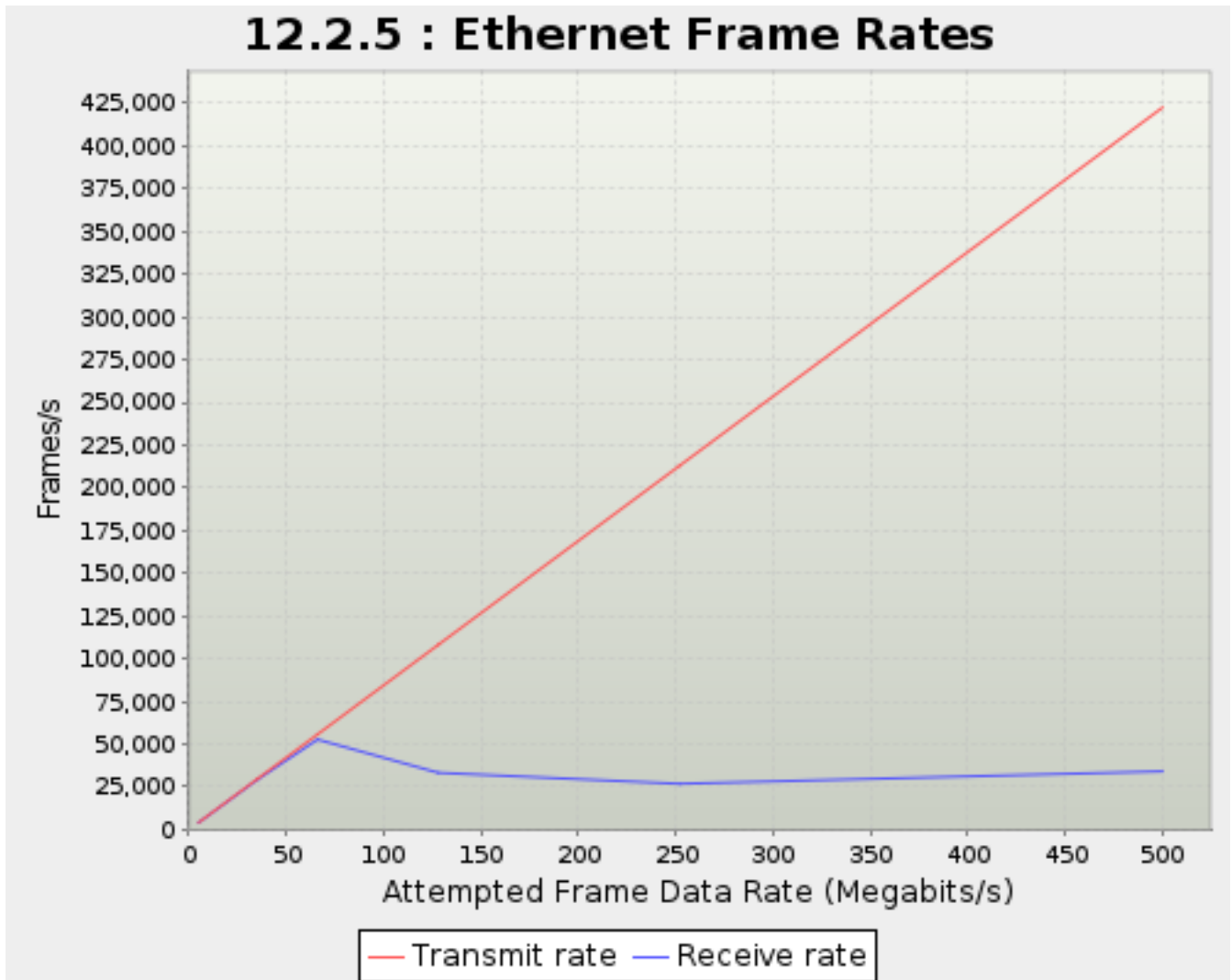
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.706	254,004	673 0.265%
35	63.826	1,774,265	672 0.038%
66	63.806	3,345,404	771 0.023%
128	63.746	6,487,075	590 0.009%
252	63.897	12,770,872	655 0.005%
500	63.605	25,338,764	932 0.004%

12.2.4.2. Ethernet Frames: 2



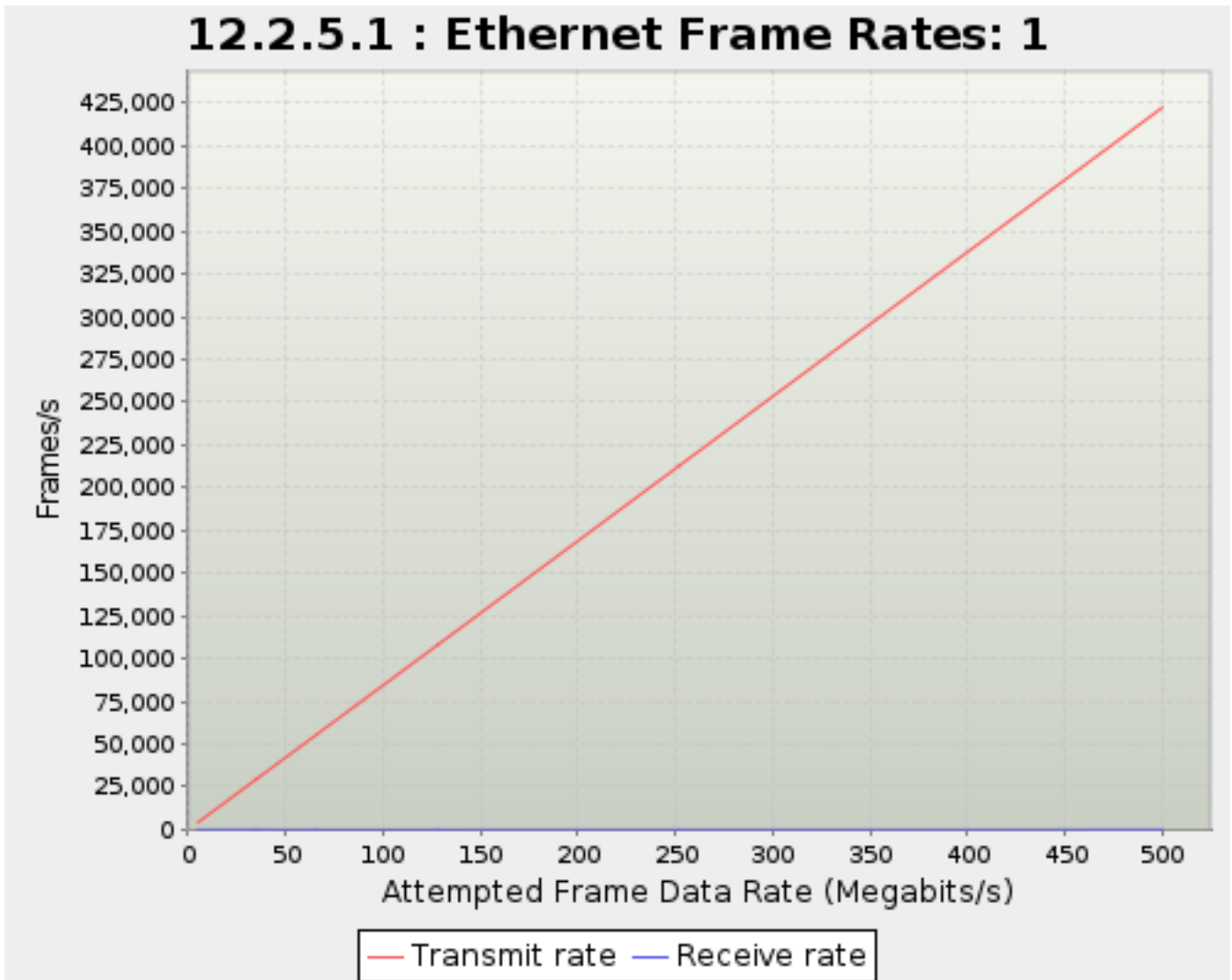
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.706	121	248,609 205461.983%
35	63.826	66	1,738,502 2634093.939%
66	63.806	68	3,085,475 4537463.235%
128	63.746	254	1,911,596 752596.850%
252	63.897	164	1,457,642 888806.098%
500	63.605	224	1,045,448 466717.857%

12.2.5. Ethernet Frame Rates



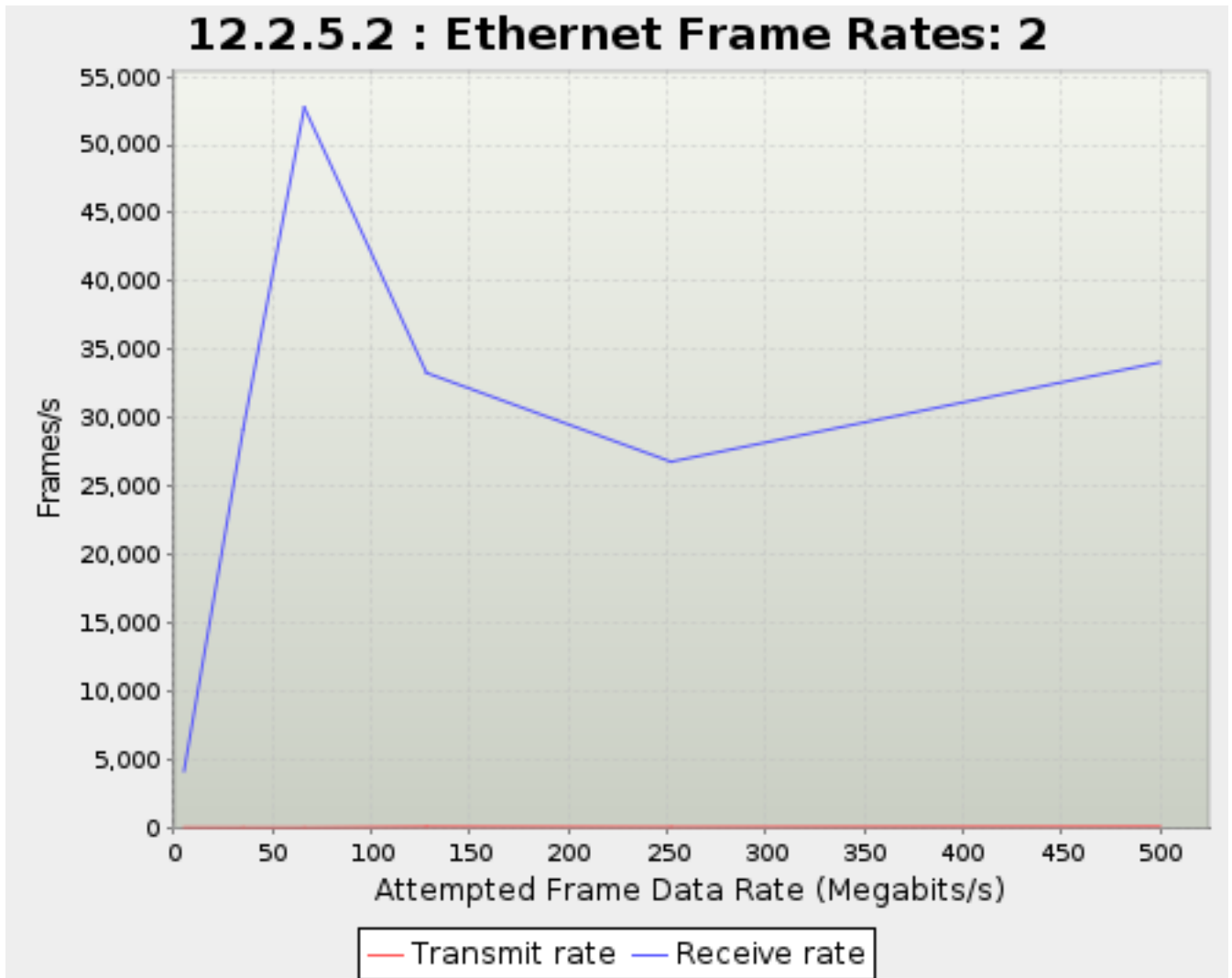
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
5	63.706	~4312	~4235
35	63.826	~29650	~29250
66	63.806	~55810	~52780
128	63.746	~108200	~33340
252	63.897	~213000	~26870
500	63.605	~422500	~34140

12.2.5.1. Ethernet Frame Rates: 1



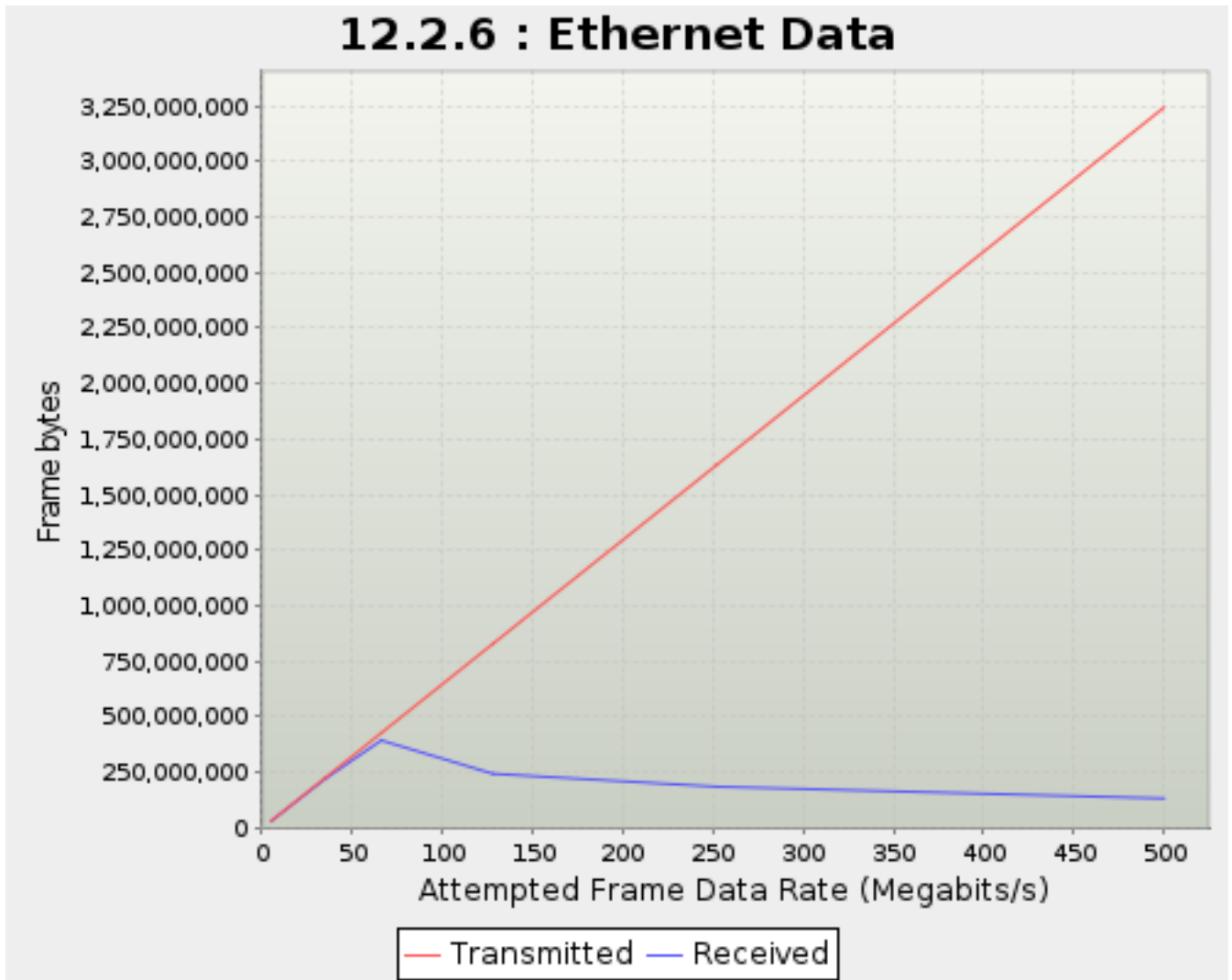
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	63.706	~4283	60.14
35	63.826	~29630	65.82
66	63.806	~55780	38.48
128	63.746	~108100	37.09
252	63.897	~212900	52.12
500	63.605	~422400	63.15

12.2.5.2. Ethernet Frame Rates: 2



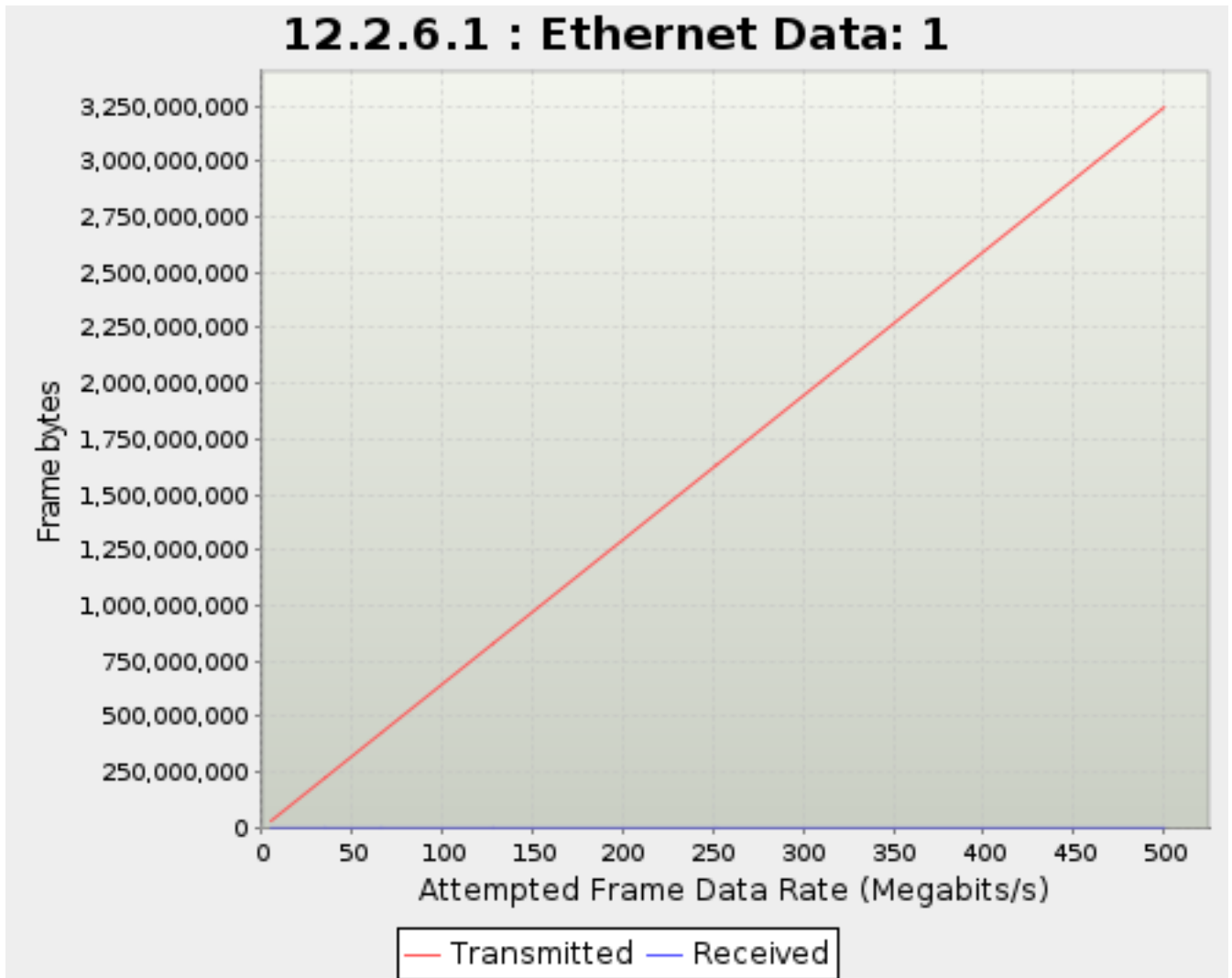
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	63.706	28.78	~4174
35	63.826	27.38	~29180
66	63.806	27.62	~52740
128	63.746	92.47	~33310
252	63.897	68.28	~26810
500	63.605	105.3	~34080

12.2.6. Ethernet Data



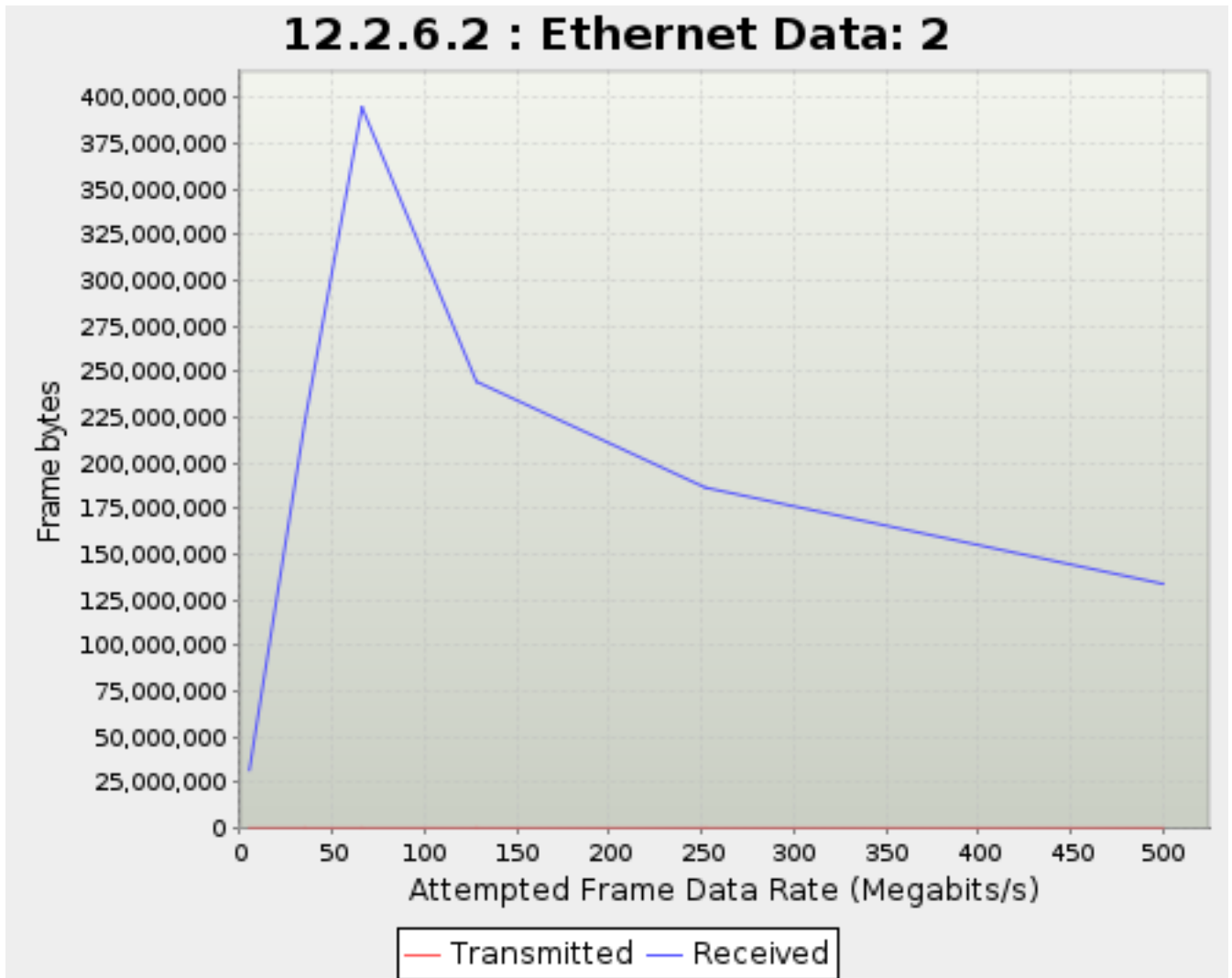
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	63.706	32,480,576	31,853,326 98.069%
35	63.826	227,071,680	222,563,062 98.014%
66	63.806	428,167,424	394,981,902 92.249%
128	63.746	830,327,872	244,701,969 29.471%
252	63.897	1,634,644,480	186,606,121 11.416%
500	63.605	3,243,319,808	133,859,225 4.127%

12.2.6.1. Ethernet Data: 1



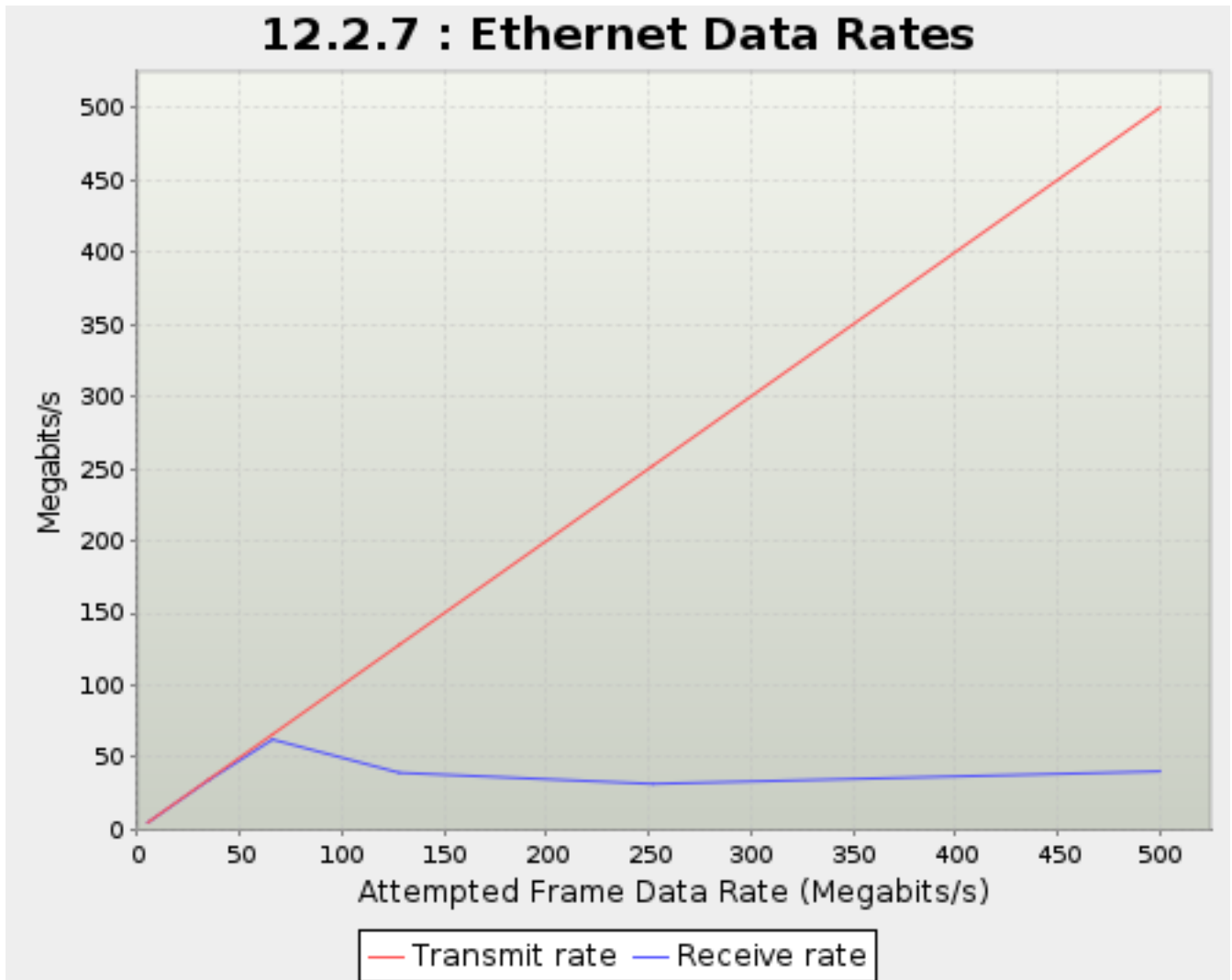
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	63.706	32,472,832	43,072 0.133%
35	63.826	227,067,456	43,008 0.019%
66	63.806	428,163,072	49,344 0.012%
128	63.746	830,311,616	37,760 0.005%
252	63.897	1,634,633,984	41,920 0.003%
500	63.605	3,243,305,472	59,648 0.002%

12.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	63.706	7,744	31,810,254 410772.908%
35	63.826	4,224	222,520,054 5267993.703%
66	63.806	4,352	394,932,558 9074737.086%
128	63.746	16,256	244,664,209 1505070.183%
252	63.897	10,496	186,564,201 177479.049%
500	63.605	14,336	133,799,577 933311.782%

12.2.7. Ethernet Data Rates



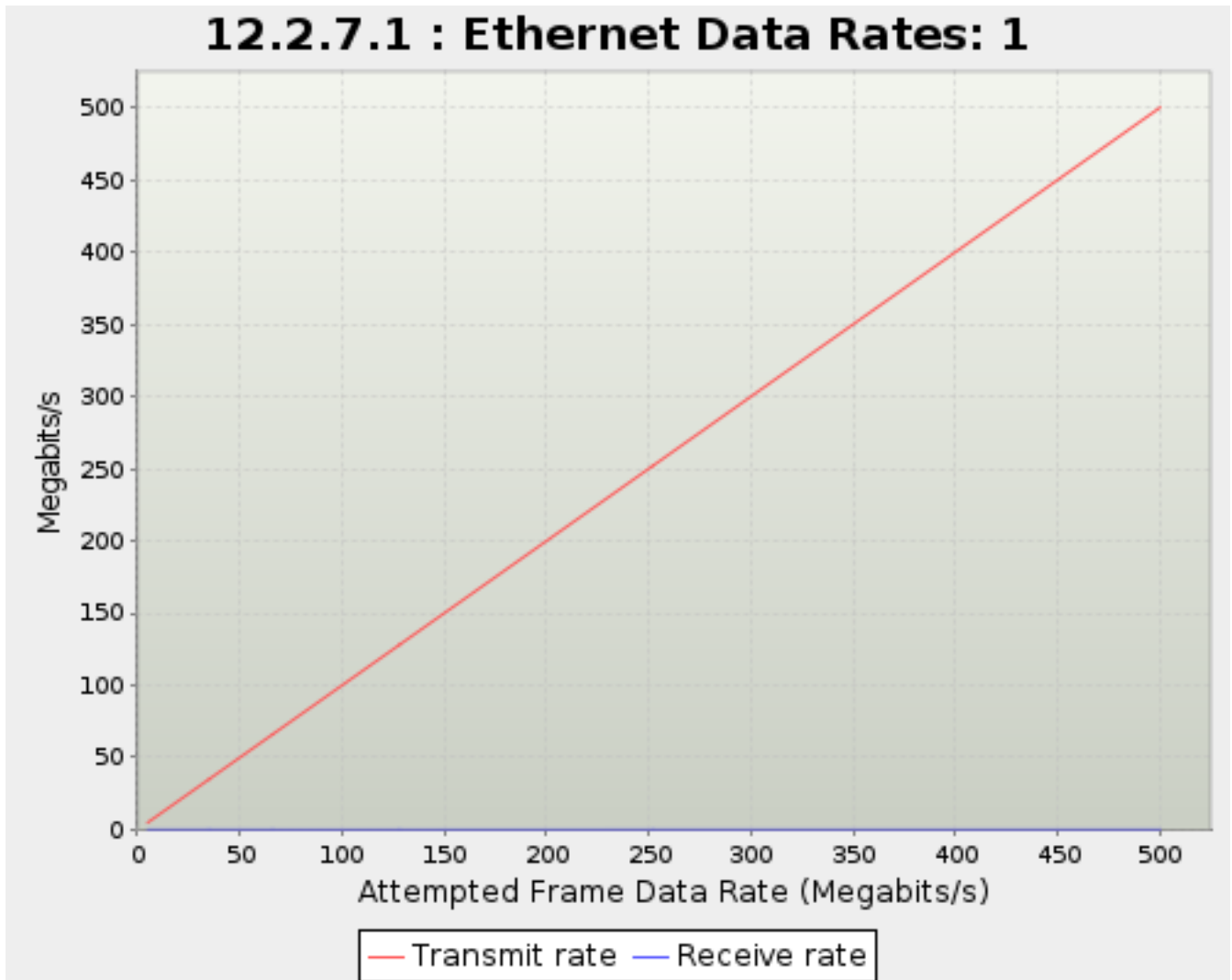
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	63.706	5.060	4.983
35	63.826	35.06	34.60
66	63.806	66.04	62.47
128	63.746	128.1	39.46
252	63.897	252.1	31.75
500	63.605	500.1	40.39

12.2.7.1. Ethernet Data Rates: 1



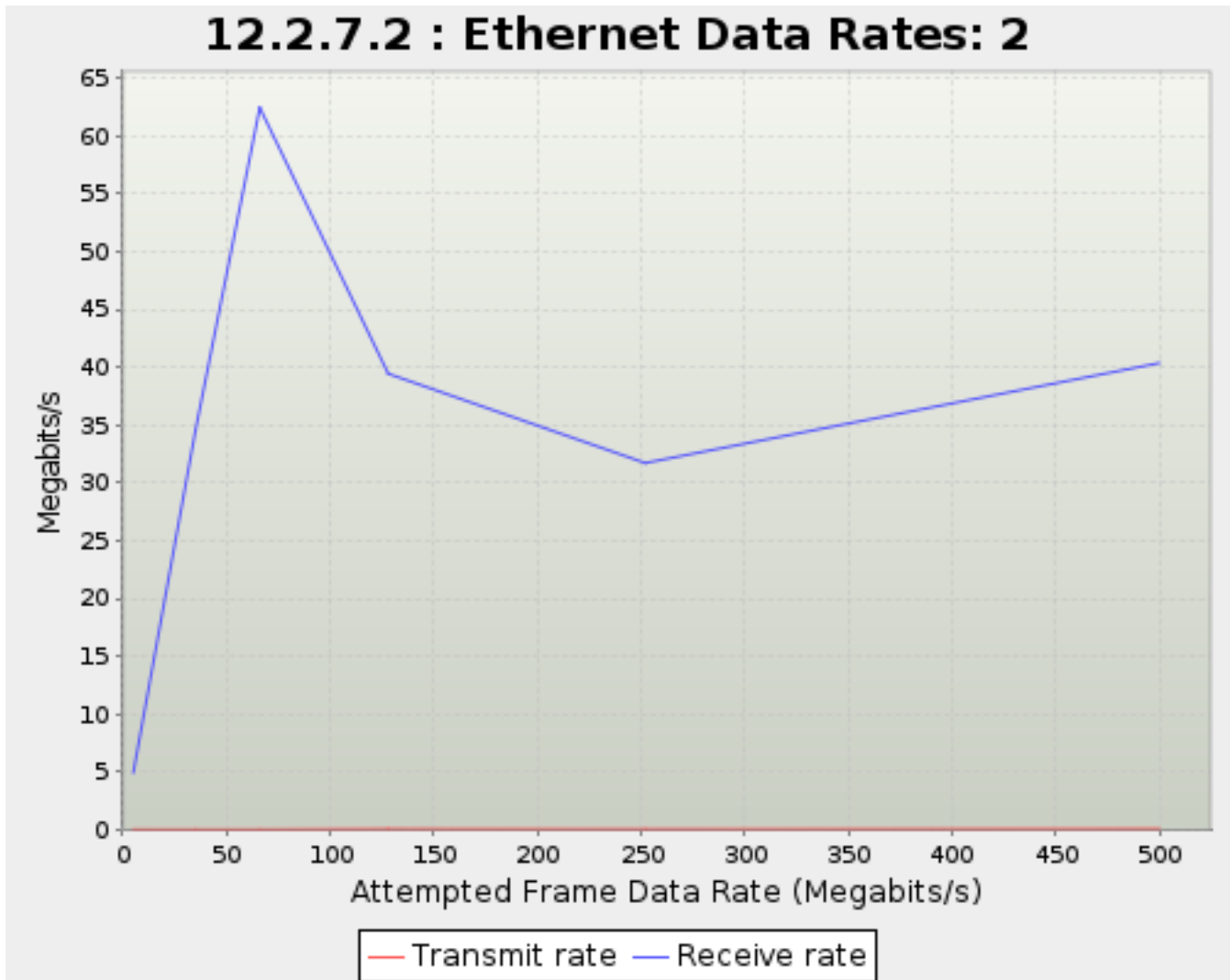
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	63.706	5.041	0.04042
35	63.826	35.04	0.04423
66	63.806	66.03	0.02586
128	63.746	~128	0.02492
252	63.897	~252	0.03503
500	63.605	~500	0.04244

12.2.7.2. Ethernet Data Rates: 2



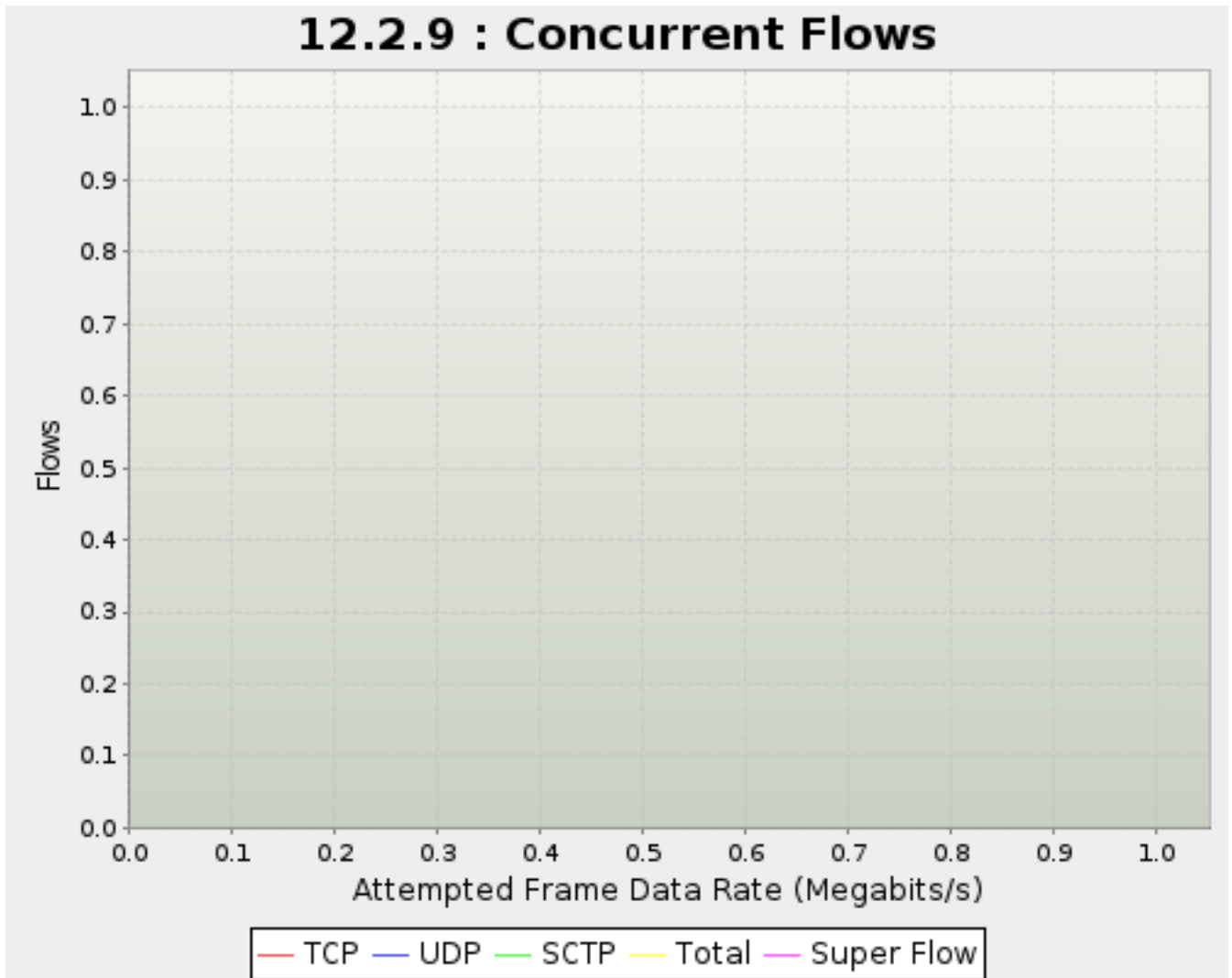
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

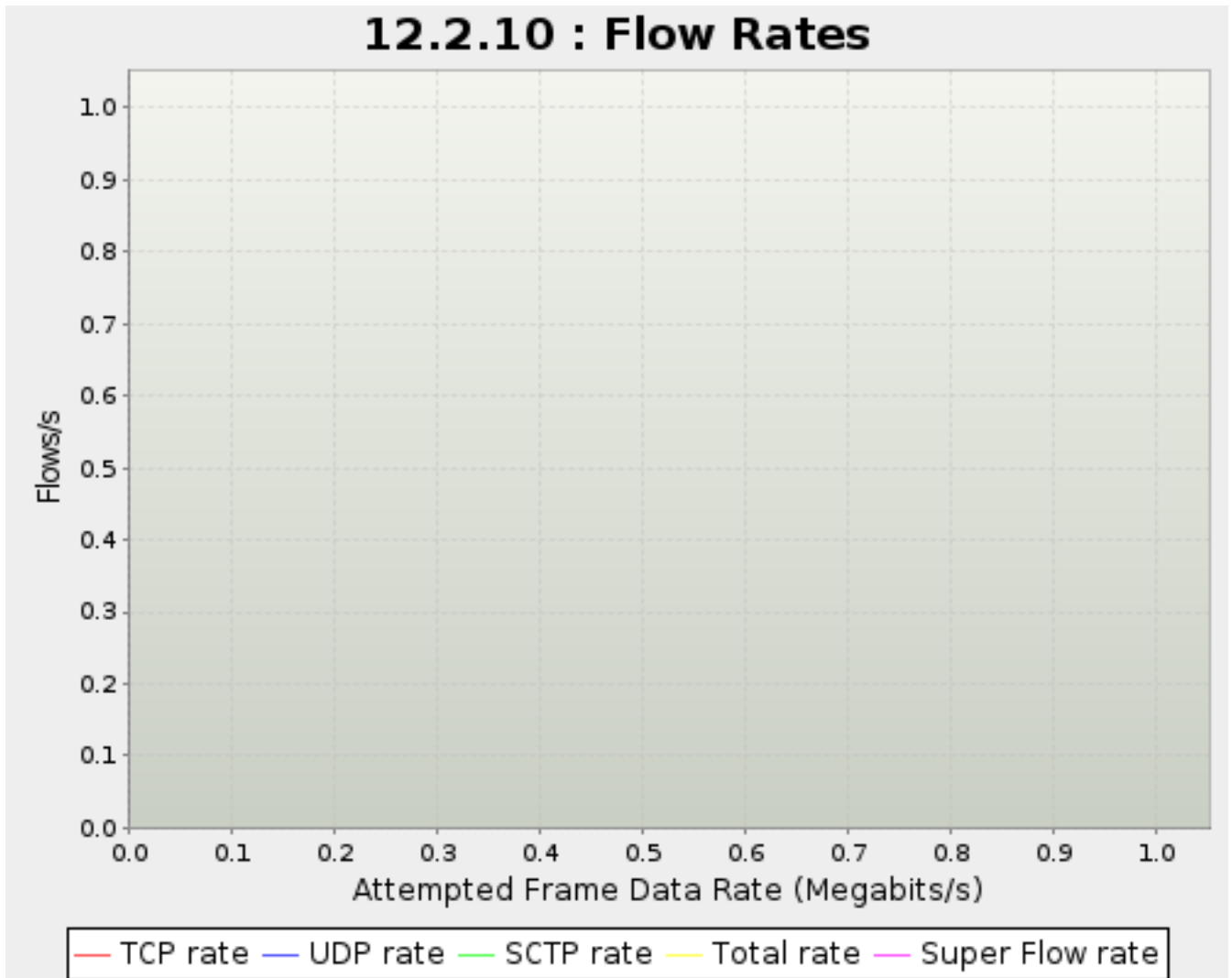
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	63.706	0.01934	4.943
35	63.826	0.01840	34.55
66	63.806	0.01856	62.44
128	63.746	0.06214	39.43
252	63.897	0.04589	31.71
500	63.605	0.07073	40.35

12.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
5	63.276	0	0	0	0	0
35	63.485	0	0	0	0	0
66	63.479	0	0	0	0	0
128	63.437	0	0	0	0	0
252	63.527	0	0	0	0	0
500	63.376	0	0	0	0	0

12.2.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	SCTP rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
5	63.276	0.00	0.00	0.00	0.00	0.00
35	63.485	0.00	0.00	0.00	0.00	0.00
66	63.479	0.00	0.00	0.00	0.00	0.00
128	63.437	0.00	0.00	0.00	0.00	0.00
252	63.527	0.00	0.00	0.00	0.00	0.00
500	63.376	0.00	0.00	0.00	0.00	0.00

12.2.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
5	0		10.201.0.0/16	10.201.0.254	up
5	0		192.168.0.0/16	192.168.0.1	up
35	0		192.168.0.0/16	192.168.0.1	up
35	0		10.201.0.0/16	10.201.0.254	up
66	0		10.201.0.0/16	10.201.0.254	up
66	0		192.168.0.0/16	192.168.0.1	up
128	0		192.168.0.0/16	192.168.0.1	up
128	24.434		10.201.0.0/16	10.201.0.254	up
252	60.524		10.201.0.0/16	10.201.0.254	up
252	0		192.168.0.0/16	192.168.0.1	up
500	60.373		10.201.0.0/16	10.201.0.254	up
500	57.371		192.168.0.0/16	192.168.0.1	up

12.2.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
5	0		192.168.0.0/16	192.168.0.1	up
35	0		192.168.0.0/16	192.168.0.1	up
66	0		192.168.0.0/16	192.168.0.1	up
128	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	57.371		192.168.0.0/16	192.168.0.1	up

12.2.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
5	0		10.201.0.0/16	10.201.0.254	up
35	0		10.201.0.0/16	10.201.0.254	up
66	0		10.201.0.0/16	10.201.0.254	up
128	24.434		10.201.0.0/16	10.201.0.254	up
252	60.524		10.201.0.0/16	10.201.0.254	up
500	60.373		10.201.0.0/16	10.201.0.254	up

12.2.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
5	63.710	6	6	804	735	0	69	0	0
35	63.828	6	6	748	661	0	87	0	0
66	63.806	6	6	847	822	0	25	0	0
128	63.751	8	6	852	777	0	75	0	0
252	63.892	14	6	799	738	0	61	0	0
500	63.605	17	6	1,160	1,088	0	72	0	0

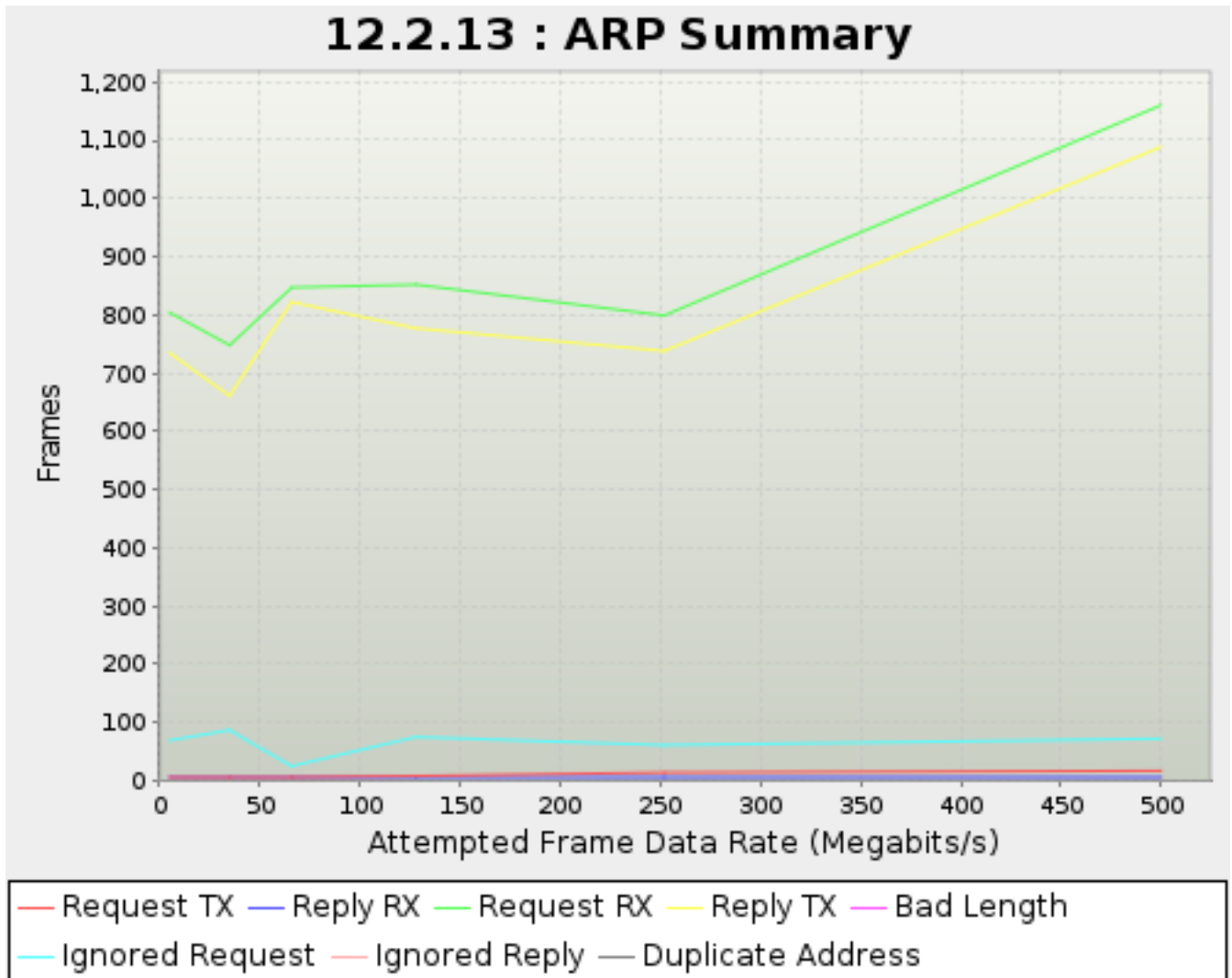
12.2.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
5	63.710	3	3	670	617	0	53	0	0
35	63.828	3	3	669	598	0	71	0	0
66	63.806	3	3	766	757	0	9	0	0
128	63.751	3	3	587	528	0	59	0	0
252	63.892	4	3	629	584	0	45	0	0
500	63.605	7	3	929	874	0	55	0	0

12.2.12.2. ARP: 2

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
5	63.710	3	3	134	118	0	16	0	0
35	63.828	3	3	79	63	0	16	0	0
66	63.806	3	3	81	65	0	16	0	0
128	63.751	5	3	265	249	0	16	0	0
252	63.892	10	3	170	154	0	16	0	0
500	63.605	10	3	231	214	0	17	0	0

12.2.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Frames</i>							
5	6	6	804	735	0	69	0	0
35	6	6	748	661	0	87	0	0
66	6	6	847	822	0	25	0	0
128	8	6	852	777	0	75	0	0
252	14	6	799	738	0	61	0	0
500	17	6	1,160	1,088	0	72	0	0

12.2.16. Slot 1 NP np1-0 statistics

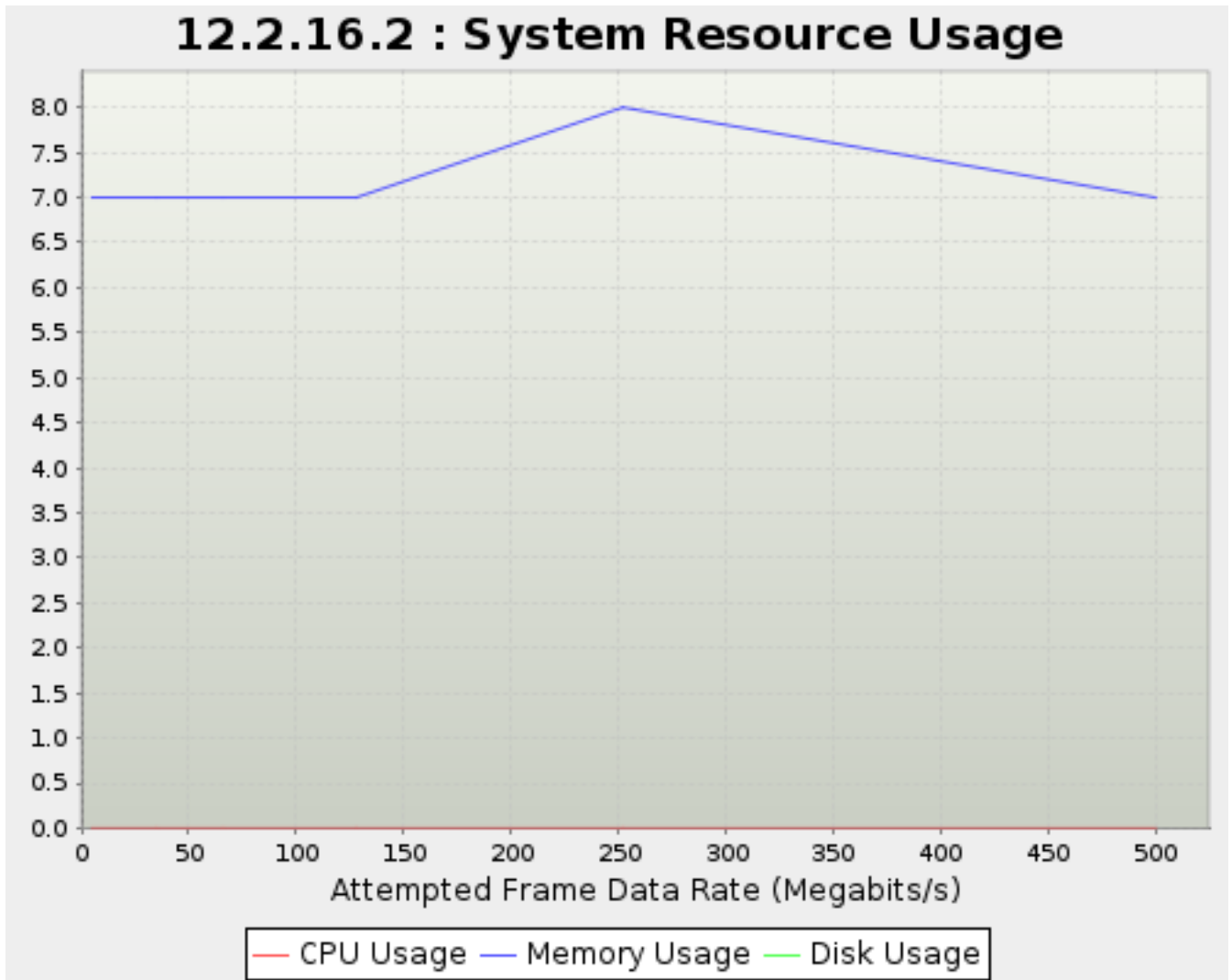
12.2.16.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

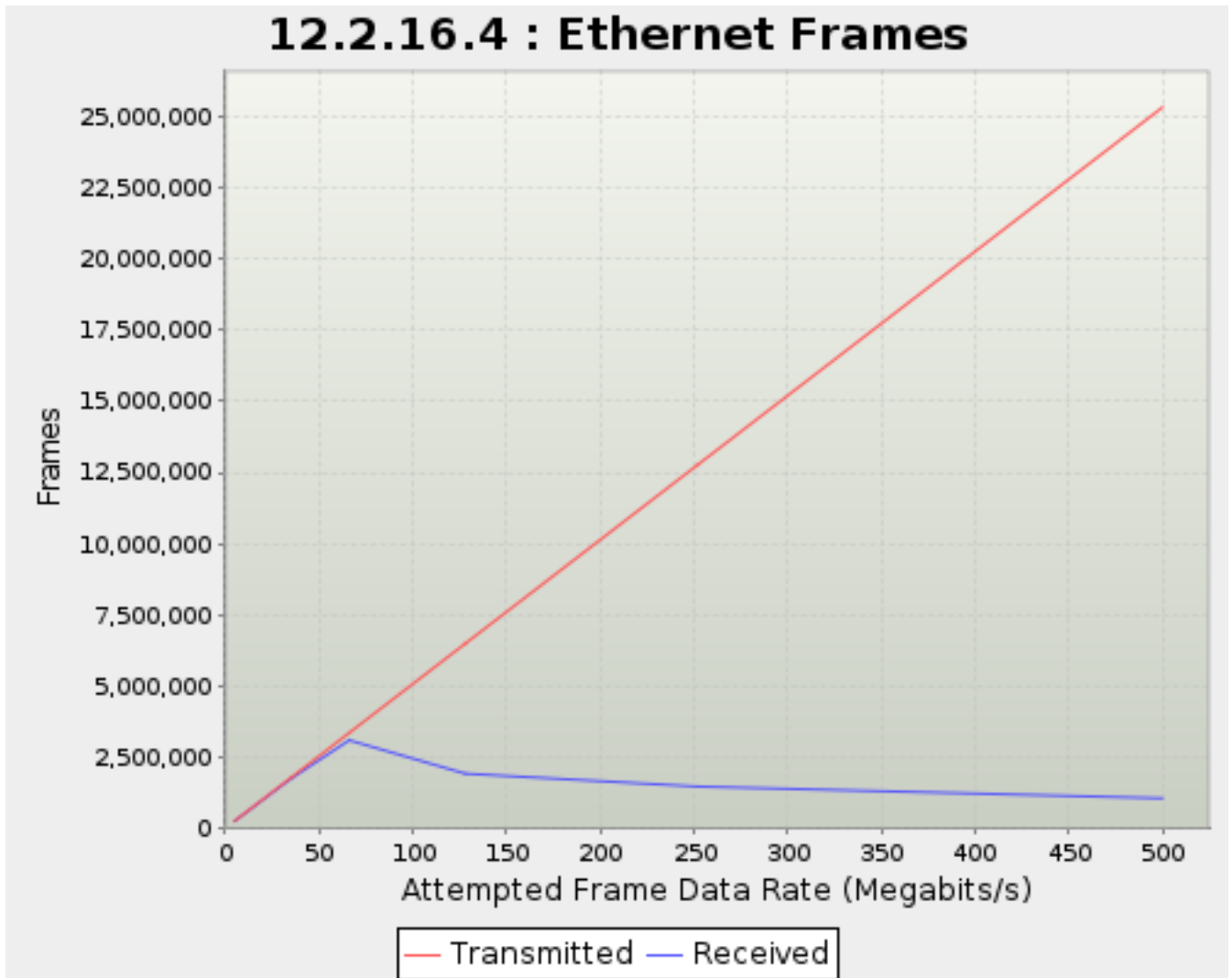
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0, np1-0

12.2.16.2. System Resource Usage



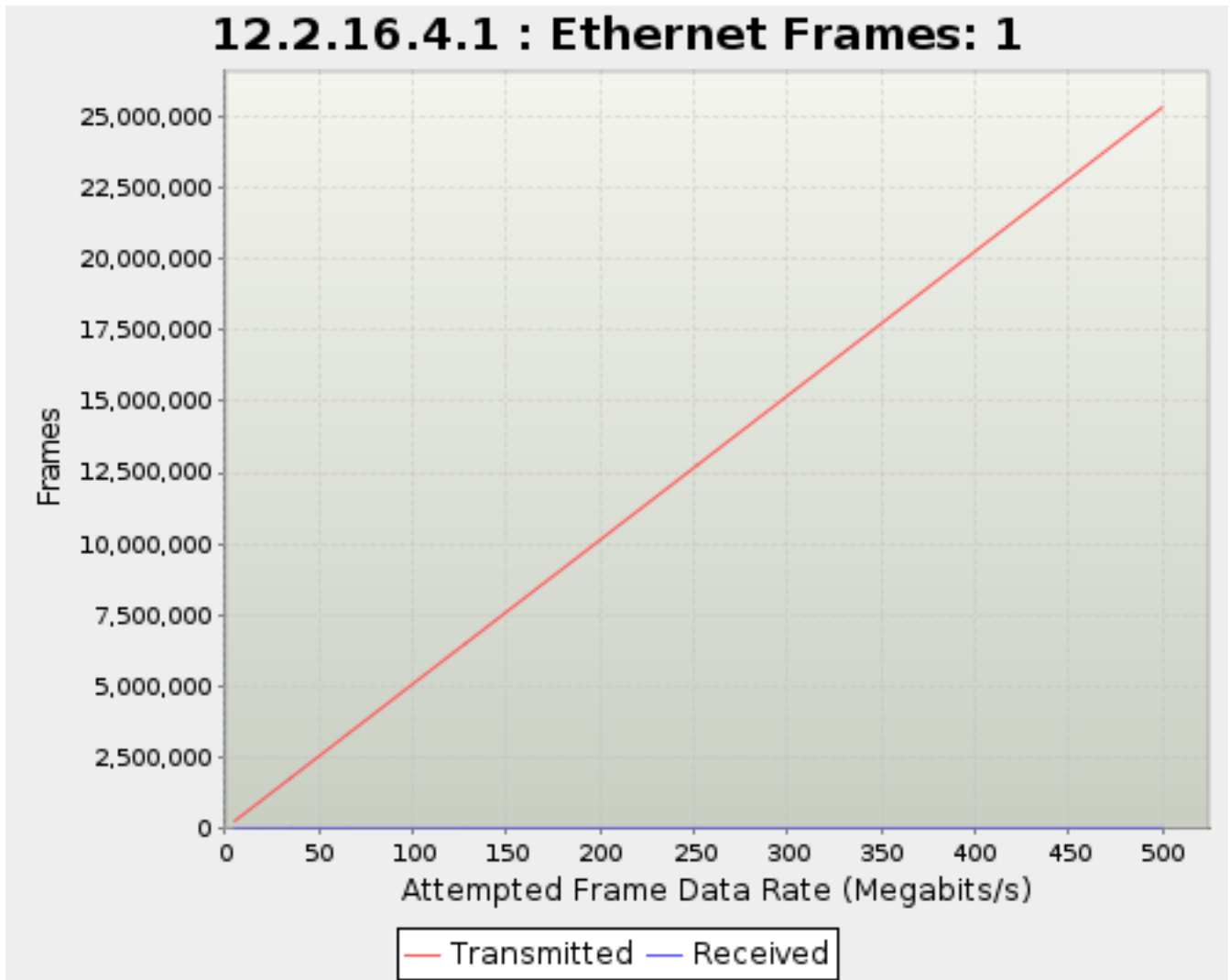
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
5	63.710	0	7	0
35	63.828	0	7	0
66	63.806	0	7	0
128	63.751	0	7	0
252	63.892	0	8	0
500	63.605	0	7	0

12.2.16.4. Ethernet Frames



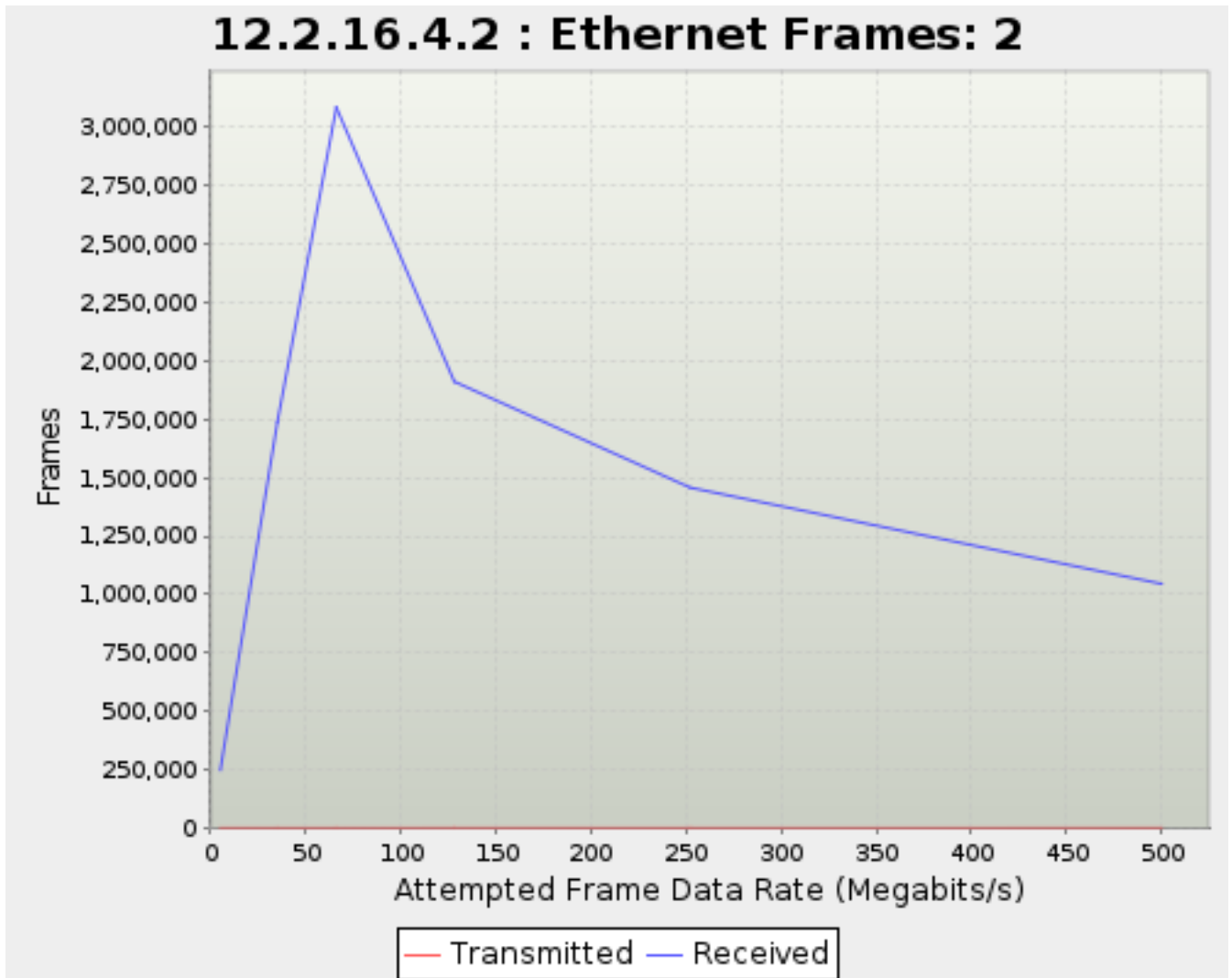
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.706	254,125	249,282 98.094%
35	63.826	1,774,331	1,739,174 98.019%
66	63.806	3,345,472	3,086,246 92.251%
128	63.746	6,487,329	1,912,186 29.476%
252	63.897	12,771,036	1,458,297 11.419%
500	63.605	25,338,988	1,046,380 4.130%

12.2.16.4.1. Ethernet Frames: 1



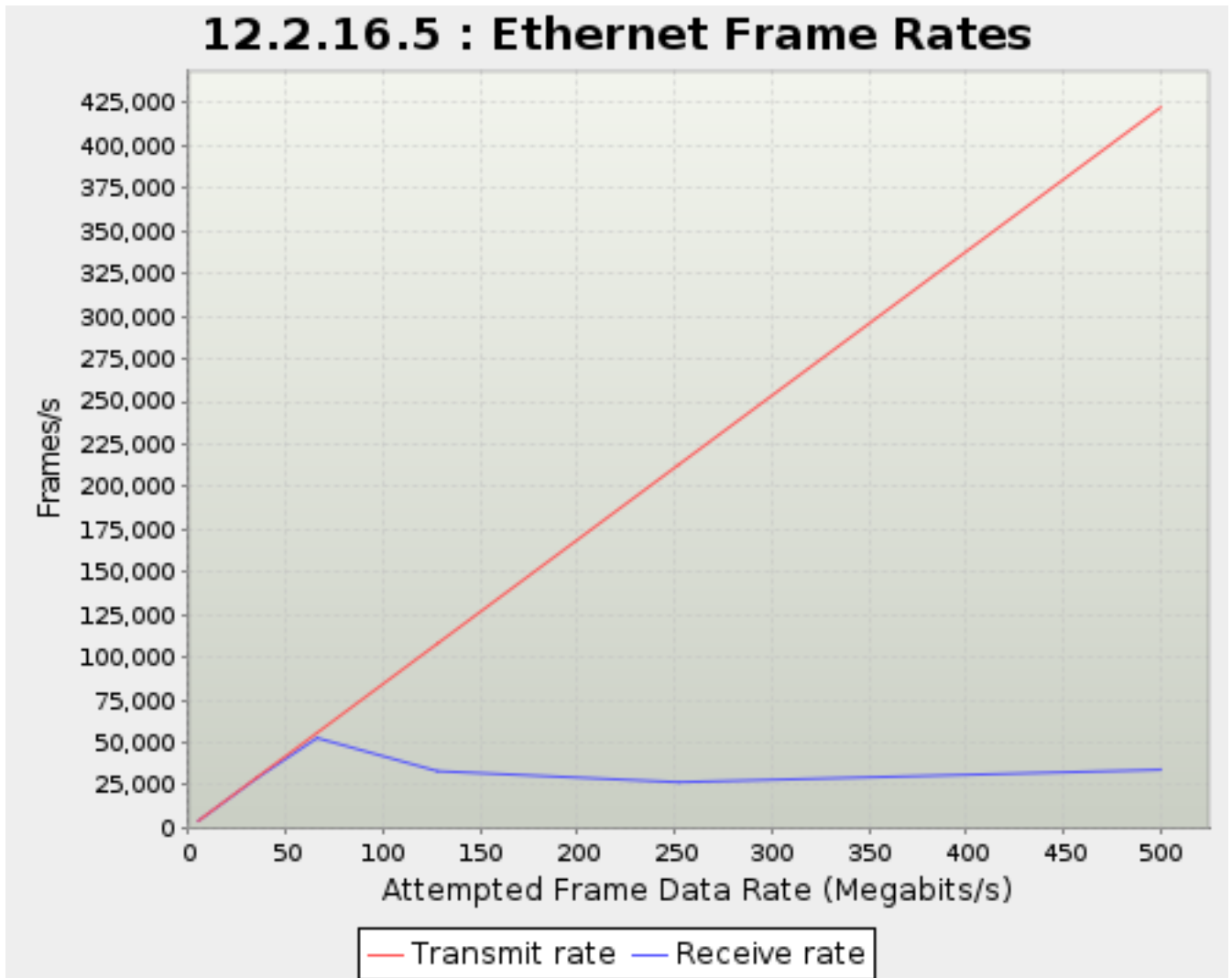
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.706	254,004	673 0.265%
35	63.826	1,774,265	672 0.038%
66	63.806	3,345,404	771 0.023%
128	63.746	6,487,075	590 0.009%
252	63.897	12,770,872	655 0.005%
500	63.605	25,338,764	932 0.004%

12.2.16.4.2. Ethernet Frames: 2



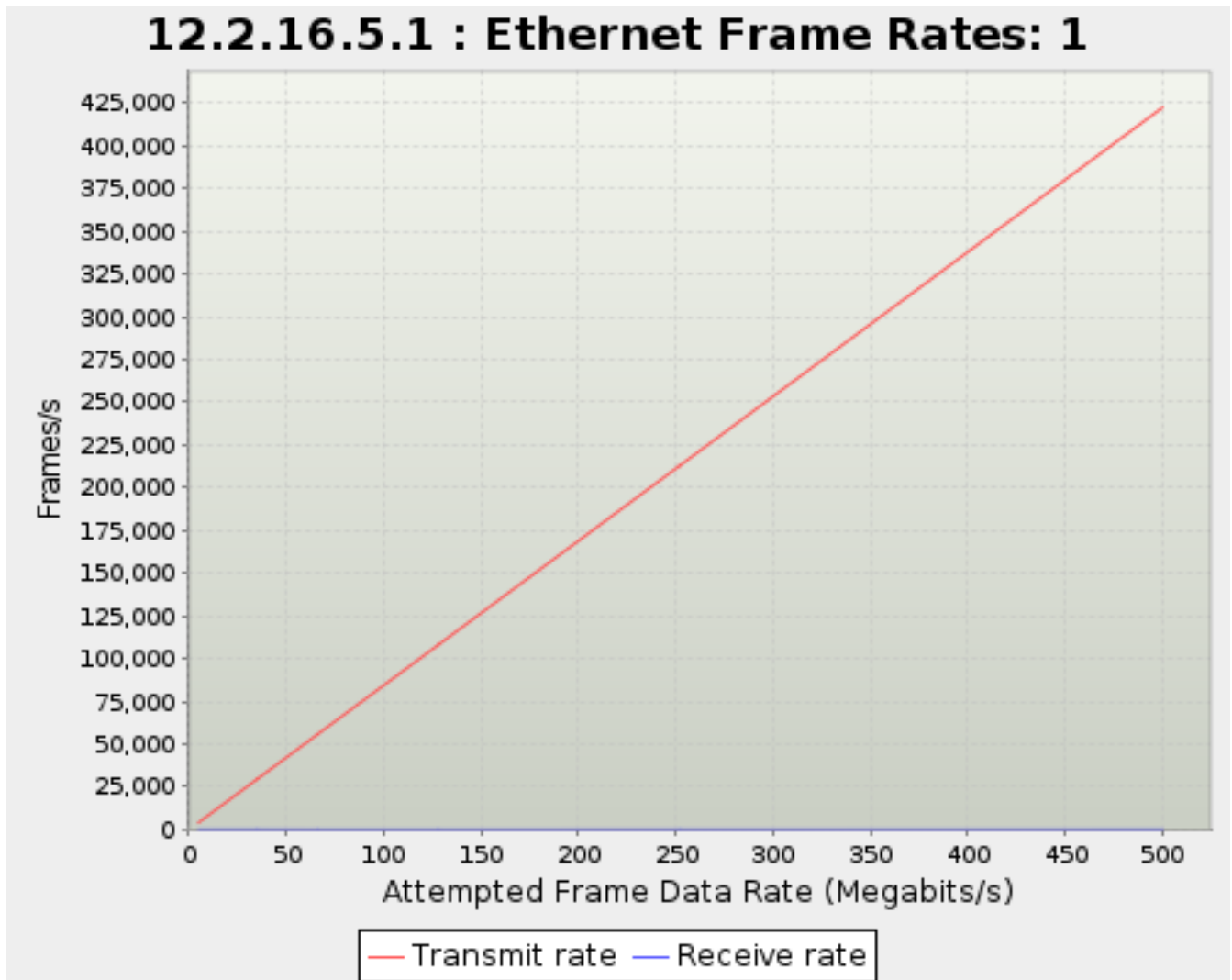
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.706	121	248,609 205461.983%
35	63.826	66	1,738,502 2634093.939%
66	63.806	68	3,085,475 4537463.235%
128	63.746	254	1,911,596 752596.850%
252	63.897	164	1,457,642 888806.098%
500	63.605	224	1,045,448 466717.857%

12.2.16.5. Ethernet Frame Rates



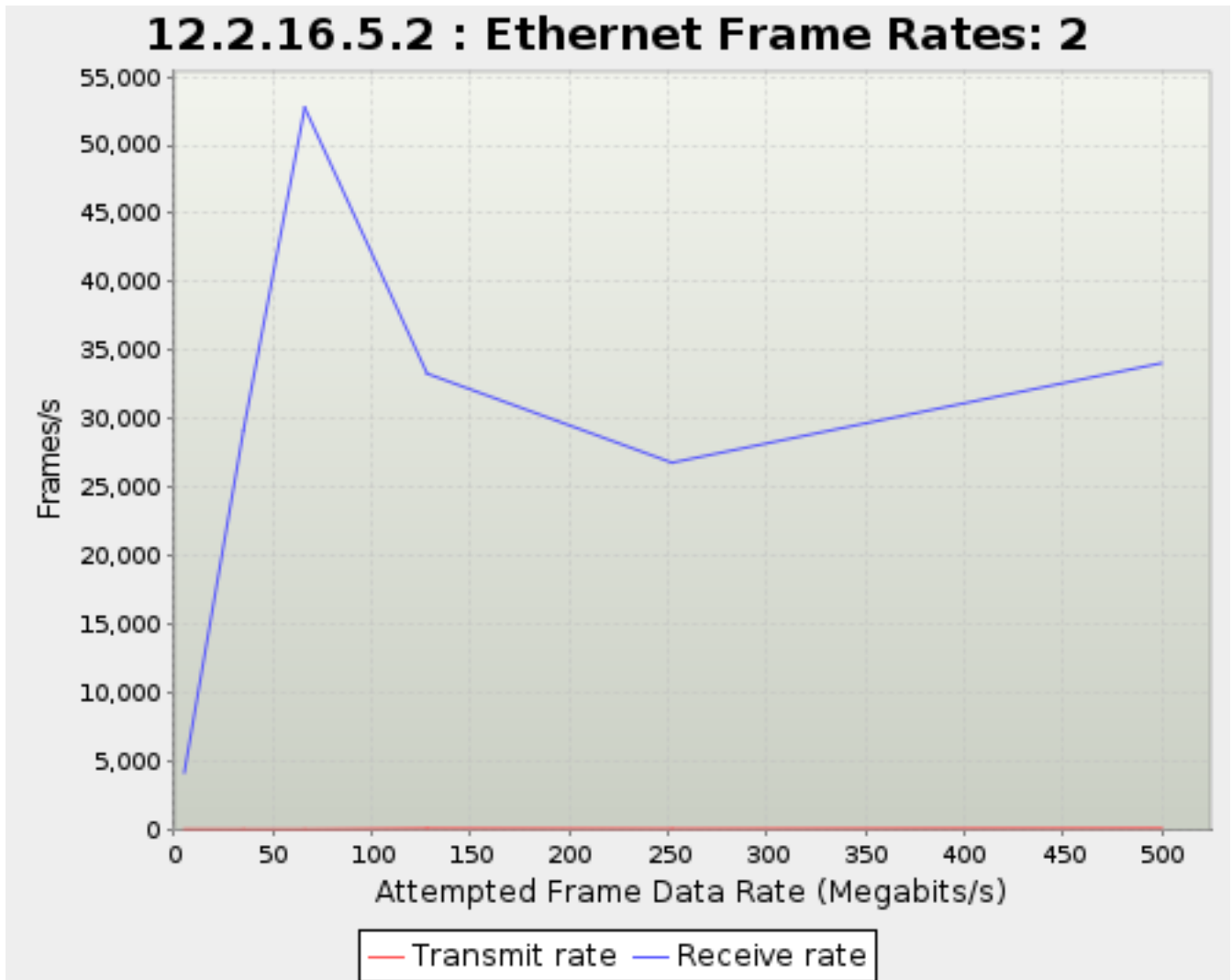
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	63.706	~4312	~4235
35	63.826	~29650	~29250
66	63.806	~55810	~52780
128	63.746	~108200	~33340
252	63.897	~213000	~26870
500	63.605	~422500	~34140

12.2.16.5.1. Ethernet Frame Rates: 1



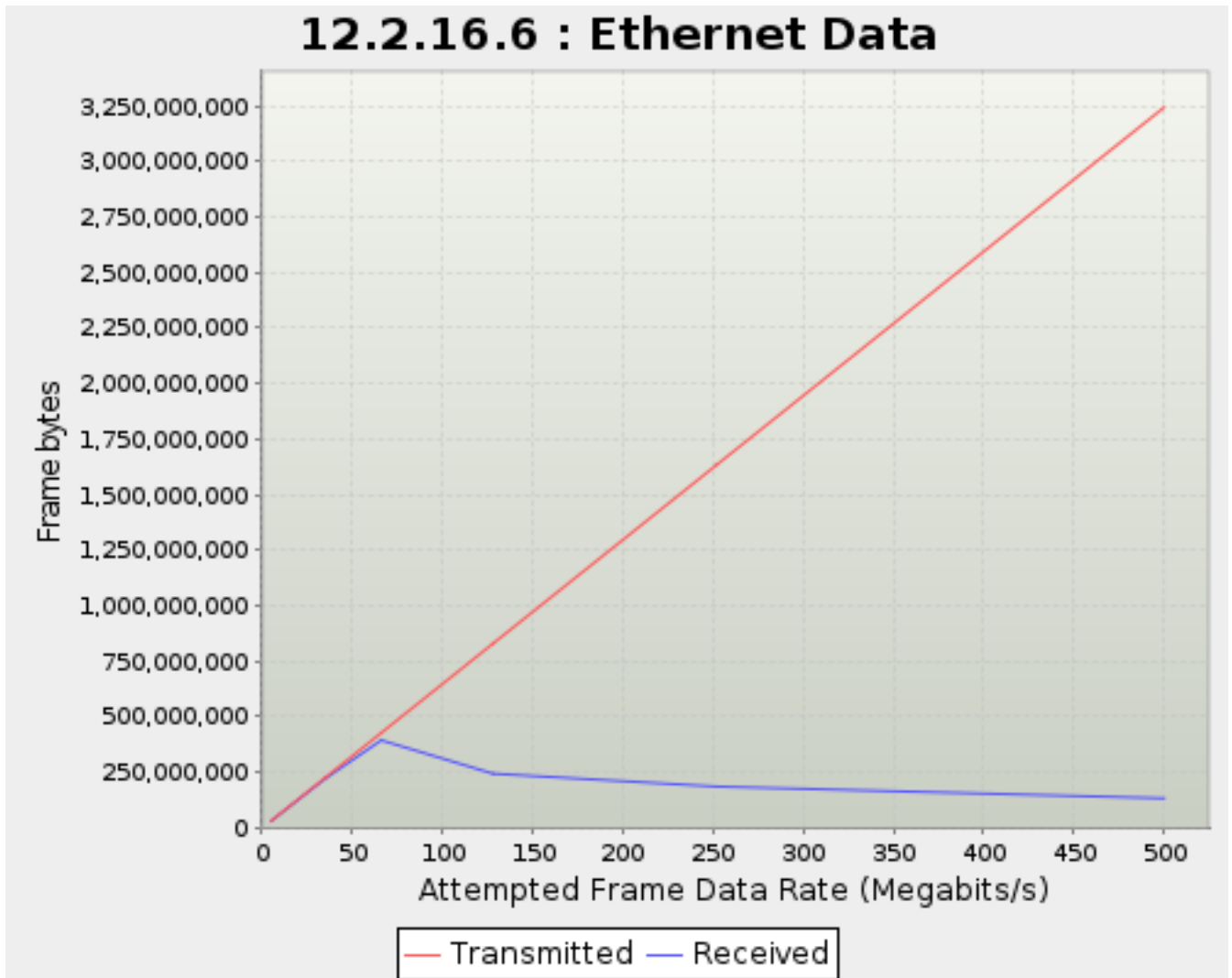
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	63.706	~4283	60.14
35	63.826	~29630	65.82
66	63.806	~55780	38.48
128	63.746	~108100	37.09
252	63.897	~212900	52.12
500	63.605	~422400	63.15

12.2.16.5.2. Ethernet Frame Rates: 2



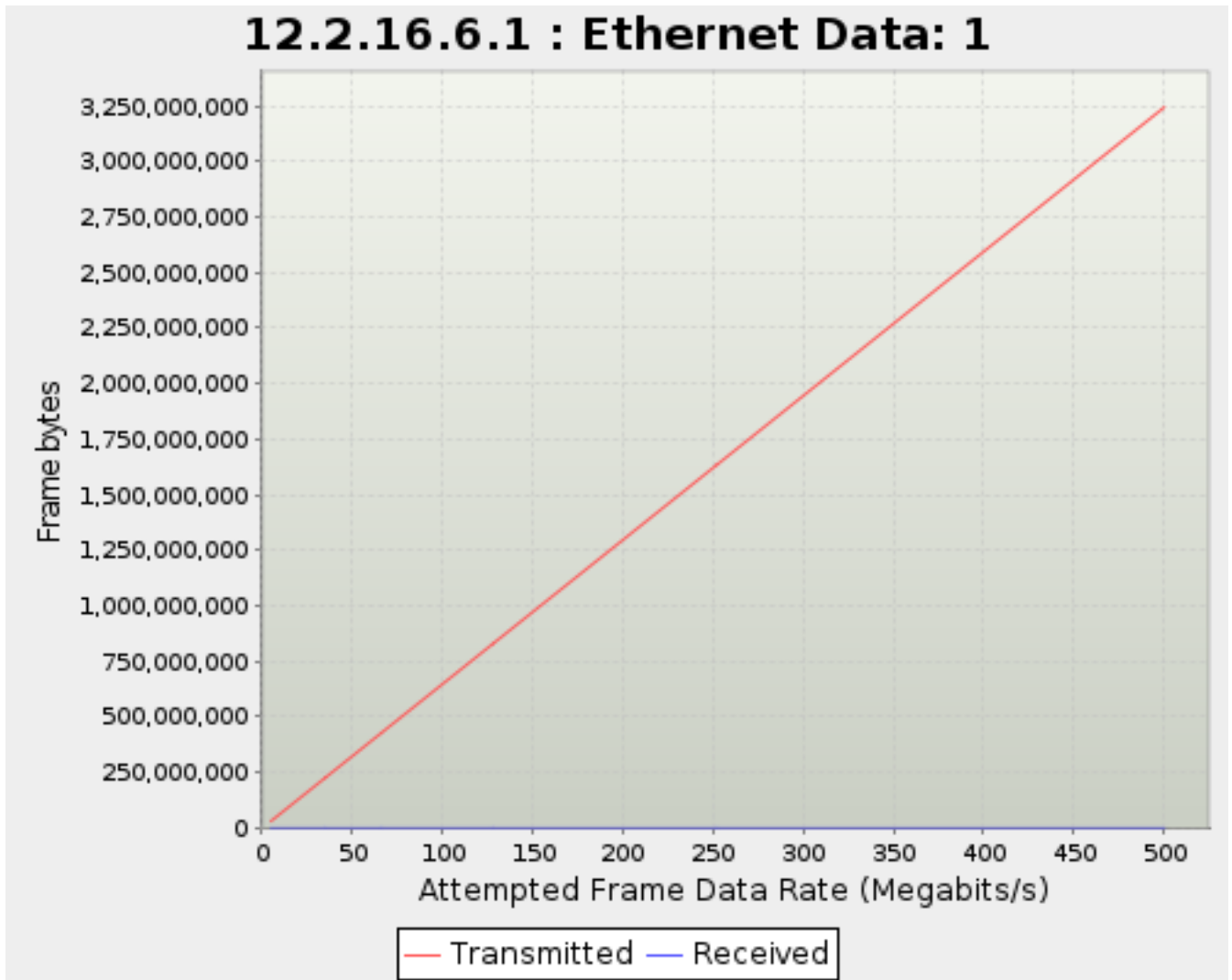
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	63.706	28.78	~4174
35	63.826	27.38	~29180
66	63.806	27.62	~52740
128	63.746	92.47	~33310
252	63.897	68.28	~26810
500	63.605	105.3	~34080

12.2.16.6. Ethernet Data



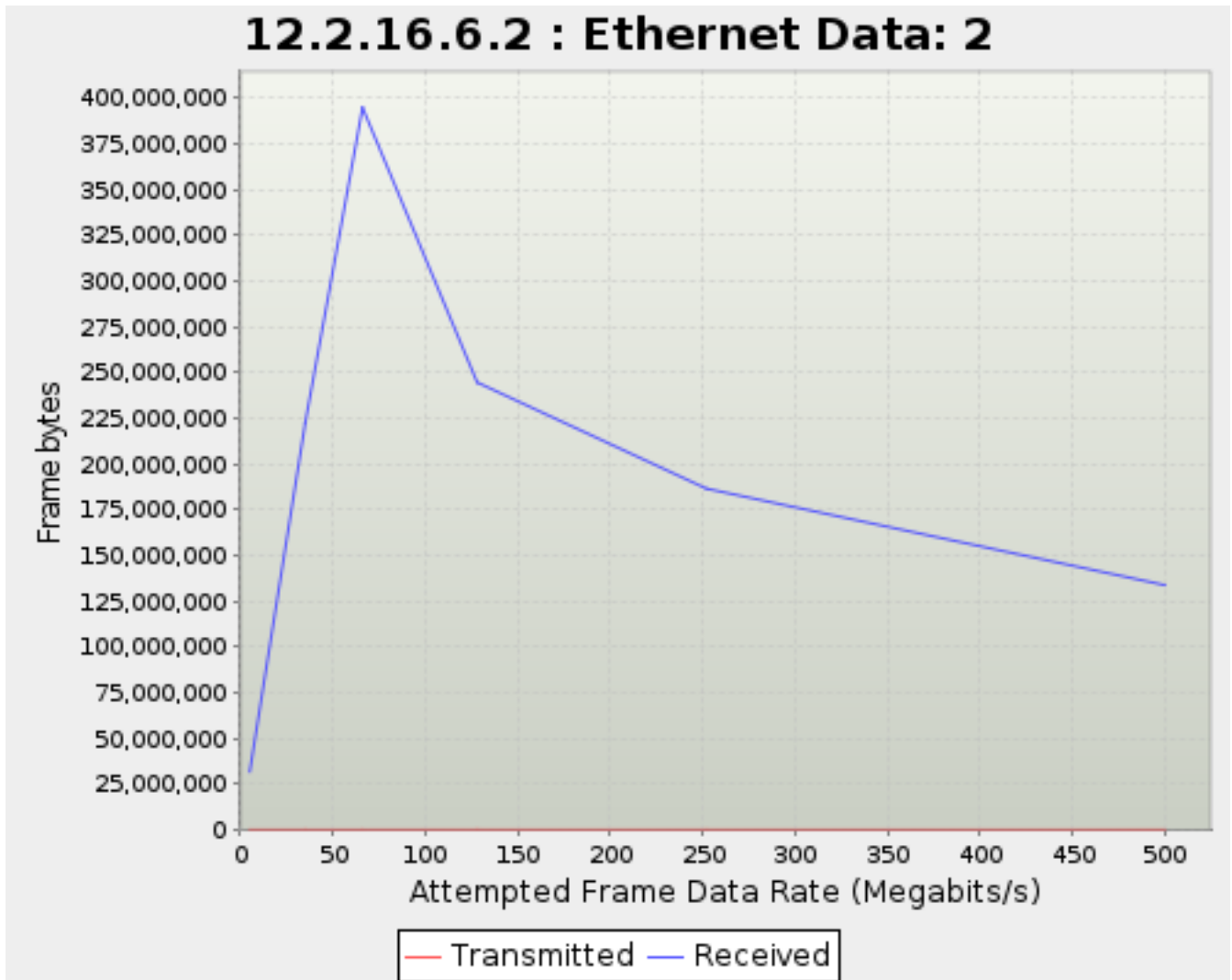
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	63.706	32,480,576	31,853,326 98.069%
35	63.826	227,071,680	222,563,062 98.014%
66	63.806	428,167,424	394,981,902 92.249%
128	63.746	830,327,872	244,701,969 29.471%
252	63.897	1,634,644,480	186,606,121 11.416%
500	63.605	3,243,319,808	133,859,225 4.127%

12.2.16.6.1. Ethernet Data: 1



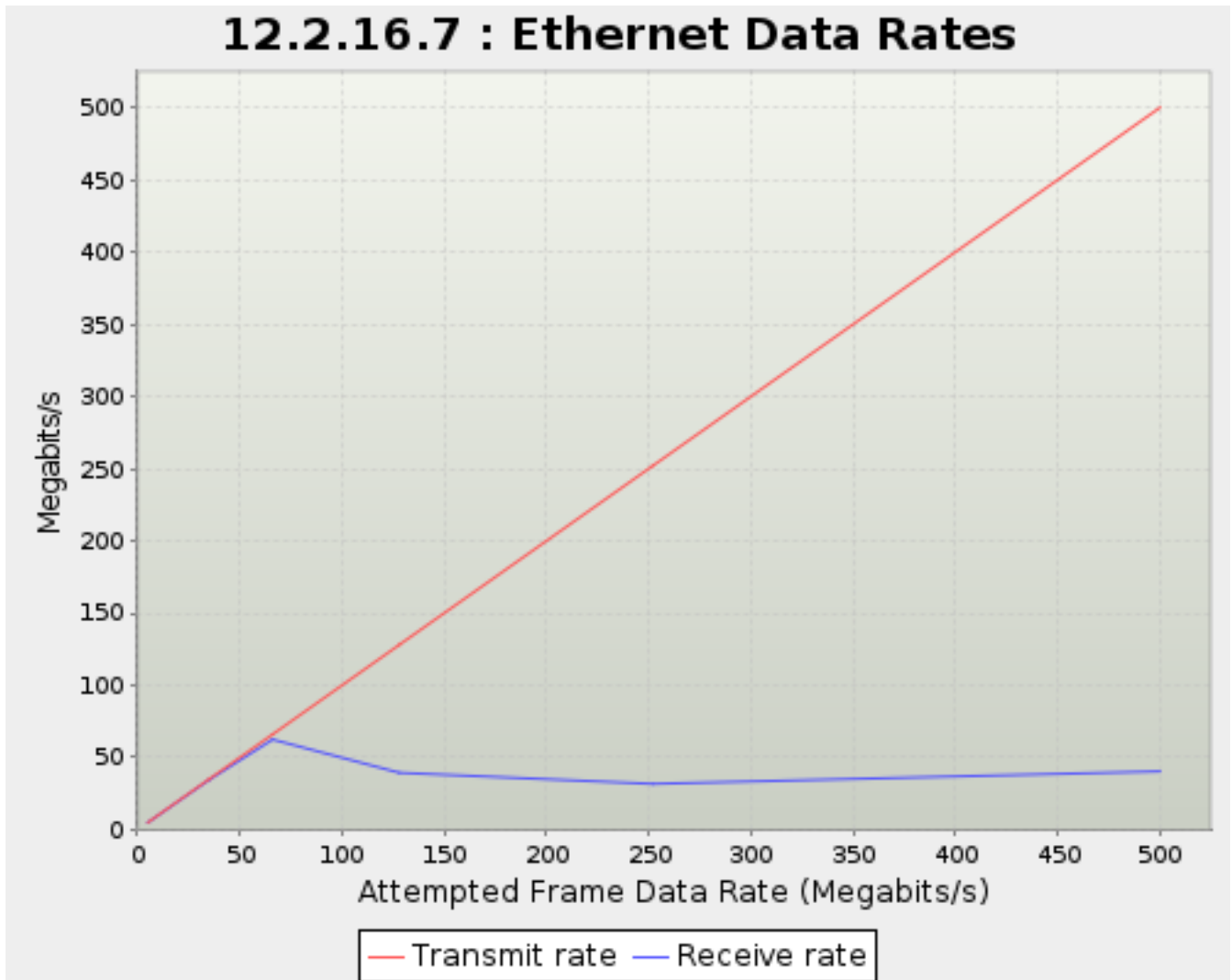
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	63.706	32,472,832	43,072 0.133%
35	63.826	227,067,456	43,008 0.019%
66	63.806	428,163,072	49,344 0.012%
128	63.746	830,311,616	37,760 0.005%
252	63.897	1,634,633,984	41,920 0.003%
500	63.605	3,243,305,472	59,648 0.002%

12.2.16.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	63.706	7,744	31,810,254 410772.908%
35	63.826	4,224	222,520,054 5267993.703%
66	63.806	4,352	394,932,558 9074737.086%
128	63.746	16,256	244,664,209 1505070.183%
252	63.897	10,496	186,564,201 177479.049%
500	63.605	14,336	133,799,577 933311.782%

12.2.16.7. Ethernet Data Rates



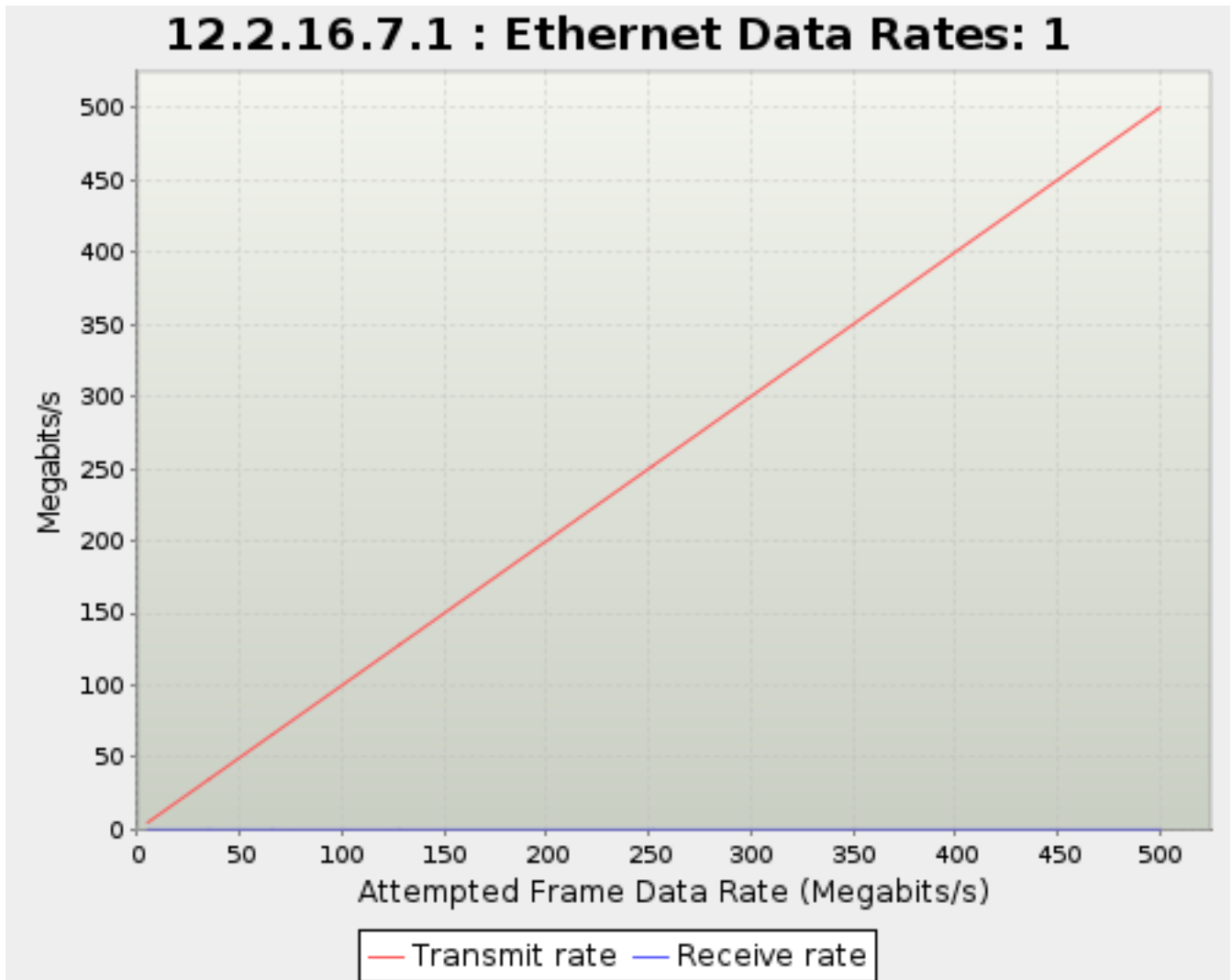
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	63.706	5.060	4.983
35	63.826	35.06	34.60
66	63.806	66.04	62.47
128	63.746	128.1	39.46
252	63.897	252.1	31.75
500	63.605	500.1	40.39

12.2.16.7.1. Ethernet Data Rates: 1



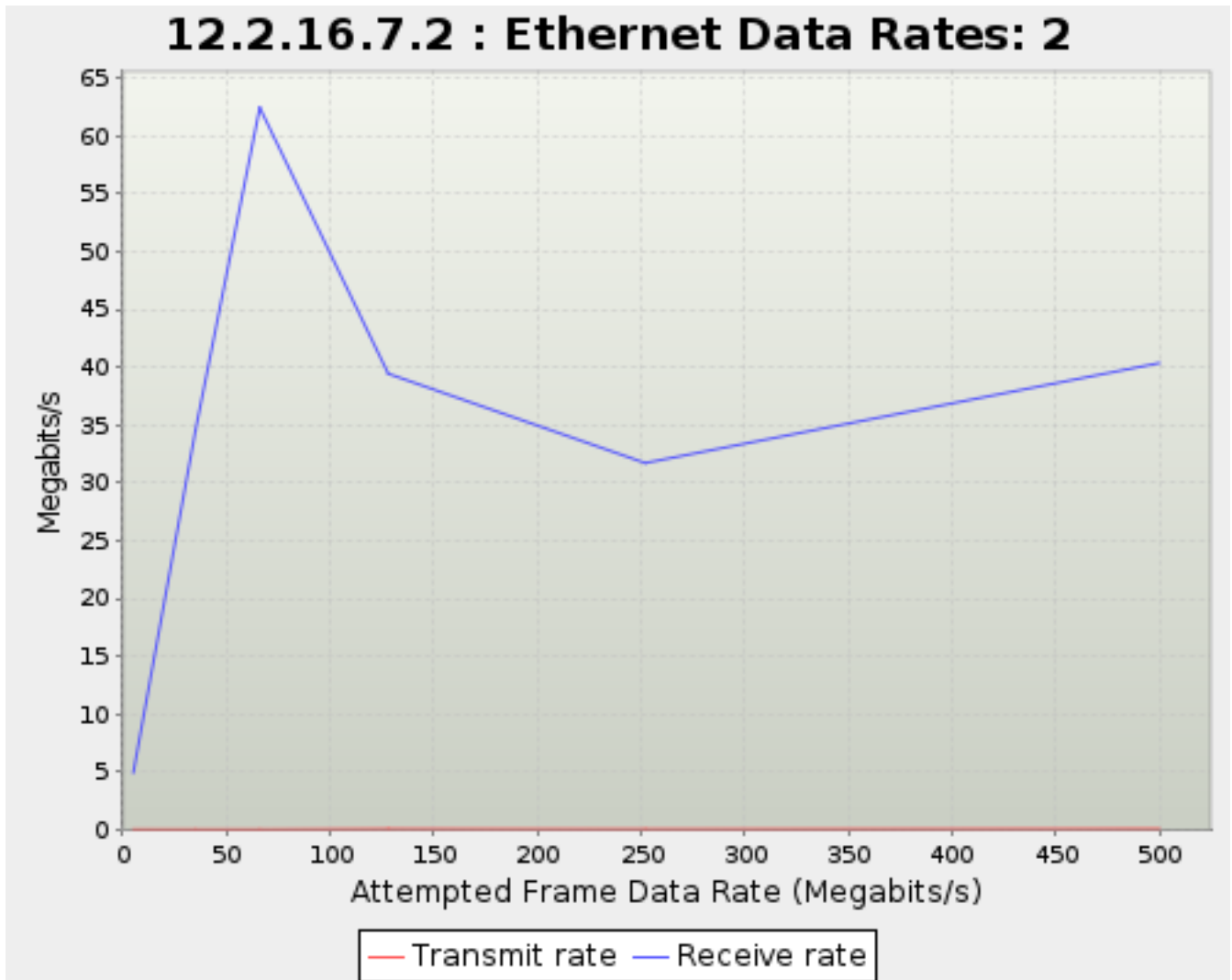
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	63.706	5.041	0.04042
35	63.826	35.04	0.04423
66	63.806	66.03	0.02586
128	63.746	~128	0.02492
252	63.897	~252	0.03503
500	63.605	~500	0.04244

12.2.16.7.2. Ethernet Data Rates: 2



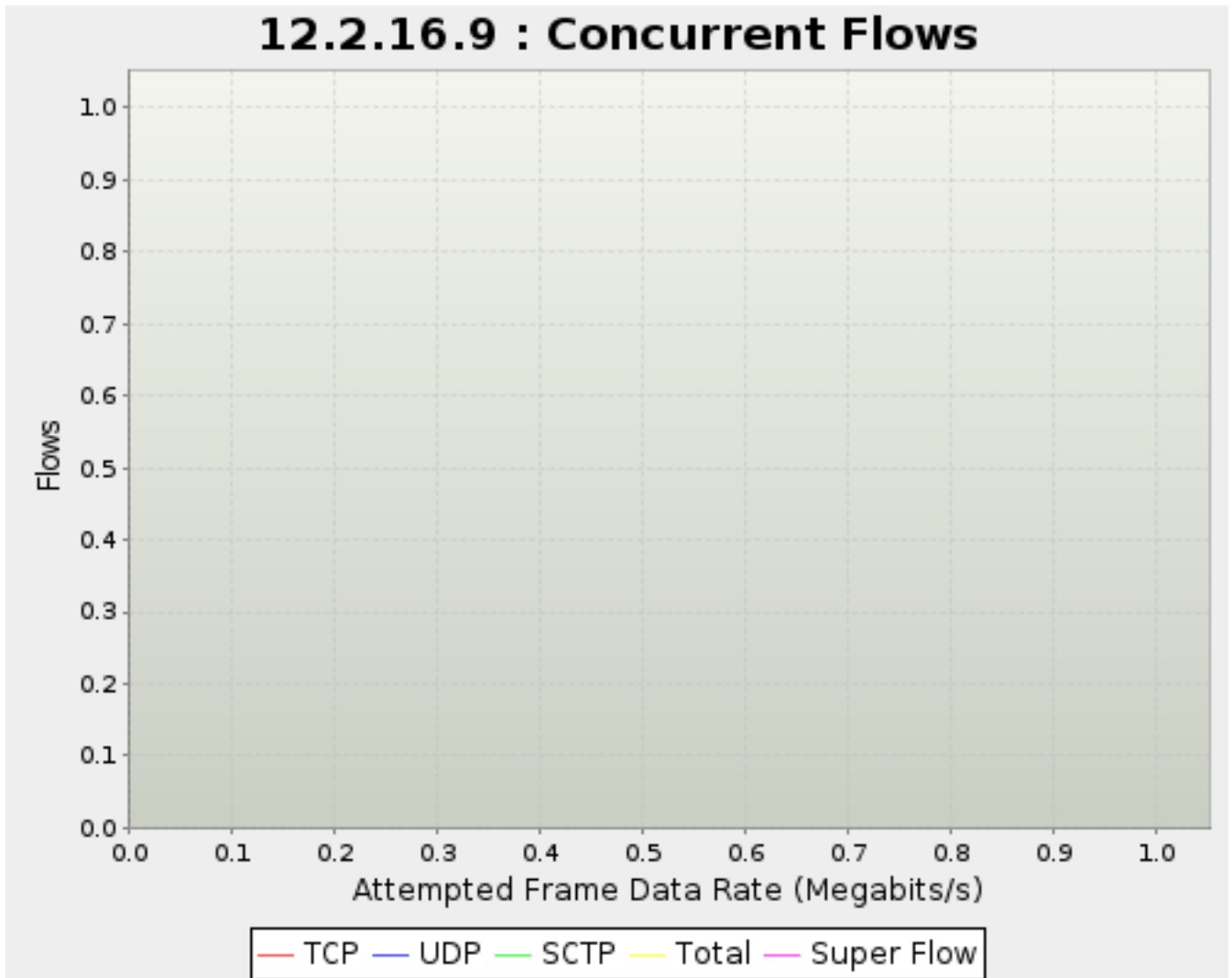
Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

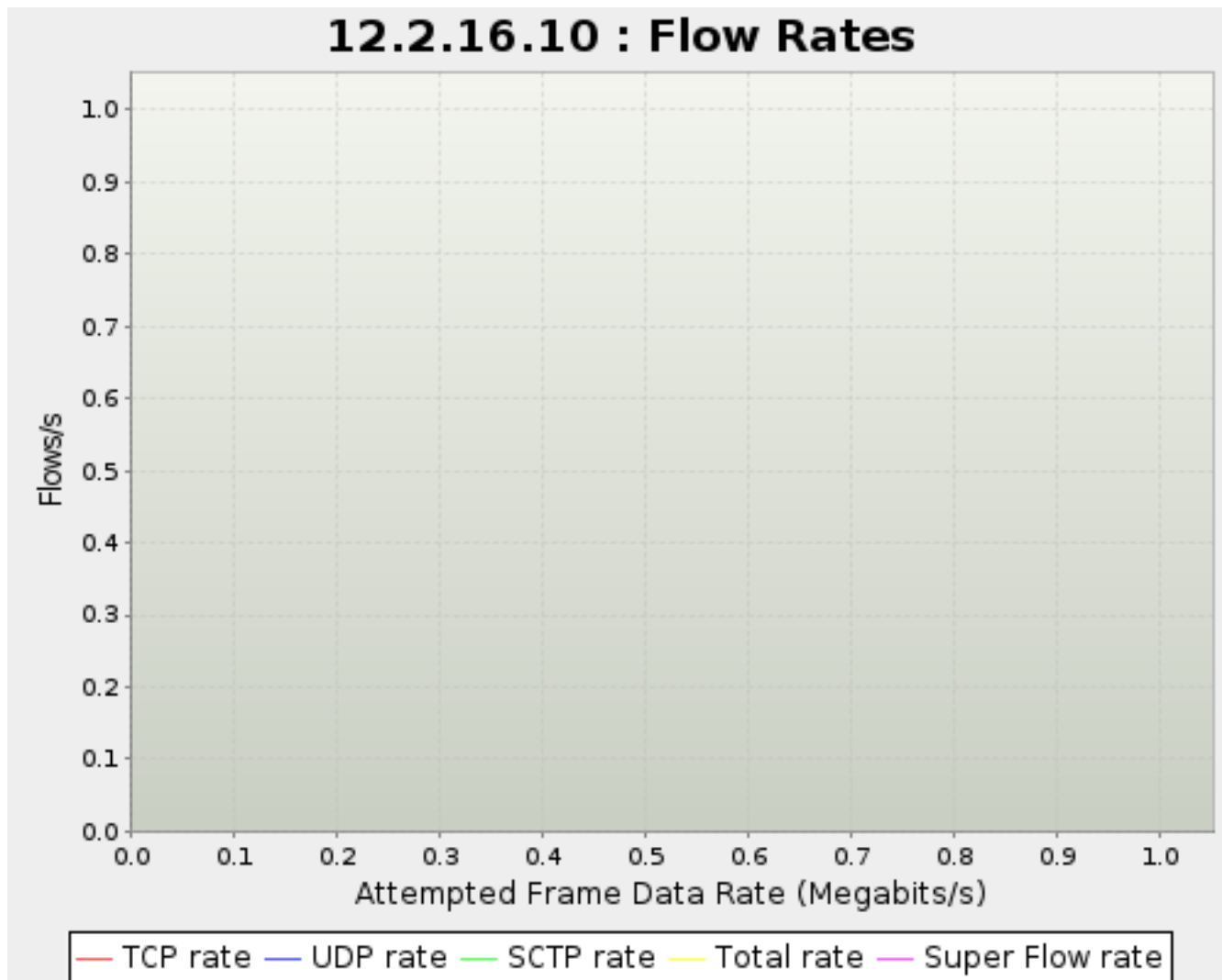
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	63.706	0.01934	4.943
35	63.826	0.01840	34.55
66	63.806	0.01856	62.44
128	63.746	0.06214	39.43
252	63.897	0.04589	31.71
500	63.605	0.07073	40.35

12.2.16.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
5	63.276	0	0	0	0	0
35	63.485	0	0	0	0	0
66	63.479	0	0	0	0	0
128	63.437	0	0	0	0	0
252	63.527	0	0	0	0	0
500	63.376	0	0	0	0	0

12.2.16.10. Flow Rates



Attempted Frame Data Rate	Timestamp	TCP rate	UDP rate	Sctp rate	Total rate	Super Flow rate
	<i>Seconds</i>	<i>Flows/s</i>				
5	63.276	0.00	0.00	0.00	0.00	0.00
35	63.485	0.00	0.00	0.00	0.00	0.00
66	63.479	0.00	0.00	0.00	0.00	0.00
128	63.437	0.00	0.00	0.00	0.00	0.00
252	63.527	0.00	0.00	0.00	0.00	0.00
500	63.376	0.00	0.00	0.00	0.00	0.00

12.2.16.11. Gateway Status

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
5	0		10.201.0.0/16	10.201.0.254	up
5	0		192.168.0.0/16	192.168.0.1	up
35	0		192.168.0.0/16	192.168.0.1	up
35	0		10.201.0.0/16	10.201.0.254	up
66	0		10.201.0.0/16	10.201.0.254	up
66	0		192.168.0.0/16	192.168.0.1	up
128	0		192.168.0.0/16	192.168.0.1	up
128	24.434		10.201.0.0/16	10.201.0.254	up
252	60.524		10.201.0.0/16	10.201.0.254	up
252	0		192.168.0.0/16	192.168.0.1	up
500	60.373		10.201.0.0/16	10.201.0.254	up
500	57.371		192.168.0.0/16	192.168.0.1	up

12.2.16.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
5	0		192.168.0.0/16	192.168.0.1	up
35	0		192.168.0.0/16	192.168.0.1	up
66	0		192.168.0.0/16	192.168.0.1	up
128	0		192.168.0.0/16	192.168.0.1	up
252	0		192.168.0.0/16	192.168.0.1	up
500	57.371		192.168.0.0/16	192.168.0.1	up

12.2.16.11.2. Gateway Status: 2

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
5	0		10.201.0.0/16	10.201.0.254	up
35	0		10.201.0.0/16	10.201.0.254	up
66	0		10.201.0.0/16	10.201.0.254	up
128	24.434		10.201.0.0/16	10.201.0.254	up
252	60.524		10.201.0.0/16	10.201.0.254	up
500	60.373		10.201.0.0/16	10.201.0.254	up

12.2.16.12. ARP

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
5	63.710	6	6	804	735	0	69	0	0
35	63.828	6	6	748	661	0	87	0	0
66	63.806	6	6	847	822	0	25	0	0
128	63.751	8	6	852	777	0	75	0	0
252	63.892	14	6	799	738	0	61	0	0
500	63.605	17	6	1,160	1,088	0	72	0	0

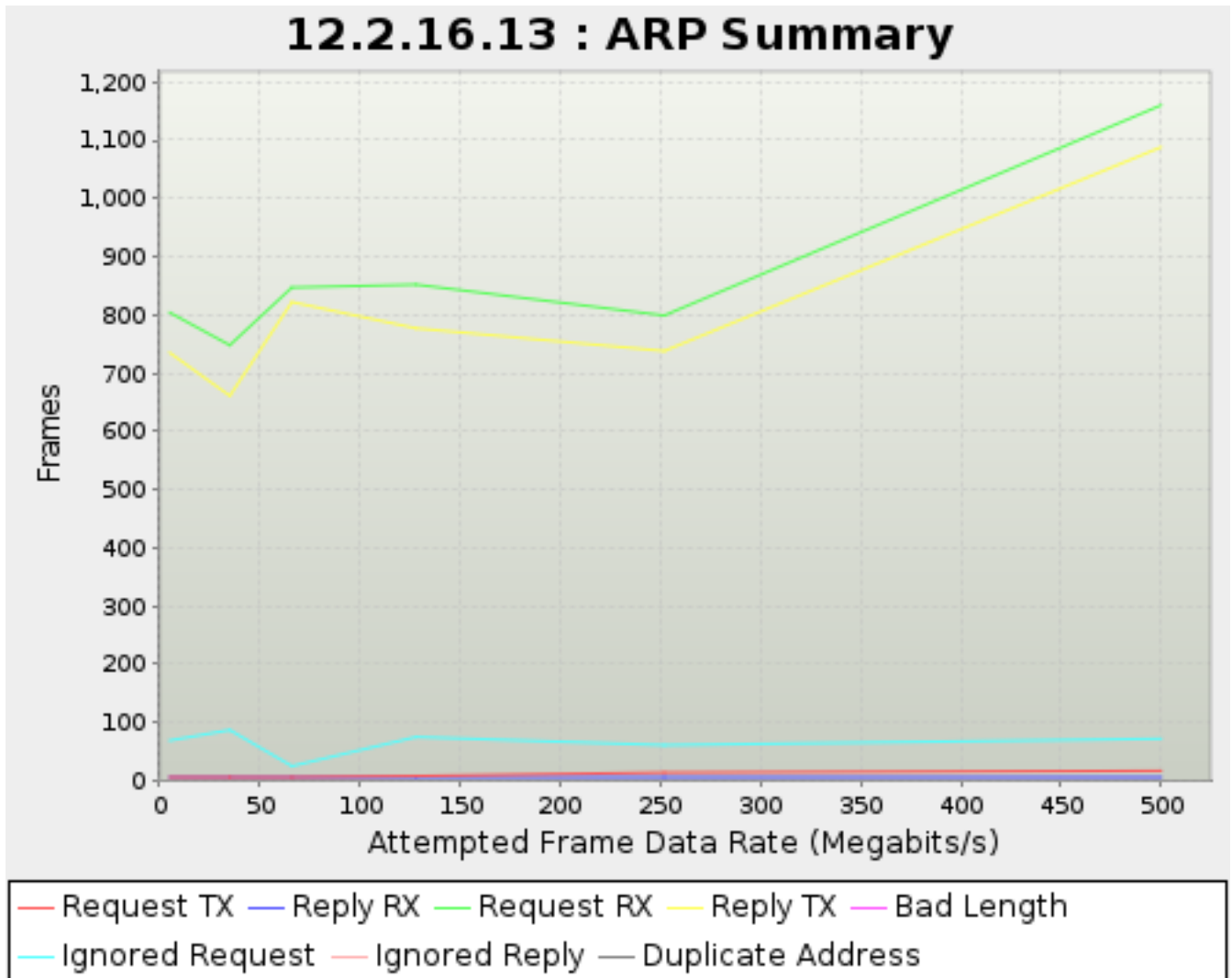
12.2.16.12.1. ARP: 1

Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
5	63.710	3	3	670	617	0	53	0	0
35	63.828	3	3	669	598	0	71	0	0
66	63.806	3	3	766	757	0	9	0	0
128	63.751	3	3	587	528	0	59	0	0
252	63.892	4	3	629	584	0	45	0	0
500	63.605	7	3	929	874	0	55	0	0

12.2.16.12.2. ARP: 2

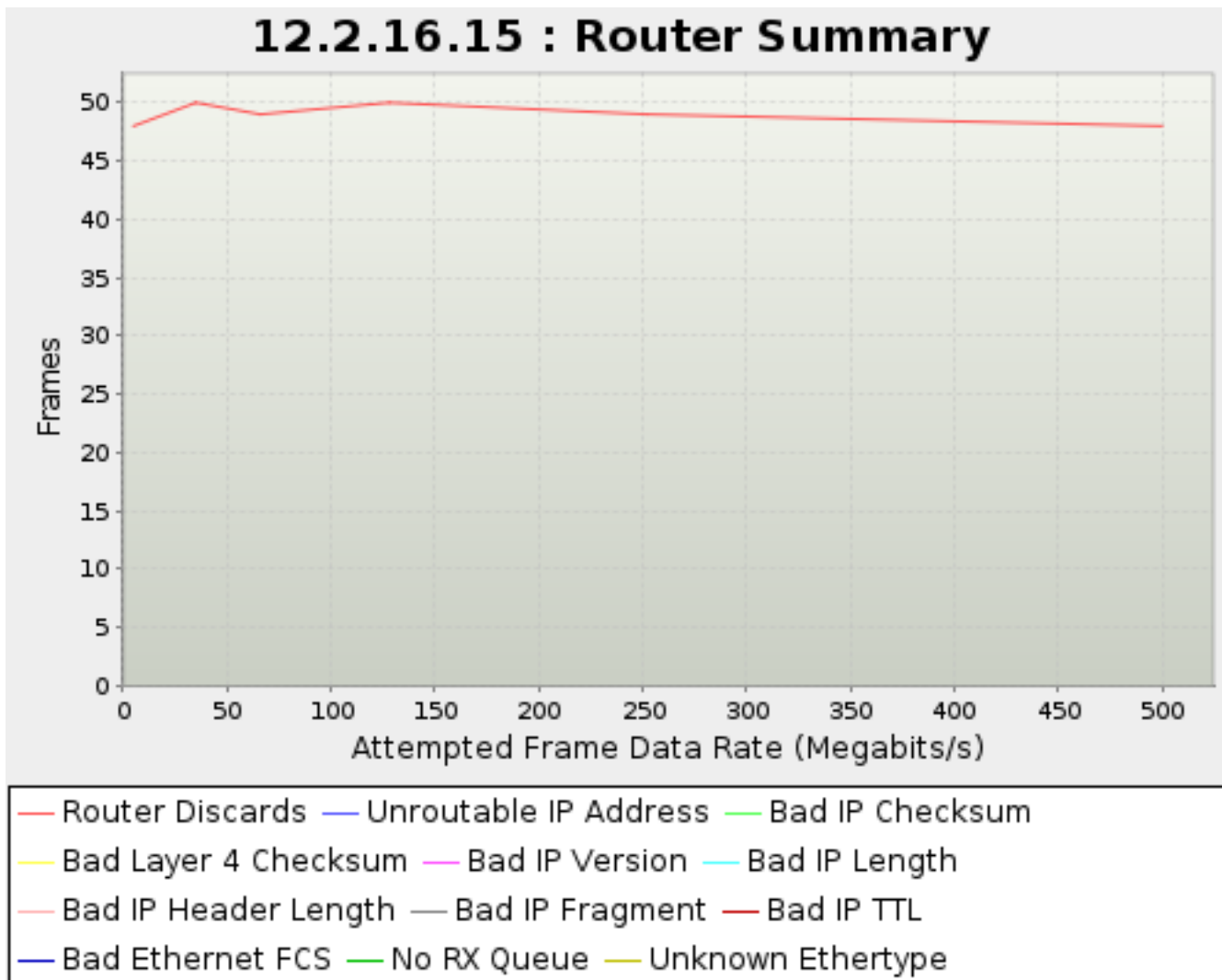
Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
5	63.710	3	3	134	118	0	16	0	0
35	63.828	3	3	79	63	0	16	0	0
66	63.806	3	3	81	65	0	16	0	0
128	63.751	5	3	265	249	0	16	0	0
252	63.892	10	3	170	154	0	16	0	0
500	63.605	10	3	231	214	0	17	0	0

12.2.16.13. ARP Summary



Attempted Frame Data Rate	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Frames</i>							
5	6	6	804	735	0	69	0	0
35	6	6	748	661	0	87	0	0
66	6	6	847	822	0	25	0	0
128	8	6	852	777	0	75	0	0
252	14	6	799	738	0	61	0	0
500	17	6	1,160	1,088	0	72	0	0

12.2.16.15. Router Summary



Attempted Frame Data Rate	Router Discards	Unroutable IP Address	Bad IP Checksum	Bad Layer 4 Checksum	Bad IP Version	Bad IP Length	Bad IP Header Length	Bad IP Fragment	Bad IP TTL	Bad Ethernet FCS	No RX Queue	Unknown Ethertype
	<i>Frames</i>											
5	48	0	0	0	0	0	0	0	0	0	0	0
35	50	0	0	0	0	0	0	0	0	0	0	0
66	49	0	0	0	0	0	0	0	0	0	0	0
128	50	0	0	0	0	0	0	0	0	0	0	0
252	49	0	0	0	0	0	0	0	0	0	0	0
500	48	0	0	0	0	0	0	0	0	0	0	0

12.2.17. System Controller 0 statistics

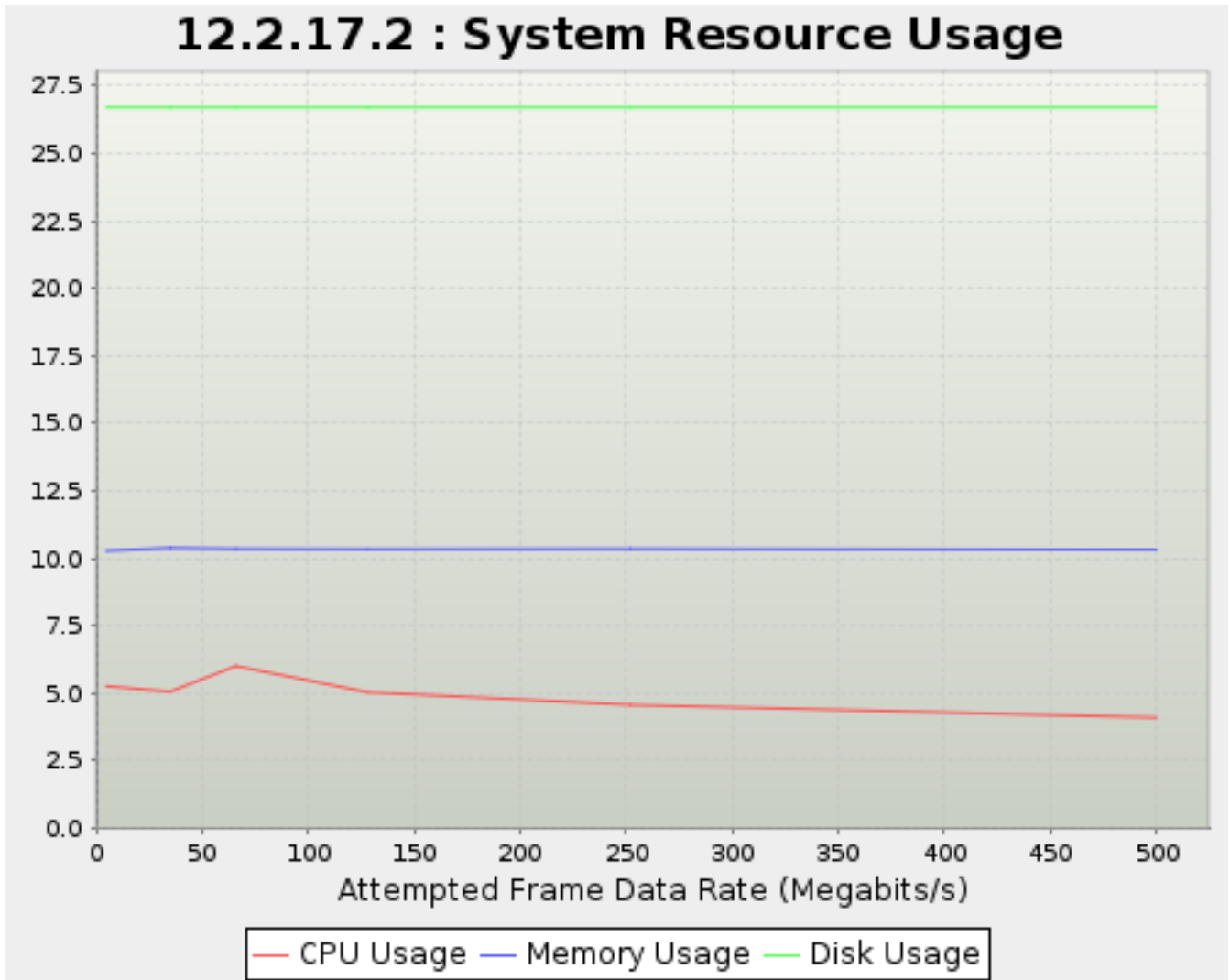
12.2.17.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

Component	Resource Used
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0, sc0

12.2.17.2. System Resource Usage



Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
5	63.714	5.26	10.28	26.71
35	63.831	5.06	10.38	26.71
66	63.811	6.01	10.35	26.71
128	63.753	5.04	10.34	26.71
252	63.901	4.57	10.35	26.71
500	63.611	4.10	10.32	26.71