

1. vMX RFC2544



Test Model: vMX RFC2544

Version: 7

Result: error

Date: March 2, 2019 9:59:33 PM GMT

Test Duration: 00:44:09.57

2. Revision History

Version	Run ID	Date	Author	Test Results
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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12.2.11.2	Gateway Status: 2
12.2.12	ARP
12.2.12.1	ARP: 1

Section ID	Section Name
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	

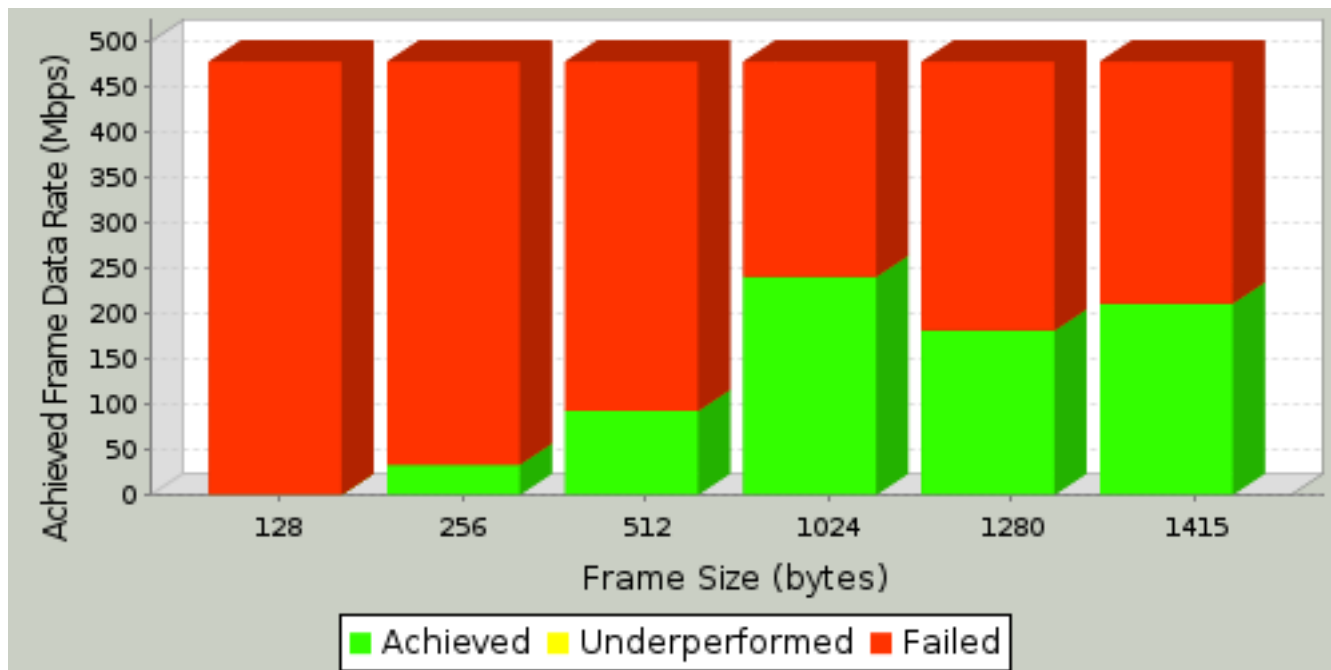
Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	true	false	random_ip

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

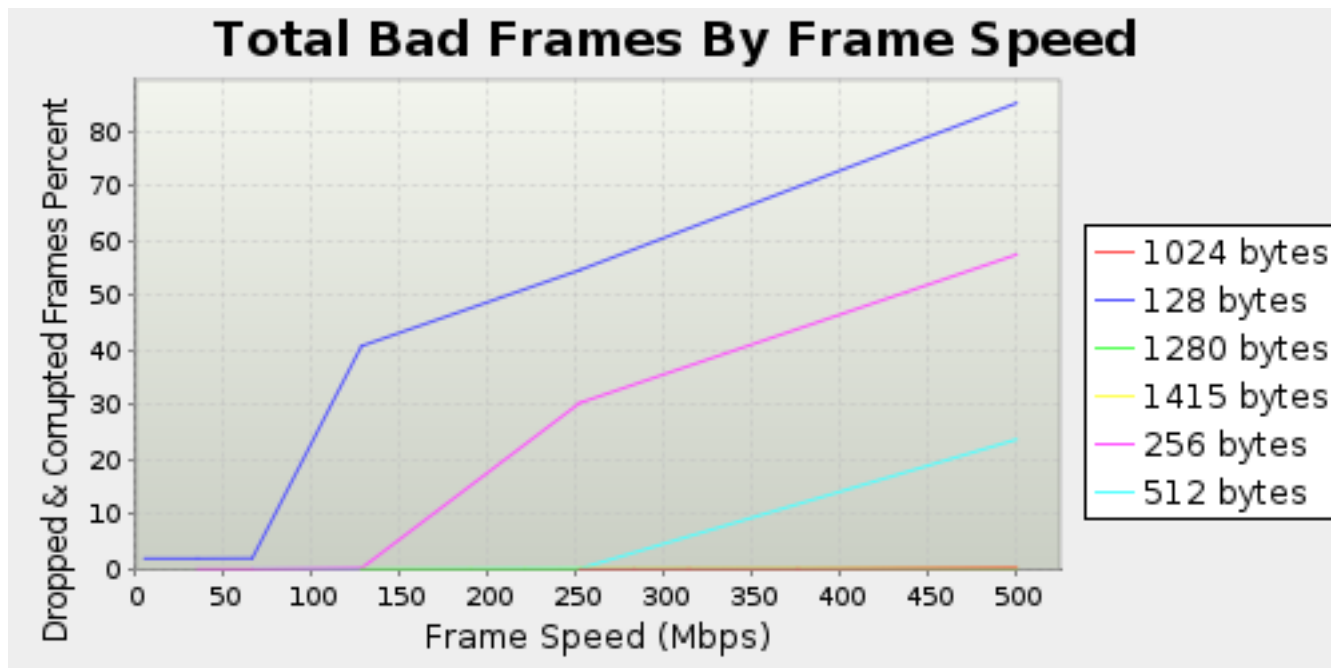
6. Test Summary Results



Frame Size	Attempted Frame Data Rate	Achieved Frame Data Rate	Result	Minimum	Maximum	Average us	Transmitted	Dropped	Drop %	Corrupted	Corrupt %
<i>Bytes</i>	<i>Mbps</i>	<i>Mbps</i>		<i>Latency in us</i>			<i>Frames</i>				
1415	500	502	failed	162.54	64,077.13	627.559	2,613,240	3,731	0.143%	0	0.000%
1415	252	253	failed	172.35	47,244.1	530.951	1,317,060	498	0.038%	0	0.000%
1415	128	128	achieved	111.66	18,075.95	315.221	668,940	0	0.000%	0	0.000%
1415	190	190	achieved	148.11	17,105.72	457.282	993,000	0	0.000%	0	0.000%
1415	221	221	achieved	116.44	17,036.62	459.770	1,155,000	0	0.000%	0	0.000%
1280	500	501	failed	174.61	20,042.5	614.986	2,884,560	1,792	0.062%	0	0.000%
1280	252	252	failed	160.26	23,932.72	485.551	1,453,800	77	0.005%	0	0.000%
1280	128	128	achieved	107.08	11,310.32	302.274	738,420	0	0.000%	0	0.000%
1280	190	190	achieved	148.51	18,091.22	462.651	1,096,140	0	0.000%	0	0.000%
1280	221	222	failed	152.5	26,117.56	489.964	1,275,000	21	0.002%	0	0.000%
1024	500	501	failed	199.74	31,115.34	668.057	3,591,900	9,011	0.251%	0	0.000%
1024	252	252	achieved	129.78	10,506.62	504.627	1,810,320	0	0.000%	0	0.000%
1024	376	379	failed	169.63	15,400.94	599.659	2,701,140	1,154	0.043%	0	0.000%
1024	314	314	failed	163.67	30,311.14	510.351	2,255,700	616	0.027%	0	0.000%
1024	283	283	failed	151.7	13,743.03	497.019	2,033,040	35	0.002%	0	0.000%
512	500	399	failed	1,908.96	45,301.6	4,025.692	7,048,860	1,669,975	23.691%	0	0.000%
512	252	253	failed	179.33	24,326.66	629.235	3,552,600	4,423	0.125%	0	0.000%
512	128	128	failed	99.31	28,864.58	334.590	1,804,500	120	0.007%	0	0.000%
512	66	66	achieved	92.28	18,989.25	285.892	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	achieved	85.68	13,375.81	290.806	1,367,460	0	0.000%	0	0.000%
256	500	232	failed	3,499.09	88,095.67	43,420.395	13,586,940	7,801,474	57.419%	0	0.000%
256	252	182	failed	2,480.47	29,876.6	4,704.434	6,847,800	2,079,113	30.362%	0	0.000%
256	128	128	failed	155.6	17,899.98	612.417	3,478,260	6,483	0.186%	0	0.000%
256	66	66	failed	82.19	11,228.04	474.219	1,793,460	2	0.000%	0	0.000%
256	35	35	achieved	96.88	12,550.11	407.164	951,060	0	0.000%	0	0.000%
128	500	78	failed	3,845.87	83,359.28	52,183.398	25,337,820	21,555,083	85.071%	0	0.000%
128	252	121	failed	2,482.85	88,852.2	50,484.980	12,770,220	6,974,089	54.612%	0	0.000%
128	128	78	failed	3,933.22	38,602.85	9,013.274	6,486,480	2,642,430	40.738%	0	0.000%
128	66	65	failed	114.59	13,277.86	479.836	3,344,580	67,088	2.006%	0	0.000%
128	35	34	failed	75.04	15,032.99	436.497	1,773,600	34,774	1.961%	0	0.000%
128	5	4	failed	97.52	14,918.95	332.063	253,320	4,966	1.960%	0	0.000%

6.1. Bad Frames Summary



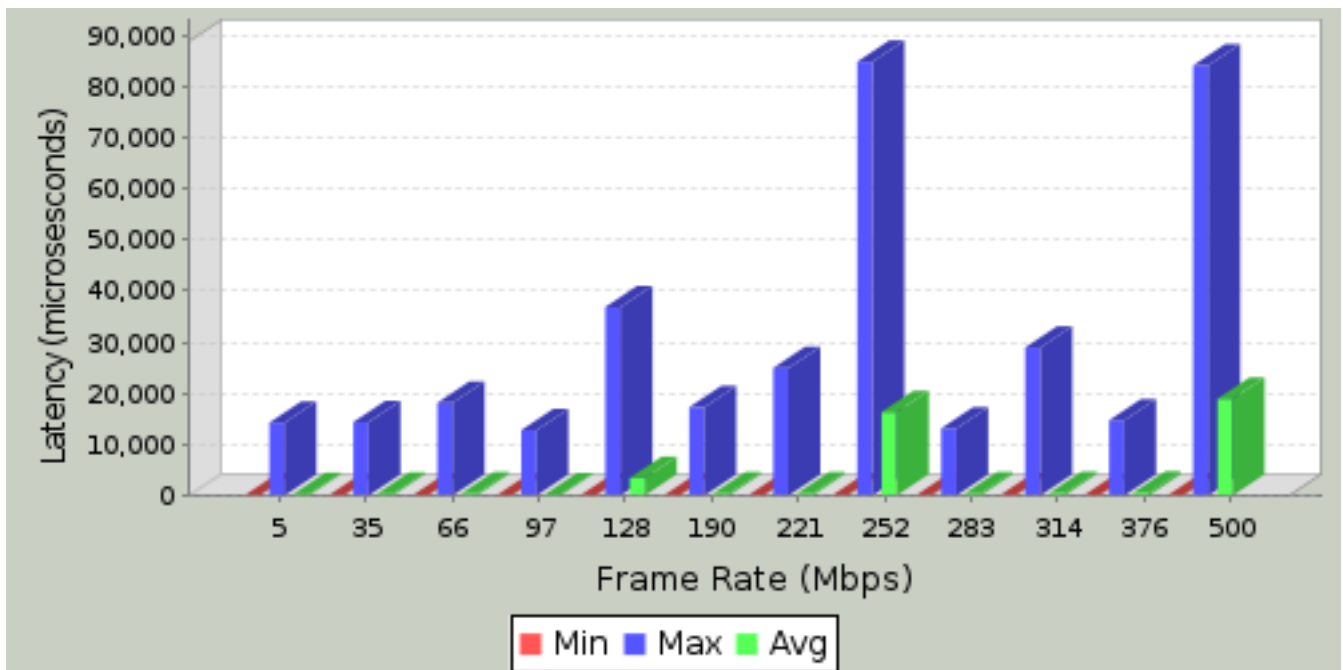
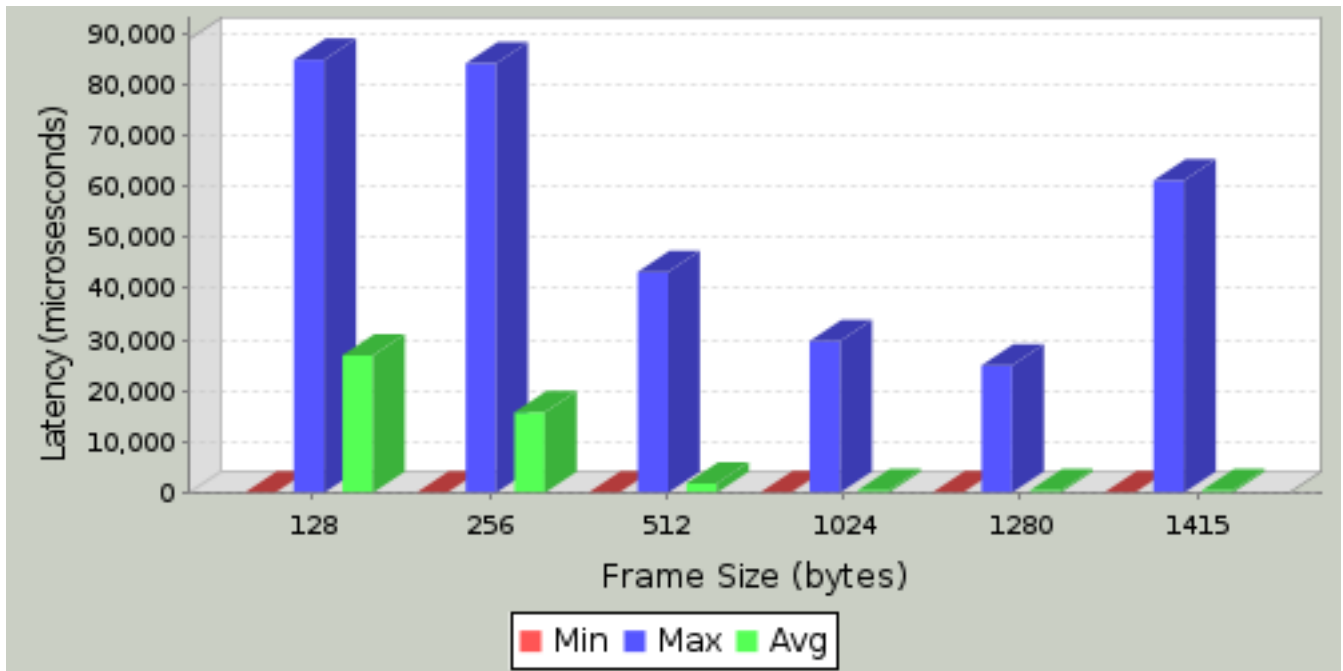
Maximum Allowed Dropped Packets Before Test Failure : 1.0E-13%

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	2,609,509	3,731	0.143%	0	0	0.143%
1415	252	1,317,060	1,316,562	498	0.038%	0	0	0.038%
1415	128	668,940	668,940	0	0	0	0	0
1415	190	993,000	993,000	0	0	0	0	0
1415	221	1,155,000	1,155,000	0	0	0	0	0
1280	500	2,884,560	2,882,768	1,792	0.062%	0	0	0.062%
1280	252	1,453,800	1,453,723	77	0.005%	0	0	0.005%
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	1,274,979	21	0.002%	0	0	0.002%
1024	500	3,591,900	3,582,889	9,011	0.251%	0	0	0.251%
1024	252	1,810,320	1,810,320	0	0	0	0	0
1024	376	2,701,140	2,699,986	1,154	0.043%	0	0	0.043%
1024	314	2,255,700	2,255,084	616	0.027%	0	0	0.027%
1024	283	2,033,040	2,033,005	35	0.002%	0	0	0.002%
512	500	7,048,860	5,378,885	1,669,975	23.691%	0	0	23.691%
512	252	3,552,600	3,548,177	4,423	0.125%	0	0	0.125%
512	128	1,804,500	1,804,380	120	0.007%	0	0	0.007%
512	66	930,420	930,420	0	0	0	0	0
512	97	1,367,460	1,367,460	0	0	0	0	0
256	500	13,586,940	5,785,466	7,801,474	57.419%	0	0	57.419%
256	252	6,847,800	4,768,687	2,079,113	30.362%	0	0	30.362%
256	128	3,478,260	3,471,777	6,483	0.186%	0	0	0.186%
256	66	1,793,460	1,793,458	2	0.000%	0	0	0.000%
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	3,782,737	21,555,083	85.071%	0	0	85.071%
128	252	12,770,220	5,796,131	6,974,089	54.612%	0	0	54.612%
128	128	6,486,480	3,844,050	2,642,430	40.738%	0	0	40.738%
128	66	3,344,580	3,277,492	67,088	2.006%	0	0	2.006%
128	35	1,773,600	1,738,826	34,774	1.961%	0	0	1.961%
128	5	253,320	248,354	4,966	1.960%	0	0	1.960%

6.2. Latency Summary



Frame Size	Frame Rate	Minimum	Maximum	Average
<i>Bytes</i>	<i>Mbps</i>	<i>microseconds</i>		
1415	500	162.54	64,077.13	627.559
1415	252	172.35	47,244.1	530.951
1415	128	111.66	18,075.95	315.221
1415	190	148.11	17,105.72	457.282
1415	221	116.44	17,036.62	459.770
1280	500	174.61	20,042.5	614.986
1280	252	160.26	23,932.72	485.551
1280	128	107.08	11,310.32	302.274
1280	190	148.51	18,091.22	462.651
1280	221	152.5	26,117.56	489.964
1024	500	199.74	31,115.34	668.057
1024	252	129.78	10,506.62	504.627
1024	376	169.63	15,400.94	599.659
1024	314	163.67	30,311.14	510.351

Frame Size	Frame Rate	Minimum	Maximum	Average
<i>Bytes</i>	<i>Mbps</i>	<i>microseconds</i>		
1024	283	151.7	13,743.03	497.019
512	500	1,908.96	45,301.6	4,025.692
512	252	179.33	24,326.66	629.235
512	128	99.31	28,864.58	334.590
512	66	92.28	18,989.25	285.892
512	97	85.68	13,375.81	290.806
256	500	3,499.09	88,095.67	43,420.395
256	252	2,480.47	29,876.6	4,704.434
256	128	155.6	17,899.98	612.417
256	66	82.19	11,228.04	474.219
256	35	96.88	12,550.11	407.164
128	500	3,845.87	83,359.28	52,183.398
128	252	2,482.85	88,852.2	50,484.980
128	128	3,933.22	38,602.85	9,013.274
128	66	114.59	13,277.86	479.836
128	35	75.04	15,032.99	436.497
128	5	97.52	14,918.95	332.063

7. Frame Rate: 1415

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	502 Mbps	failed
252 Mbps	253 Mbps	failed
128 Mbps	128 Mbps	Achieved
190 Mbps	190 Mbps	Achieved
221 Mbps	221 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

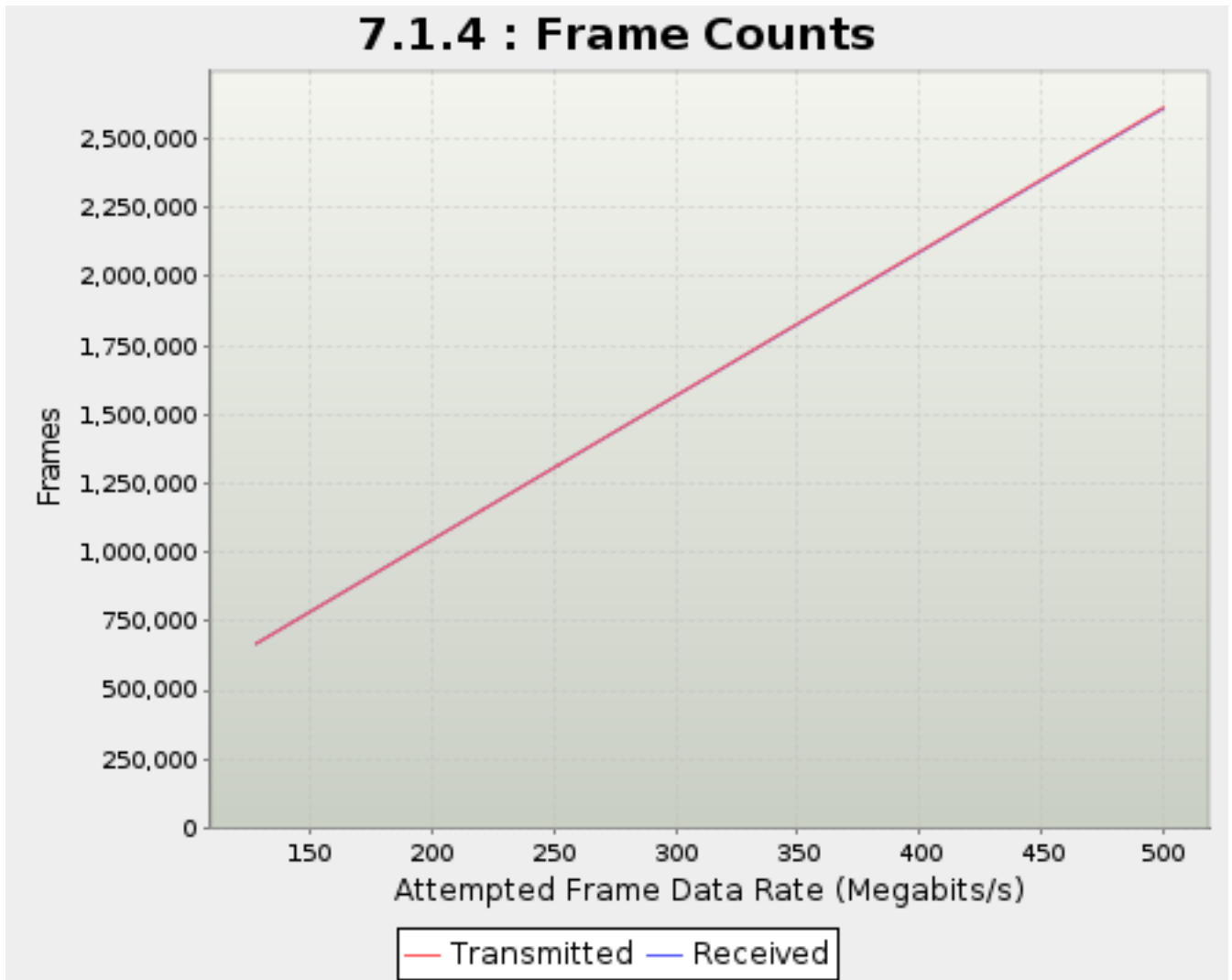
Number	Description
1	No predefined test criteria.

7.1.3. Traffic Appearance

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

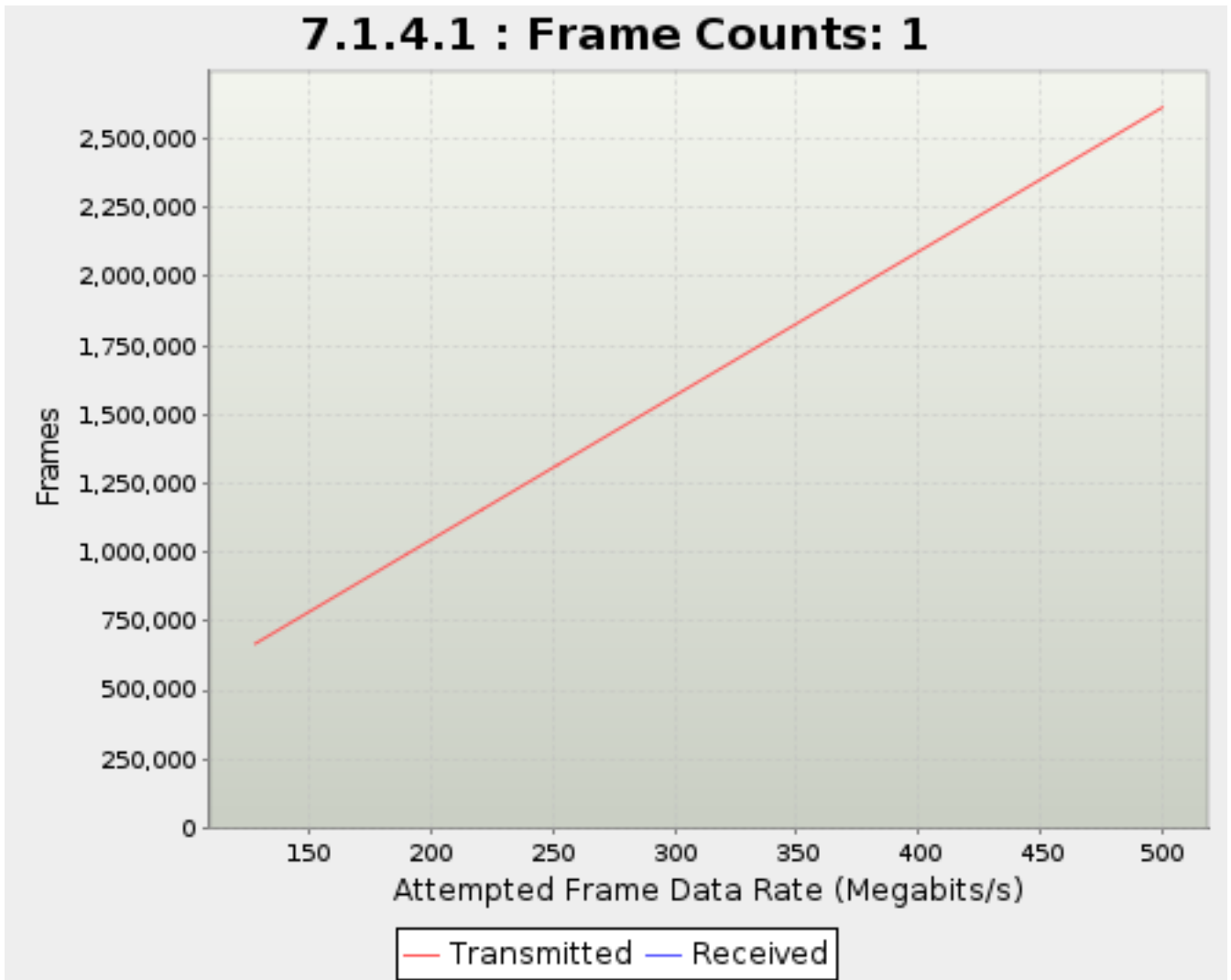
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

7.1.4. Frame Counts



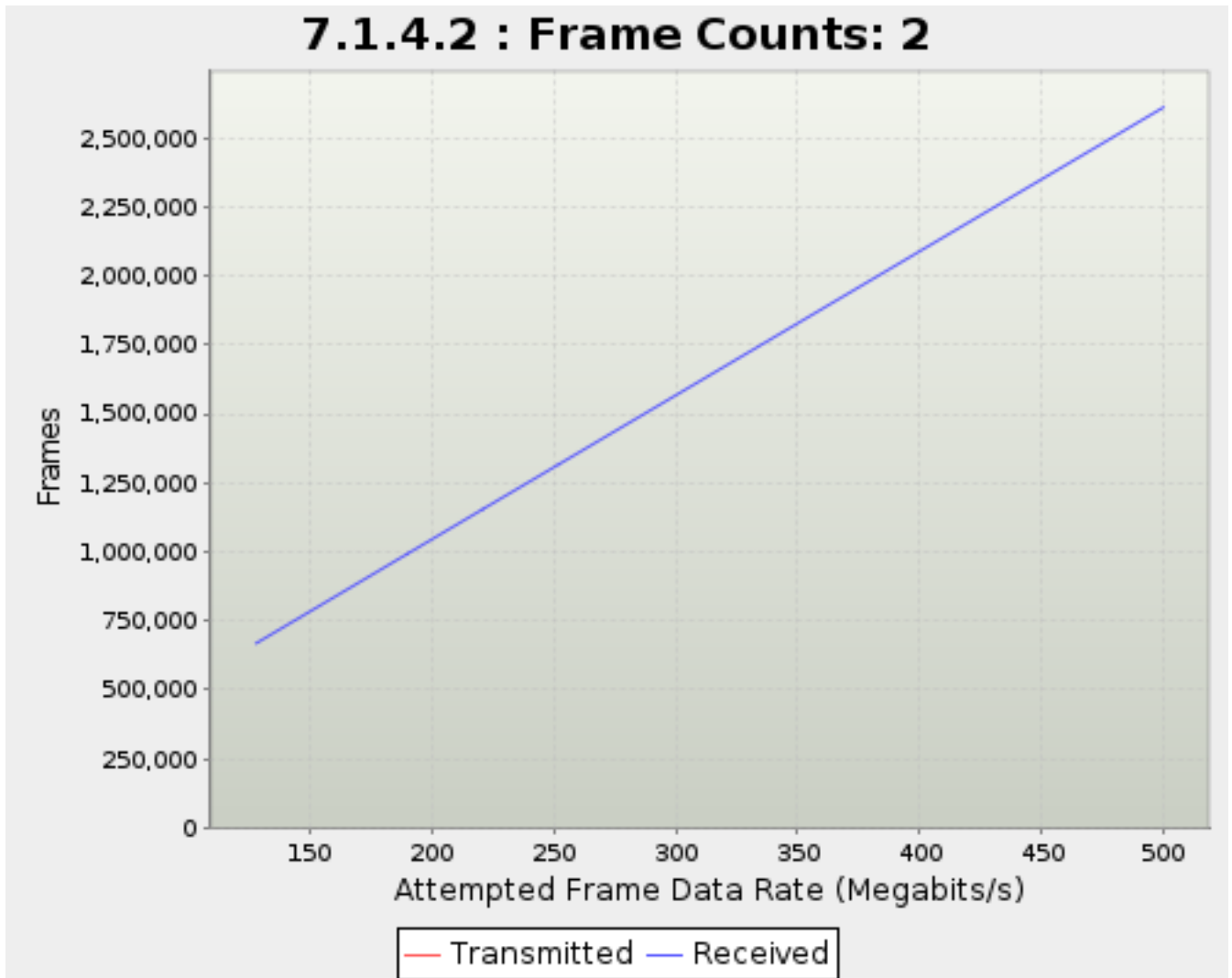
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.061	668,940	668,940
190	63.756	993,000	993,000
221	63.121	1,155,000	1,155,000
252	63.776	1,317,060	1,316,562
500	63.141	2,613,240	2,609,509

7.1.4.1. Frame Counts: 1



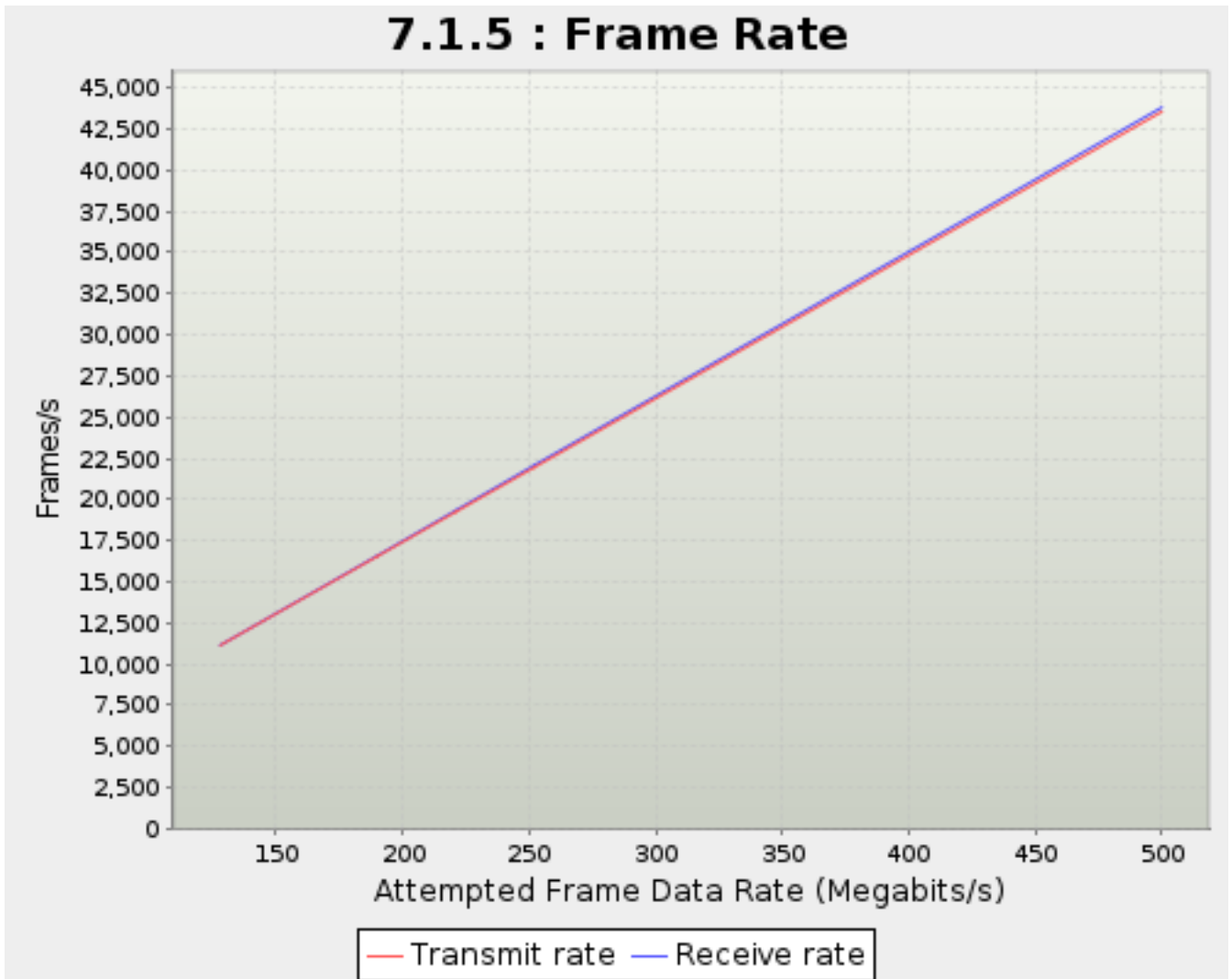
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received
128	63.061	668,940	0
190	63.756	993,000	0
221	63.121	1,155,000	0
252	63.776	1,317,060	0
500	63.141	2,613,240	0

7.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.061	0	668,940
190	63.756	0	993,000
221	63.121	0	1,155,000
252	63.776	0	1,316,562
500	63.141	0	2,609,509

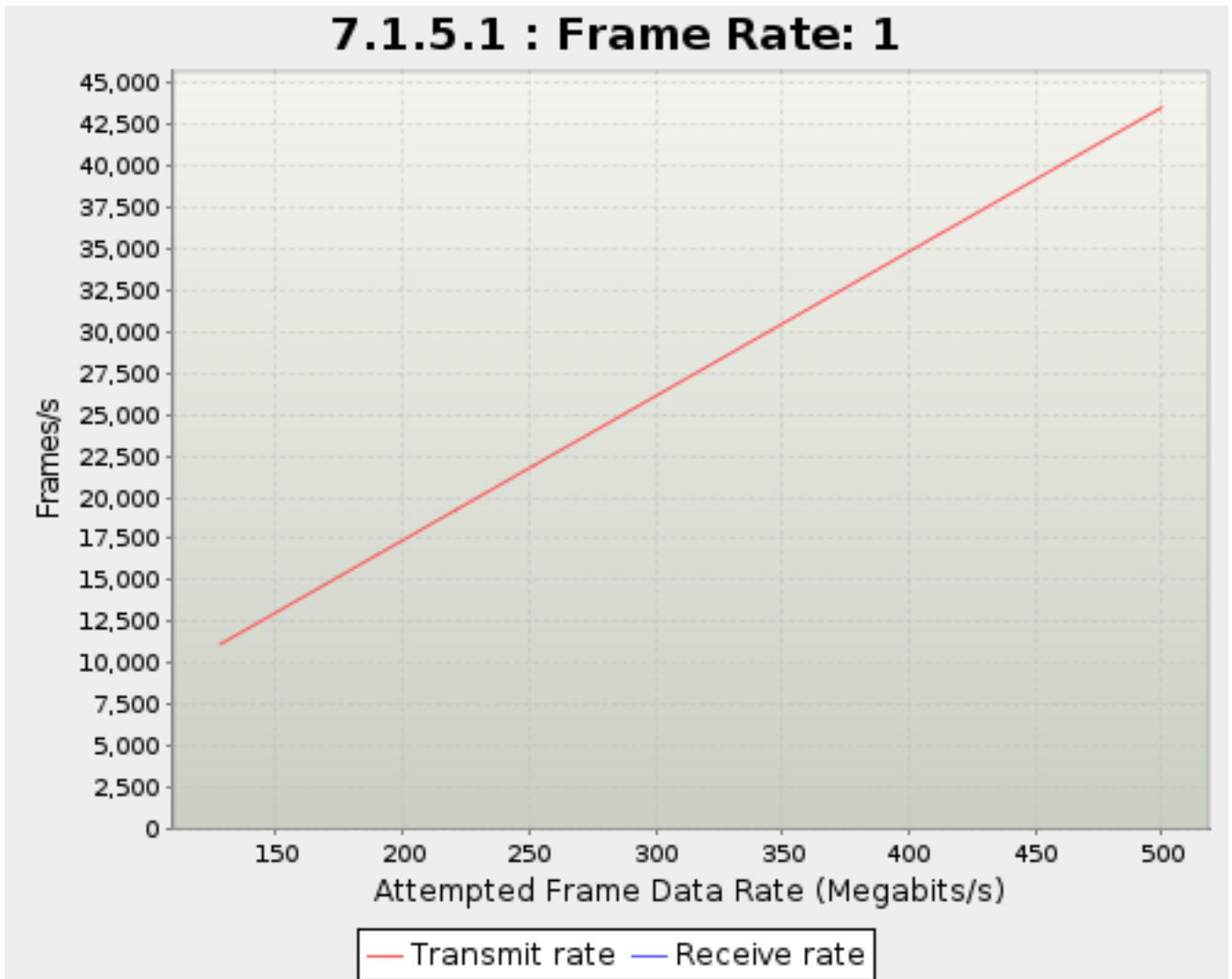
7.1.5. Frame Rate



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	63.061	~11150	~11160
190	63.756	~16550	~16590
221	63.121	~19250	~19340
252	63.776	~21950	~22080
500	63.141	~43550	~43810

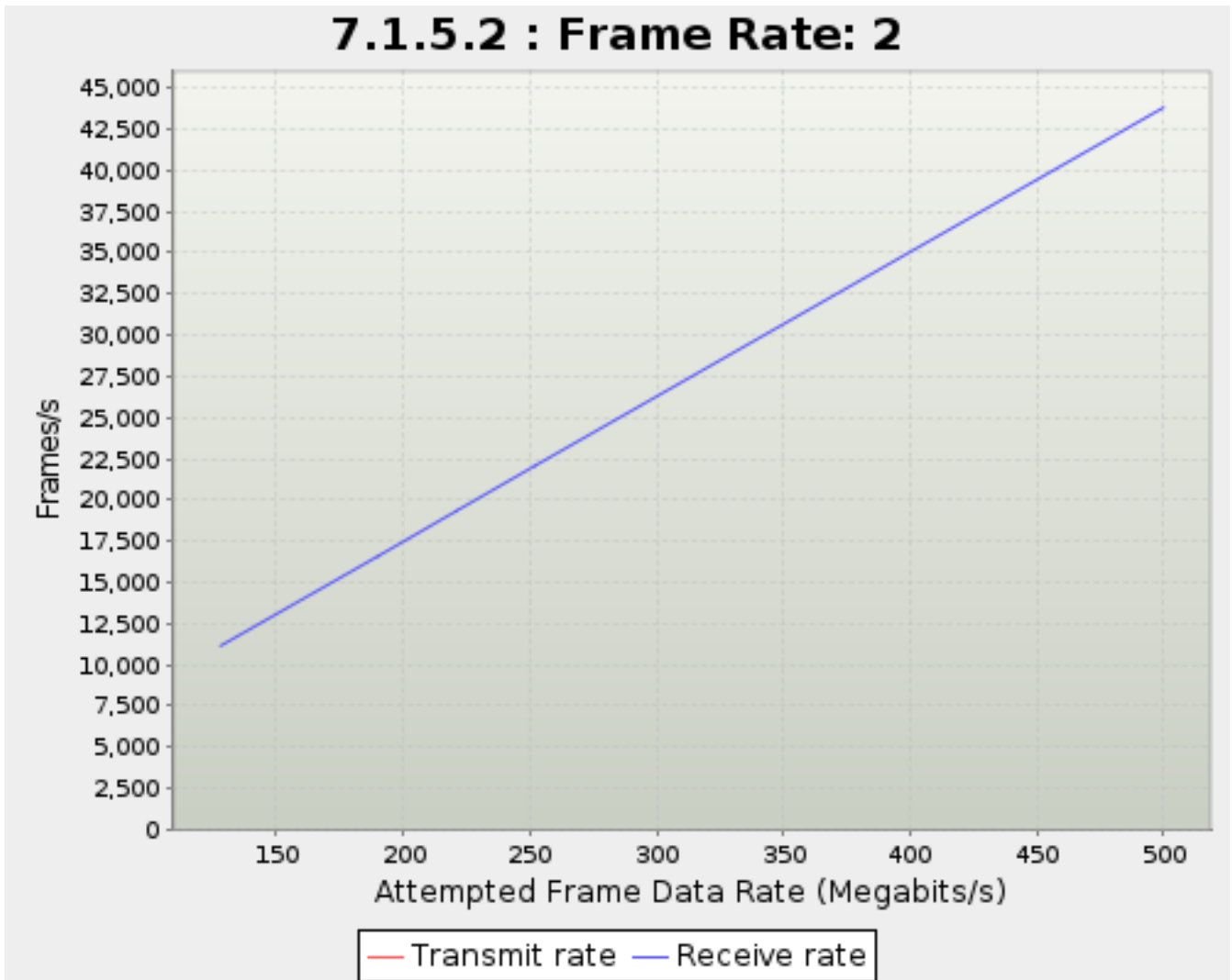
7.1.5.1. Frame Rate: 1



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	63.061	~11150	0.00
190	63.756	~16550	0.00
221	63.121	~19250	0.00
252	63.776	~21950	0.00
500	63.141	~43550	0.00

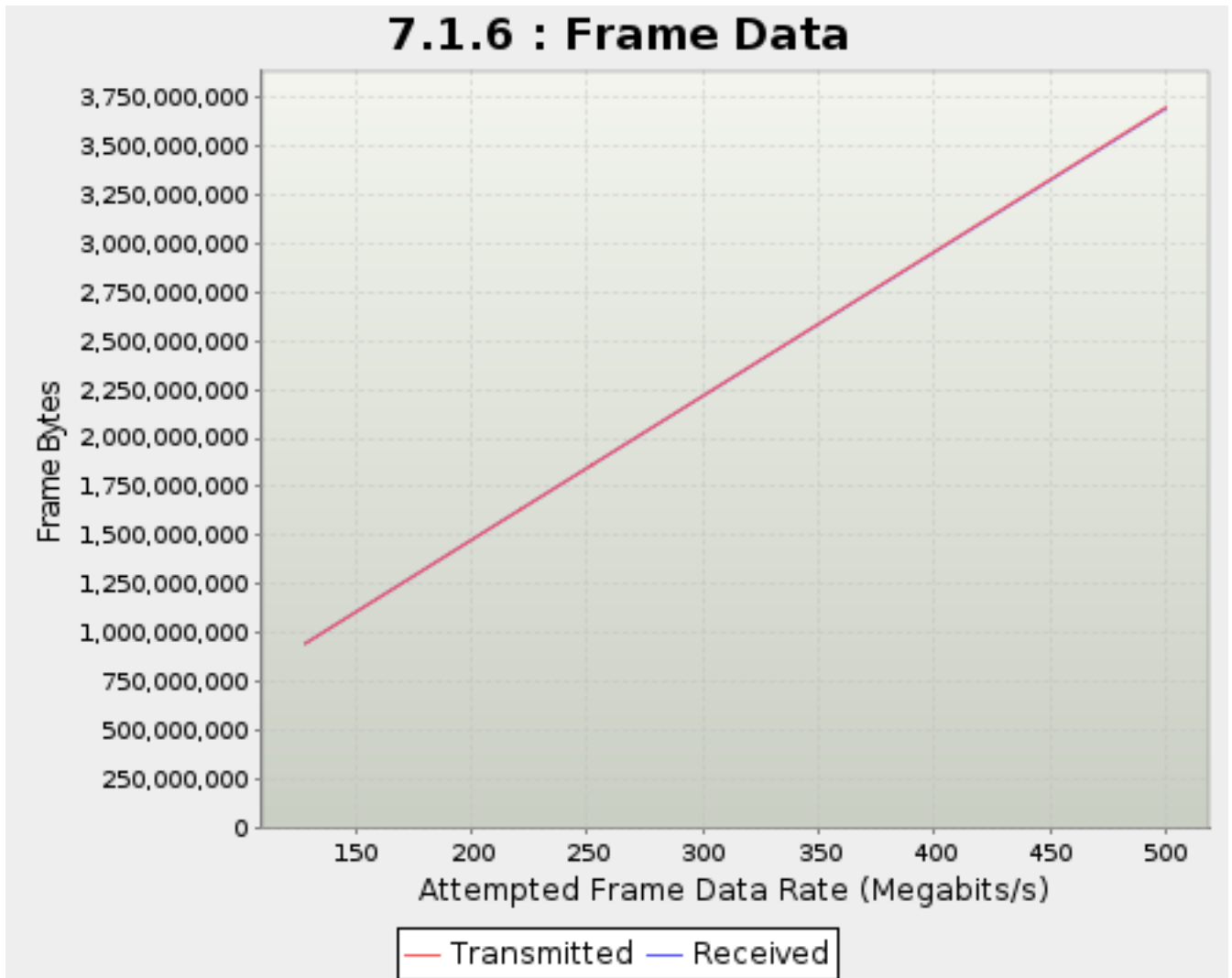
7.1.5.2. Frame Rate: 2



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

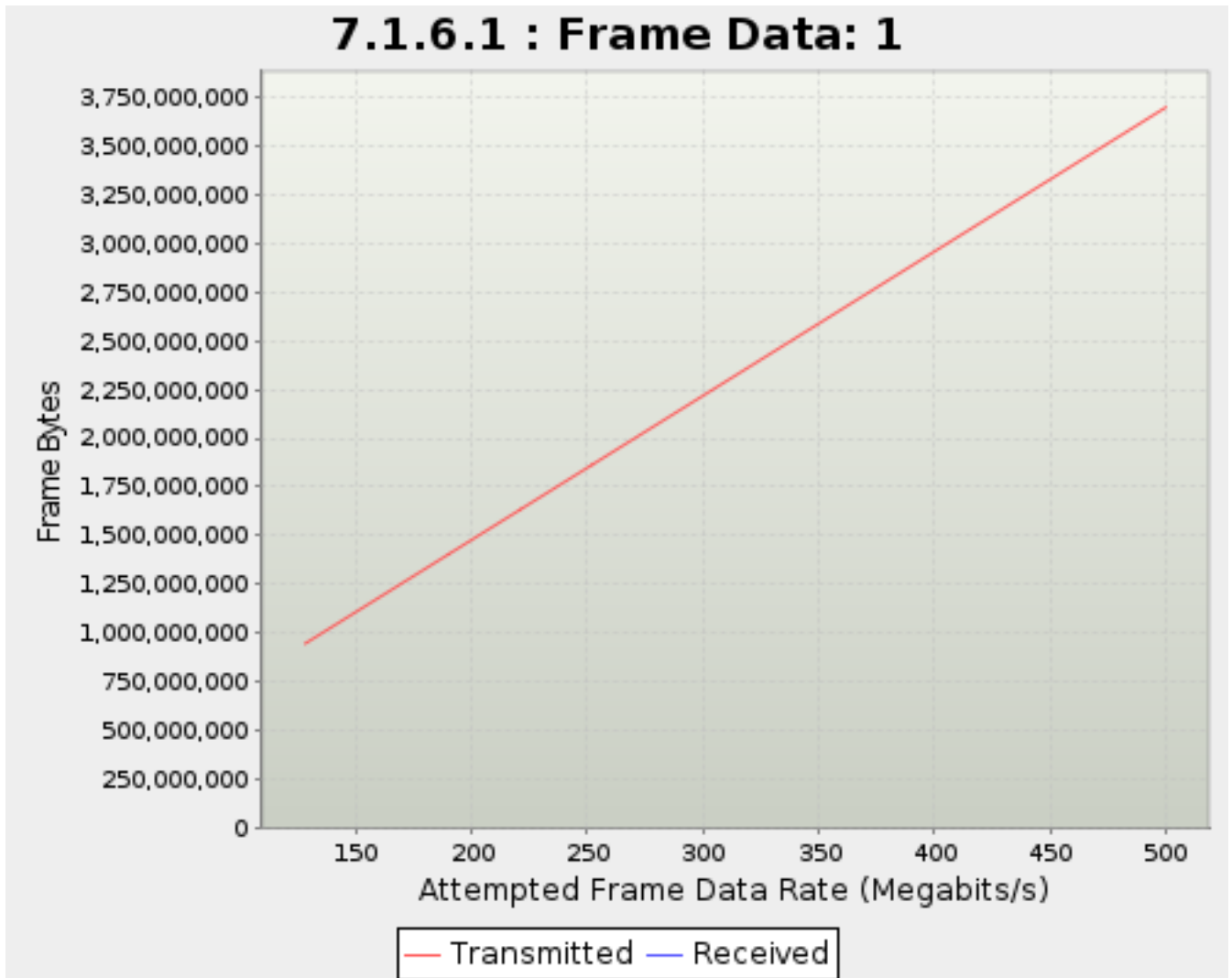
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.061	0.00	~11160
190	63.756	0.00	~16590
221	63.121	0.00	~19340
252	63.776	0.00	~22080
500	63.141	0.00	~43810

7.1.6. Frame Data



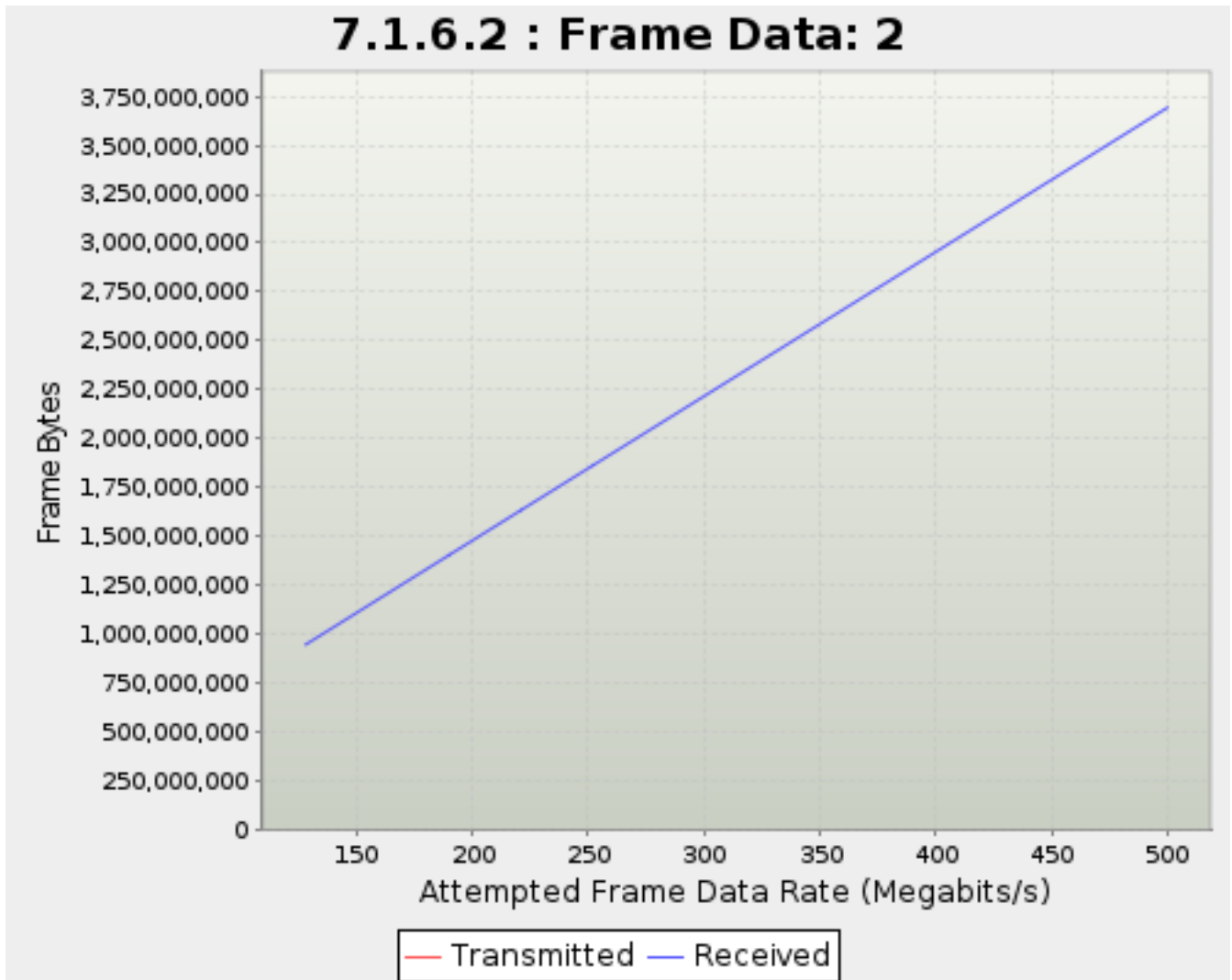
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.061	946,550,100	946,550,100
190	63.756	1,405,095,000	1,405,095,000
221	63.121	1,634,325,000	1,634,325,000
252	63.776	1,863,639,900	1,862,935,230
500	63.141	3,697,734,600	3,692,455,235

7.1.6.1. Frame Data: 1



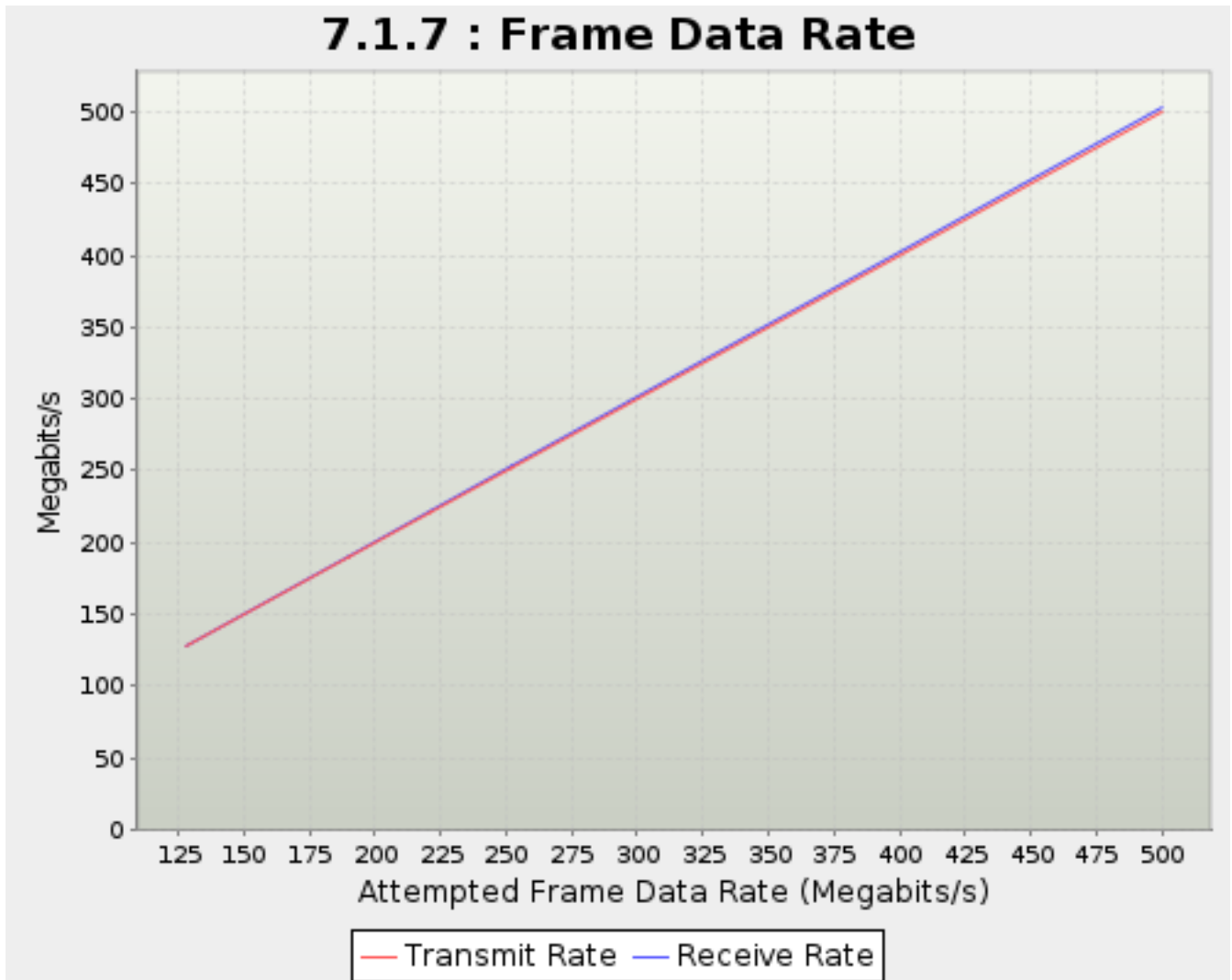
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	63.061	946,550,100	0
190	63.756	1,405,095,000	0
221	63.121	1,634,325,000	0
252	63.776	1,863,639,900	0
500	63.141	3,697,734,600	0

7.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frame bytes</i>
128	63.061	0	946,550,100
190	63.756	0	1,405,095,000
221	63.121	0	1,634,325,000
252	63.776	0	1,862,935,230
500	63.141	0	3,692,455,235

7.1.7. Frame Data Rate



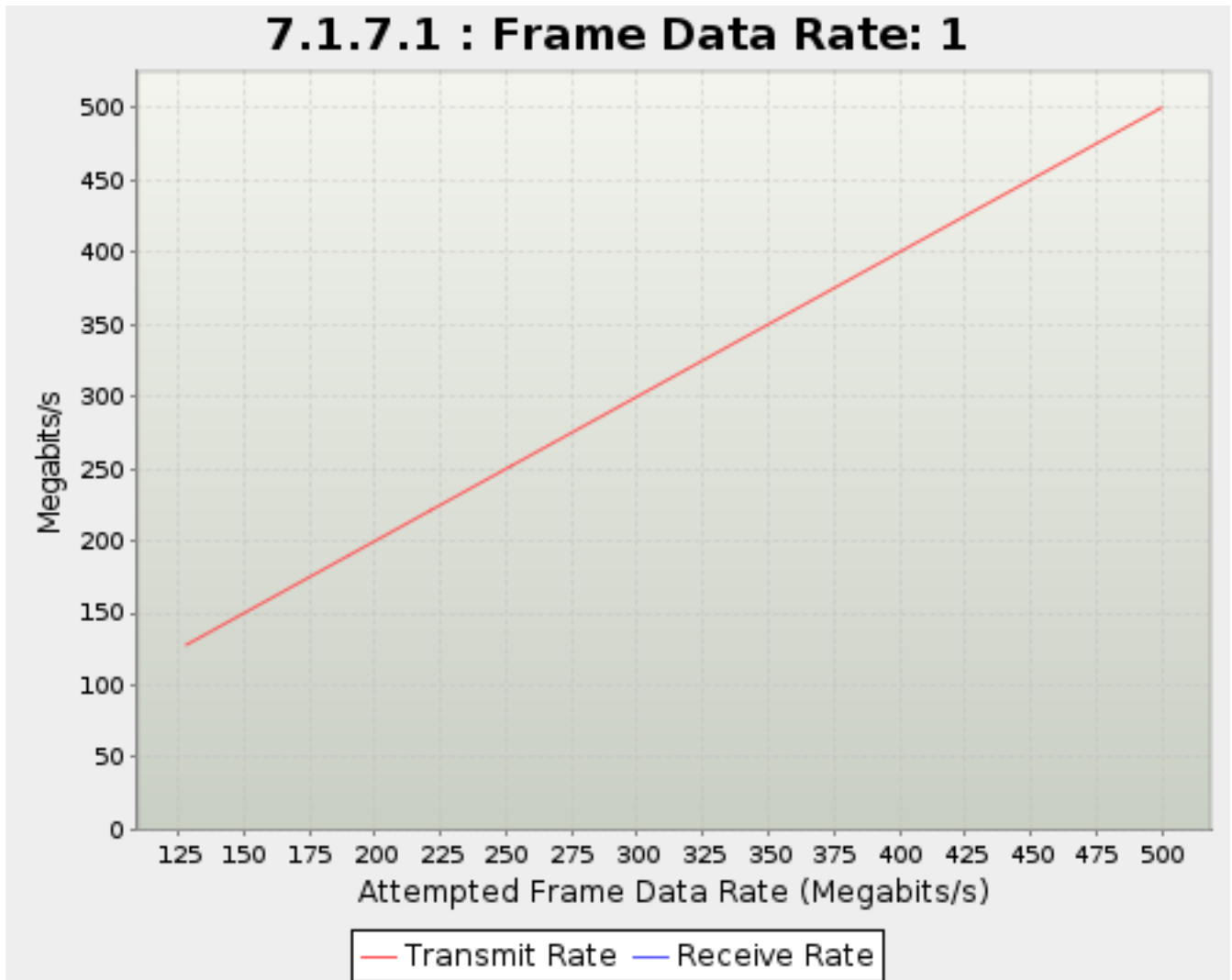
Data Rate shown includes Ethernet overhead.

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	63.061	~128	128.1
190	63.756	~190	190.5
221	63.121	~221	~222
252	63.776	~252	253.4
500	63.141	~500	~503

7.1.7.1. Frame Data Rate: 1



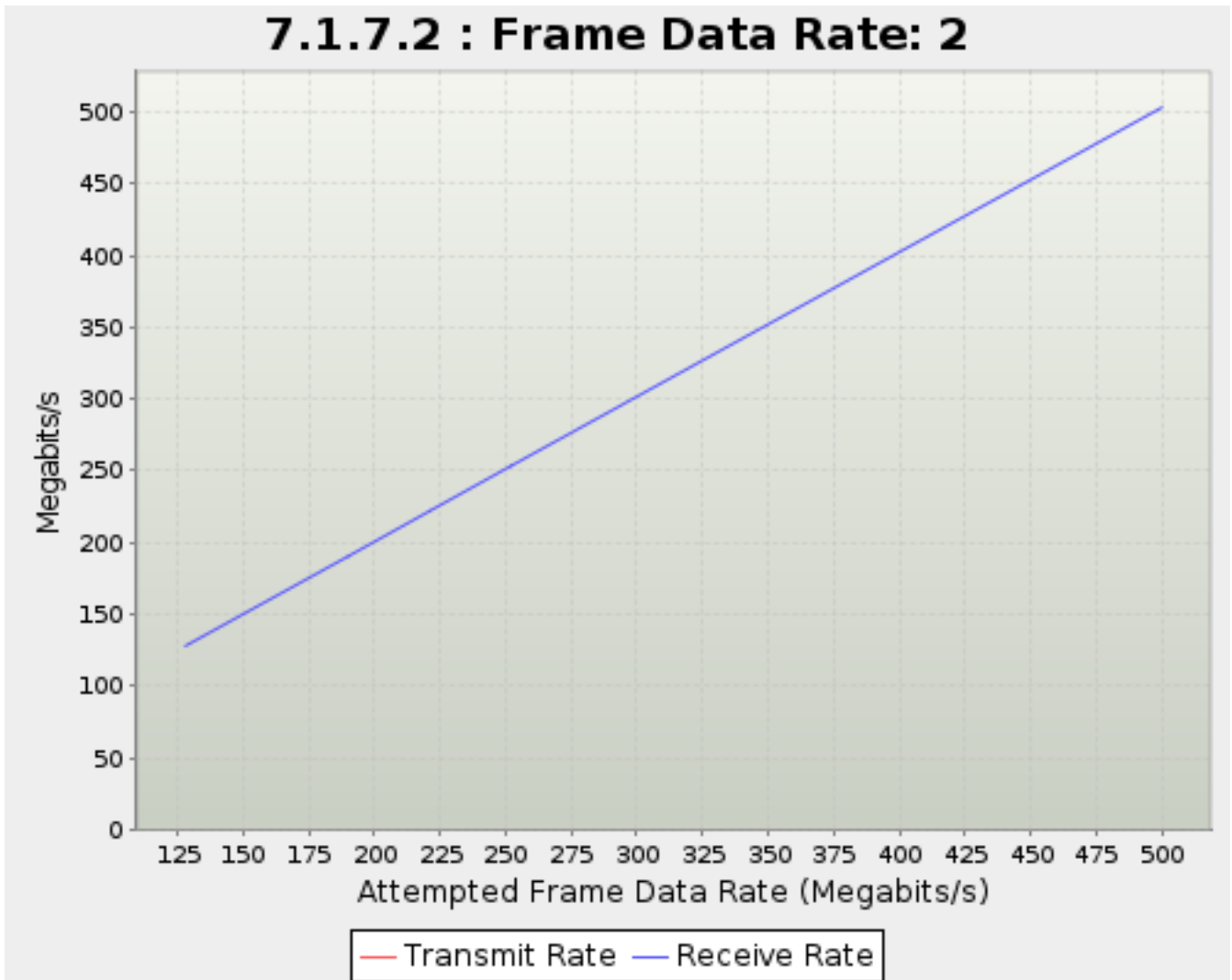
Data Rate shown includes Ethernet overhead.

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	63.061	~128	0
190	63.756	~190	0
221	63.121	~221	0
252	63.776	~252	0
500	63.141	~500	0

7.1.7.2. Frame Data Rate: 2



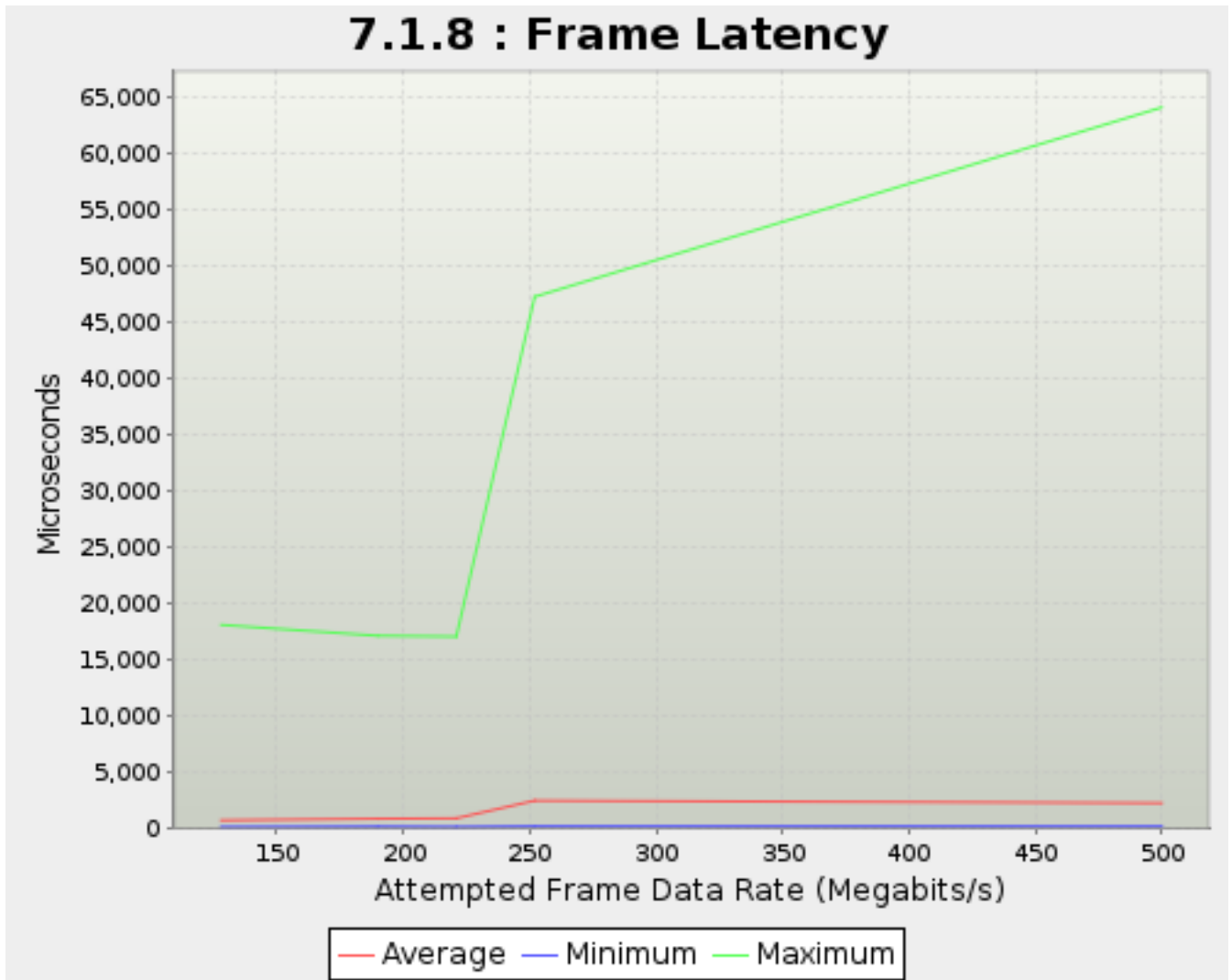
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

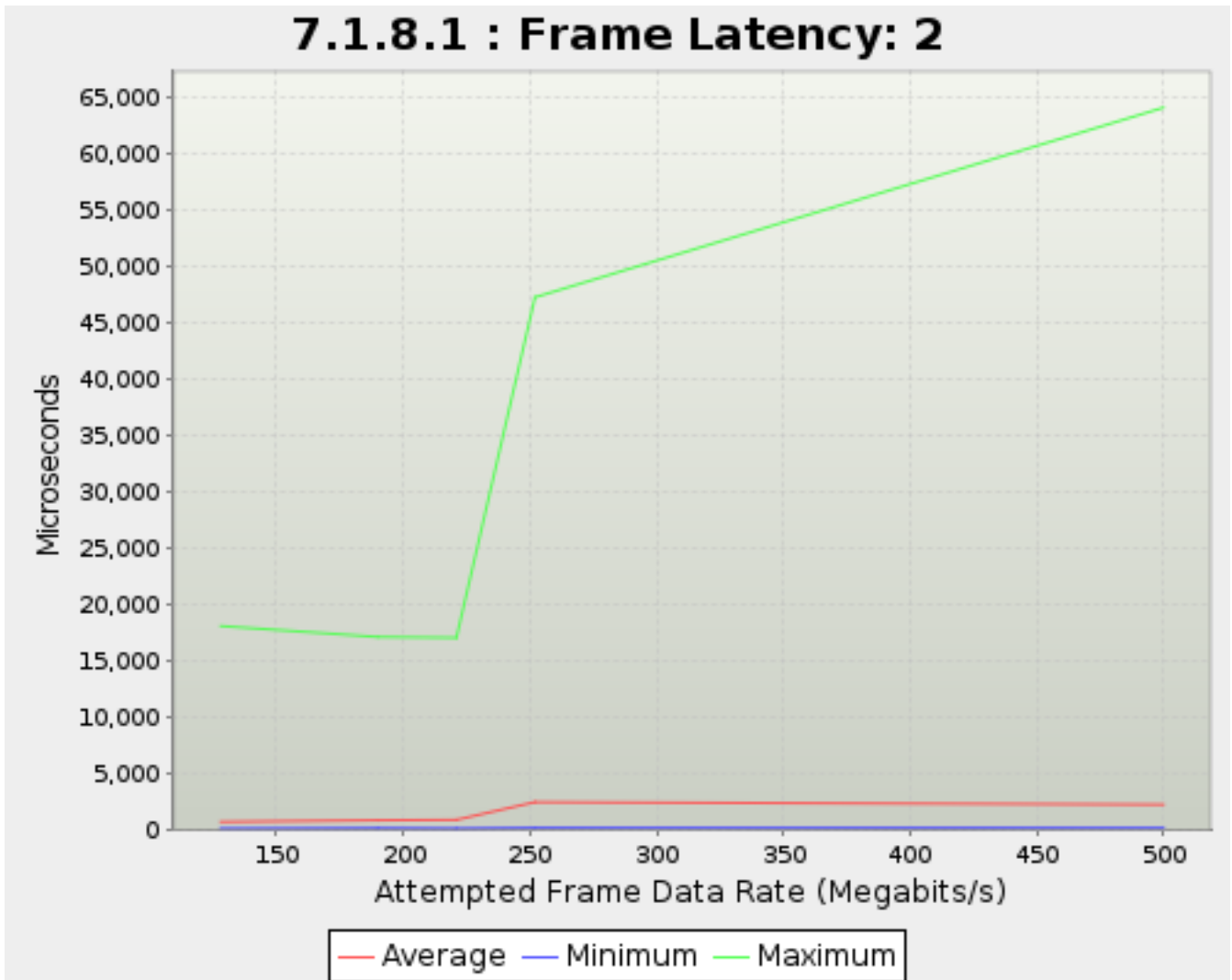
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.061	0	128.1
190	63.756	0	190.5
221	63.121	0	~222
252	63.776	0	253.4
500	63.141	0	~503

7.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
128	63.061	701.907	111.660	18,075.949
190	63.756	839.590	148.110	17,105.721
221	63.121	877.661	116.440	17,036.619
252	63.776	2,449.007	172.350	47,244.102
500	63.141	2,233.196	162.540	64,077.129

7.1.8.1. Frame Latency: 2

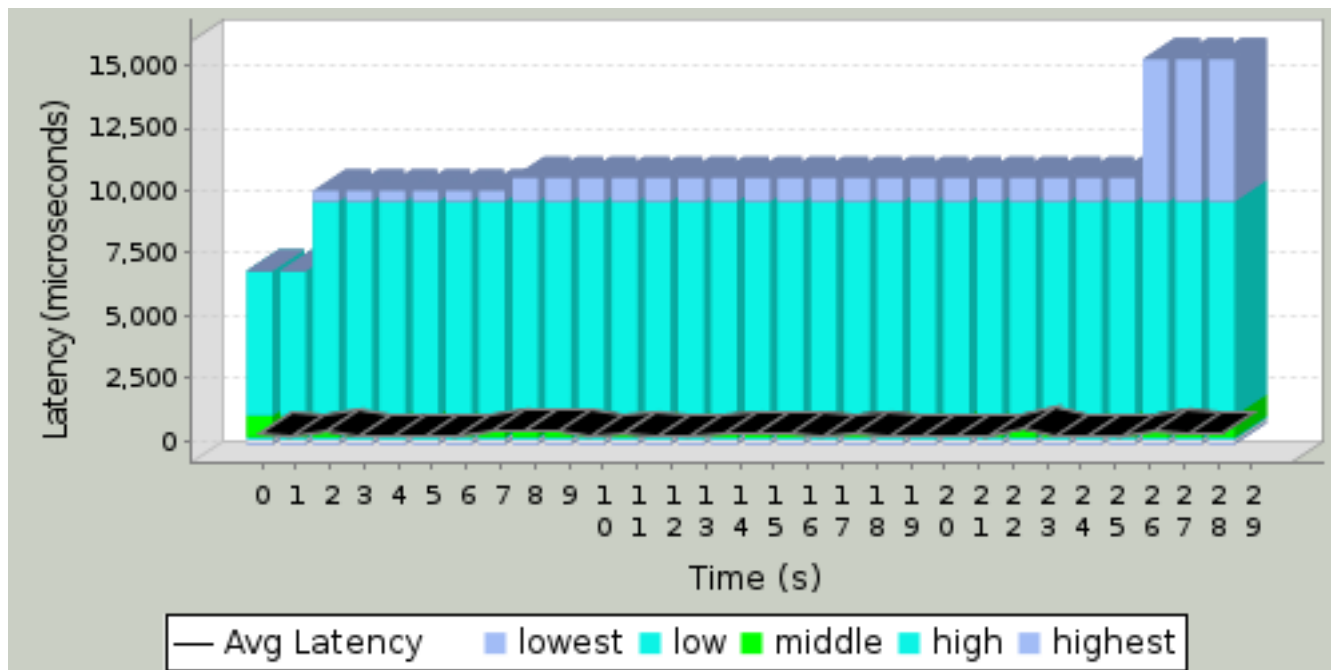


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
128	63.061	701.907	111.660	18,075.949
190	63.756	839.590	148.110	17,105.721
221	63.121	877.661	116.440	17,036.619
252	63.776	2,449.007	172.350	47,244.102
500	63.141	2,233.196	162.540	64,077.129

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	0.534	307.169	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	5,675 96.268%	220 3.732%	0
128	1.522	281.579	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	16,334 96.622%	571 3.378%	0
128	2.519	422.593	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	26,759 95.469%	1,263 4.506%	7 0.025%

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	3.527	207.435	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	37,908 96.546%	1,349 3.436%	7 0.018%	
128	4.524	253.321	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	48,766 96.783%	1,614 3.203%	7 0.014%	
128	5.522	~260	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	59,616 96.921%	1,887 3.068%	7 0.011%	
128	6.520	258.941	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	70,451 96.996%	2,175 2.995%	7 0.010%	
128	7.517	460.833	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	80,638 96.277%	3,111 3.714%	7 0.008%	
128	8.525	407.756	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	91,189 95.997%	3,783 3.982%	20 0.021%	
128	9.523	441.659	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	101,567 95.714%	4,528 4.267%	20 0.019%	
128	10.520	269.768	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	112,379 95.855%	4,839 4.128%	20 0.017%	
128	11.518	304.148	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	123,067 95.876%	5,274 4.109%	20 0.016%	
128	12.525	243.638	118.730 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	134,049 96.026%	5,528 3.960%	20 0.014%	
128	13.523	284.373	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	144,792 96.067%	5,908 3.920%	20 0.013%	

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	14.521	348.396	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	155,356 95.992%	6,467 3.996%	20 0.012%	
128	15.528	336.943	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	166,081 95.957%	6,977 4.031%	20 0.012%	
128	16.526	347.731	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	176,621 95.885%	7,560 4.104%	20 0.011%	
128	17.524	281.734	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	187,364 95.925%	7,940 4.065%	20 0.010%	
128	18.521	389.991	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	197,810 95.816%	8,618 4.174%	20 0.010%	
128	19.519	247.250	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	208,695 95.920%	8,856 4.070%	20 0.009%	
128	20.526	281.313	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	219,590 95.973%	9,193 4.018%	20 0.009%	
128	21.524	228.496	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	230,552 96.092%	9,357 3.900%	20 0.008%	
128	22.522	264.488	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	241,359 96.139%	9,673 3.853%	20 0.008%	
128	23.519	524.412	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	251,350 95.871%	10,805 4.121%	20 0.008%	
128	24.527	258.503	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	262,374 95.963%	11,017 4.029%	20 0.007%	

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	25.525	246.337	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	273,279 96.044%	11,235 3.949%	20 0.007%	
128	26.522	284.645	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	283,997 96.060%	11,628 3.933%	20 0.007%	
128	27.520	480.308	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	294,515 96.003%	12,126 3.953%	135 0.044%	
128	28.517	382.579	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	305,001 95.942%	12,767 4.016%	135 0.042%	
128	29.525	323.907	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	315,749 95.932%	13,255 4.027%	135 0.041%	
128	30.523	391.698	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	326,392 95.924%	13,689 4.023%	181 0.053%	
128	31.520	237.697	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	337,306 95.993%	13,898 3.955%	181 0.052%	
128	32.518	283.682	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	348,034 96.007%	14,293 3.943%	181 0.050%	
128	33.526	440.130	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	358,389 95.892%	15,174 4.060%	181 0.048%	
128	34.523	272.029	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	369,202 95.930%	15,484 4.023%	181 0.047%	
128	35.521	248.039	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	380,108 95.989%	15,701 3.965%	181 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	36.518	302.474	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	390,824 95.999%	16,108 3.957%	181 0.044%	
128	37.526	223.831	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	401,892 96.066%	16,275 3.890%	181 0.043%	
128	38.524	512.832	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	412,061 95.946%	17,230 4.012%	181 0.042%	
128	39.521	247.873	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	422,947 95.995%	17,467 3.964%	181 0.041%	
128	40.519	269.268	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	433,758 96.024%	17,779 3.936%	181 0.040%	
128	41.526	229.583	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	444,835 96.086%	17,938 3.875%	181 0.039%	
128	42.524	321.722	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	455,416 96.064%	18,479 3.898%	181 0.038%	
128	43.522	239.329	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	466,303 96.106%	18,715 3.857%	181 0.037%	
128	44.519	375.743	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	476,785 96.064%	19,356 3.900%	181 0.036%	
128	45.527	294.503	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	487,559 96.060%	19,818 3.905%	181 0.036%	
128	46.525	244.343	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	498,489 96.107%	20,011 3.858%	181 0.035%	

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	47.522	220.797	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	509,478 96.163%	20,145 3.802%	181 0.034%
128	48.520	325.899	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	520,050 96.140%	20,697 3.826%	181 0.033%
128	49.517	415.500	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	530,439 96.085%	21,431 3.882%	181 0.033%
128	50.525	233.092	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	541,506 96.133%	21,599 3.834%	181 0.032%
128	51.523	308.653	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	552,139 96.123%	22,089 3.846%	181 0.032%
128	52.520	709.038	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	562,146 96.006%	23,058 3.938%	328 0.056%
128	53.518	293.813	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	572,918 96.022%	23,409 3.923%	328 0.055%
128	54.526	287.704	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	583,768 96.032%	23,795 3.914%	328 0.054%
128	55.523	359.532	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	594,230 95.996%	24,456 3.951%	328 0.053%
128	56.521	233.455	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	605,165 96.037%	24,644 3.911%	328 0.052%
128	57.518	334.749	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	615,772 96.025%	25,160 3.924%	328 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
microseconds						packets						
128	58.526	222.993	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	626,835 96.067%	25,332 3.882%	328 0.050%
128	59.524	247.756	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	637,740 96.100%	25,550 3.850%	328 0.049%
128	63.061	221.542	111.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	643,000 96.122%	25,612 3.829%	328 0.049%
190	0.877	476.882	163.870 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	13,529 93.490%	942 6.510%	0
190	1.874	457.284	163.870 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	29,198 94.245%	1,783 5.755%	0
190	2.872	357.131	163.870 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	45,373 95.538%	2,119 4.462%	0
190	3.869	608.711	163.870 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	60,485 94.502%	3,519 5.498%	0
190	4.867	409.983	163.870 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	76,500 95.018%	4,011 4.982%	0
190	5.875	383.499	163.870 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	92,733 95.413%	4,458 4.587%	0
190	6.872	507.743	155.550 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	108,071 95.050%	5,628 4.950%	0
190	7.870	364.568	155.550 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	124,251 95.421%	5,962 4.579%	0

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	8.868	848.948	155.550 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	139,584 95.135%	6,703 4.569%	435 0.296%
190	9.865	524.879	155.550 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	154,976 94.942%	7,822 4.792%	435 0.266%
190	10.873	467.856	155.550 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	170,807 94.939%	8,671 4.820%	435 0.242%
190	11.870	496.295	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	186,341 94.867%	9,648 4.912%	435 0.221%
190	12.868	381.522	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	202,472 95.087%	10,027 4.709%	435 0.204%
190	13.866	631.279	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	217,267 94.692%	11,743 5.118%	435 0.190%
190	14.873	561.649	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	232,792 94.583%	12,880 5.233%	452 0.184%
190	15.871	452.735	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	248,554 94.639%	13,627 5.189%	452 0.172%
190	16.869	405.314	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	264,522 94.762%	14,169 5.076%	452 0.162%
190	17.866	419.201	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	280,417 94.846%	14,785 5.001%	452 0.153%
190	18.874	446.834	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	296,408 94.913%	15,435 4.942%	452 0.145%

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	19.871	420.524	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	312,164 94.927%	16,229 4.935%	452 0.137%	
190	20.869	434.733	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	327,923 94.953%	16,978 4.916%	452 0.131%	
190	21.867	495.400	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	343,672 94.972%	17,715 4.895%	480 0.133%	
190	22.874	777.290	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	358,284 94.648%	19,769 5.222%	491 0.130%	
190	23.872	371.786	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	374,477 94.791%	20,087 5.085%	491 0.124%	
190	24.870	387.252	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	390,503 94.883%	20,570 4.998%	491 0.119%	
190	25.867	585.621	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	405,436 94.711%	22,150 5.174%	491 0.115%	
190	26.875	384.344	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	421,676 94.811%	22,588 5.079%	491 0.110%	
190	27.872	317.836	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	438,117 94.982%	22,657 4.912%	491 0.106%	
190	28.870	468.811	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	453,713 94.964%	23,572 4.934%	491 0.103%	
190	29.868	572.586	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	468,822 94.849%	24,971 5.052%	491 0.099%	

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	30.865	409.590	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	484,643 94.880%	25,662 5.024%	491 0.096%
190	31.873	429.417	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	500,620 94.911%	26,349 4.995%	491 0.093%
190	32.881	449.076	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	516,500 94.918%	27,162 4.992%	491 0.090%
190	33.868	385.391	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	532,343 94.977%	27,662 4.935%	491 0.088%
190	34.866	444.254	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	548,026 94.978%	28,489 4.937%	491 0.085%
190	35.873	547.724	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	563,675 94.945%	29,487 4.967%	522 0.088%
190	36.871	534.095	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	579,463 94.964%	30,111 4.935%	621 0.102%
190	37.869	371.433	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	595,449 95.012%	30,637 4.889%	621 0.099%
190	38.866	393.012	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	611,354 95.046%	31,242 4.857%	621 0.097%
190	39.874	384.869	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	627,526 95.095%	31,748 4.811%	621 0.094%
190	40.872	472.967	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	643,111 95.078%	32,674 4.831%	621 0.092%

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	41.869	484.361	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	658,580 95.045%	33,716 4.866%	621 0.090%
190	42.867	337.699	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	674,877 95.130%	33,930 4.783%	621 0.088%
190	43.874	382.552	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	691,096 95.179%	34,388 4.736%	621 0.086%
190	44.872	490.024	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	706,504 95.137%	35,490 4.779%	621 0.084%
190	45.870	417.157	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	722,448 95.168%	36,058 4.750%	621 0.082%
190	46.867	375.647	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	738,593 95.224%	36,424 4.696%	621 0.080%
190	47.875	414.325	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	754,594 95.239%	37,101 4.683%	621 0.078%
190	48.872	484.763	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	770,276 95.234%	37,914 4.688%	636 0.079%
190	49.880	413.009	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	786,377 95.260%	38,490 4.663%	636 0.077%
190	50.868	393.524	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	802,218 95.292%	38,994 4.632%	636 0.076%
190	51.875	530.287	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	817,734 95.249%	40,153 4.677%	636 0.074%

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	52.873	401.645	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	833,717 95.278%	40,683 4.649%	636 0.073%	
190	53.871	422.954	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	849,663 95.302%	41,248 4.627%	636 0.071%	
190	54.868	554.042	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	864,909 95.248%	42,514 4.682%	636 0.070%	
190	55.866	403.934	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	880,903 95.277%	43,031 4.654%	636 0.069%	
190	56.873	451.377	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	896,699 95.267%	43,912 4.665%	636 0.068%	
190	57.871	382.453	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	912,791 95.305%	44,330 4.629%	636 0.066%	
190	58.869	400.953	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	928,840 95.337%	44,791 4.597%	636 0.065%	
190	59.866	430.353	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	944,523 95.331%	45,620 4.604%	636 0.064%	
190	63.756	643.187	148.110 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	946,524 95.320%	45,840 4.616%	636 0.064%	
221	0.564	618.399	122.350 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	9,550 88.059%	1,283 11.830%	12 0.111%	
221	1.552	382.060	122.350 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	27,492 92.082%	2,343 7.848%	21 0.070%	

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	2.549	357.135	122.350 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	45,602 92.950%	3,438 7.008%	21 0.043%	
221	3.557	228.740	120.240 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	64,857 94.737%	3,582 5.232%	21 0.031%	
221	4.555	319.089	120.240 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	83,376 95.108%	4,268 4.869%	21 0.024%	
221	5.552	398.125	120.240 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	101,288 94.776%	5,562 5.204%	21 0.020%	
221	6.550	406.077	120.240 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	119,078 94.450%	6,976 5.533%	21 0.017%	
221	7.558	336.263	120.240 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	137,764 94.706%	7,680 5.280%	21 0.014%	
221	8.555	540.422	120.240 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	155,081 94.172%	9,576 5.815%	21 0.013%	
221	9.553	359.537	120.240 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	173,225 94.204%	10,636 5.784%	21 0.011%	
221	10.550	272.630	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	191,984 94.533%	11,082 5.457%	21 0.010%	
221	11.548	373.156	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	210,134 94.531%	12,137 5.460%	21 0.009%	
221	12.556	291.774	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	228,987 94.744%	12,683 5.248%	21 0.009%	

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	13.553	466.086	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	246,911 94.655%	13,921 5.337%	21 0.008%	
221	14.551	476.506	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	265,064 94.633%	15,012 5.360%	21 0.007%	
221	15.549	417.743	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	283,624 94.761%	15,658 5.231%	21 0.007%	
221	16.556	484.939	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	301,891 94.725%	16,790 5.268%	21 0.007%	
221	17.554	506.451	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	319,860 94.659%	18,026 5.335%	21 0.006%	
221	18.551	542.702	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	337,814 94.596%	19,278 5.398%	21 0.006%	
221	19.549	421.563	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	356,319 94.695%	19,942 5.300%	21 0.006%	
221	20.557	392.020	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	375,346 94.853%	20,347 5.142%	21 0.005%	
221	21.554	591.354	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	392,818 94.674%	22,079 5.321%	21 0.005%	
221	22.552	469.195	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	410,931 94.657%	23,173 5.338%	21 0.005%	
221	23.549	469.165	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	429,209 94.680%	24,098 5.316%	21 0.005%	

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	24.557	460.373	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	447,738 94.714%	24,969 5.282%	21 0.004%	
221	25.555	448.510	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	466,277 94.785%	25,635 5.211%	21 0.004%	
221	26.552	473.953	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	484,393 94.768%	26,723 5.228%	21 0.004%	
221	27.550	465.189	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	502,564 94.778%	27,671 5.218%	21 0.004%	
221	28.558	398.948	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	521,518 94.866%	28,201 5.130%	21 0.004%	
221	29.555	336.639	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	540,608 95.019%	28,316 4.977%	21 0.004%	
221	30.553	630.499	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	557,940 94.864%	30,167 5.129%	41 0.007%	
221	31.550	536.840	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	575,865 94.815%	31,449 5.178%	41 0.007%	
221	32.548	411.172	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	594,603 94.900%	31,914 5.094%	41 0.007%	
221	33.556	495.649	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	612,832 94.875%	33,062 5.118%	41 0.006%	
221	34.553	504.559	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	630,803 94.834%	34,319 5.159%	41 0.006%	

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	35.551	366.603	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	649,668 94.930%	34,659 5.064%	41 0.006%	
221	36.549	574.641	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	667,426 94.862%	36,106 5.132%	41 0.006%	
221	37.556	446.380	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	686,078 94.897%	36,853 5.097%	41 0.006%	
221	38.554	437.779	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	704,537 94.928%	37,599 5.066%	41 0.006%	
221	39.551	496.820	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	722,608 94.908%	38,730 5.087%	41 0.005%	
221	40.549	430.680	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	740,920 94.925%	39,570 5.070%	41 0.005%	
221	41.557	480.545	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	759,353 94.921%	40,591 5.074%	41 0.005%	
221	42.554	473.810	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	777,744 94.941%	41,403 5.054%	41 0.005%	
221	43.552	505.623	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	795,678 94.905%	42,673 5.090%	41 0.005%	
221	44.550	447.731	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	814,158 94.935%	43,399 5.061%	41 0.005%	
221	45.557	469.828	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	832,749 94.955%	44,207 5.041%	41 0.005%	

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	46.555	688.318	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	849,735 94.815%	46,425 5.180%	41 0.005%	
221	47.552	511.024	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	867,781 94.797%	47,585 5.198%	41 0.004%	
221	48.550	393.944	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	886,465 94.849%	48,104 5.147%	41 0.004%	
221	49.558	544.606	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	904,524 94.813%	49,432 5.182%	53 0.006%	
221	50.555	493.091	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	922,761 94.816%	50,386 5.177%	65 0.007%	
221	51.553	331.003	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	941,850 94.905%	50,503 5.089%	65 0.007%	
221	52.551	593.630	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	959,276 94.834%	52,196 5.160%	65 0.006%	
221	53.548	439.323	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	977,666 94.843%	53,096 5.151%	65 0.006%	
221	54.556	411.092	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	996,377 94.873%	53,785 5.121%	65 0.006%	
221	55.563	552.225	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,014,355 94.833%	55,205 5.161%	65 0.006%	
221	56.551	449.650	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,032,482 94.842%	56,090 5.152%	65 0.006%	

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	57.549	890.457	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,049,740 94.755%	57,698 5.208%	403 0.036%	
221	58.556	483.821	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,068,137 94.761%	58,656 5.204%	403 0.036%	
221	59.554	422.616	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,086,714 94.790%	59,328 5.175%	403 0.035%	
221	63.121	551.525	116.440 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,094,605 94.771%	59,992 5.194%	403 0.035%	
252	0.887	578.304	183.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	17,717 91.513%	1,643 8.487%	0	
252	1.884	557.737	183.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	38,010 92.130%	3,247 7.870%	0	
252	2.882	400.735	183.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	59,249 93.809%	3,910 6.191%	0	
252	3.880	445.103	177.240 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	80,164 94.247%	4,893 5.753%	0	
252	4.877	440.933	177.240 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	101,301 94.715%	5,653 5.285%	0	
252	5.875	484.952	177.240 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	122,168 94.812%	6,685 5.188%	0	
252	6.882	516.676	175.280 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	142,722 94.535%	8,251 5.465%	0	

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	7.880	625.966	175.280 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	162,692 94.111%	10,142 5.867%	38 0.022%	
252	8.878	390.936	175.280 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	184,051 94.496%	10,682 5.484%	38 0.020%	
252	9.875	435.736	175.280 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	205,022 94.624%	11,610 5.358%	38 0.018%	
252	10.883	424.256	175.280 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	226,351 94.791%	12,401 5.193%	38 0.016%	
252	11.881	585.731	175.280 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	246,454 94.539%	14,198 5.446%	38 0.015%	
252	12.878	574.202	172.560 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	266,811 94.429%	15,677 5.548%	63 0.022%	
252	13.876	398.225	172.560 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	288,039 94.599%	16,382 5.380%	63 0.021%	
252	14.883	393.994	172.560 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	309,509 94.766%	17,031 5.215%	63 0.019%	
252	15.881	555.620	172.560 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	329,860 94.651%	18,580 5.331%	63 0.018%	
252	16.879	521.526	172.560 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	350,385 94.596%	19,953 5.387%	63 0.017%	

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

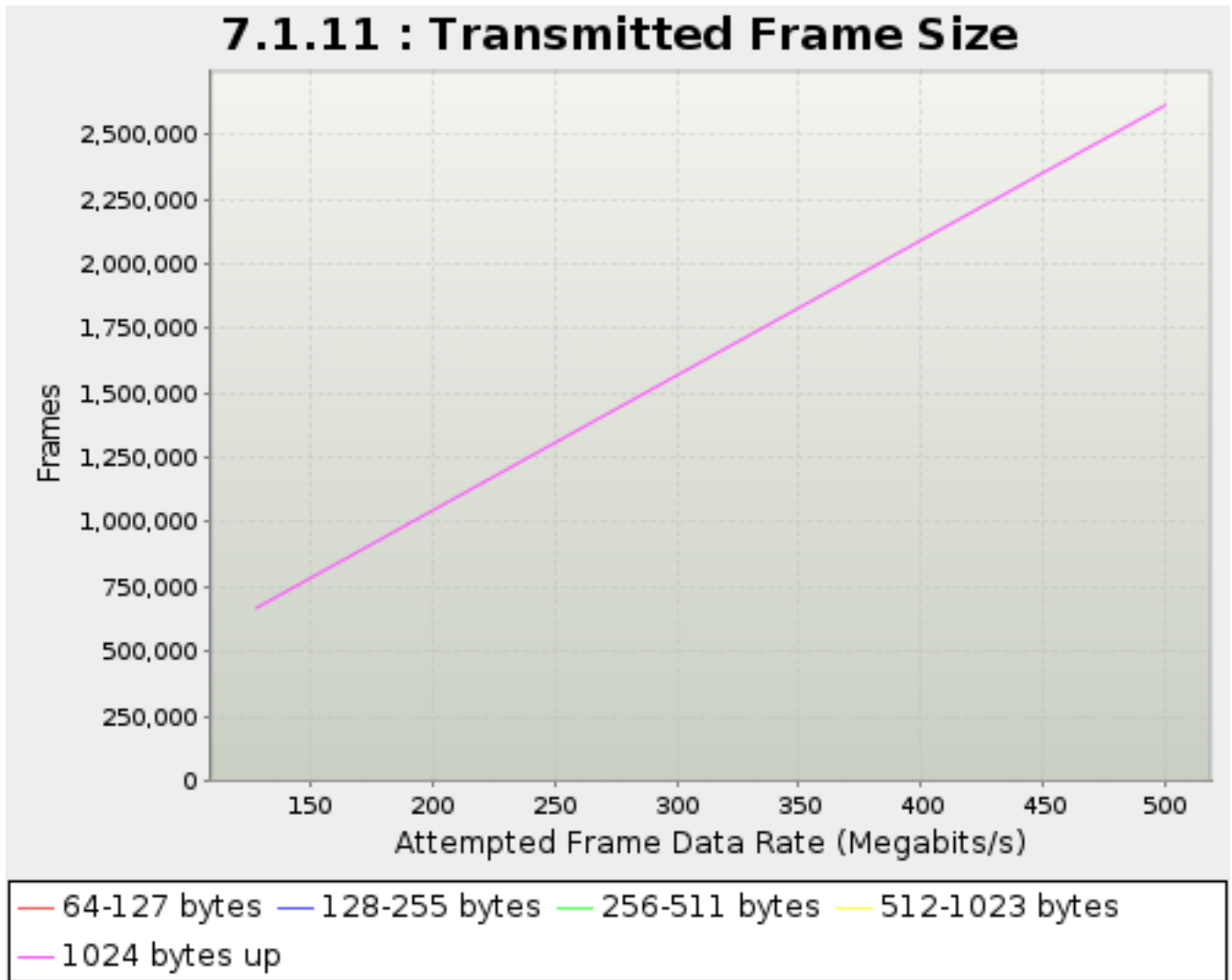
7.1.10. Component Summary

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%
190	993,000	993,000 100.000%	1,405,095,000	1,405,095,000 100.000%
221	1,155,000	1,155,000 100.000%	1,634,325,000	1,634,325,000 100.000%
252	1,317,060	1,316,562 99.962%	1,863,639,900	1,862,935,230 99.962%
500	2,613,240	2,609,509 99.857%	3,697,734,600	3,692,455,235 99.857%

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	~11160	~128	128.1
190	~16550	~16590	~190	190.5
221	~19250	~19340	~221	~222
252	~21950	~22080	~252	253.4
500	~43550	~43810	~500	~503

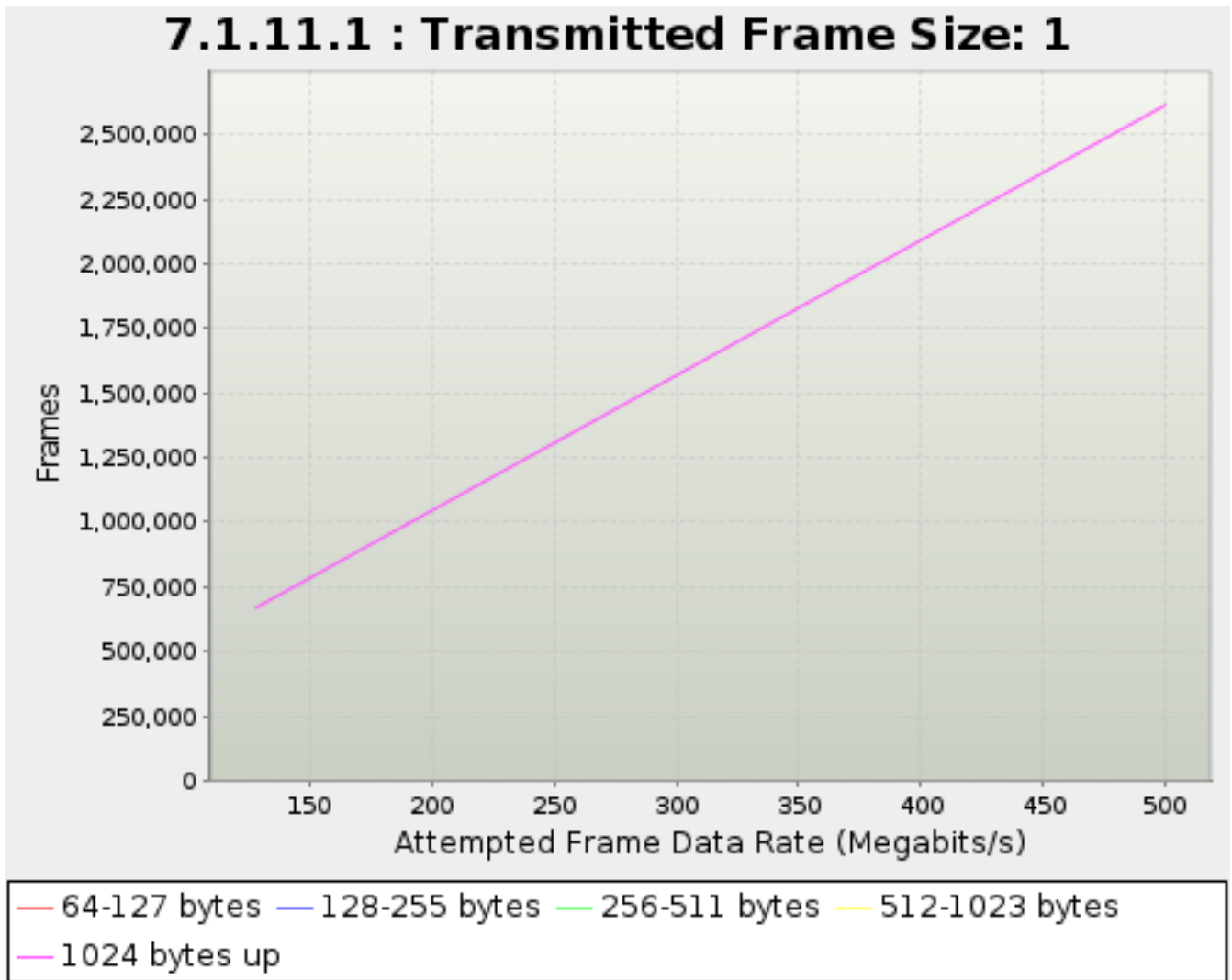
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
128	0	57	0	0	64	0	0	0
190	0	695	0	0	64	0	0	0
221	0	268	0	0	64	0	0	0
252	0	429	0	0	64	498	0	0
500	0	3,002	0	0	64	3,731	0	0

7.1.11. Transmitted Frame Size



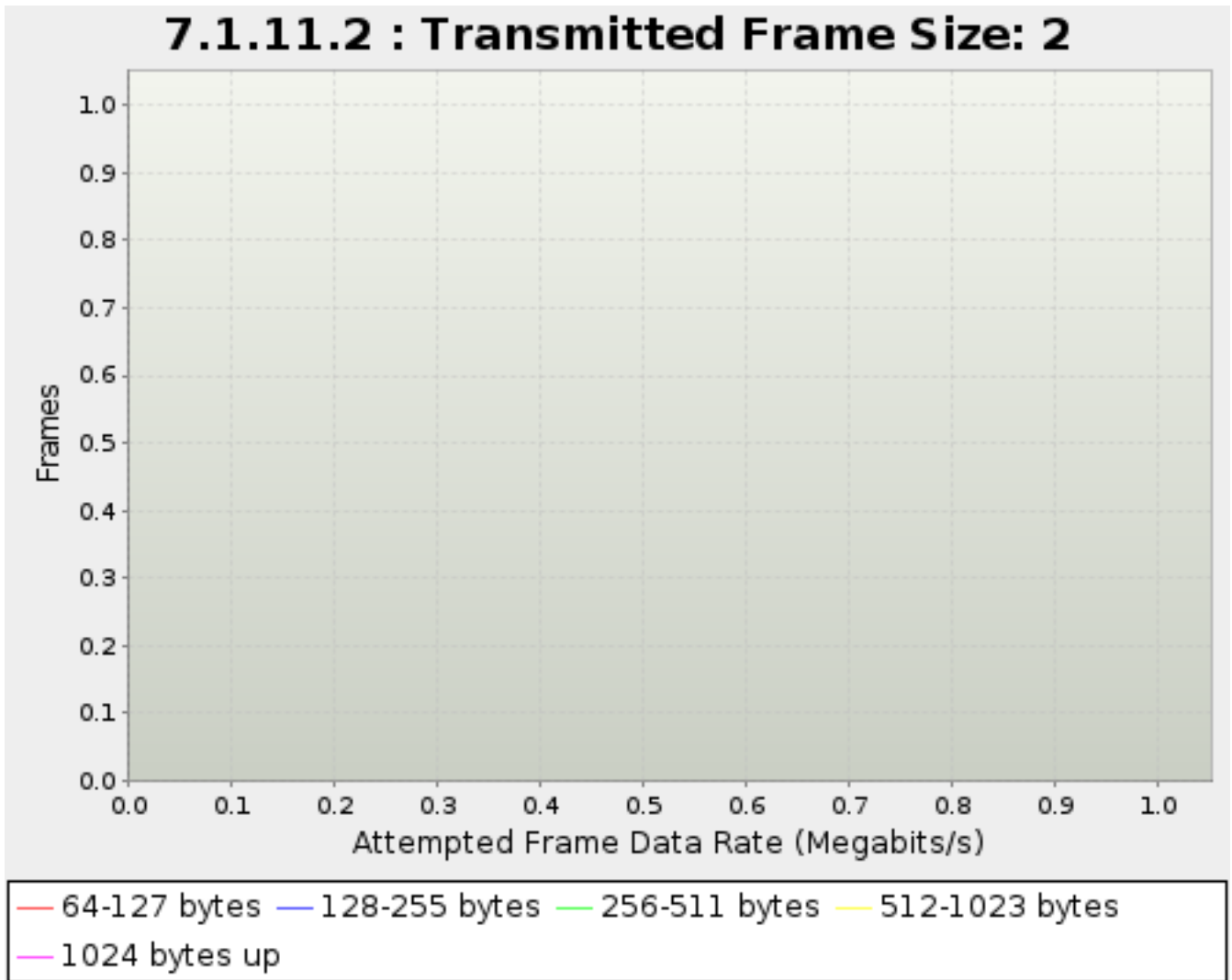
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	63.061	0	0	0	0	668,940
190	63.756	0	0	0	0	993,000
221	63.121	0	0	0	0	1,155,000
252	63.776	0	0	0	0	1,317,060
500	63.141	0	0	0	0	2,613,240

7.1.11.1. Transmitted Frame Size: 1



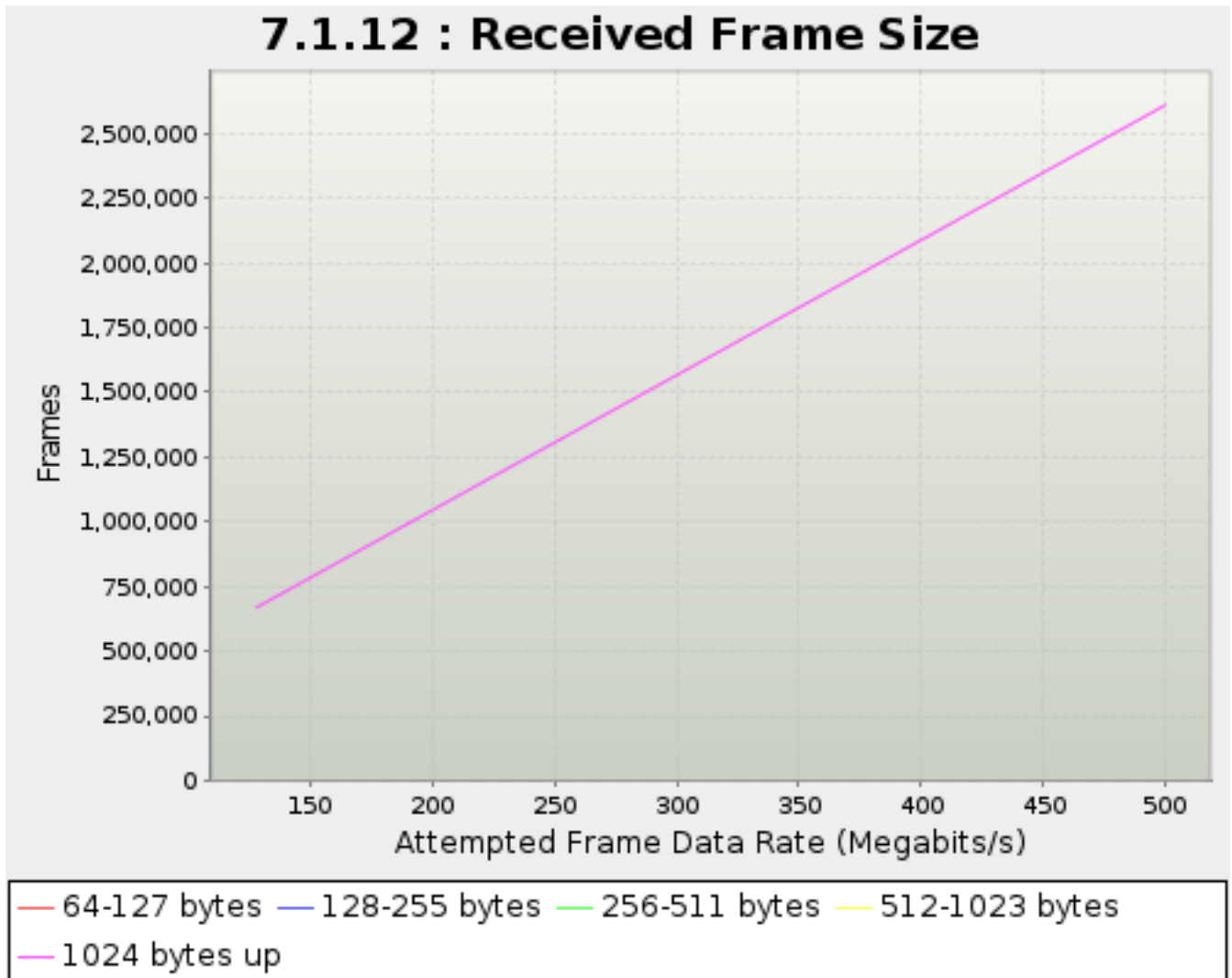
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	63.061	0	0	0	0	668,940
190	63.756	0	0	0	0	993,000
221	63.121	0	0	0	0	1,155,000
252	63.776	0	0	0	0	1,317,060
500	63.141	0	0	0	0	2,613,240

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	63.061	0	0	0	0	0
190	63.756	0	0	0	0	0
221	63.121	0	0	0	0	0
252	63.776	0	0	0	0	0
500	63.141	0	0	0	0	0

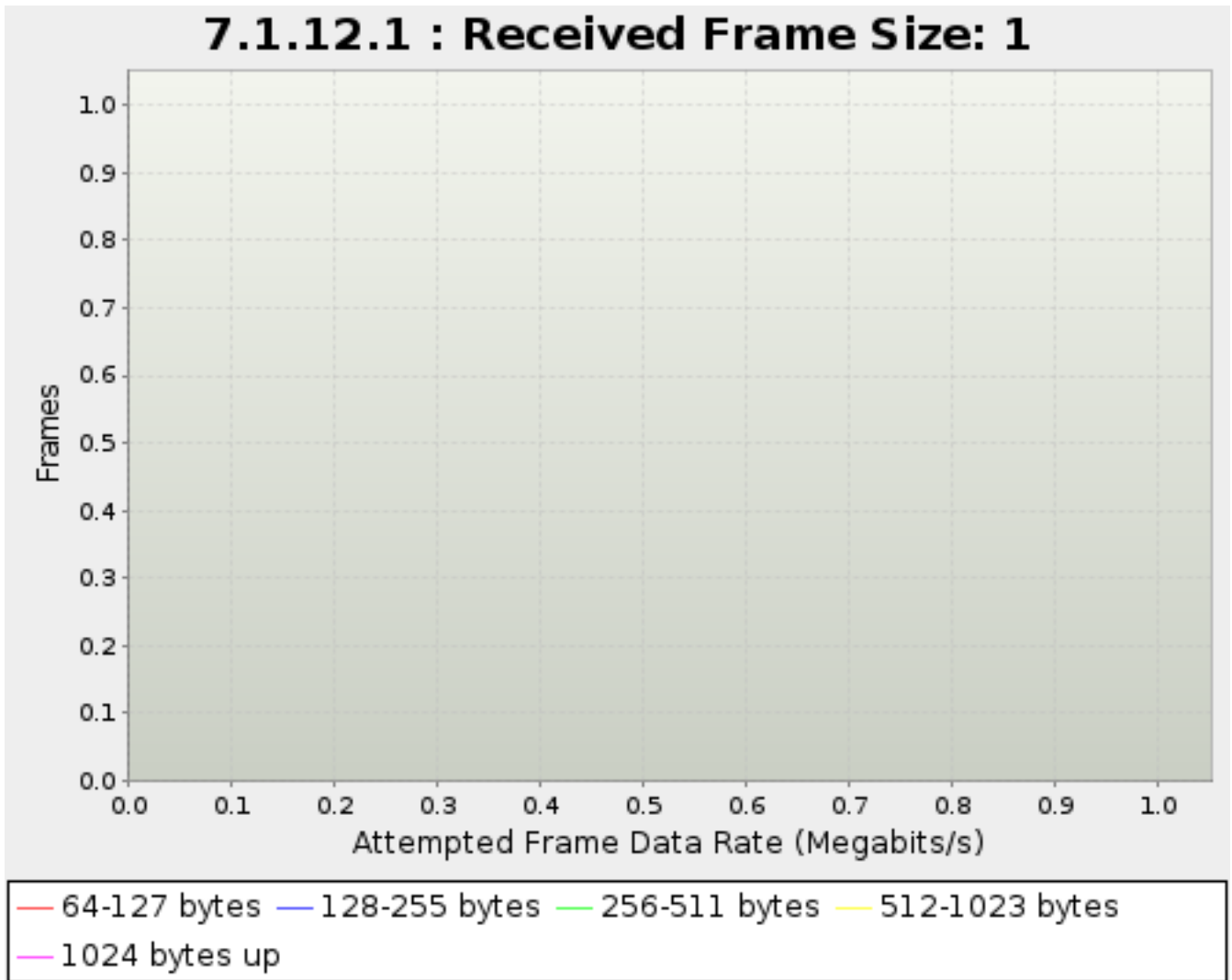
7.1.12. Received Frame Size



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	63.061	0	0	0	0	668,940
190	63.756	0	0	0	0	993,000
221	63.121	0	0	0	0	1,155,000
252	63.776	0	0	0	0	1,316,562
500	63.141	0	0	0	0	2,609,509

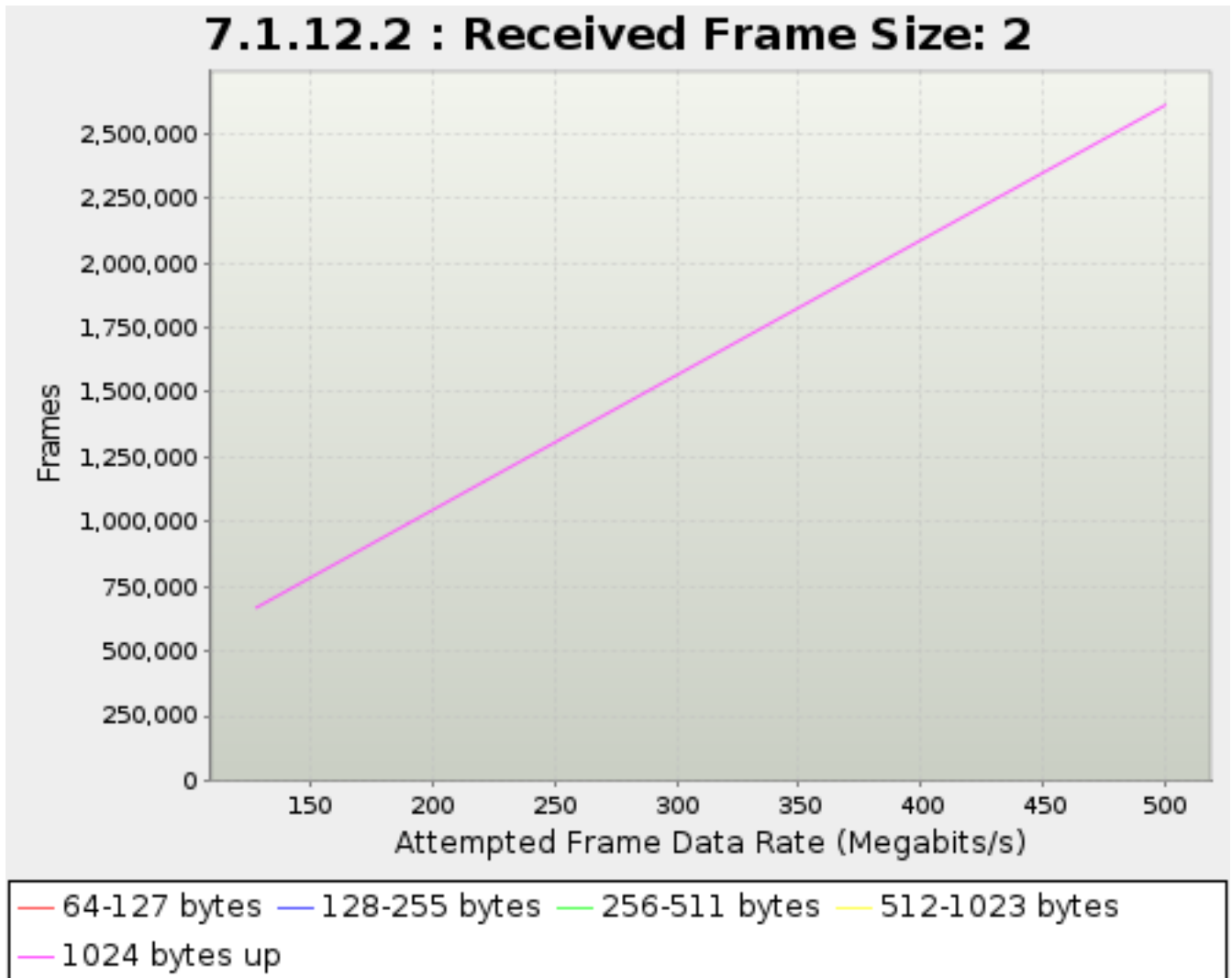
7.1.12.1. Received Frame Size: 1



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	63.061	0	0	0	0	0
190	63.756	0	0	0	0	0
221	63.121	0	0	0	0	0
252	63.776	0	0	0	0	0
500	63.141	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	63.061	0	0	0	0	668,940
190	63.756	0	0	0	0	993,000
221	63.121	0	0	0	0	1,155,000
252	63.776	0	0	0	0	1,316,562
500	63.141	0	0	0	0	2,609,509

7.2. Aggregate Stats

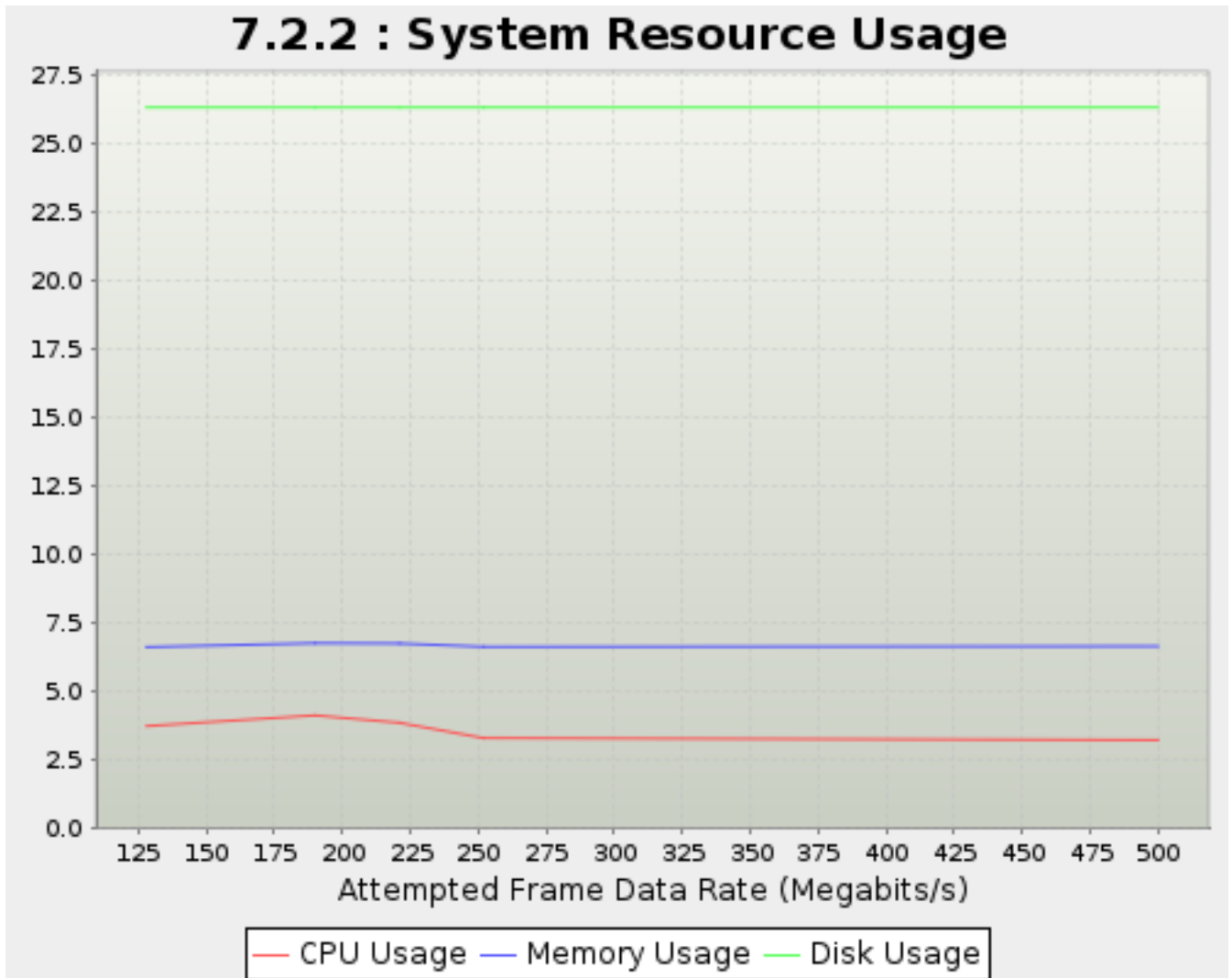
7.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

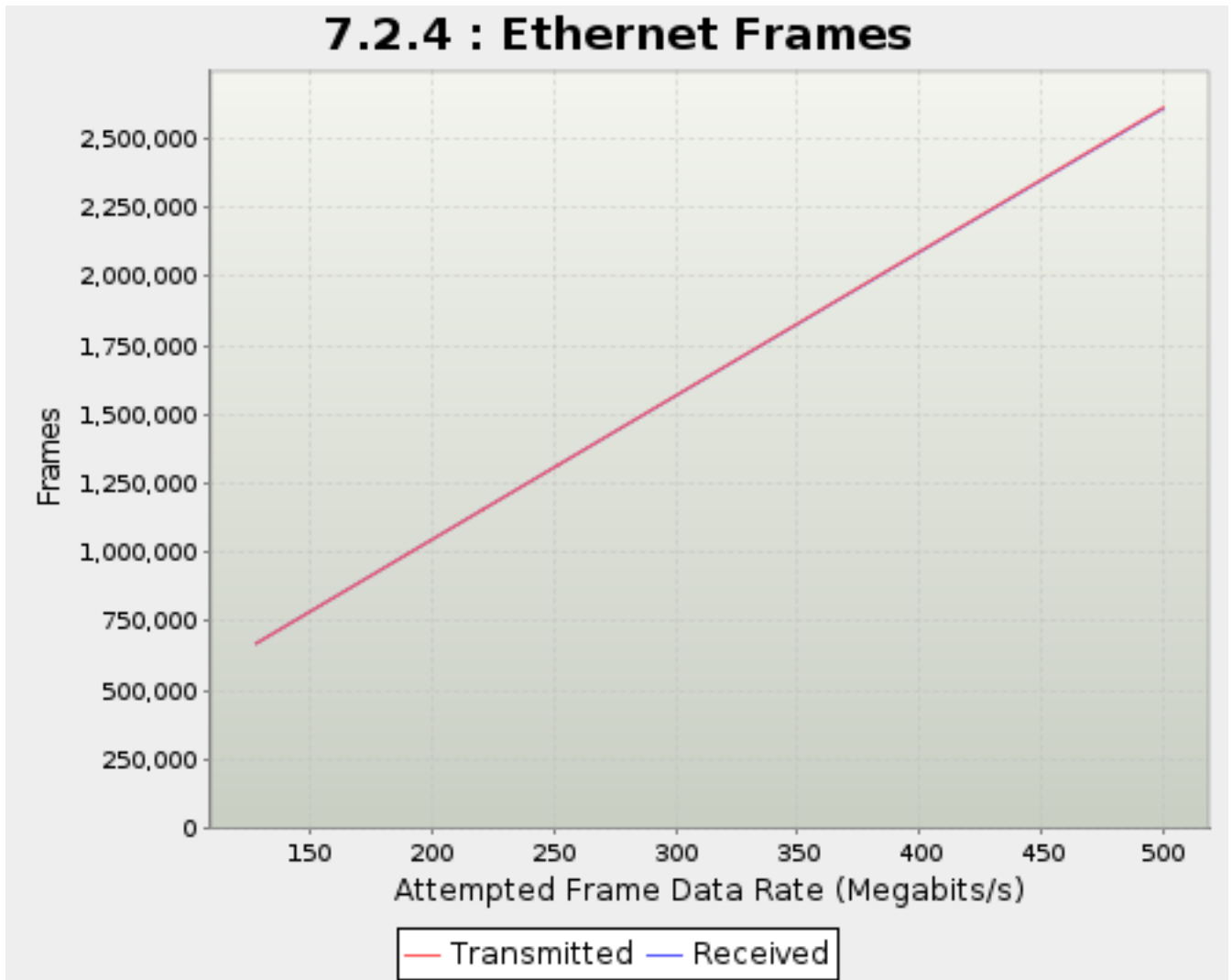
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

7.2.2. System Resource Usage



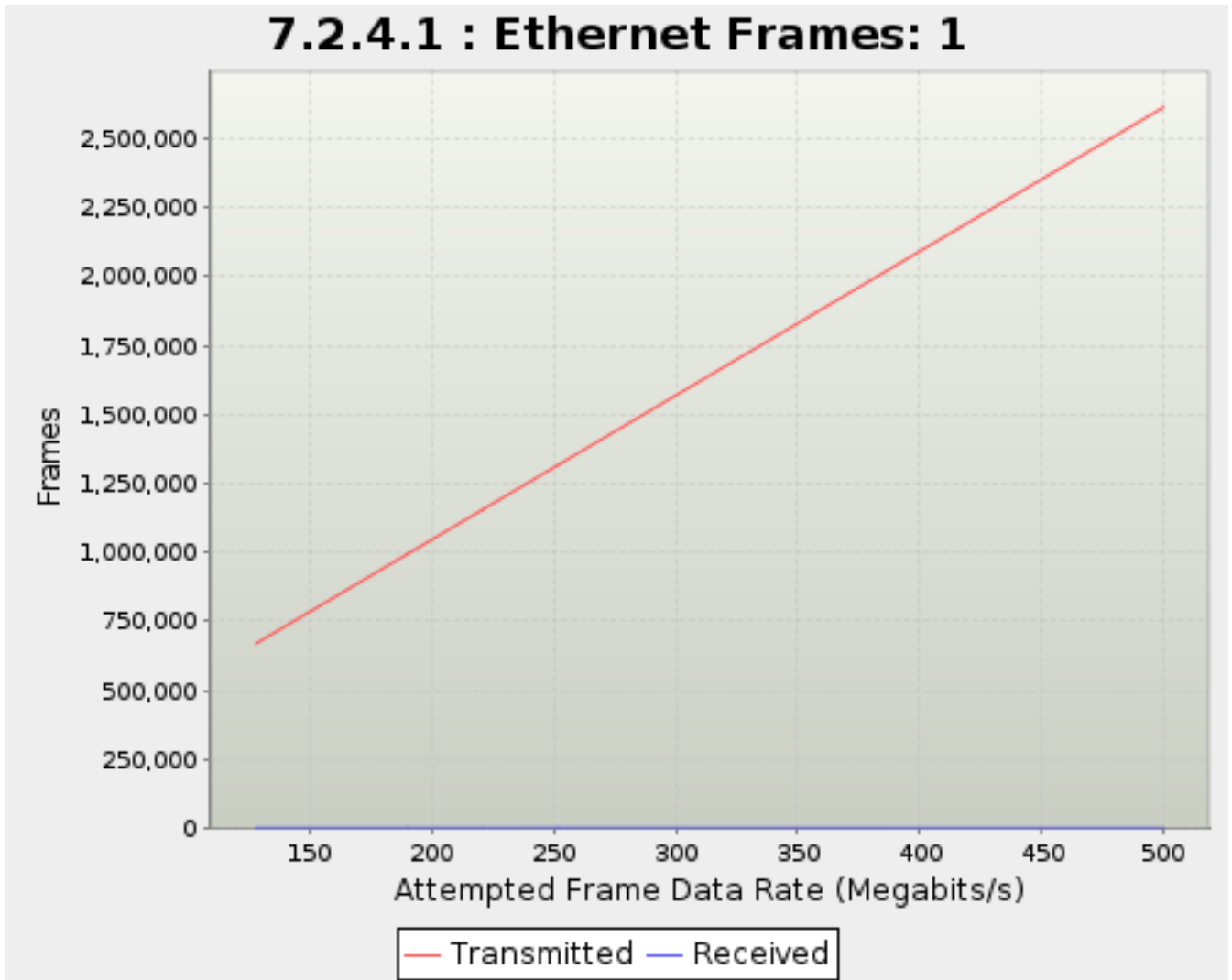
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	64.204	3.73	6.62	26.36
190	64.921	4.12	6.76	26.36
221	64.269	3.85	6.75	26.36
252	64.961	3.29	6.63	26.36
500	64.288	3.22	6.65	26.36

7.2.4. Ethernet Frames



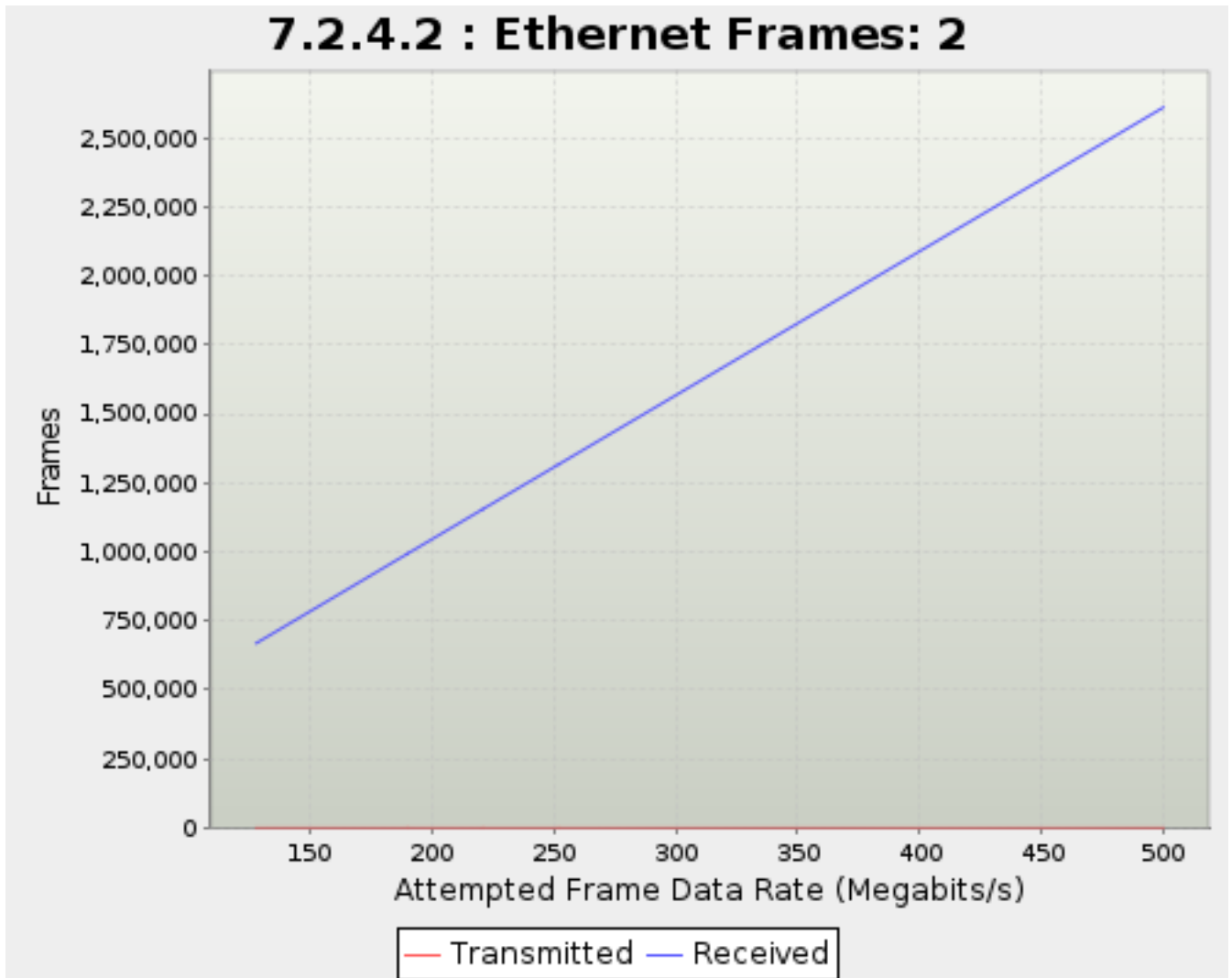
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.199	669,922	670,019 100.014%
190	64.915	994,050	994,168 100.012%
221	64.270	1,155,973	1,156,043 100.006%
252	64.915	1,318,120	1,317,820 99.977%
500	64.280	2,614,072	2,610,410 99.860%

7.2.4.1. Ethernet Frames: 1



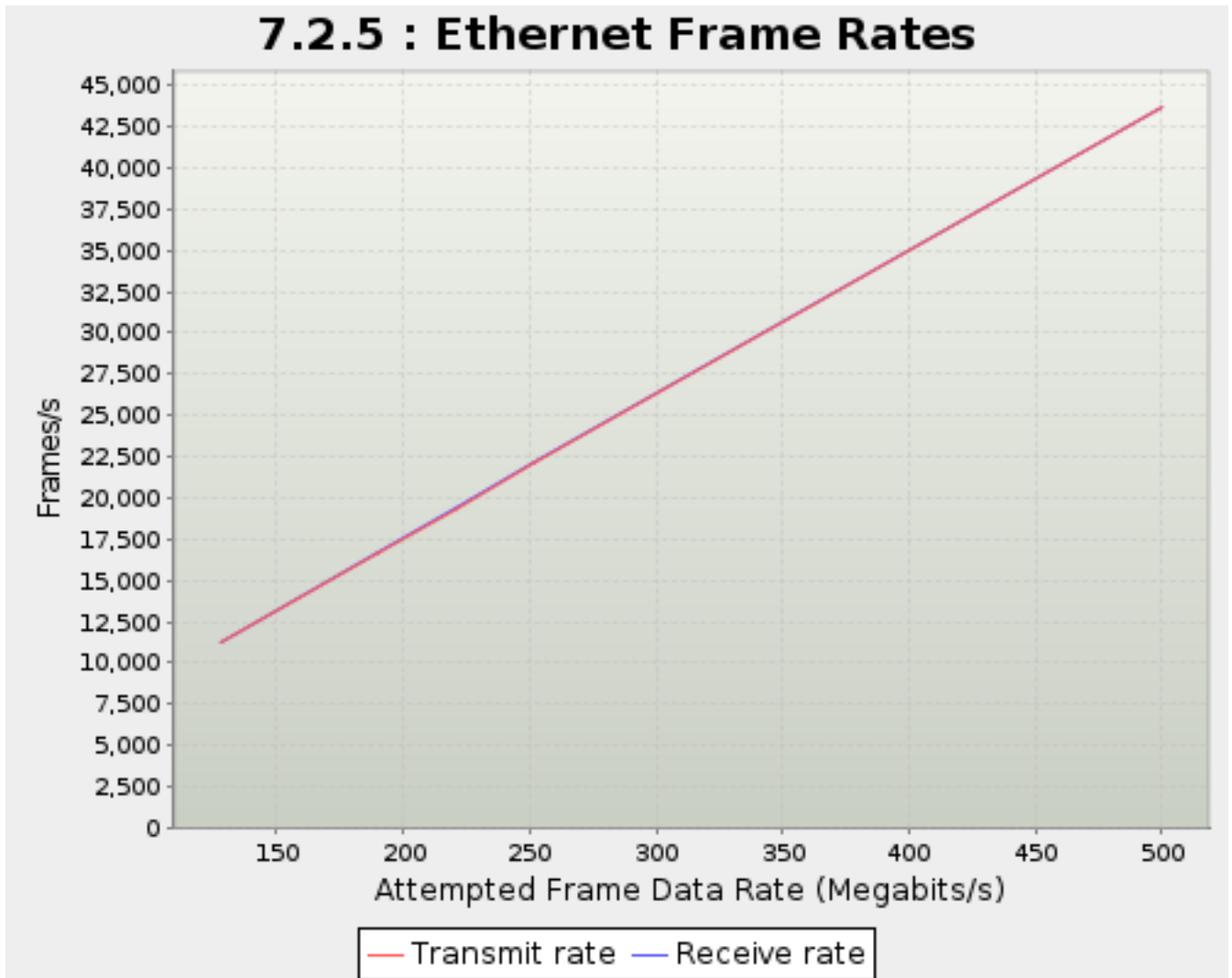
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.199	669,857	884 0.132%
190	64.915	993,923	909 0.091%
221	64.270	1,155,908	846 0.073%
252	64.915	1,318,055	1,057 0.080%
500	64.280	2,613,945	641 0.025%

7.2.4.2. Ethernet Frames: 2



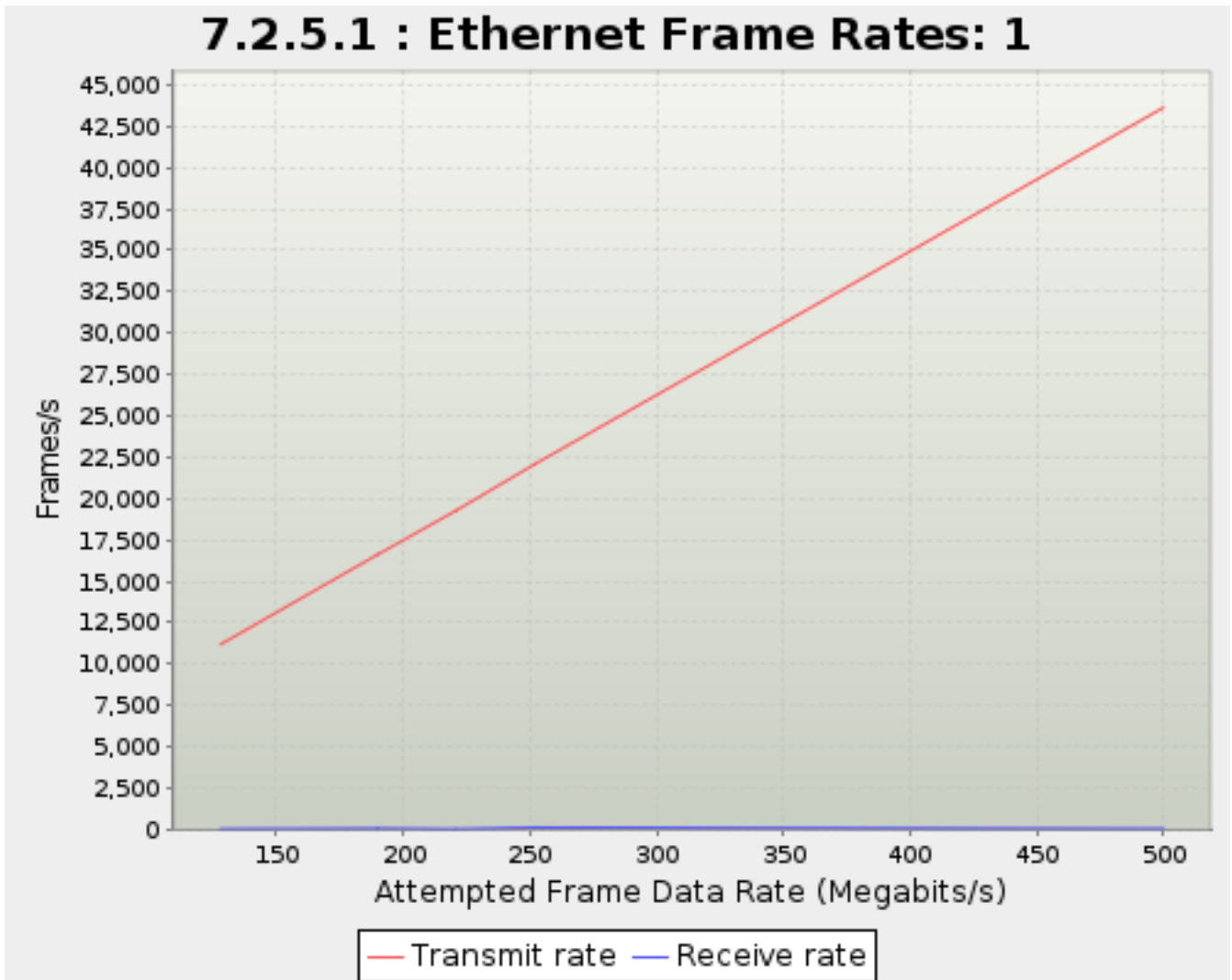
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.199	65	669,135 1029438.462%
190	64.915	127	993,259 782093.701%
221	64.270	65	1,155,197 1777226.154%
252	64.915	65	1,316,763 2025789.231%
500	64.280	127	2,609,769 2054936.220%

7.2.5. Ethernet Frame Rates



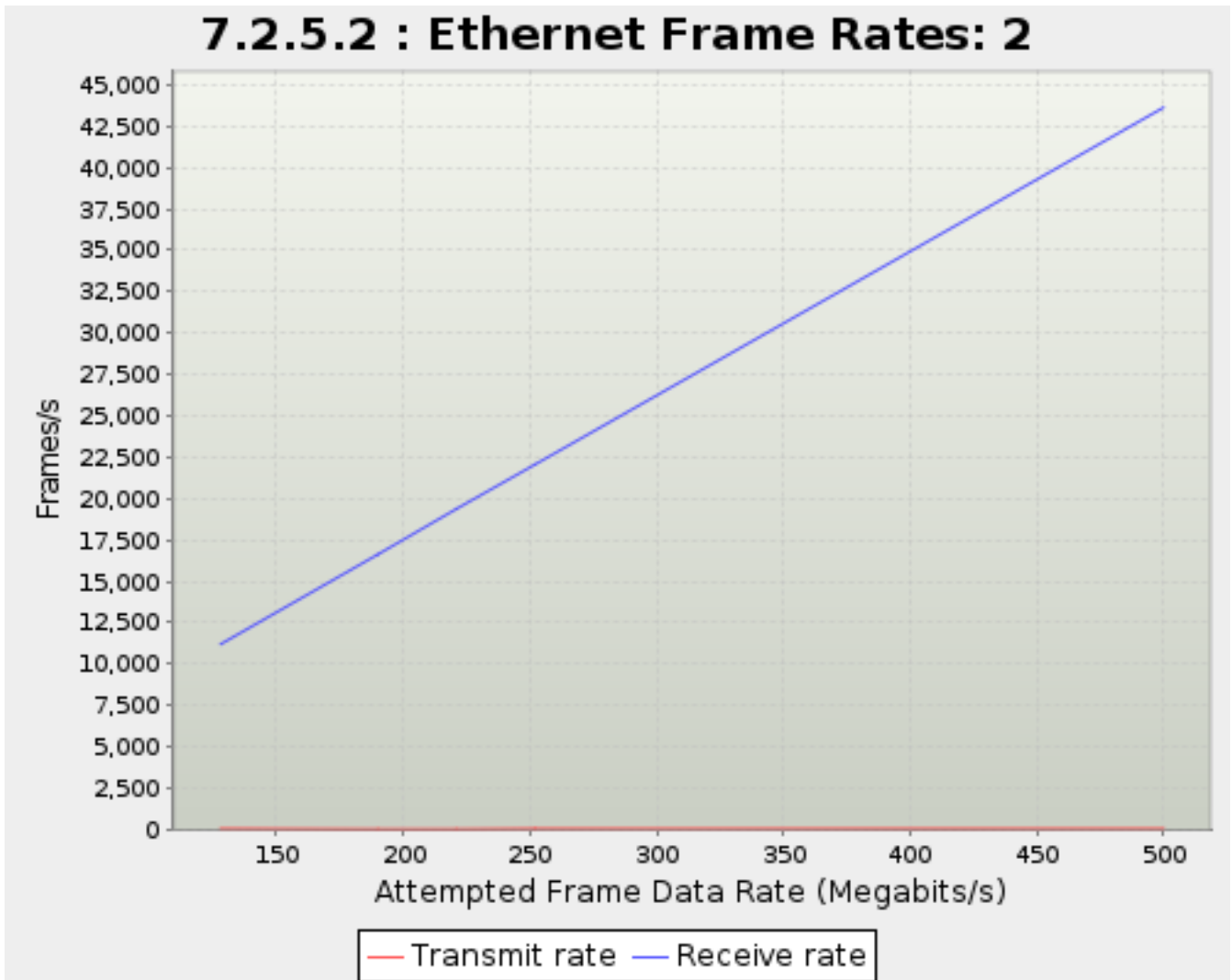
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	64.199	~11260	~11260
190	64.915	~16660	~16710
221	64.270	~19320	~19420
252	64.915	~22150	~22200
500	64.280	~43680	~43680

7.2.5.1. Ethernet Frame Rates: 1



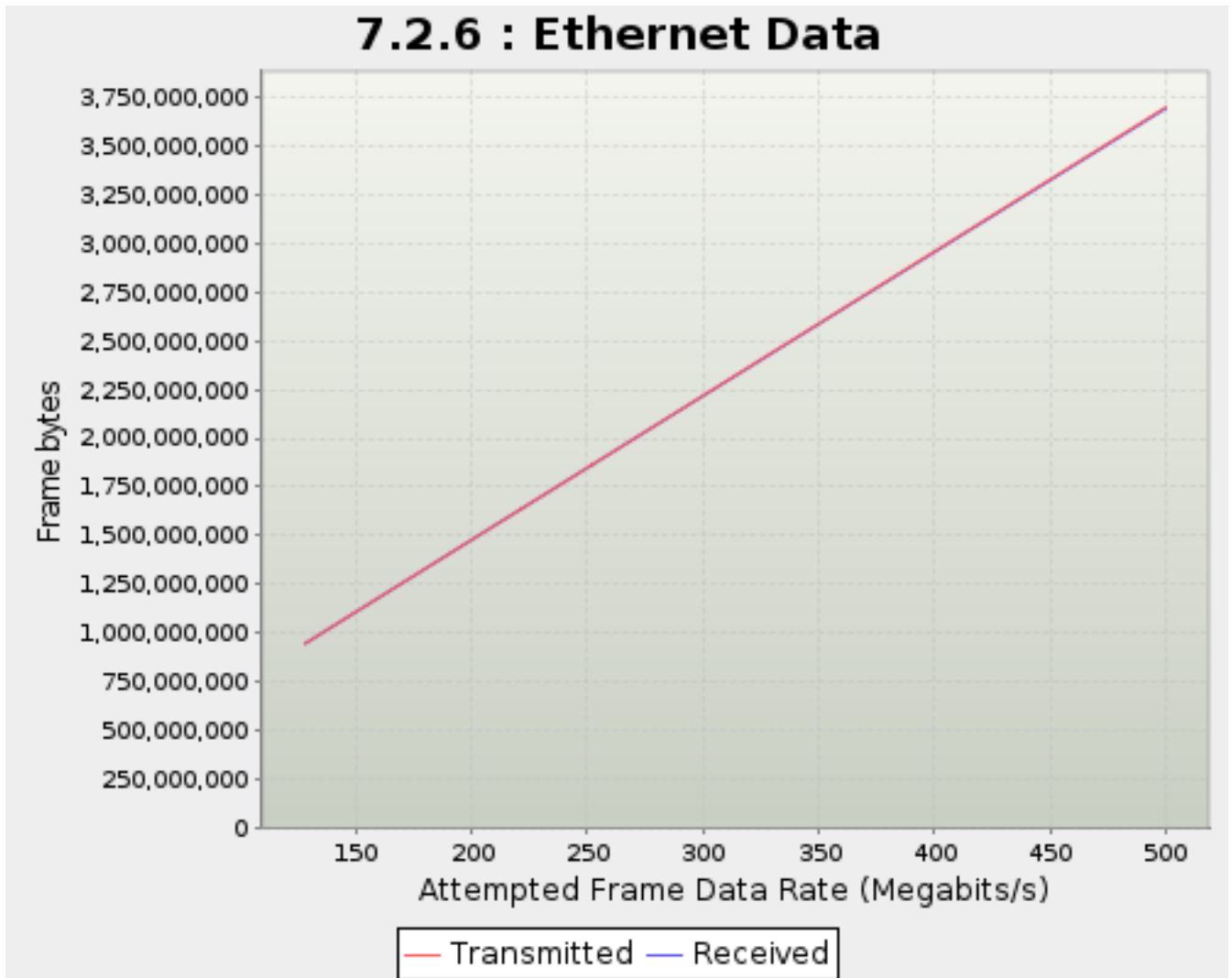
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	64.199	~11200	46.11
190	64.915	~16630	80.38
221	64.270	~19290	39.09
252	64.915	~22090	140.3
500	64.280	~43620	63.15

7.2.5.2. Ethernet Frame Rates: 2



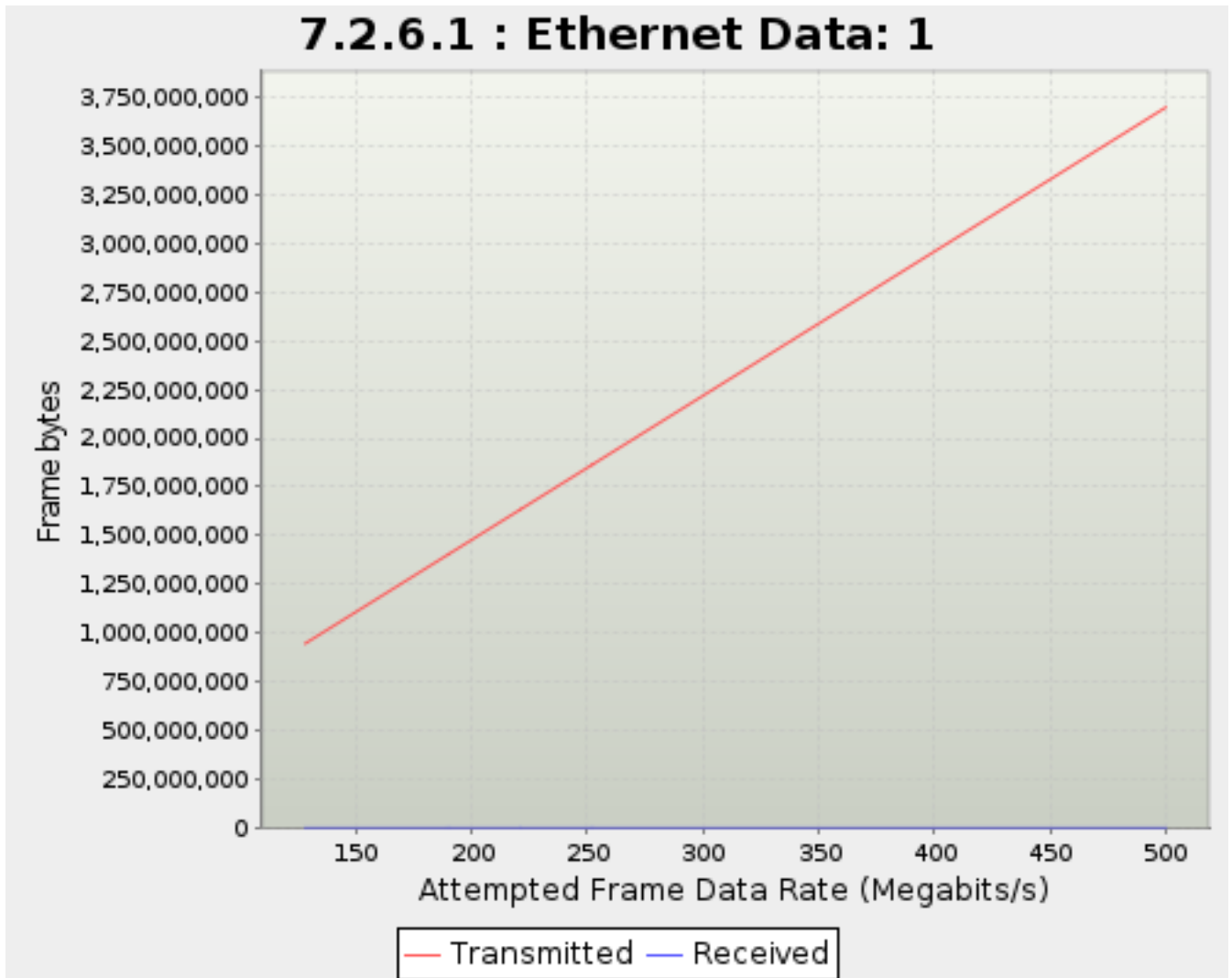
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
128	64.199	62.15	~11210
190	64.915	31.07	~16630
221	64.270	31.07	~19380
252	64.915	62.15	~22060
500	64.280	62.15	~43620

7.2.6. Ethernet Data



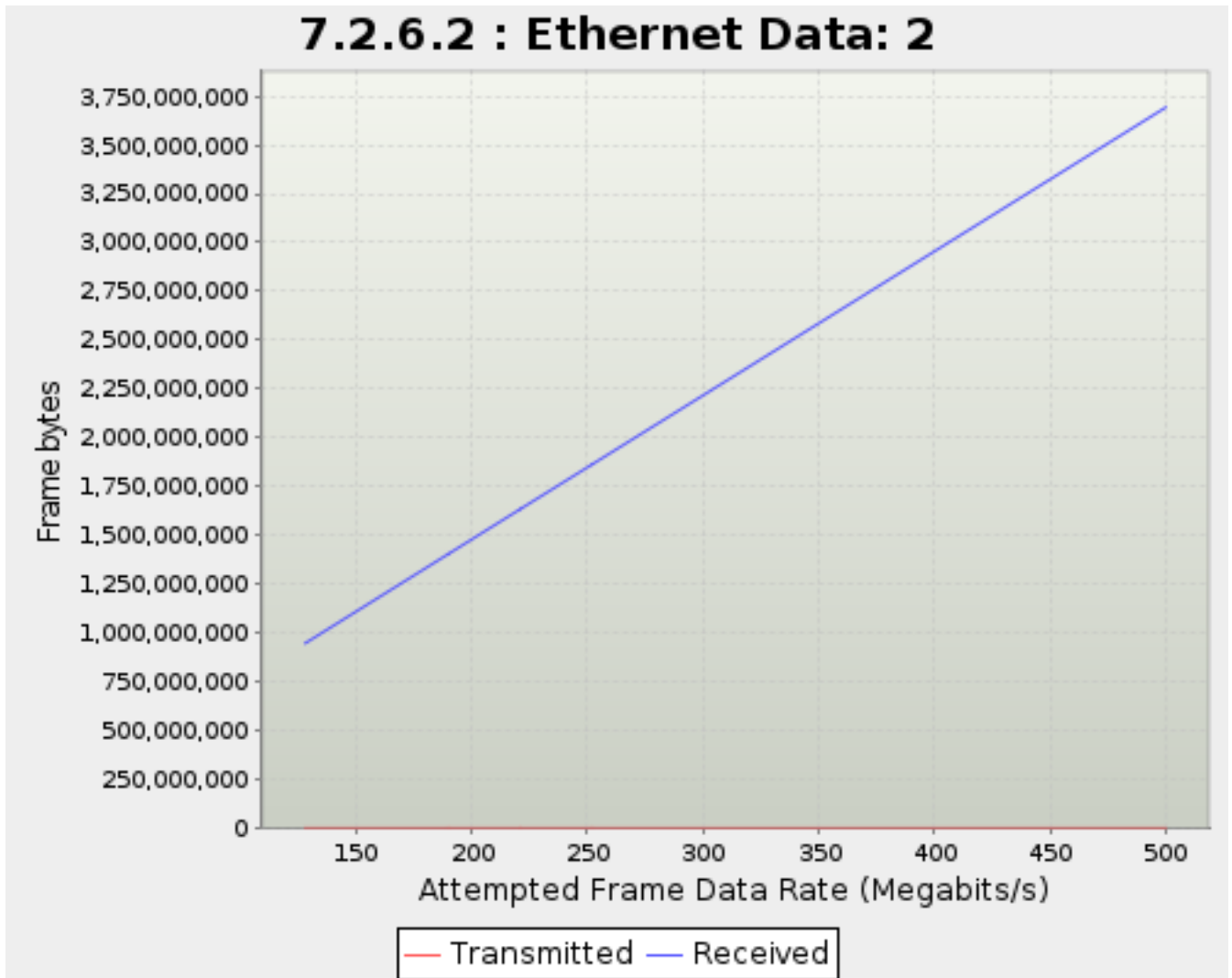
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.199	946,699,412	946,706,002 100.001%
190	64.915	1,405,248,664	1,405,256,614 100.001%
221	64.270	1,634,473,736	1,634,478,550 100.000%
252	64.915	1,863,794,204	1,863,102,735 99.963%
500	64.280	3,697,874,248	3,692,599,788 99.857%

7.2.6.1. Ethernet Data: 1



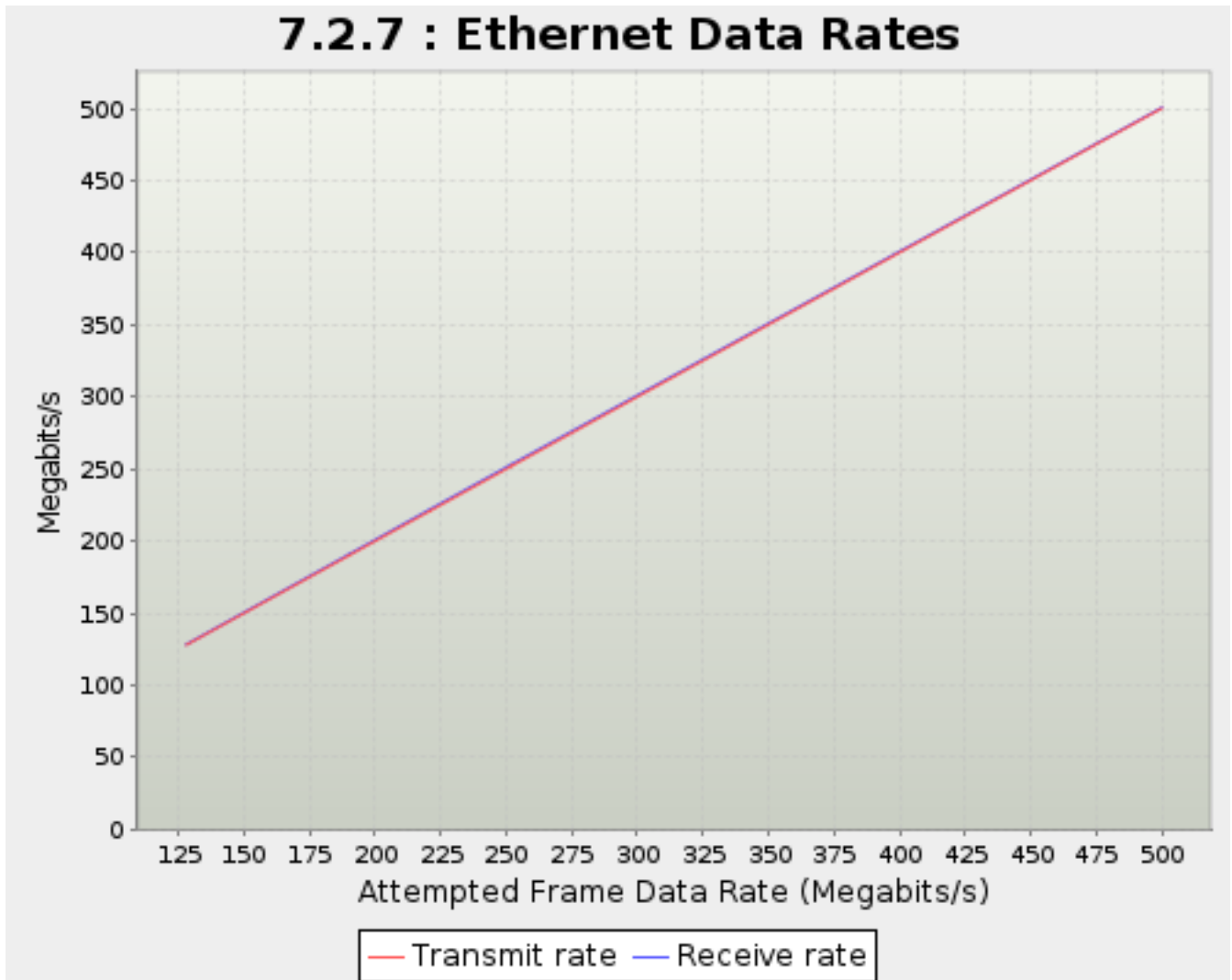
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.199	946,695,252	56,576 0.006%
190	64.915	1,405,240,536	58,176 0.004%
221	64.270	1,634,469,576	54,144 0.003%
252	64.915	1,863,790,044	67,648 0.004%
500	64.280	3,697,866,120	41,024 0.001%

7.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.199	4,160	946,649,426 22755995.817%
190	64.915	8,128	1,405,198,438 17288366.609%
221	64.270	4,160	1,634,424,406 39289048.221%
252	64.915	4,160	1,863,035,087 44784497.284%
500	64.280	8,128	3,692,558,764 45430102.904%

7.2.7. Ethernet Data Rates



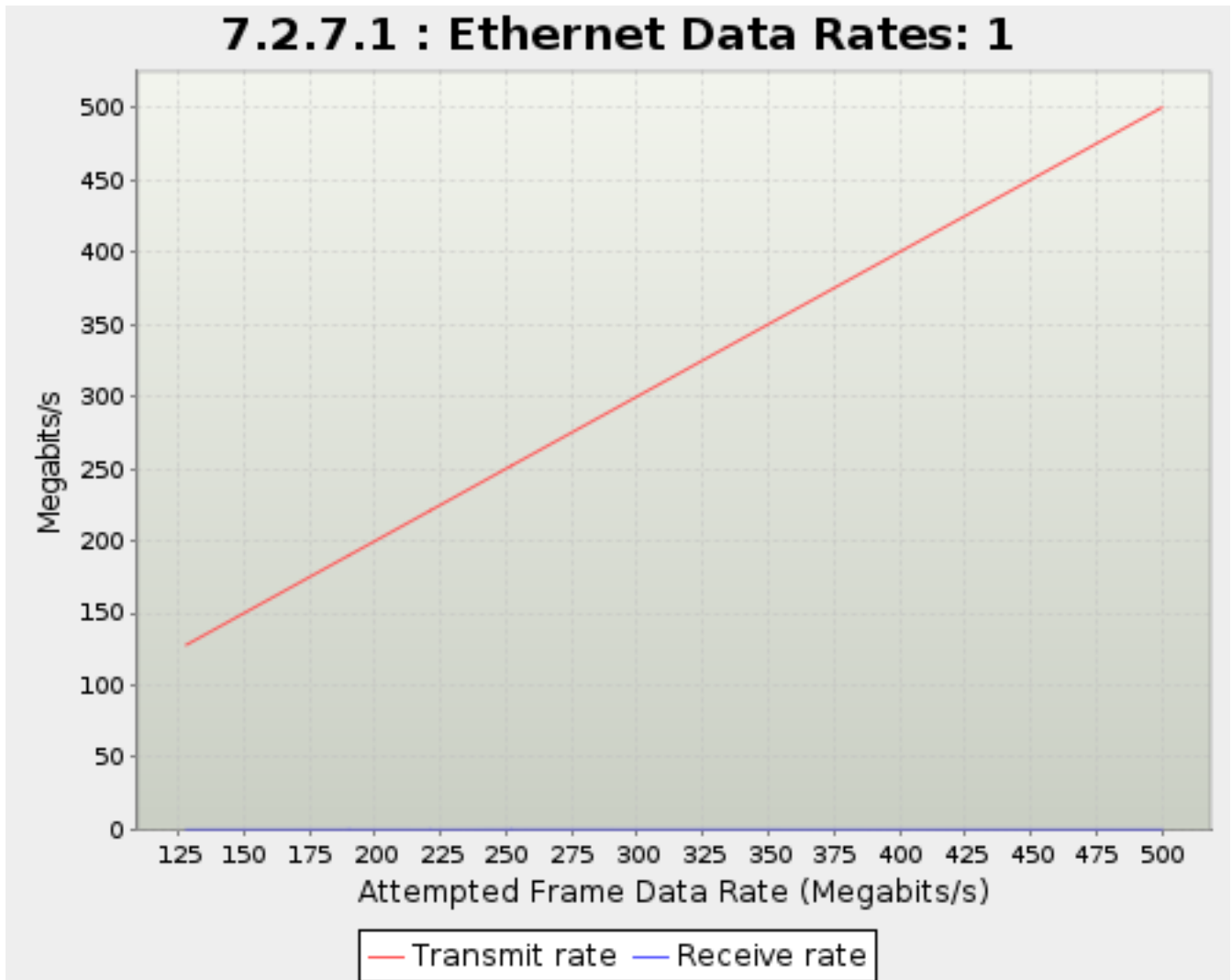
Data Rate shown includes Ethernet overhead.

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	64.199	128.1	128.5
190	64.915	190.1	190.9
221	64.270	221.1	222.2
252	64.915	252.1	253.3
500	64.280	500.1	500.6

7.2.7.1. Ethernet Data Rates: 1



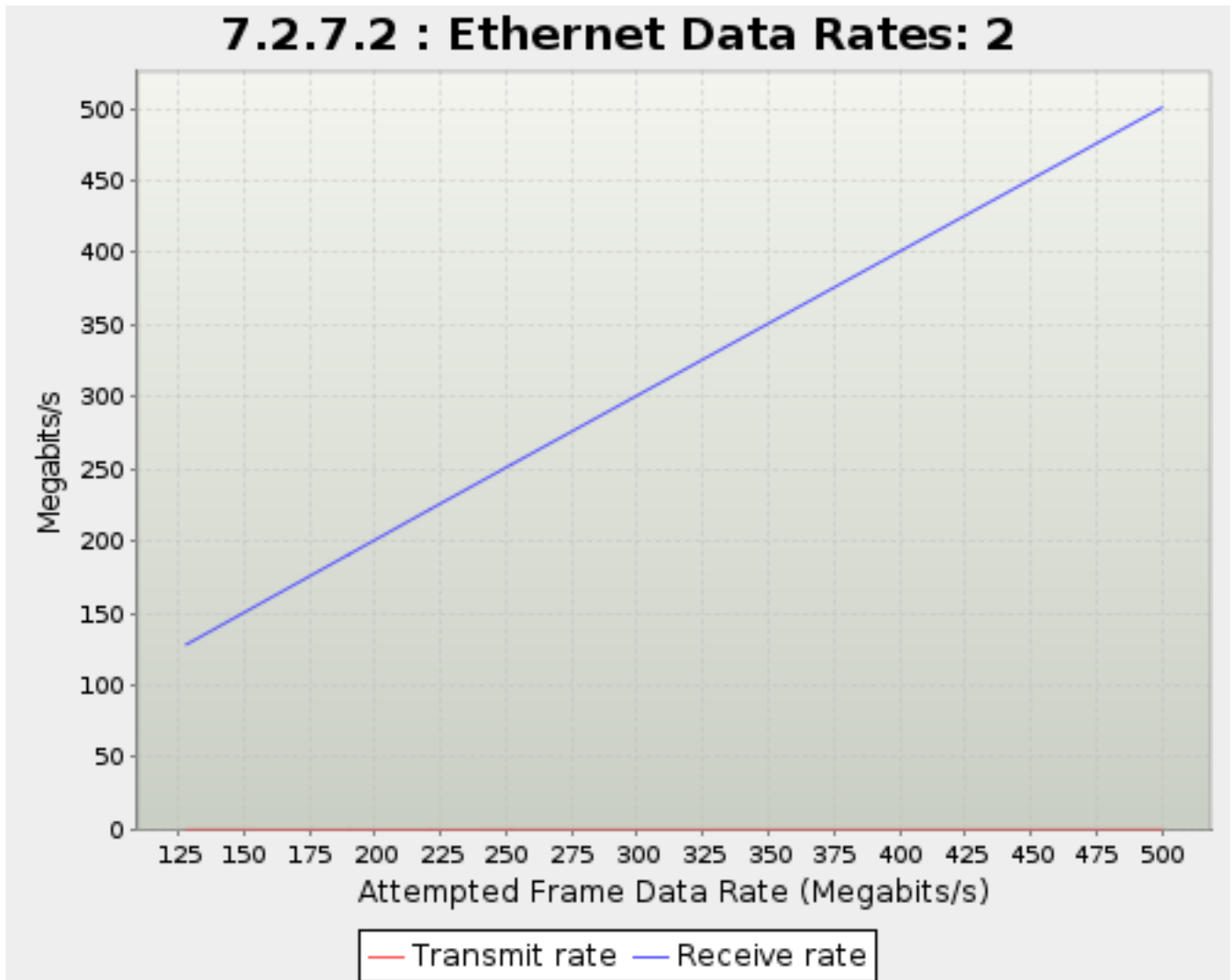
Data Rate shown includes Ethernet overhead.

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	64.199	~128	0.03099
190	64.915	~190	0.05402
221	64.270	~221	0.02627
252	64.915	252.1	0.09431
500	64.280	~500	0.04244

7.2.7.2. Ethernet Data Rates: 2



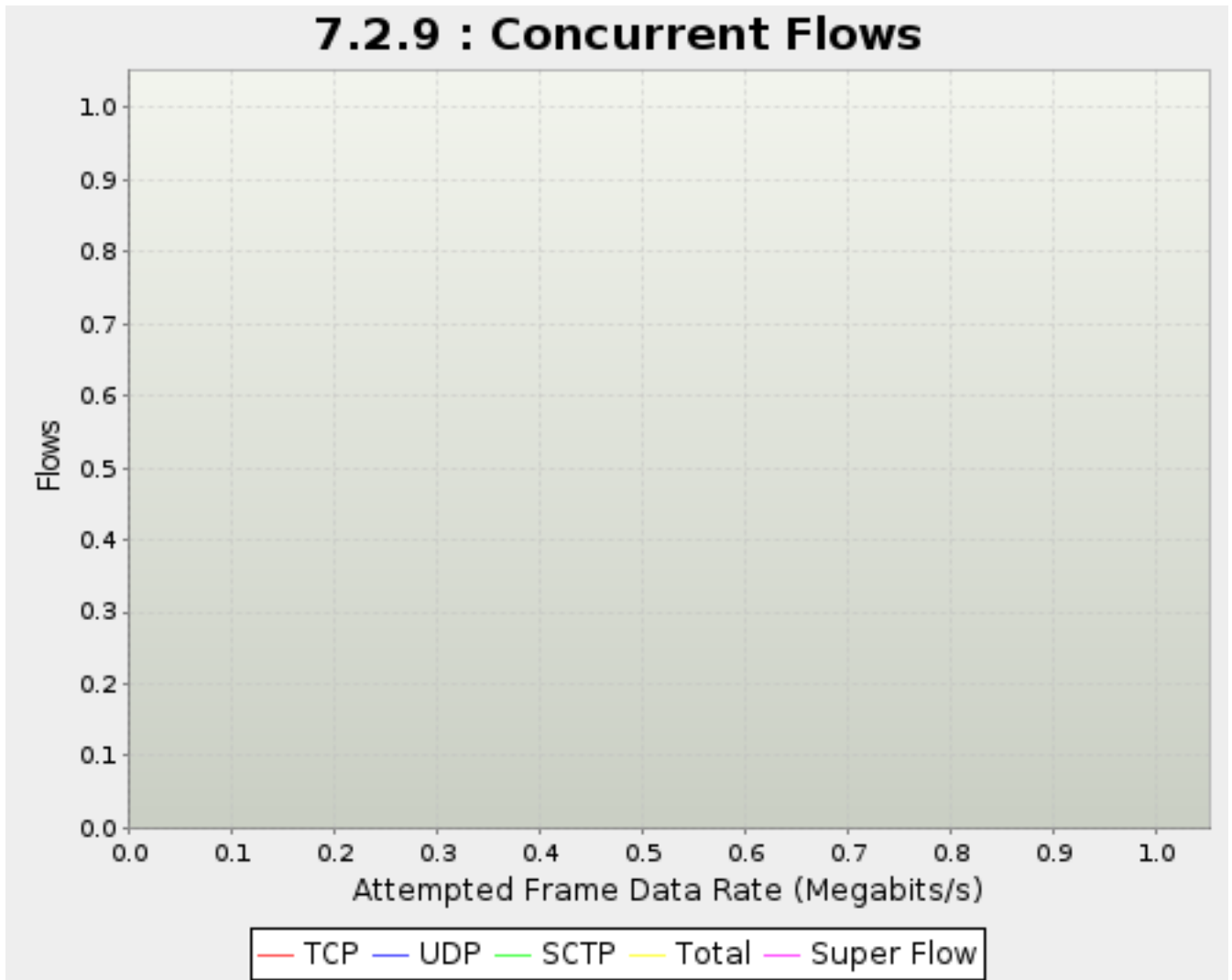
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

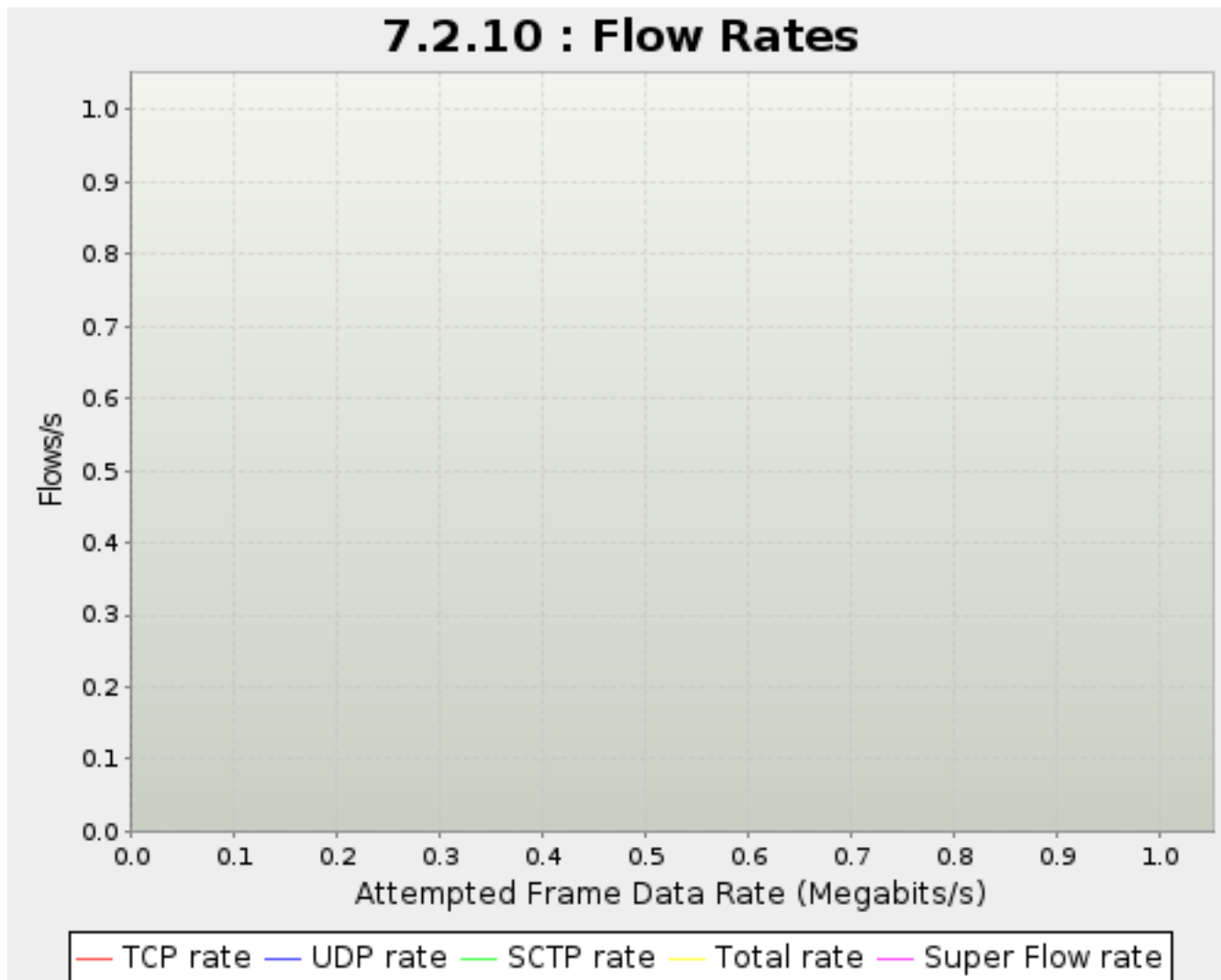
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	64.199	0.04176	128.4
190	64.915	0.02088	190.9
221	64.270	0.02088	222.2
252	64.915	0.04176	253.2
500	64.280	0.04176	500.6

7.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
128	63.534	0	0	0	0	0
190	64.893	0	0	0	0	0
221	63.569	0	0	0	0	0
252	64.894	0	0	0	0	0
500	63.578	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	63.534	0.00	0.00	0.00	0.00	0.00
190	64.893	0.00	0.00	0.00	0.00	0.00
221	63.569	0.00	0.00	0.00	0.00	0.00
252	64.894	0.00	0.00	0.00	0.00	0.00
500	63.578	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
190	0		10.201.0.0/16	10.201.0.254	up
190	0		192.168.0.0/16	192.168.0.1	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		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	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
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

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
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

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	64.196	6	6	929	912	0	17	0	0
190	64.912	6	6	997	980	0	17	0	0
221	64.260	6	6	919	903	0	16	0	0
252	64.919	6	6	1,007	990	0	17	0	0
500	64.280	6	6	778	762	0	16	0	0

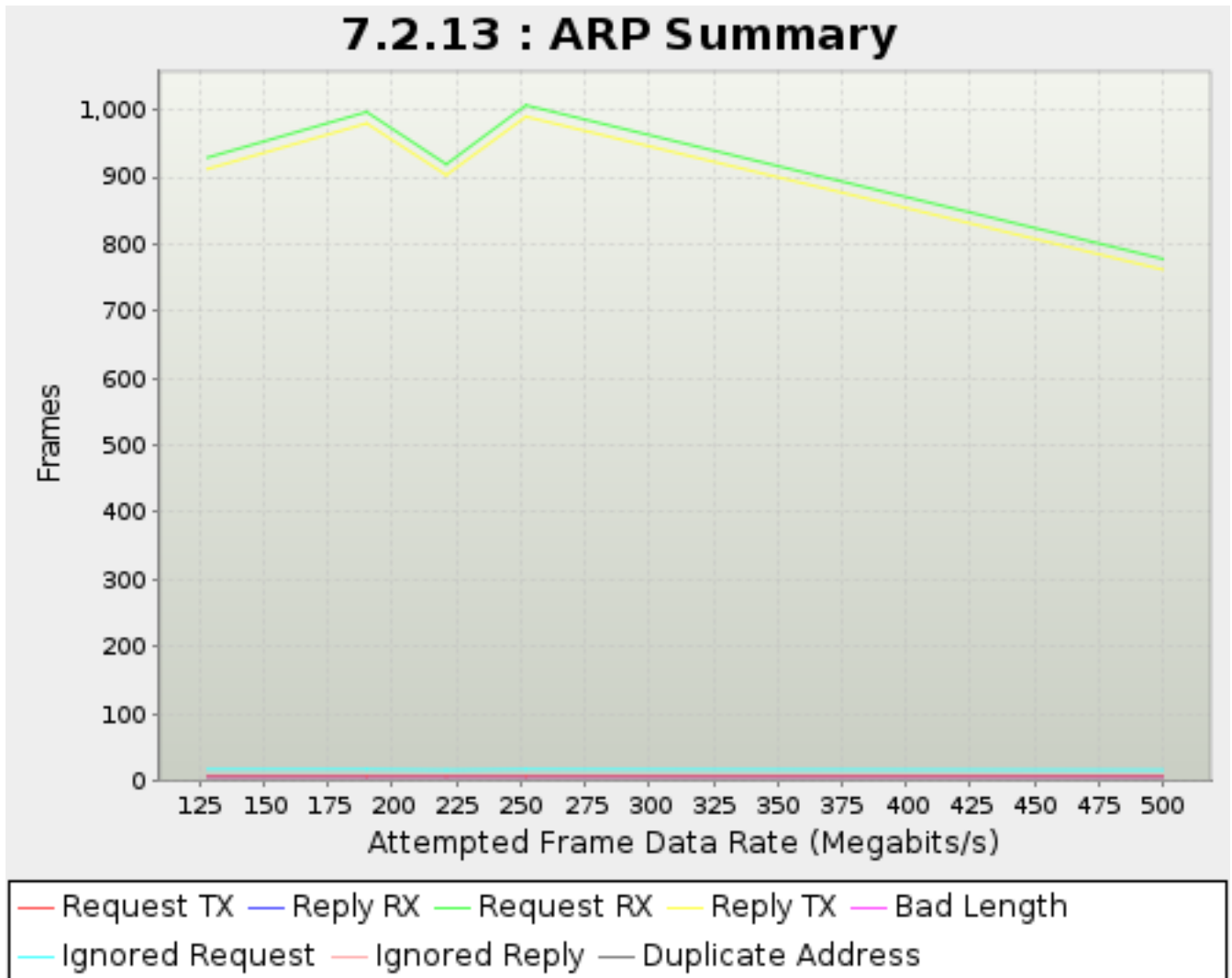
7.2.12.1. ARP: 1

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	64.196	3	3	851	850	0	1	0	0
190	64.912	3	3	857	856	0	1	0	0
221	64.260	3	3	842	841	0	1	0	0
252	64.919	3	3	928	928	0	0	0	0
500	64.280	3	3	638	638	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	64.196	3	3	78	62	0	16	0	0
190	64.912	3	3	140	124	0	16	0	0
221	64.260	3	3	77	62	0	15	0	0
252	64.919	3	3	79	62	0	17	0	0
500	64.280	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	929	912	0	17	0	0
190	6	6	997	980	0	17	0	0
221	6	6	919	903	0	16	0	0
252	6	6	1,007	990	0	17	0	0
500	6	6	778	762	0	16	0	0

7.2.16. Slot 1 NP np1-0 statistics

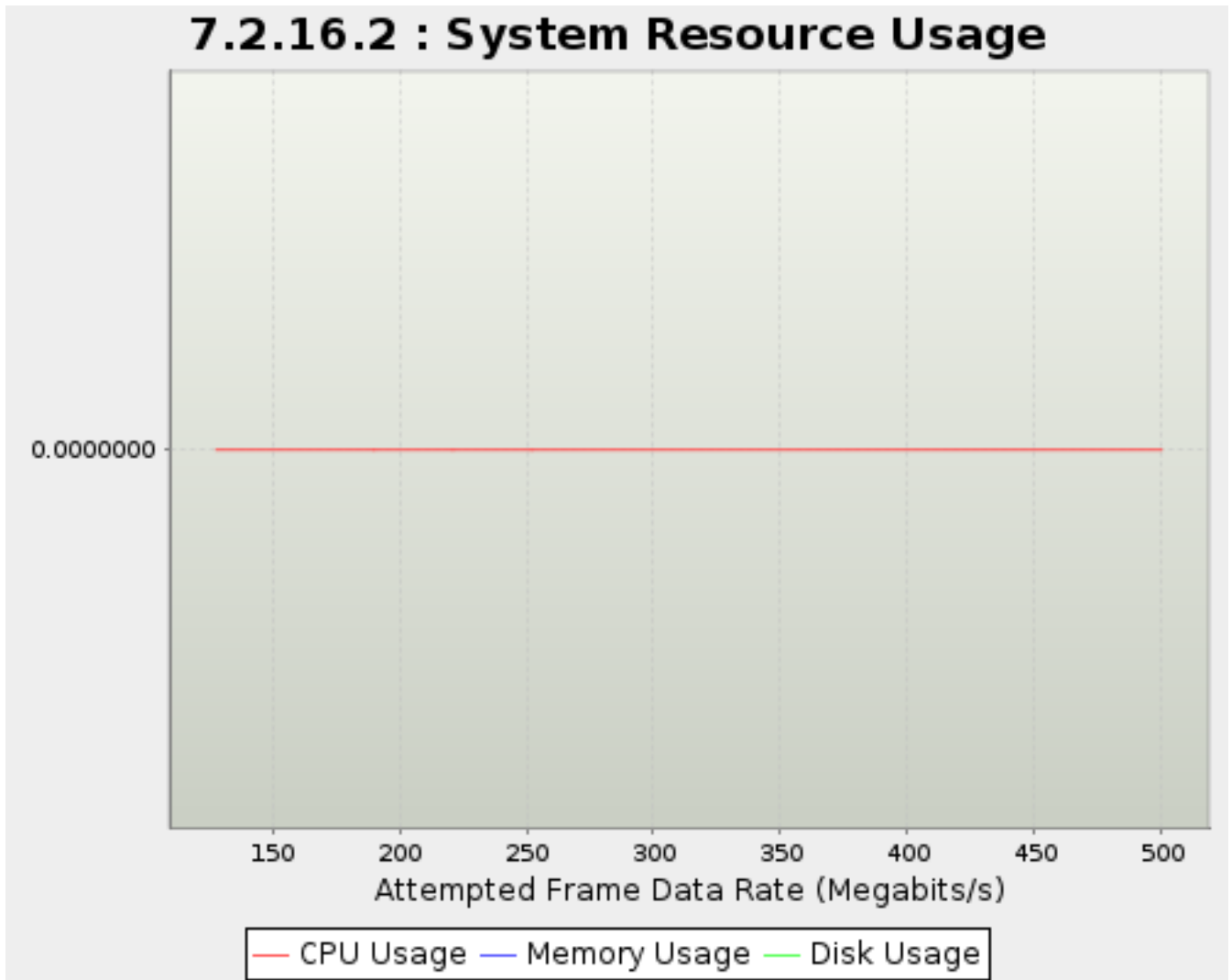
7.2.16.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

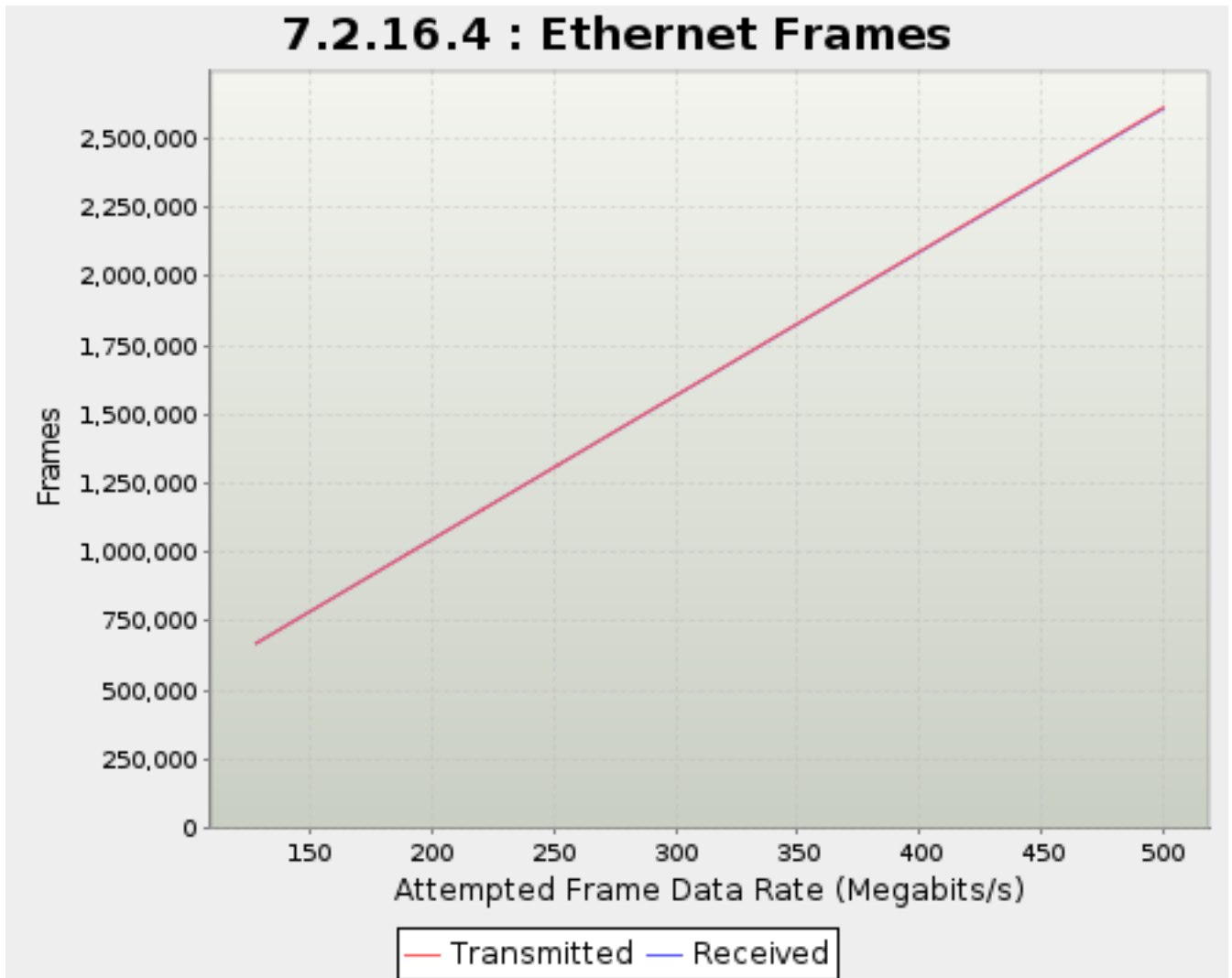
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0

7.2.16.2. System Resource Usage



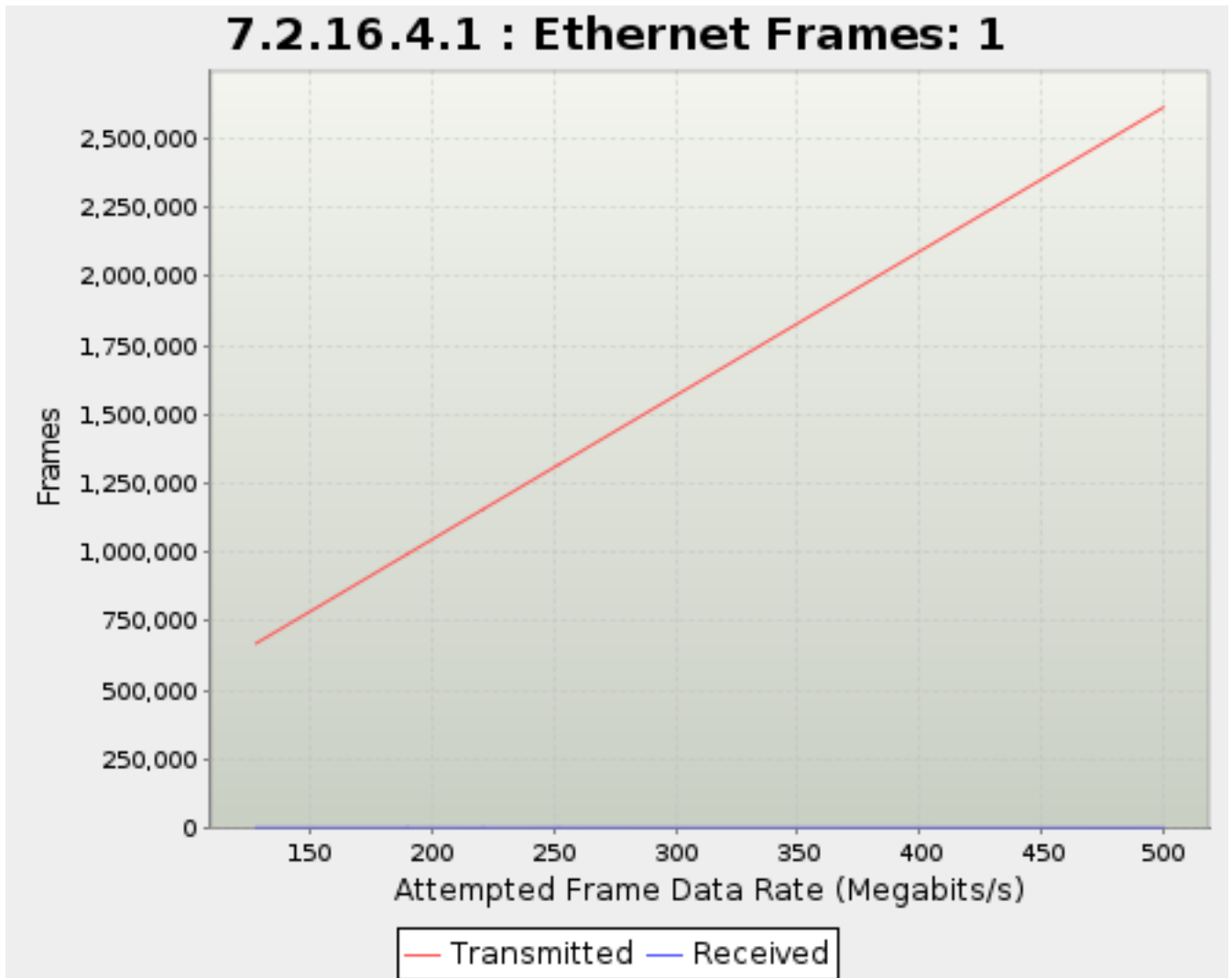
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	64.196	0	0	0
190	64.912	0	0	0
221	64.260	0	0	0
252	64.919	0	0	0
500	64.280	0	0	0

7.2.16.4. Ethernet Frames



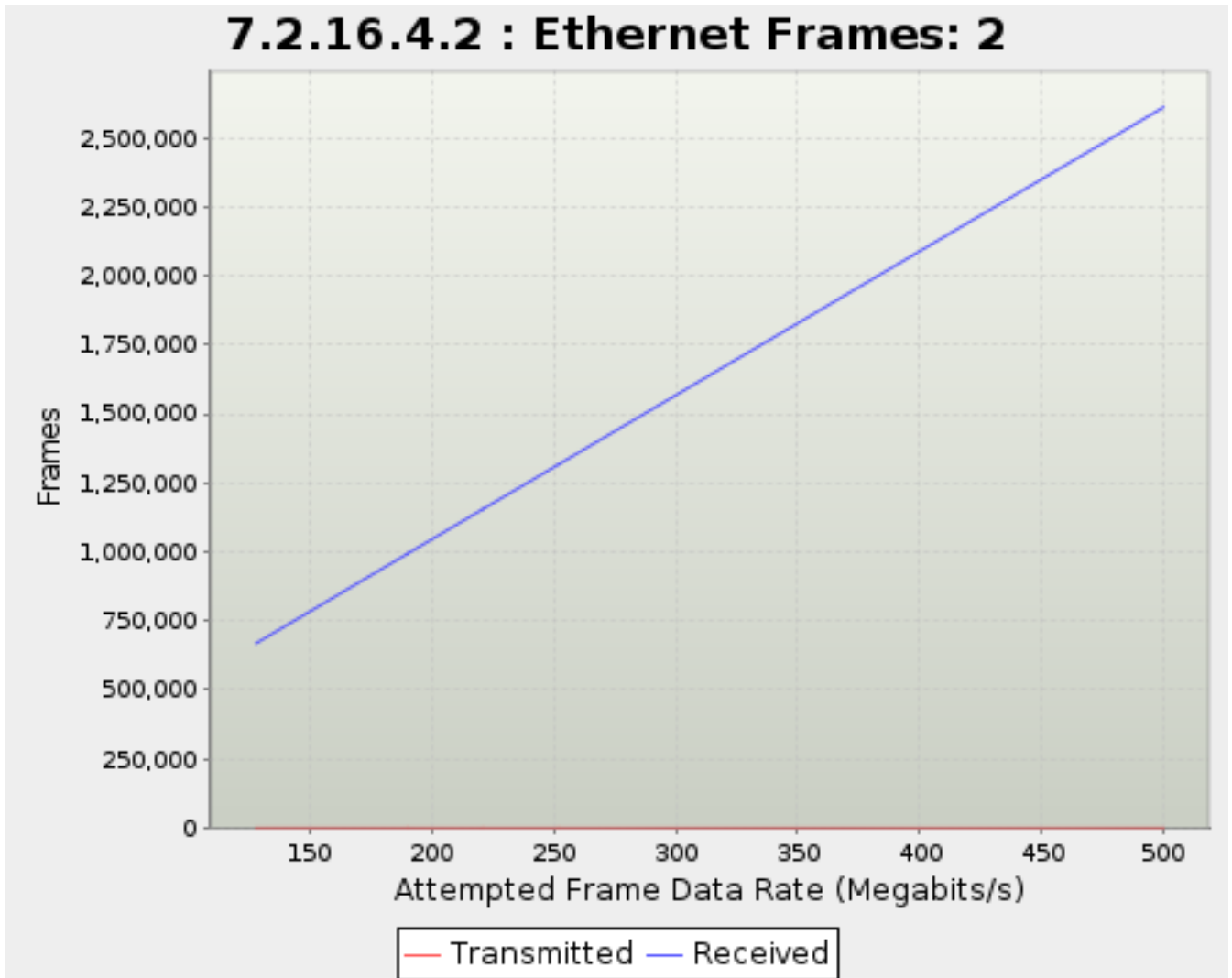
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.199	669,922	670,019 100.014%
190	64.915	994,050	994,168 100.012%
221	64.270	1,155,973	1,156,043 100.006%
252	64.915	1,318,120	1,317,820 99.977%
500	64.280	2,614,072	2,610,410 99.860%

7.2.16.4.1. Ethernet Frames: 1



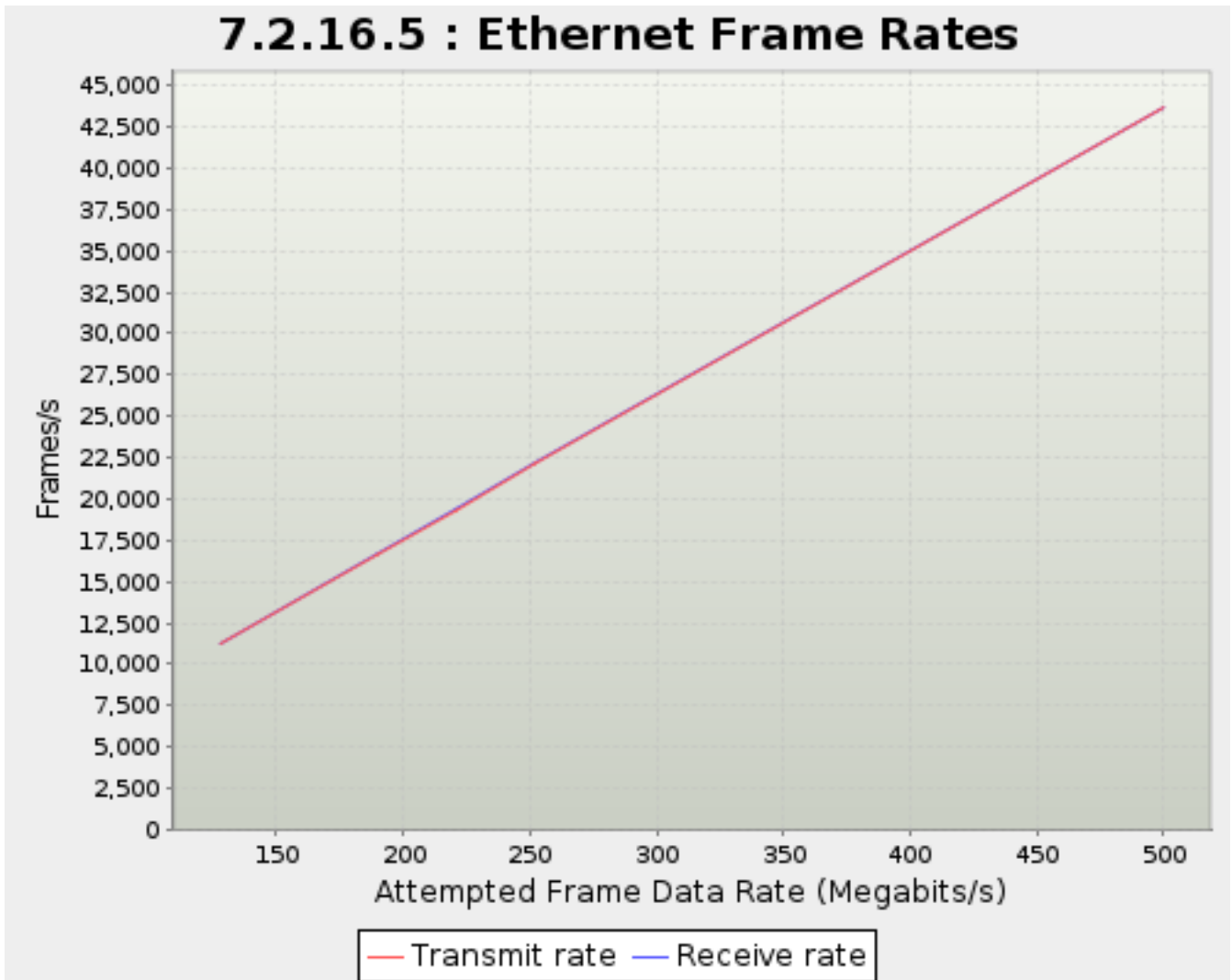
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.199	669,857	884 0.132%
190	64.915	993,923	909 0.091%
221	64.270	1,155,908	846 0.073%
252	64.915	1,318,055	1,057 0.080%
500	64.280	2,613,945	641 0.025%

7.2.16.4.2. Ethernet Frames: 2



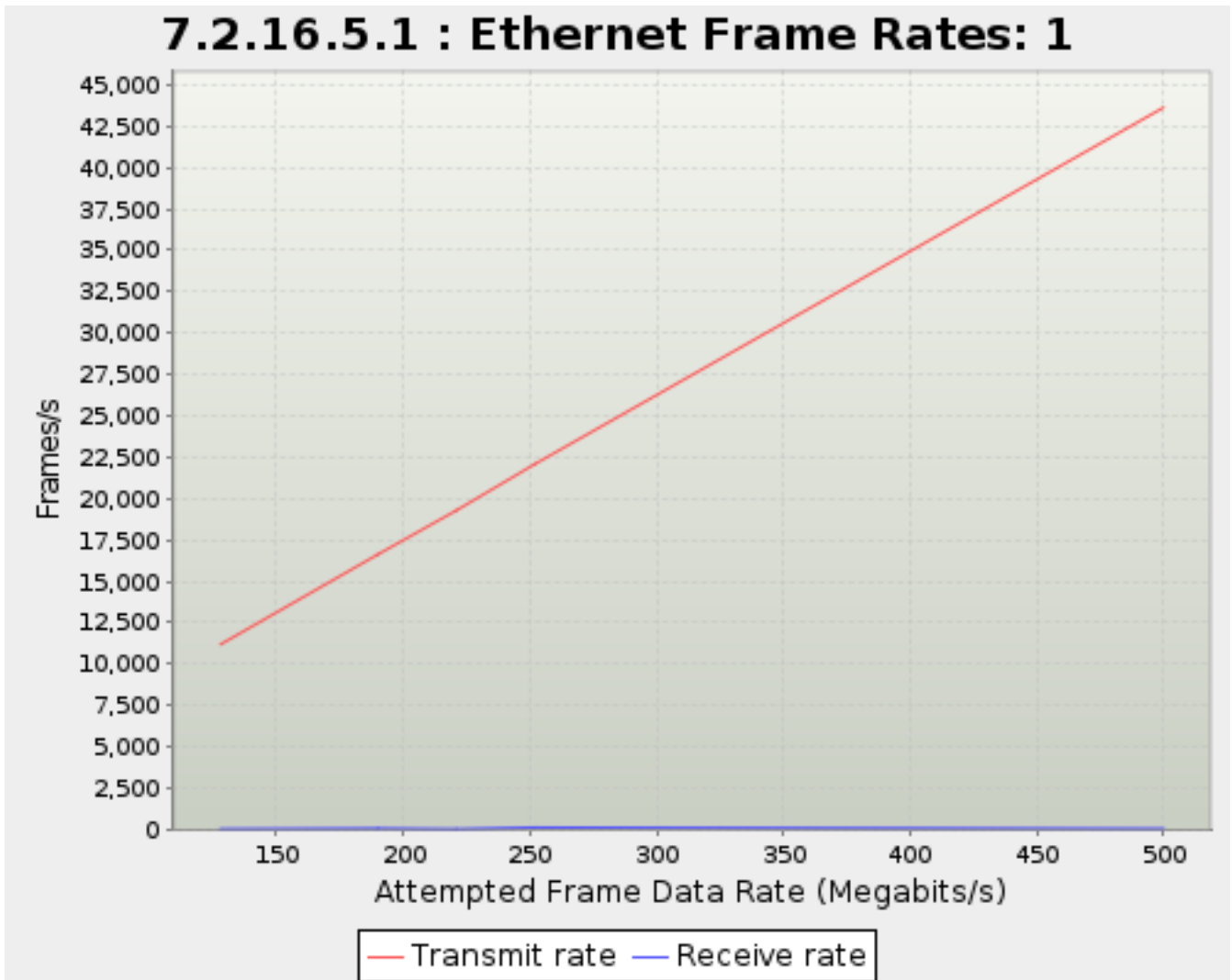
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.199	65	669,135 1029438.462%
190	64.915	127	993,259 782093.701%
221	64.270	65	1,155,197 1777226.154%
252	64.915	65	1,316,763 2025789.231%
500	64.280	127	2,609,769 2054936.220%

7.2.16.5. Ethernet Frame Rates



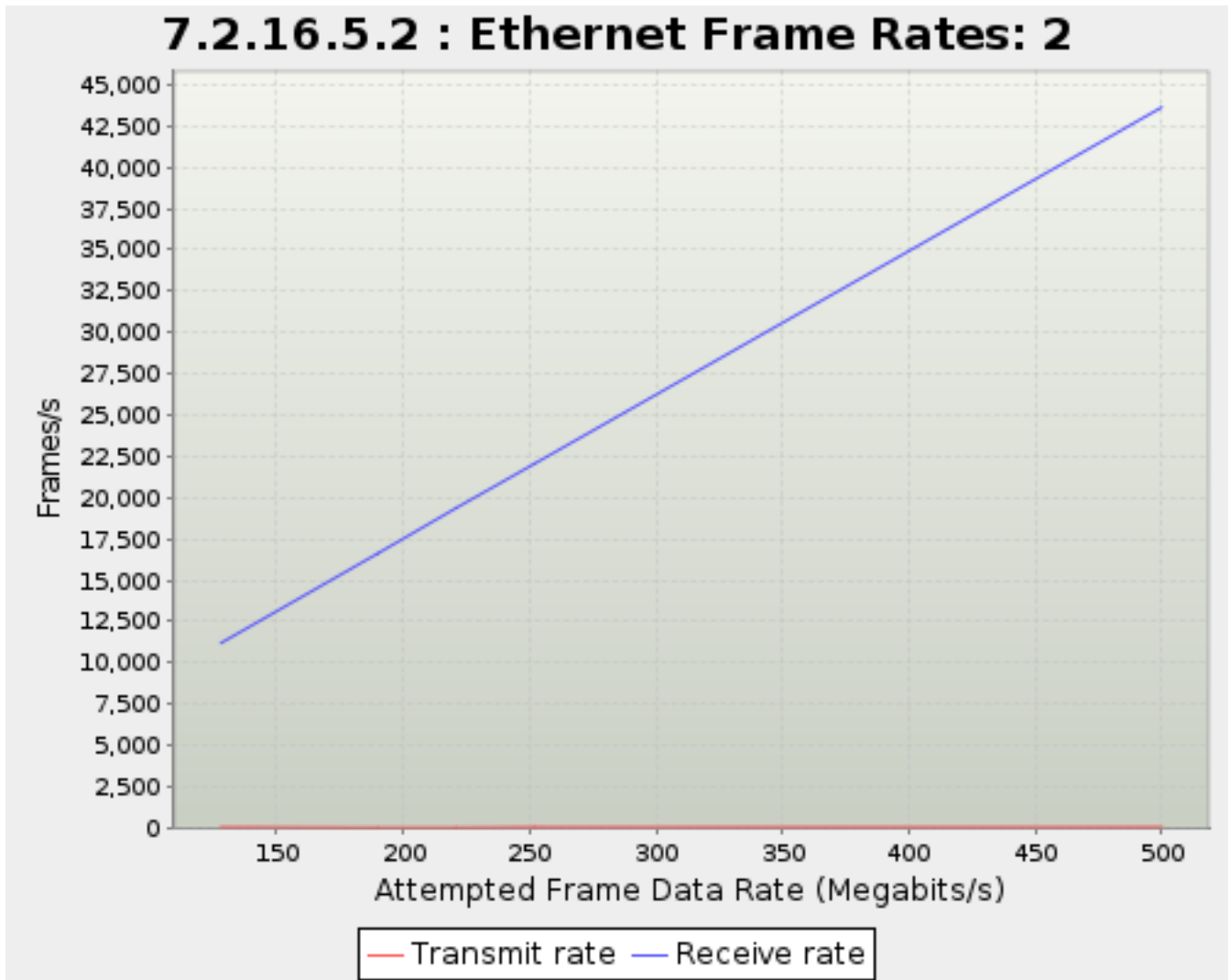
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	64.199	~11260	~11260
190	64.915	~16660	~16710
221	64.270	~19320	~19420
252	64.915	~22150	~22200
500	64.280	~43680	~43680

7.2.16.5.1. Ethernet Frame Rates: 1



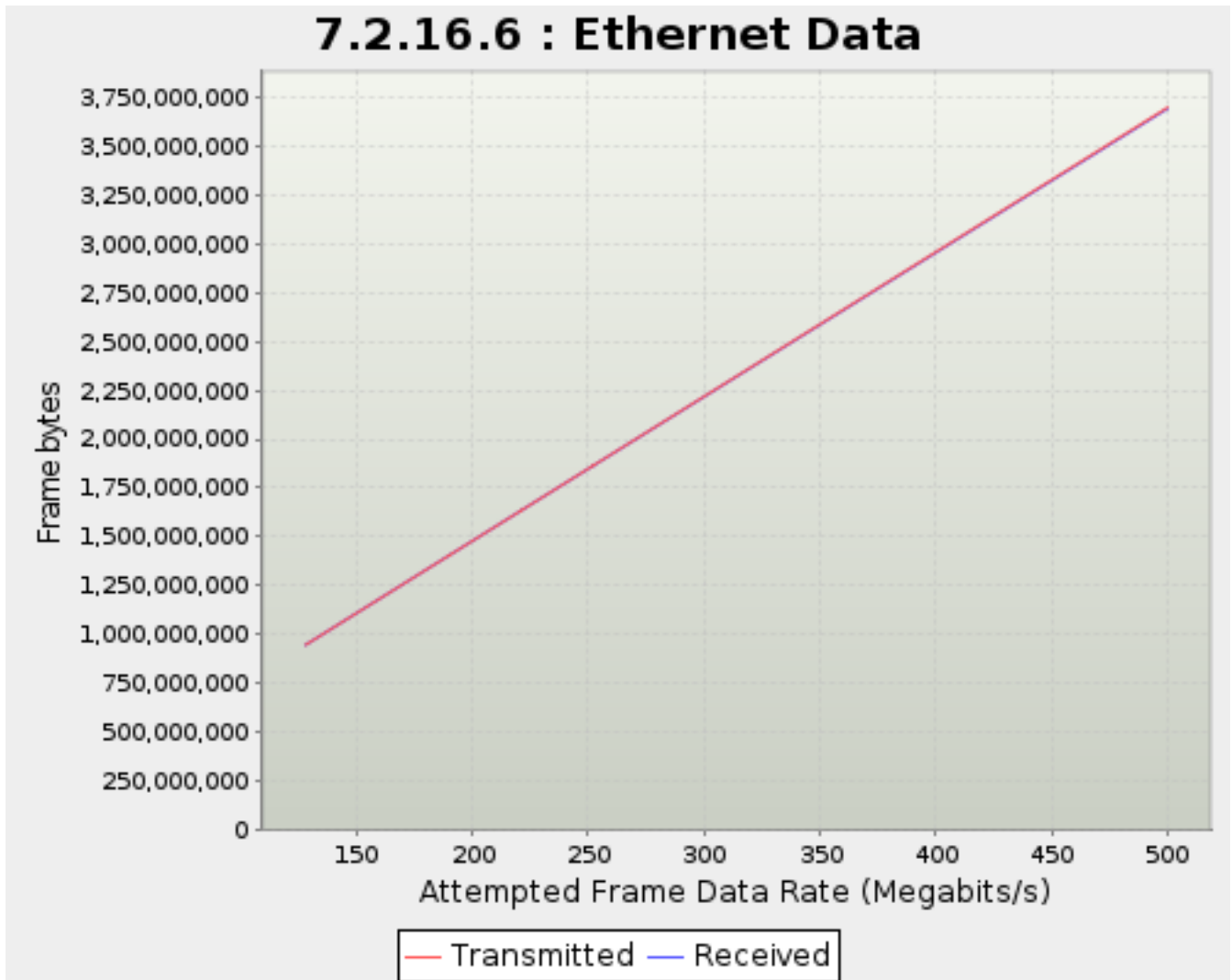
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	64.199	~11200	46.11
190	64.915	~16630	80.38
221	64.270	~19290	39.09
252	64.915	~22090	140.3
500	64.280	~43620	63.15

7.2.16.5.2. Ethernet Frame Rates: 2



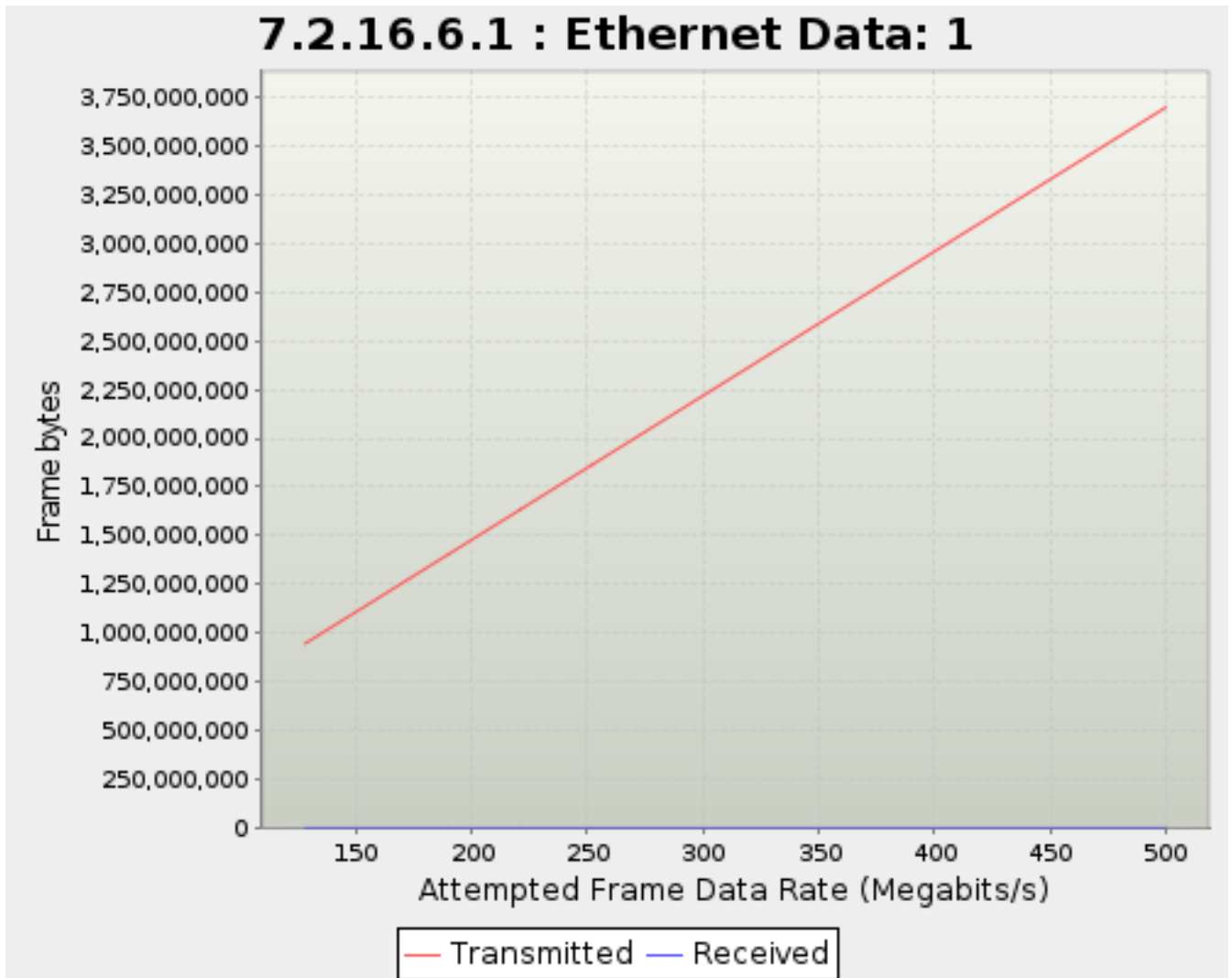
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
128	64.199	62.15	~11210
190	64.915	31.07	~16630
221	64.270	31.07	~19380
252	64.915	62.15	~22060
500	64.280	62.15	~43620

7.2.16.6. Ethernet Data



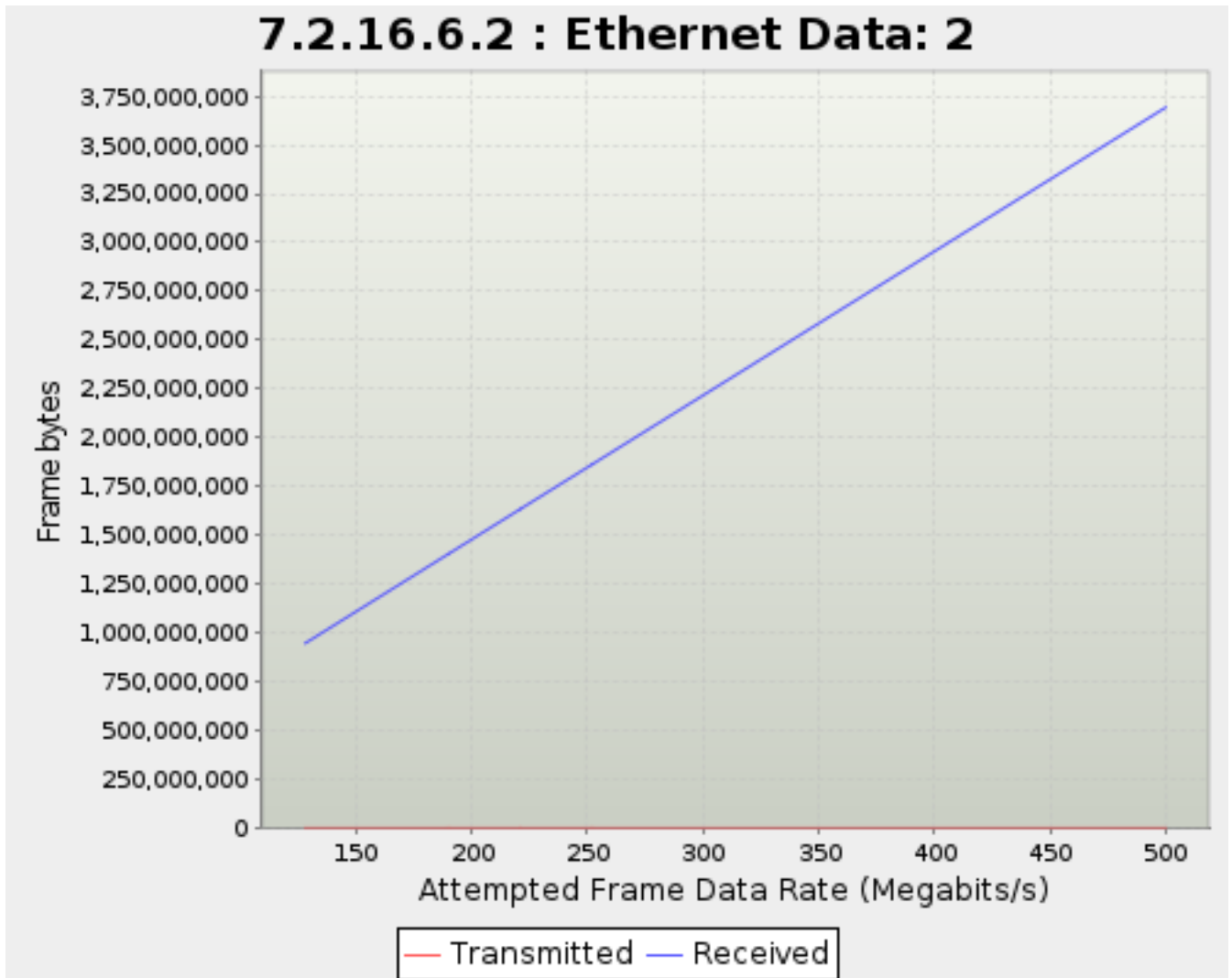
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.199	946,699,412	946,706,002 100.001%
190	64.915	1,405,248,664	1,405,256,614 100.001%
221	64.270	1,634,473,736	1,634,478,550 100.000%
252	64.915	1,863,794,204	1,863,102,735 99.963%
500	64.280	3,697,874,248	3,692,599,788 99.857%

7.2.16.6.1. Ethernet Data: 1



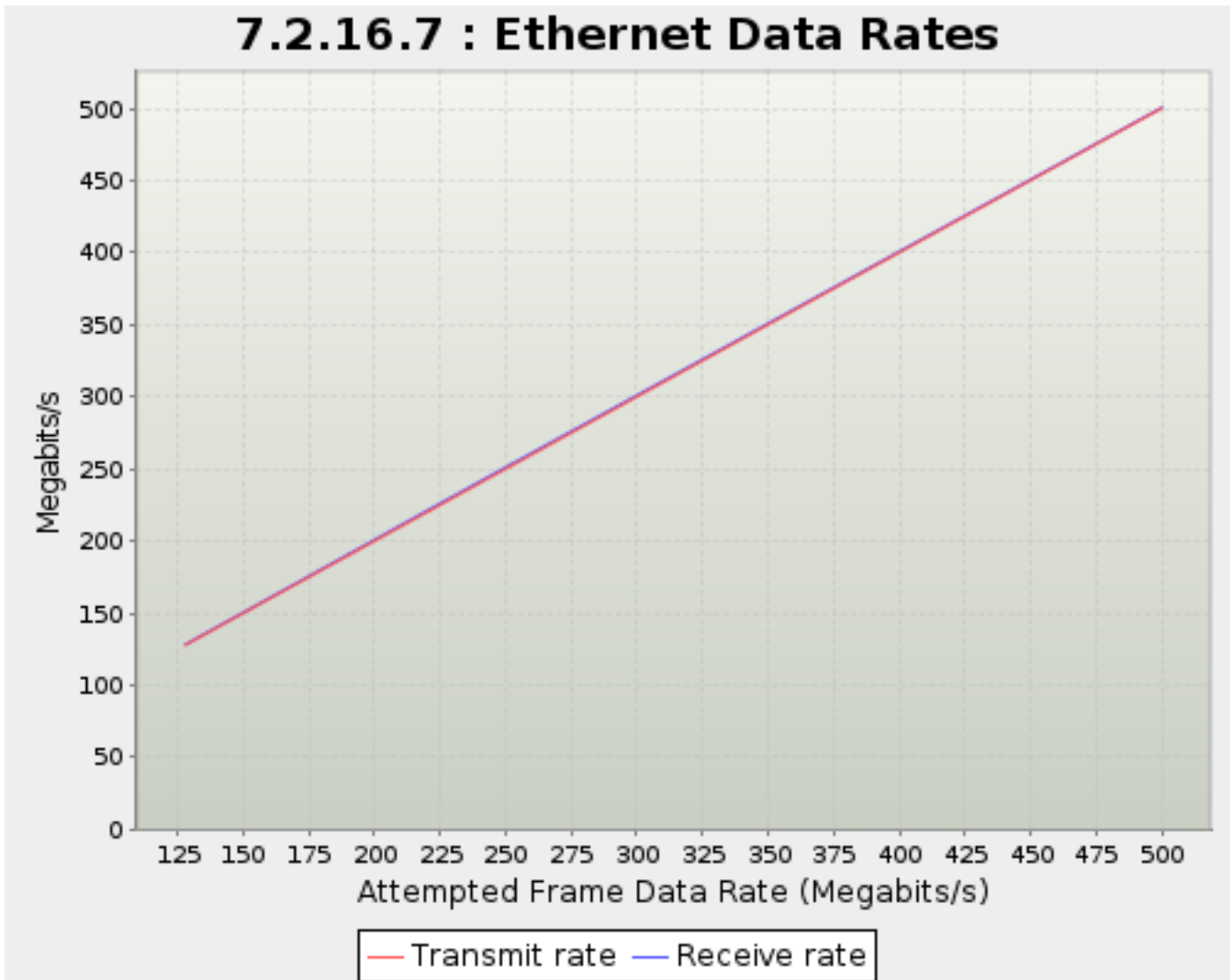
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.199	946,695,252	56,576 0.006%
190	64.915	1,405,240,536	58,176 0.004%
221	64.270	1,634,469,576	54,144 0.003%
252	64.915	1,863,790,044	67,648 0.004%
500	64.280	3,697,866,120	41,024 0.001%

7.2.16.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.199	4,160	946,649,426 22755995.817%
190	64.915	8,128	1,405,198,438 17288366.609%
221	64.270	4,160	1,634,424,406 39289048.221%
252	64.915	4,160	1,863,035,087 44784497.284%
500	64.280	8,128	3,692,558,764 45430102.904%

7.2.16.7. Ethernet Data Rates



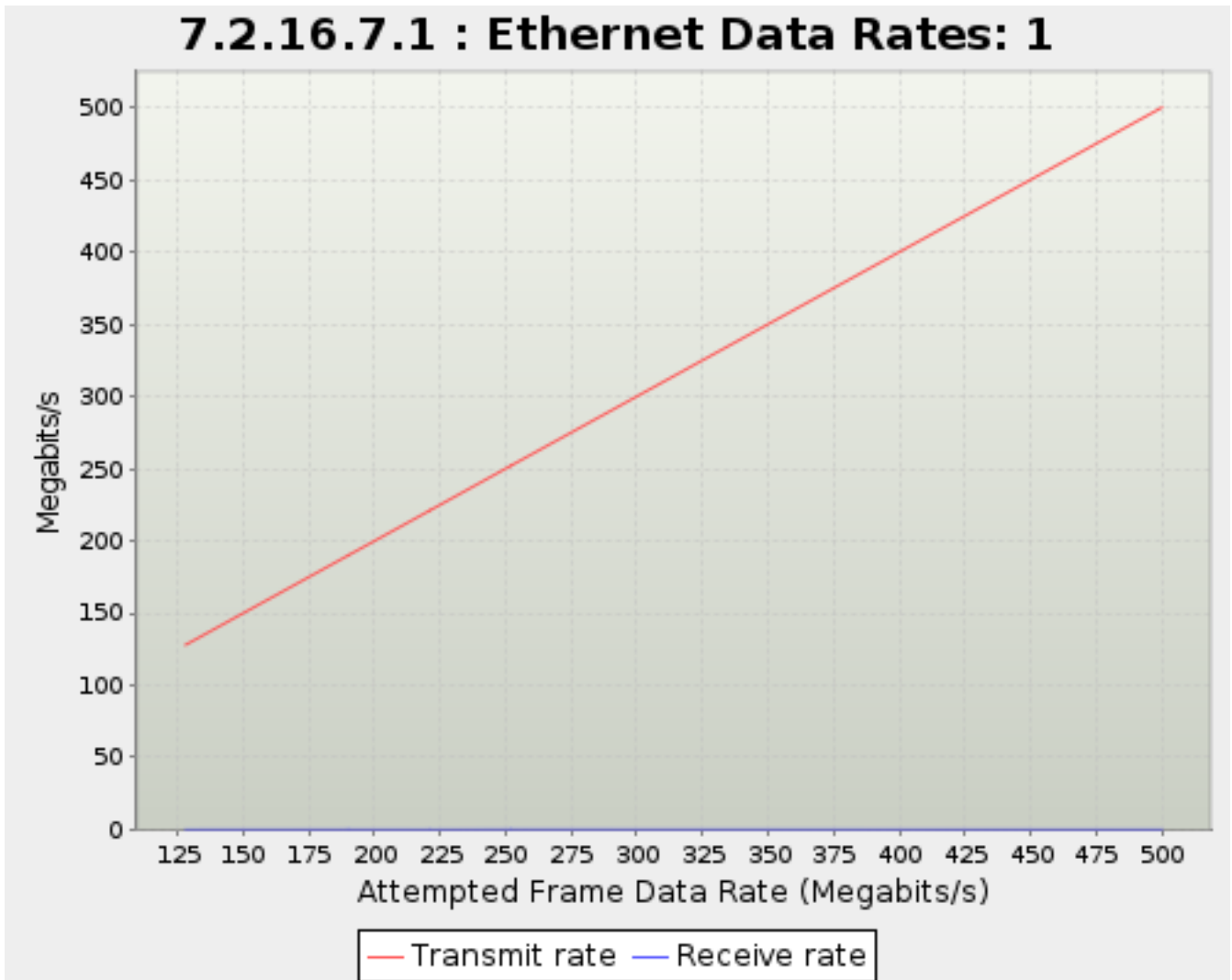
Data Rate shown includes Ethernet overhead.

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	64.199	128.1	128.5
190	64.915	190.1	190.9
221	64.270	221.1	222.2
252	64.915	252.1	253.3
500	64.280	500.1	500.6

7.2.16.7.1. Ethernet Data Rates: 1



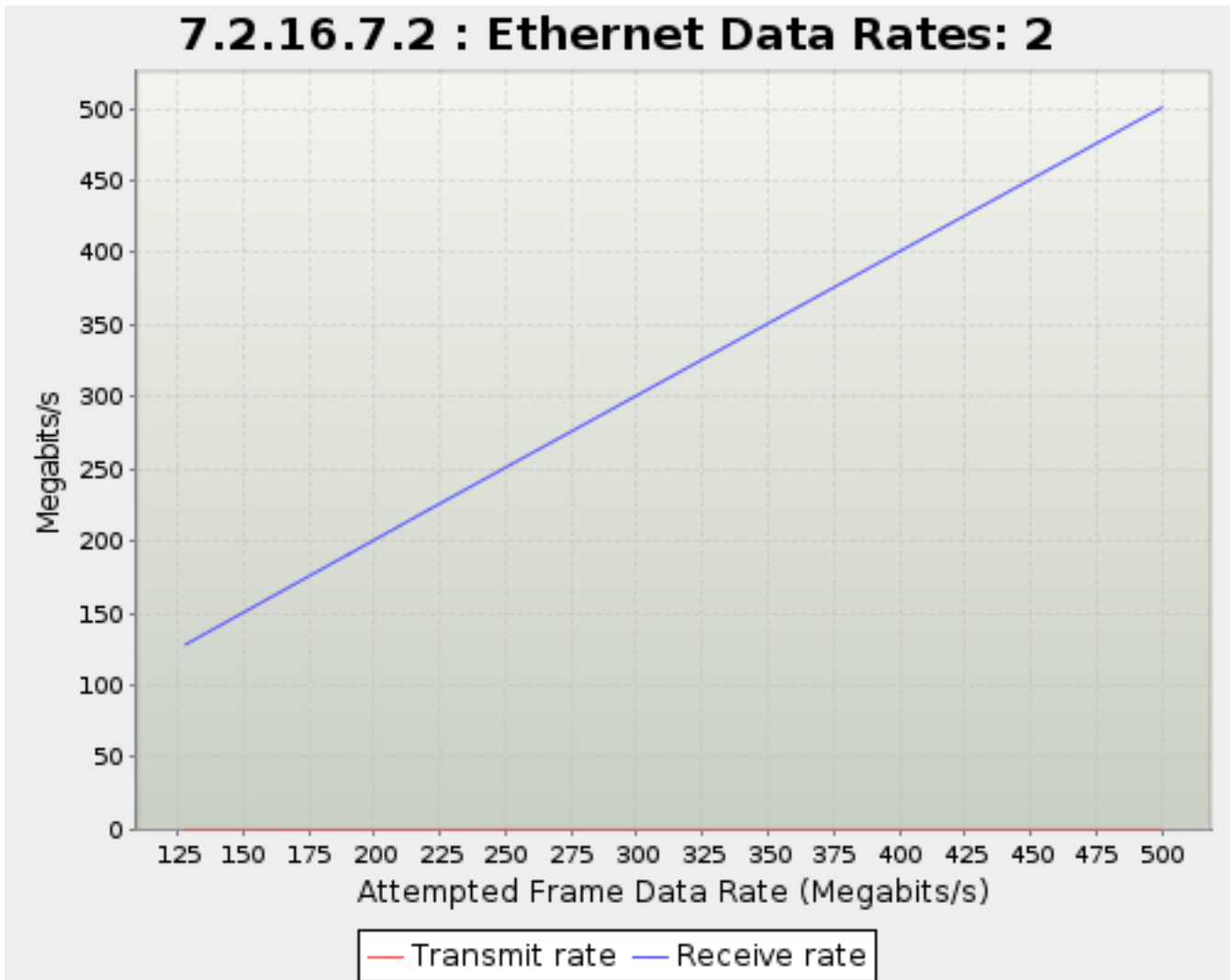
Data Rate shown includes Ethernet overhead.

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	64.199	~128	0.03099
190	64.915	~190	0.05402
221	64.270	~221	0.02627
252	64.915	252.1	0.09431
500	64.280	~500	0.04244

7.2.16.7.2. Ethernet Data Rates: 2



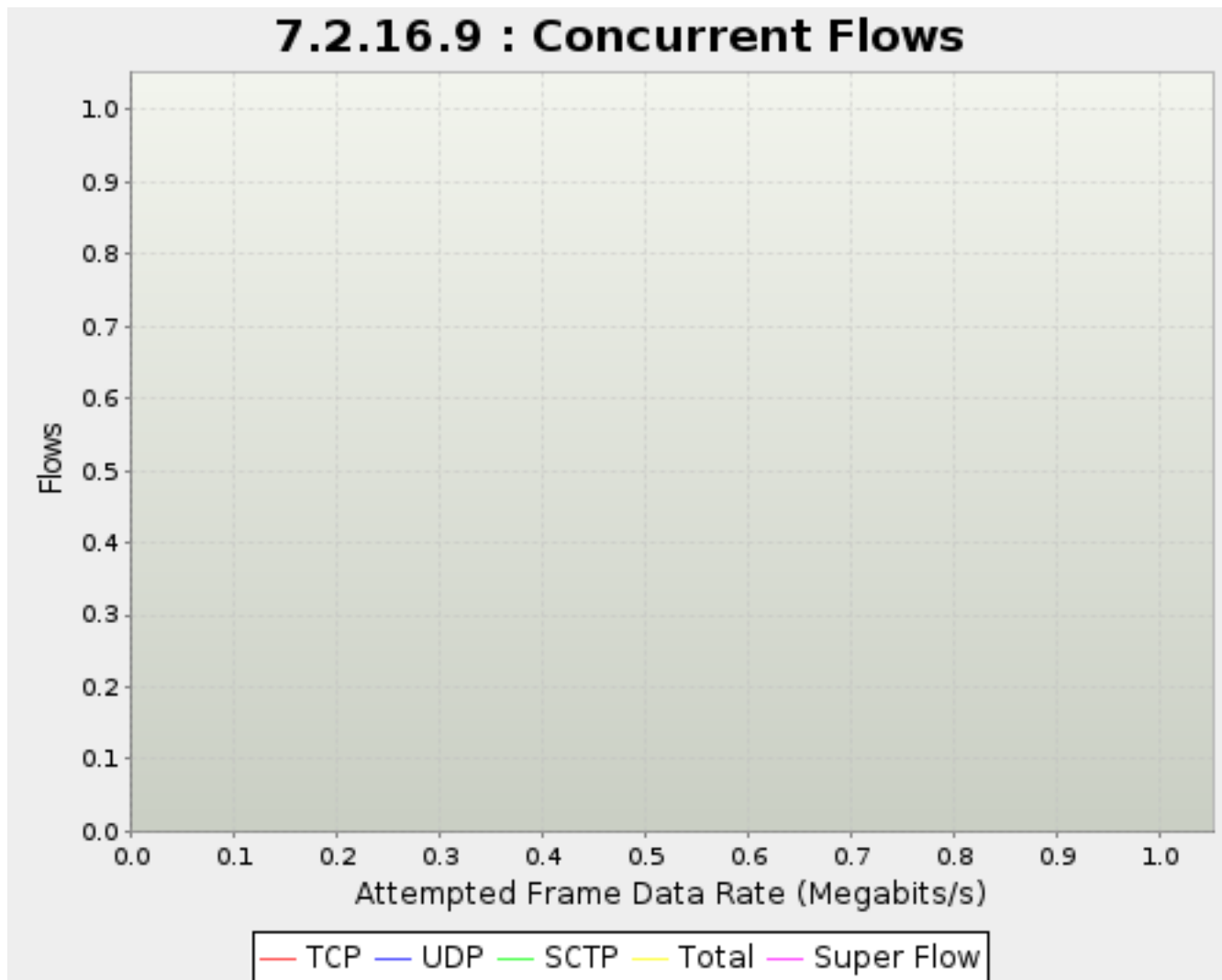
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

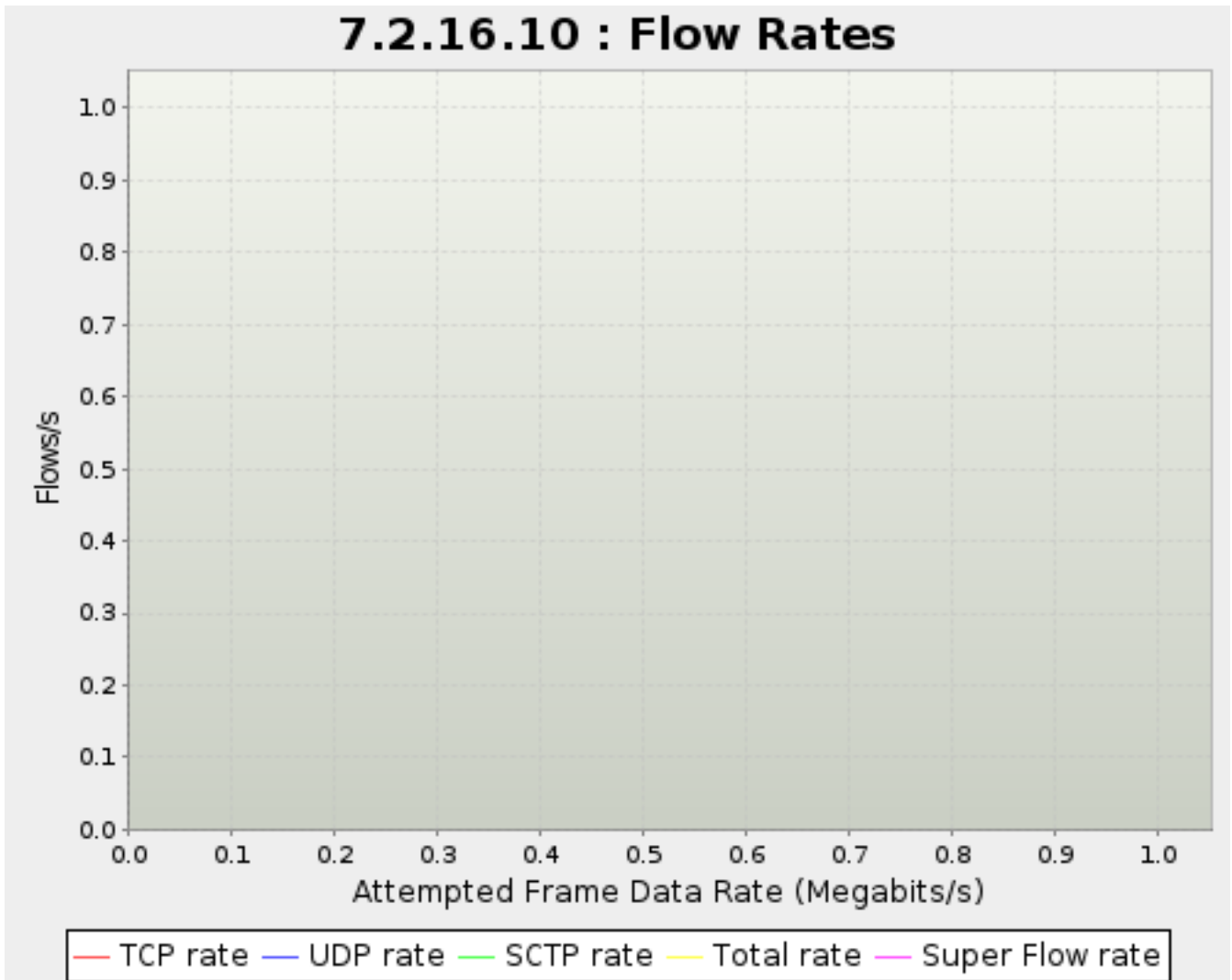
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	64.199	0.04176	128.4
190	64.915	0.02088	190.9
221	64.270	0.02088	222.2
252	64.915	0.04176	253.2
500	64.280	0.04176	500.6

7.2.16.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
128	63.534	0	0	0	0	0
190	64.893	0	0	0	0	0
221	63.569	0	0	0	0	0
252	64.894	0	0	0	0	0
500	63.578	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	63.534	0.00	0.00	0.00	0.00	0.00
190	64.893	0.00	0.00	0.00	0.00	0.00
221	63.569	0.00	0.00	0.00	0.00	0.00
252	64.894	0.00	0.00	0.00	0.00	0.00
500	63.578	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
190	0		10.201.0.0/16	10.201.0.254	up
190	0		192.168.0.0/16	192.168.0.1	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		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	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
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

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
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

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	64.196	6	6	929	912	0	17	0	0
190	64.912	6	6	997	980	0	17	0	0
221	64.260	6	6	919	903	0	16	0	0
252	64.919	6	6	1,007	990	0	17	0	0
500	64.280	6	6	778	762	0	16	0	0

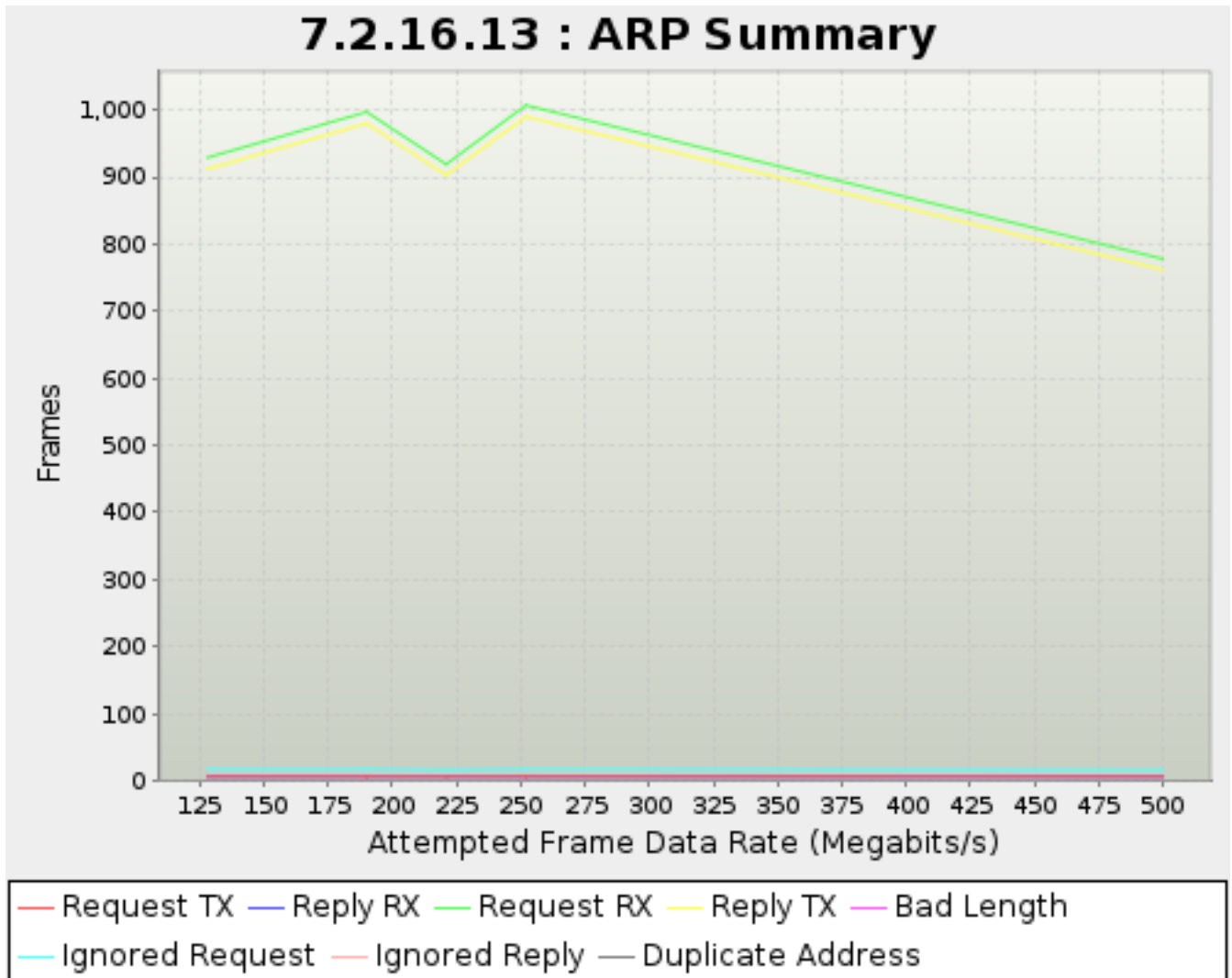
7.2.16.12.1. ARP: 1

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	64.196	3	3	851	850	0	1	0	0
190	64.912	3	3	857	856	0	1	0	0
221	64.260	3	3	842	841	0	1	0	0
252	64.919	3	3	928	928	0	0	0	0
500	64.280	3	3	638	638	0	0	0	0

7.2.16.12.2. ARP: 2

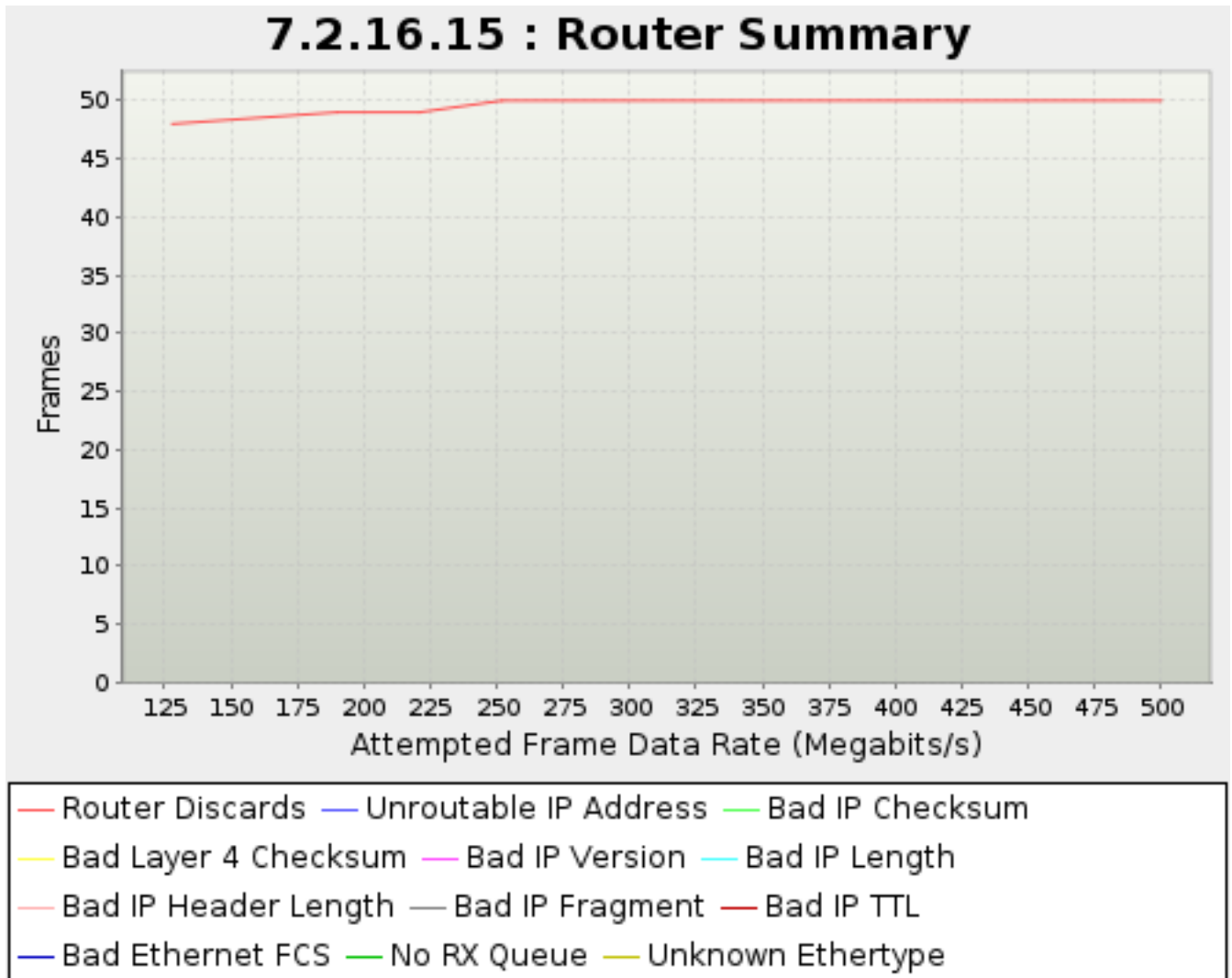
Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	64.196	3	3	78	62	0	16	0	0
190	64.912	3	3	140	124	0	16	0	0
221	64.260	3	3	77	62	0	15	0	0
252	64.919	3	3	79	62	0	17	0	0
500	64.280	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	929	912	0	17	0	0
190	6	6	997	980	0	17	0	0
221	6	6	919	903	0	16	0	0
252	6	6	1,007	990	0	17	0	0
500	6	6	778	762	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
190	49	0	0	0	0	0	0	0	0	0	0	0
221	49	0	0	0	0	0	0	0	0	0	0	0
252	50	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

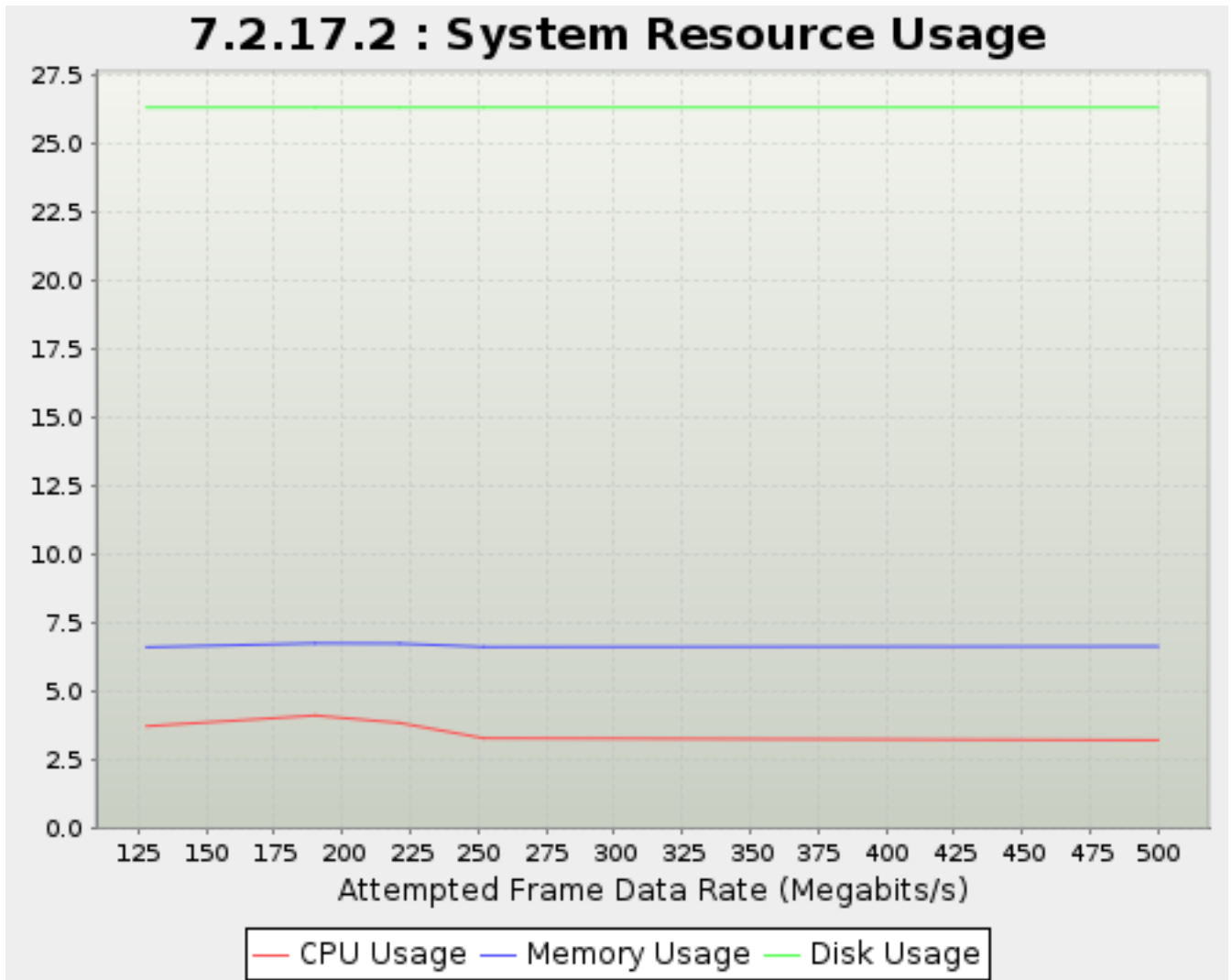
7.2.17.1. Component Description

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	64.204	3.73	6.62	26.36
190	64.921	4.12	6.76	26.36
221	64.269	3.85	6.75	26.36
252	64.961	3.29	6.63	26.36
500	64.288	3.22	6.65	26.36

8. Frame Rate: 1280

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	501 Mbps	failed
252 Mbps	252 Mbps	failed
128 Mbps	128 Mbps	Achieved
190 Mbps	190 Mbps	Achieved
221 Mbps	222 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

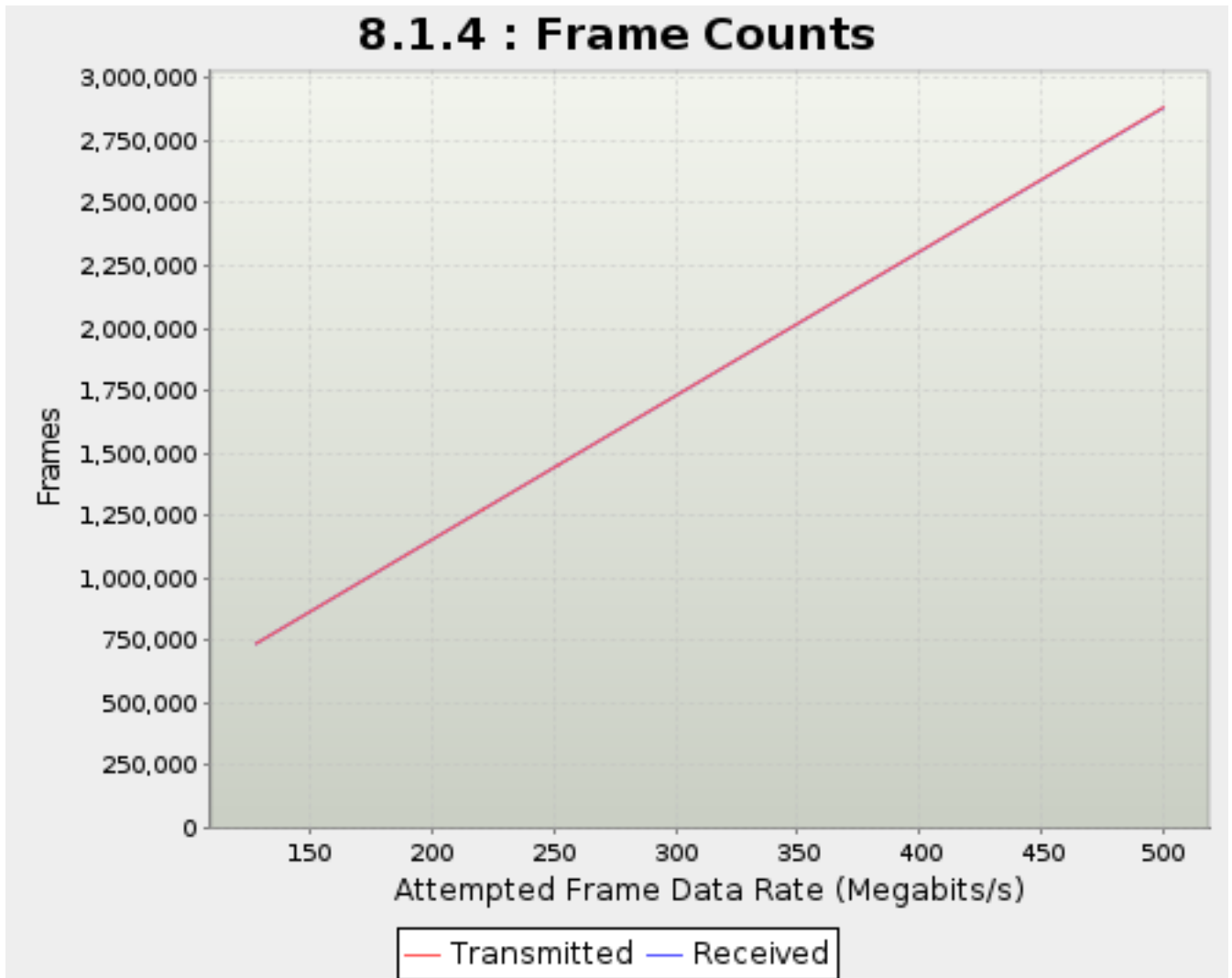
Number	Description
1	No predefined test criteria.

8.1.3. Traffic Appearance

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

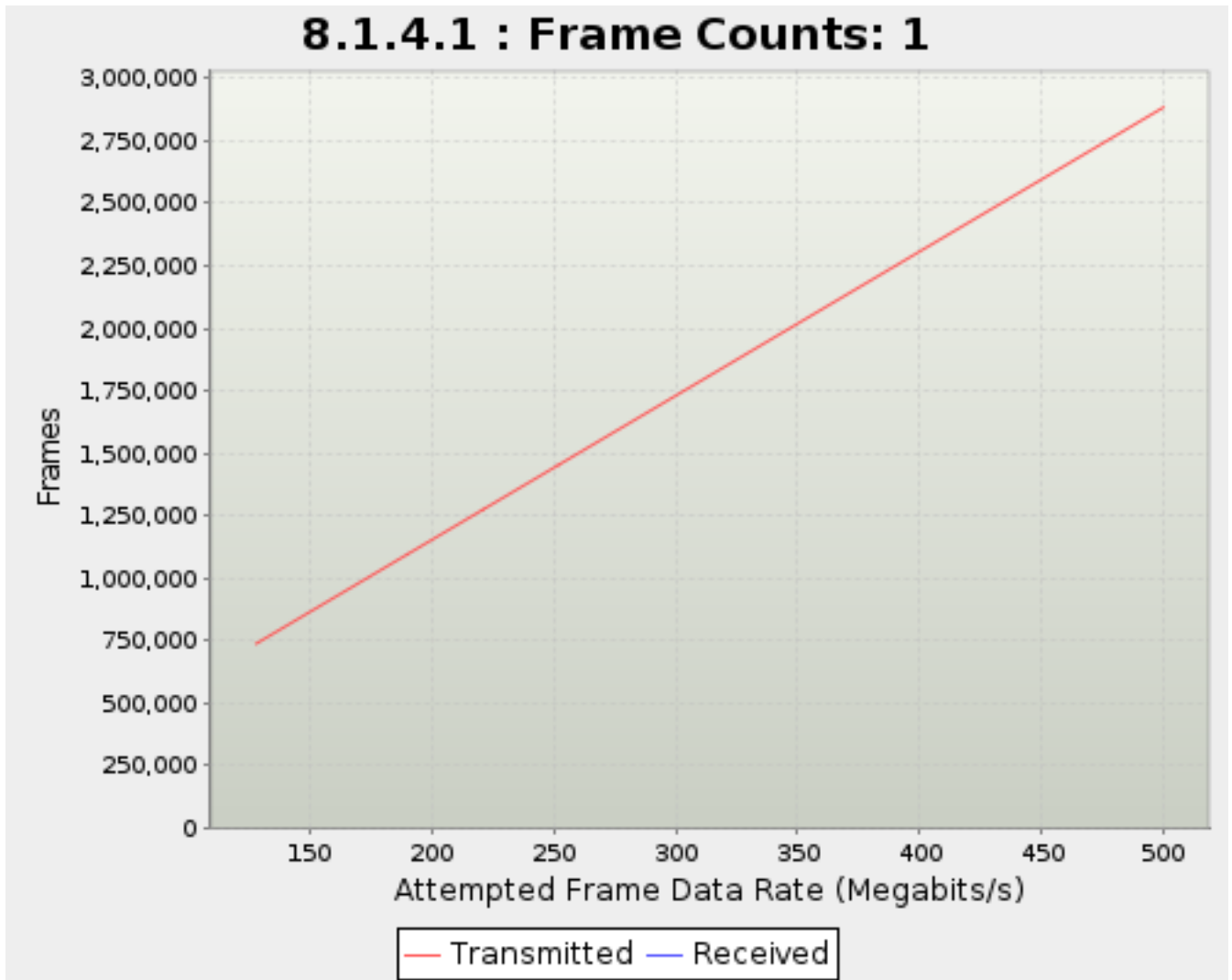
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

8.1.4. Frame Counts



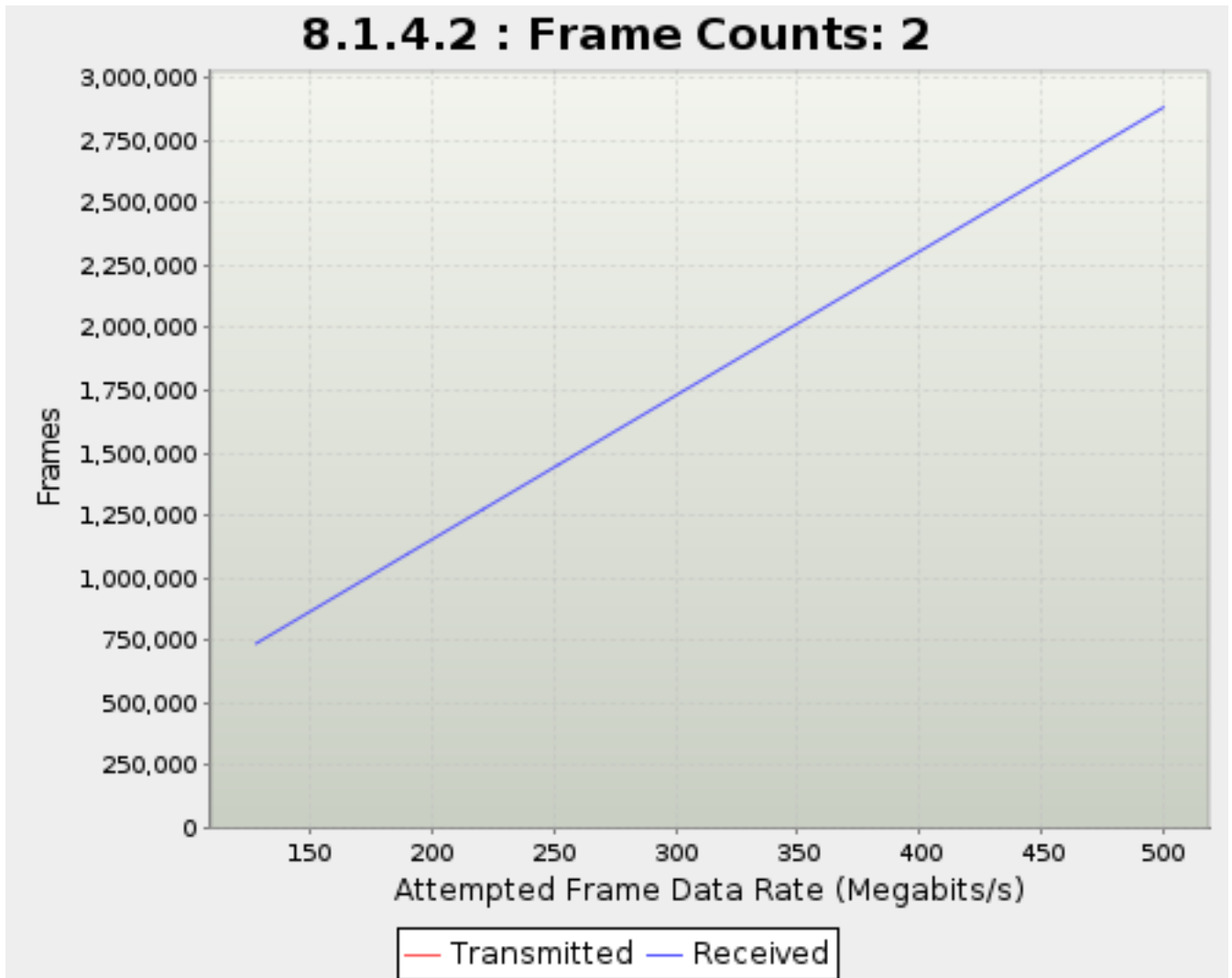
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received
128	63.726	738,420	738,420
190	63.564	1,096,140	1,096,140
221	63.433	1,275,000	1,274,979
252	63.252	1,453,800	1,453,723
500	63.837	2,884,560	2,882,768

8.1.4.1. Frame Counts: 1



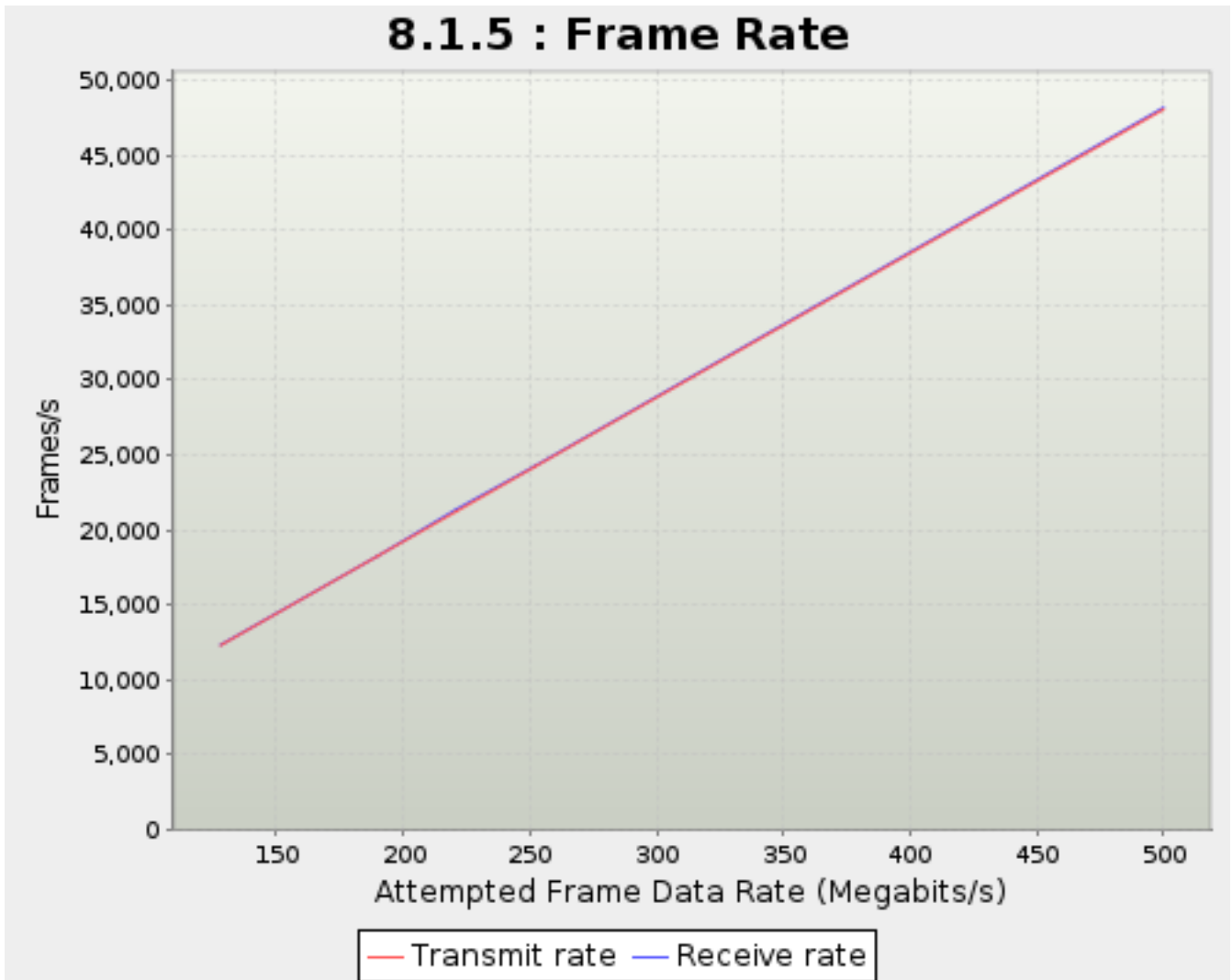
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.726	738,420	0
190	63.564	1,096,140	0
221	63.433	1,275,000	0
252	63.252	1,453,800	0
500	63.837	2,884,560	0

8.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	63.726	0	738,420
190	63.564	0	1,096,140
221	63.433	0	1,274,979
252	63.252	0	1,453,723
500	63.837	0	2,882,768

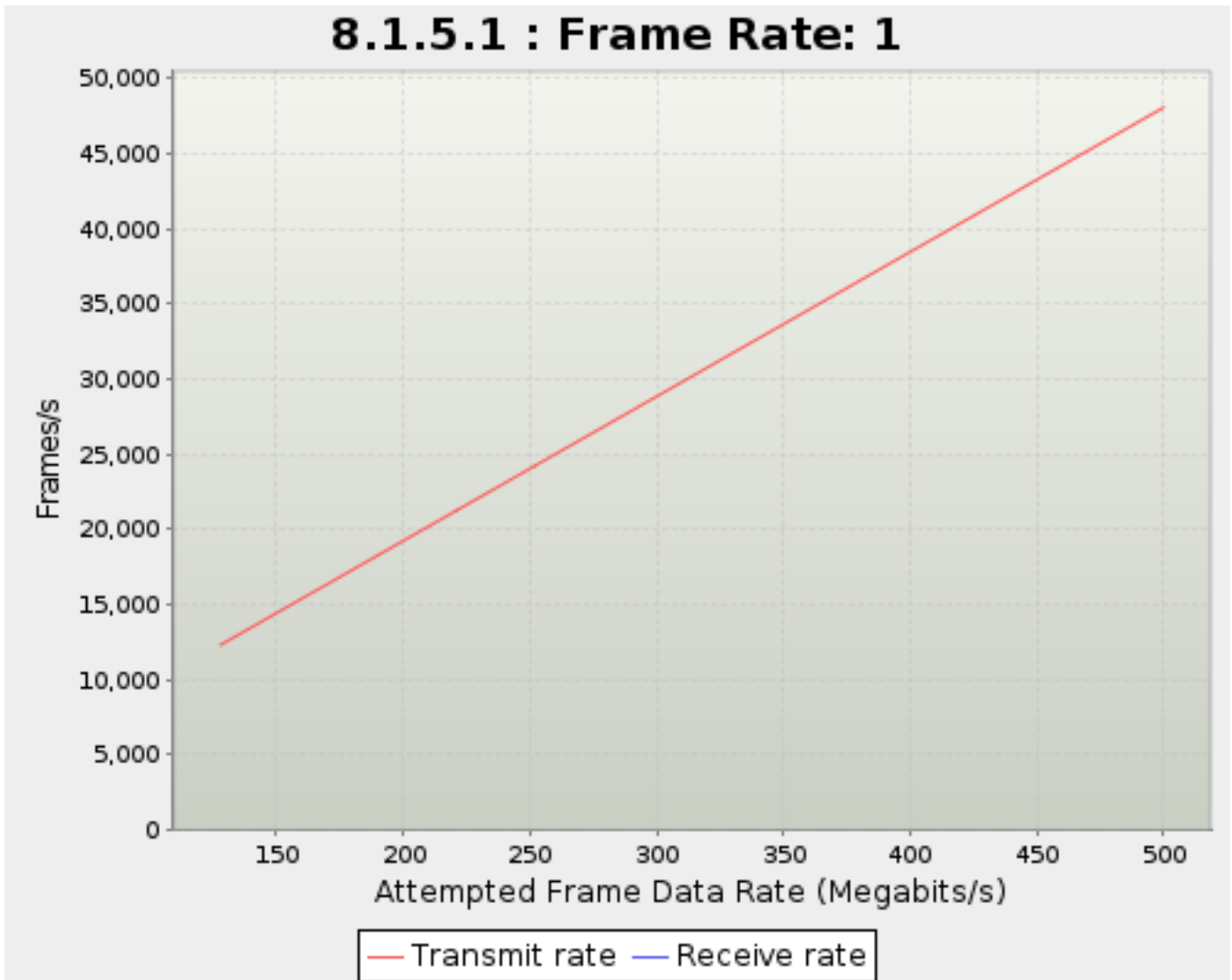
8.1.5. Frame Rate



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	63.726	~12310	~12340
190	63.564	~18270	~18280
221	63.433	~21250	~21390
252	63.252	~24230	~24280
500	63.837	~48080	~48200

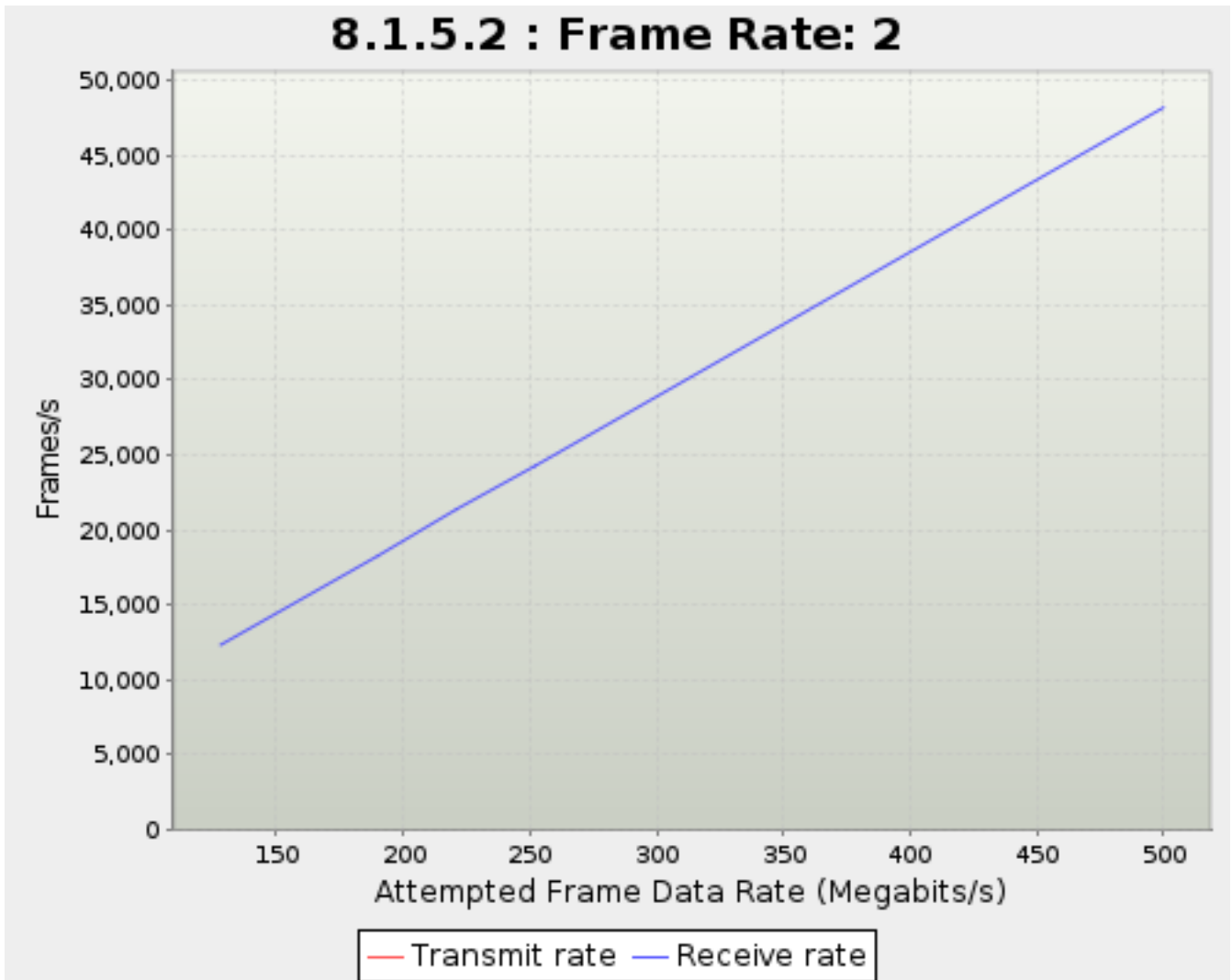
8.1.5.1. Frame Rate: 1



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	63.726	~12310	0.00
190	63.564	~18270	0.00
221	63.433	~21250	0.00
252	63.252	~24230	0.00
500	63.837	~48080	0.00

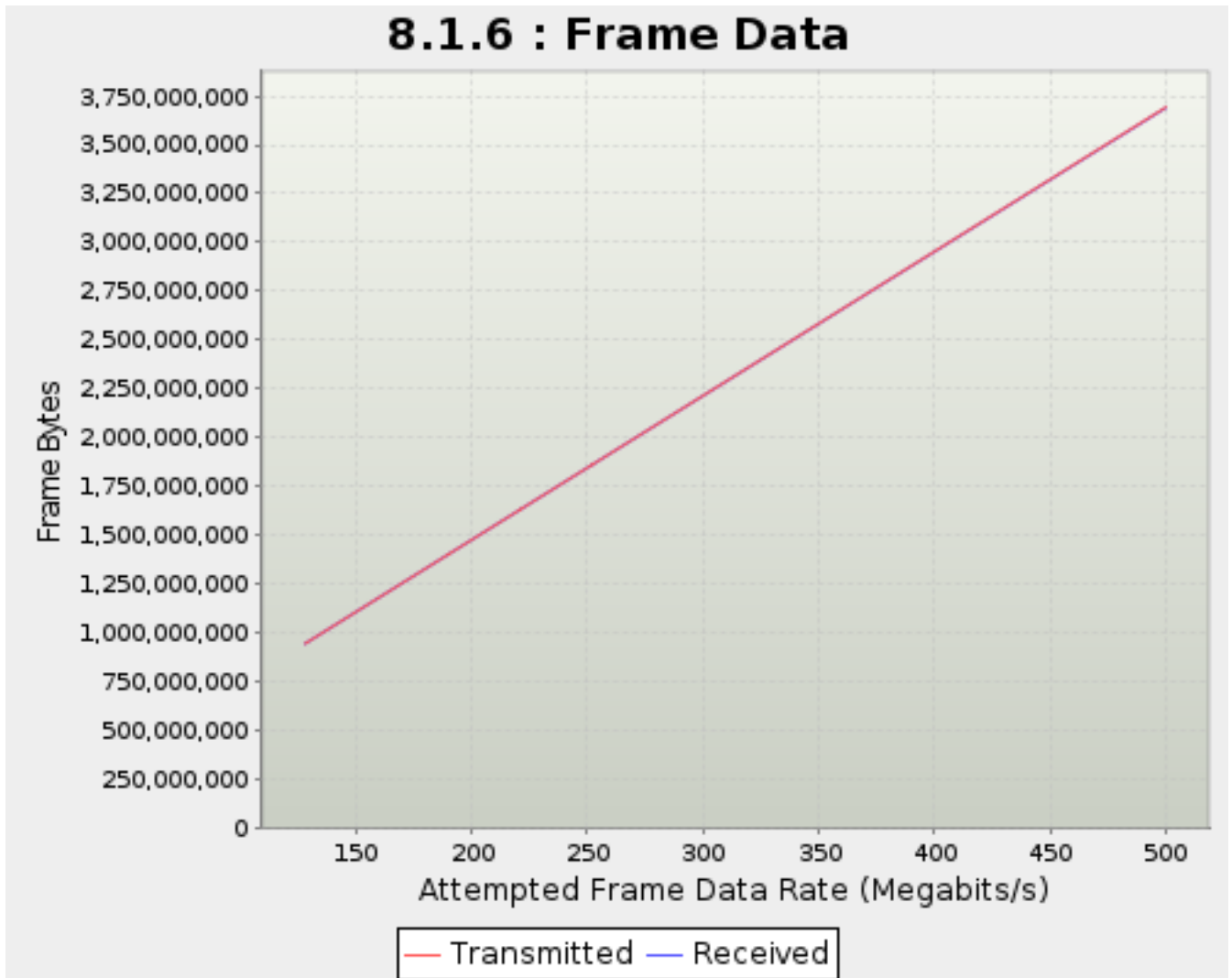
8.1.5.2. Frame Rate: 2



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

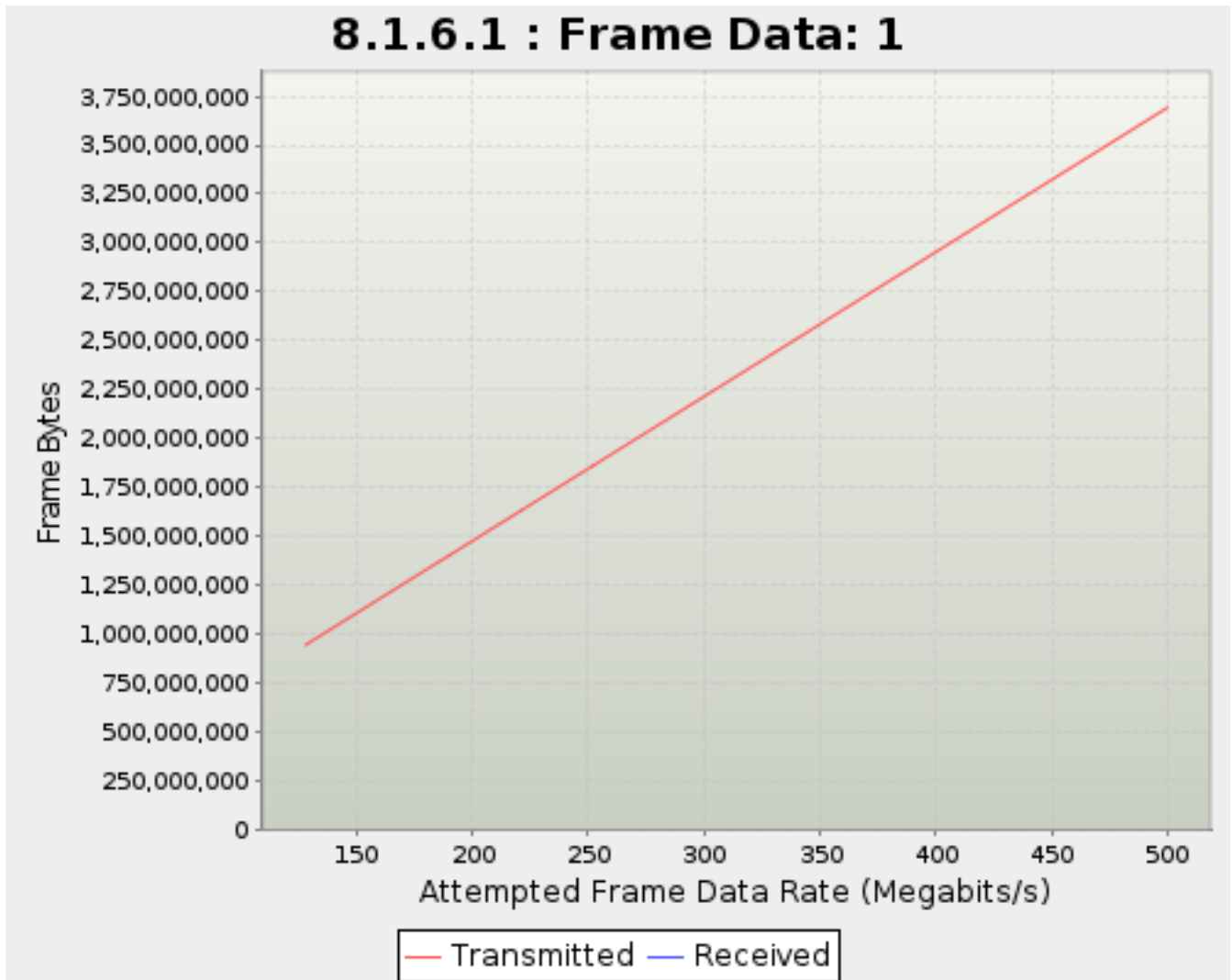
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	63.726	0.00	~12340
190	63.564	0.00	~18280
221	63.433	0.00	~21390
252	63.252	0.00	~24280
500	63.837	0.00	~48200

8.1.6. Frame Data



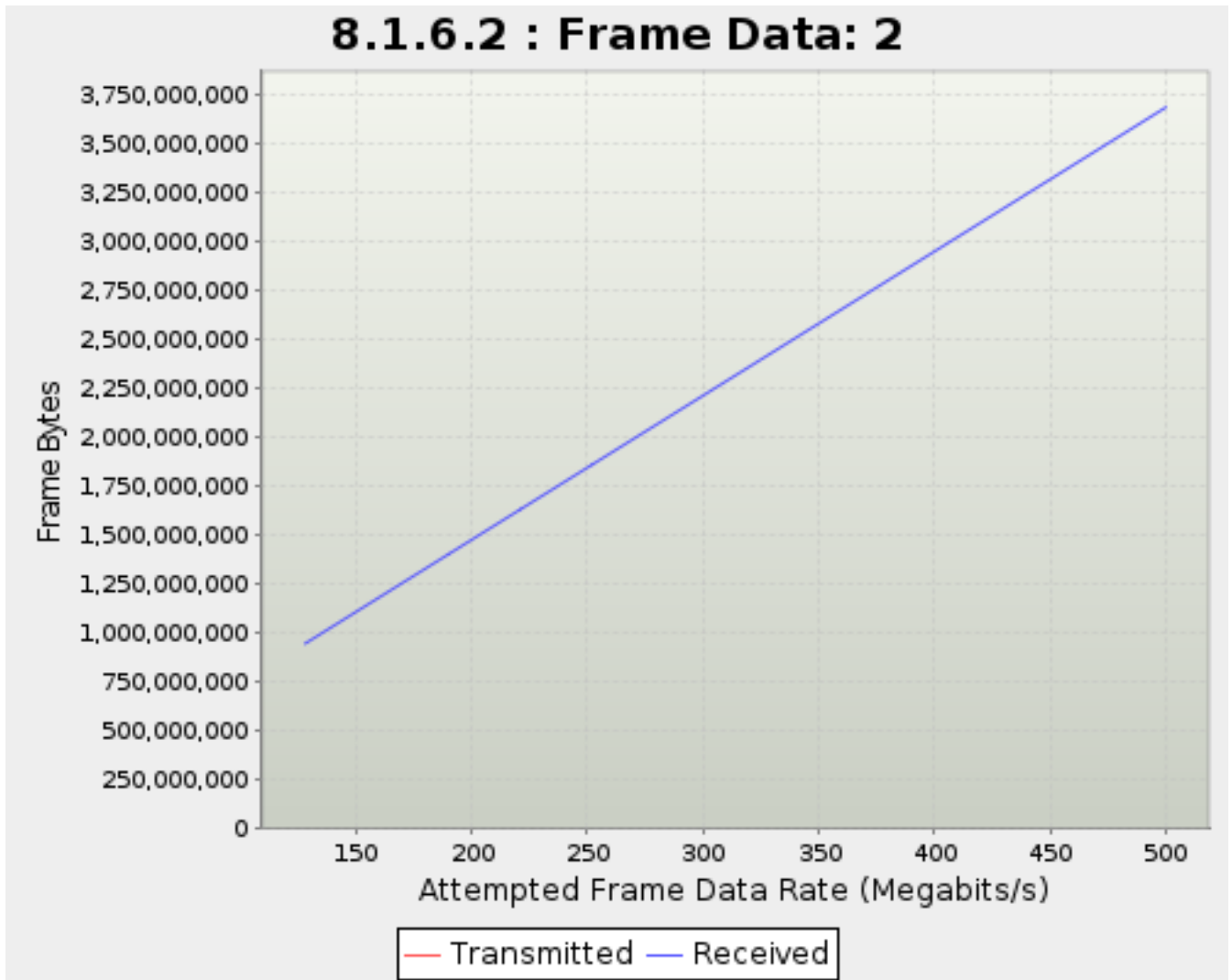
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted <i>Frame bytes</i>	Received <i>Frame bytes</i>
128	63.726	945,177,600	945,177,600
190	63.564	1,403,059,200	1,403,059,200
221	63.433	1,632,000,000	1,631,973,120
252	63.252	1,860,864,000	1,860,765,440
500	63.837	3,692,236,800	3,689,943,040

8.1.6.1. Frame Data: 1



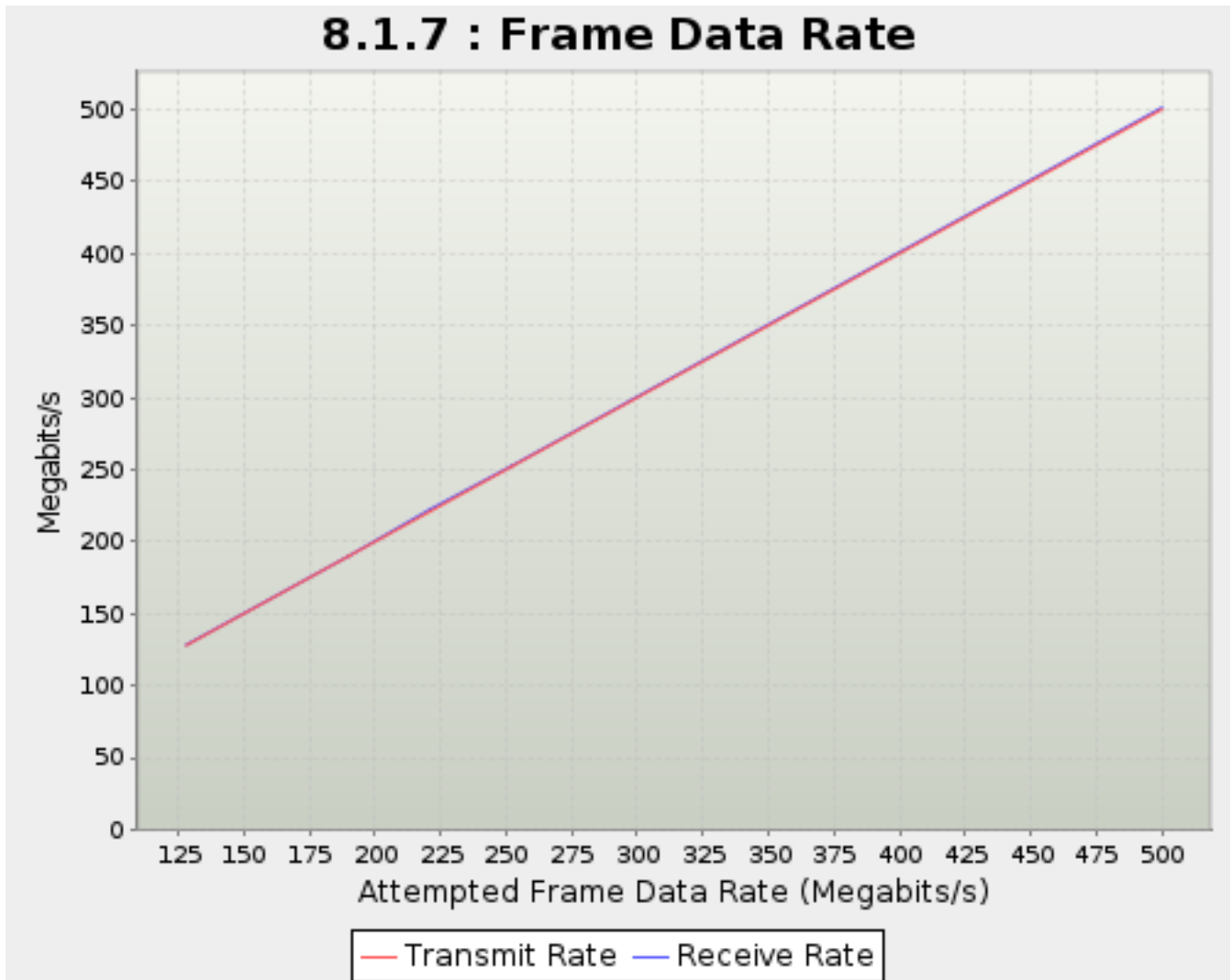
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted <i>Frame bytes</i>	Received <i>Frame bytes</i>
128	63.726	945,177,600	0
190	63.564	1,403,059,200	0
221	63.433	1,632,000,000	0
252	63.252	1,860,864,000	0
500	63.837	3,692,236,800	0

8.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frame bytes</i>
128	63.726	0	945,177,600
190	63.564	0	1,403,059,200
221	63.433	0	1,631,973,120
252	63.252	0	1,860,765,440
500	63.837	0	3,689,943,040

8.1.7. Frame Data Rate



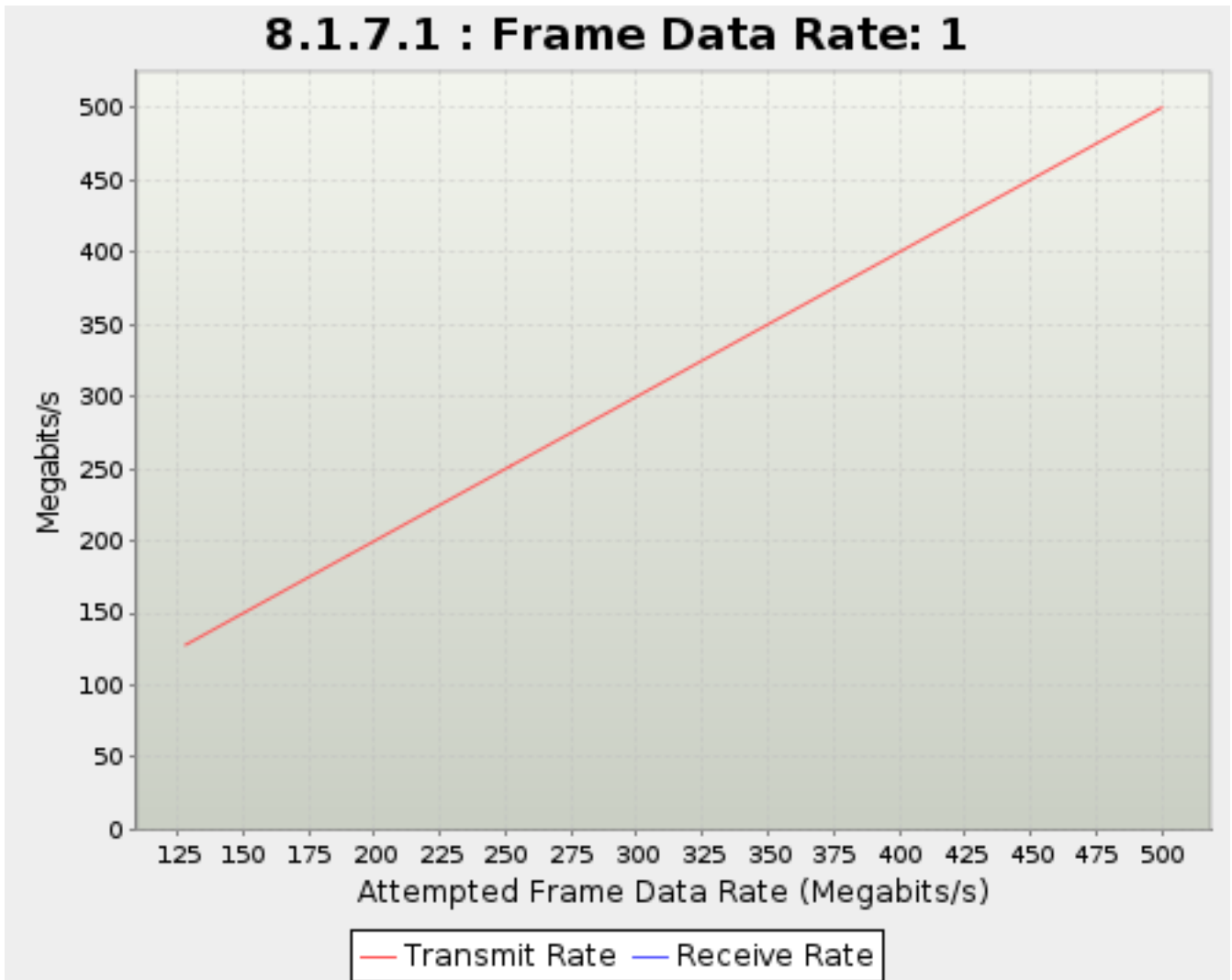
Data Rate shown includes Ethernet overhead.

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	63.726	~128	128.4
190	63.564	~190	190.1
221	63.433	~221	222.5
252	63.252	~252	252.5
500	63.837	~500	501.3

8.1.7.1. Frame Data Rate: 1



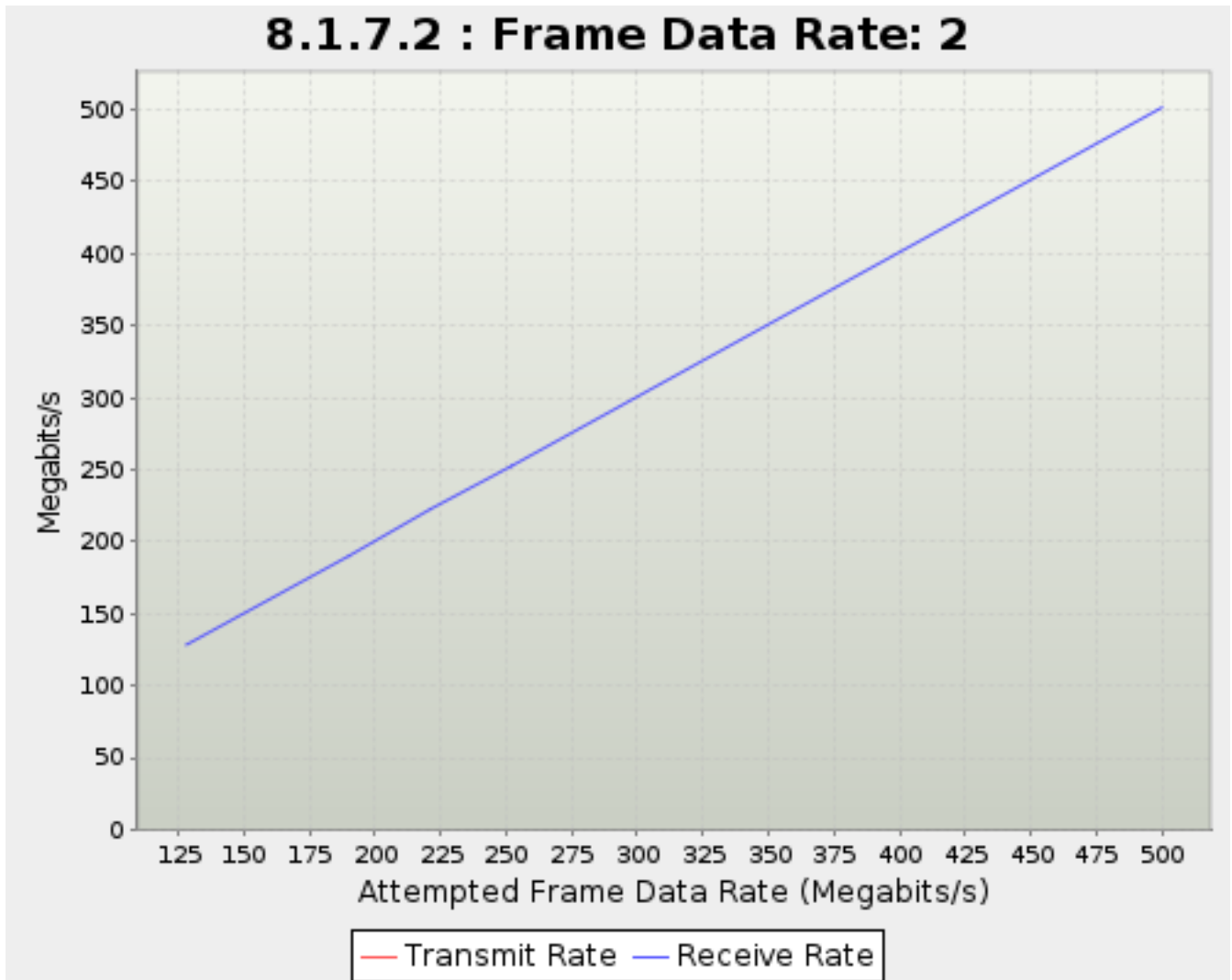
Data Rate shown includes Ethernet overhead.

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	63.726	~128	0
190	63.564	~190	0
221	63.433	~221	0
252	63.252	~252	0
500	63.837	~500	0

8.1.7.2. Frame Data Rate: 2



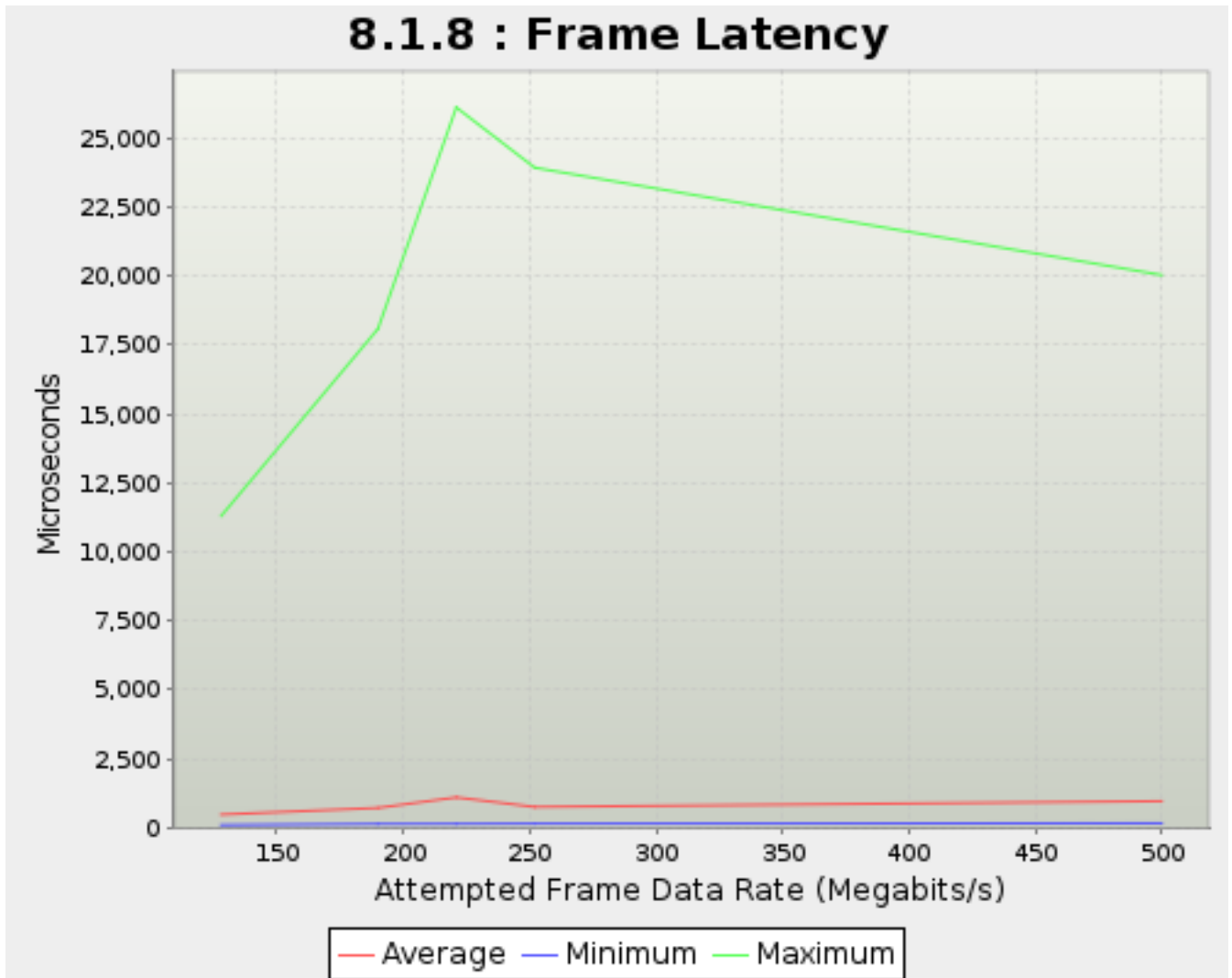
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

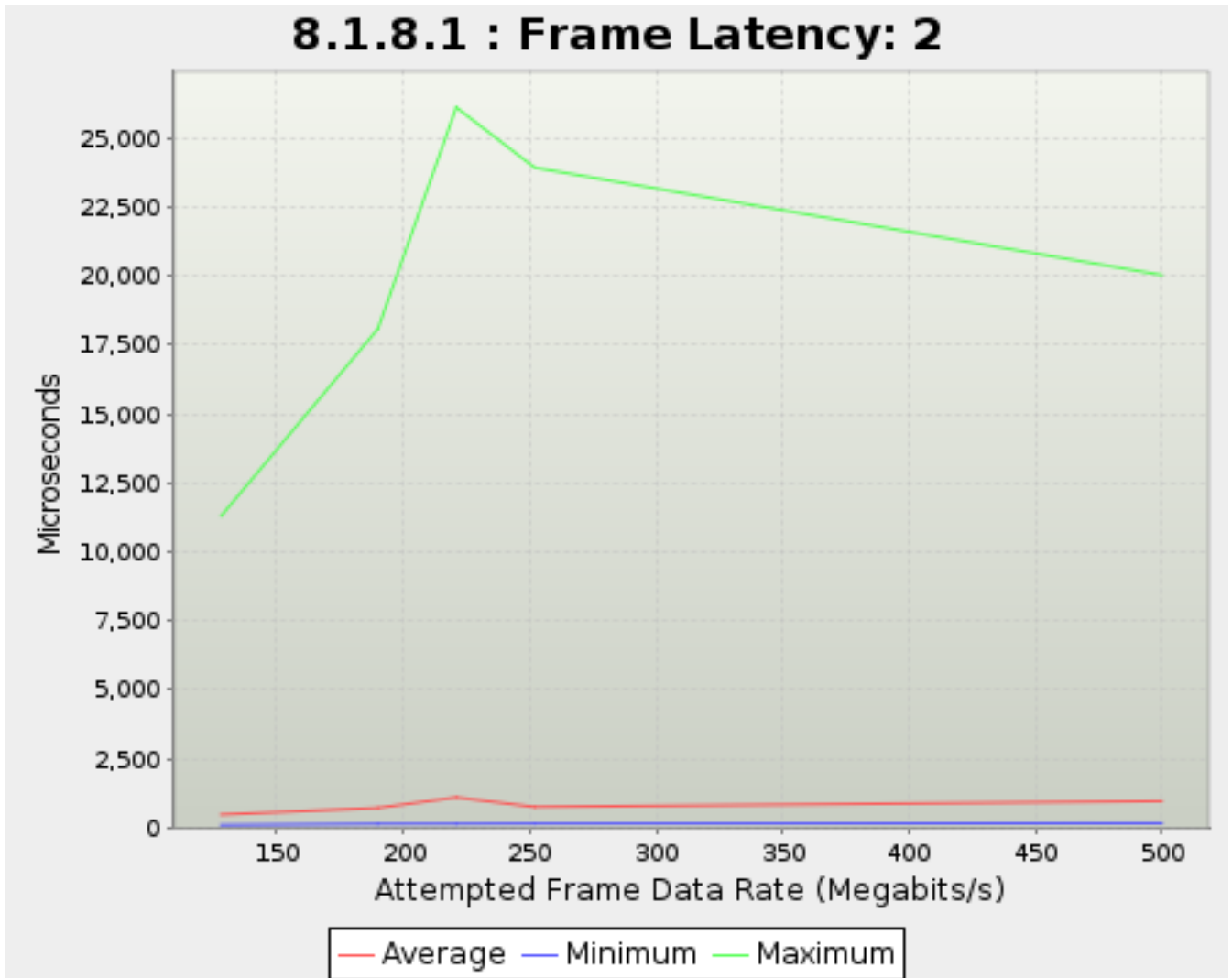
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	63.726	0	128.4
190	63.564	0	190.1
221	63.433	0	222.5
252	63.252	0	252.5
500	63.837	0	501.3

8.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
128	63.726	487.690	107.080	11,310.320
190	63.564	729.312	148.510	18,091.221
221	63.433	1,110.740	152.500	26,117.561
252	63.252	764.605	160.260	23,932.721
500	63.837	974.040	174.610	20,042.500

8.1.8.1. Frame Latency: 2

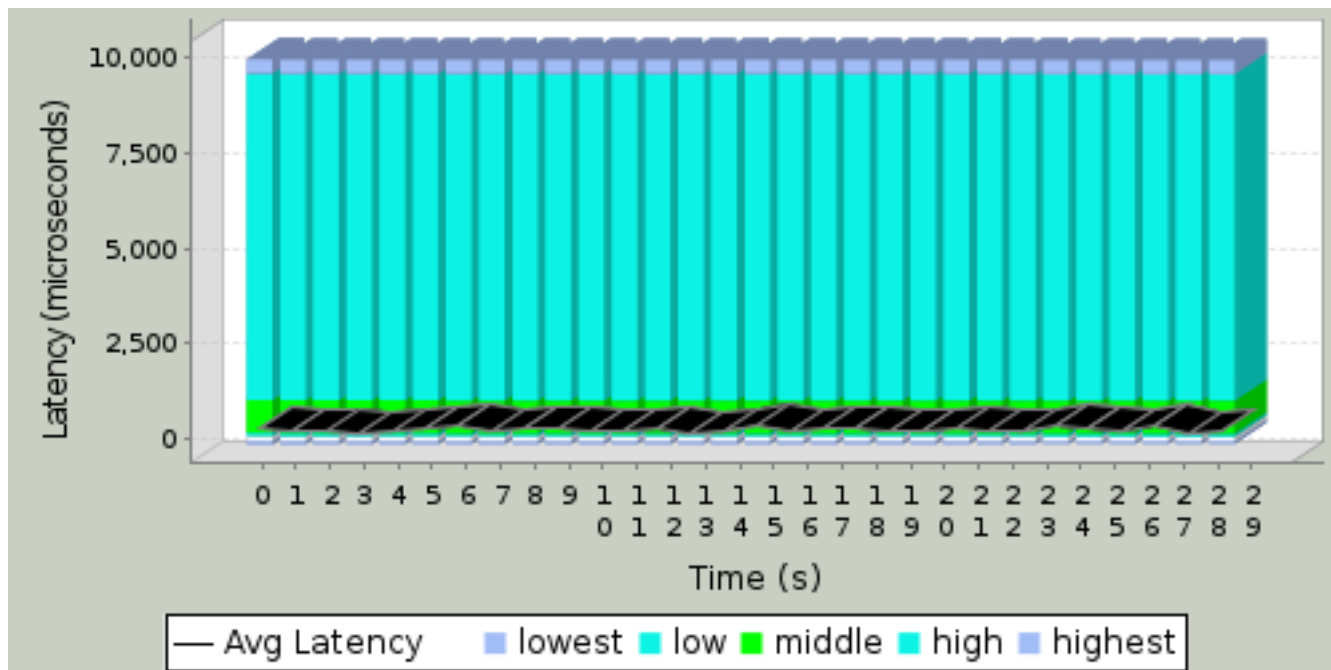


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
128	63.726	487.690	107.080	11,310.320
190	63.564	729.312	148.510	18,091.221
221	63.433	1,110.740	152.500	26,117.561
252	63.252	764.605	160.260	23,932.721
500	63.837	974.040	174.610	20,042.500

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	0.867	322.784	123.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	10,207 96.265%	389 3.669%	7 0.066%
128	1.854	252.665	118.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	21,996 96.656%	754 3.313%	7 0.031%
128	2.852	291.569	117.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	33,840 96.589%	1,188 3.391%	7 0.020%

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	3.859	208.792	117.320 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	46,100 97.196%	1,323 2.789%	7 0.015%
128	4.857	267.453	116.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	58,022 97.165%	1,686 2.823%	7 0.012%
128	5.855	317.452	116.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	69,711 96.829%	2,276 3.161%	7 0.010%
128	6.852	385.919	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	81,296 96.469%	2,962 3.515%	14 0.017%
128	7.860	281.250	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	93,314 96.524%	3,346 3.461%	14 0.014%
128	8.858	309.342	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	105,051 96.420%	3,887 3.568%	14 0.013%
128	9.865	316.442	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	116,870 96.304%	4,471 3.684%	14 0.012%
128	10.853	277.919	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	128,580 96.308%	4,915 3.681%	14 0.010%
128	11.860	270.415	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	140,580 96.346%	5,317 3.644%	14 0.010%
128	12.858	297.564	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	152,345 96.306%	5,830 3.685%	14 0.009%
128	13.856	191.691	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	164,570 96.540%	5,884 3.452%	14 0.008%

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	14.853	281.084	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	176,491 96.577%	6,241 3.415%	14 0.008%	
128	15.861	440.494	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	187,858 96.264%	7,276 3.728%	14 0.007%	
128	16.858	251.607	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	199,810 96.328%	7,602 3.665%	14 0.007%	
128	17.856	342.181	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	211,472 96.253%	8,218 3.740%	14 0.006%	
128	18.854	304.837	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	223,190 96.210%	8,778 3.784%	14 0.006%	
128	19.861	253.407	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	235,280 96.275%	9,090 3.720%	14 0.006%	
128	20.859	233.234	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	247,299 96.352%	9,350 3.643%	14 0.005%	
128	21.857	325.458	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	259,009 96.307%	9,918 3.688%	14 0.005%	
128	22.854	287.270	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	270,846 96.311%	10,359 3.684%	14 0.005%	
128	23.852	277.379	112.960 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	282,765 96.343%	10,719 3.652%	14 0.005%	
128	24.859	379.423	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	294,387 96.236%	11,499 3.759%	14 0.005%	

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	25.857	300.299	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	306,194 96.234%	11,970 3.762%	14 0.004%	
128	26.855	235.523	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	318,255 96.308%	12,187 3.688%	14 0.004%	
128	27.852	378.764	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	329,702 96.197%	13,019 3.799%	14 0.004%	
128	28.860	205.737	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	341,969 96.302%	13,118 3.694%	14 0.004%	
128	29.858	256.616	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	353,948 96.335%	13,453 3.662%	14 0.004%	
128	30.855	472.849	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	365,119 96.162%	14,560 3.835%	14 0.004%	
128	31.853	224.703	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	377,139 96.216%	14,818 3.780%	14 0.004%	
128	32.860	260.741	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	389,191 96.246%	15,168 3.751%	14 0.003%	
128	33.858	318.121	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	400,863 96.211%	15,774 3.786%	14 0.003%	
128	34.866	336.034	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	412,682 96.184%	16,357 3.812%	14 0.003%	
128	35.853	287.640	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	424,539 96.222%	16,655 3.775%	14 0.003%	

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	36.861	358.489	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	436,206 96.165%	17,382 3.832%	14 0.003%
128	37.859	492.334	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	447,333 96.017%	18,541 3.980%	14 0.003%
128	38.856	288.433	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	459,224 96.039%	18,928 3.958%	14 0.003%
128	39.854	228.955	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	471,289 96.094%	19,141 3.903%	14 0.003%
128	40.861	401.474	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	482,803 96.014%	20,030 3.983%	14 0.003%
128	41.859	327.736	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	494,498 95.996%	20,613 4.002%	14 0.003%
128	42.857	268.525	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	506,442 96.026%	20,947 3.972%	14 0.003%
128	43.854	430.764	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	517,727 95.932%	21,941 4.066%	14 0.003%
128	44.862	276.181	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	529,711 95.948%	22,358 4.050%	14 0.003%
128	45.860	246.259	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	541,734 95.991%	22,613 4.007%	14 0.002%
128	46.857	345.022	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	553,315 95.955%	23,311 4.043%	14 0.002%

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	47.855	274.059	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	565,237 95.979%	23,667 4.019%	14 0.002%	
128	48.862	275.147	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	577,267 96.000%	24,039 3.998%	14 0.002%	
128	49.860	304.681	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	589,068 96.002%	24,517 3.996%	14 0.002%	
128	50.858	259.570	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	601,034 96.031%	24,829 3.967%	14 0.002%	
128	51.855	318.333	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	612,734 96.016%	25,407 3.981%	14 0.002%	
128	52.853	337.991	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	624,496 96.012%	25,897 3.982%	40 0.006%	
128	53.860	311.355	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	636,486 96.025%	26,309 3.969%	40 0.006%	
128	54.858	277.422	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	648,363 96.038%	26,710 3.956%	40 0.006%	
128	55.856	360.221	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	659,965 96.010%	27,387 3.984%	40 0.006%	
128	56.853	312.664	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	671,705 96.003%	27,925 3.991%	40 0.006%	
128	57.861	295.296	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	683,633 96.006%	28,399 3.988%	40 0.006%	

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	58.859	252.648	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	695,587 96.029%	28,724 3.965%	40 0.006%	
128	59.866	259.129	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	707,669 96.052%	29,044 3.942%	40 0.005%	
128	63.726	234.575	107.080 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	709,301 96.057%	29,079 3.938%	40 0.005%	
190	0.786	808.593	176.820 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	13,073 91.831%	926 6.505%	237 1.665%	
190	1.774	592.204	165.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	29,415 91.127%	2,627 8.138%	237 0.734%	
190	2.771	340.909	165.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	47,392 93.838%	2,875 5.693%	237 0.469%	
190	3.769	419.919	165.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	64,817 94.308%	3,675 5.347%	237 0.345%	
190	4.776	466.477	165.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	82,246 94.387%	4,654 5.341%	237 0.272%	
190	5.774	441.458	165.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	99,650 94.577%	5,477 5.198%	237 0.225%	
190	6.772	504.783	165.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	116,758 94.473%	6,594 5.335%	237 0.192%	
190	7.769	511.125	165.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	133,840 94.376%	7,738 5.456%	237 0.167%	

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	8.777	508.190	165.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	151,256 94.404%	8,729 5.448%	237 0.148%	
190	9.774	369.573	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	169,171 94.801%	9,040 5.066%	237 0.133%	
190	10.772	427.768	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	186,684 94.920%	9,755 4.960%	237 0.121%	
190	11.770	615.871	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	203,139 94.528%	11,510 5.356%	249 0.116%	
190	12.777	729.312	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	220,225 94.392%	12,595 5.398%	490 0.210%	
190	13.775	387.110	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	237,895 94.577%	13,150 5.228%	490 0.195%	
190	14.773	440.772	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	255,352 94.659%	13,917 5.159%	490 0.182%	
190	15.770	408.005	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	273,038 94.809%	14,459 5.021%	490 0.170%	
190	16.778	437.580	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	290,719 94.883%	15,188 4.957%	490 0.160%	
190	17.775	520.863	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	307,862 94.837%	16,242 5.003%	517 0.159%	
190	18.773	365.086	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	325,727 95.007%	16,600 4.842%	517 0.151%	

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	19.771	427.279	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	343,292 95.076%	17,263 4.781%	517 0.143%	
190	20.778	605.855	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	360,003 94.867%	18,961 4.997%	517 0.136%	
190	21.776	381.547	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	377,778 94.989%	19,413 4.881%	517 0.130%	
190	22.774	470.523	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	394,945 94.954%	20,469 4.921%	517 0.124%	
190	23.771	491.113	164.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	412,057 94.909%	21,584 4.971%	517 0.119%	
190	24.769	389.680	161.430 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	429,770 95.001%	22,096 4.884%	517 0.114%	
190	25.776	329.195	161.430 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	448,025 95.164%	22,251 4.726%	517 0.110%	
190	26.774	507.563	161.430 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	465,101 95.109%	23,399 4.785%	517 0.106%	
190	27.772	428.272	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	482,367 95.098%	24,346 4.800%	517 0.102%	
190	28.769	365.744	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	500,242 95.199%	24,709 4.702%	517 0.098%	
190	29.777	415.614	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	517,958 95.234%	25,402 4.671%	517 0.095%	

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	30.775	431.796	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	535,369 95.244%	26,218 4.664%	517 0.092%	
190	31.782	404.053	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	553,395 95.328%	26,603 4.583%	517 0.089%	
190	32.770	450.448	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	570,454 95.305%	27,585 4.609%	517 0.086%	
190	33.777	473.341	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	587,803 95.273%	28,644 4.643%	517 0.084%	
190	34.775	393.630	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	605,617 95.344%	29,056 4.574%	517 0.081%	
190	35.773	387.017	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	623,319 95.394%	29,580 4.527%	517 0.079%	
190	36.770	521.600	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	640,316 95.336%	30,808 4.587%	517 0.077%	
190	37.778	442.013	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	658,010 95.357%	31,516 4.567%	525 0.076%	
190	38.776	531.194	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	675,174 95.326%	32,556 4.597%	547 0.077%	
190	39.773	582.210	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	692,039 95.256%	33,897 4.666%	567 0.078%	
190	40.771	401.692	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	709,651 95.290%	34,509 4.634%	567 0.076%	

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	41.778	383.839	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	727,476 95.327%	35,094 4.599%	567 0.074%	
190	42.776	498.604	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	744,485 95.281%	36,309 4.647%	567 0.073%	
190	43.784	399.581	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	762,273 95.312%	36,929 4.617%	567 0.071%	
190	44.771	395.505	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	779,796 95.351%	37,449 4.579%	567 0.069%	
190	45.779	572.326	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	796,720 95.276%	38,935 4.656%	567 0.068%	
190	46.777	394.520	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	814,422 95.316%	39,459 4.618%	567 0.066%	
190	47.774	466.741	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	831,652 95.299%	40,455 4.636%	567 0.065%	
190	48.772	521.794	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	848,686 95.262%	41,645 4.674%	567 0.064%	
190	49.769	465.052	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	865,937 95.250%	42,620 4.688%	567 0.062%	
190	50.777	501.523	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	883,376 95.239%	43,576 4.698%	580 0.063%	
190	51.775	~529	157.400 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	900,320 95.195%	44,859 4.743%	580 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>					
190	52.772	457.733	148.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	917,656 95.194%	45,749 4.746%	580 0.060%	
190	53.770	498.441	148.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	934,699 95.163%	46,932 4.778%	580 0.059%	
190	54.777	455.245	148.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	952,273 95.168%	47,767 4.774%	580 0.058%	
190	55.775	410.440	148.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	969,905 95.197%	48,360 4.747%	580 0.057%	
190	56.773	373.285	148.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	987,661 95.236%	48,828 4.708%	580 0.056%	
190	57.770	481.295	148.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,005,039 95.238%	49,676 4.707%	580 0.055%	
190	58.778	547.397	148.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,021,913 95.176%	51,212 4.770%	580 0.054%	
190	59.776	378.165	148.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,039,702 95.217%	51,650 4.730%	580 0.053%	
190	63.564	354.969	148.510 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,043,843 95.229%	51,717 4.718%	580 0.053%	
221	0.726	773.091	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	13,287 86.651%	2,047 13.349%	0	
221	1.703	375.207	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	33,609 93.077%	2,500 6.923%	0	

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	2.701	349.154	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	54,491 95.086%	2,816 4.914%	0	
221	3.698	706.064	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	73,062 93.063%	5,446 6.937%	0	
221	4.696	457.176	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	93,217 93.492%	6,489 6.508%	0	
221	5.703	346.683	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	114,401 94.454%	6,717 5.546%	0	
221	6.701	541.434	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	134,241 94.324%	8,078 5.676%	0	
221	7.699	660.912	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	153,527 93.890%	9,991 6.110%	0	
221	8.696	469.383	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	173,696 94.034%	11,021 5.966%	0	
221	9.694	398.976	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	194,270 94.344%	11,646 5.656%	0	
221	10.702	436.570	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	214,792 94.486%	12,536 5.514%	0	
221	11.699	389.401	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	235,415 94.724%	13,112 5.276%	0	
221	12.697	495.970	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	255,118 94.584%	14,608 5.416%	0	

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	13.694	591.224	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	274,306 94.287%	16,620 5.713%	0	
221	14.702	421.662	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	294,793 94.382%	17,547 5.618%	0	
221	15.700	414.192	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	315,427 94.570%	18,111 5.430%	0	
221	16.697	618.013	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	334,724 94.358%	20,014 5.642%	0	
221	17.695	377.035	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	355,492 94.562%	20,444 5.438%	0	
221	18.703	456.112	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	375,934 94.611%	21,412 5.389%	0	
221	19.700	598.696	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	395,258 94.436%	23,288 5.564%	0	
221	20.698	412.738	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	415,778 94.549%	23,970 5.451%	0	
221	21.695	420.972	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	436,246 94.641%	24,700 5.359%	0	
221	22.703	642.400	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	455,520 94.437%	26,834 5.563%	0	
221	23.701	483.669	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	475,589 94.446%	27,970 5.554%	0	

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	24.698	425.442	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	496,081 94.535%	28,676 5.465%	0	
221	25.696	461.870	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	516,357 94.579%	29,598 5.421%	0	
221	26.704	410.975	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	536,893 94.628%	30,477 5.372%	0	
221	27.701	442.191	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	557,142 94.660%	31,428 5.340%	0	
221	28.699	545.531	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	576,850 94.602%	32,917 5.398%	0	
221	29.696	417.774	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	597,263 94.659%	33,702 5.341%	0	
221	30.694	454.812	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	617,656 94.709%	34,509 5.291%	0	
221	31.702	1,116.297	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	636,611 94.515%	36,204 5.375%	737 0.109%	
221	32.709	632.967	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	655,968 94.388%	38,268 5.506%	737 0.106%	
221	33.697	384.499	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	676,536 94.494%	38,682 5.403%	737 0.103%	
221	34.694	477.972	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	696,798 94.525%	39,619 5.375%	737 0.100%	

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	35.702	486.795	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	716,826 94.497%	41,006 5.406%	737 0.097%	
221	36.700	386.382	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	737,518 94.582%	41,512 5.324%	737 0.095%	
221	37.697	471.054	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	757,518 94.575%	42,712 5.333%	737 0.092%	
221	38.695	534.526	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	776,949 94.500%	44,481 5.410%	737 0.090%	
221	39.703	563.384	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	796,705 94.443%	46,137 5.469%	737 0.087%	
221	40.700	345.016	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	817,562 94.556%	46,335 5.359%	737 0.085%	
221	41.698	452.539	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	837,748 94.556%	47,492 5.360%	737 0.083%	
221	42.695	479.320	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	857,955 94.574%	48,484 5.344%	737 0.081%	
221	43.703	416.229	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	878,706 94.628%	49,146 5.293%	737 0.079%	
221	44.701	648.535	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	897,785 94.525%	51,266 5.398%	737 0.078%	
221	45.698	518.768	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	917,855 94.528%	52,379 5.394%	754 0.078%	

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	46.696	411.538	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	938,443 94.583%	52,988 5.341%	754 0.076%	
221	47.704	549.233	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	958,106 94.525%	54,740 5.401%	754 0.074%	
221	48.701	410.566	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	978,657 94.579%	55,344 5.349%	754 0.073%	
221	49.699	500.079	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	998,490 94.554%	56,753 5.374%	754 0.071%	
221	50.696	422.389	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,018,956 94.593%	57,487 5.337%	754 0.070%	
221	51.694	515.324	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,038,721 94.574%	58,842 5.357%	754 0.069%	
221	52.702	420.530	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,059,493 94.614%	59,564 5.319%	754 0.067%	
221	53.709	477.582	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,079,880 94.625%	60,590 5.309%	754 0.066%	
221	54.697	628.639	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,098,996 94.561%	62,443 5.373%	769 0.066%	
221	55.694	463.040	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,119,337 94.586%	63,301 5.349%	769 0.065%	
221	56.702	401.530	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,140,239 94.640%	63,810 5.296%	769 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>					
221	57.700	532.767	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,159,932 94.610%	65,319 5.328%	769 0.063%	
221	58.697	426.054	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,180,321 94.636%	66,129 5.302%	769 0.062%	
221	59.695	447.984	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,200,555 94.650%	67,093 5.290%	769 0.061%	
221	63.433	338.426	152.500 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,207,098 94.676%	67,112 5.264%	769 0.060%	
252	0.625	1,047.026	186.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	12,085 81.162%	2,631 17.670%	174 1.169%	
252	1.612	390.510	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	35,535 91.538%	3,111 8.014%	174 0.448%	
252	2.620	444.735	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	59,209 93.633%	3,830 6.057%	196 0.310%	
252	3.618	608.287	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	81,250 92.954%	5,963 6.822%	196 0.224%	
252	4.615	430.680	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	104,421 93.582%	6,965 6.242%	196 0.176%	
252	5.613	464.167	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	127,357 93.814%	8,202 6.042%	196 0.144%	
252	6.620	448.050	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	150,736 94.109%	9,239 5.768%	196 0.122%	

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	7.618	441.612	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	174,003 94.390%	10,145 5.503%	196 0.106%	
252	8.616	458.104	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	197,121 94.535%	11,200 5.371%	196 0.094%	
252	9.613	583.419	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	219,271 94.233%	13,224 5.683%	196 0.084%	
252	10.621	460.981	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	242,367 94.275%	14,523 5.649%	196 0.076%	
252	11.619	367.299	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	266,106 94.605%	14,978 5.325%	196 0.070%	
252	12.616	535.492	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	288,413 94.422%	16,842 5.514%	196 0.064%	
252	13.614	534.313	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	310,933 94.331%	18,489 5.609%	196 0.059%	
252	14.611	492.231	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	333,649 94.306%	19,950 5.639%	196 0.055%	
252	15.619	401.556	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	357,385 94.493%	20,633 5.455%	196 0.052%	
252	16.617	488.902	175.000 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000 0	> 10000.000 0	0	0	380,242 94.497%	21,948 5.454%	196 0.049%	

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

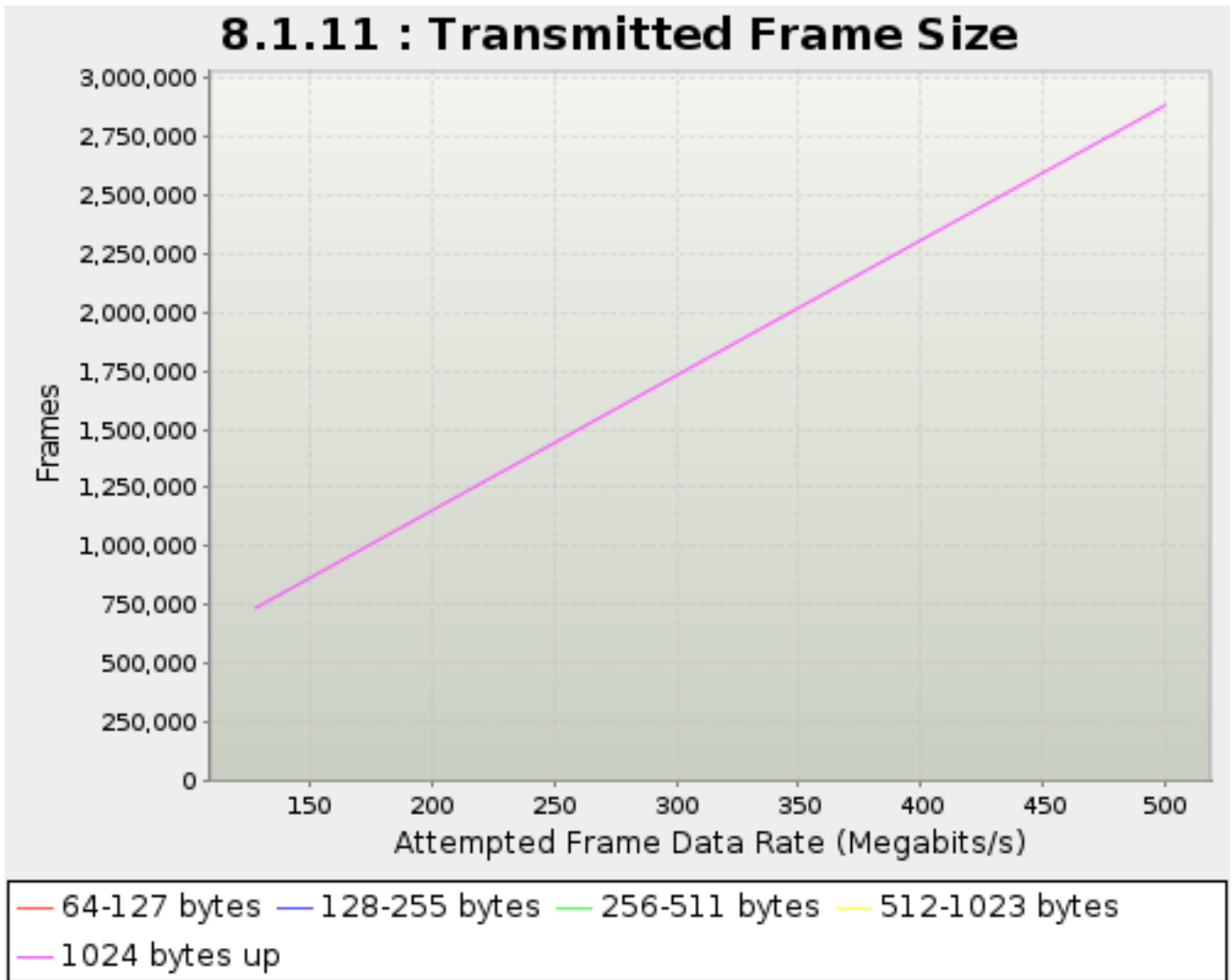
8.1.10. Component Summary

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	1,274,979 99.998%	1,632,000,000	1,631,973,120 99.998%
252	1,453,800	1,453,723 99.995%	1,860,864,000	1,860,765,440 99.995%
500	2,884,560	2,882,768 99.938%	3,692,236,800	3,689,943,040 99.938%

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	~12340	~128	128.4
190	~18270	~18280	~190	190.1
221	~21250	~21390	~221	222.5
252	~24230	~24280	~252	252.5
500	~48080	~48200	~500	501.3

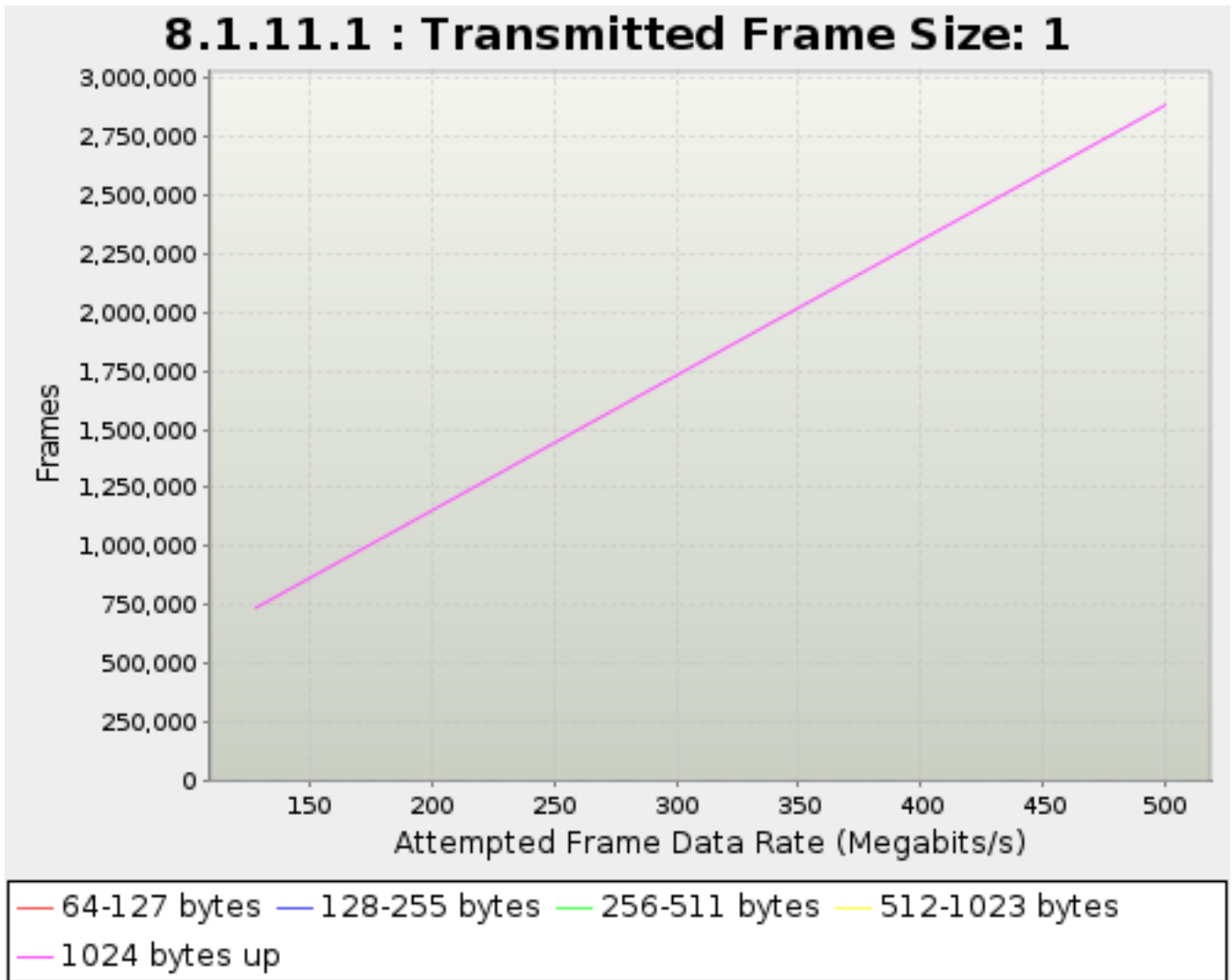
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
128	0	102	0	0	64	0	0	0
190	0	195	0	0	64	0	0	0
221	0	280	0	0	64	21	0	0
252	0	1,651	0	0	64	77	0	0
500	0	38,574	0	0	64	1,792	0	0

8.1.11. Transmitted Frame Size



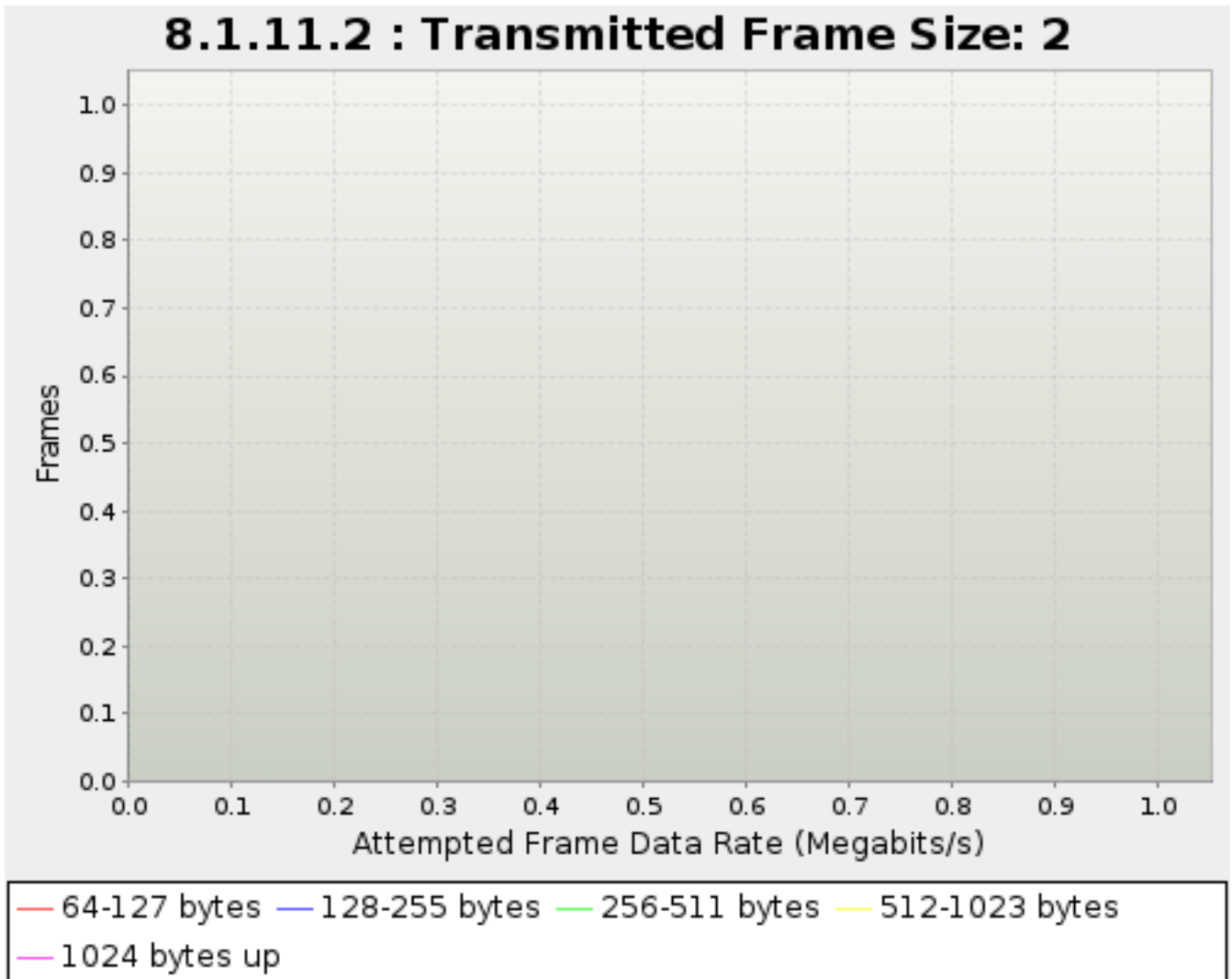
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	63.726	0	0	0	0	738,420
190	63.564	0	0	0	0	1,096,140
221	63.433	0	0	0	0	1,275,000
252	63.252	0	0	0	0	1,453,800
500	63.837	0	0	0	0	2,884,560

8.1.11.1. Transmitted Frame Size: 1



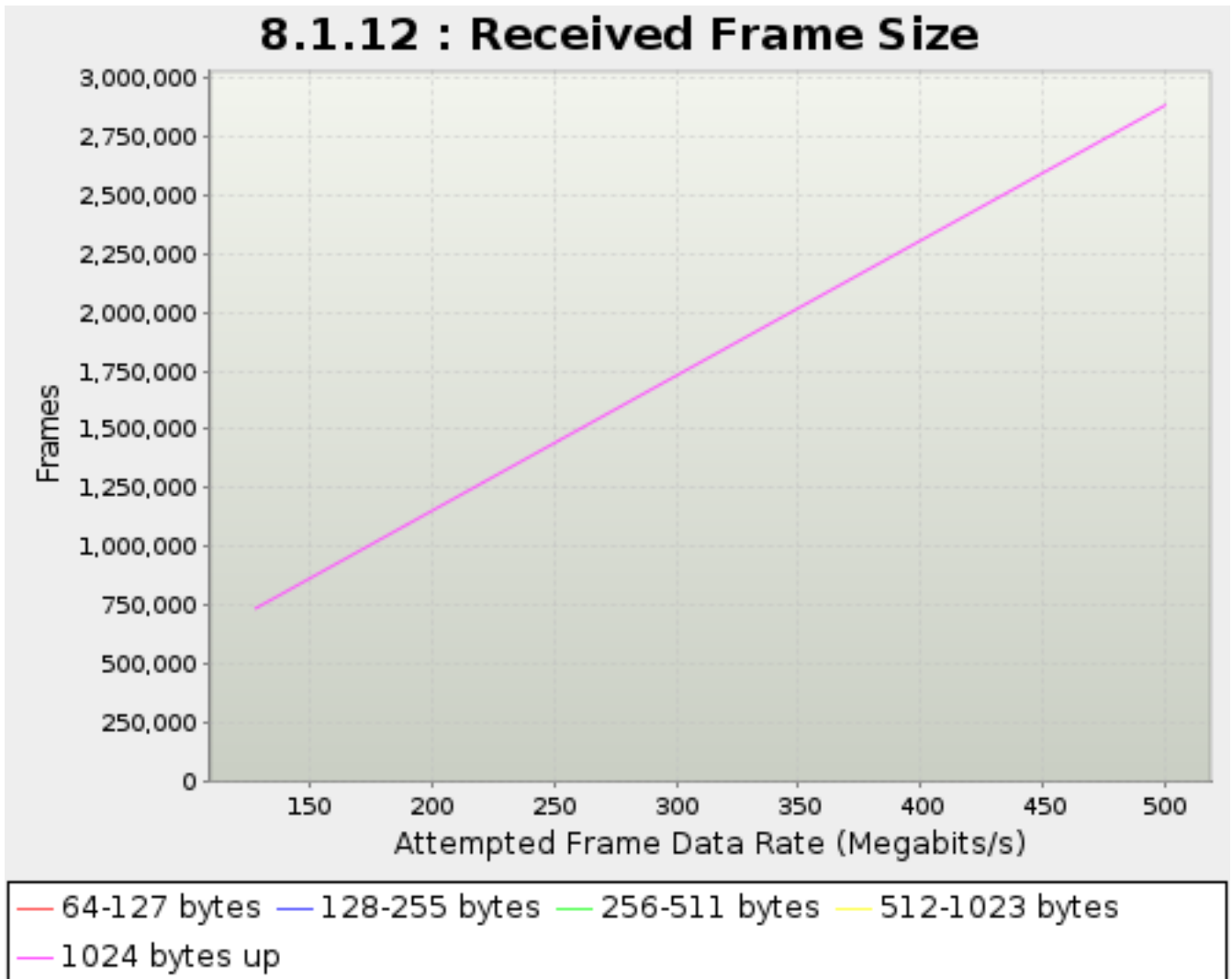
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
128	63.726	0	0	0	0	738,420
190	63.564	0	0	0	0	1,096,140
221	63.433	0	0	0	0	1,275,000
252	63.252	0	0	0	0	1,453,800
500	63.837	0	0	0	0	2,884,560

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	63.726	0	0	0	0	0
190	63.564	0	0	0	0	0
221	63.433	0	0	0	0	0
252	63.252	0	0	0	0	0
500	63.837	0	0	0	0	0

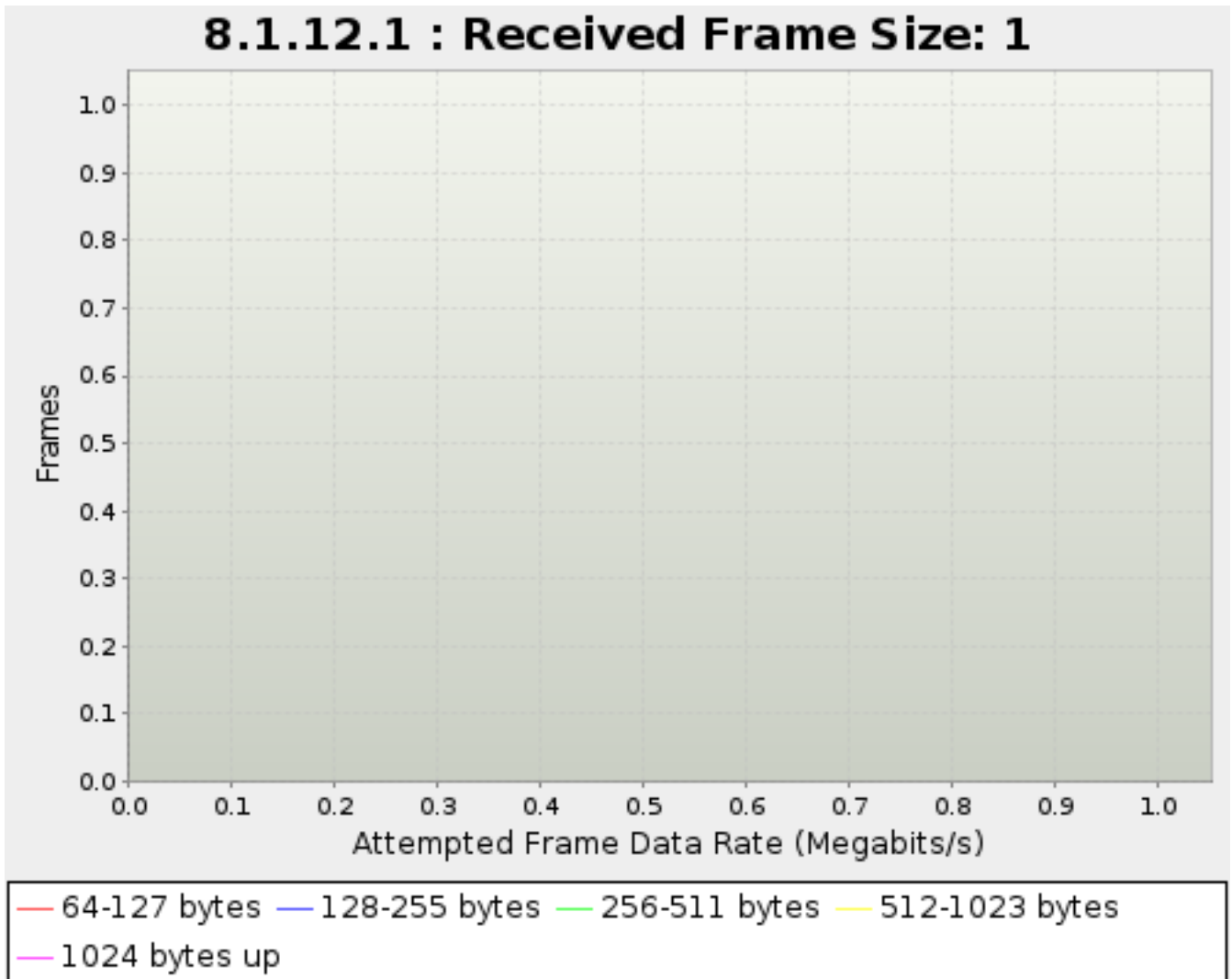
8.1.12. Received Frame Size



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	63.726	0	0	0	0	738,420
190	63.564	0	0	0	0	1,096,140
221	63.433	0	0	0	0	1,274,979
252	63.252	0	0	0	0	1,453,723
500	63.837	0	0	0	0	2,882,768

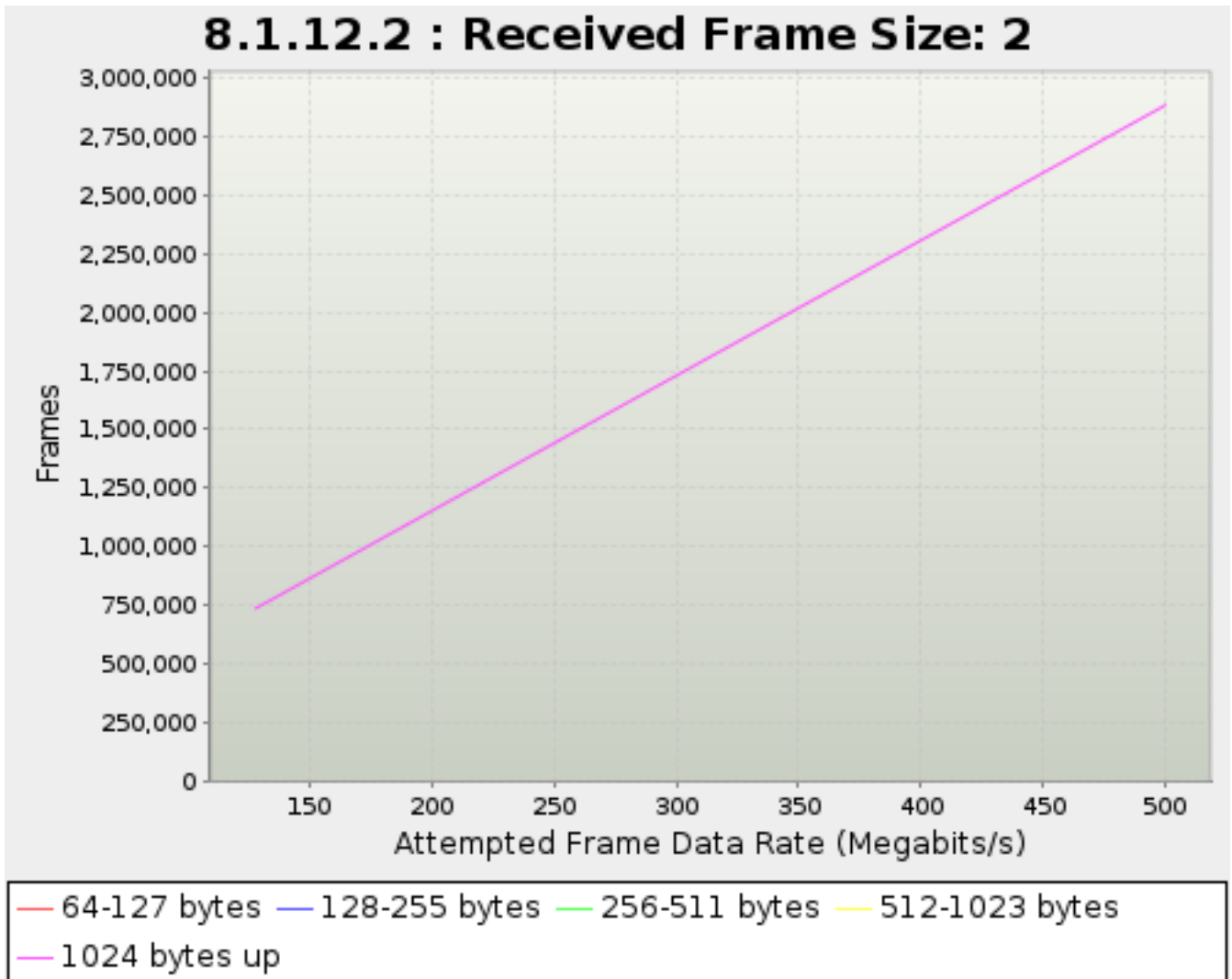
8.1.12.1. Received Frame Size: 1



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	63.726	0	0	0	0	0
190	63.564	0	0	0	0	0
221	63.433	0	0	0	0	0
252	63.252	0	0	0	0	0
500	63.837	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	63.726	0	0	0	0	738,420
190	63.564	0	0	0	0	1,096,140
221	63.433	0	0	0	0	1,274,979
252	63.252	0	0	0	0	1,453,723
500	63.837	0	0	0	0	2,882,768

8.2. Aggregate Stats

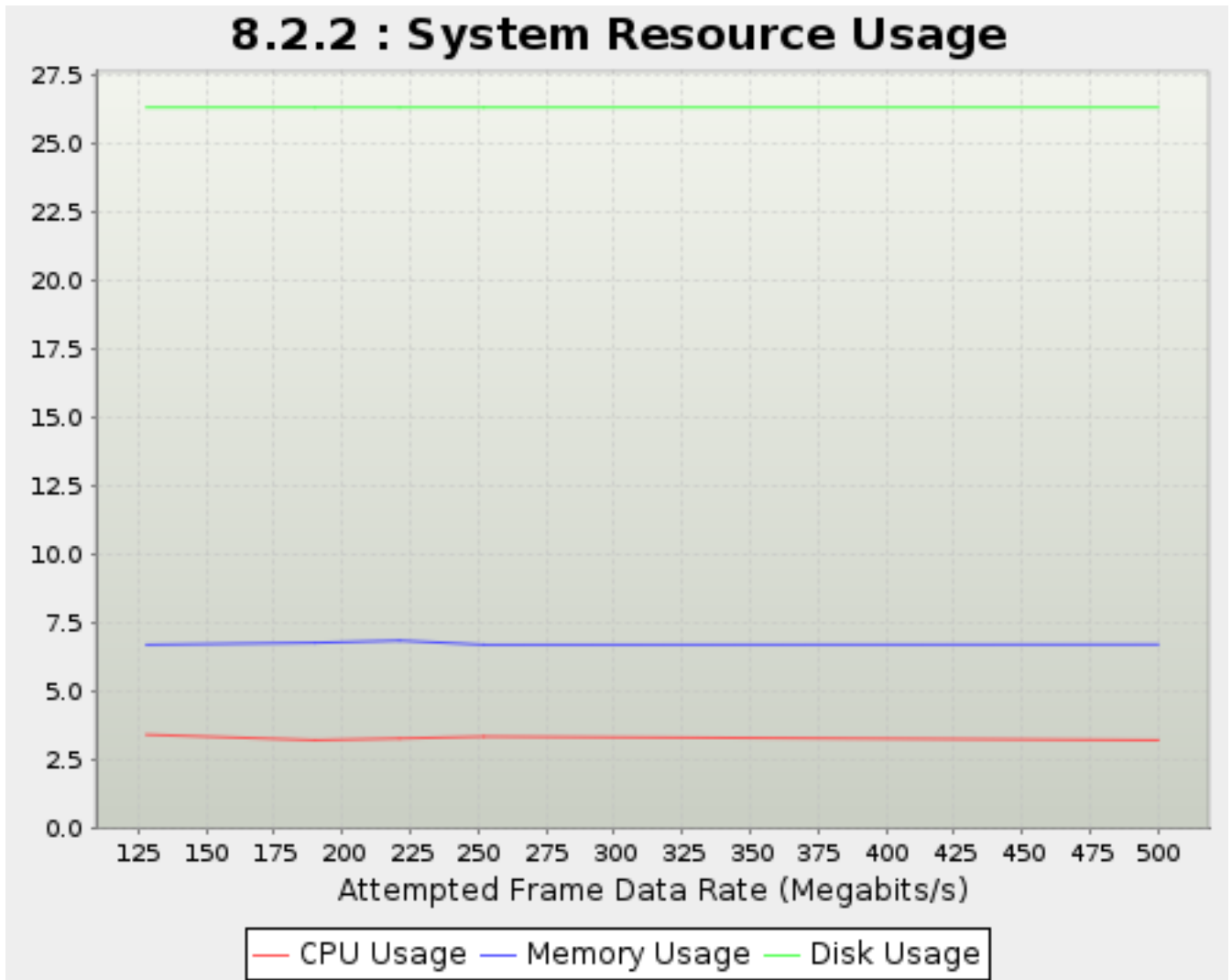
8.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

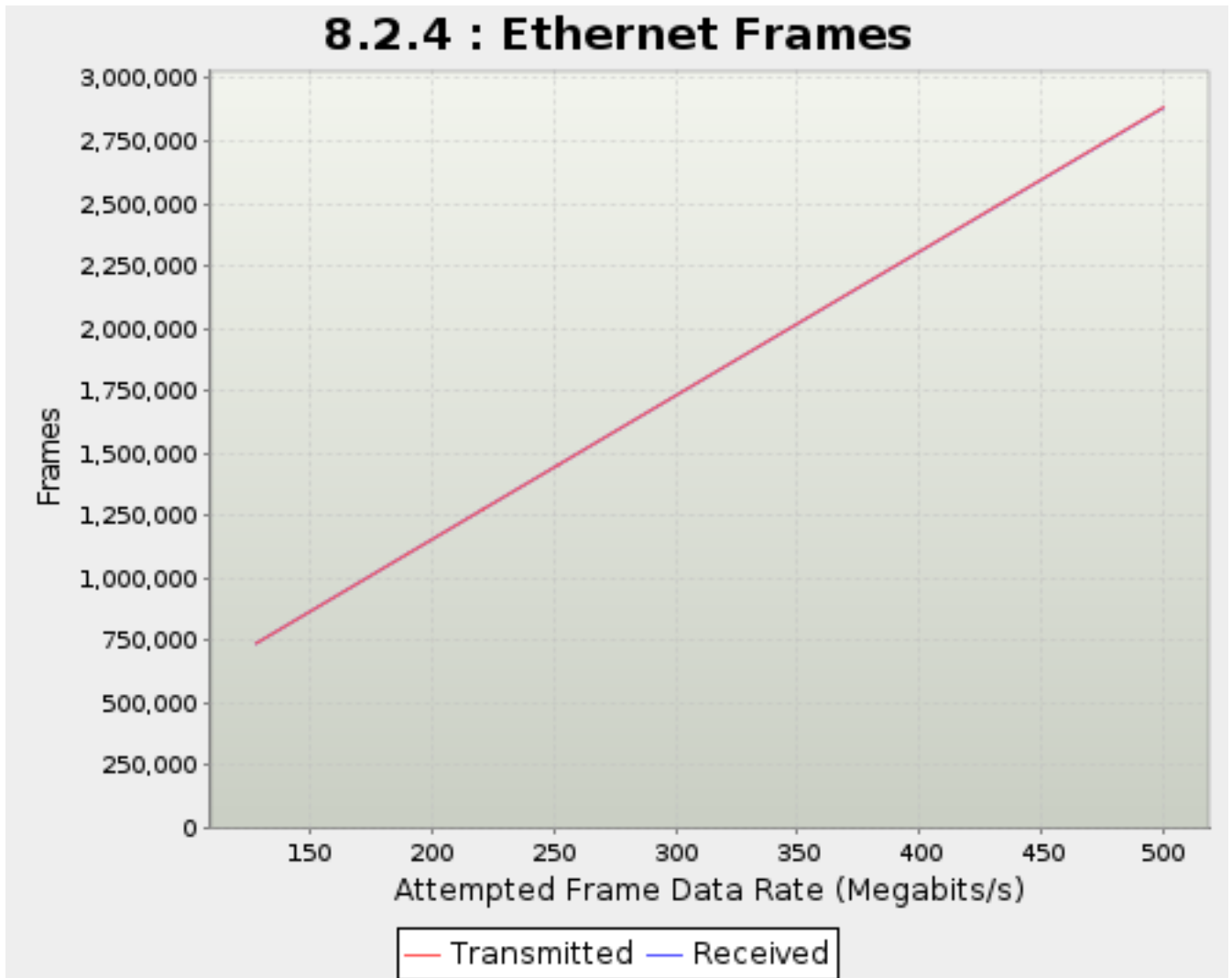
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

8.2.2. System Resource Usage



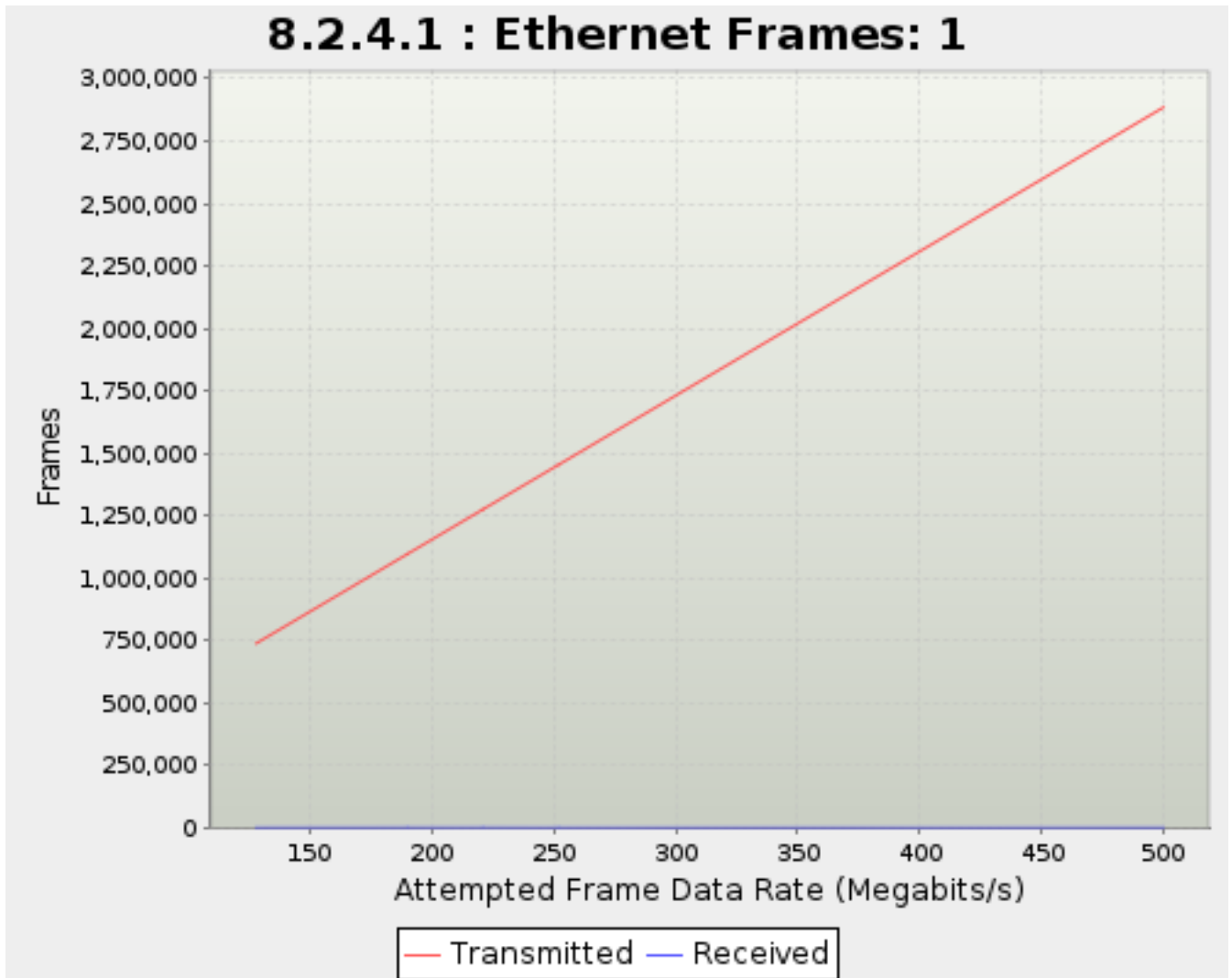
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	64.868	3.42	6.71	26.36
190	64.713	3.22	6.78	26.36
221	64.578	3.28	6.86	26.36
252	64.386	3.35	6.71	26.36
500	65.033	3.22	6.72	26.36

8.2.4. Ethernet Frames



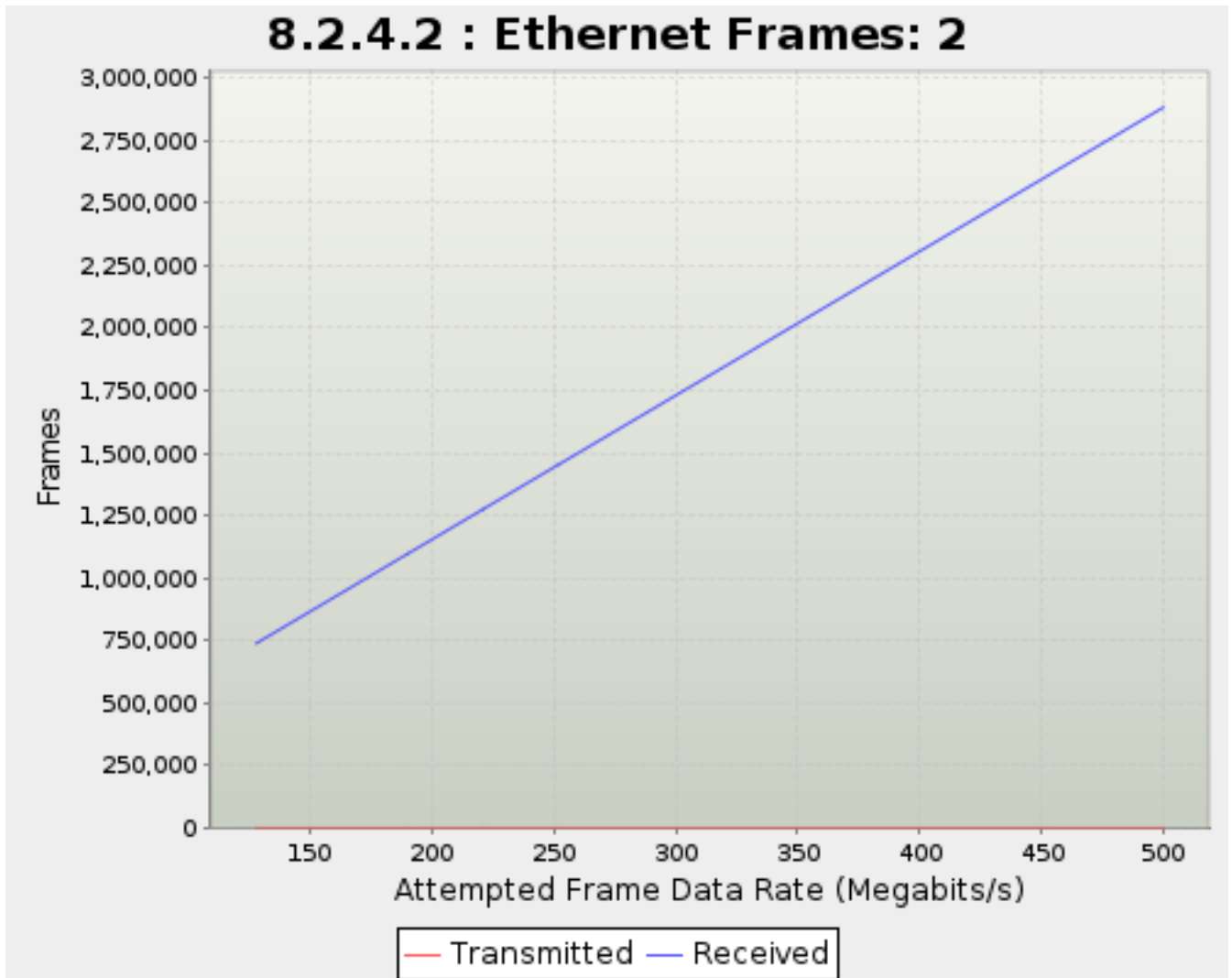
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.864	739,367	739,444 100.010%
190	64.713	1,097,248	1,097,326 100.007%
221	64.572	1,276,209	1,276,267 100.005%
252	64.391	1,454,751	1,454,751 100.000%
500	64.985	2,885,520	2,883,834 99.942%

8.2.4.1. Ethernet Frames: 1



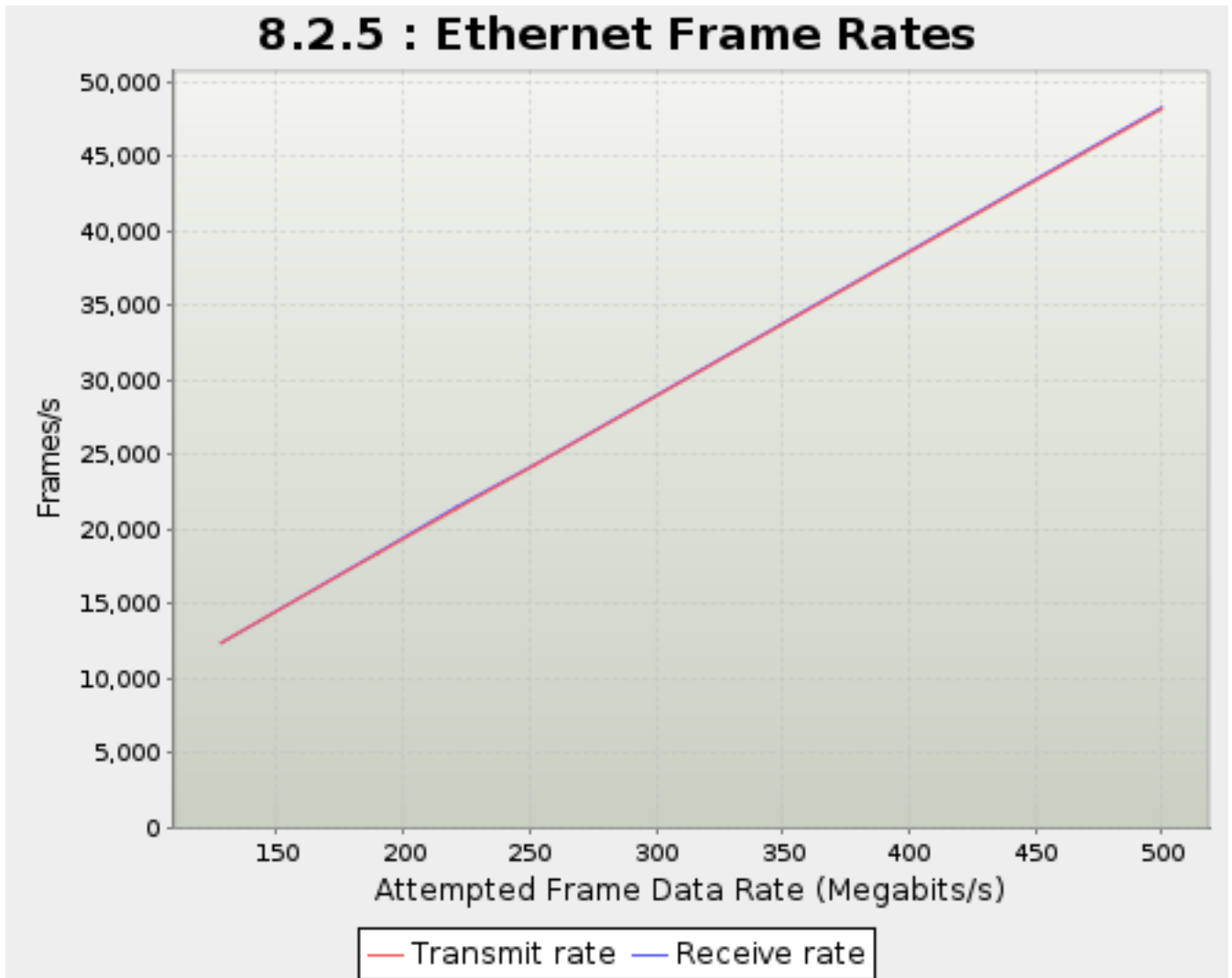
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.864	739,302	826 0.112%
190	64.713	1,097,183	987 0.090%
221	64.572	1,276,082	1,028 0.081%
252	64.391	1,454,624	766 0.053%
500	64.985	2,885,455	868 0.030%

8.2.4.2. Ethernet Frames: 2



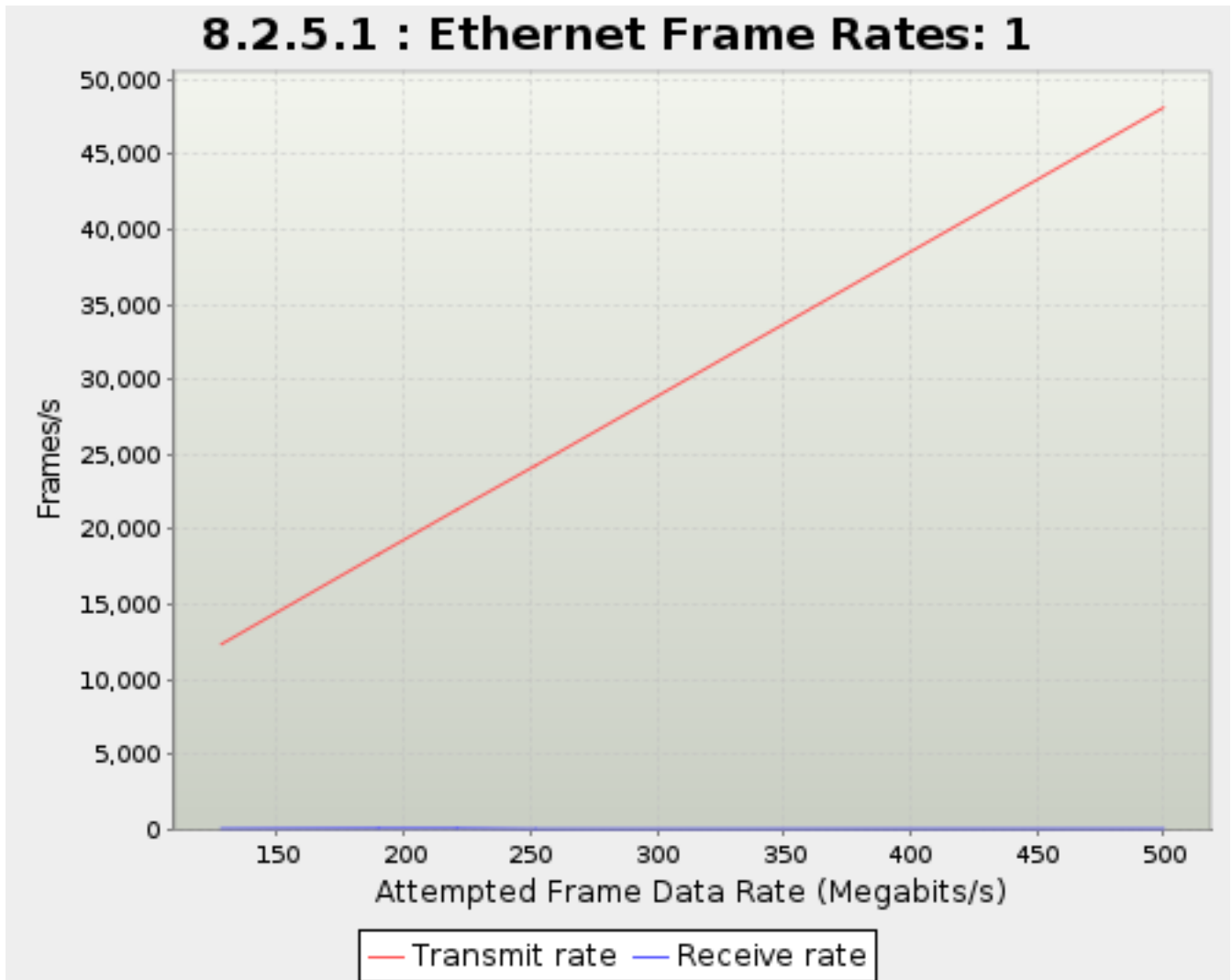
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.864	65	738,618 1136335.385%
190	64.713	65	1,096,339 1686675.385%
221	64.572	127	1,275,239 1004125.197%
252	64.391	127	1,453,985 1144870.079%
500	64.985	65	2,882,966 4435332.308%

8.2.5. Ethernet Frame Rates



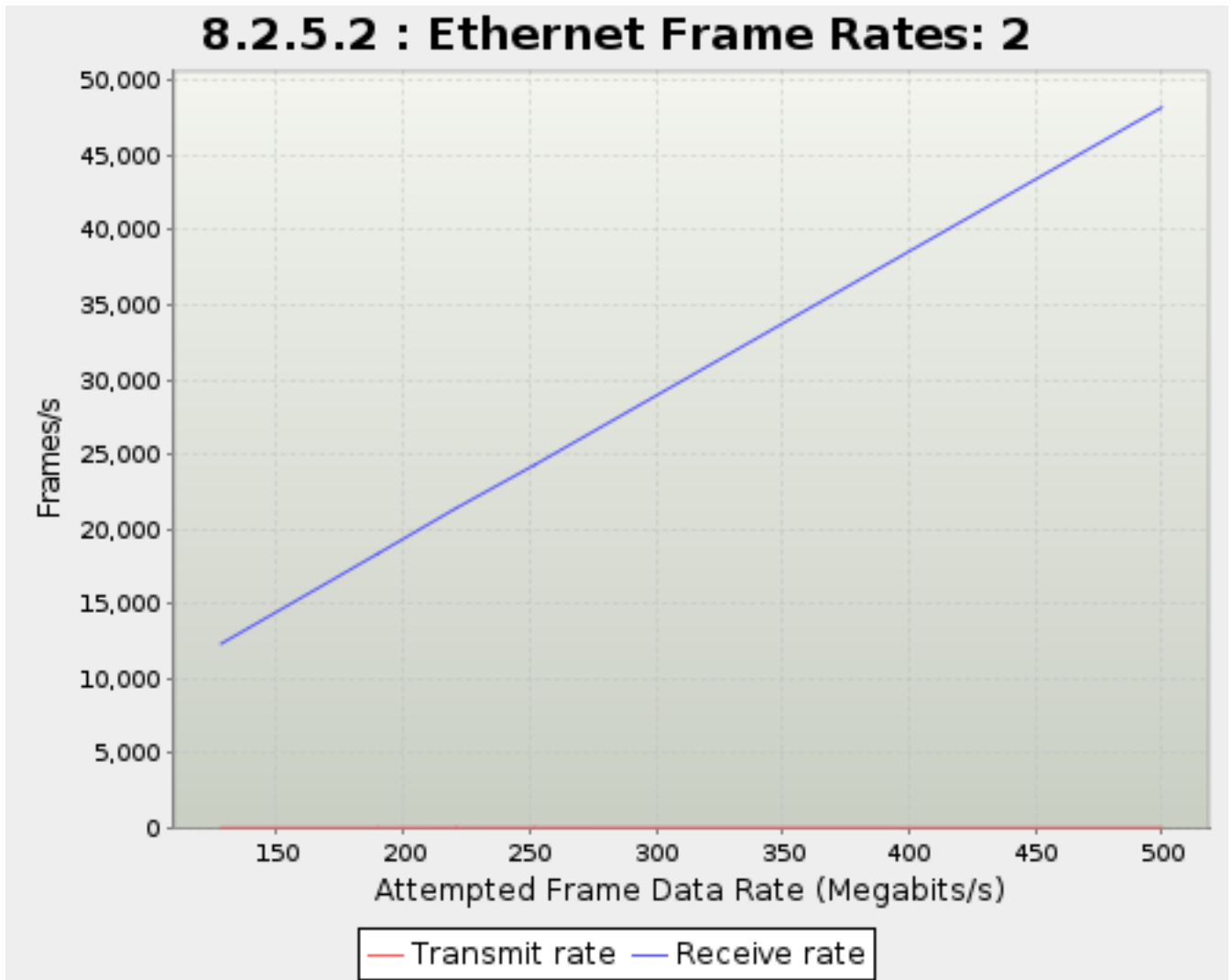
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate
128	64.864	~12400	~12400
190	64.713	~18390	~18460
221	64.572	~21370	~21510
252	64.391	~24300	~24350
500	64.985	~48160	~48280

8.2.5.1. Ethernet Frame Rates: 1



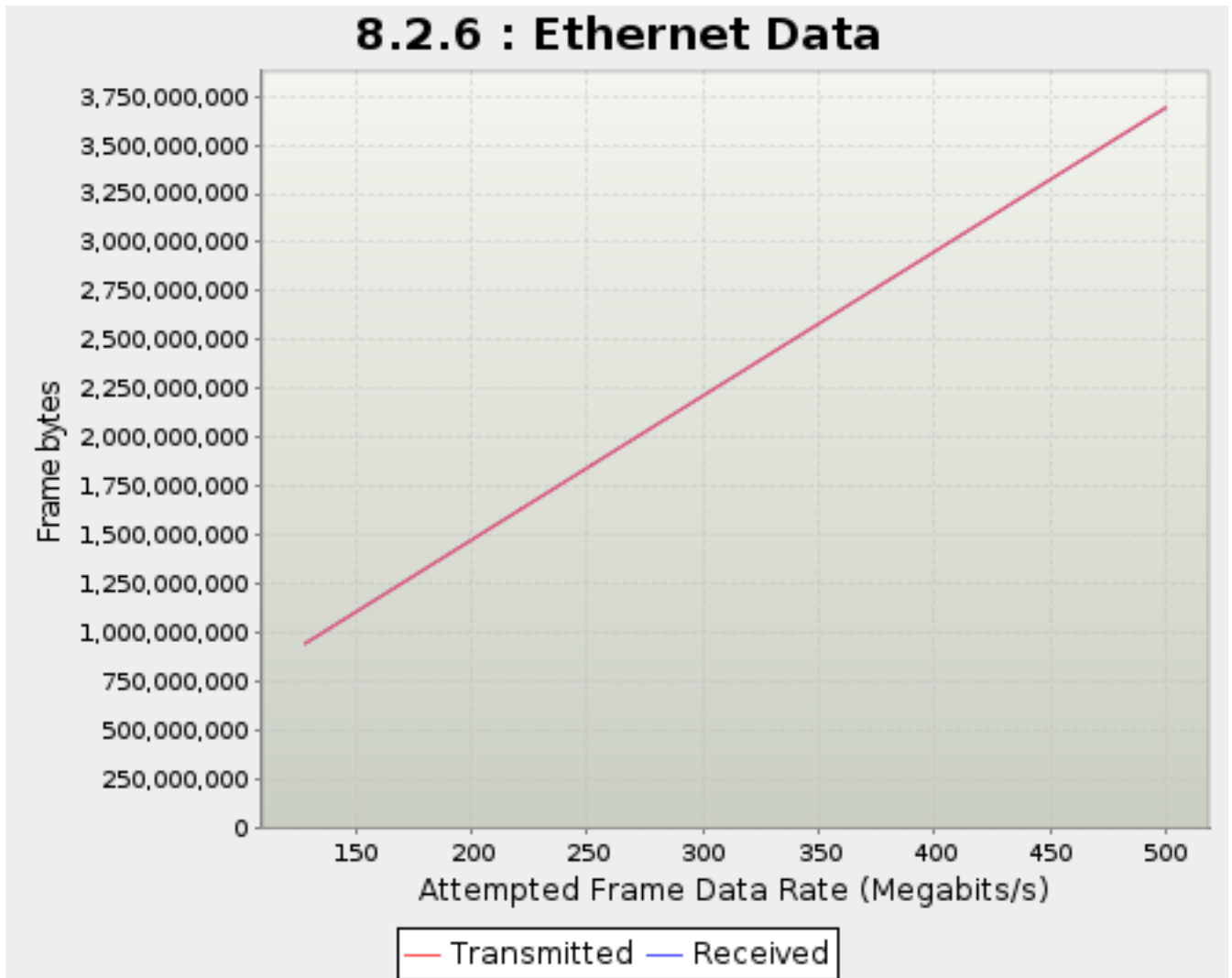
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	64.864	~12370	61.90
190	64.713	~18360	91.22
221	64.572	~21340	91.22
252	64.391	~24270	41.10
500	64.985	~48130	50.61

8.2.5.2. Ethernet Frame Rates: 2



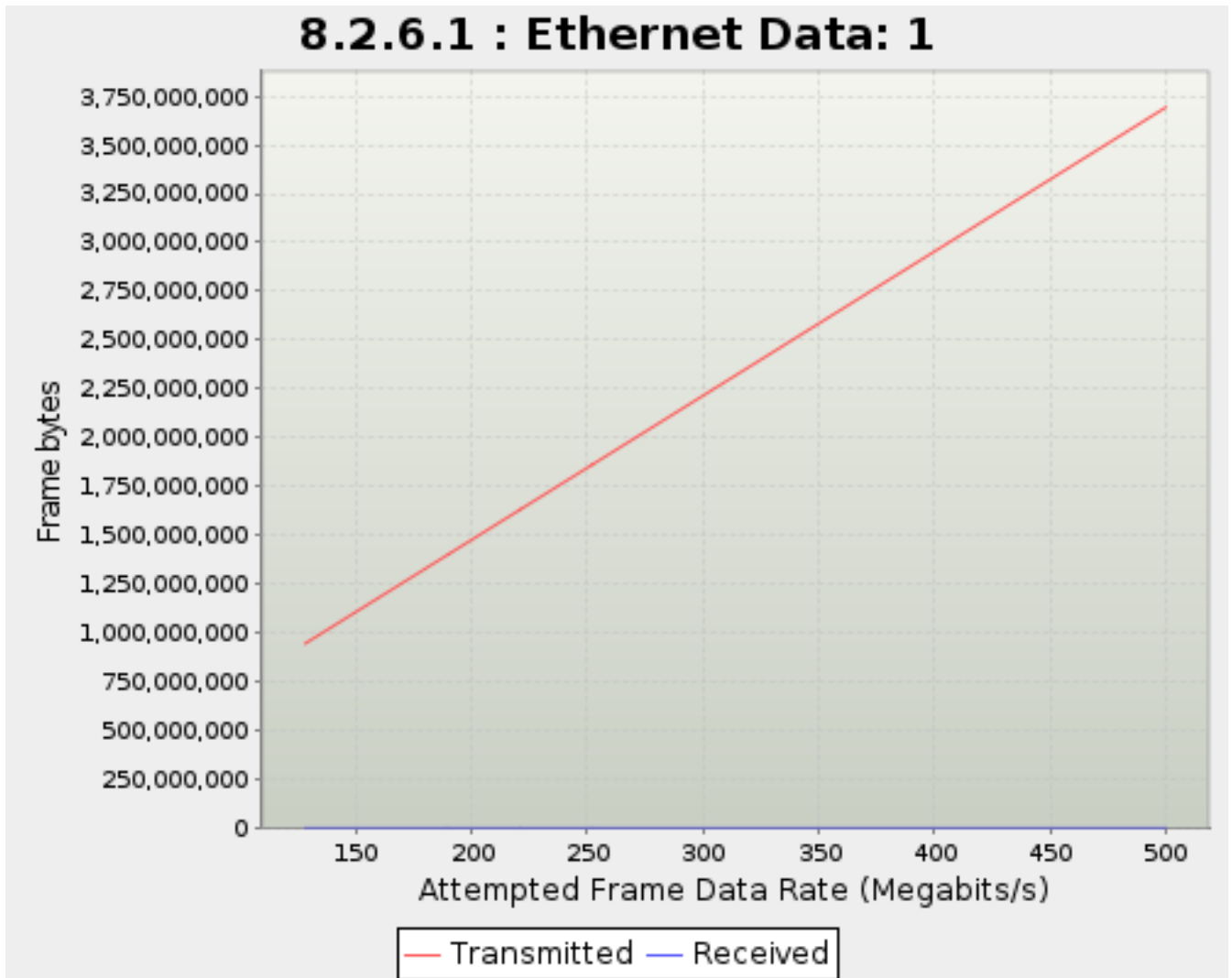
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
128	64.864	31.07	~12340
190	64.713	31.07	~18370
221	64.572	32.40	~21420
252	64.391	32.08	~24310
500	64.985	30.76	~48230

8.2.6. Ethernet Data



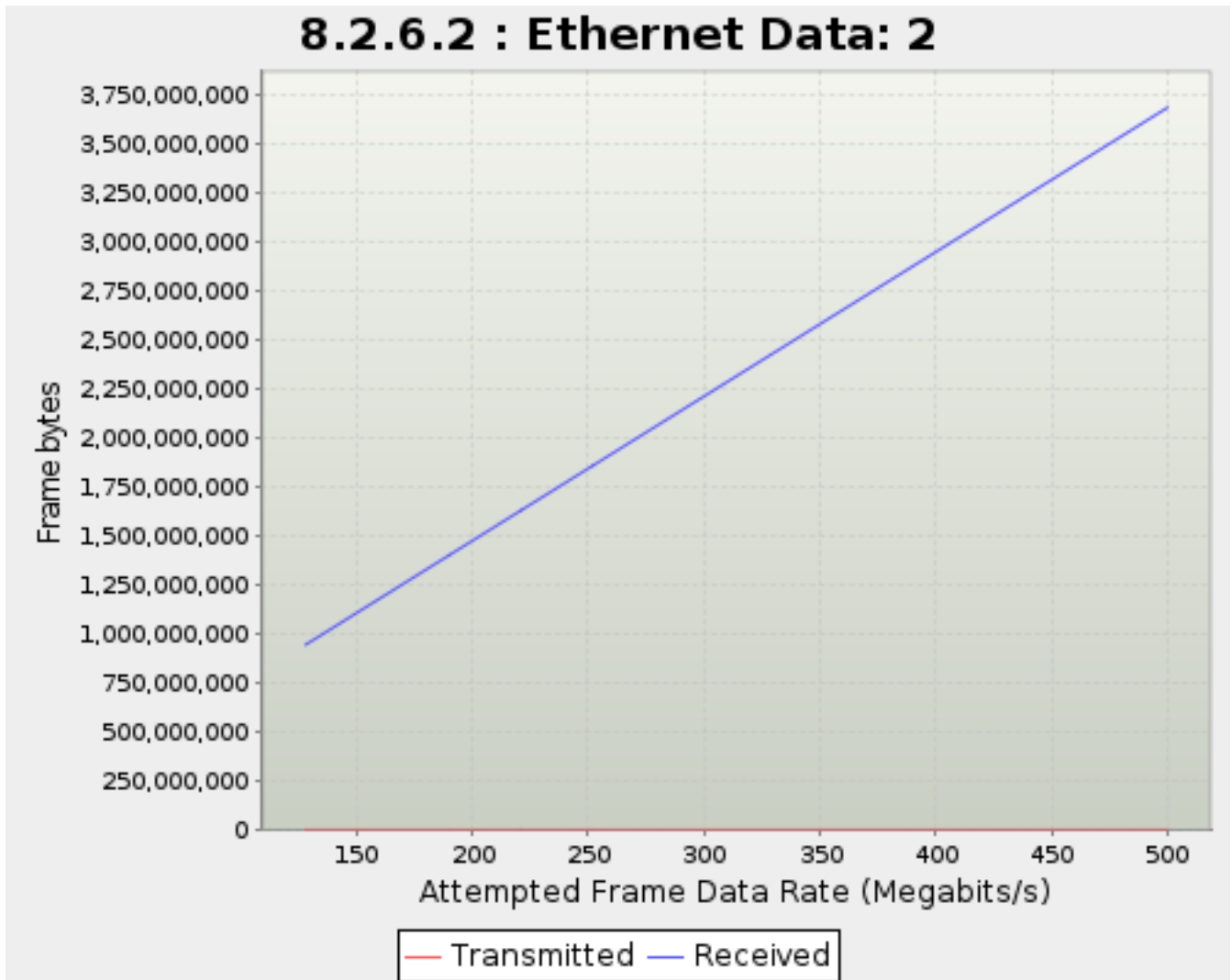
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.864	945,316,032	945,321,449 100.001%
190	64.713	1,403,207,936	1,403,213,457 100.000%
221	64.572	1,632,155,200	1,632,133,865 99.999%
252	64.391	1,861,002,688	1,860,909,521 99.995%
500	64.985	3,692,376,064	3,690,089,358 99.938%

8.2.6.1. Ethernet Data: 1



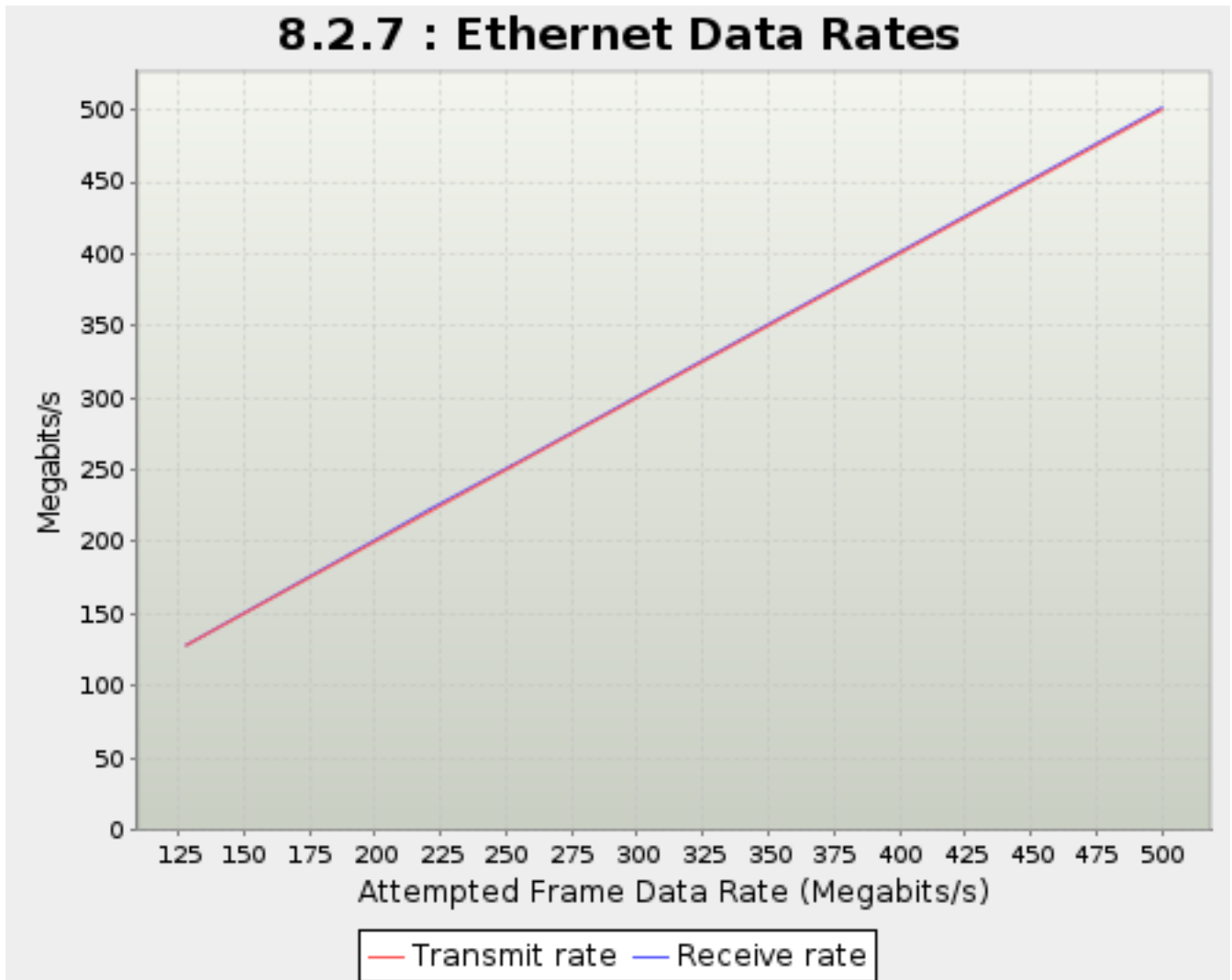
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.864	945,311,872	52,864 0.006%
190	64.713	1,403,203,776	63,168 0.005%
221	64.572	1,632,147,072	65,792 0.004%
252	64.391	1,860,994,560	49,024 0.003%
500	64.985	3,692,371,904	55,552 0.002%

8.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.864	4,160	945,268,585 22722802.524%
190	64.713	4,160	1,403,150,289 33729574.255%
221	64.572	8,128	1,632,068,073 20079577.670%
252	64.391	8,128	1,860,860,497 22894445.091%
500	64.985	4,160	3,690,033,806 88702735.721%

8.2.7. Ethernet Data Rates



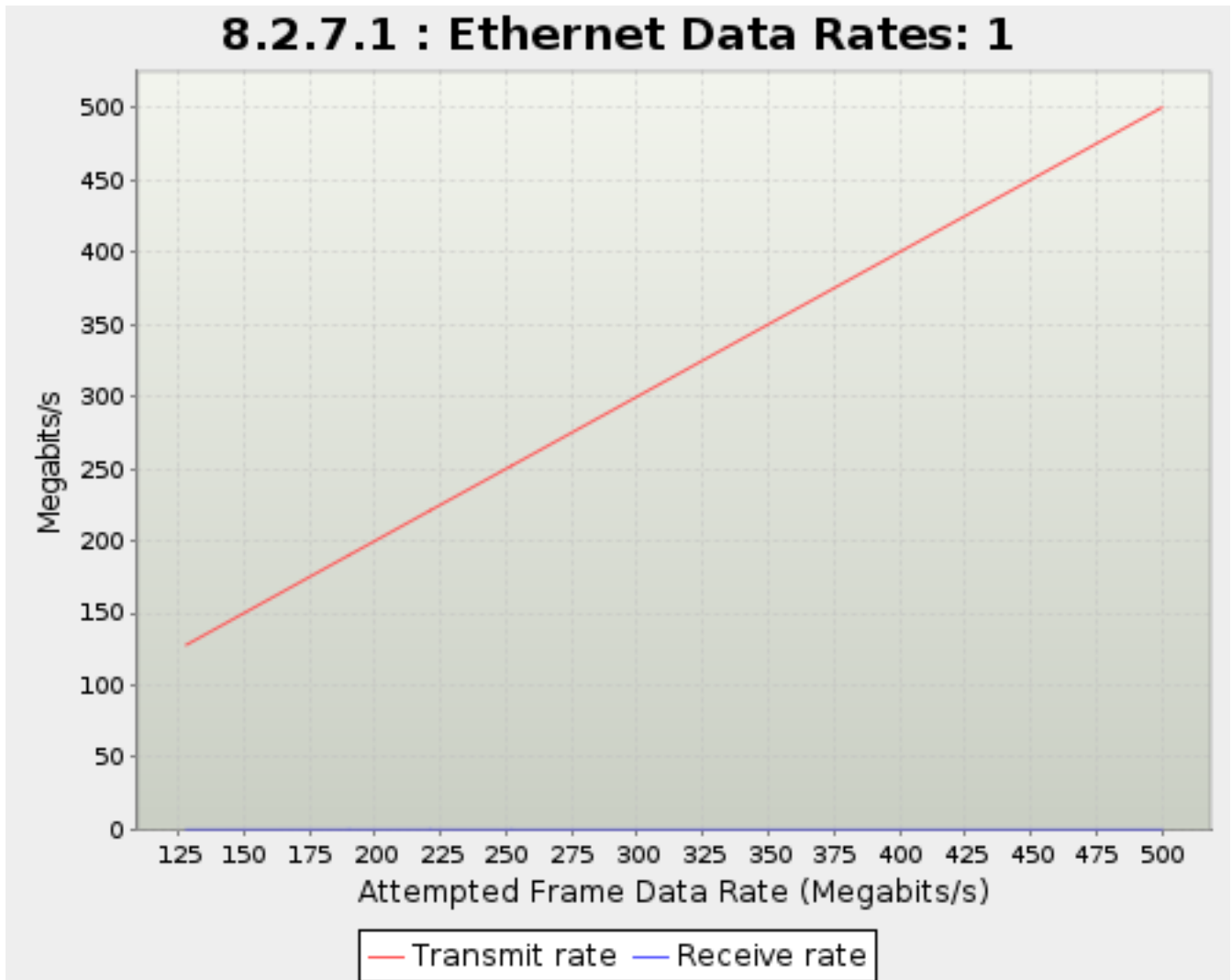
Data Rate shown includes Ethernet overhead.

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	64.864	128.1	128.3
190	64.713	190.1	191.1
221	64.572	221.1	222.8
252	64.391	~252	252.9
500	64.985	500.1	501.6

8.2.7.1. Ethernet Data Rates: 1



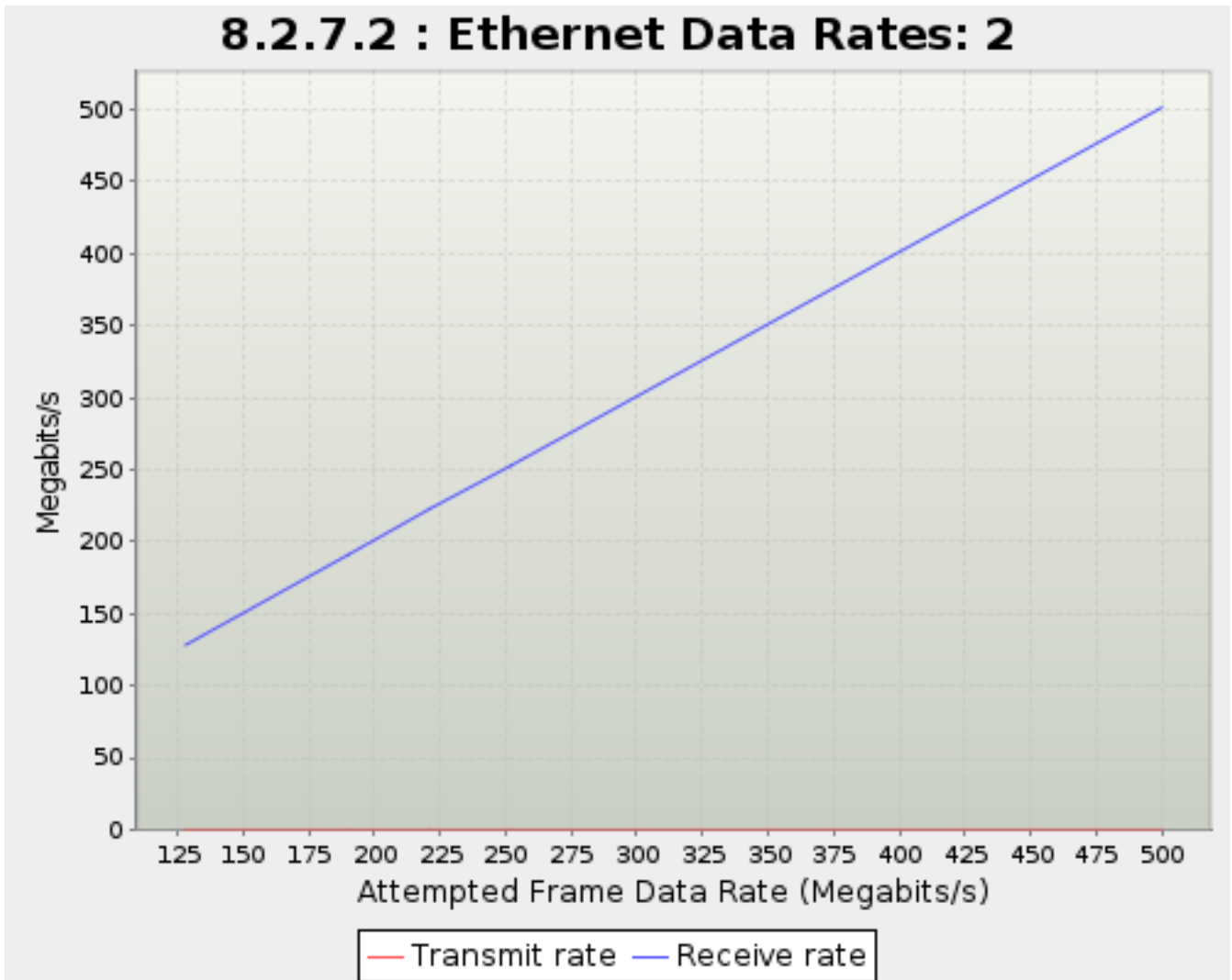
Data Rate shown includes Ethernet overhead.

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	64.864	~128	0.04160
190	64.713	190.1	0.06130
221	64.572	221.1	0.06130
252	64.391	~252	0.02762
500	64.985	~500	0.03401

8.2.7.2. Ethernet Data Rates: 2



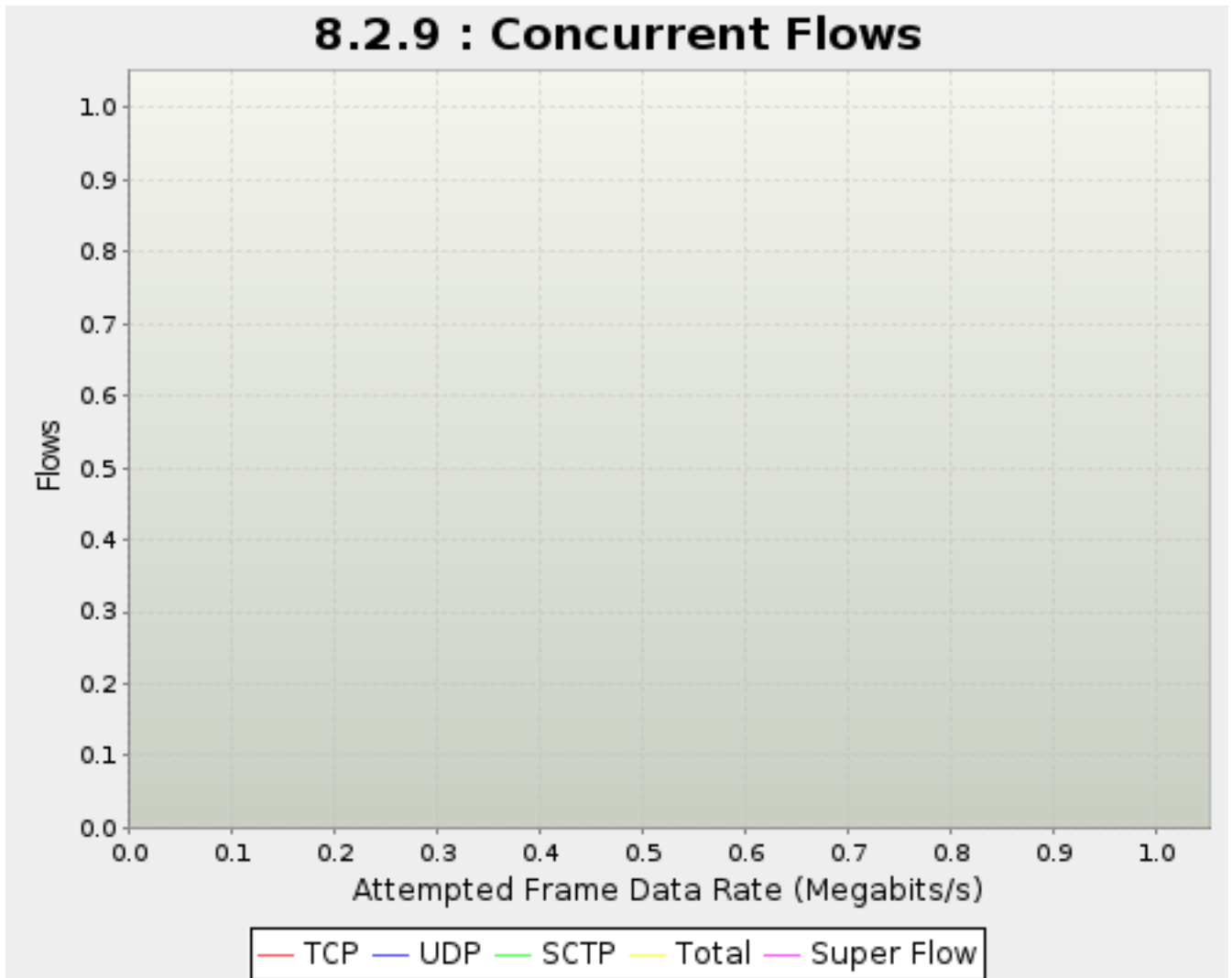
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

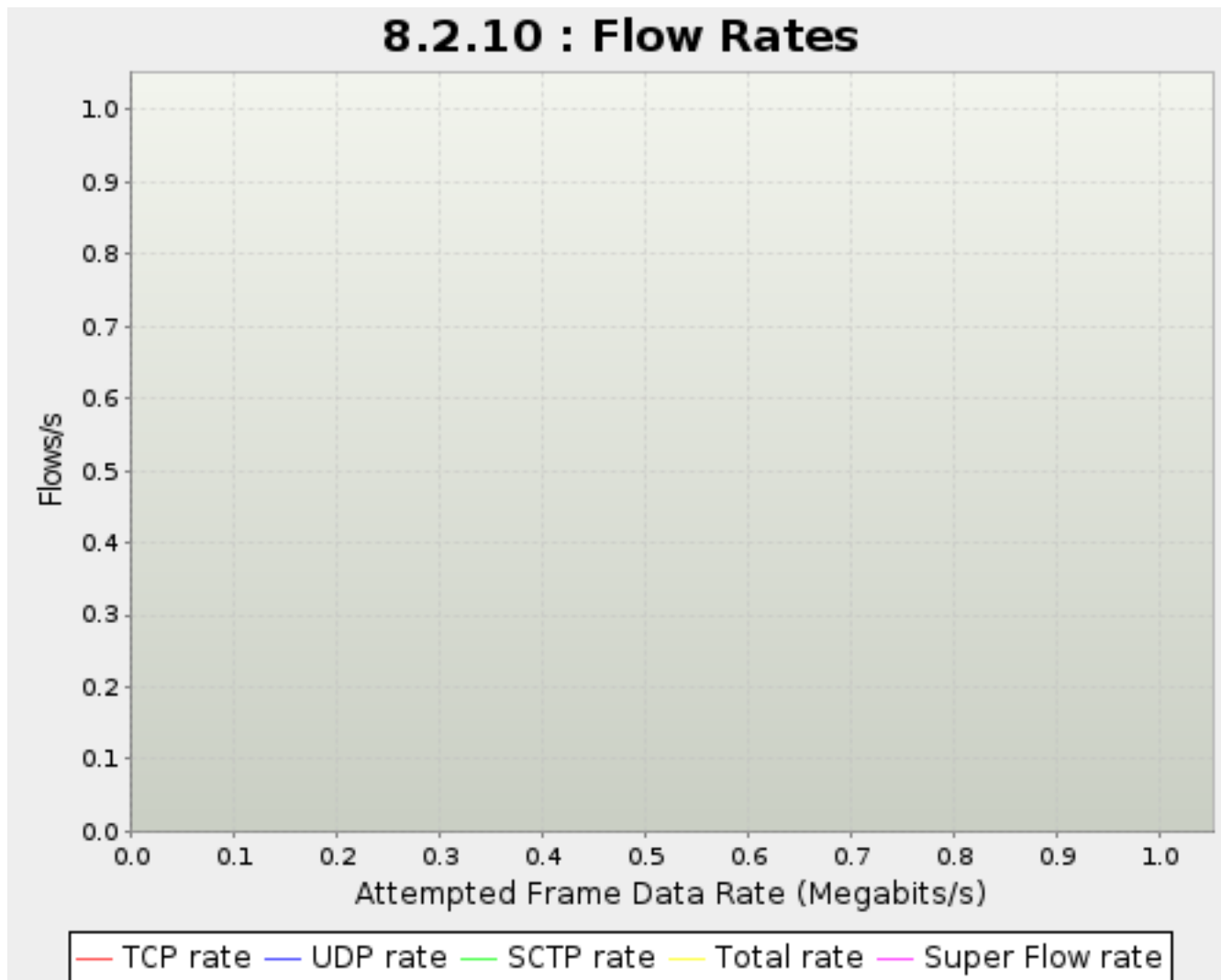
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	64.864	0.02088	128.3
190	64.713	0.02088	~191
221	64.572	0.02178	222.8
252	64.391	0.02156	252.9
500	64.985	0.02067	501.5

8.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
128	63.869	0	0	0	0	0
190	63.792	0	0	0	0	0
221	63.720	0	0	0	0	0
252	63.626	0	0	0	0	0
500	64.936	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	63.869	0.00	0.00	0.00	0.00	0.00
190	63.792	0.00	0.00	0.00	0.00	0.00
221	63.720	0.00	0.00	0.00	0.00	0.00
252	63.626	0.00	0.00	0.00	0.00	0.00
500	64.936	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		10.201.0.0/16	10.201.0.254	up
190	0		192.168.0.0/16	192.168.0.1	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		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	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	64.864	6	6	901	877	0	24	0	0
190	64.707	6	6	1,062	1,038	0	24	0	0
221	64.577	6	6	1,164	1,139	0	25	0	0
252	64.385	6	6	899	881	0	18	0	0
500	64.991	6	6	943	890	0	53	0	0

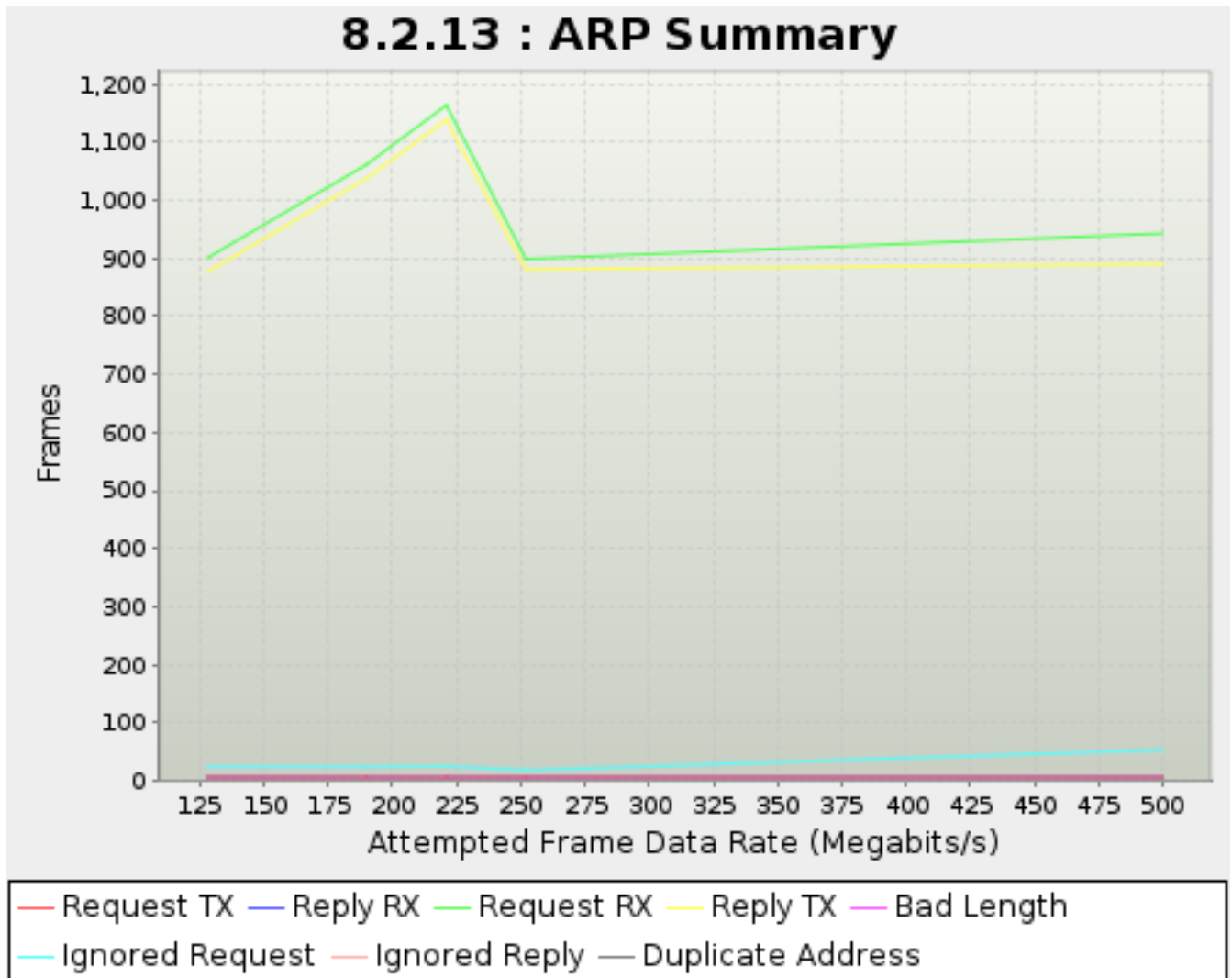
8.2.12.1. ARP: 1

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	64.864	3	3	823	815	0	8	0	0
190	64.707	3	3	984	976	0	8	0	0
221	64.577	3	3	1,025	1,015	0	10	0	0
252	64.385	3	3	758	757	0	1	0	0
500	64.991	3	3	865	828	0	37	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	64.864	3	3	78	62	0	16	0	0
190	64.707	3	3	78	62	0	16	0	0
221	64.577	3	3	139	124	0	15	0	0
252	64.385	3	3	141	124	0	17	0	0
500	64.991	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	901	877	0	24	0	0
190	6	6	1,062	1,038	0	24	0	0
221	6	6	1,164	1,139	0	25	0	0
252	6	6	899	881	0	18	0	0
500	6	6	943	890	0	53	0	0

8.2.16. Slot 1 NP np1-0 statistics

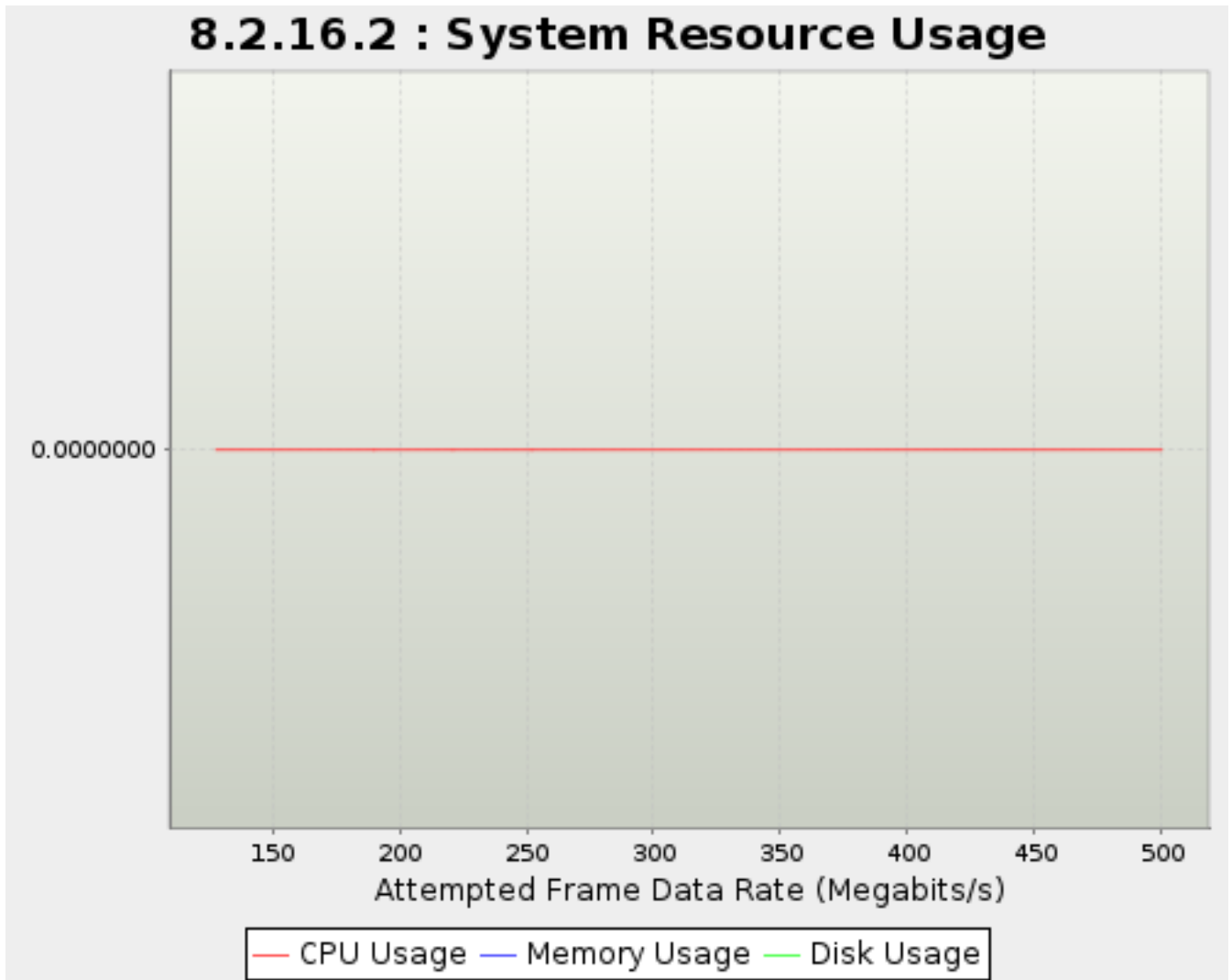
8.2.16.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

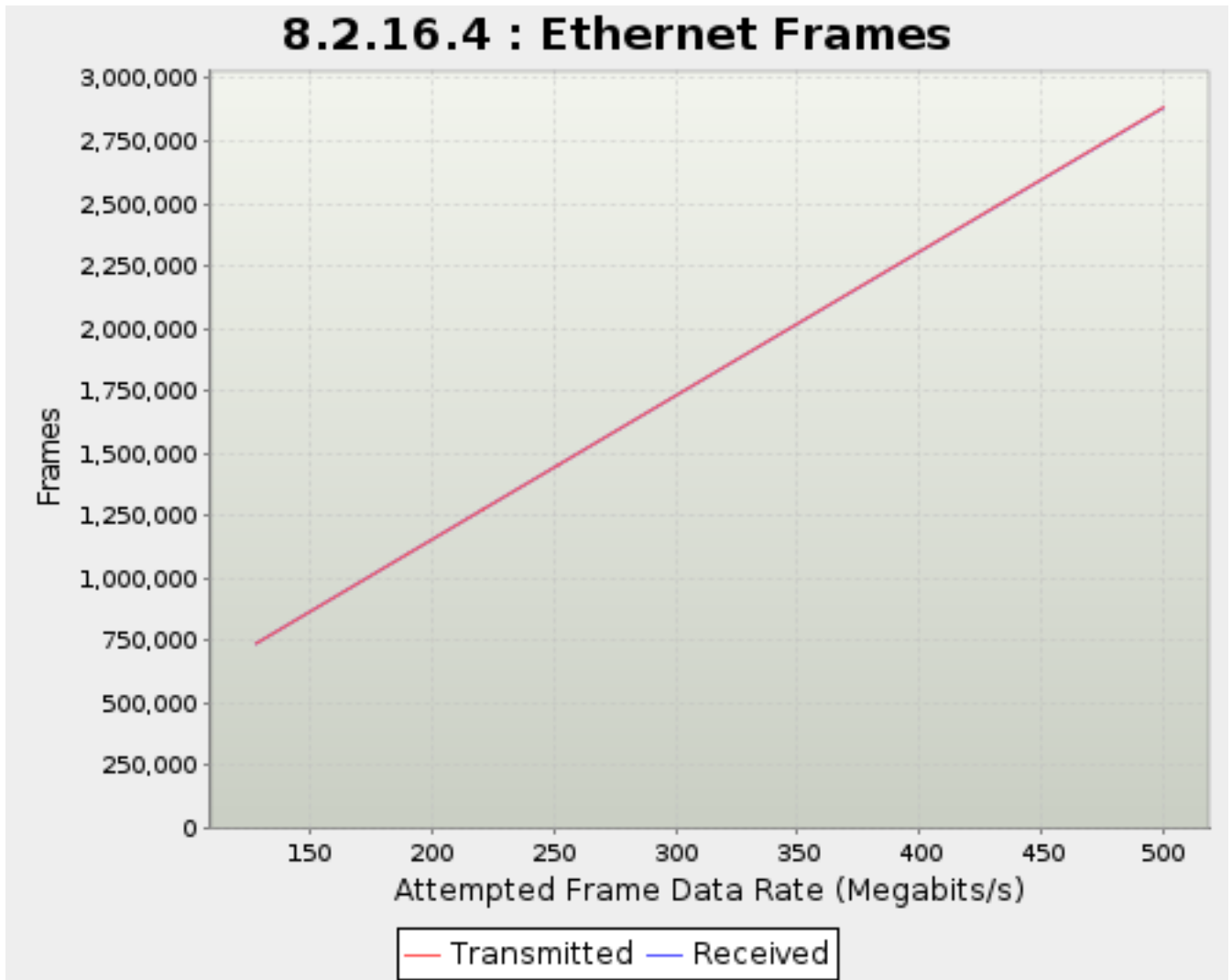
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0

8.2.16.2. System Resource Usage



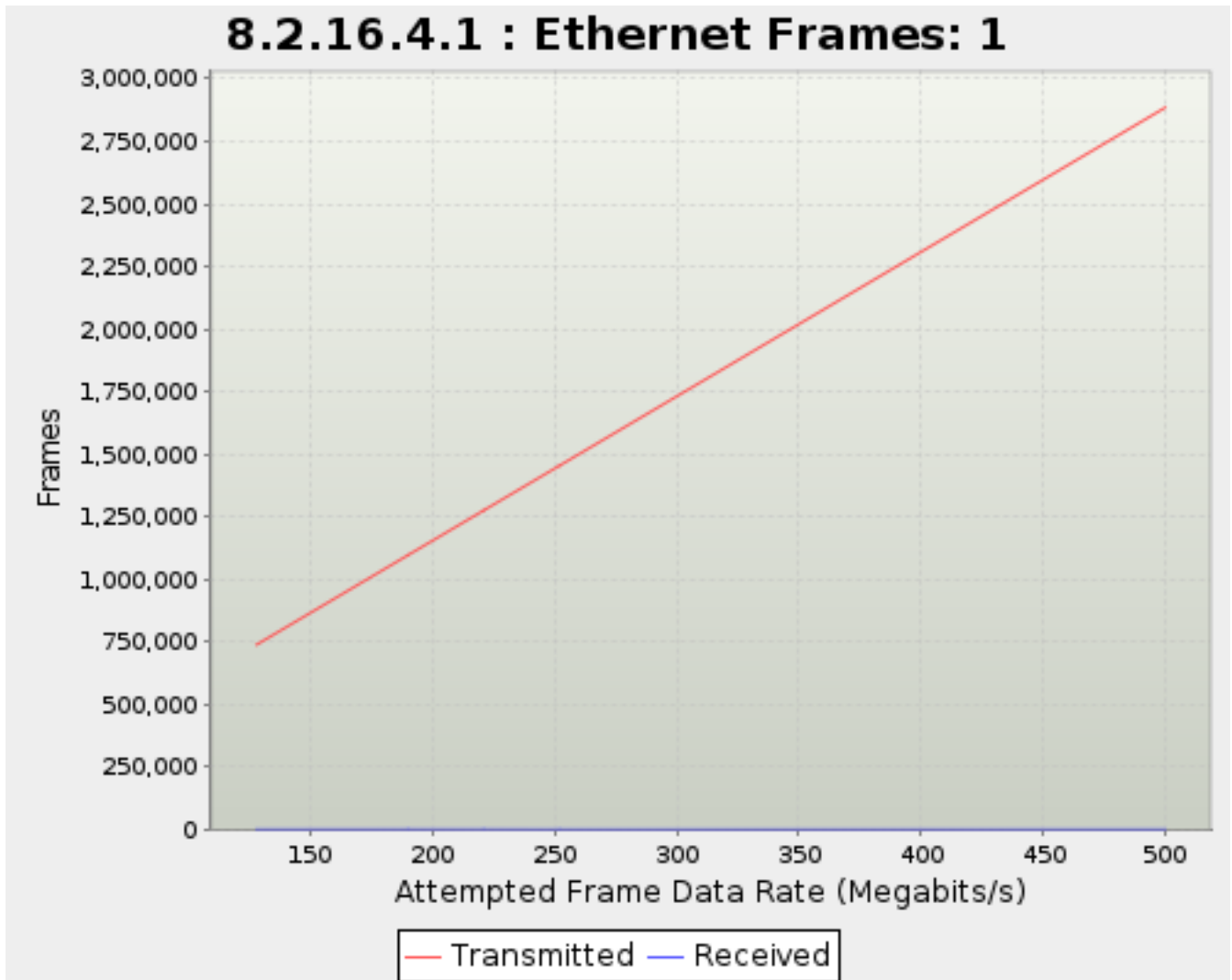
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	64.864	0	0	0
190	64.707	0	0	0
221	64.577	0	0	0
252	64.385	0	0	0
500	64.991	0	0	0

8.2.16.4. Ethernet Frames



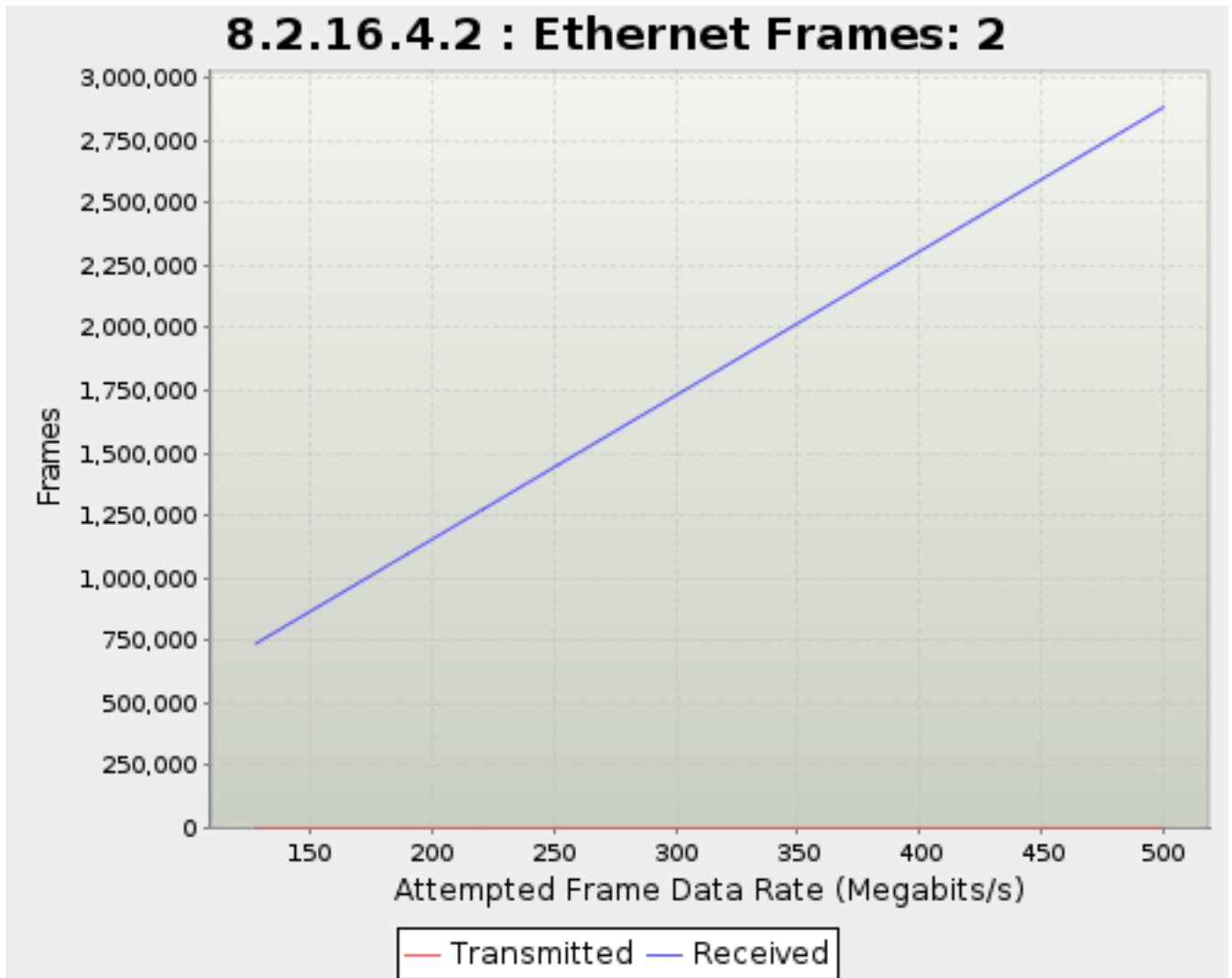
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.864	739,367	739,444 100.010%
190	64.713	1,097,248	1,097,326 100.007%
221	64.572	1,276,209	1,276,267 100.005%
252	64.391	1,454,751	1,454,751 100.000%
500	64.985	2,885,520	2,883,834 99.942%

8.2.16.4.1. Ethernet Frames: 1



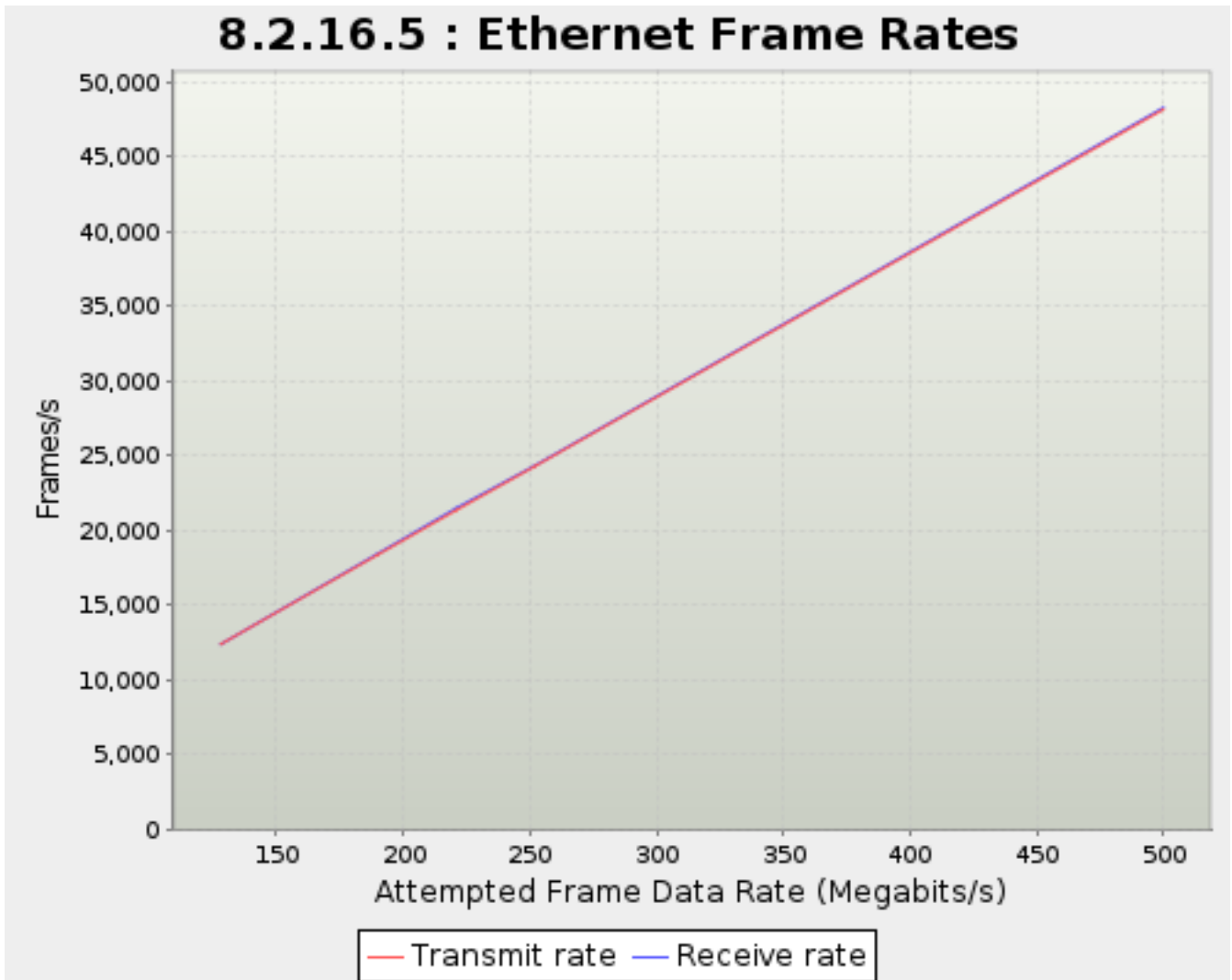
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.864	739,302	826 0.112%
190	64.713	1,097,183	987 0.090%
221	64.572	1,276,082	1,028 0.081%
252	64.391	1,454,624	766 0.053%
500	64.985	2,885,455	868 0.030%

8.2.16.4.2. Ethernet Frames: 2



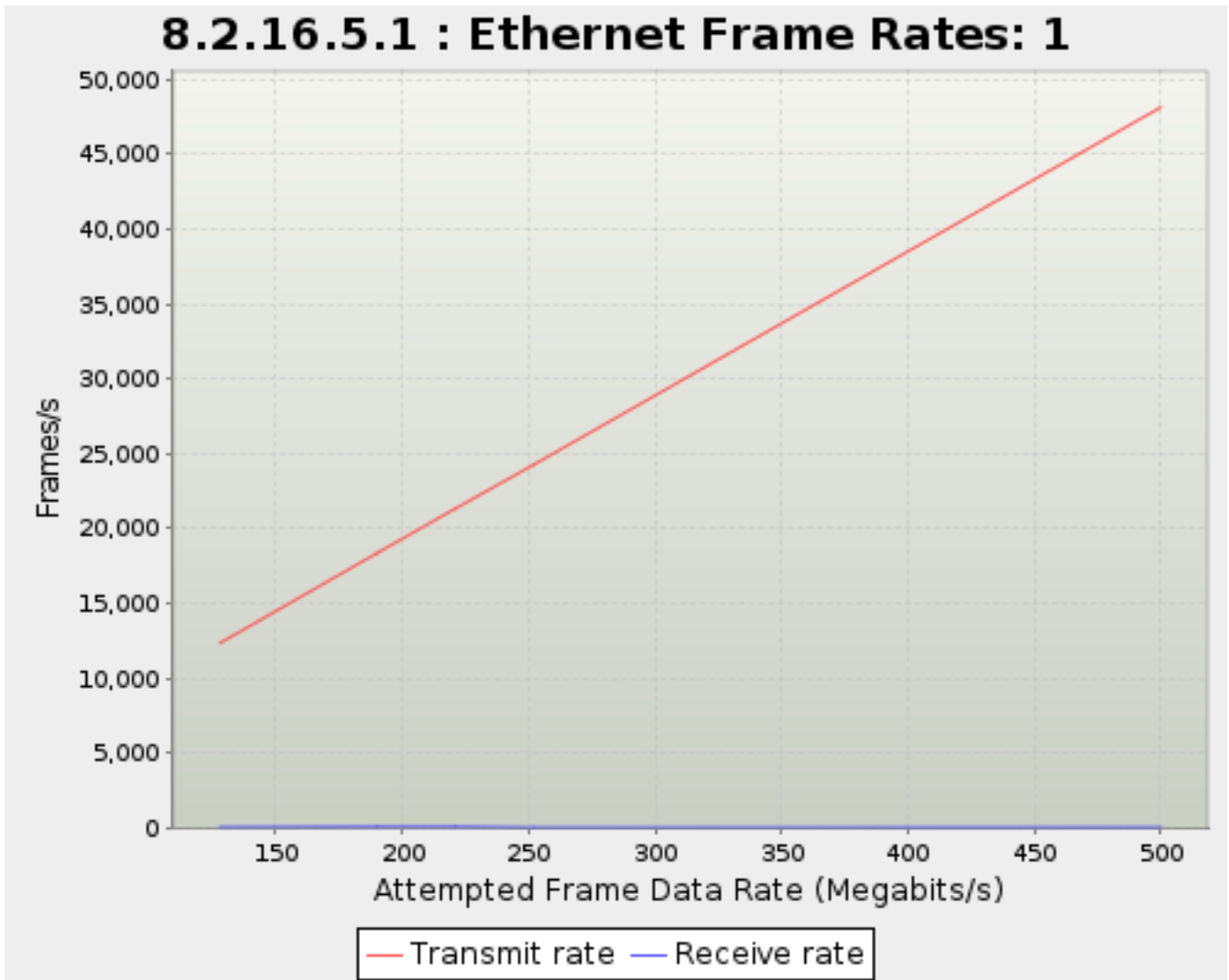
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
128	64.864	65	738,618 1136335.385%
190	64.713	65	1,096,339 1686675.385%
221	64.572	127	1,275,239 1004125.197%
252	64.391	127	1,453,985 1144870.079%
500	64.985	65	2,882,966 4435332.308%

8.2.16.5. Ethernet Frame Rates



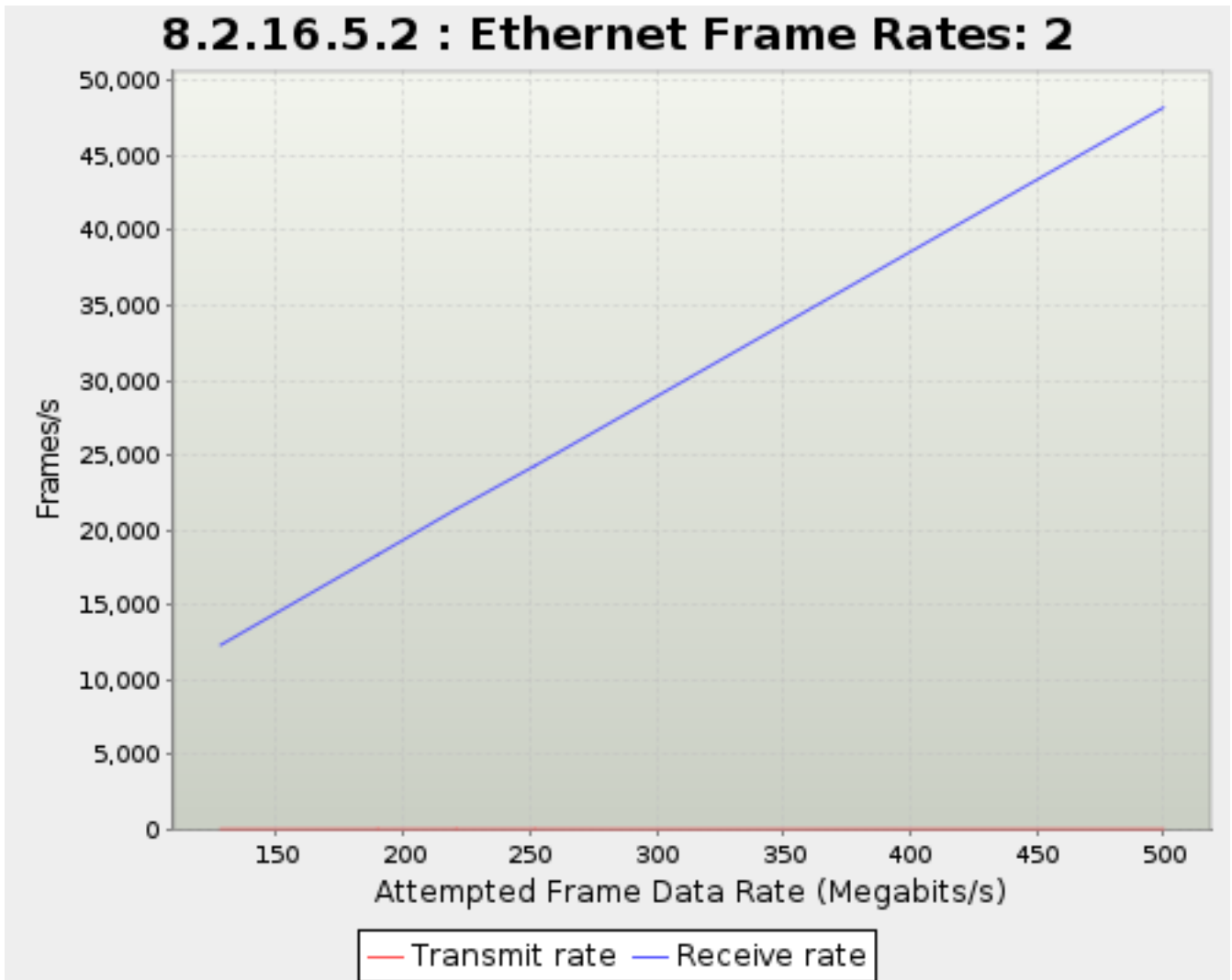
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate
128	64.864	~12400	~12400
190	64.713	~18390	~18460
221	64.572	~21370	~21510
252	64.391	~24300	~24350
500	64.985	~48160	~48280

8.2.16.5.1. Ethernet Frame Rates: 1



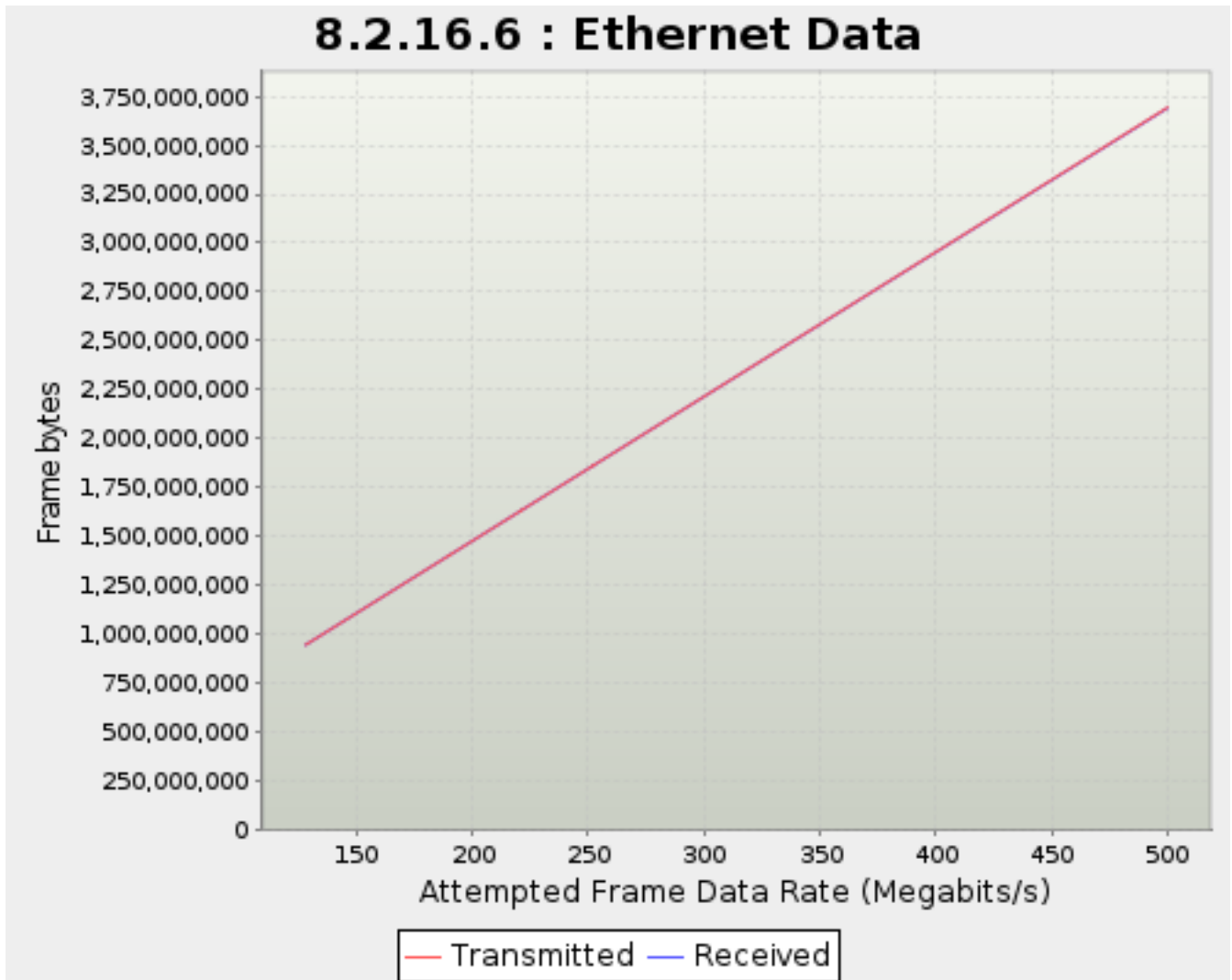
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	64.864	~12370	61.90
190	64.713	~18360	91.22
221	64.572	~21340	91.22
252	64.391	~24270	41.10
500	64.985	~48130	50.61

8.2.16.5.2. Ethernet Frame Rates: 2



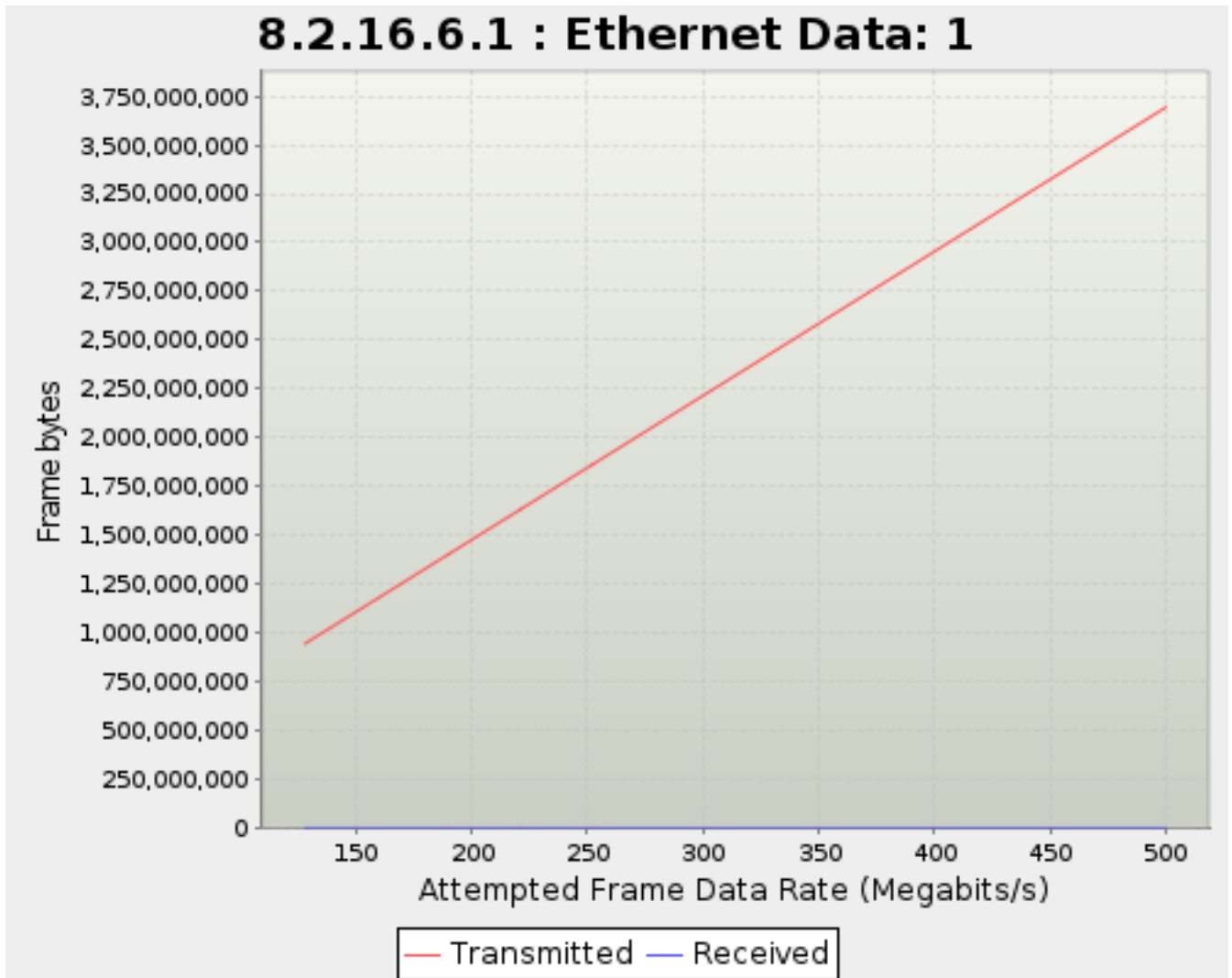
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
128	64.864	31.07	~12340
190	64.713	31.07	~18370
221	64.572	32.40	~21420
252	64.391	32.08	~24310
500	64.985	30.76	~48230

8.2.16.6. Ethernet Data



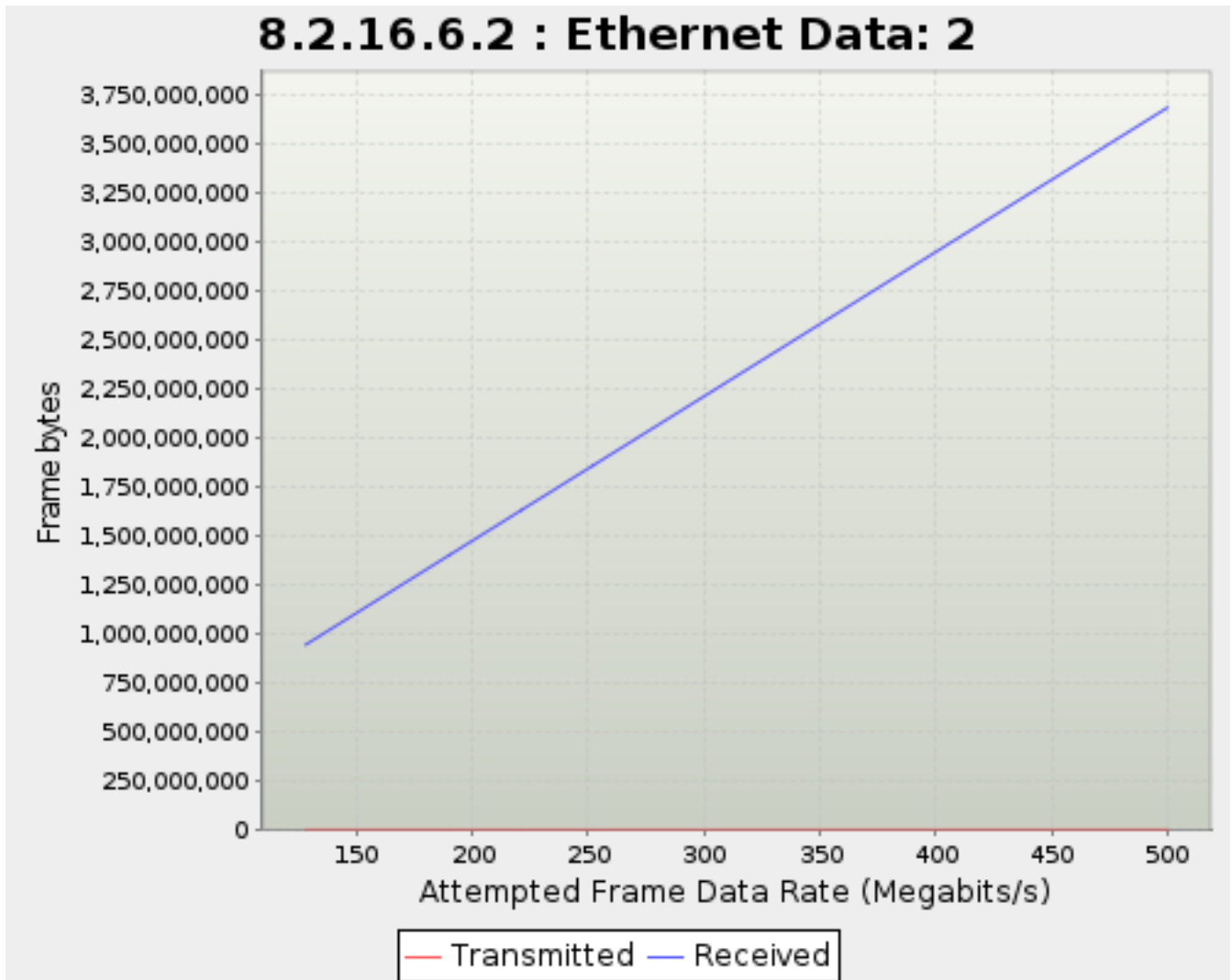
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.864	945,316,032	945,321,449 100.001%
190	64.713	1,403,207,936	1,403,213,457 100.000%
221	64.572	1,632,155,200	1,632,133,865 99.999%
252	64.391	1,861,002,688	1,860,909,521 99.995%
500	64.985	3,692,376,064	3,690,089,358 99.938%

8.2.16.6.1. Ethernet Data: 1



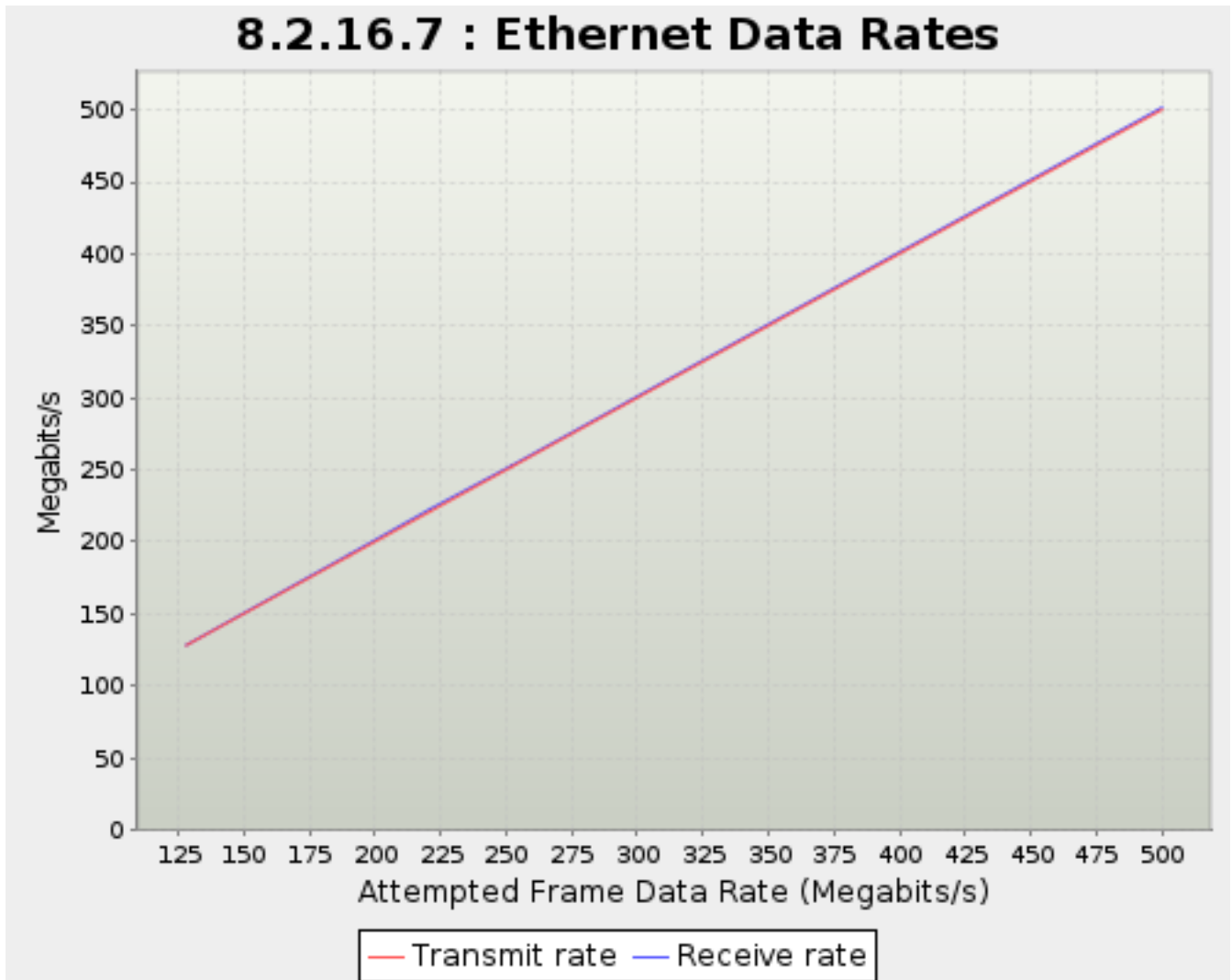
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
128	64.864	945,311,872	52,864 0.006%
190	64.713	1,403,203,776	63,168 0.005%
221	64.572	1,632,147,072	65,792 0.004%
252	64.391	1,860,994,560	49,024 0.003%
500	64.985	3,692,371,904	55,552 0.002%

8.2.16.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received
128	64.864	4,160	945,268,585 22722802.524%
190	64.713	4,160	1,403,150,289 33729574.255%
221	64.572	8,128	1,632,068,073 20079577.670%
252	64.391	8,128	1,860,860,497 22894445.091%
500	64.985	4,160	3,690,033,806 88702735.721%

8.2.16.7. Ethernet Data Rates



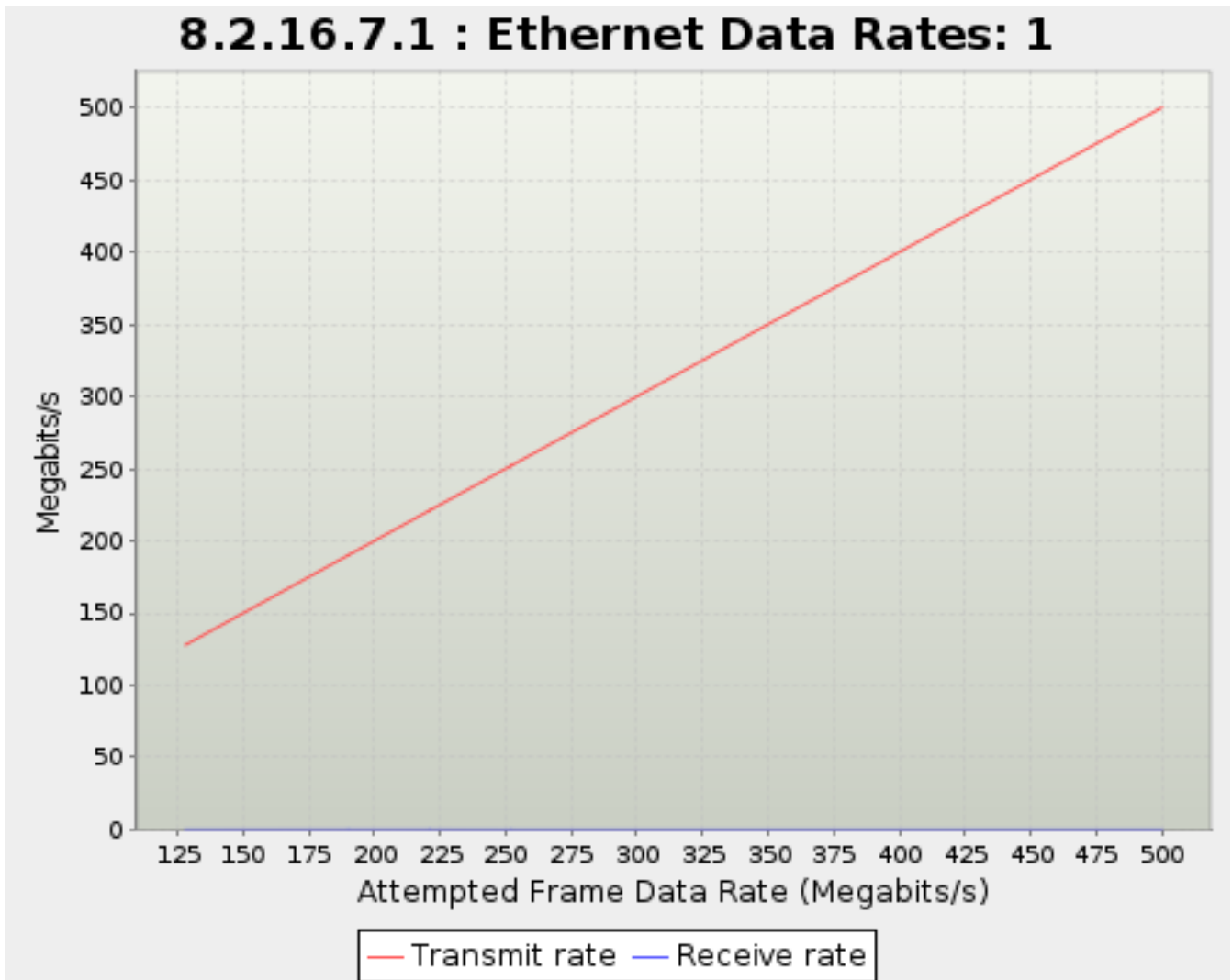
Data Rate shown includes Ethernet overhead.

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	64.864	128.1	128.3
190	64.713	190.1	191.1
221	64.572	221.1	222.8
252	64.391	~252	252.9
500	64.985	500.1	501.6

8.2.16.7.1. Ethernet Data Rates: 1



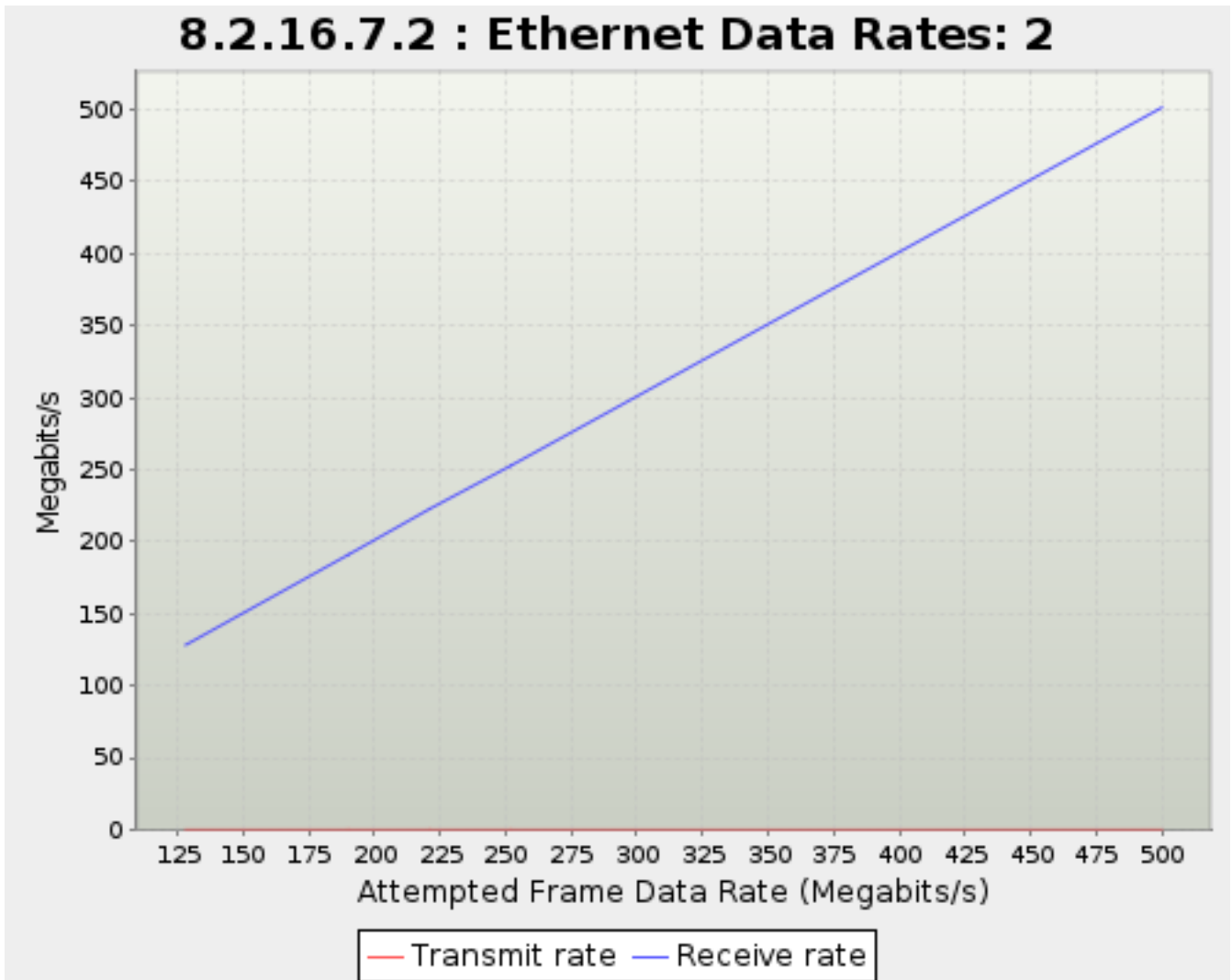
Data Rate shown includes Ethernet overhead.

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	64.864	~128	0.04160
190	64.713	190.1	0.06130
221	64.572	221.1	0.06130
252	64.391	~252	0.02762
500	64.985	~500	0.03401

8.2.16.7.2. Ethernet Data Rates: 2



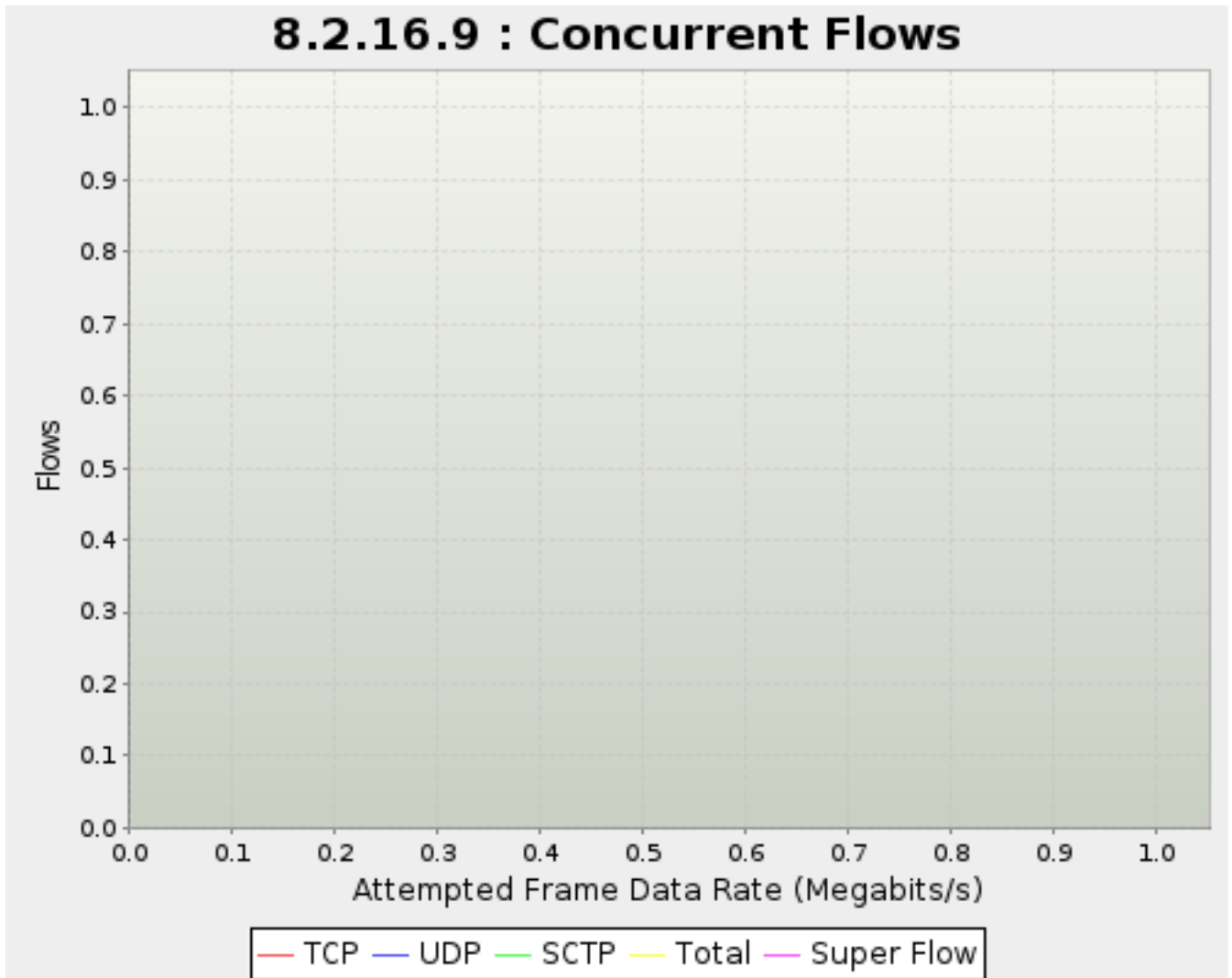
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

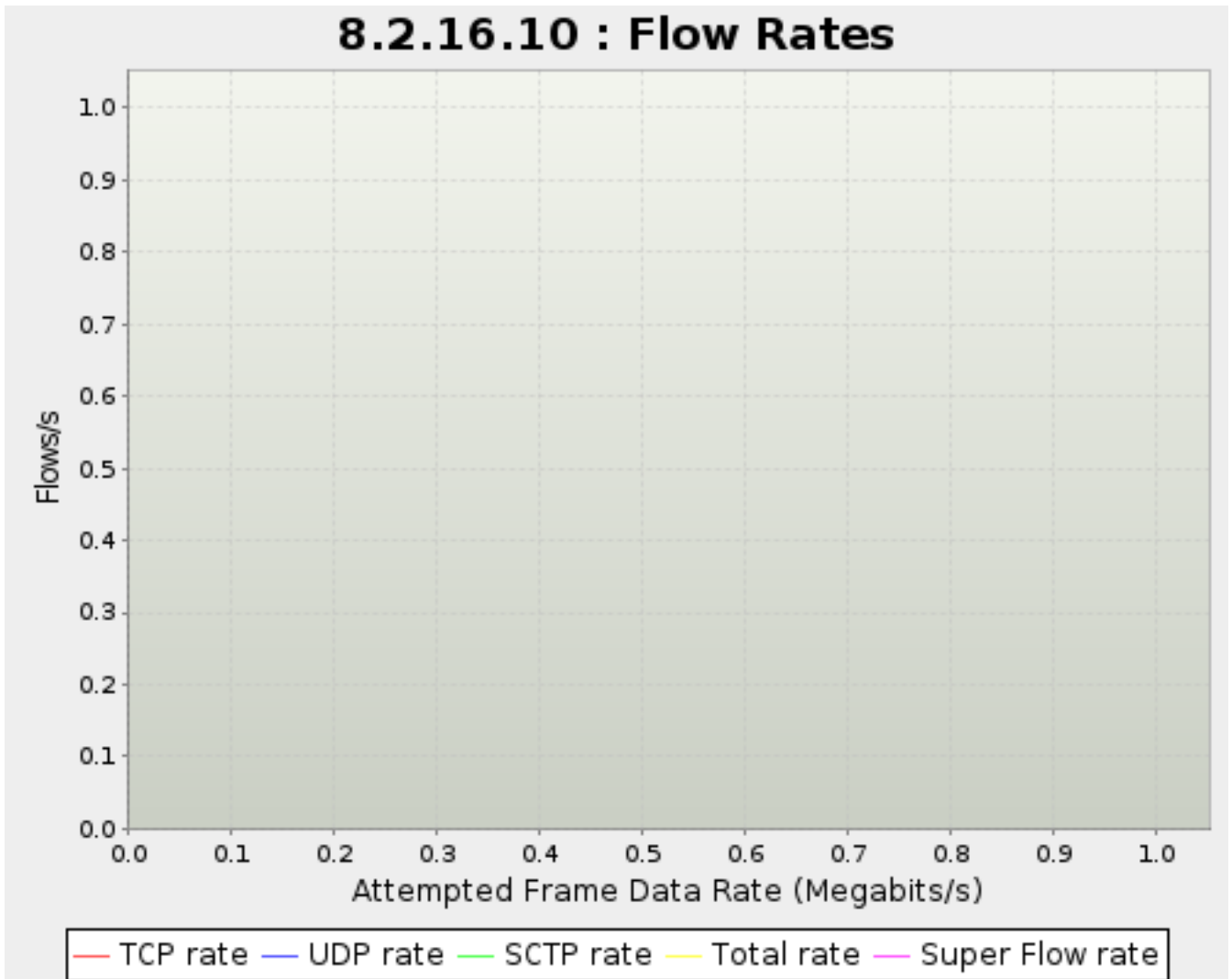
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
128	64.864	0.02088	128.3
190	64.713	0.02088	~191
221	64.572	0.02178	222.8
252	64.391	0.02156	252.9
500	64.985	0.02067	501.5

8.2.16.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
128	63.869	0	0	0	0	0
190	63.792	0	0	0	0	0
221	63.720	0	0	0	0	0
252	63.626	0	0	0	0	0
500	64.936	0	0	0	0	0

8.2.16.10. 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	63.869	0.00	0.00	0.00	0.00	0.00
190	63.792	0.00	0.00	0.00	0.00	0.00
221	63.720	0.00	0.00	0.00	0.00	0.00
252	63.626	0.00	0.00	0.00	0.00	0.00
500	64.936	0.00	0.00	0.00	0.00	0.00

8.2.16.11. 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
190	0		10.201.0.0/16	10.201.0.254	up
190	0		192.168.0.0/16	192.168.0.1	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		10.201.0.0/16	10.201.0.254	up
500	0		192.168.0.0/16	192.168.0.1	up

8.2.16.11.1. 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
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

8.2.16.11.2. 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
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

8.2.16.12. 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	64.864	6	6	901	877	0	24	0	0
190	64.707	6	6	1,062	1,038	0	24	0	0
221	64.577	6	6	1,164	1,139	0	25	0	0
252	64.385	6	6	899	881	0	18	0	0
500	64.991	6	6	943	890	0	53	0	0

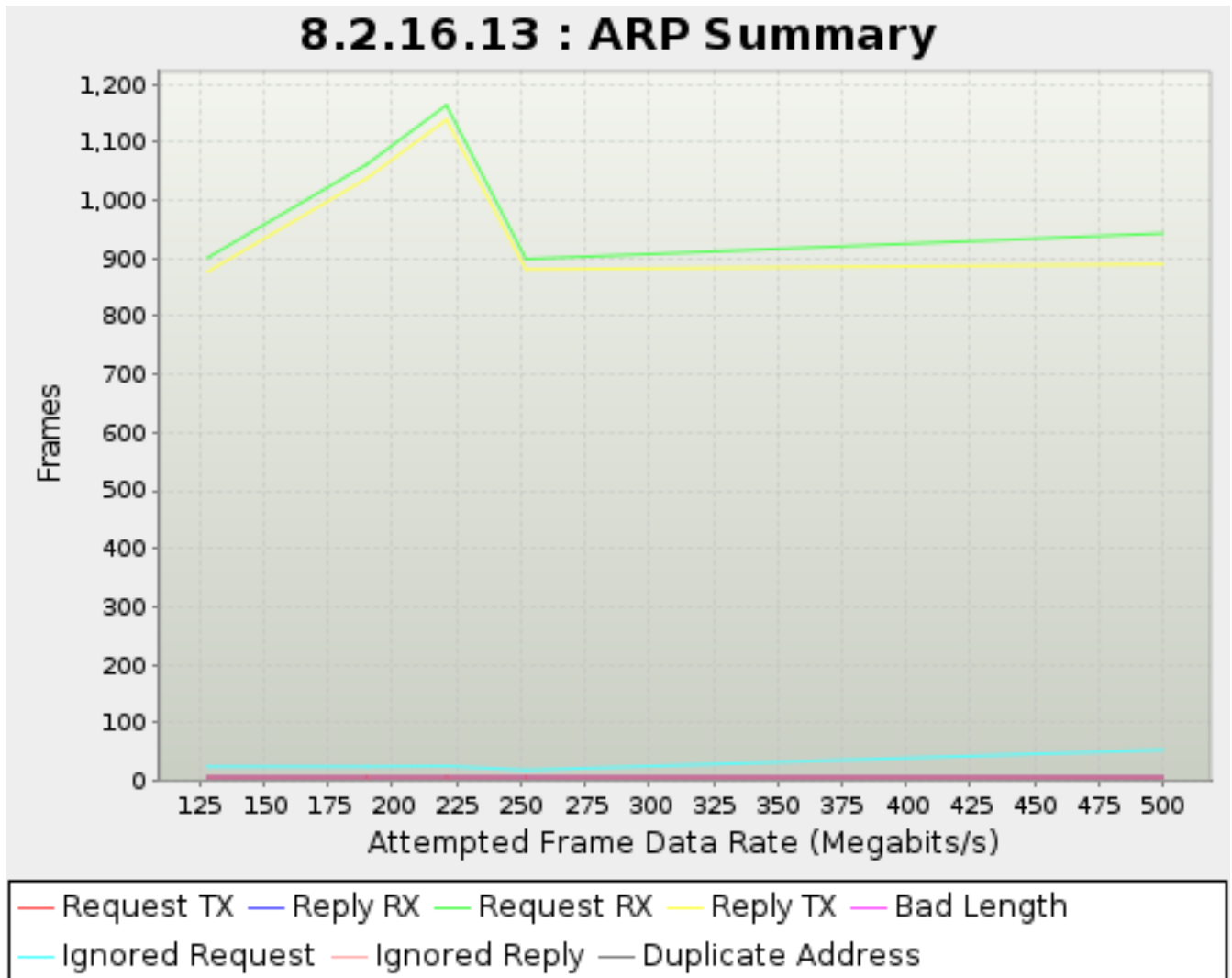
8.2.16.12.1. ARP: 1

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	64.864	3	3	823	815	0	8	0	0
190	64.707	3	3	984	976	0	8	0	0
221	64.577	3	3	1,025	1,015	0	10	0	0
252	64.385	3	3	758	757	0	1	0	0
500	64.991	3	3	865	828	0	37	0	0

8.2.16.12.2. ARP: 2

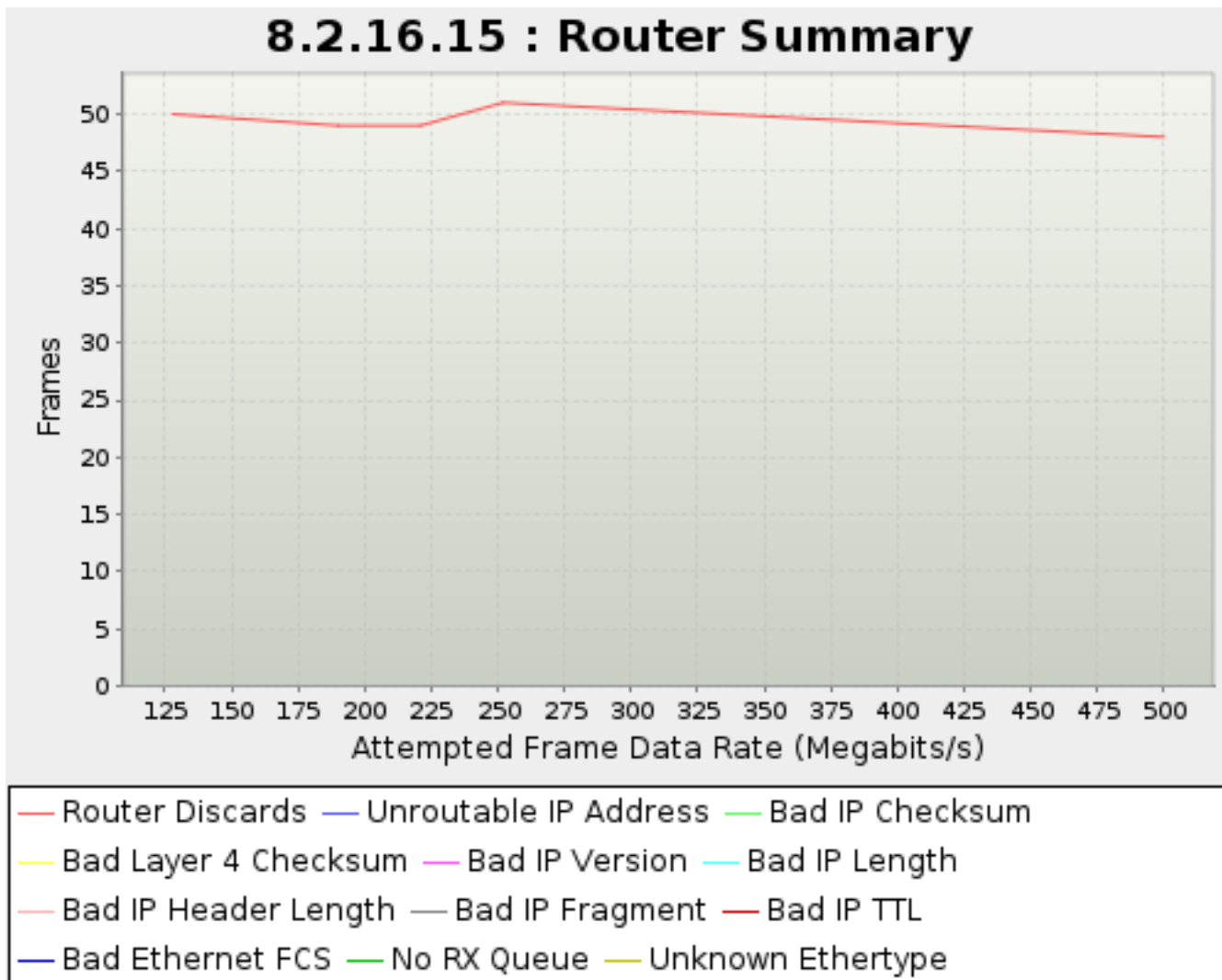
Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
128	64.864	3	3	78	62	0	16	0	0
190	64.707	3	3	78	62	0	16	0	0
221	64.577	3	3	139	124	0	15	0	0
252	64.385	3	3	141	124	0	17	0	0
500	64.991	3	3	78	62	0	16	0	0

8.2.16.13. 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	901	877	0	24	0	0
190	6	6	1,062	1,038	0	24	0	0
221	6	6	1,164	1,139	0	25	0	0
252	6	6	899	881	0	18	0	0
500	6	6	943	890	0	53	0	0

8.2.16.15. 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	50	0	0	0	0	0	0	0	0	0	0	0
190	49	0	0	0	0	0	0	0	0	0	0	0
221	49	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	48	0	0	0	0	0	0	0	0	0	0	0

8.2.17. System Controller 0 statistics

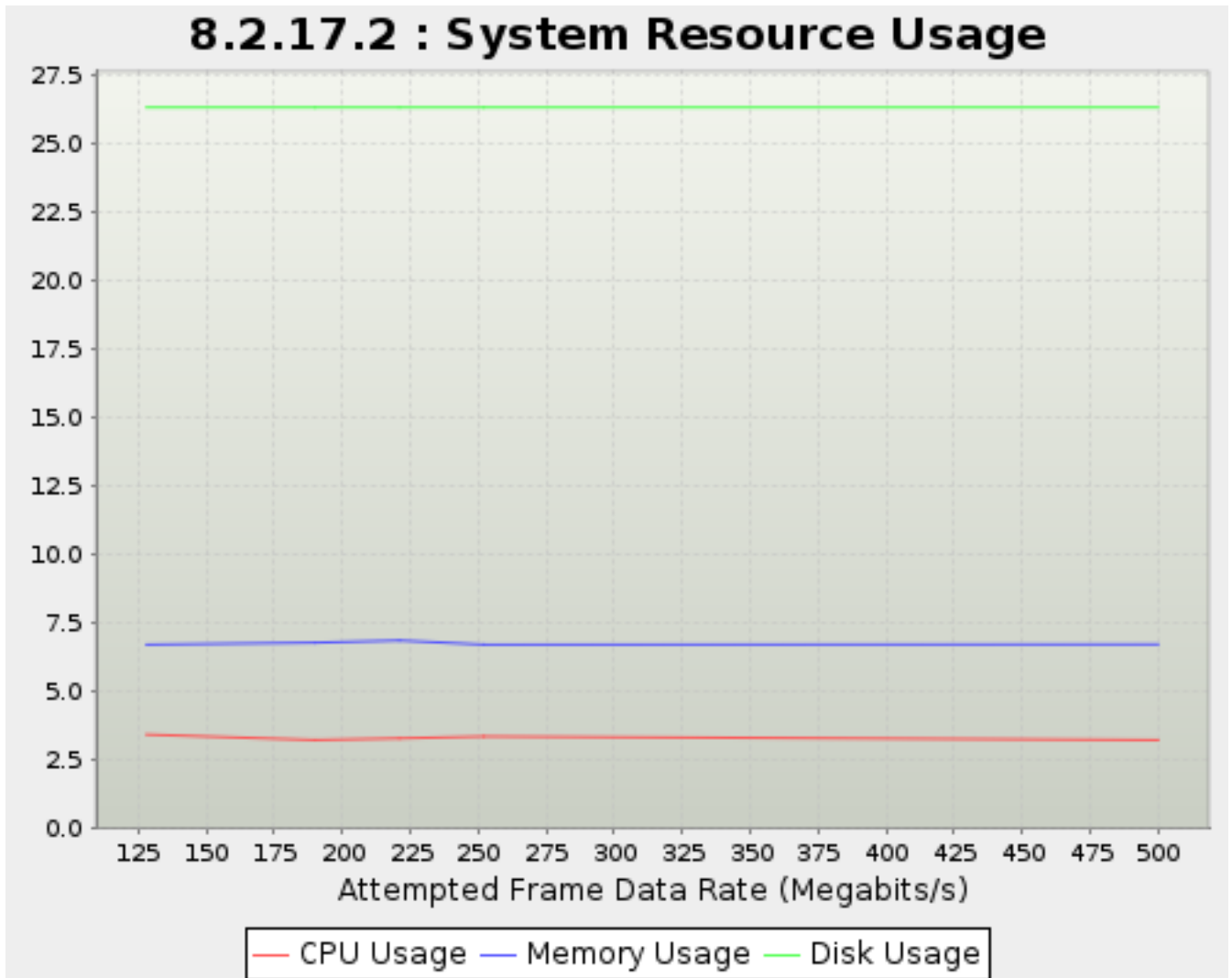
8.2.17.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

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

8.2.17.2. System Resource Usage



Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
128	64.868	3.42	6.71	26.36
190	64.713	3.22	6.78	26.36
221	64.578	3.28	6.86	26.36
252	64.386	3.35	6.71	26.36
500	65.033	3.22	6.72	26.36

9. Frame Rate: 1024

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	501 Mbps	failed
252 Mbps	252 Mbps	Achieved
376 Mbps	379 Mbps	failed
314 Mbps	314 Mbps	failed
283 Mbps	283 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

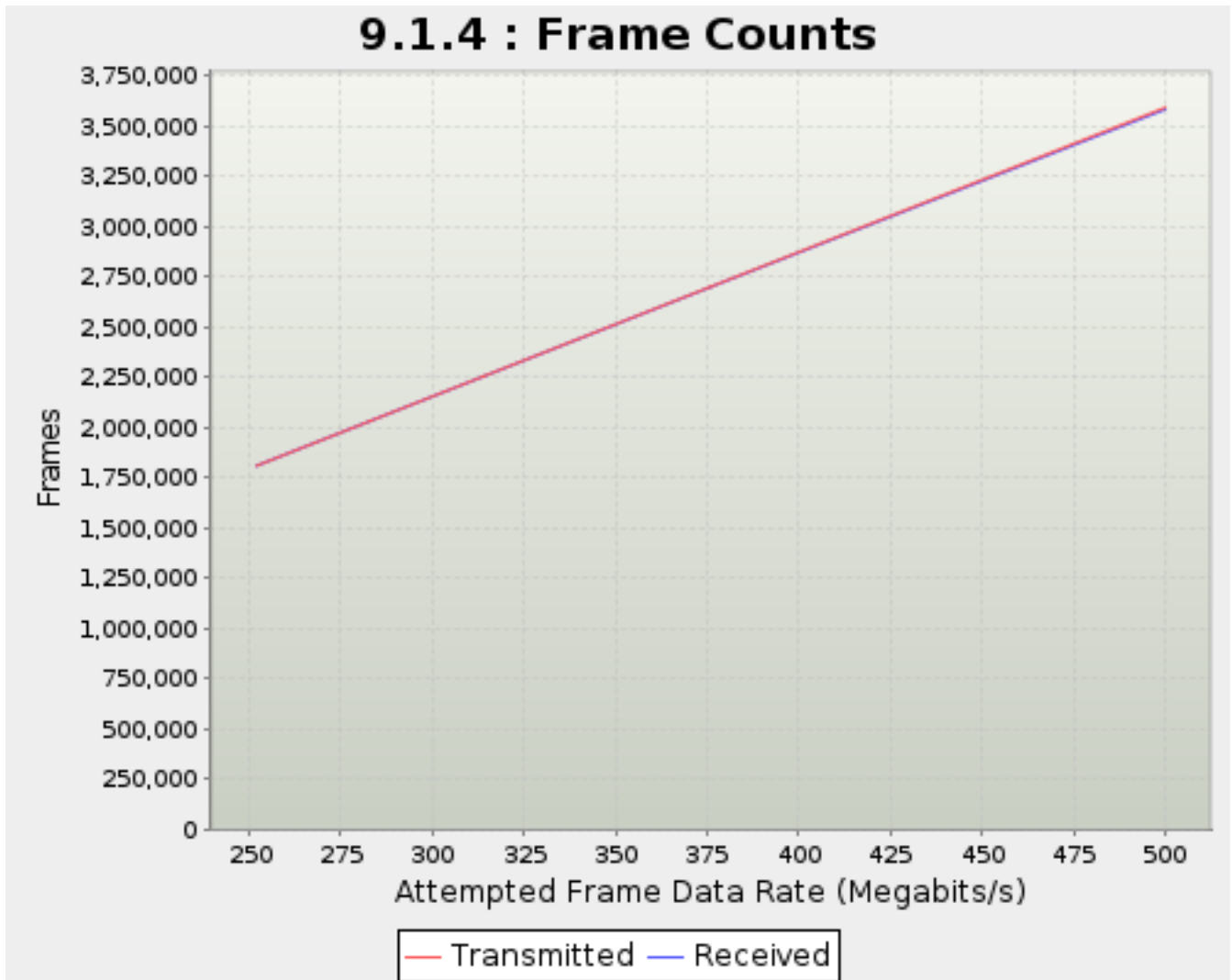
Number	Description
1	No predefined test criteria.

9.1.3. Traffic Appearance

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

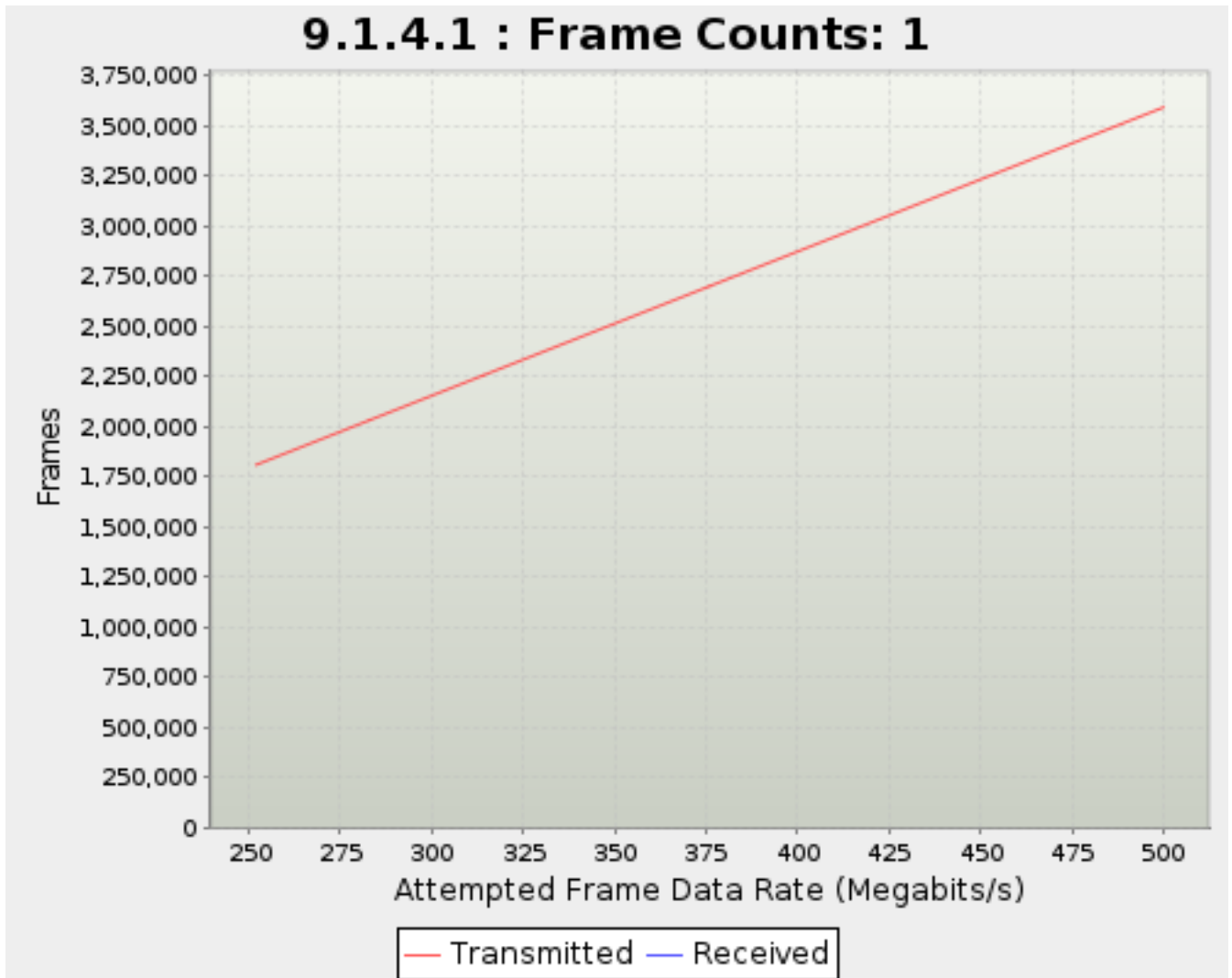
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

9.1.4. Frame Counts



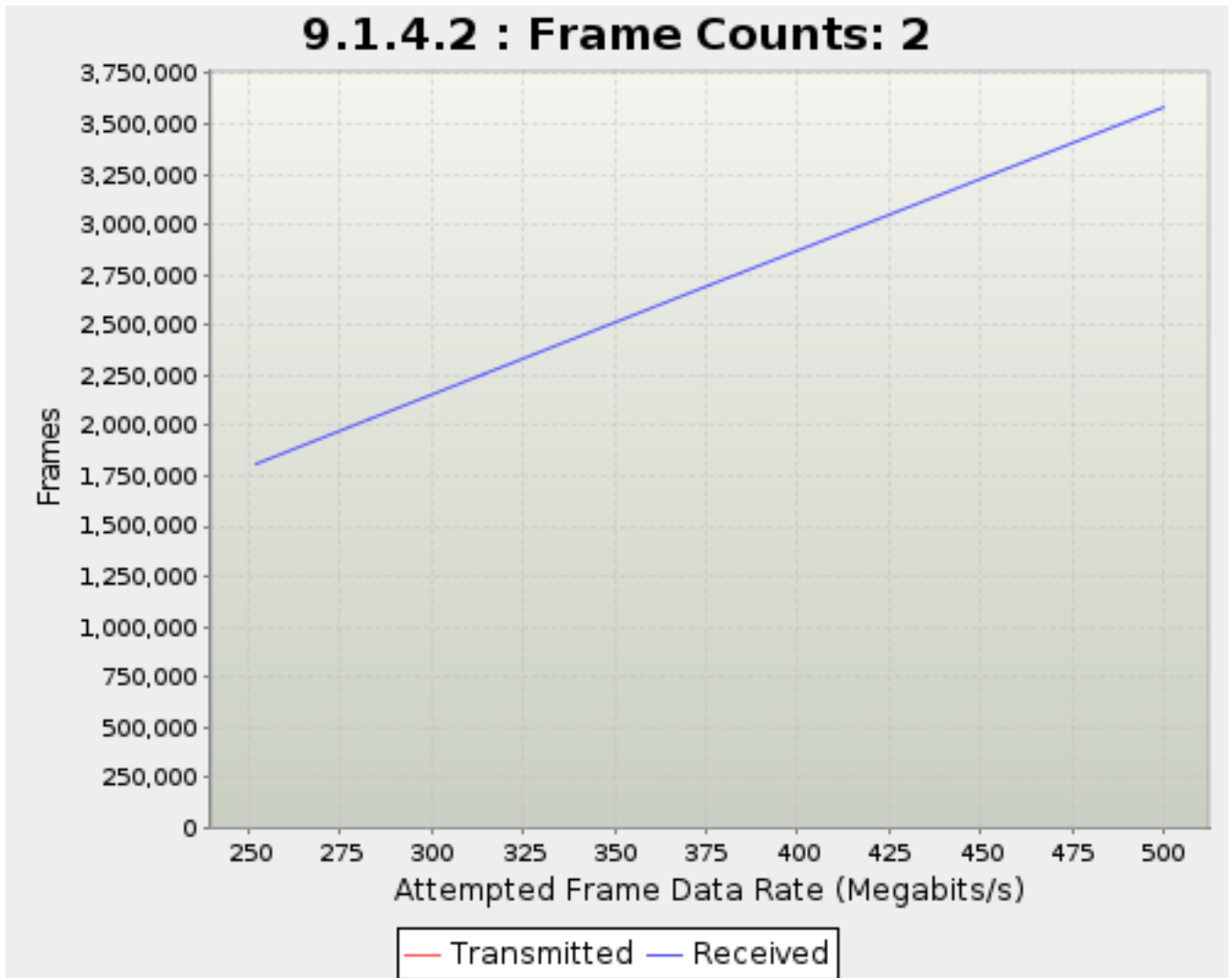
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
252	63.756	1,810,320	1,810,320
283	63.020	2,033,040	2,033,005
314	63.786	2,255,700	2,255,084
376	63.101	2,701,140	2,699,986
500	63.423	3,591,900	3,582,889

9.1.4.1. Frame Counts: 1



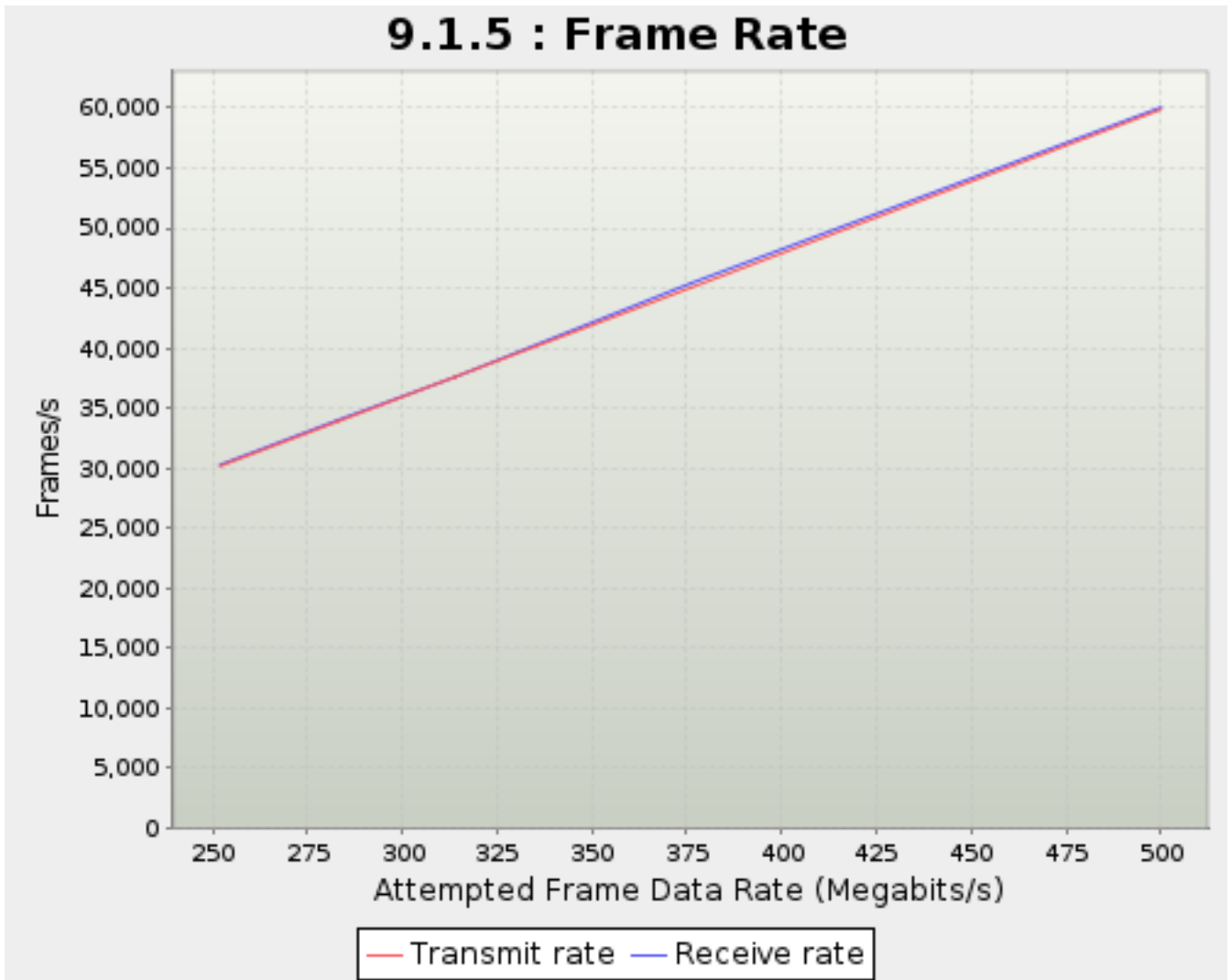
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
252	63.756	1,810,320	0
283	63.020	2,033,040	0
314	63.786	2,255,700	0
376	63.101	2,701,140	0
500	63.423	3,591,900	0

9.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
252	63.756	0	1,810,320
283	63.020	0	2,033,005
314	63.786	0	2,255,084
376	63.101	0	2,699,986
500	63.423	0	3,582,889

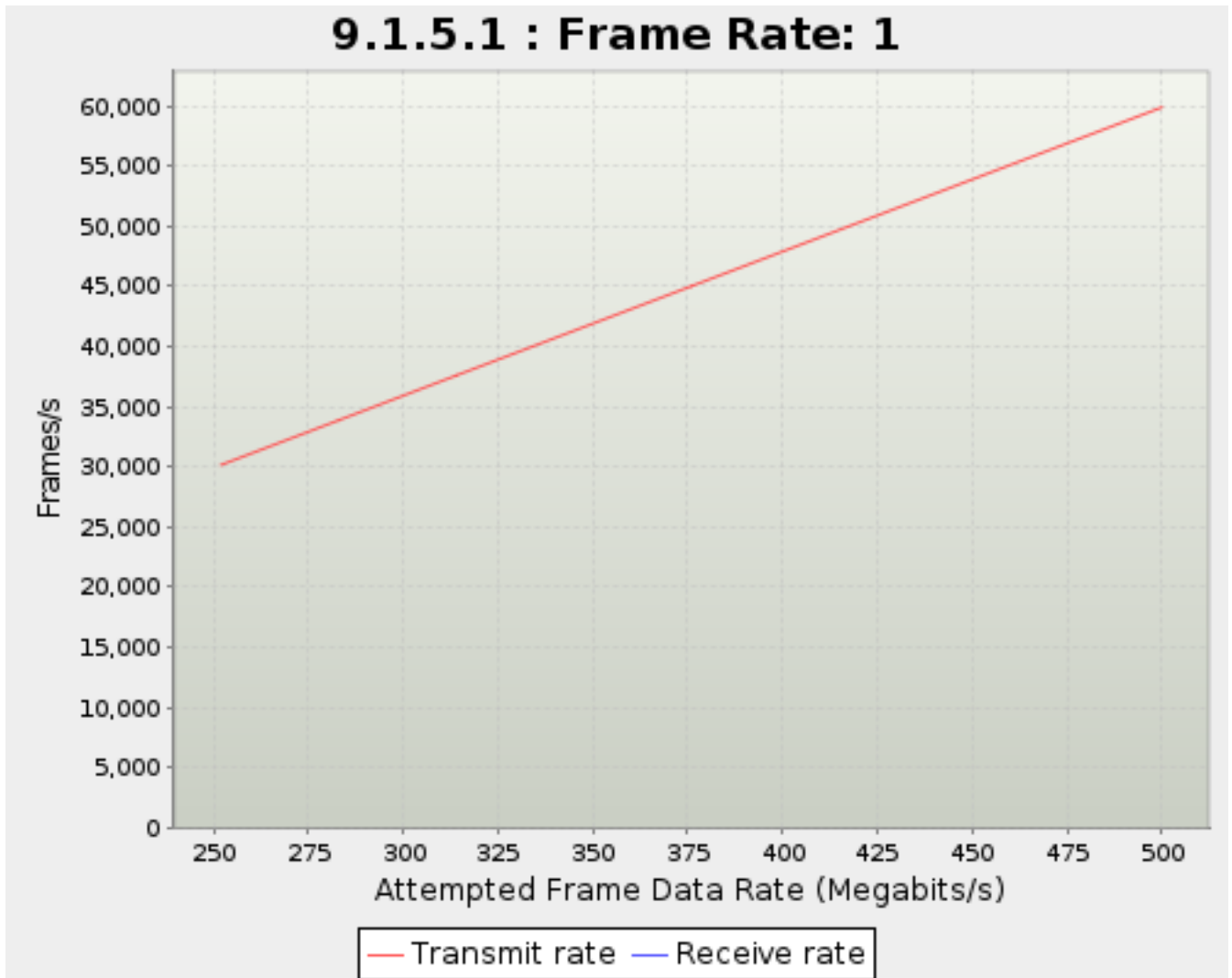
9.1.5. Frame Rate



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>
252	63.756	~30170	~30280
283	63.020	~33880	~34000
314	63.786	~37600	~37600
376	63.101	~45020	~45390
500	63.423	~59870	~60050

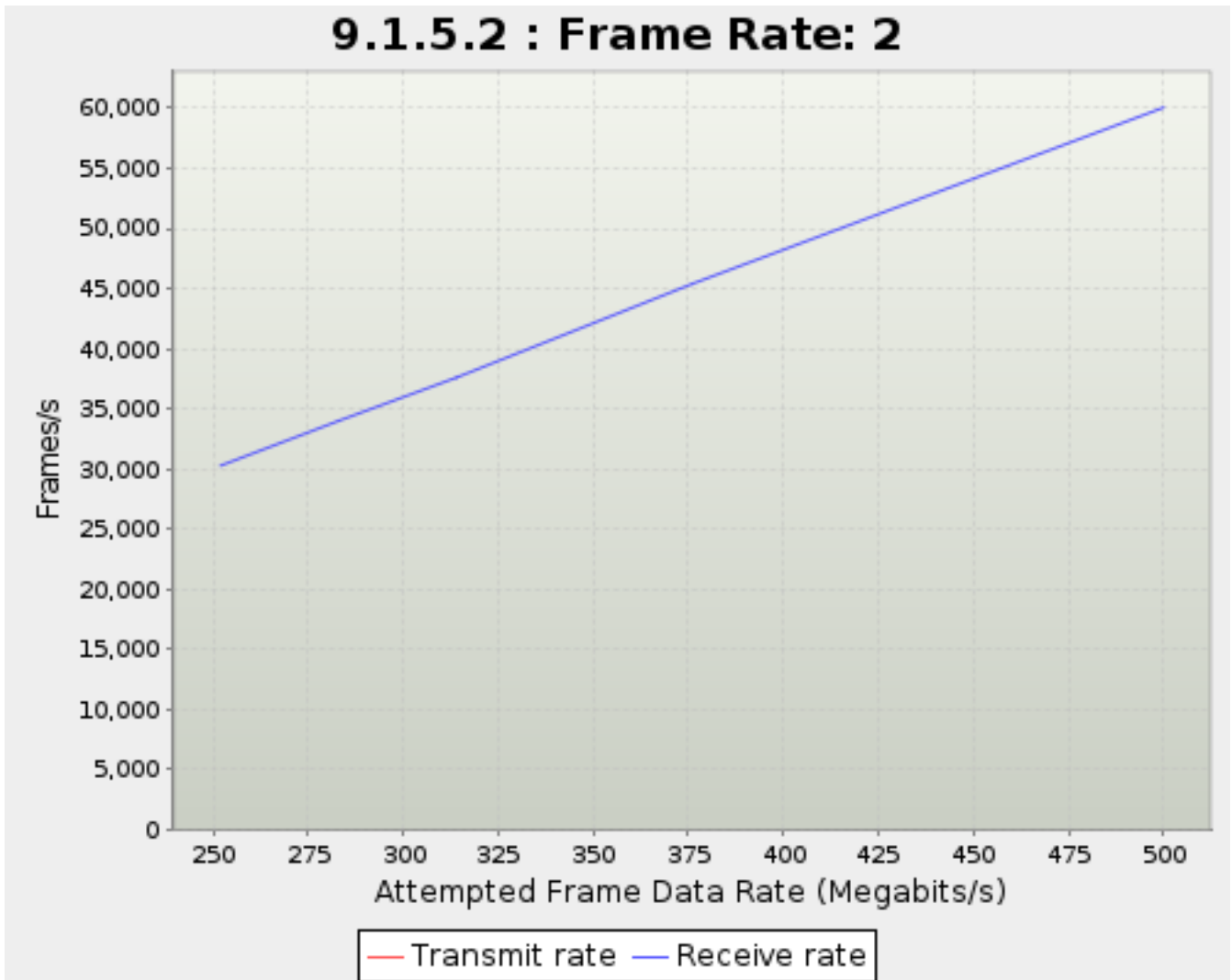
9.1.5.1. Frame Rate: 1



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>
252	63.756	~30170	0.00
283	63.020	~33880	0.00
314	63.786	~37600	0.00
376	63.101	~45020	0.00
500	63.423	~59870	0.00

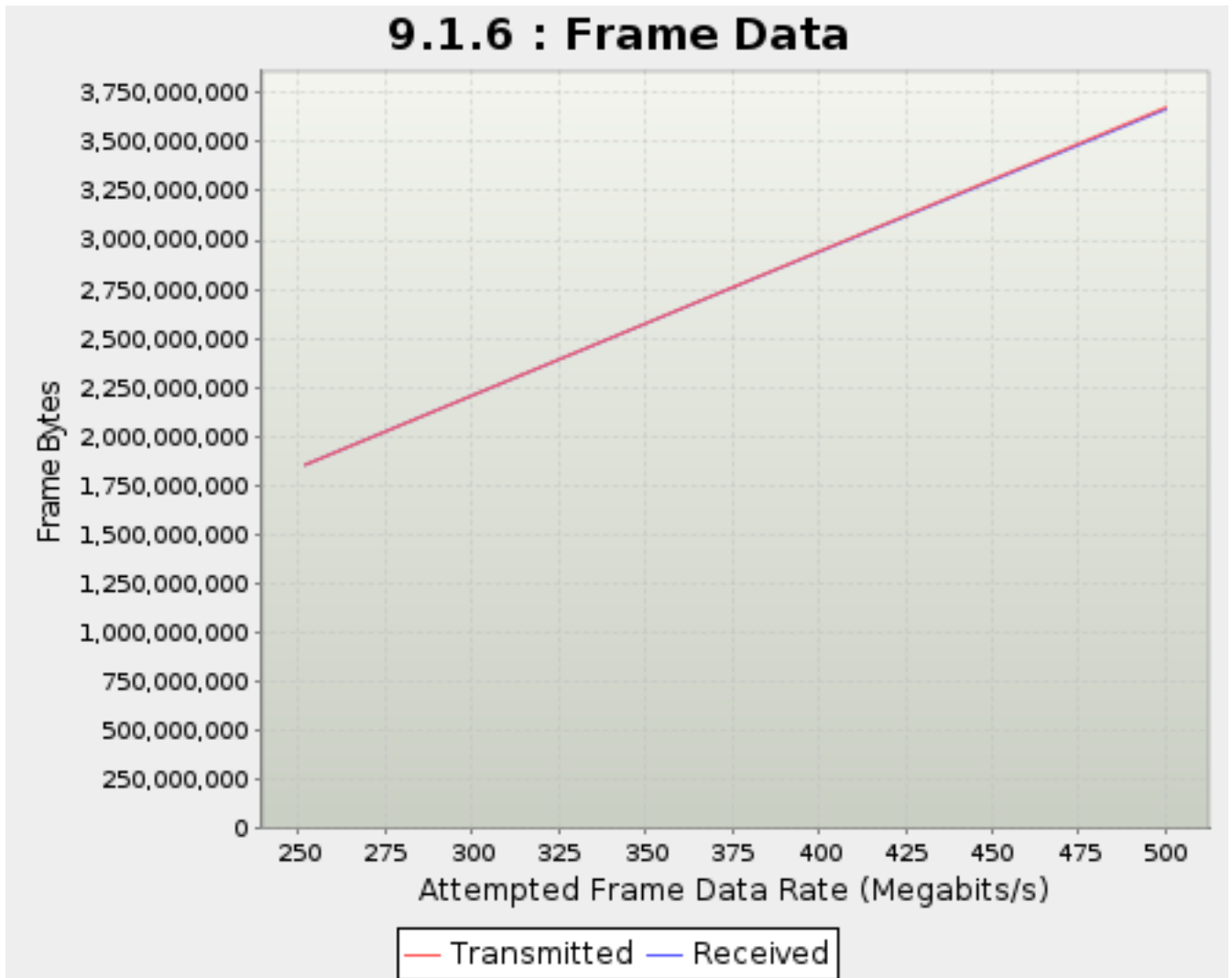
9.1.5.2. Frame Rate: 2



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

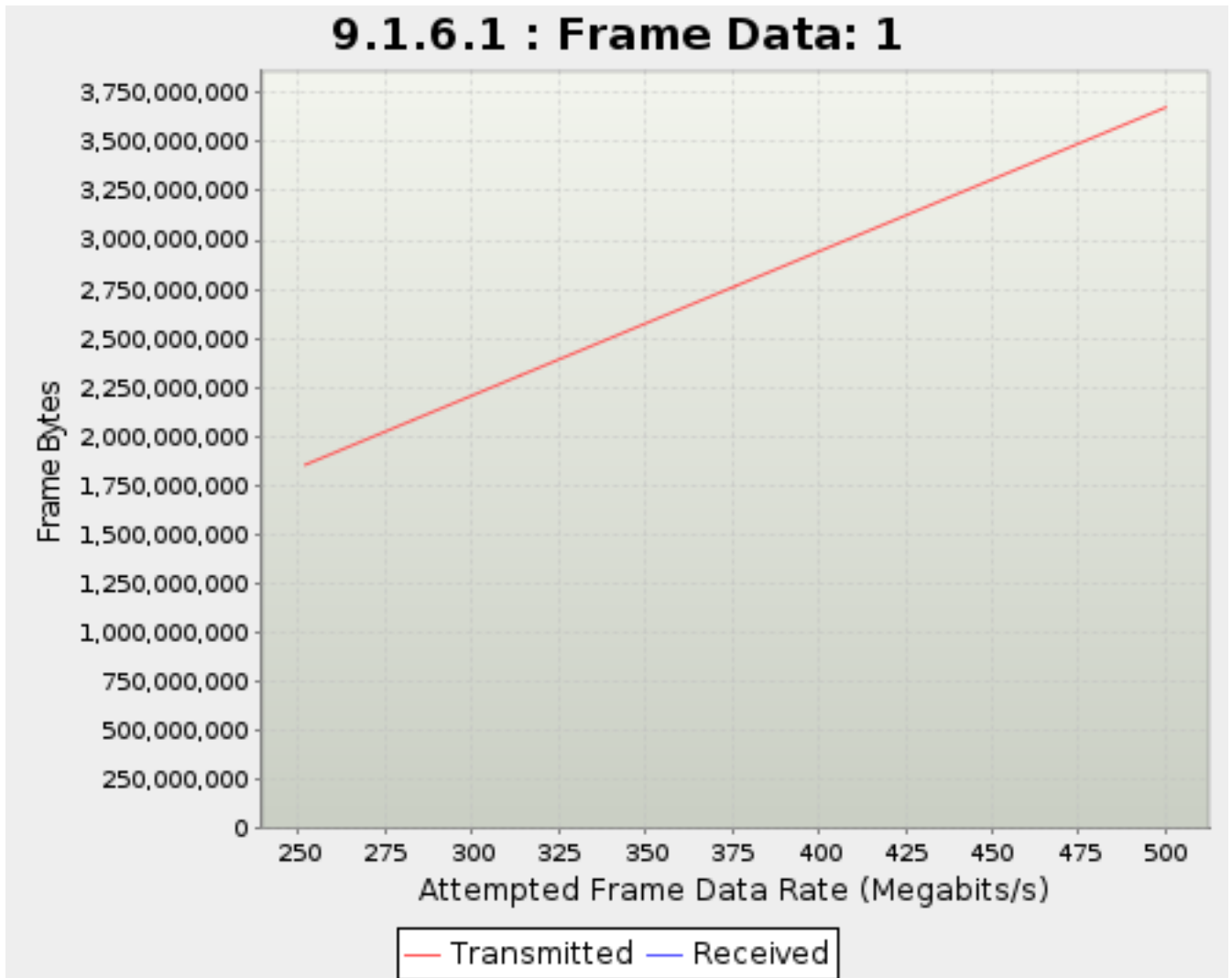
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
252	63.756	0.00	~30280
283	63.020	0.00	~34000
314	63.786	0.00	~37600
376	63.101	0.00	~45390
500	63.423	0.00	~60050

9.1.6. Frame Data



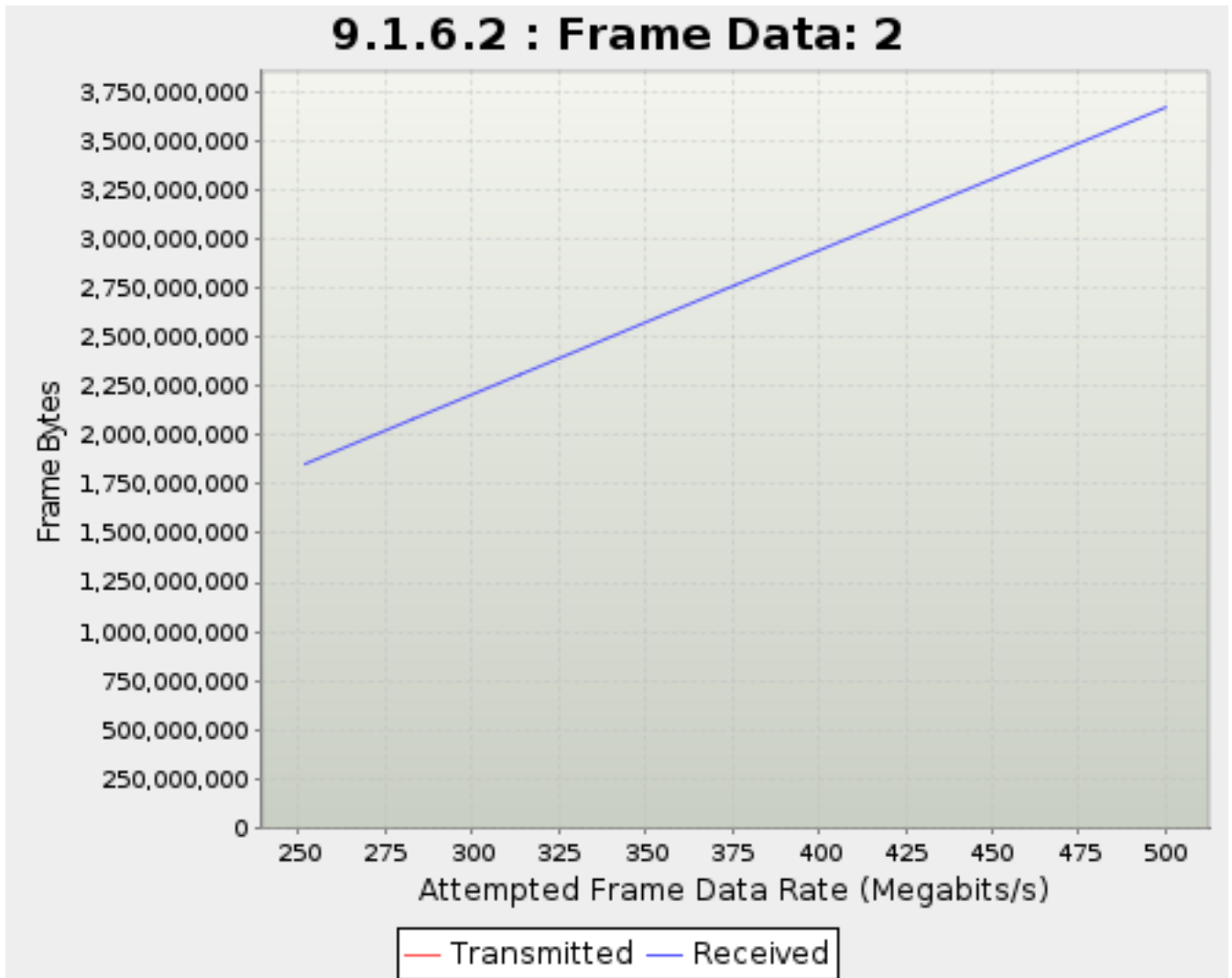
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
252	63.756	1,853,767,680	1,853,767,680
283	63.020	2,081,832,960	2,081,797,120
314	63.786	2,309,836,800	2,309,206,016
376	63.101	2,765,967,360	2,764,785,664
500	63.423	3,678,105,600	3,668,878,336

9.1.6.1. Frame Data: 1



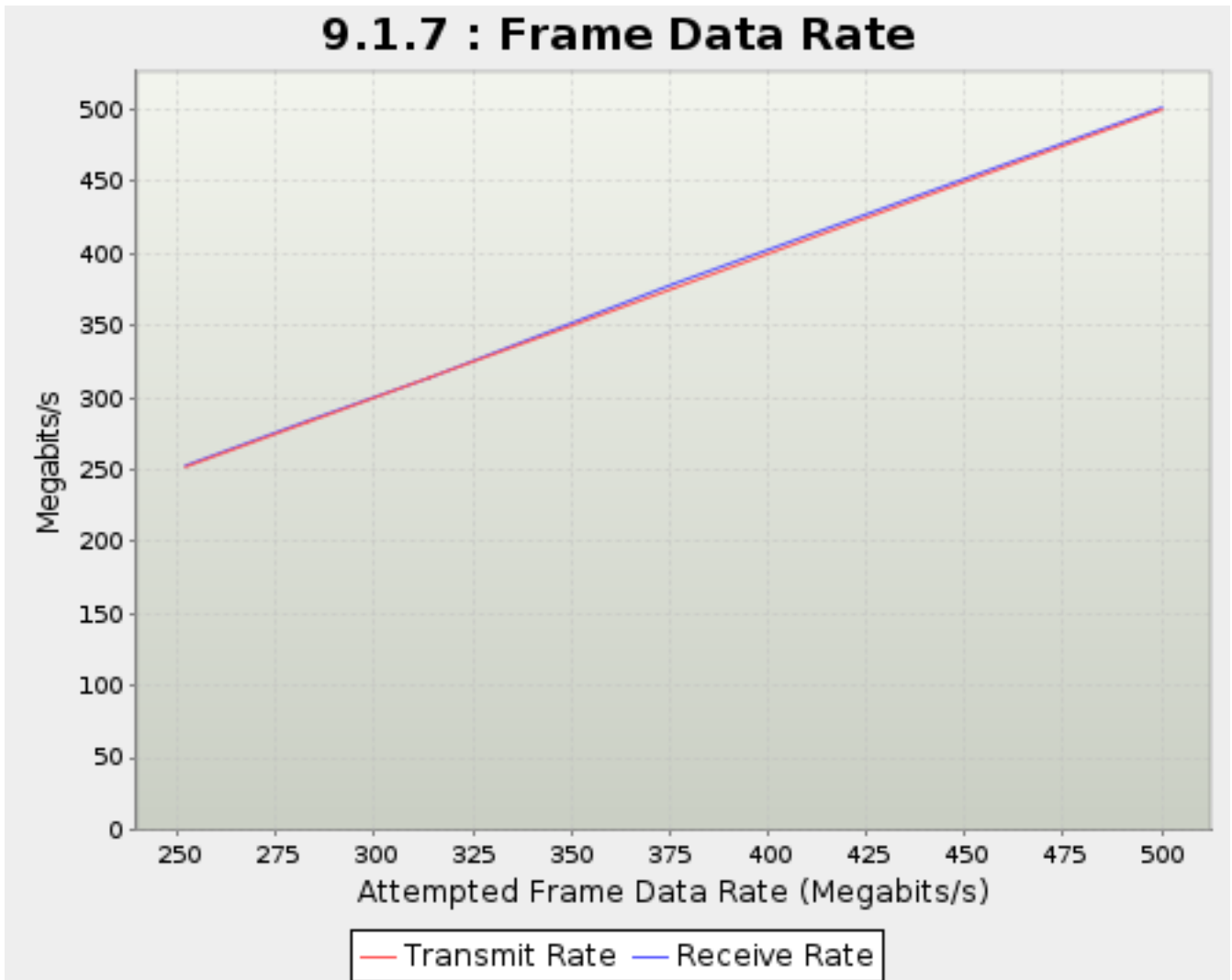
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
252	63.756	1,853,767,680	0
283	63.020	2,081,832,960	0
314	63.786	2,309,836,800	0
376	63.101	2,765,967,360	0
500	63.423	3,678,105,600	0

9.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
252	63.756	0	1,853,767,680
283	63.020	0	2,081,797,120
314	63.786	0	2,309,206,016
376	63.101	0	2,764,785,664
500	63.423	0	3,668,878,336

9.1.7. Frame Data Rate



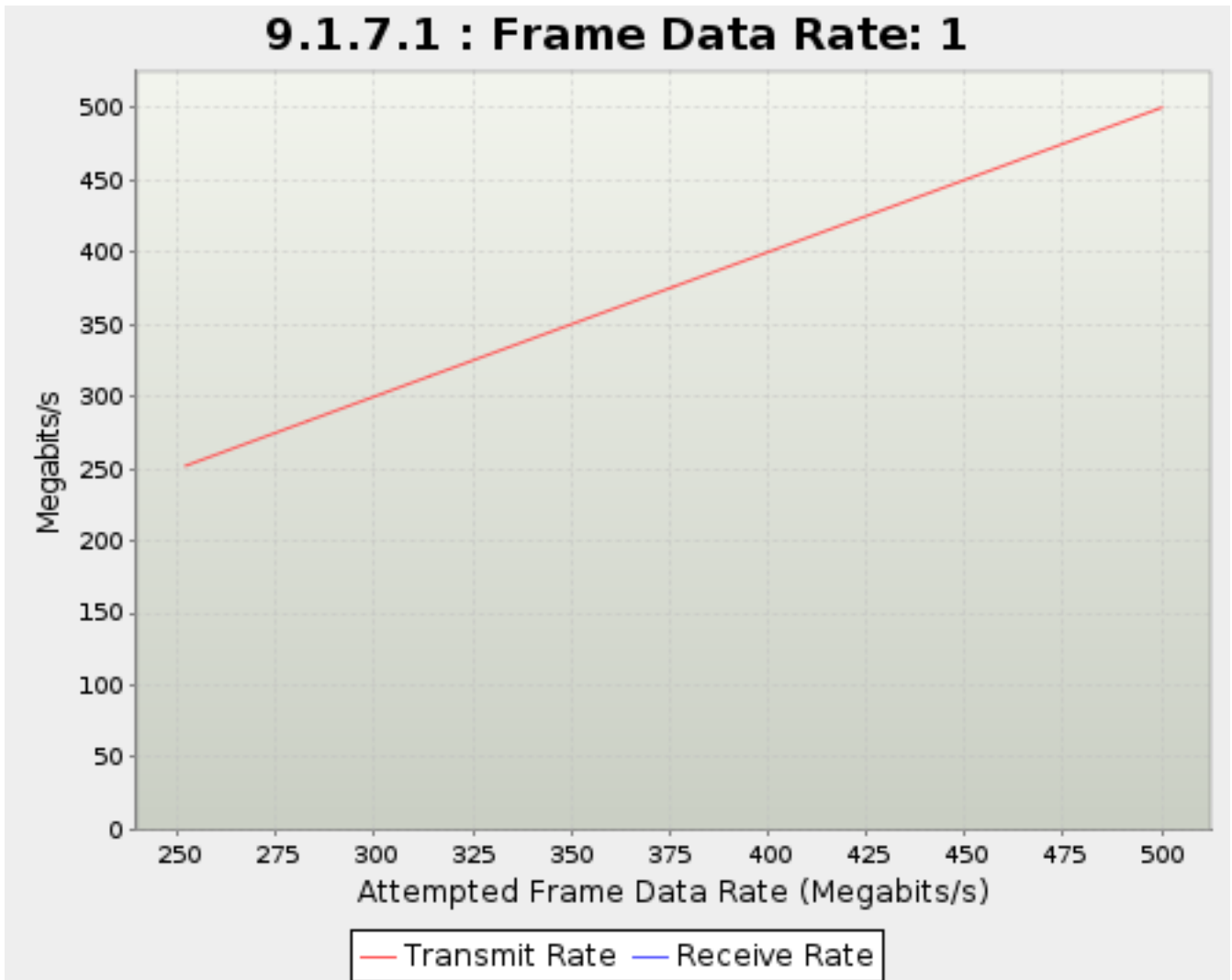
Data Rate shown includes Ethernet overhead.

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>
252	63.756	~252	252.9
283	63.020	~283	~284
314	63.786	~314	~314
376	63.101	~376	379.1
500	63.423	~500	501.5

9.1.7.1. Frame Data Rate: 1



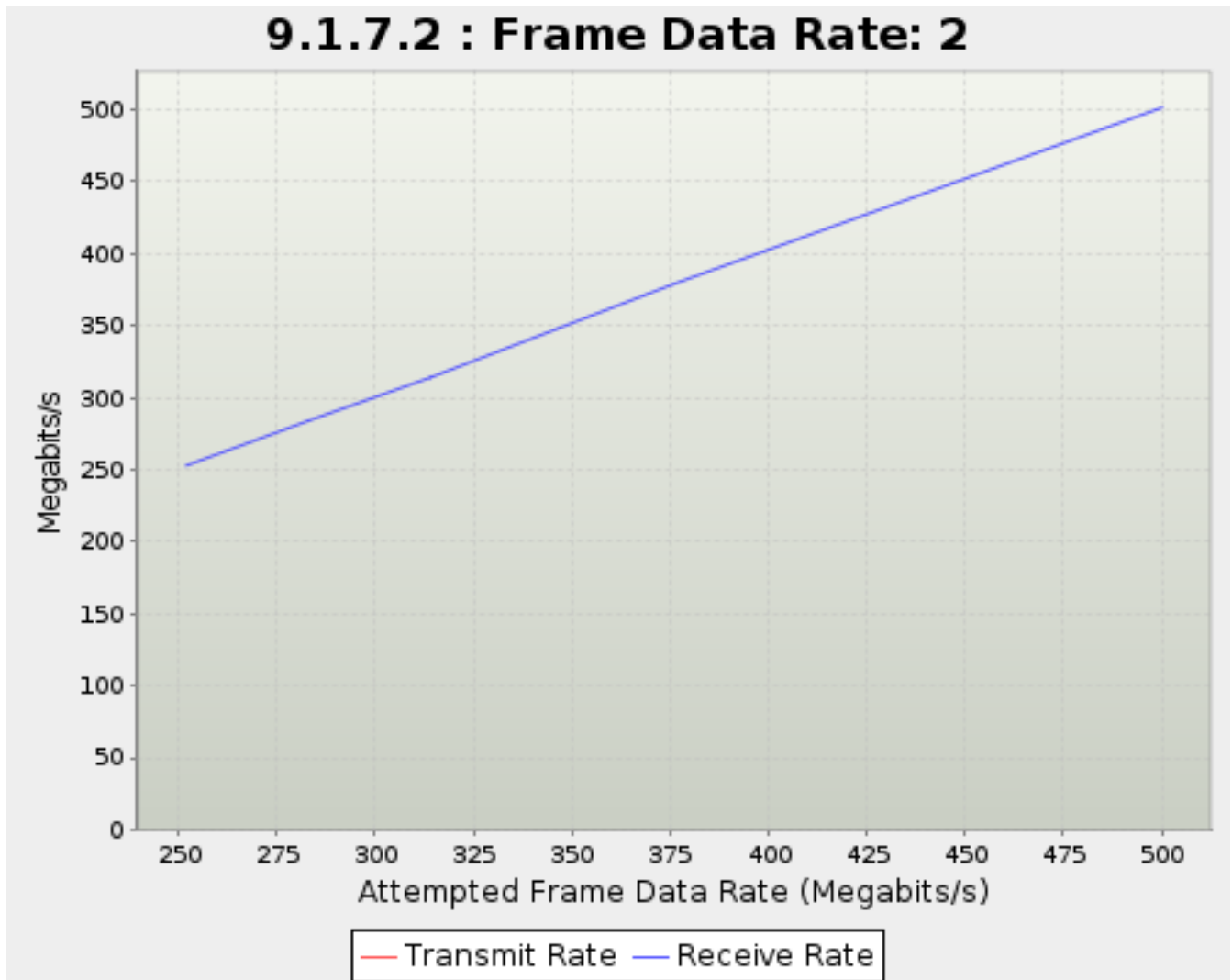
Data Rate shown includes Ethernet overhead.

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>
252	63.756	~252	0
283	63.020	~283	0
314	63.786	~314	0
376	63.101	~376	0
500	63.423	~500	0

9.1.7.2. Frame Data Rate: 2



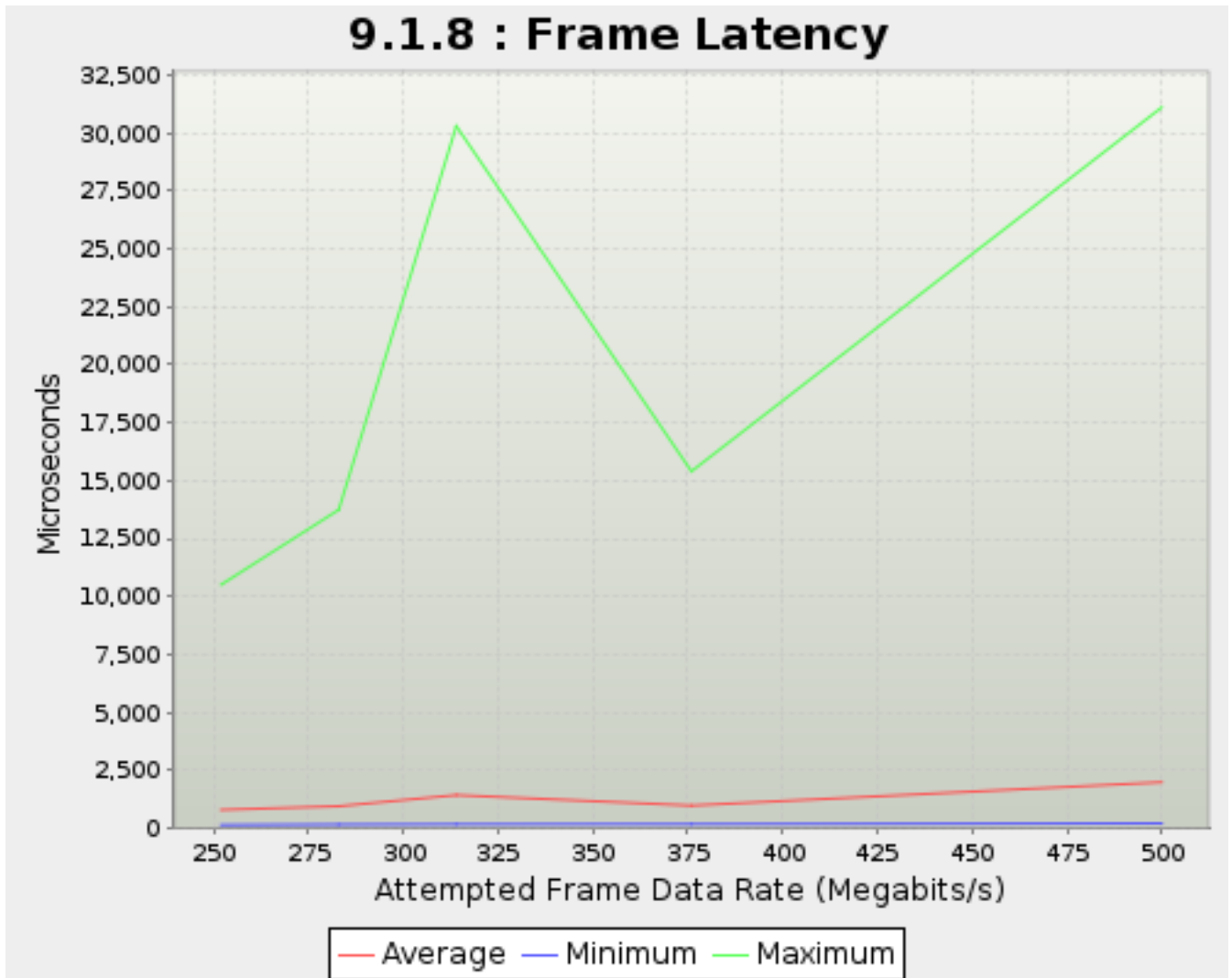
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

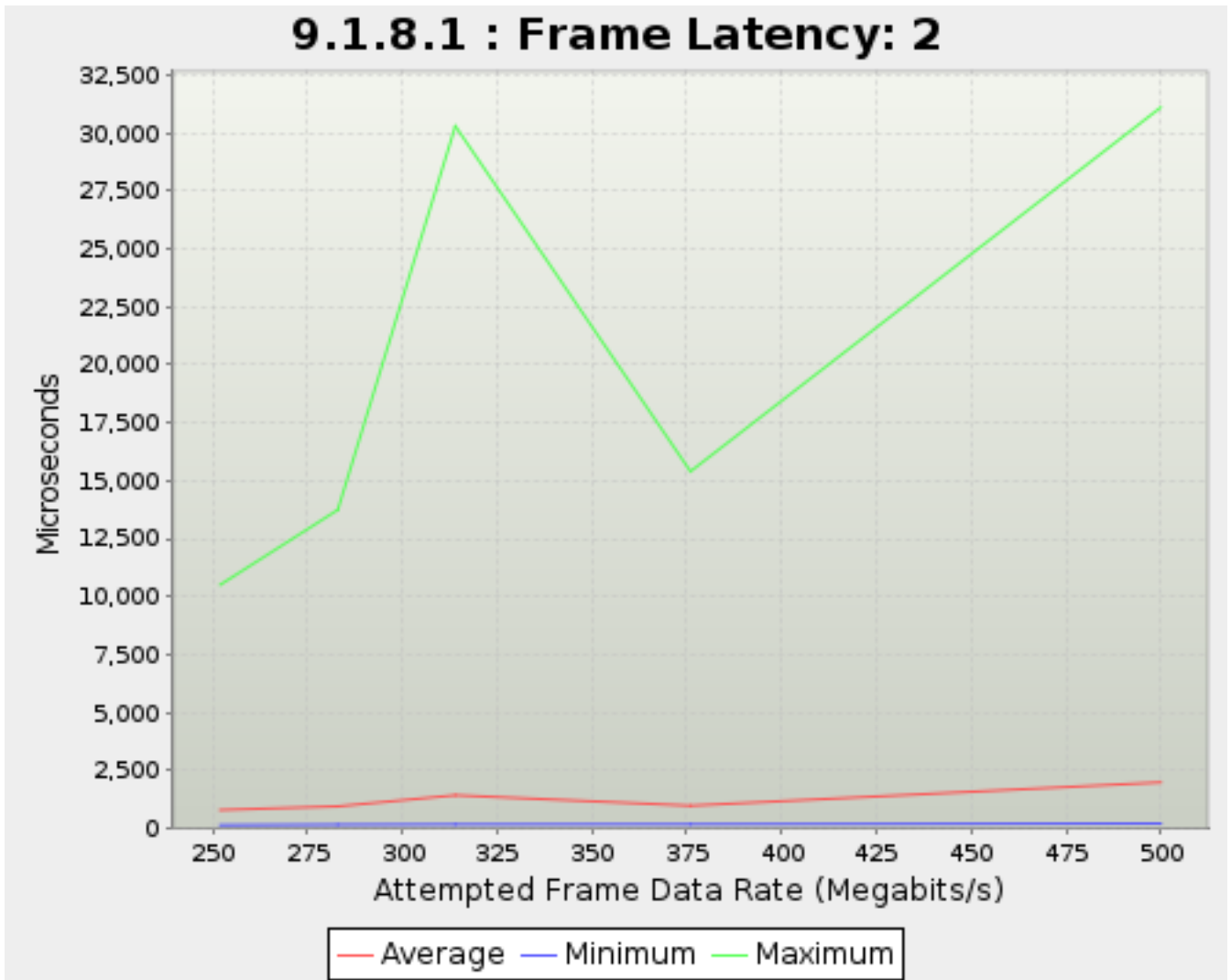
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
252	63.756	0	252.9
283	63.020	0	~284
314	63.786	0	~314
376	63.101	0	379.1
500	63.423	0	501.5

9.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
252	63.756	785.414	129.780	10,506.620
283	63.020	941.921	151.700	13,743.030
314	63.786	1,422.049	163.670	30,311.141
376	63.101	970.851	169.630	15,400.940
500	63.423	1,976.421	199.740	31,115.340

9.1.8.1. Frame Latency: 2

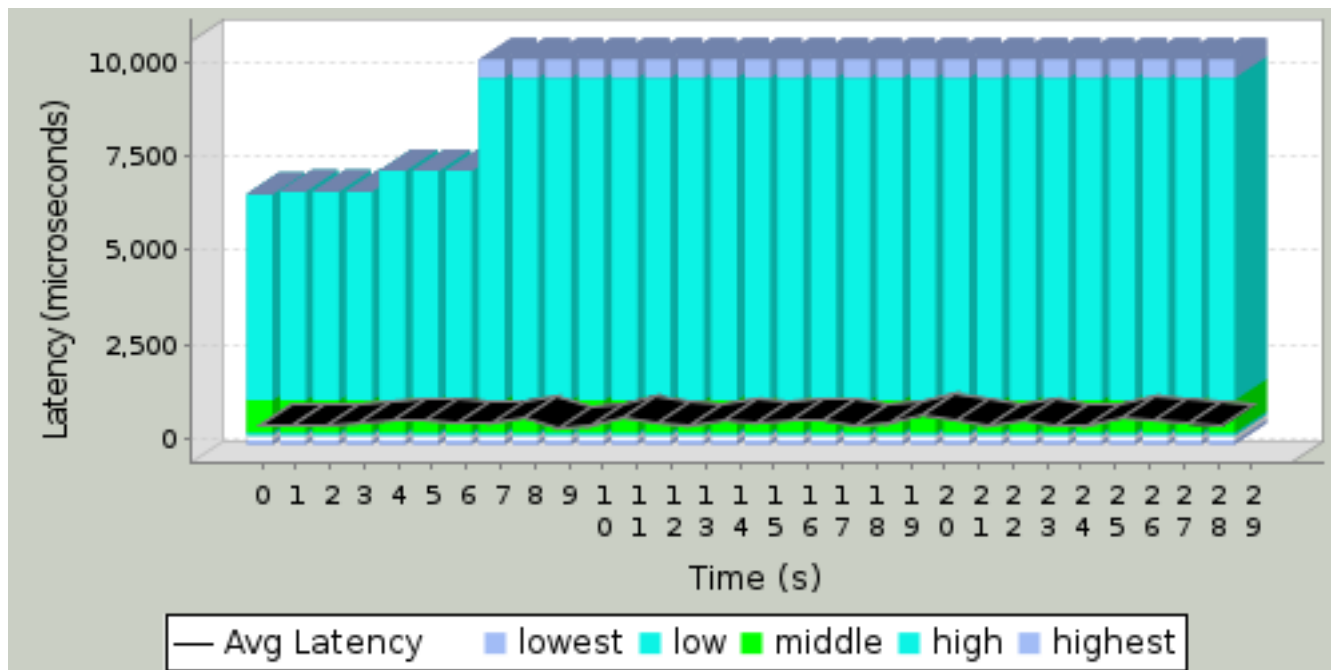


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
252	63.756	785.414	129.780	10,506.620
283	63.020	941.921	151.700	13,743.030
314	63.786	1,422.049	163.670	30,311.141
376	63.101	970.851	169.630	15,400.940
500	63.423	1,976.421	199.740	31,115.340

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>					
252	0.877	395.571	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	0	24,479 92.716%	1,923 7.284%	0
252	1.874	386.702	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	0	52,809 93.434%	3,711 6.566%	0
252	2.872	397.900	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	0	81,808 94.447%	4,810 5.553%	0

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	3.880	466.742	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	110,655 94.558%	6,369 5.442%	0	
252	4.867	533.473	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	138,657 94.515%	8,047 5.485%	0	
252	5.875	585.377	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	166,824 94.134%	10,395 5.866%	0	
252	6.872	498.023	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	195,298 94.200%	12,024 5.800%	0	
252	7.870	515.001	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	223,840 94.279%	13,558 5.710%	25 0.011%	
252	8.868	606.898	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	251,323 93.945%	16,173 6.046%	25 0.009%	
252	9.865	340.489	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	281,219 94.488%	16,379 5.503%	25 0.008%	
252	10.873	432.324	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	310,734 94.728%	17,269 5.264%	25 0.008%	
252	11.870	652.981	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	337,822 94.330%	20,282 5.663%	25 0.007%	
252	12.868	478.702	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	366,617 94.434%	21,582 5.559%	25 0.006%	
252	13.866	428.596	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	395,536 94.552%	22,767 5.442%	25 0.006%	

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	14.873	531.586	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	423,630 94.406%	25,077 5.588%	25 0.006%	
252	15.871	479.375	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	452,529 94.507%	26,278 5.488%	25 0.005%	
252	16.869	537.555	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	480,485 94.411%	28,419 5.584%	25 0.005%	
252	17.866	523.902	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	508,770 94.401%	30,150 5.594%	25 0.005%	
252	18.874	423.626	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	538,258 94.525%	31,152 5.471%	25 0.004%	
252	19.871	488.670	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	567,070 94.585%	32,440 5.411%	25 0.004%	
252	20.869	673.888	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	593,802 94.310%	35,803 5.686%	25 0.004%	
252	21.867	557.726	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	621,655 94.228%	38,056 5.768%	25 0.004%	
252	22.874	409.371	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	650,868 94.310%	39,246 5.687%	25 0.004%	
252	23.872	558.692	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	678,908 94.261%	41,306 5.735%	25 0.003%	
252	24.870	399.094	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	708,197 94.383%	42,118 5.613%	25 0.003%	

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	25.867	437.551	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	737,471 94.494%	42,943 5.502%	25 0.003%	
252	26.875	603.865	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	765,238 94.376%	45,578 5.621%	25 0.003%	
252	27.872	584.417	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	792,912 94.288%	48,007 5.709%	25 0.003%	
252	28.870	443.742	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	821,863 94.354%	49,155 5.643%	25 0.003%	
252	29.868	370.534	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	851,486 94.490%	49,632 5.508%	25 0.003%	
252	30.875	624.516	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	879,043 94.364%	52,481 5.634%	25 0.003%	
252	31.873	497.247	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	907,435 94.362%	54,189 5.635%	25 0.003%	
252	32.871	410.609	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	936,531 94.432%	55,193 5.565%	25 0.003%	
252	33.868	543.911	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	964,555 94.397%	57,230 5.601%	25 0.002%	
252	34.866	406.588	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	994,110 94.502%	57,813 5.496%	25 0.002%	
252	35.873	448.540	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,023,411 94.554%	58,915 5.443%	25 0.002%	

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	36.871	796.164	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,049,325 94.325%	63,104 5.673%	25 0.002%	
252	37.869	602.503	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,076,796 94.245%	65,731 5.753%	25 0.002%	
252	38.866	436.847	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,105,863 94.305%	66,762 5.693%	25 0.002%	
252	39.874	730.194	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,132,844 94.164%	70,189 5.834%	25 0.002%	
252	40.872	442.800	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,161,946 94.225%	71,186 5.773%	25 0.002%	
252	41.869	510.435	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,190,541 94.244%	72,693 5.754%	25 0.002%	
252	42.867	529.305	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,218,499 94.212%	74,831 5.786%	25 0.002%	
252	43.874	389.193	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,248,220 94.293%	75,517 5.705%	25 0.002%	
252	44.872	516.678	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,276,771 94.306%	77,067 5.692%	25 0.002%	
252	45.870	454.313	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,305,278 94.320%	78,579 5.678%	25 0.002%	
252	46.867	432.328	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,334,455 94.370%	79,581 5.628%	25 0.002%	

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	47.875	732.200	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,361,182 94.234%	83,259 5.764%	25 0.002%	
252	48.883	452.143	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,390,339 94.269%	84,506 5.730%	25 0.002%	
252	49.870	503.877	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,417,849 94.230%	86,793 5.768%	25 0.002%	
252	50.868	480.832	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,446,556 94.252%	88,186 5.746%	25 0.002%	
252	51.875	492.767	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,475,517 94.272%	89,627 5.726%	25 0.002%	
252	52.873	614.730	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,502,631 94.193%	92,614 5.806%	25 0.002%	
252	53.871	446.995	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,531,618 94.232%	93,728 5.767%	25 0.002%	
252	54.868	464.262	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,560,330 94.253%	95,116 5.746%	25 0.002%	
252	55.866	581.820	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,587,988 94.211%	97,556 5.788%	25 0.001%	
252	56.873	405.425	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,617,540 94.264%	98,410 5.735%	25 0.001%	
252	57.881	633.307	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,645,924 94.248%	100,383 5.748%	71 0.004%	

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	58.869	564.381	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,673,657 94.228%	102,446 5.768%	71 0.004%	
252	59.866	383.312	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,703,149 94.291%	103,055 5.705%	71 0.004%	
252	63.756	444.893	129.780 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,706,931 94.289%	103,318 5.707%	71 0.004%	
283	0.514	558.632	152.420 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	15,730 91.565%	1,449 8.435%	0	
283	1.512	505.409	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	47,200 92.591%	3,777 7.409%	0	
283	2.499	483.228	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	78,696 93.195%	5,746 6.805%	0	
283	3.507	408.805	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	111,965 94.417%	6,621 5.583%	0	
283	4.504	428.298	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	144,310 94.698%	8,079 5.302%	0	
283	5.502	543.755	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	175,475 94.260%	10,685 5.740%	0	
283	6.500	411.543	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	208,078 94.584%	11,914 5.416%	0	
283	7.507	457.802	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	240,773 94.742%	13,363 5.258%	0	

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>					
283	8.505	589.896	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	271,879 94.422%	16,061 5.578%	0	
283	9.502	433.942	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	304,441 94.622%	17,305 5.378%	0	
283	10.500	656.127	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	336,635 94.691%	18,471 5.196%	404 0.114%	
283	11.508	942.031	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	365,898 93.903%	23,333 5.988%	425 0.109%	
283	12.505	448.762	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	398,380 94.078%	24,653 5.822%	425 0.100%	
283	13.503	450.269	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	430,753 94.203%	26,084 5.704%	425 0.093%	
283	14.501	690.729	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	460,814 93.840%	29,826 6.074%	425 0.087%	
283	15.498	531.607	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	492,816 93.893%	31,627 6.026%	425 0.081%	
283	16.506	442.768	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	525,506 94.006%	33,082 5.918%	425 0.076%	
283	17.503	404.934	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	558,117 94.147%	34,272 5.781%	425 0.072%	
283	18.501	382.049	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	591,066 94.326%	35,127 5.606%	425 0.068%	

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>					
283	19.499	399.310	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	623,887 94.468%	36,108 5.467%	425 0.064%	
283	20.506	529.291	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	655,566 94.385%	38,574 5.554%	425 0.061%	
283	21.504	618.497	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	686,627 94.269%	41,317 5.673%	425 0.058%	
283	22.501	357.144	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	720,044 94.473%	41,704 5.472%	425 0.056%	
283	23.499	496.164	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	751,872 94.459%	43,676 5.487%	425 0.053%	
283	24.507	530.975	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	783,569 94.393%	46,122 5.556%	425 0.051%	
283	25.504	441.824	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	815,967 94.449%	47,530 5.502%	425 0.049%	
283	26.502	438.180	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	848,227 94.486%	49,073 5.466%	425 0.047%	
283	27.500	522.341	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	879,822 94.450%	51,278 5.505%	425 0.046%	
283	28.507	453.563	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	912,600 94.504%	52,647 5.452%	425 0.044%	
283	29.505	417.400	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	945,384 94.588%	53,666 5.369%	425 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>					
283	30.502	515.153	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	976,762 94.541%	55,972 5.418%	425 0.041%	
283	31.500	528.888	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,008,316 94.493%	58,336 5.467%	425 0.040%	
283	32.508	425.478	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,041,173 94.547%	59,626 5.415%	425 0.039%	
283	33.505	538.211	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,072,696 94.508%	61,906 5.454%	425 0.037%	
283	34.503	378.479	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,105,622 94.592%	62,781 5.371%	425 0.036%	
283	35.501	375.473	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,138,659 94.681%	63,545 5.284%	425 0.035%	
283	36.508	623.936	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,169,129 94.530%	67,225 5.435%	425 0.034%	
283	37.506	412.685	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,201,983 94.601%	68,172 5.365%	425 0.033%	
283	38.503	778.917	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,231,970 94.449%	71,948 5.516%	461 0.035%	
283	39.501	548.340	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,263,509 94.419%	74,218 5.546%	461 0.034%	
283	40.499	571.924	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,294,576 94.358%	76,950 5.609%	461 0.034%	

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>					
283	41.506	399.814	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,327,901 94.436%	77,771 5.531%	461 0.033%	
283	42.504	518.877	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,359,541 94.417%	79,935 5.551%	461 0.032%	
283	43.502	547.700	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,391,339 94.409%	81,938 5.560%	461 0.031%	
283	44.509	451.858	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,424,232 94.452%	83,191 5.517%	461 0.031%	
283	45.507	450.077	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,457,021 94.508%	84,202 5.462%	461 0.030%	
283	46.504	510.650	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,488,634 94.487%	86,393 5.484%	461 0.029%	
283	47.502	402.425	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,521,515 94.546%	87,314 5.426%	461 0.029%	
283	48.500	594.114	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,552,889 94.510%	89,744 5.462%	461 0.028%	
283	49.507	406.319	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,585,941 94.557%	90,839 5.416%	461 0.027%	
283	50.505	423.346	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,618,781 94.608%	91,799 5.365%	461 0.027%	
283	51.513	467.266	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,651,188 94.615%	93,522 5.359%	461 0.026%	

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>					
283	52.500	532.984	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,682,703 94.606%	95,485 5.368%	461 0.026%	
283	53.508	437.899	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,715,429 94.629%	96,904 5.346%	461 0.025%	
283	54.505	422.086	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,748,120 94.667%	98,013 5.308%	461 0.025%	
283	55.503	571.217	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,779,514 94.635%	100,422 5.340%	461 0.025%	
283	56.501	761.579	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,810,124 94.563%	103,549 5.410%	528 0.028%	
283	57.508	358.934	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,843,689 94.628%	104,128 5.344%	528 0.027%	
283	58.516	483.739	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,876,160 94.637%	105,800 5.337%	528 0.027%	
283	59.504	459.657	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,907,989 94.645%	107,434 5.329%	528 0.026%	
283	63.020	456.405	151.700 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,924,497 94.663%	107,980 5.311%	528 0.026%	
314	0.897	506.489	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	30,981 92.337%	2,571 7.663%	0	
314	1.884	427.211	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	66,613 94.250%	4,064 5.750%	0	

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>					
314	2.882	647.185	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	100,169 92.592%	8,014 7.408%	0	
314	3.880	424.231	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	136,249 93.519%	9,442 6.481%	0	
314	4.877	~428	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	172,700 94.271%	10,495 5.729%	0	
314	5.885	497.587	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	208,309 94.224%	12,769 5.776%	0	
314	6.882	438.031	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	244,238 94.452%	14,345 5.548%	0	
314	7.880	393.101	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	280,818 94.842%	15,272 5.158%	0	
314	8.878	478.817	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	316,277 94.808%	17,319 5.192%	0	
314	9.885	503.815	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	351,715 94.678%	19,769 5.322%	0	
314	10.883	422.630	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	387,404 94.723%	21,584 5.277%	0	
314	11.881	404.966	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	424,142 94.995%	22,349 5.005%	0	
314	12.878	549.978	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	458,460 94.723%	25,539 5.277%	0	

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>					
314	13.876	373.147	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	495,176 94.952%	26,328 5.048%	0	
314	14.883	542.473	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	530,448 94.827%	28,939 5.173%	0	
314	15.881	483.543	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	566,054 94.833%	30,839 5.167%	0	
314	16.879	444.026	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	602,129 94.913%	32,270 5.087%	0	
314	17.876	402.430	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	638,294 94.998%	33,612 5.002%	0	
314	18.884	483.951	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	674,051 94.965%	35,739 5.035%	0	
314	19.882	650.827	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	707,995 94.741%	39,241 5.251%	57 0.008%	
314	20.879	442.923	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	743,729 94.766%	41,018 5.227%	57 0.007%	
314	21.877	568.870	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	778,361 94.656%	43,891 5.338%	57 0.007%	
314	22.884	494.078	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	814,072 94.638%	46,065 5.355%	57 0.007%	
314	23.882	527.208	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	848,412 94.510%	49,226 5.484%	57 0.006%	

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>					
314	24.880	674.110	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	881,570 94.265%	53,575 5.729%	57 0.006%	
314	25.877	461.850	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	917,440 94.318%	55,215 5.676%	57 0.006%	
314	26.885	406.742	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	954,124 94.412%	56,413 5.582%	57 0.006%	
314	27.883	419.009	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	990,068 94.464%	57,969 5.531%	57 0.005%	
314	28.880	457.805	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,025,986 94.508%	59,562 5.487%	57 0.005%	
314	29.878	491.331	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,061,070 94.476%	61,984 5.519%	57 0.005%	
314	30.885	418.444	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,097,875 94.563%	63,063 5.432%	57 0.005%	
314	31.883	868.456	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,129,430 94.237%	68,982 5.756%	85 0.007%	
314	32.881	537.530	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,164,784 94.238%	71,104 5.753%	115 0.009%	
314	33.878	441.989	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,200,938 94.301%	72,456 5.689%	115 0.009%	
314	34.886	620.597	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,235,268 94.195%	76,012 5.796%	115 0.009%	

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>					
314	35.883	388.881	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,271,563 94.267%	77,222 5.725%	115 0.009%	
314	36.881	574.382	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,306,578 94.242%	79,630 5.744%	198 0.014%	
314	37.889	592.243	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,341,168 94.164%	82,924 5.822%	198 0.014%	
314	38.876	363.201	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,377,902 94.285%	83,316 5.701%	198 0.014%	
314	39.884	566.287	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,413,019 94.245%	86,085 5.742%	198 0.013%	
314	40.882	1,460.124	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,443,826 93.987%	90,807 5.911%	1,569 0.102%	
314	41.879	424.559	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,479,851 94.036%	92,288 5.864%	1,569 0.100%	
314	42.877	401.449	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,516,292 94.109%	93,352 5.794%	1,569 0.097%	
314	43.884	581.230	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,550,678 94.032%	96,851 5.873%	1,569 0.095%	
314	44.882	429.408	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,586,843 94.085%	98,189 5.822%	1,569 0.093%	
314	45.880	565.987	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,621,327 94.039%	101,212 5.870%	1,569 0.091%	

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>					
314	46.877	342.296	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,658,554 94.150%	101,490 5.761%	1,569 0.089%	
314	47.885	591.586	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,693,155 94.090%	104,776 5.823%	1,569 0.087%	
314	48.883	418.760	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,729,572 94.152%	105,863 5.763%	1,569 0.085%	
314	49.880	409.373	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,766,222 94.223%	106,721 5.693%	1,569 0.084%	
314	50.878	634.488	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,800,142 94.149%	110,305 5.769%	1,569 0.082%	
314	51.885	416.763	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,836,679 94.193%	111,653 5.726%	1,569 0.080%	
314	52.883	435.907	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,872,810 94.234%	113,027 5.687%	1,569 0.079%	
314	53.881	533.477	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,907,564 94.205%	115,779 5.718%	1,569 0.077%	
314	54.878	435.600	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,943,636 94.241%	117,211 5.683%	1,569 0.076%	
314	55.886	441.262	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,979,577 94.252%	119,156 5.673%	1,569 0.075%	
314	56.884	677.019	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,013,102 94.167%	123,135 5.760%	1,571 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>					
314	57.881	473.905	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,048,723 94.181%	125,020 5.747%	1,571 0.072%	
314	58.879	383.933	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,085,091 94.228%	126,156 5.701%	1,571 0.071%	
314	59.876	781.255	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,118,738 94.153%	129,962 5.775%	1,615 0.072%	
314	63.786	328.089	163.670 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,123,507 94.165%	129,962 5.763%	1,615 0.072%	
376	0.554	1,474.985	192.900 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	17,009 69.930%	6,830 28.080%	484 1.990%	
376	1.542	699.028	187.760 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	57,465 83.102%	11,135 16.103%	550 0.795%	
376	2.539	538.142	187.760 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	99,279 87.043%	14,229 12.475%	550 0.482%	
376	3.547	454.263	184.930 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	142,485 89.374%	16,391 10.281%	550 0.345%	
376	4.545	986.971	184.930 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	180,754 88.581%	22,123 10.842%	1,178 0.577%	
376	5.542	407.808	184.930 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	224,066 89.999%	23,722 9.528%	1,178 0.473%	
376	6.540	599.948	184.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	265,091 90.205%	27,608 9.394%	1,178 0.401%	

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>					
376	7.548	786.641	184.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	303,334 89.415%	34,731 10.238%	1,178 0.347%	
376	8.545	461.129	184.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	346,064 90.085%	36,911 9.608%	1,178 0.307%	
376	9.543	558.088	184.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	387,626 90.342%	40,262 9.384%	1,178 0.275%	
376	10.540	558.529	184.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	428,836 90.530%	43,680 9.221%	1,178 0.249%	
376	11.538	467.498	184.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	471,367 90.848%	46,310 8.925%	1,178 0.227%	
376	12.546	609.008	184.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	512,537 90.841%	50,500 8.950%	1,178 0.209%	
376	13.543	564.586	184.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	553,991 90.943%	53,992 8.863%	1,178 0.193%	
376	14.541	626.286	184.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	595,732 91.084%	57,137 8.736%	1,178 0.180%	
376	15.538	437.959	184.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	638,872 91.404%	58,907 8.428%	1,178 0.169%	
376	16.546	659.125	184.370 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	679,040 91.229%	64,106 8.613%	1,178 0.158%	

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

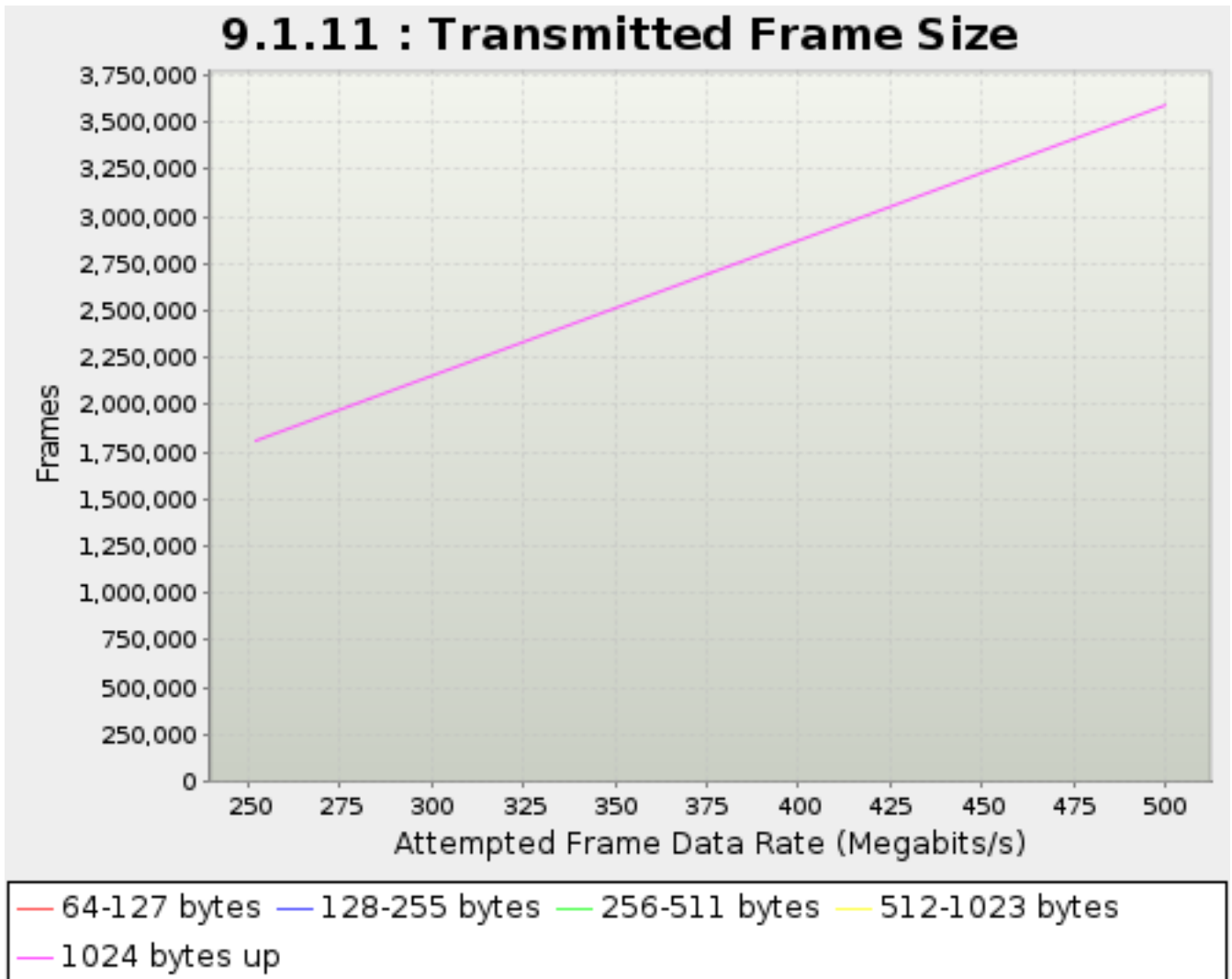
9.1.10. Component Summary

Attempted Frame Data Rate	Frames transmitted	Frames received	Frame bytes transmitted	Frame bytes received
	<i>Frames</i>		<i>Frame bytes</i>	
252	1,810,320	1,810,320 100.000%	1,853,767,680	1,853,767,680 100.000%
283	2,033,040	2,033,005 99.998%	2,081,832,960	2,081,797,120 99.998%
314	2,255,700	2,255,084 99.973%	2,309,836,800	2,309,206,016 99.973%
376	2,701,140	2,699,986 99.957%	2,765,967,360	2,764,785,664 99.957%
500	3,591,900	3,582,889 99.749%	3,678,105,600	3,668,878,336 99.749%

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>	
252	~30170	~30280	~252	252.9
283	~33880	~34000	~283	~284
314	~37600	~37600	~314	~314
376	~45020	~45390	~376	379.1
500	~59870	~60050	~500	501.5

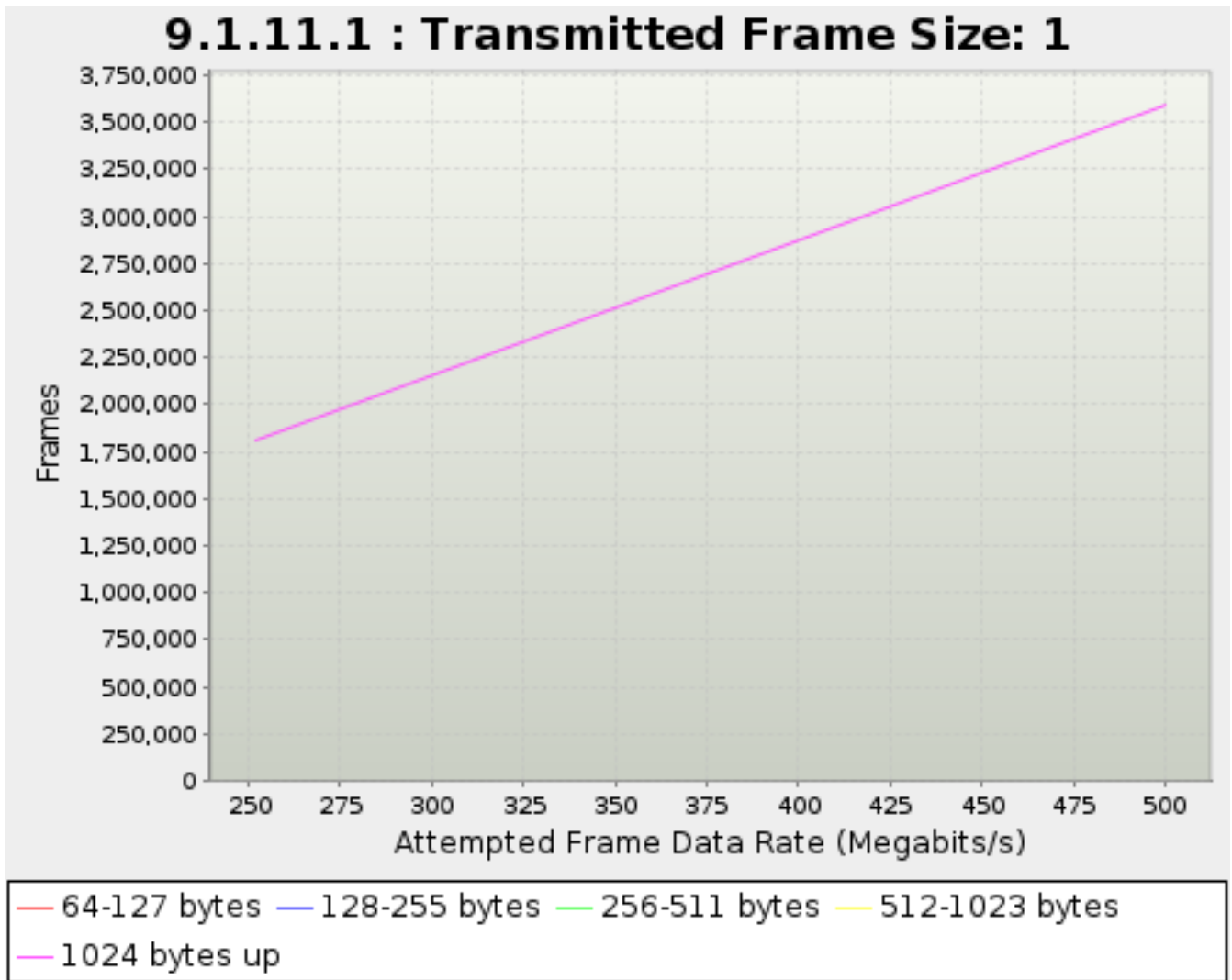
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
252	0	1,455	0	0	64	0	0	0
283	0	672	0	0	64	35	0	0
314	0	3,604	0	0	64	616	0	0
376	0	24,383	0	0	64	1,154	0	0
500	0	104,864	0	0	64	9,011	0	0

9.1.11. Transmitted Frame Size



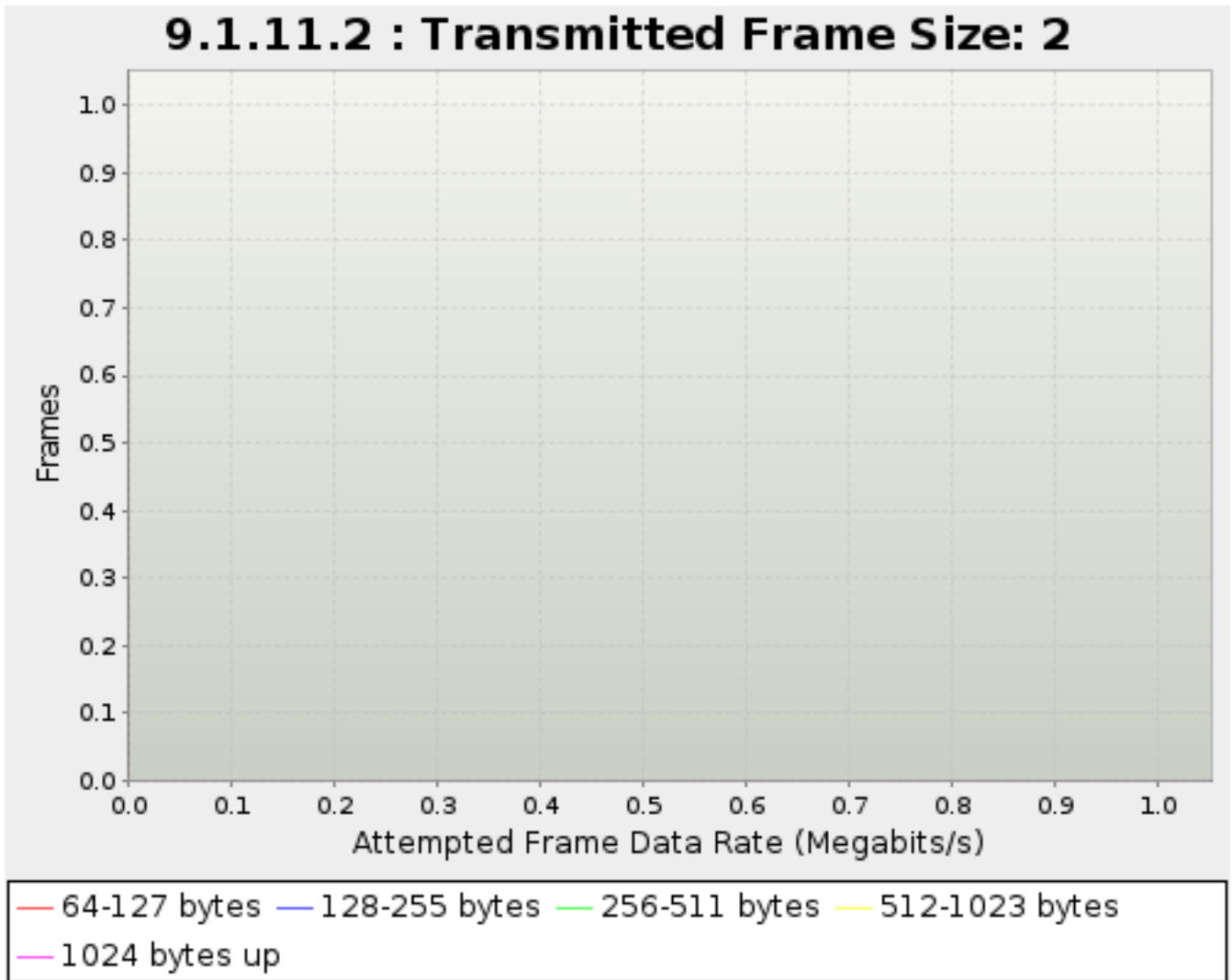
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
252	63.756	0	0	0	0	1,810,320
283	63.020	0	0	0	0	2,033,040
314	63.786	0	0	0	0	2,255,700
376	63.101	0	0	0	0	2,701,140
500	63.423	0	0	0	0	3,591,900

9.1.11.1. Transmitted Frame Size: 1



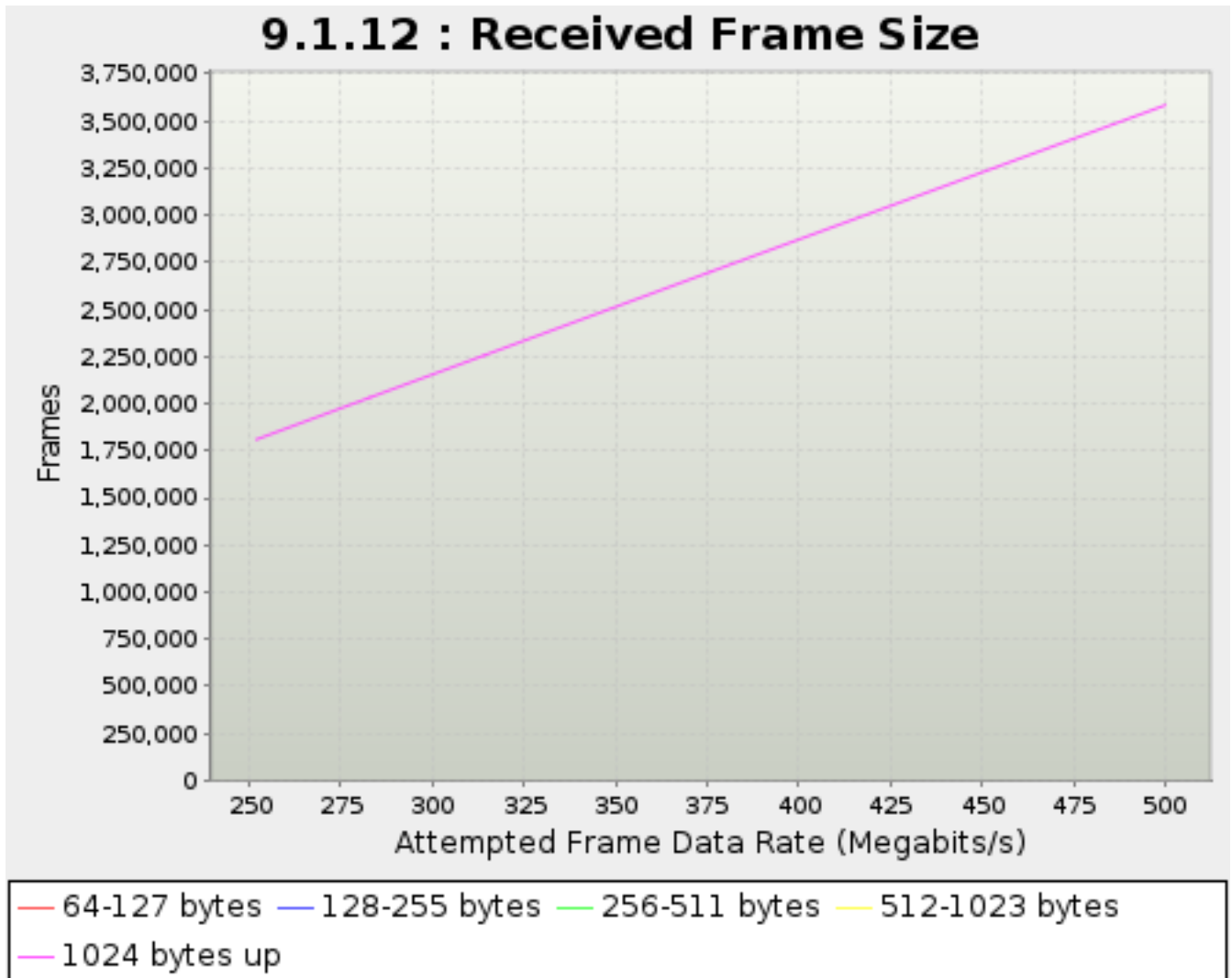
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
252	63.756	0	0	0	0	1,810,320
283	63.020	0	0	0	0	2,033,040
314	63.786	0	0	0	0	2,255,700
376	63.101	0	0	0	0	2,701,140
500	63.423	0	0	0	0	3,591,900

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>				
252	63.756	0	0	0	0	0
283	63.020	0	0	0	0	0
314	63.786	0	0	0	0	0
376	63.101	0	0	0	0	0
500	63.423	0	0	0	0	0

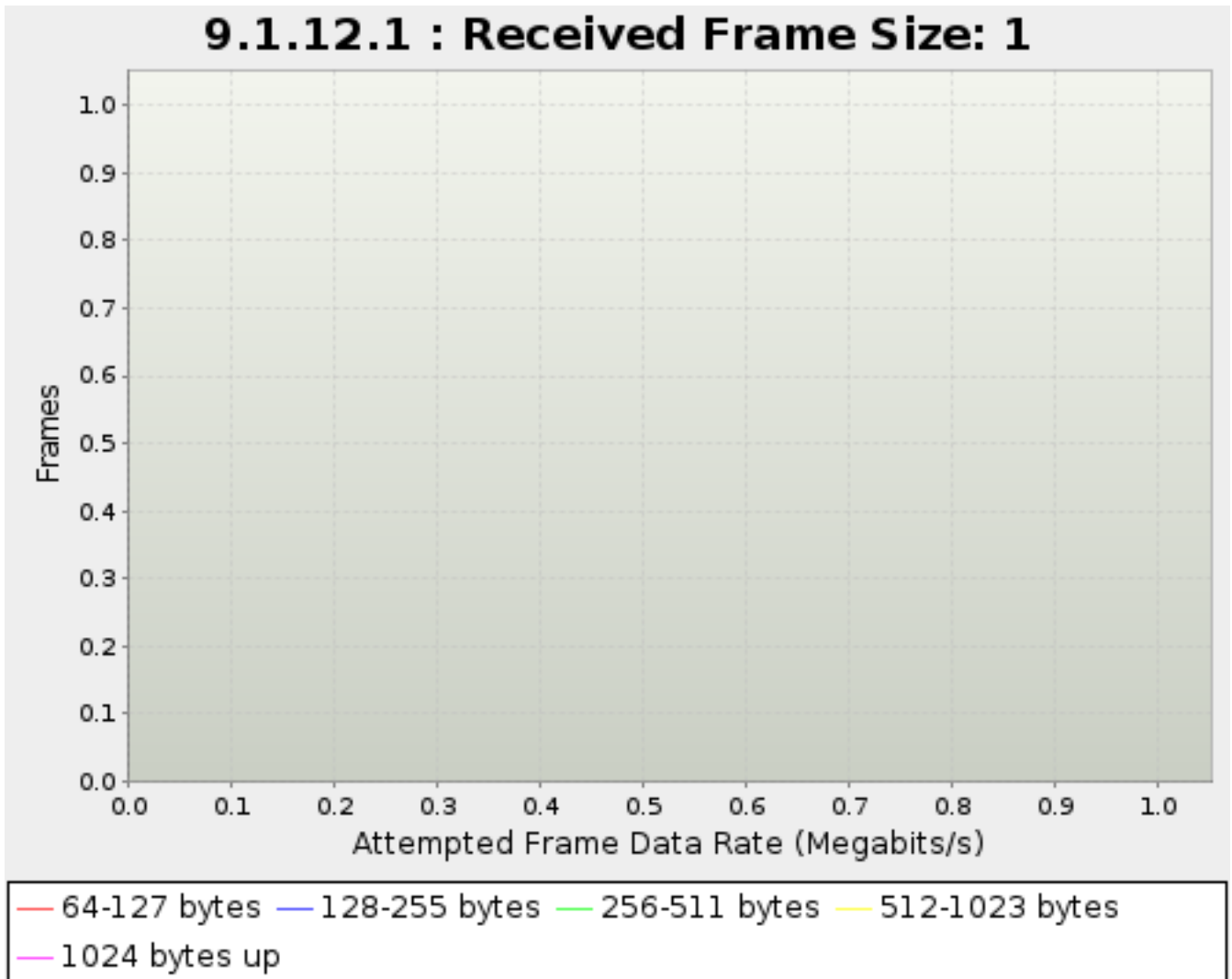
9.1.12. Received Frame Size



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>				
252	63.756	0	0	0	0	1,810,320
283	63.020	0	0	0	0	2,033,005
314	63.786	0	0	0	0	2,255,084
376	63.101	0	0	0	0	2,699,986
500	63.423	0	0	0	0	3,582,889

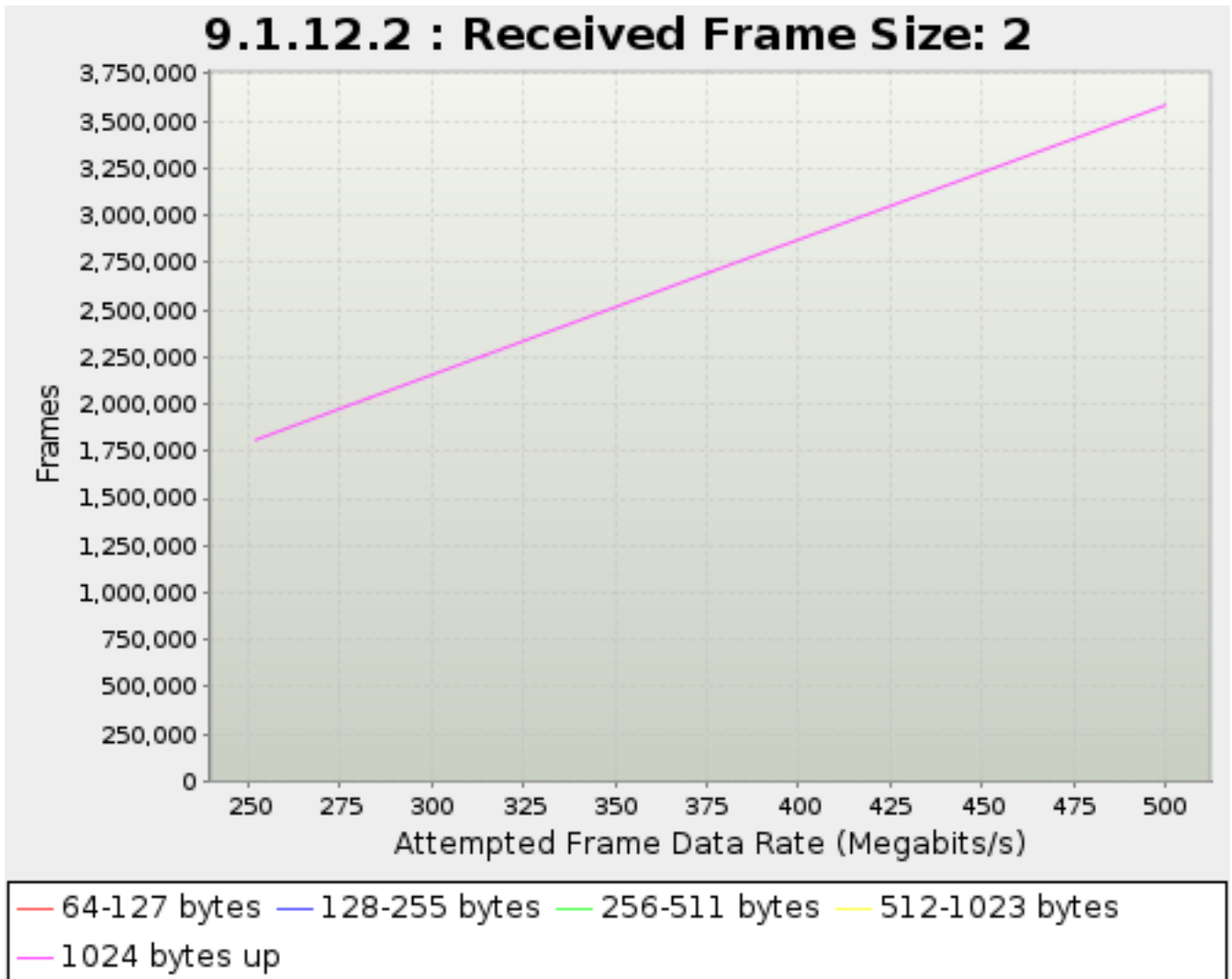
9.1.12.1. Received Frame Size: 1



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>				
252	63.756	0	0	0	0	0
283	63.020	0	0	0	0	0
314	63.786	0	0	0	0	0
376	63.101	0	0	0	0	0
500	63.423	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>				
252	63.756	0	0	0	0	1,810,320
283	63.020	0	0	0	0	2,033,005
314	63.786	0	0	0	0	2,255,084
376	63.101	0	0	0	0	2,699,986
500	63.423	0	0	0	0	3,582,889

9.2. Aggregate Stats

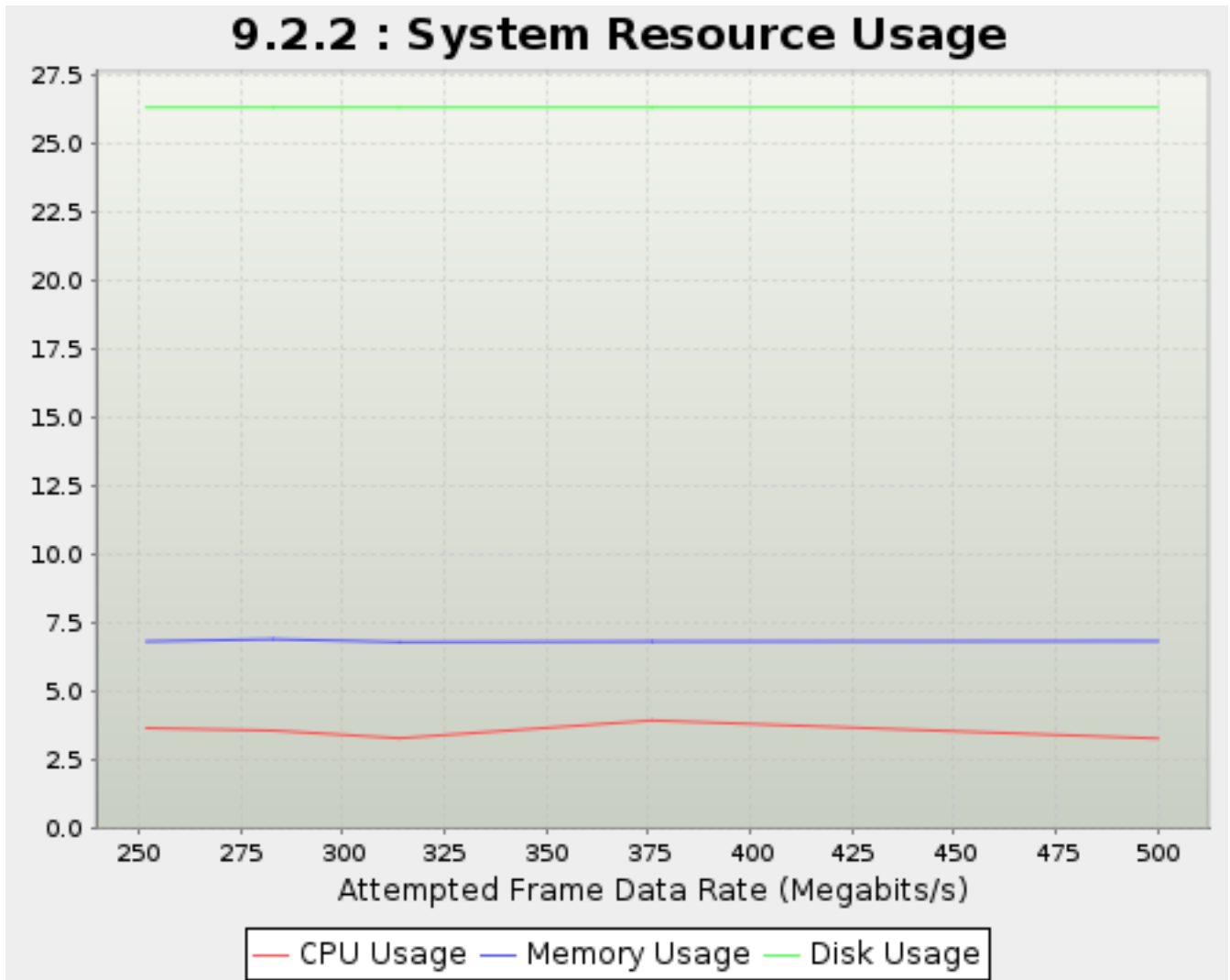
9.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

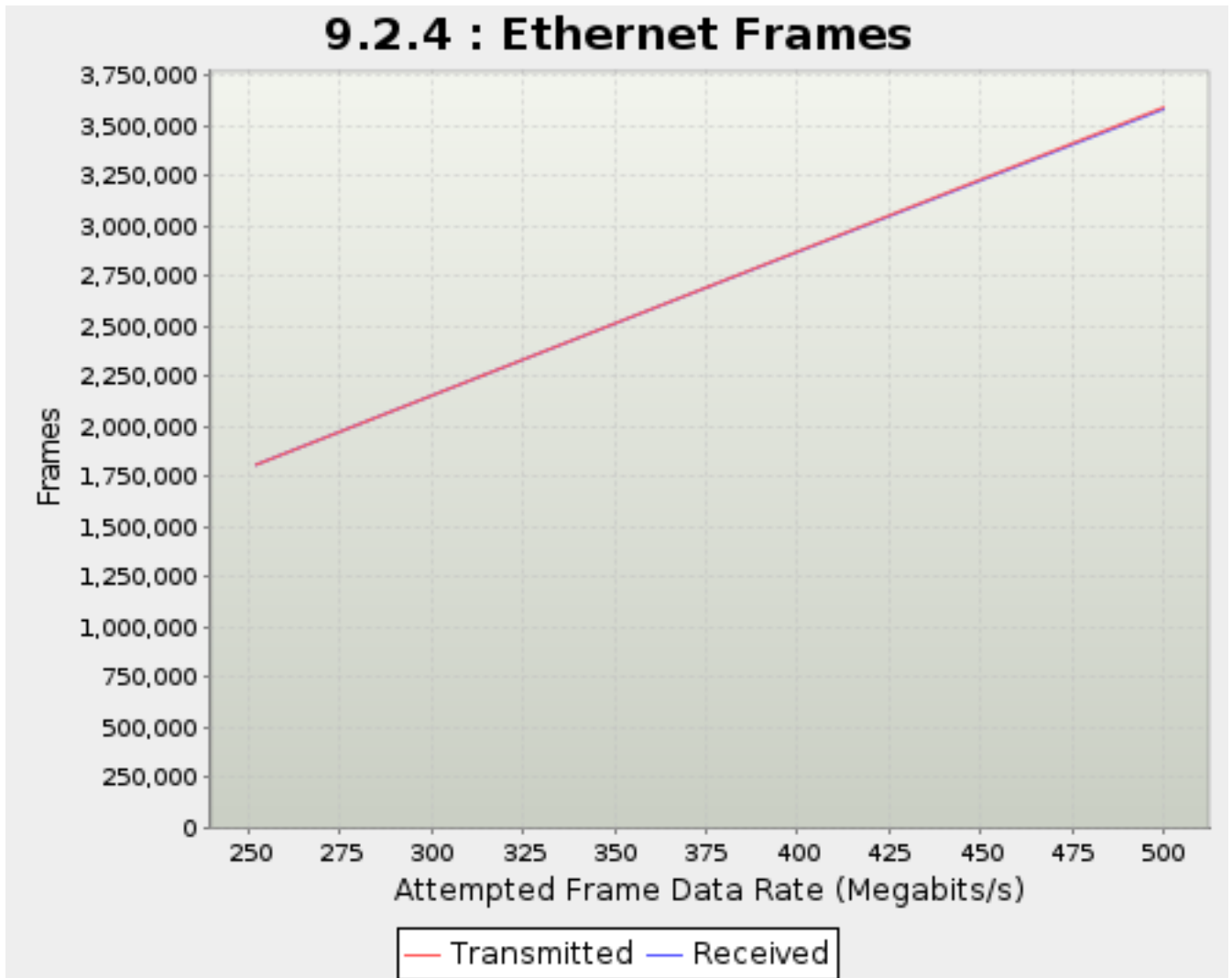
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

9.2.2. System Resource Usage



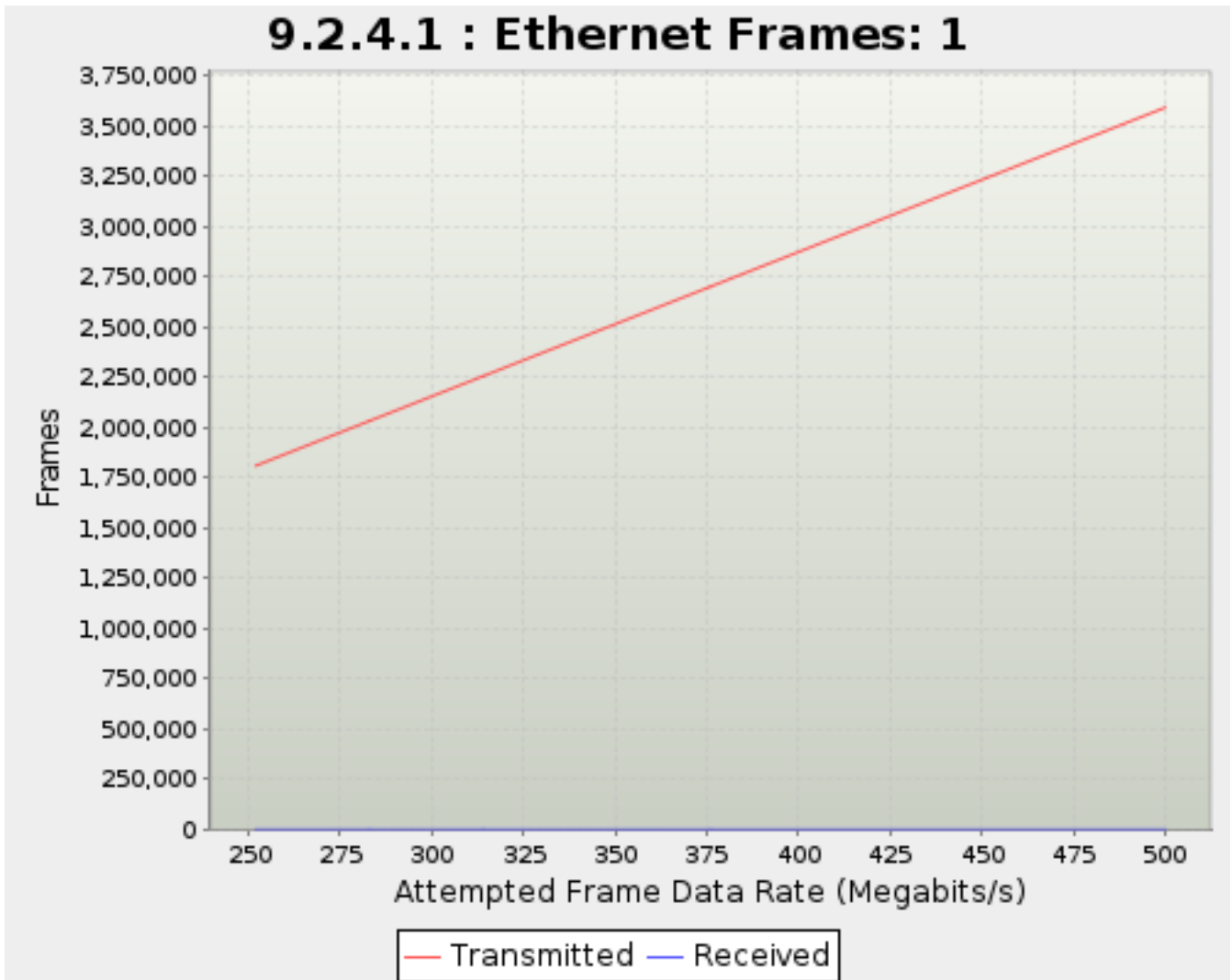
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
252	64.920	3.66	6.83	26.36
283	64.177	3.57	6.91	26.36
314	64.979	3.29	6.81	26.36
376	64.277	3.94	6.83	26.36
500	64.575	3.28	6.84	26.36

9.2.4. Ethernet Frames



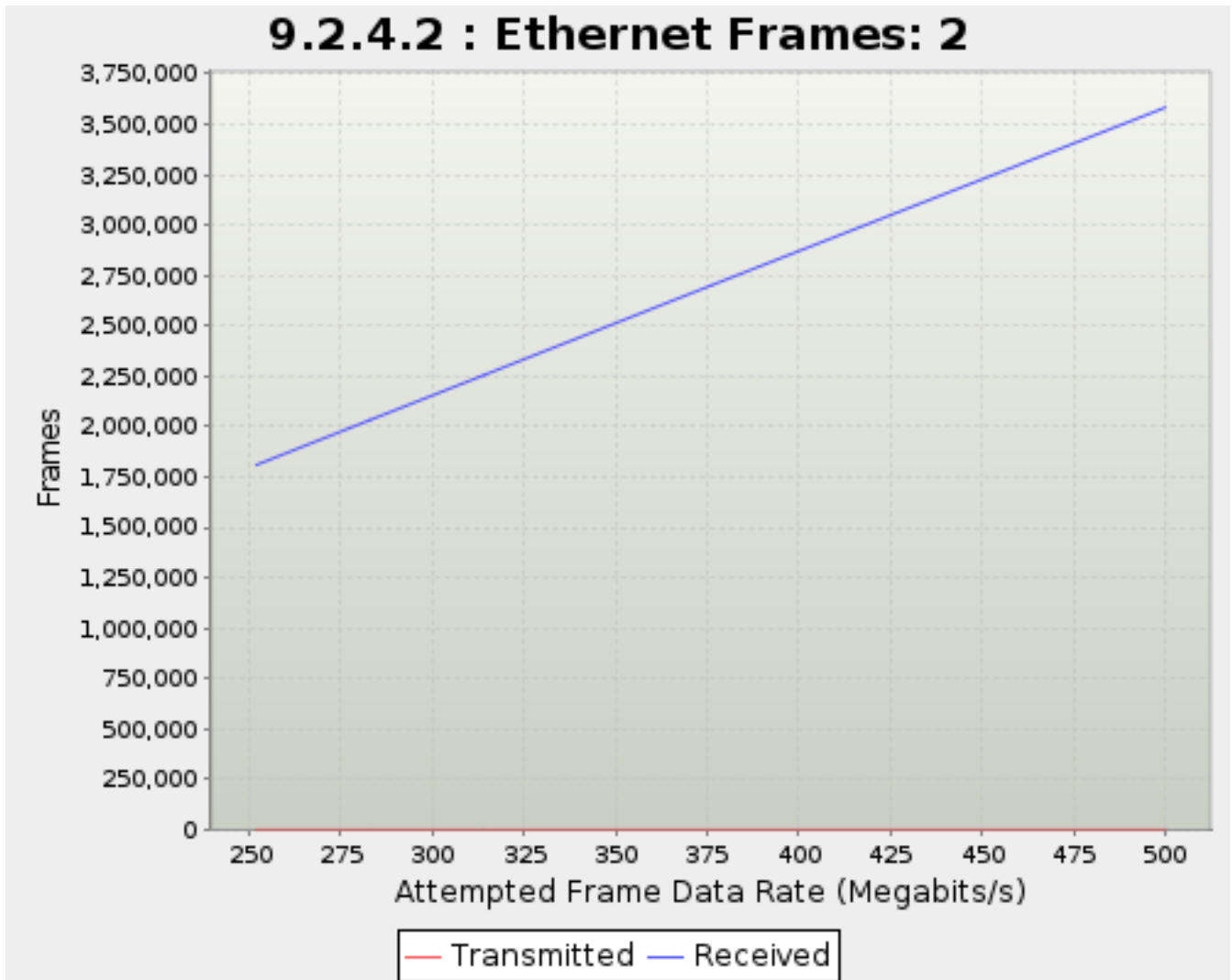
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
252	64.905	1,811,260	1,811,352 100.005%
283	64.169	2,034,114	2,034,150 100.002%
314	64.935	2,256,858	2,256,378 99.979%
376	64.280	2,702,179	2,701,097 99.960%
500	64.572	3,592,876	3,583,942 99.751%

9.2.4.1. Ethernet Frames: 1



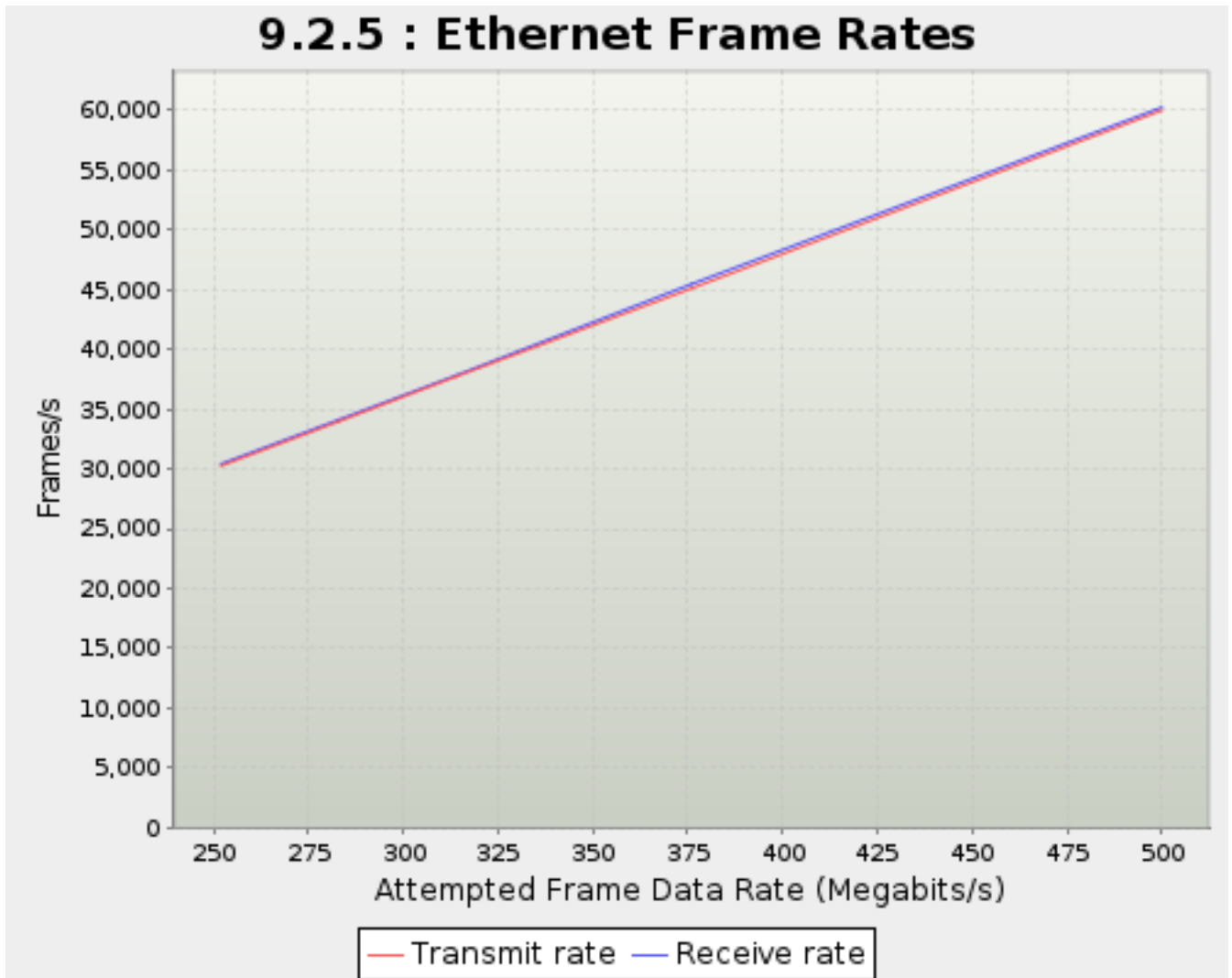
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
252	64.905	1,811,195	834 0.046%
283	64.169	2,034,049	948 0.047%
314	64.935	2,256,792	1,095 0.049%
376	64.280	2,702,055	856 0.032%
500	64.572	3,592,812	856 0.024%

9.2.4.2. Ethernet Frames: 2



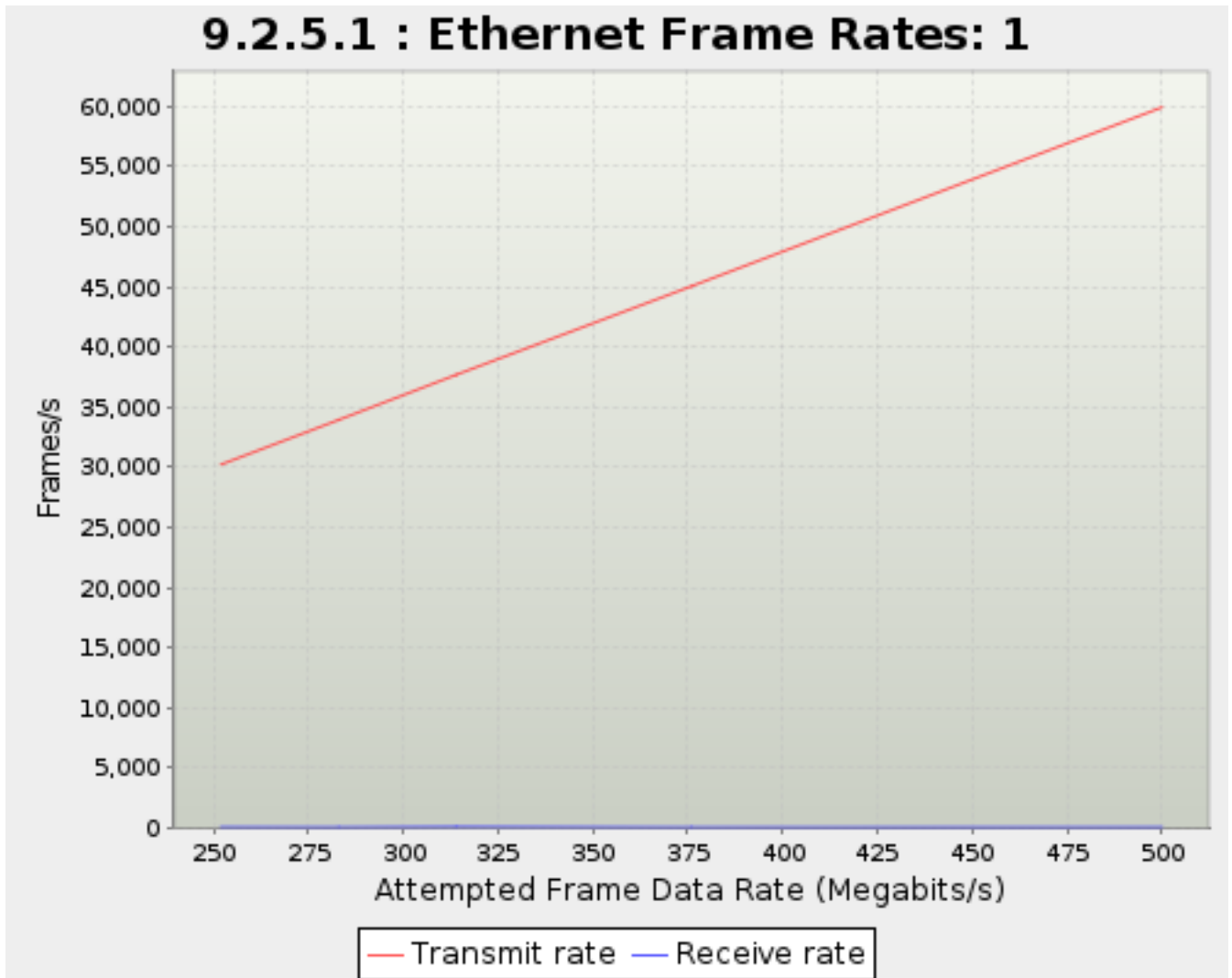
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
252	64.905	65	1,810,518 2785412.308%
283	64.169	65	2,033,202 3128003.077%
314	64.935	66	2,255,283 3417095.455%
376	64.280	124	2,700,241 2177613.710%
500	64.572	64	3,583,086 5598571.875%

9.2.5. Ethernet Frame Rates



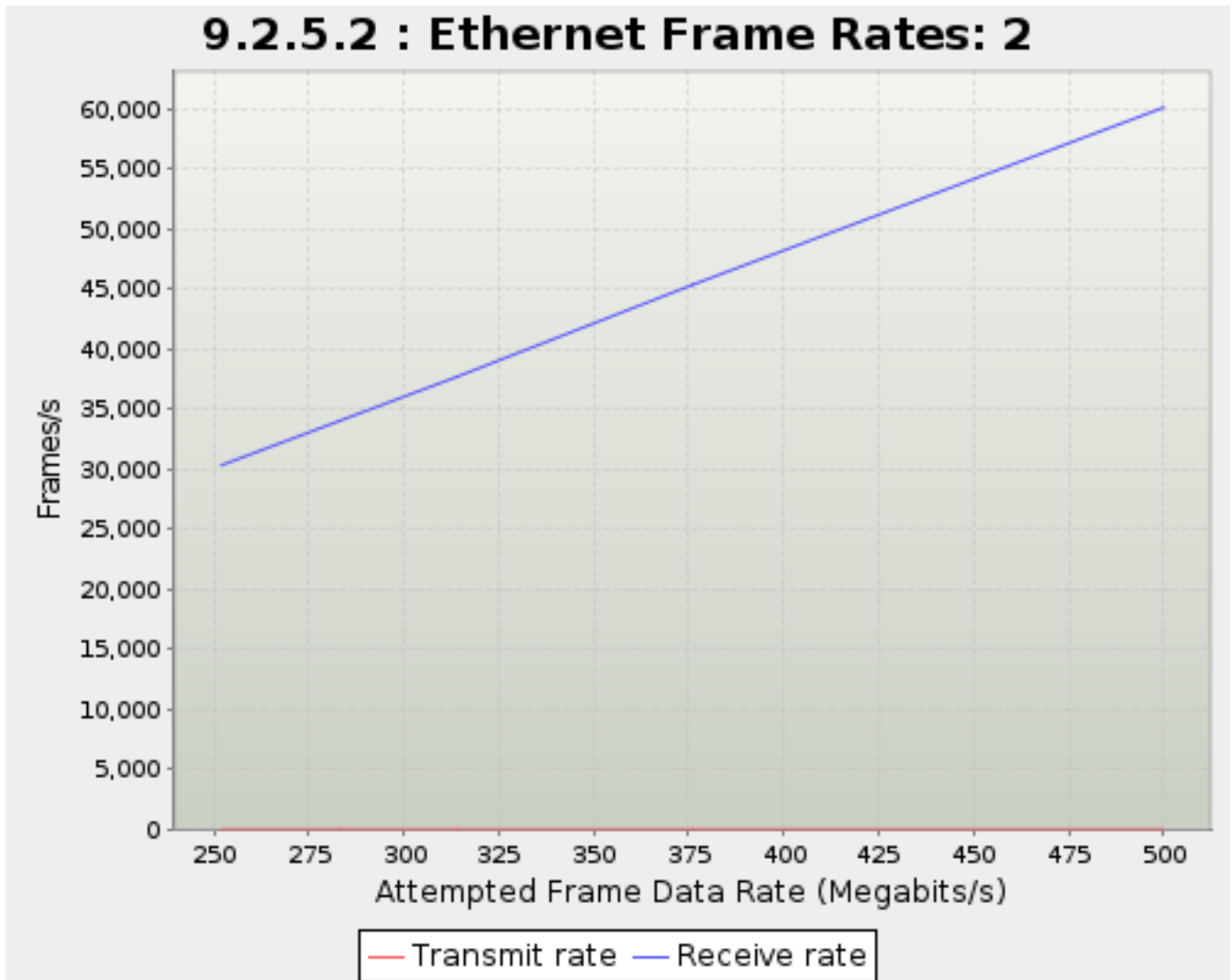
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
252	64.905	~30260	~30420
283	64.169	~33960	~34110
314	64.935	~37720	~37820
376	64.280	~45080	~45440
500	64.572	~59950	~60200

9.2.5.1. Ethernet Frame Rates: 1



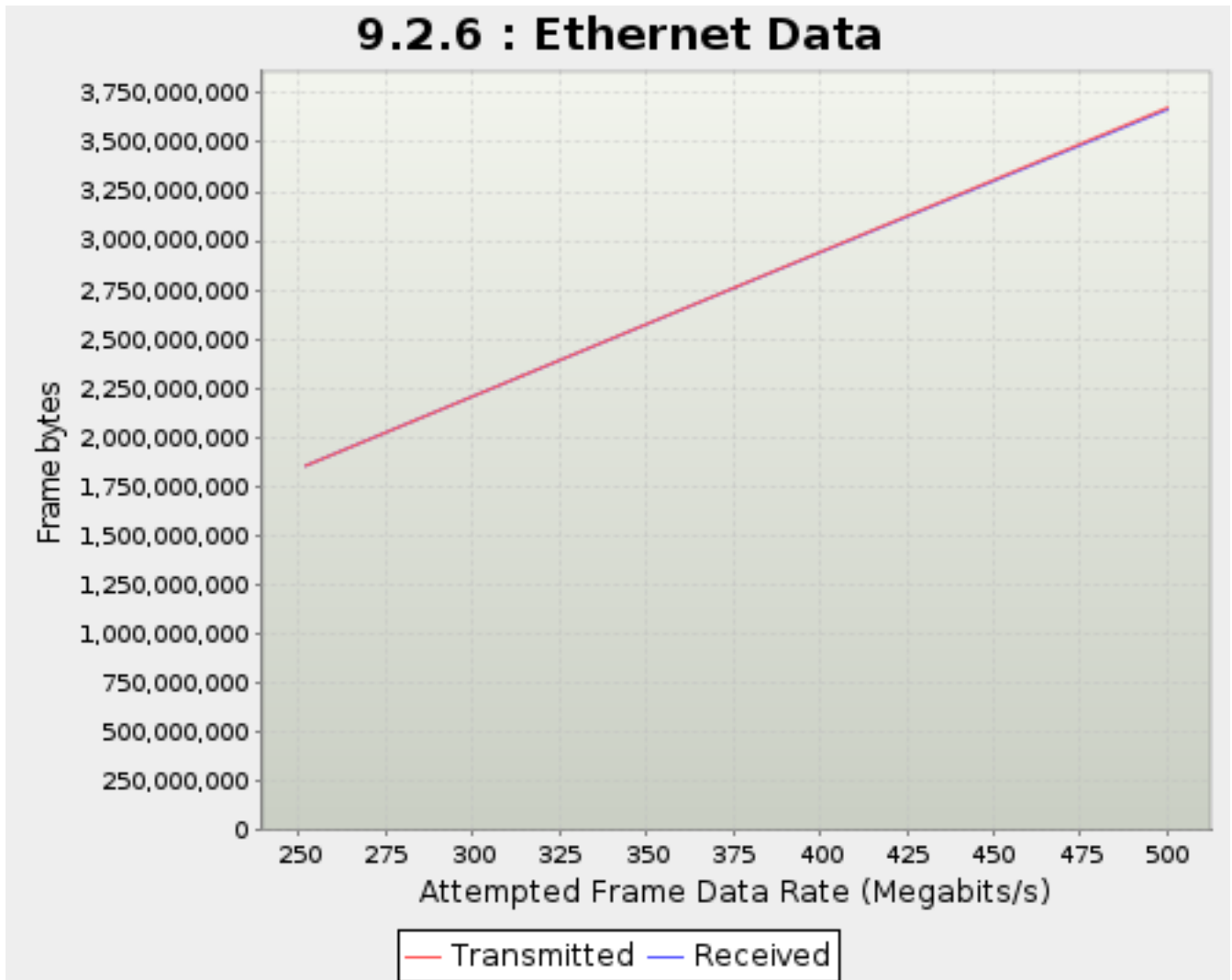
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate
252	64.905	~30230	62.15
283	64.169	~33940	51.98
314	64.935	~37690	91.22
376	64.280	~45050	48.90
500	64.572	~59920	54.13

9.2.5.2. Ethernet Frame Rates: 2



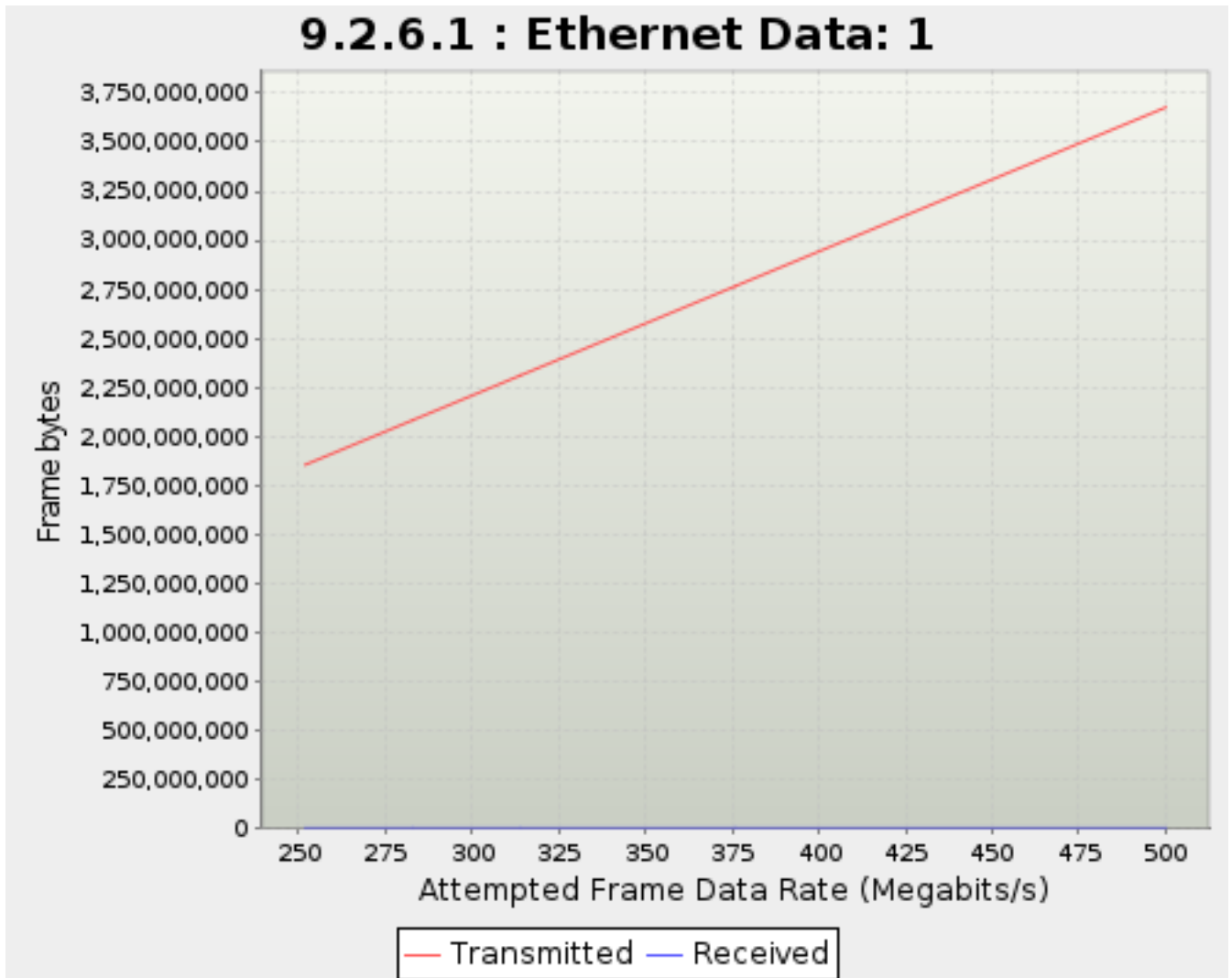
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
252	64.905	29.77	~30360
283	64.169	29.37	~34050
314	64.935	30.07	~37730
376	64.280	30.07	~45390
500	64.572	30.07	~60150

9.2.6. Ethernet Data



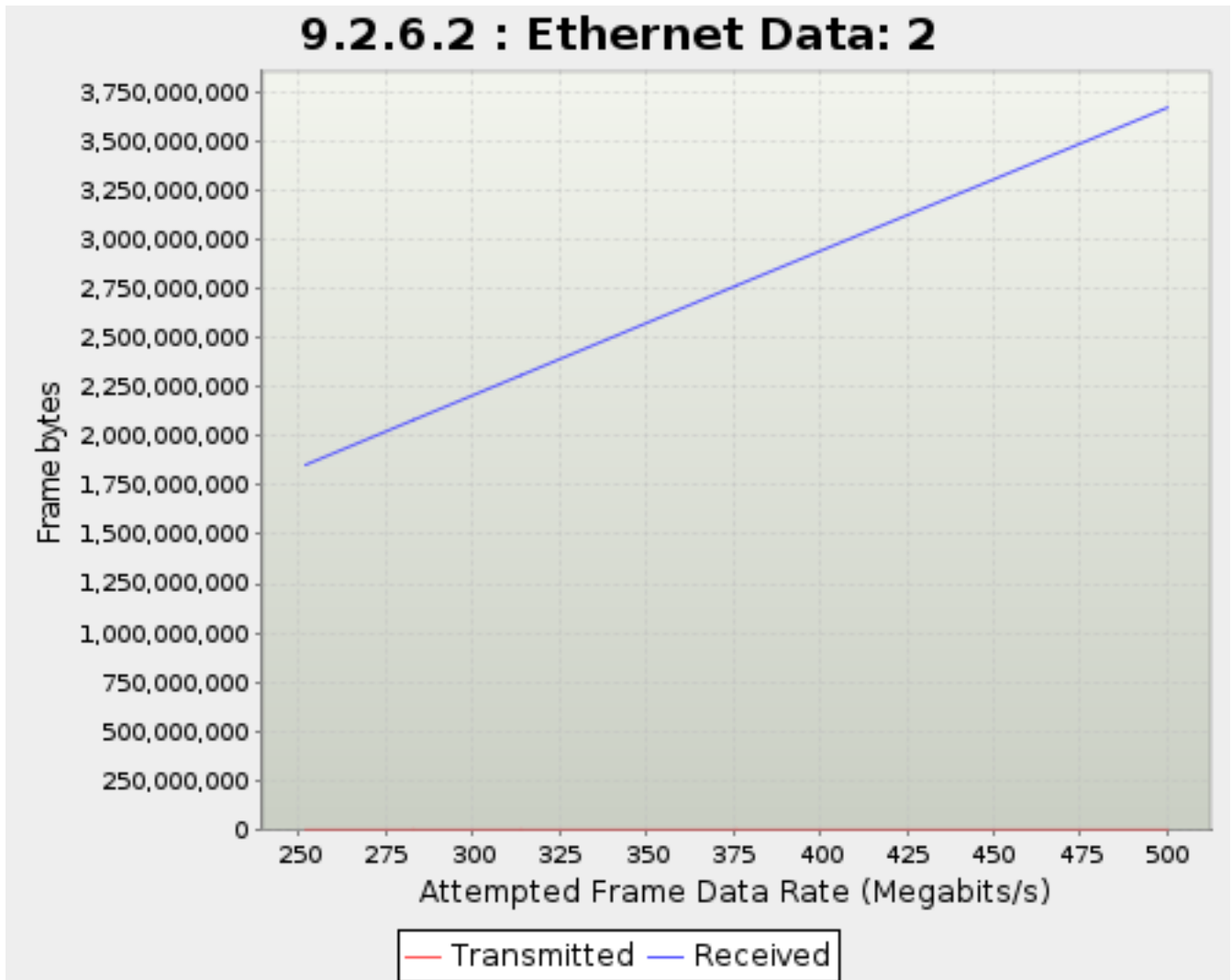
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
252	64.905	1,853,889,280	1,853,895,502 100.000%
283	64.169	2,081,963,136	2,081,932,265 99.999%
314	64.935	2,309,972,352	2,309,350,502 99.973%
376	64.280	2,766,095,296	2,764,918,526 99.957%
500	64.572	3,678,229,504	3,669,007,566 99.749%

9.2.6.1. Ethernet Data: 1



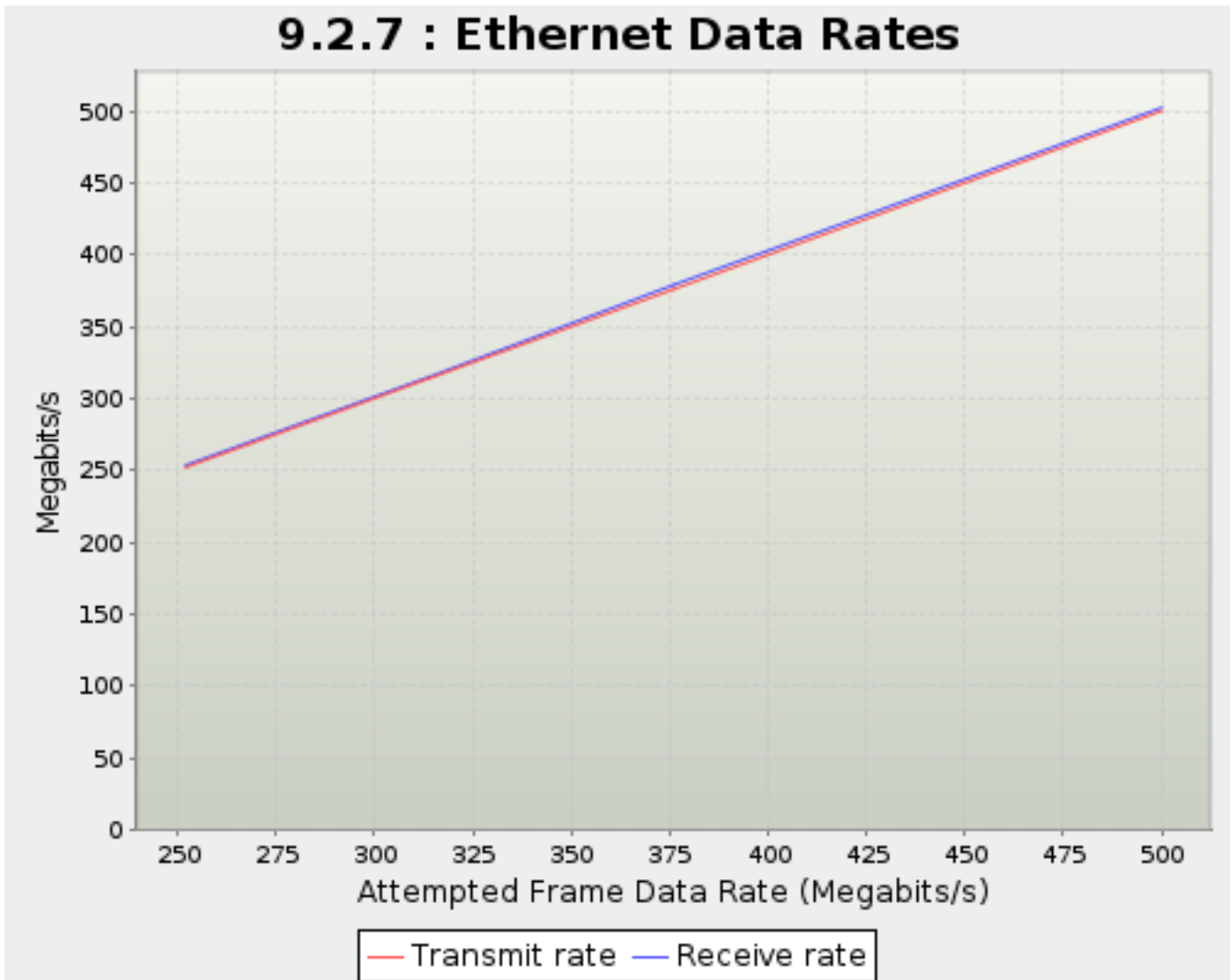
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
252	64.905	1,853,885,120	53,376 0.003%
283	64.169	2,081,958,976	60,672 0.003%
314	64.935	2,309,968,128	70,080 0.003%
376	64.280	2,766,087,360	54,784 0.002%
500	64.572	3,678,225,408	54,784 0.001%

9.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
252	64.905	4,160	1,853,842,126 44563512.644%
283	64.169	4,160	2,081,871,593 50044990.216%
314	64.935	4,224	2,309,280,422 54670464.536%
376	64.280	7,936	2,764,863,742 34839512.878%
500	64.572	4,096	3,668,952,782 89574042.529%

9.2.7. Ethernet Data Rates



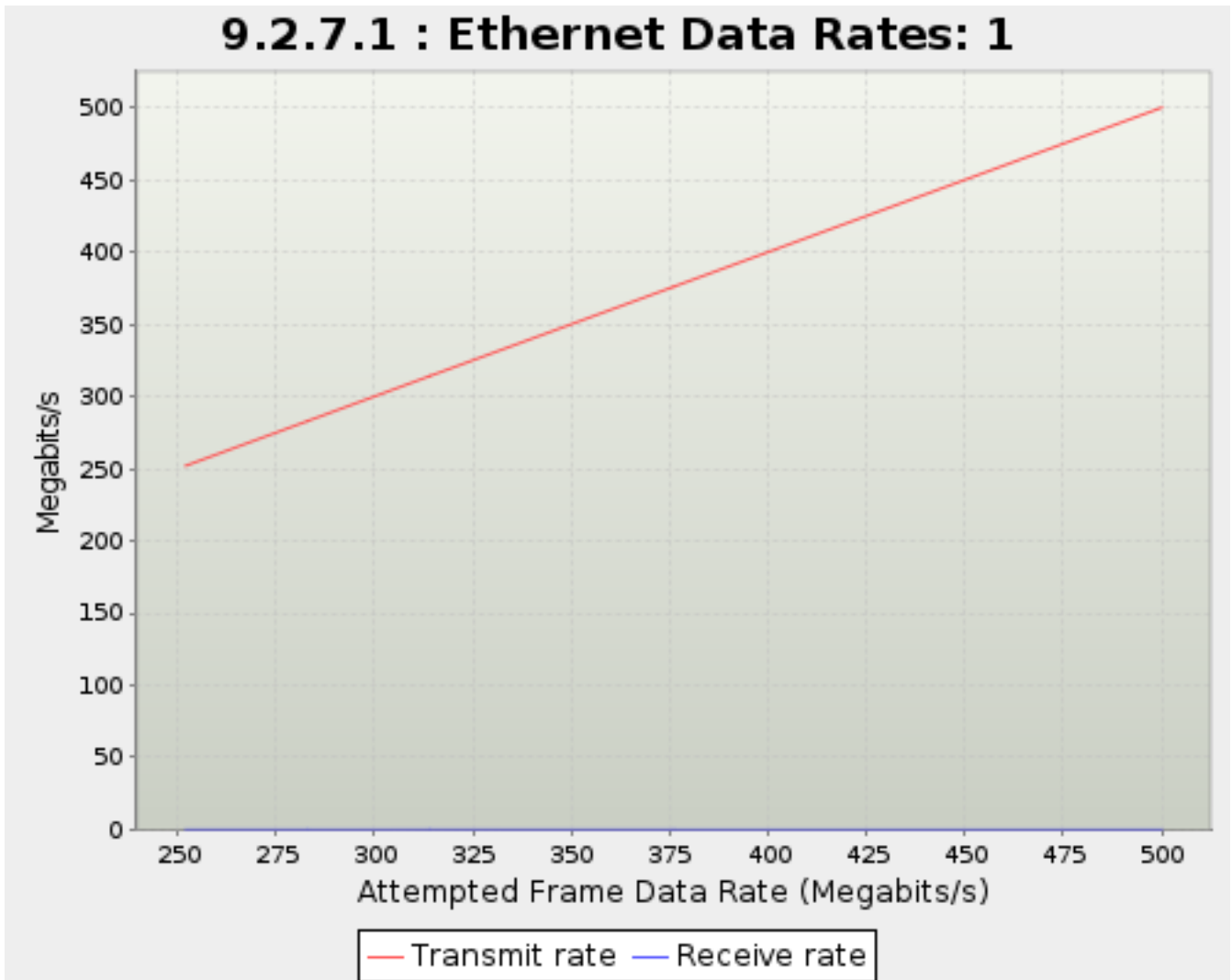
Data Rate shown includes Ethernet overhead.

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>
252	64.905	252.1	253.6
283	64.169	283.1	284.5
314	64.935	314.1	315.2
376	64.280	~376	379.1
500	64.572	500.1	502.4

9.2.7.1. Ethernet Data Rates: 1



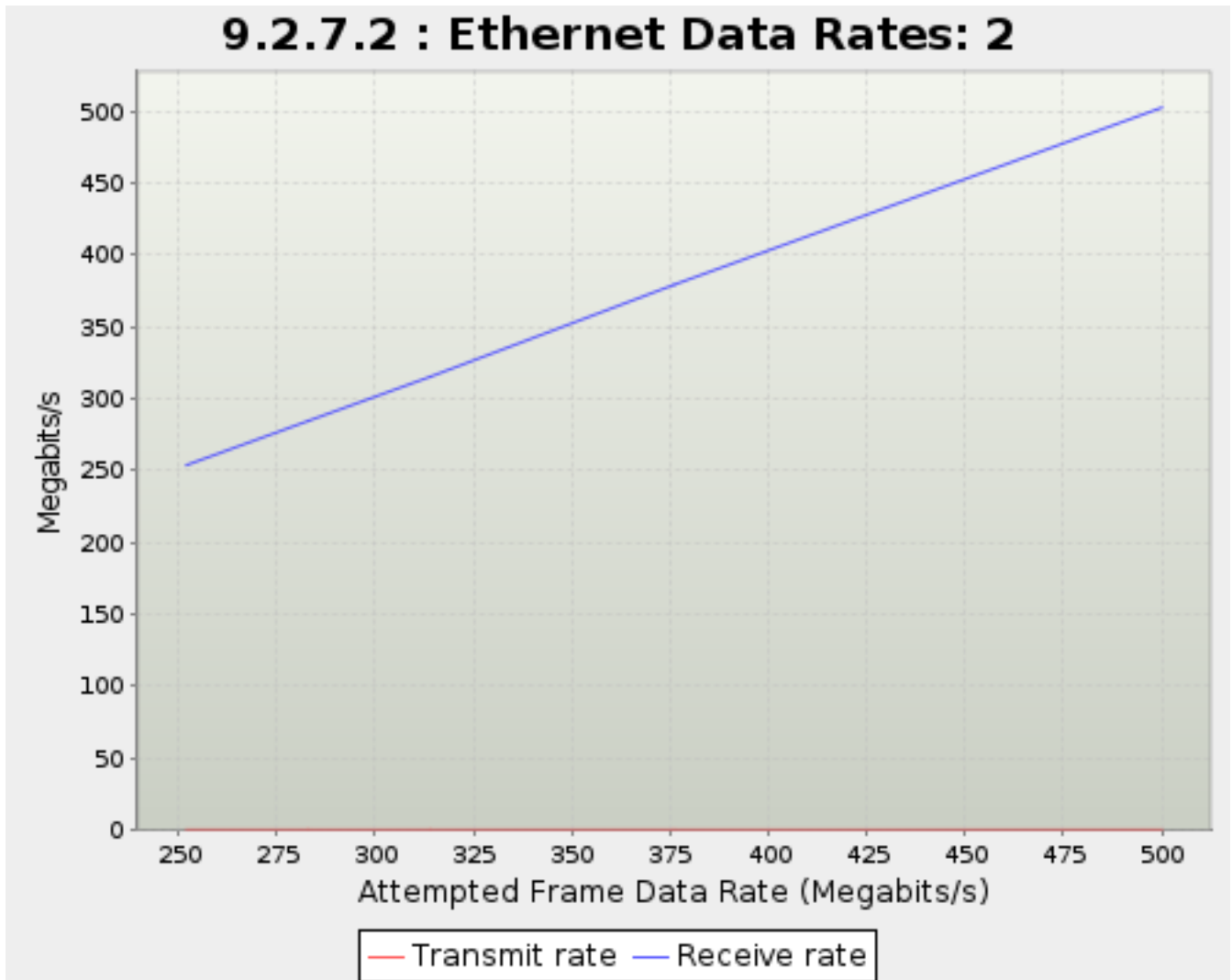
Data Rate shown includes Ethernet overhead.

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>
252	64.905	~252	0.04176
283	64.169	~283	0.03493
314	64.935	314.1	0.06130
376	64.280	~376	0.03286
500	64.572	~500	0.03638

9.2.7.2. Ethernet Data Rates: 2



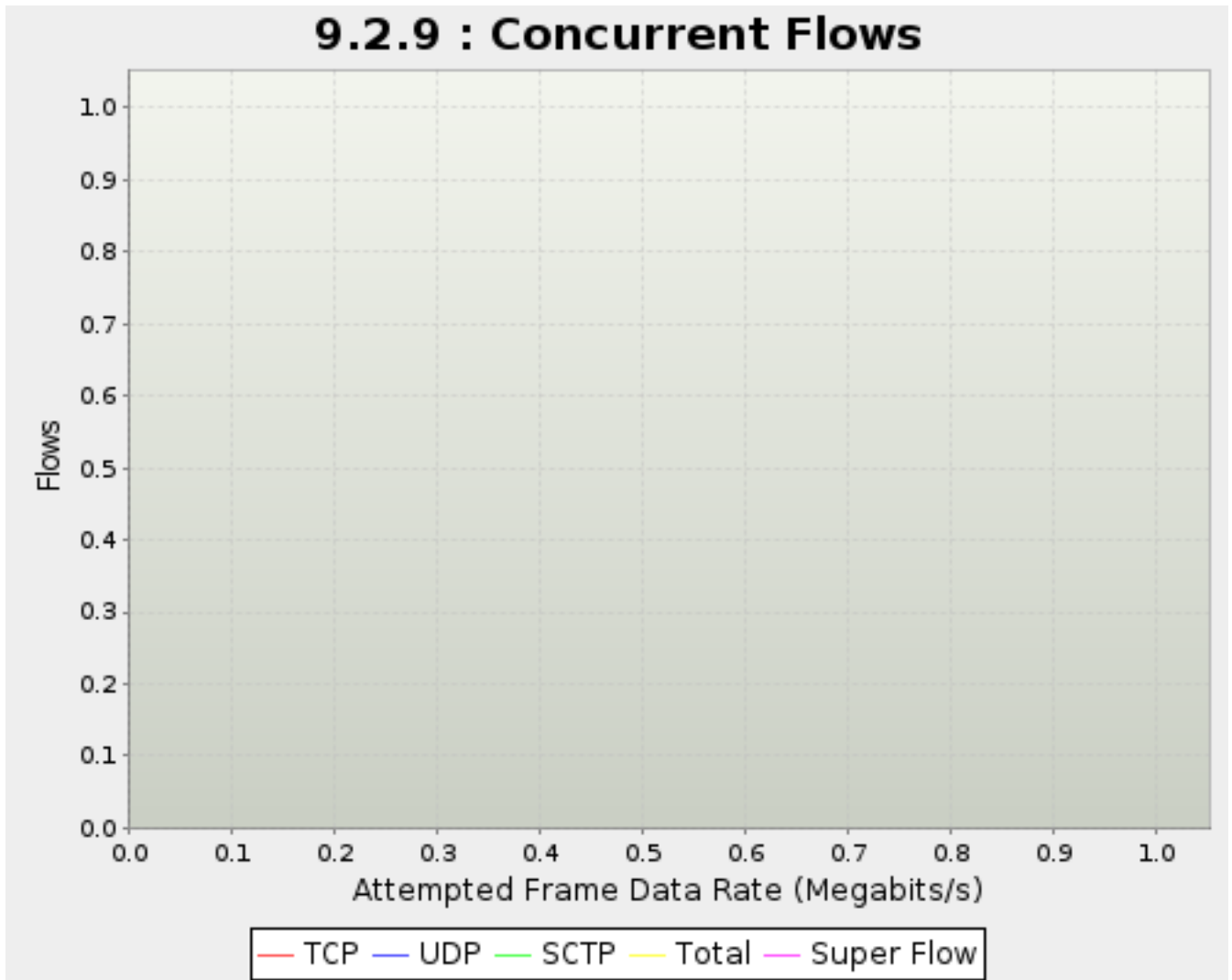
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

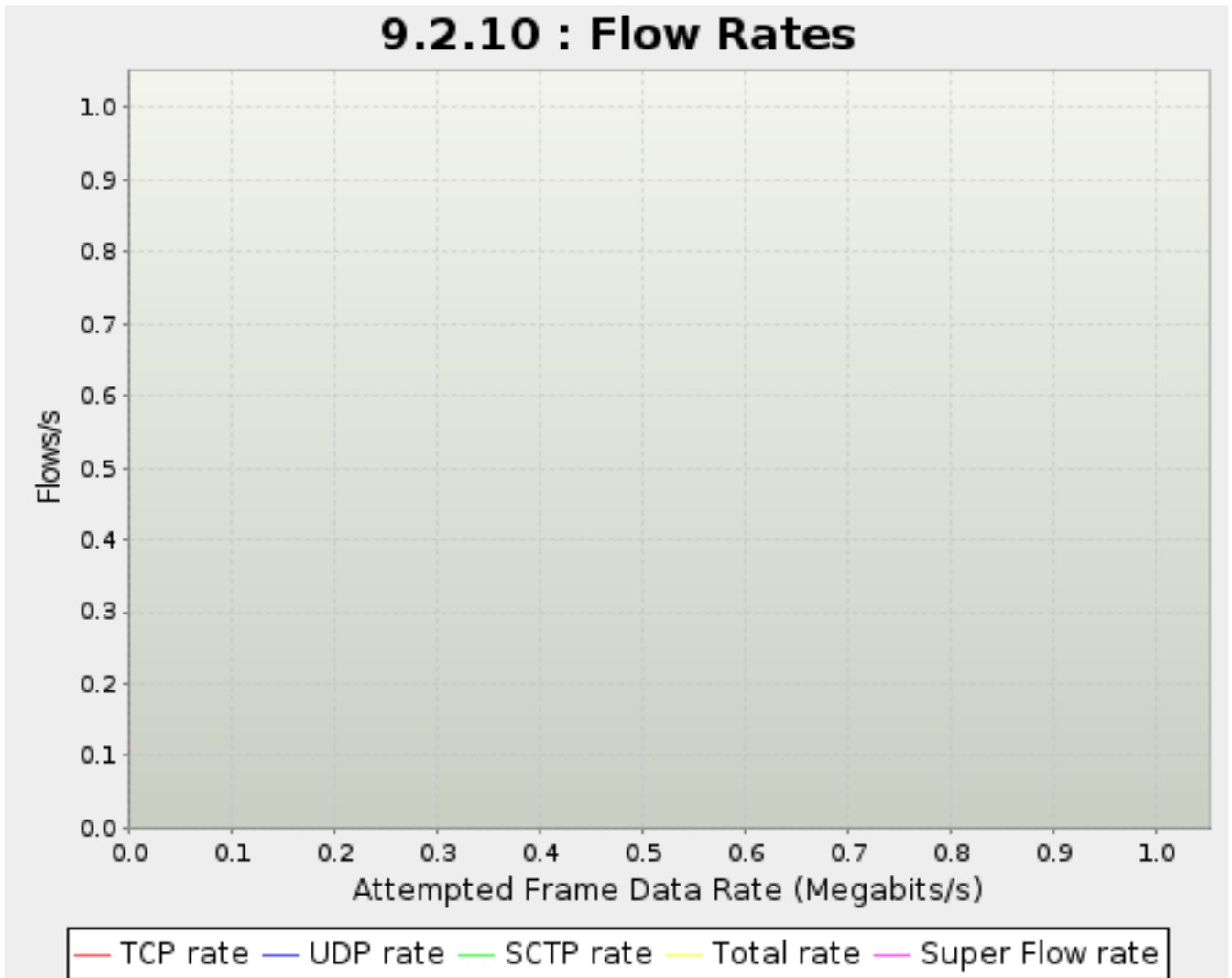
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
252	64.905	0.02001	253.6
283	64.169	0.01973	284.4
314	64.935	0.02021	315.1
376	64.280	0.02021	379.1
500	64.572	0.02021	502.3

9.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
252	64.895	0	0	0	0	0
283	63.524	0	0	0	0	0
314	64.899	0	0	0	0	0
376	63.560	0	0	0	0	0
500	63.723	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>				
252	64.895	0.00	0.00	0.00	0.00	0.00
283	63.524	0.00	0.00	0.00	0.00	0.00
314	64.899	0.00	0.00	0.00	0.00	0.00
376	63.560	0.00	0.00	0.00	0.00	0.00
500	63.723	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>	
252	0		192.168.0.0/16	192.168.0.1	up
252	0		10.201.0.0/16	10.201.0.254	up
283	0		10.201.0.0/16	10.201.0.254	up
283	0		192.168.0.0/16	192.168.0.1	up
314	0		192.168.0.0/16	192.168.0.1	up
314	0		10.201.0.0/16	10.201.0.254	up
376	0		10.201.0.0/16	10.201.0.254	up
376	0		192.168.0.0/16	192.168.0.1	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

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>	
252	0		192.168.0.0/16	192.168.0.1	up
283	0		192.168.0.0/16	192.168.0.1	up
314	0		192.168.0.0/16	192.168.0.1	up
376	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>	
252	0		10.201.0.0/16	10.201.0.254	up
283	0		10.201.0.0/16	10.201.0.254	up
314	0		10.201.0.0/16	10.201.0.254	up
376	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>							
252	64.911	6	6	890	870	0	20	0	0
283	64.167	6	6	1,022	1,004	0	18	0	0
314	64.935	6	6	1,108	1,088	0	20	0	0
376	64.272	6	6	990	969	0	21	0	0
500	64.567	6	6	930	906	0	24	0	0

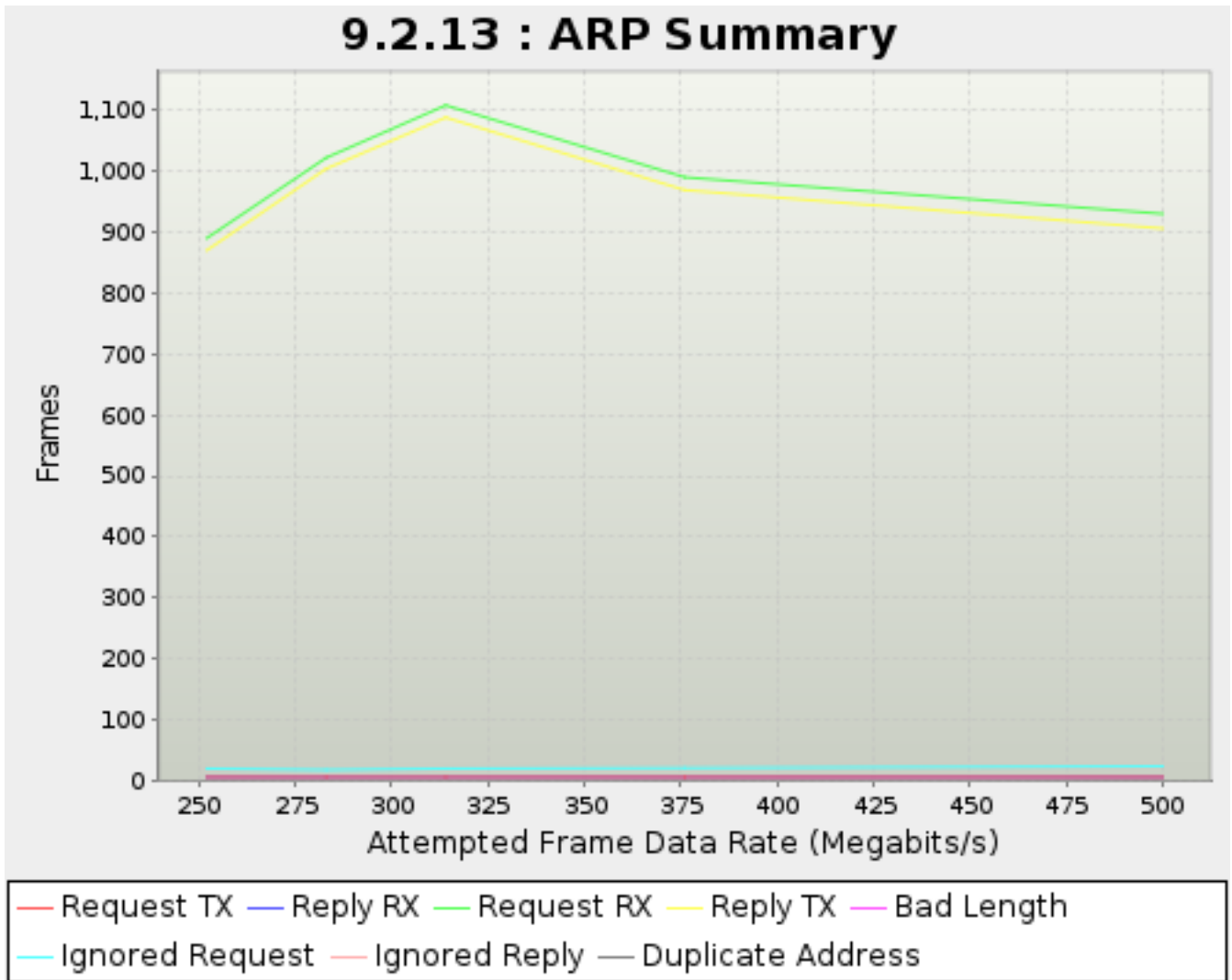
9.2.12.1. ARP: 1

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>							
252	64.911	3	3	811	808	0	3	0	0
283	64.167	3	3	945	942	0	3	0	0
314	64.935	3	3	1,029	1,025	0	4	0	0
376	64.272	3	3	853	848	0	5	0	0
500	64.567	3	3	853	845	0	8	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>							
252	64.911	3	3	79	62	0	17	0	0
283	64.167	3	3	77	62	0	15	0	0
314	64.935	3	3	79	63	0	16	0	0
376	64.272	3	3	137	121	0	16	0	0
500	64.567	3	3	77	61	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>							
252	6	6	890	870	0	20	0	0
283	6	6	1,022	1,004	0	18	0	0
314	6	6	1,108	1,088	0	20	0	0
376	6	6	990	969	0	21	0	0
500	6	6	930	906	0	24	0	0

9.2.16. Slot 1 NP np1-0 statistics

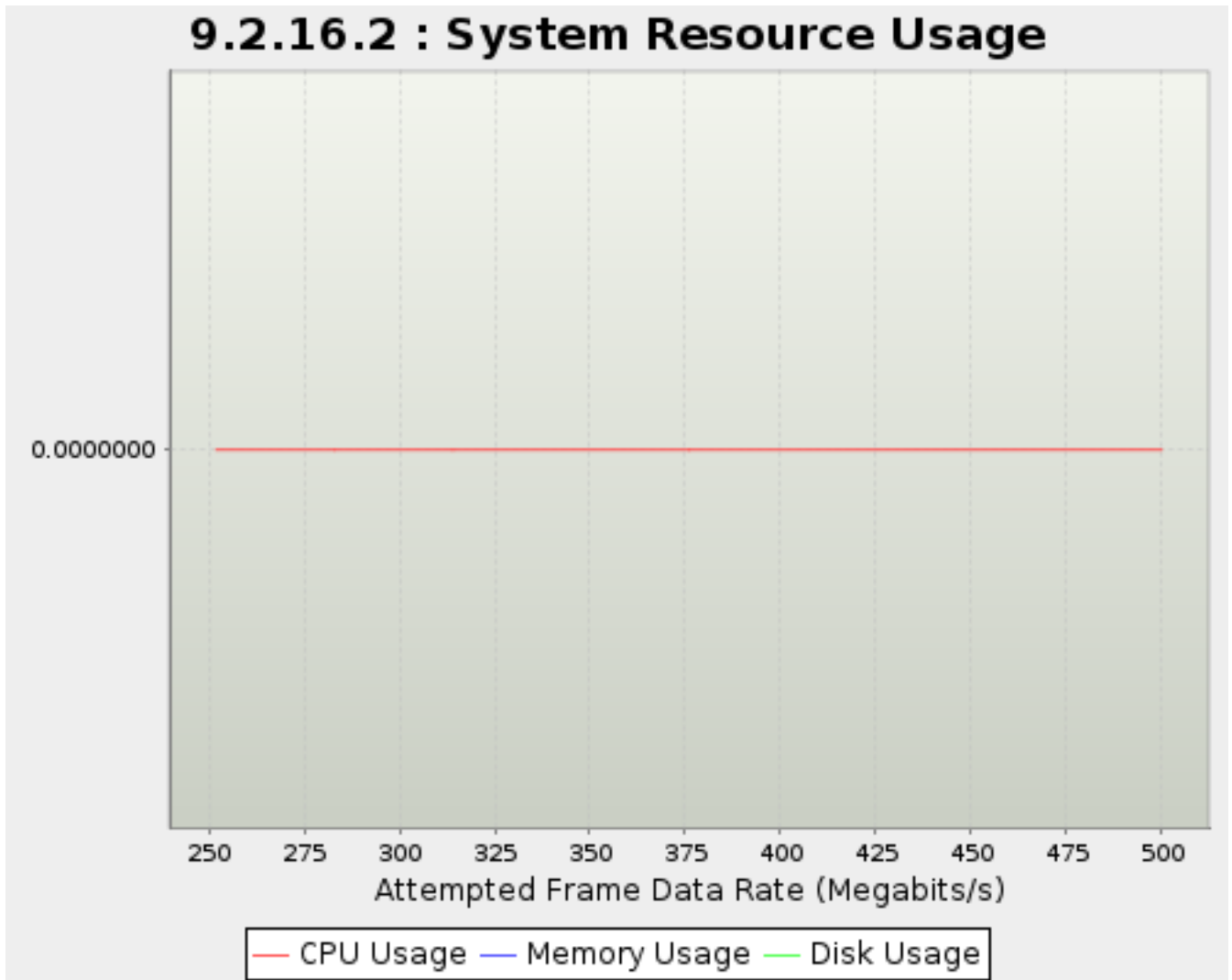
9.2.16.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

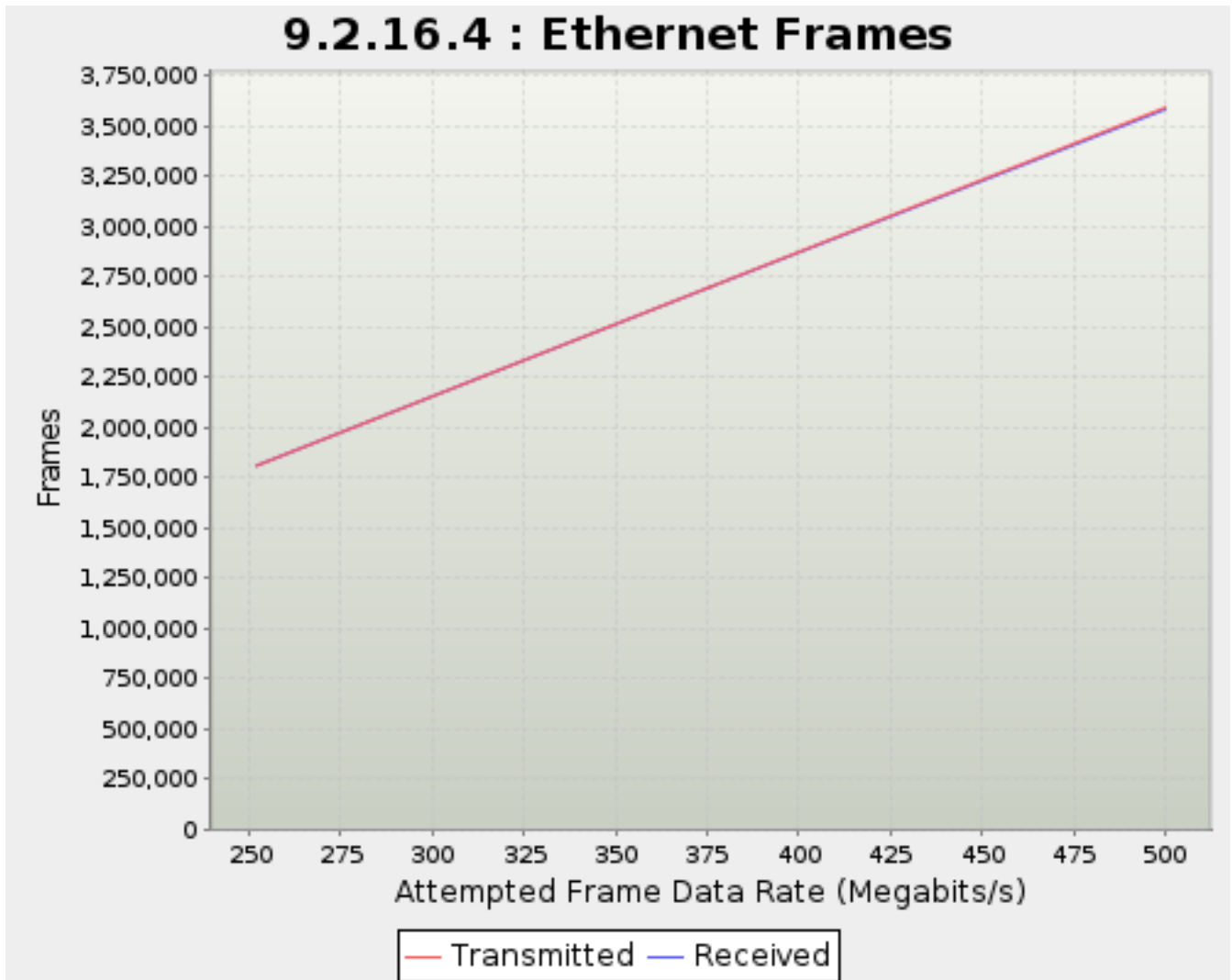
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0

9.2.16.2. System Resource Usage



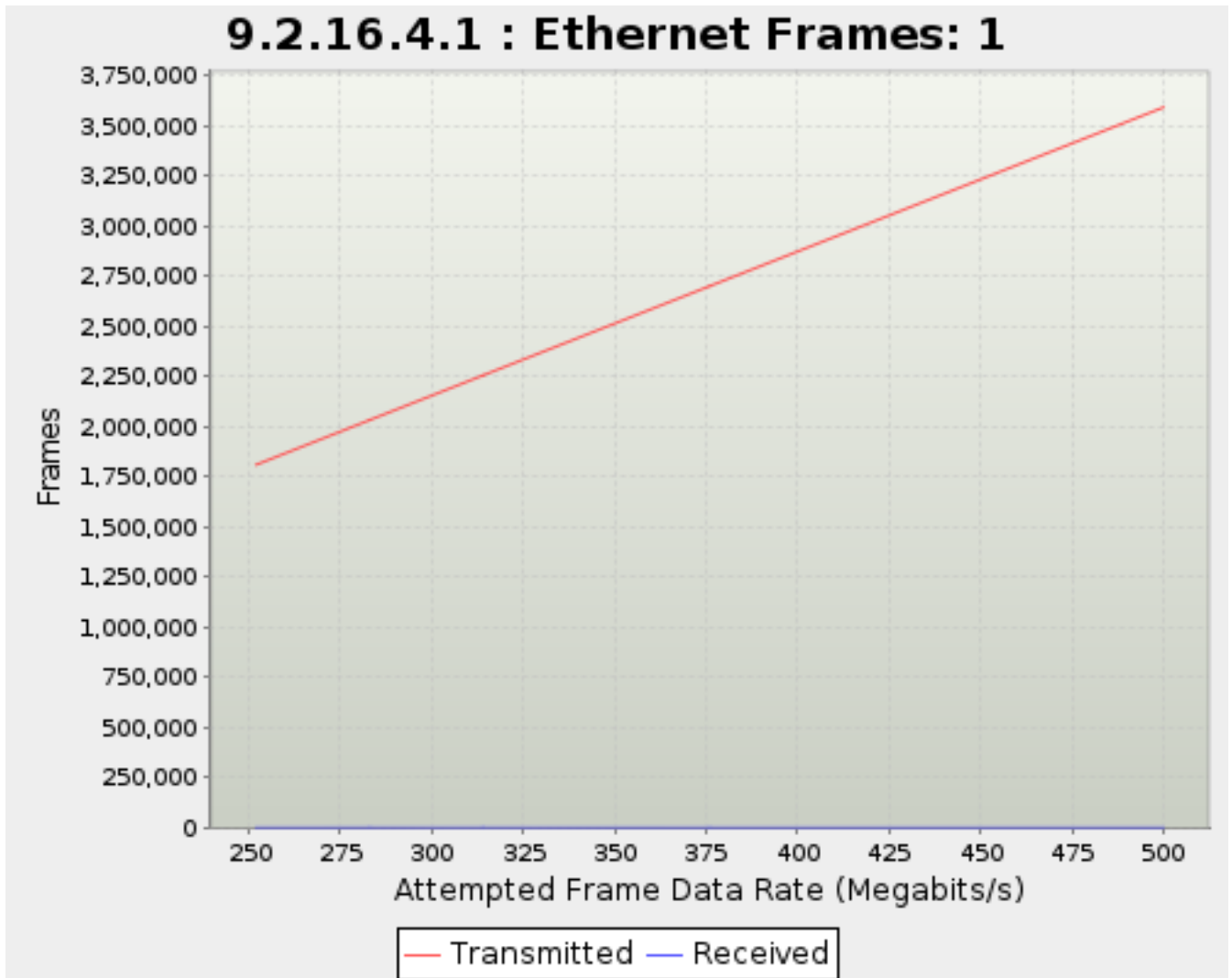
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
252	64.911	0	0	0
283	64.167	0	0	0
314	64.935	0	0	0
376	64.272	0	0	0
500	64.567	0	0	0

9.2.16.4. Ethernet Frames



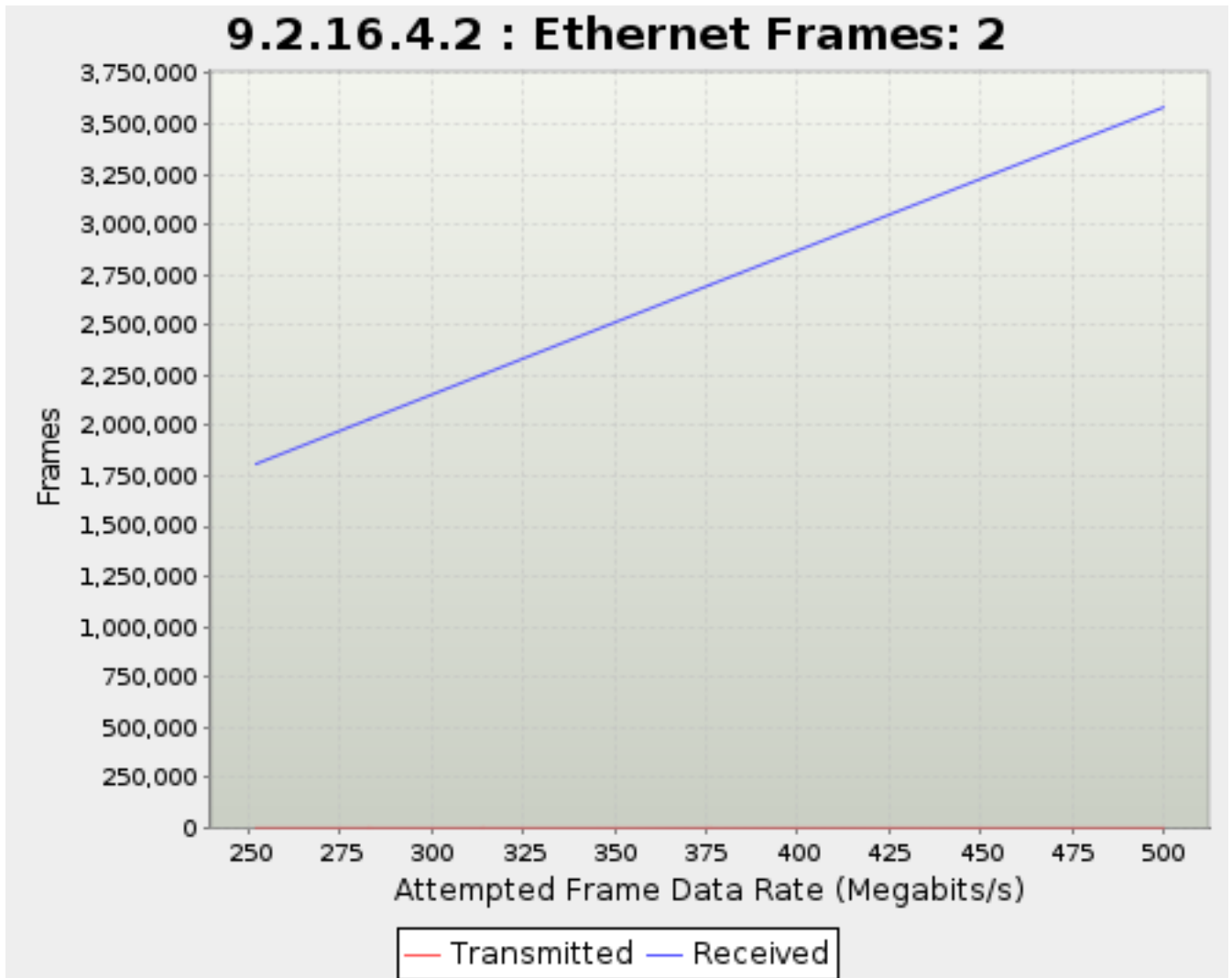
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
252	64.905	1,811,260	1,811,352 100.005%
283	64.169	2,034,114	2,034,150 100.002%
314	64.935	2,256,858	2,256,378 99.979%
376	64.280	2,702,179	2,701,097 99.960%
500	64.572	3,592,876	3,583,942 99.751%

9.2.16.4.1. Ethernet Frames: 1



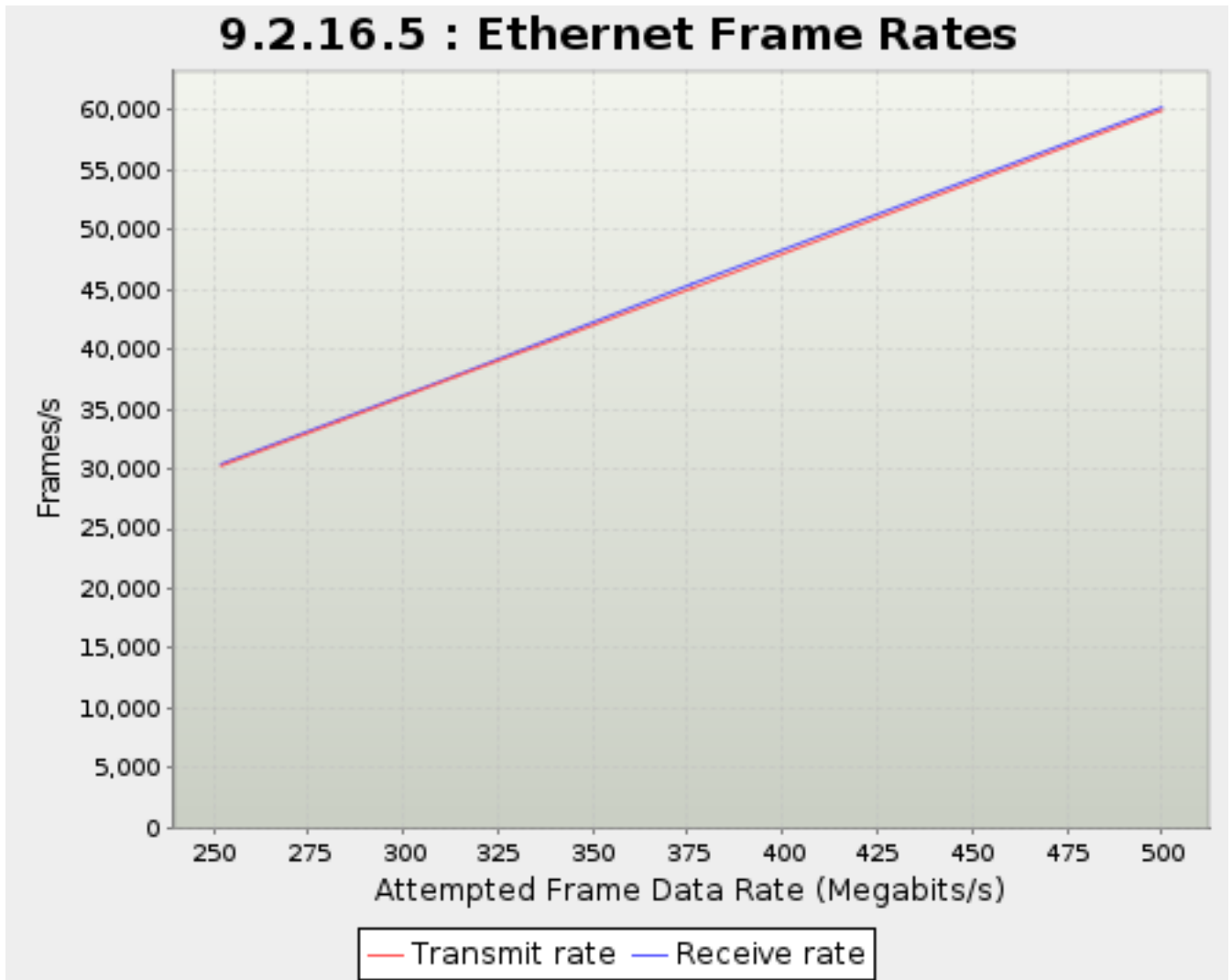
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
252	64.905	1,811,195	834 0.046%
283	64.169	2,034,049	948 0.047%
314	64.935	2,256,792	1,095 0.049%
376	64.280	2,702,055	856 0.032%
500	64.572	3,592,812	856 0.024%

9.2.16.4.2. Ethernet Frames: 2



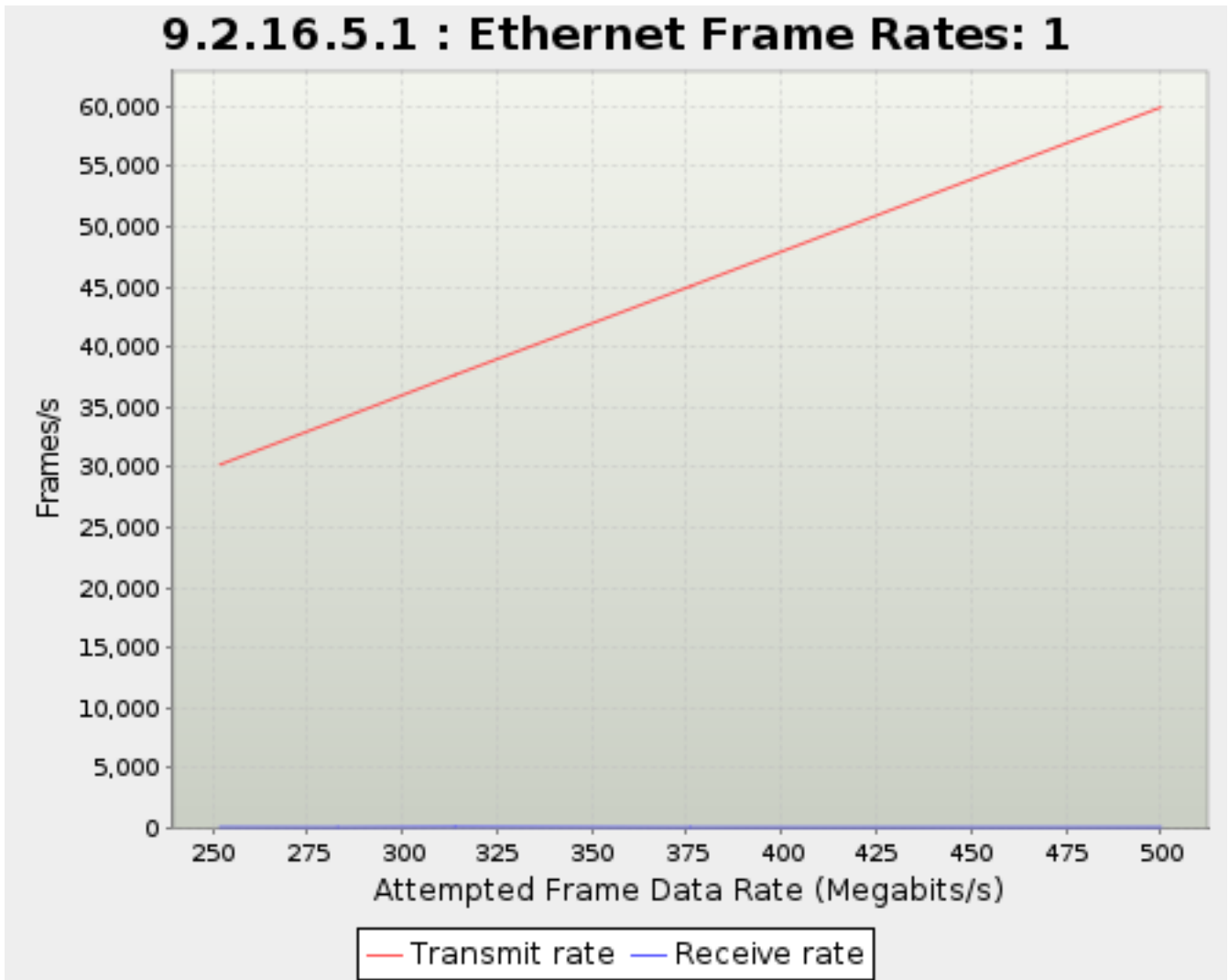
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
252	64.905	65	1,810,518 2785412.308%
283	64.169	65	2,033,202 3128003.077%
314	64.935	66	2,255,283 3417095.455%
376	64.280	124	2,700,241 2177613.710%
500	64.572	64	3,583,086 5598571.875%

9.2.16.5. Ethernet Frame Rates



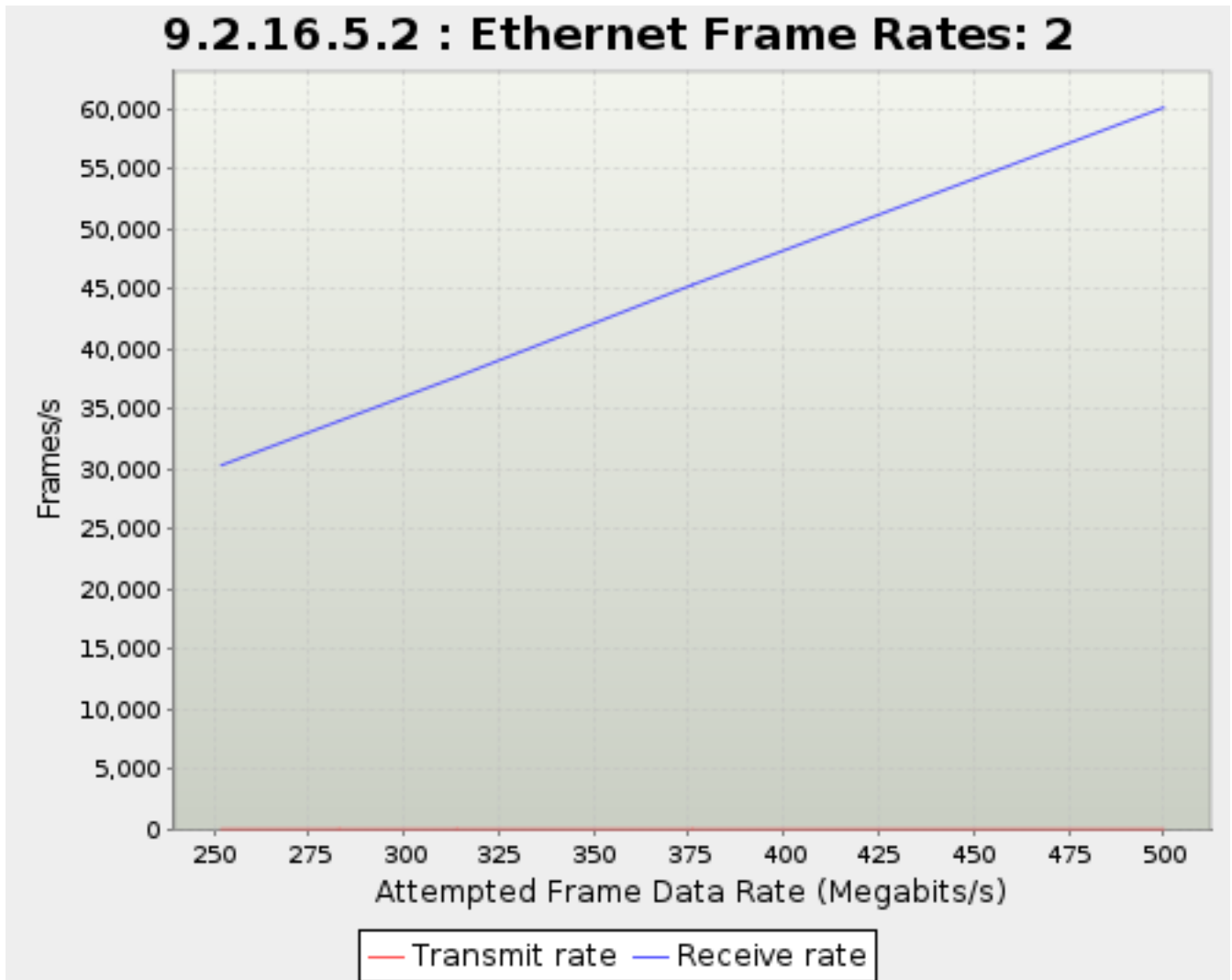
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
252	64.905	~30260	~30420
283	64.169	~33960	~34110
314	64.935	~37720	~37820
376	64.280	~45080	~45440
500	64.572	~59950	~60200

9.2.16.5.1. Ethernet Frame Rates: 1



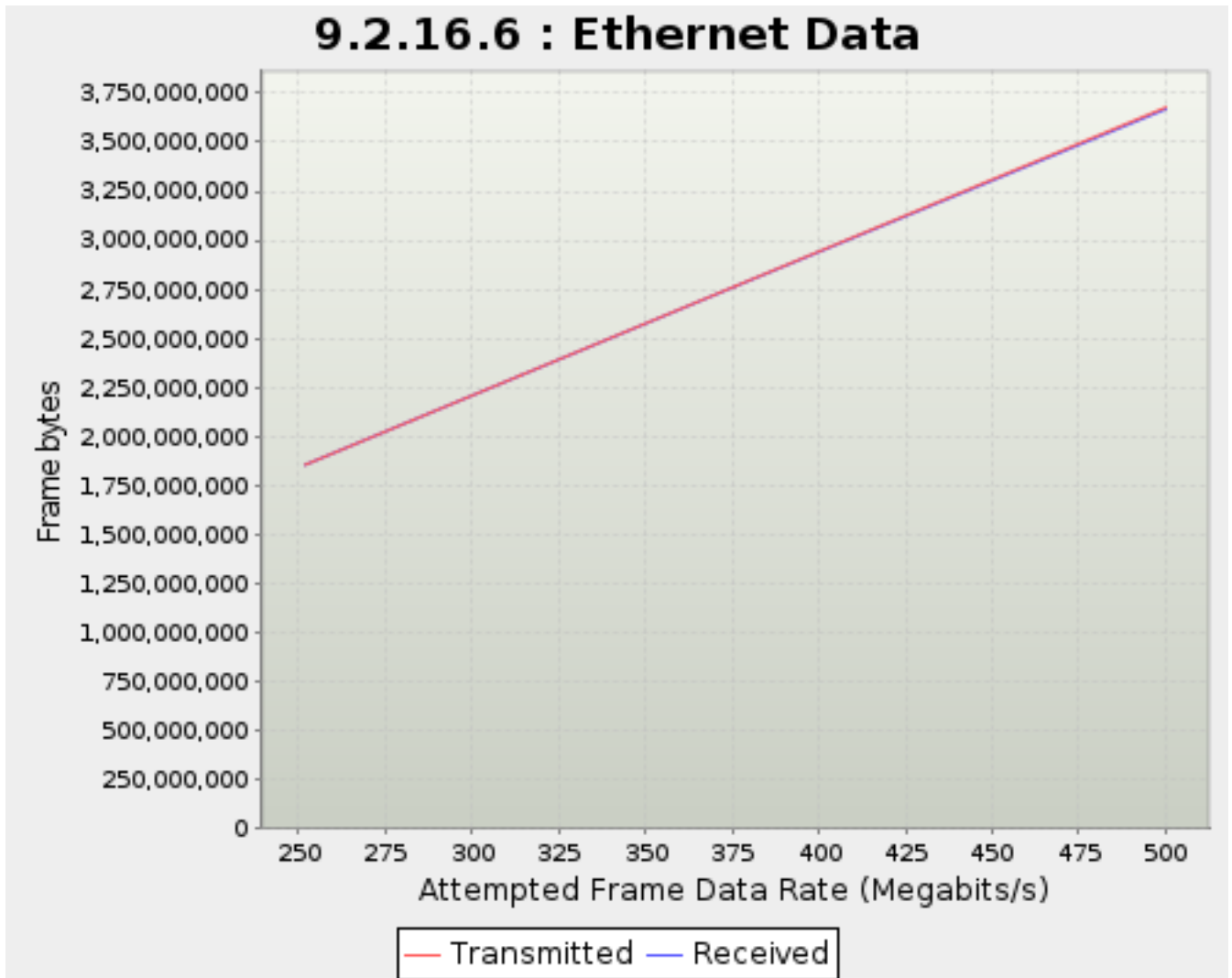
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
252	64.905	~30230	62.15
283	64.169	~33940	51.98
314	64.935	~37690	91.22
376	64.280	~45050	48.90
500	64.572	~59920	54.13

9.2.16.5.2. Ethernet Frame Rates: 2



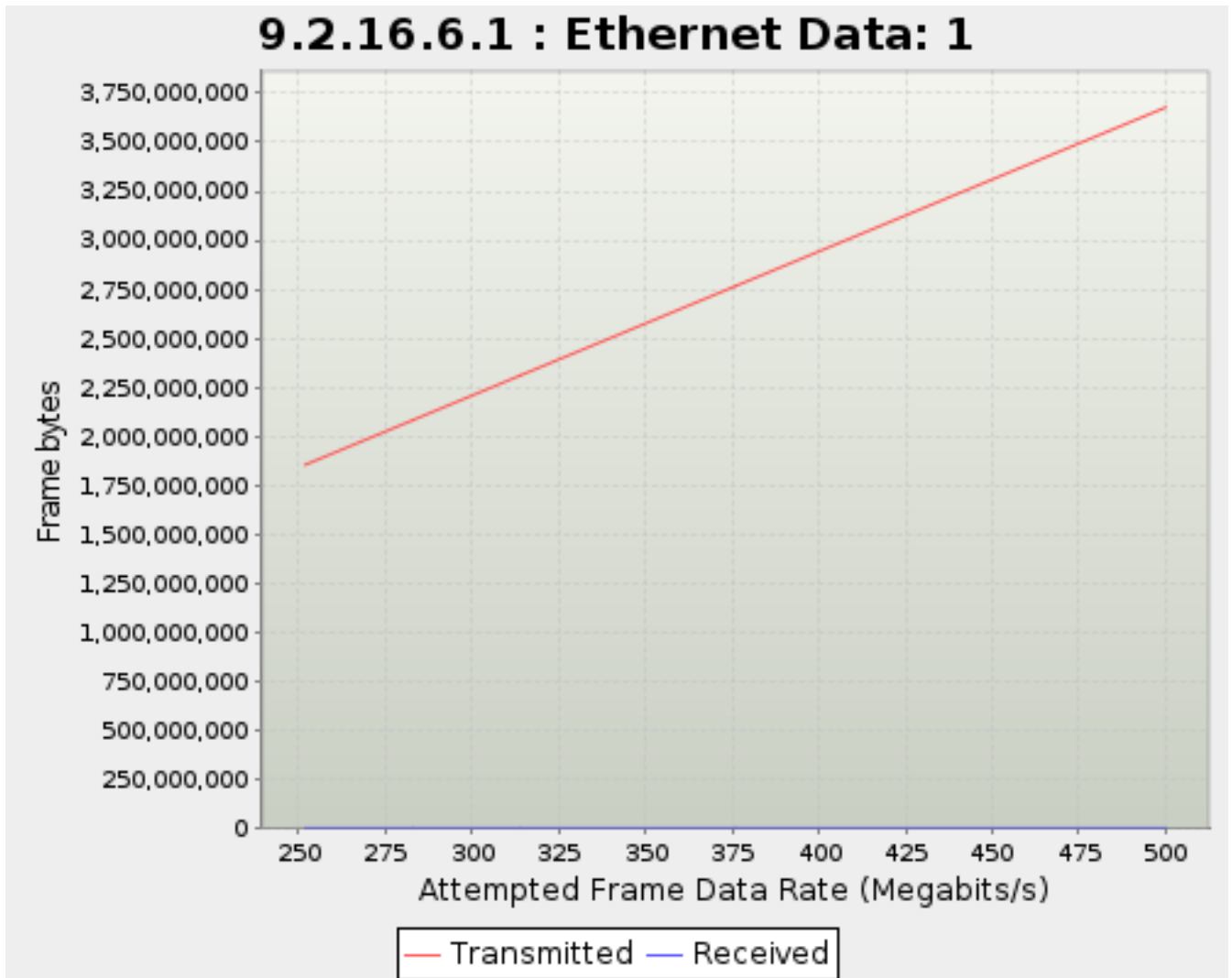
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
252	64.905	29.77	~30360
283	64.169	29.37	~34050
314	64.935	30.07	~37730
376	64.280	30.07	~45390
500	64.572	30.07	~60150

9.2.16.6. Ethernet Data



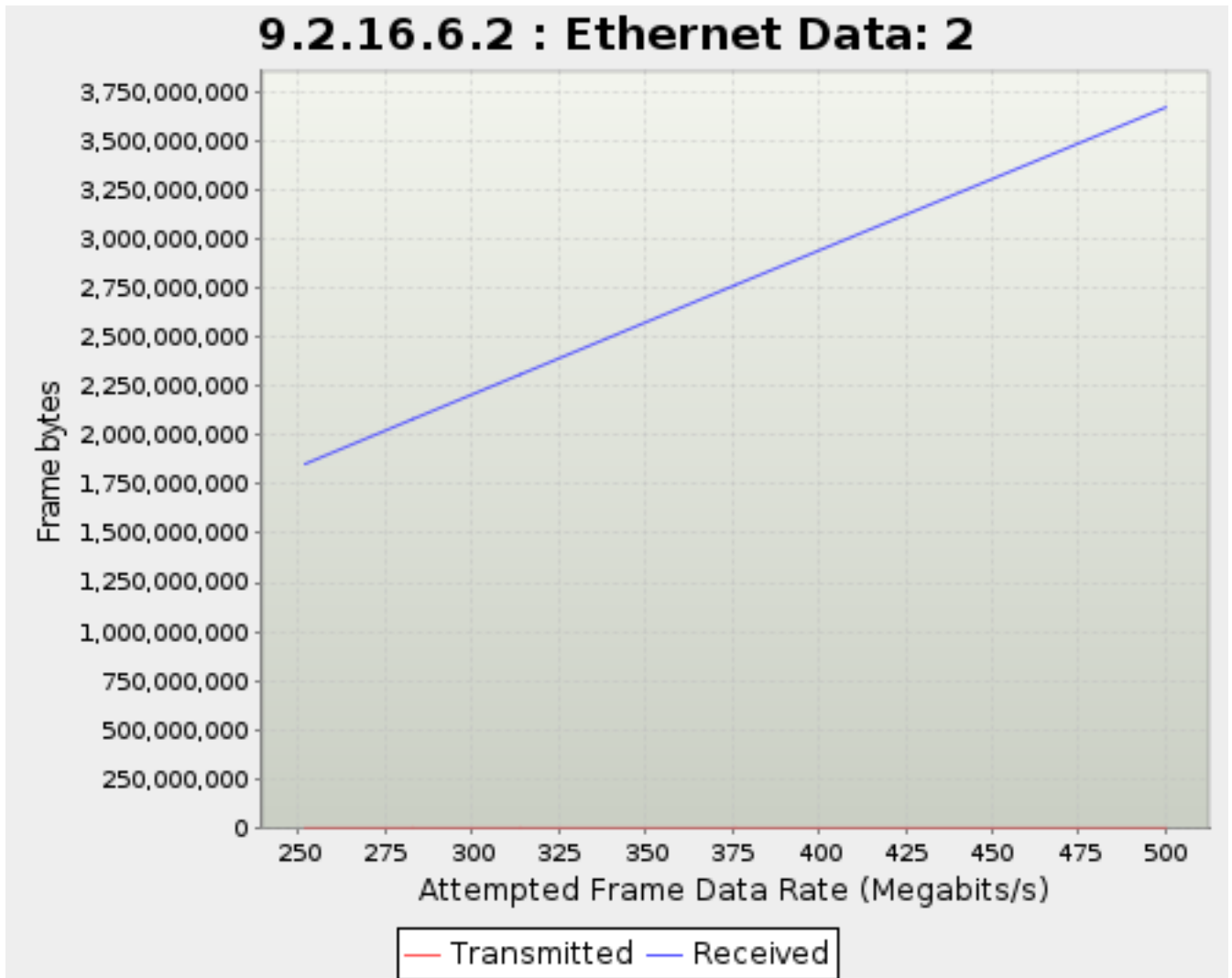
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
252	64.905	1,853,889,280	1,853,895,502 100.000%
283	64.169	2,081,963,136	2,081,932,265 99.999%
314	64.935	2,309,972,352	2,309,350,502 99.973%
376	64.280	2,766,095,296	2,764,918,526 99.957%
500	64.572	3,678,229,504	3,669,007,566 99.749%

9.2.16.6.1. Ethernet Data: 1



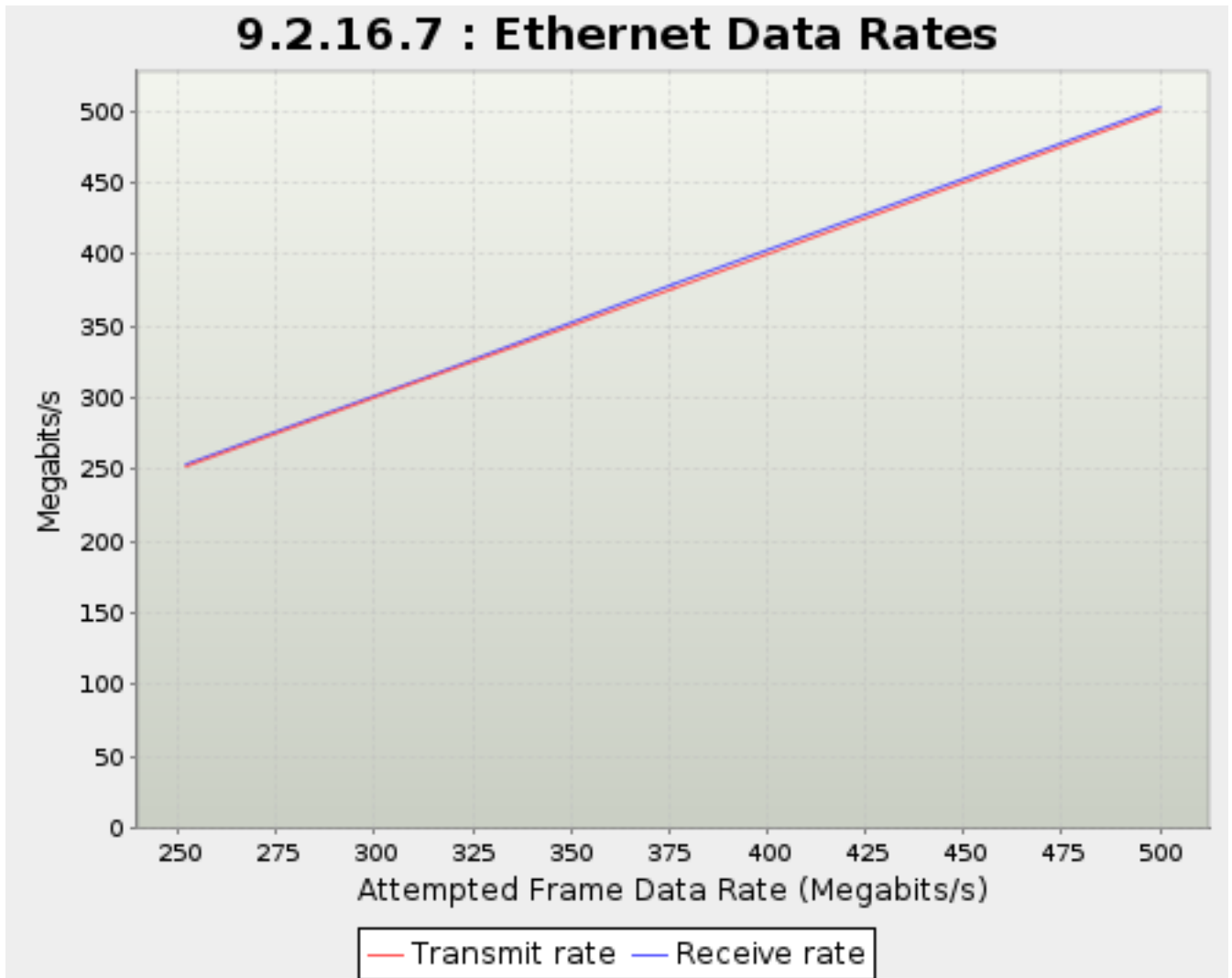
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
252	64.905	1,853,885,120	53,376 0.003%
283	64.169	2,081,958,976	60,672 0.003%
314	64.935	2,309,968,128	70,080 0.003%
376	64.280	2,766,087,360	54,784 0.002%
500	64.572	3,678,225,408	54,784 0.001%

9.2.16.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
252	64.905	4,160	1,853,842,126 44563512.644%
283	64.169	4,160	2,081,871,593 50044990.216%
314	64.935	4,224	2,309,280,422 54670464.536%
376	64.280	7,936	2,764,863,742 34839512.878%
500	64.572	4,096	3,668,952,782 89574042.529%

9.2.16.7. Ethernet Data Rates



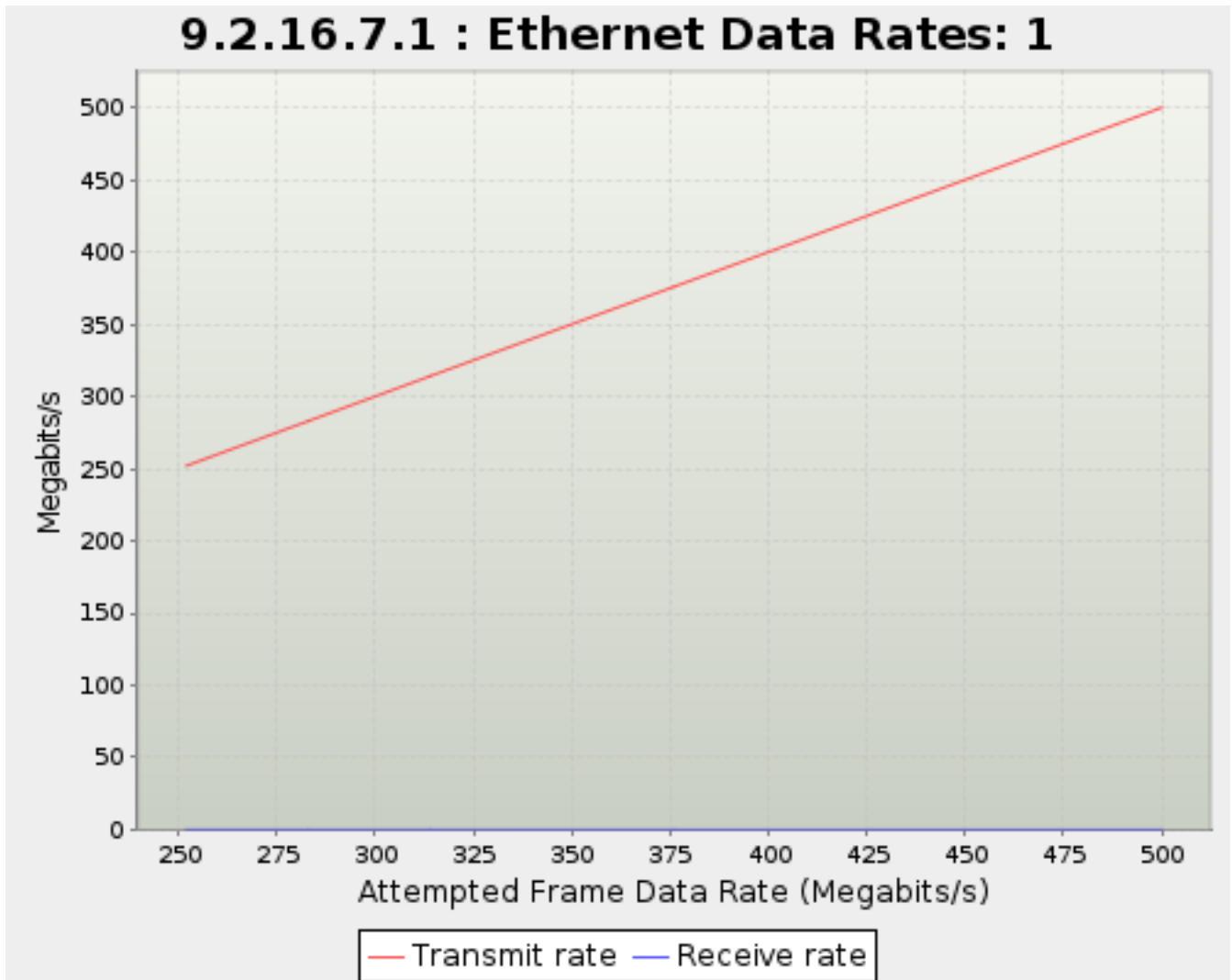
Data Rate shown includes Ethernet overhead.

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>
252	64.905	252.1	253.6
283	64.169	283.1	284.5
314	64.935	314.1	315.2
376	64.280	~376	379.1
500	64.572	500.1	502.4

9.2.16.7.1. Ethernet Data Rates: 1



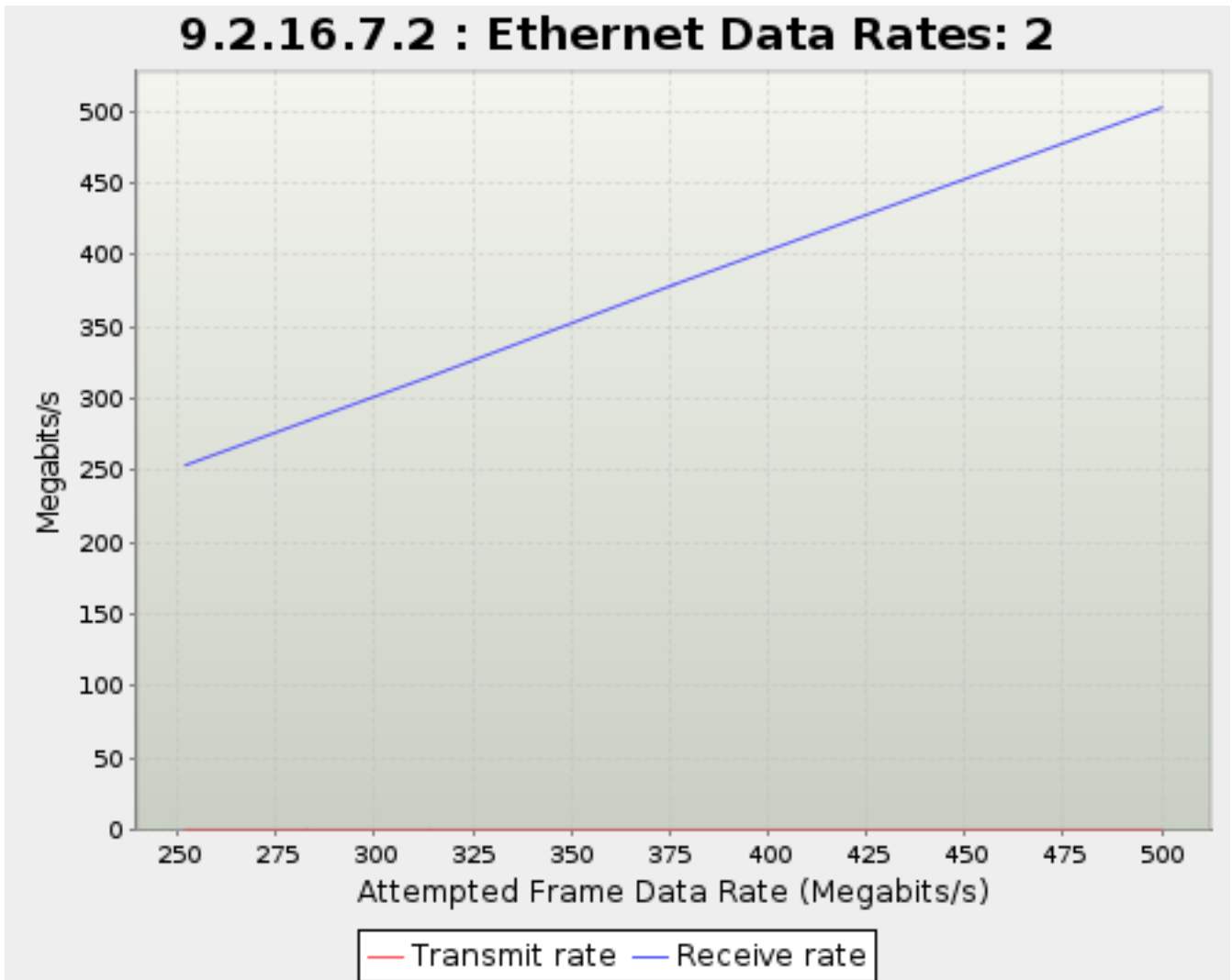
Data Rate shown includes Ethernet overhead.

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>
252	64.905	~252	0.04176
283	64.169	~283	0.03493
314	64.935	314.1	0.06130
376	64.280	~376	0.03286
500	64.572	~500	0.03638

9.2.16.7.2. Ethernet Data Rates: 2



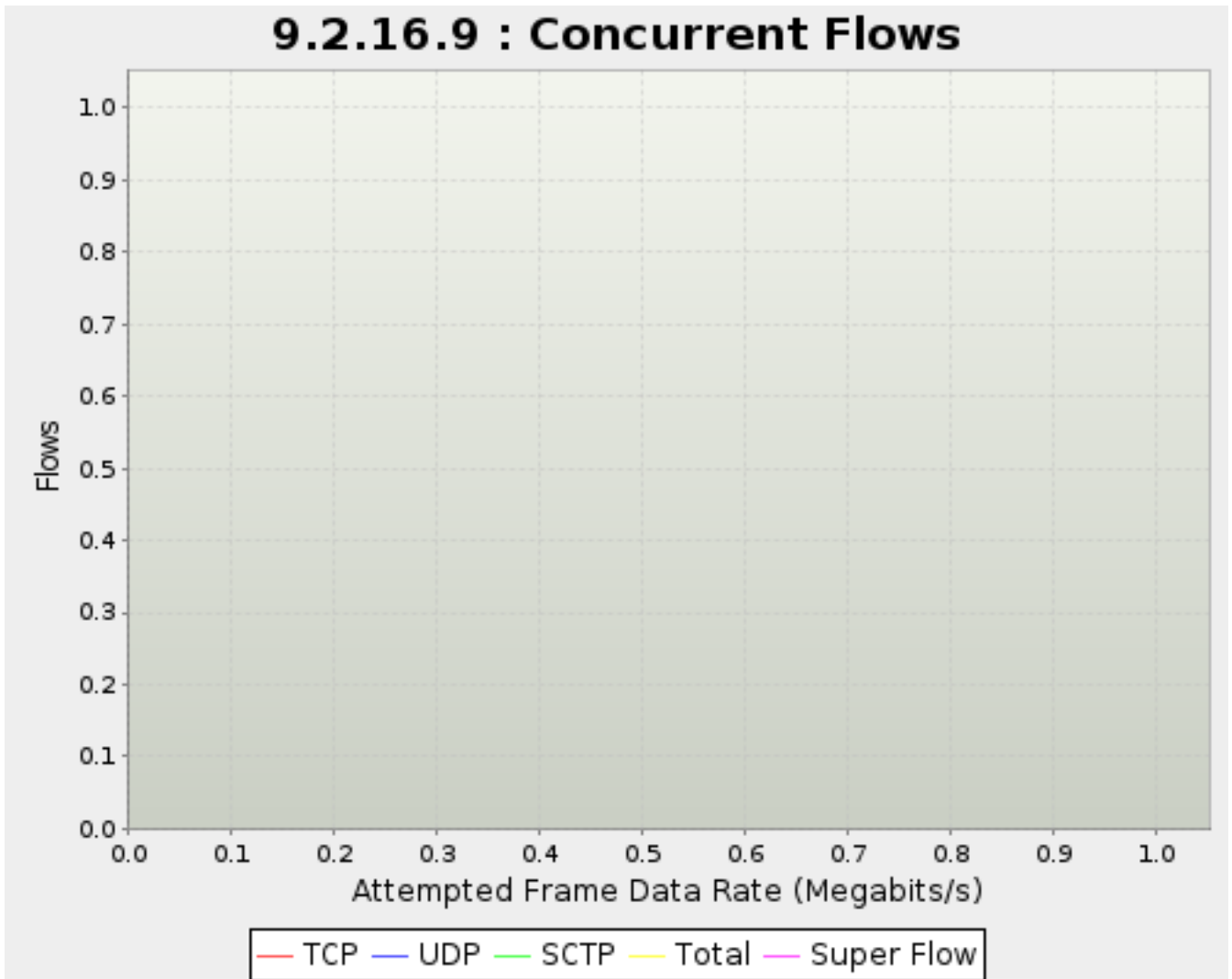
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

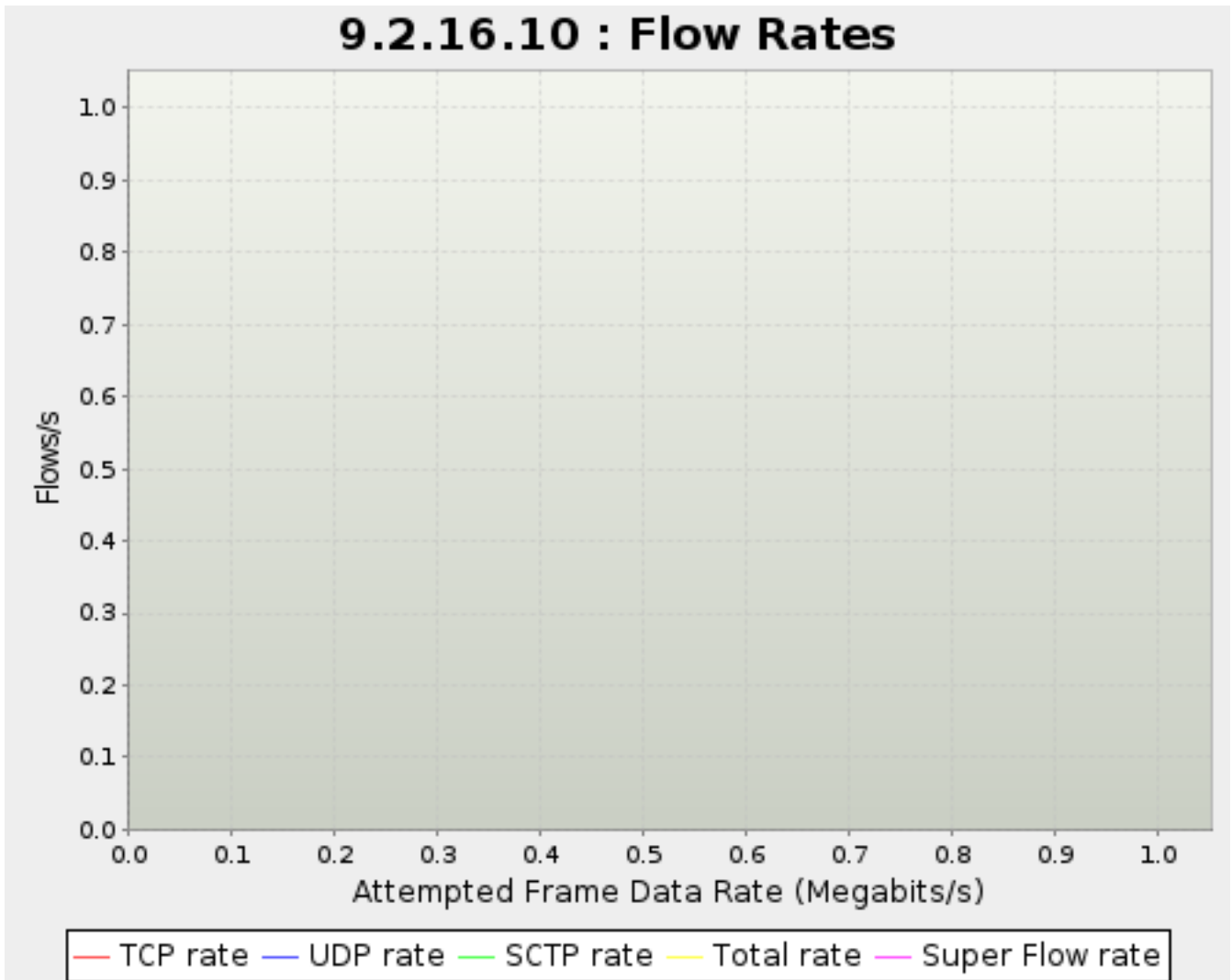
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
252	64.905	0.02001	253.6
283	64.169	0.01973	284.4
314	64.935	0.02021	315.1
376	64.280	0.02021	379.1
500	64.572	0.02021	502.3

9.2.16.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
252	64.895	0	0	0	0	0
283	63.524	0	0	0	0	0
314	64.899	0	0	0	0	0
376	63.560	0	0	0	0	0
500	63.723	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>				
252	64.895	0.00	0.00	0.00	0.00	0.00
283	63.524	0.00	0.00	0.00	0.00	0.00
314	64.899	0.00	0.00	0.00	0.00	0.00
376	63.560	0.00	0.00	0.00	0.00	0.00
500	63.723	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>	
252	0		192.168.0.0/16	192.168.0.1	up
252	0		10.201.0.0/16	10.201.0.254	up
283	0		10.201.0.0/16	10.201.0.254	up
283	0		192.168.0.0/16	192.168.0.1	up
314	0		192.168.0.0/16	192.168.0.1	up
314	0		10.201.0.0/16	10.201.0.254	up
376	0		10.201.0.0/16	10.201.0.254	up
376	0		192.168.0.0/16	192.168.0.1	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

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>	
252	0		192.168.0.0/16	192.168.0.1	up
283	0		192.168.0.0/16	192.168.0.1	up
314	0		192.168.0.0/16	192.168.0.1	up
376	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>	
252	0		10.201.0.0/16	10.201.0.254	up
283	0		10.201.0.0/16	10.201.0.254	up
314	0		10.201.0.0/16	10.201.0.254	up
376	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>							
252	64.911	6	6	890	870	0	20	0	0
283	64.167	6	6	1,022	1,004	0	18	0	0
314	64.935	6	6	1,108	1,088	0	20	0	0
376	64.272	6	6	990	969	0	21	0	0
500	64.567	6	6	930	906	0	24	0	0

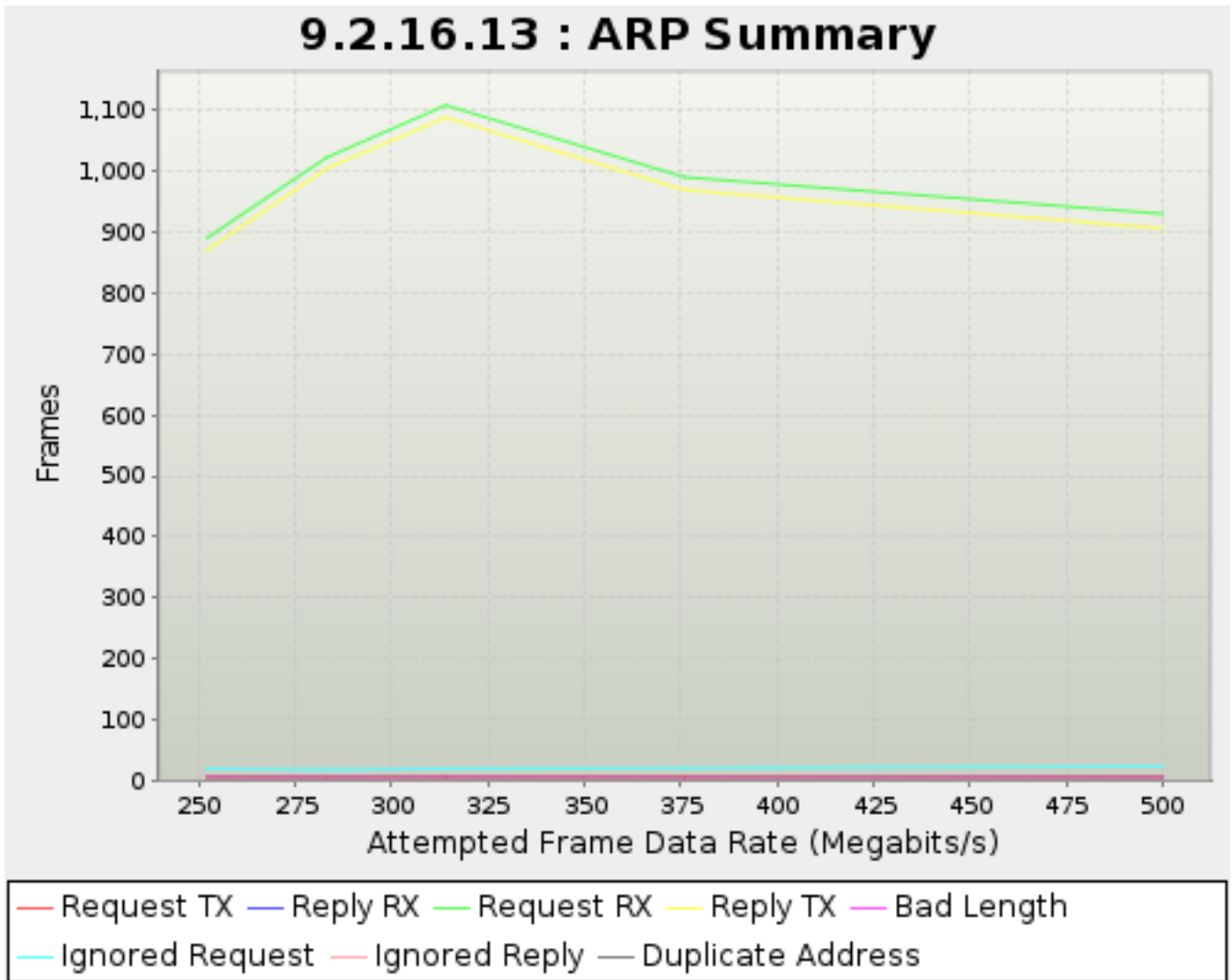
9.2.16.12.1. ARP: 1

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>							
252	64.911	3	3	811	808	0	3	0	0
283	64.167	3	3	945	942	0	3	0	0
314	64.935	3	3	1,029	1,025	0	4	0	0
376	64.272	3	3	853	848	0	5	0	0
500	64.567	3	3	853	845	0	8	0	0

9.2.16.12.2. ARP: 2

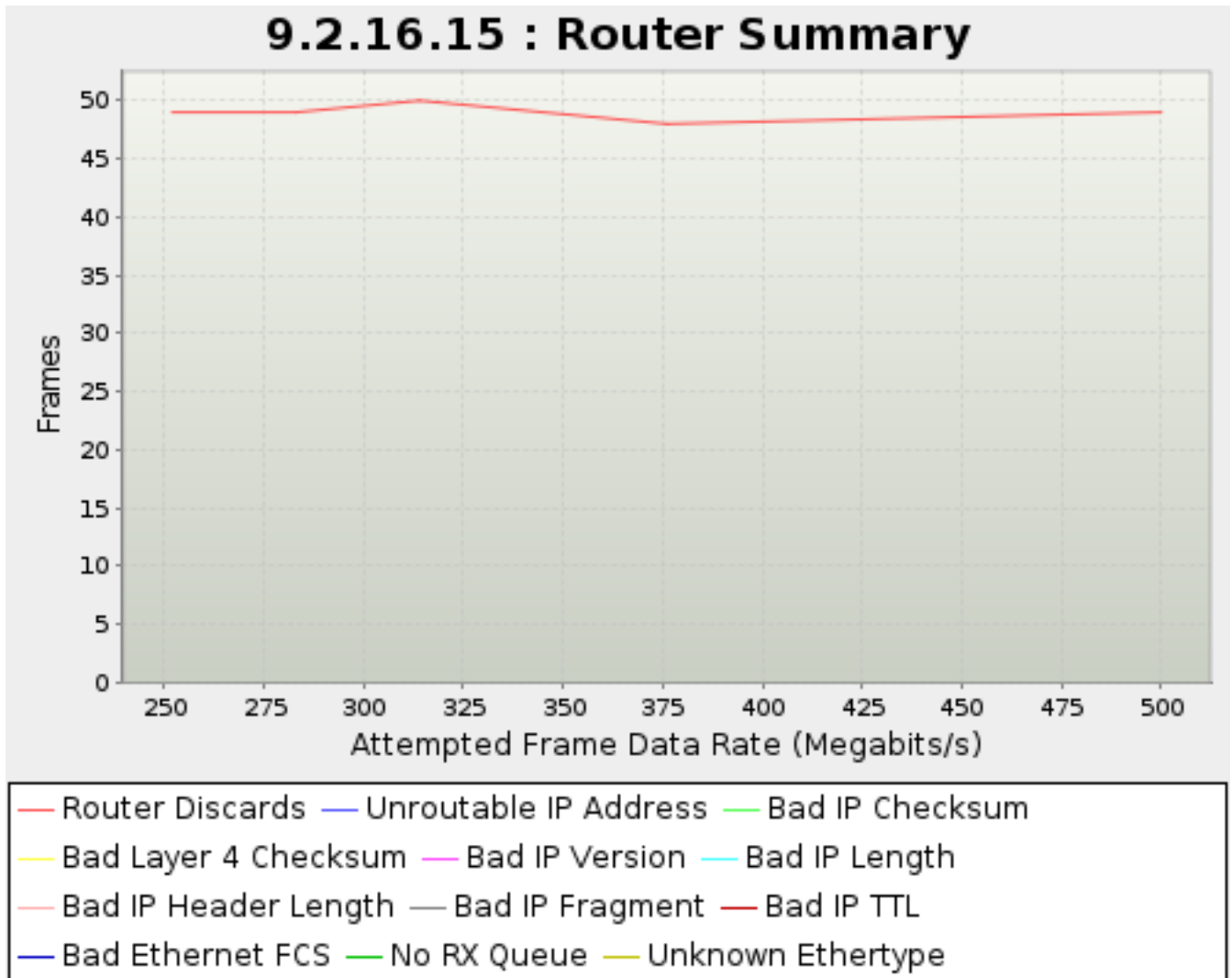
Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
252	64.911	3	3	79	62	0	17	0	0
283	64.167	3	3	77	62	0	15	0	0
314	64.935	3	3	79	63	0	16	0	0
376	64.272	3	3	137	121	0	16	0	0
500	64.567	3	3	77	61	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>								
252	6	6	890	870	0	20	0	0
283	6	6	1,022	1,004	0	18	0	0
314	6	6	1,108	1,088	0	20	0	0
376	6	6	990	969	0	21	0	0
500	6	6	930	906	0	24	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
	Frames											
252	49	0	0	0	0	0	0	0	0	0	0	0
283	49	0	0	0	0	0	0	0	0	0	0	0
314	50	0	0	0	0	0	0	0	0	0	0	0
376	48	0	0	0	0	0	0	0	0	0	0	0
500	49	0	0	0	0	0	0	0	0	0	0	0

9.2.17. System Controller 0 statistics

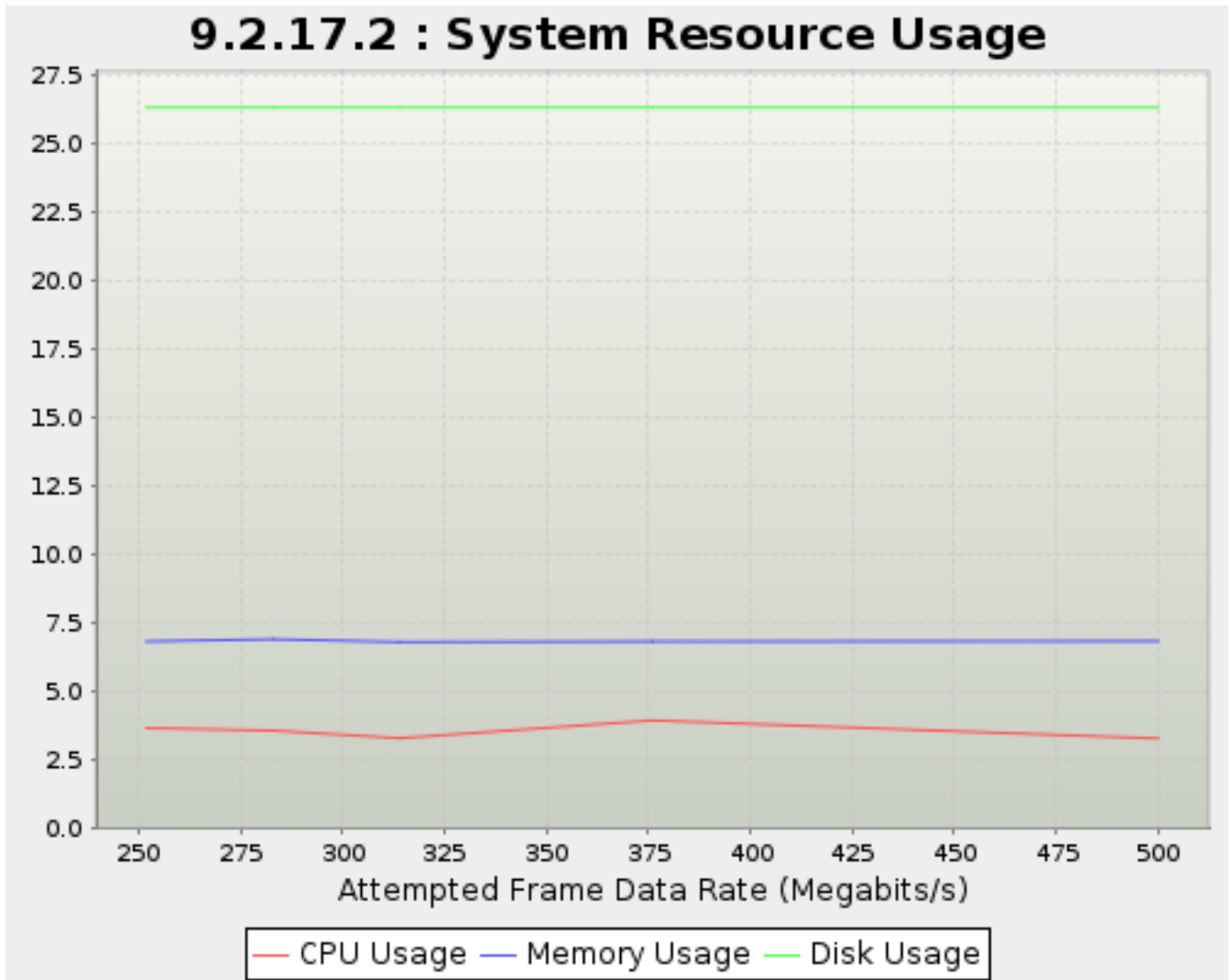
9.2.17.1. Component Description

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>	
252	64.920	3.66	6.83	26.36
283	64.177	3.57	6.91	26.36
314	64.979	3.29	6.81	26.36
376	64.277	3.94	6.83	26.36
500	64.575	3.28	6.84	26.36

10. Frame Rate: 512

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	399 Mbps	failed
252 Mbps	253 Mbps	failed
128 Mbps	128 Mbps	failed
66 Mbps	66 Mbps	Achieved
97 Mbps	97 Mbps	Achieved

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

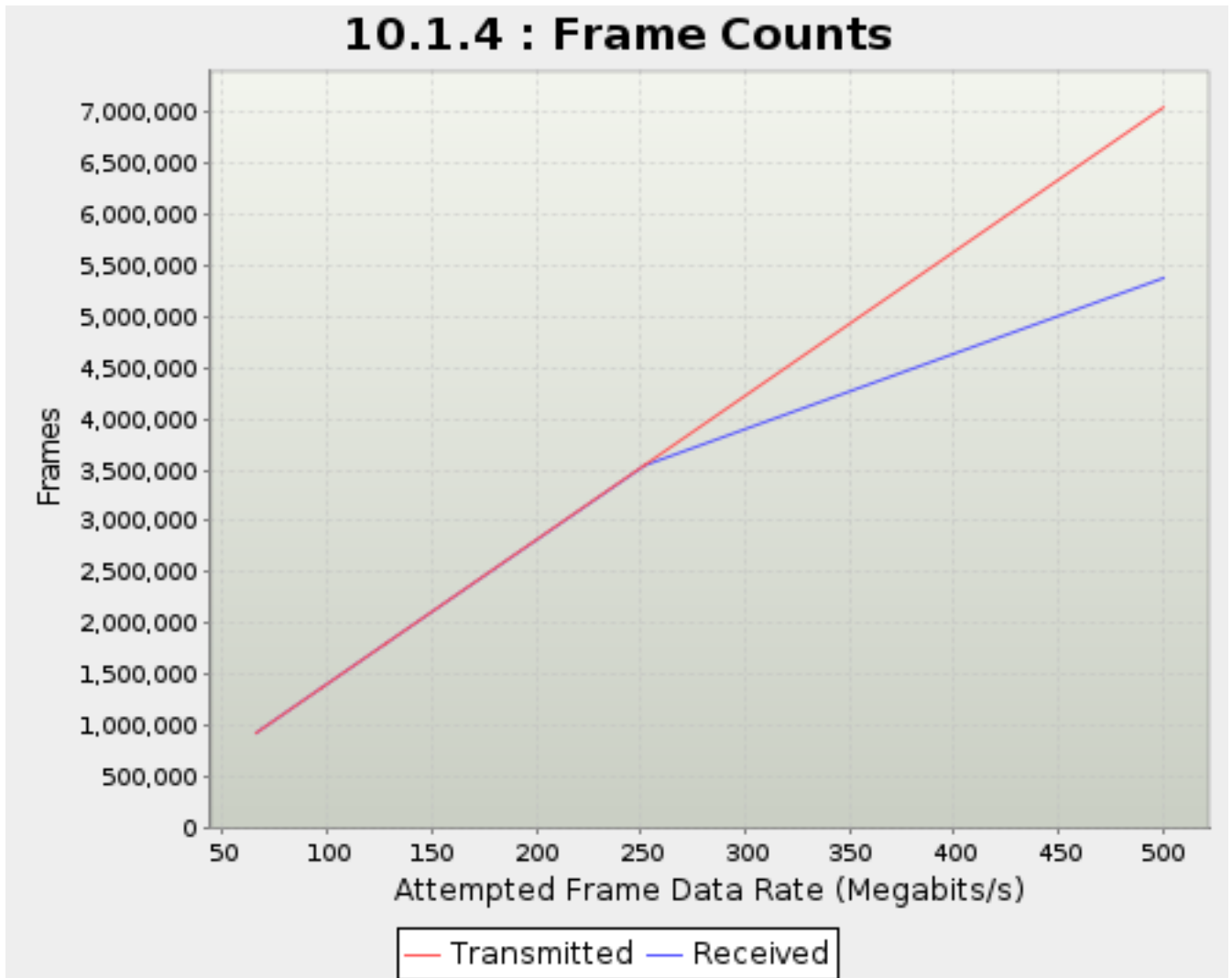
Number	Description
1	No predefined test criteria.

10.1.3. Traffic Appearance

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

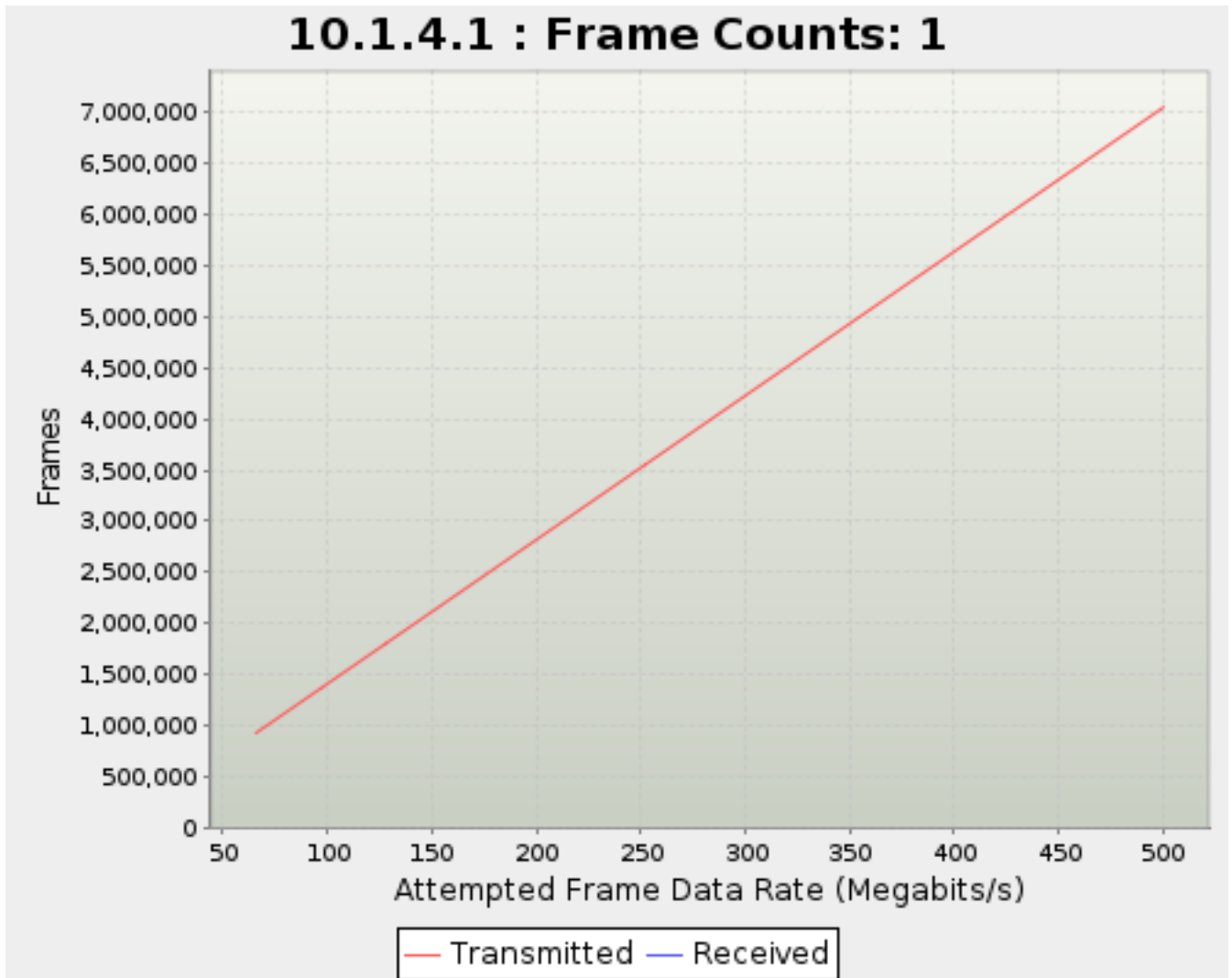
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

10.1.4. Frame Counts



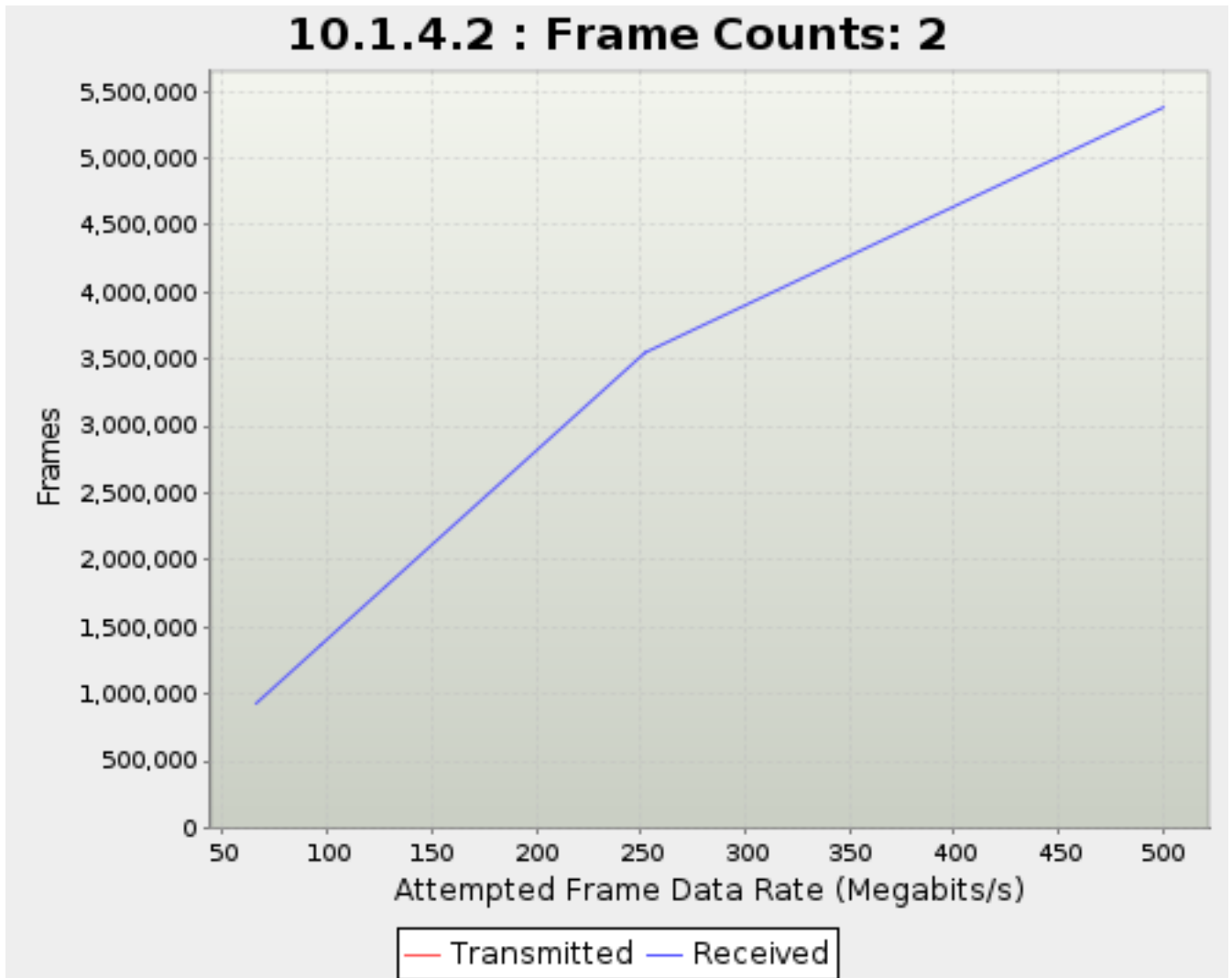
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	62.396	930,420	930,420
97	62.557	1,367,460	1,367,460
128	62.204	1,804,500	1,804,380
252	62.607	3,552,600	3,548,177
500	62.295	7,048,860	5,378,885

10.1.4.1. Frame Counts: 1



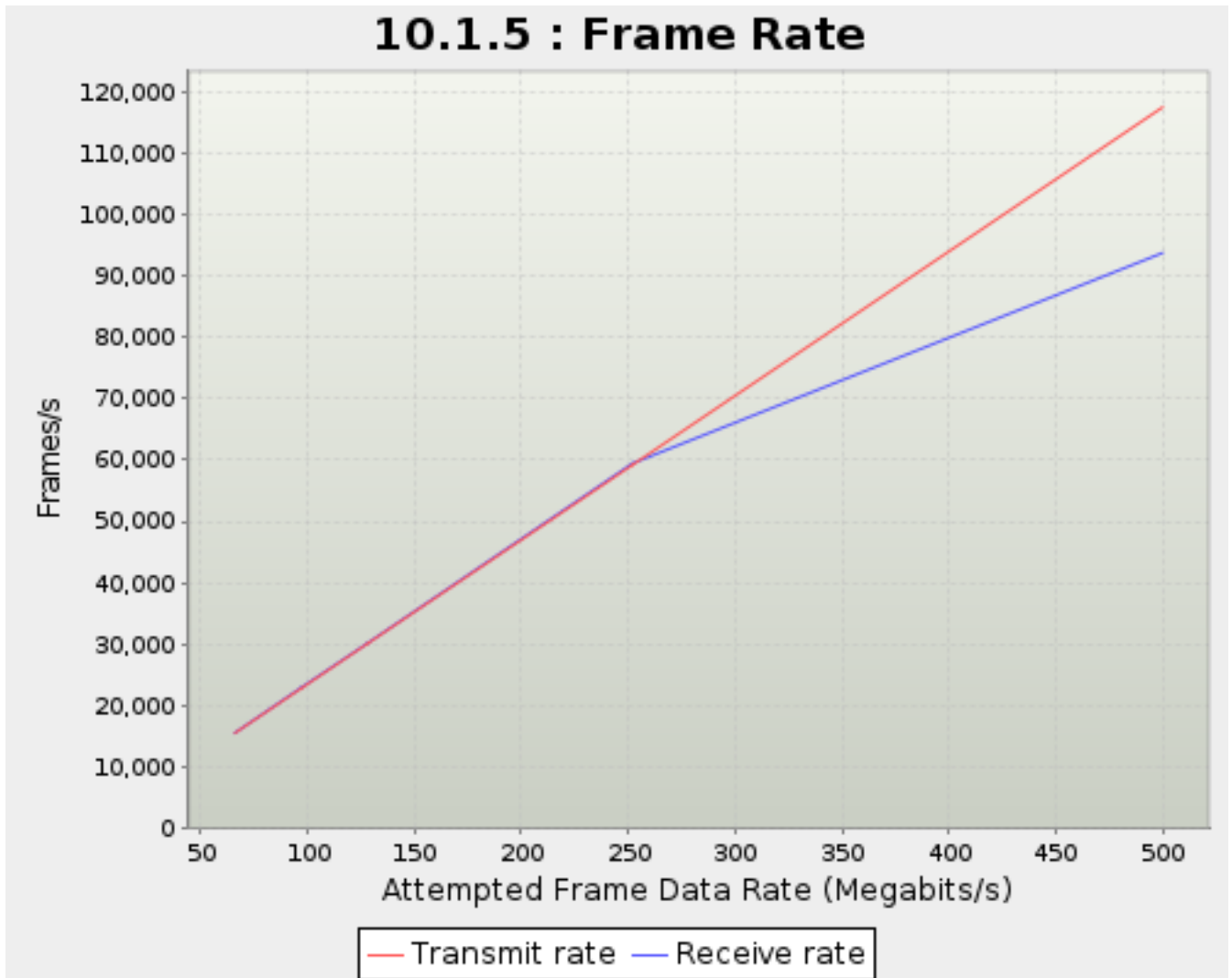
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	62.396	930,420	0
97	62.557	1,367,460	0
128	62.204	1,804,500	0
252	62.607	3,552,600	0
500	62.295	7,048,860	0

10.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frames</i>
66	62.396	0	930,420
97	62.557	0	1,367,460
128	62.204	0	1,804,380
252	62.607	0	3,548,177
500	62.295	0	5,378,885

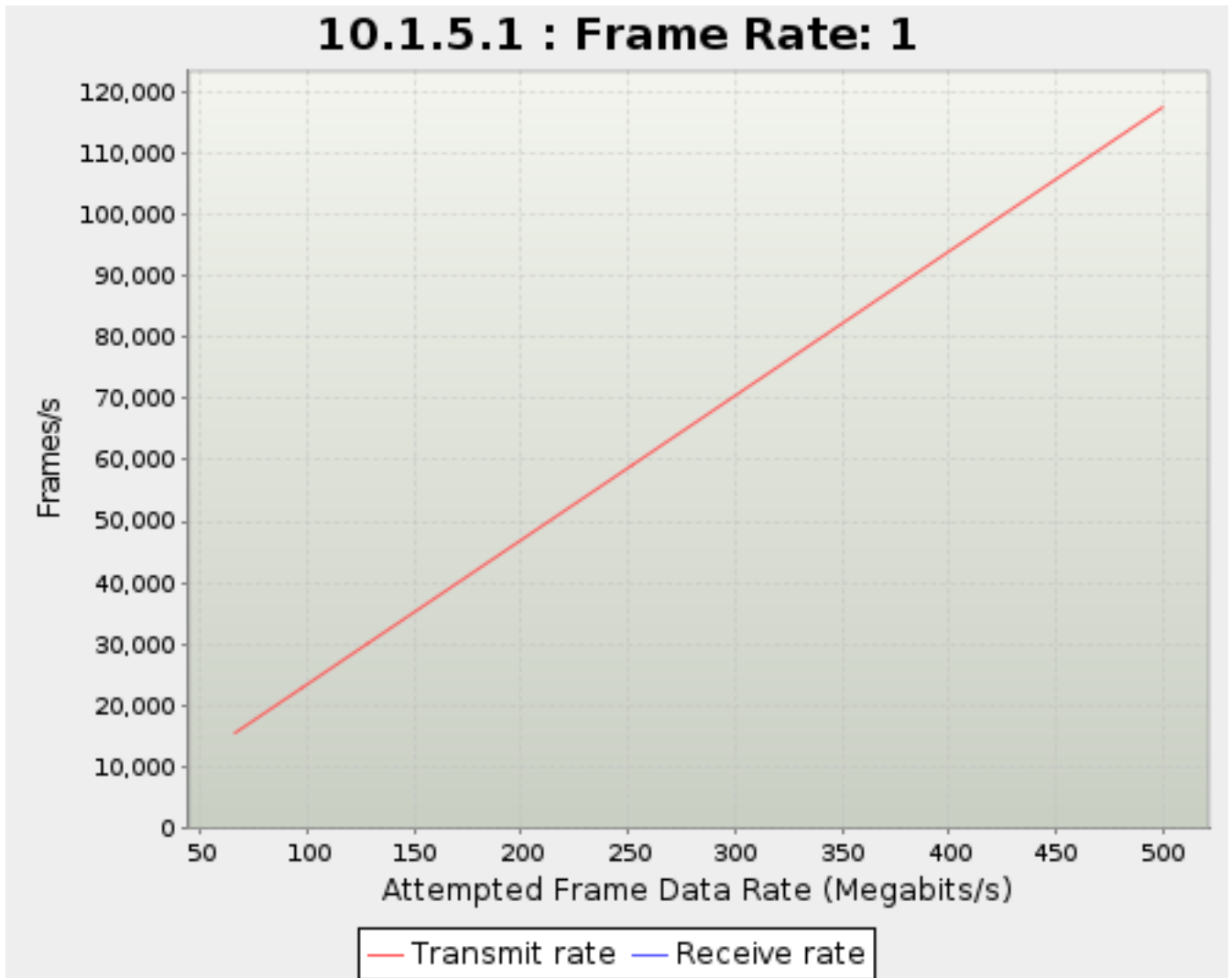
10.1.5. Frame Rate



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	62.396	~15510	~15540
97	62.557	~22790	~22910
128	62.204	~30080	~30150
252	62.607	~59210	~59460
500	62.295	~117500	~93760

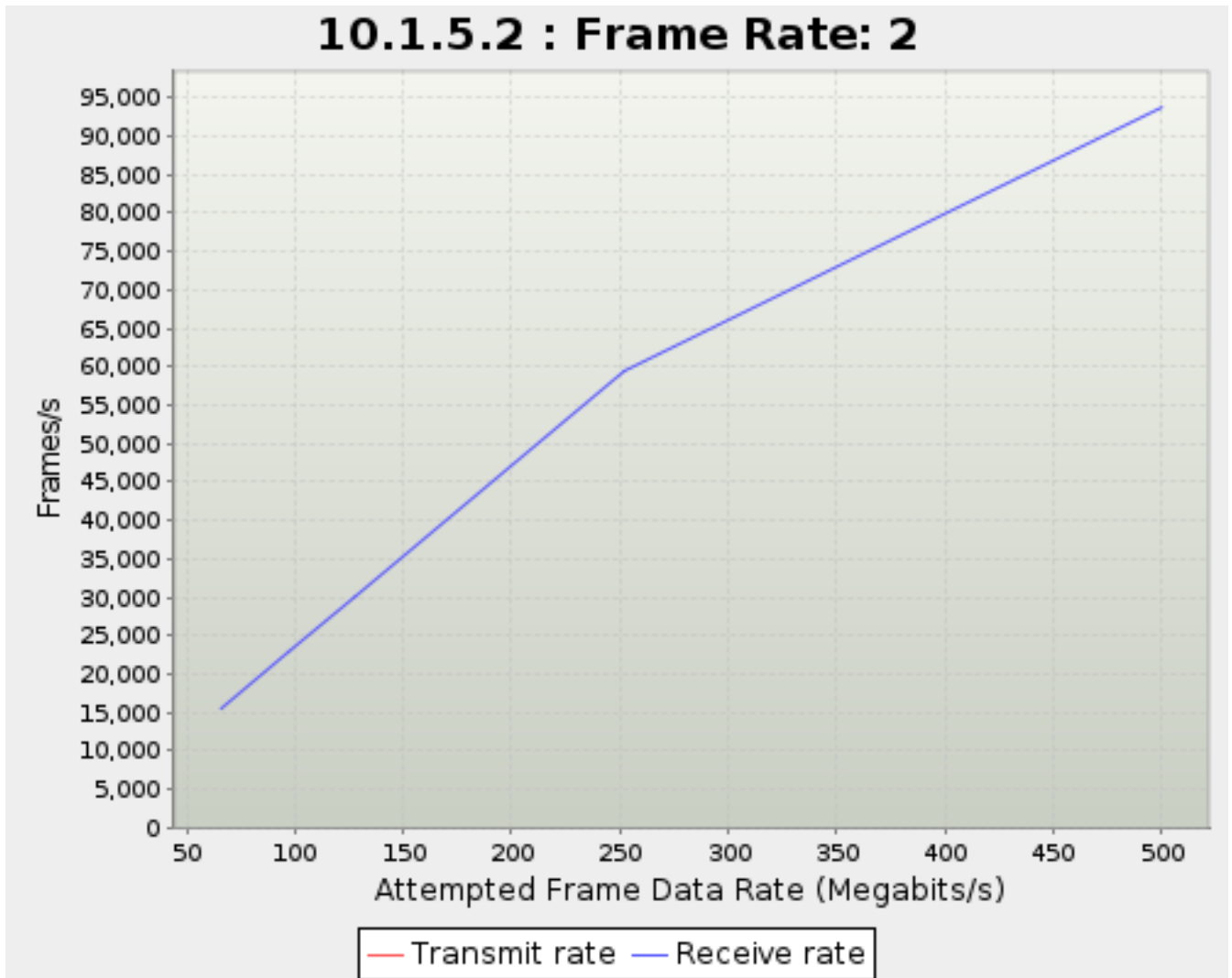
10.1.5.1. Frame Rate: 1



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	62.396	~15510	0.00
97	62.557	~22790	0.00
128	62.204	~30080	0.00
252	62.607	~59210	0.00
500	62.295	~117500	0.00

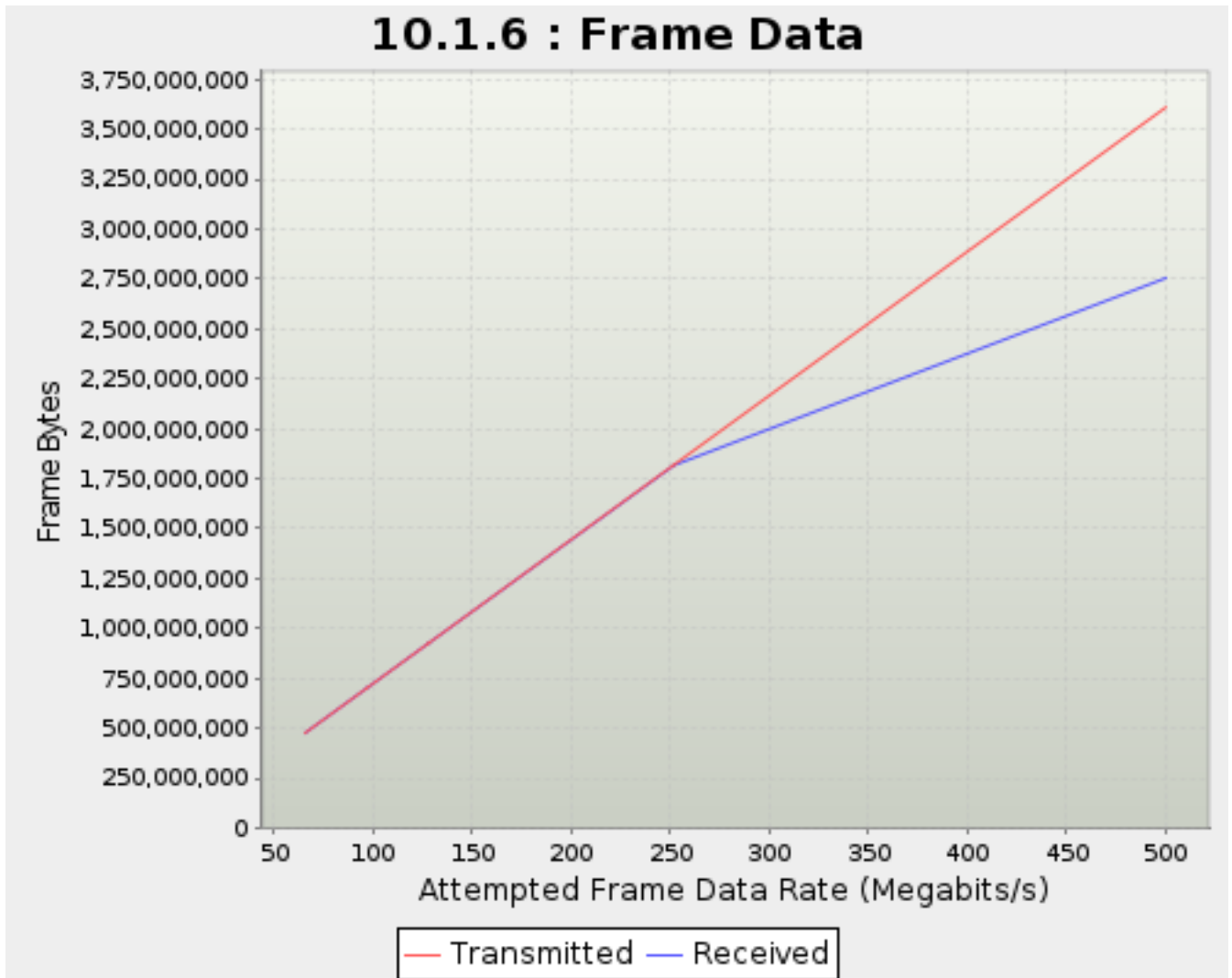
10.1.5.2. Frame Rate: 2



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

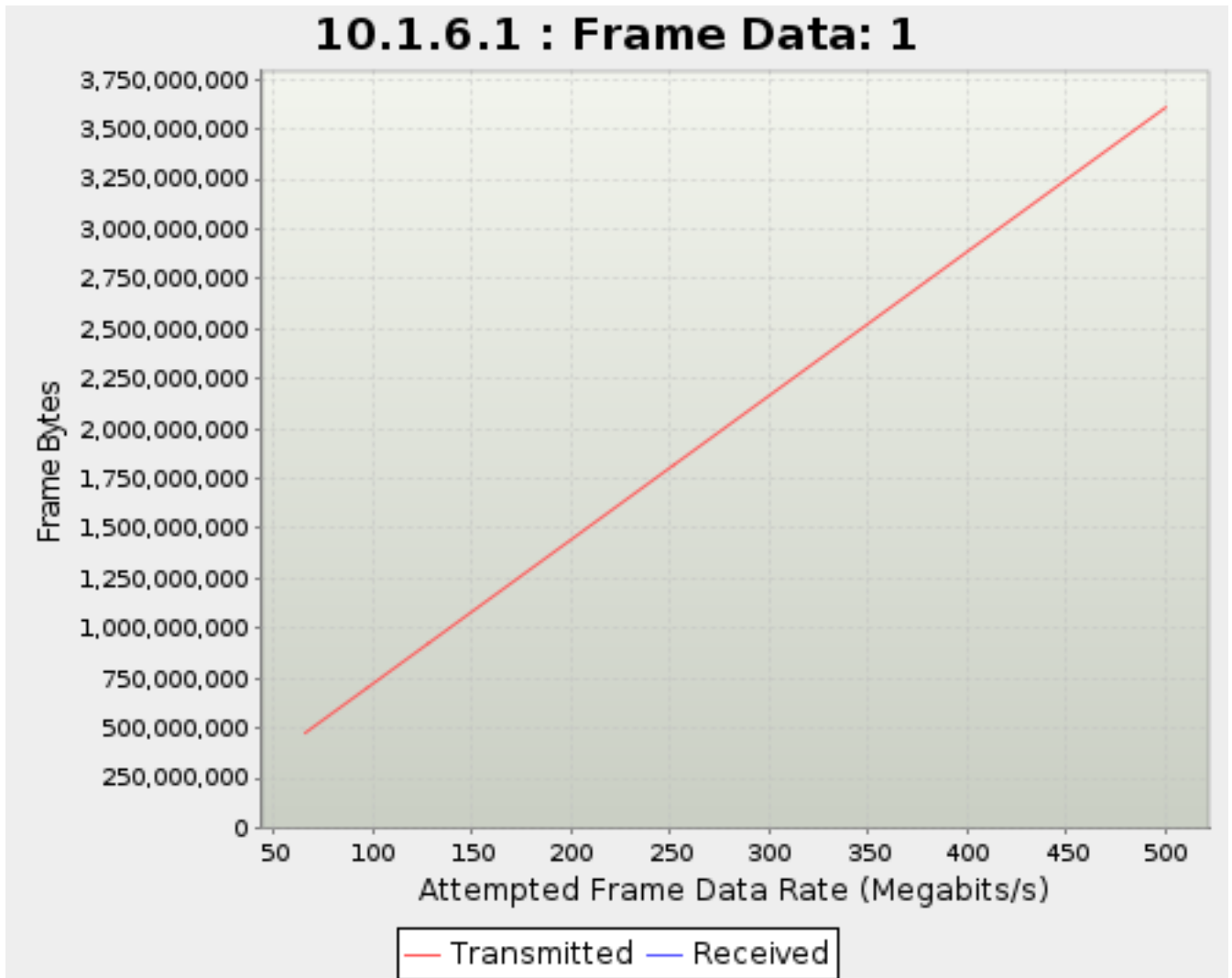
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	62.396	0.00	~15540
97	62.557	0.00	~22910
128	62.204	0.00	~30150
252	62.607	0.00	~59460
500	62.295	0.00	~93760

10.1.6. Frame Data



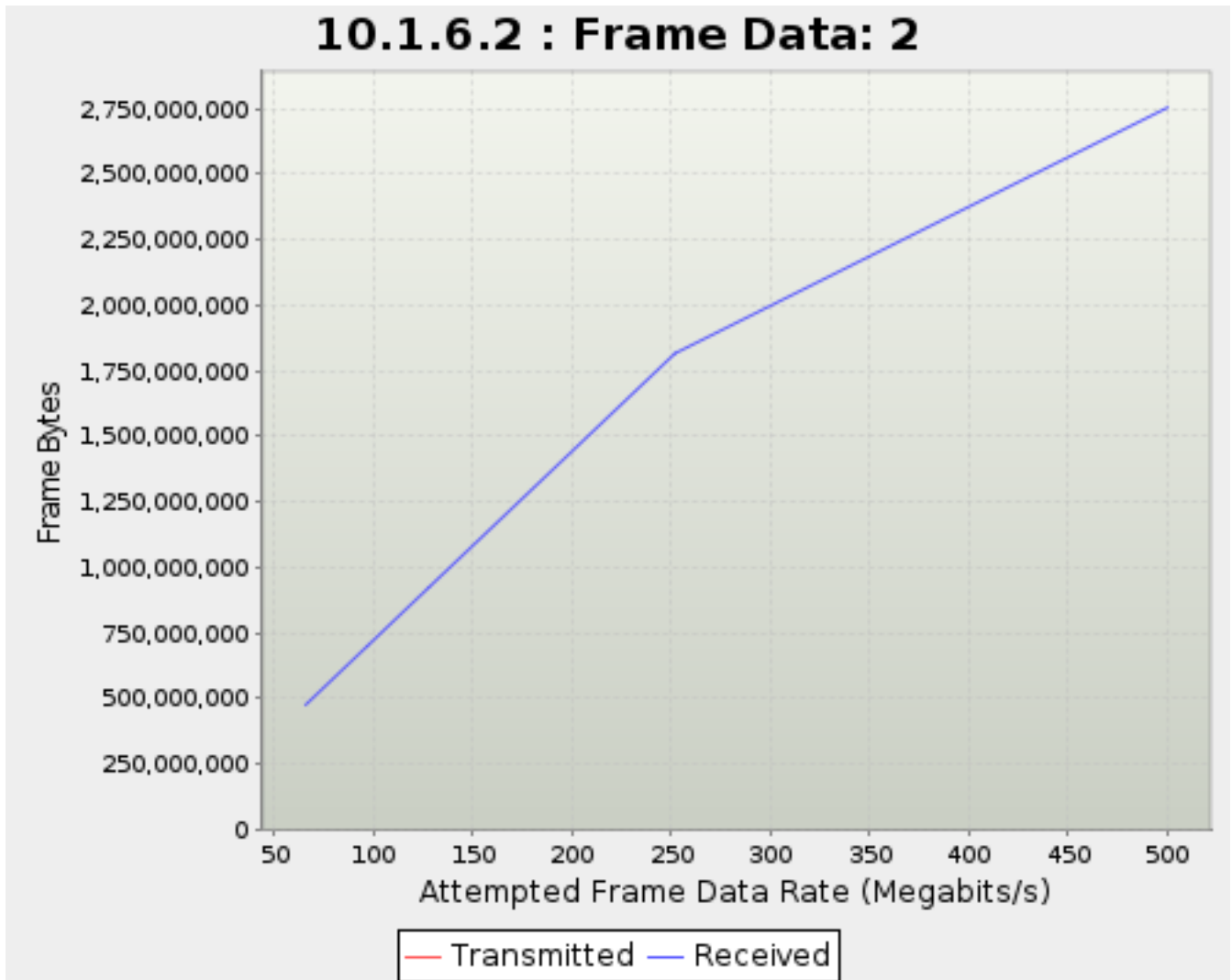
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	62.396	476,375,040	476,375,040
97	62.557	700,139,520	700,139,520
128	62.204	923,904,000	923,842,560
252	62.607	1,818,931,200	1,816,666,624
500	62.295	3,609,016,320	2,753,989,120

10.1.6.1. Frame Data: 1



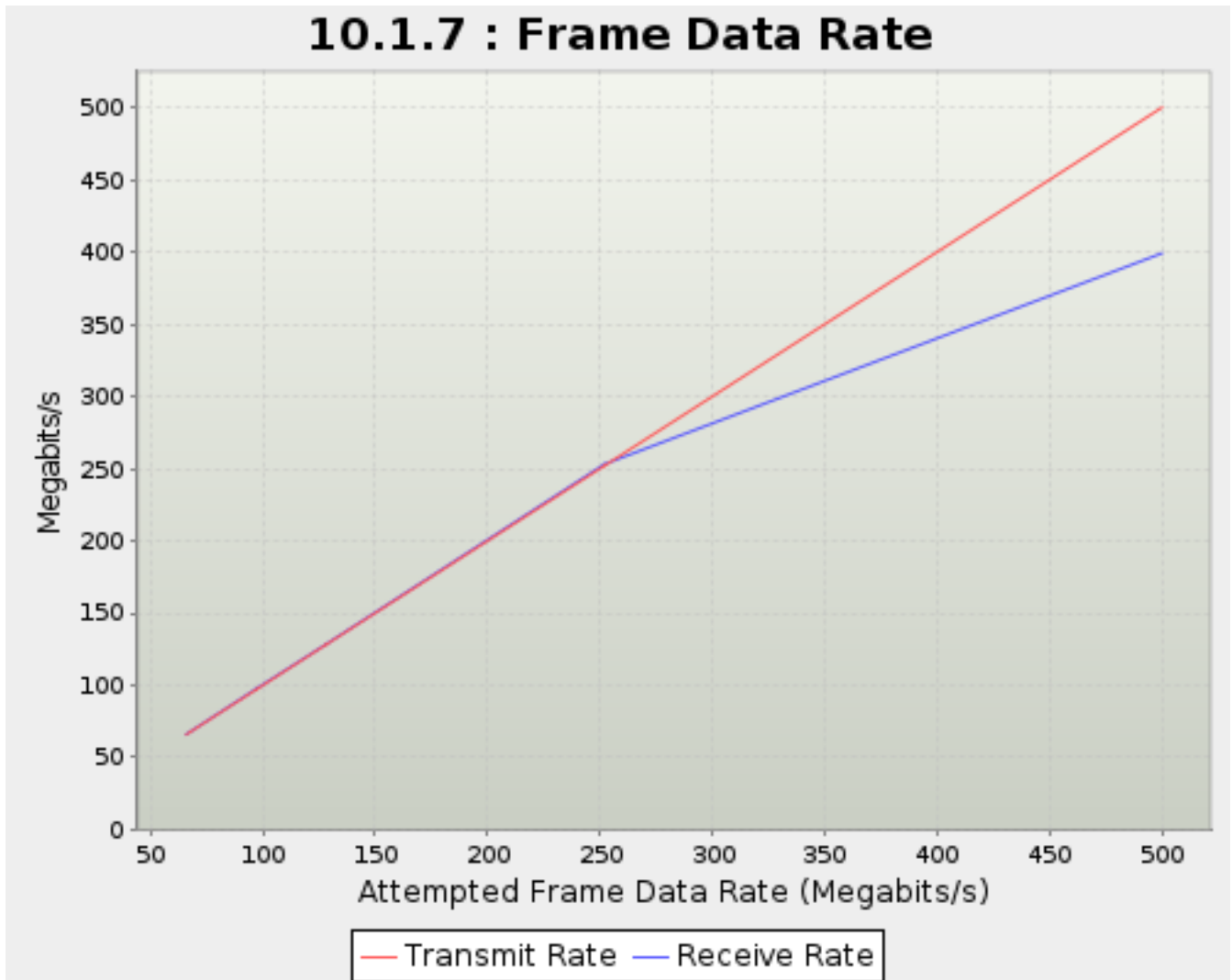
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	62.396	476,375,040	0
97	62.557	700,139,520	0
128	62.204	923,904,000	0
252	62.607	1,818,931,200	0
500	62.295	3,609,016,320	0

10.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	62.396	0	476,375,040
97	62.557	0	700,139,520
128	62.204	0	923,842,560
252	62.607	0	1,816,666,624
500	62.295	0	2,753,989,120

10.1.7. Frame Data Rate



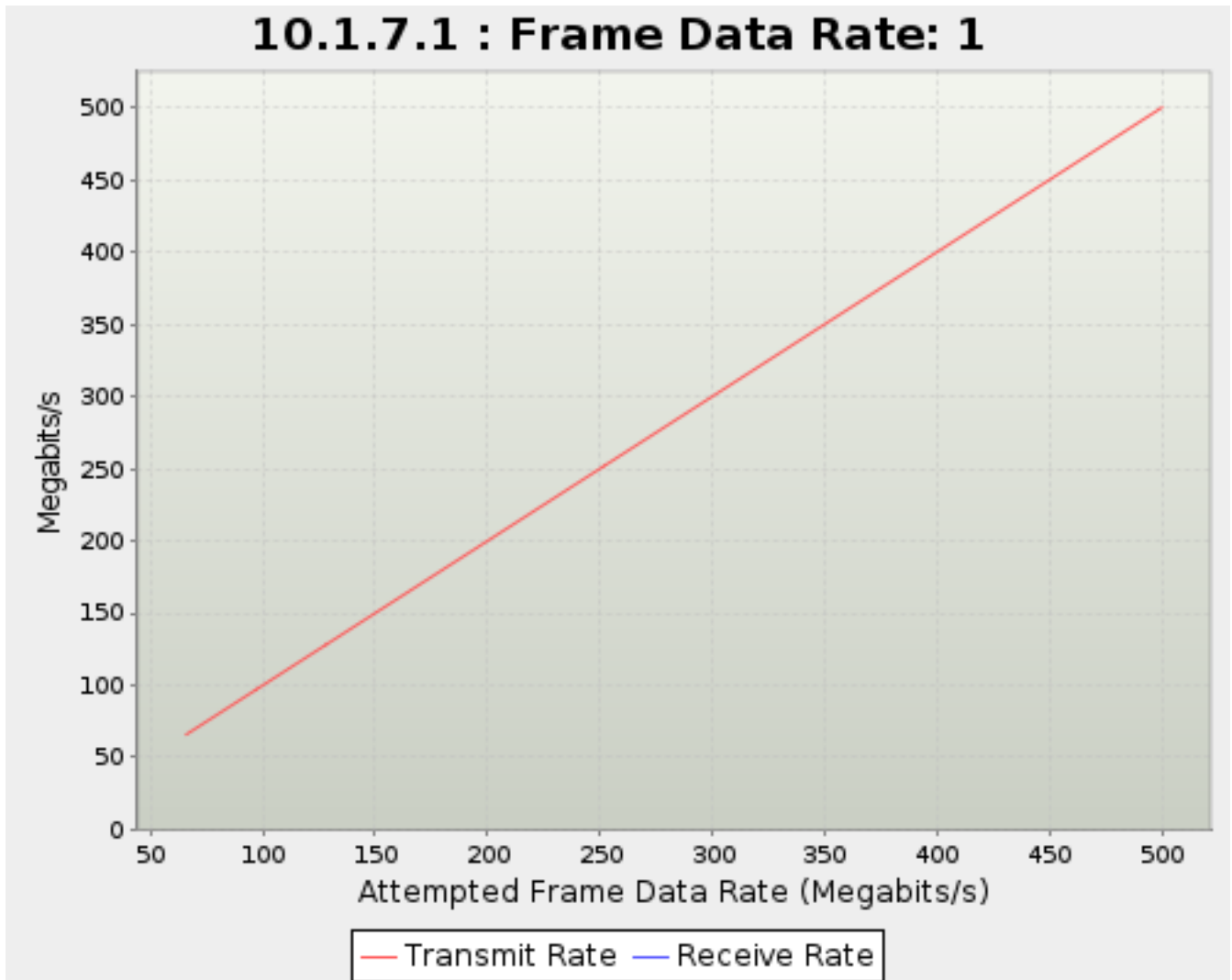
Data Rate shown includes Ethernet overhead.

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	62.396	~66	66.14
97	62.557	~97	97.48
128	62.204	~128	128.3
252	62.607	~252	253.1
500	62.295	~500	399.1

10.1.7.1. Frame Data Rate: 1



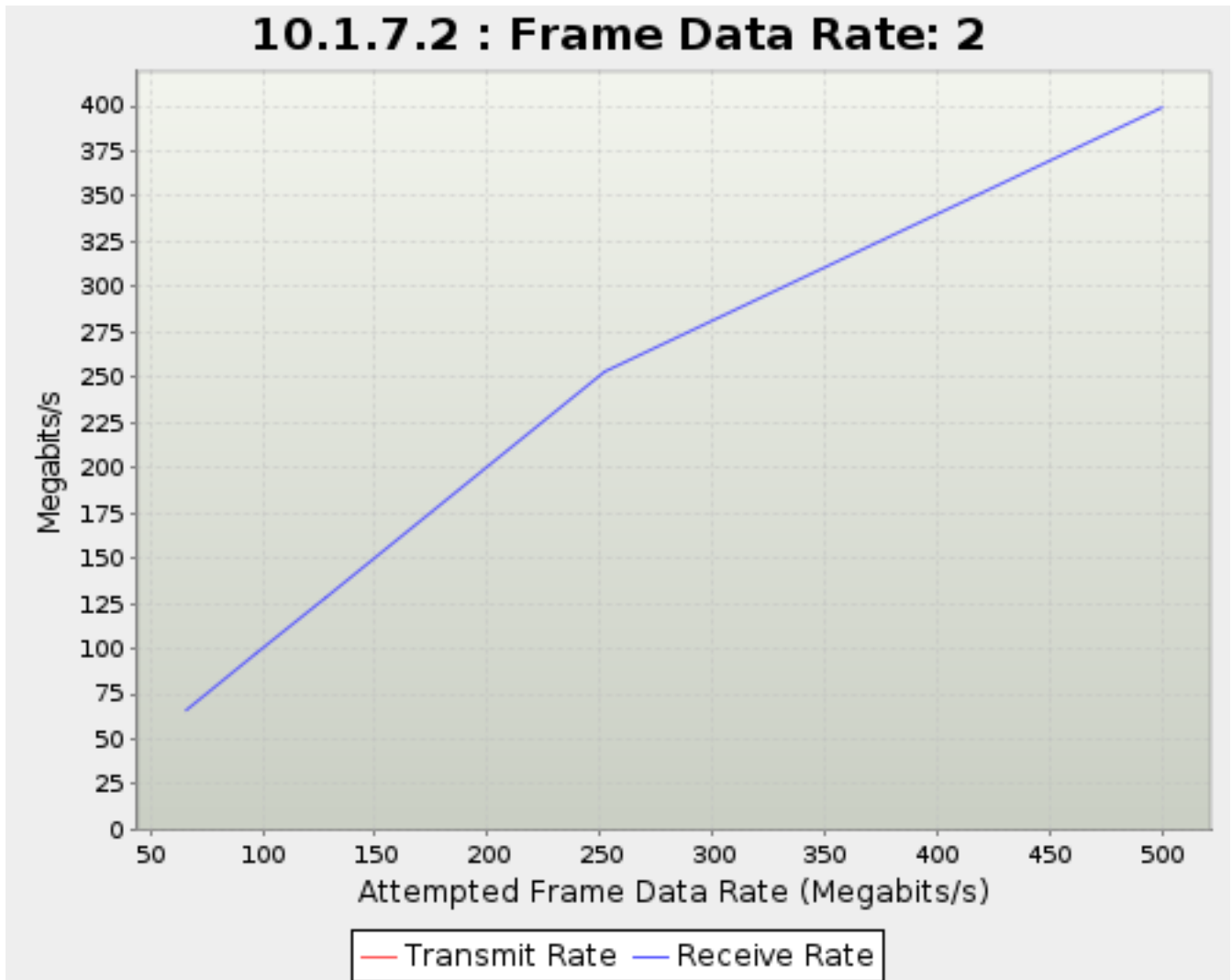
Data Rate shown includes Ethernet overhead.

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	62.396	~66	0
97	62.557	~97	0
128	62.204	~128	0
252	62.607	~252	0
500	62.295	~500	0

10.1.7.2. Frame Data Rate: 2



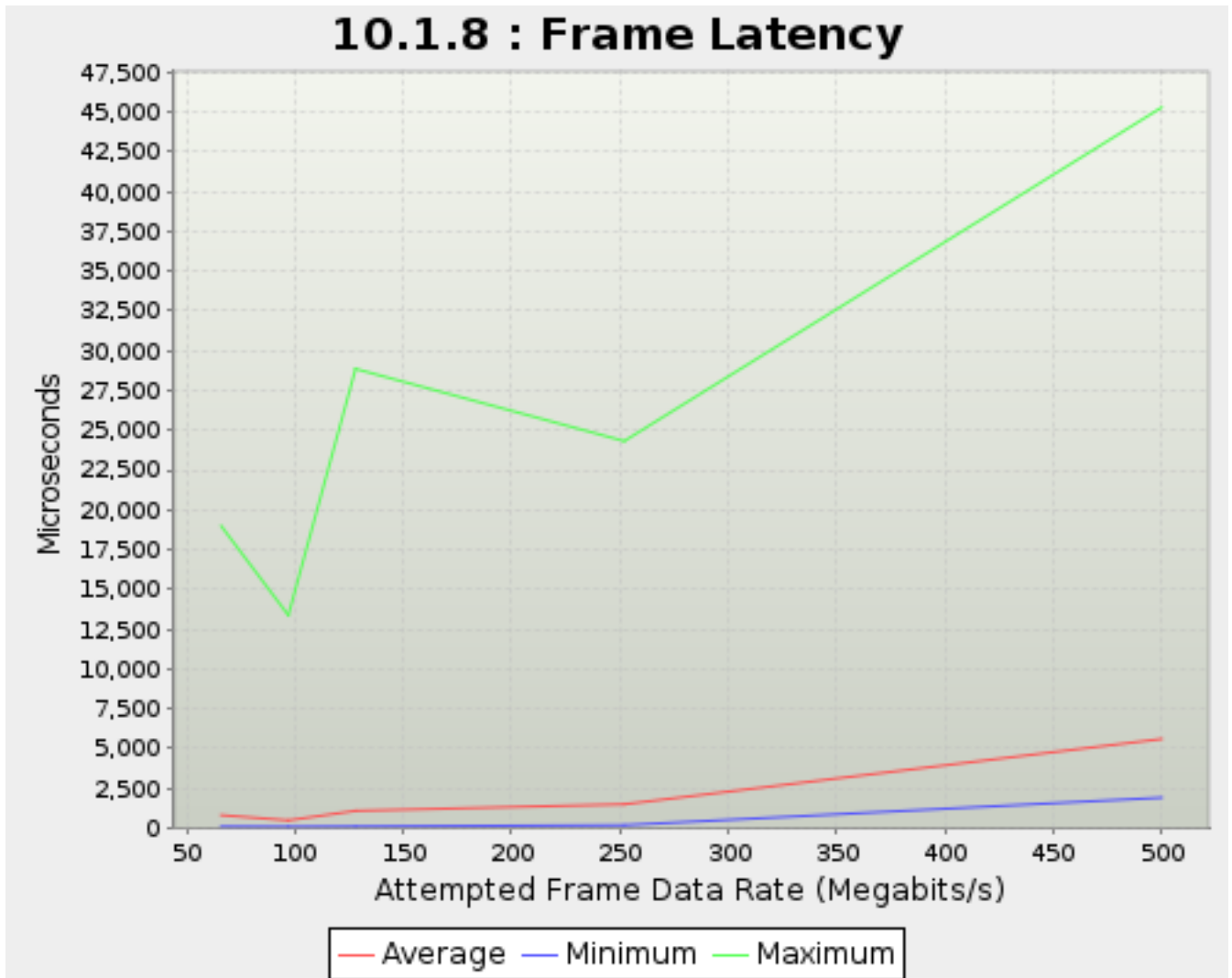
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

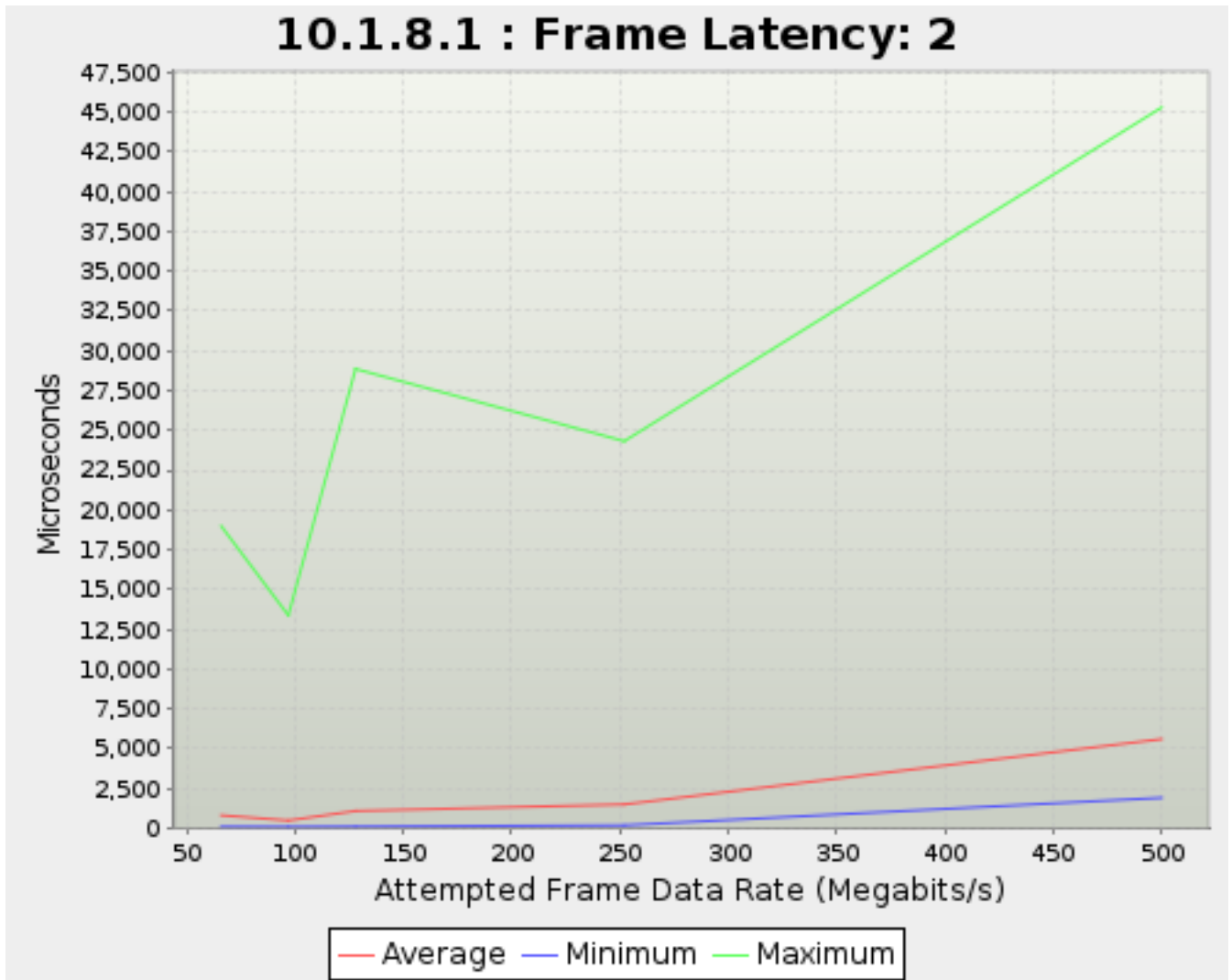
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	62.396	0	66.14
97	62.557	0	97.48
128	62.204	0	128.3
252	62.607	0	253.1
500	62.295	0	399.1

10.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
66	62.396	808.088	92.280	18,989.250
97	62.557	484.326	85.680	13,375.810
128	62.204	1,080.462	99.310	28,864.580
252	62.607	1,492.787	179.330	24,326.660
500	62.295	5,598.519	1,908.960	45,301.602

10.1.8.1. Frame Latency: 2

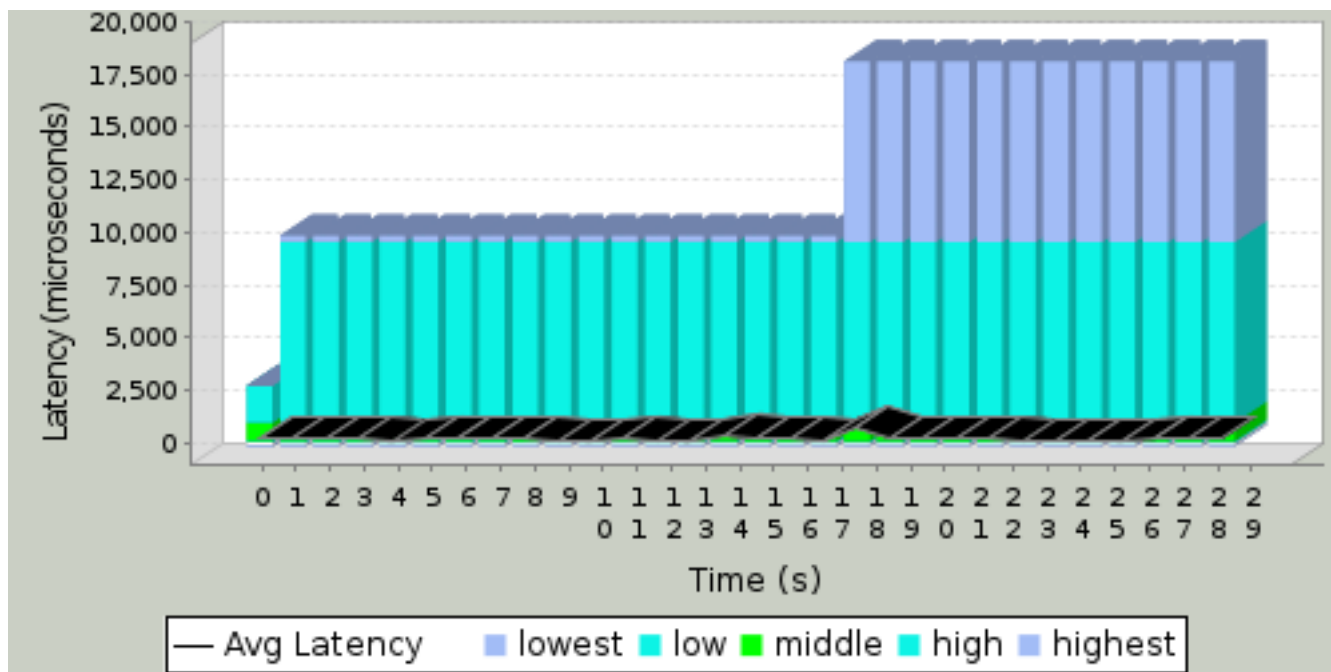


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
66	62.396	808.088	92.280	18,989.250
97	62.557	484.326	85.680	13,375.810
128	62.204	1,080.462	99.310	28,864.580
252	62.607	1,492.787	179.330	24,326.660
500	62.295	5,598.519	1,908.960	45,301.602

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	0.202	246.640	109.580 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	2,968 96.301%	114 3.699%	0
66	1.189	321.527	102.200 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	17,673 96.070%	716 3.892%	7 0.038%
66	2.187	268.610	102.200 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	32,552 96.143%	1,299 3.837%	7 0.021%

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	3.184	329.598	102.200 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	47,229 95.727%	2,101 4.258%	7 0.014%
66	4.192	237.361	102.200 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	62,395 96.046%	2,562 3.944%	7 0.011%
66	5.190	289.281	102.200 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	77,109 95.866%	3,318 4.125%	7 0.009%
66	6.187	250.809	101.950 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	92,061 95.992%	3,837 4.001%	7 0.007%
66	7.185	250.185	101.950 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	107,030 96.099%	4,338 3.895%	7 0.006%
66	8.192	282.112	99.740 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.001%	121,942 96.016%	5,052 3.978%	7 0.006%
66	9.190	196.651	99.740 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.001%	137,151 96.266%	5,312 3.728%	7 0.005%
66	10.188	173.240	99.740 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.001%	152,552 96.588%	5,381 3.407%	7 0.004%
66	11.185	338.450	99.740 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.001%	167,163 96.396%	6,241 3.599%	7 0.004%
66	12.193	223.649	99.740 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.001%	182,417 96.497%	6,614 3.499%	7 0.004%
66	13.191	221.145	99.740 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	197,527 96.586%	6,973 3.410%	7 0.003%

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	14.188	398.354	99.740 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	212,032 96.387%	7,940 3.609%	7 0.003%	
66	15.186	279.449	99.740 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	226,833 96.340%	8,609 3.656%	7 0.003%	
66	16.193	250.179	99.740 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	242,053 96.406%	9,015 3.591%	7 0.003%	
66	17.191	226.503	98.770 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.001%	257,170 96.482%	9,367 3.514%	7 0.003%	
66	18.189	824.438	98.770 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.001%	270,554 95.936%	11,232 3.983%	228 0.081%	
66	19.186	275.780	98.770 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.001%	285,470 95.960%	11,788 3.963%	228 0.077%	
66	20.194	310.273	98.770 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.001%	300,301 95.908%	12,583 4.019%	228 0.073%	
66	21.202	286.118	98.770 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.001%	315,128 95.859%	13,383 4.071%	228 0.069%	
66	22.189	337.522	98.770 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.001%	329,515 95.774%	14,310 4.159%	228 0.066%	
66	23.187	227.628	98.770 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.001%	344,583 95.844%	14,713 4.092%	228 0.063%	
66	24.184	221.066	98.770 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.001%	359,653 95.908%	15,113 4.030%	228 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>					
66	25.192	212.924	98.770 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.001%	375,001 96.001%	15,391 3.940%	228 0.058%	
66	26.190	188.436	98.770 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	390,320 96.116%	15,542 3.827%	228 0.056%	
66	27.187	241.400	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	405,359 96.156%	15,973 3.789%	228 0.054%	
66	28.185	318.711	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	419,911 96.082%	16,891 3.865%	228 0.052%	
66	29.192	246.601	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	435,039 96.107%	17,390 3.842%	228 0.050%	
66	30.190	267.415	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	450,021 96.132%	17,878 3.819%	228 0.049%	
66	31.188	334.395	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	464,504 96.051%	18,866 3.901%	228 0.047%	
66	32.185	229.631	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	479,556 96.090%	19,284 3.864%	228 0.046%	
66	33.193	183.894	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	495,035 96.180%	19,431 3.775%	228 0.044%	
66	34.191	356.479	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	509,458 96.094%	20,479 3.863%	228 0.043%	
66	35.188	239.190	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	524,522 96.130%	20,885 3.828%	228 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>					
66	36.186	283.863	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	539,458 96.141%	21,420 3.817%	228 0.041%	
66	37.204	393.335	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	553,755 95.989%	22,906 3.971%	228 0.040%	
66	38.191	221.144	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	568,745 96.039%	23,229 3.922%	228 0.039%	
66	39.189	311.956	97.750 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.000%	583,560 96.031%	23,885 3.931%	228 0.038%	
66	40.186	286.859	97.600 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	4 0.001%	598,445 96.036%	24,470 3.927%	228 0.037%	
66	41.194	325.358	97.600 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	4 0.001%	613,370 96.023%	25,165 3.940%	234 0.037%	
66	42.192	323.293	97.600 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	4 0.001%	627,861 95.968%	26,144 3.996%	234 0.036%	
66	43.189	236.629	97.600 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	4 0.001%	642,827 95.985%	26,648 3.979%	234 0.035%	
66	44.187	280.506	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	21 0.003%	657,732 95.993%	27,197 3.969%	234 0.034%	
66	45.184	246.520	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	21 0.003%	672,760 96.019%	27,639 3.945%	234 0.033%	
66	46.192	226.566	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	21 0.003%	687,988 96.050%	28,038 3.914%	234 0.033%	

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	47.190	285.741	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	21 0.003%	702,710 96.031%	28,787 3.934%	234 0.032%	
66	48.197	197.985	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	21 0.003%	718,164 96.091%	28,959 3.875%	234 0.031%	
66	49.185	244.914	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	21 0.003%	733,096 96.120%	29,340 3.847%	234 0.031%	
66	50.193	336.591	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	21 0.003%	747,839 96.084%	30,225 3.883%	234 0.030%	
66	51.190	240.219	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	21 0.003%	762,868 96.105%	30,666 3.863%	234 0.029%	
66	52.188	202.704	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	21 0.003%	778,102 96.150%	30,902 3.819%	234 0.029%	
66	53.185	446.354	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	21 0.003%	792,046 96.037%	32,428 3.932%	234 0.028%	
66	54.193	304.353	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	21 0.002%	806,922 96.021%	33,179 3.948%	234 0.028%	
66	55.191	230.556	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	21 0.002%	821,971 96.048%	33,568 3.922%	234 0.027%	
66	56.188	357.028	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	21 0.002%	836,469 96.003%	34,573 3.968%	234 0.027%	
66	57.186	210.300	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	21 0.002%	851,636 96.038%	34,876 3.933%	234 0.026%	

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	58.194	403.292	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	21 0.002%	866,348 96.006%	35,791 3.966%	234 0.026%	
66	59.191	478.207	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	21 0.002%	880,427 95.921%	37,182 4.051%	234 0.025%	
66	62.396	239.221	92.280 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	21 0.002%	892,533 95.928%	37,632 4.045%	234 0.025%	
97	0.282	357.466	93.400 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	3 0.047%	5,950 92.853%	455 7.100%	0	
97	1.270	281.668	93.400 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	8 0.028%	27,634 95.566%	1,274 4.406%	0	
97	2.287	257.785	92.460 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	17 0.033%	49,890 95.738%	2,204 4.229%	0	
97	3.275	312.547	92.460 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	23 0.031%	71,338 95.604%	3,257 4.365%	0	
97	4.273	243.673	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	33 0.034%	93,325 95.861%	3,996 4.105%	0	
97	5.270	358.856	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	35 0.029%	114,630 95.543%	5,312 4.428%	0	
97	6.278	457.990	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	35 0.024%	135,474 94.699%	7,549 5.277%	0	
97	7.275	235.114	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	40 0.024%	157,756 95.151%	7,999 4.825%	0	

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	203.934	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	44 0.023%	180,104 95.530%	8,384 4.447%	0	
97	9.271	325.611	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	57 0.027%	201,491 95.372%	9,720 4.601%	0	
97	10.268	373.464	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	66 0.028%	223,154 95.363%	10,674 4.561%	111 0.047%	
97	11.276	295.511	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	66 0.026%	245,623 95.586%	11,165 4.345%	111 0.043%	
97	12.274	366.734	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	68 0.024%	266,946 95.438%	12,582 4.498%	111 0.040%	
97	13.271	230.536	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	69 0.023%	289,257 95.640%	13,007 4.301%	111 0.037%	
97	14.269	263.489	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	69 0.021%	311,064 95.658%	13,938 4.286%	111 0.034%	
97	15.276	489.134	86.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	74 0.021%	331,770 95.295%	16,186 4.649%	119 0.034%	
97	16.274	225.318	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	88 0.024%	353,920 95.426%	16,757 4.518%	119 0.032%	
97	17.272	322.483	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	102 0.026%	375,627 95.429%	17,773 4.515%	119 0.030%	
97	18.269	282.808	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	102 0.024%	397,375 95.440%	18,763 4.506%	119 0.029%	

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	241.872	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	107 0.024%	419,623 95.516%	19,475 4.433%	119 0.027%	
97	20.275	222.251	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	107 0.023%	441,827 95.621%	20,008 4.330%	119 0.026%	
97	21.272	426.158	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	111 0.023%	462,911 95.485%	21,657 4.467%	119 0.025%	
97	22.270	289.762	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	121 0.024%	484,740 95.509%	22,555 4.444%	119 0.023%	
97	23.277	216.645	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	135 0.025%	507,263 95.620%	22,983 4.332%	119 0.022%	
97	24.275	357.116	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	135 0.024%	528,707 95.566%	24,276 4.388%	119 0.022%	
97	25.273	272.509	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	138 0.024%	550,500 95.577%	25,217 4.378%	119 0.021%	
97	26.270	199.697	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	149 0.025%	572,926 95.693%	25,517 4.262%	119 0.020%	
97	27.278	255.116	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	150 0.024%	595,330 95.762%	26,079 4.195%	119 0.019%	
97	28.276	353.052	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	156 0.024%	616,726 95.704%	27,412 4.254%	119 0.018%	
97	29.273	262.451	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	158 0.024%	638,540 95.711%	28,334 4.247%	119 0.018%	

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				
97	30.271	218.319	85.920 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	158 0.023%	660,789 95.782%	28,821 4.178%	119 0.017%
97	31.278	461.943	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	184 0.026%	681,603 95.616%	30,948 4.341%	119 0.017%
97	32.276	239.685	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	187 0.025%	703,638 95.656%	31,646 4.302%	119 0.016%
97	33.274	233.230	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	192 0.025%	725,787 95.709%	32,228 4.250%	119 0.016%
97	34.271	385.543	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	193 0.025%	746,740 95.605%	34,012 4.355%	119 0.015%
97	35.269	234.431	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	195 0.024%	768,926 95.661%	34,562 4.300%	119 0.015%
97	36.276	239.963	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	197 0.024%	791,150 95.692%	35,301 4.270%	119 0.014%
97	37.274	351.215	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	204 0.024%	812,545 95.649%	36,635 4.313%	119 0.014%
97	38.272	270.817	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	212 0.024%	834,586 95.683%	37,323 4.279%	119 0.014%
97	39.269	255.808	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	212 0.024%	856,617 95.714%	38,030 4.249%	119 0.013%
97	40.277	356.676	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	216 0.024%	877,951 95.643%	39,658 4.320%	119 0.013%

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	345.739	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	221 0.023%	899,481 95.620%	40,860 4.344%	119 0.013%	
97	42.272	195.969	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	226 0.023%	921,942 95.695%	41,131 4.269%	119 0.012%	
97	43.270	266.241	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	230 0.023%	943,915 95.717%	41,890 4.248%	119 0.012%	
97	44.277	293.860	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	239 0.024%	965,665 95.694%	43,097 4.271%	119 0.012%	
97	45.275	260.012	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	251 0.024%	987,449 95.696%	44,038 4.268%	119 0.012%	
97	46.273	270.023	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	255 0.024%	1,009,202 95.696%	45,018 4.269%	119 0.011%	
97	47.270	246.440	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	267 0.025%	1,031,101 95.709%	45,845 4.255%	119 0.011%	
97	48.278	270.728	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	273 0.025%	1,053,175 95.717%	46,730 4.247%	119 0.011%	
97	49.276	210.106	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	296 0.026%	1,075,467 95.764%	47,152 4.199%	119 0.011%	
97	50.273	431.158	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	313 0.027%	1,096,265 95.685%	49,007 4.277%	119 0.010%	
97	51.271	246.631	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	323 0.028%	1,118,408 95.713%	49,656 4.250%	119 0.010%	

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	252.965	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	332 <i>0.028%</i>	1,140,694 <i>95.738%</i>	50,329 <i>4.224%</i>	119 <i>0.010%</i>	
97	53.276	328.239	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	344 <i>0.028%</i>	1,162,139 <i>95.711%</i>	51,609 <i>4.250%</i>	119 <i>0.010%</i>	
97	54.274	254.962	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	347 <i>0.028%</i>	1,184,015 <i>95.721%</i>	52,465 <i>4.241%</i>	119 <i>0.010%</i>	
97	55.271	338.200	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	355 <i>0.028%</i>	1,205,587 <i>95.706%</i>	53,623 <i>4.257%</i>	119 <i>0.009%</i>	
97	56.279	292.872	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	371 <i>0.029%</i>	1,227,360 <i>95.689%</i>	54,801 <i>4.272%</i>	119 <i>0.009%</i>	
97	57.277	227.418	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	377 <i>0.029%</i>	1,249,485 <i>95.718%</i>	55,406 <i>4.244%</i>	119 <i>0.009%</i>	
97	58.274	206.237	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	380 <i>0.029%</i>	1,271,831 <i>95.761%</i>	55,794 <i>4.201%</i>	119 <i>0.009%</i>	
97	59.272	307.489	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	396 <i>0.029%</i>	1,293,396 <i>95.746%</i>	56,950 <i>4.216%</i>	119 <i>0.009%</i>	
97	62.557	318.045	85.680 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	408 <i>0.030%</i>	1,309,160 <i>95.737%</i>	57,773 <i>4.225%</i>	119 <i>0.009%</i>	
128	0.111	283.104	116.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	3,138 <i>97.423%</i>	83 <i>2.577%</i>	0	
128	1.098	277.603	101.450 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	31,805 <i>96.604%</i>	1,118 <i>3.396%</i>	0	

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	2.096	349.416	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	59,840 95.106%	3,079 4.894%	0	
128	3.094	239.141	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	89,118 95.899%	3,811 4.101%	0	
128	4.091	326.962	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	117,853 95.869%	5,078 4.131%	0	
128	5.099	343.843	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	146,634 95.691%	6,603 4.309%	0	
128	6.107	301.470	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	175,545 95.642%	7,999 4.358%	0	
128	7.094	281.694	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	204,342 95.826%	8,901 4.174%	0	
128	8.092	334.122	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	232,885 95.740%	10,362 4.260%	0	
128	9.099	331.273	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	261,541 95.609%	12,011 4.391%	0	
128	10.097	308.413	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	290,134 95.579%	13,421 4.421%	0	
128	11.095	246.232	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	319,446 95.791%	14,038 4.209%	0	
128	12.092	308.217	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	348,317 95.807%	15,245 4.193%	0	

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	13.100	245.049	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	378,030 95.979%	15,838 4.021%	0	
128	14.097	316.046	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	406,467 95.894%	17,403 4.106%	0	
128	15.095	958.363	101.450 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	432,954 95.391%	20,029 4.413%	892 0.197%	
128	16.093	230.260	99.310 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	462,351 95.551%	20,634 4.264%	892 0.184%	
128	17.100	341.981	99.310 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	491,330 95.555%	21,961 4.271%	892 0.173%	
128	18.098	393.293	99.310 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	519,144 95.398%	24,149 4.438%	892 0.164%	
128	19.096	352.959	99.310 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	547,619 95.372%	25,678 4.472%	892 0.155%	
128	20.093	206.981	99.310 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	577,364 95.560%	25,935 4.293%	892 0.148%	
128	21.101	346.292	99.310 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	605,736 95.467%	27,870 4.392%	892 0.141%	
128	22.098	268.851	99.310 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	634,787 95.528%	28,823 4.338%	892 0.134%	
128	23.106	266.803	99.310 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	664,363 95.618%	29,553 4.253%	892 0.128%	

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	24.094	393.929	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	691,691 95.475%	31,886 4.401%	892 0.123%	
128	25.091	332.114	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	720,038 95.431%	33,579 4.450%	892 0.118%	
128	26.099	259.913	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	749,363 95.482%	34,562 4.404%	892 0.114%	
128	27.097	369.082	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	777,586 95.430%	36,342 4.460%	892 0.109%	
128	28.094	240.686	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	806,920 95.513%	37,010 4.381%	892 0.106%	
128	29.092	296.865	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	835,879 95.556%	37,985 4.342%	892 0.102%	
128	30.099	340.638	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	864,246 95.483%	39,994 4.419%	892 0.099%	
128	31.097	269.764	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	893,260 95.522%	40,983 4.383%	892 0.095%	
128	32.095	270.744	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	922,298 95.561%	41,947 4.346%	892 0.092%	
128	33.092	348.391	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	950,598 95.524%	43,652 4.387%	892 0.090%	
128	34.100	341.376	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	979,065 95.477%	45,492 4.436%	892 0.087%	

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	35.097	290.832	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	1,007,776 95.483%	46,783 4.433%	892 0.085%	
128	36.095	252.490	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	1,037,054 95.545%	47,466 4.373%	892 0.082%	
128	37.093	264.590	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	1,066,165 95.581%	48,398 4.339%	892 0.080%	
128	38.100	248.043	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	1,095,767 95.636%	49,105 4.286%	892 0.078%	
128	39.098	259.414	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	1,124,932 95.676%	49,943 4.248%	892 0.076%	
128	40.096	452.560	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	1,151,968 95.538%	52,910 4.388%	892 0.074%	
128	41.093	250.923	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	1,181,077 95.574%	53,803 4.354%	892 0.072%	
128	42.101	237.830	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	1,210,839 95.637%	54,343 4.292%	892 0.070%	
128	43.098	461.105	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	1,238,476 95.556%	56,698 4.375%	892 0.069%	
128	44.096	325.449	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	1,267,423 95.576%	57,754 4.355%	909 0.069%	
128	45.104	354.040	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	1,296,413 95.578%	59,058 4.354%	922 0.068%	

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	46.091	274.870	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,325,113 95.601%	60,056 4.333%	922 0.067%	
128	47.099	290.237	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,354,379 95.621%	61,095 4.313%	922 0.065%	
128	48.097	298.163	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,383,348 95.641%	62,129 4.295%	922 0.064%	
128	49.094	376.752	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,411,455 95.601%	64,025 4.337%	922 0.062%	
128	50.092	367.231	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,439,387 95.551%	66,097 4.388%	922 0.061%	
128	51.099	267.066	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,468,805 95.581%	66,986 4.359%	922 0.060%	
128	52.097	295.825	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,497,447 95.579%	68,347 4.362%	922 0.059%	
128	53.095	330.316	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,525,885 95.564%	69,913 4.379%	922 0.058%	
128	54.092	223.367	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,555,441 95.618%	70,359 4.325%	922 0.057%	
128	55.100	354.185	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,584,165 95.603%	71,940 4.342%	922 0.056%	
128	56.098	1,098.434	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,610,470 95.469%	74,381 4.409%	2,055 0.122%	

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	57.095	299.224	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,639,795 95.508%	75,062 4.372%	2,055 0.120%	
128	58.093	358.202	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,668,260 95.497%	76,603 4.385%	2,055 0.118%	
128	59.100	406.452	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,696,783 95.474%	78,368 4.410%	2,073 0.117%	
128	62.204	418.584	99.310 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	1,722,114 95.441%	80,192 4.444%	2,073 0.115%	
252	0.302	1,065.020	192.630 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	15,330 88.073%	1,569 9.014%	507 2.913%	
252	1.300	705.235	183.220 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	66,361 86.866%	9,527 12.471%	507 0.664%	
252	2.298	849.036	183.220 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	113,946 84.124%	20,997 15.502%	507 0.374%	
252	3.295	629.461	183.220 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	167,027 85.921%	26,861 13.818%	507 0.261%	
252	4.293	466.256	183.220 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	222,405 87.747%	30,551 12.053%	507 0.200%	
252	5.300	682.824	183.220 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	273,987 87.501%	38,629 12.337%	507 0.162%	
252	6.298	662.192	183.220 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	327,330 87.962%	44,289 11.902%	507 0.136%	

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	483.717	183.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	383,133 88.856%	47,545 11.027%	507 0.118%	
252	8.293	1,550.250	183.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	427,643 87.474%	58,713 12.010%	2,526 0.517%	
252	9.291	548.807	183.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	481,871 87.934%	63,597 11.605%	2,526 0.461%	
252	10.298	598.406	183.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	535,738 88.164%	69,395 11.420%	2,526 0.416%	
252	11.296	624.433	183.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	587,672 88.142%	76,533 11.479%	2,526 0.379%	
252	12.294	528.057	183.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	642,345 88.502%	80,923 11.150%	2,526 0.348%	
252	13.291	569.298	183.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	696,206 88.710%	86,083 10.969%	2,526 0.322%	
252	14.299	578.785	183.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	749,775 88.786%	92,177 10.915%	2,526 0.299%	
252	15.297	661.237	183.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	802,442 88.813%	98,551 10.907%	2,526 0.280%	
252	16.294	598.479	183.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	856,906 89.032%	103,036 10.705%	2,526 0.262%	

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

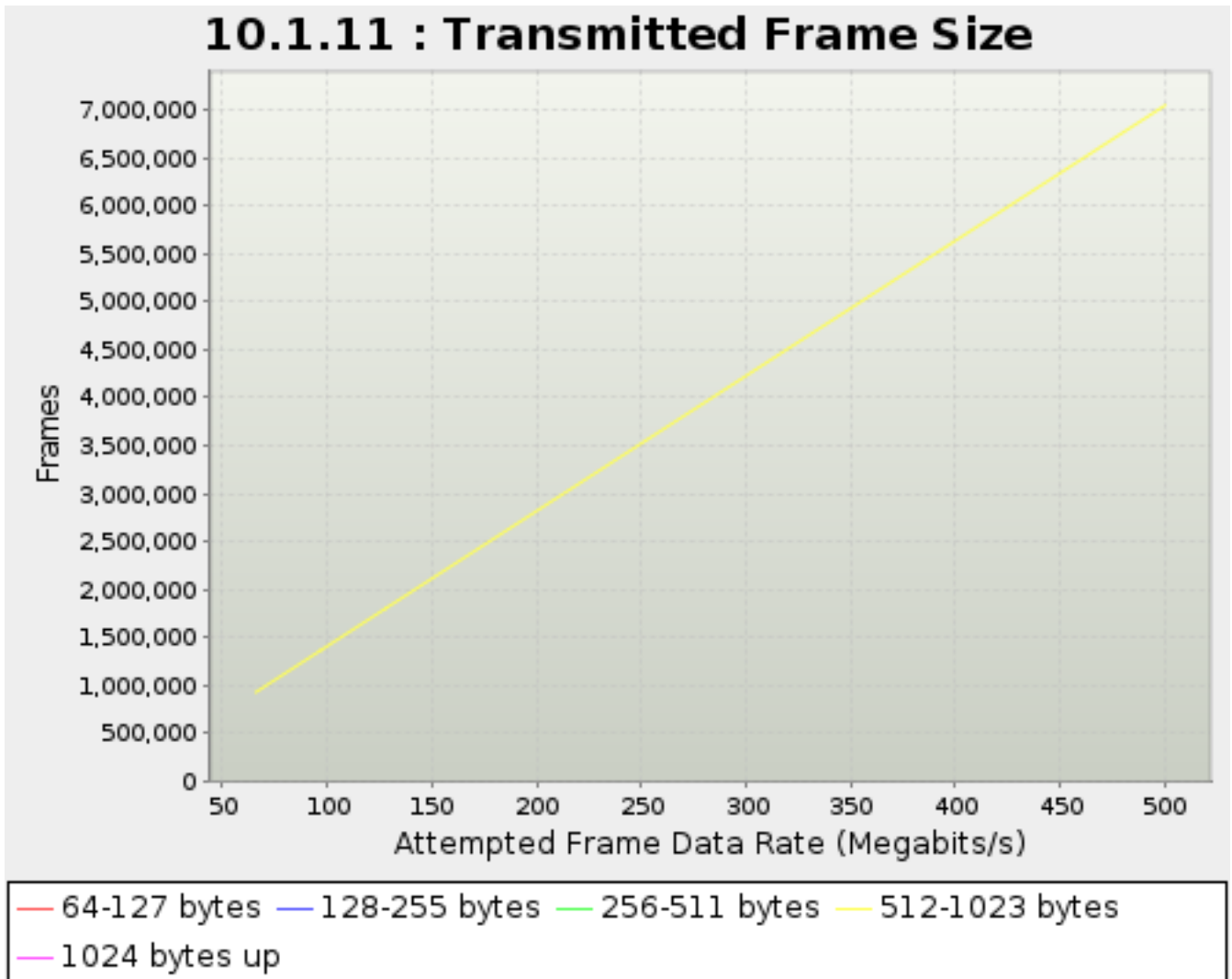
10.1.10. Component Summary

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	1,367,460 100.000%	700,139,520	700,139,520 100.000%
128	1,804,500	1,804,380 99.993%	923,904,000	923,842,560 99.993%
252	3,552,600	3,548,177 99.875%	1,818,931,200	1,816,666,624 99.875%
500	7,048,860	5,378,885 76.309%	3,609,016,320	2,753,989,120 76.309%

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	~15540	~66	66.14
97	~22790	~22910	~97	97.48
128	~30080	~30150	~128	128.3
252	~59210	~59460	~252	253.1
500	~117500	~93760	~500	399.1

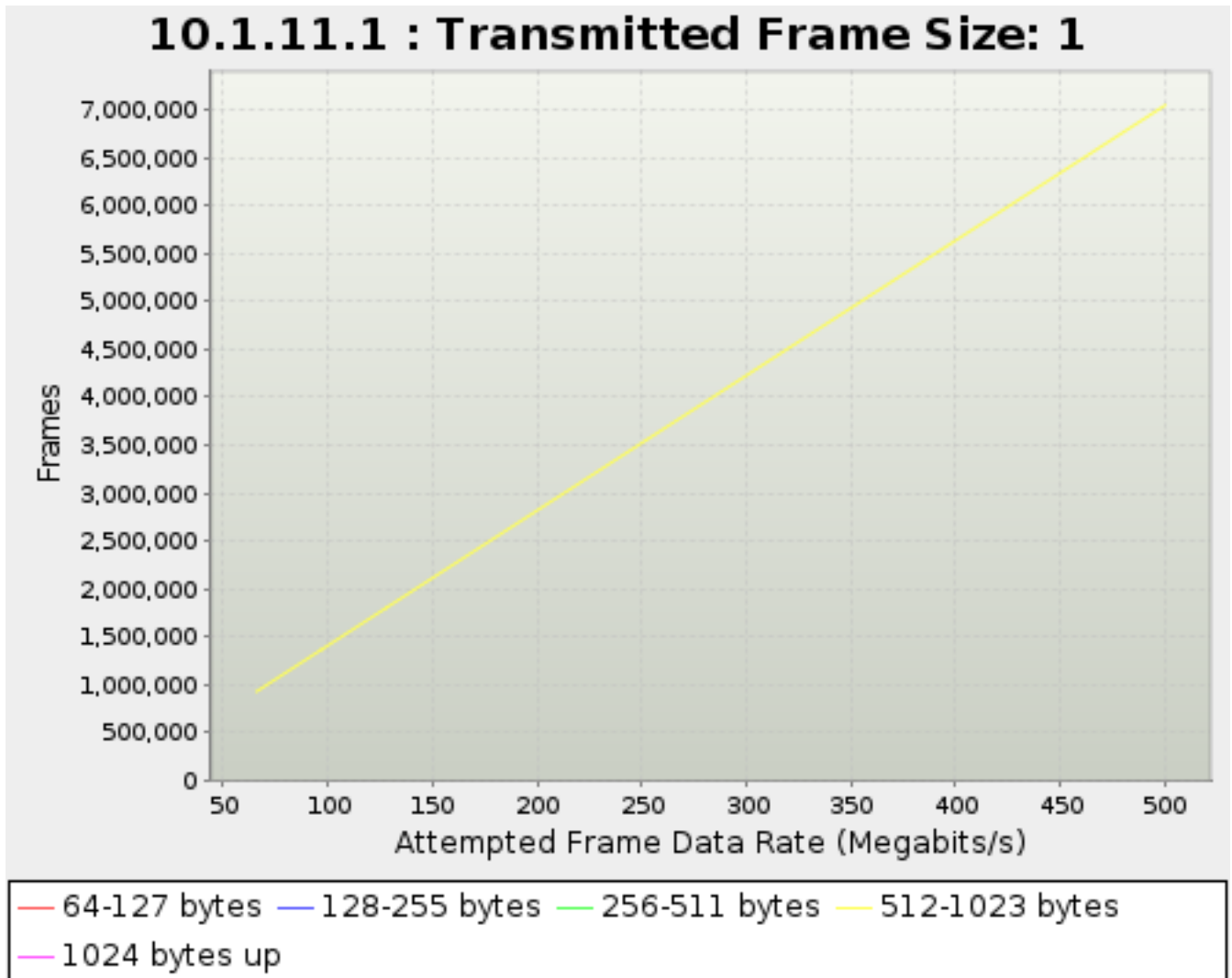
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
66	0	915	0	0	64	0	0	0
97	0	327	0	0	64	0	0	0
128	0	508	0	0	64	120	0	0
252	0	32,594	0	0	64	4,423	0	0
500	0	1,069,703	0	0	64	1,669,975	0	0

10.1.11. Transmitted Frame Size



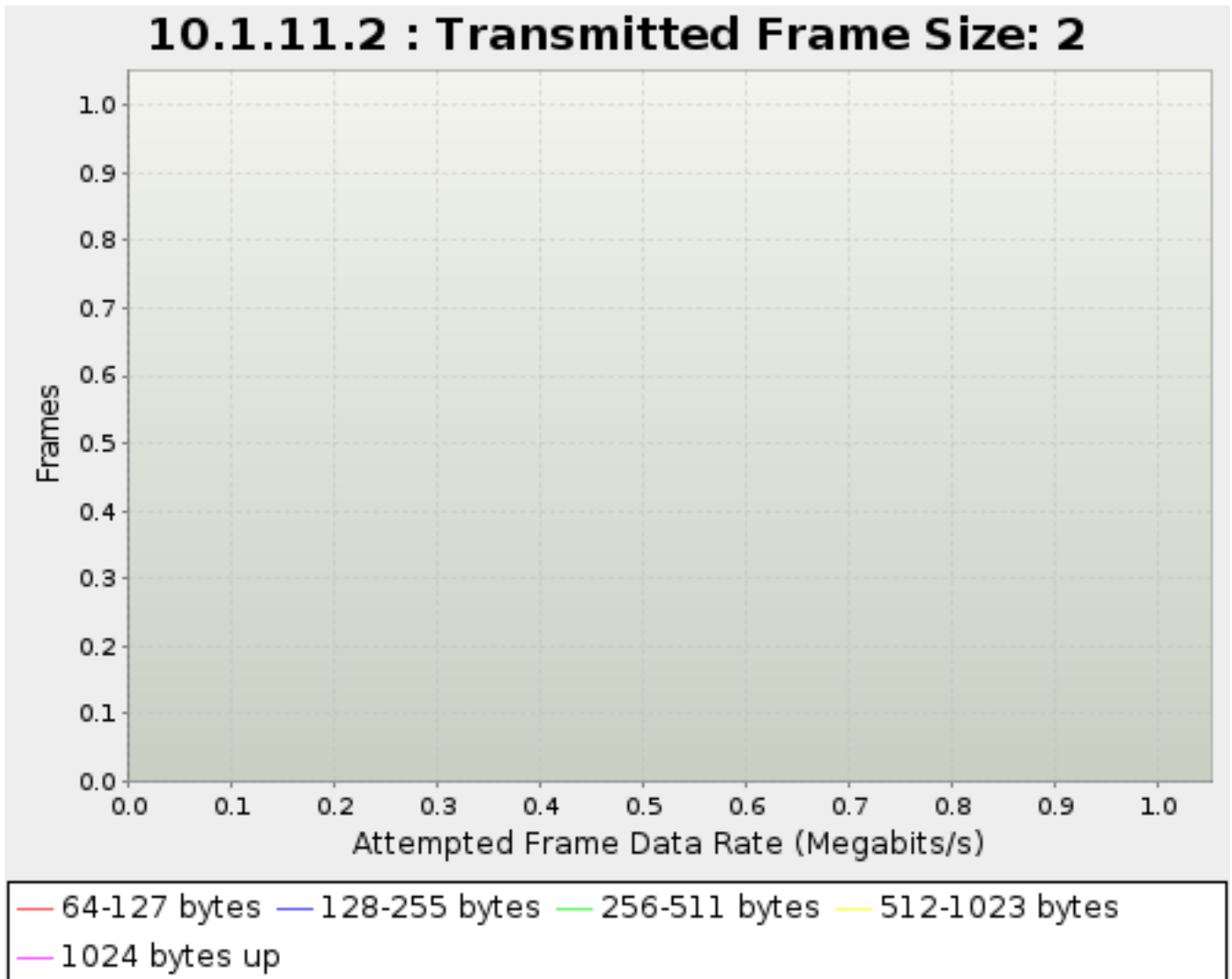
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
66	62.396	0	0	0	930,420	0
97	62.557	0	0	0	1,367,460	0
128	62.204	0	0	0	1,804,500	0
252	62.607	0	0	0	3,552,600	0
500	62.295	0	0	0	7,048,860	0

10.1.11.1. Transmitted Frame Size: 1



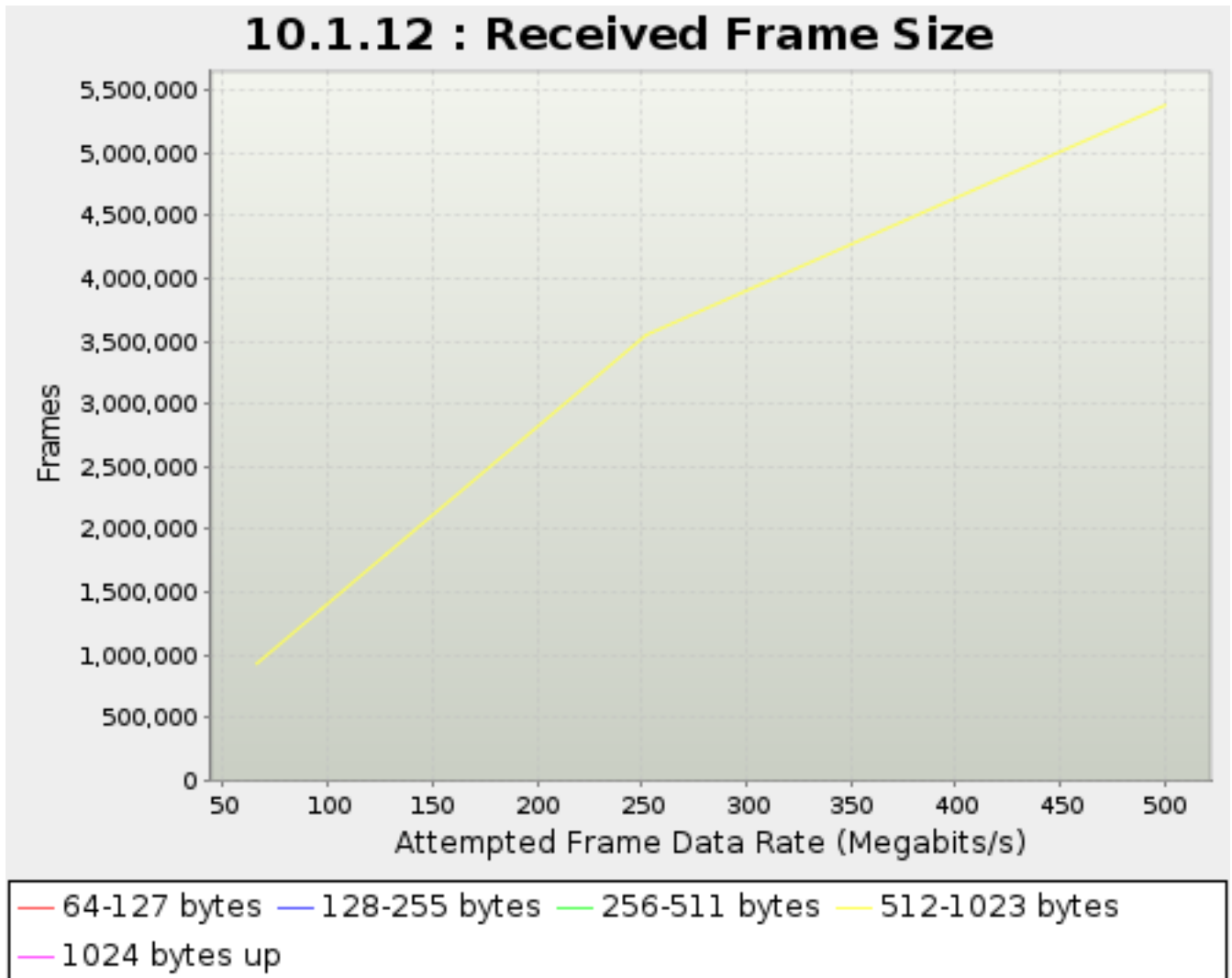
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
66	62.396	0	0	0	930,420	0
97	62.557	0	0	0	1,367,460	0
128	62.204	0	0	0	1,804,500	0
252	62.607	0	0	0	3,552,600	0
500	62.295	0	0	0	7,048,860	0

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	62.396	0	0	0	0	0
97	62.557	0	0	0	0	0
128	62.204	0	0	0	0	0
252	62.607	0	0	0	0	0
500	62.295	0	0	0	0	0

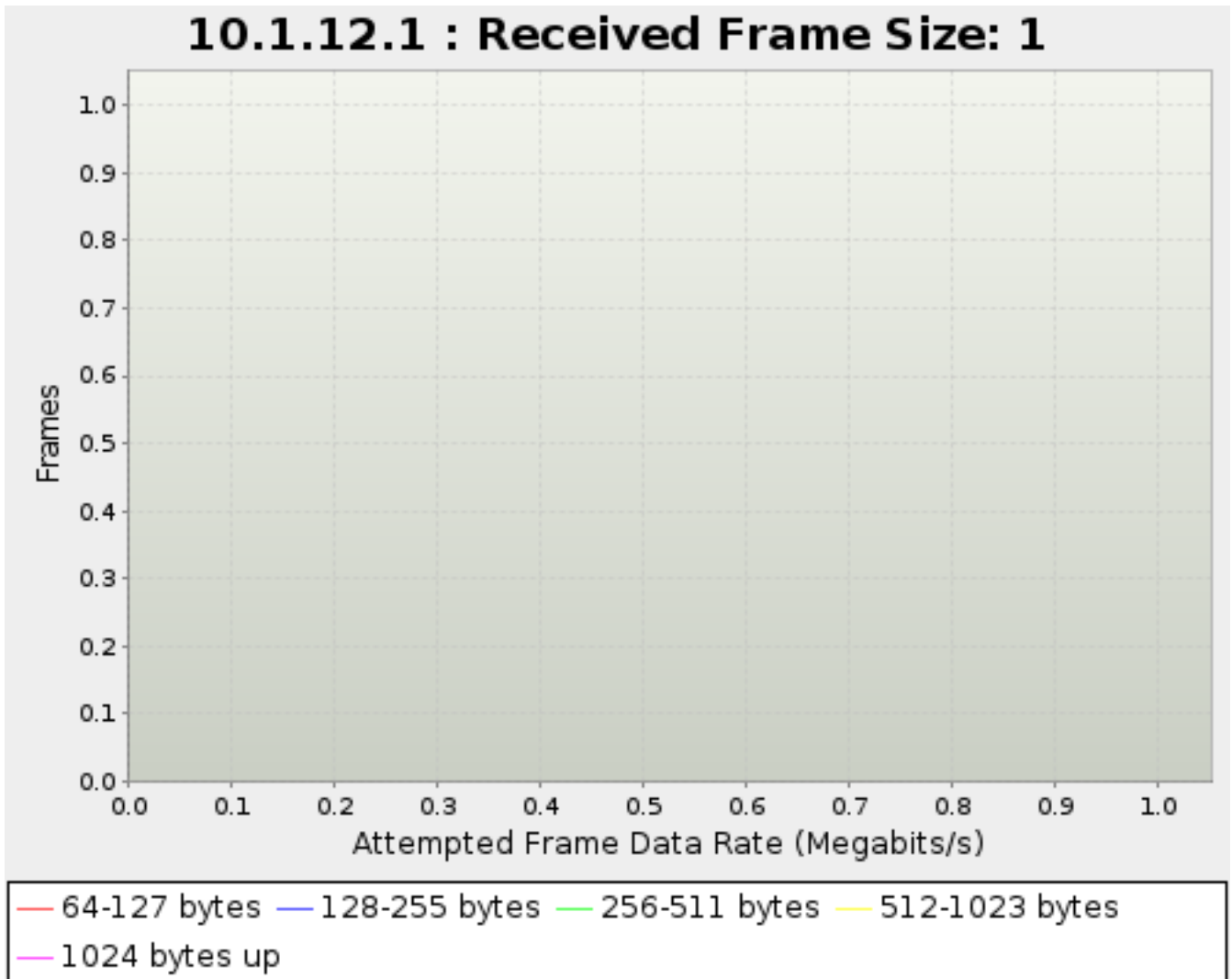
10.1.12. Received Frame Size



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	62.396	0	0	0	930,420	0
97	62.557	0	0	0	1,367,460	0
128	62.204	0	0	0	1,804,380	0
252	62.607	0	0	0	3,548,177	0
500	62.295	0	0	0	5,378,885	0

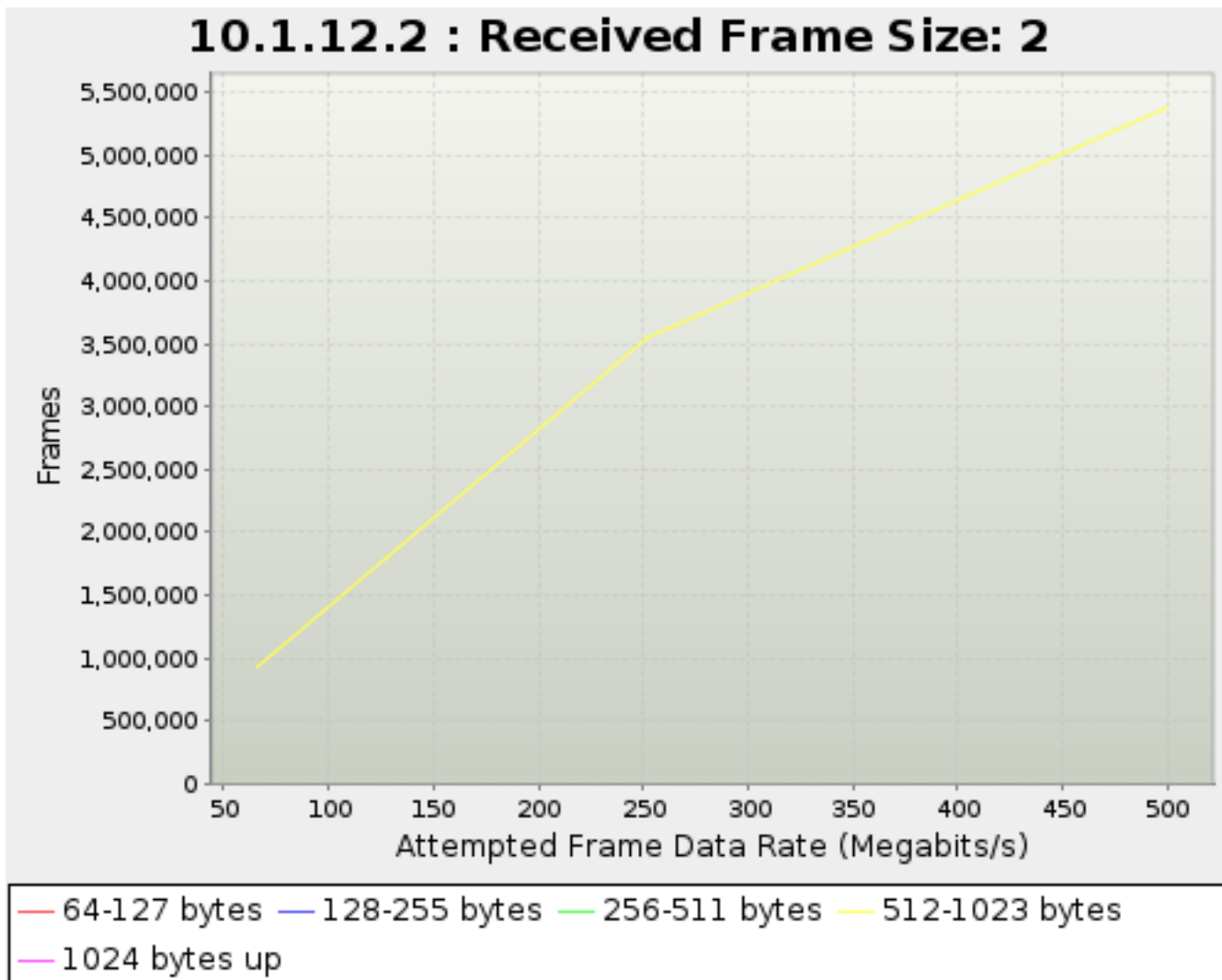
10.1.12.1. Received Frame Size: 1



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	62.396	0	0	0	0	0
97	62.557	0	0	0	0	0
128	62.204	0	0	0	0	0
252	62.607	0	0	0	0	0
500	62.295	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	62.396	0	0	0	930,420	0
97	62.557	0	0	0	1,367,460	0
128	62.204	0	0	0	1,804,380	0
252	62.607	0	0	0	3,548,177	0
500	62.295	0	0	0	5,378,885	0

10.2. Aggregate Stats

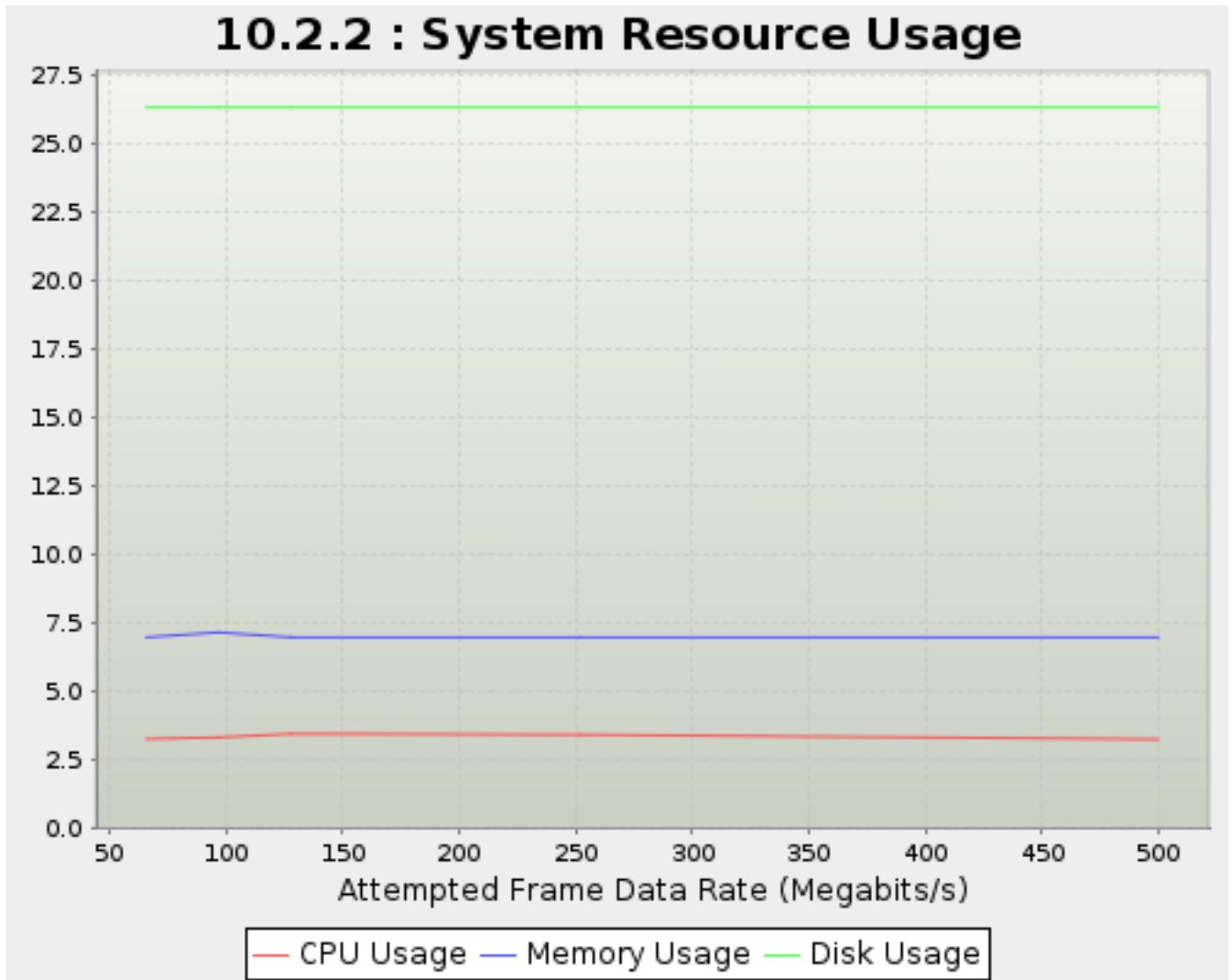
10.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

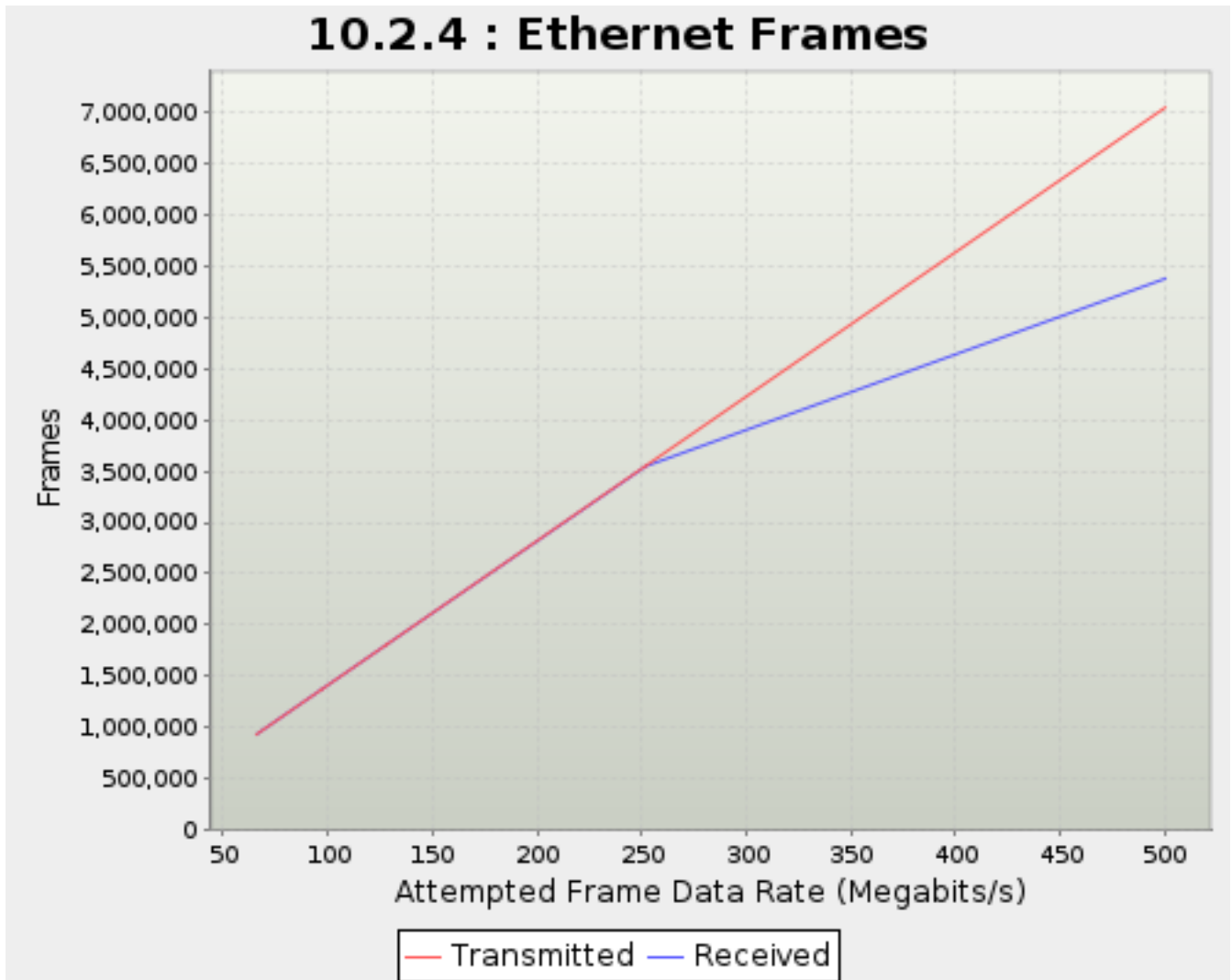
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

10.2.2. System Resource Usage



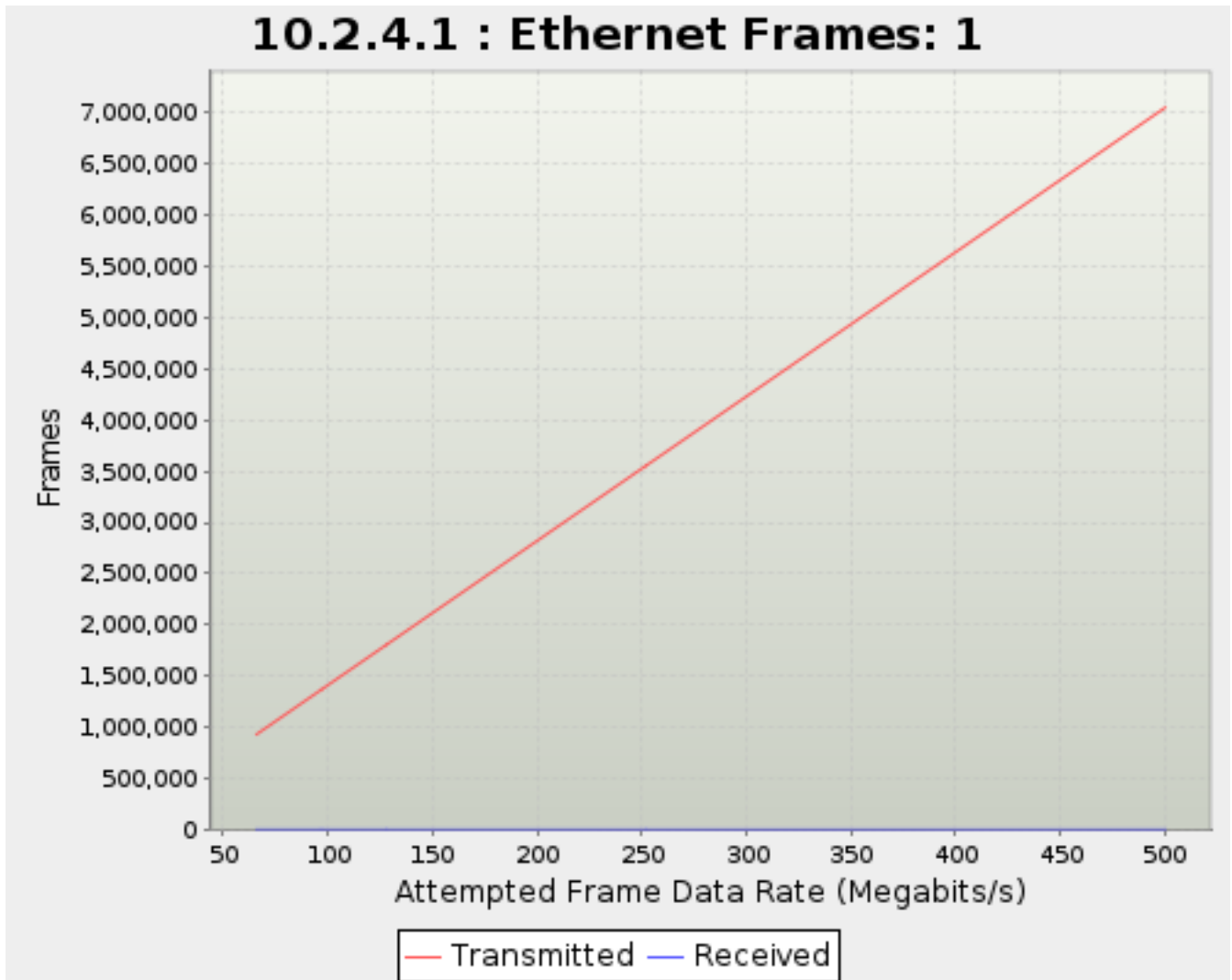
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
66	63.699	3.26	6.98	26.36
97	63.779	3.32	7.16	26.36
128	63.589	3.45	6.98	26.36
252	63.802	3.42	6.98	26.36
500	63.671	3.25	6.98	26.36

10.2.4. Ethernet Frames



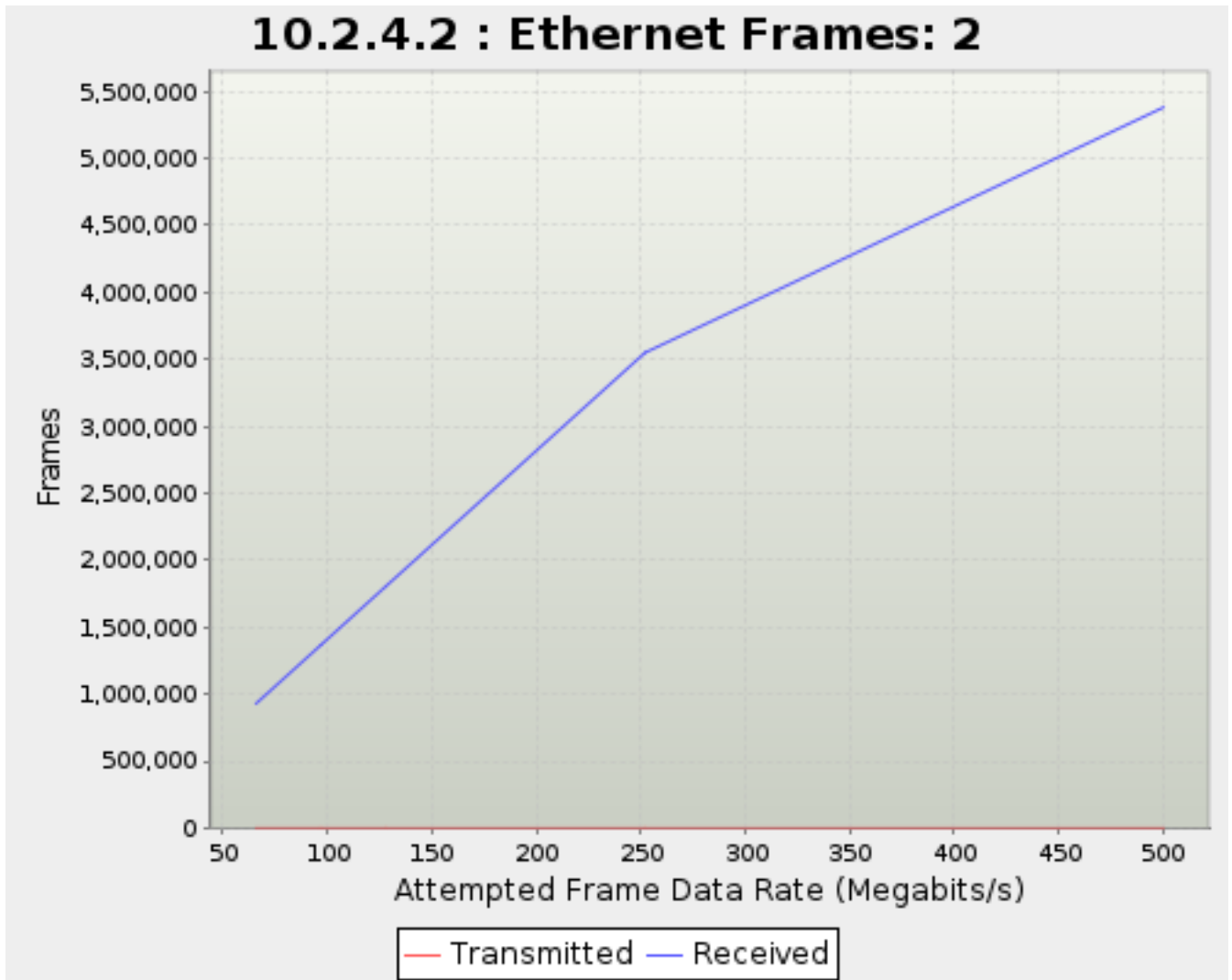
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.685	931,543	931,676 100.014%
97	63.776	1,368,461	1,368,625 100.012%
128	63.575	1,805,579	1,805,592 100.001%
252	63.786	3,553,602	3,549,291 99.879%
500	63.665	7,049,905	5,380,063 76.314%

10.2.4.1. Ethernet Frames: 1



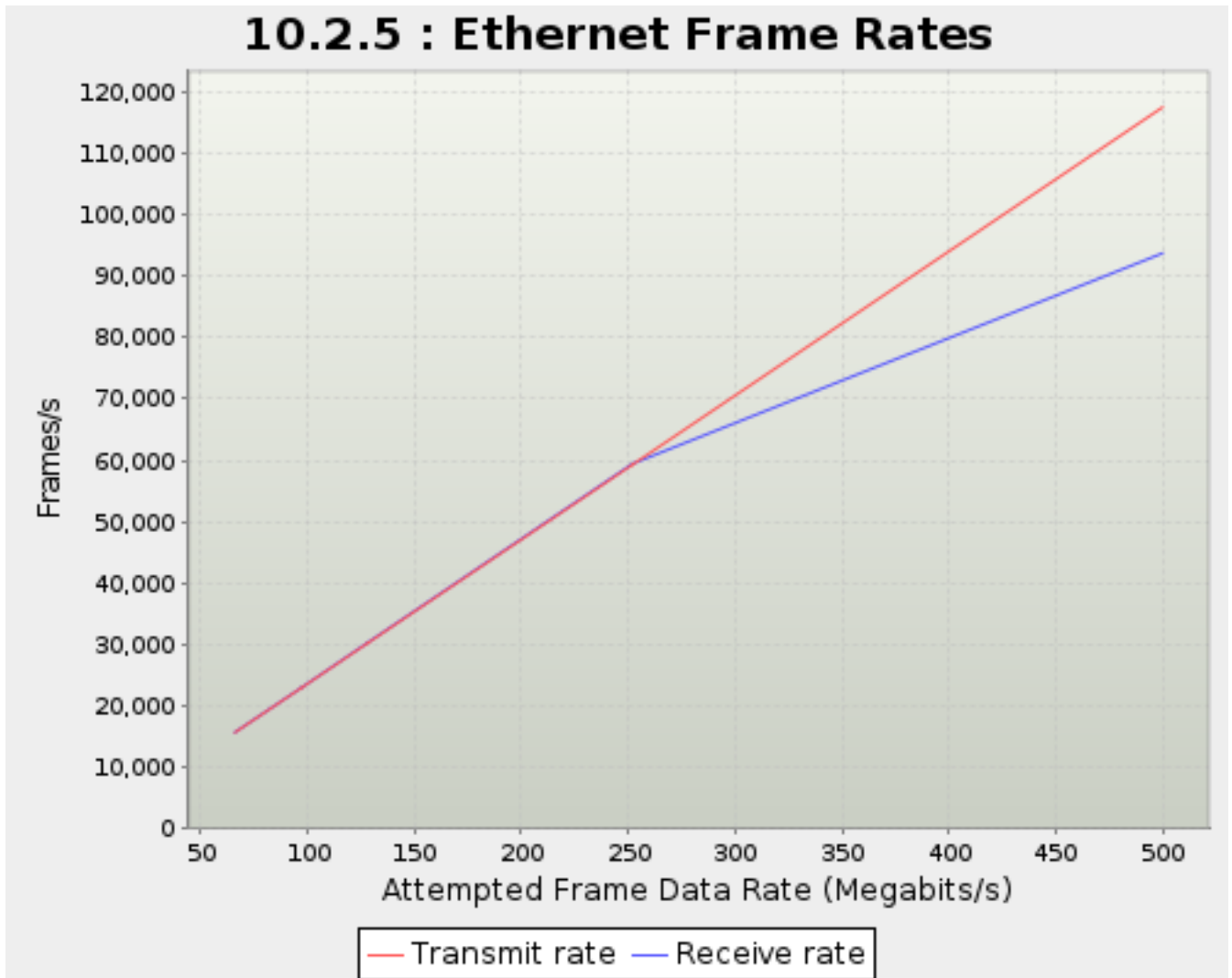
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.685	931,418	999 0.107%
97	63.776	1,368,395	967 0.071%
128	63.575	1,805,515	1,018 0.056%
252	63.786	3,553,536	915 0.026%
500	63.665	7,049,779	918 0.013%

10.2.4.2. Ethernet Frames: 2



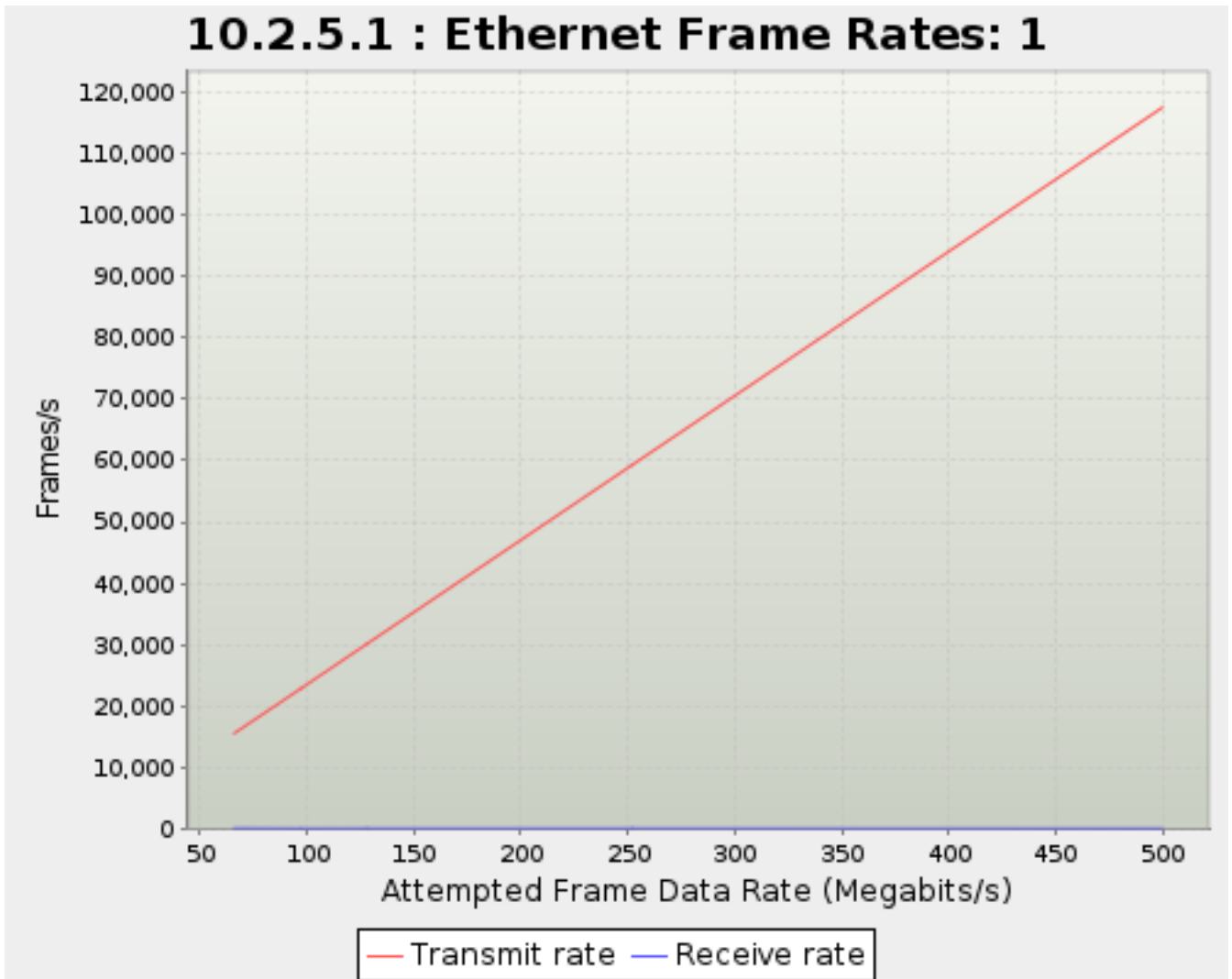
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.685	125	930,677 744541.600%
97	63.776	66	1,367,658 2072209.091%
128	63.575	64	1,804,574 2819646.875%
252	63.786	66	3,548,376 5376327.273%
500	63.665	126	5,379,145 4269162.698%

10.2.5. Ethernet Frame Rates



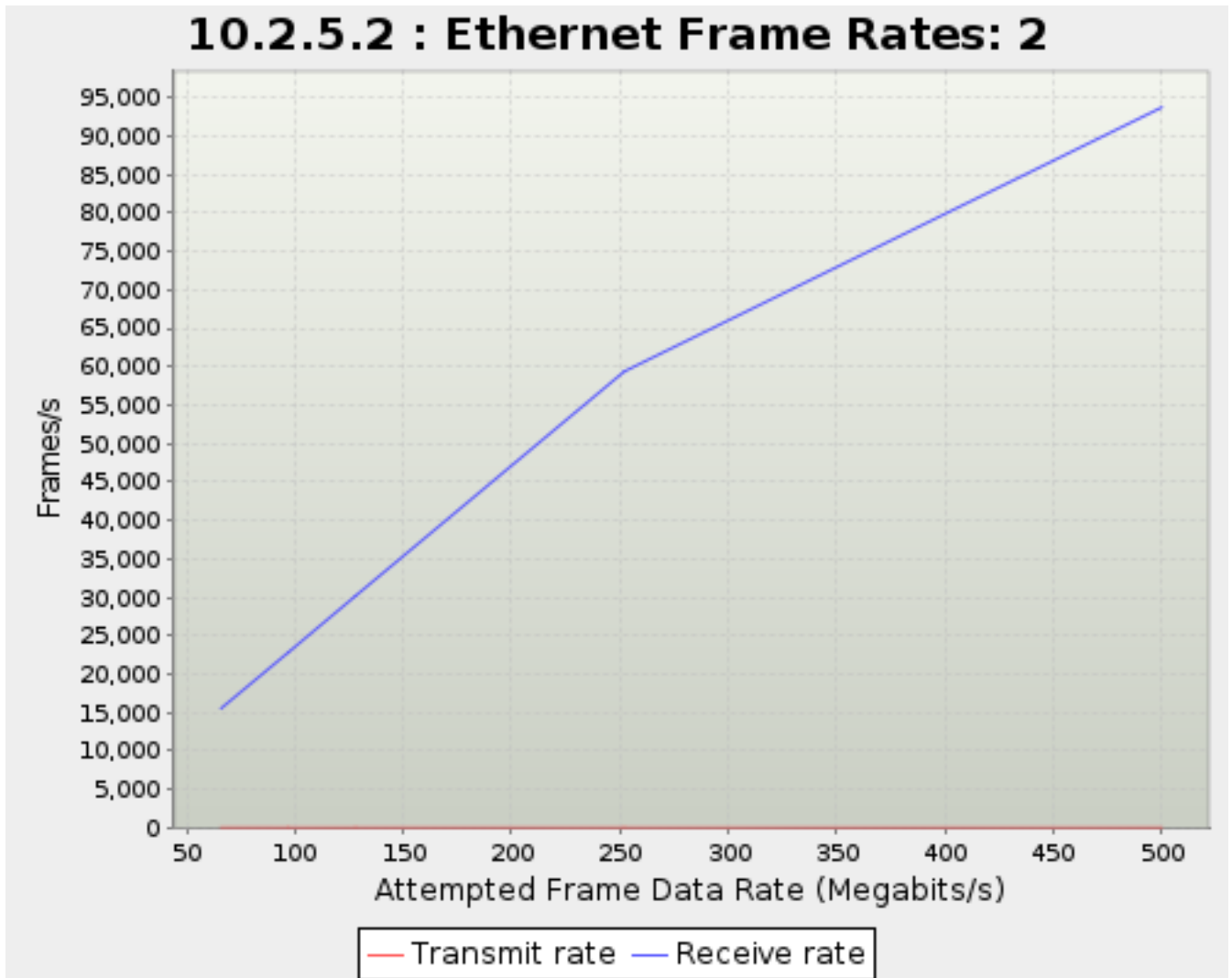
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
66	63.685	~15620	~15650
97	63.776	~22870	~22900
128	63.575	~30170	~30250
252	63.786	~59300	~59450
500	63.665	~117600	~93790

10.2.5.1. Ethernet Frame Rates: 1



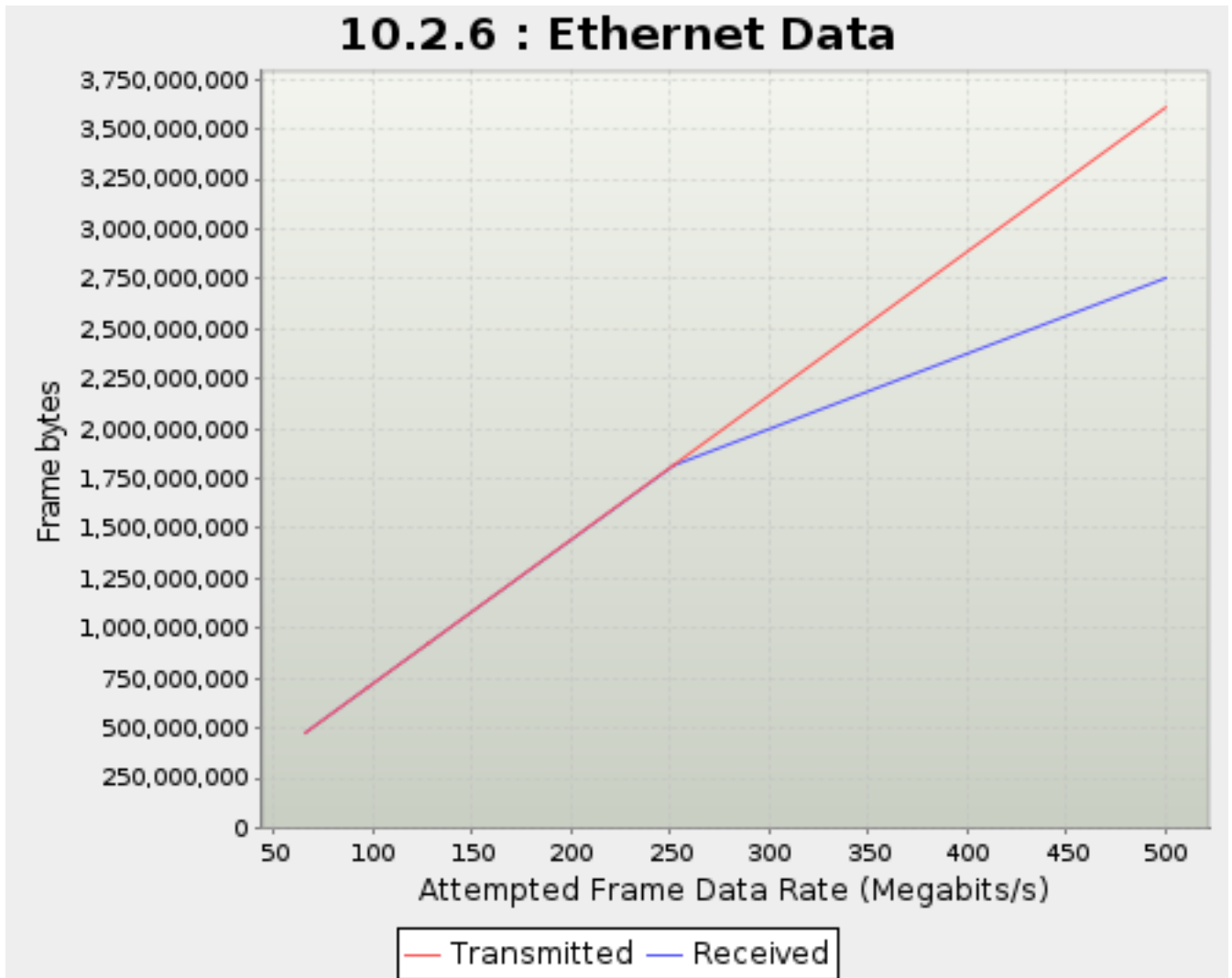
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	63.685	~15580	77.19
97	63.776	~22840	49.12
128	63.575	~30140	62.15
252	63.786	~59270	62.15
500	63.665	~117500	51.60

10.2.5.2. Ethernet Frame Rates: 2



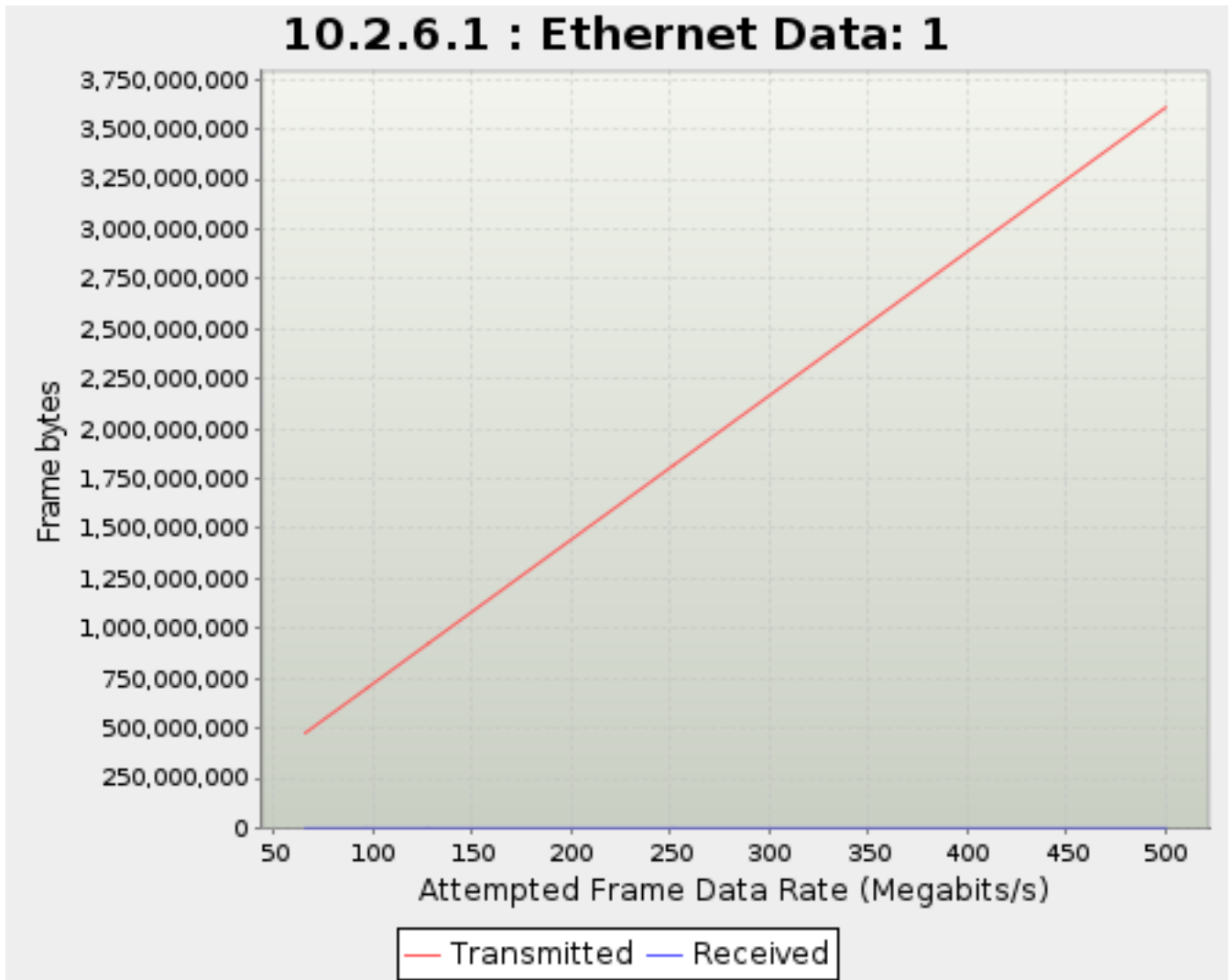
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	63.685	32.08	~15570
97	63.776	30.76	~22850
128	63.575	31.07	~30190
252	63.786	31.07	~59380
500	63.665	31.76	~93730

10.2.6. Ethernet Data



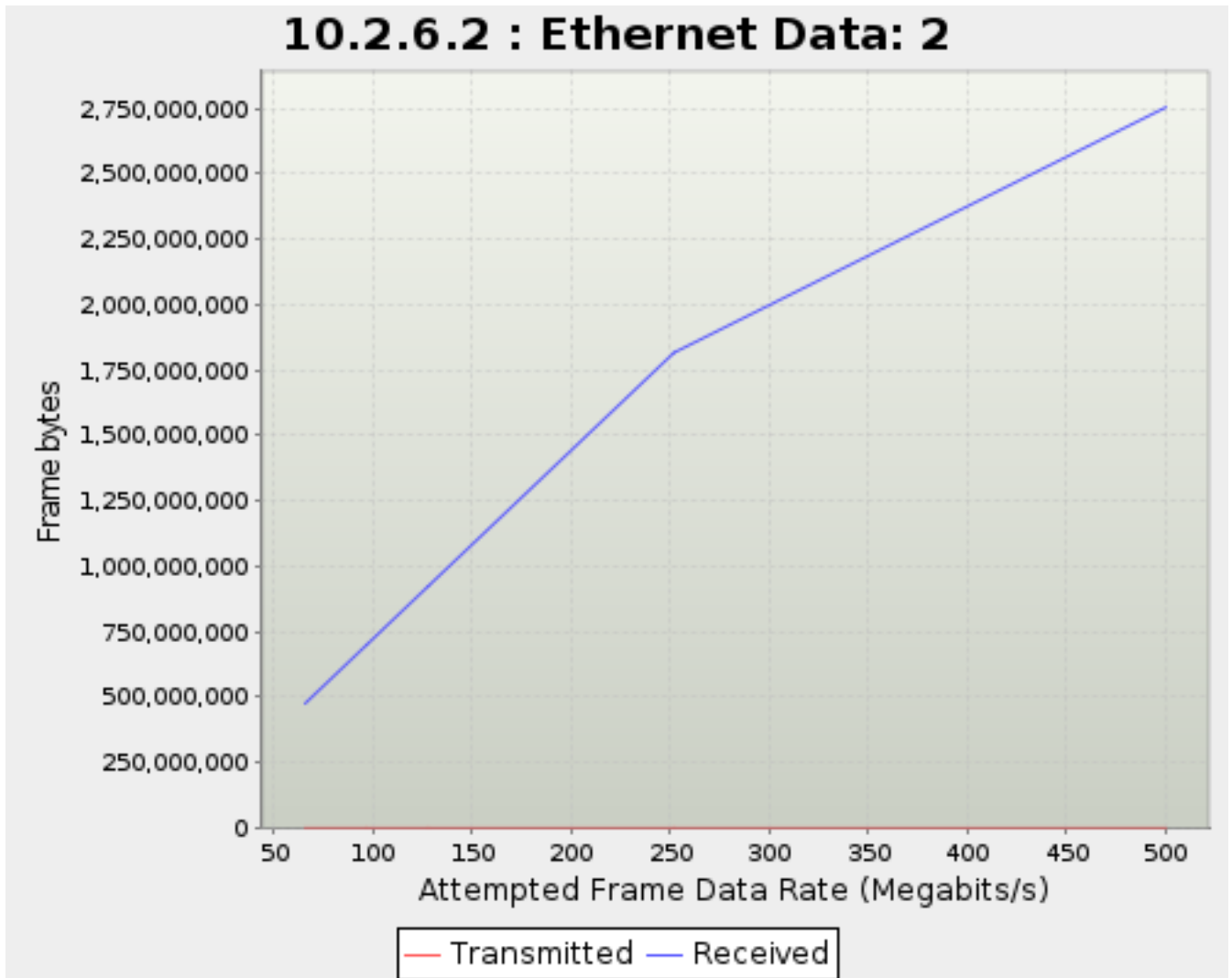
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.685	476,475,584	476,484,494 100.002%
97	63.776	700,232,256	700,243,150 100.002%
128	63.575	924,001,728	923,949,182 99.994%
252	63.786	1,819,024,000	1,816,767,017 99.876%
500	63.665	3,609,111,872	2,754,093,585 76.309%

10.2.6.1. Ethernet Data: 1



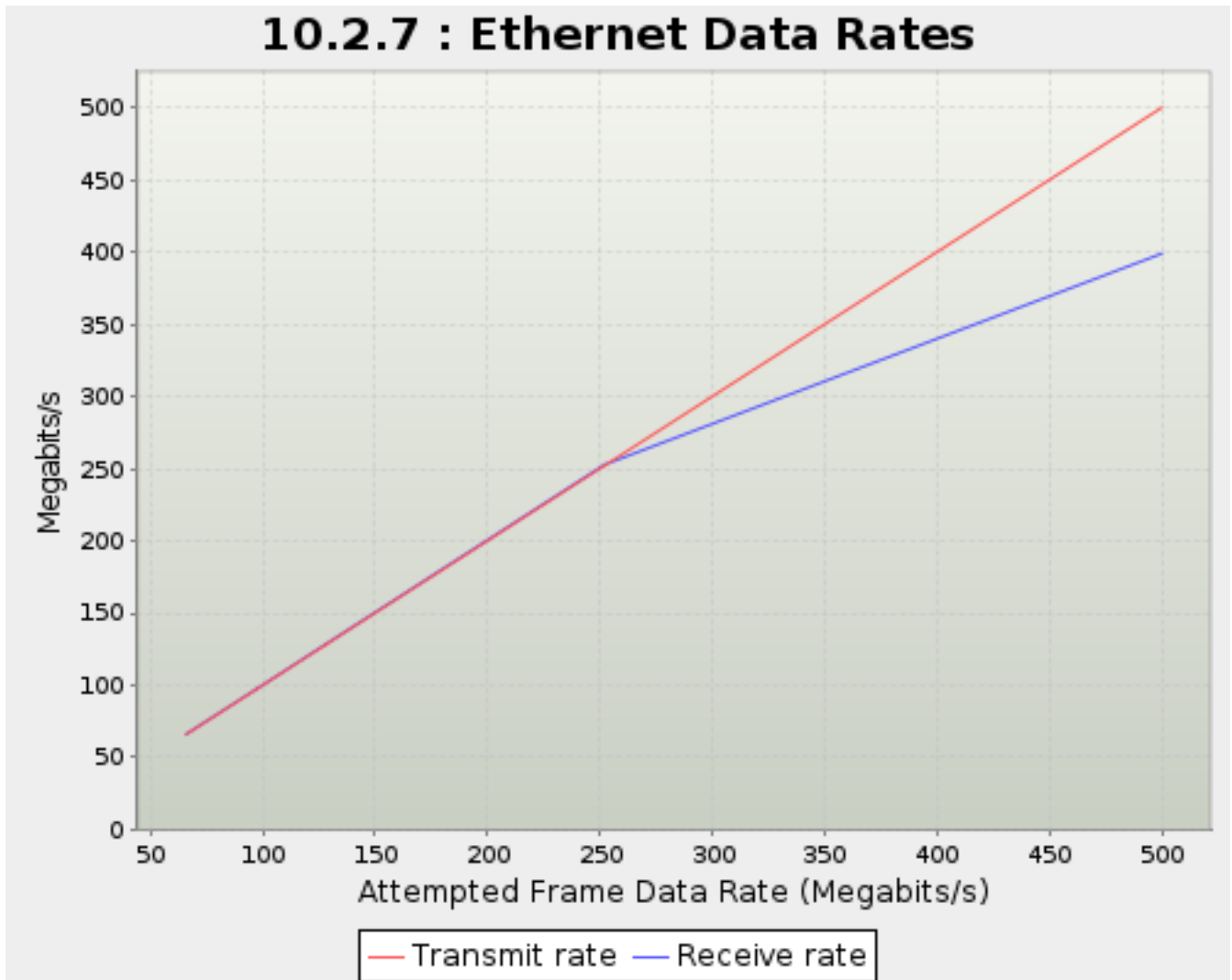
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.685	476,467,584	63,936 0.013%
97	63.776	700,228,032	61,888 0.009%
128	63.575	923,997,632	65,152 0.007%
252	63.786	1,819,019,776	58,560 0.003%
500	63.665	3,609,103,808	58,752 0.002%

10.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.685	8,000	476,420,558 5955256.975%
97	63.776	4,224	700,181,262 16576260.938%
128	63.575	4,096	923,884,030 22555762.451%
252	63.786	4,224	1,816,708,457 43009196.425%
500	63.665	8,064	2,754,034,833 34152217.671%

10.2.7. Ethernet Data Rates



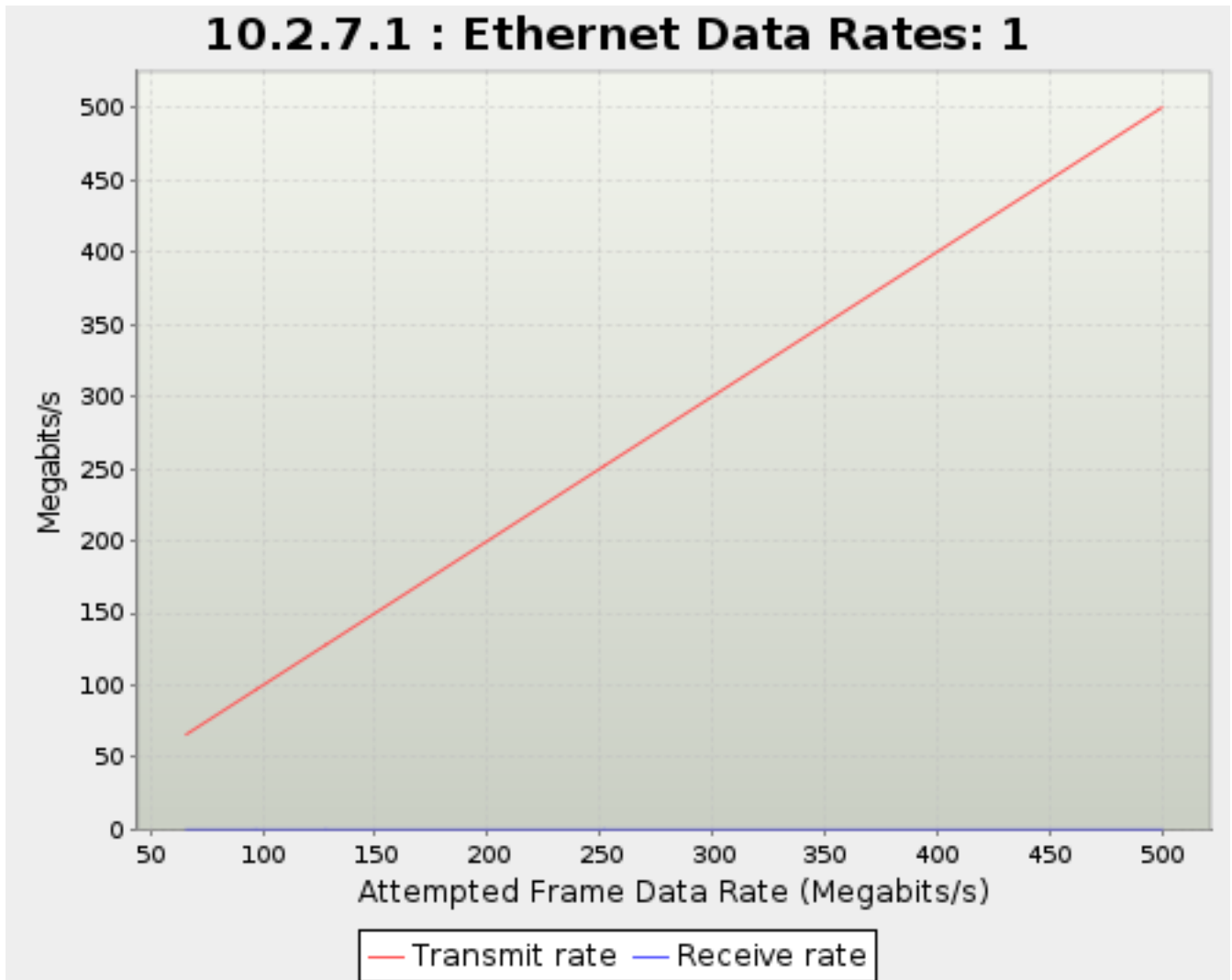
Data Rate shown includes Ethernet overhead.

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	63.685	66.07	66.33
97	63.776	97.05	97.27
128	63.575	128.1	128.5
252	63.786	252.1	252.8
500	63.665	500.1	~399

10.2.7.1. Ethernet Data Rates: 1



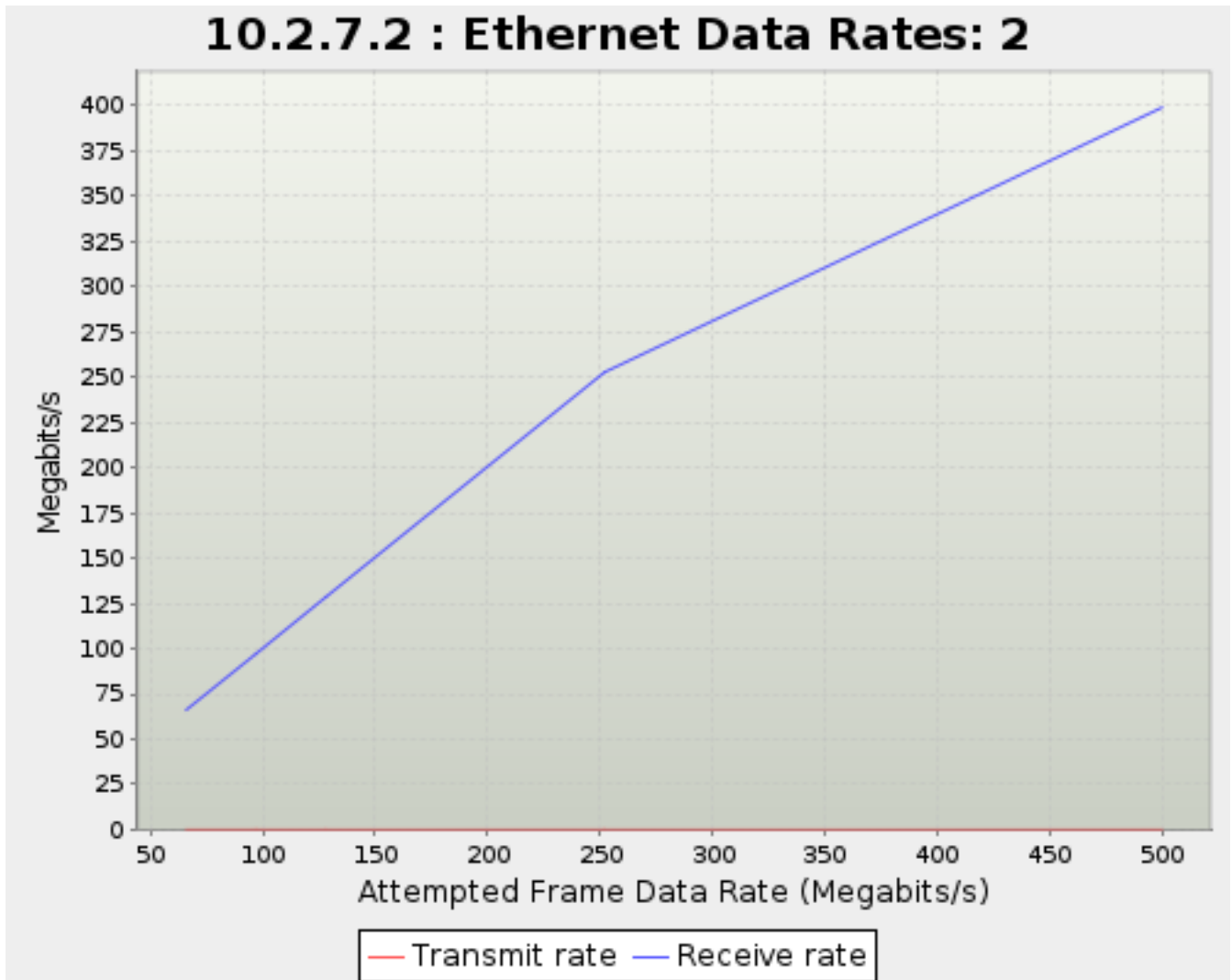
Data Rate shown includes Ethernet overhead.

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	63.685	66.05	0.05187
97	63.776	97.03	0.03301
128	63.575	~128	0.04176
252	63.786	~252	0.04176
500	63.665	~500	0.03468

10.2.7.2. Ethernet Data Rates: 2



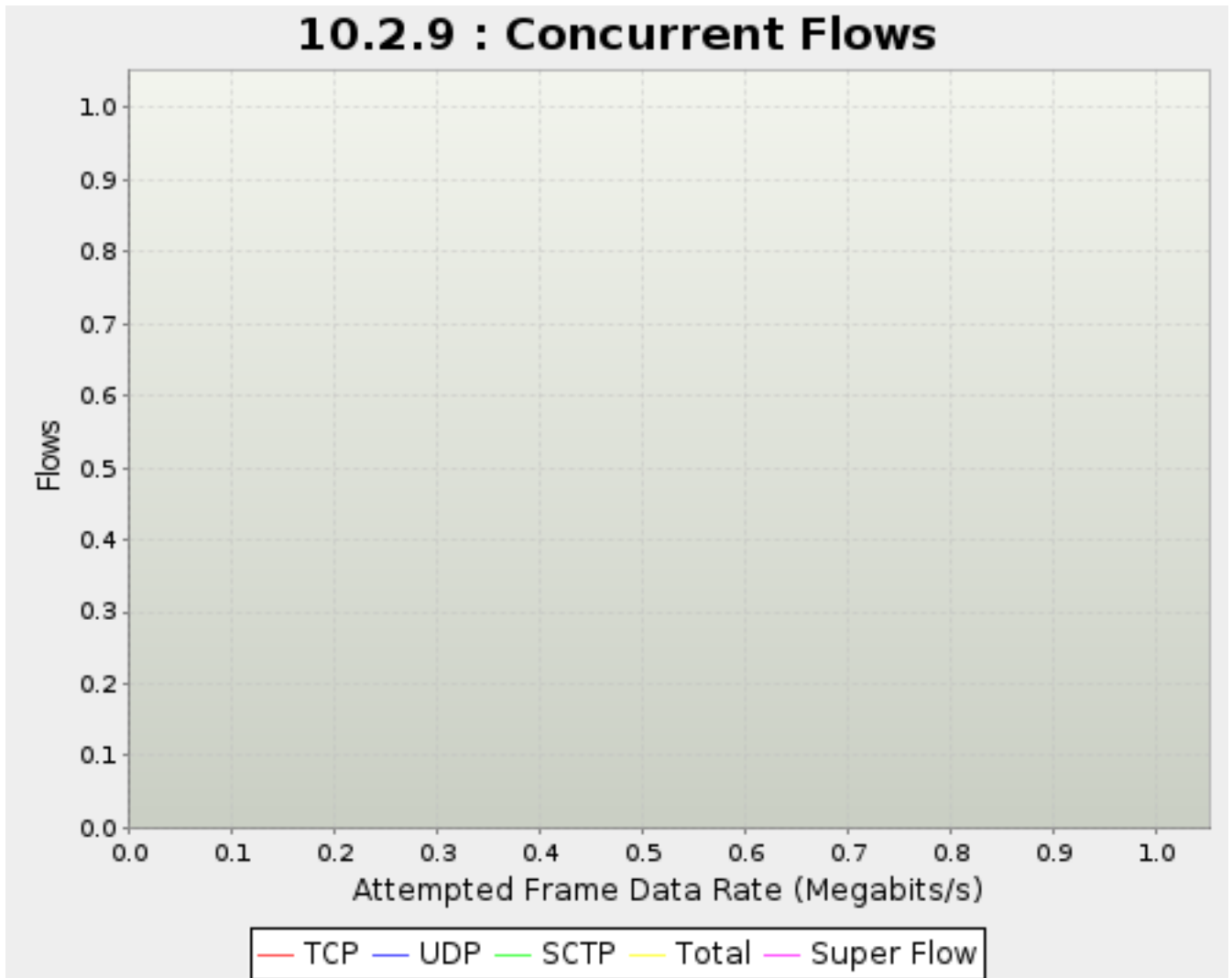
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

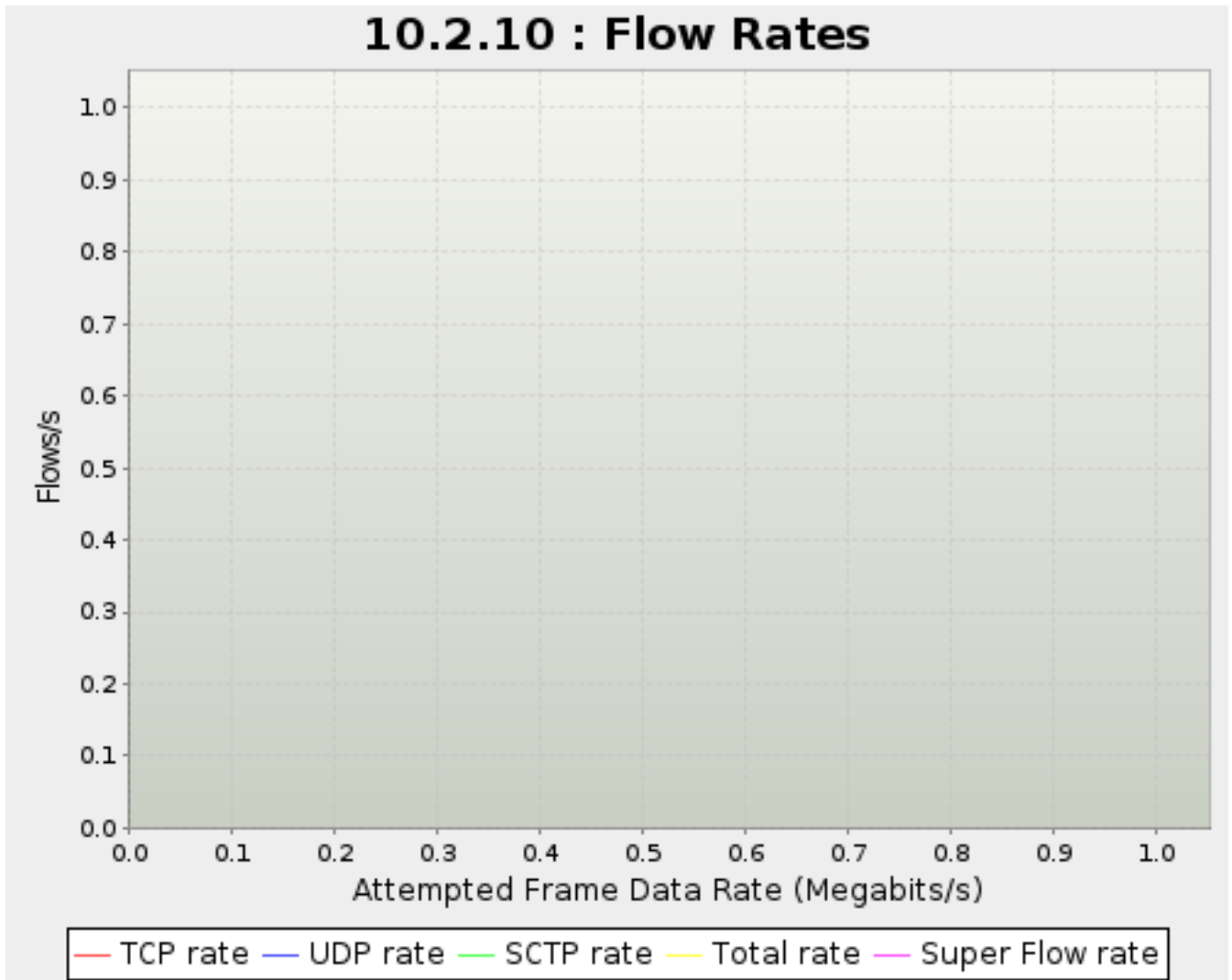
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	63.685	0.02156	66.27
97	63.776	0.02067	97.24
128	63.575	0.02088	128.5
252	63.786	0.02088	252.7
500	63.665	0.02134	398.9

10.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
66	63.207	0	0	0	0	0
97	63.292	0	0	0	0	0
128	63.110	0	0	0	0	0
252	63.308	0	0	0	0	0
500	63.161	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	63.207	0.00	0.00	0.00	0.00	0.00
97	63.292	0.00	0.00	0.00	0.00	0.00
128	63.110	0.00	0.00	0.00	0.00	0.00
252	63.308	0.00	0.00	0.00	0.00	0.00
500	63.161	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		10.201.0.0/16	10.201.0.254	up
128	0		192.168.0.0/16	192.168.0.1	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		192.168.0.0/16	192.168.0.1	up
500	0		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	0		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	63.685	6	6	1,133	1,053	0	80	0	0
97	63.777	6	6	985	931	0	54	0	0
128	63.581	6	6	1,091	1,009	0	82	0	0
252	63.789	6	6	991	932	0	59	0	0
500	63.663	6	6	992	975	0	17	0	0

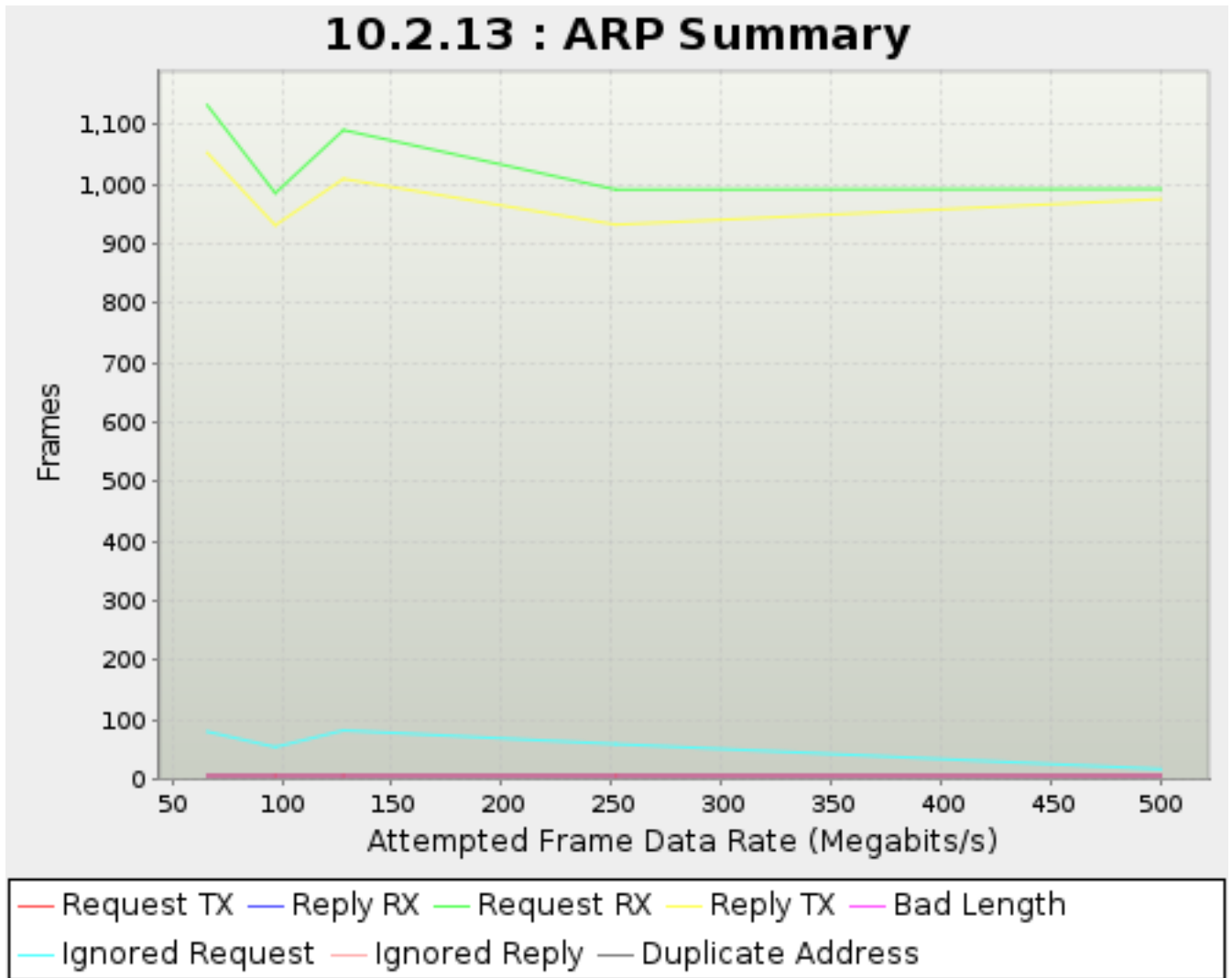
10.2.12.1. ARP: 1

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	63.685	3	3	996	931	0	65	0	0
97	63.777	3	3	907	868	0	39	0	0
128	63.581	3	3	1,015	948	0	67	0	0
252	63.789	3	3	912	869	0	43	0	0
500	63.663	3	3	854	852	0	2	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	63.685	3	3	137	122	0	15	0	0
97	63.777	3	3	78	63	0	15	0	0
128	63.581	3	3	76	61	0	15	0	0
252	63.789	3	3	79	63	0	16	0	0
500	63.663	3	3	138	123	0	15	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	1,133	1,053	0	80	0	0
97	6	6	985	931	0	54	0	0
128	6	6	1,091	1,009	0	82	0	0
252	6	6	991	932	0	59	0	0
500	6	6	992	975	0	17	0	0

10.2.16. Slot 1 NP np1-0 statistics

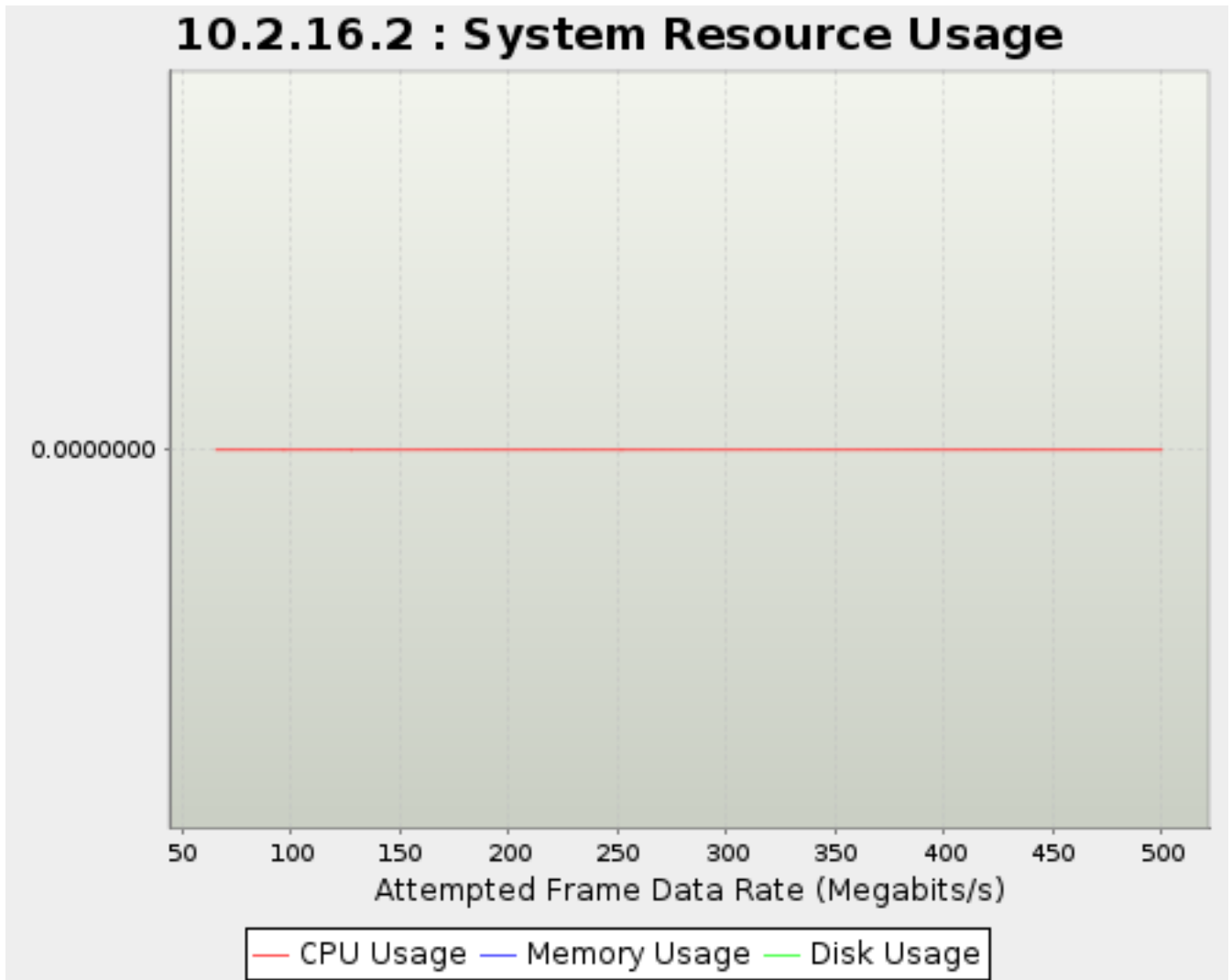
10.2.16.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

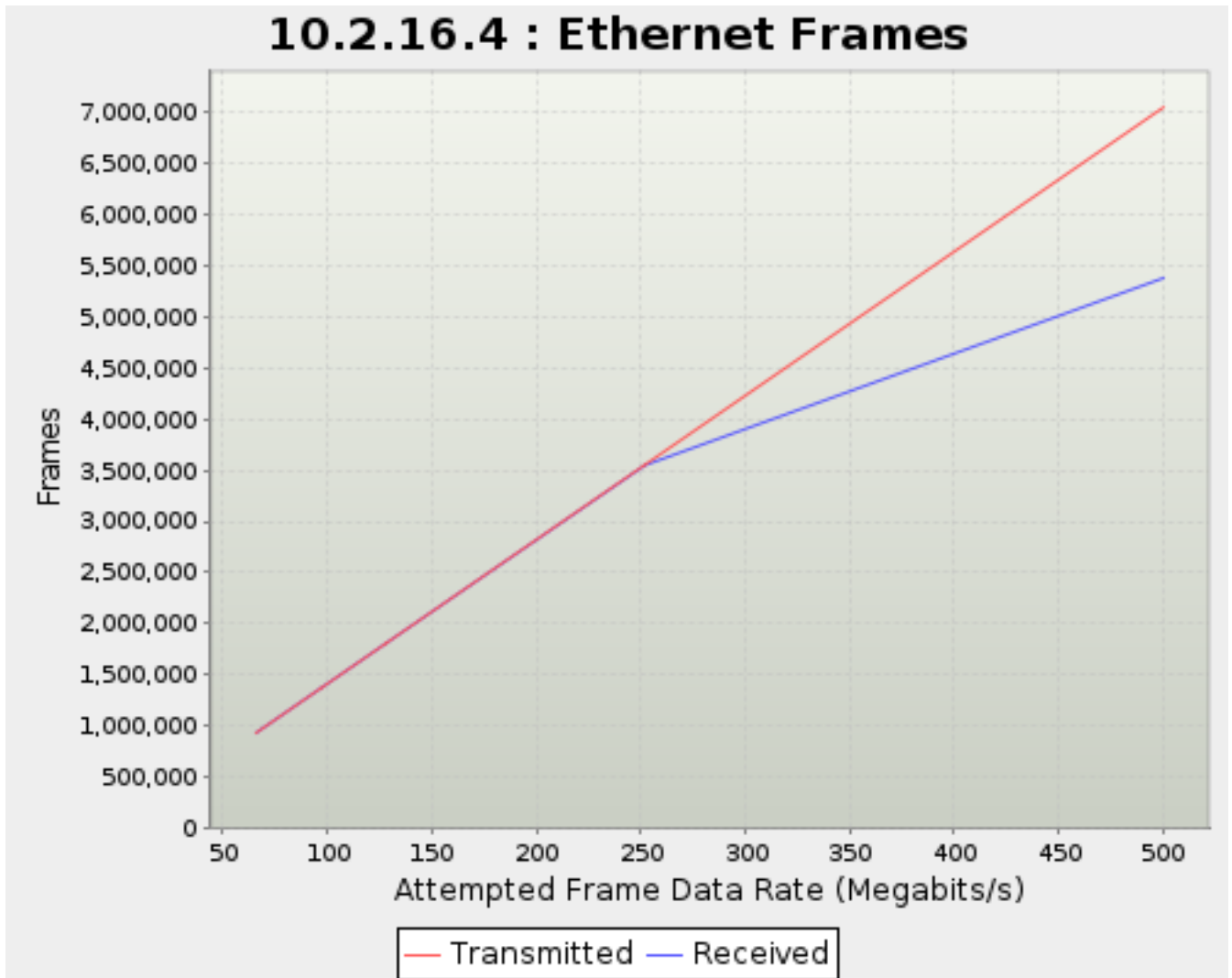
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0

10.2.16.2. System Resource Usage



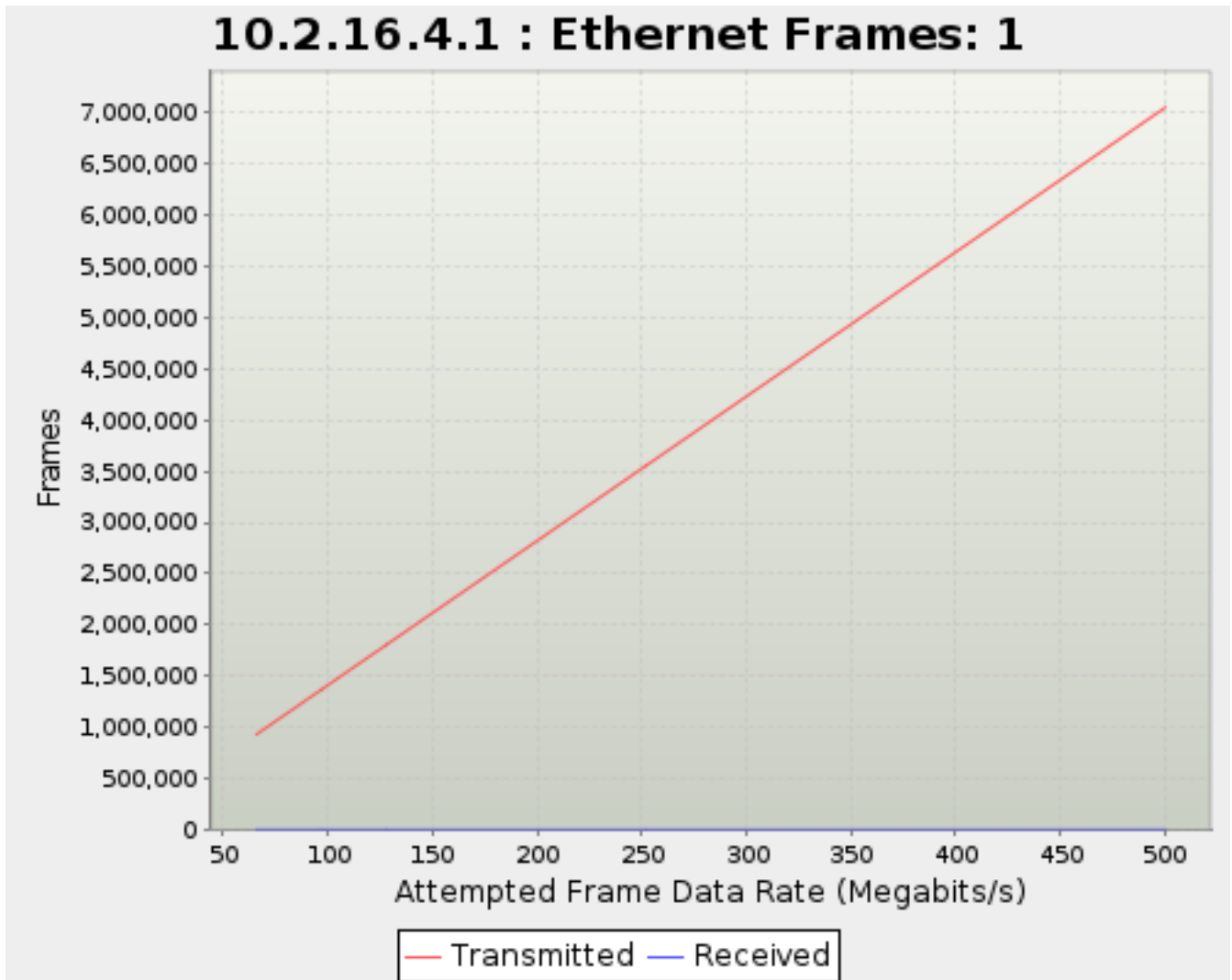
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
66	63.685	0	0	0
97	63.777	0	0	0
128	63.581	0	0	0
252	63.789	0	0	0
500	63.663	0	0	0

10.2.16.4. Ethernet Frames



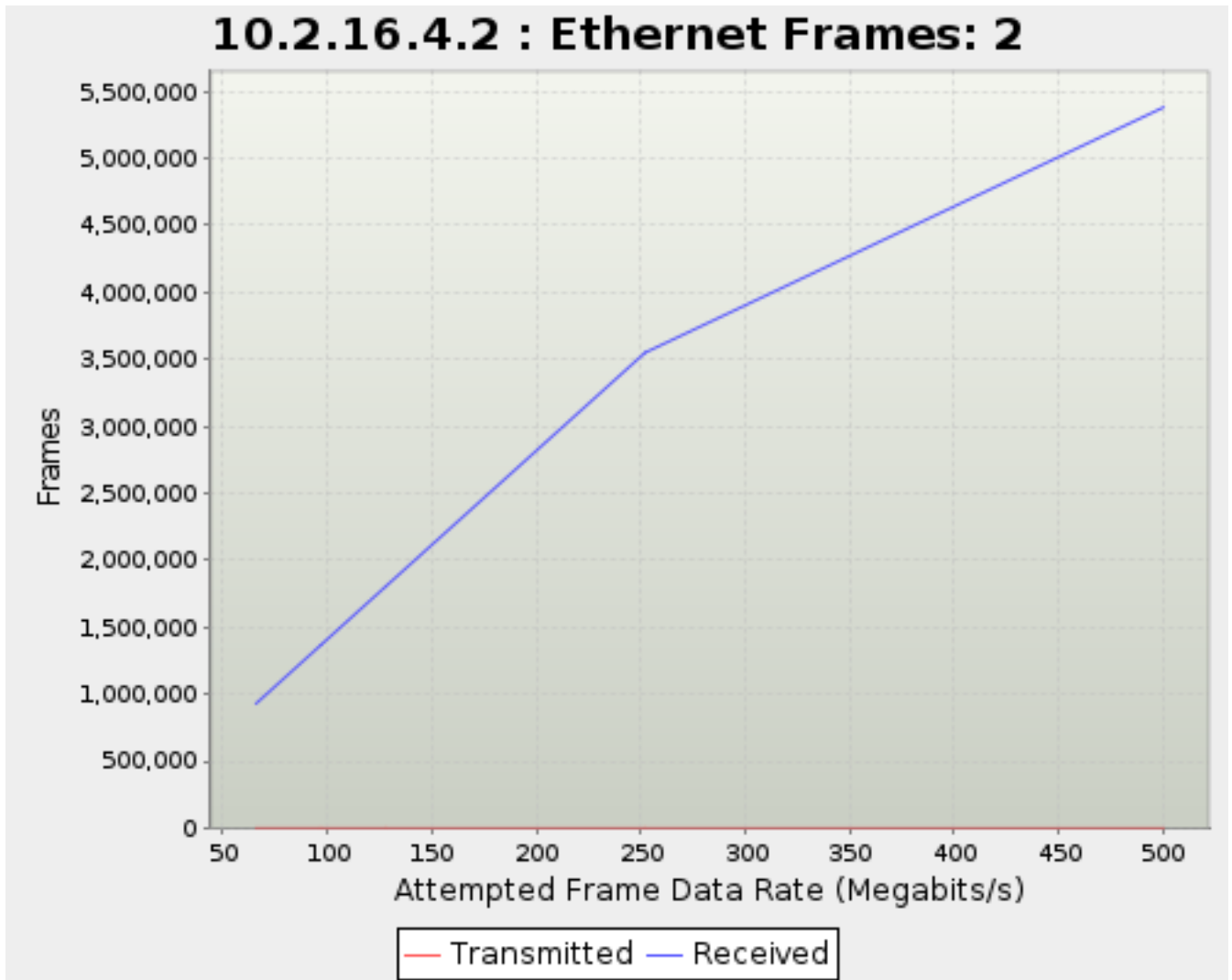
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.685	931,543	931,676 100.014%
97	63.776	1,368,461	1,368,625 100.012%
128	63.575	1,805,579	1,805,592 100.001%
252	63.786	3,553,602	3,549,291 99.879%
500	63.665	7,049,905	5,380,063 76.314%

10.2.16.4.1. Ethernet Frames: 1



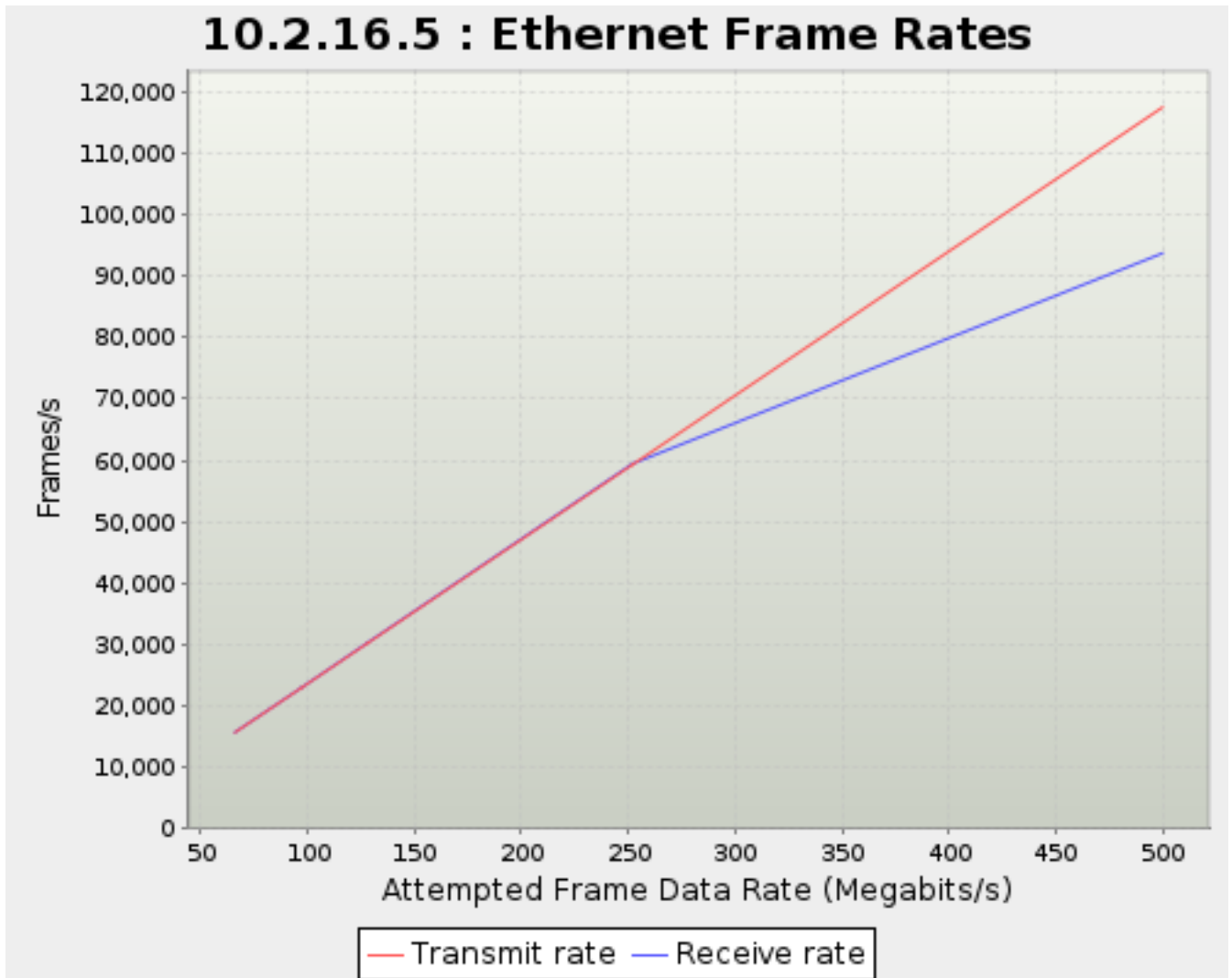
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.685	931,418	999 0.107%
97	63.776	1,368,395	967 0.071%
128	63.575	1,805,515	1,018 0.056%
252	63.786	3,553,536	915 0.026%
500	63.665	7,049,779	918 0.013%

10.2.16.4.2. Ethernet Frames: 2



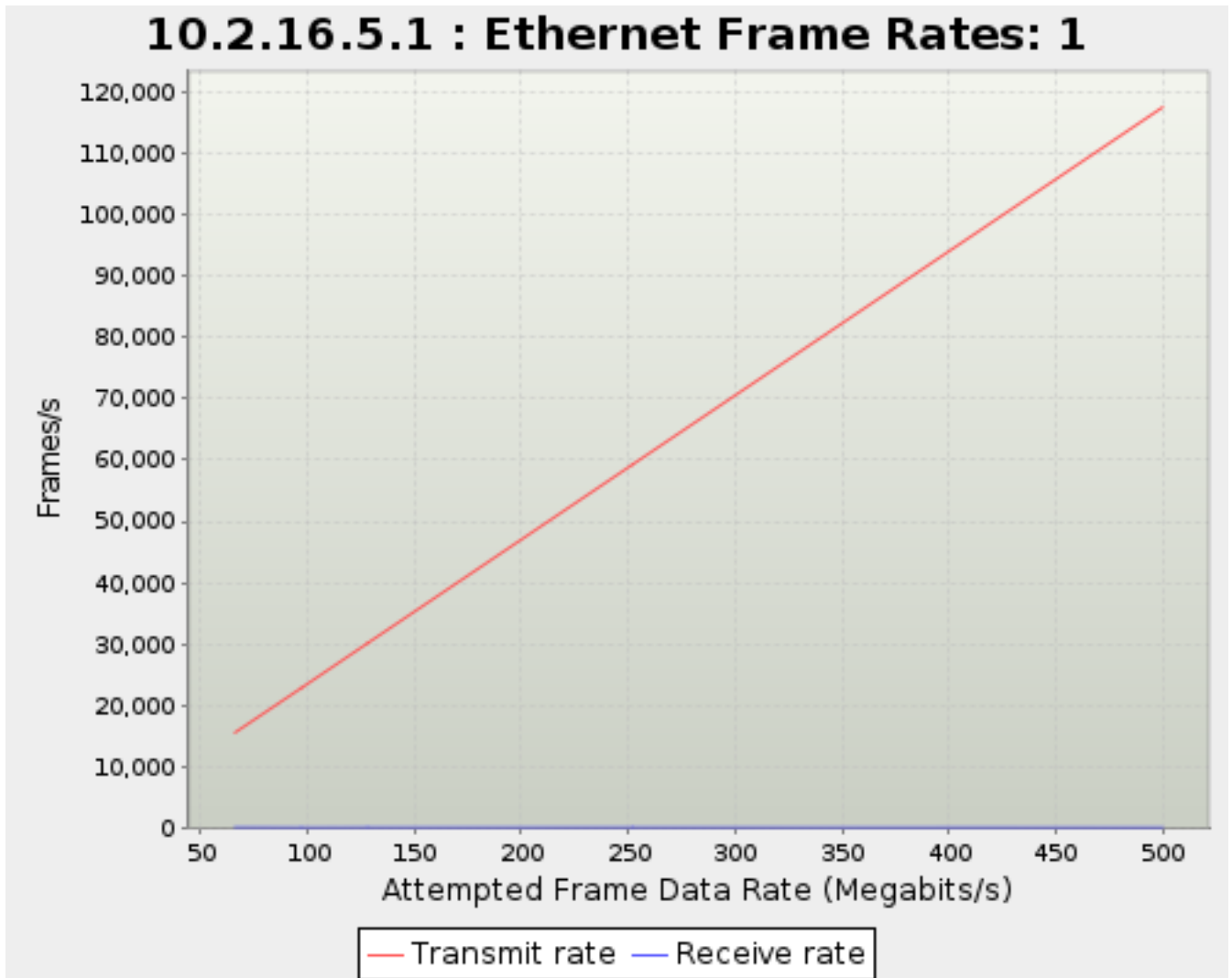
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
66	63.685	125	930,677 744541.600%
97	63.776	66	1,367,658 2072209.091%
128	63.575	64	1,804,574 2819646.875%
252	63.786	66	3,548,376 5376327.273%
500	63.665	126	5,379,145 4269162.698%

10.2.16.5. Ethernet Frame Rates



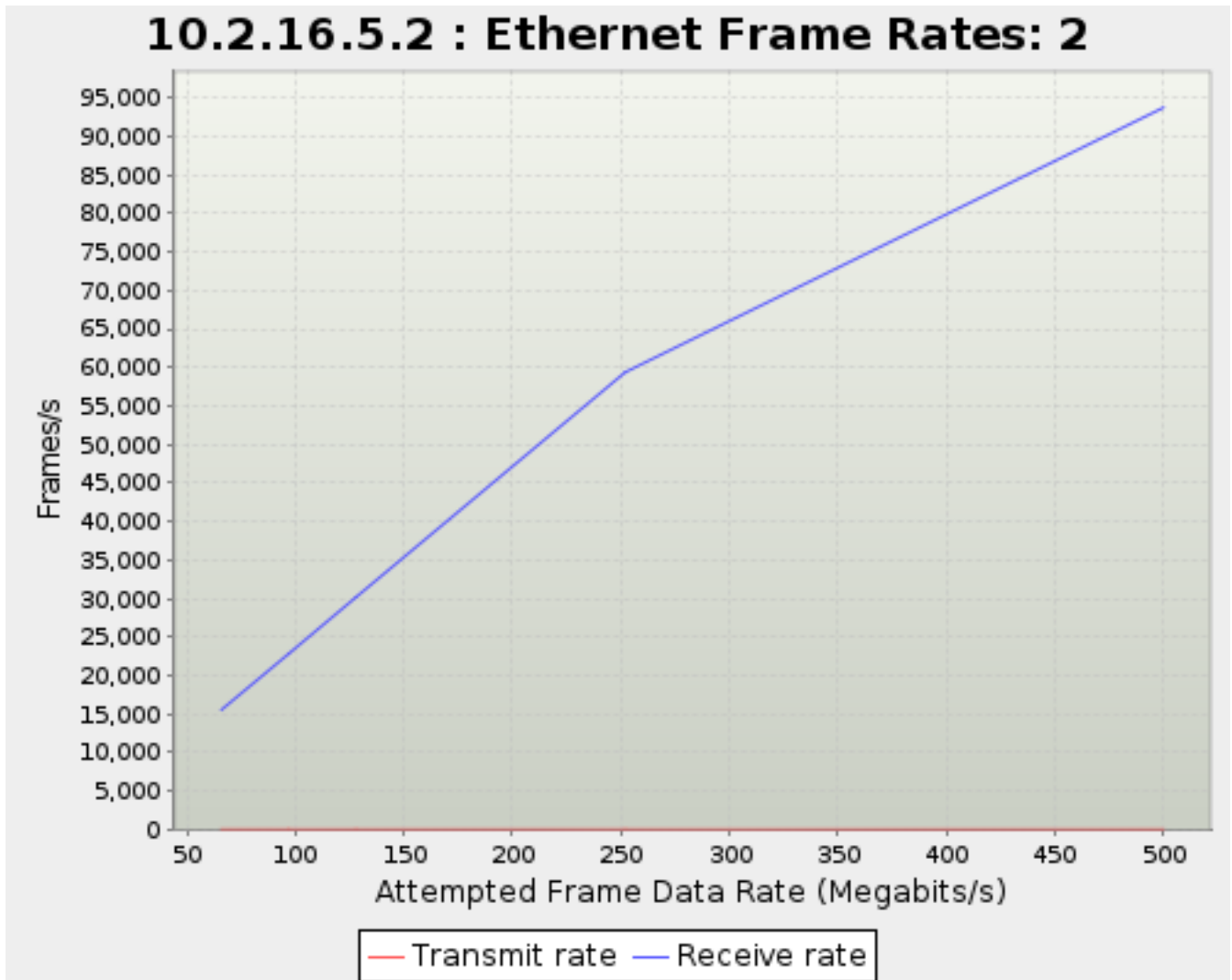
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
66	63.685	~15620	~15650
97	63.776	~22870	~22900
128	63.575	~30170	~30250
252	63.786	~59300	~59450
500	63.665	~117600	~93790

10.2.16.5.1. Ethernet Frame Rates: 1



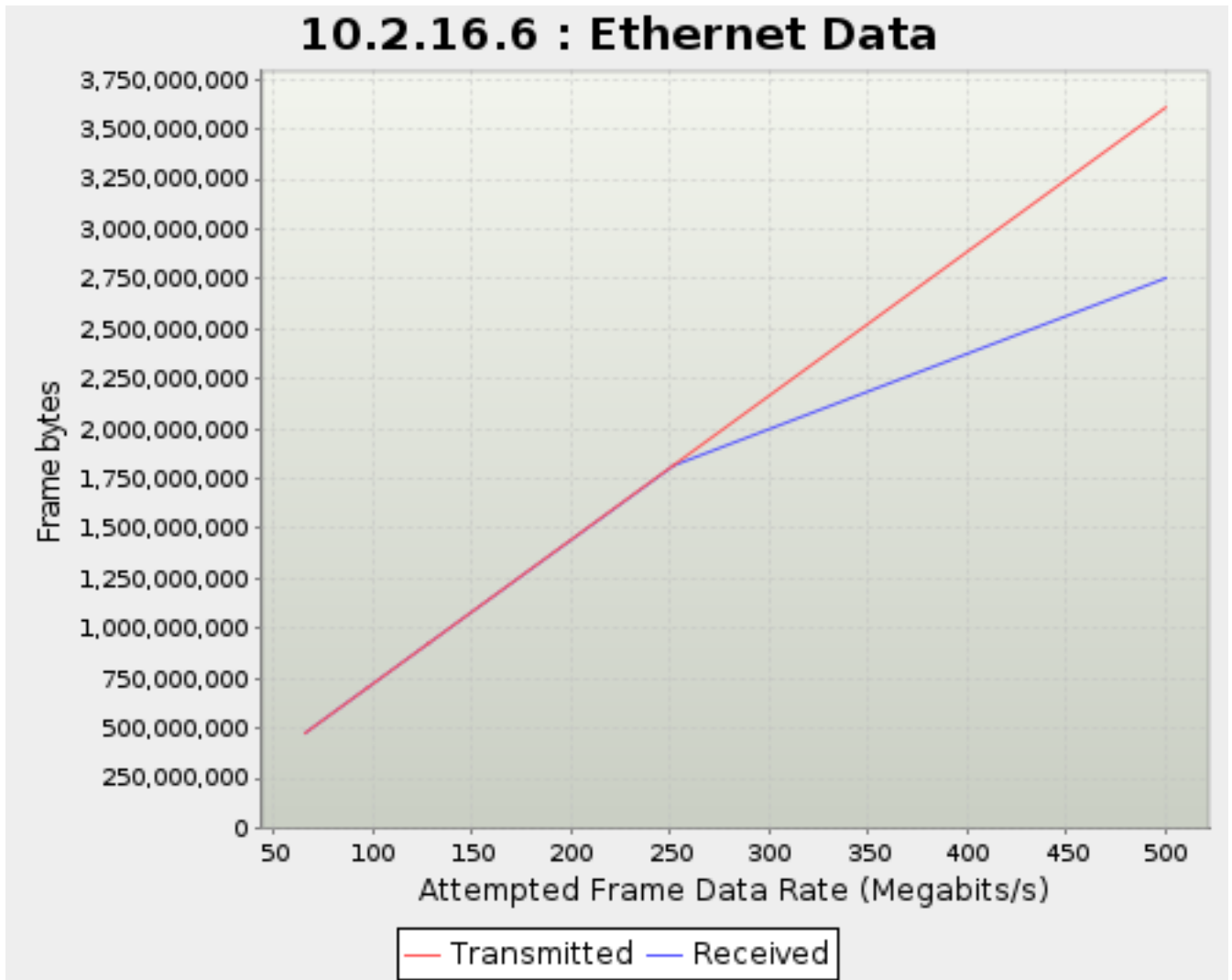
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate
66	63.685	~15580	77.19
97	63.776	~22840	49.12
128	63.575	~30140	62.15
252	63.786	~59270	62.15
500	63.665	~117500	51.60

10.2.16.5.2. Ethernet Frame Rates: 2



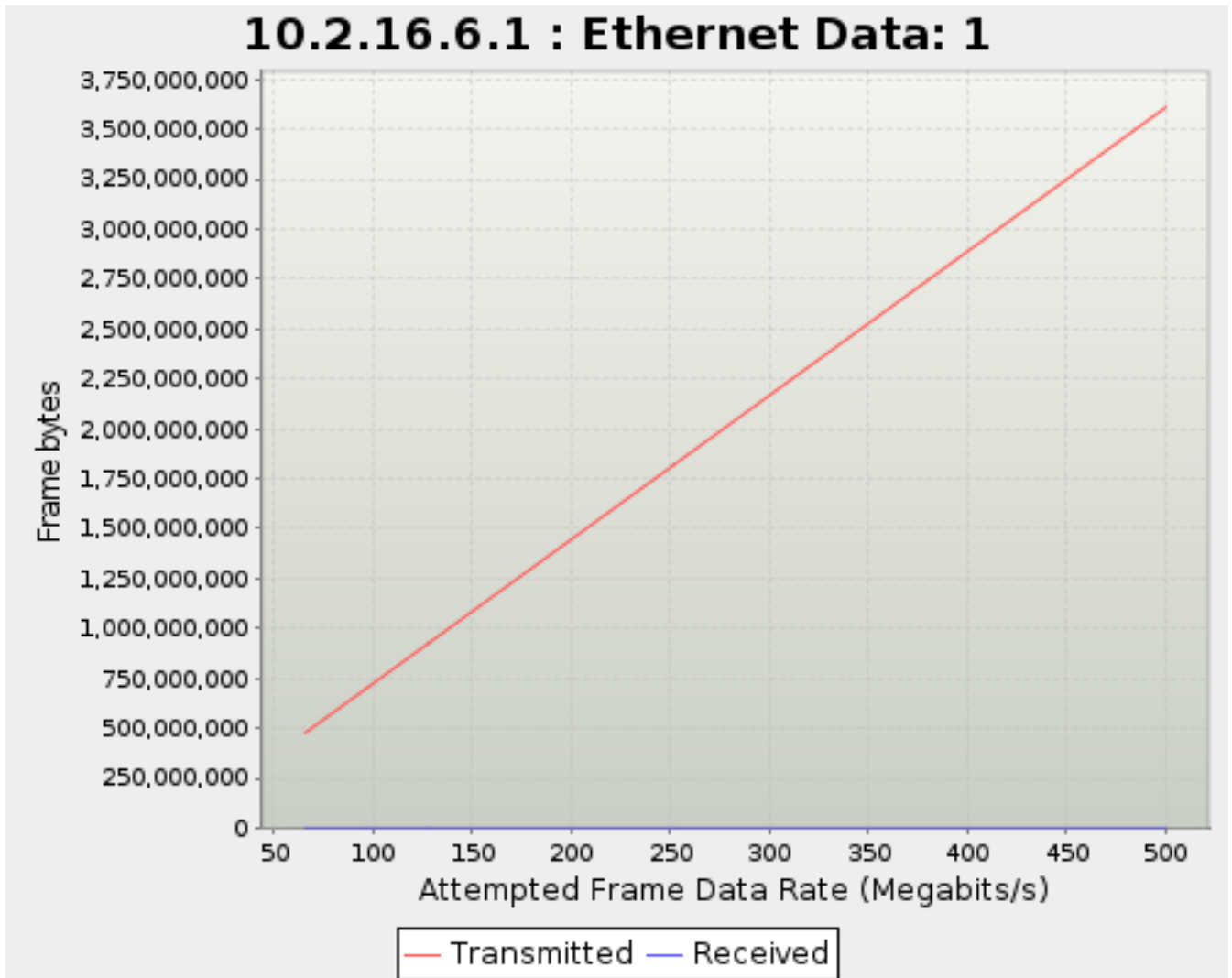
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
66	63.685	32.08	~15570
97	63.776	30.76	~22850
128	63.575	31.07	~30190
252	63.786	31.07	~59380
500	63.665	31.76	~93730

10.2.16.6. Ethernet Data



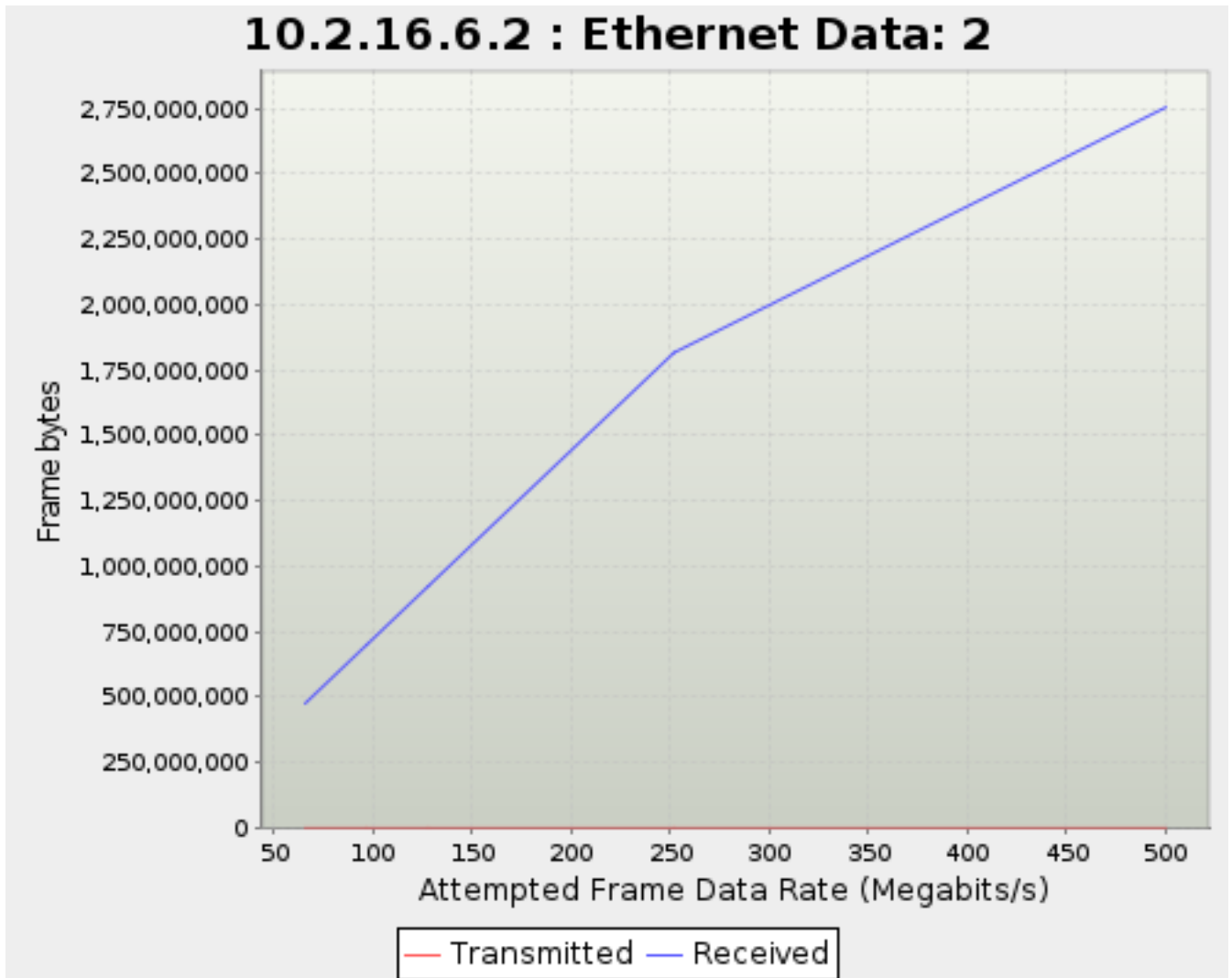
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.685	476,475,584	476,484,494 100.002%
97	63.776	700,232,256	700,243,150 100.002%
128	63.575	924,001,728	923,949,182 99.994%
252	63.786	1,819,024,000	1,816,767,017 99.876%
500	63.665	3,609,111,872	2,754,093,585 76.309%

10.2.16.6.1. Ethernet Data: 1



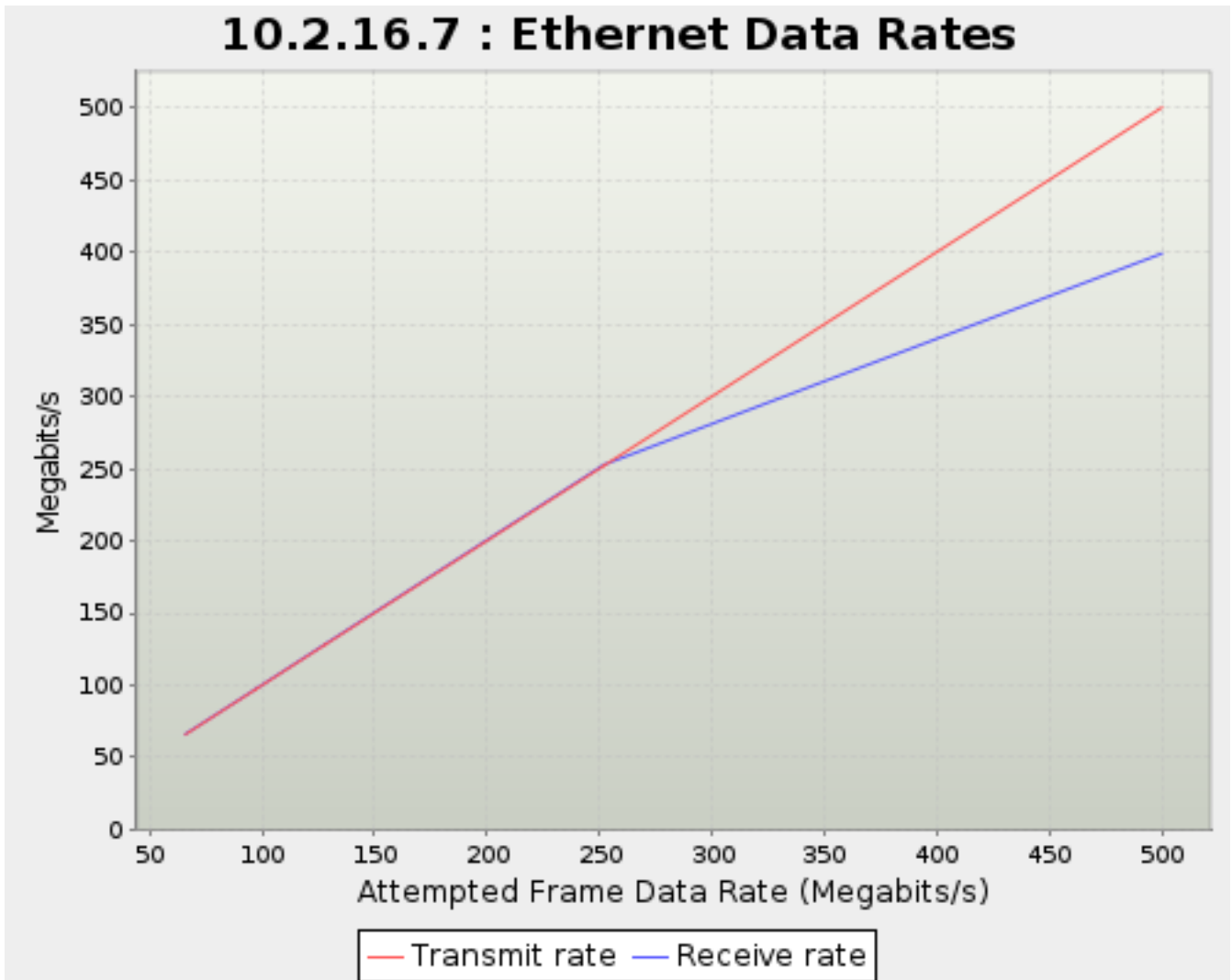
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.685	476,467,584	63,936 0.013%
97	63.776	700,228,032	61,888 0.009%
128	63.575	923,997,632	65,152 0.007%
252	63.786	1,819,019,776	58,560 0.003%
500	63.665	3,609,103,808	58,752 0.002%

10.2.16.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
66	63.685	8,000	476,420,558 5955256.975%
97	63.776	4,224	700,181,262 16576260.938%
128	63.575	4,096	923,884,030 22555762.451%
252	63.786	4,224	1,816,708,457 43009196.425%
500	63.665	8,064	2,754,034,833 34152217.671%

10.2.16.7. Ethernet Data Rates



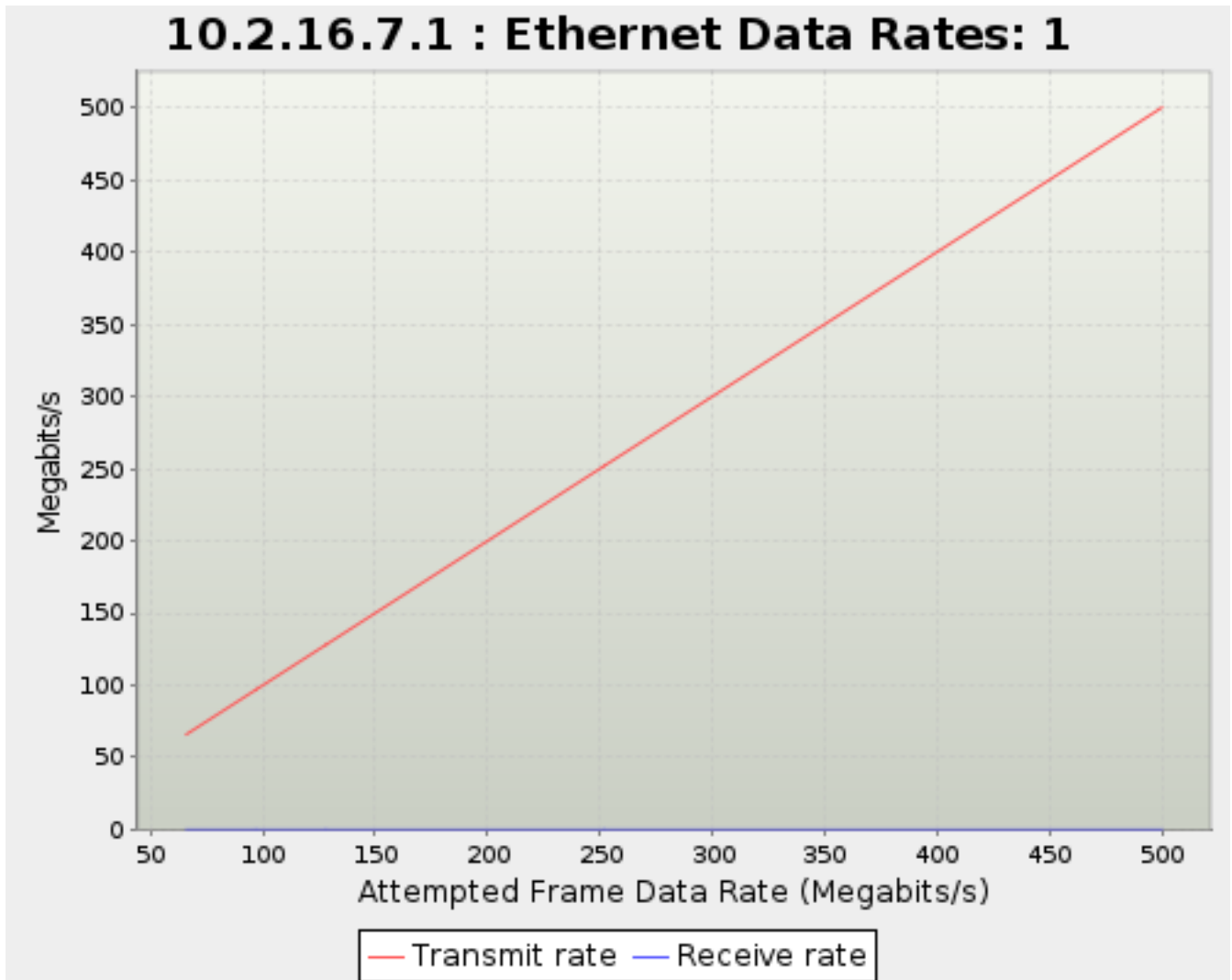
Data Rate shown includes Ethernet overhead.

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>
66	63.685	66.07	66.33
97	63.776	97.05	97.27
128	63.575	128.1	128.5
252	63.786	252.1	252.8
500	63.665	500.1	~399

10.2.16.7.1. Ethernet Data Rates: 1



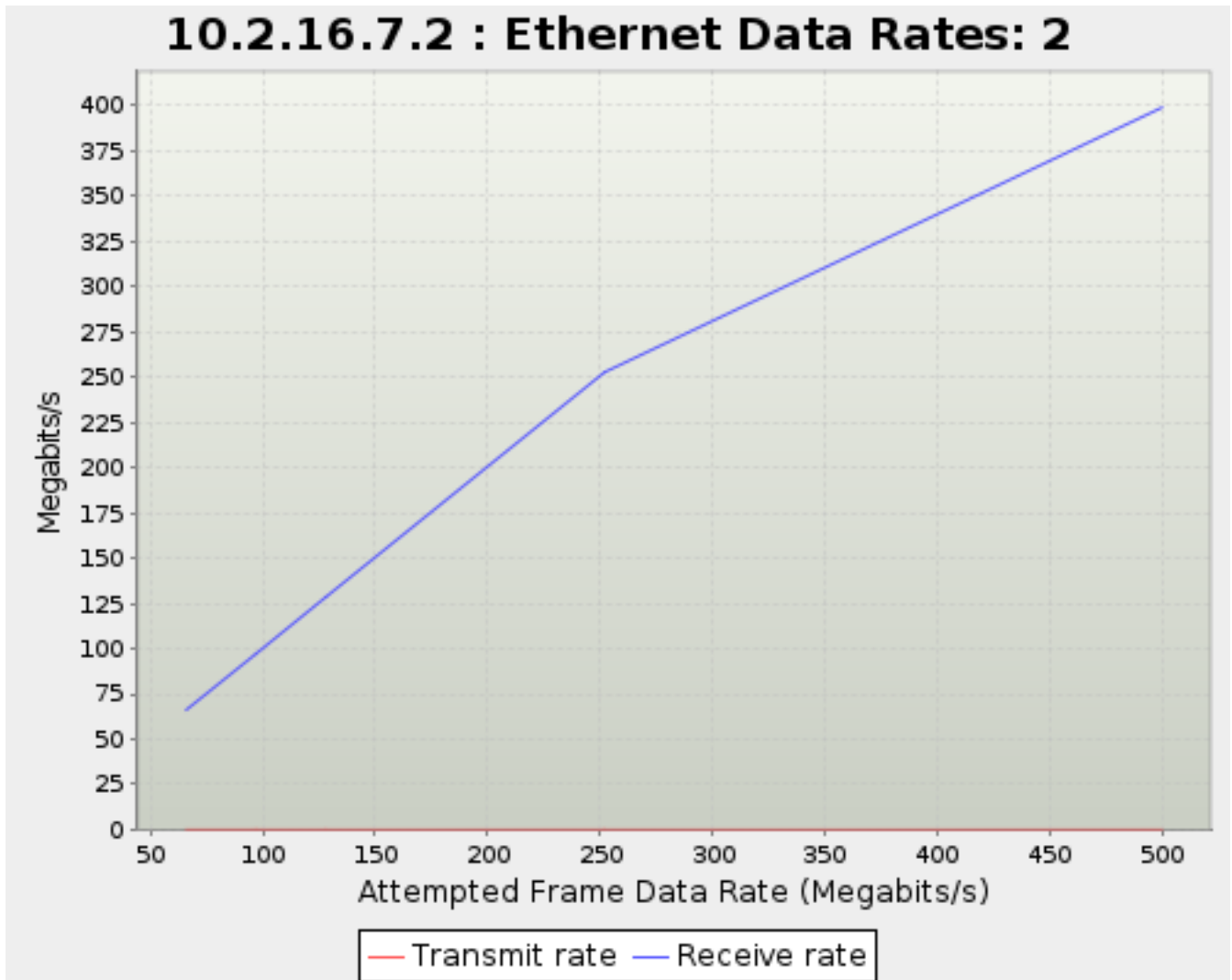
Data Rate shown includes Ethernet overhead.

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>
66	63.685	66.05	0.05187
97	63.776	97.03	0.03301
128	63.575	~128	0.04176
252	63.786	~252	0.04176
500	63.665	~500	0.03468

10.2.16.7.2. Ethernet Data Rates: 2



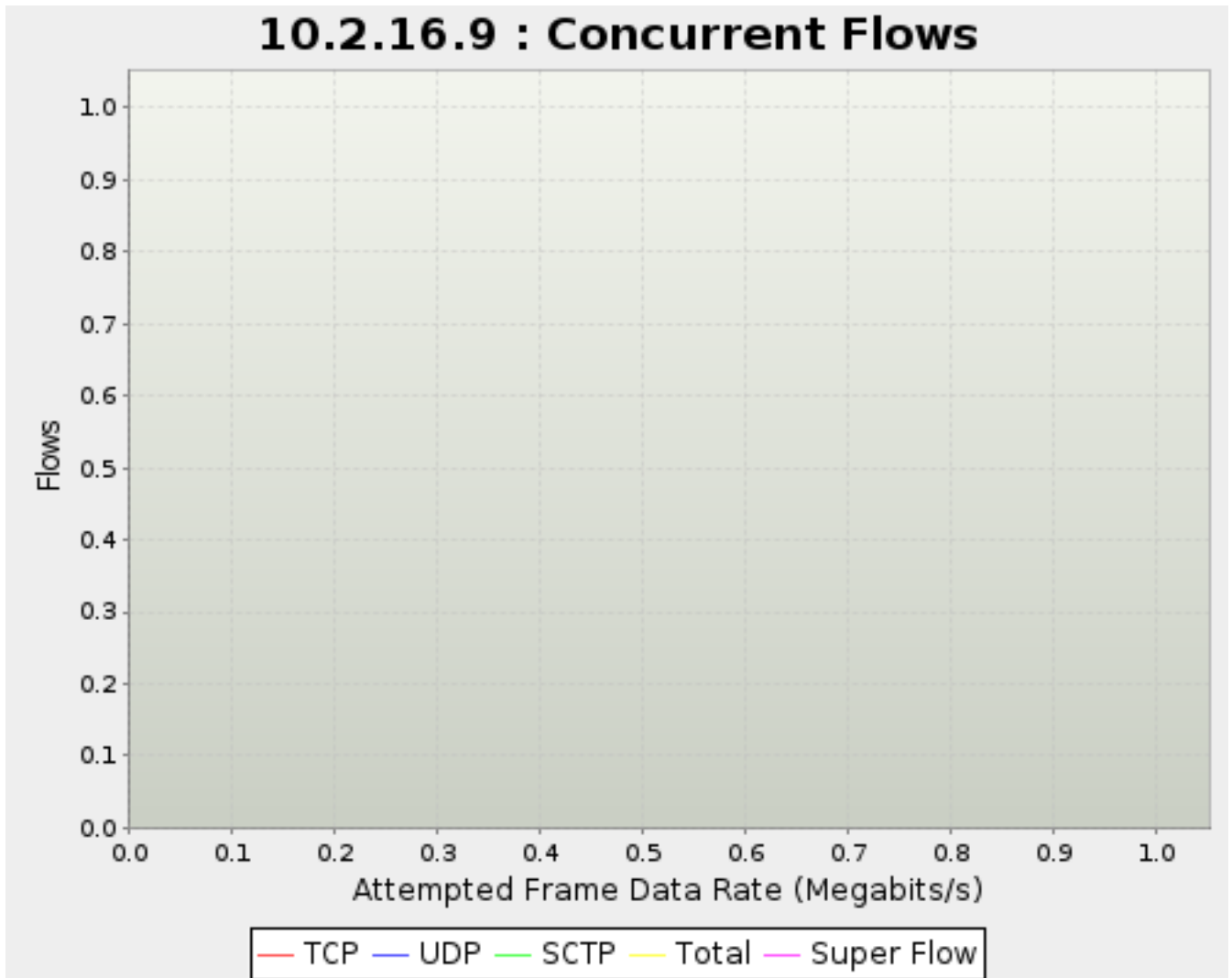
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

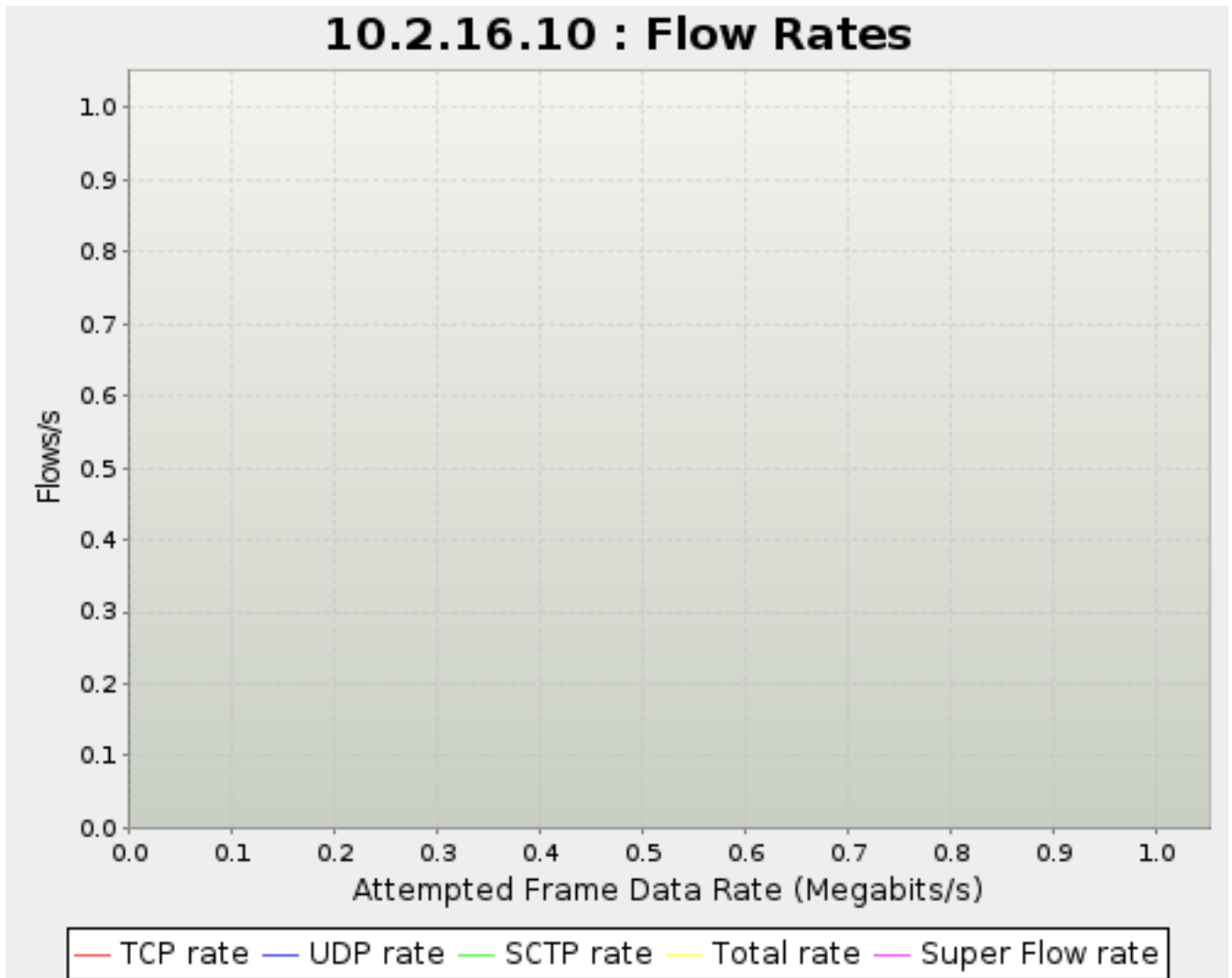
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
66	63.685	0.02156	66.27
97	63.776	0.02067	97.24
128	63.575	0.02088	128.5
252	63.786	0.02088	252.7
500	63.665	0.02134	398.9

10.2.16.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
66	63.207	0	0	0	0	0
97	63.292	0	0	0	0	0
128	63.110	0	0	0	0	0
252	63.308	0	0	0	0	0
500	63.161	0	0	0	0	0

10.2.16.10. 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>				
66	63.207	0.00	0.00	0.00	0.00	0.00
97	63.292	0.00	0.00	0.00	0.00	0.00
128	63.110	0.00	0.00	0.00	0.00	0.00
252	63.308	0.00	0.00	0.00	0.00	0.00
500	63.161	0.00	0.00	0.00	0.00	0.00

10.2.16.11. 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		10.201.0.0/16	10.201.0.254	up
128	0		192.168.0.0/16	192.168.0.1	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		192.168.0.0/16	192.168.0.1	up
500	0		10.201.0.0/16	10.201.0.254	up

10.2.16.11.1. Gateway Status: 1

Attempted Frame Data Rate	Timestamp	VLAN	Subnet Address	Gateway Address	Gateway Status
			<i>Seconds</i>	<i>vlan</i>	
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

10.2.16.11.2. 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	0		10.201.0.0/16	10.201.0.254	up

10.2.16.12. 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>							
66	63.685	6	6	1,133	1,053	0	80	0	0
97	63.777	6	6	985	931	0	54	0	0
128	63.581	6	6	1,091	1,009	0	82	0	0
252	63.789	6	6	991	932	0	59	0	0
500	63.663	6	6	992	975	0	17	0	0

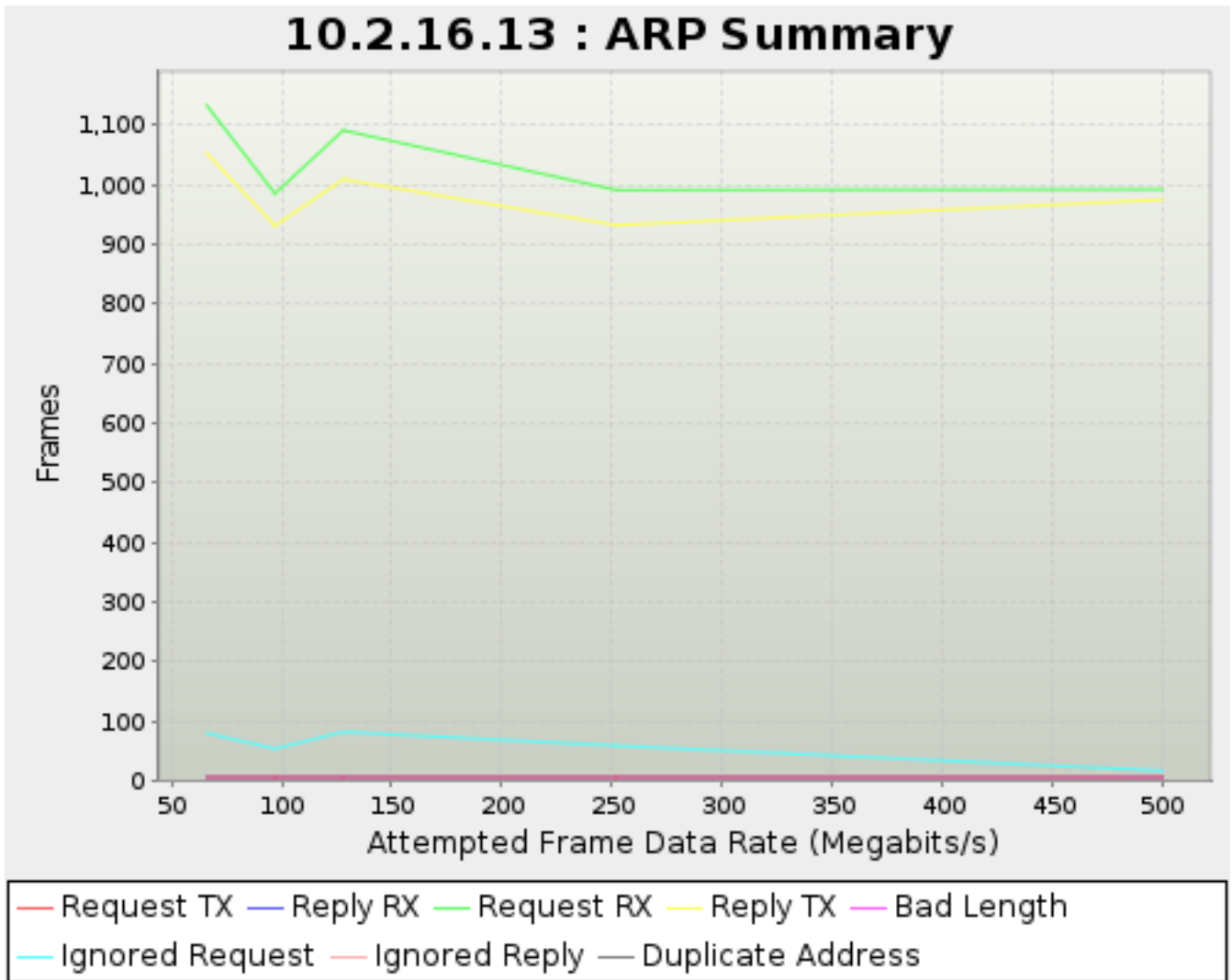
10.2.16.12.1. ARP: 1

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>							
66	63.685	3	3	996	931	0	65	0	0
97	63.777	3	3	907	868	0	39	0	0
128	63.581	3	3	1,015	948	0	67	0	0
252	63.789	3	3	912	869	0	43	0	0
500	63.663	3	3	854	852	0	2	0	0

10.2.16.12.2. ARP: 2

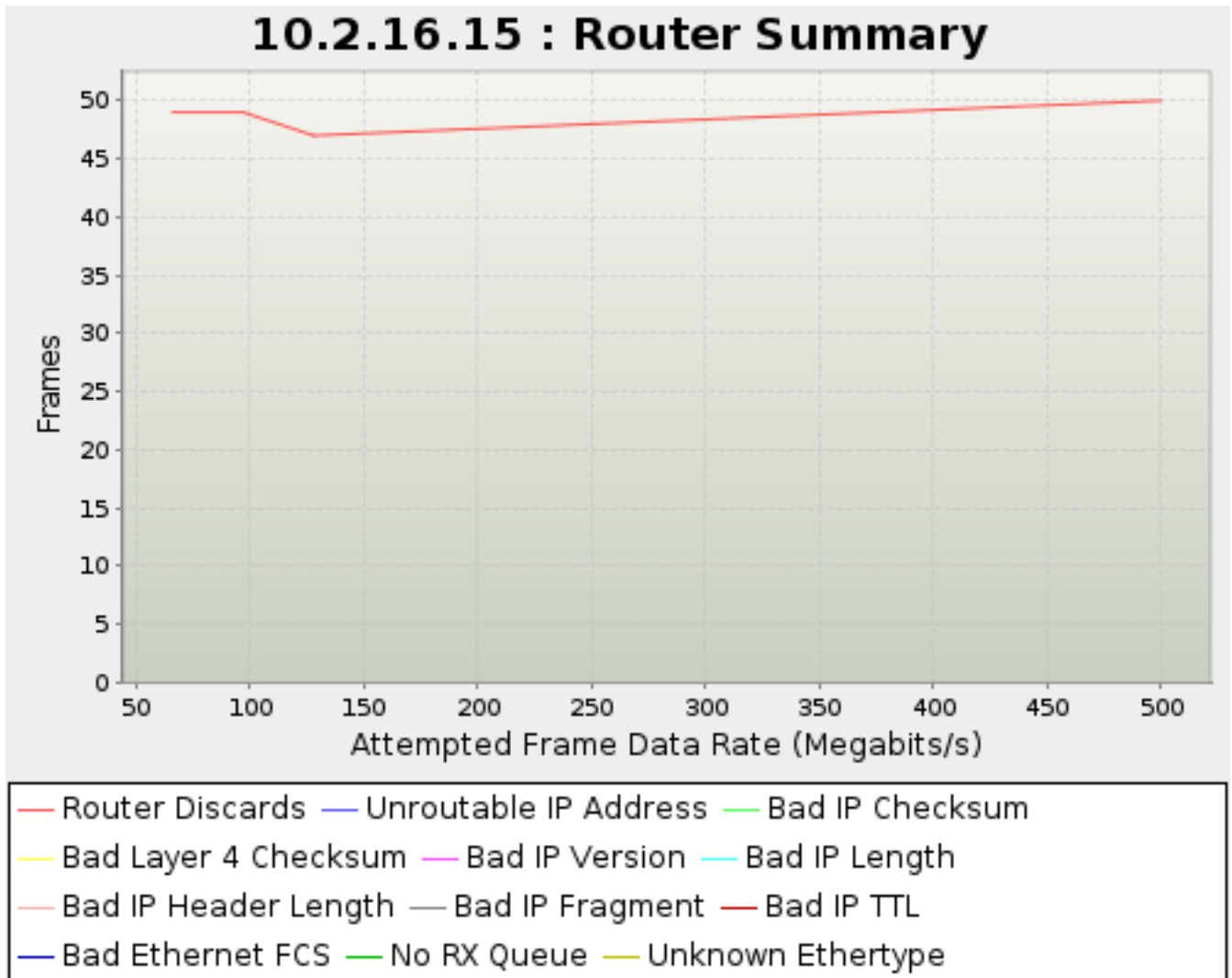
Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
66	63.685	3	3	137	122	0	15	0	0
97	63.777	3	3	78	63	0	15	0	0
128	63.581	3	3	76	61	0	15	0	0
252	63.789	3	3	79	63	0	16	0	0
500	63.663	3	3	138	123	0	15	0	0

10.2.16.13. 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>								
66	6	6	1,133	1,053	0	80	0	0
97	6	6	985	931	0	54	0	0
128	6	6	1,091	1,009	0	82	0	0
252	6	6	991	932	0	59	0	0
500	6	6	992	975	0	17	0	0

10.2.16.15. 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>											
66	49	0	0	0	0	0	0	0	0	0	0	0
97	49	0	0	0	0	0	0	0	0	0	0	0
128	47	0	0	0	0	0	0	0	0	0	0	0
252	48	0	0	0	0	0	0	0	0	0	0	0
500	50	0	0	0	0	0	0	0	0	0	0	0

10.2.17. System Controller 0 statistics

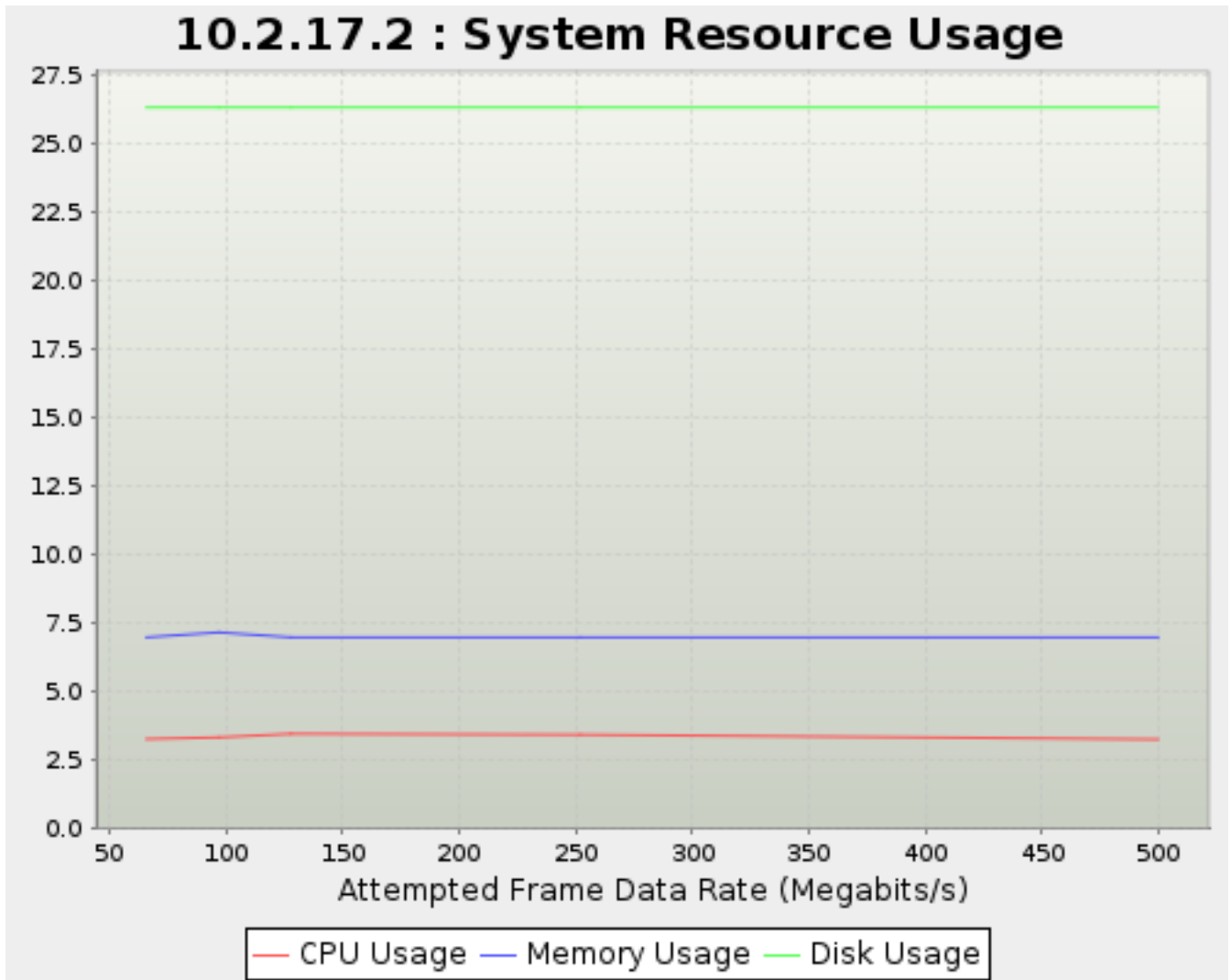
10.2.17.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

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

10.2.17.2. System Resource Usage



Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
66	63.699	3.26	6.98	26.36
97	63.779	3.32	7.16	26.36
128	63.589	3.45	6.98	26.36
252	63.802	3.42	6.98	26.36
500	63.671	3.25	6.98	26.36

11. Frame Rate: 256

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	232 Mbps	failed
252 Mbps	182 Mbps	failed
128 Mbps	128 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

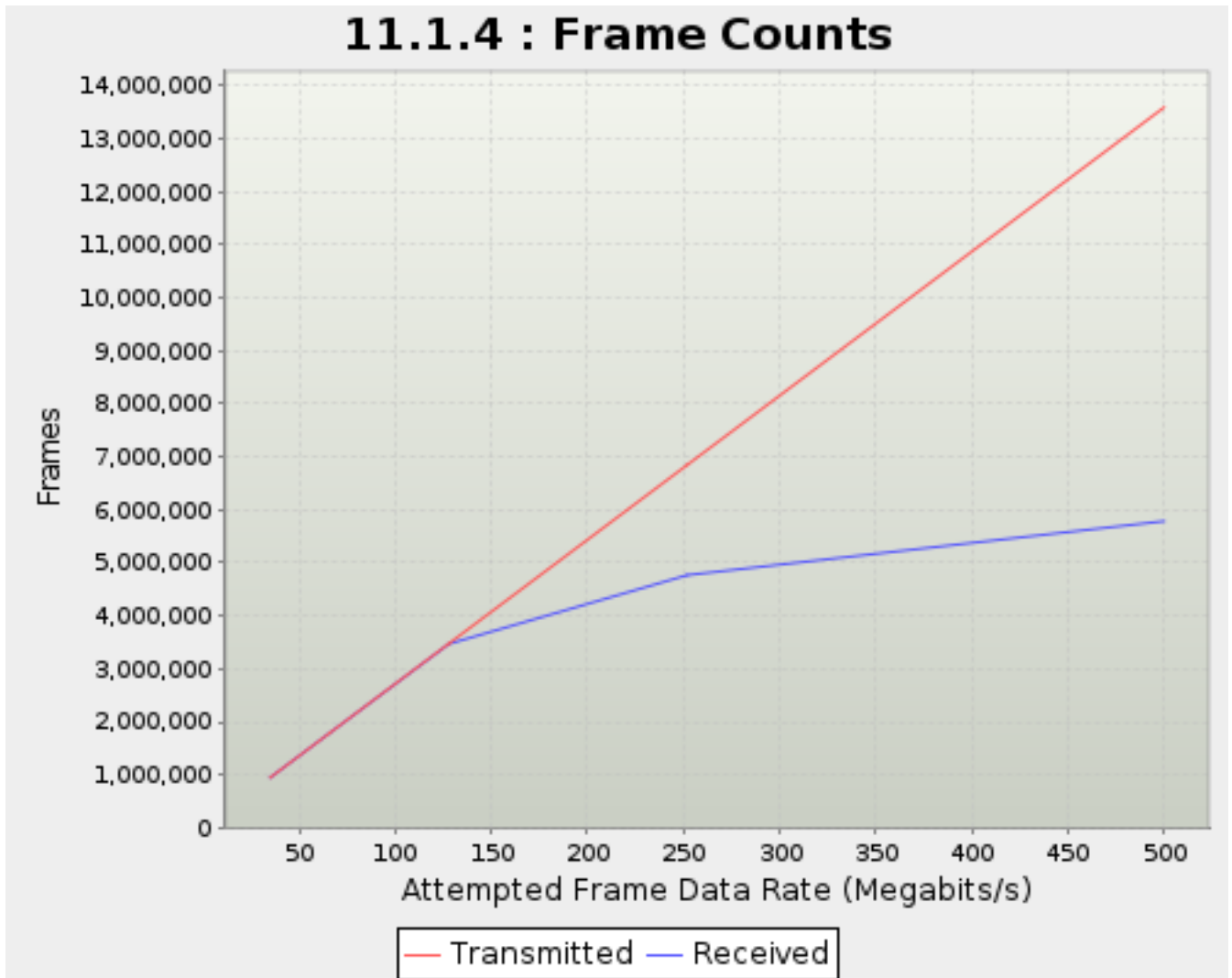
Number	Description
1	No predefined test criteria.

11.1.3. Traffic Appearance

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

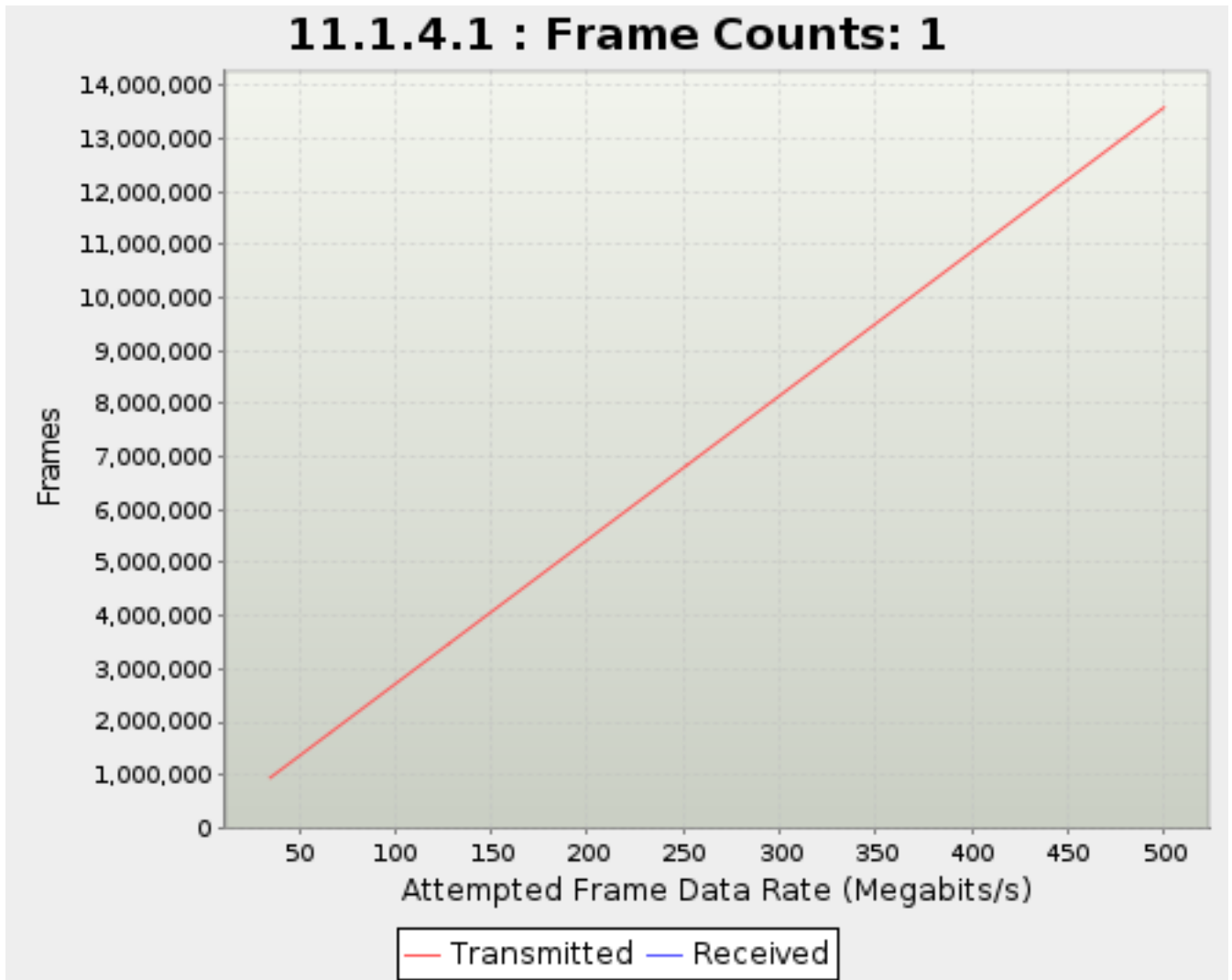
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

11.1.4. Frame Counts



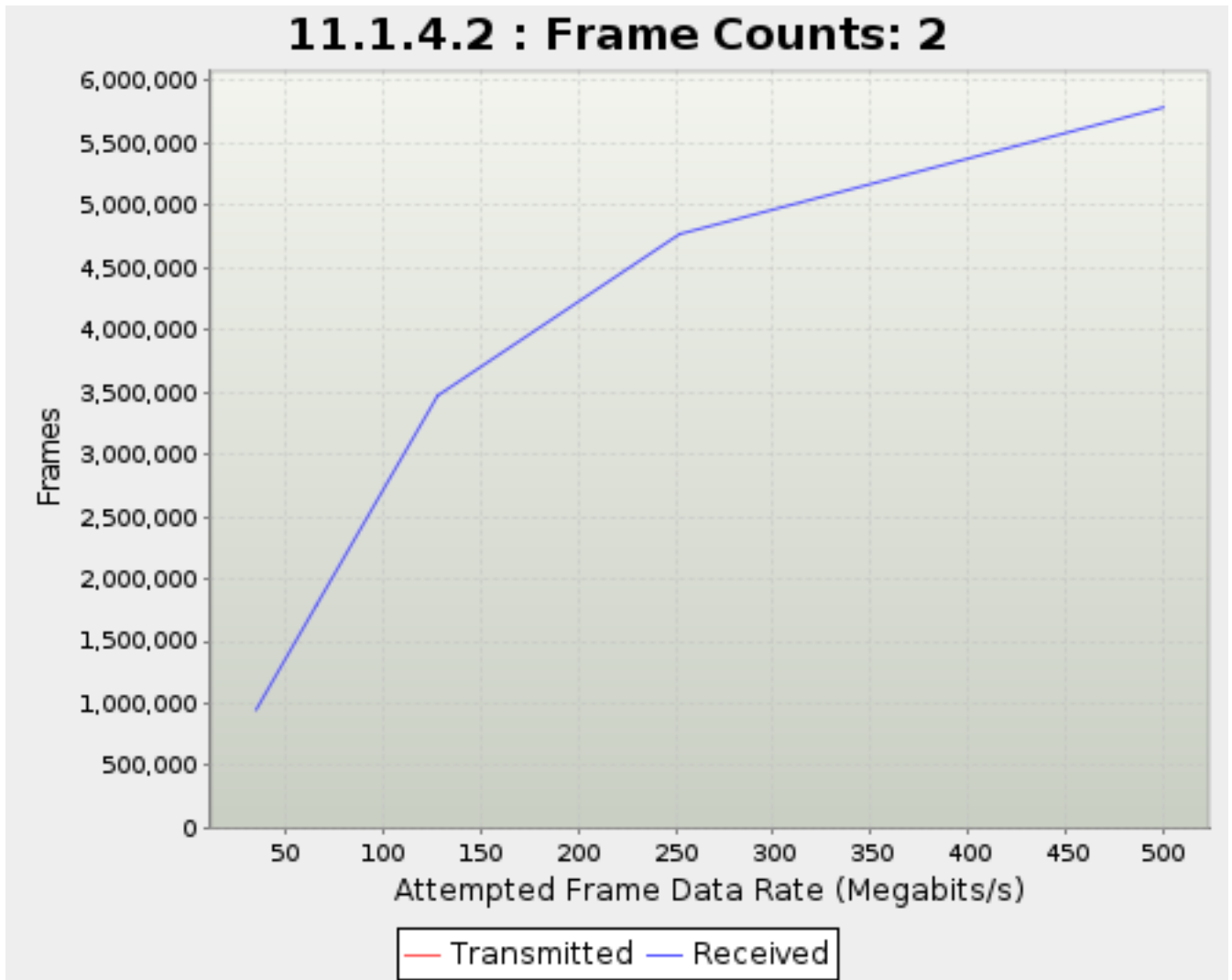
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	62.234	951,060	951,060
66	62.254	1,793,460	1,793,458
128	62.224	3,478,260	3,471,777
252	62.476	6,847,800	4,768,687
500	62.265	13,586,940	5,785,466

11.1.4.1. Frame Counts: 1



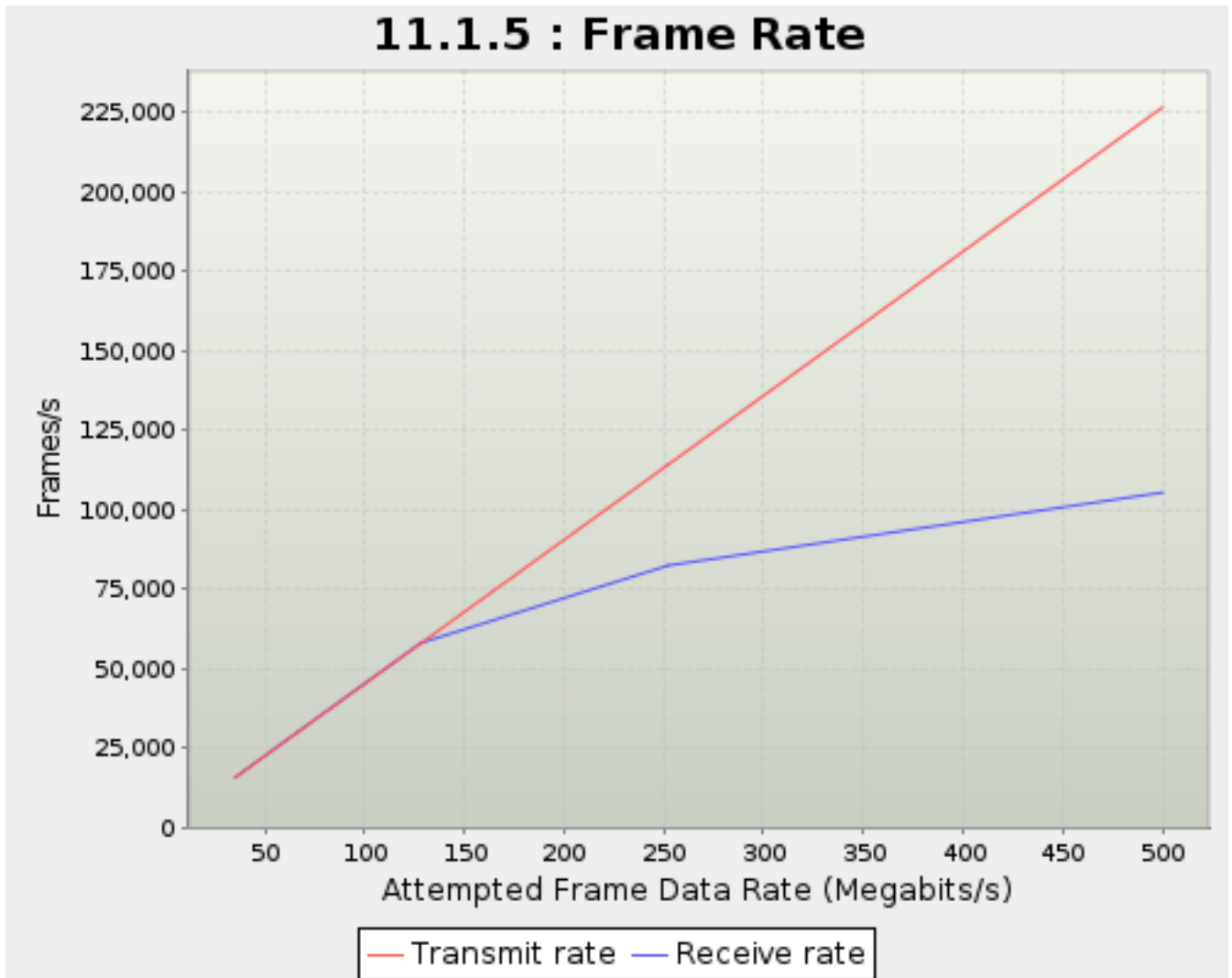
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received
35	62.234	951,060	0
66	62.254	1,793,460	0
128	62.224	3,478,260	0
252	62.476	6,847,800	0
500	62.265	13,586,940	0

11.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	62.234	0	951,060
66	62.254	0	1,793,458
128	62.224	0	3,471,777
252	62.476	0	4,768,687
500	62.265	0	5,785,466

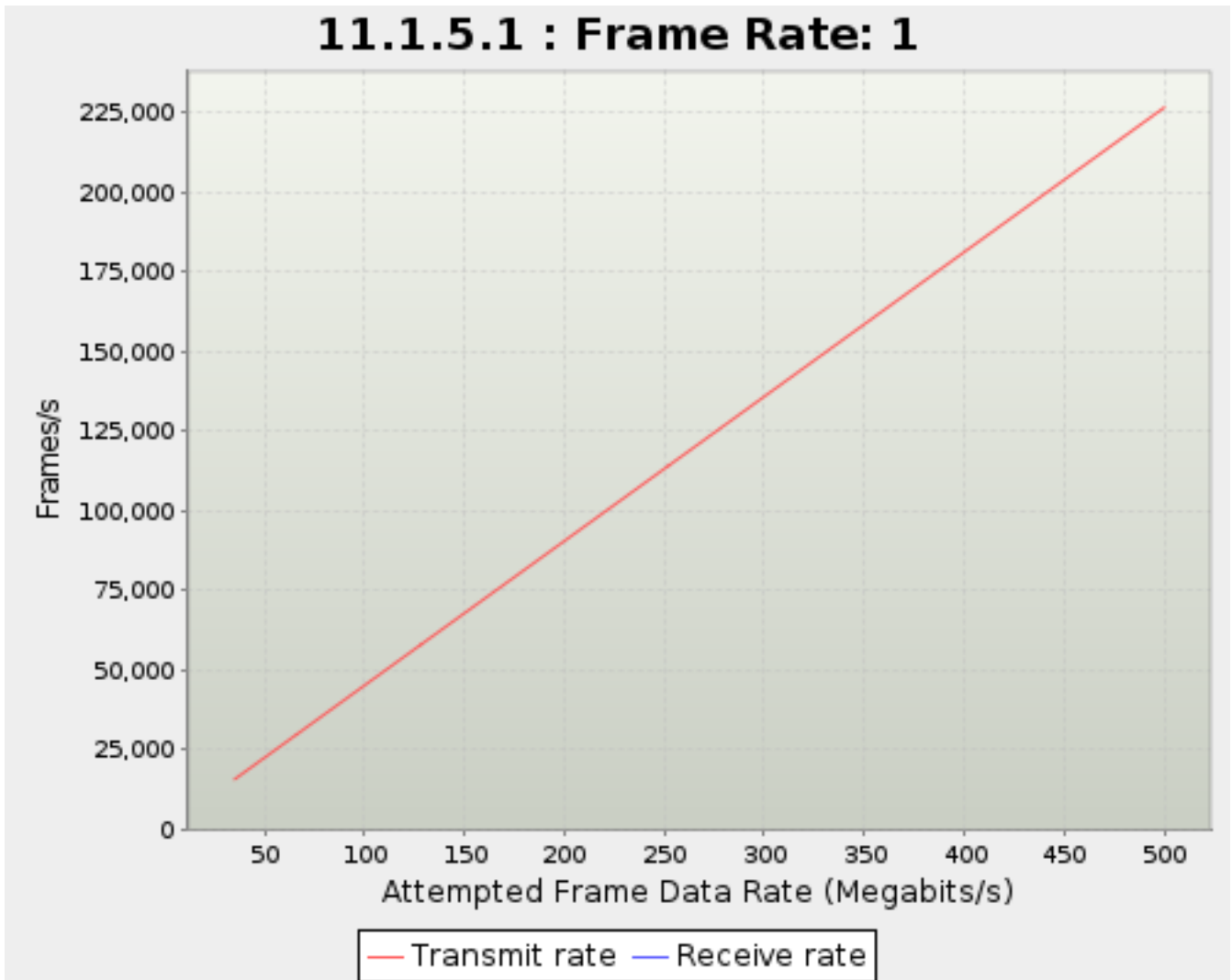
11.1.5. Frame Rate



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	62.234	~15850	~15910
66	62.254	~29890	~30050
128	62.224	~57970	~58120
252	62.476	~114100	~82460
500	62.265	~226400	~105400

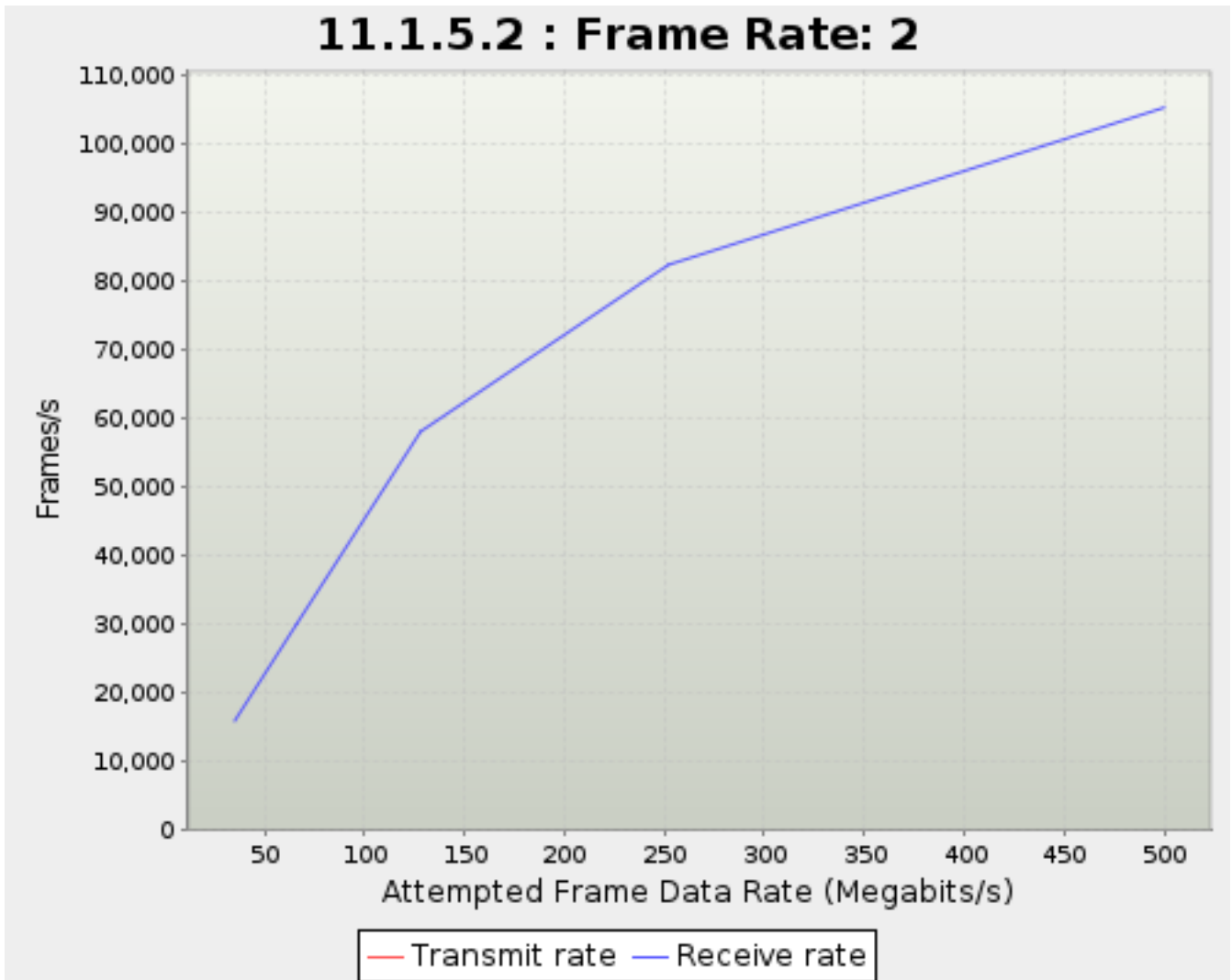
11.1.5.1. Frame Rate: 1



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	62.234	~15850	0.00
66	62.254	~29890	0.00
128	62.224	~57970	0.00
252	62.476	~114100	0.00
500	62.265	~226400	0.00

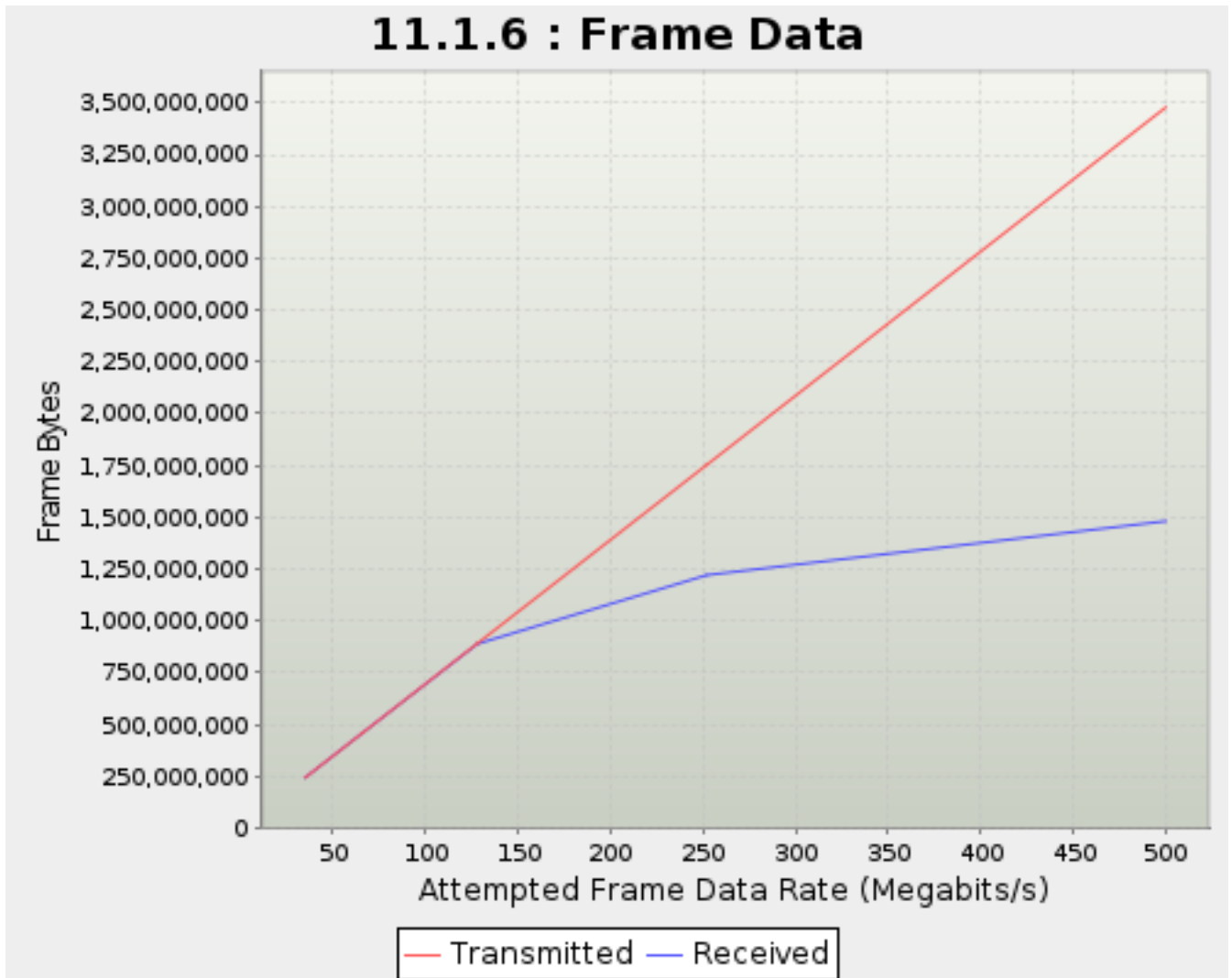
11.1.5.2. Frame Rate: 2



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

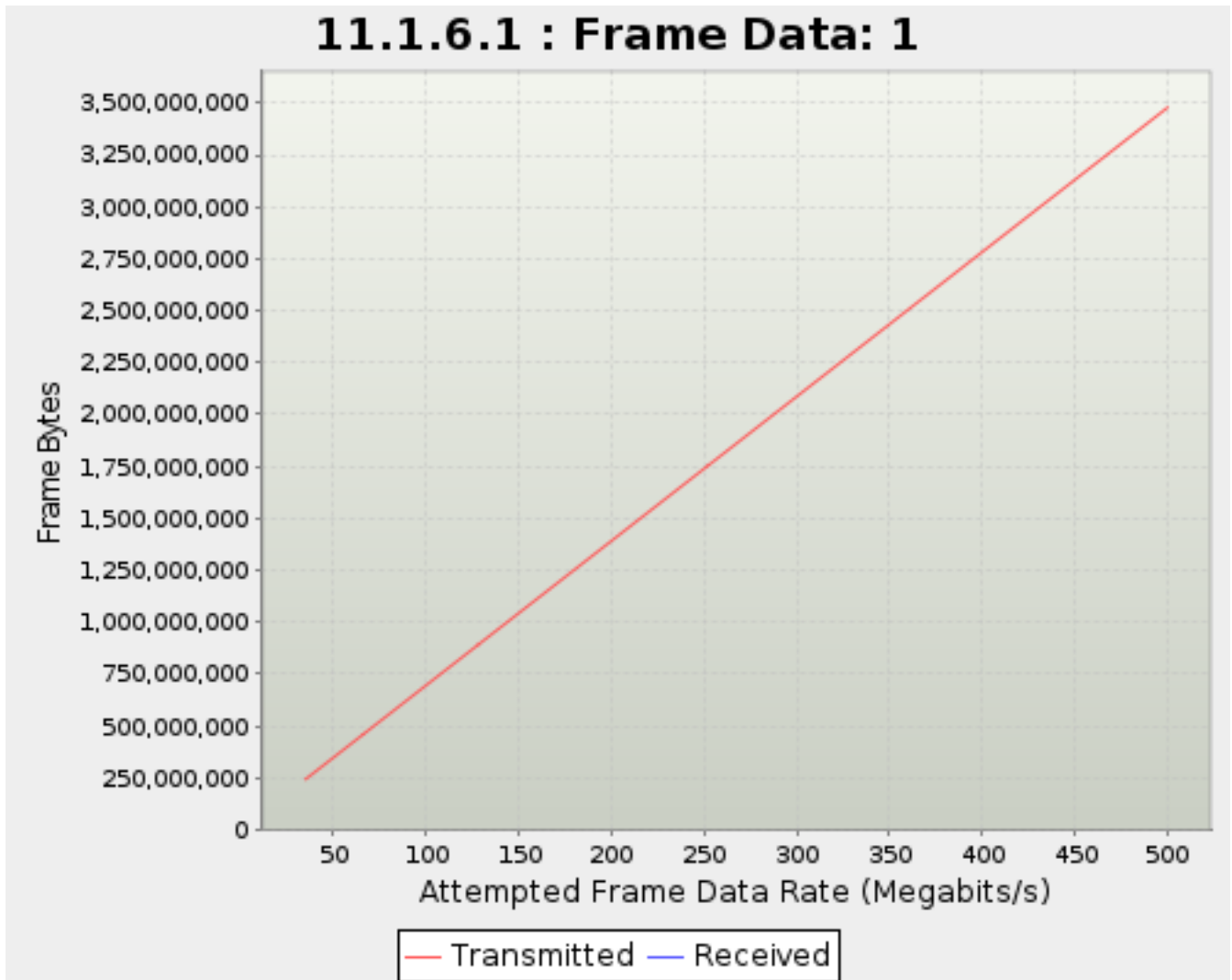
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	62.234	0.00	~15910
66	62.254	0.00	~30050
128	62.224	0.00	~58120
252	62.476	0.00	~82460
500	62.265	0.00	~105400

11.1.6. Frame Data



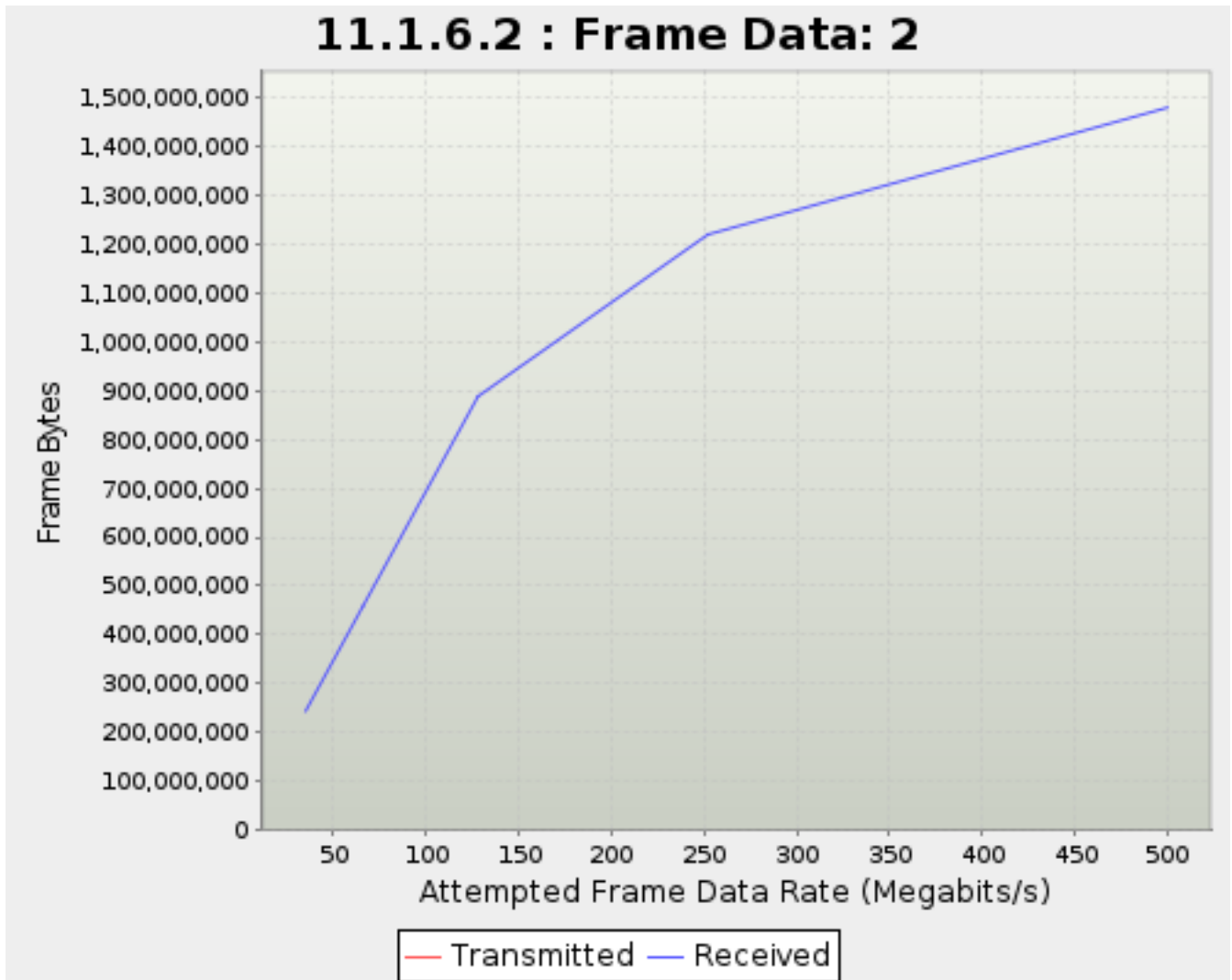
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	62.234	243,471,360	243,471,360
66	62.254	459,125,760	459,125,248
128	62.224	890,434,560	888,774,912
252	62.476	1,753,036,800	1,220,783,872
500	62.265	3,478,256,640	1,481,079,296

11.1.6.1. Frame Data: 1



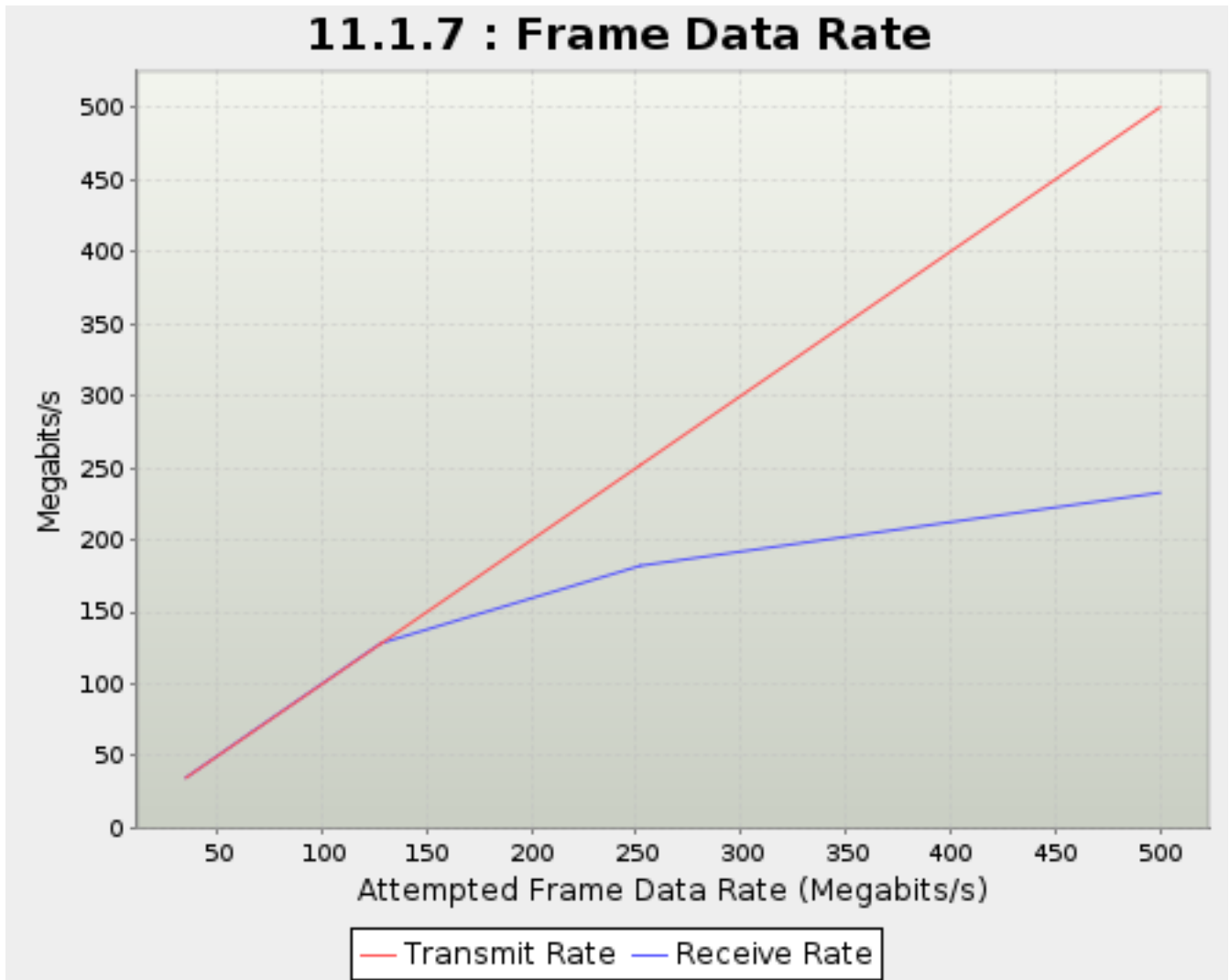
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted <i>Frame bytes</i>	Received <i>Frame bytes</i>
35	62.234	243,471,360	0
66	62.254	459,125,760	0
128	62.224	890,434,560	0
252	62.476	1,753,036,800	0
500	62.265	3,478,256,640	0

11.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	62.234	0	243,471,360
66	62.254	0	459,125,248
128	62.224	0	888,774,912
252	62.476	0	1,220,783,872
500	62.265	0	1,481,079,296

11.1.7. Frame Data Rate



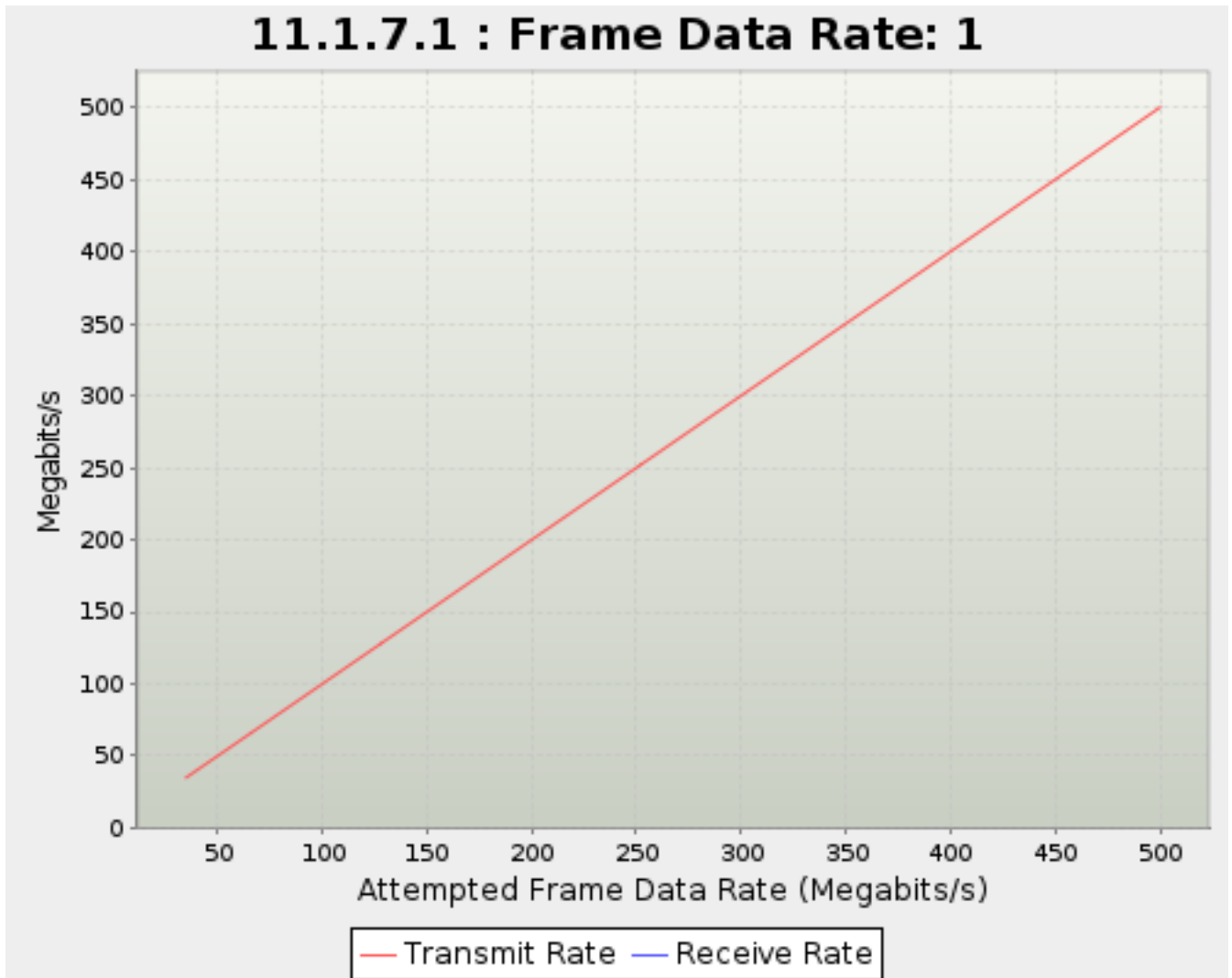
Data Rate shown includes Ethernet overhead.

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	62.234	~35	35.14
66	62.254	~66	66.34
128	62.224	~128	128.3
252	62.476	~252	182.1
500	62.265	~500	232.7

11.1.7.1. Frame Data Rate: 1



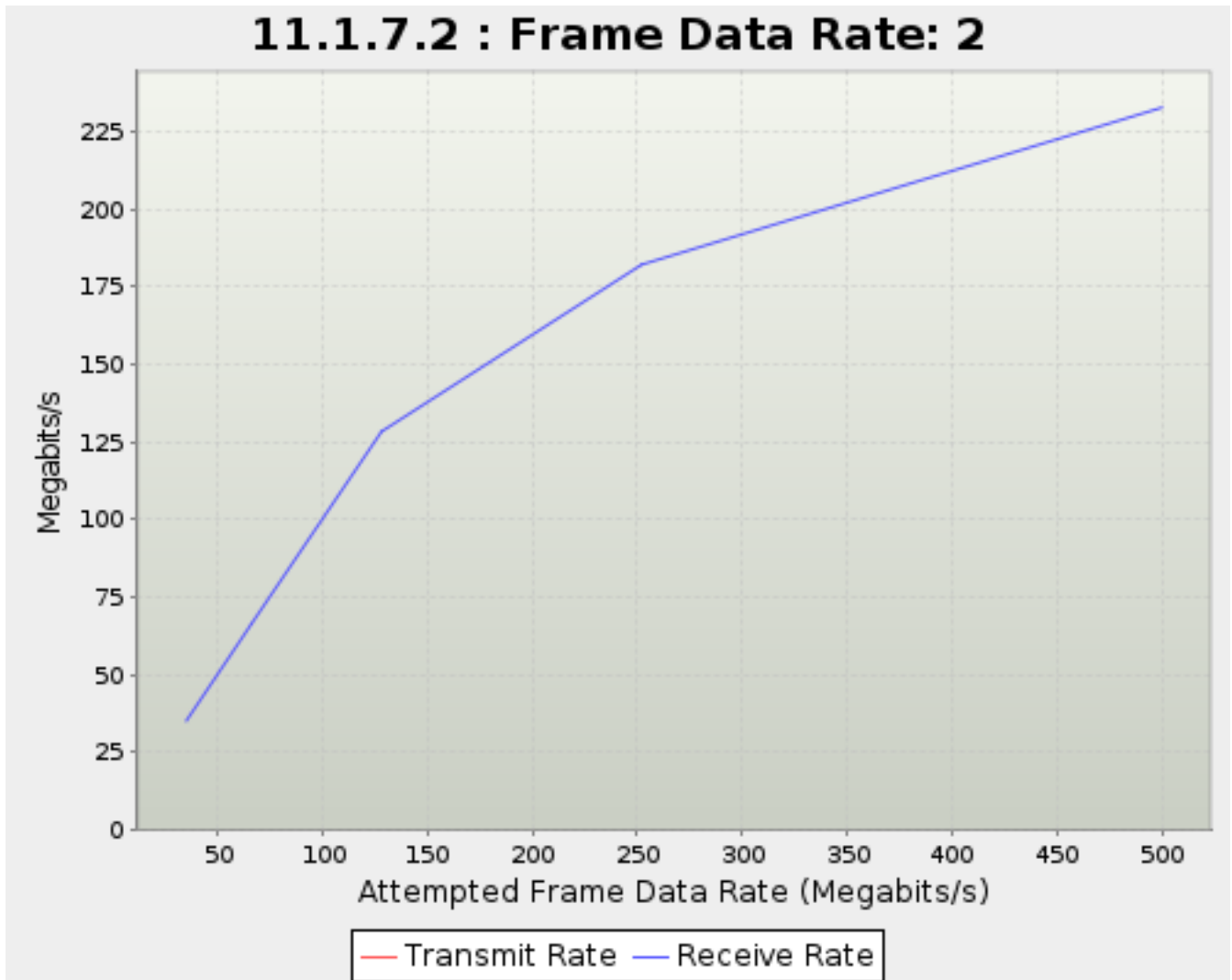
Data Rate shown includes Ethernet overhead.

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	62.234	~35	0
66	62.254	~66	0
128	62.224	~128	0
252	62.476	~252	0
500	62.265	~500	0

11.1.7.2. Frame Data Rate: 2



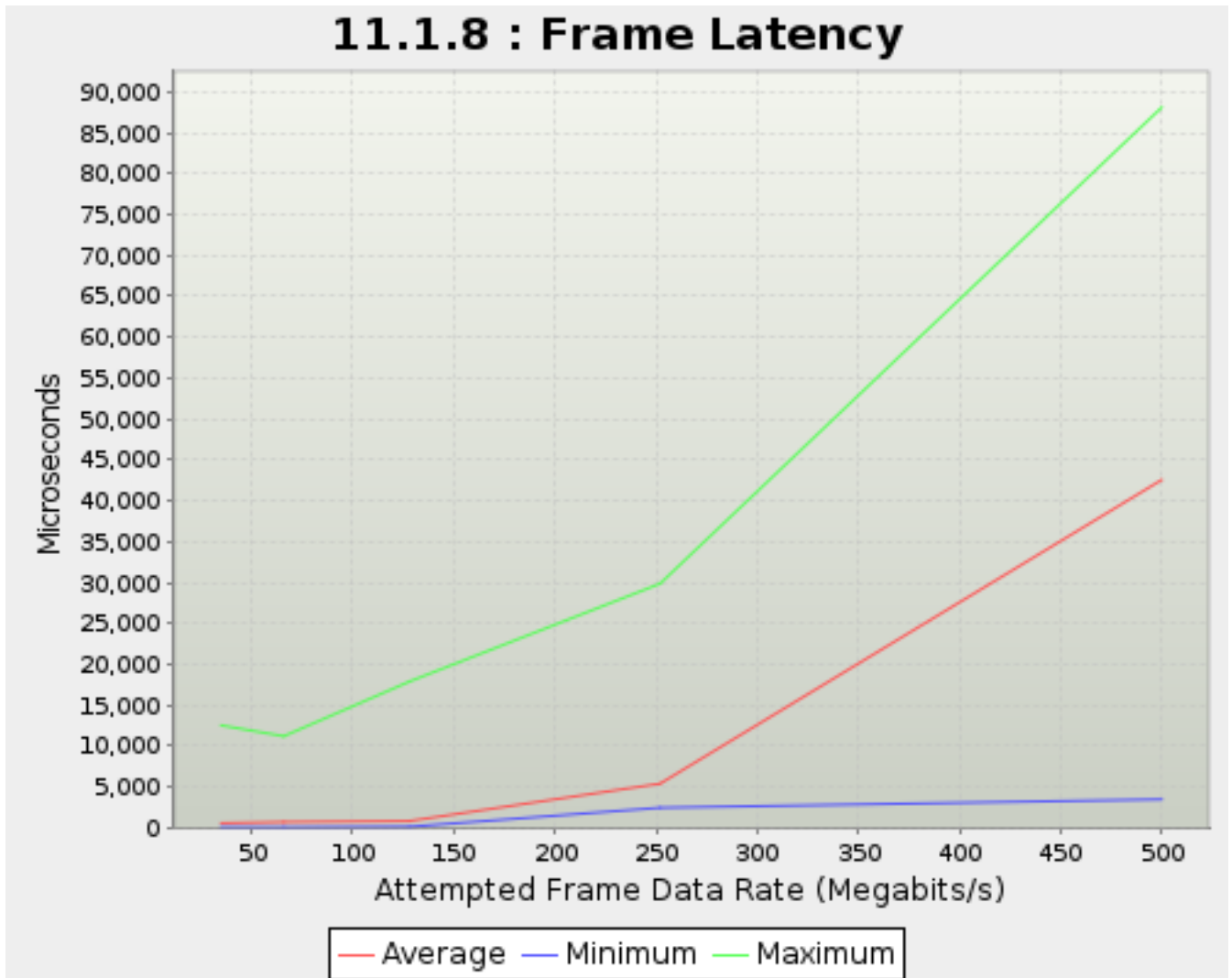
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

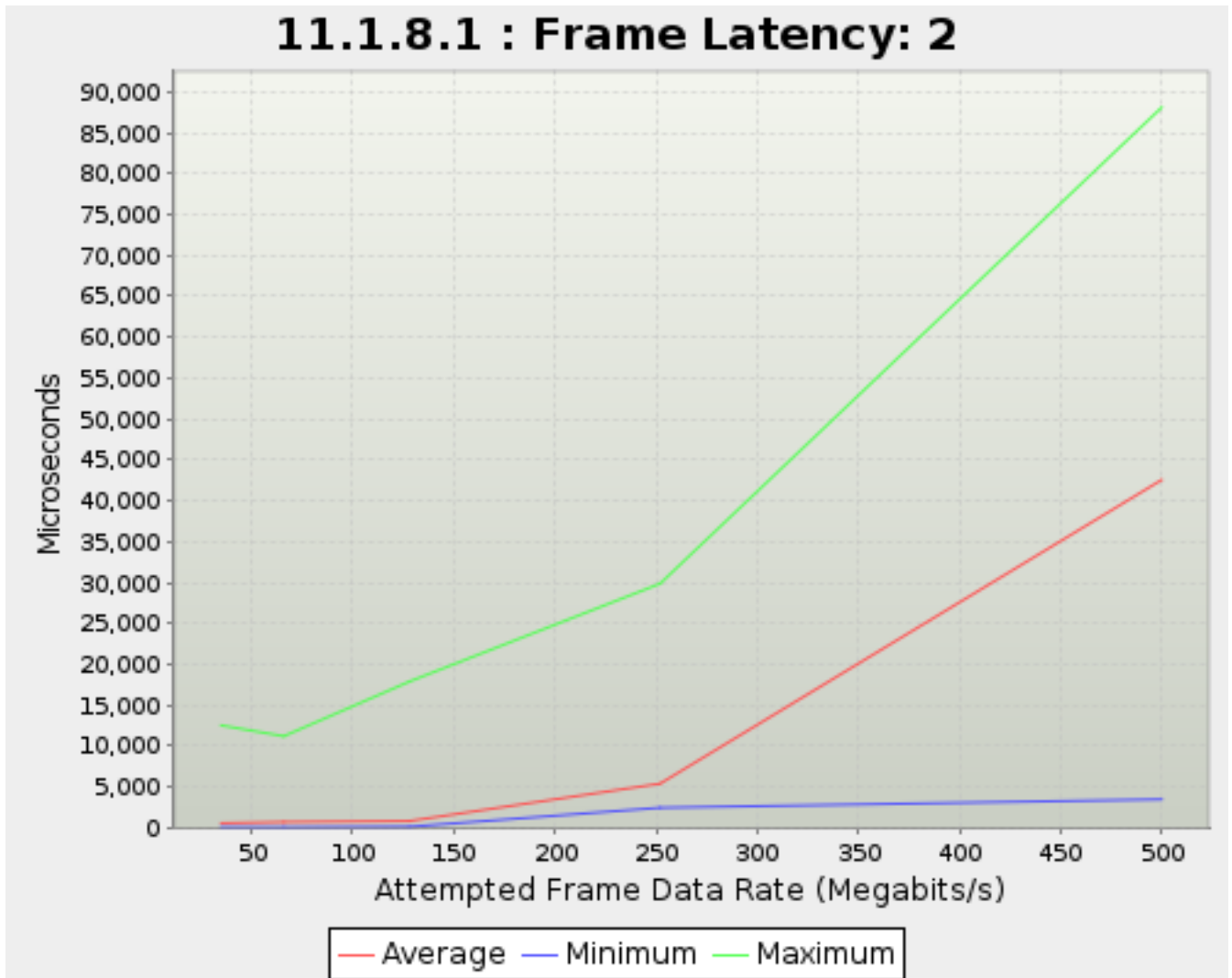
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	62.234	0	35.14
66	62.254	0	66.34
128	62.224	0	128.3
252	62.476	0	182.1
500	62.265	0	232.7

11.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
35	62.234	594.579	96.880	12,550.110
66	62.254	734.609	82.190	11,228.040
128	62.224	854.853	155.600	17,899.980
252	62.476	5,424.994	2,480.470	29,876.600
500	62.265	42,567.568	3,499.090	88,095.672

11.1.8.1. Frame Latency: 2

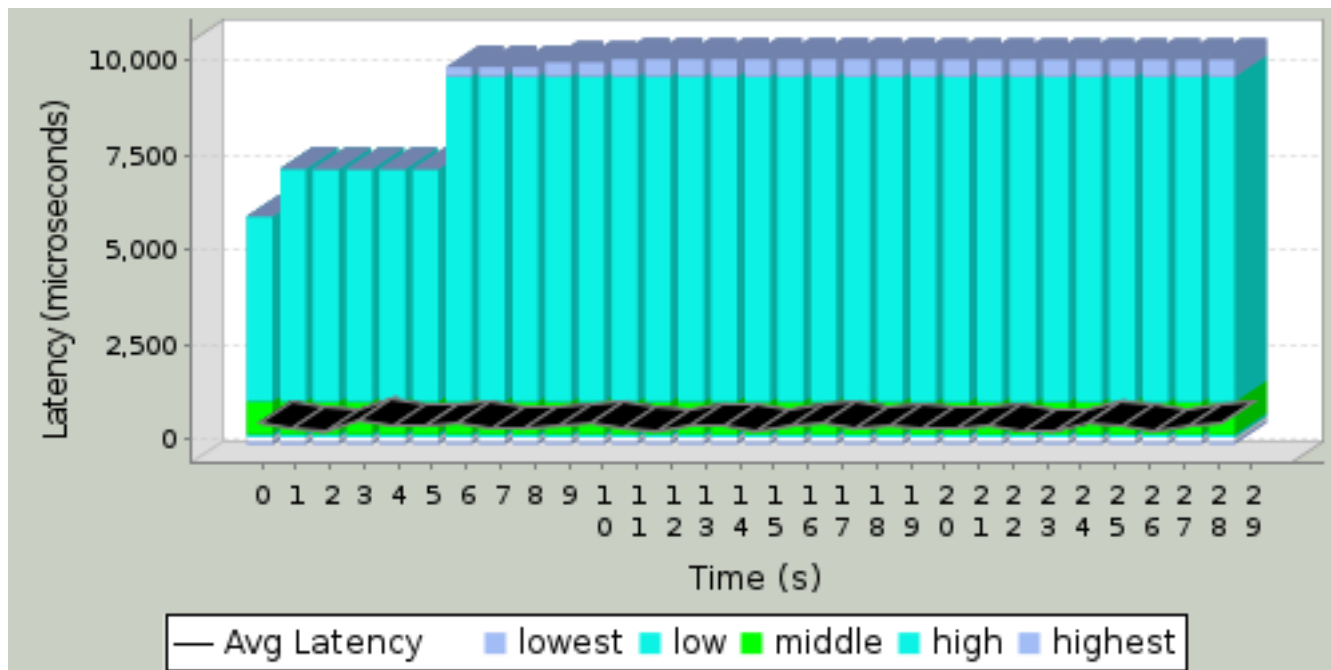


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
35	62.234	594.579	96.880	12,550.110
66	62.254	734.609	82.190	11,228.040
128	62.224	854.853	155.600	17,899.980
252	62.476	5,424.994	2,480.470	29,876.600
500	62.265	42,567.568	3,499.090	88,095.672

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	0.121	523.846	109.180 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	1,610 90.399%	171 9.601%	0
35	1.108	348.552	107.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	16,531 94.826%	902 5.174%	0
35	2.106	287.228	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	32,015 96.294%	1,232 3.706%	0

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	3.114	573.901	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	46,439 94.350%	2,781 5.650%	0	
35	4.111	447.674	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	61,169 94.060%	3,863 5.940%	0	
35	5.109	400.800	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	76,314 94.394%	4,532 5.606%	0	
35	6.107	505.753	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	91,049 94.194%	5,606 5.800%	6 0.006%	
35	7.114	359.625	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	106,222 94.307%	6,406 5.687%	6 0.005%	
35	8.112	368.175	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	121,442 94.547%	6,998 5.448%	6 0.005%	
35	9.109	436.001	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	136,452 94.605%	7,768 5.386%	14 0.010%	
35	10.107	483.217	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	151,163 94.433%	8,897 5.558%	14 0.009%	
35	11.115	383.065	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	166,460 94.554%	9,561 5.431%	27 0.015%	
35	12.112	272.640	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	181,924 94.821%	9,909 5.165%	27 0.014%	
35	13.110	458.492	102.940 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	196,688 94.710%	10,960 5.277%	27 0.013%	

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	14.118	410.521	100.990 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	211,633 94.627%	11,989 5.361%	27 0.012%	
35	15.115	279.804	100.990 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	227,066 94.824%	12,368 5.165%	27 0.011%	
35	16.113	450.054	100.990 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	241,932 94.780%	13,298 5.210%	27 0.011%	
35	17.110	503.521	100.990 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	256,474 94.609%	14,586 5.381%	27 0.010%	
35	18.108	379.794	100.990 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	271,704 94.703%	15,169 5.287%	27 0.009%	
35	19.106	428.814	100.990 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	286,592 94.674%	16,095 5.317%	27 0.009%	
35	20.113	378.653	96.880 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	301,881 94.726%	16,778 5.265%	27 0.008%	
35	21.111	351.531	96.880 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	317,038 94.780%	17,434 5.212%	27 0.008%	
35	22.108	450.045	96.880 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	331,898 94.743%	18,389 5.249%	27 0.008%	
35	23.106	242.756	96.880 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	347,366 94.875%	18,736 5.117%	27 0.007%	
35	24.114	272.410	96.880 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.000%	362,885 94.971%	19,187 5.021%	27 0.007%	

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	25.111	476.286	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	377,574 94.888%	20,313 5.105%	27 0.007%	
35	26.109	422.656	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	392,548 94.881%	21,151 5.112%	27 0.007%	
35	27.107	272.605	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	408,143 95.020%	21,363 4.974%	27 0.006%	
35	28.114	403.675	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	423,365 95.038%	22,074 4.955%	27 0.006%	
35	29.122	523.969	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	437,940 94.898%	23,519 5.096%	27 0.006%	
35	30.109	384.082	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	452,807 94.900%	24,308 5.094%	27 0.006%	
35	31.107	344.083	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	468,144 94.979%	24,720 5.015%	27 0.005%	
35	32.115	480.091	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	482,966 94.899%	25,935 5.096%	27 0.005%	
35	33.112	334.195	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	498,190 94.940%	26,524 5.055%	27 0.005%	
35	34.110	429.286	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	513,159 94.932%	27,358 5.061%	36 0.007%	
35	35.108	483.818	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	527,790 94.863%	28,542 5.130%	36 0.006%	

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	36.115	308.105	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	543,281 94.923%	29,022 5.071%	36 0.006%	
35	37.113	288.143	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	558,760 95.002%	29,358 4.992%	36 0.006%	
35	38.110	396.937	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.000%	573,864 95.015%	30,069 4.979%	36 0.006%	
35	39.108	433.874	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.000%	588,589 94.967%	31,153 5.026%	36 0.006%	
35	40.116	324.121	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.000%	604,188 95.035%	31,528 4.959%	36 0.006%	
35	41.113	427.399	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.000%	619,129 95.021%	32,401 4.973%	36 0.006%	
35	42.111	492.472	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.000%	633,672 94.949%	33,673 5.046%	36 0.005%	
35	43.109	424.573	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.000%	648,557 94.930%	34,601 5.065%	36 0.005%	
35	44.106	434.911	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.000%	663,445 94.912%	35,526 5.082%	36 0.005%	
35	45.114	578.904	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.000%	677,924 94.817%	37,021 5.178%	36 0.005%	
35	46.111	355.667	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.000%	693,215 94.858%	37,543 5.137%	36 0.005%	

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	47.109	387.087	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	708,401 94.882%	38,170 5.112%	36 0.005%	
35	48.107	439.583	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	723,111 94.844%	39,275 5.151%	36 0.005%	
35	49.114	596.998	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	737,732 94.776%	40,611 5.217%	51 0.007%	
35	50.112	382.830	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	752,844 94.792%	41,312 5.202%	51 0.006%	
35	51.110	347.305	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	768,026 94.815%	41,946 5.178%	51 0.006%	
35	52.117	363.775	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	783,465 94.851%	42,478 5.143%	51 0.006%	
35	53.115	311.212	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	798,982 94.912%	42,777 5.082%	51 0.006%	
35	54.112	580.416	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	813,396 94.843%	44,171 5.150%	51 0.006%	
35	55.110	433.819	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	828,192 94.820%	45,186 5.173%	55 0.006%	
35	56.108	361.170	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	843,411 94.845%	45,781 5.148%	55 0.006%	
35	57.115	573.995	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.000%	857,930 94.775%	47,237 5.218%	55 0.006%	

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	58.113	295.965	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.000%	873,376 94.825%	47,605 5.169%	55 0.006%	
35	59.111	295.764	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.000%	888,843 94.876%	47,950 5.118%	55 0.006%	
35	62.234	563.516	96.880 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	2 0.000%	901,829 94.824%	49,122 5.165%	107 0.011%	
66	0.131	1,996.973	176.660 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	2,635 67.860%	1,248 32.140%	0	
66	1.119	481.313	91.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	9 0.027%	29,976 89.770%	3,407 10.203%	0	
66	2.116	447.788	91.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	9 0.014%	58,058 91.829%	5,157 8.157%	0	
66	3.124	438.542	91.050 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	9 0.010%	86,327 92.485%	7,006 7.506%	0	
66	4.121	544.413	87.840 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	24 0.019%	113,483 92.142%	9,654 7.839%	0	
66	5.119	407.029	87.840 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	26 0.017%	142,016 92.832%	10,940 7.151%	0	
66	6.117	502.210	87.840 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	28 0.015%	169,422 92.682%	13,350 7.303%	0	
66	7.114	575.120	87.840 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	33 0.016%	196,473 92.406%	16,114 7.579%	0	

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	8.122	395.132	85.620 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	52 0.021%	225,268 92.802%	17,420 7.176%	0	
66	9.120	560.320	85.620 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	64 0.023%	252,149 92.510%	20,350 7.466%	0	
66	10.117	493.986	85.620 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	65 0.021%	279,745 92.513%	22,575 7.466%	0	
66	11.115	477.849	85.620 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	68 0.020%	307,557 92.582%	24,575 7.398%	0	
66	12.112	373.022	85.620 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	71 0.020%	336,274 92.888%	25,677 7.093%	0	
66	13.120	520.387	85.620 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	74 0.019%	363,674 92.740%	28,394 7.241%	0	
66	14.118	406.432	84.850 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	99 0.023%	391,849 92.864%	30,013 7.113%	0	
66	15.115	351.233	84.850 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	102 0.023%	420,696 93.120%	30,982 6.858%	0	
66	16.113	484.190	84.850 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	108 0.022%	448,317 93.092%	33,160 6.886%	0	
66	17.120	531.076	84.850 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	112 0.022%	475,696 92.960%	35,915 7.018%	0	
66	18.128	533.365	84.850 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	112 0.021%	503,319 92.890%	38,411 7.089%	0	

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	19.116	639.761	84.850 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	112 0.020%	529,515 92.676%	41,732 7.304%	0	
66	20.113	439.714	84.520 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	146 0.024%	557,403 92.718%	43,633 7.258%	0	
66	21.121	379.080	84.520 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	161 0.026%	586,462 92.897%	44,678 7.077%	0	
66	22.129	484.872	84.520 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	188 0.028%	614,278 92.872%	46,956 7.099%	0	
66	23.116	452.977	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	243 0.035%	641,808 92.889%	48,887 7.075%	0	
66	24.114	454.191	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	262 0.036%	669,824 92.933%	50,675 7.031%	0	
66	25.121	550.317	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	268 0.036%	697,315 92.866%	53,297 7.098%	0	
66	26.119	629.649	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	271 0.035%	724,347 92.782%	56,063 7.181%	20 0.003%	
66	27.117	561.905	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	276 0.034%	751,886 92.774%	58,221 7.184%	66 0.008%	
66	28.114	569.004	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	278 0.033%	779,084 92.711%	60,885 7.245%	93 0.011%	
66	29.122	568.971	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	283 0.033%	806,620 92.666%	63,398 7.283%	155 0.018%	

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	30.120	371.575	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	320 0.036%	834,944 92.743%	64,861 7.205%	155 0.017%	
66	31.117	459.173	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	320 0.034%	863,301 92.818%	66,320 7.130%	155 0.017%	
66	32.115	548.291	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	336 0.035%	890,165 92.733%	69,264 7.216%	155 0.016%	
66	33.122	289.253	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	362 0.037%	919,521 92.877%	70,000 7.070%	155 0.016%	
66	34.120	462.550	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	379 0.037%	947,467 92.902%	71,858 7.046%	155 0.015%	
66	35.118	561.626	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	381 0.036%	974,718 92.858%	74,403 7.088%	179 0.017%	
66	36.115	346.202	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	408 0.038%	1,003,485 92.959%	75,425 6.987%	179 0.017%	
66	37.113	423.146	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	416 0.038%	1,031,447 92.980%	77,274 6.966%	179 0.016%	
66	38.121	480.341	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	416 0.037%	1,059,657 92.998%	79,185 6.949%	179 0.016%	
66	39.118	459.115	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	429 0.037%	1,087,563 93.025%	80,932 6.923%	179 0.015%	
66	40.116	407.697	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	457 0.038%	1,115,962 93.068%	82,479 6.879%	179 0.015%	

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	41.123	356.534	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	458 <i>0.037%</i>	1,144,979 <i>93.148%</i>	83,583 <i>6.800%</i>	179 <i>0.015%</i>	
66	42.121	742.493	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	458 <i>0.036%</i>	1,170,296 <i>92.953%</i>	88,084 <i>6.996%</i>	179 <i>0.014%</i>	
66	43.119	420.835	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	458 <i>0.036%</i>	1,198,735 <i>93.009%</i>	89,467 <i>6.942%</i>	179 <i>0.014%</i>	
66	44.116	428.505	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	470 <i>0.036%</i>	1,226,844 <i>93.037%</i>	91,165 <i>6.913%</i>	179 <i>0.014%</i>	
66	45.124	295.941	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	480 <i>0.036%</i>	1,255,851 <i>93.110%</i>	92,271 <i>6.841%</i>	179 <i>0.013%</i>	
66	46.122	578.563	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	492 <i>0.036%</i>	1,282,735 <i>93.046%</i>	95,191 <i>6.905%</i>	179 <i>0.013%</i>	
66	47.119	647.858	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	495 <i>0.035%</i>	1,309,446 <i>92.973%</i>	98,289 <i>6.979%</i>	191 <i>0.014%</i>	
66	48.117	456.884	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	499 <i>0.035%</i>	1,337,552 <i>92.999%</i>	99,982 <i>6.952%</i>	203 <i>0.014%</i>	
66	49.114	434.390	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	511 <i>0.035%</i>	1,365,622 <i>93.022%</i>	101,721 <i>6.929%</i>	203 <i>0.014%</i>	
66	50.122	446.251	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	511 <i>0.034%</i>	1,393,915 <i>93.041%</i>	103,548 <i>6.912%</i>	203 <i>0.014%</i>	
66	51.120	457.129	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	511 <i>0.033%</i>	1,422,015 <i>93.067%</i>	105,223 <i>6.887%</i>	203 <i>0.013%</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	52.117	496.118	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	558 <i>0.036%</i>	1,449,529 <i>93.049%</i>	107,528 <i>6.902%</i>	203 <i>0.013%</i>	
66	53.115	438.231	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	564 <i>0.036%</i>	1,477,720 <i>93.077%</i>	109,151 <i>6.875%</i>	203 <i>0.013%</i>	
66	54.122	402.900	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	598 <i>0.037%</i>	1,506,300 <i>93.110%</i>	110,655 <i>6.840%</i>	203 <i>0.013%</i>	
66	55.120	461.600	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	608 <i>0.037%</i>	1,534,490 <i>93.136%</i>	112,274 <i>6.815%</i>	203 <i>0.012%</i>	
66	56.118	411.357	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	611 <i>0.036%</i>	1,563,029 <i>93.182%</i>	113,554 <i>6.770%</i>	203 <i>0.012%</i>	
66	57.115	636.136	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	613 <i>0.036%</i>	1,589,409 <i>93.100%</i>	116,990 <i>6.853%</i>	203 <i>0.012%</i>	
66	58.113	478.445	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	618 <i>0.036%</i>	1,616,971 <i>93.088%</i>	119,246 <i>6.865%</i>	203 <i>0.012%</i>	
66	59.121	353.504	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	624 <i>0.035%</i>	1,645,986 <i>93.143%</i>	120,347 <i>6.810%</i>	203 <i>0.011%</i>	
66	62.254	226.520	82.190 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	633 <i>0.035%</i>	1,671,571 <i>93.204%</i>	121,051 <i>6.750%</i>	203 <i>0.011%</i>	
128	0.111	3,614.282	223.890 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	3,423 <i>60.659%</i>	1,181 <i>20.929%</i>	1,039 <i>18.412%</i>	
128	1.098	730.622	166.990 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	0	52,613 <i>83.656%</i>	9,240 <i>14.692%</i>	1,039 <i>1.652%</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>					
128	2.106	605.697	166.990 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	105,079 86.767%	14,987 12.375%	1,039 0.858%	
128	3.104	593.166	166.990 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	156,977 87.745%	20,886 11.675%	1,039 0.581%	
128	4.101	653.199	166.990 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	207,428 87.694%	28,068 11.866%	1,039 0.439%	
128	5.099	446.368	166.990 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	262,057 89.025%	31,266 10.622%	1,039 0.353%	
128	6.107	595.685	161.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	314,438 89.149%	37,233 10.556%	1,039 0.295%	
128	7.104	564.968	161.660 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	367,028 89.411%	42,428 10.336%	1,039 0.253%	
128	8.102	456.228	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	420,832 89.859%	46,454 9.919%	1,039 0.222%	
128	9.099	861.967	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	470,559 89.528%	53,374 10.155%	1,664 0.317%	
128	10.107	614.577	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	521,934 89.374%	60,390 10.341%	1,664 0.285%	
128	11.105	364.317	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	577,474 89.974%	62,683 9.766%	1,664 0.259%	
128	12.102	503.423	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	631,442 90.251%	66,543 9.511%	1,664 0.238%	

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	13.100	867.441	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	682,227 90.178%	71,701 9.478%	2,608 0.345%	
128	14.108	610.855	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	734,726 90.159%	77,593 9.521%	2,608 0.320%	
128	15.105	678.362	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	785,176 89.985%	84,784 9.717%	2,608 0.299%	
128	16.103	880.720	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	835,813 89.885%	90,607 9.744%	3,453 0.371%	
128	17.100	538.257	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	889,350 90.046%	94,860 9.604%	3,453 0.350%	
128	18.108	547.858	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	942,029 90.053%	100,603 9.617%	3,453 0.330%	
128	19.106	750.050	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	991,420 89.815%	108,968 9.872%	3,453 0.313%	
128	20.103	673.381	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,041,658 89.669%	116,561 10.034%	3,453 0.297%	
128	21.101	551.827	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,095,200 89.815%	120,749 9.902%	3,453 0.283%	
128	22.108	621.010	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,147,323 89.790%	127,013 9.940%	3,453 0.270%	
128	23.106	604.597	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,198,806 89.756%	133,365 9.985%	3,453 0.259%	

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	24.104	520.604	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,252,189 89.879%	137,559 9.874%	3,453 0.248%	
128	25.101	466.127	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,306,060 90.000%	141,671 9.762%	3,453 0.238%	
128	26.099	580.029	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,358,311 90.019%	147,158 9.753%	3,453 0.229%	
128	27.117	425.326	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,414,068 90.185%	150,440 9.595%	3,453 0.220%	
128	28.104	450.766	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,467,759 90.308%	154,062 9.479%	3,453 0.212%	
128	29.102	531.792	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,520,425 90.335%	159,225 9.460%	3,453 0.205%	
128	30.099	537.319	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,574,502 90.444%	162,894 9.357%	3,453 0.198%	
128	31.117	683.331	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,626,330 90.360%	170,044 9.448%	3,453 0.192%	
128	32.105	572.172	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,679,024 90.419%	174,453 9.395%	3,453 0.186%	
128	33.102	538.581	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,732,749 90.498%	178,481 9.322%	3,453 0.180%	
128	34.100	622.539	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,784,089 90.448%	184,968 9.377%	3,453 0.175%	

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	35.108	655.777	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,835,264 90.373%	192,038 9.456%	3,453 0.170%	
128	36.105	541.072	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,887,940 90.393%	197,200 9.442%	3,453 0.165%	
128	37.103	774.783	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,938,263 90.324%	203,575 9.487%	4,073 0.190%	
128	38.100	562.311	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,990,585 90.327%	209,084 9.488%	4,073 0.185%	
128	39.108	637.445	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,042,735 90.302%	215,297 9.518%	4,073 0.180%	
128	40.106	467.919	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,096,787 90.381%	219,076 9.443%	4,073 0.176%	
128	41.103	780.024	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,147,226 90.320%	225,427 9.482%	4,693 0.197%	
128	42.101	755.223	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,197,601 90.250%	232,720 9.557%	4,693 0.193%	
128	43.109	835.850	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,246,422 90.098%	242,133 9.711%	4,748 0.190%	
128	44.106	693.298	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,296,784 90.036%	249,423 9.778%	4,748 0.186%	
128	45.104	680.405	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,347,904 90.004%	256,025 9.814%	4,748 0.182%	

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	46.101	421.035	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,402,539 90.101%	259,214 9.721%	4,748 0.178%	
128	47.109	629.027	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,454,306 90.069%	265,860 9.757%	4,748 0.174%	
128	48.107	604.567	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,506,481 90.073%	271,493 9.756%	4,748 0.171%	
128	49.104	536.671	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,560,296 90.136%	275,448 9.697%	4,748 0.167%	
128	50.102	637.422	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,611,361 90.101%	282,159 9.735%	4,748 0.164%	
128	51.099	790.056	157.910 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,661,577 90.045%	289,391 9.790%	4,868 0.165%	
128	52.107	550.984	155.600 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,715,374 90.087%	293,925 9.751%	4,868 0.162%	
128	53.105	773.534	155.600 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,765,316 90.023%	301,615 9.819%	4,868 0.158%	
128	54.102	622.635	155.600 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,817,451 90.025%	307,328 9.820%	4,868 0.156%	
128	55.100	478.079	155.600 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,871,012 90.072%	311,596 9.776%	4,868 0.153%	
128	56.108	589.606	155.600 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,923,629 90.073%	317,364 9.777%	4,868 0.150%	

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	57.105	513.007	155.600 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,975,979 90.080%	322,847 9.772%	4,868 0.147%	
128	58.103	674.638	155.600 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	3,027,013 90.050%	329,615 9.806%	4,868 0.145%	
128	59.100	483.533	155.600 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	3,080,346 90.086%	334,115 9.771%	4,868 0.142%	
128	62.224	526.648	155.600 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	3,129,009 90.127%	337,900 9.733%	4,868 0.140%	
252	0.242	16,273.426	3665.970 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	4,579 27.300%	12,194 72.700%	
252	1.229	4,887.614	3072.350 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	79,961 85.101%	13,999 14.899%	
252	2.227	4,923.110	2983.840 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	155,185 90.973%	15,398 9.027%	
252	3.235	4,653.285	2977.870 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	233,250 93.107%	17,267 6.893%	
252	4.232	4,206.205	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	315,283 94.808%	17,267 5.192%	
252	5.230	4,969.519	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	390,927 95.415%	18,784 4.585%	
252	6.227	4,966.339	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	464,899 95.697%	20,902 4.303%	

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>					
252	7.235	4,391.969	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	546,300 96.210%	21,522 3.790%	
252	8.233	4,458.034	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	625,717 96.571%	22,215 3.429%	
252	9.230	4,955.709	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	702,012 96.768%	23,445 3.232%	
252	10.228	4,624.319	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	780,644 96.935%	24,682 3.065%	
252	11.226	4,340.158	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	861,240 97.185%	24,949 2.815%	
252	12.233	4,847.580	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	938,410 97.312%	25,919 2.688%	
252	13.231	4,503.280	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	1,018,008 97.517%	25,919 2.483%	
252	14.228	4,596.268	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	1,097,720 97.628%	26,667 2.372%	
252	15.226	4,646.598	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	1,175,419 97.639%	28,417 2.361%	
252	16.234	4,750.022	2657.220 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	1,254,564 97.718%	29,302 2.282%	

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

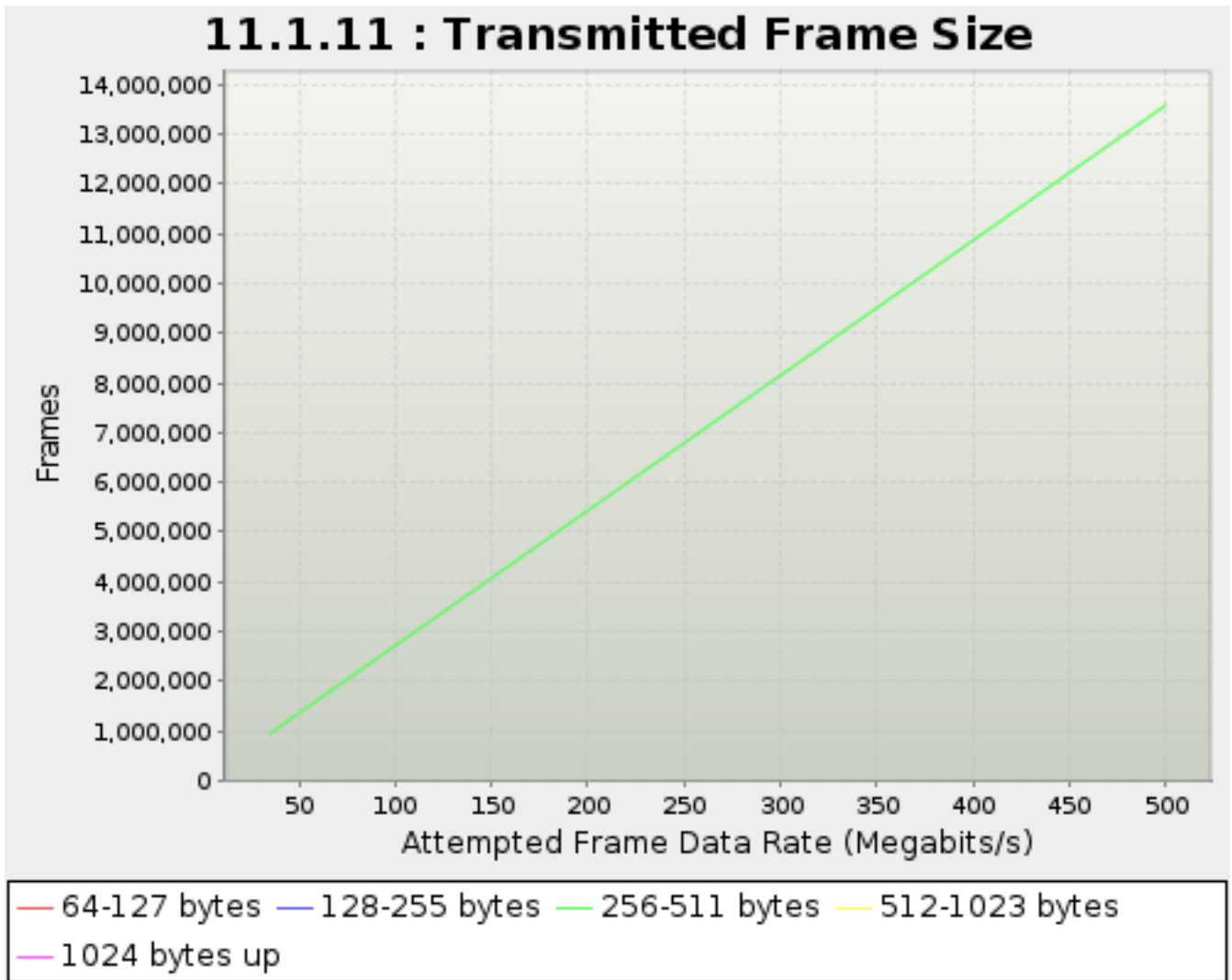
11.1.10. Component Summary

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	1,793,458 100.000%	459,125,760	459,125,248 100.000%
128	3,478,260	3,471,777 99.814%	890,434,560	888,774,912 99.814%
252	6,847,800	4,768,687 69.638%	1,753,036,800	1,220,783,872 69.638%
500	13,586,940	5,785,466 42.581%	3,478,256,640	1,481,079,296 42.581%

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	~15910	~35	35.14
66	~29890	~30050	~66	66.34
128	~57970	~58120	~128	128.3
252	~114100	~82460	~252	182.1
500	~226400	~105400	~500	232.7

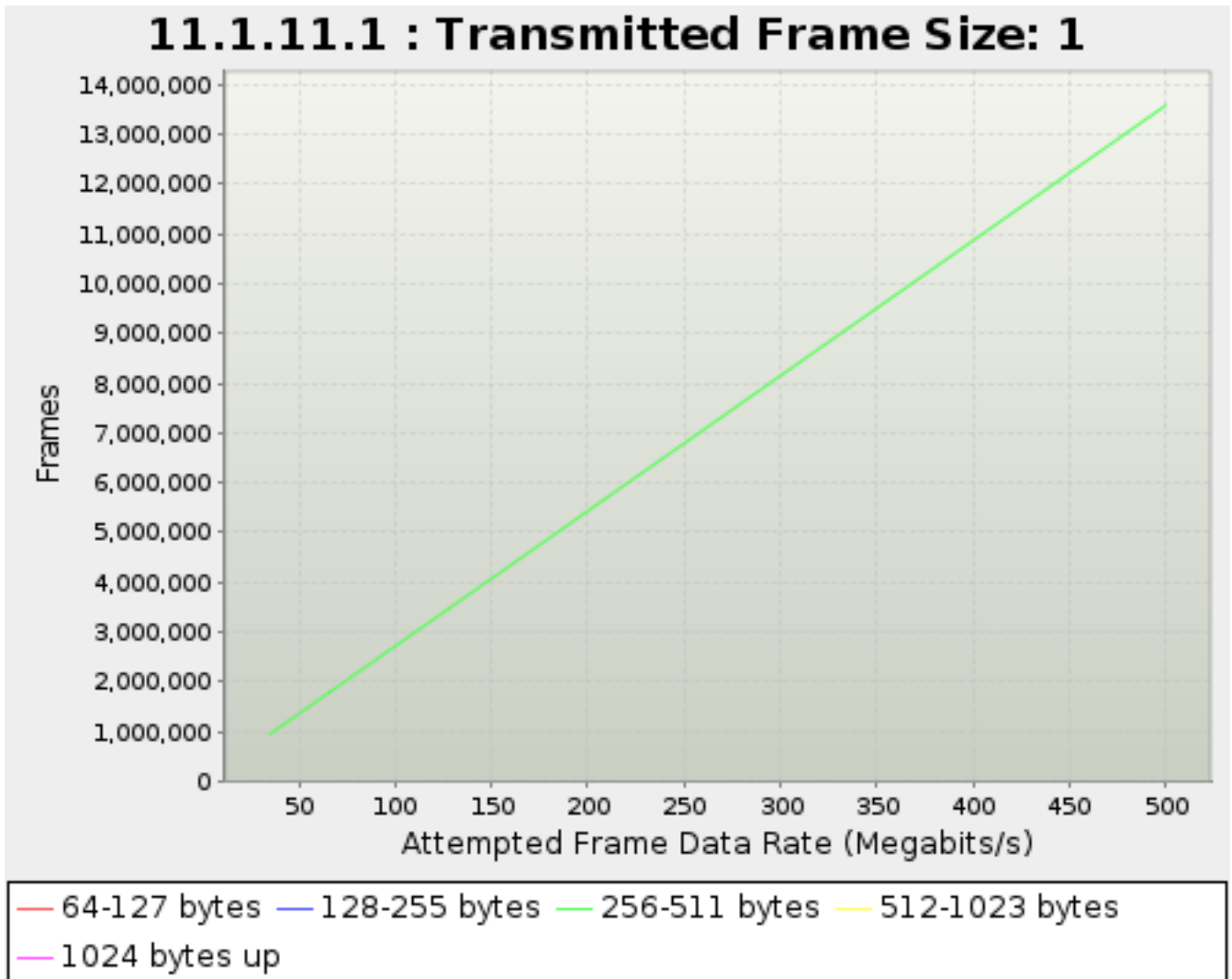
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
35	0	741	0	0	64	0	0	0
66	0	1,218	0	0	64	2	0	0
128	0	2,685	0	0	64	6,483	0	0
252	0	835,779	0	0	64	2,079,113	0	0
500	0	1,464,126	0	0	64	7,801,474	0	0

11.1.11. Transmitted Frame Size



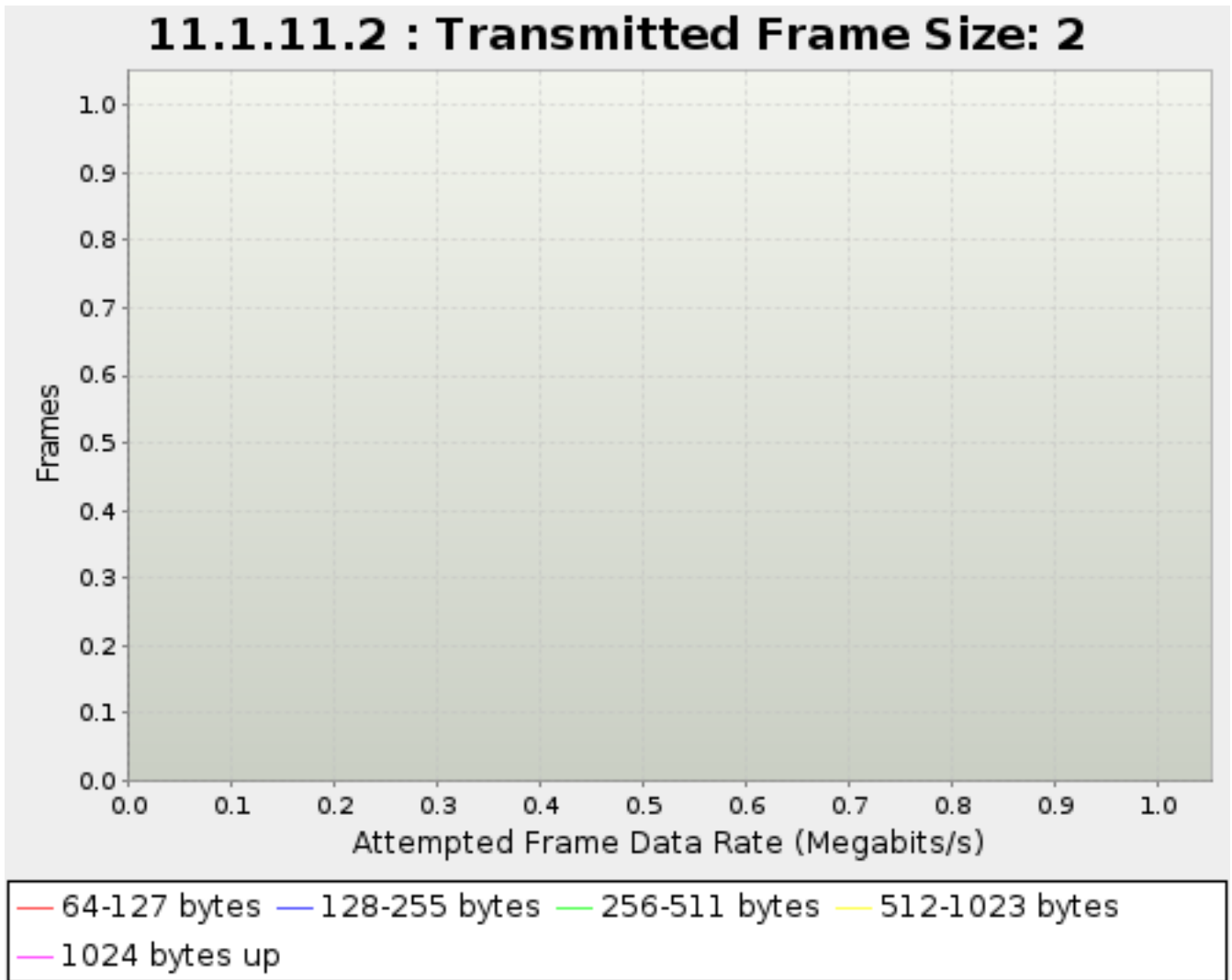
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
35	62.234	0	0	951,060	0	0
66	62.254	0	0	1,793,460	0	0
128	62.224	0	0	3,478,260	0	0
252	62.476	0	0	6,847,800	0	0
500	62.265	0	0	13,586,940	0	0

11.1.11.1. Transmitted Frame Size: 1



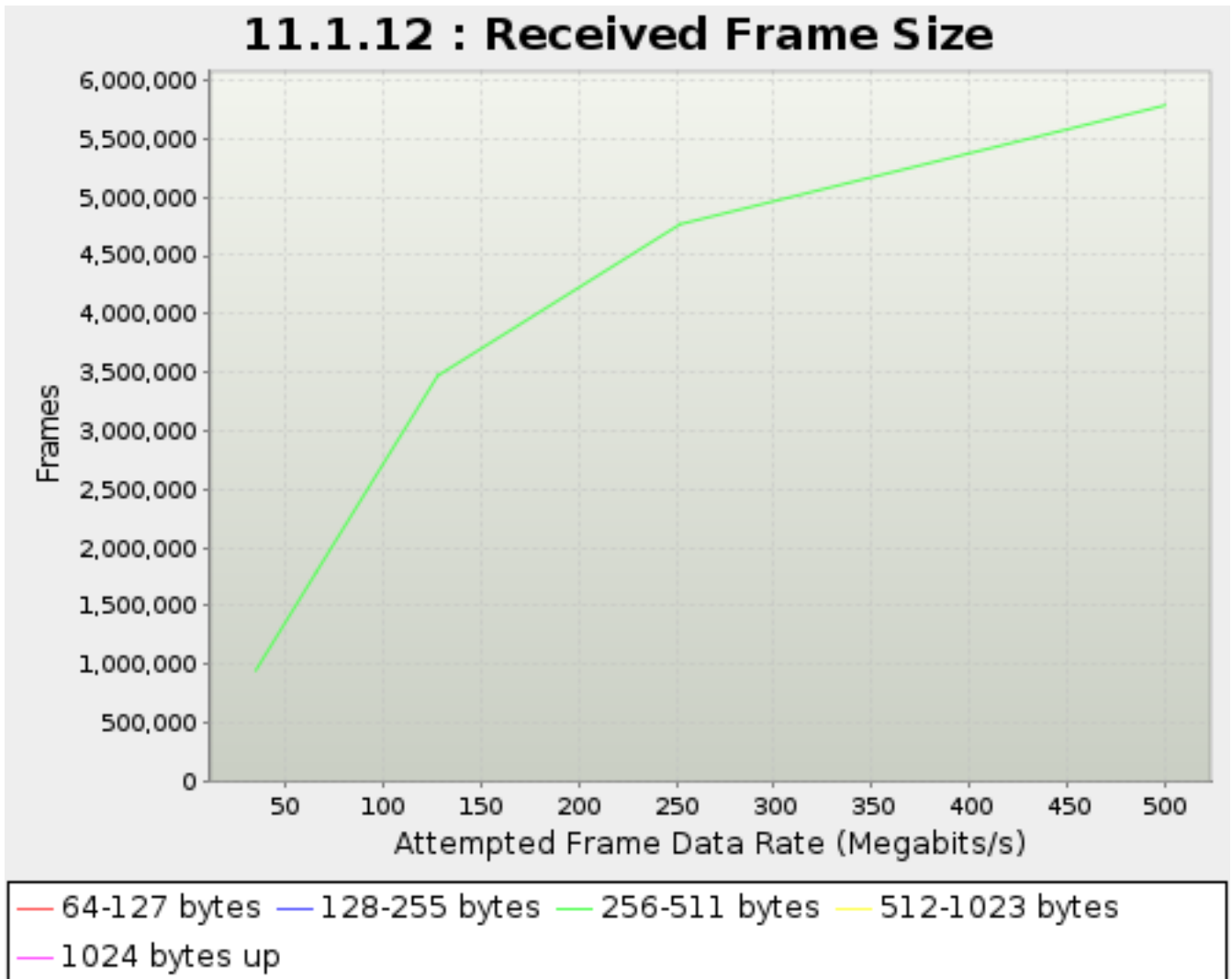
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
35	62.234	0	0	951,060	0	0
66	62.254	0	0	1,793,460	0	0
128	62.224	0	0	3,478,260	0	0
252	62.476	0	0	6,847,800	0	0
500	62.265	0	0	13,586,940	0	0

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	62.234	0	0	0	0	0
66	62.254	0	0	0	0	0
128	62.224	0	0	0	0	0
252	62.476	0	0	0	0	0
500	62.265	0	0	0	0	0

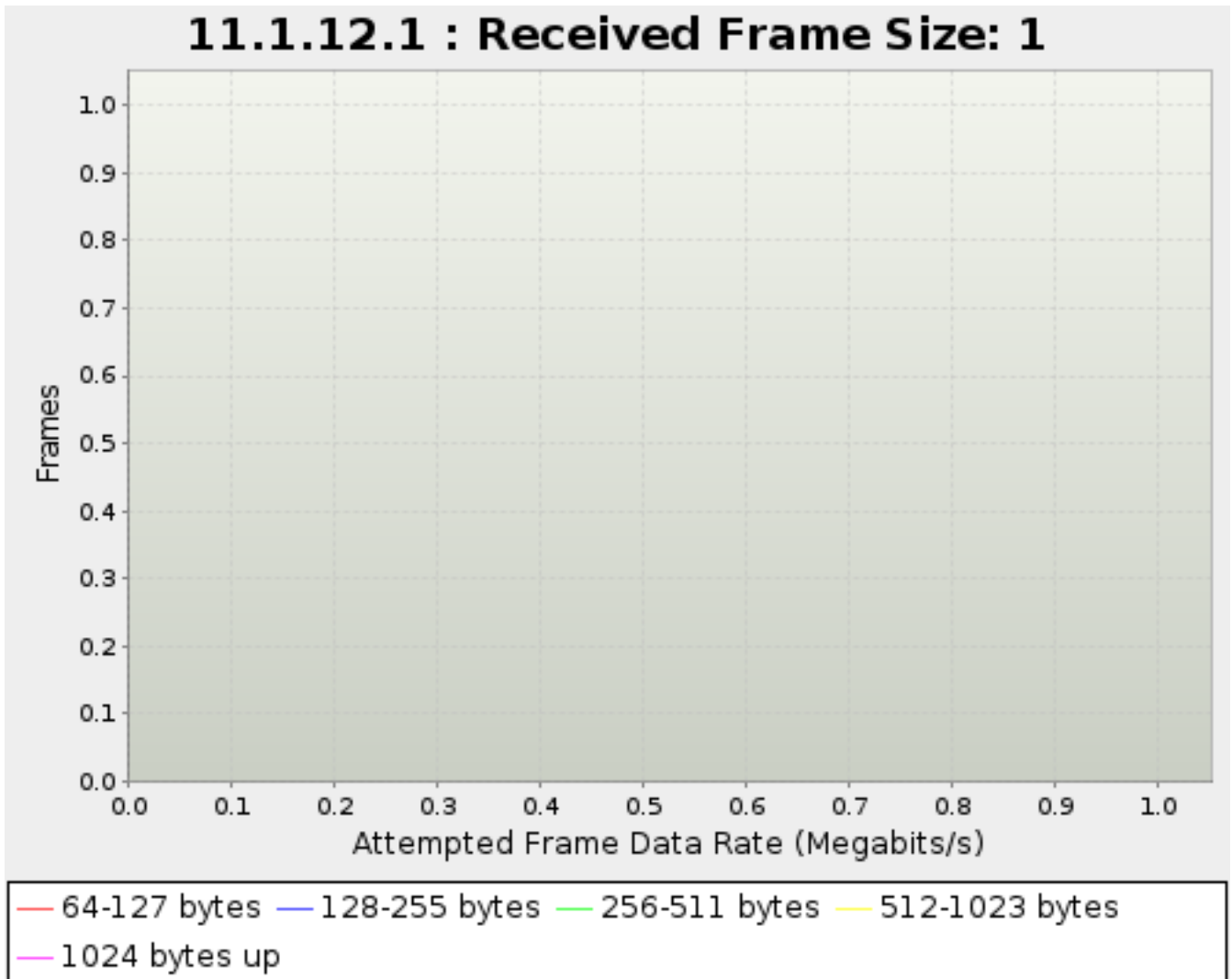
11.1.12. Received Frame Size



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	62.234	0	0	951,060	0	0
66	62.254	0	0	1,793,458	0	0
128	62.224	0	0	3,471,777	0	0
252	62.476	0	0	4,768,687	0	0
500	62.265	0	0	5,785,466	0	0

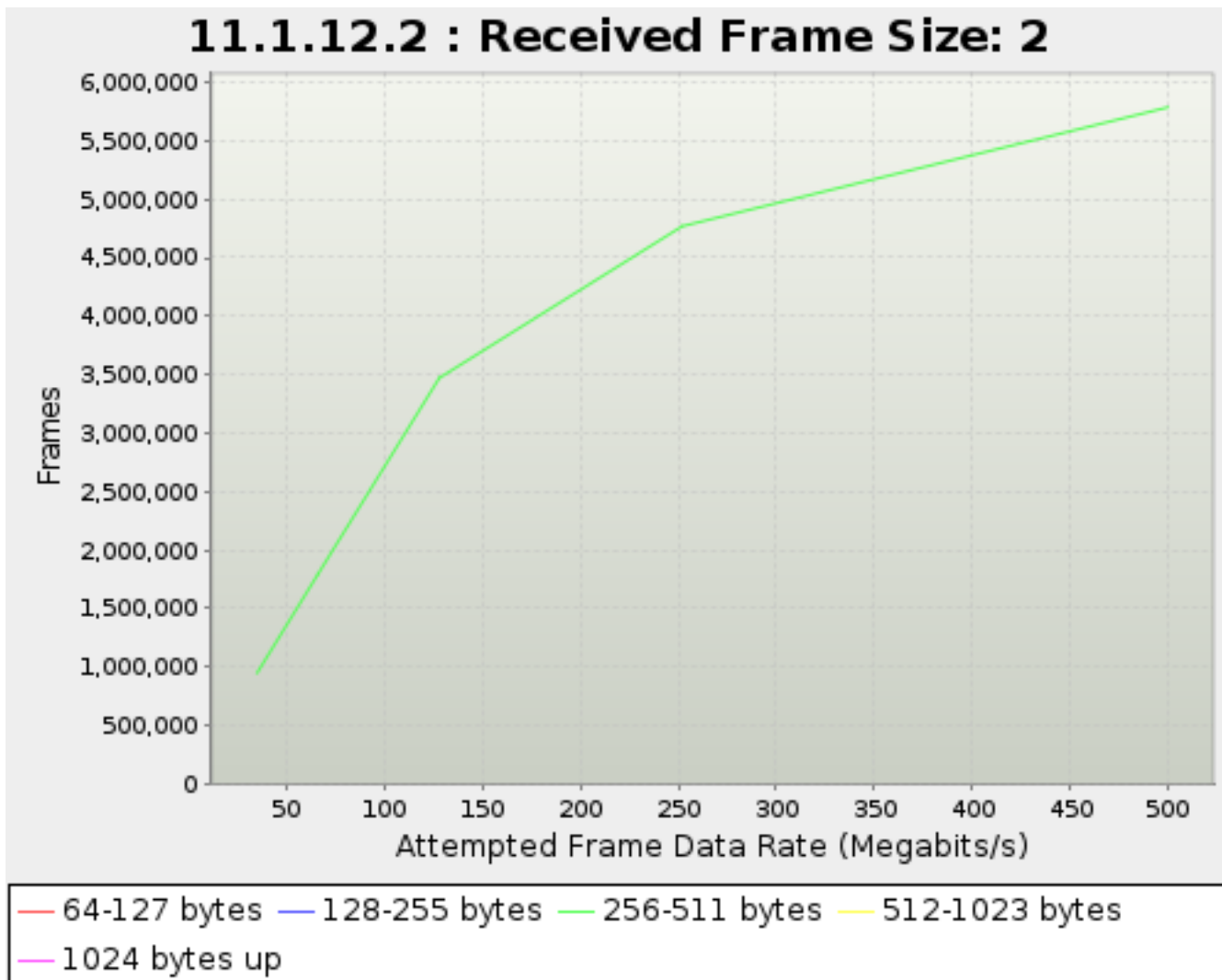
11.1.12.1. Received Frame Size: 1



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	62.234	0	0	0	0	0
66	62.254	0	0	0	0	0
128	62.224	0	0	0	0	0
252	62.476	0	0	0	0	0
500	62.265	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	62.234	0	0	951,060	0	0
66	62.254	0	0	1,793,458	0	0
128	62.224	0	0	3,471,777	0	0
252	62.476	0	0	4,768,687	0	0
500	62.265	0	0	5,785,466	0	0

11.2. Aggregate Stats

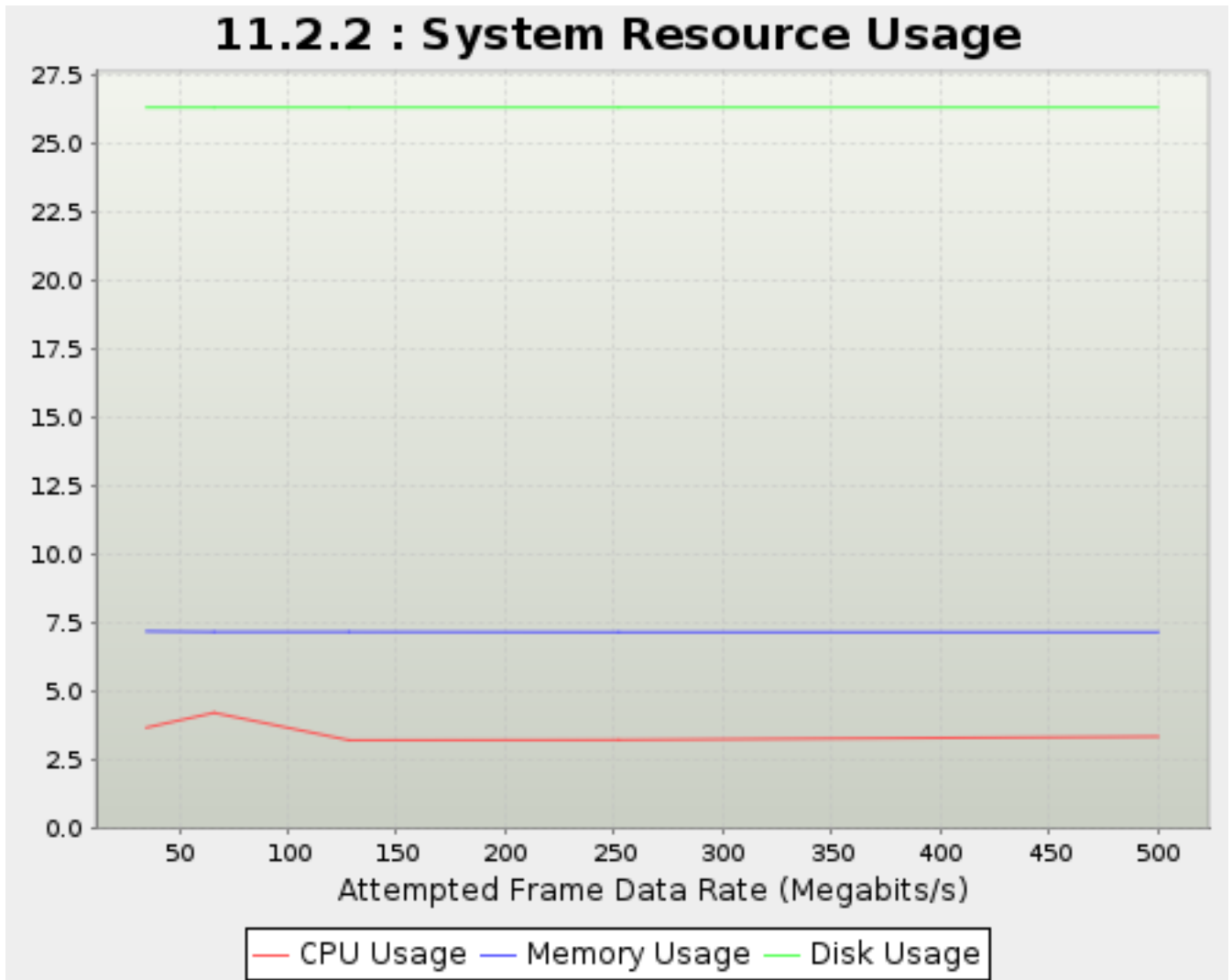
11.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

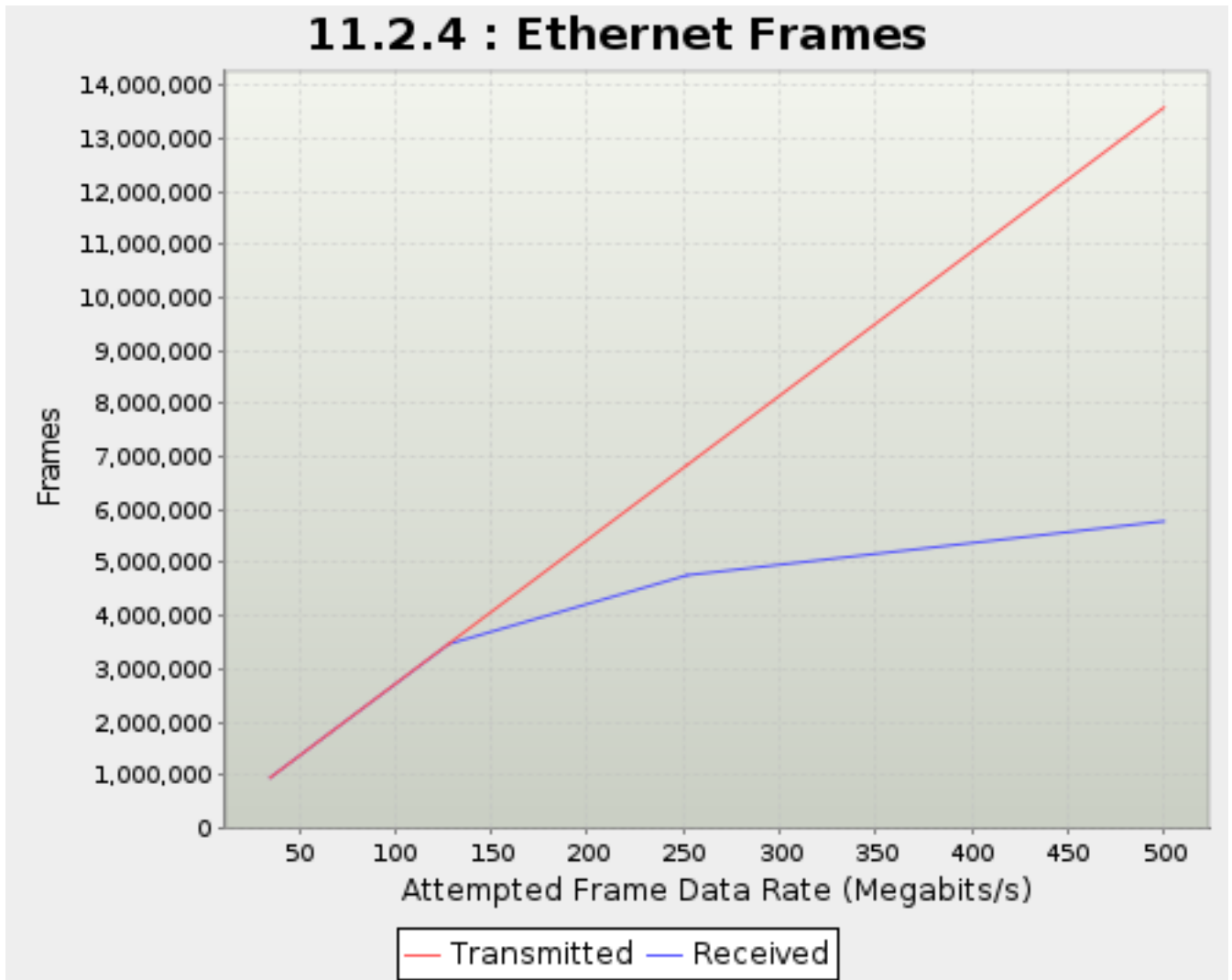
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0

11.2.2. System Resource Usage



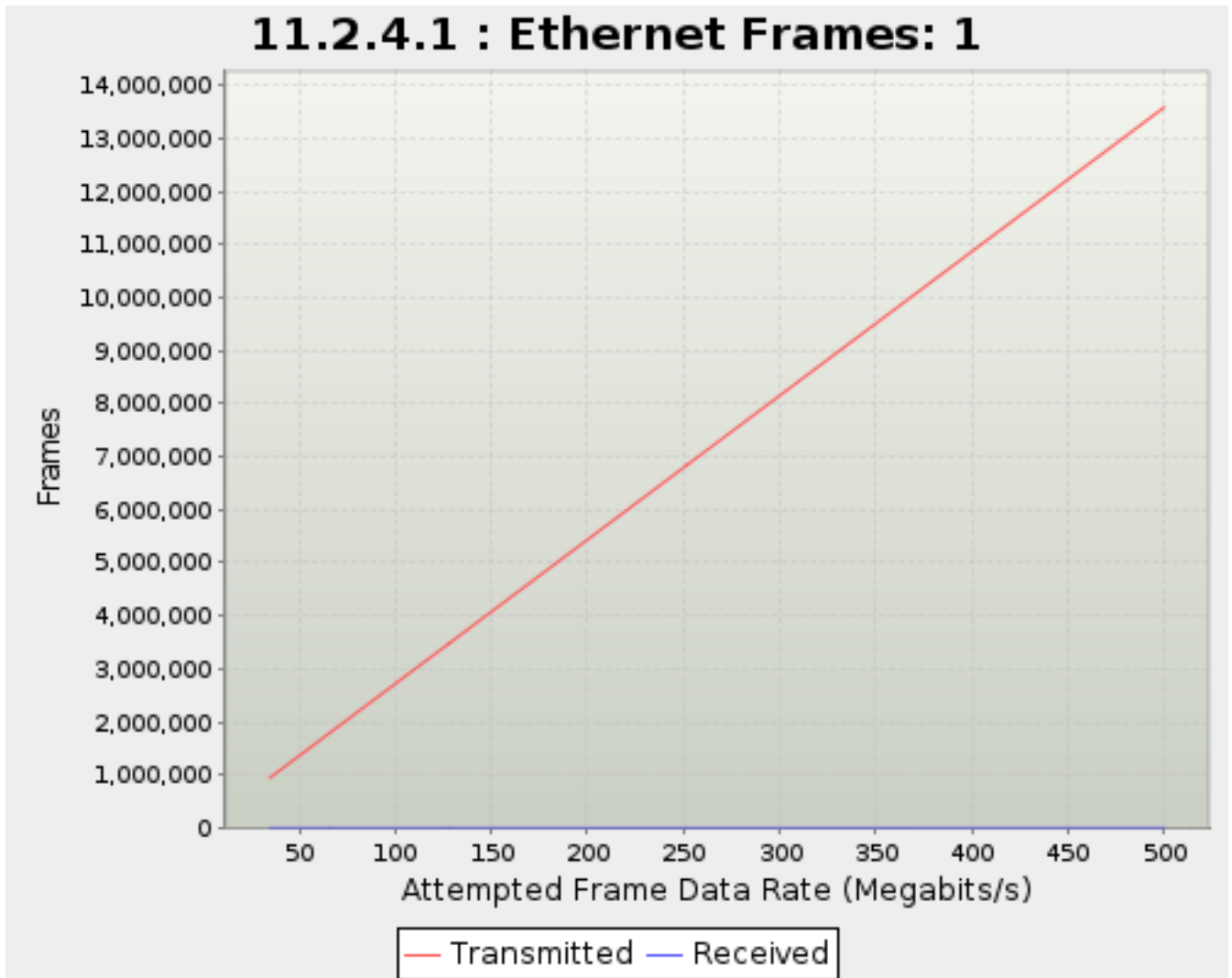
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
35	63.577	3.68	7.20	26.36
66	63.568	4.22	7.18	26.36
128	63.568	3.22	7.18	26.36
252	63.724	3.23	7.17	26.36
500	63.644	3.35	7.17	26.36

11.2.4. Ethernet Frames



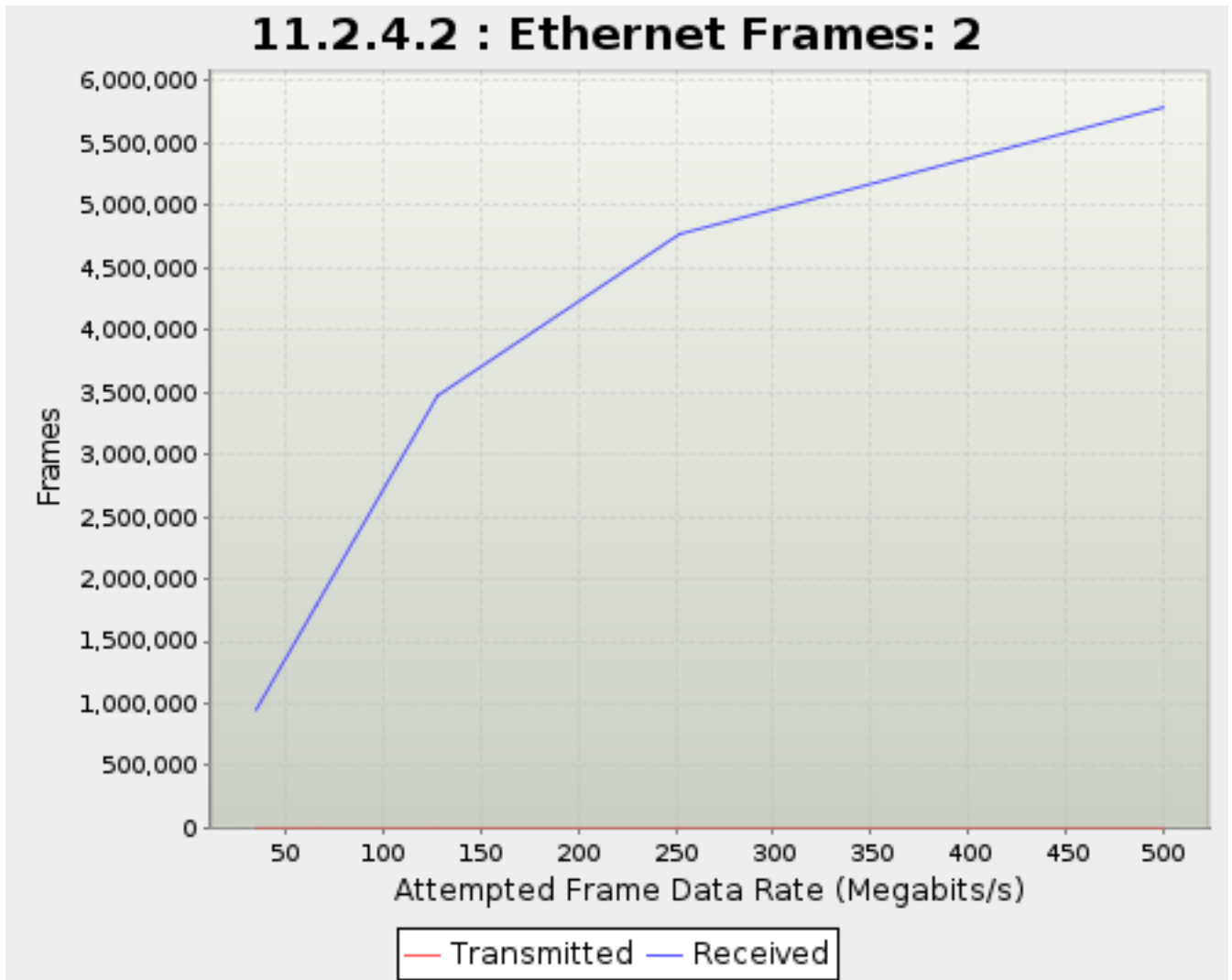
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.564	952,101	952,273 100.018%
66	63.554	1,794,459	1,794,632 100.010%
128	63.554	3,479,318	3,473,008 99.819%
252	63.716	6,848,747	4,769,732 69.644%
500	63.635	13,588,039	5,786,687 42.587%

11.2.4.1. Ethernet Frames: 1



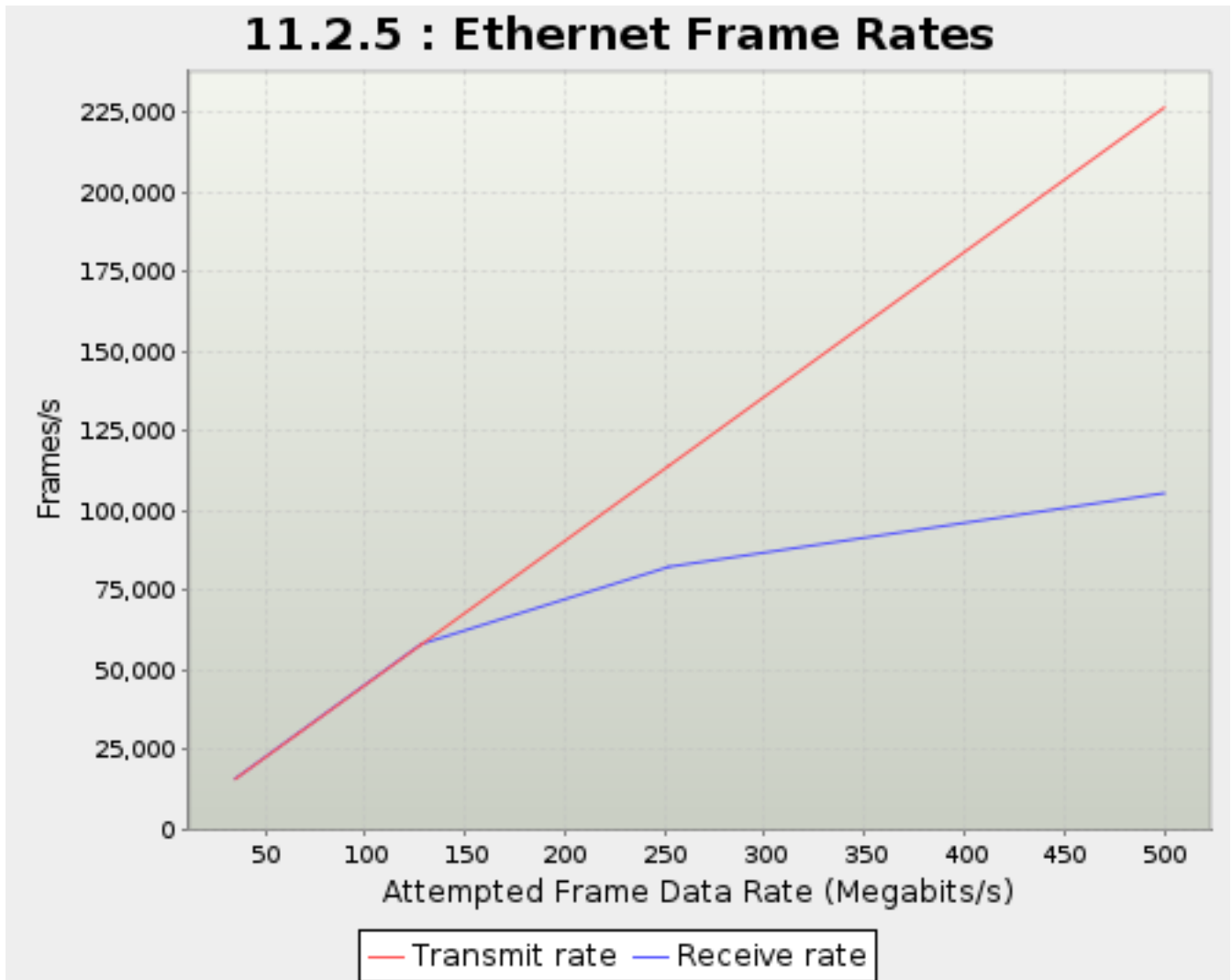
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.564	951,976	956 0.100%
66	63.554	1,794,393	977 0.054%
128	63.554	3,479,252	1,032 0.030%
252	63.716	6,848,624	788 0.012%
500	63.635	13,587,973	1,022 0.008%

11.2.4.2. Ethernet Frames: 2



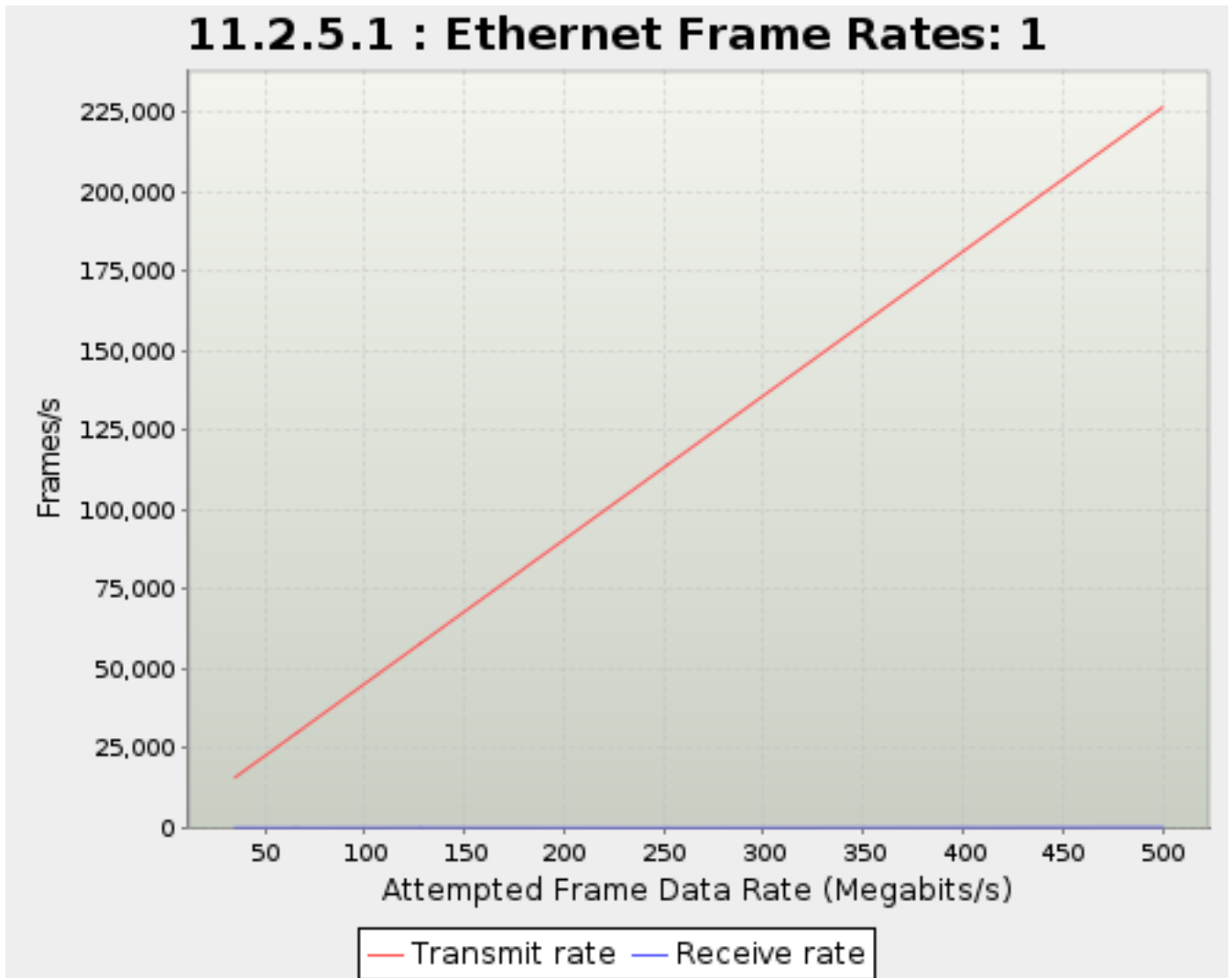
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.564	125	951,317 761053.600%
66	63.554	66	1,793,655 2717659.091%
128	63.554	66	3,471,976 5260569.697%
252	63.716	123	4,768,944 3877190.244%
500	63.635	66	5,785,665 8766159.091%

11.2.5. Ethernet Frame Rates



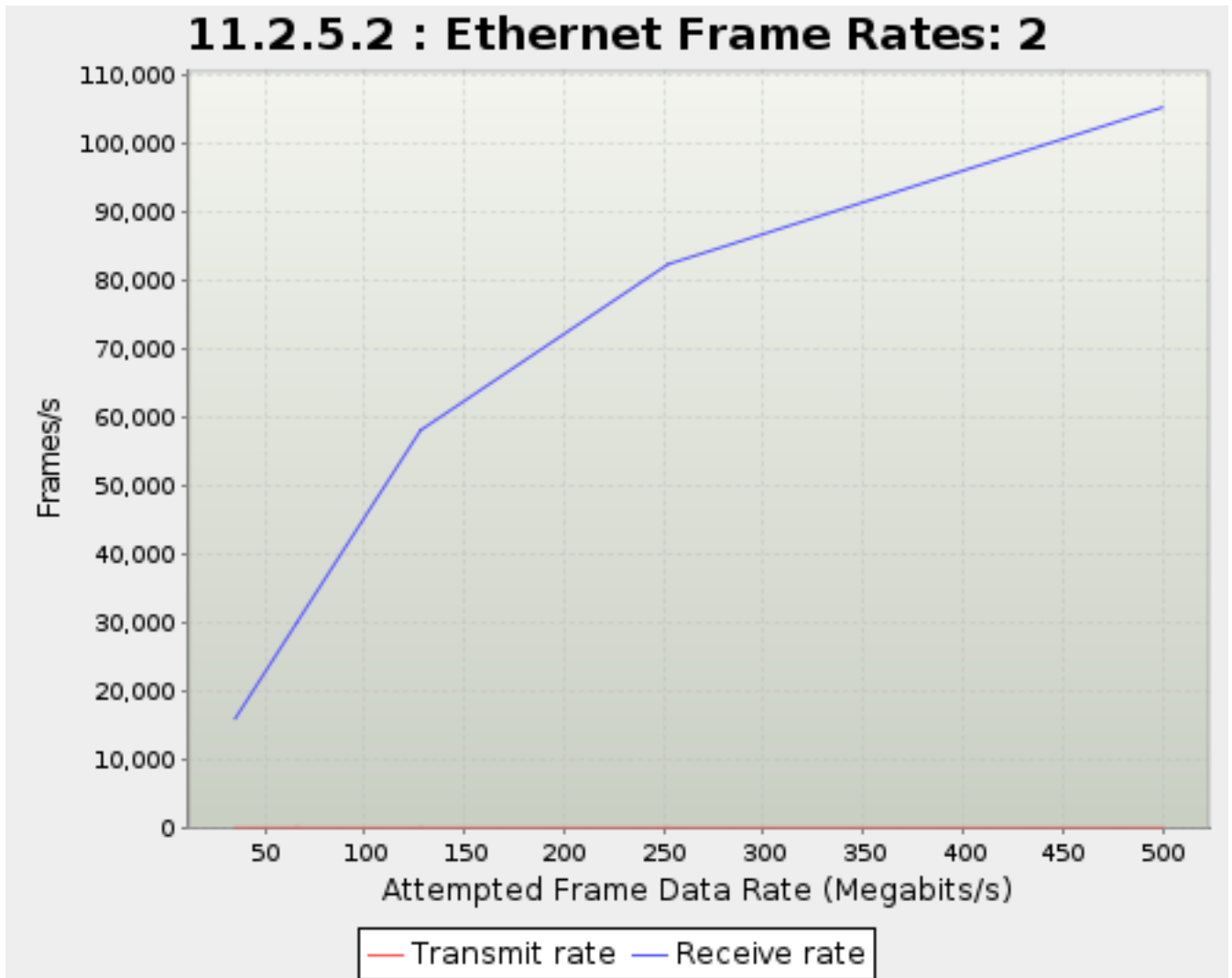
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	63.564	~15960	~16070
66	63.554	~29980	~30140
128	63.554	~58100	~58270
252	63.716	~114200	~82500
500	63.635	~226600	~105600

11.2.5.1. Ethernet Frame Rates: 1



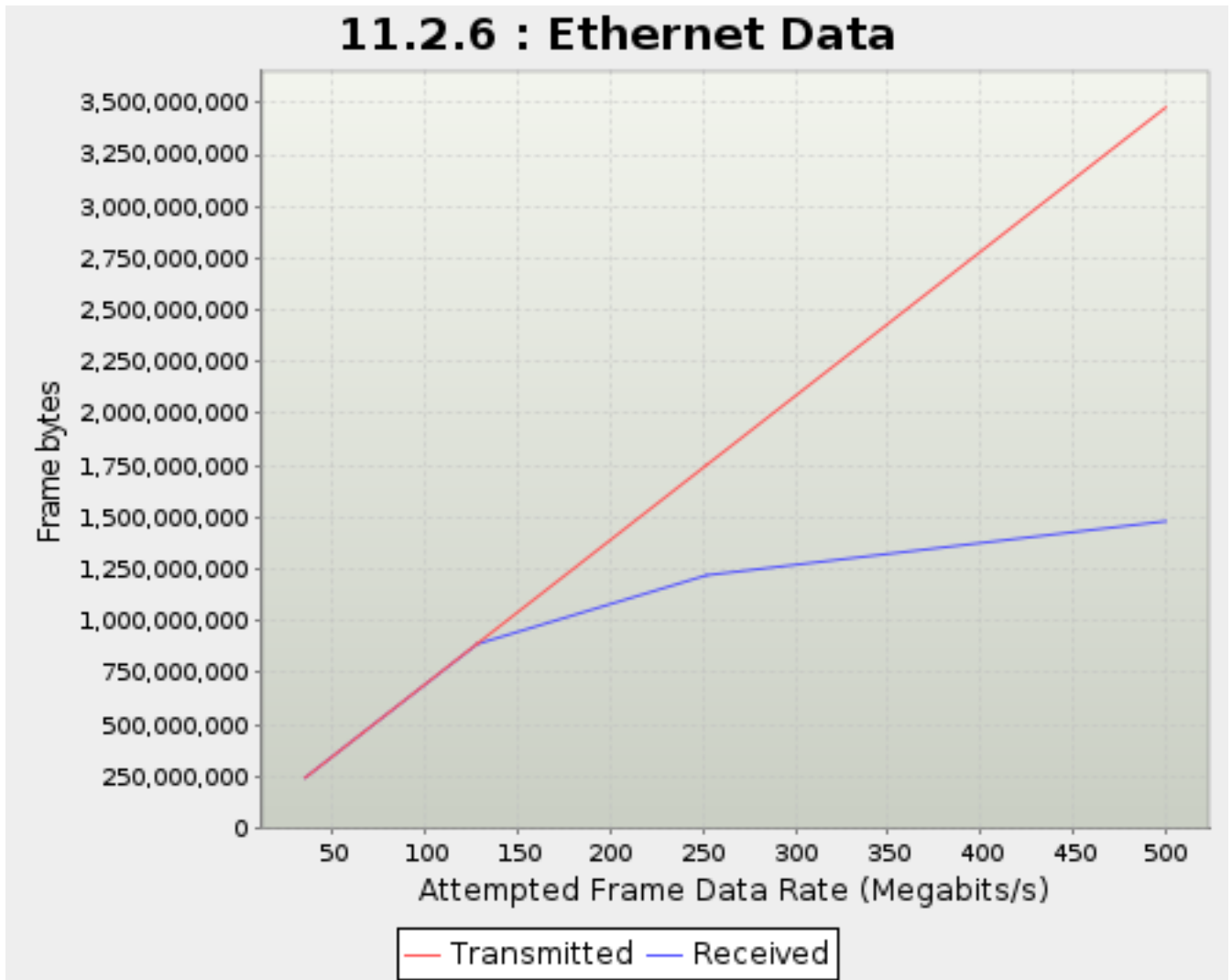
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	63.564	~15930	74.18
66	63.554	~29950	60.14
128	63.554	~58060	93.22
252	63.716	~114200	43.10
500	63.635	~226500	177.2

11.2.5.2. Ethernet Frame Rates: 2



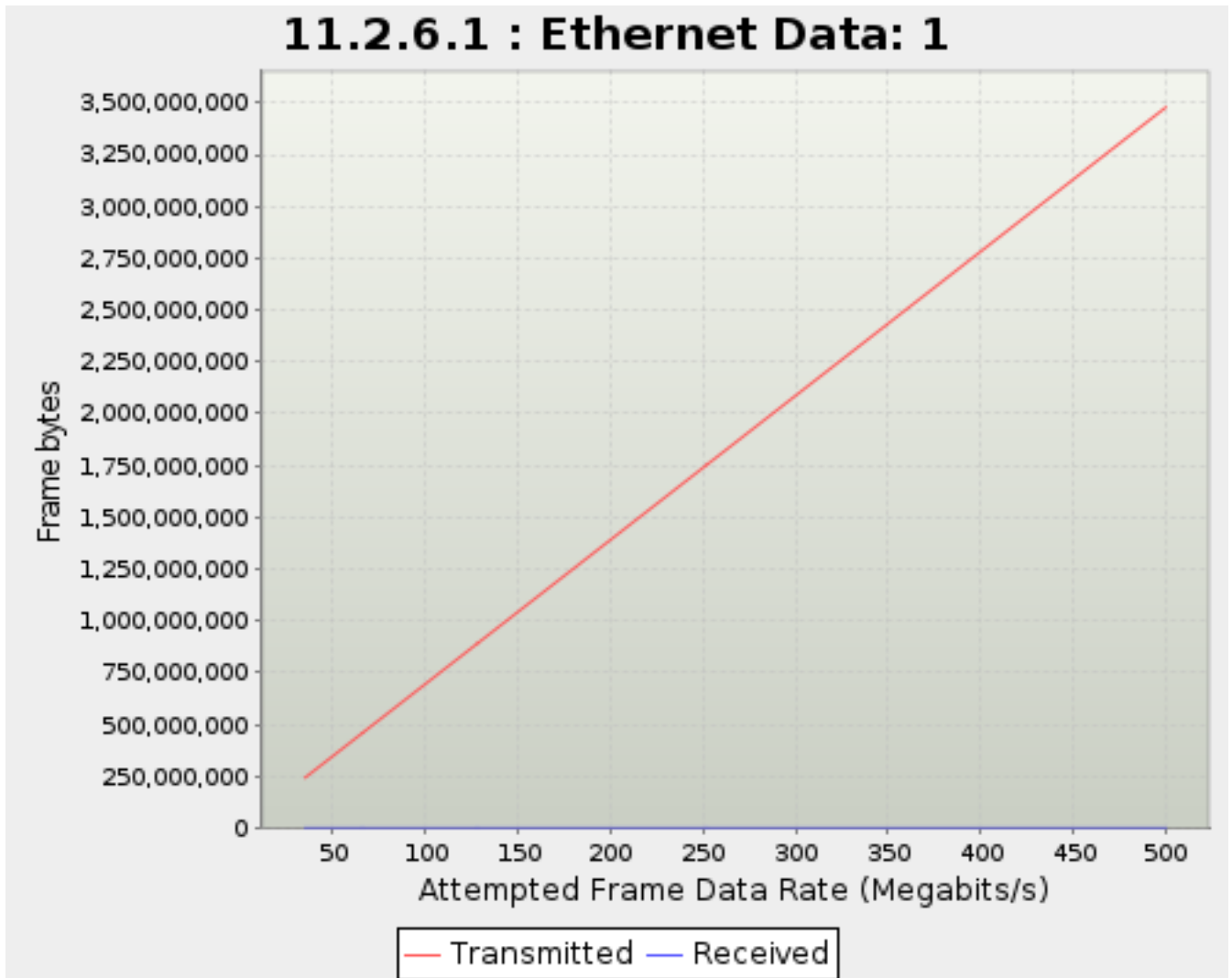
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	63.564	31.76	~16000
66	63.554	31.39	~30080
128	63.554	31.07	~58180
252	63.716	30.76	~82450
500	63.635	31.07	~105400

11.2.6. Ethernet Data



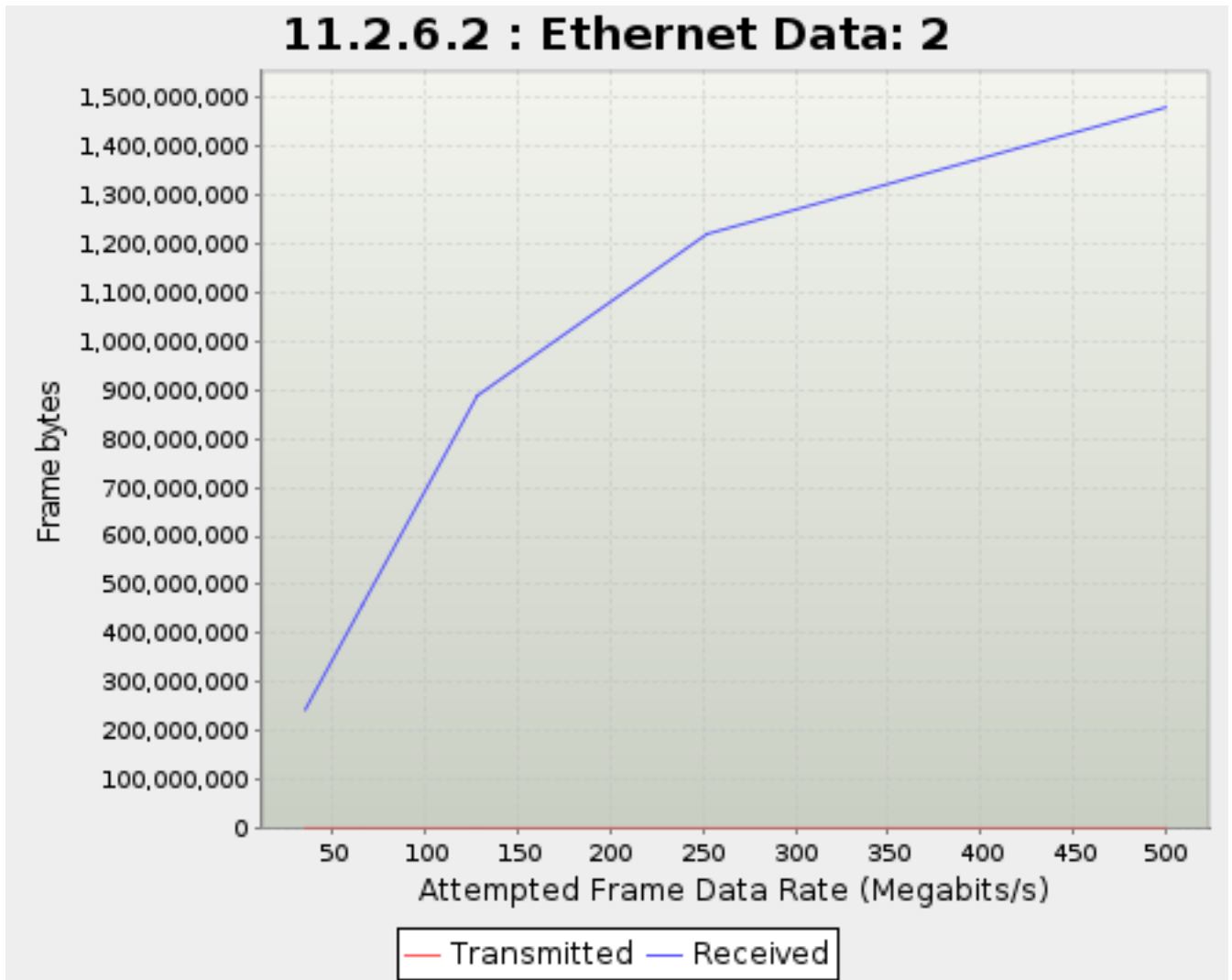
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.564	243,550,272	243,561,662 100.005%
66	63.554	459,201,984	459,213,070 100.002%
128	63.554	890,514,560	888,866,513 99.815%
252	63.716	1,753,109,696	1,220,863,615 69.640%
500	63.635	3,478,339,200	1,481,170,257 42.583%

11.2.6.1. Ethernet Data: 1



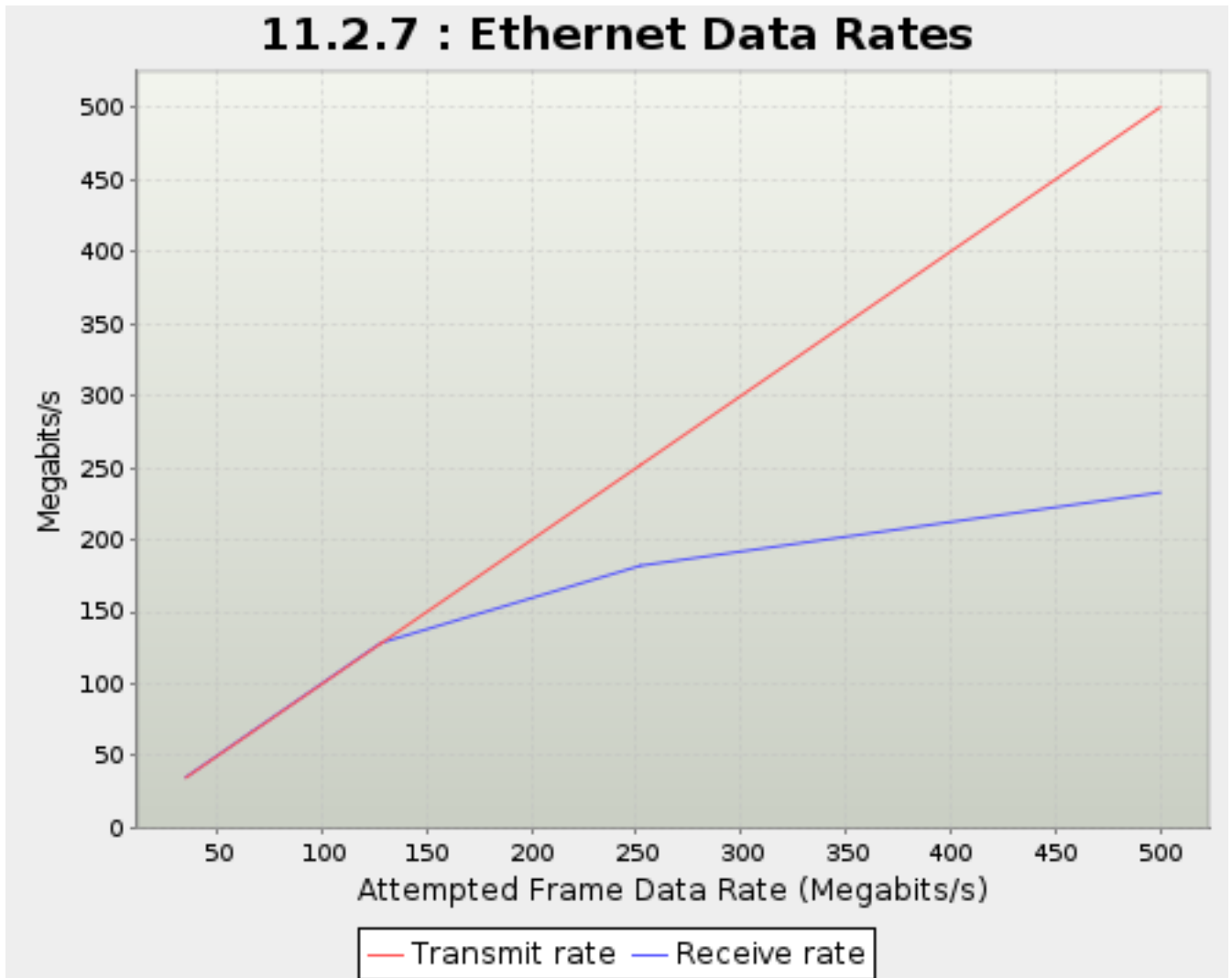
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.564	243,542,272	61,184 0.025%
66	63.554	459,197,760	62,528 0.014%
128	63.554	890,510,336	66,048 0.007%
252	63.716	1,753,101,824	50,432 0.003%
500	63.635	3,478,334,976	65,408 0.002%

11.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.564	8,000	243,500,478 3043755.975%
66	63.554	4,224	459,150,542 10870041.241%
128	63.554	4,224	888,800,465 21041677.675%
252	63.716	7,872	1,220,813,183 15508297.548%
500	63.635	4,224	1,481,104,849 35064035.251%

11.2.7. Ethernet Data Rates



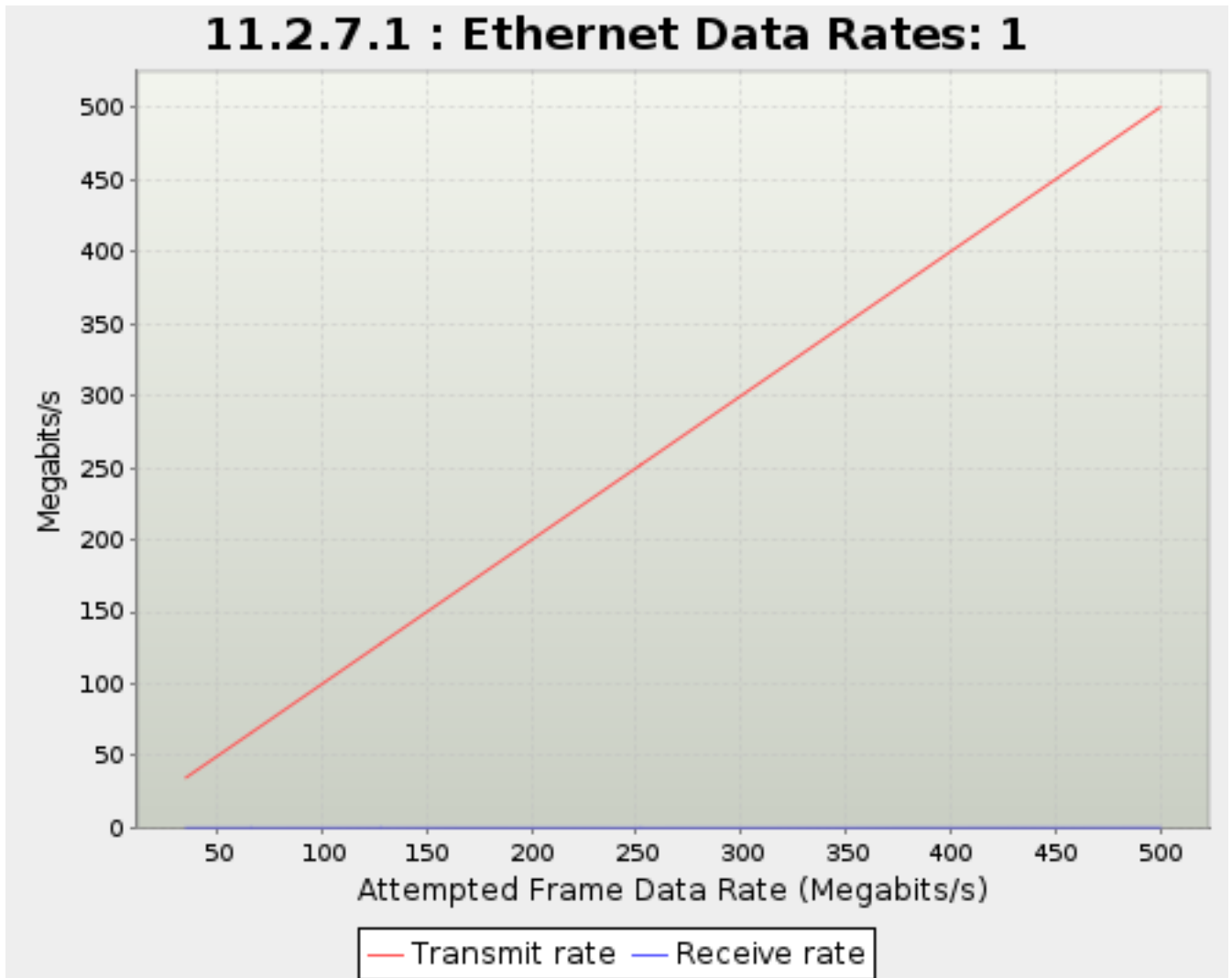
Data Rate shown includes Ethernet overhead.

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	63.564	35.07	35.37
66	63.554	66.06	66.46
128	63.554	128.1	128.5
252	63.716	~252	182.1
500	63.635	500.1	232.8

11.2.7.1. Ethernet Data Rates: 1



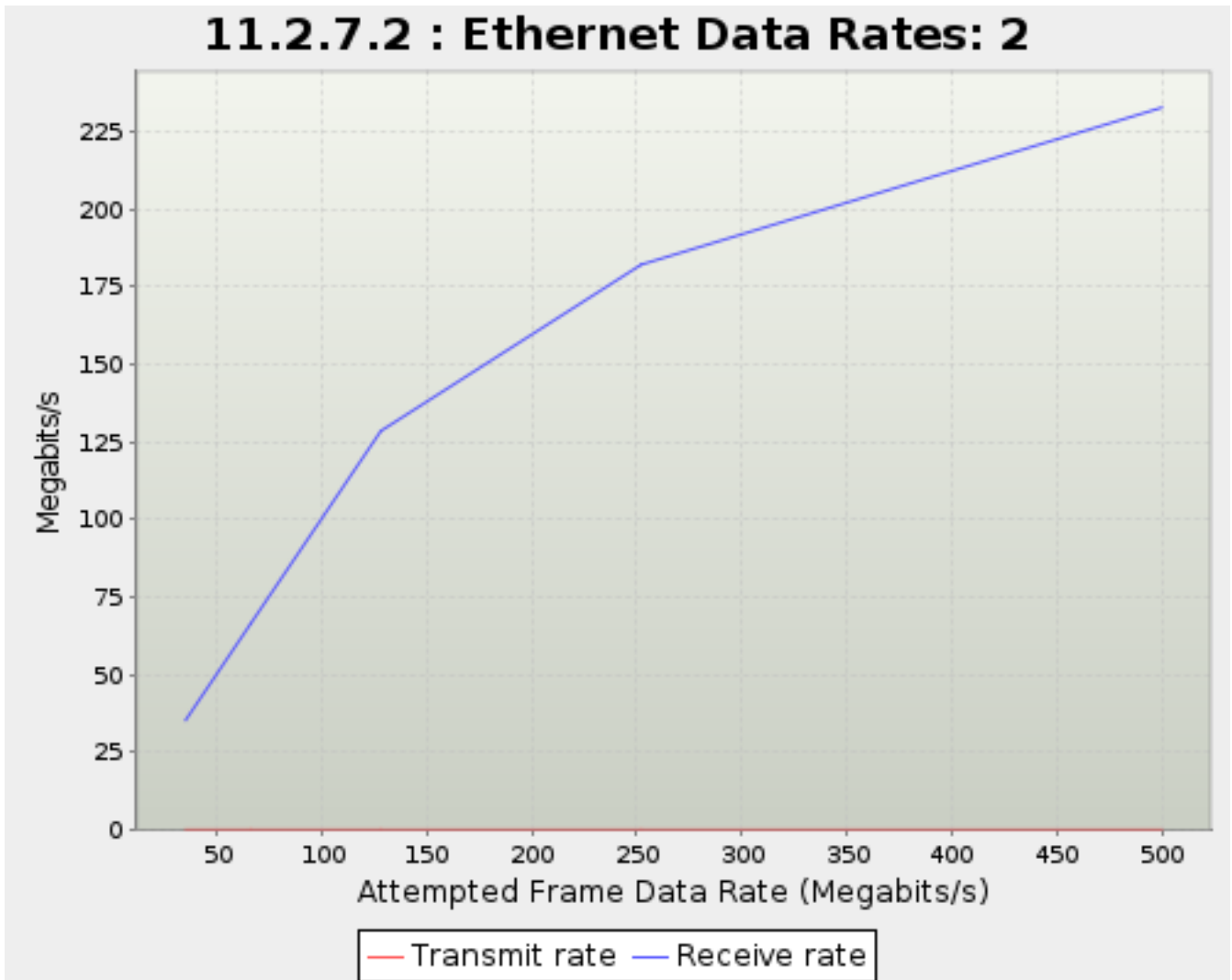
Data Rate shown includes Ethernet overhead.

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	63.564	35.05	0.04985
66	63.554	66.04	0.04042
128	63.554	128.1	0.06265
252	63.716	~252	0.02897
500	63.635	500.1	0.1191

11.2.7.2. Ethernet Data Rates: 2



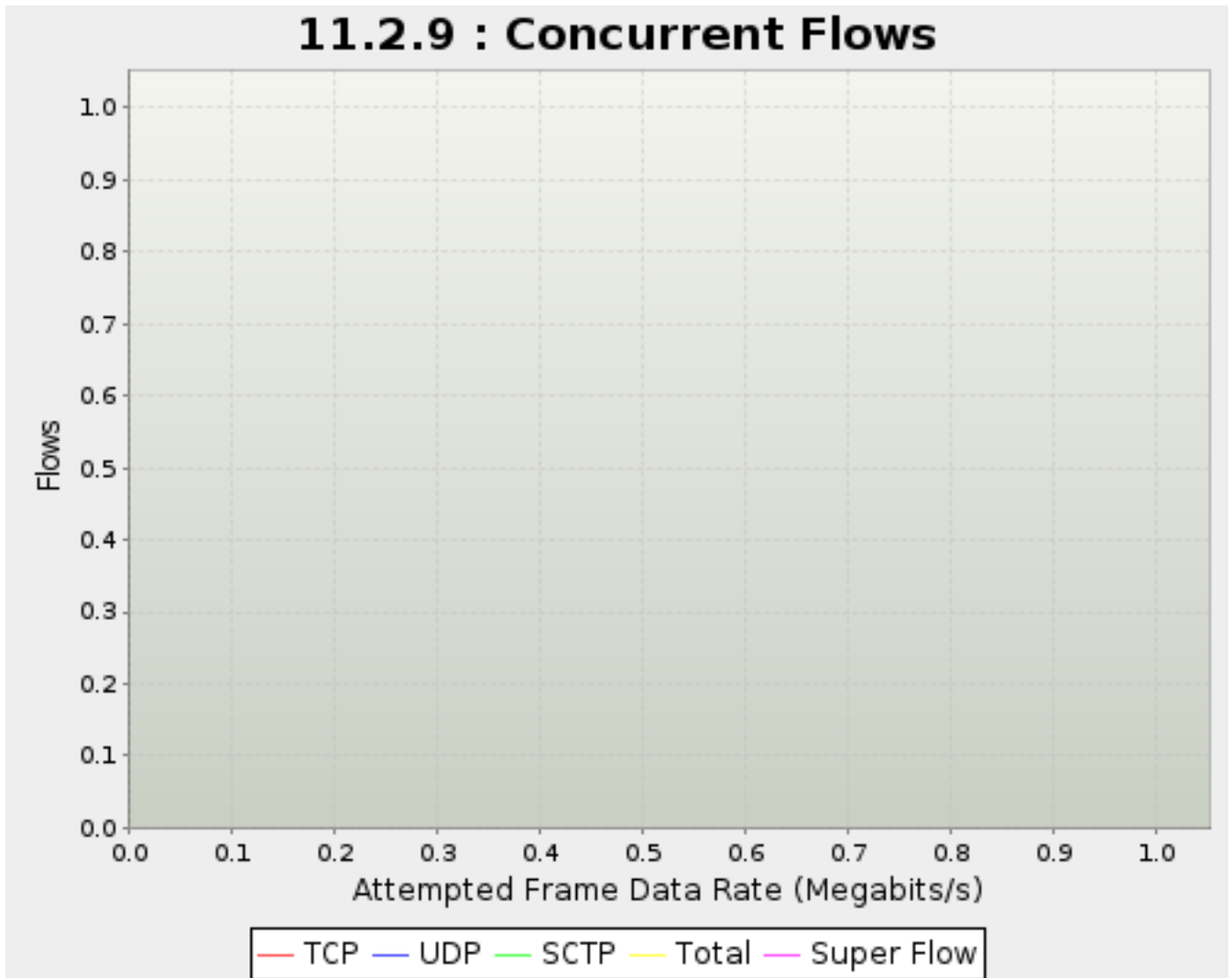
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

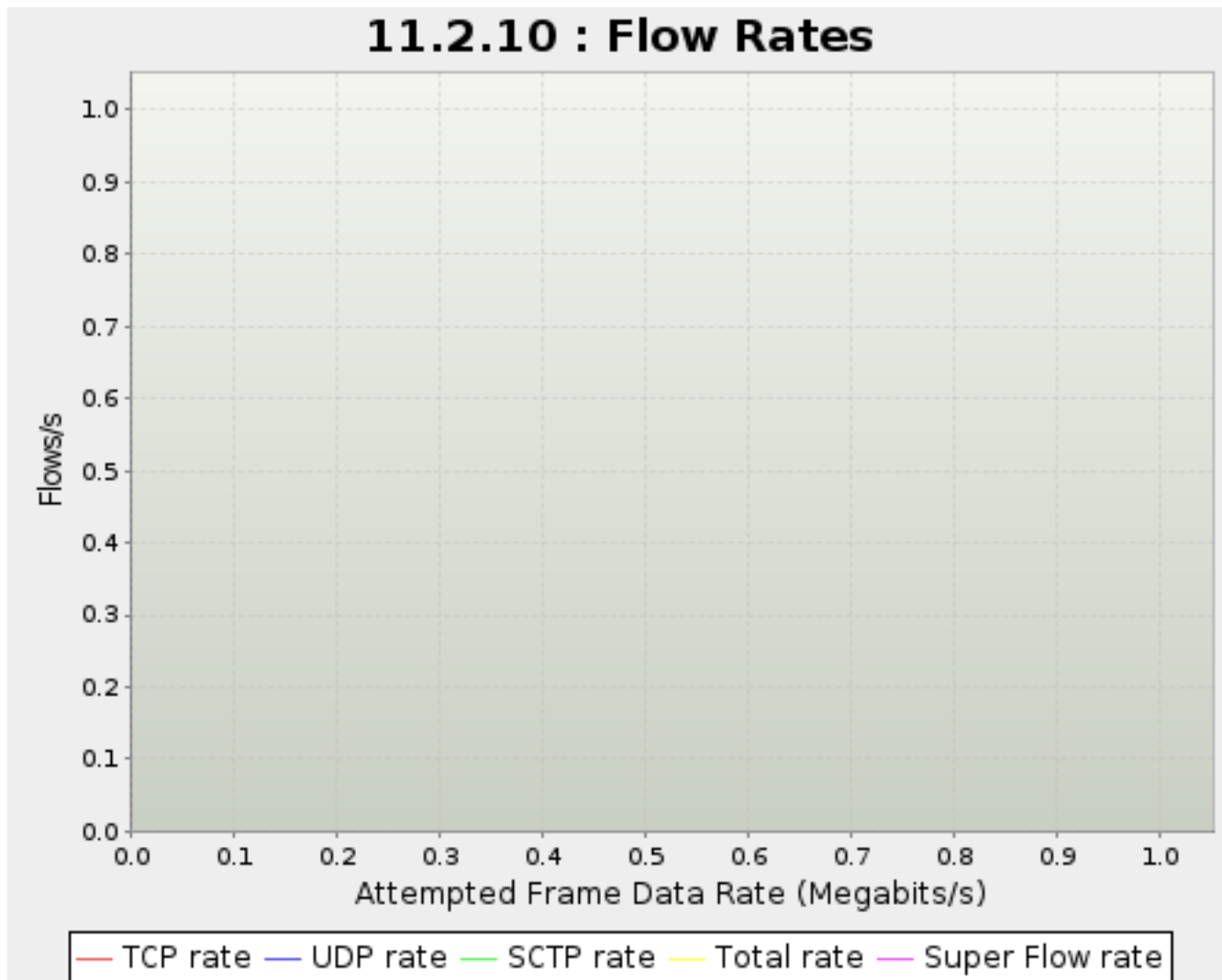
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	63.564	0.02134	35.32
66	63.554	0.02110	66.42
128	63.554	0.02088	128.5
252	63.716	0.02067	182.1
500	63.635	0.02088	232.7

11.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
35	63.121	0	0	0	0	0
66	63.132	0	0	0	0	0
128	63.117	0	0	0	0	0
252	63.254	0	0	0	0	0
500	63.143	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	63.121	0.00	0.00	0.00	0.00	0.00
66	63.132	0.00	0.00	0.00	0.00	0.00
128	63.117	0.00	0.00	0.00	0.00	0.00
252	63.254	0.00	0.00	0.00	0.00	0.00
500	63.143	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		10.201.0.0/16	10.201.0.254	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
66	0		10.201.0.0/16	10.201.0.254	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		10.201.0.0/16	10.201.0.254	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
500	0		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	0		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	0		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	63.567	6	6	1,029	971	0	58	0	0
66	63.558	6	6	990	929	0	61	0	0
128	63.560	6	6	1,045	988	0	57	0	0
252	63.721	6	6	896	877	0	19	0	0
500	63.633	6	6	1,097	1,029	0	68	0	0

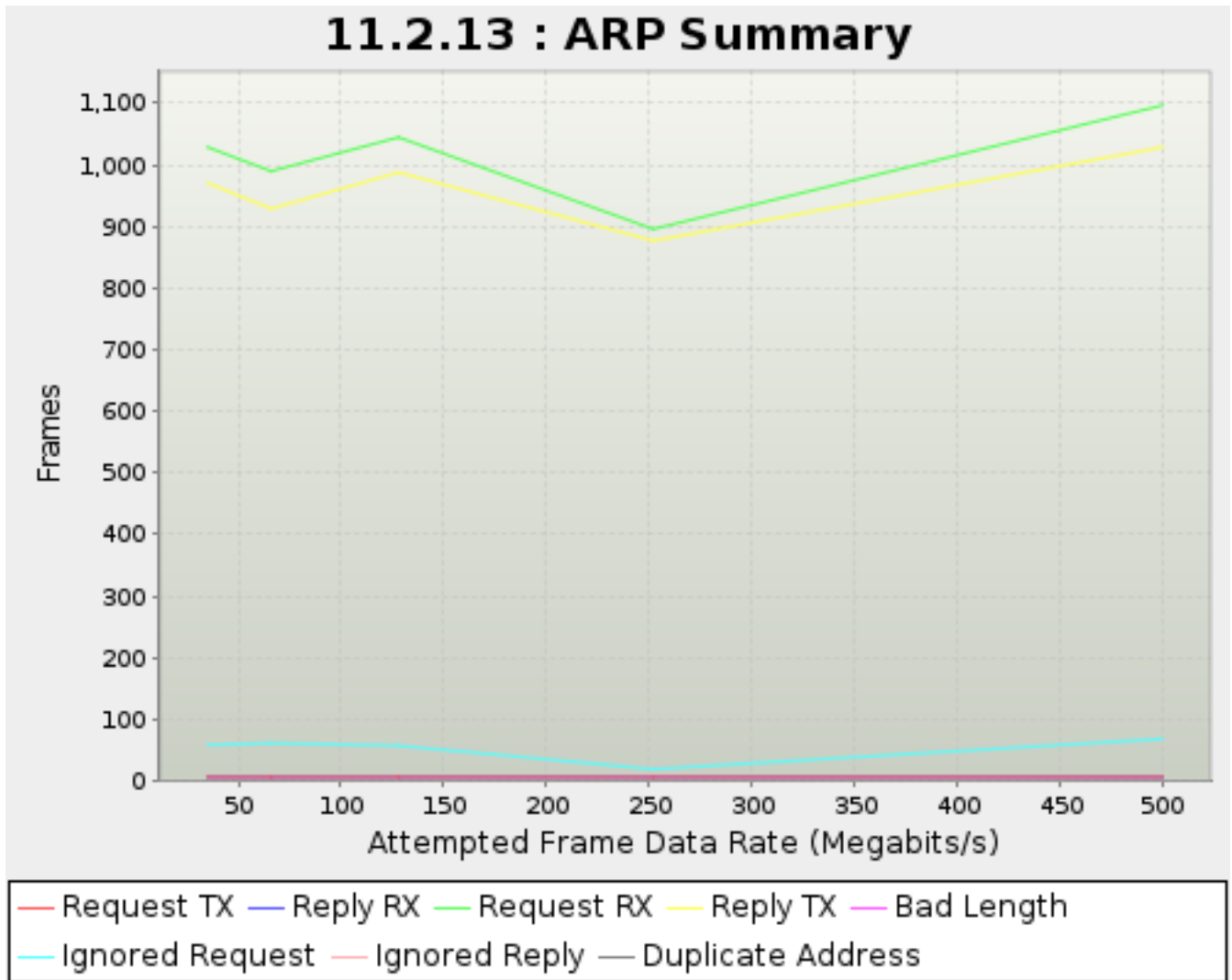
11.2.12.1. ARP: 1

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	63.567	3	3	891	849	0	42	0	0
66	63.558	3	3	912	866	0	46	0	0
128	63.560	3	3	967	925	0	42	0	0
252	63.721	3	3	761	757	0	4	0	0
500	63.633	3	3	1,019	966	0	53	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	63.567	3	3	138	122	0	16	0	0
66	63.558	3	3	78	63	0	15	0	0
128	63.560	3	3	78	63	0	15	0	0
252	63.721	3	3	135	120	0	15	0	0
500	63.633	3	3	78	63	0	15	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	1,029	971	0	58	0	0
66	6	6	990	929	0	61	0	0
128	6	6	1,045	988	0	57	0	0
252	6	6	896	877	0	19	0	0
500	6	6	1,097	1,029	0	68	0	0

11.2.16. Multicast Packets Discarded

Attempted Frame Data Rate	Timestamp <i>Seconds</i>	IP: Unsupported Protocol	IGMP: Invalid Query	IGMP: Invalid Length	IGMP: Invalid Checksum
252	63.721	0	0	0	0

11.2.17.1. 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>								
252	63.721	1	0	0	0	0	0	0	0	0

11.2.18. 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>						
252	63.721	0	0	0	0	0	0	0

11.2.18.1. 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>						
252	63.721	0	0	0	0	0	0	0

11.2.19. Multicast Packet Summary

Attempted Frame Data Rate	Discard IP: Unsupported Protocol	Discard Invalid Query	Discard Invalid Length	Discard 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 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>																			
252	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

11.2.20. Slot 1 NP np1-0 statistics

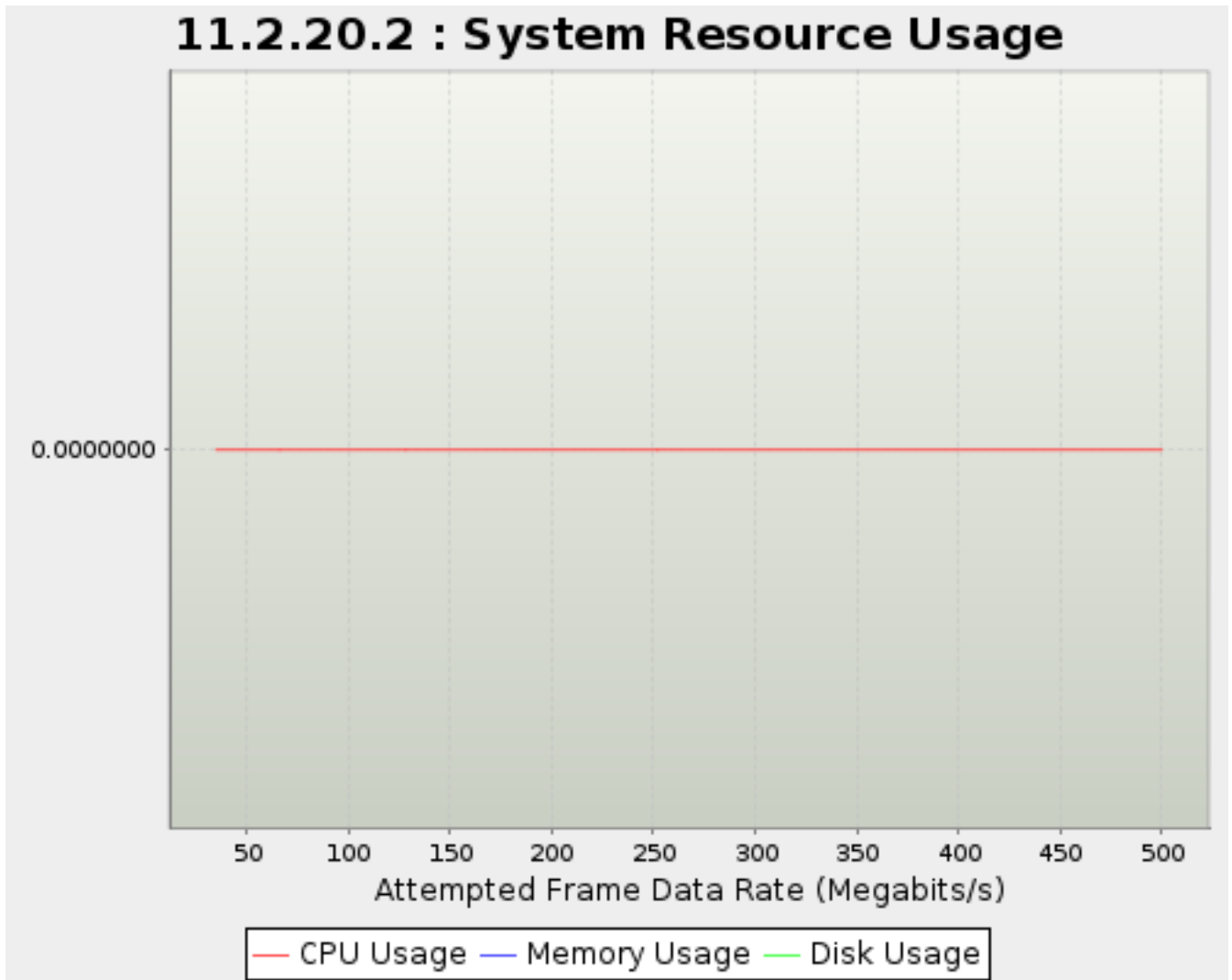
11.2.20.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

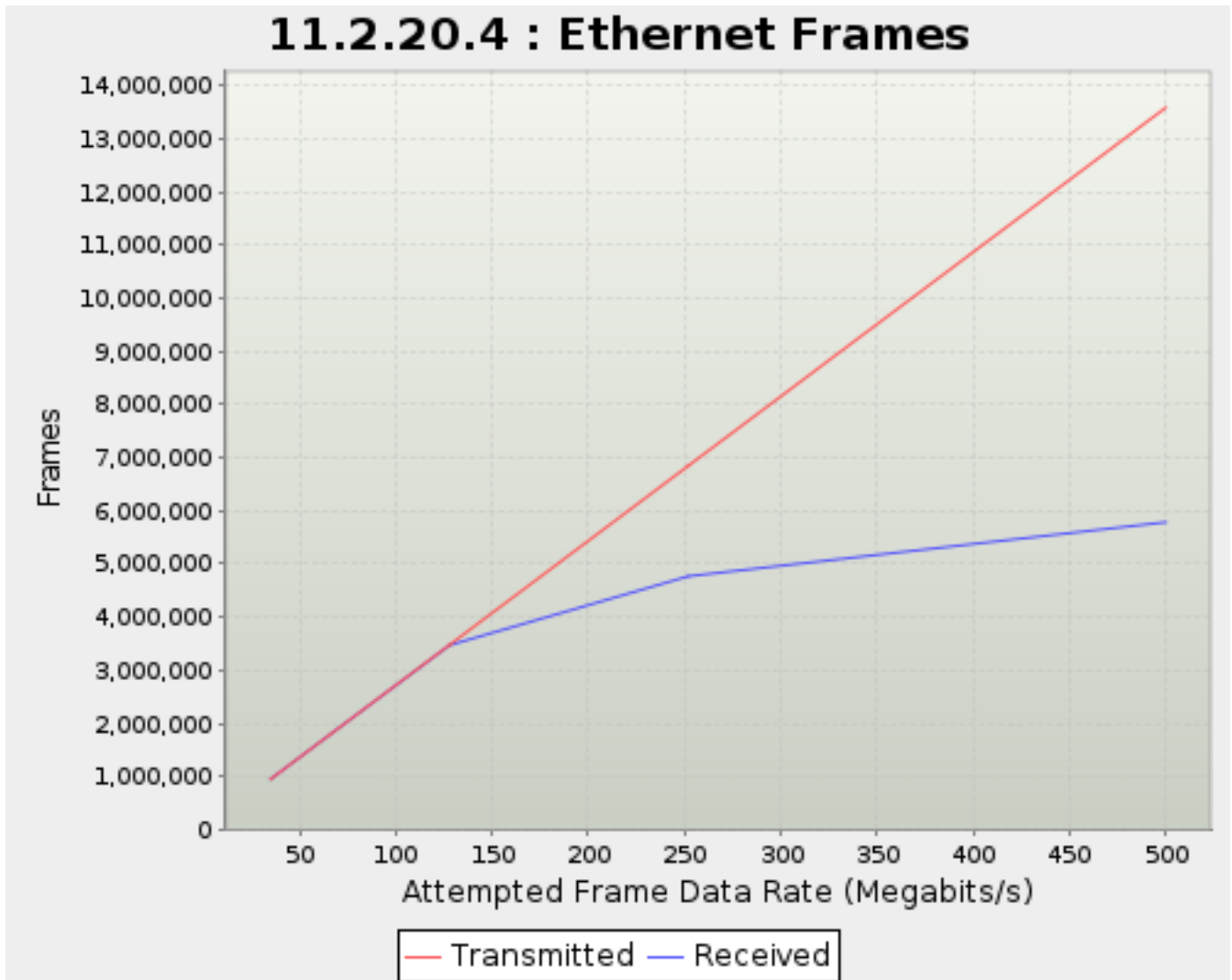
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0

11.2.20.2. System Resource Usage



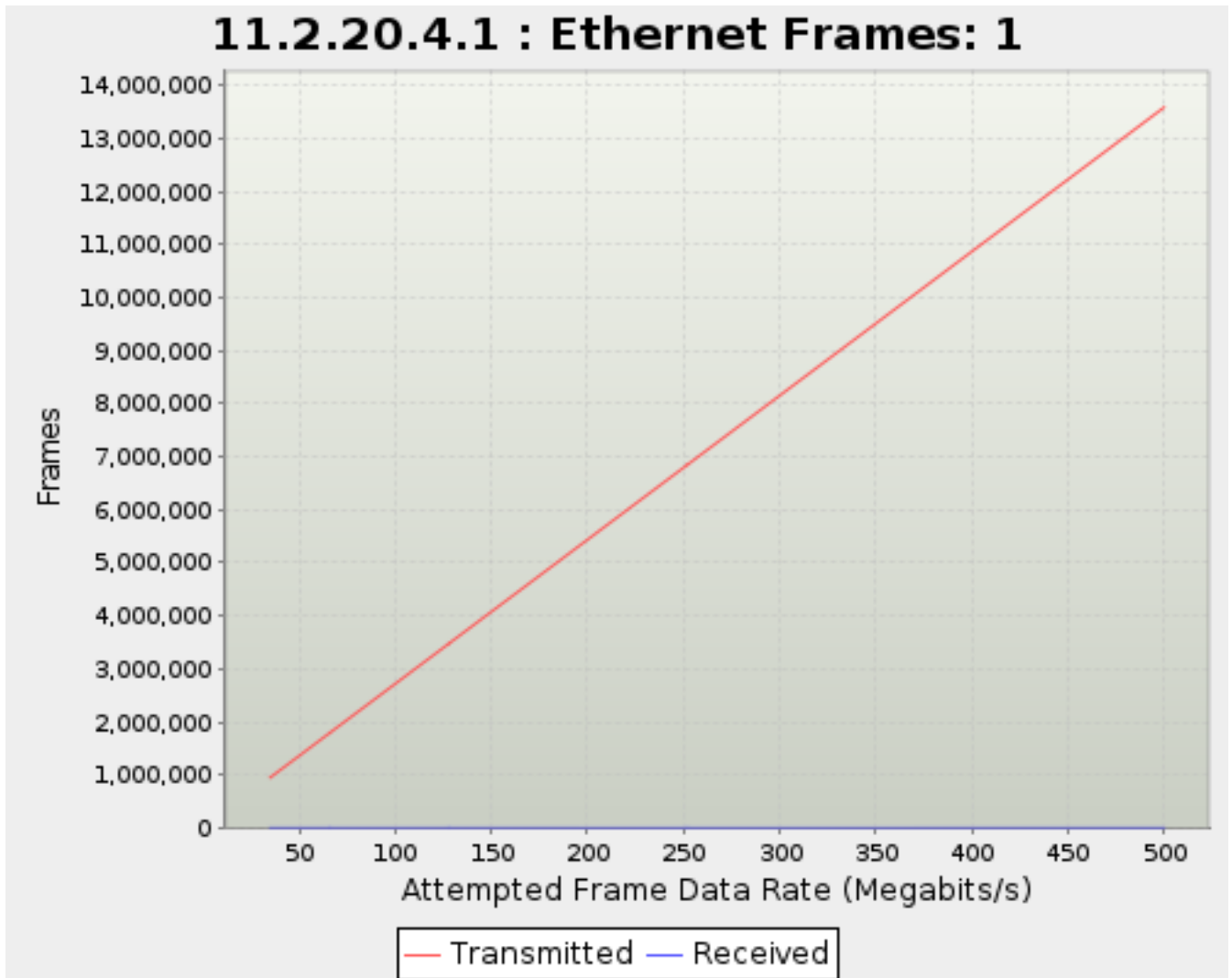
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
35	63.567	0	0	0
66	63.558	0	0	0
128	63.560	0	0	0
252	63.721	0	0	0
500	63.633	0	0	0

11.2.20.4. Ethernet Frames



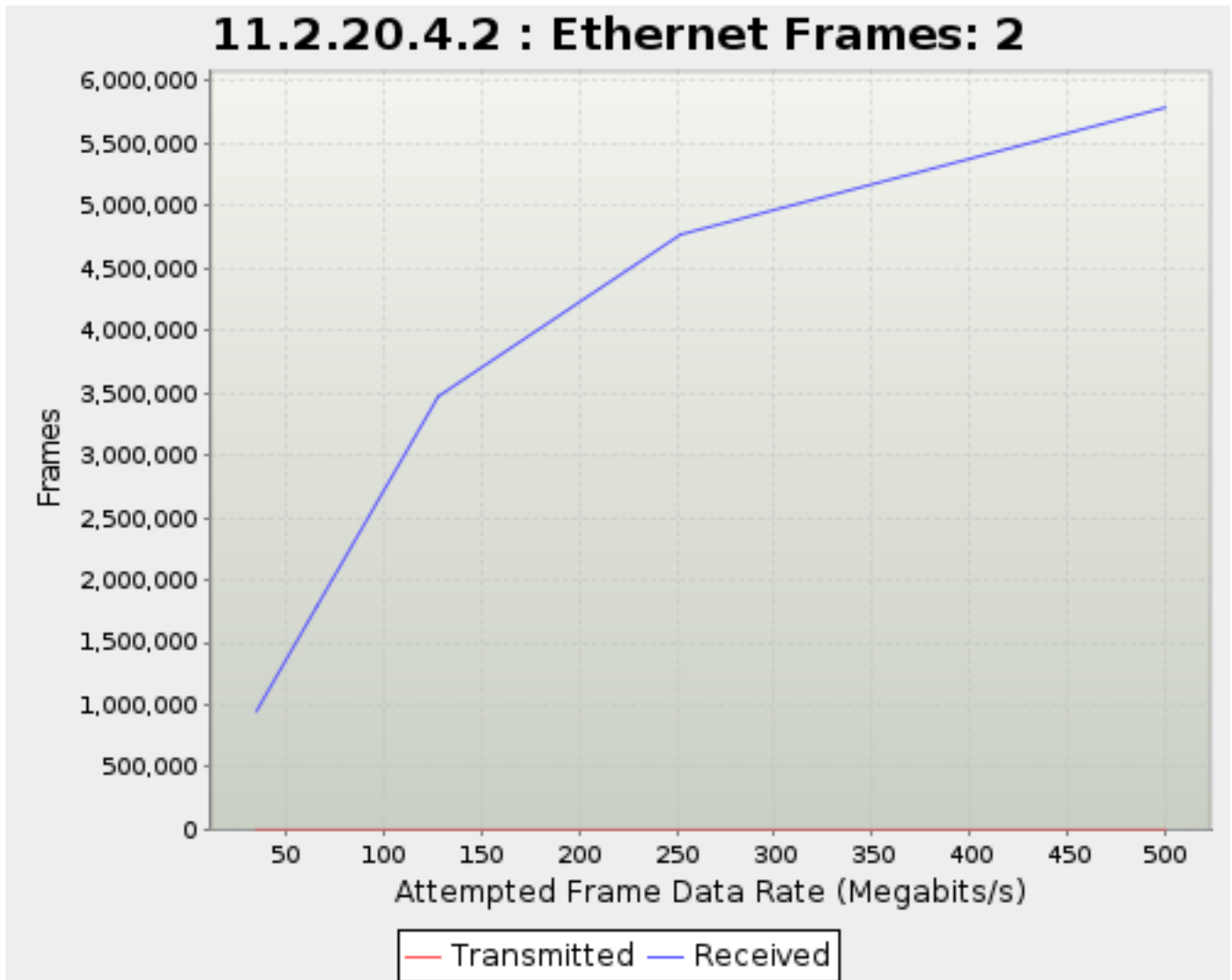
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.564	952,101	952,273 100.018%
66	63.554	1,794,459	1,794,632 100.010%
128	63.554	3,479,318	3,473,008 99.819%
252	63.716	6,848,747	4,769,732 69.644%
500	63.635	13,588,039	5,786,687 42.587%

11.2.20.4.1. Ethernet Frames: 1



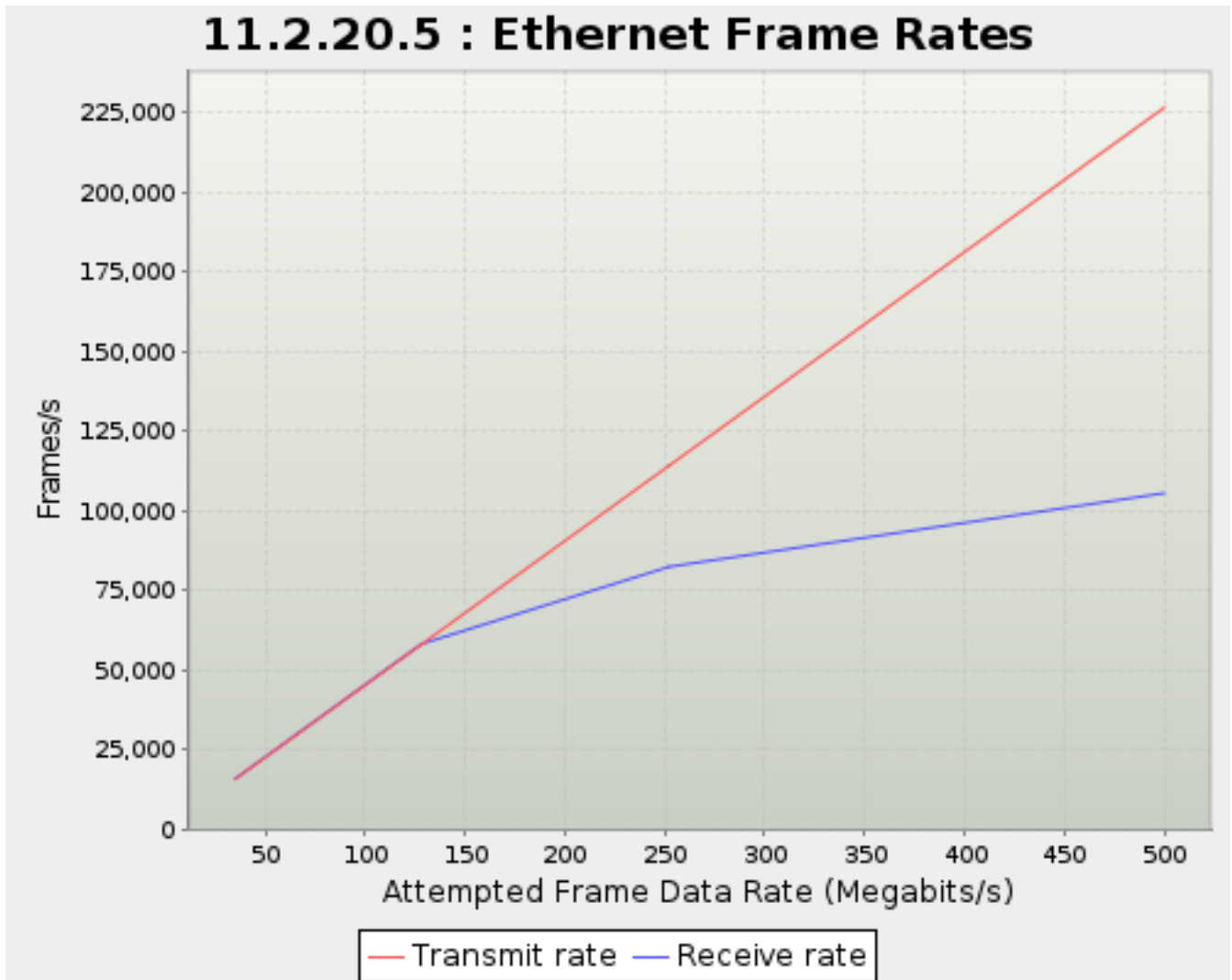
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.564	951,976	956 0.100%
66	63.554	1,794,393	977 0.054%
128	63.554	3,479,252	1,032 0.030%
252	63.716	6,848,624	788 0.012%
500	63.635	13,587,973	1,022 0.008%

11.2.20.4.2. Ethernet Frames: 2



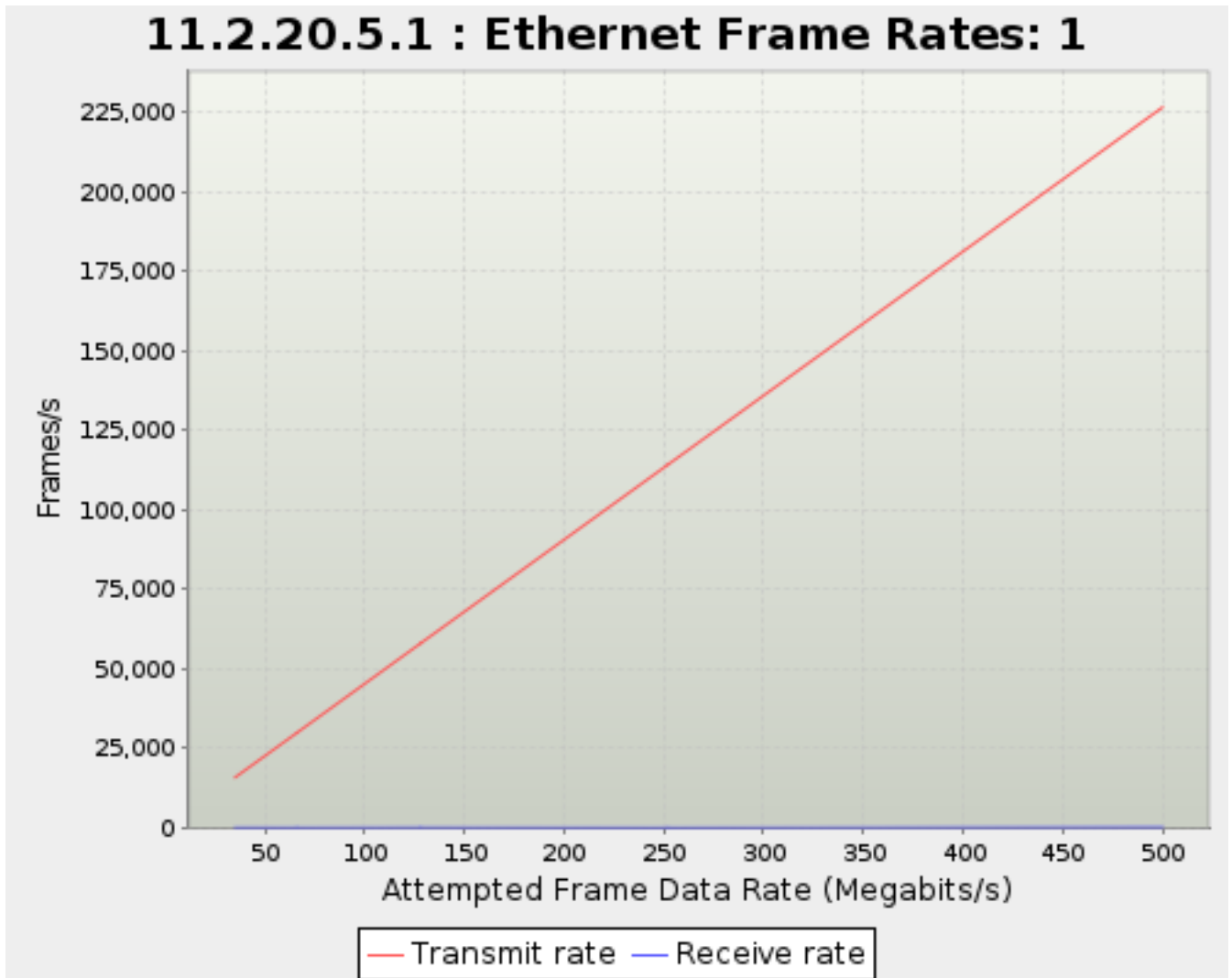
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
35	63.564	125	951,317 761053.600%
66	63.554	66	1,793,655 2717659.091%
128	63.554	66	3,471,976 5260569.697%
252	63.716	123	4,768,944 3877190.244%
500	63.635	66	5,785,665 8766159.091%

11.2.20.5. Ethernet Frame Rates



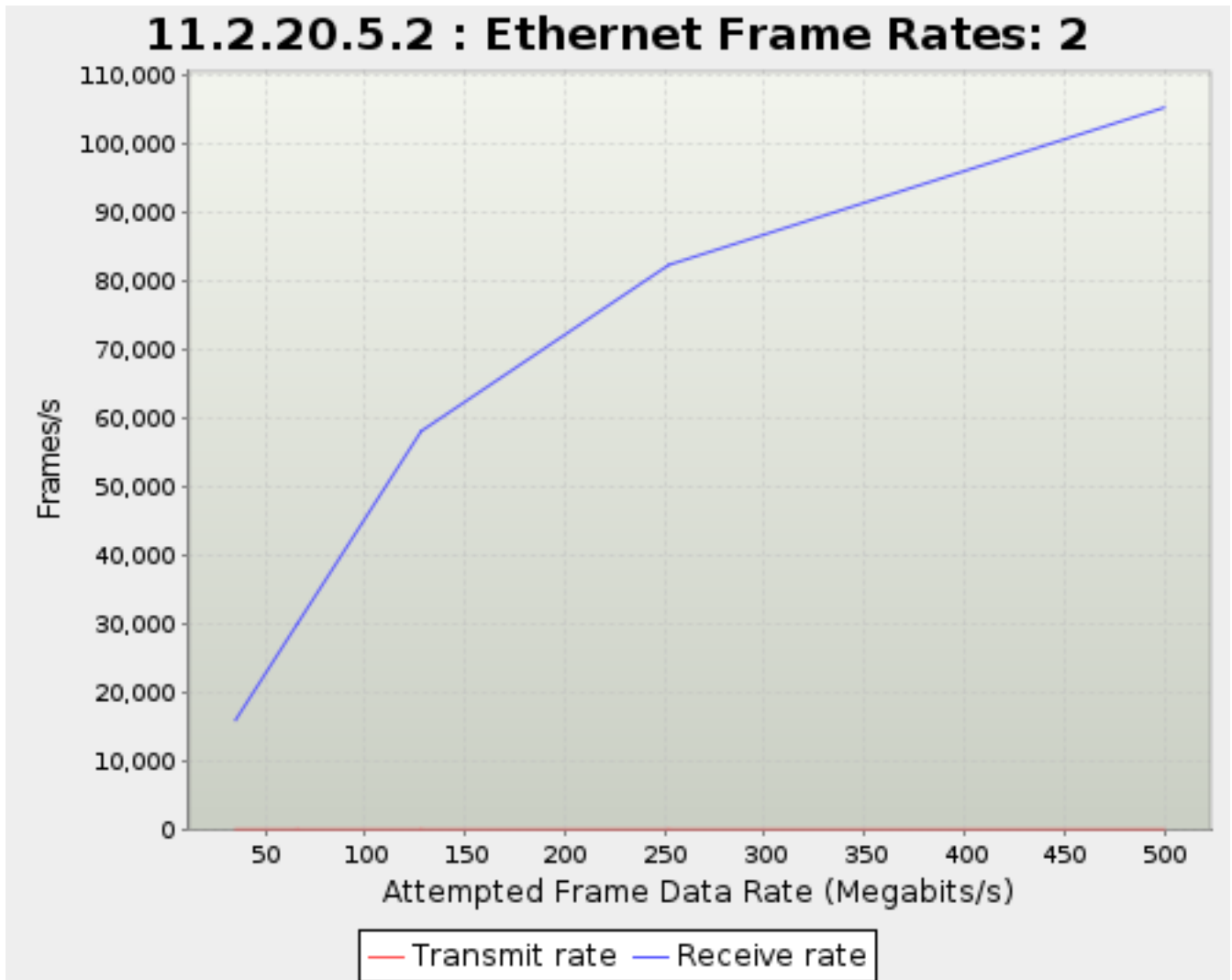
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	63.564	~15960	~16070
66	63.554	~29980	~30140
128	63.554	~58100	~58270
252	63.716	~114200	~82500
500	63.635	~226600	~105600

11.2.20.5.1. Ethernet Frame Rates: 1



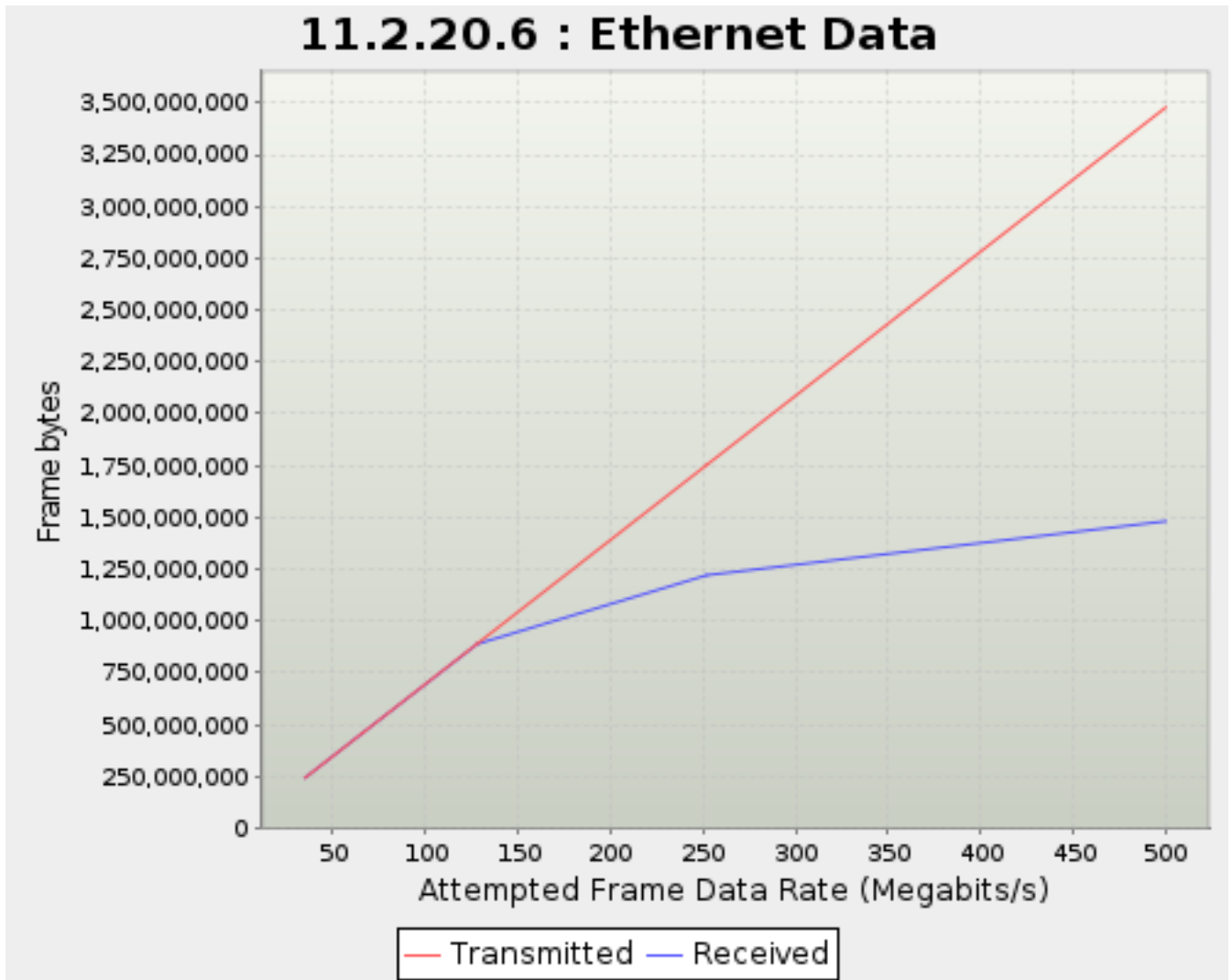
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
35	63.564	~15930	74.18
66	63.554	~29950	60.14
128	63.554	~58060	93.22
252	63.716	~114200	43.10
500	63.635	~226500	177.2

11.2.20.5.2. Ethernet Frame Rates: 2



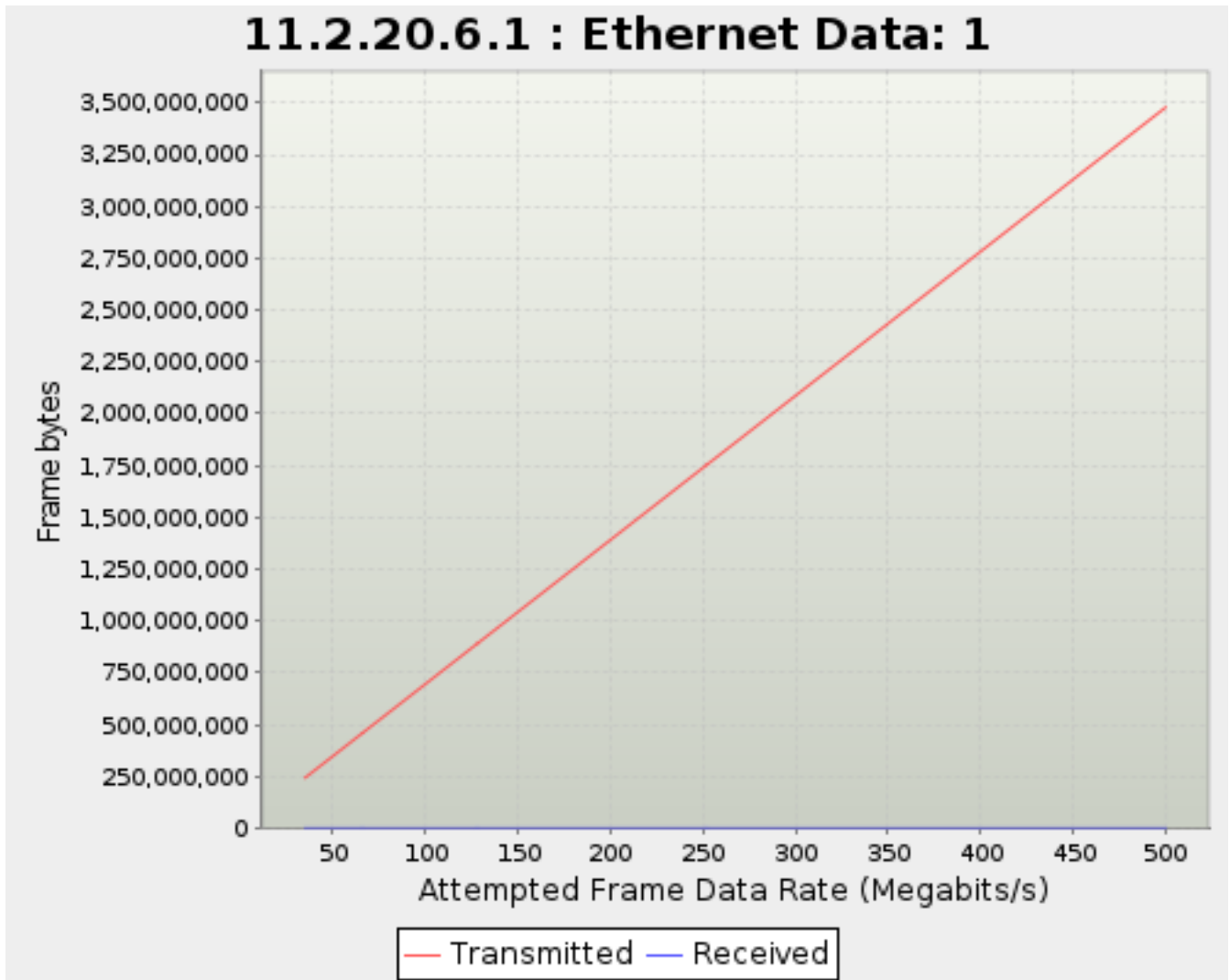
Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
35	63.564	31.76	~16000
66	63.554	31.39	~30080
128	63.554	31.07	~58180
252	63.716	30.76	~82450
500	63.635	31.07	~105400

11.2.20.6. Ethernet Data



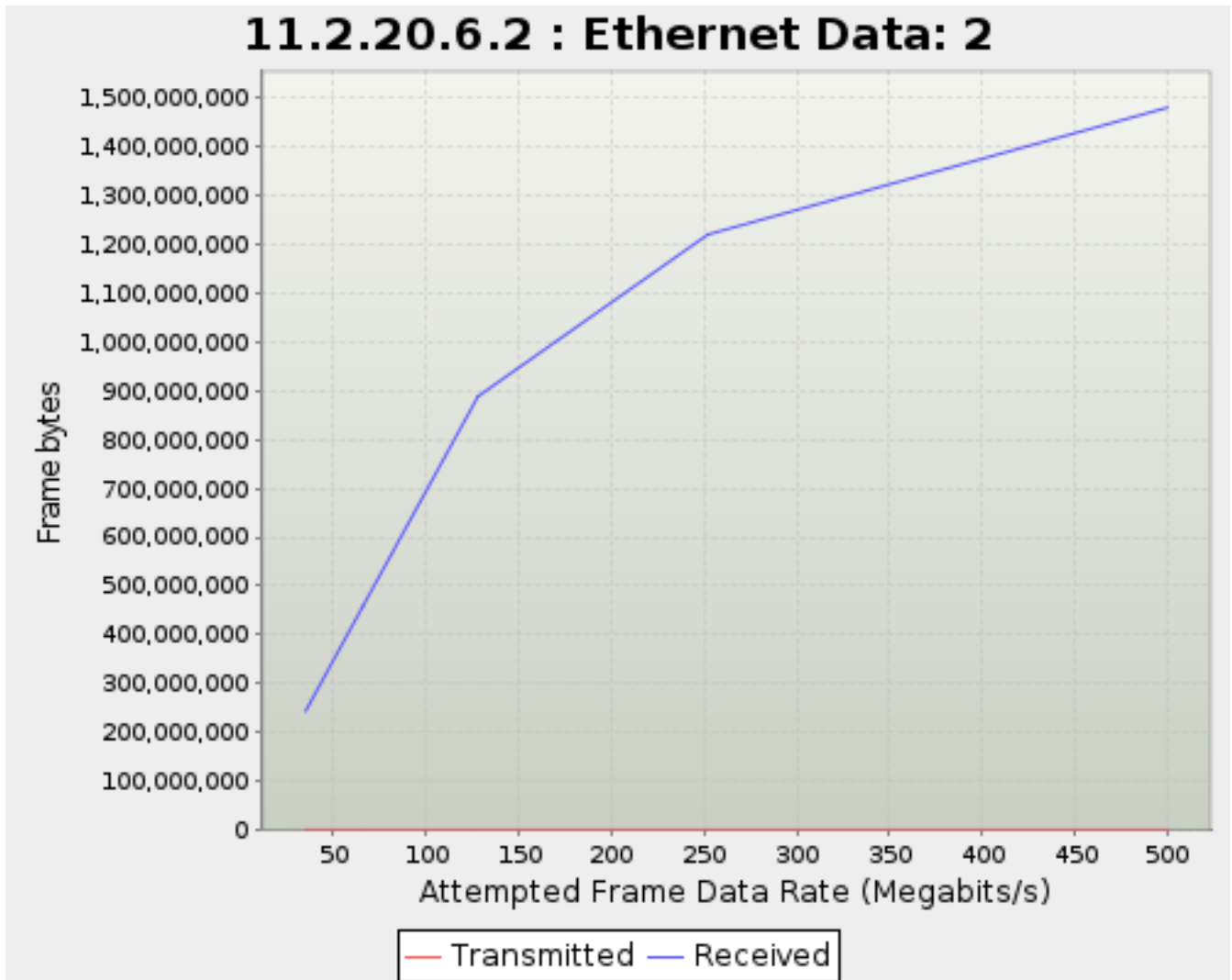
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.564	243,550,272	243,561,662 100.005%
66	63.554	459,201,984	459,213,070 100.002%
128	63.554	890,514,560	888,866,513 99.815%
252	63.716	1,753,109,696	1,220,863,615 69.640%
500	63.635	3,478,339,200	1,481,170,257 42.583%

11.2.20.6.1. Ethernet Data: 1



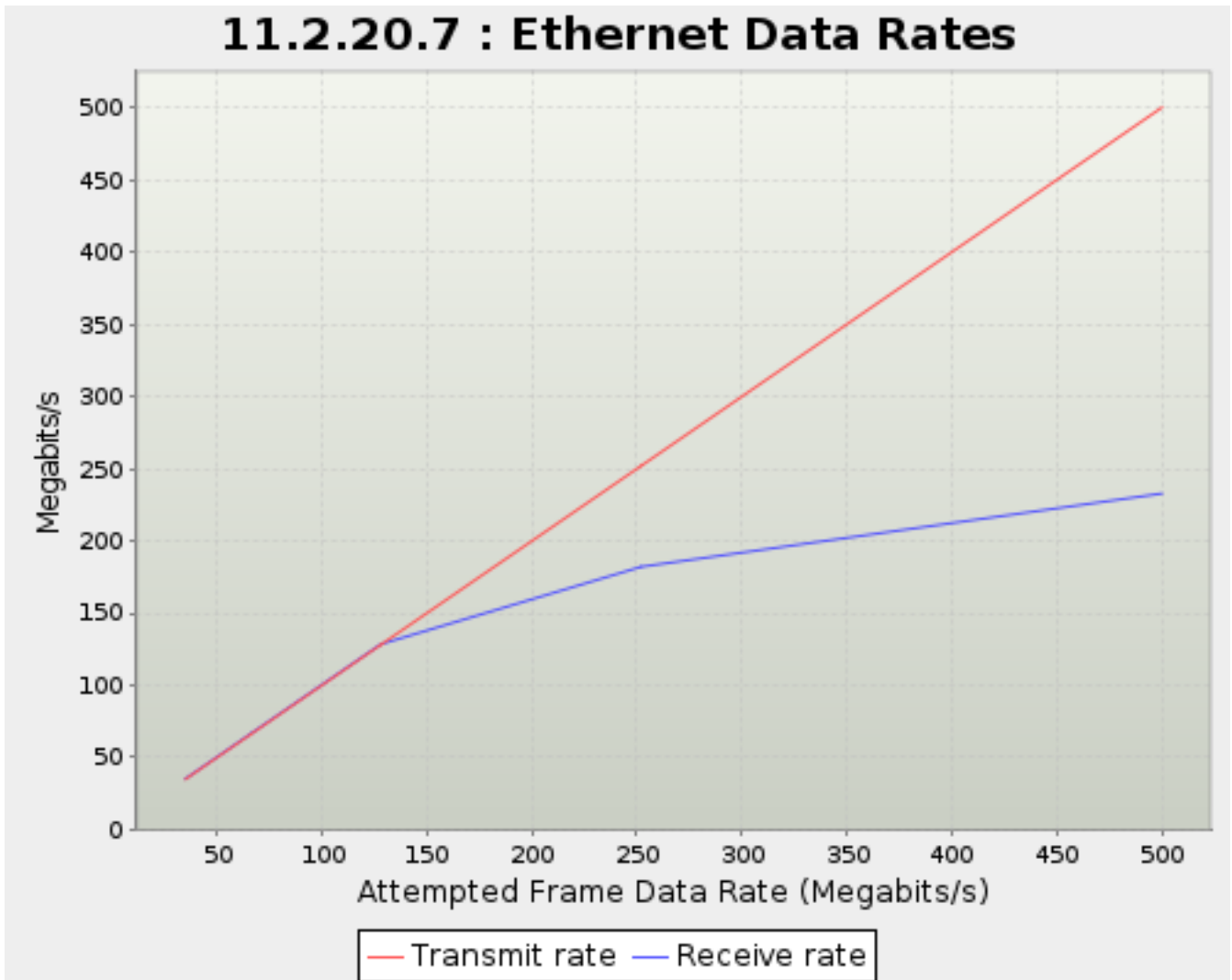
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.564	243,542,272	61,184 0.025%
66	63.554	459,197,760	62,528 0.014%
128	63.554	890,510,336	66,048 0.007%
252	63.716	1,753,101,824	50,432 0.003%
500	63.635	3,478,334,976	65,408 0.002%

11.2.20.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
35	63.564	8,000	243,500,478 3043755.975%
66	63.554	4,224	459,150,542 10870041.241%
128	63.554	4,224	888,800,465 21041677.675%
252	63.716	7,872	1,220,813,183 15508297.548%
500	63.635	4,224	1,481,104,849 35064035.251%

11.2.20.7. Ethernet Data Rates



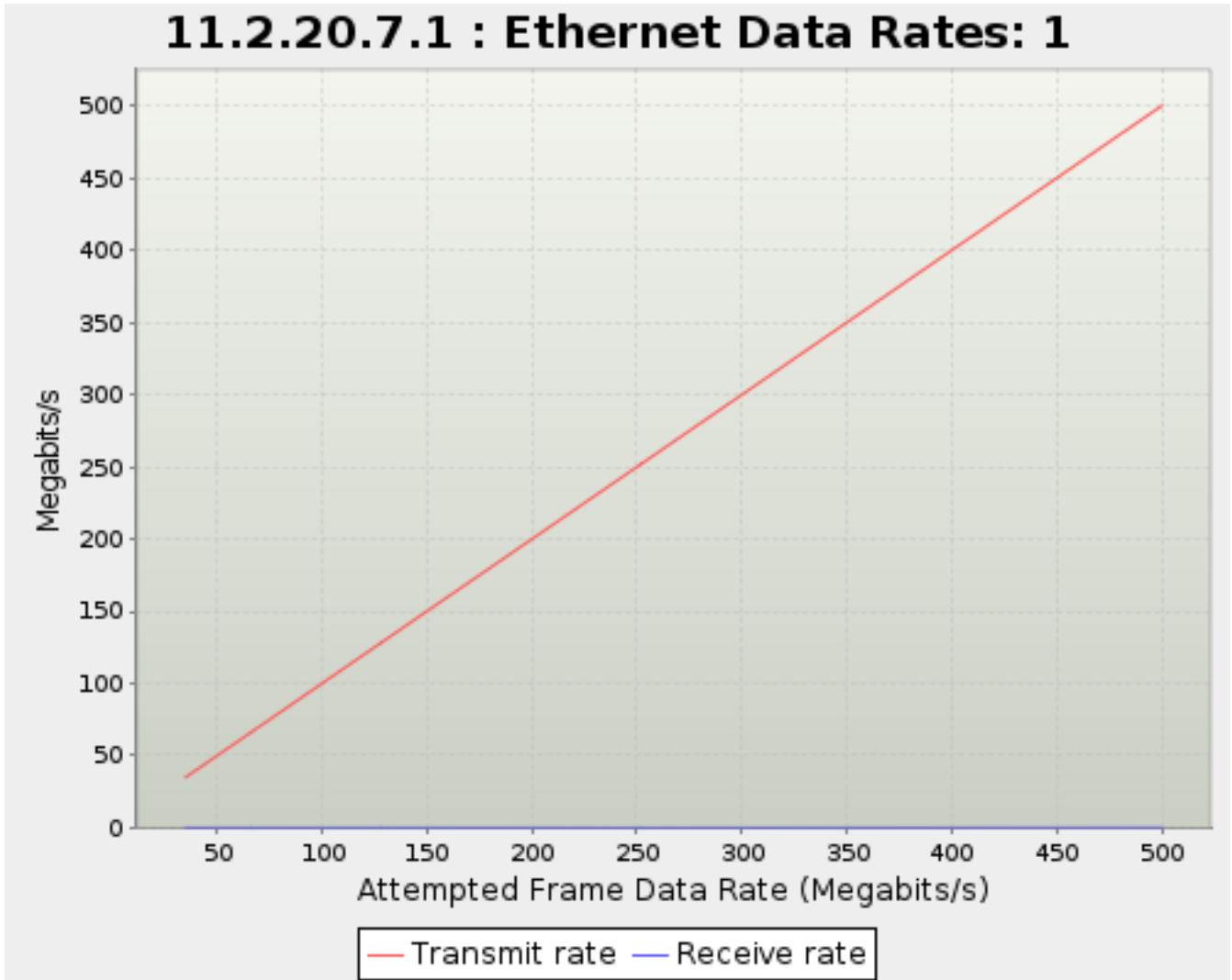
Data Rate shown includes Ethernet overhead.

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>
35	63.564	35.07	35.37
66	63.554	66.06	66.46
128	63.554	128.1	128.5
252	63.716	~252	182.1
500	63.635	500.1	232.8

11.2.20.7.1. Ethernet Data Rates: 1



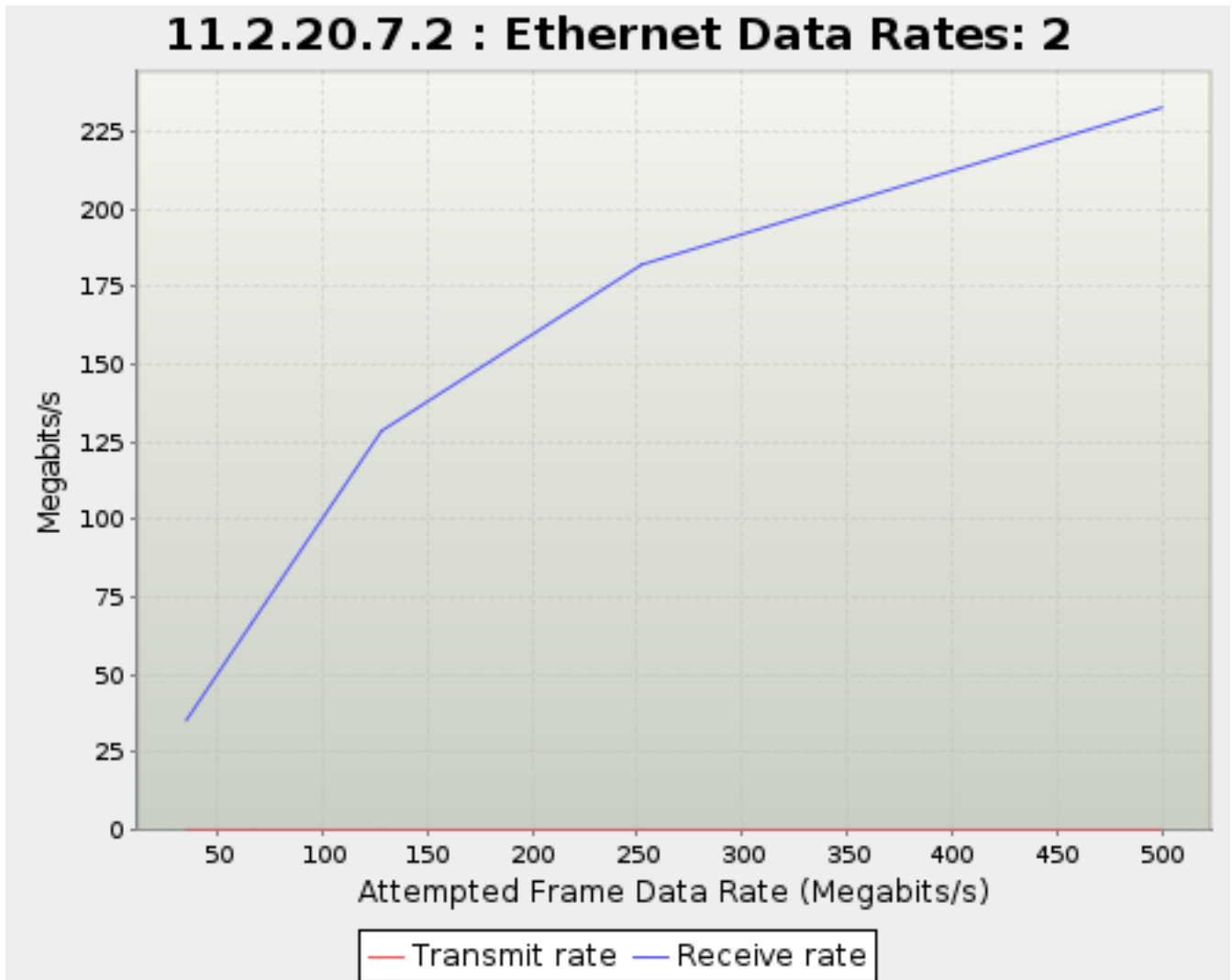
Data Rate shown includes Ethernet overhead.

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>
35	63.564	35.05	0.04985
66	63.554	66.04	0.04042
128	63.554	128.1	0.06265
252	63.716	~252	0.02897
500	63.635	500.1	0.1191

11.2.20.7.2. Ethernet Data Rates: 2



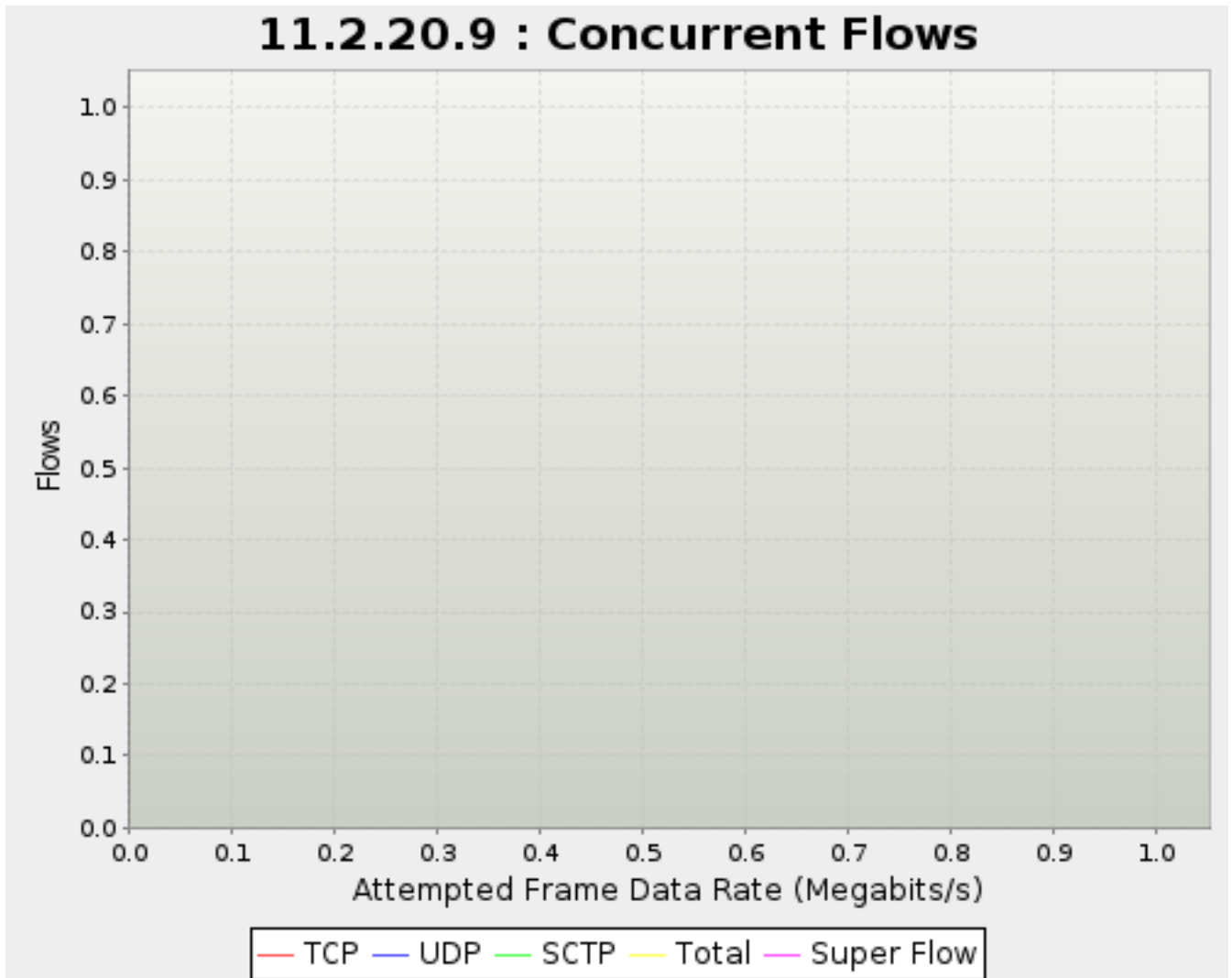
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

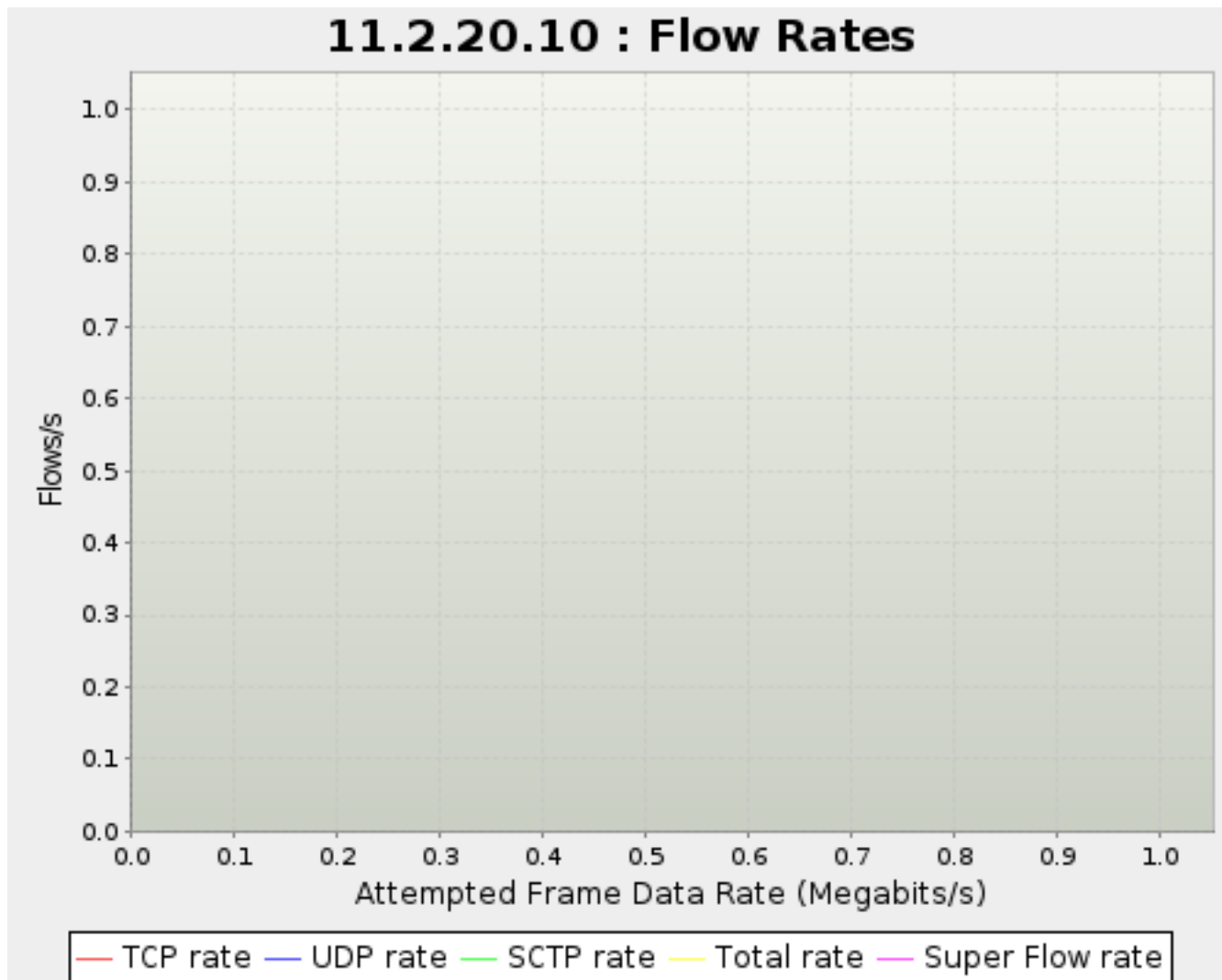
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
35	63.564	0.02134	35.32
66	63.554	0.02110	66.42
128	63.554	0.02088	128.5
252	63.716	0.02067	182.1
500	63.635	0.02088	232.7

11.2.20.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
35	63.121	0	0	0	0	0
66	63.132	0	0	0	0	0
128	63.117	0	0	0	0	0
252	63.254	0	0	0	0	0
500	63.143	0	0	0	0	0

11.2.20.10. 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>				
35	63.121	0.00	0.00	0.00	0.00	0.00
66	63.132	0.00	0.00	0.00	0.00	0.00
128	63.117	0.00	0.00	0.00	0.00	0.00
252	63.254	0.00	0.00	0.00	0.00	0.00
500	63.143	0.00	0.00	0.00	0.00	0.00

11.2.20.11. Gateway Status

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
35	0		192.168.0.0/16	192.168.0.1	up
66	0		192.168.0.0/16	192.168.0.1	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
128	0		192.168.0.0/16	192.168.0.1	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		192.168.0.0/16	192.168.0.1	up
500	0		10.201.0.0/16	10.201.0.254	up

11.2.20.11.1. Gateway Status: 1

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

11.2.20.11.2. Gateway Status: 2

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

11.2.20.12. 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>							
35	63.567	6	6	1,029	971	0	58	0	0
66	63.558	6	6	990	929	0	61	0	0
128	63.560	6	6	1,045	988	0	57	0	0
252	63.721	6	6	896	877	0	19	0	0
500	63.633	6	6	1,097	1,029	0	68	0	0

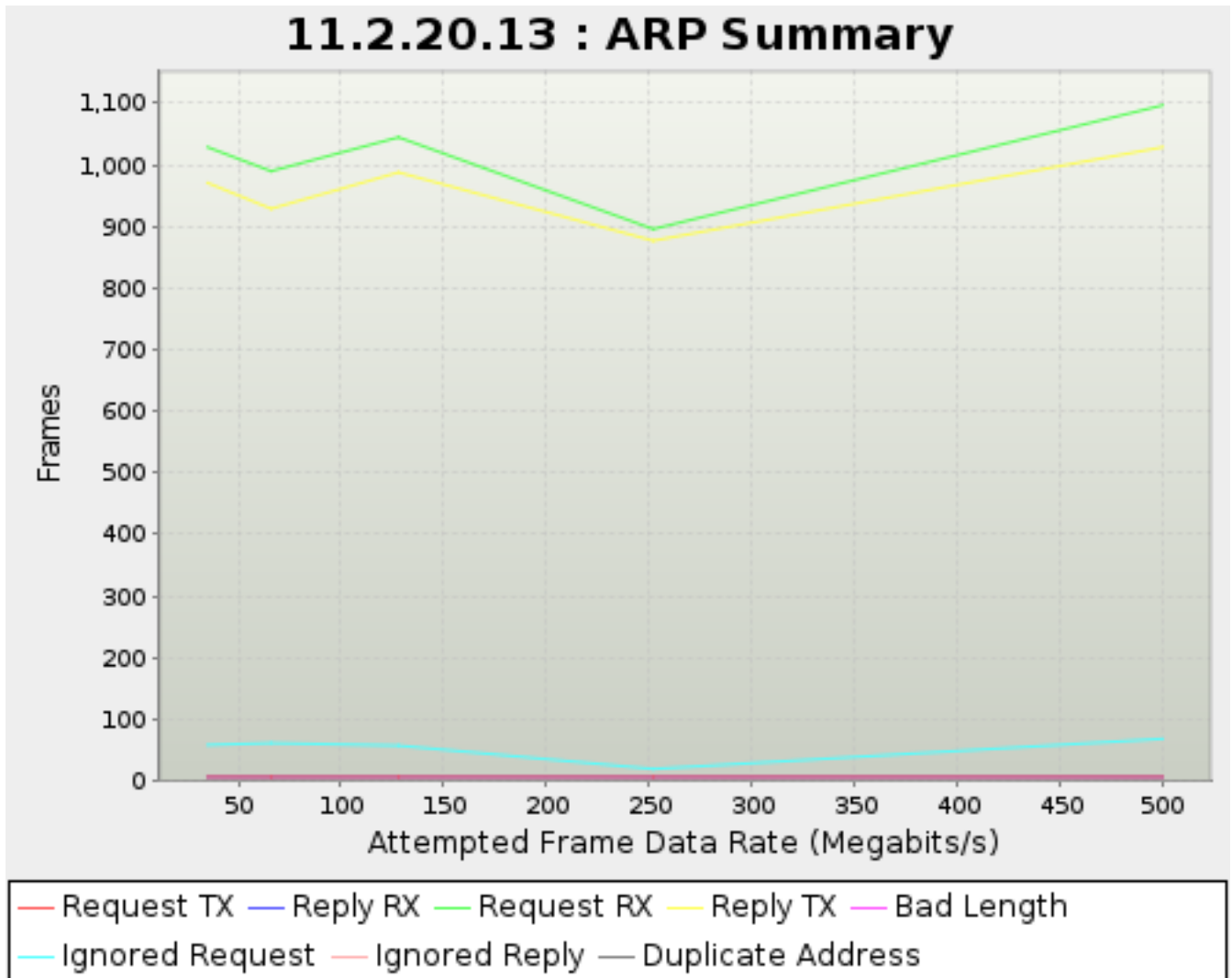
11.2.20.12.1. ARP: 1

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>							
35	63.567	3	3	891	849	0	42	0	0
66	63.558	3	3	912	866	0	46	0	0
128	63.560	3	3	967	925	0	42	0	0
252	63.721	3	3	761	757	0	4	0	0
500	63.633	3	3	1,019	966	0	53	0	0

11.2.20.12.2. 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>							
35	63.567	3	3	138	122	0	16	0	0
66	63.558	3	3	78	63	0	15	0	0
128	63.560	3	3	78	63	0	15	0	0
252	63.721	3	3	135	120	0	15	0	0
500	63.633	3	3	78	63	0	15	0	0

11.2.20.13. 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>							
35	6	6	1,029	971	0	58	0	0
66	6	6	990	929	0	61	0	0
128	6	6	1,045	988	0	57	0	0
252	6	6	896	877	0	19	0	0
500	6	6	1,097	1,029	0	68	0	0

11.2.20.16. Multicast Packets Discarded

Attempted Frame Data Rate	Timestamp <i>Seconds</i>	IP: Unsupported Protocol	IGMP: Invalid Query	IGMP: Invalid Length	IGMP: Invalid Checksum
252	63.721	0	0	0	0

11.2.20.17.1. 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>								
252	63.721	1	0	0	0	0	0	0	0	0

11.2.20.18. 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>						
252	63.721	0	0	0	0	0	0	0

11.2.20.18.1. 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>						
252	63.721	0	0	0	0	0	0	0

11.2.20.19. 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 Memberships Query	Received: IGMP v2 Memberships Query	Received: IGMP v3 Memberships 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 Memberships Report	Transmitted: IGMP v2 Memberships Report	Transmitted: IGMP v3 Memberships Report	Transmitted: IGMP v2 Leave Group	Transmitted: IGMP Other	Transmitted: IP Other
<i>Frames</i>																			
252	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

11.2.21. System Controller 0 statistics

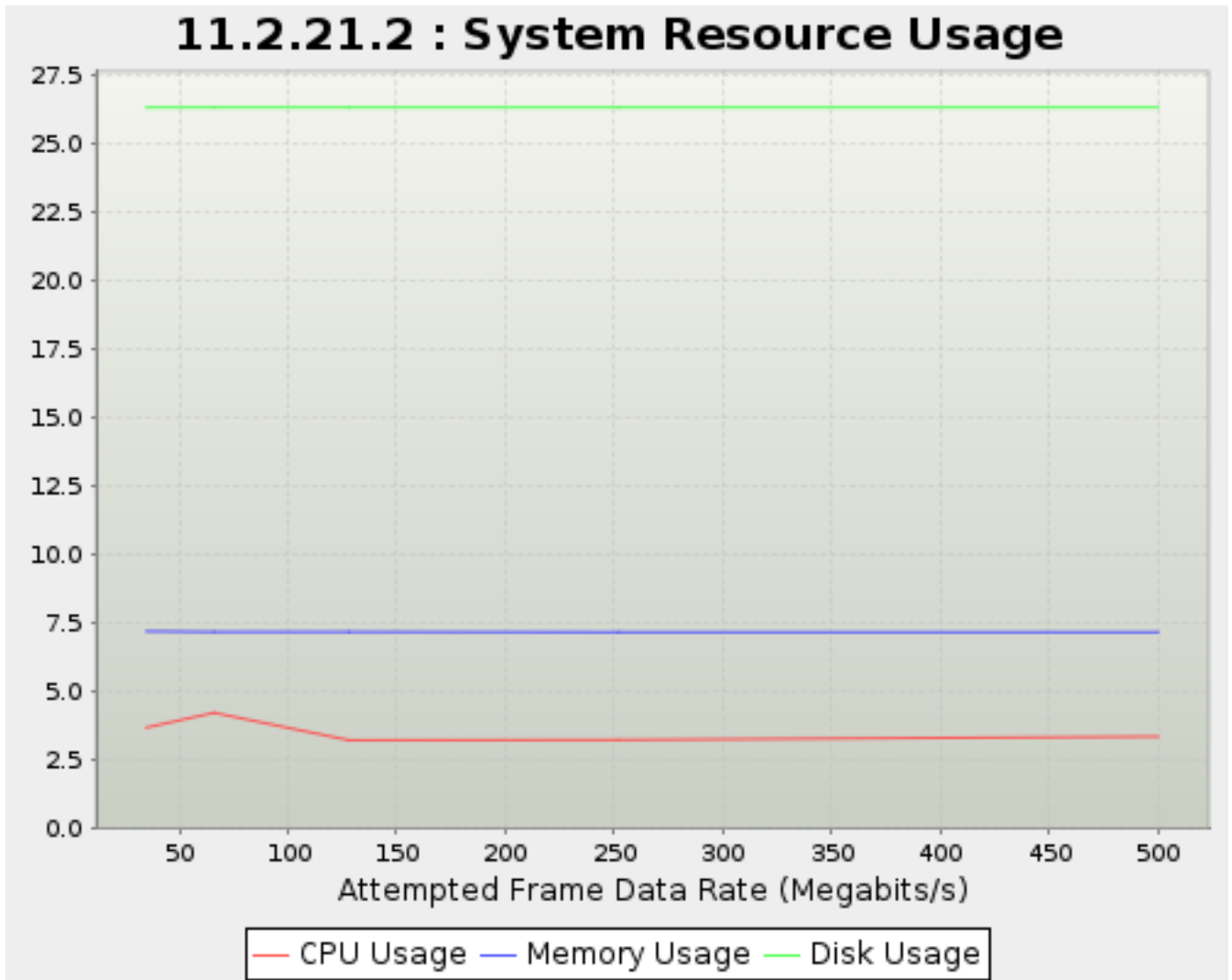
11.2.21.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

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

11.2.21.2. System Resource Usage



Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
35	63.577	3.68	7.20	26.36
66	63.568	4.22	7.18	26.36
128	63.568	3.22	7.18	26.36
252	63.724	3.23	7.17	26.36
500	63.644	3.35	7.17	26.36

12. Frame Rate: 128

Attempted Frame Rate	Achieved Frame Rate	Result
500 Mbps	78 Mbps	failed
252 Mbps	121 Mbps	failed
128 Mbps	78 Mbps	failed
66 Mbps	65 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

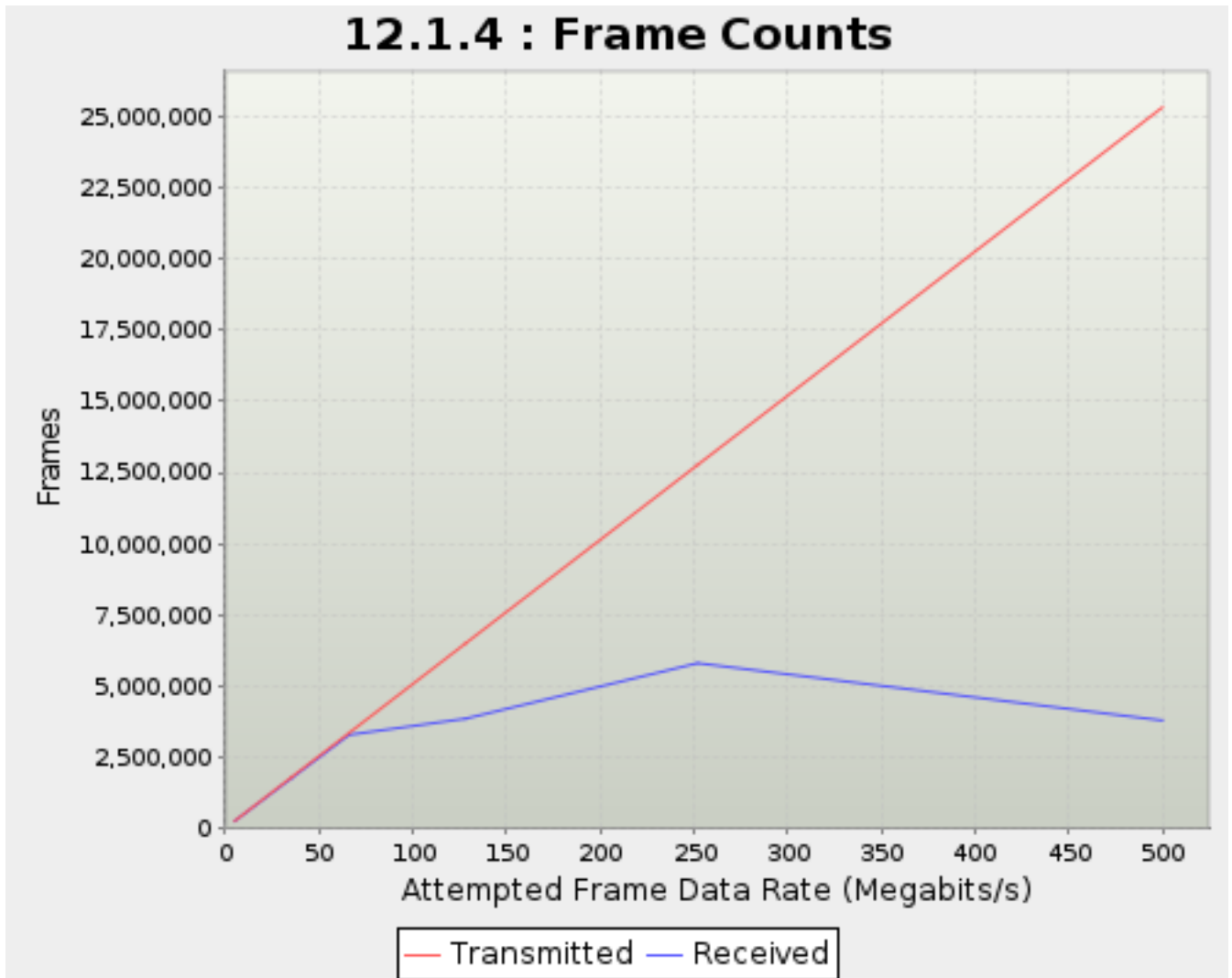
Number	Description
1	No predefined test criteria.

12.1.3. Traffic Appearance

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

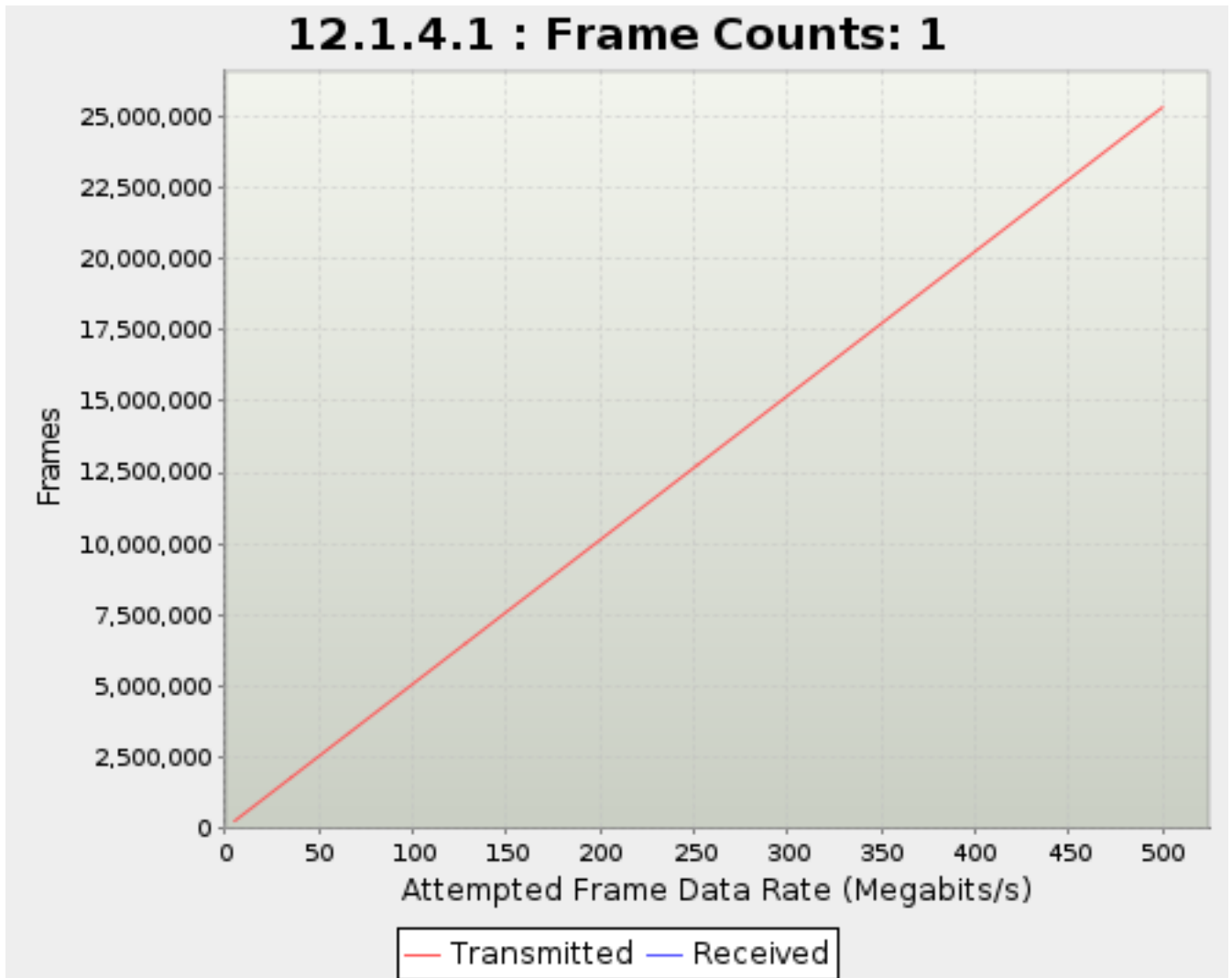
Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		[192.168.1.1 - 192.168.40.16]
2	Server	default		[10.201.0.2 - 10.201.0.251]

12.1.4. Frame Counts



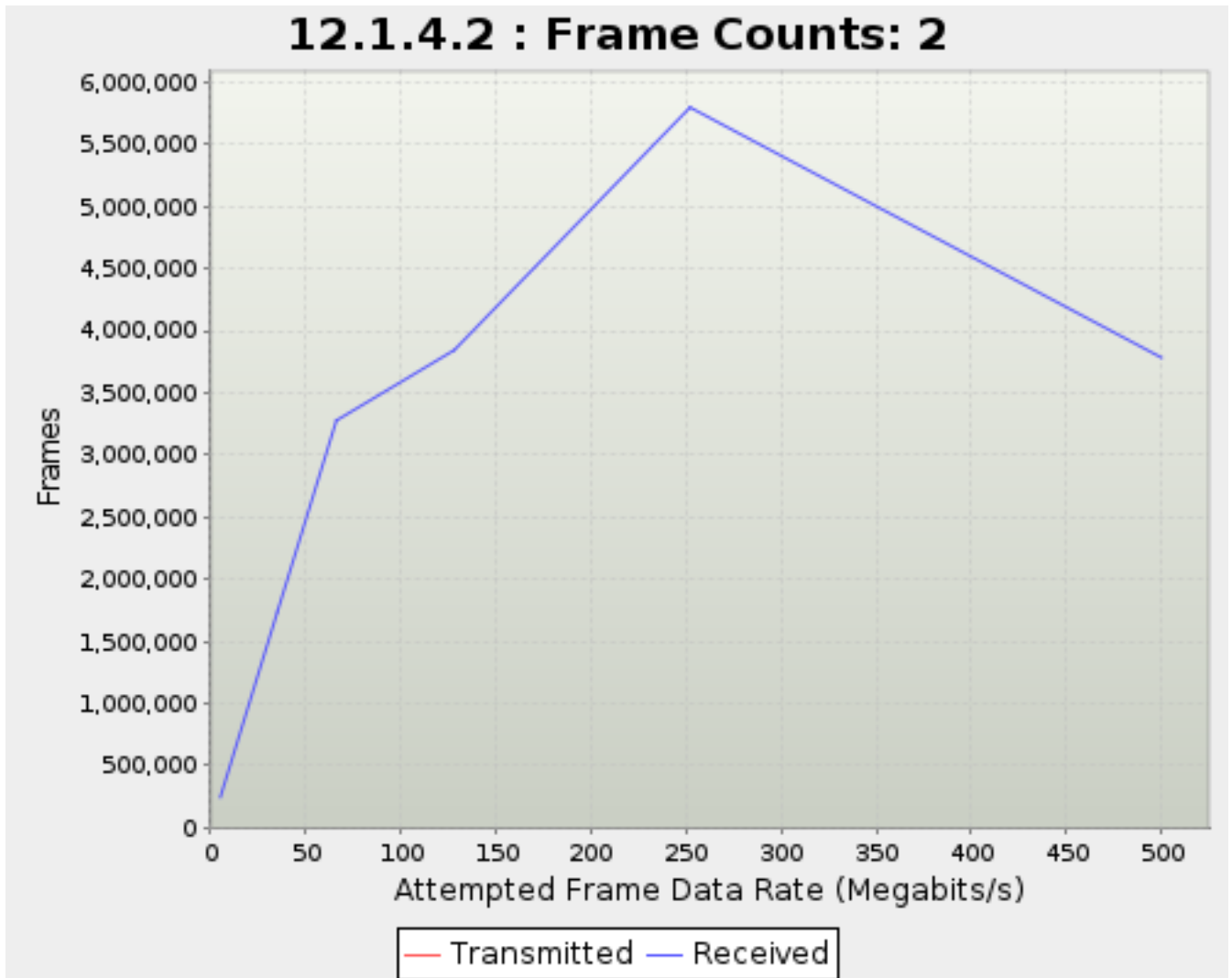
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	62.597	253,320	248,354
35	62.265	1,773,600	1,738,826
66	62.385	3,344,580	3,277,492
128	62.275	6,486,480	3,844,050
252	62.718	12,770,220	5,796,131
500	62.083	25,337,820	3,782,737

12.1.4.1. Frame Counts: 1



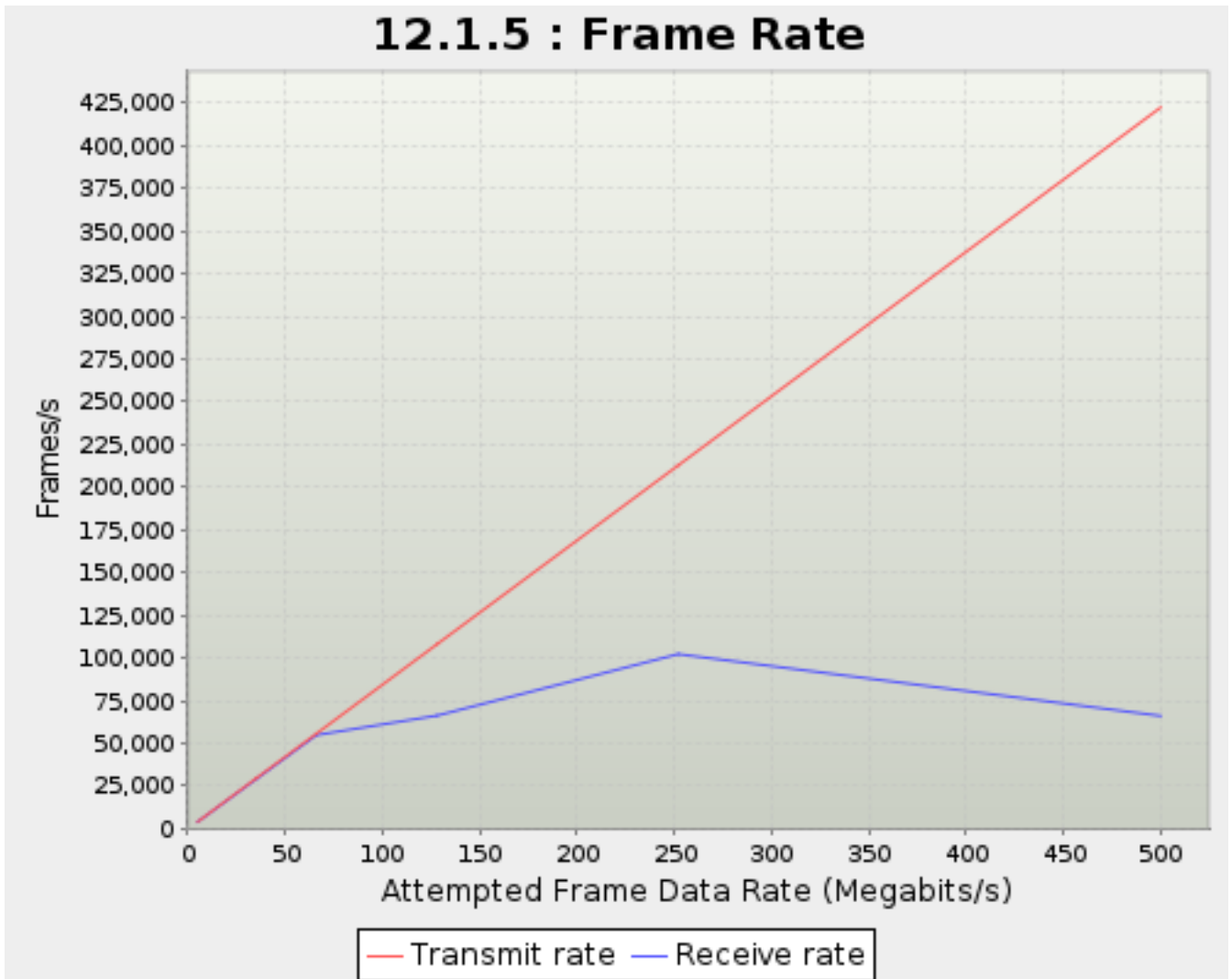
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	62.597	253,320	0
35	62.265	1,773,600	0
66	62.385	3,344,580	0
128	62.275	6,486,480	0
252	62.718	12,770,220	0
500	62.083	25,337,820	0

12.1.4.2. Frame Counts: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	62.597	0	248,354
35	62.265	0	1,738,826
66	62.385	0	3,277,492
128	62.275	0	3,844,050
252	62.718	0	5,796,131
500	62.083	0	3,782,737

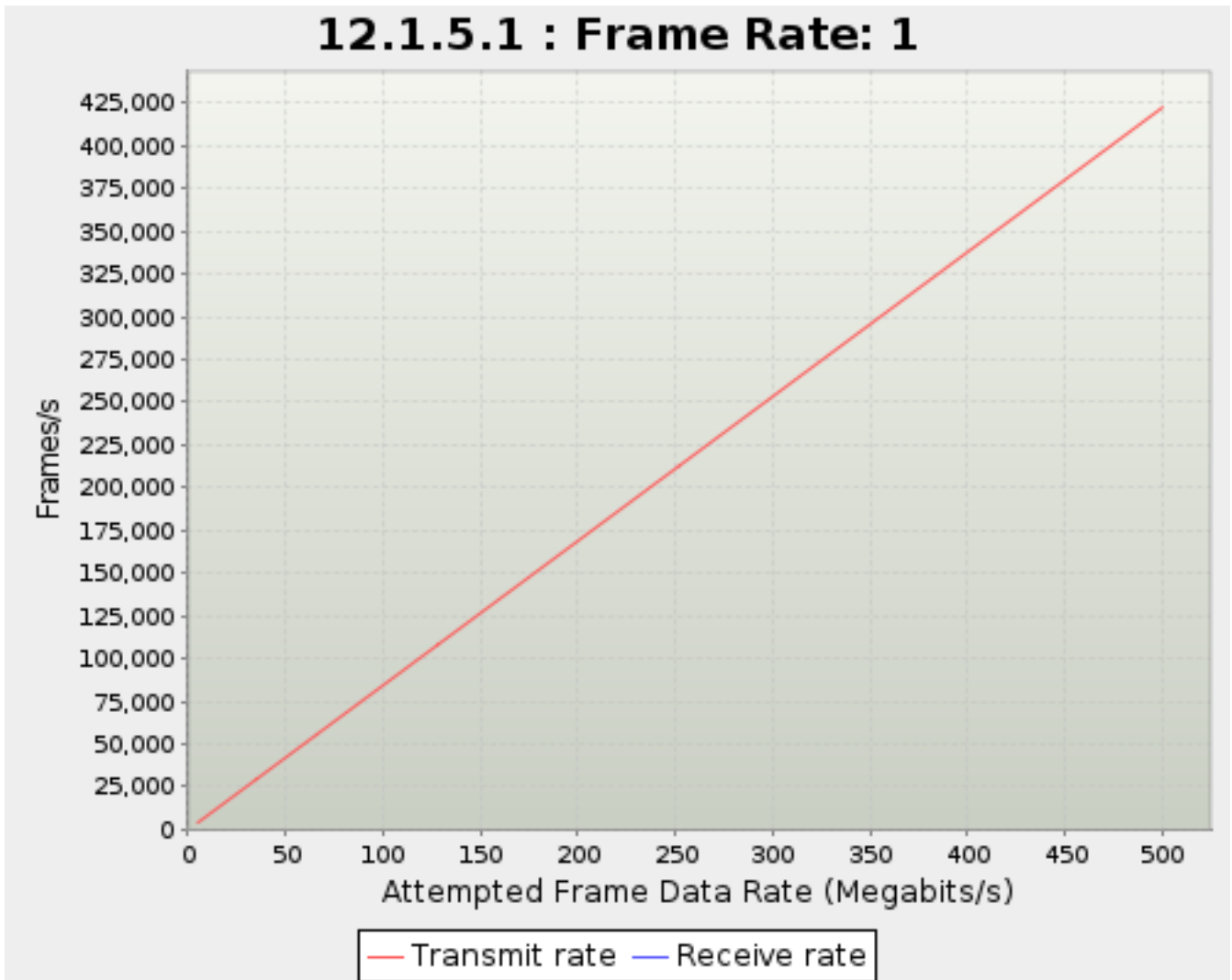
12.1.5. Frame Rate



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	62.597	~4224	~4160
35	62.265	~29560	~29110
66	62.385	~55740	~54920
128	62.275	~108100	~66310
252	62.718	~212800	~102300
500	62.083	~422300	~66160

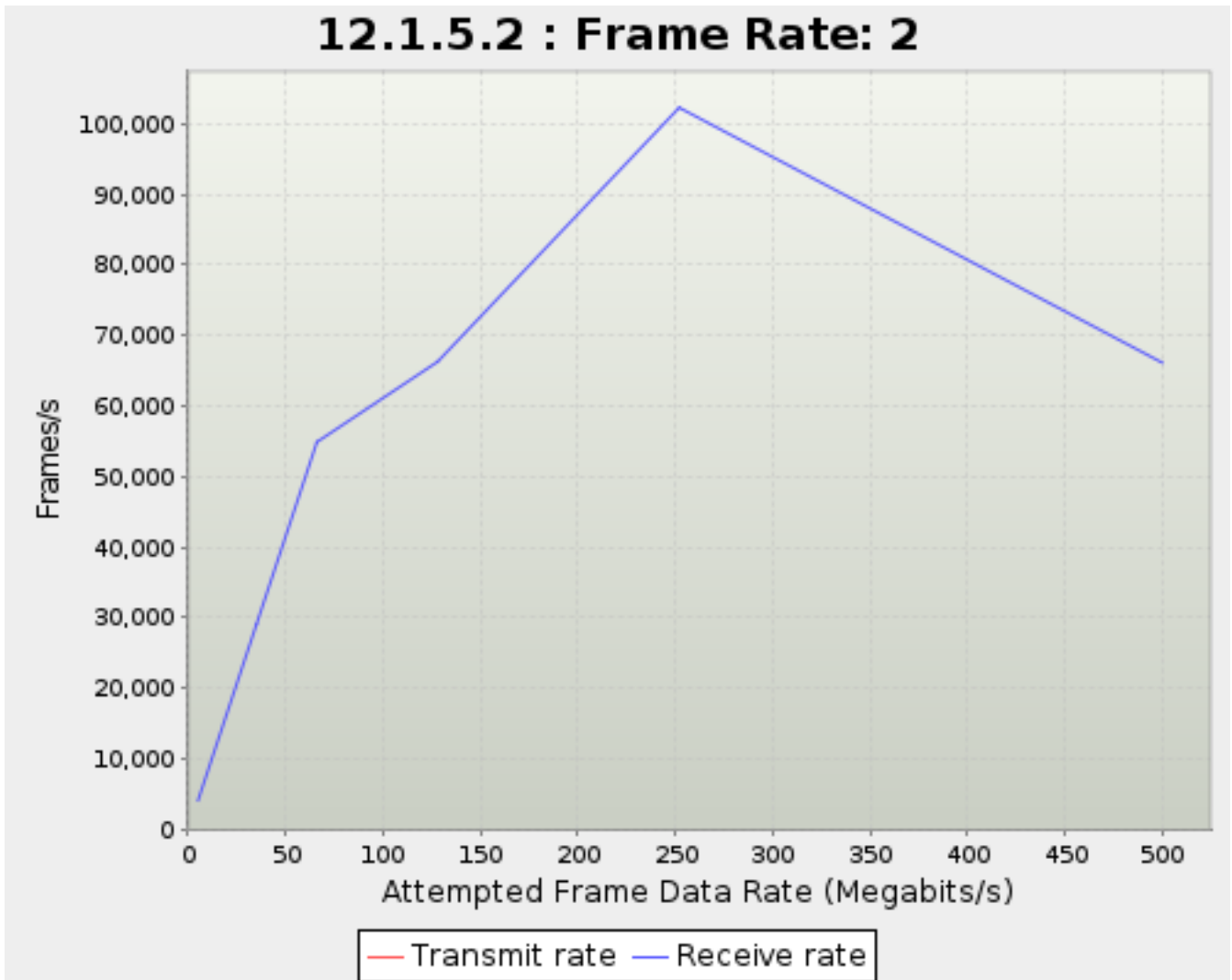
12.1.5.1. Frame Rate: 1



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	62.597	~4224	0.00
35	62.265	~29560	0.00
66	62.385	~55740	0.00
128	62.275	~108100	0.00
252	62.718	~212800	0.00
500	62.083	~422300	0.00

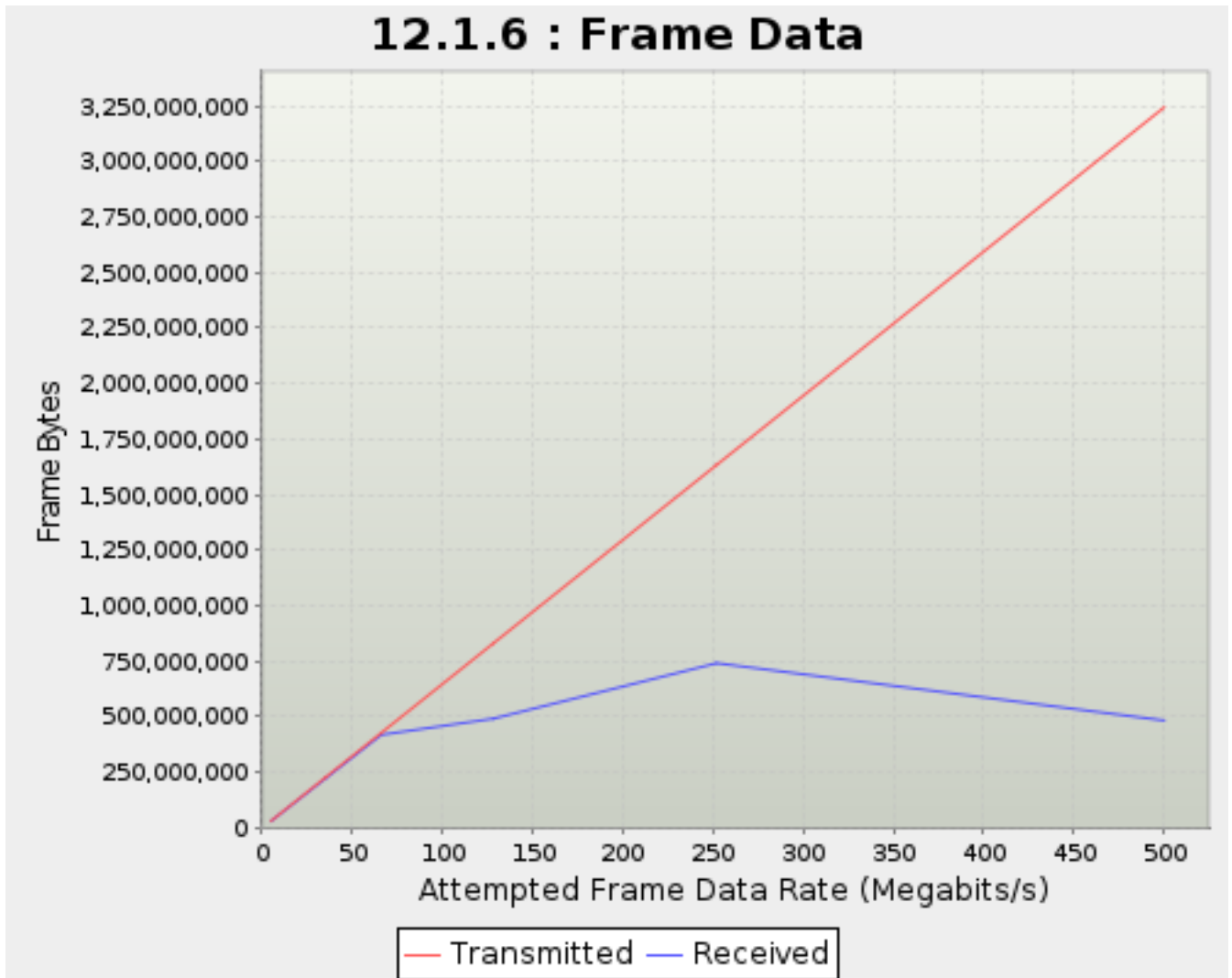
12.1.5.2. Frame Rate: 2



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

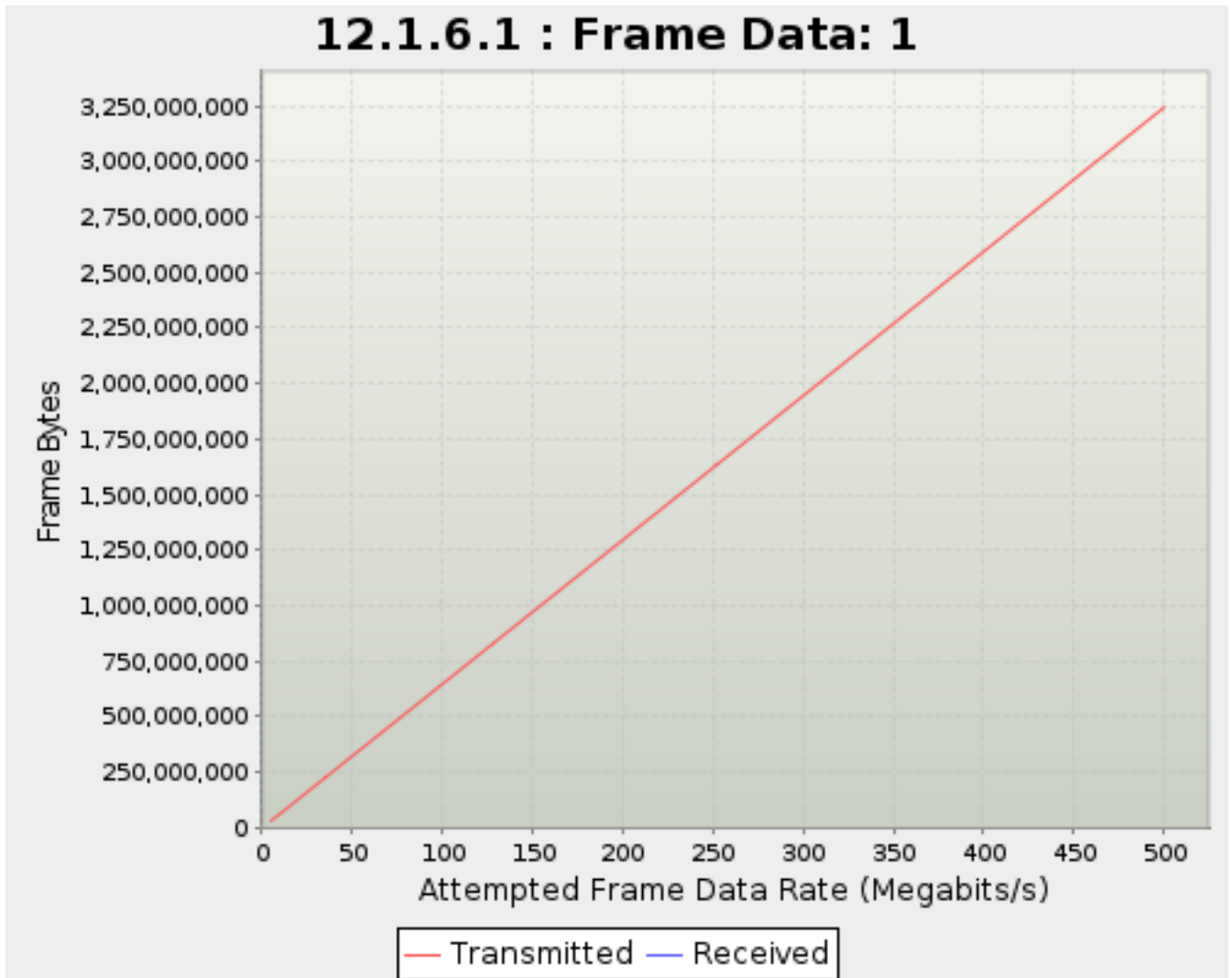
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	62.597	0.00	~4160
35	62.265	0.00	~29110
66	62.385	0.00	~54920
128	62.275	0.00	~66310
252	62.718	0.00	~102300
500	62.083	0.00	~66160

12.1.6. Frame Data



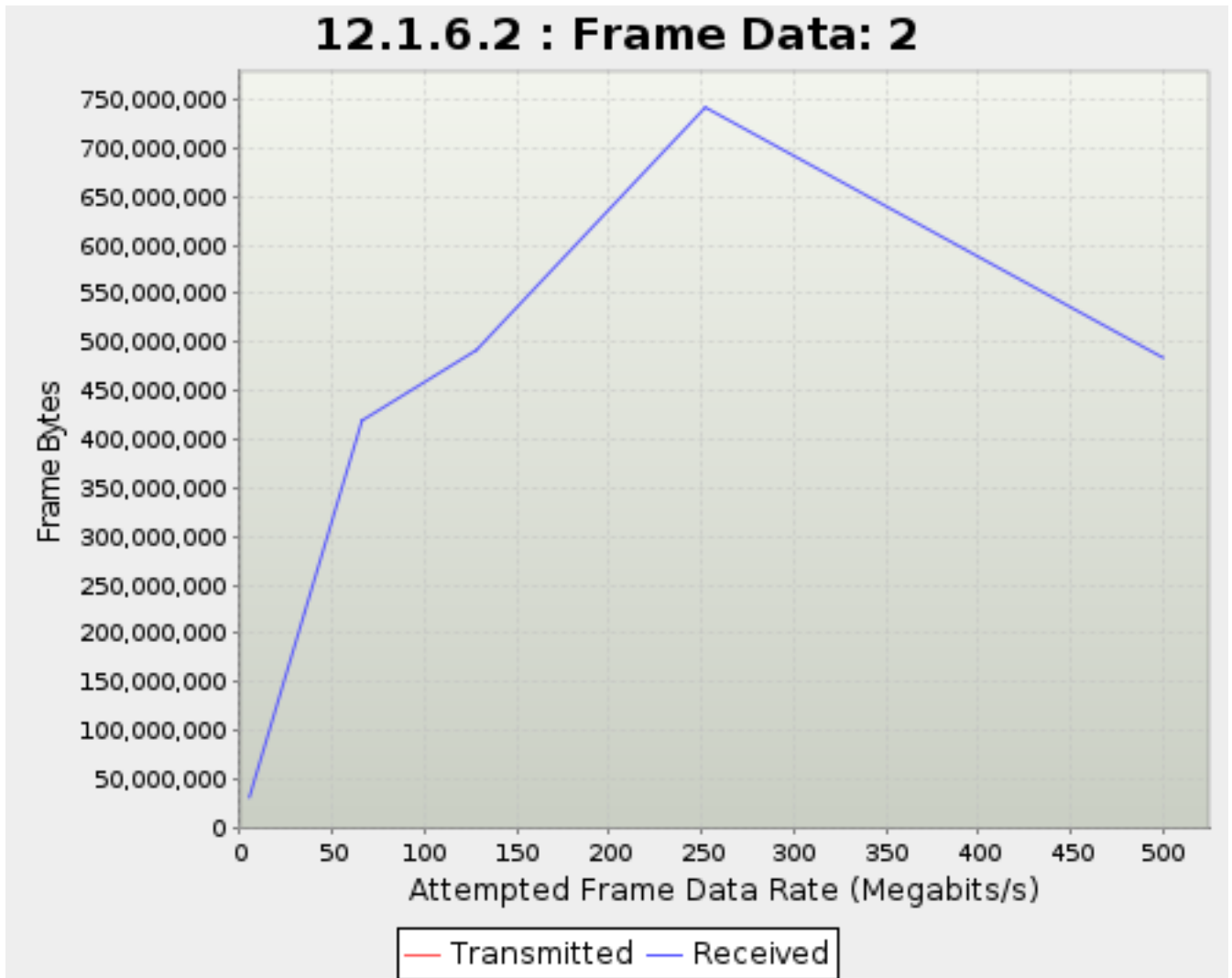
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	62.597	32,424,960	31,789,312
35	62.265	227,020,800	222,569,728
66	62.385	428,106,240	419,518,976
128	62.275	830,269,440	492,038,400
252	62.718	1,634,588,160	741,904,768
500	62.083	3,243,240,960	484,190,336

12.1.6.1. Frame Data: 1



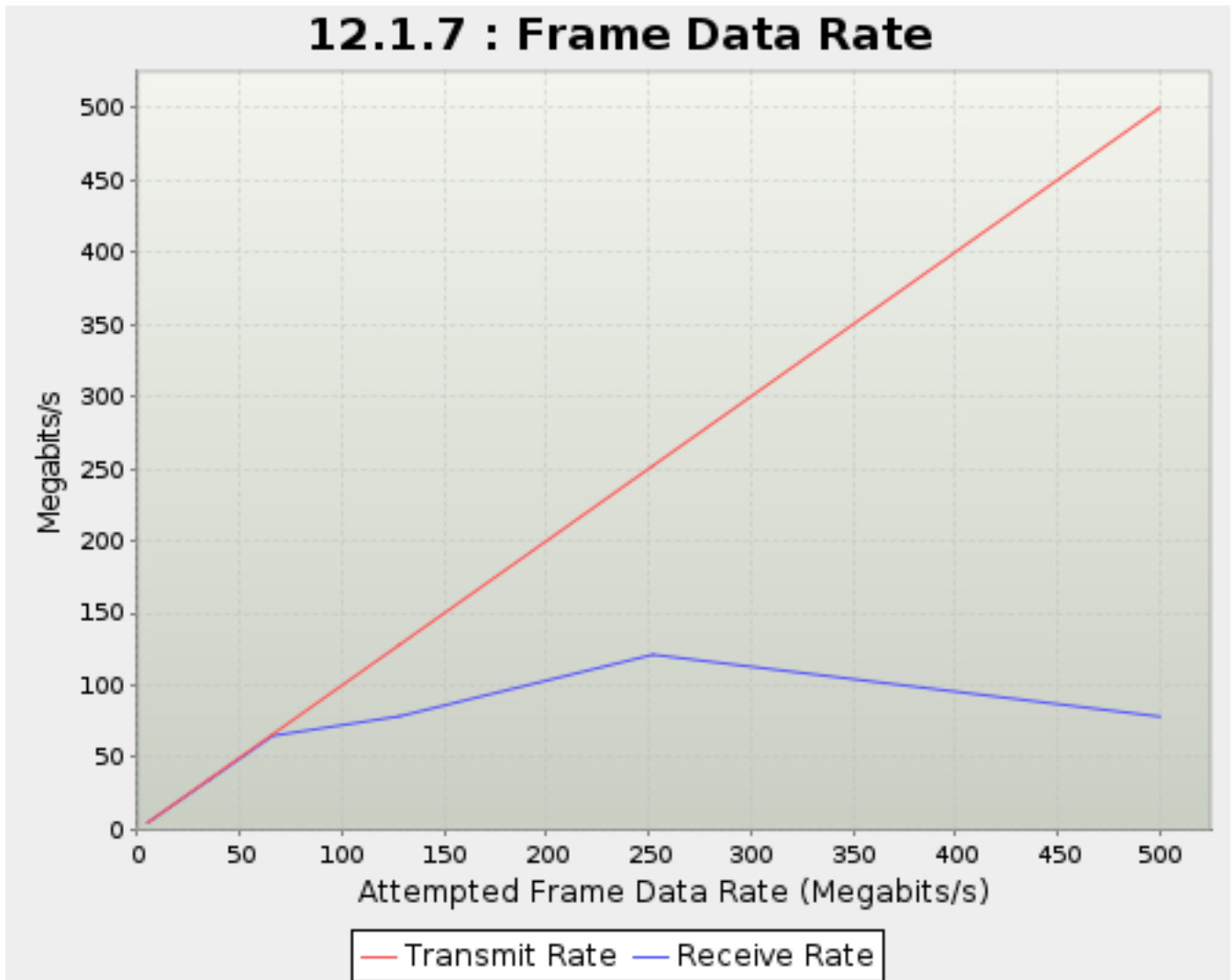
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	62.597	32,424,960	0
35	62.265	227,020,800	0
66	62.385	428,106,240	0
128	62.275	830,269,440	0
252	62.718	1,634,588,160	0
500	62.083	3,243,240,960	0

12.1.6.2. Frame Data: 2



Attempted Frame Data Rate	Timestamp <i>Seconds</i>	Transmitted	Received <i>Frame bytes</i>
5	62.597	0	31,789,312
35	62.265	0	222,569,728
66	62.385	0	419,518,976
128	62.275	0	492,038,400
252	62.718	0	741,904,768
500	62.083	0	484,190,336

12.1.7. Frame Data Rate



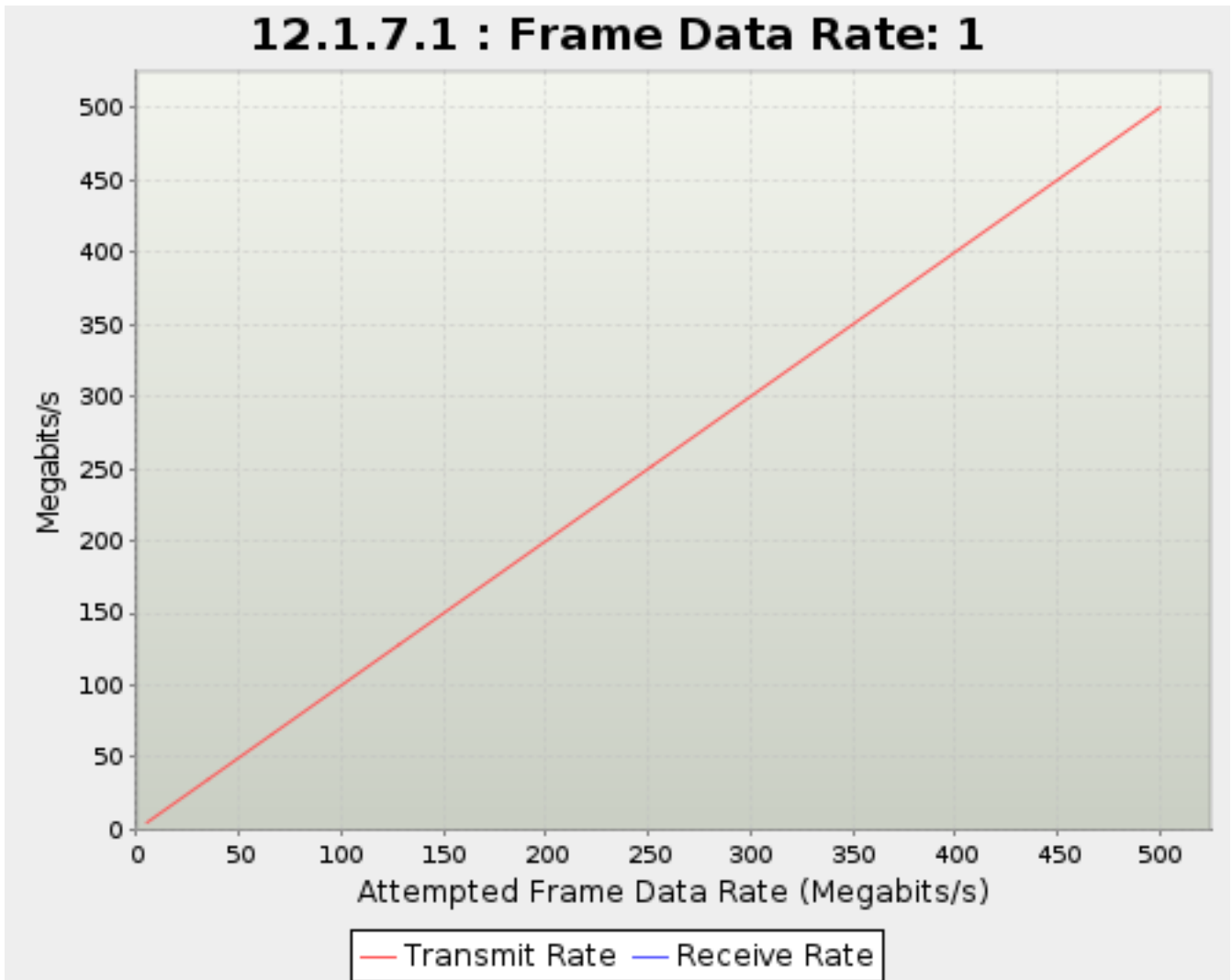
Data Rate shown includes Ethernet overhead.

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	62.597	5.001	4.925
35	62.265	~35	34.46
66	62.385	~66	65.03
128	62.275	~128	78.51
252	62.718	~252	121.2
500	62.083	~500	78.33

12.1.7.1. Frame Data Rate: 1



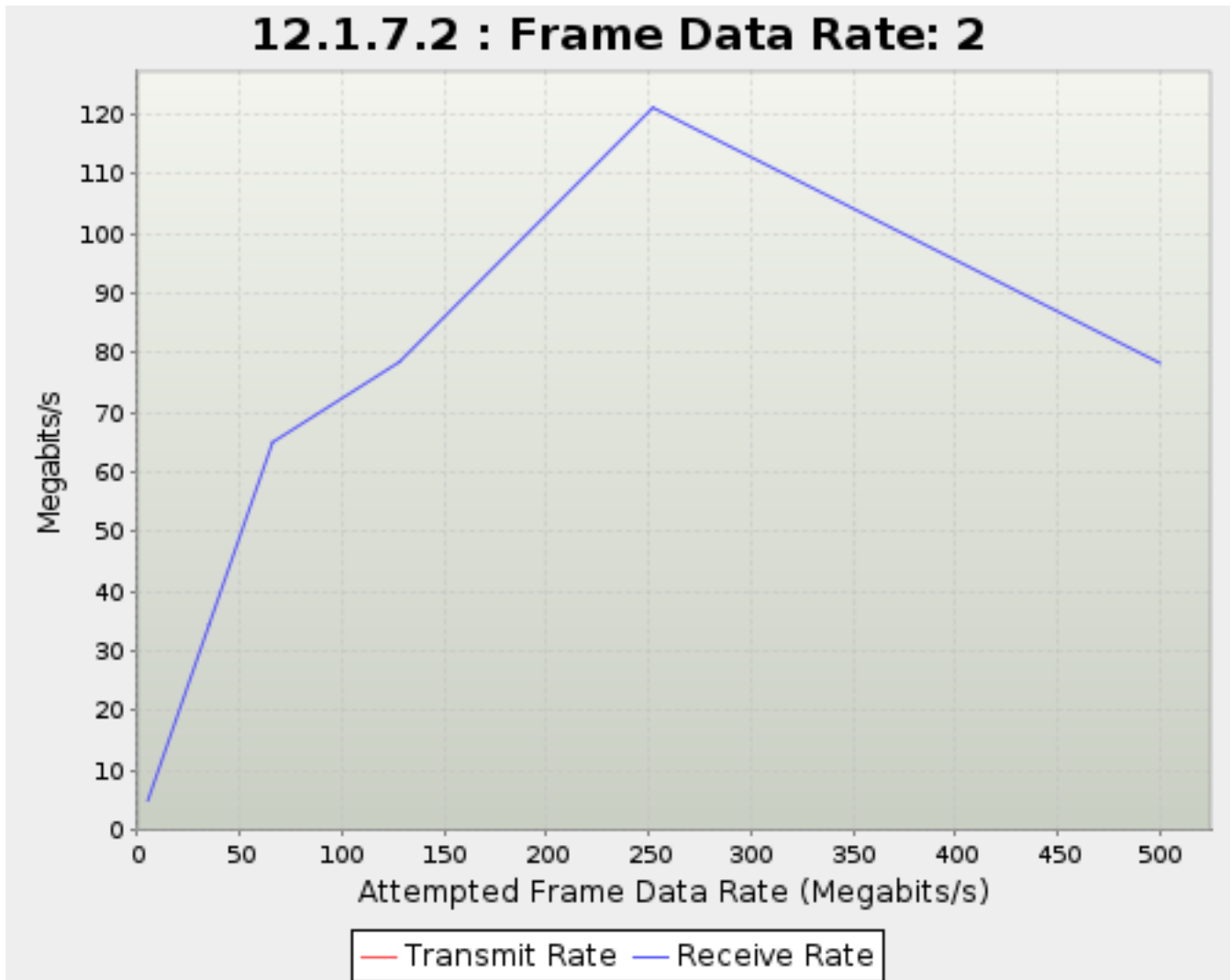
Data Rate shown includes Ethernet overhead.

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	62.597	5.001	0
35	62.265	~35	0
66	62.385	~66	0
128	62.275	~128	0
252	62.718	~252	0
500	62.083	~500	0

12.1.7.2. Frame Data Rate: 2



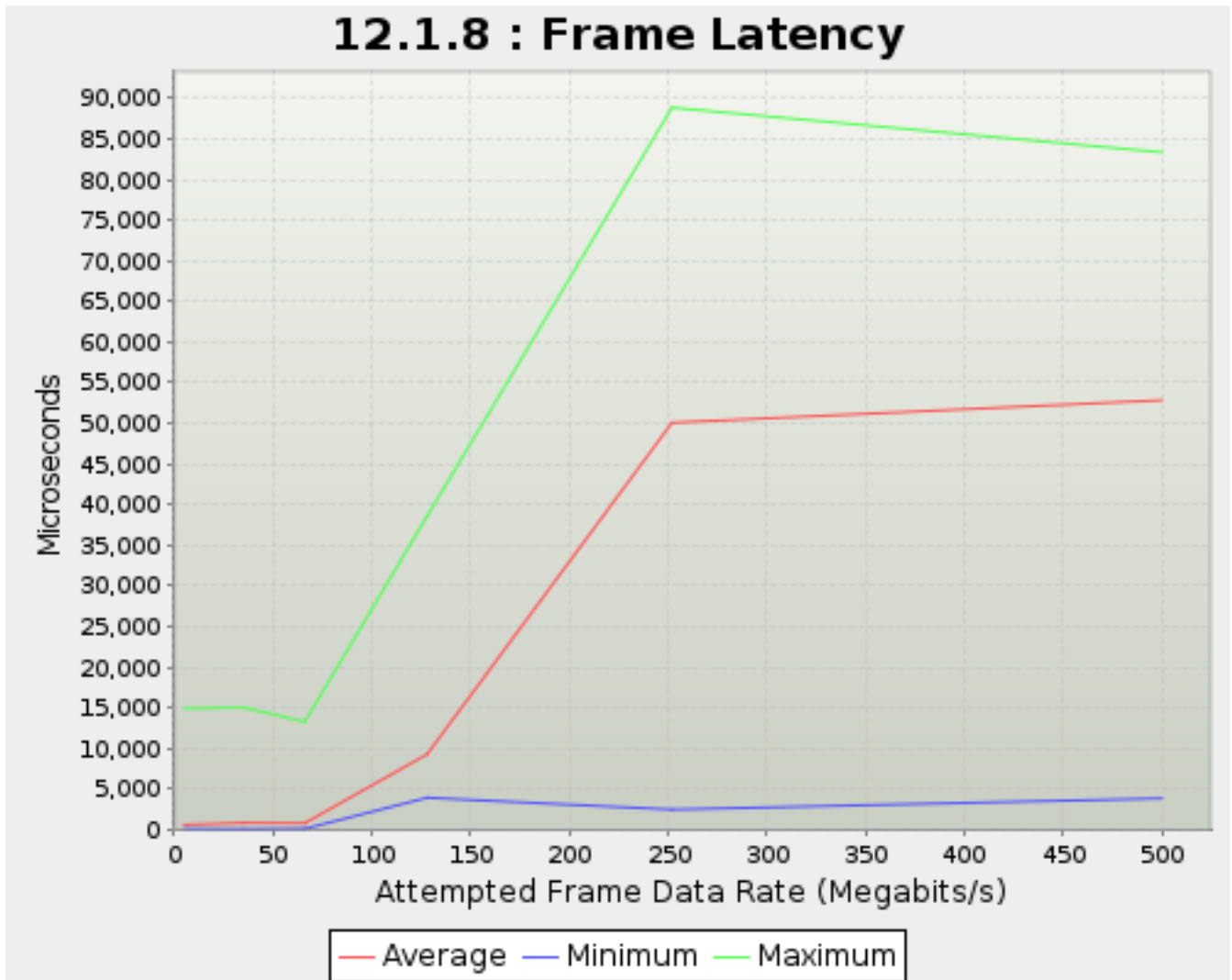
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

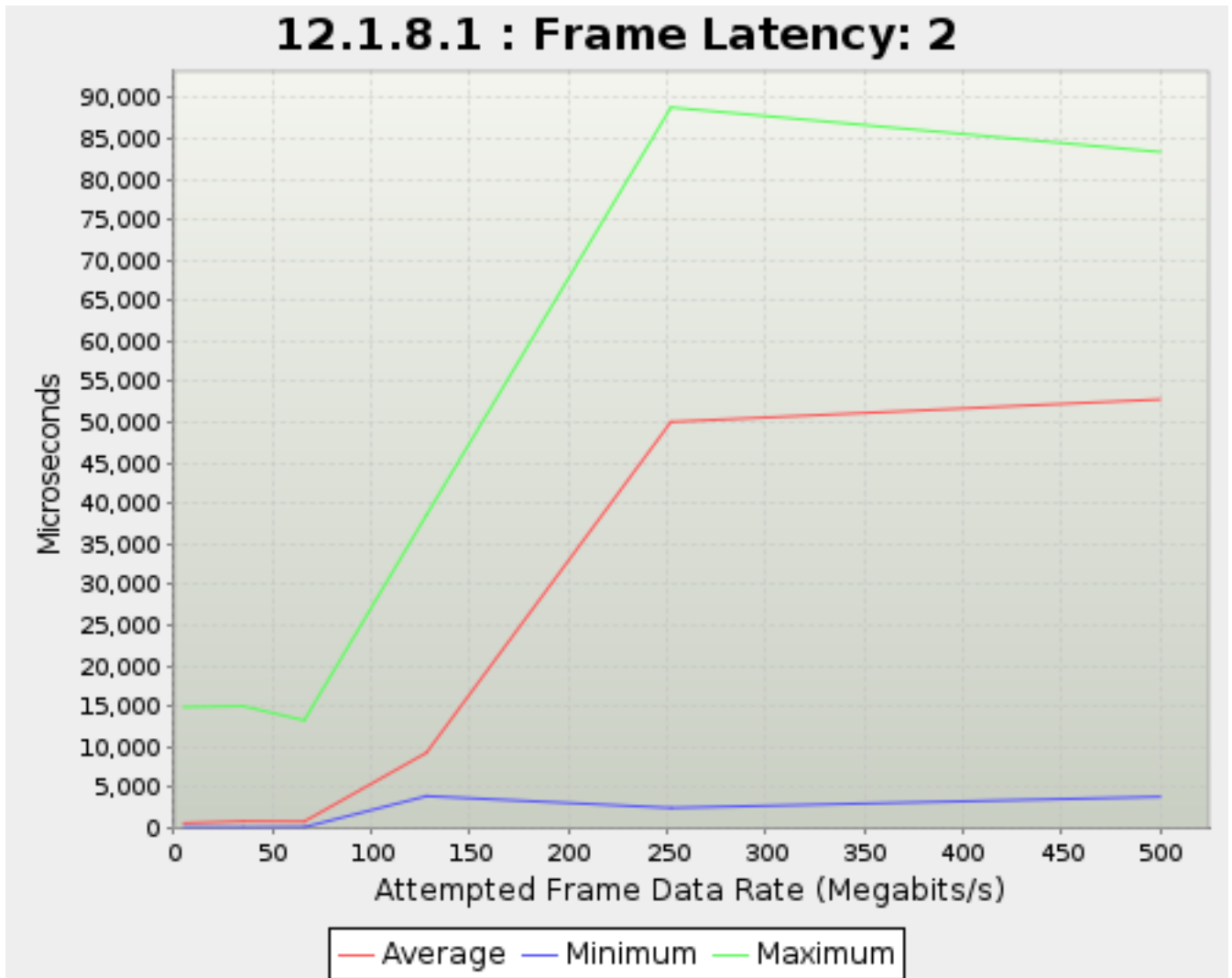
Attempted Frame Data Rate	Timestamp	Transmit Rate	Receive Rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	62.597	0	4.925
35	62.265	0	34.46
66	62.385	0	65.03
128	62.275	0	78.51
252	62.718	0	121.2
500	62.083	0	78.33

12.1.8. Frame Latency



Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
5	62.597	603.519	97.520	14,918.950
35	62.265	835.805	75.040	15,032.990
66	62.385	804.265	114.590	13,277.860
128	62.275	9,287.235	3,933.220	38,602.852
252	62.718	50,078.279	2,482.850	88,852.203
500	62.083	52,846.824	3,845.870	83,359.281

12.1.8.1. Frame Latency: 2

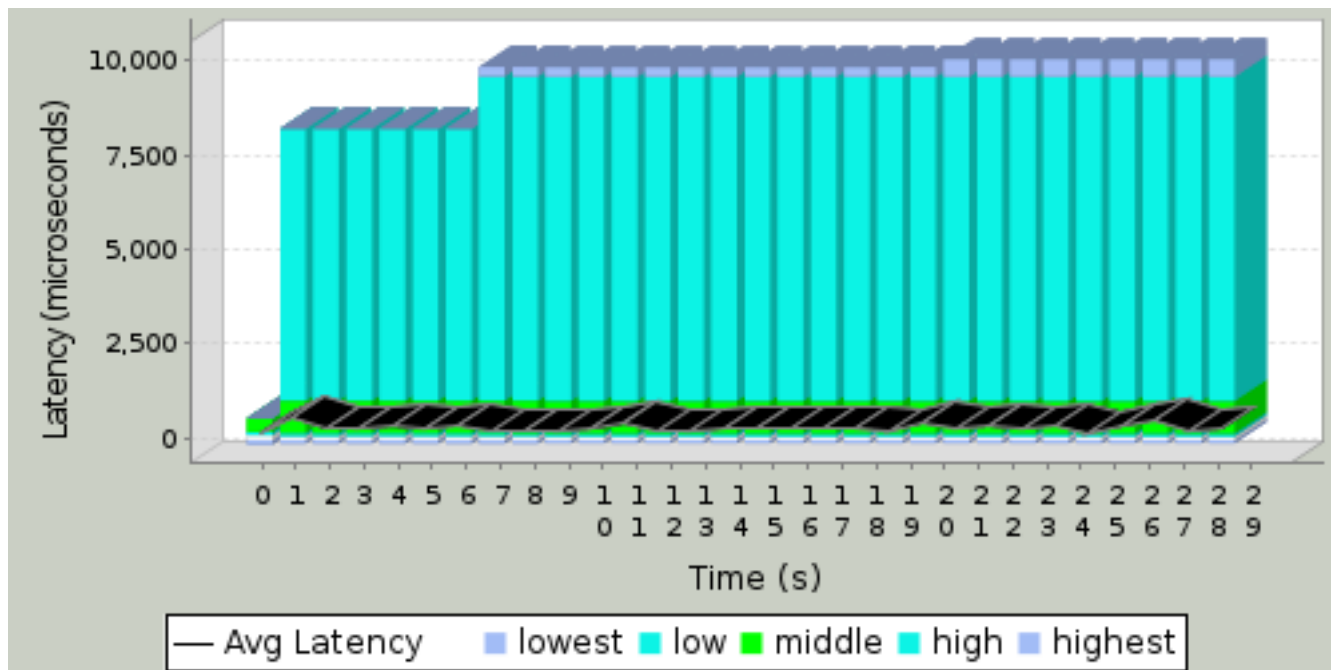


Attempted Frame Data Rate	Timestamp	Average	Minimum	Maximum
	<i>Seconds</i>	<i>Microseconds</i>		
5	62.597	603.519	97.520	14,918.950
35	62.265	835.805	75.040	15,032.990
66	62.385	804.265	114.590	13,277.860
128	62.275	9,287.235	3,933.220	38,602.852
252	62.718	50,078.279	2,482.850	88,852.203
500	62.083	52,846.824	3,845.870	83,359.281

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	0.302	199.026	135.530 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	1,231 100.000%	0	0
5	1.290	625.328	106.620 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	4,821 90.979%	478 9.021%	0
5	2.287	290.006	106.620 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	0	8,841 93.565%	608 6.435%	0

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	3.295	304.093	106.620 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	12,860 94.413%	761 5.587%	0	
5	4.293	361.373	106.620 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	16,785 94.563%	965 5.437%	0	
5	5.290	298.410	106.620 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	20,808 95.096%	1,073 4.904%	0	
5	6.288	388.808	106.620 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	24,702 94.960%	1,311 5.040%	0	
5	7.296	255.224	106.620 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	28,818 95.471%	1,365 4.522%	2 0.007%	
5	8.293	213.294	103.970 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	32,900 95.874%	1,414 4.121%	2 0.006%	
5	9.291	248.232	99.480 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.003%	36,958 96.127%	1,486 3.865%	2 0.005%	
5	10.288	292.868	99.480 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.002%	40,953 96.186%	1,621 3.807%	2 0.005%	
5	11.286	438.882	99.480 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.002%	44,769 95.847%	1,937 4.147%	2 0.004%	
5	12.304	269.380	99.480 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.002%	48,882 95.994%	2,037 4.000%	2 0.004%	
5	13.291	276.799	99.480 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	1 0.002%	52,853 96.079%	2,154 3.916%	2 0.004%	

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	14.289	289.071	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.002%	56,843 96.116%	2,294 3.879%	2 0.003%	
5	15.287	296.561	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.002%	60,819 96.126%	2,448 3.869%	2 0.003%	
5	16.294	300.745	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.001%	64,854 96.163%	2,585 3.833%	2 0.003%	
5	17.292	309.771	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.001%	68,848 96.194%	2,721 3.802%	2 0.003%	
5	18.289	335.965	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.001%	72,783 96.144%	2,916 3.852%	2 0.003%	
5	19.287	259.522	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.001%	76,838 96.250%	2,989 3.744%	4 0.005%	
5	20.295	451.573	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.001%	80,741 96.124%	3,250 3.869%	5 0.006%	
5	21.292	337.769	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.001%	84,719 96.144%	3,389 3.846%	8 0.009%	
5	22.290	364.560	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.001%	88,650 96.084%	3,604 3.906%	8 0.009%	
5	23.287	303.430	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.001%	92,636 96.106%	3,744 3.884%	8 0.008%	
5	24.295	397.433	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 >	0	1 0.001%	96,547 96.005%	4,009 3.986%	8 0.008%	

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	25.303	210.092	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1 0.001%	100,683 96.128%	4,046 3.863%	8 0.008%	
5	26.290	365.513	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1 0.001%	104,557 96.076%	4,261 3.915%	8 0.007%	
5	27.288	548.956	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1 0.001%	108,222 95.807%	4,727 4.185%	8 0.007%	
5	28.296	250.483	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1 0.001%	112,319 95.893%	4,802 4.100%	8 0.007%	
5	29.293	290.100	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1 0.001%	116,327 95.932%	4,924 4.061%	8 0.007%	
5	30.291	522.462	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1 0.001%	120,041 95.733%	5,341 4.259%	8 0.006%	
5	31.288	293.952	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1 0.001%	124,027 95.758%	5,485 4.235%	8 0.006%	
5	32.296	497.332	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1 0.001%	127,935 95.692%	5,725 4.282%	34 0.025%	
5	33.294	421.460	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1 0.001%	131,809 95.635%	5,979 4.338%	36 0.026%	
5	34.291	315.007	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1 0.001%	135,778 95.648%	6,141 4.326%	36 0.025%	
5	35.299	197.679	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	1 0.001%	139,937 95.763%	6,154 4.211%	36 0.025%	

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	36.287	454.497	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	143,705 95.665%	6,475 4.310%	36 0.024%	
5	37.294	353.874	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	147,652 95.638%	6,698 4.338%	36 0.023%	
5	38.292	316.558	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	151,626 95.652%	6,856 4.325%	36 0.023%	
5	39.289	342.059	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	155,542 95.631%	7,069 4.346%	36 0.022%	
5	40.287	378.599	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	159,471 95.619%	7,268 4.358%	38 0.023%	
5	41.295	341.778	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	163,471 95.625%	7,438 4.351%	40 0.023%	
5	42.292	303.275	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	167,462 95.649%	7,574 4.326%	42 0.024%	
5	43.290	343.504	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	171,389 95.636%	7,777 4.340%	42 0.023%	
5	44.288	285.864	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	175,374 95.656%	7,921 4.320%	42 0.023%	
5	45.305	283.644	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	179,466 95.688%	8,044 4.289%	42 0.022%	
5	46.293	384.104	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	183,305 95.650%	8,293 4.327%	42 0.022%	

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	47.290	371.341	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	187,222 95.633%	8,507 4.345%	42 0.021%	
5	48.288	305.121	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.001%	191,203 95.648%	8,656 4.330%	42 0.021%	
5	49.296	394.463	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	195,103 95.605%	8,927 4.374%	42 0.021%	
5	50.293	195.502	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	199,224 95.687%	8,937 4.292%	42 0.020%	
5	51.291	286.115	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	203,255 95.725%	9,035 4.255%	42 0.020%	
5	52.289	484.207	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	207,010 95.633%	9,411 4.348%	42 0.019%	
5	53.296	313.420	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	211,047 95.653%	9,547 4.327%	42 0.019%	
5	54.294	208.283	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	215,148 95.720%	9,577 4.261%	42 0.019%	
5	55.291	475.714	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	218,945 95.652%	9,909 4.329%	42 0.018%	
5	56.289	212.426	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	223,027 95.709%	9,956 4.272%	42 0.018%	
5	57.287	196.083	99.480 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	1 0.000%	227,144 95.777%	9,971 4.204%	42 0.018%	

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	58.294	288.502	97.520 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	2 0.001%	231,173 95.791%	10,113 4.191%	42 0.017%	
5	59.292	370.549	97.520 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	235,073 95.768%	10,342 4.213%	42 0.017%	
5	62.597	230.738	97.520 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	3 0.001%	237,924 95.800%	10,385 4.182%	42 0.017%	
35	0.141	230.526	80.470 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	49 1.296%	3,731 98.704%	0	0	
35	1.139	852.688	80.470 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	107 0.327%	28,780 88.036%	3,777 11.554%	27 0.083%	
35	2.126	264.084	80.470 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	143 0.233%	56,684 92.449%	4,460 7.274%	27 0.044%	
35	3.124	356.660	80.470 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	214 0.237%	84,199 93.321%	5,785 6.412%	27 0.030%	
35	4.131	449.050	80.470 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	277 0.232%	111,312 93.205%	7,811 6.540%	27 0.023%	
35	5.129	791.073	80.470 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	288 0.194%	136,865 92.264%	10,679 7.199%	508 0.342%	
35	6.127	398.125	80.470 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	289 0.163%	164,588 92.855%	11,867 6.695%	508 0.287%	
35	7.124	491.025	80.470 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 10000.000	0	334 0.162%	191,629 92.950%	13,664 6.628%	536 0.260%	

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	8.142	615.104	80.470 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	392 0.166%	217,826 92.433%	16,904 7.173%	536 0.227%	
35	9.130	391.297	80.470 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	461 0.174%	245,140 92.758%	18,143 6.865%	536 0.203%	
35	10.127	329.236	80.470 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	535 0.182%	272,955 93.097%	19,167 6.537%	536 0.183%	
35	11.125	423.966	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	614 0.191%	299,824 93.083%	21,129 6.560%	536 0.166%	
35	12.122	321.551	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	646 0.184%	327,827 93.394%	22,006 6.269%	536 0.153%	
35	13.130	277.712	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	695 0.183%	356,398 93.746%	22,546 5.930%	536 0.141%	
35	14.128	431.350	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	801 0.196%	382,961 93.603%	24,834 6.070%	536 0.131%	
35	15.125	426.358	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	807 0.184%	410,418 93.693%	26,284 6.000%	536 0.122%	
35	16.123	338.937	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	860 0.184%	438,014 93.802%	27,546 5.899%	536 0.115%	
35	17.131	474.486	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	881 0.178%	465,341 93.789%	29,401 5.926%	536 0.108%	
35	18.128	571.168	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	881 0.168%	492,274 93.754%	31,380 5.976%	536 0.102%	

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	19.126	441.025	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	944 0.170%	519,100 93.703%	33,406 6.030%	536 0.097%
35	20.123	447.928	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,052 0.180%	545,809 93.638%	35,488 6.088%	544 0.093%
35	21.131	427.047	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,075 0.176%	573,510 93.696%	36,951 6.037%	562 0.092%
35	22.129	318.563	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,090 0.170%	601,684 93.865%	37,673 5.877%	562 0.088%
35	23.126	386.092	75.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,112 0.166%	628,600 93.831%	39,651 5.919%	562 0.084%
35	24.124	327.374	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,259 0.180%	656,134 93.890%	40,879 5.850%	562 0.080%
35	25.132	339.131	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,315 0.181%	684,336 93.997%	41,826 5.745%	562 0.077%
35	26.129	368.541	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,439 0.190%	711,862 94.043%	43,088 5.692%	562 0.074%
35	27.127	505.223	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,453 0.185%	738,355 93.955%	45,491 5.789%	562 0.072%
35	28.134	269.486	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,500 0.184%	767,232 94.132%	45,770 5.616%	562 0.069%
35	29.122	416.328	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,576 0.187%	794,018 94.113%	47,532 5.634%	562 0.067%

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	30.130	401.102	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,603 <i>0.184%</i>	821,081 <i>94.065%</i>	49,645 <i>5.687%</i>	562 <i>0.064%</i>	
35	31.127	527.224	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,605 <i>0.178%</i>	848,003 <i>94.035%</i>	51,603 <i>5.722%</i>	588 <i>0.065%</i>	
35	32.125	349.416	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,653 <i>0.178%</i>	875,721 <i>94.091%</i>	52,751 <i>5.668%</i>	588 <i>0.063%</i>	
35	33.122	469.844	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,745 <i>0.182%</i>	902,385 <i>94.040%</i>	54,855 <i>5.717%</i>	588 <i>0.061%</i>	
35	34.130	583.710	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,843 <i>0.186%</i>	928,644 <i>93.914%</i>	57,752 <i>5.840%</i>	588 <i>0.059%</i>	
35	35.128	402.636	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,848 <i>0.182%</i>	956,496 <i>93.983%</i>	58,805 <i>5.778%</i>	588 <i>0.058%</i>	
35	36.125	367.113	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,904 <i>0.182%</i>	983,802 <i>93.995%</i>	60,359 <i>5.767%</i>	588 <i>0.056%</i>	
35	37.123	477.748	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,909 <i>0.177%</i>	1,010,683 <i>93.967%</i>	62,387 <i>5.800%</i>	588 <i>0.055%</i>	
35	38.141	365.349	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	1,986 <i>0.180%</i>	1,039,047 <i>94.026%</i>	63,390 <i>5.736%</i>	635 <i>0.057%</i>	
35	39.128	526.178	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	2,010 <i>0.177%</i>	1,065,018 <i>93.944%</i>	66,015 <i>5.823%</i>	635 <i>0.056%</i>	
35	40.126	659.771	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 100000.000	0	2,014 <i>0.173%</i>	1,091,047 <i>93.846%</i>	68,860 <i>5.923%</i>	669 <i>0.058%</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	41.123	286.442	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	2,072 <i>0.174%</i>	1,119,200 <i>93.932%</i>	69,560 <i>5.838%</i>	669 <i>0.056%</i>	
35	42.131	590.080	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	2,094 <i>0.172%</i>	1,145,413 <i>93.832%</i>	72,528 <i>5.941%</i>	669 <i>0.055%</i>	
35	43.129	267.017	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	2,122 <i>0.170%</i>	1,173,890 <i>93.940%</i>	72,936 <i>5.837%</i>	669 <i>0.054%</i>	
35	44.126	458.529	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	2,139 <i>0.167%</i>	1,201,390 <i>93.967%</i>	74,331 <i>5.814%</i>	669 <i>0.052%</i>	
35	45.134	558.273	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	2,250 <i>0.172%</i>	1,227,432 <i>93.861%</i>	77,355 <i>5.915%</i>	669 <i>0.051%</i>	
35	46.132	208.032	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	2,355 <i>0.176%</i>	1,255,582 <i>93.935%</i>	78,039 <i>5.838%</i>	669 <i>0.050%</i>	
35	47.129	369.252	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	2,386 <i>0.175%</i>	1,283,287 <i>93.976%</i>	79,212 <i>5.801%</i>	669 <i>0.049%</i>	
35	48.127	409.306	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	2,386 <i>0.171%</i>	1,310,937 <i>94.018%</i>	80,348 <i>5.762%</i>	669 <i>0.048%</i>	
35	49.124	551.890	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	2,395 <i>0.168%</i>	1,337,146 <i>93.942%</i>	83,169 <i>5.843%</i>	669 <i>0.047%</i>	
35	50.132	582.447	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	2,400 <i>0.165%</i>	1,363,742 <i>93.884%</i>	85,675 <i>5.898%</i>	767 <i>0.053%</i>	
35	51.130	452.131	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 < 100000.000	0	2,416 <i>0.163%</i>	1,391,106 <i>93.899%</i>	87,207 <i>5.886%</i>	767 <i>0.052%</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	52.137	419.714	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	2,418 0.160%	1,418,611 93.904%	88,901 5.885%	767 0.051%	
35	53.125	342.890	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	2,418 0.157%	1,446,433 93.966%	89,700 5.827%	767 0.050%	
35	54.122	293.270	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	2,418 0.154%	1,474,885 94.048%	90,161 5.749%	767 0.049%	
35	55.130	622.233	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	2,419 0.151%	1,500,801 93.952%	93,424 5.848%	767 0.048%	
35	56.128	329.664	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	2,419 0.149%	1,528,812 94.003%	94,346 5.801%	767 0.047%	
35	57.125	424.262	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	2,420 0.146%	1,556,164 94.013%	95,905 5.794%	767 0.046%	
35	58.143	550.631	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	2,424 0.144%	1,583,207 93.973%	98,352 5.838%	767 0.046%	
35	59.131	534.371	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	2,425 0.142%	1,610,203 93.979%	99,964 5.834%	767 0.045%	
35	62.265	367.888	75.040 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	2,425 0.139%	1,634,750 94.015%	100,884 5.802%	767 0.044%	
66	0.191	1,194.943	164.000 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	0	8,341 84.159%	1,331 13.430%	239 2.411%	
66	1.189	624.847	120.590 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	0	0	55,933 86.811%	8,259 12.818%	239 0.371%	

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	2.187	402.211	120.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	107,439 90.324%	11,271 9.475%	239 0.201%
66	3.184	585.715	120.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	157,906 91.062%	15,239 8.788%	260 0.150%
66	4.182	491.053	117.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	208,193 91.343%	19,471 8.543%	260 0.114%
66	5.179	526.351	117.890 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	257,634 91.216%	24,551 8.692%	260 0.092%
66	6.197	383.825	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	310,047 91.711%	27,763 8.212%	260 0.077%
66	7.185	341.105	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	361,930 92.331%	29,801 7.602%	260 0.066%
66	8.182	588.057	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	410,560 91.939%	35,735 8.002%	260 0.058%
66	9.180	418.304	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	462,183 92.239%	38,629 7.709%	260 0.052%
66	10.188	305.907	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	515,760 92.784%	39,849 7.169%	260 0.047%
66	11.185	588.670	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	564,492 92.440%	45,909 7.518%	260 0.043%
66	12.183	380.952	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	616,485 92.678%	48,443 7.283%	260 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	13.191	475.616	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	667,074 92.617%	52,918 7.347%	260 0.036%	
66	14.188	508.997	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	717,108 92.557%	57,409 7.410%	260 0.034%	
66	15.186	314.511	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	770,122 92.865%	58,911 7.104%	260 0.031%	
66	16.183	479.872	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	821,082 92.902%	62,474 7.069%	260 0.029%	
66	17.181	570.643	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	869,321 92.645%	68,752 7.327%	260 0.028%	
66	18.189	242.506	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	924,044 93.018%	69,099 6.956%	260 0.026%	
66	19.186	352.060	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	976,400 93.175%	71,255 6.800%	260 0.025%	
66	20.194	503.715	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,026,762 93.089%	75,967 6.887%	260 0.024%	
66	21.181	509.263	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,075,811 92.986%	80,886 6.991%	260 0.022%	
66	22.189	297.545	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,129,508 93.192%	82,260 6.787%	260 0.021%	
66	23.187	399.015	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,180,506 93.207%	85,781 6.773%	260 0.021%	

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	24.184	635.841	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,228,272 92.976%	92,529 7.004%	260 0.020%	
66	25.182	549.765	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,277,619 92.878%	97,706 7.103%	260 0.019%	
66	26.180	386.319	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,329,603 92.976%	100,185 7.006%	260 0.018%	
66	27.187	812.562	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,377,990 92.787%	106,708 7.185%	407 0.027%	
66	28.185	305.852	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,431,165 92.955%	108,059 7.018%	407 0.026%	
66	29.182	539.057	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,480,840 92.892%	112,901 7.082%	407 0.026%	
66	30.180	712.198	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,528,264 92.708%	119,481 7.248%	731 0.044%	
66	31.188	443.138	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,579,714 92.738%	122,979 7.220%	731 0.043%	
66	32.185	539.468	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,629,379 92.680%	127,953 7.278%	731 0.042%	
66	33.183	601.678	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,677,353 92.540%	134,495 7.420%	731 0.040%	
66	34.181	314.386	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,729,869 92.650%	136,503 7.311%	731 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	35.188	603.978	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,779,764 92.596%	141,462 7.360%	841 0.044%	
66	36.186	535.132	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,829,222 92.544%	146,525 7.413%	841 0.043%	
66	37.183	497.626	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,879,042 92.513%	151,226 7.445%	841 0.041%	
66	38.181	277.335	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,932,688 92.667%	152,097 7.293%	841 0.040%	
66	39.189	486.943	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	1,983,434 92.654%	156,418 7.307%	841 0.039%	
66	40.186	501.127	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,034,044 92.665%	160,093 7.293%	921 0.042%	
66	41.184	380.229	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,086,441 92.748%	162,213 7.211%	921 0.041%	
66	42.181	694.662	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,135,210 92.681%	167,171 7.256%	1,435 0.062%	
66	43.189	595.931	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,184,933 92.626%	172,515 7.313%	1,435 0.061%	
66	44.187	477.120	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,235,630 92.634%	176,334 7.306%	1,435 0.059%	
66	45.184	456.004	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,286,760 92.669%	179,468 7.273%	1,435 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>					
66	46.182	502.893	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,336,976 92.647%	184,029 7.296%	1,435 0.057%	
66	47.180	401.202	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,388,423 92.684%	187,098 7.260%	1,435 0.056%	
66	48.197	466.009	117.640 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,440,692 92.711%	190,445 7.234%	1,435 0.055%	
66	49.185	442.911	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,490,990 92.721%	194,122 7.226%	1,435 0.053%	
66	50.182	582.329	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,542,465 92.760%	196,008 7.151%	2,438 0.089%	
66	51.180	381.508	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,593,997 92.794%	198,996 7.119%	2,438 0.087%	
66	52.188	703.380	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,640,928 92.649%	207,089 7.265%	2,438 0.086%	
66	53.185	373.104	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,693,076 92.706%	209,459 7.210%	2,438 0.084%	
66	54.183	468.618	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,743,939 92.716%	213,118 7.201%	2,438 0.082%	
66	55.201	766.102	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,792,133 92.615%	220,094 7.300%	2,562 0.085%	
66	56.188	264.719	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,845,514 92.720%	220,850 7.196%	2,562 0.083%	

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	57.186	480.804	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,895,793 92.711%	225,092 7.207%	2,562 0.082%	
66	58.183	478.879	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,945,797 92.694%	229,605 7.225%	2,562 0.081%	
66	59.181	300.800	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	2,998,788 92.770%	231,134 7.150%	2,562 0.079%	
66	62.385	387.760	114.590 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	3,041,454 92.798%	233,476 7.124%	2,562 0.078%	
128	0.141	11,665.056	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	3,422 50.264%	3,386 49.736%	
128	1.129	9,032.091	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	61,223 86.717%	9,378 13.283%	
128	2.126	9,462.167	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	111,229 83.204%	22,453 16.796%	
128	3.134	9,219.418	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	163,366 82.754%	34,045 17.246%	
128	4.142	9,088.201	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	219,278 83.655%	42,844 16.345%	
128	5.129	8,923.856	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	278,774 85.832%	46,015 14.168%	
128	6.127	9,685.337	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	328,961 84.723%	59,316 15.277%	

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	7.134	9,586.664	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	377,310 83.525%	74,424 16.475%	
128	8.132	6,940.101	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	442,403 85.425%	75,482 14.575%	
128	9.130	9,307.220	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	493,777 84.986%	87,235 15.014%	
128	10.127	9,482.717	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	545,915 84.705%	98,573 15.295%	
128	11.145	9,267.214	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	604,414 85.176%	105,189 14.824%	
128	12.132	9,380.185	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	660,998 85.470%	112,374 14.530%	
128	13.130	9,317.490	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	717,389 85.680%	119,896 14.320%	
128	14.128	9,409.751	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	765,686 85.091%	134,161 14.909%	
128	15.135	8,778.070	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	825,954 85.541%	139,612 14.459%	
128	16.133	8,265.015	3957.860 ≤ 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	10000.000 > 0	0	0	0	889,580 86.281%	141,443 13.719%	

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

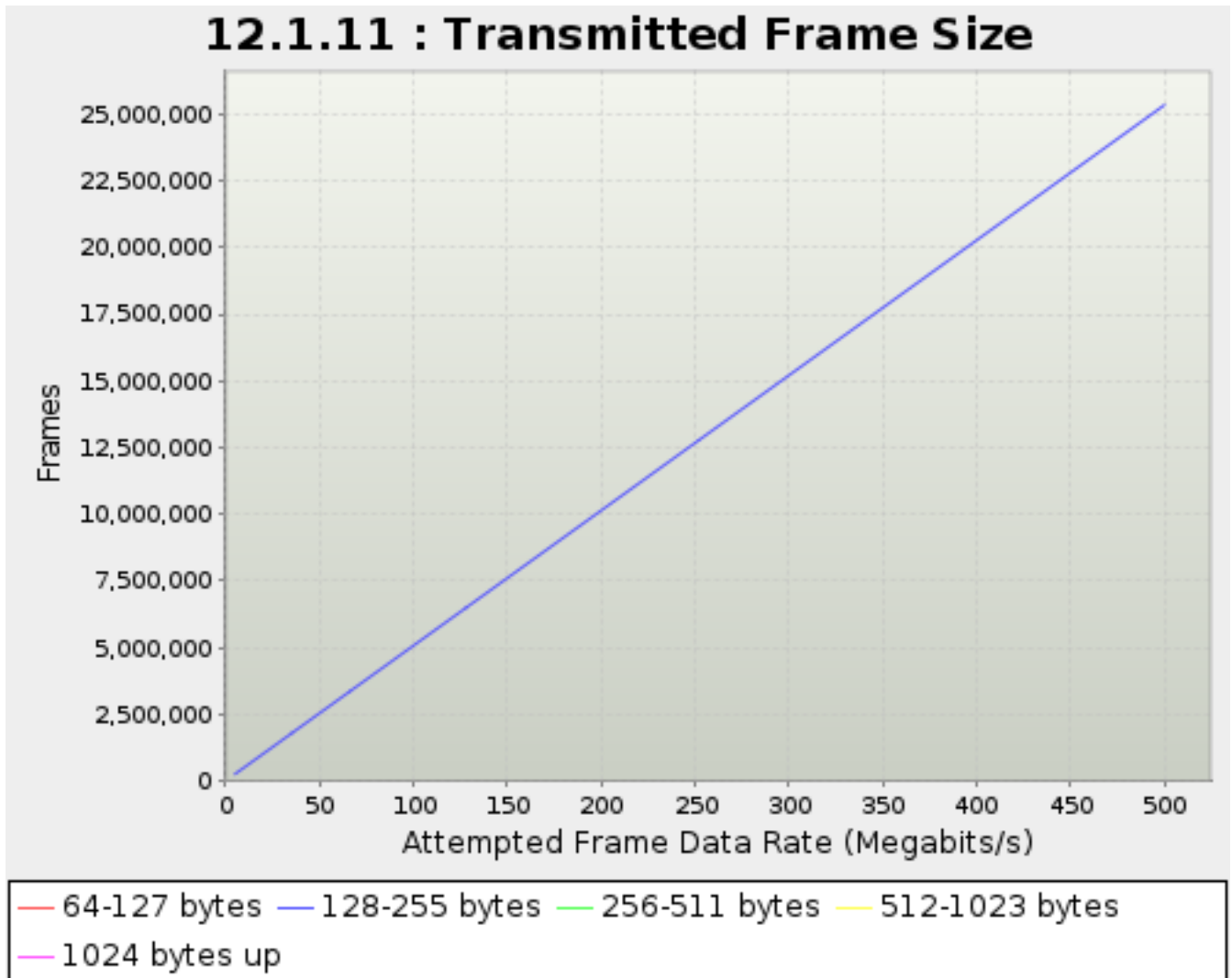
12.1.10. Component Summary

Attempted Frame Data Rate	Frames transmitted	Frames received	Frame bytes transmitted	Frame bytes received
	<i>Frames</i>		<i>Frame bytes</i>	
5	253,320	248,354 98.040%	32,424,960	31,789,312 98.040%
35	1,773,600	1,738,826 98.039%	227,020,800	222,569,728 98.039%
66	3,344,580	3,277,492 97.994%	428,106,240	419,518,976 97.994%
128	6,486,480	3,844,050 59.262%	830,269,440	492,038,400 59.262%
252	12,770,220	5,796,131 45.388%	1,634,588,160	741,904,768 45.388%
500	25,337,820	3,782,737 14.929%	3,243,240,960	484,190,336 14.929%

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	~4160	5.001	4.925
35	~29560	~29110	~35	34.46
66	~55740	~54920	~66	65.03
128	~108100	~66310	~128	78.51
252	~212800	~102300	~252	121.2
500	~422300	~66160	~500	78.33

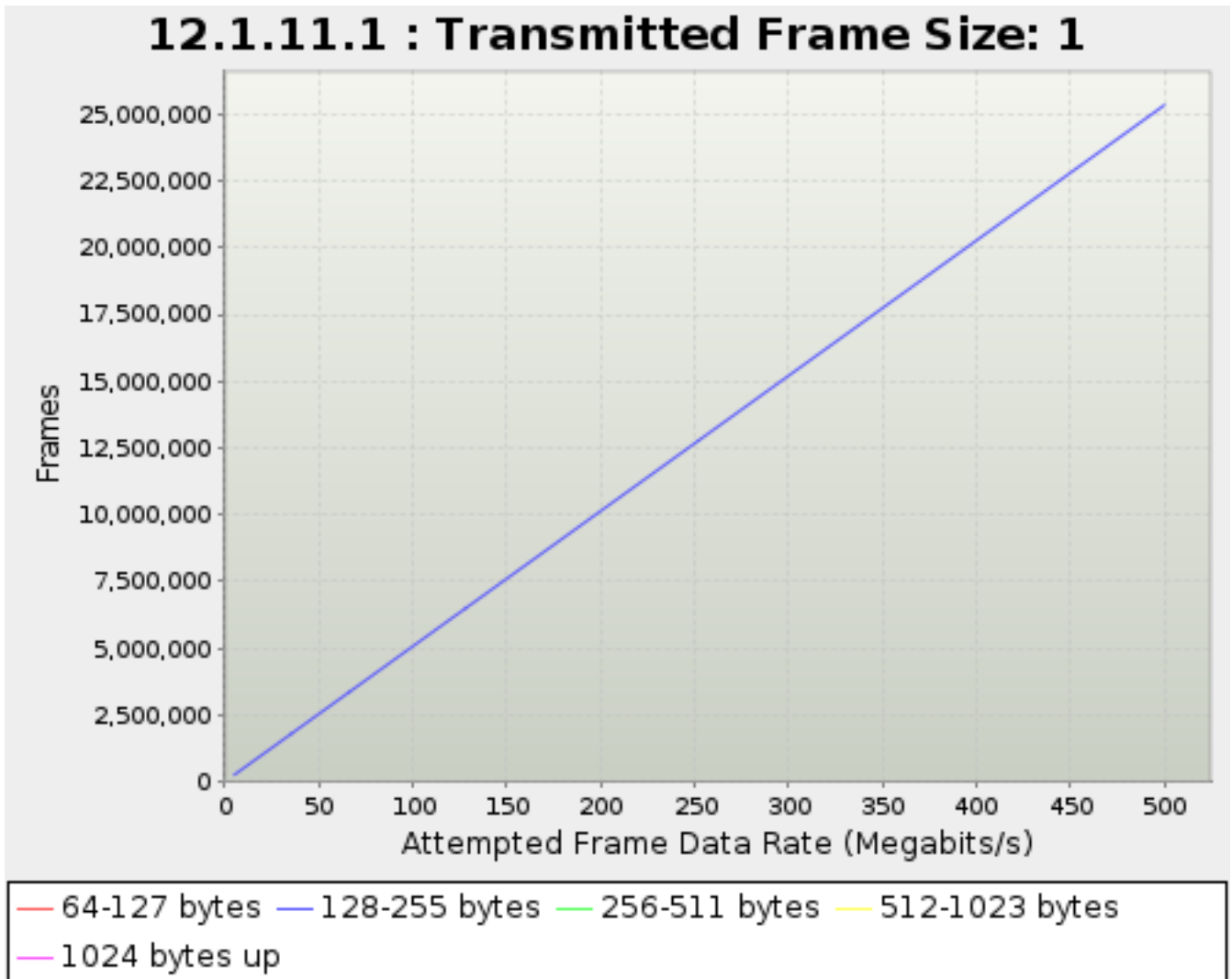
Attempted Frame Data Rate	Corrupted frames received	Out-of-sequence frames received	Frames not received on the correct port	Frames received more than once	Slow start frames sent	Dropped frames	Frames received with bad IP checksum	Frames received with bad UDP checksum
	<i>Frames</i>							
5	0	5,064	0	0	64	4,966	0	0
35	0	36,338	0	0	64	34,774	0	0
66	0	68,178	0	0	64	67,088	0	0
128	0	888,170	0	0	64	2,642,430	0	0
252	0	1,574,854	0	0	64	6,974,089	0	0
500	0	1,649,731	0	0	64	21,555,083	0	0

12.1.11. Transmitted Frame Size



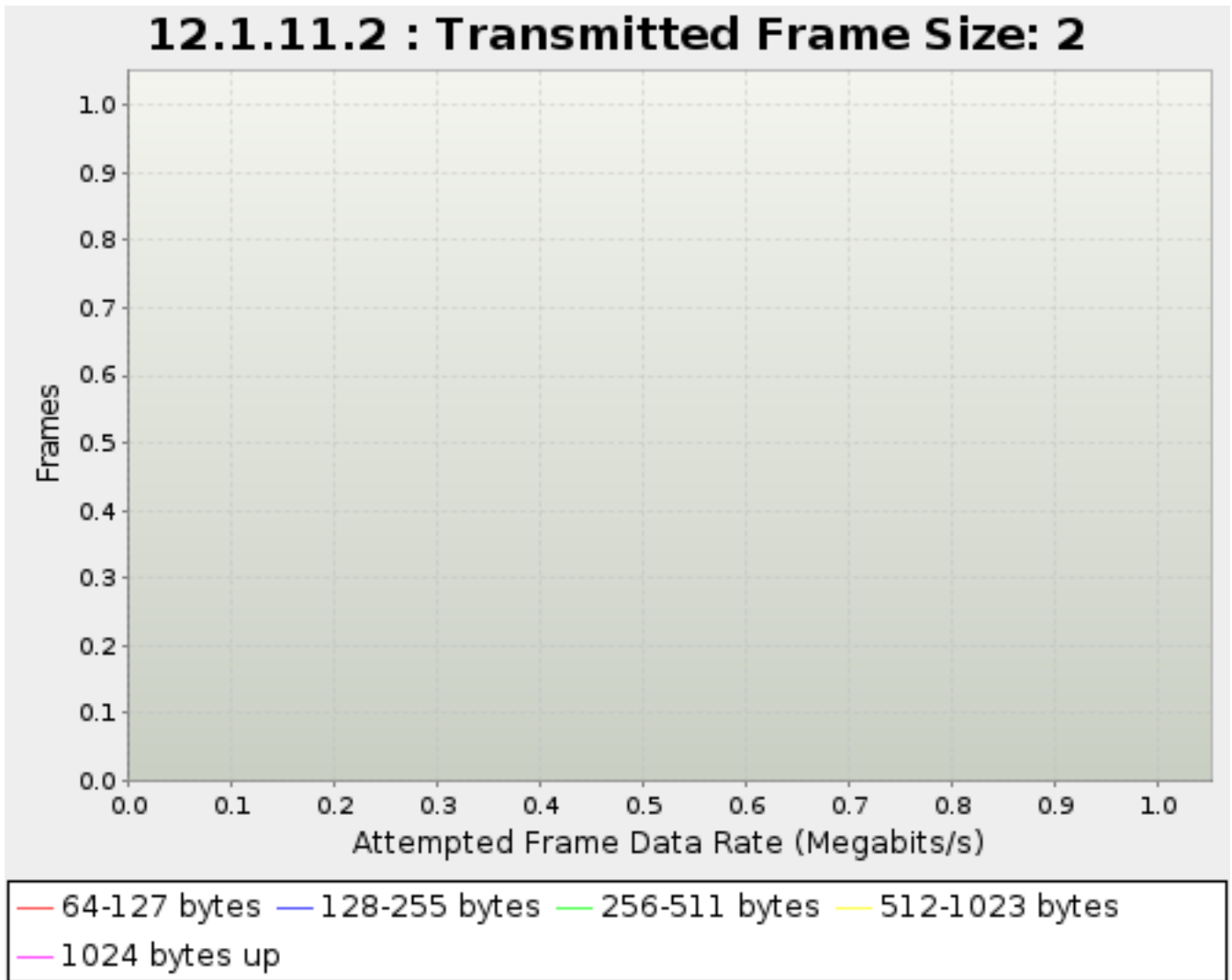
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
5	62.597	0	253,320	0	0	0
35	62.265	0	1,773,600	0	0	0
66	62.385	0	3,344,580	0	0	0
128	62.275	0	6,486,480	0	0	0
252	62.718	0	12,770,220	0	0	0
500	62.083	0	25,337,820	0	0	0

12.1.11.1. Transmitted Frame Size: 1



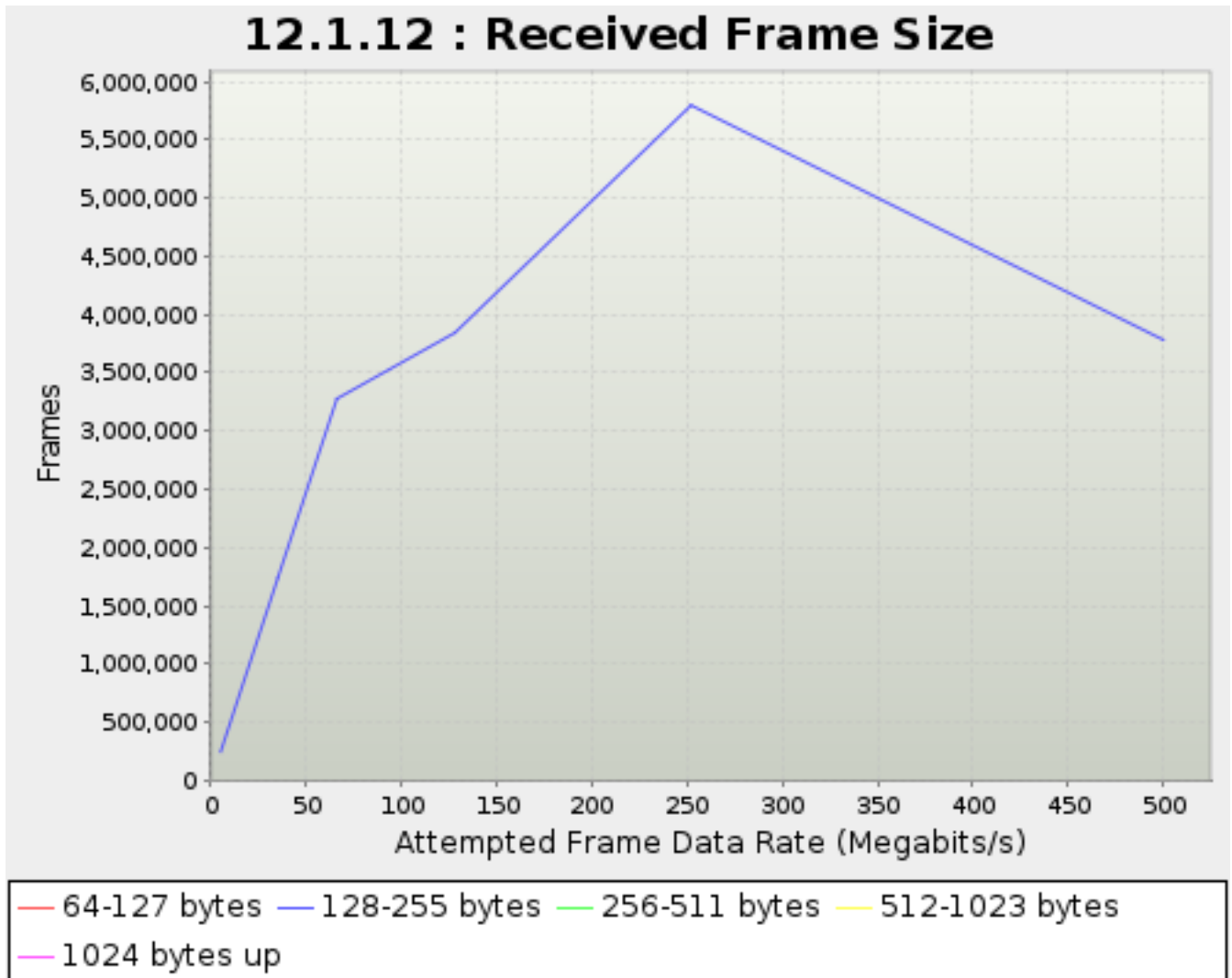
Attempted Frame Data Rate	Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
	<i>Seconds</i>	<i>Frames</i>				
5	62.597	0	253,320	0	0	0
35	62.265	0	1,773,600	0	0	0
66	62.385	0	3,344,580	0	0	0
128	62.275	0	6,486,480	0	0	0
252	62.718	0	12,770,220	0	0	0
500	62.083	0	25,337,820	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	62.597	0	0	0	0	0
35	62.265	0	0	0	0	0
66	62.385	0	0	0	0	0
128	62.275	0	0	0	0	0
252	62.718	0	0	0	0	0
500	62.083	0	0	0	0	0

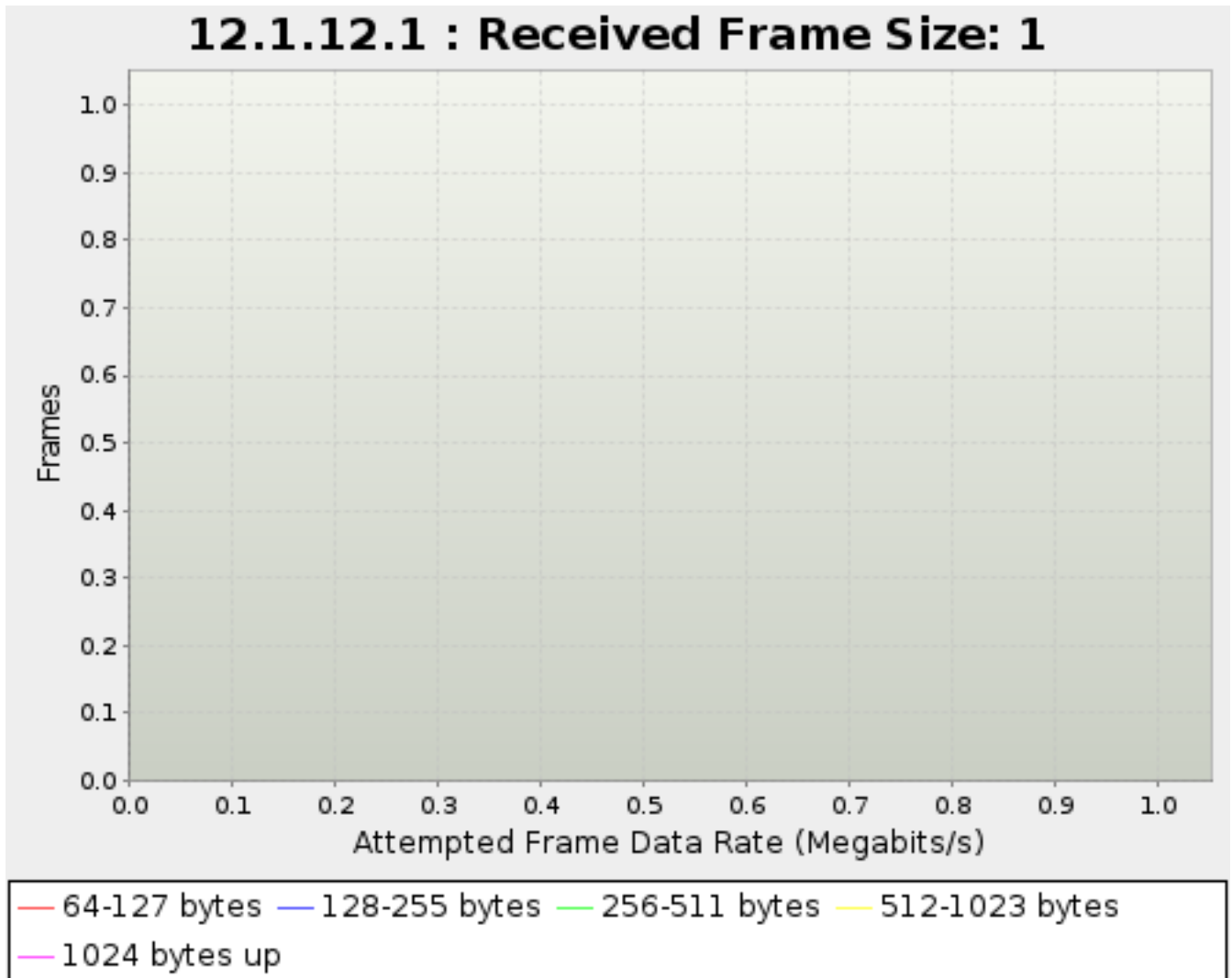
12.1.12. Received Frame Size



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	62.597	0	248,354	0	0	0
35	62.265	0	1,738,826	0	0	0
66	62.385	0	3,277,492	0	0	0
128	62.275	0	3,844,050	0	0	0
252	62.718	0	5,796,131	0	0	0
500	62.083	0	3,782,737	0	0	0

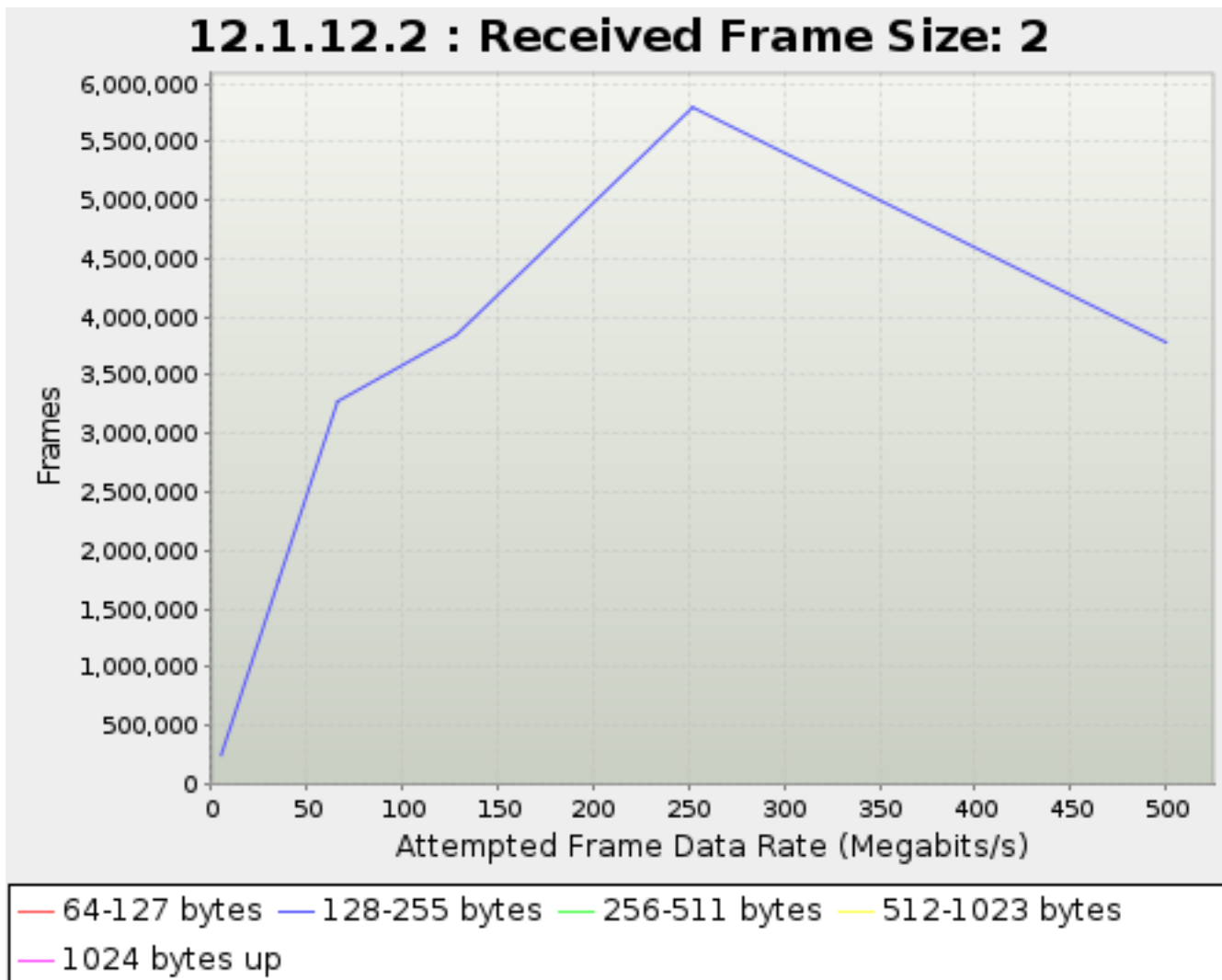
12.1.12.1. Received Frame Size: 1



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	62.597	0	0	0	0	0
35	62.265	0	0	0	0	0
66	62.385	0	0	0	0	0
128	62.275	0	0	0	0	0
252	62.718	0	0	0	0	0
500	62.083	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	62.597	0	248,354	0	0	0
35	62.265	0	1,738,826	0	0	0
66	62.385	0	3,277,492	0	0	0
128	62.275	0	3,844,050	0	0	0
252	62.718	0	5,796,131	0	0	0
500	62.083	0	3,782,737	0	0	0

12.2. Aggregate Stats

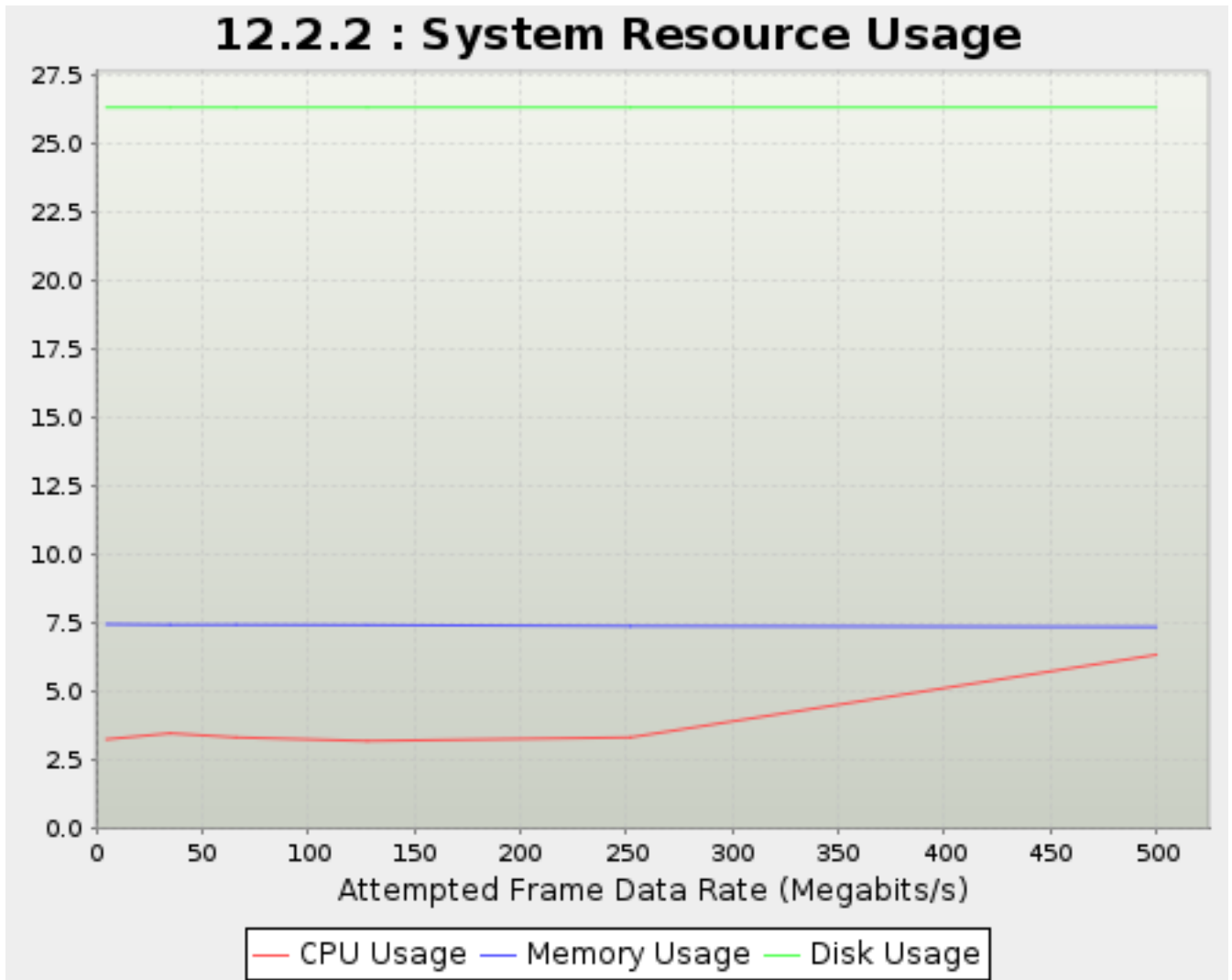
12.2.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

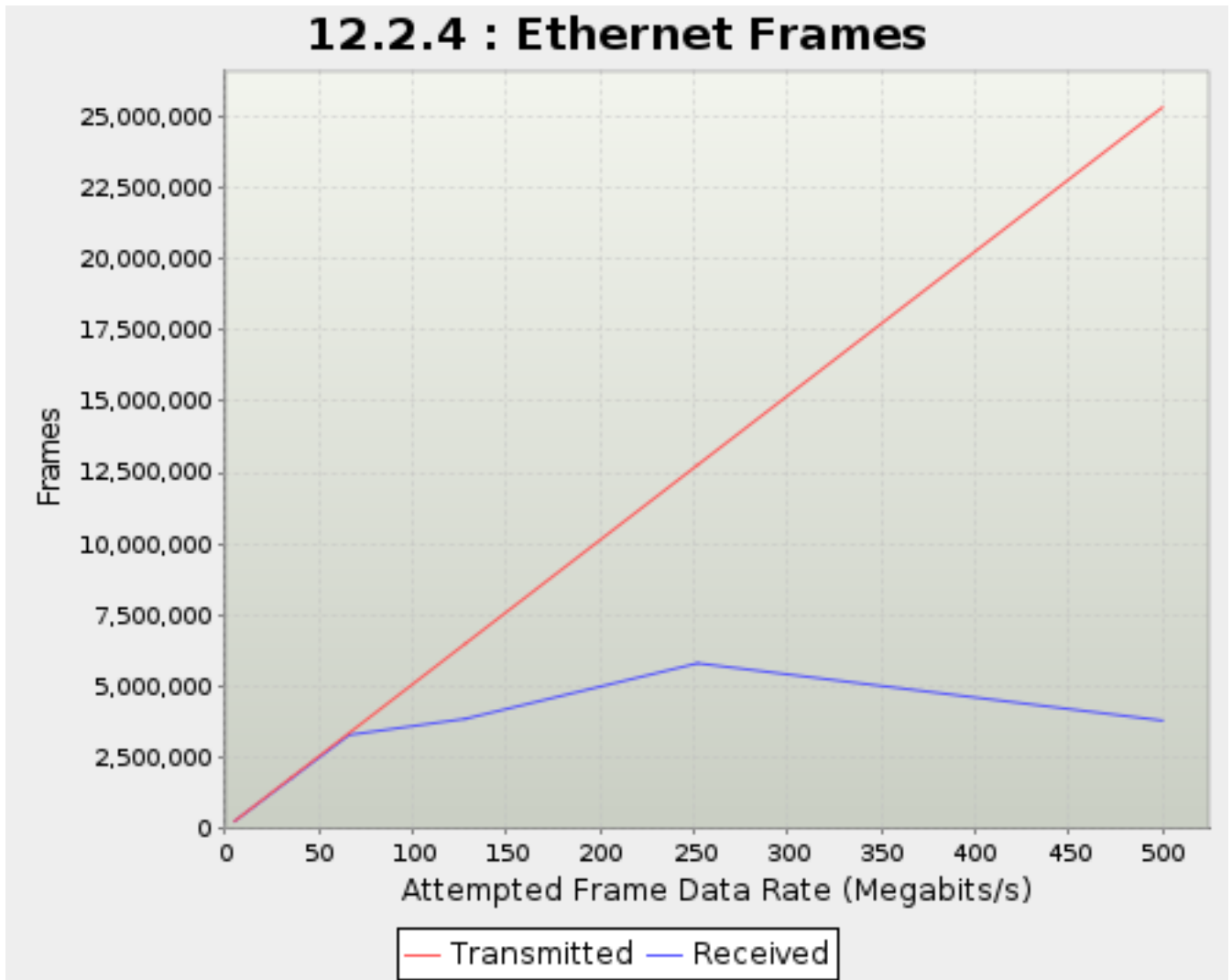
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0, np1-0
System Controller 0 statistics	sc0, sc0, sc0, sc0, sc0, sc0

12.2.2. System Resource Usage



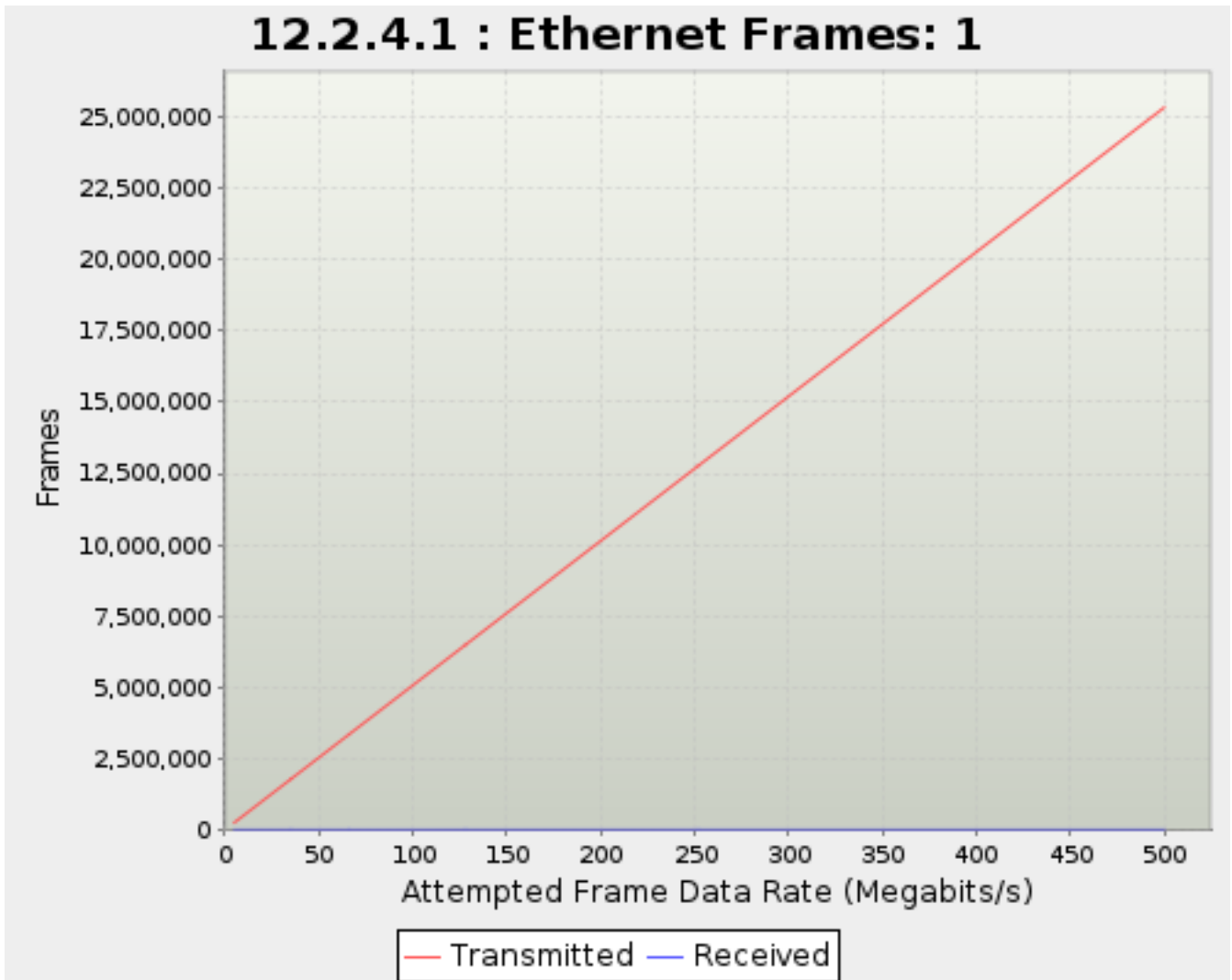
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
5	63.843	3.25	7.46	26.36
35	63.671	3.47	7.44	26.36
66	63.693	3.32	7.44	26.36
128	63.723	3.19	7.43	26.36
252	63.874	3.32	7.39	26.36
500	63.278	6.34	7.36	26.36

12.2.4. Ethernet Frames



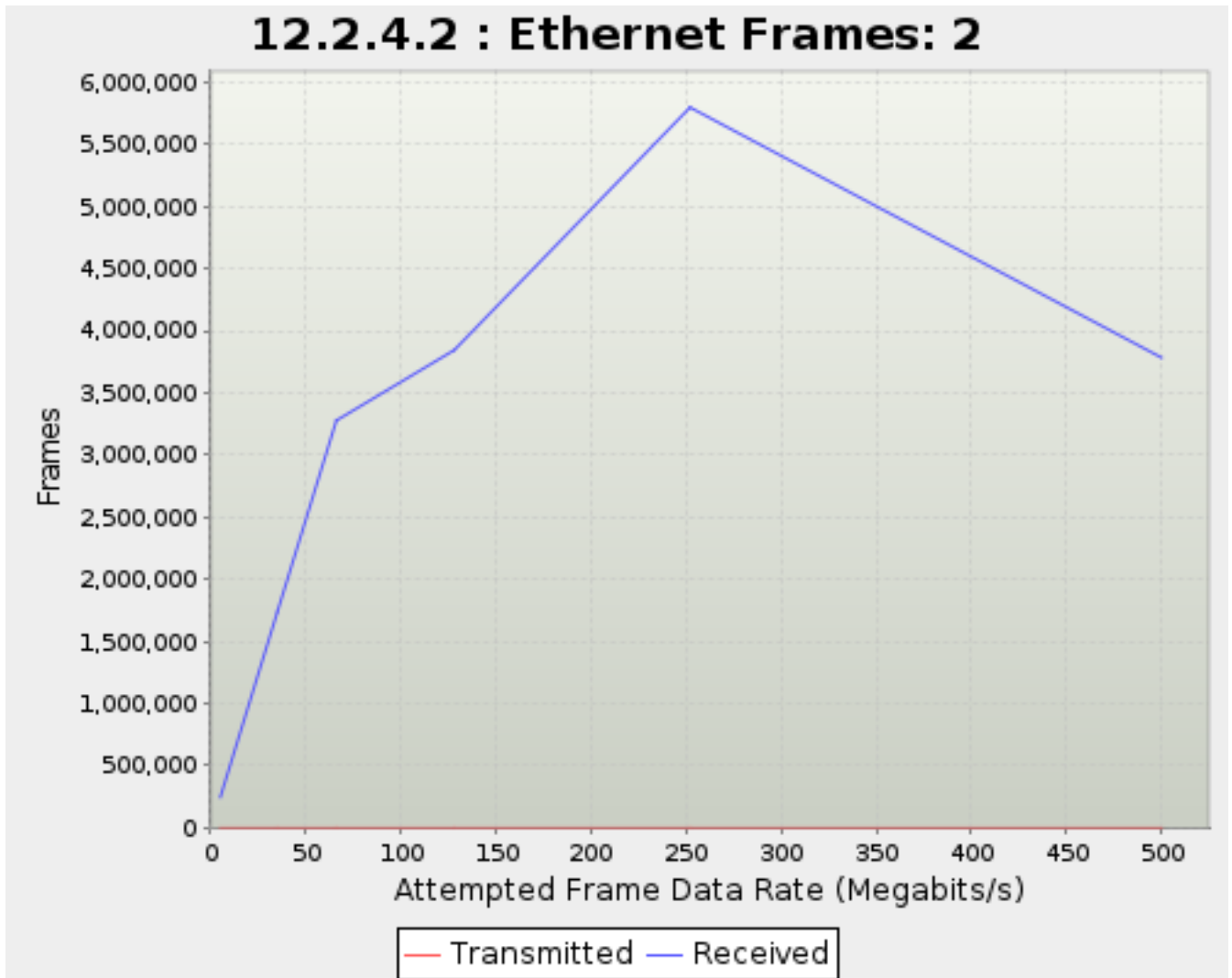
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.837	254,222	249,350 98.084%
35	63.665	1,774,399	1,739,725 98.046%
66	63.695	3,345,525	3,278,586 97.999%
128	63.716	6,487,435	3,845,082 59.270%
252	63.867	12,770,951	5,796,951 45.392%
500	63.222	25,338,662	3,783,705 14.933%

12.2.4.1. Ethernet Frames: 1



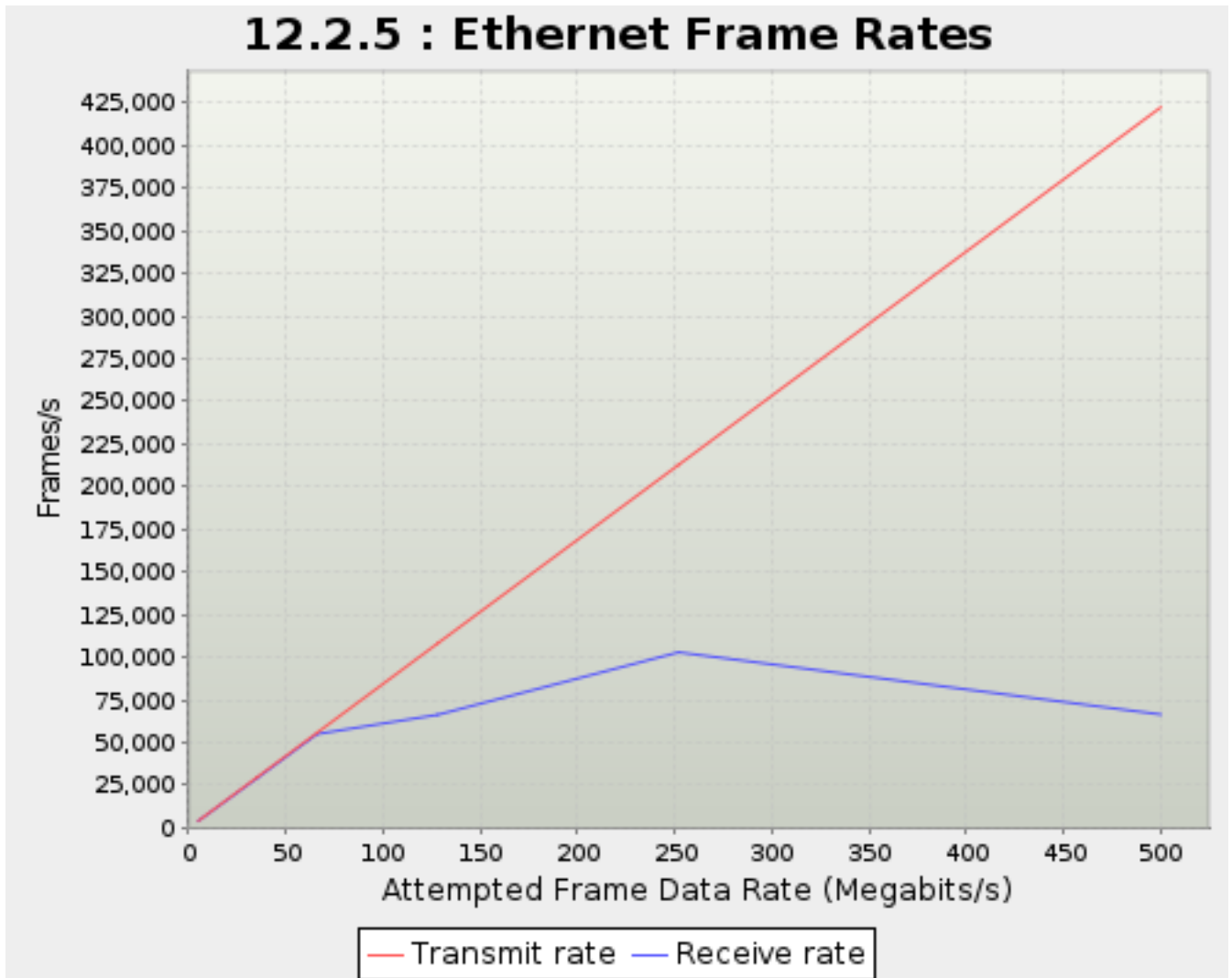
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.837	254,100	744 0.293%
35	63.665	1,774,334	702 0.040%
66	63.695	3,345,459	897 0.027%
128	63.716	6,487,310	775 0.012%
252	63.867	12,770,885	622 0.005%
500	63.222	25,338,596	773 0.003%

12.2.4.2. Ethernet Frames: 2



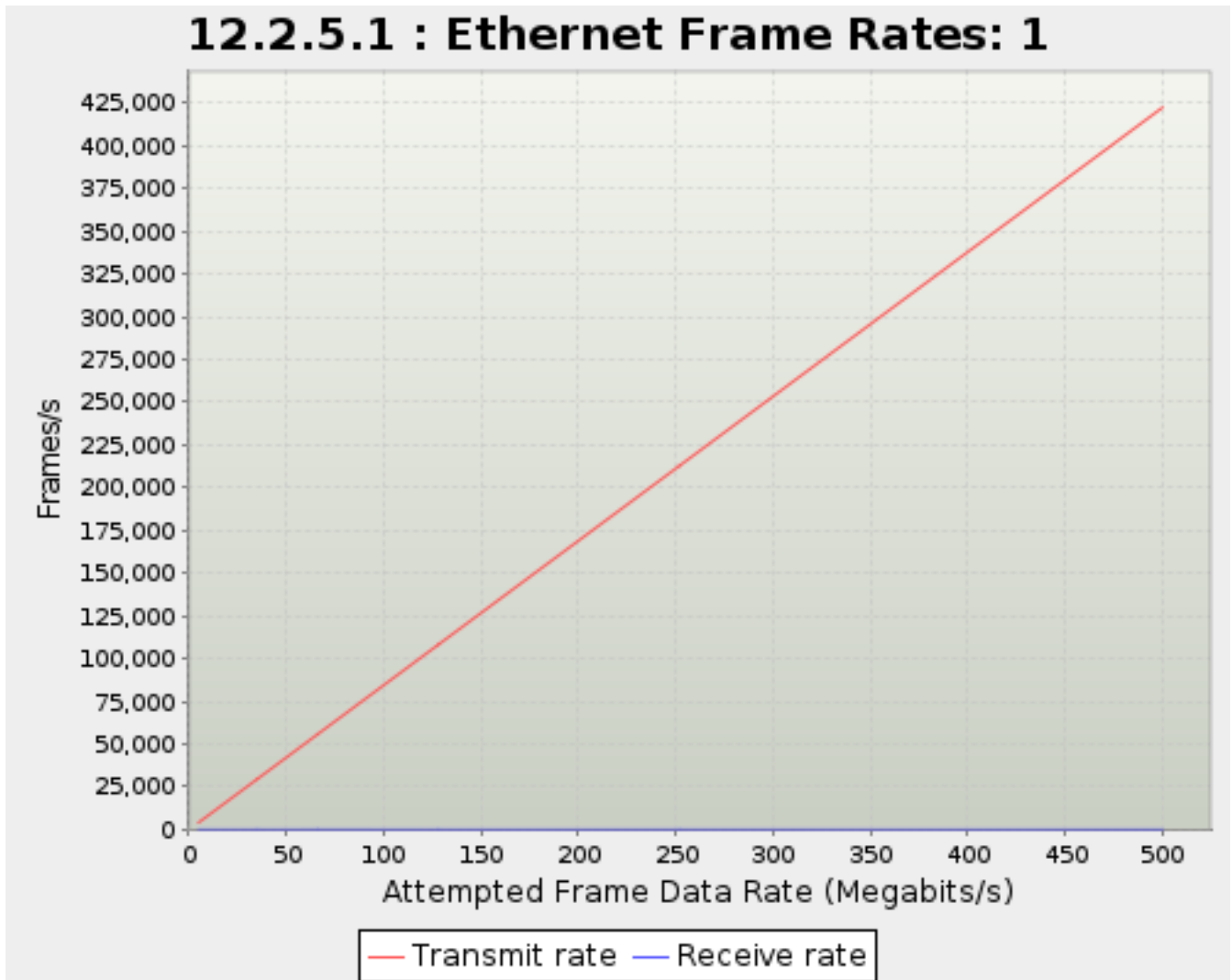
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.837	122	248,606 203775.410%
35	63.665	65	1,739,023 2675420.000%
66	63.695	66	3,277,689 4966195.455%
128	63.716	125	3,844,307 3075445.600%
252	63.867	66	5,796,329 8782316.667%
500	63.222	66	3,782,932 5731715.152%

12.2.5. Ethernet Frame Rates



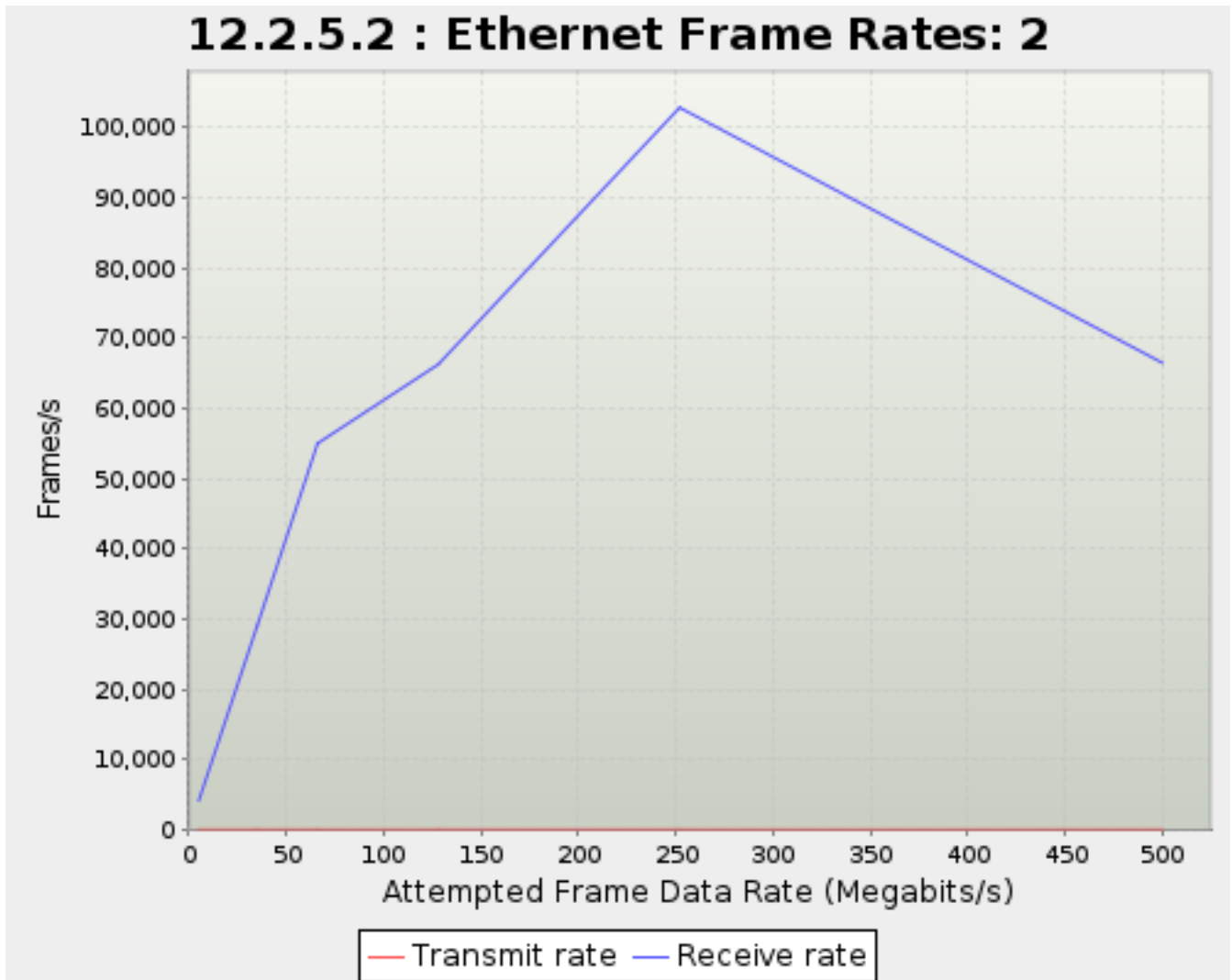
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	63.837	~4311	~4231
35	63.665	~29640	~29130
66	63.695	~55840	~55110
128	63.716	~108200	~66370
252	63.867	~212900	~103000
500	63.222	~422400	~66580

12.2.5.1. Ethernet Frame Rates: 1



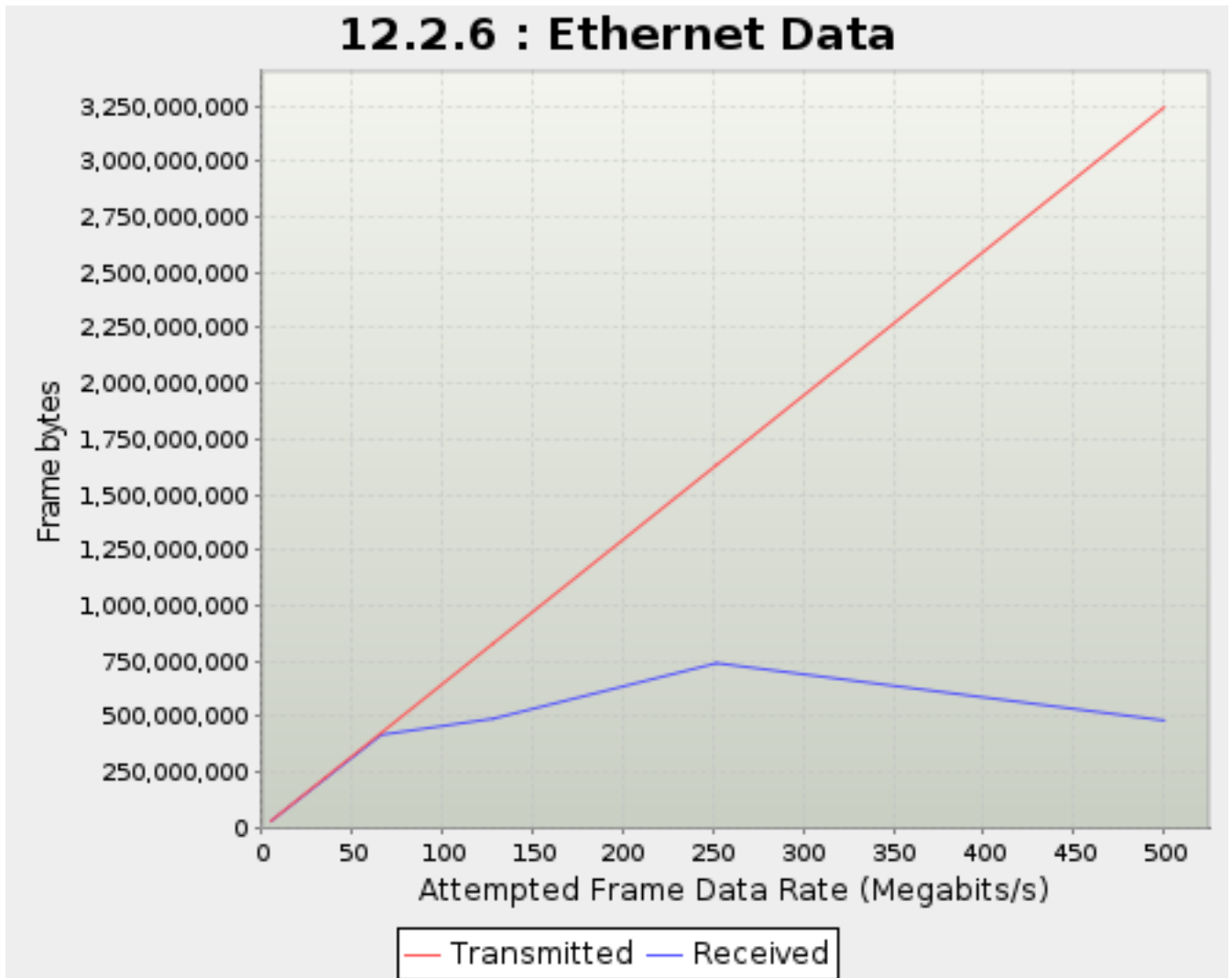
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	63.837	~4282	59.14
35	63.665	~29610	45.57
66	63.695	~55810	67.16
128	63.716	~108200	54.13
252	63.867	~212900	53.59
500	63.222	~422300	50.61

12.2.5.2. Ethernet Frame Rates: 2



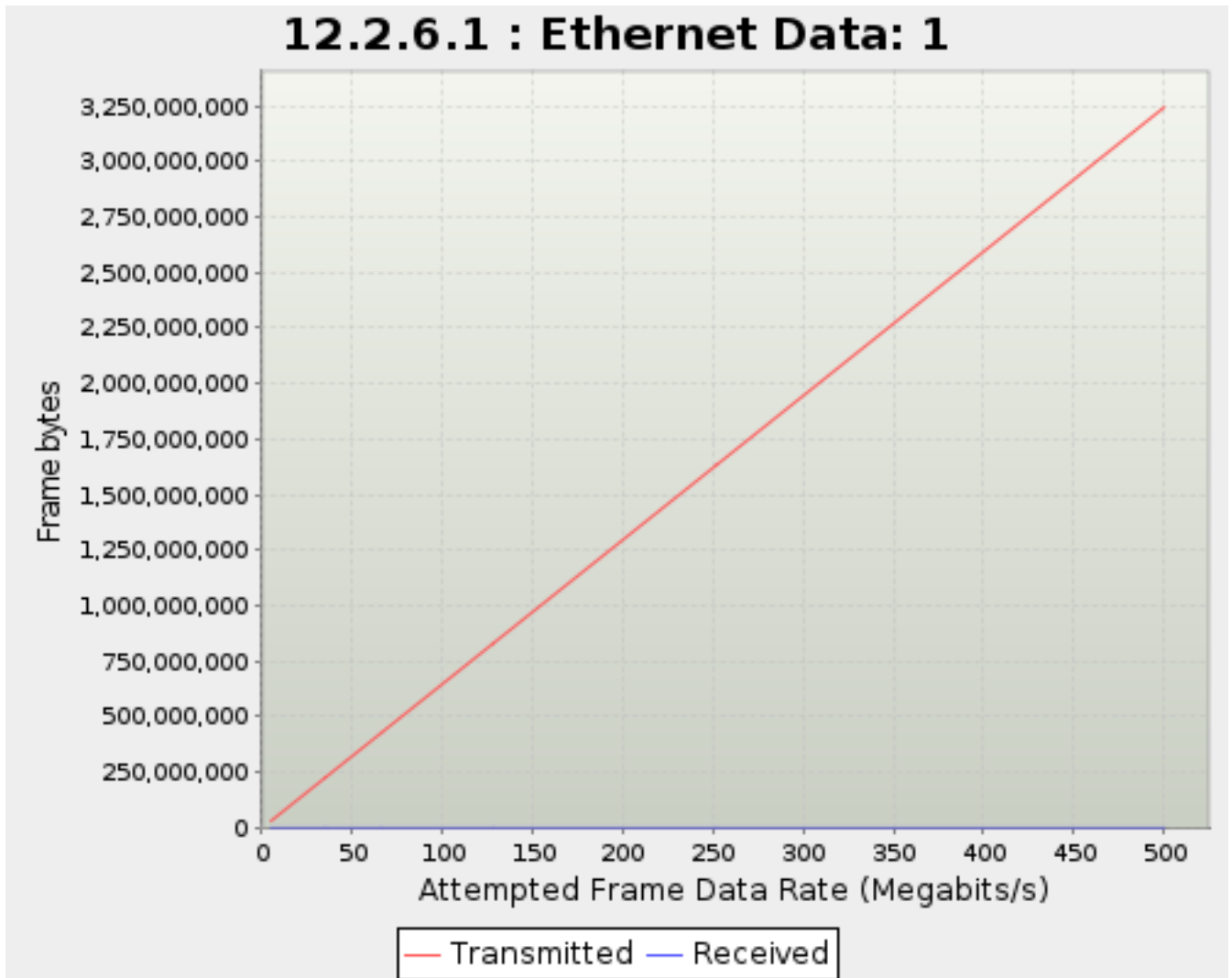
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	63.837	29.07	~4172
35	63.665	30.07	~29080
66	63.695	31.07	~55050
128	63.716	31.76	~66310
252	63.867	31.07	~102900
500	63.222	31.07	~66530

12.2.6. Ethernet Data



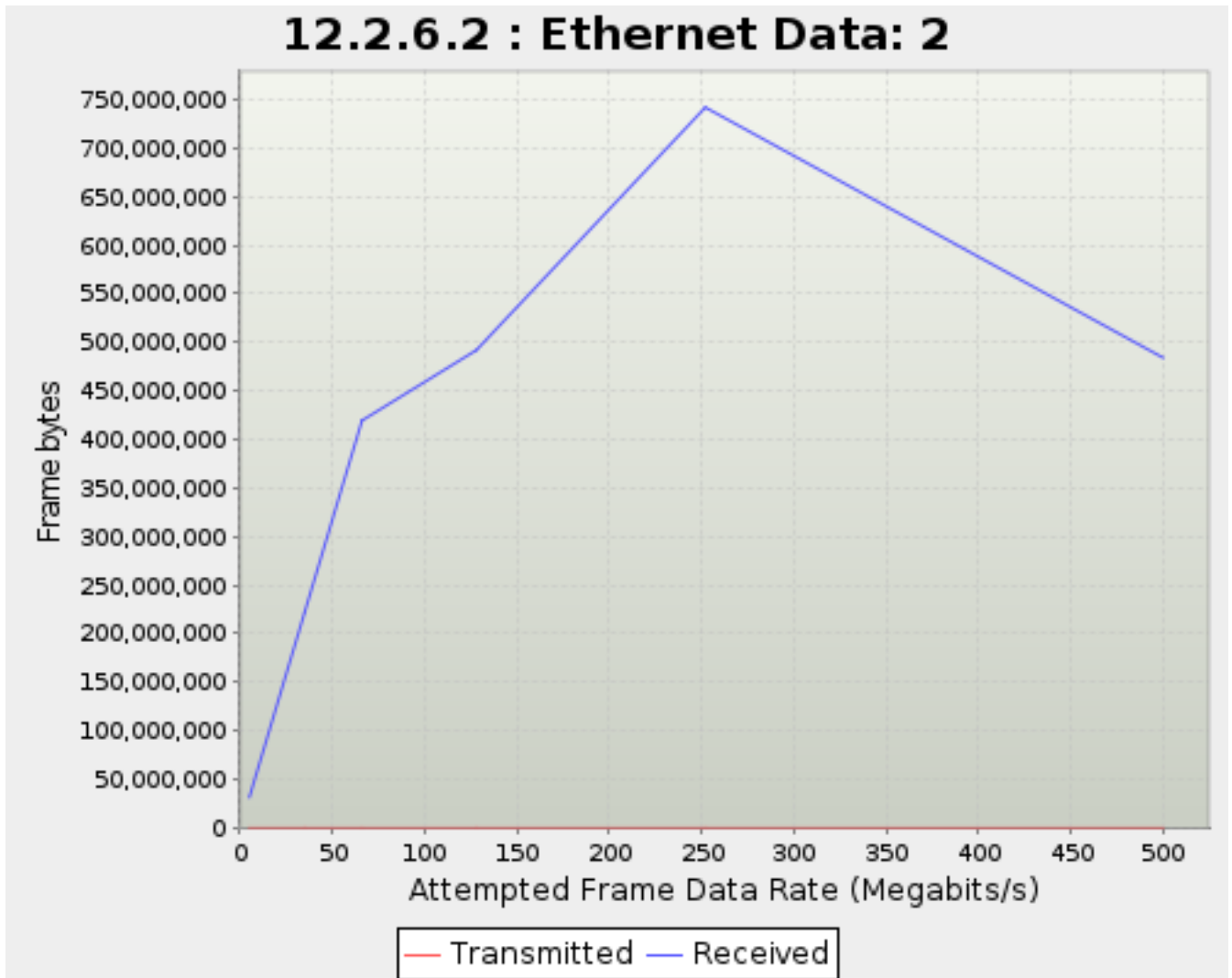
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	63.837	32,486,784	31,857,422 98.063%
35	63.665	227,076,032	222,631,694 98.043%
66	63.695	428,170,816	419,593,513 97.997%
128	63.716	830,334,656	492,108,945 59.266%
252	63.867	1,634,638,976	741,961,769 45.390%
500	63.222	3,243,298,944	484,256,702 14.931%

12.2.6.1. Ethernet Data: 1



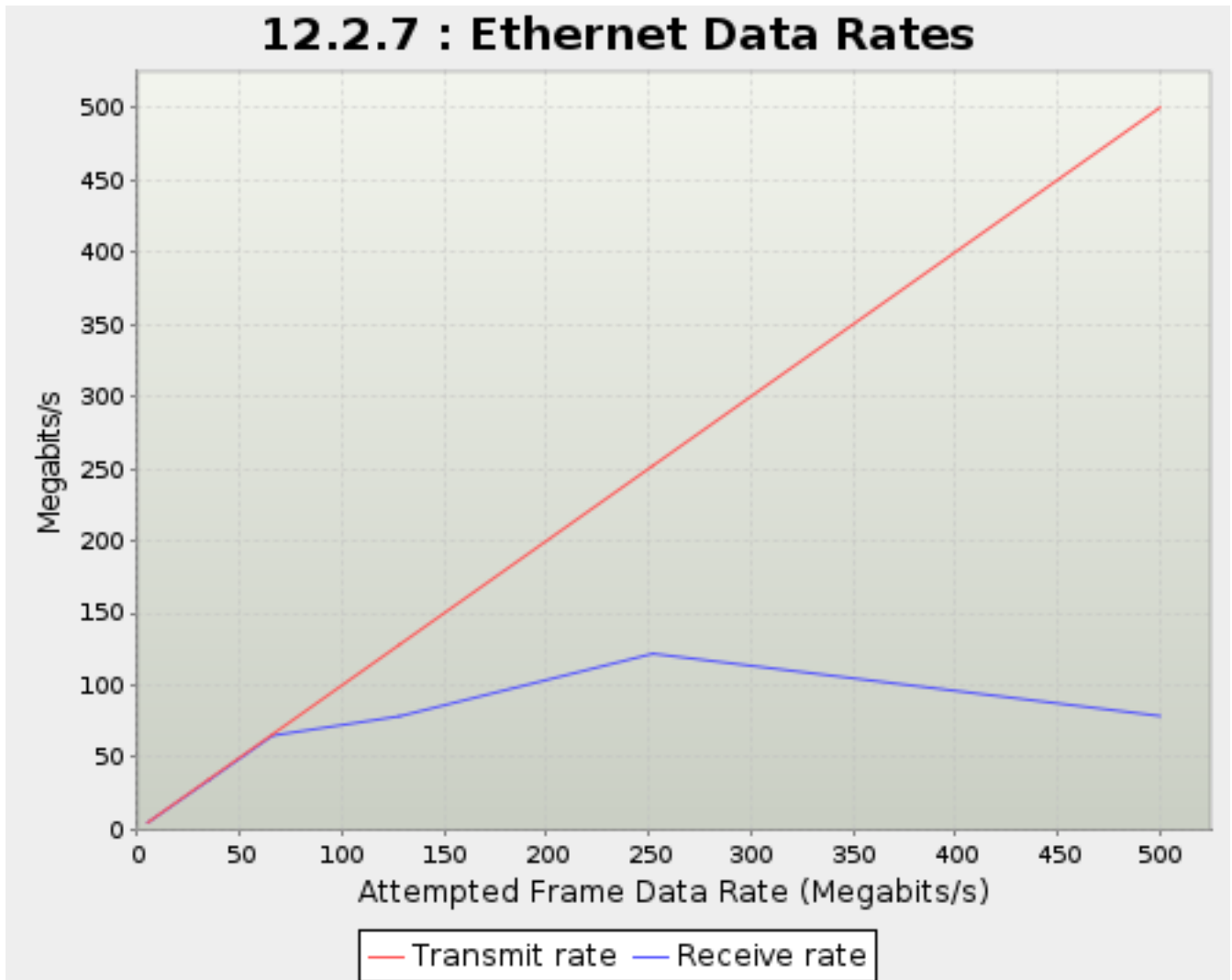
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	63.837	32,478,976	47,616 0.147%
35	63.665	227,071,872	44,928 0.020%
66	63.695	428,166,592	57,408 0.013%
128	63.716	830,326,656	49,600 0.006%
252	63.867	1,634,634,752	39,808 0.002%
500	63.222	3,243,294,720	49,472 0.002%

12.2.6.2. Ethernet Data: 2



Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	63.837	7,808	31,809,806 407400.179%
35	63.665	4,160	222,586,766 5350643.413%
66	63.695	4,224	419,536,105 9932199.455%
128	63.716	8,000	492,059,345 6150741.813%
252	63.867	4,224	741,921,961 17564440.365%
500	63.222	4,224	484,207,230 11463239.347%

12.2.7. Ethernet Data Rates



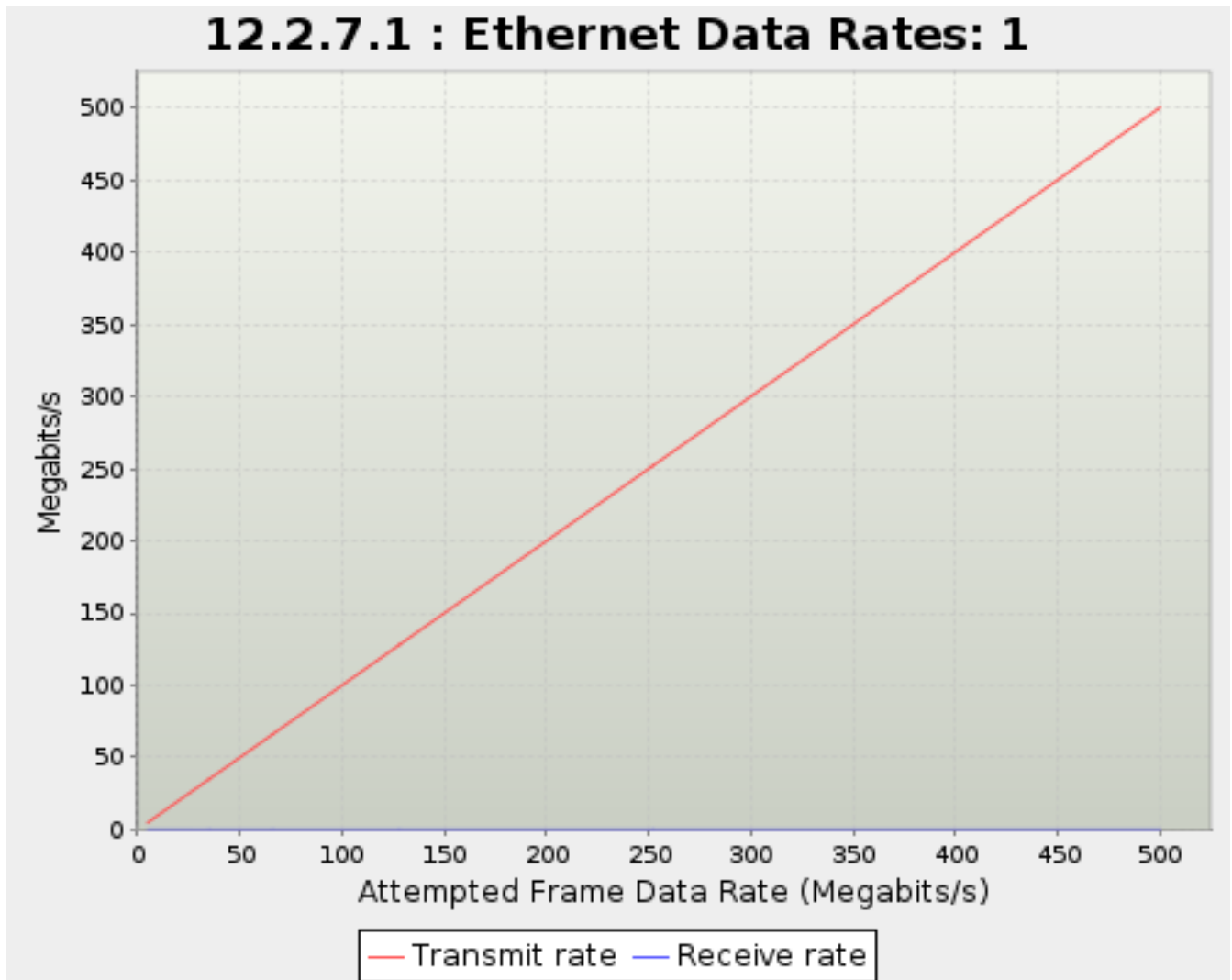
Data Rate shown includes Ethernet overhead.

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	63.837	5.060	4.963
35	63.665	35.05	34.46
66	63.695	66.07	65.22
128	63.716	128.1	78.55
252	63.867	252.1	121.9
500	63.222	500.1	78.80

12.2.7.1. Ethernet Data Rates: 1



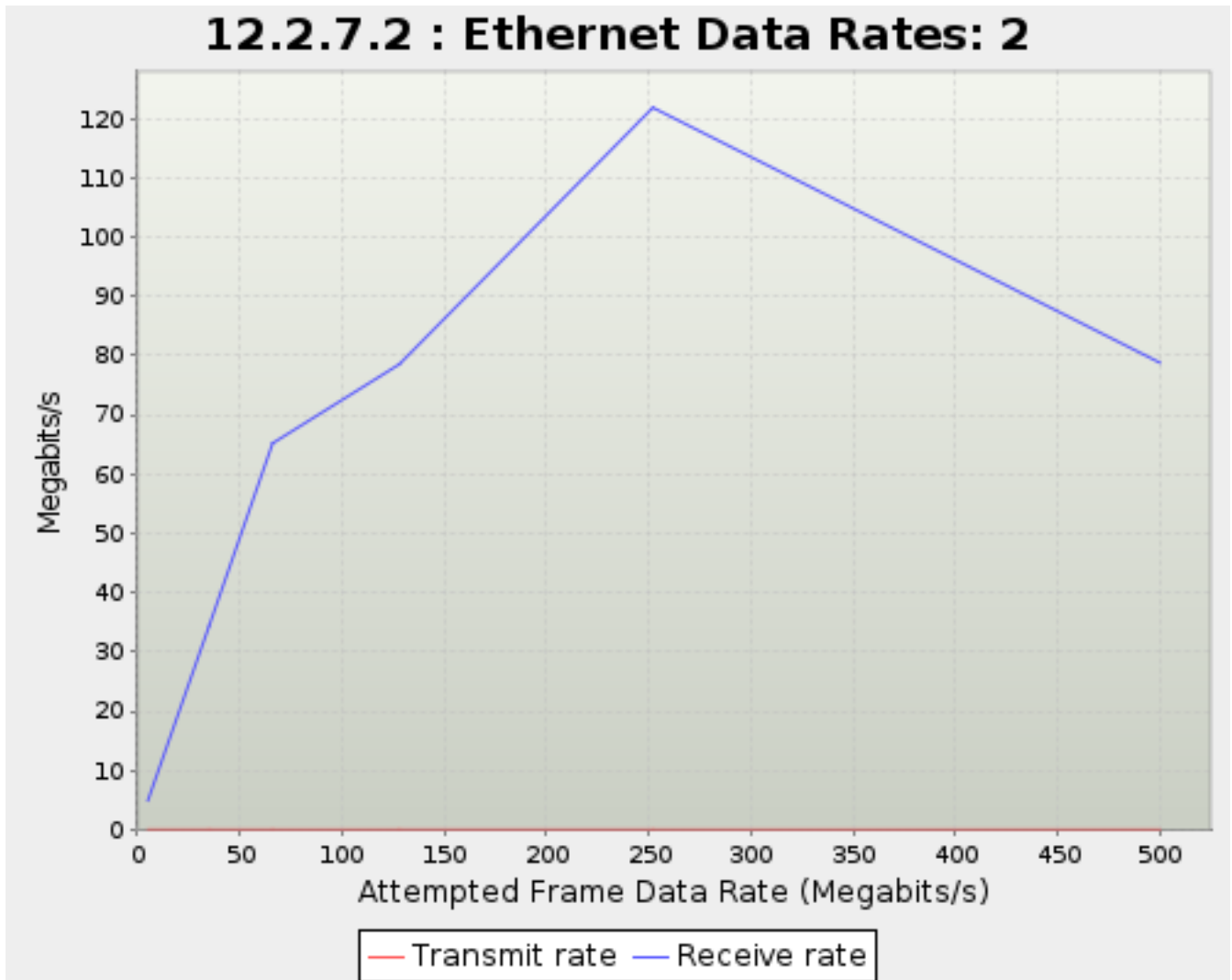
Data Rate shown includes Ethernet overhead.

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	63.837	5.040	0.03974
35	63.665	35.03	0.03062
66	63.695	66.05	0.04513
128	63.716	~128	0.03638
252	63.867	~252	0.03601
500	63.222	~500	0.03401

12.2.7.2. Ethernet Data Rates: 2



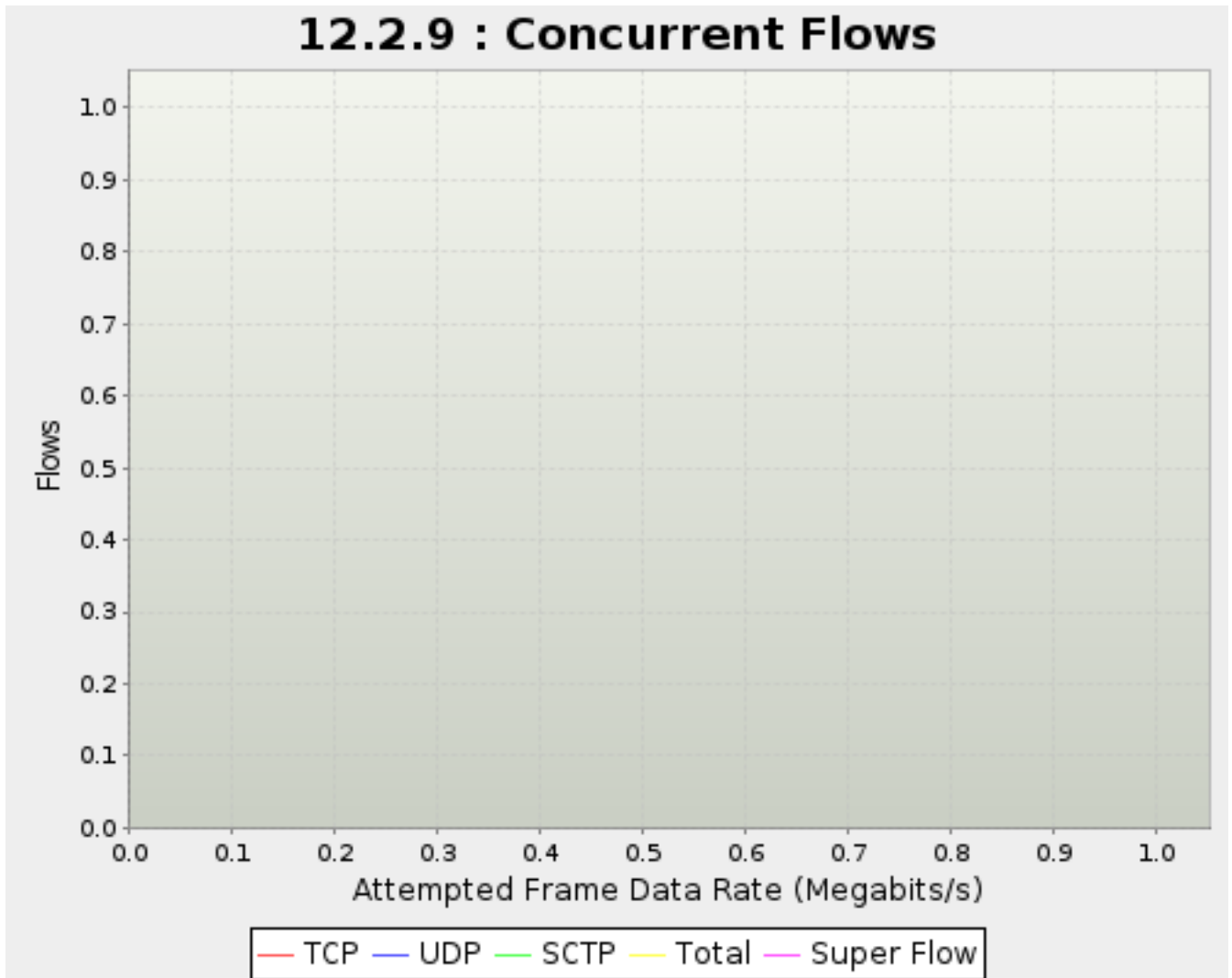
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

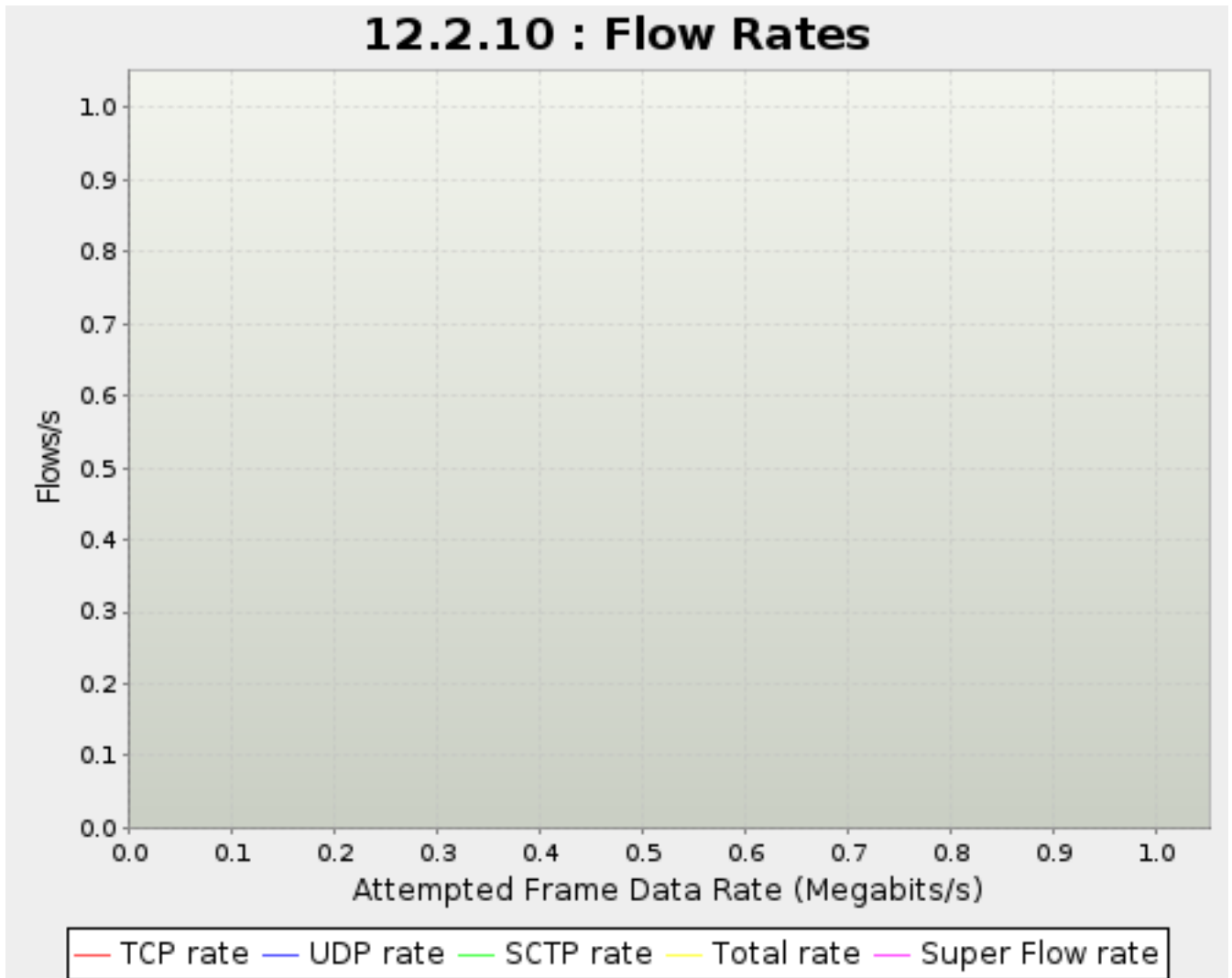
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	63.837	0.01953	4.924
35	63.665	0.02021	34.43
66	63.695	0.02088	65.18
128	63.716	0.02134	78.52
252	63.867	0.02088	121.8
500	63.222	0.02088	78.77

12.2.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
5	63.312	0	0	0	0	0
35	63.139	0	0	0	0	0
66	63.202	0	0	0	0	0
128	63.146	0	0	0	0	0
252	63.368	0	0	0	0	0
500	63.047	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	63.312	0.00	0.00	0.00	0.00	0.00
35	63.139	0.00	0.00	0.00	0.00	0.00
66	63.202	0.00	0.00	0.00	0.00	0.00
128	63.146	0.00	0.00	0.00	0.00	0.00
252	63.368	0.00	0.00	0.00	0.00	0.00
500	63.047	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		192.168.0.0/16	192.168.0.1	up
66	0		10.201.0.0/16	10.201.0.254	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		10.201.0.0/16	10.201.0.254	up
252	0		192.168.0.0/16	192.168.0.1	up
500	57.047		192.168.0.0/16	192.168.0.1	up
500	0		10.201.0.0/16	10.201.0.254	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	57.047		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	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

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	63.835	6	6	875	832	0	43	0	0
35	63.661	6	6	748	729	0	19	0	0
66	63.688	6	6	972	875	0	97	0	0
128	63.718	6	6	900	885	0	15	0	0
252	63.869	6	6	697	661	0	36	0	0
500	63.223	10	6	800	768	0	32	0	0

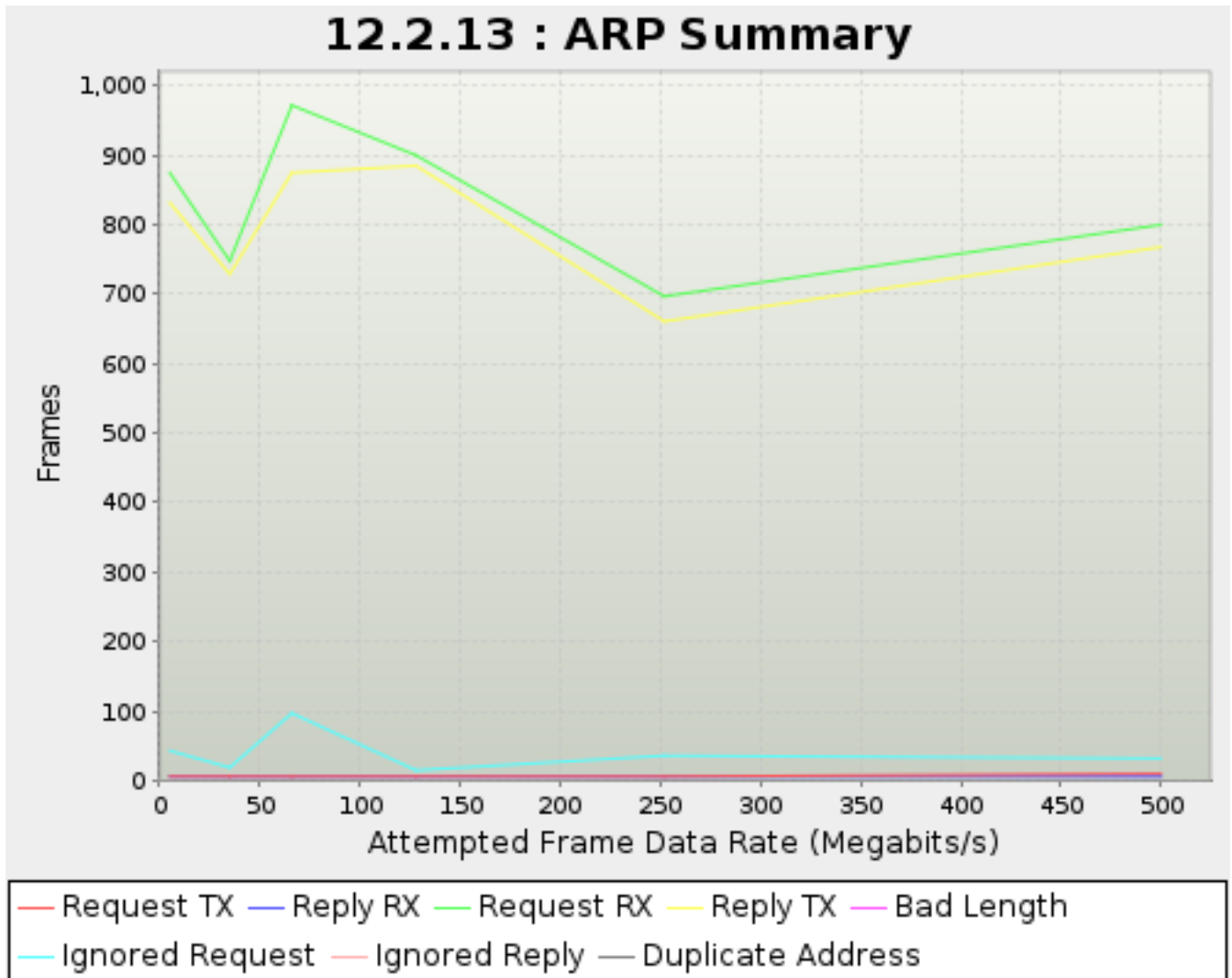
12.2.12.1. ARP: 1

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	63.835	3	3	741	713	0	28	0	0
35	63.661	3	3	670	667	0	3	0	0
66	63.688	3	3	894	812	0	82	0	0
128	63.718	3	3	763	763	0	0	0	0
252	63.869	3	3	619	598	0	21	0	0
500	63.223	7	3	722	705	0	17	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	63.835	3	3	134	119	0	15	0	0
35	63.661	3	3	78	62	0	16	0	0
66	63.688	3	3	78	63	0	15	0	0
128	63.718	3	3	137	122	0	15	0	0
252	63.869	3	3	78	63	0	15	0	0
500	63.223	3	3	78	63	0	15	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	875	832	0	43	0	0
35	6	6	748	729	0	19	0	0
66	6	6	972	875	0	97	0	0
128	6	6	900	885	0	15	0	0
252	6	6	697	661	0	36	0	0
500	10	6	800	768	0	32	0	0

12.2.16. Slot 1 NP np1-0 statistics

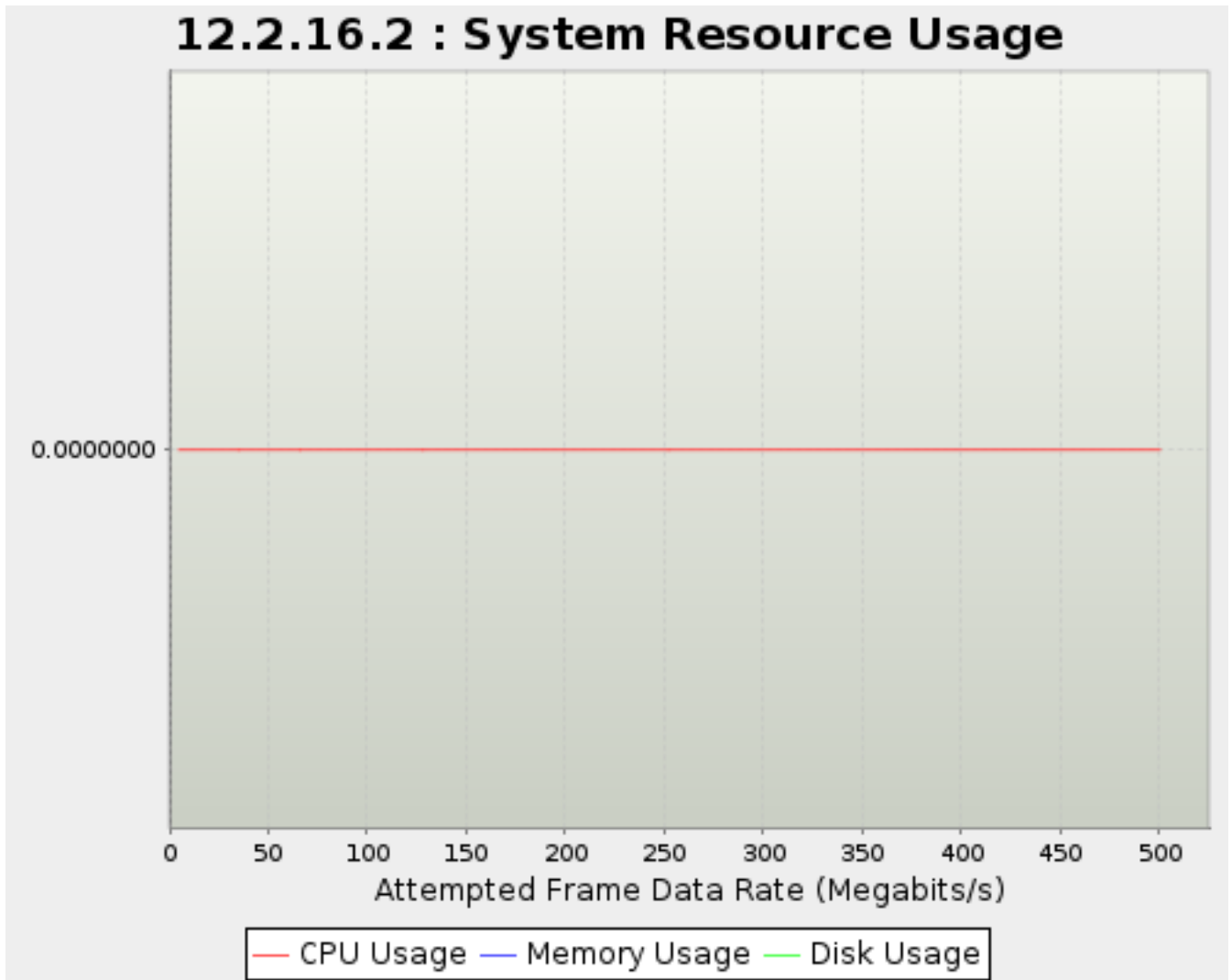
12.2.16.1. Component Description

Component: Aggregate Statistics

This component measures aggregate system and network statistics.

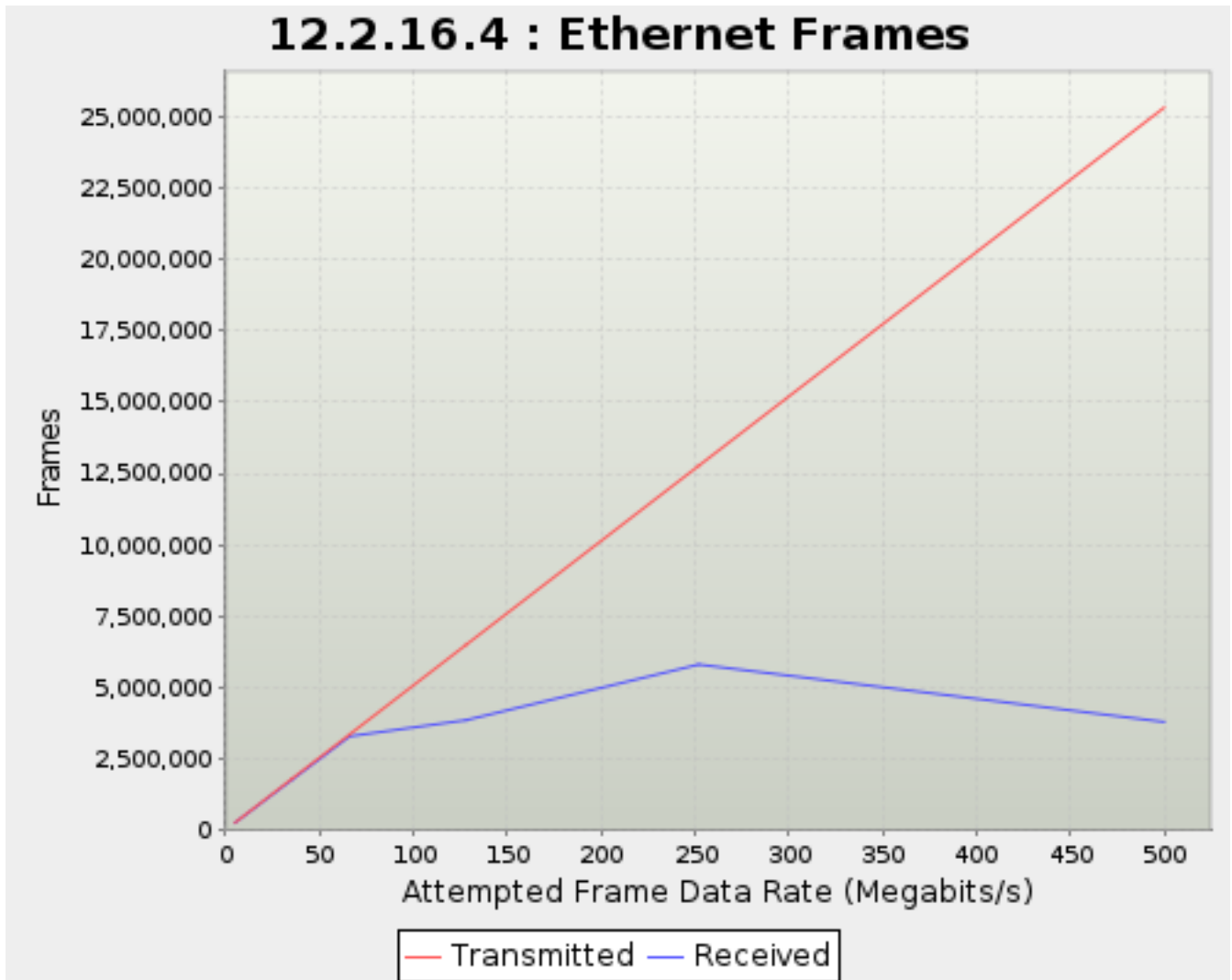
Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0, np1-0, np1-0, np1-0, np1-0, np1-0

12.2.16.2. System Resource Usage



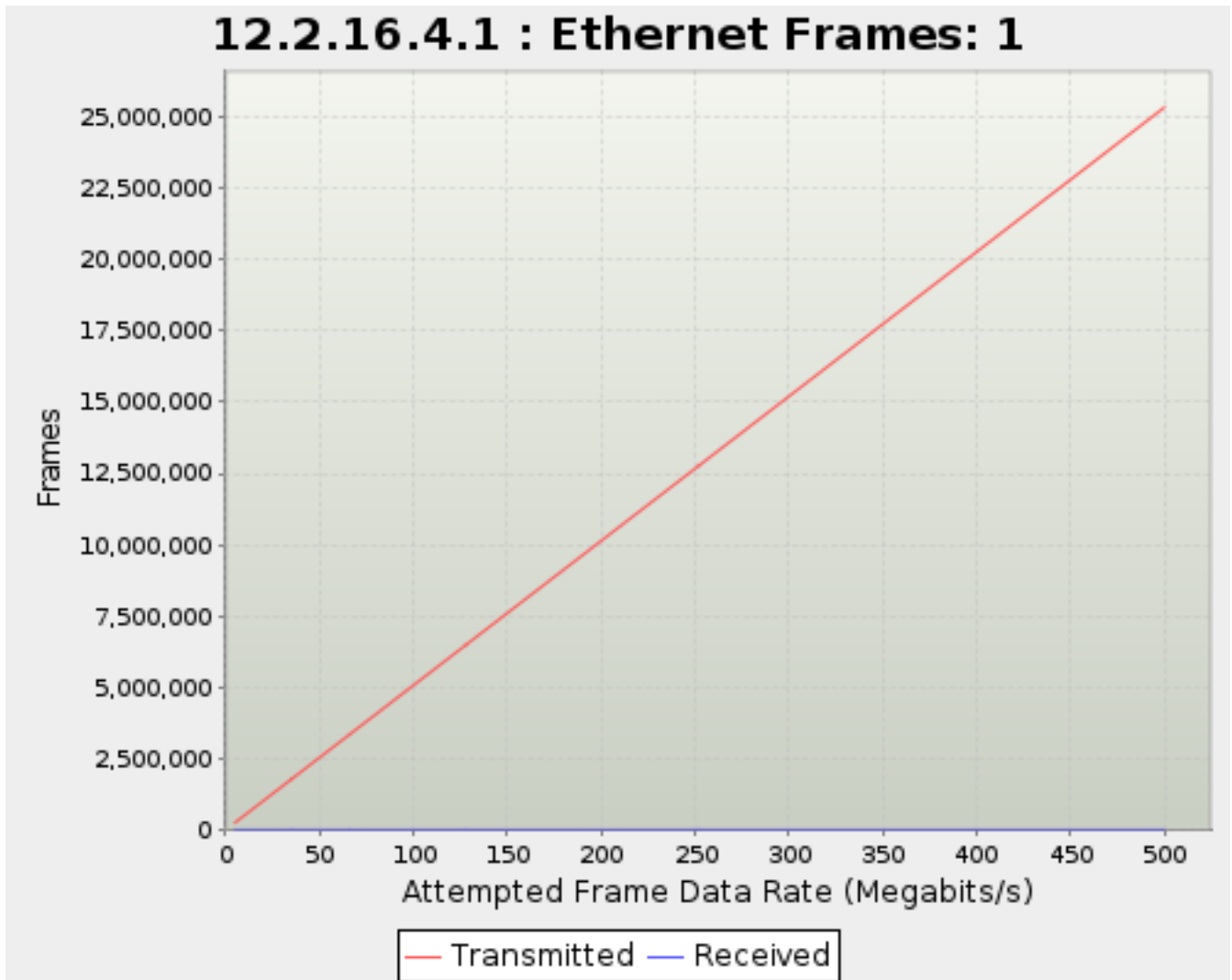
Attempted Frame Data Rate	Timestamp	CPU Usage	Memory Usage	Disk Usage
	<i>Seconds</i>		<i>Percent</i>	
5	63.835	0	0	0
35	63.661	0	0	0
66	63.688	0	0	0
128	63.718	0	0	0
252	63.869	0	0	0
500	63.223	0	0	0

12.2.16.4. Ethernet Frames



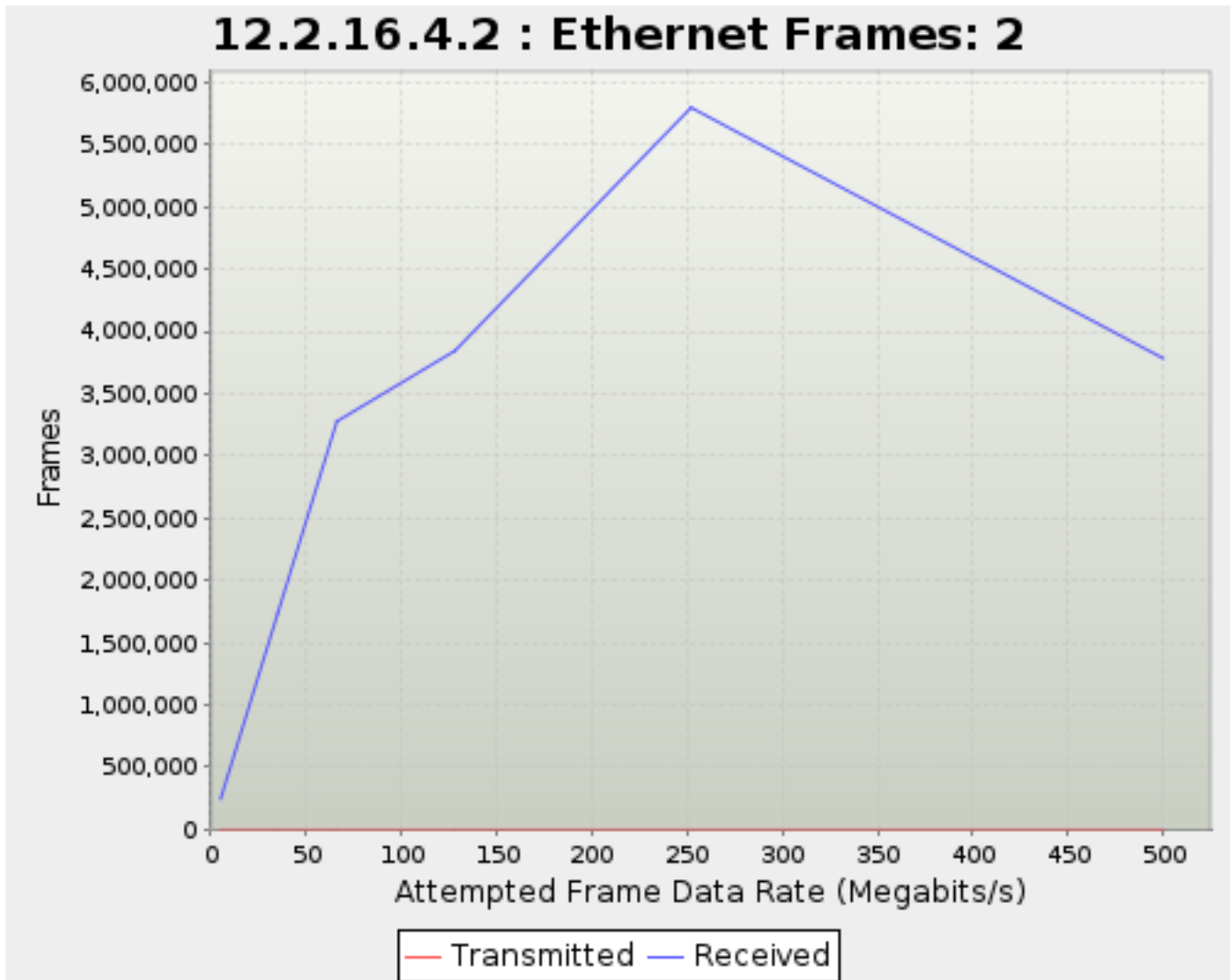
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.837	254,222	249,350 98.084%
35	63.665	1,774,399	1,739,725 98.046%
66	63.695	3,345,525	3,278,586 97.999%
128	63.716	6,487,435	3,845,082 59.270%
252	63.867	12,770,951	5,796,951 45.392%
500	63.222	25,338,662	3,783,705 14.933%

12.2.16.4.1. Ethernet Frames: 1



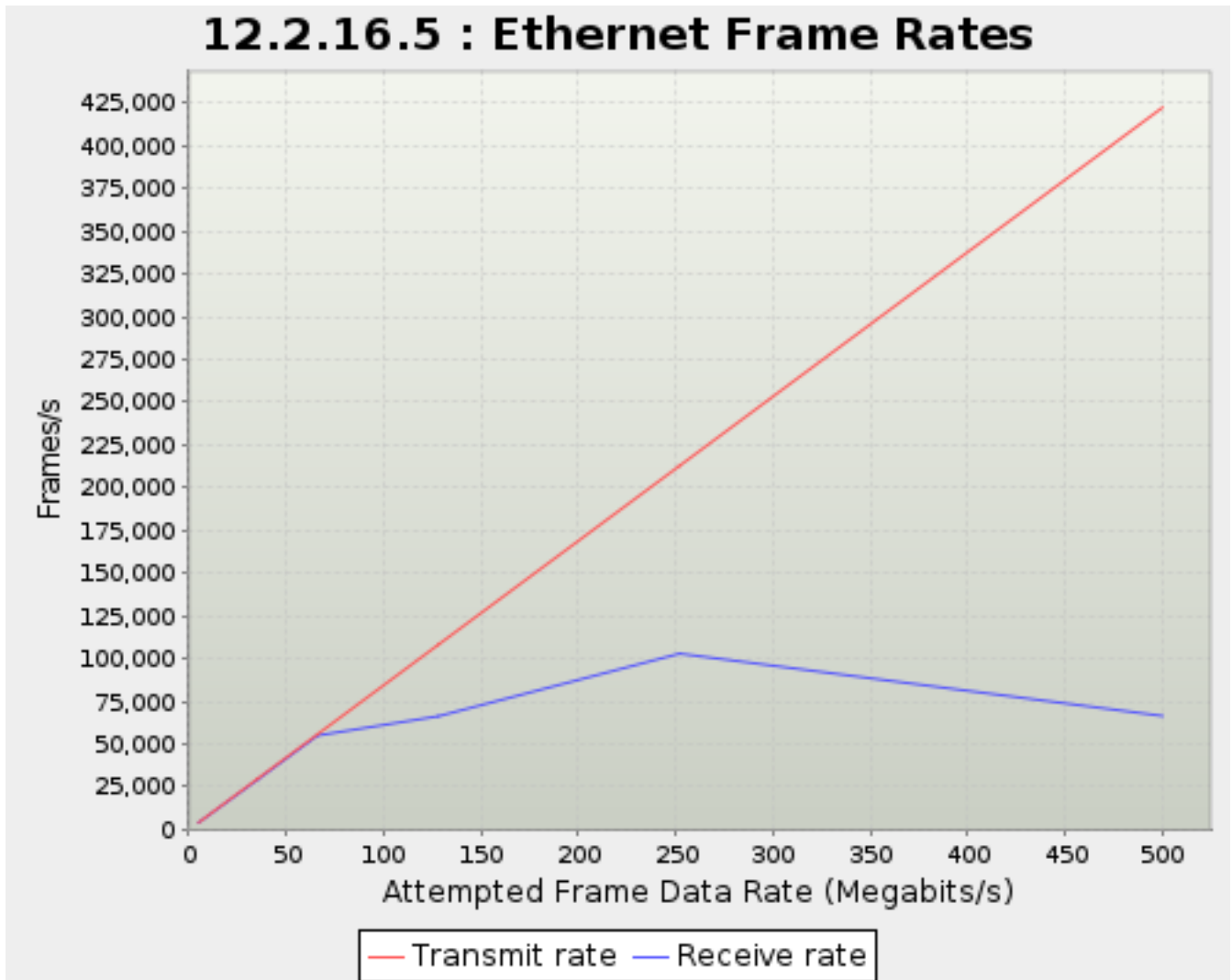
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.837	254,100	744 0.293%
35	63.665	1,774,334	702 0.040%
66	63.695	3,345,459	897 0.027%
128	63.716	6,487,310	775 0.012%
252	63.867	12,770,885	622 0.005%
500	63.222	25,338,596	773 0.003%

12.2.16.4.2. Ethernet Frames: 2



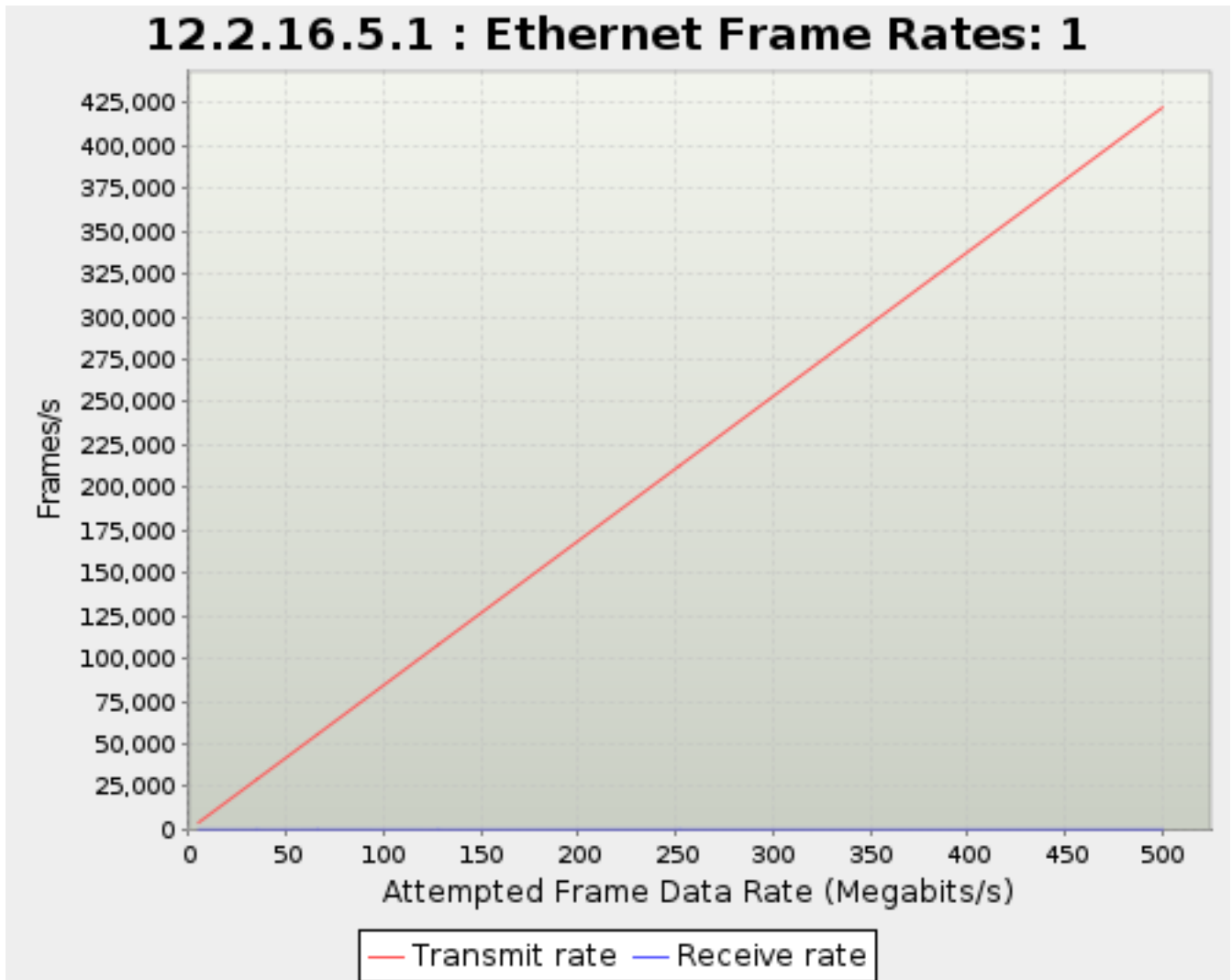
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frames</i>
5	63.837	122	248,606 203775.410%
35	63.665	65	1,739,023 2675420.000%
66	63.695	66	3,277,689 4966195.455%
128	63.716	125	3,844,307 3075445.600%
252	63.867	66	5,796,329 8782316.667%
500	63.222	66	3,782,932 5731715.152%

12.2.16.5. Ethernet Frame Rates



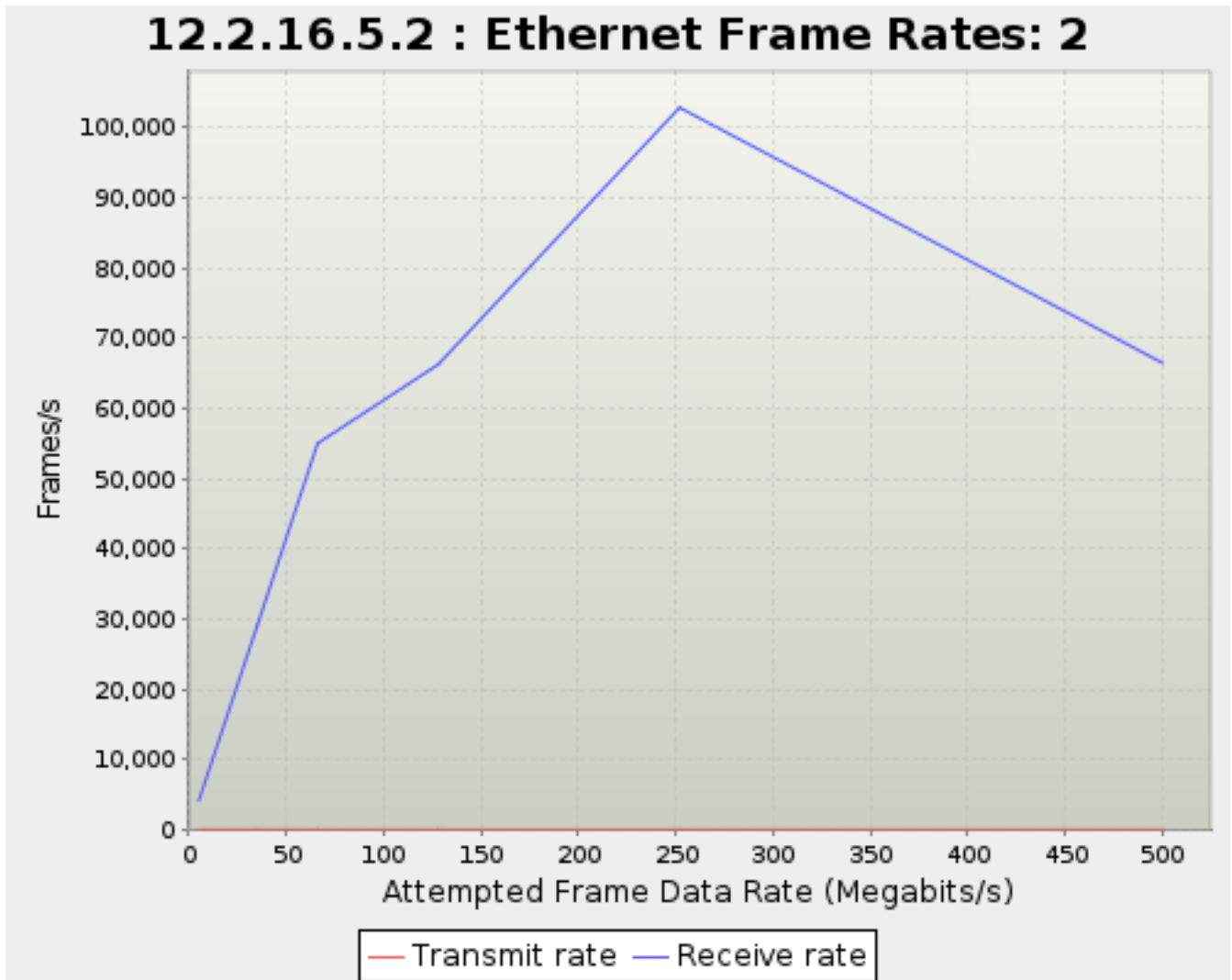
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	63.837	~4311	~4231
35	63.665	~29640	~29130
66	63.695	~55840	~55110
128	63.716	~108200	~66370
252	63.867	~212900	~103000
500	63.222	~422400	~66580

12.2.16.5.1. Ethernet Frame Rates: 1



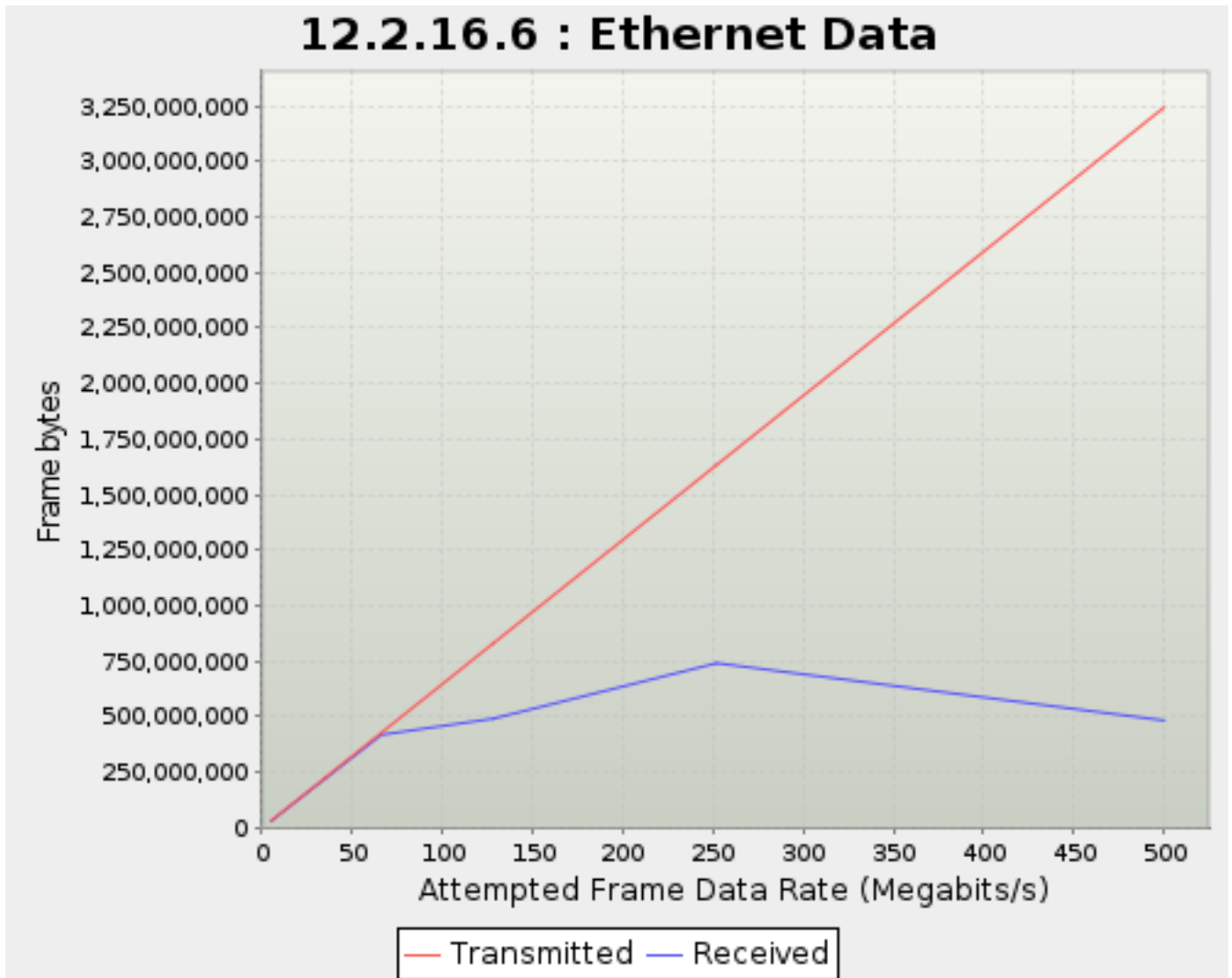
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	63.837	~4282	59.14
35	63.665	~29610	45.57
66	63.695	~55810	67.16
128	63.716	~108200	54.13
252	63.867	~212900	53.59
500	63.222	~422300	50.61

12.2.16.5.2. Ethernet Frame Rates: 2



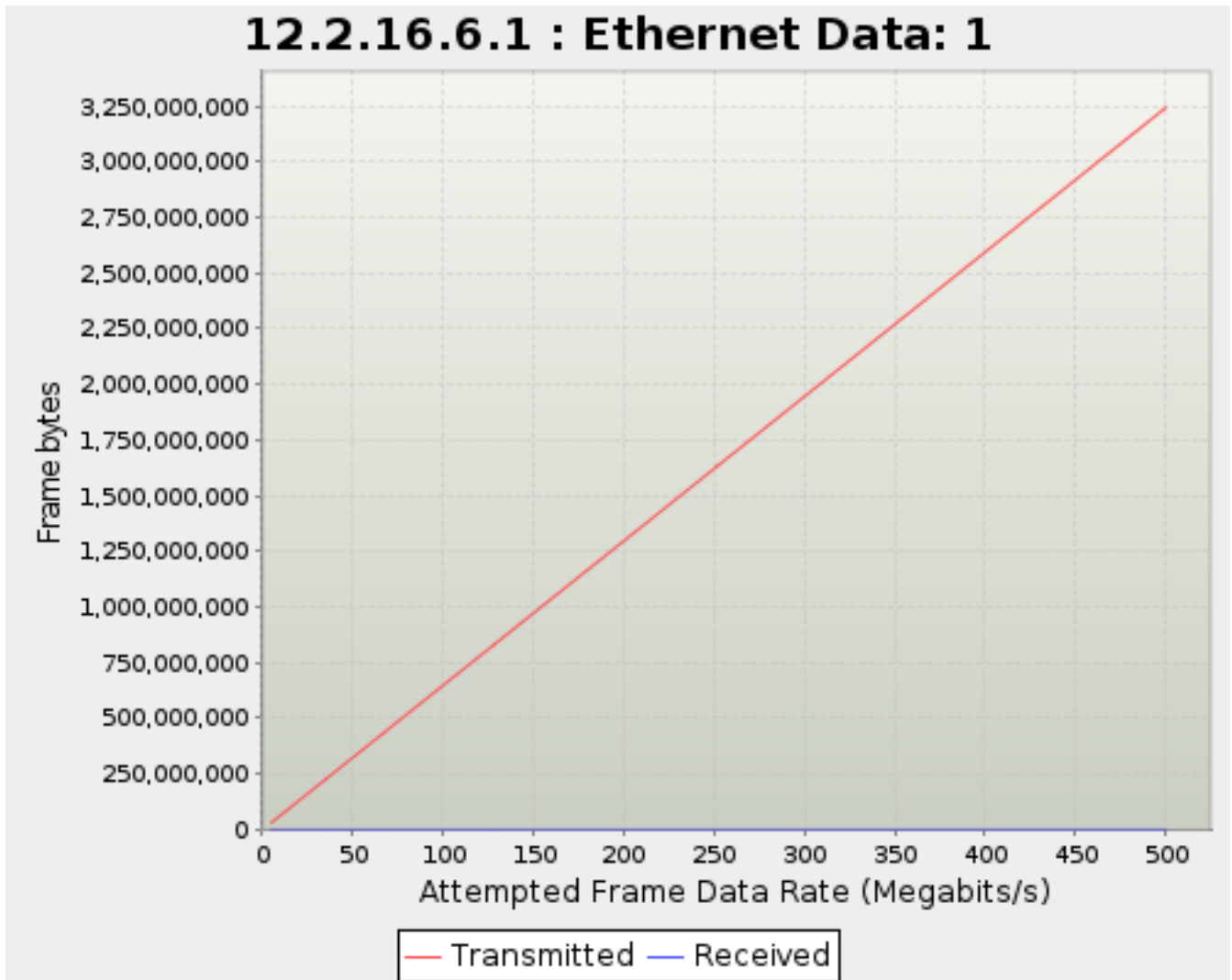
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Frames/s</i>
5	63.837	29.07	~4172
35	63.665	30.07	~29080
66	63.695	31.07	~55050
128	63.716	31.76	~66310
252	63.867	31.07	~102900
500	63.222	31.07	~66530

12.2.16.6. Ethernet Data



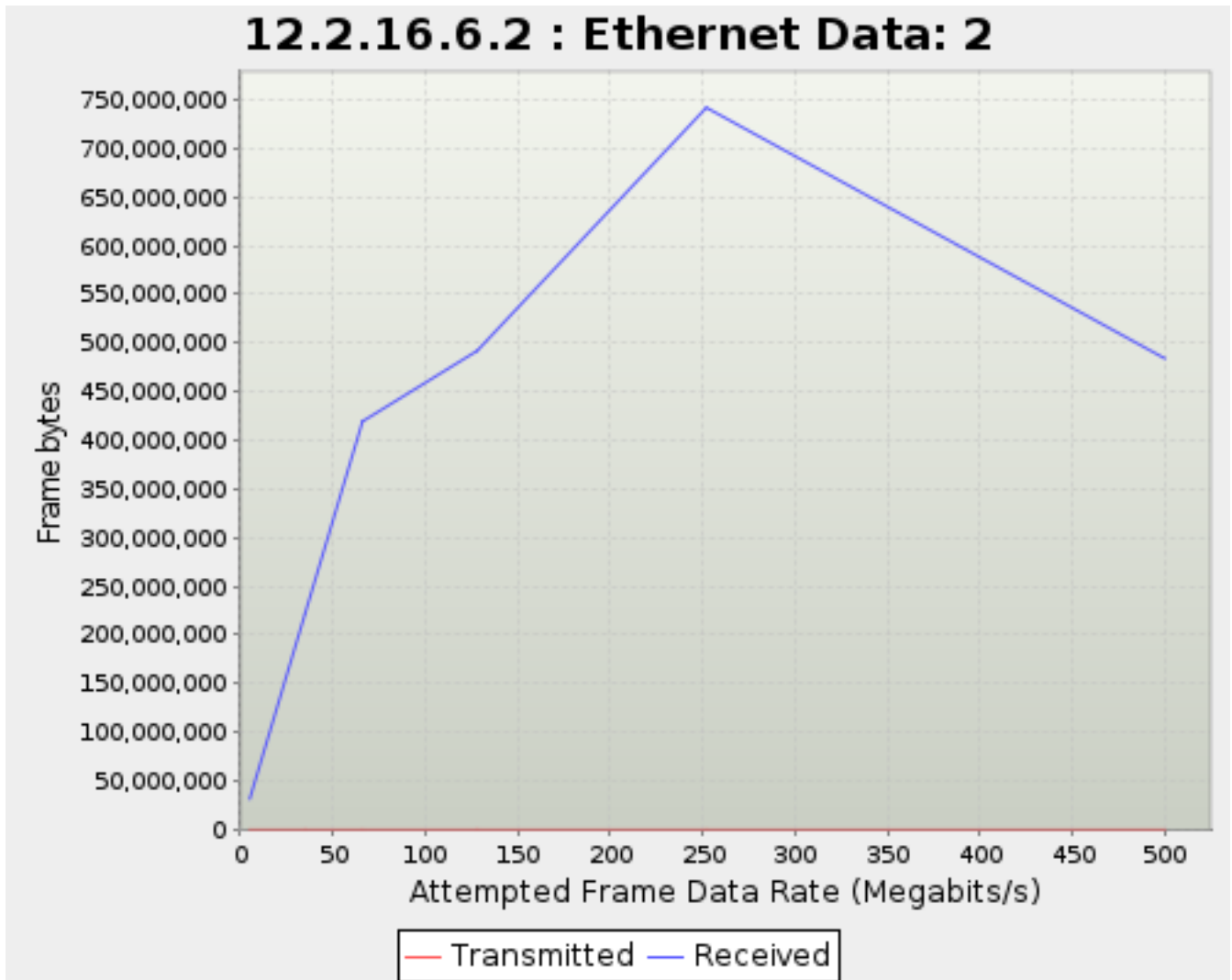
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	63.837	32,486,784	31,857,422 98.063%
35	63.665	227,076,032	222,631,694 98.043%
66	63.695	428,170,816	419,593,513 97.997%
128	63.716	830,334,656	492,108,945 59.266%
252	63.867	1,634,638,976	741,961,769 45.390%
500	63.222	3,243,298,944	484,256,702 14.931%

12.2.16.6.1. Ethernet Data: 1



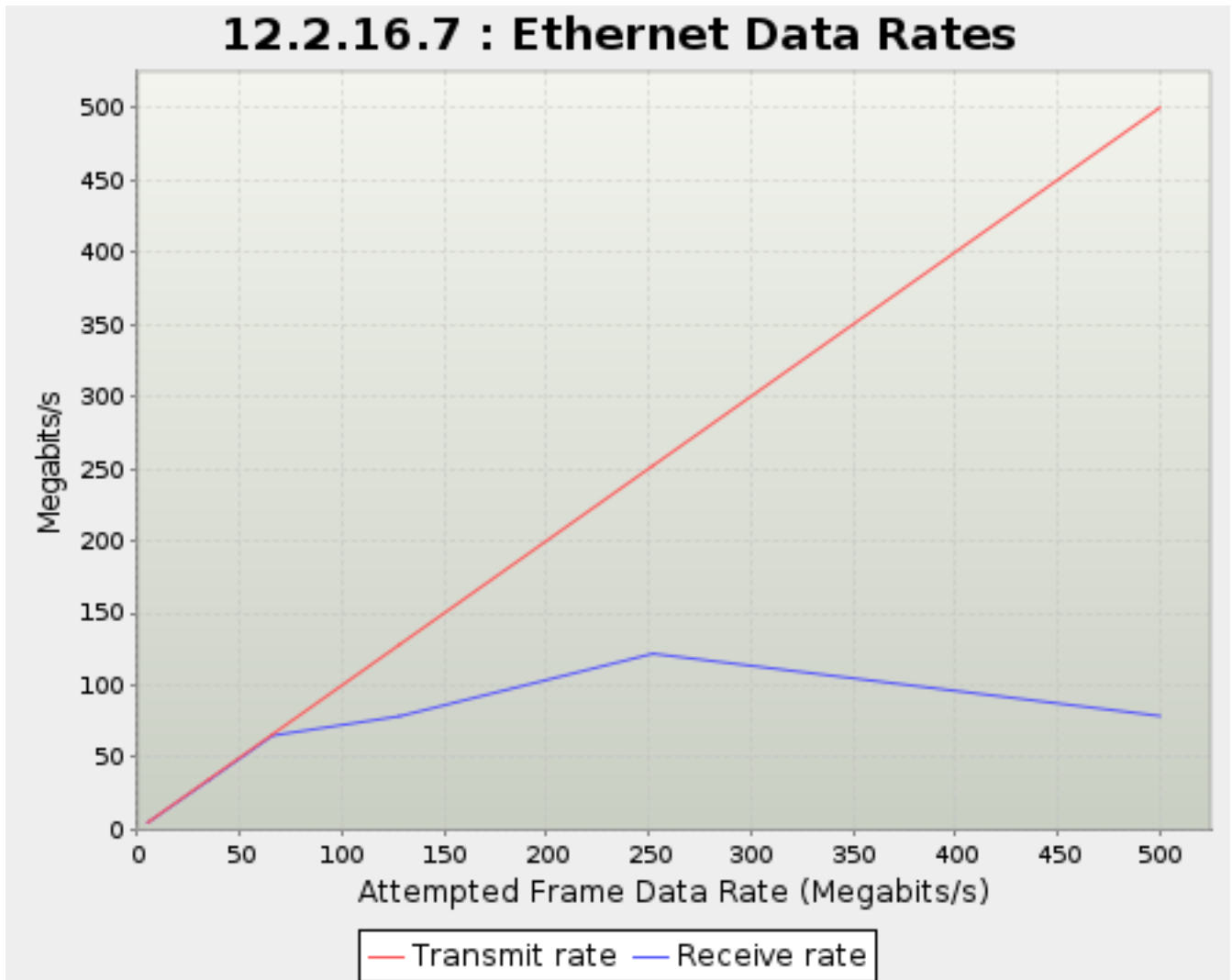
Attempted Frame Data Rate	Timestamp	Transmitted	Received
	<i>Seconds</i>		<i>Frame bytes</i>
5	63.837	32,478,976	47,616 0.147%
35	63.665	227,071,872	44,928 0.020%
66	63.695	428,166,592	57,408 0.013%
128	63.716	830,326,656	49,600 0.006%
252	63.867	1,634,634,752	39,808 0.002%
500	63.222	3,243,294,720	49,472 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	63.837	7,808	31,809,806 407400.179%
35	63.665	4,160	222,586,766 5350643.413%
66	63.695	4,224	419,536,105 9932199.455%
128	63.716	8,000	492,059,345 6150741.813%
252	63.867	4,224	741,921,961 17564440.365%
500	63.222	4,224	484,207,230 11463239.347%

12.2.16.7. Ethernet Data Rates



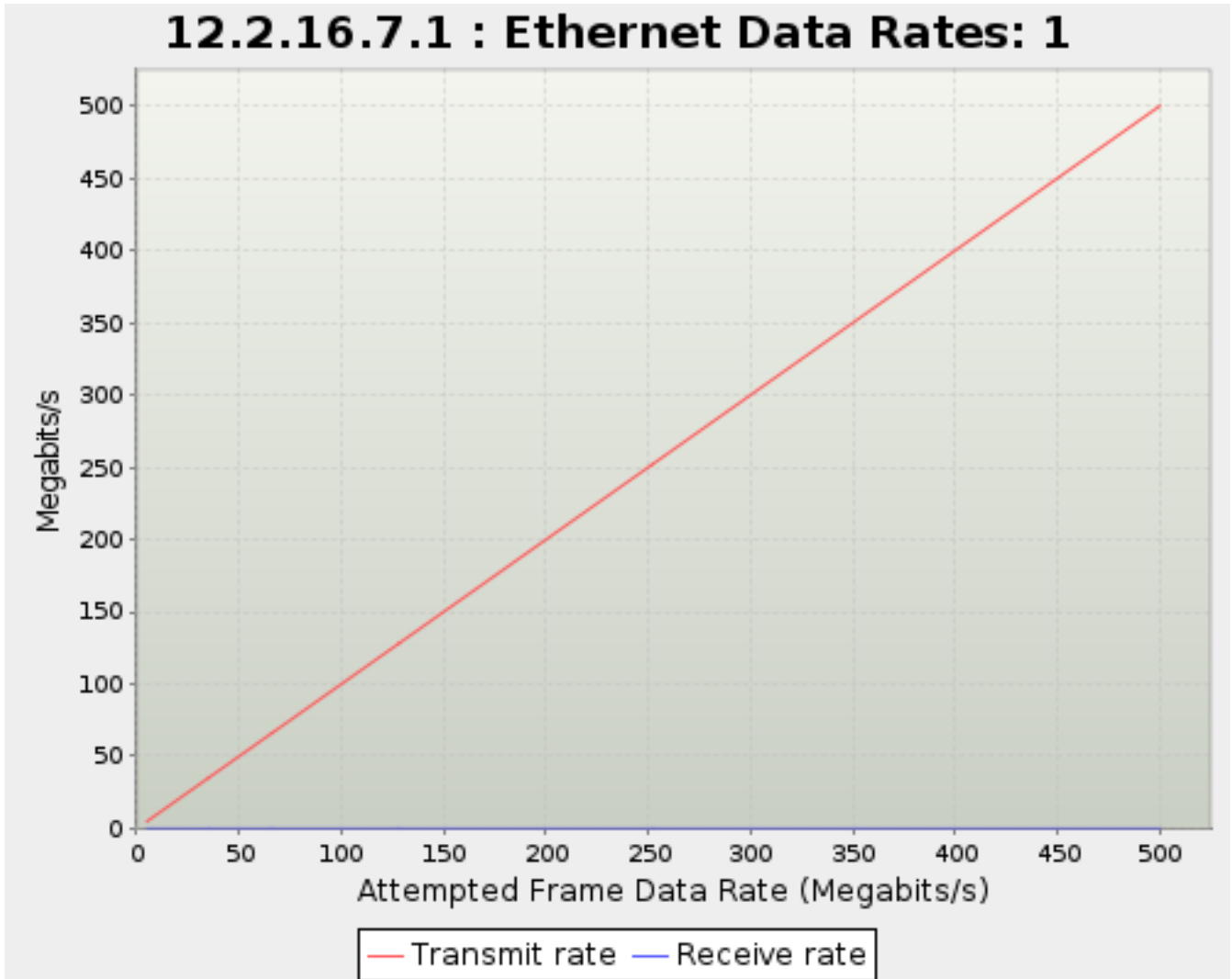
Data Rate shown includes Ethernet overhead.

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	63.837	5.060	4.963
35	63.665	35.05	34.46
66	63.695	66.07	65.22
128	63.716	128.1	78.55
252	63.867	252.1	121.9
500	63.222	500.1	78.80

12.2.16.7.1. Ethernet Data Rates: 1



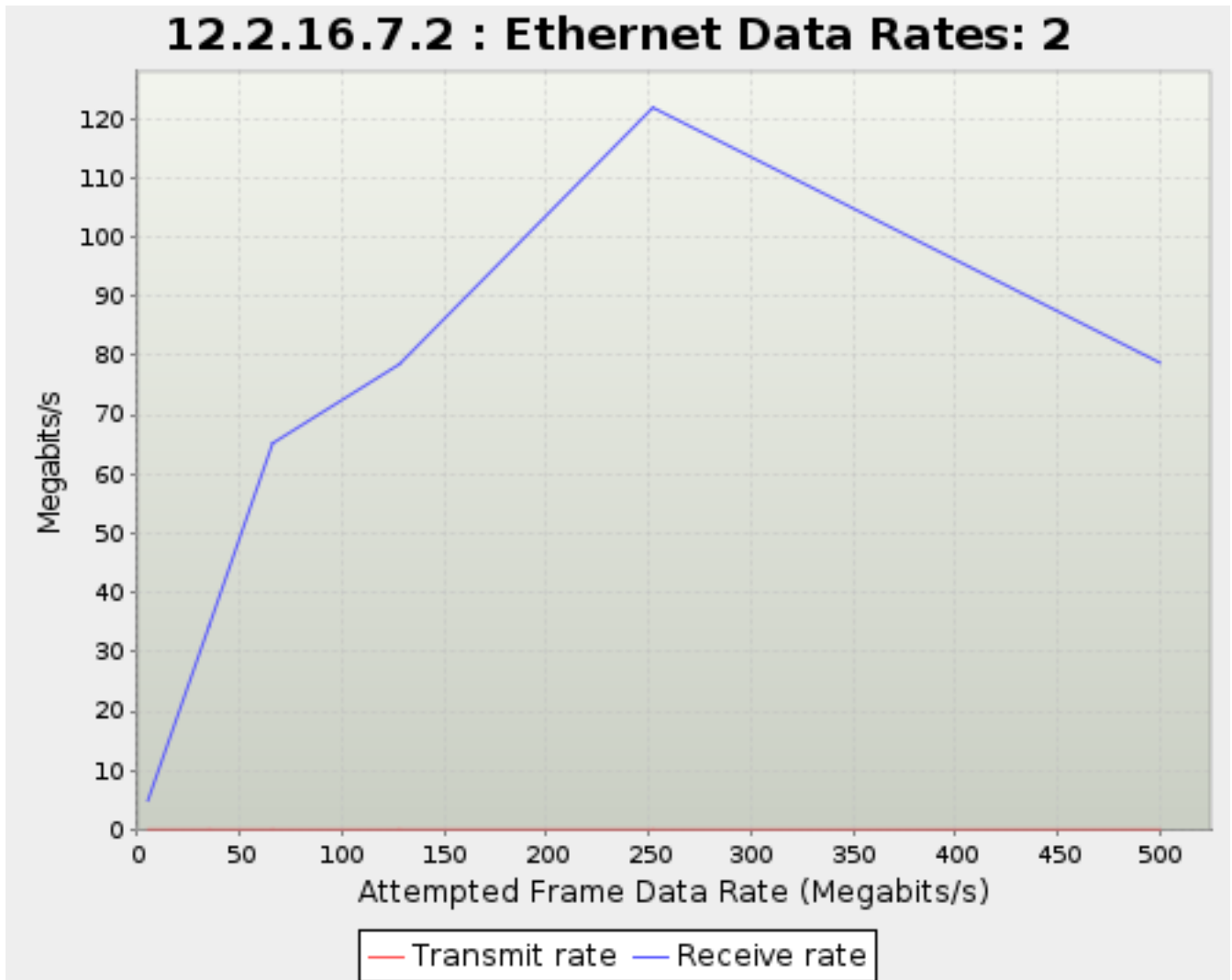
Data Rate shown includes Ethernet overhead.

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	63.837	5.040	0.03974
35	63.665	35.03	0.03062
66	63.695	66.05	0.04513
128	63.716	~128	0.03638
252	63.867	~252	0.03601
500	63.222	~500	0.03401

12.2.16.7.2. Ethernet Data Rates: 2



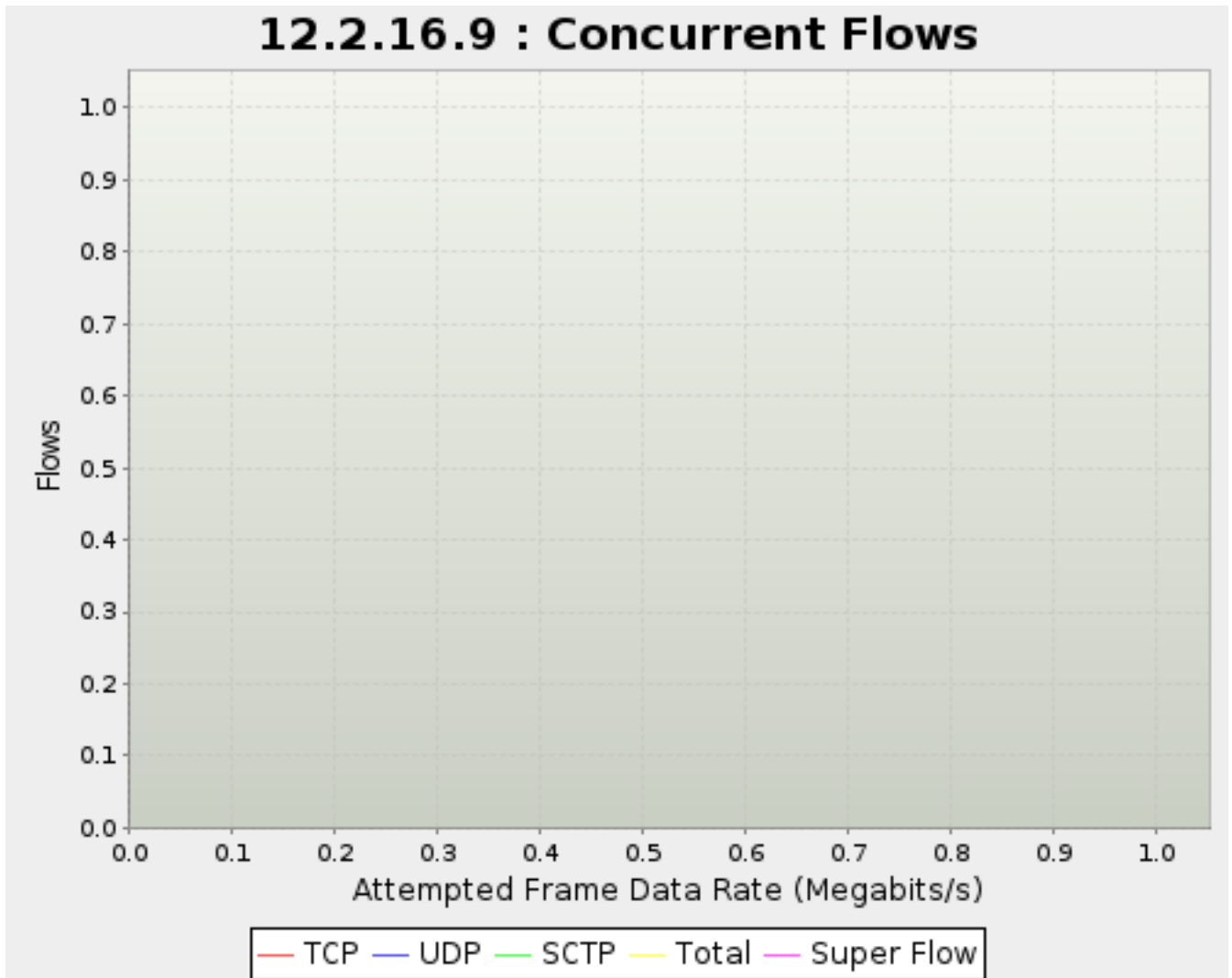
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

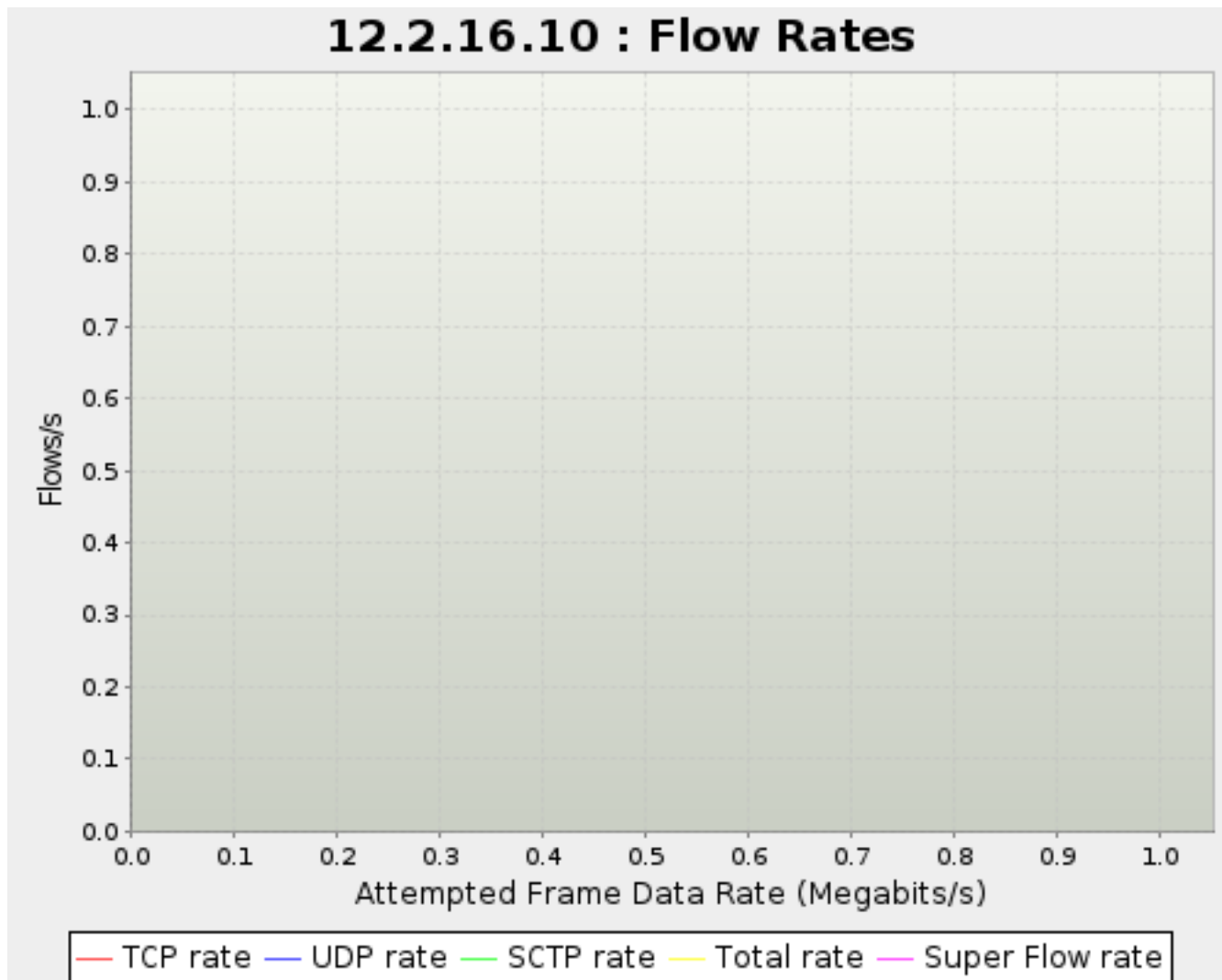
Attempted Frame Data Rate	Timestamp	Transmit rate	Receive rate
	<i>Seconds</i>		<i>Megabits/s</i>
5	63.837	0.01953	4.924
35	63.665	0.02021	34.43
66	63.695	0.02088	65.18
128	63.716	0.02134	78.52
252	63.867	0.02088	121.8
500	63.222	0.02088	78.77

12.2.16.9. Concurrent Flows



Attempted Frame Data Rate	Timestamp	TCP	UDP	SCTP	Total	Super Flow
	<i>Seconds</i>	<i>Flows</i>				
5	63.312	0	0	0	0	0
35	63.139	0	0	0	0	0
66	63.202	0	0	0	0	0
128	63.146	0	0	0	0	0
252	63.368	0	0	0	0	0
500	63.047	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	63.312	0.00	0.00	0.00	0.00	0.00
35	63.139	0.00	0.00	0.00	0.00	0.00
66	63.202	0.00	0.00	0.00	0.00	0.00
128	63.146	0.00	0.00	0.00	0.00	0.00
252	63.368	0.00	0.00	0.00	0.00	0.00
500	63.047	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		192.168.0.0/16	192.168.0.1	up
66	0		10.201.0.0/16	10.201.0.254	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		10.201.0.0/16	10.201.0.254	up
252	0		192.168.0.0/16	192.168.0.1	up
500	57.047		192.168.0.0/16	192.168.0.1	up
500	0		10.201.0.0/16	10.201.0.254	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	57.047		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	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

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	63.835	6	6	875	832	0	43	0	0
35	63.661	6	6	748	729	0	19	0	0
66	63.688	6	6	972	875	0	97	0	0
128	63.718	6	6	900	885	0	15	0	0
252	63.869	6	6	697	661	0	36	0	0
500	63.223	10	6	800	768	0	32	0	0

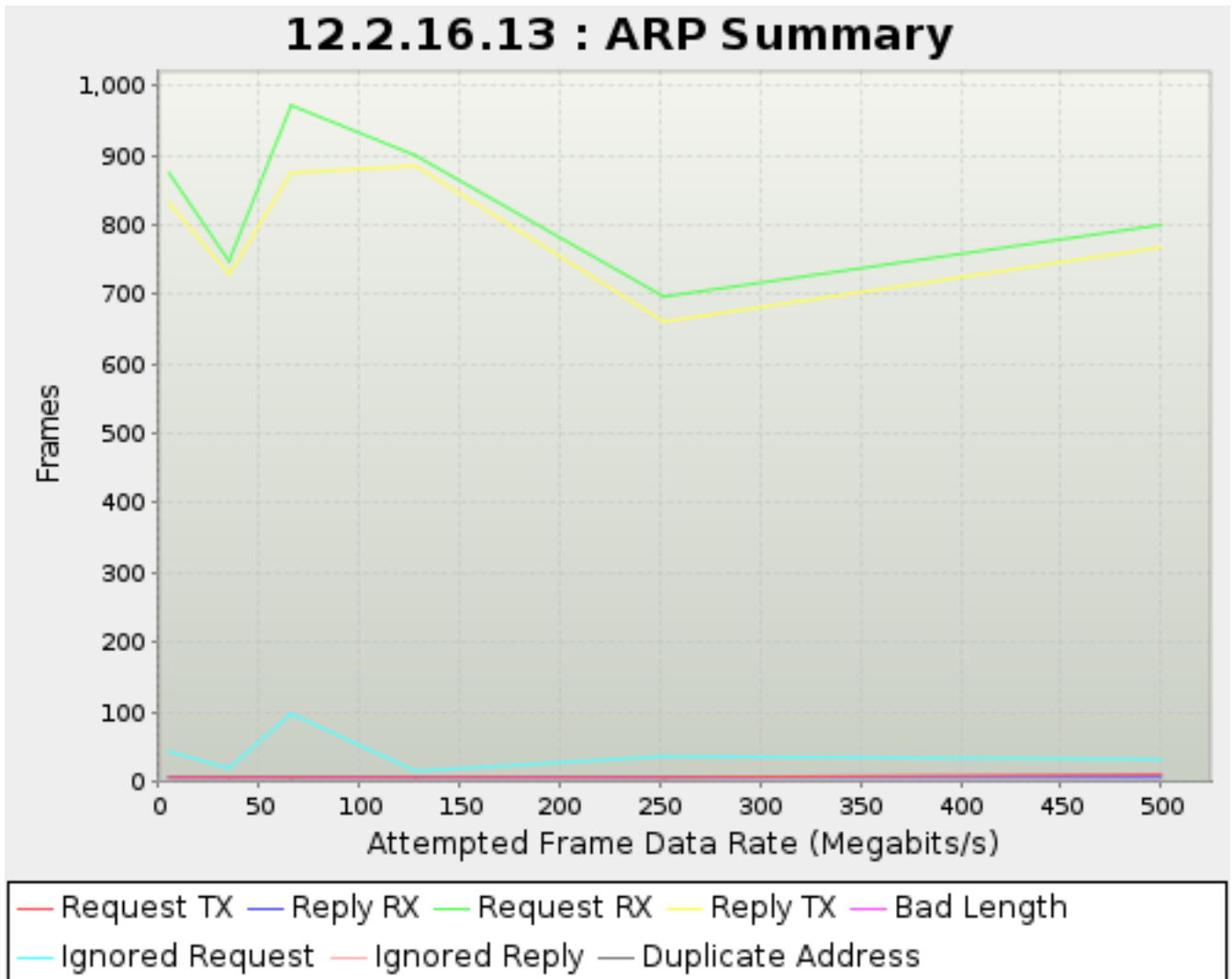
12.2.16.12.1. ARP: 1

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	63.835	3	3	741	713	0	28	0	0
35	63.661	3	3	670	667	0	3	0	0
66	63.688	3	3	894	812	0	82	0	0
128	63.718	3	3	763	763	0	0	0	0
252	63.869	3	3	619	598	0	21	0	0
500	63.223	7	3	722	705	0	17	0	0

12.2.16.12.2. ARP: 2

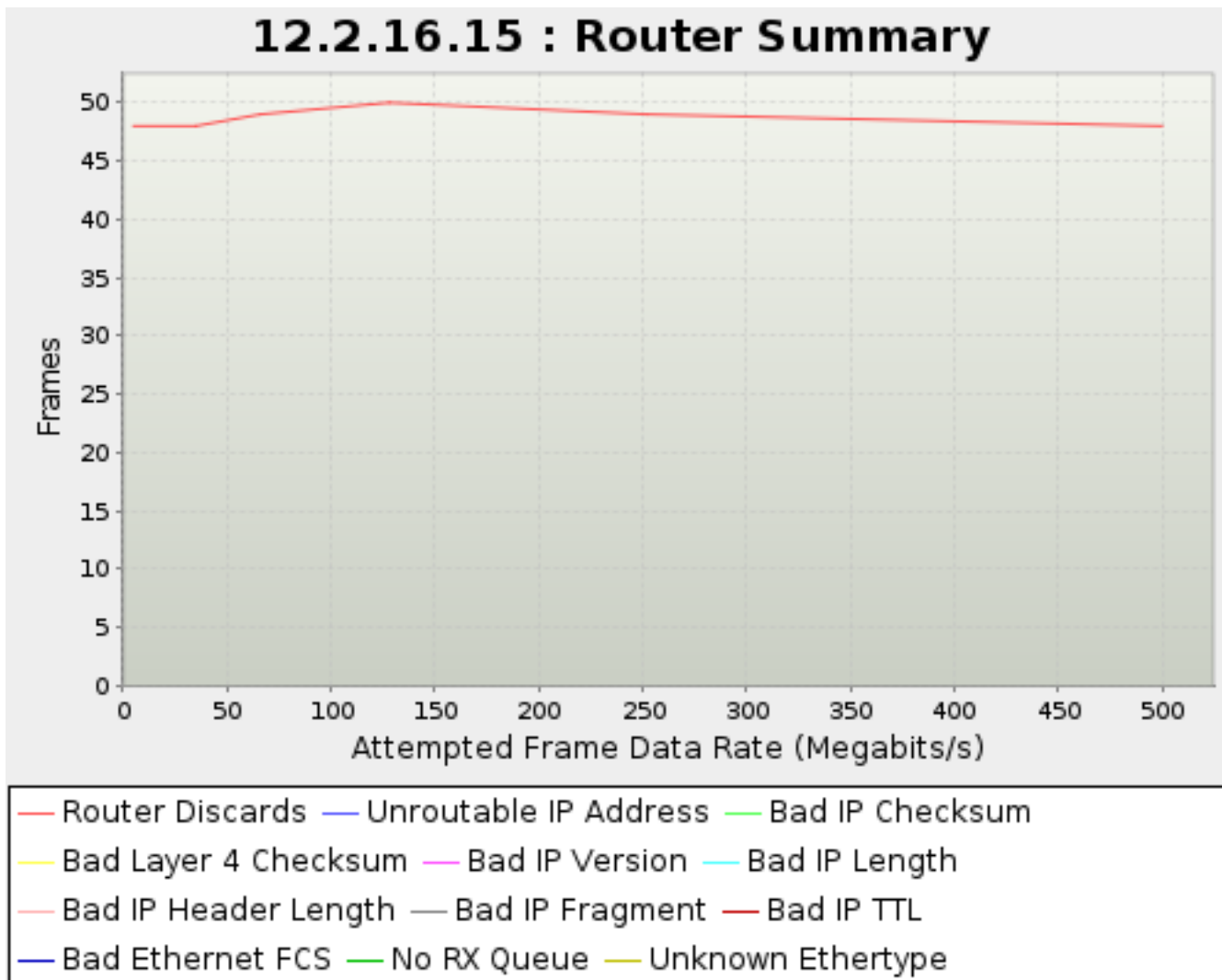
Attempted Frame Data Rate	Timestamp	Request TX	Reply RX	Request RX	Reply TX	Bad Length	Ignored Request	Ignored Reply	Duplicate Address
	<i>Seconds</i>	<i>Frames</i>							
5	63.835	3	3	134	119	0	15	0	0
35	63.661	3	3	78	62	0	16	0	0
66	63.688	3	3	78	63	0	15	0	0
128	63.718	3	3	137	122	0	15	0	0
252	63.869	3	3	78	63	0	15	0	0
500	63.223	3	3	78	63	0	15	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	875	832	0	43	0	0
35	6	6	748	729	0	19	0	0
66	6	6	972	875	0	97	0	0
128	6	6	900	885	0	15	0	0
252	6	6	697	661	0	36	0	0
500	10	6	800	768	0	32	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	48	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

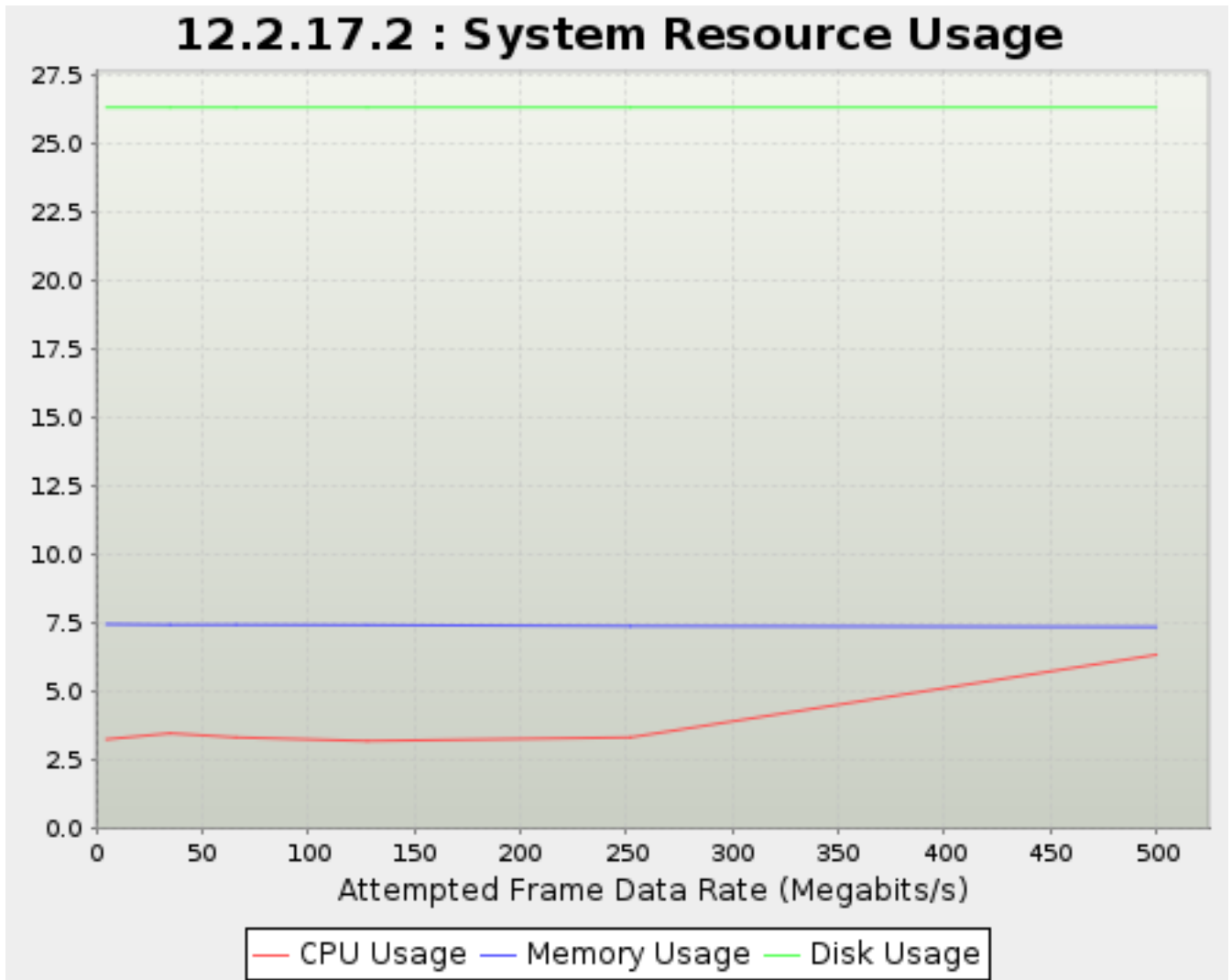
12.2.17.1. Component Description

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	63.843	3.25	7.46	26.36
35	63.671	3.47	7.44	26.36
66	63.693	3.32	7.44	26.36
128	63.723	3.19	7.43	26.36
252	63.874	3.32	7.39	26.36
500	63.278	6.34	7.36	26.36