

1. simple_appsim



Test Model: simple_appsim

Version: 1

Result: incomplete

Date: April 27, 2016 9:52:05 PM CDT

Test Duration: Unknown, test is running

2. Revision History

Version	Run ID	Date	Author	Test Results
1	242		The Admin	Test incomplete

3. Synopsis

3.1. Component Description

3.2. Test parameters

Parameter	Value	Original	Current
Maximum Flow Creation Rate	100%	1000	1000
Total Bandwidth	100%	0.0	0.0
Maximum Concurrent Flows	100%	10000	10000
Total Attacks	100%	0	0
Total Addresses	100%	131068	131068
The period between data samples	100%	1.0	1.0

3.3. Test Criteria

Component	Test Criteria
AppSim_1	<p>The total number of sessions opened must reach the specified target within the allotted time.: (maxConcurrentAppFlows>=sessions.target)</p> <p>The total number of failed application transactions must be no more than 5 percent of the attempted application transactions.: ((appUnsuccessful*100)<=(appAttempted*5))</p> <p>The session rate must reach the specified target within the allotted time.: (maxAppFlowRate>=sessions.targetPerSecond)</p>

3.4. Summary of Results

Component	Test Results	Explanation
AppSim_1	Test incomplete	
Overall	Test incomplete	

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5. Test Environment

5.1. Settings

Parameter	Value
Seed override	no override
Data rate reporting type	layer1 (includes IPG)

5.2. Interfaces

Number	Auto	Speed	Slot	Serial #	Slot HW	OpMode	Port	Capture Enabled	Snap Length	Note
1	true	1000Mb full	0	236024	nitro_10g	NA	0	true	NA	
2	true	1000Mb full	0	236024	nitro_10g	NA	1	true	NA	

5.3. Impairments

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

Interface	Filter criteria
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5.5. Test Components

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

Type	Description
appsim	This component measures the device's ability to handle a variety of application layer traffic flows. It generates realistic application traffic flows, and validates that they are passed correctly by the device.

5.6. Test Device

When	Version	Build Number	Strike Build Number
At the time the test ran.	8.0.1	262287	262300
At the time the report was created.	8.0.1	262287	262300

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
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5.7.3. Connection Settings

Setting	Value
Type	serial
Flow Control	none
Speed	38,400
Parity	n

Setting	Value
Data Bits	8
Stop Bits	1

5.8. Network Neighborhood

5.8.1. BreakingPoint Switching

5.8.1.1. Interface : Interface 1

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 1	1	1,500	true	02:1A:C5:01: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.2. Interface : Interface 2

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 2	2	1,500	true	02:1A:C5:02: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.3. Interface : Interface 3

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 3	3	1,500	true	02:1A:C5:03: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.4. Interface : Interface 4

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 4	4	1,500	true	02:1A:C5:04: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.5. Interface : Interface 5

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 5	5	1,500	true	02:1A:C5:05: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.6. Interface : Interface 6

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 6	6	1,500	true	02:1A:C5:06: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.7. Interface : Interface 7

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 7	7	1,500	true	02:1A:C5:07: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.8. Interface : Interface 8

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 8	8	1,500	true	02:1A:C5:08: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.9. Interface : Interface 9

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
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ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 9	9	1,500	true	02:1A:C5:09: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.10. Interface : Interface 10

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 10	10	1,500	true	02:1A:C5:0A: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.11. Interface : Interface 11

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 11	11	1,500	true	02:1A:C5:0B: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.12. Interface : Interface 12

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 12	12	1,500	true	02:1A:C5:0C: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.13. Interface : Interface 13

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 13	13	1,500	true	02:1A:C5:0D: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.14. Interface : Interface 14

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 14	14	1,500	true	02:1A:C5:0E: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.15. Interface : Interface 15

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 15	15	1,500	true	02:1A:C5:0F: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.16. Interface : Interface 16

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 16	16	1,500	true	02:1A:C5:10: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.17. Interface : Interface 17

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 17	17	1,500	true	02:1A:C5:11: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.18. Interface : Interface 18

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 18	18	1,500	true	02:1A:C5:12: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.19. Interface : Interface 19

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 19	19	1,500	true	02:1A:C5:13: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.20. Interface : Interface 20

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 20	20	1,500	true	02:1A:C5:14: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.21. IPv4 External Hosts

External hosts used as a test target

ID	Tags	Base IP Address	Count	NAT
External Hosts ext_default	[ext_default]	10.0.0.1	254	false

5.8.1.22. 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	Interface 1	[Lab Client, i1_default]	1.1.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.23. 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	Interface 2	[Lab Server, i2_default]	1.2.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.24. IPv4 Static Hosts : Static Hosts i3_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i3_default	Interface 3	[i3_default]	1.3.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.25. IPv4 Static Hosts : Static Hosts i4_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i4_default	Interface 4	[i4_default]	1.4.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.26. IPv4 Static Hosts : Static Hosts i5_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i5_default	Interface 5	[i5_default]	1.5.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.27. IPv4 Static Hosts : Static Hosts i6_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i6_default	Interface 6	[i6_default]	1.6.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.28. IPv4 Static Hosts : Static Hosts i7_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i7_default	Interface 7	[i7_default]	1.7.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.29. IPv4 Static Hosts : Static Hosts i8_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i8_default	Interface 8	[i8_default]	1.8.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.30. IPv4 Static Hosts : Static Hosts i9_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i9_default	Interface 9	[i9_default]	1.9.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.31. IPv4 Static Hosts : Static Hosts i10_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i10_default	Interface 10	[i10_default]	1.10.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.32. IPv4 Static Hosts : Static Hosts i11_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i11_default	Interface 11	[i11_default]	1.11.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.33. IPv4 Static Hosts : Static Hosts i12 default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i12_default	Interface 12	[i12_default]	1.12.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.34. IPv4 Static Hosts : Static Hosts i13 default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i13_default	Interface 13	[i13_default]	1.13.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.35. IPv4 Static Hosts : Static Hosts i14 default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i14_default	Interface 14	[i14_default]	1.14.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.36. IPv4 Static Hosts : Static Hosts i15_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
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ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i15_default	Interface 15	[i15_default]	1.15.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.37. IPv4 Static Hosts : Static Hosts i16_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i16_default	Interface 16	[i16_default]	1.16.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.38. IPv4 Static Hosts : Static Hosts i17_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i17_default	Interface 17	[i17_default]	1.17.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.39. IPv4 Static Hosts : Static Hosts i18_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i18_default	Interface 18	[i18_default]	1.18.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.40. IPv4 Static Hosts : Static Hosts i19_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i19_default	Interface 19	[i19_default]	1.19.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

5.8.1.41. IPv4 Static Hosts : Static Hosts i20_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i20_default	Interface 20	[i20_default]	1.20.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT
			false	false

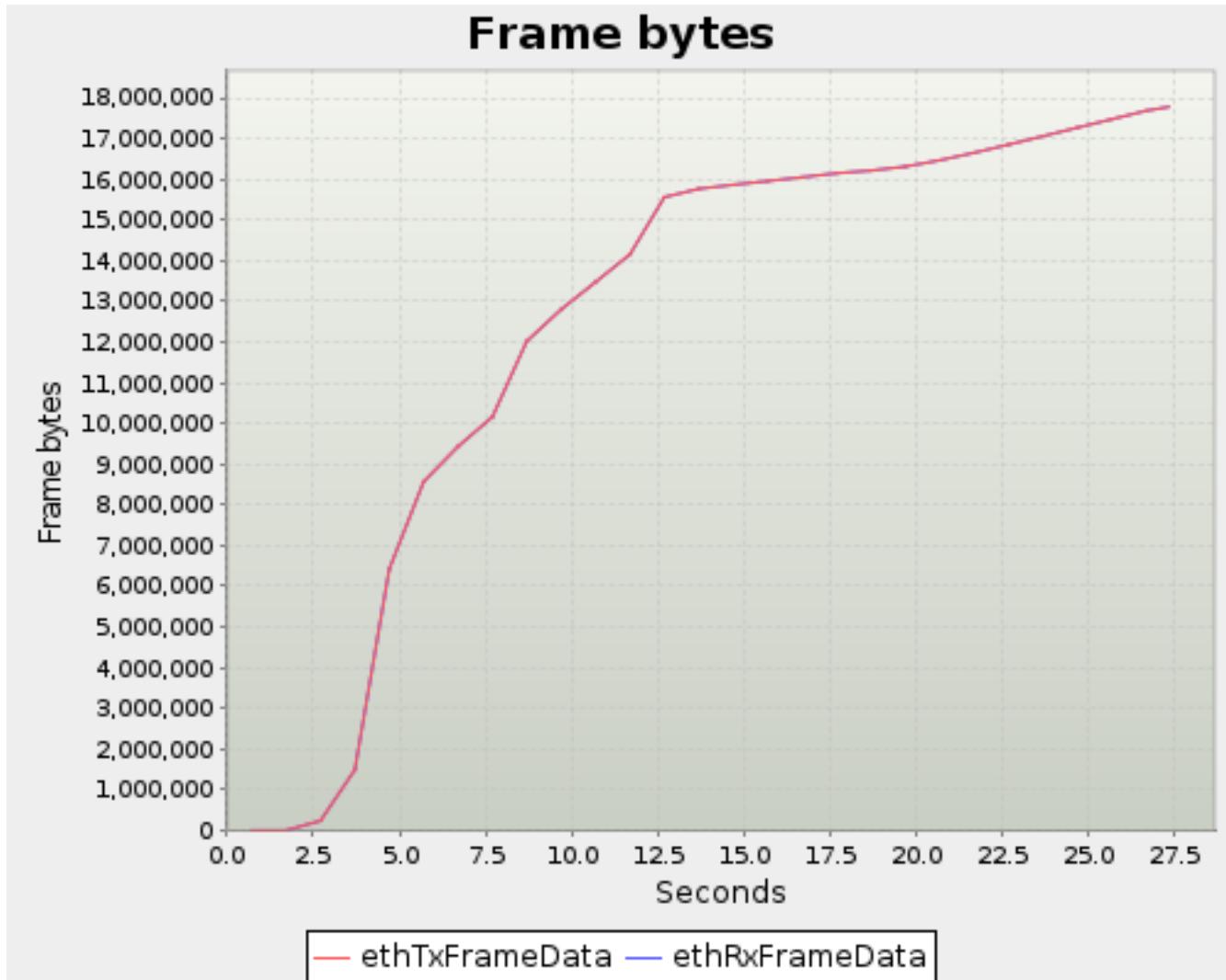
6. Detailed Summarized Statistics

A summary of the statistics across the entire test.

6.1. Interface (layer 1-2)

6.1.1. [all]

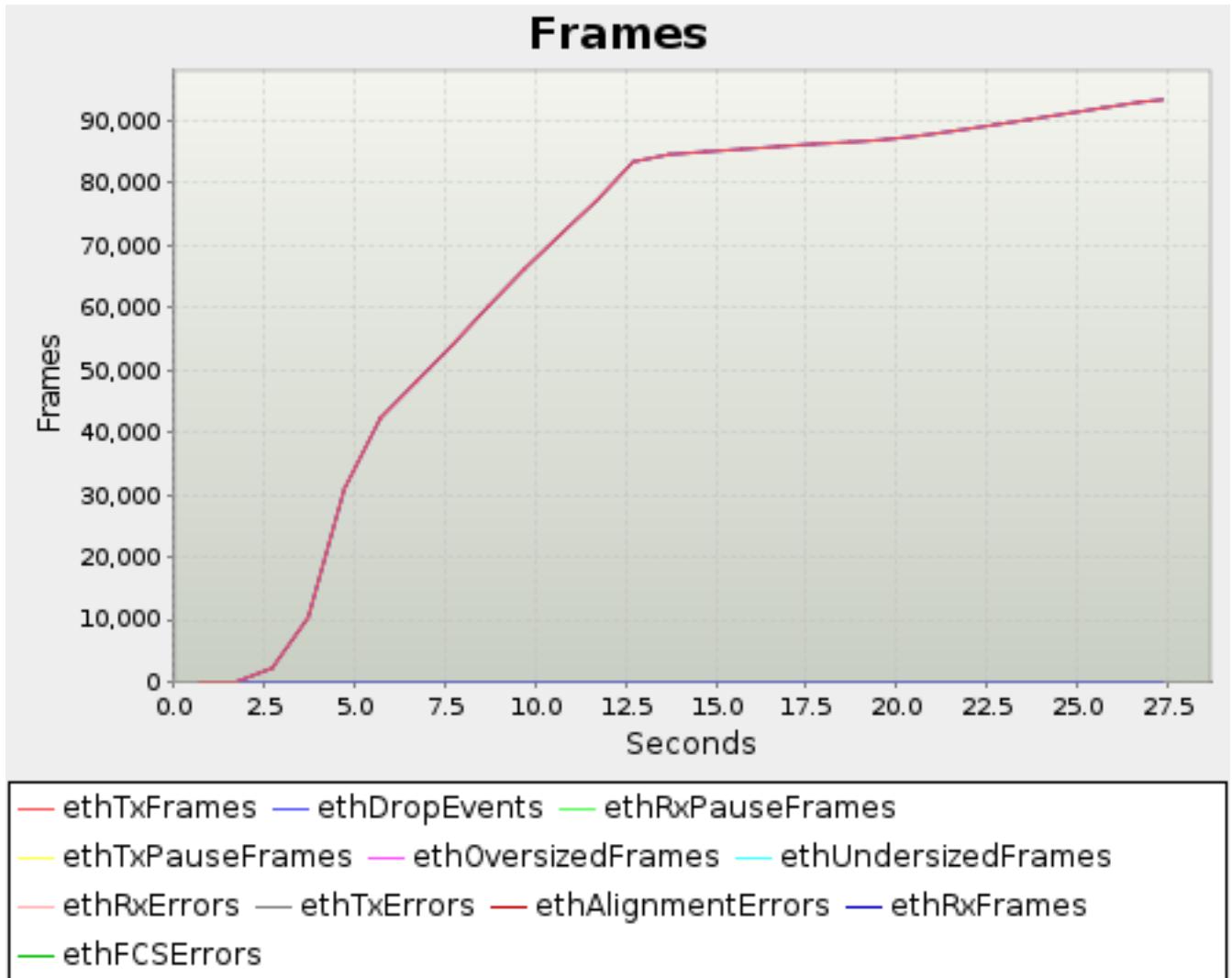
6.1.1.1. Frame bytes



time	ethRxFrameData	ethTxFrameData
0.707	0	0
1.707	0	0
2.707	234,646	234,646
3.706	1,487,387	1,487,387
4.706	6,418,246	6,418,602
5.706	8,567,176	8,567,176
6.706	9,433,141	9,433,141
7.707	10,160,253	10,160,253
8.706	12,022,096	12,022,096
9.706	12,801,544	12,801,544
10.706	13,474,418	13,474,418
11.706	14,155,305	14,155,305
12.706	15,559,696	15,559,696
13.707	15,764,950	15,764,950
14.706	15,862,614	15,862,614
15.706	15,955,646	15,955,646
16.707	16,048,908	16,048,908
17.706	16,147,552	16,147,552
18.706	16,213,482	16,213,482
19.706	16,310,669	16,310,669
20.706	16,465,236	16,465,236
21.706	16,649,734	16,649,734
22.706	16,849,619	16,849,619
23.707	17,057,366	17,057,366
24.707	17,265,860	17,265,860

time	ethRxFrameData	ethTxFrameData
25.706	17,473,607	17,473,607
26.706	17,681,859	17,681,859
27.370	17,777,909	17,777,909

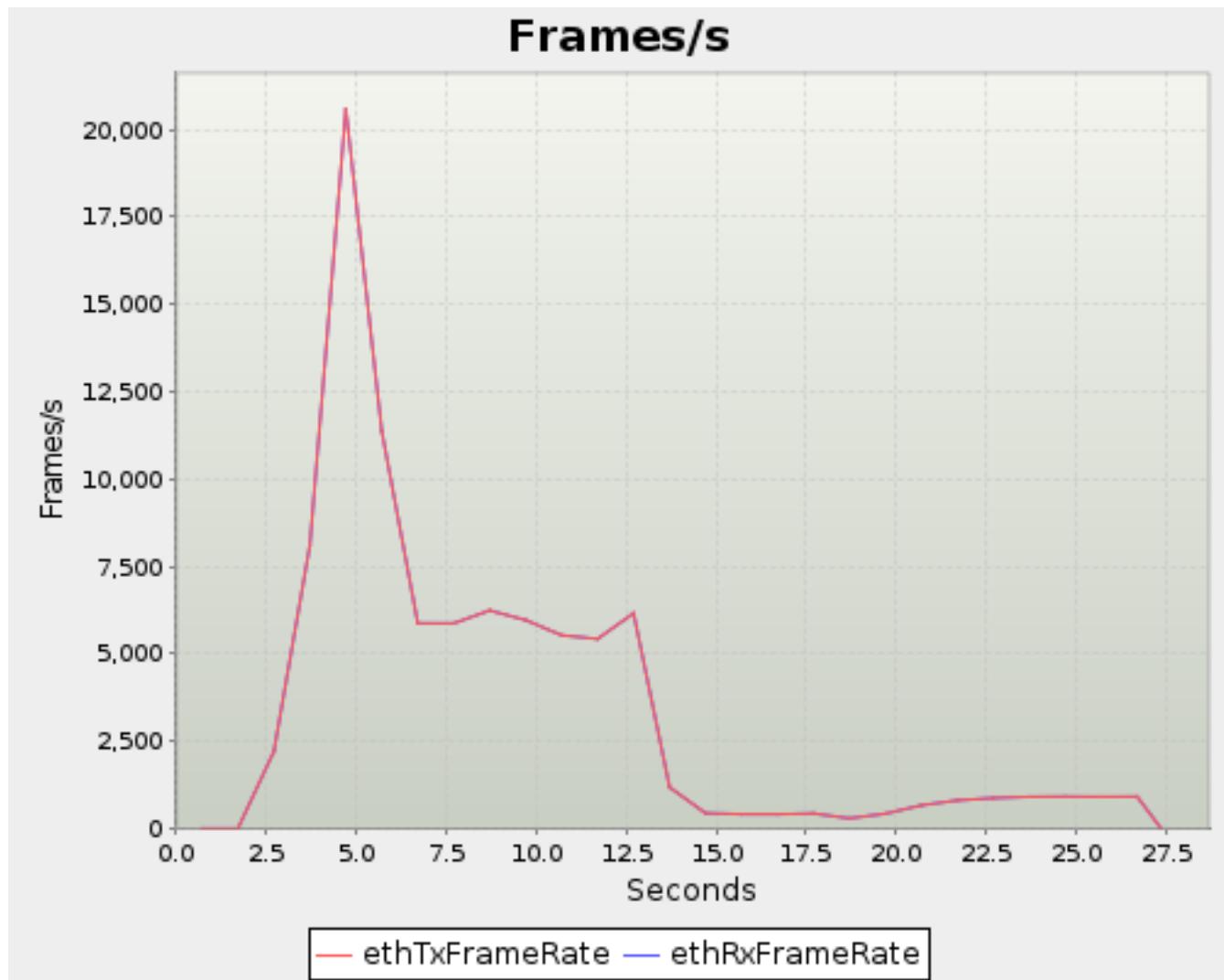
6.1.1.2. Frames



time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame s	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUnders izedFrame s
0.707	0	0	0	0	0	0	0	0	0	0	0
1.707	0	0	0	0	0	0	0	0	0	0	0
2.707	0	0	0	0	0	2,205	0	0	2,205	0	0
3.706	0	0	0	0	0	10,304	0	0	10,304	0	0
4.706	0	0	0	0	0	30,890	0	0	30,891	0	0
5.706	0	0	0	0	0	42,259	0	0	42,259	0	0
6.706	0	0	0	0	0	48,132	0	0	48,132	0	0
7.707	0	0	0	0	0	54,002	0	0	54,002	0	0
8.706	0	0	0	0	0	60,240	0	0	60,240	0	0
9.706	0	0	0	0	0	66,203	0	0	66,203	0	0
10.706	0	0	0	0	0	71,731	0	0	71,731	0	0
11.706	0	0	0	0	0	77,156	0	0	77,156	0	0
12.706	0	0	0	0	0	83,315	0	0	83,315	0	0
13.707	0	0	0	0	0	84,493	0	0	84,493	0	0
14.706	0	0	0	0	0	84,929	0	0	84,929	0	0
15.706	0	0	0	0	0	85,337	0	0	85,337	0	0
16.707	0	0	0	0	0	85,746	0	0	85,746	0	0
17.706	0	0	0	0	0	86,173	0	0	86,173	0	0
18.706	0	0	0	0	0	86,461	0	0	86,461	0	0
19.706	0	0	0	0	0	86,883	0	0	86,883	0	0
20.706	0	0	0	0	0	87,545	0	0	87,545	0	0
21.706	0	0	0	0	0	88,349	0	0	88,349	0	0

time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame rs	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUnders izedFrame rs
22.706	0	0	0	0	0	89,219	0	0	89,219	0	0
23.707	0	0	0	0	0	90,125	0	0	90,125	0	0
24.707	0	0	0	0	0	91,037	0	0	91,037	0	0
25.706	0	0	0	0	0	91,943	0	0	91,943	0	0
26.706	0	0	0	0	0	92,853	0	0	92,853	0	0
27.370	0	0	0	0	0	93,272	0	0	93,272	0	0

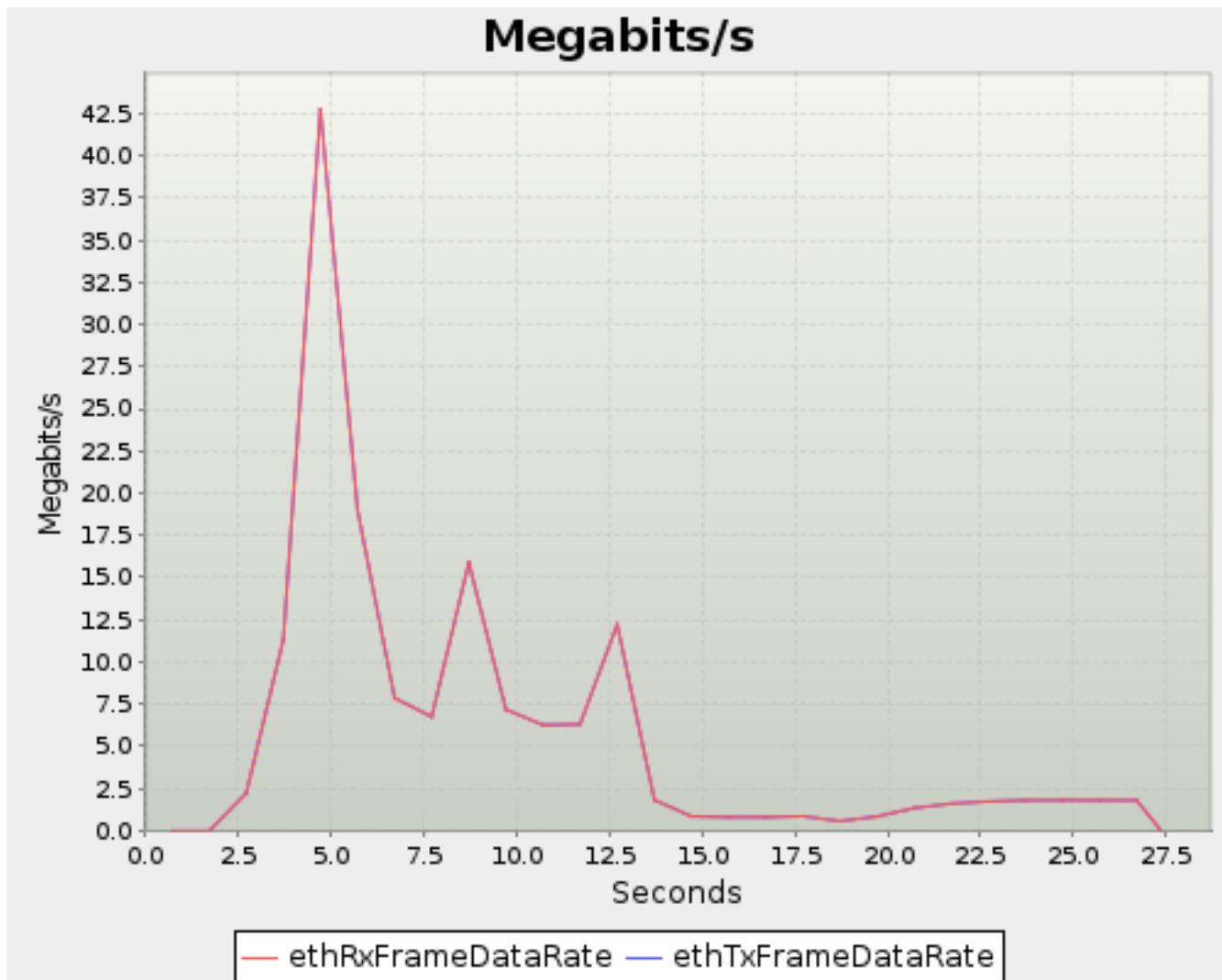
6.1.1.3. Frames/s



time	ethRxFrameRate	ethTxFrameRate
0.707	0	0
1.707	0	0
2.707	2,205	2,205
3.706	8,099	8,099
4.706	20,590	20,590
5.706	11,370	11,370
6.706	5,873	5,873
7.707	5,870	5,870
8.706	6,238	6,238
9.706	5,963	5,963
10.706	5,528	5,528
11.706	5,425	5,425
12.706	6,159	6,159
13.707	1,178	1,178
14.706	436	436
15.706	408	408
16.707	407	407
17.706	429.2	429.2
18.706	288	288
19.706	422	422
20.706	662	662
21.706	804	804
22.706	870	870
23.707	906	906
24.707	912	912

time	ethRxFrameRate	ethTxFrameRate
25.706	906	906
26.706	910	910
27.370	0	0

6.1.1.4. Megabits/s

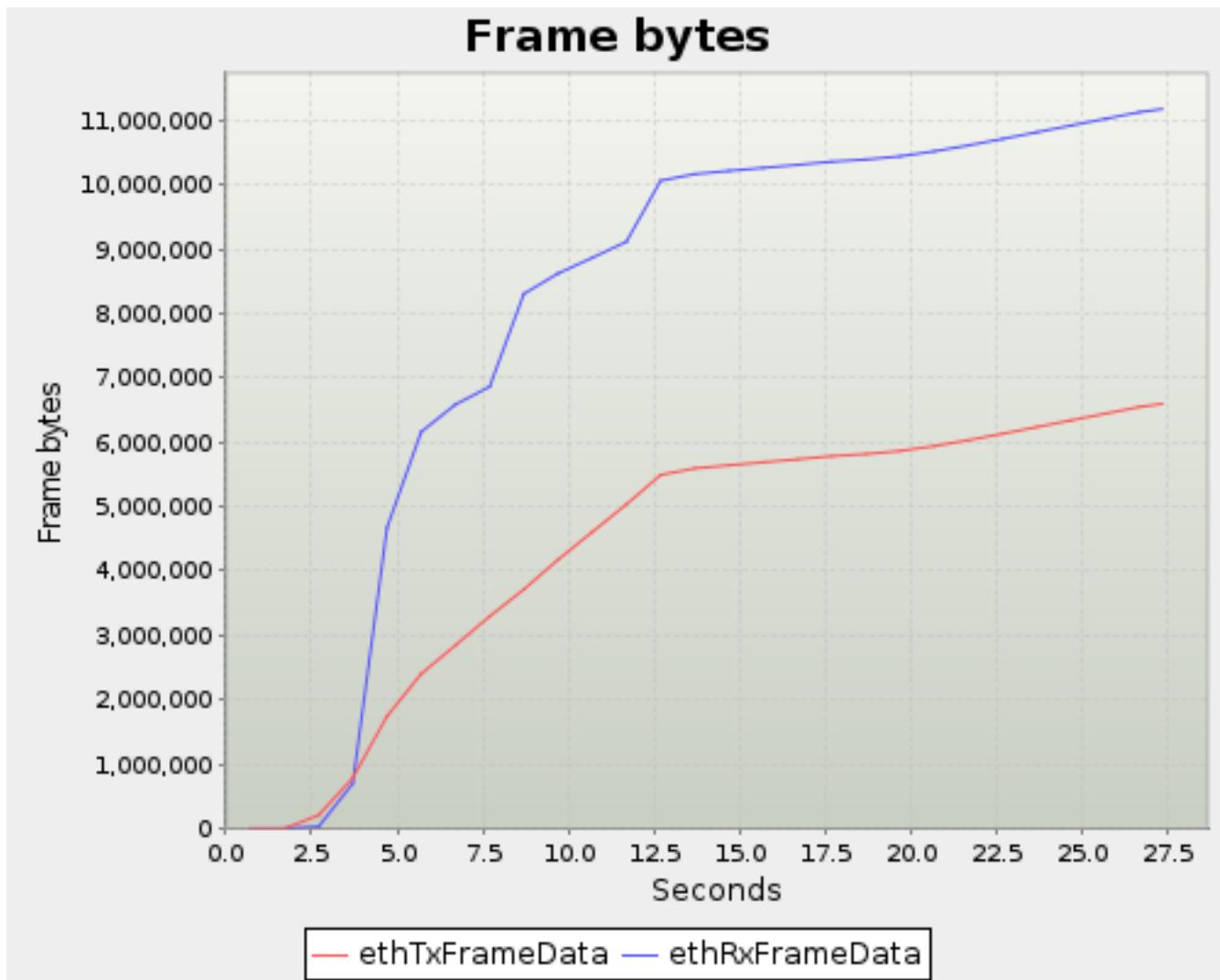


time	ethRxFrameDataRate	ethTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	2.23	2.23
3.706	11.32	11.32
4.706	42.74	42.74
5.706	19.01	19.01
6.706	7.867	7.867
7.707	6.756	6.756
8.706	15.89	15.89
9.706	7.19	7.19
10.706	6.267	6.267
11.706	6.315	6.315
12.706	12.22	12.22
13.707	1.831	1.831
14.706	0.8511	0.8511
15.706	0.8095	0.8095
16.707	0.8075	0.8075
17.706	0.8618	0.8618
18.706	0.5735	0.5735
19.706	0.845	0.845
20.706	1.342	1.342
21.706	1.605	1.605
22.706	1.738	1.738
23.707	1.807	1.807
24.707	1.814	1.814

time	ethRxFrameDataRate	ethTxFrameDataRate
25.706	1.807	1.807
26.706	1.812	1.812
27.370	0	0

6.1.2. [interface=1]

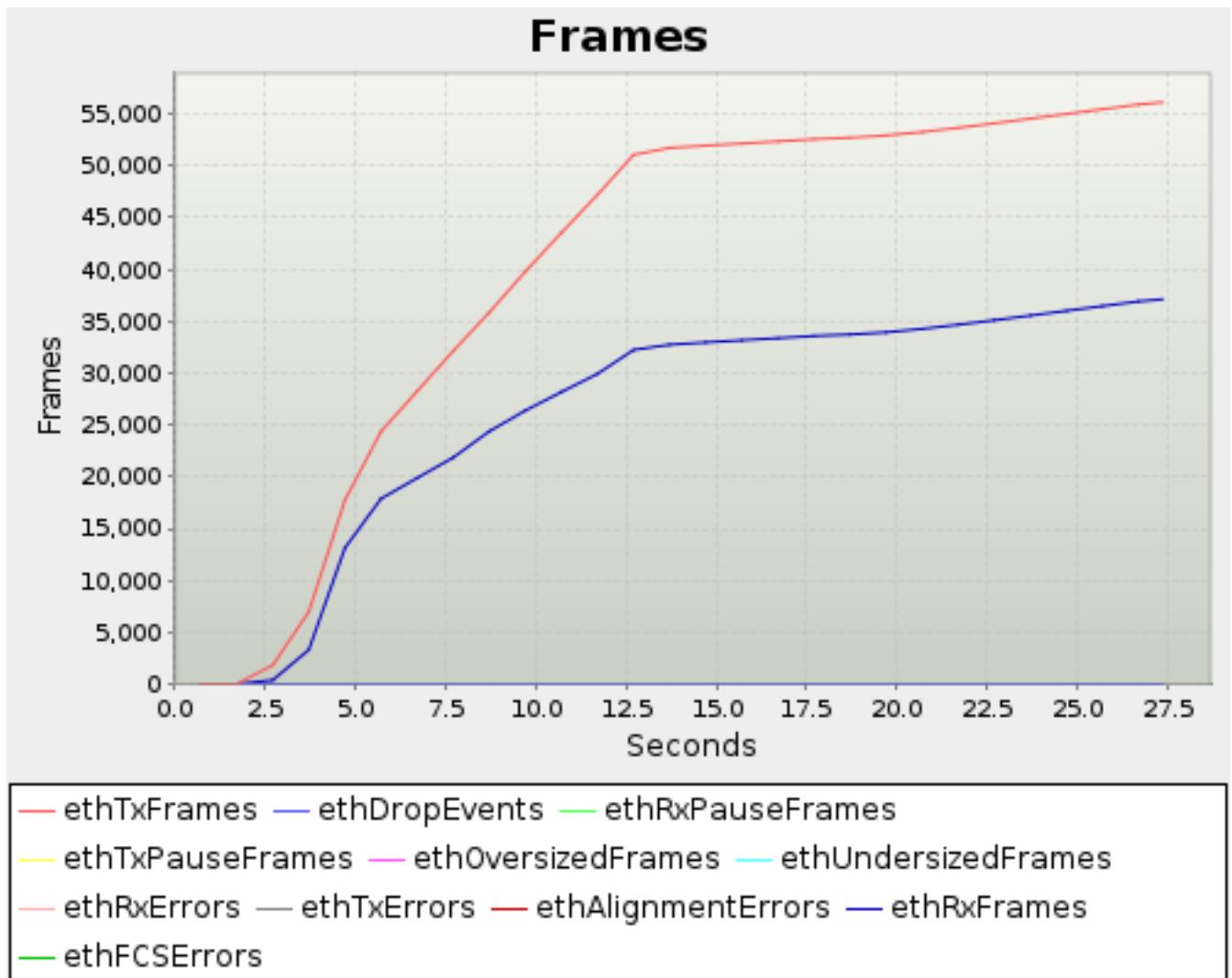
6.1.2.1. Frame bytes



time	ethRxFrameData	ethTxFrameData
0.707	0	0
1.707	0	0
2.707	28,942	205,704
3.706	700,565	786,822
4.706	4,674,534	1,743,712
5.706	6,163,437	2,403,739
6.706	6,587,773	2,845,368
7.707	6,864,209	3,296,044
8.706	8,307,640	3,714,456
9.706	8,624,390	4,177,154
10.706	8,867,958	4,606,460
11.706	9,118,475	5,036,830
12.706	10,066,443	5,493,253
13.707	10,169,560	5,595,390
14.706	10,218,912	5,643,702
15.706	10,265,432	5,690,214
16.707	10,311,952	5,736,726
17.706	10,361,826	5,785,726
18.706	10,395,231	5,818,251
19.706	10,444,479	5,866,190
20.706	10,523,064	5,942,172
21.706	10,615,306	6,034,428
22.706	10,715,666	6,133,953
23.707	10,819,529	6,237,837
24.707	10,923,755	6,342,105

time	ethRxFrameData	ethTxFrameData
25.706	11,027,618	6,445,989
26.706	11,131,602	6,550,257
27.370	11,179,684	6,598,225

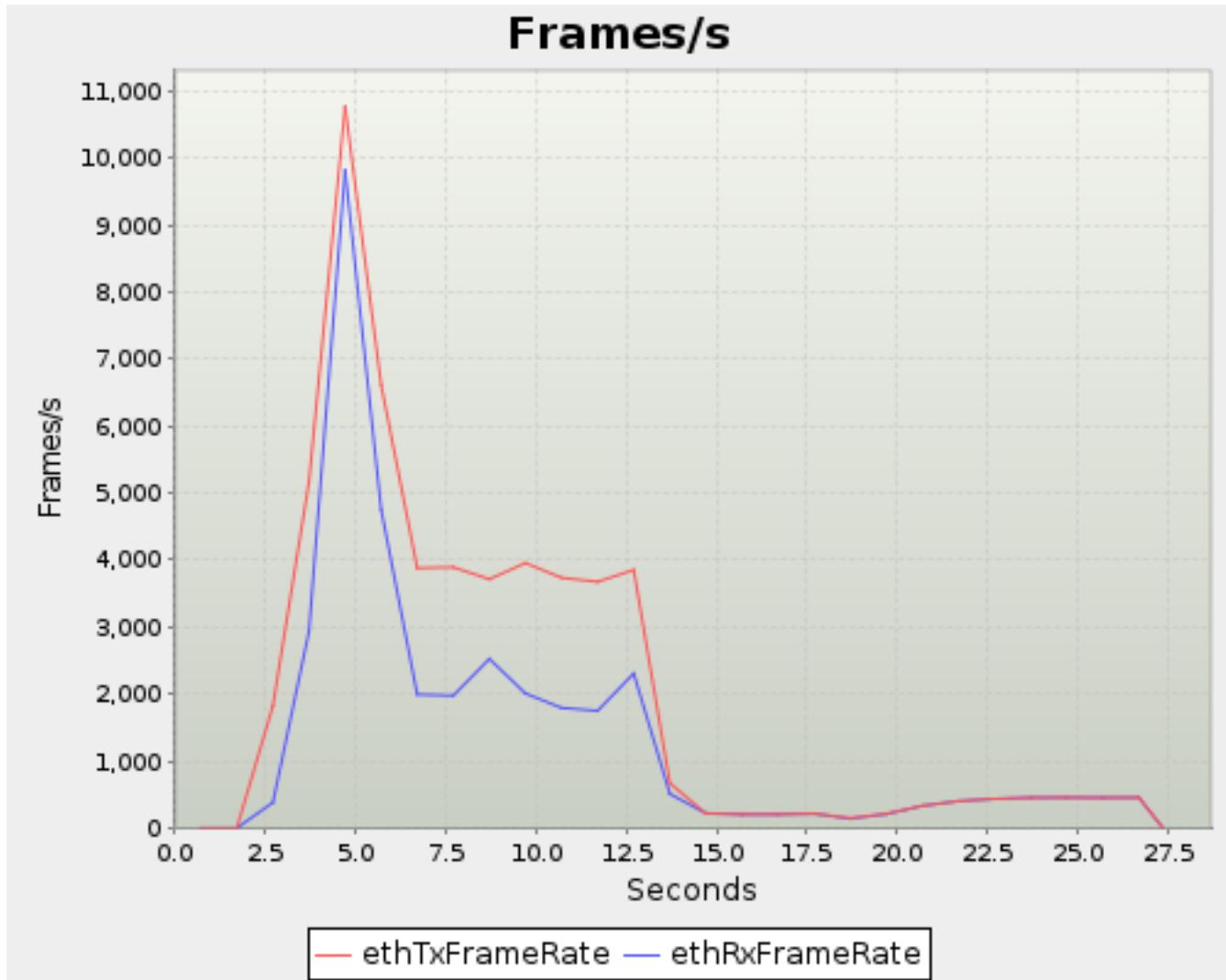
6.1.2.2. Frames



time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame s	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUnders izedFrame s
0.707	0	0	0	0	0	0	0	0	0	0	0
1.707	0	0	0	0	0	0	0	0	0	0	0
2.707	0	0	0	0	0	381	0	0	1,824	0	0
3.706	0	0	0	0	0	3,314	0	0	6,990	0	0
4.706	0	0	0	0	0	13,133	0	0	17,757	0	0
5.706	0	0	0	0	0	17,888	0	0	24,371	0	0
6.706	0	0	0	0	0	19,881	0	0	28,251	0	0
7.707	0	0	0	0	0	21,859	0	0	32,143	0	0
8.706	0	0	0	0	0	24,383	0	0	35,857	0	0
9.706	0	0	0	0	0	26,391	0	0	39,812	0	0
10.706	0	0	0	0	0	28,184	0	0	43,547	0	0
11.706	0	0	0	0	0	29,934	0	0	47,222	0	0
12.706	0	0	0	0	0	32,241	0	0	51,074	0	0
13.707	0	0	0	0	0	32,750	0	0	51,743	0	0
14.706	0	0	0	0	0	32,970	0	0	51,959	0	0
15.706	0	0	0	0	0	33,174	0	0	52,163	0	0
16.707	0	0	0	0	0	33,378	0	0	52,367	0	0
17.706	0	0	0	0	0	33,592	0	0	52,581	0	0
18.706	0	0	0	0	0	33,732	0	0	52,729	0	0
19.706	0	0	0	0	0	33,941	0	0	52,942	0	0
20.706	0	0	0	0	0	34,272	0	0	53,273	0	0
21.706	0	0	0	0	0	34,674	0	0	53,675	0	0

time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame rs	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUnders izedFrame rs
22.706	0	0	0	0	0	35,109	0	0	54,110	0	0
23.707	0	0	0	0	0	35,562	0	0	54,563	0	0
24.707	0	0	0	0	0	36,018	0	0	55,019	0	0
25.706	0	0	0	0	0	36,471	0	0	55,472	0	0
26.706	0	0	0	0	0	36,925	0	0	55,928	0	0
27.370	0	0	0	0	0	37,135	0	0	56,137	0	0

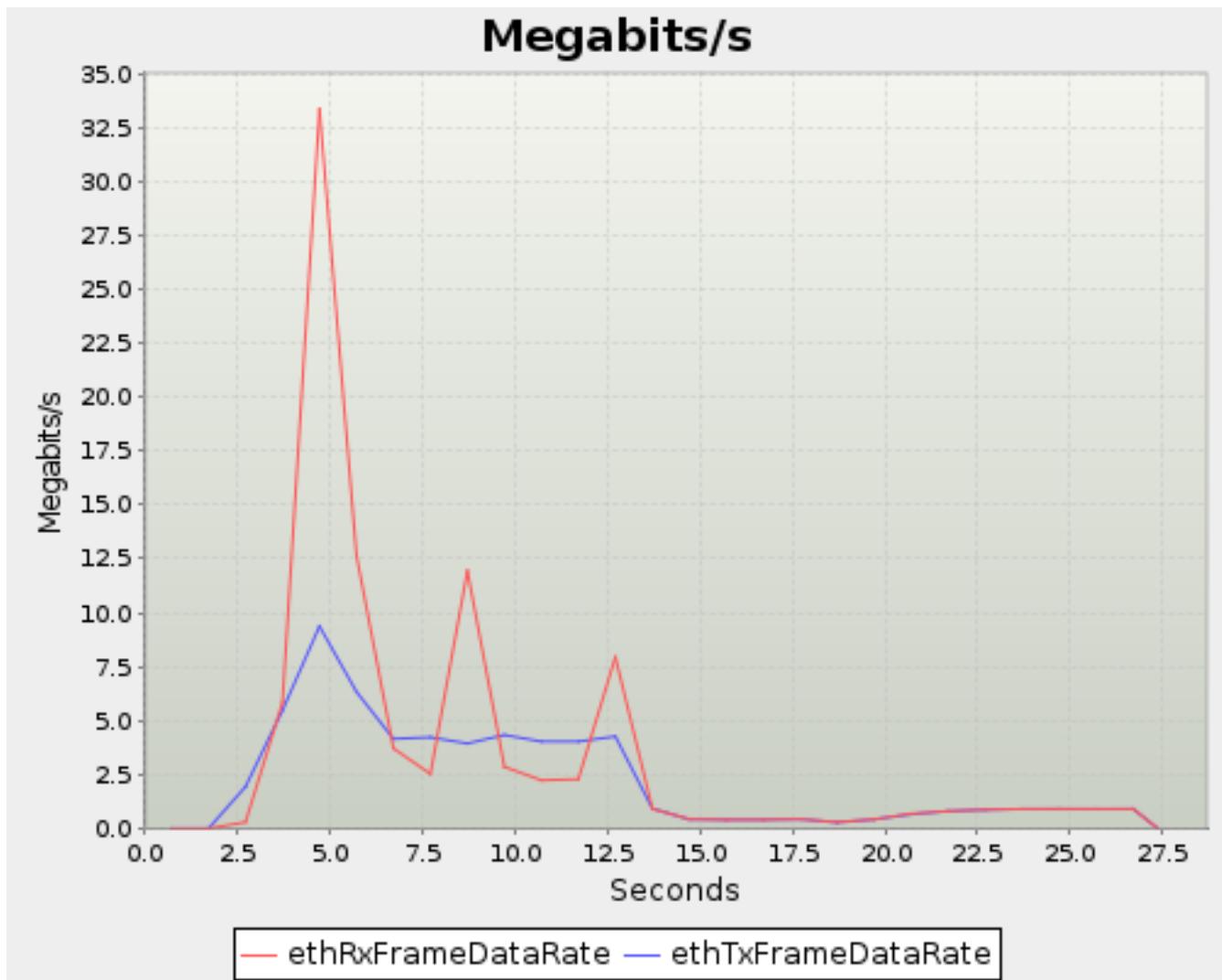
6.1.2.3. Frames/s



time	ethRxFrameRate	ethTxFrameRate
0.707	0	0
1.707	0	0
2.707	381	1,824
3.706	2,933	5,166
4.706	9,819	10,770
5.706	4,755	6,614
6.706	1,993	3,880
7.707	1,978	3,892
8.706	2,524	3,714
9.706	2,008	3,955
10.706	1,793	3,735
11.706	1,750	3,675
12.706	2,307	3,852
13.707	509	669
14.706	220	216
15.706	204	204
16.707	204	204
17.706	214	214
18.706	140	148
19.706	209	213
20.706	331	331
21.706	402	402
22.706	435	435
23.707	453	453
24.707	456	456

time	ethRxFrameRate	ethTxFrameRate
25.706	453	453
26.706	454	456
27.370	0	0

6.1.2.4. Megabits/s

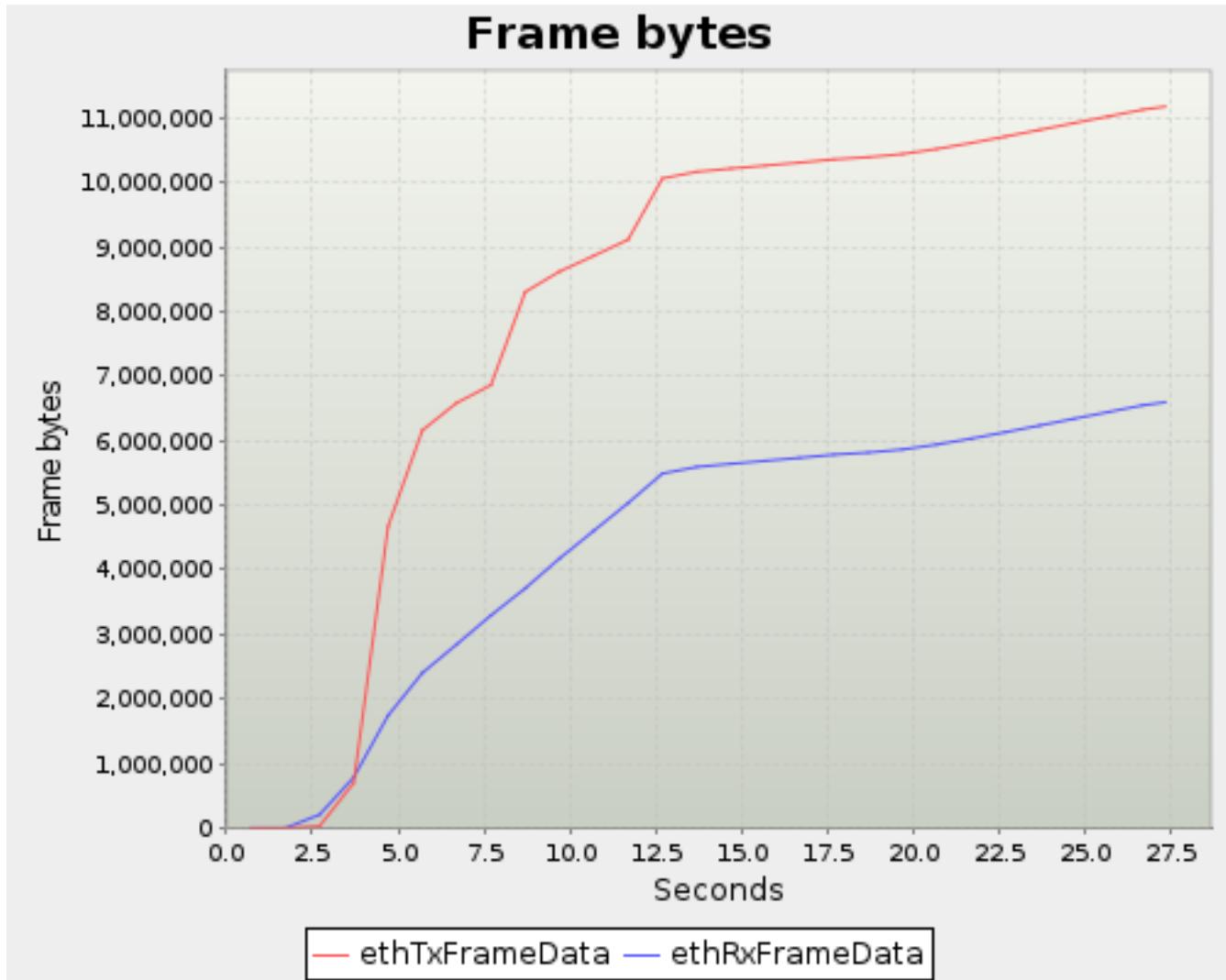


time	ethRxFrameDataRate	ethTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	0.2925	1.937
3.706	5.842	5.476
4.706	33.36	9.378
5.706	12.67	6.338
6.706	3.714	4.154
7.707	2.528	4.228
8.706	11.95	3.942
9.706	2.855	4.334
10.706	2.235	4.032
11.706	2.284	4.031
12.706	7.953	4.268
13.707	0.9064	0.9241
14.706	0.43	0.4211
15.706	0.4048	0.4047
16.707	0.4048	0.4047
17.706	0.4332	0.4262
18.706	0.2896	0.2839
19.706	0.4274	0.4176
20.706	0.6816	0.6608
21.706	0.8023	0.8024
22.706	0.8725	0.8658
23.707	0.9034	0.9036
24.707	0.9068	0.9071

time	ethRxFrameDataRate	ethTxFrameDataRate
25.706	0.9034	0.9036
26.706	0.9045	0.9071
27.370	0	0

6.1.3. [interface=2]

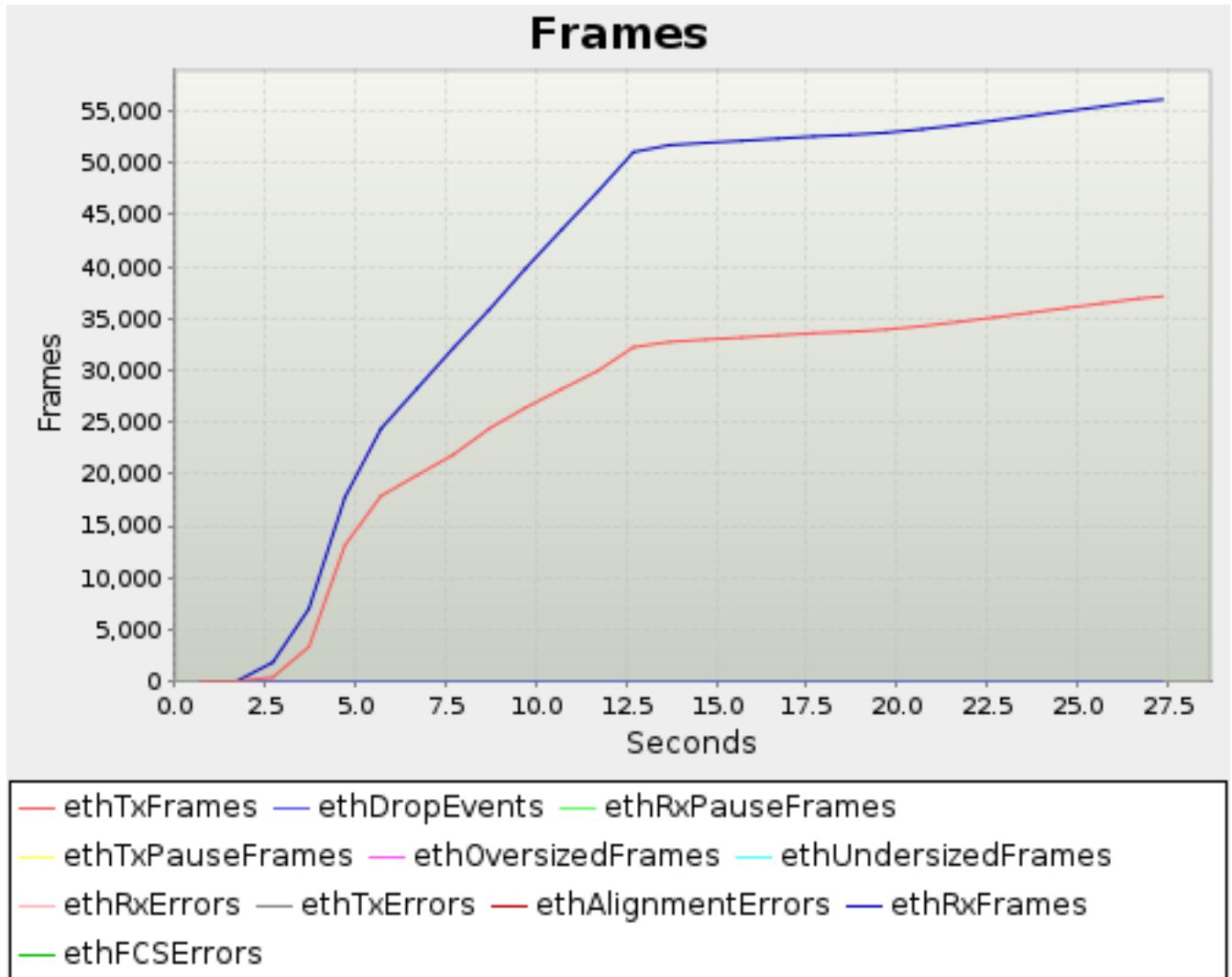
6.1.3.1. Frame bytes



time	ethRxFrameData	ethTxFrameData
0.707	0	0
1.707	0	0
2.707	205,704	28,942
3.706	786,822	700,565
4.706	1,743,712	4,674,890
5.706	2,403,739	6,163,437
6.706	2,845,368	6,587,773
7.707	3,296,044	6,864,209
8.706	3,714,456	8,307,640
9.706	4,177,154	8,624,390
10.706	4,606,460	8,867,958
11.706	5,036,830	9,118,475
12.706	5,493,253	10,066,443
13.707	5,595,390	10,169,560
14.706	5,643,702	10,218,912
15.706	5,690,214	10,265,432
16.707	5,736,956	10,312,182
17.706	5,785,726	10,361,826
18.706	5,818,251	10,395,231
19.706	5,866,190	10,444,479
20.706	5,942,172	10,523,064
21.706	6,034,428	10,615,306
22.706	6,133,953	10,715,666
23.707	6,237,837	10,819,529
24.707	6,342,105	10,923,755

time	ethRxFrameData	ethTxFrameData
25.706	6,445,989	11,027,618
26.706	6,550,257	11,131,602
27.370	6,598,225	11,179,684

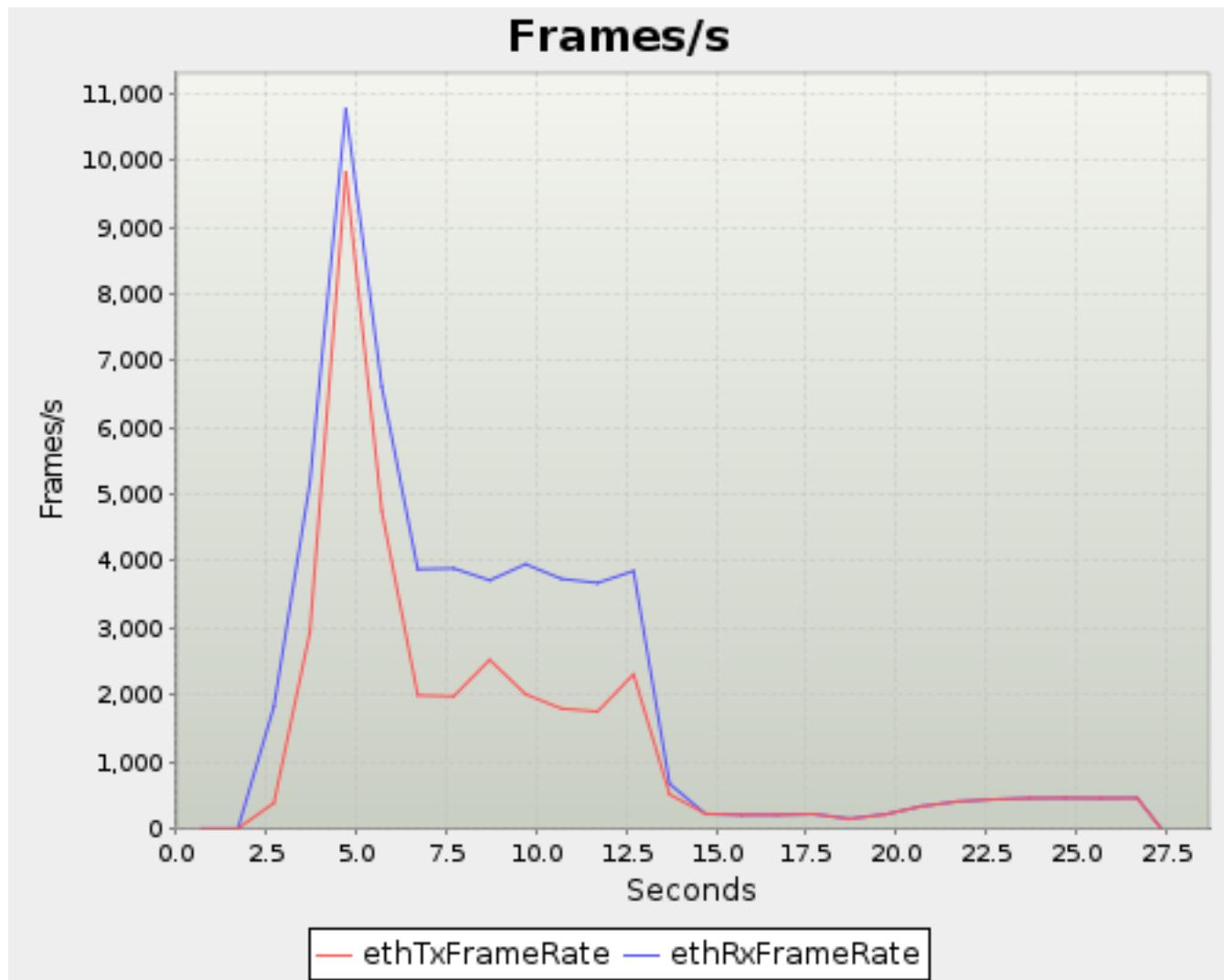
6.1.3.2. Frames



time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame s	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUnders izedFrame s
0.707	0	0	0	0	0	0	0	0	0	0	0
1.707	0	0	0	0	0	0	0	0	0	0	0
2.707	0	0	0	0	0	1,824	0	0	381	0	0
3.706	0	0	0	0	0	6,990	0	0	3,314	0	0
4.706	0	0	0	0	0	17,757	0	0	13,134	0	0
5.706	0	0	0	0	0	24,371	0	0	17,888	0	0
6.706	0	0	0	0	0	28,251	0	0	19,881	0	0
7.707	0	0	0	0	0	32,143	0	0	21,859	0	0
8.706	0	0	0	0	0	35,857	0	0	24,383	0	0
9.706	0	0	0	0	0	39,812	0	0	26,391	0	0
10.706	0	0	0	0	0	43,547	0	0	28,184	0	0
11.706	0	0	0	0	0	47,222	0	0	29,934	0	0
12.706	0	0	0	0	0	51,074	0	0	32,241	0	0
13.707	0	0	0	0	0	51,743	0	0	32,750	0	0
14.706	0	0	0	0	0	51,959	0	0	32,970	0	0
15.706	0	0	0	0	0	52,163	0	0	33,174	0	0
16.707	0	0	0	0	0	52,368	0	0	33,379	0	0
17.706	0	0	0	0	0	52,581	0	0	33,592	0	0
18.706	0	0	0	0	0	52,729	0	0	33,732	0	0
19.706	0	0	0	0	0	52,942	0	0	33,941	0	0
20.706	0	0	0	0	0	53,273	0	0	34,272	0	0
21.706	0	0	0	0	0	53,675	0	0	34,674	0	0

time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame rs	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUnders izedFrame rs
22.706	0	0	0	0	0	54,110	0	0	35,109	0	0
23.707	0	0	0	0	0	54,563	0	0	35,562	0	0
24.707	0	0	0	0	0	55,019	0	0	36,018	0	0
25.706	0	0	0	0	0	55,472	0	0	36,471	0	0
26.706	0	0	0	0	0	55,928	0	0	36,925	0	0
27.370	0	0	0	0	0	56,137	0	0	37,135	0	0

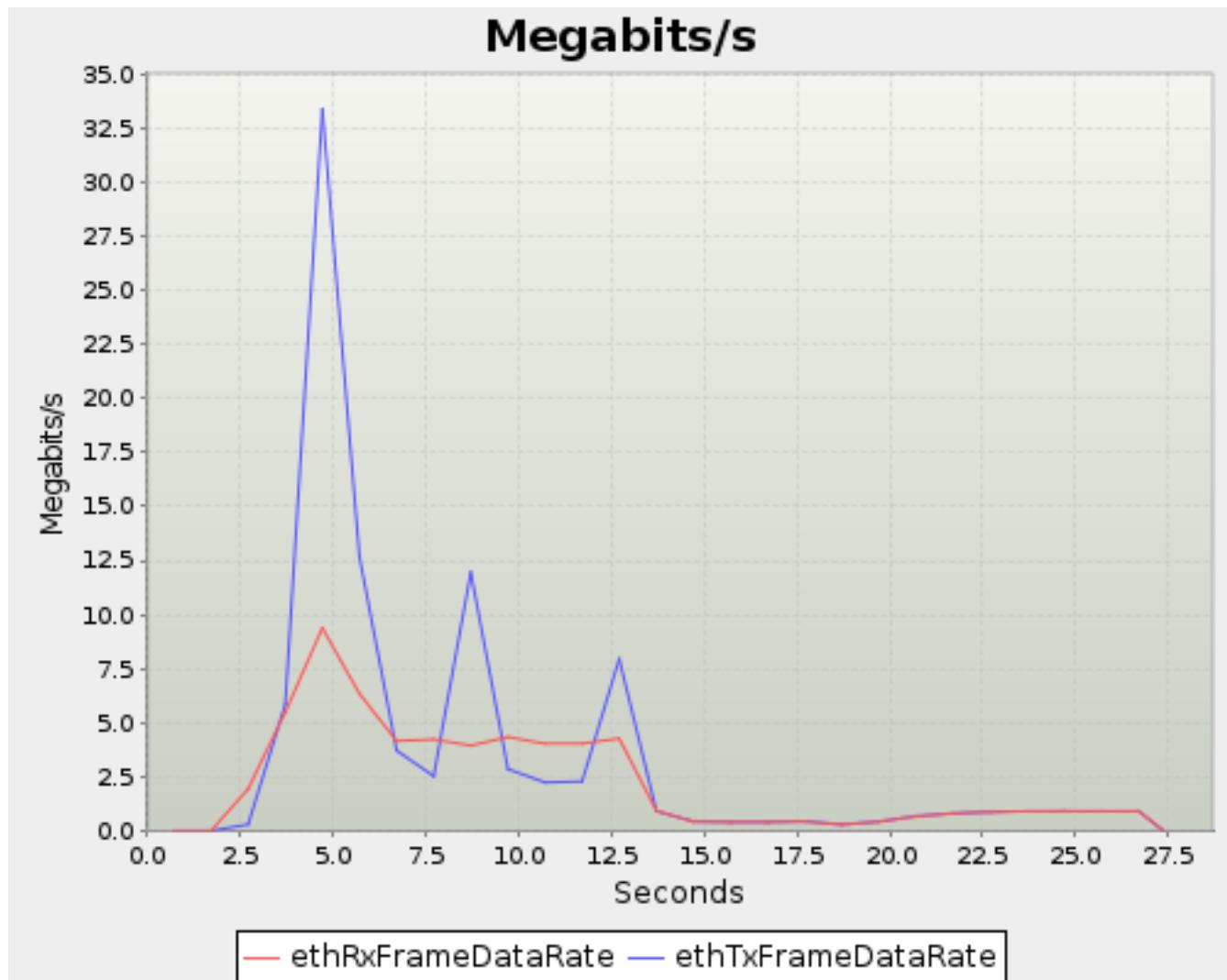
6.1.3.3. Frames/s



time	ethRxFrameRate	ethTxFrameRate
0.707	0	0
1.707	0	0
2.707	1,824	381
3.706	5,166	2,933
4.706	10,770	9,820
5.706	6,614	4,754
6.706	3,880	1,993
7.707	3,892	1,978
8.706	3,714	2,524
9.706	3,955	2,008
10.706	3,735	1,793
11.706	3,675	1,750
12.706	3,852	2,307
13.707	669	509
14.706	216	220
15.706	204	204
16.707	203	203
17.706	215.2	215.2
18.706	148	140
19.706	213	209
20.706	331	331
21.706	402	402
22.706	435	435
23.707	453	453
24.707	456	456

time	ethRxFrameRate	ethTxFrameRate
25.706	453	453
26.706	456	454
27.370	0	0

6.1.3.4. Megabits/s



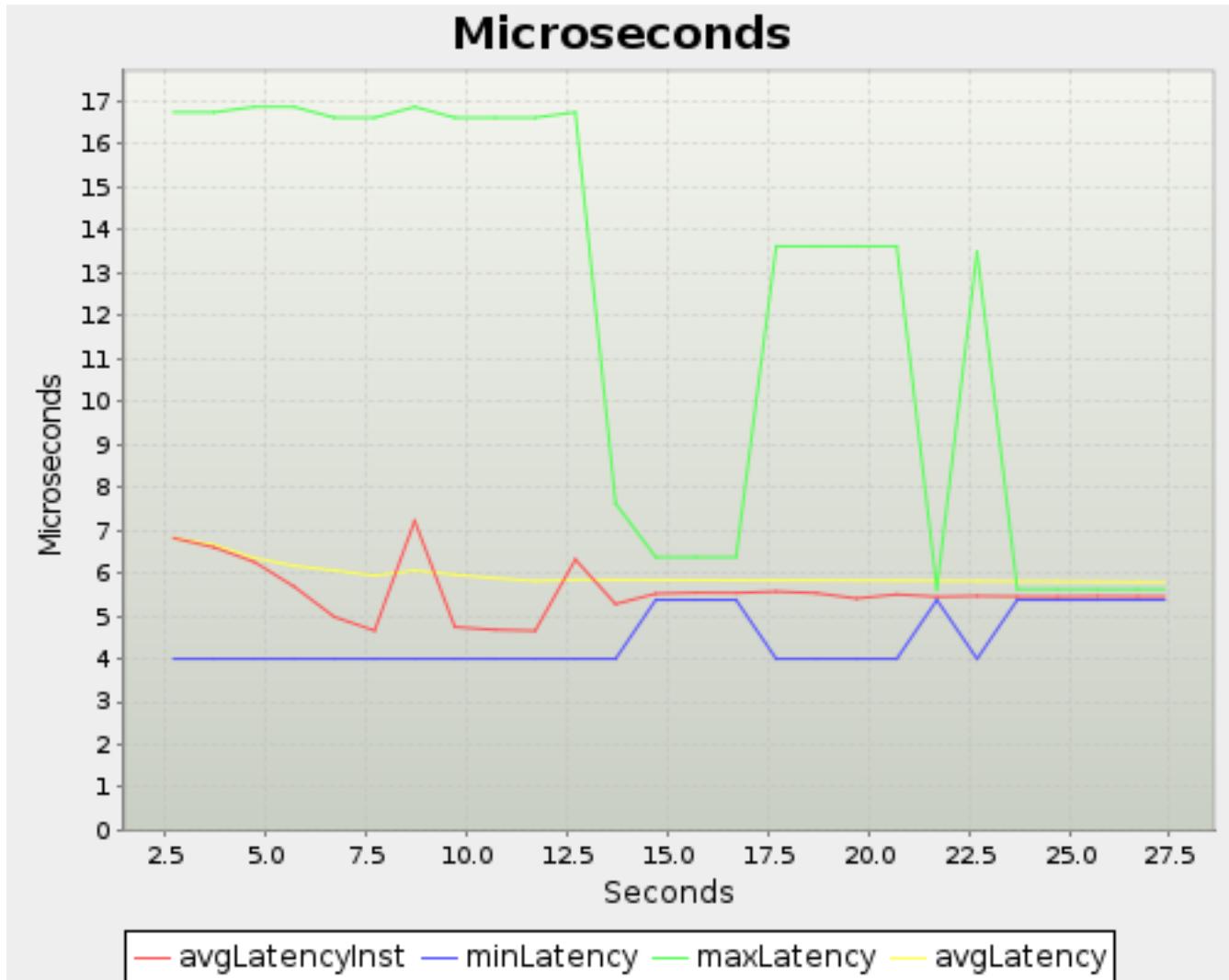
time	ethRxFrameDataRate	ethTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	1.937	0.2925
3.706	5.476	5.842
4.706	9.378	33.37
5.706	6.338	12.67
6.706	4.154	3.714
7.707	4.228	2.528
8.706	3.942	11.95
9.706	4.334	2.855
10.706	4.032	2.235
11.706	4.031	2.284
12.706	4.268	7.953
13.707	0.9241	0.9064
14.706	0.4211	0.43
15.706	0.4047	0.4048
16.707	0.4027	0.4028
17.706	0.4285	0.4356
18.706	0.2839	0.2896
19.706	0.4176	0.4274
20.706	0.6608	0.6816
21.706	0.8024	0.8023
22.706	0.8658	0.8725
23.707	0.9036	0.9034
24.707	0.9071	0.9068

time	ethRxFrameDataRate	ethTxFrameDataRate
25.706	0.9036	0.9034
26.706	0.9071	0.9045
27.370	0	0

6.2. Latency (layer 1-2)

6.2.1. [all]

6.2.1.1. Microseconds

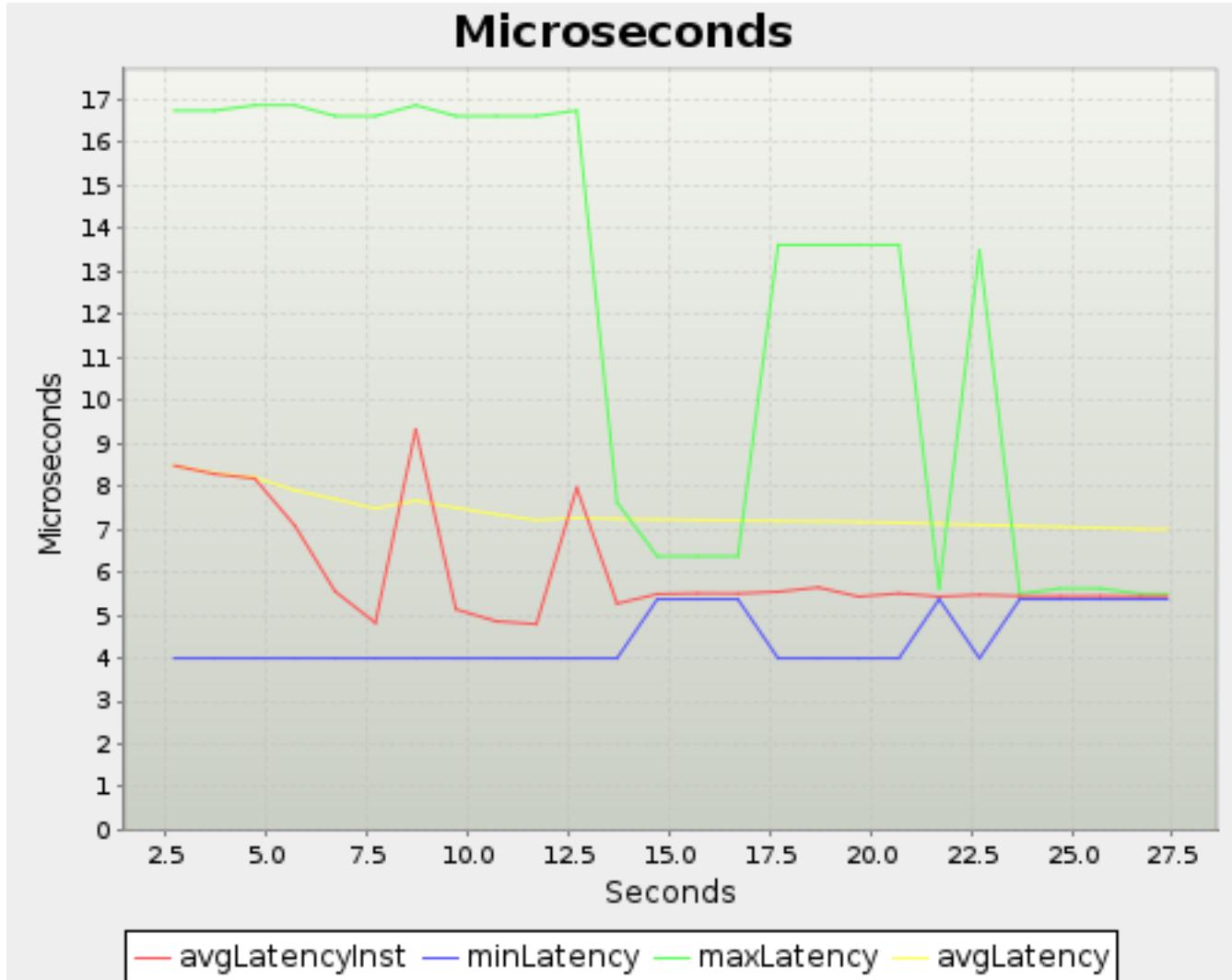


time	avgLatency	avgLatencyInst	maxLatency	minLatency
2.707	6.817750677506775	6.817750677506775	16.75	4
3.706	6.662068965517242	6.602982771920802	16.75	4
4.706	6.354482176755958	6.264503816793893	16.875	4
5.706	6.173324722452871	5.685996368588289	16.875	4
6.706	6.061606221949655	4.979141835518474	16.625	4
7.707	5.945269562105371	4.659581022797289	16.625	4
8.706	6.059733792525713	7.221271076523995	16.875	4
9.706	5.964911901882881	4.7441581785500295	16.625	4
10.706	5.88341895554387	4.677635782747604	16.625	4
11.706	5.813997862921691	4.65677680377613	16.625	4
12.706	5.846584926201567	6.317968534363787	16.75	4
13.707	5.840141155712395	5.279503105590062	7.624999999999997	4
14.706	5.837897503285151	5.52	6.375	5.375
15.706	5.83583881407245	5.541353383458647	6.375	5.375
16.707	5.833999066244748	5.53781512605042	6.375	5.375
17.706	5.831824261755324	5.571428571428571	13.625	4
18.706	5.830547255186545	5.53386454183267	13.625	4
19.706	5.827415555141264	5.408675799086758	13.625	4
20.706	5.823634840871022	5.503586800573888	13.625	4
21.706	5.8186174871515215	5.450184501845018	5.624999999999997	5.375
22.706	5.813751853843772	5.465721040189125	13.5	4
23.707	5.808602910469337	5.457174638487208	5.624999999999997	5.375
24.707	5.803556160739732	5.454444444444444	5.624999999999997	5.375
25.706	5.799233956069726	5.4609665427509295	5.624999999999997	5.375
26.706	5.792425658388614	5.458333333333333	5.624999999999997	5.375

time	avgLatency	avgLatencyInst	maxLatency	minLatency
27.370	5.792425658388614	5.458333333333333	5.624999999999997	5.375

6.2.2. [interface=1]

6.2.2.1. Microseconds

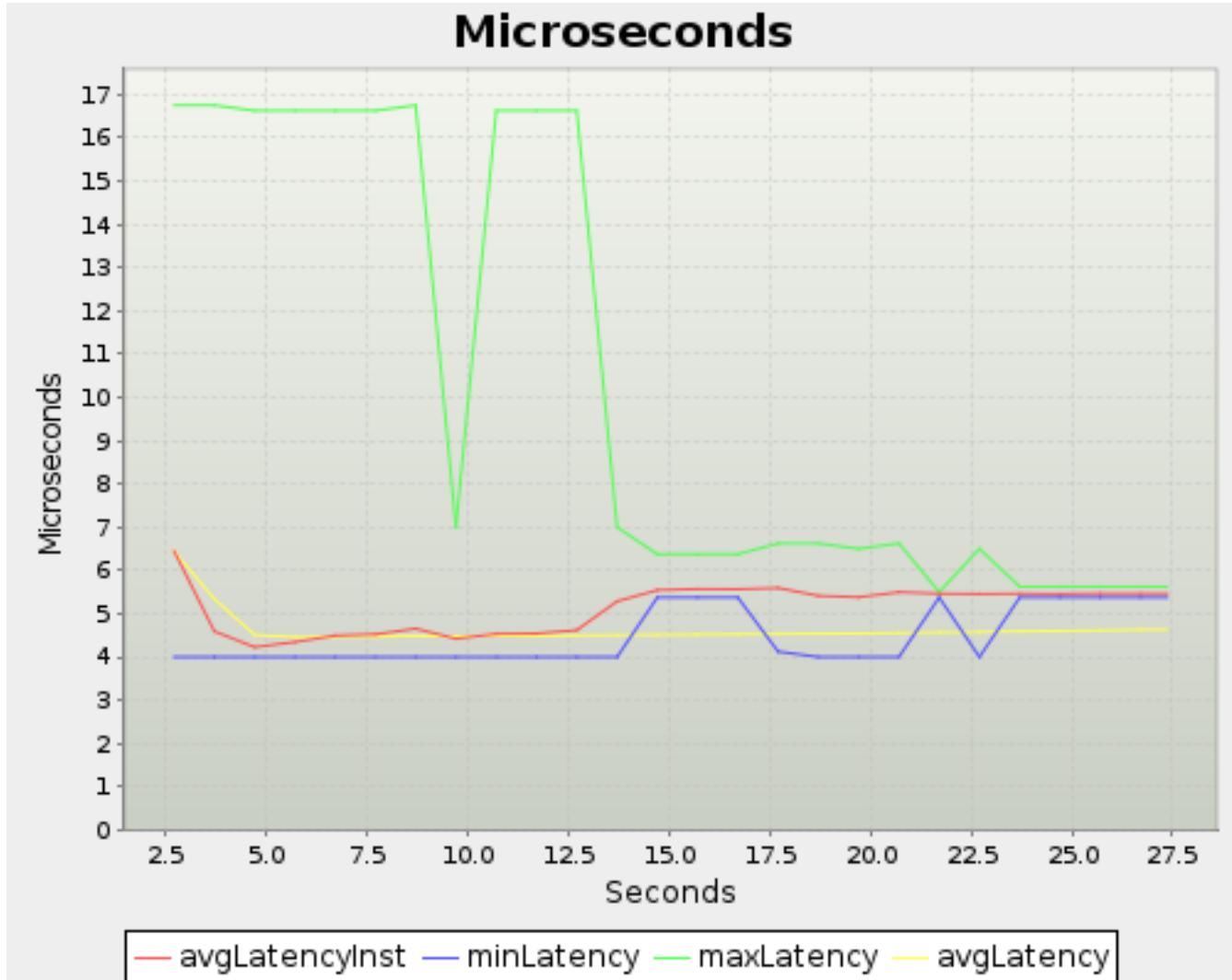


time	avgLatency	avgLatencyInst	maxLatency	minLatency
2.707	8.486988847583643	8.486988847583643	16.75	4
3.706	8.313050776332354	8.290917691579944	16.75	4
4.706	8.210811268082226	8.184996821360457	16.875	4
5.706	7.910488470121497	7.086986778009742	16.875	4
6.706	7.706085479762241	5.5551206784083496	16.625	4
7.707	7.486429953459186	4.825102880658436	16.625	4
8.706	7.669883715455958	9.32625118035883	16.875	4
9.706	7.503738893287587	5.139986604152712	16.625	4
10.706	7.35153173320068	4.860331173506119	16.625	4
11.706	7.217748271527341	4.796699174793698	16.625	4
12.706	7.2683105558201735	7.9689711486118675	16.75	4
13.707	7.243766511055622	5.273529411764706	7.624999999999997	4
14.706	7.2312003736571695	5.495	6.375	5.375
15.706	7.218999714611872	5.5125628140703515	6.375	5.375
16.707	7.2082668651848705	5.508474576271187	6.375	5.375
17.706	7.194200351493849	5.547717842323651	13.625	4
18.706	7.187276926306949	5.6484375	13.625	4
19.706	7.17401722461453	5.435779816513762	13.625	4
20.706	7.154091610910962	5.510028653295129	13.625	4
21.706	7.130375934761276	5.436274509803922	5.624999999999997	5.375
22.706	7.107018948492127	5.475177304964539	13.5	4
23.707	7.082528100966279	5.4511111111111115	5.5	5.375
24.707	7.058751133566524	5.4511111111111115	5.624999999999997	5.375
25.706	7.038076664855015	5.45409429280397	5.624999999999997	5.375
26.706	7.0054800526085055	5.4487804878048784	5.5	5.375

time	avgLatency	avgLatencyInst	maxLatency	minLatency
27.370	7.0054800526085055	5.4487804878048784	5.5	5.375

6.2.3. [interface=2]

6.2.3.1. Microseconds



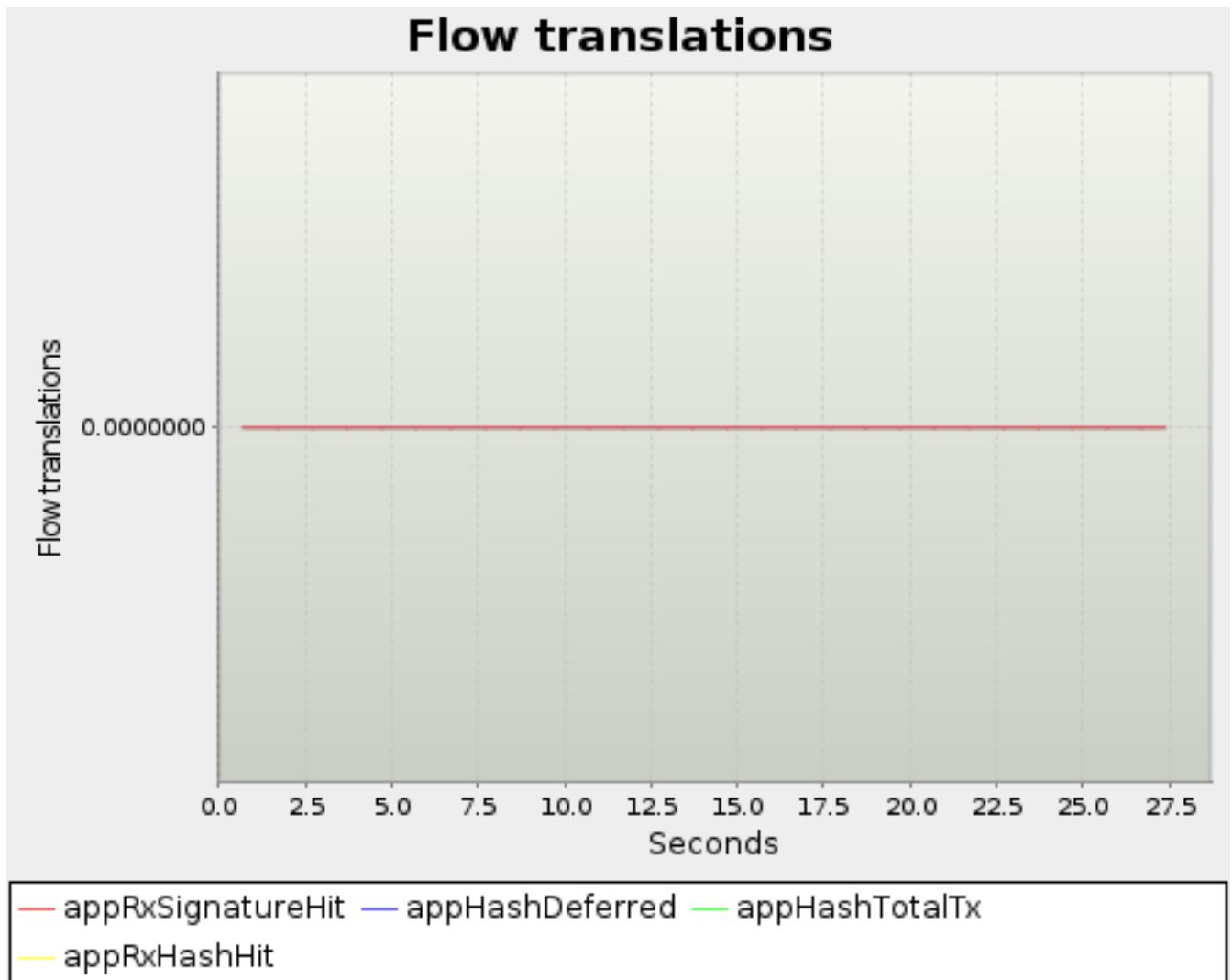
time	avgLatency	avgLatencyInst	maxLatency	minLatency
2.707	6.445733222866611	6.445733222866611	16.75	4
3.706	5.342723004694836	4.5926760563380284	16.75	4
4.706	4.507993941433861	4.228375645922265	16.625	4
5.706	4.462984436985047	4.3441457453899135	16.625	4
6.706	4.466168717047451	4.494788809654416	16.625	4
7.707	4.4713942788557715	4.524608501118569	16.625	4
8.706	4.486035061887452	4.6545768566493955	16.75	4
9.706	4.481168886249894	4.4238482384823845	7	4
10.706	4.484655792092894	4.53187823090178	16.625	4
11.706	4.488164143662808	4.542559706062462	16.625	4
12.706	4.496346301064793	4.619820828667414	16.625	4
13.707	4.5046140072997725	5.286184210526316	7	4
14.706	4.511729703850626	5.545	6.375	5.375
15.706	4.518918551728823	5.57	6.375	5.375
16.707	4.525285260954695	5.566666666666666	6.375	5.375
17.706	4.533953924457541	5.595041322314049	6.624999999999997	4.124999999999997
18.706	4.537566278720779	5.414634146341464	6.624999999999997	4
19.706	4.543715032939385	5.3818181818182	6.5	4
20.706	4.554573719522173	5.497126436781609	6.624999999999997	4
21.706	4.566472868217054	5.4641975308641975	5.5	5.375
22.706	4.578466048497594	5.456264775413712	6.5	4
23.707	4.590946217642624	5.463251670378619	5.624999999999997	5.375
24.707	4.603029552072362	5.457777777777777	5.624999999999997	5.375
25.706	4.613718411552346	5.467821782178218	5.624999999999997	5.375
26.706	4.630492816221242	5.467980295566503	5.624999999999997	5.375

time	avgLatency	avgLatencyInst	maxLatency	minLatency
27.370	4.630492816221242	5.467980295566503	5.624999999999997	5.375

6.3. Application (layer7)

6.3.1. [all]

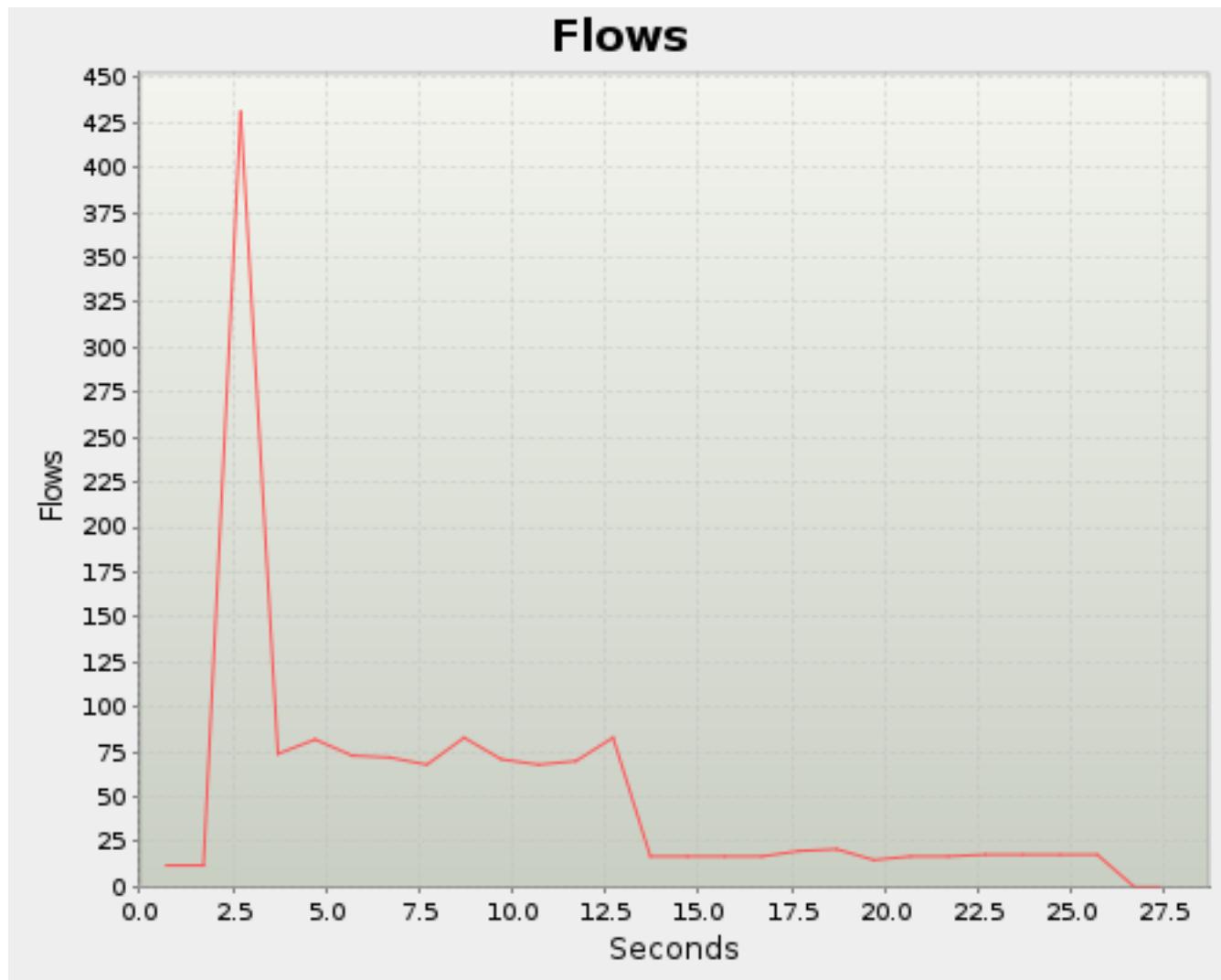
6.3.1.1. Flow translations



time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
0.707	0	0	0	0
1.707	0	0	0	0
2.707	0	0	0	0
3.706	0	0	0	0
4.706	0	0	0	0
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0

time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
25.706	0	0	0	0
26.706	0	0	0	0
27.370	0	0	0	0

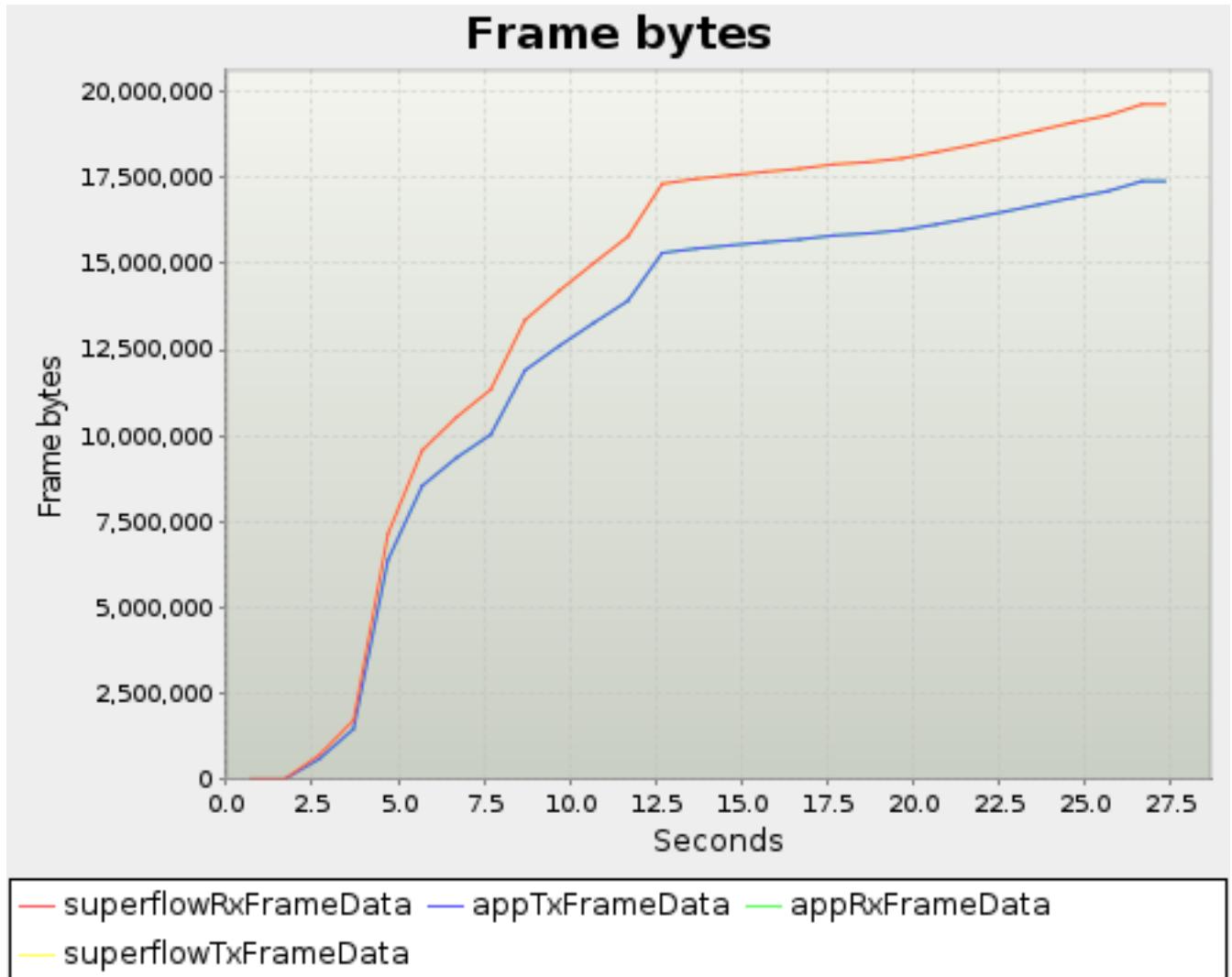
6.3.1.2. Flows



time	concurrentAppFlows
0.707	12
1.707	12
2.707	431
3.706	74
4.706	82
5.706	73
6.706	72
7.707	68
8.706	83
9.706	71
10.706	68
11.706	70
12.706	83
13.707	17
14.706	17
15.706	17
16.707	17
17.706	20
18.706	21
19.706	15
20.706	17
21.706	17
22.706	18
23.707	18
24.707	18

time	concurrentAppFlows
25.706	18
26.706	0
27.370	0

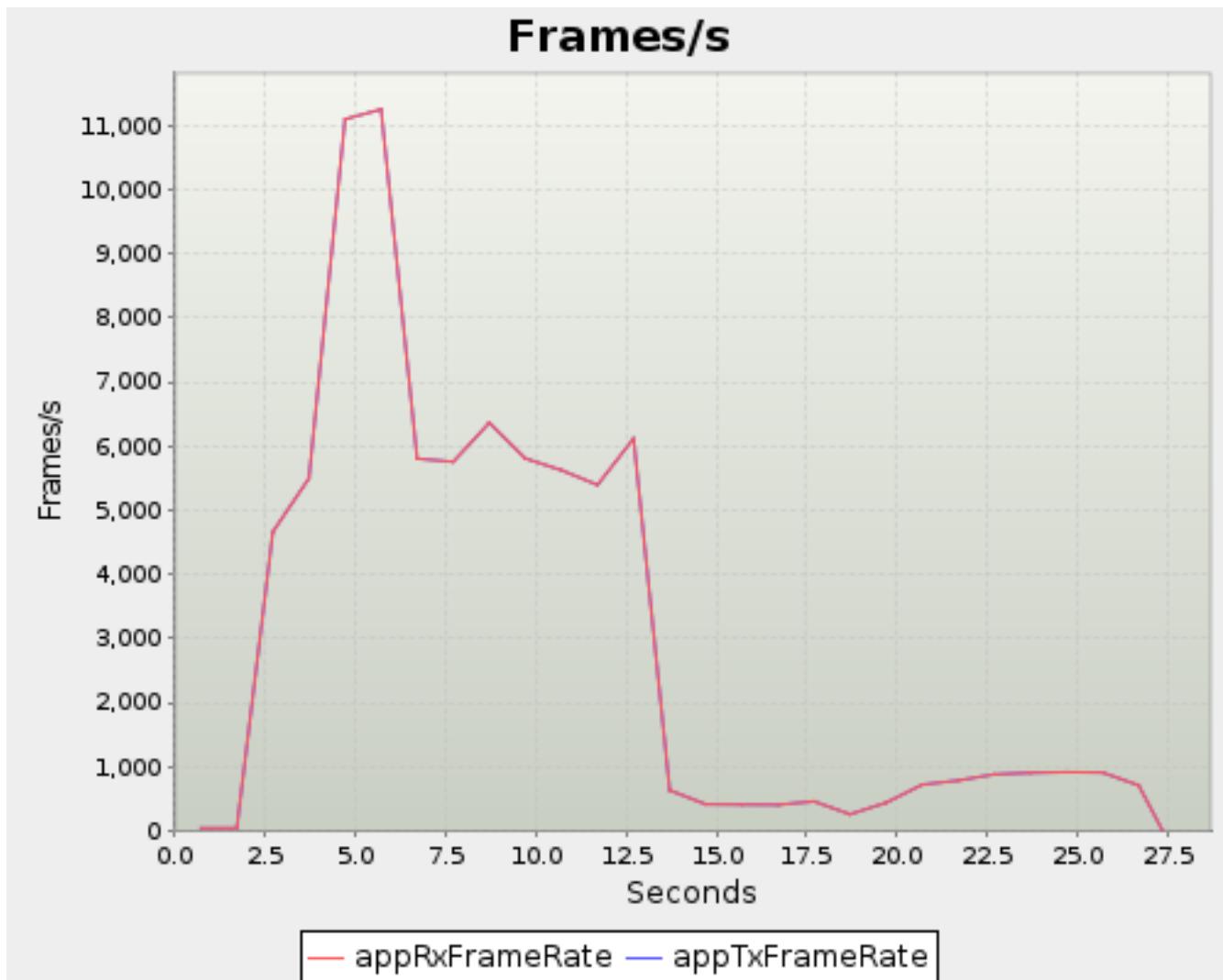
6.3.1.3. Frame bytes



time	appRxFrameData	appTxFrameData	superflowRxFrameData	superflowTxFrameData
0.707	3,003	3,003	4,502	4,502
1.707	3,003	3,003	4,502	4,502
2.707	582,156	582,156	703,005	703,005
3.706	1,460,736	1,460,736	1,713,830	1,713,830
4.706	6,374,425	6,375,939	7,135,455	7,136,993
5.706	8,531,436	8,532,950	9,567,296	9,568,834
6.706	9,350,974	9,352,488	10,531,379	10,532,917
7.707	10,024,966	10,026,480	11,339,581	11,341,119
8.706	11,895,663	11,897,177	13,362,401	13,363,939
9.706	12,607,765	12,609,279	14,213,888	14,215,426
10.706	13,273,586	13,275,230	15,014,042	15,015,580
11.706	13,920,013	13,921,527	15,789,880	15,791,418
12.706	15,312,448	15,313,962	17,326,792	17,328,330
13.707	15,441,218	15,442,732	17,472,374	17,473,912
14.706	15,533,974	15,535,488	17,573,566	17,575,104
15.706	15,625,374	15,626,888	17,674,758	17,676,296
16.707	15,706,378	15,707,892	17,765,450	17,766,988
17.706	15,821,170	15,822,684	17,891,958	17,893,496
18.706	15,881,300	15,882,814	17,958,756	17,960,294
19.706	15,978,893	15,980,407	18,066,289	18,067,827
20.706	16,144,212	16,145,726	18,251,008	18,252,546
21.706	16,324,051	16,325,565	18,448,023	18,449,561
22.706	16,517,503	16,519,017	18,662,019	18,663,557
23.707	16,721,050	16,722,564	18,887,738	18,889,276
24.707	16,926,348	16,927,862	19,114,972	19,116,510

time	appRxFrameData	appTxFrameData	superflowRxFrameData	superflowTxFrameData
25.706	17,109,679	17,111,193	19,317,839	19,319,377
26.706	17,403,241	17,404,755	19,641,721	19,643,259
27.370	17,403,241	17,404,755	19,641,721	19,643,259

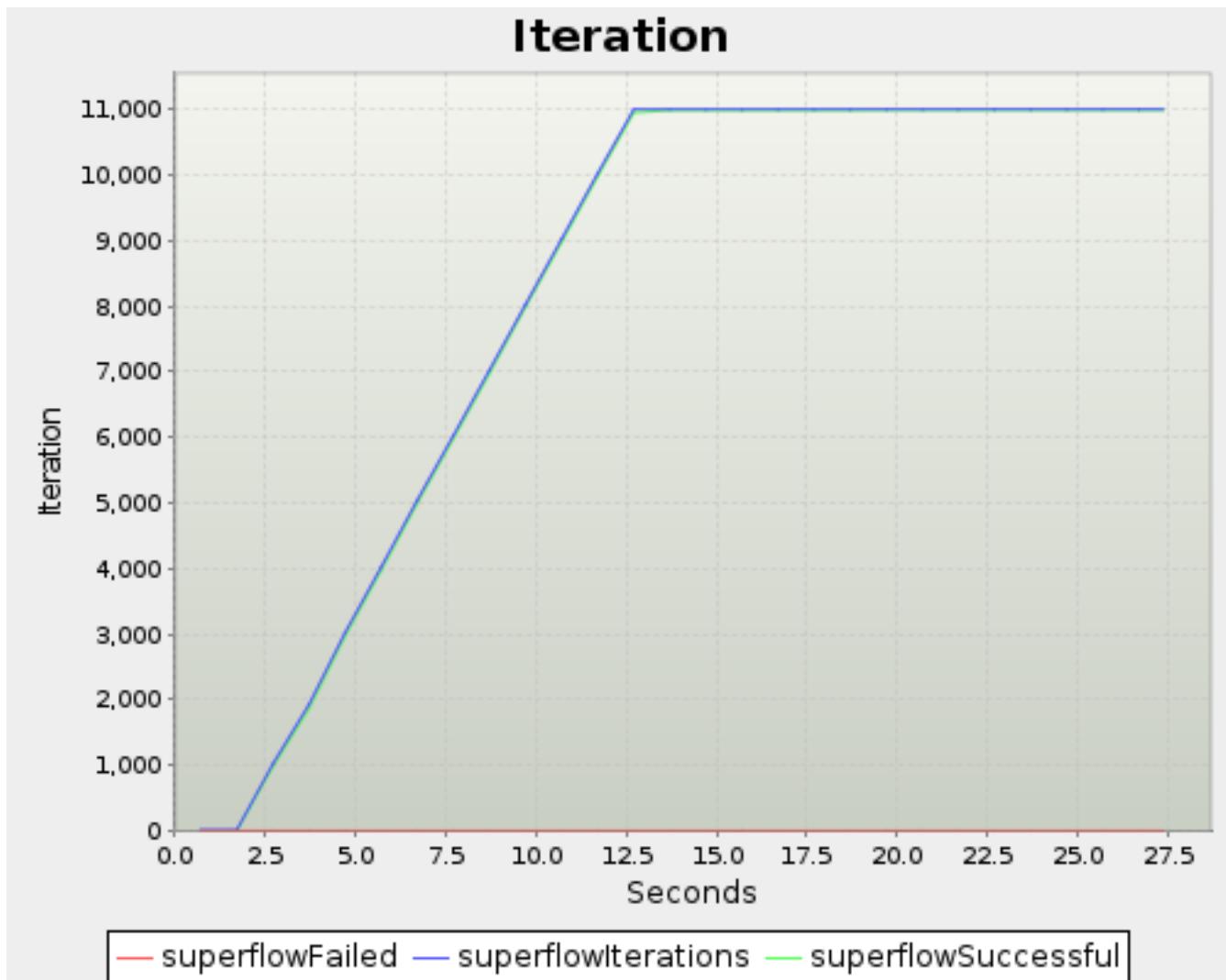
6.3.1.4. Frames/s



time	appRxFrameRate	appTxFrameRate
0.707	41.731068	41.731068
1.707	41.731068	41.731068
2.707	4,661.836999999995	4,661.836999999995
3.706	5,494.3535	5,494.3535
4.706	11,094.229000000001	11,095.143000000002
5.706	11,248.572	11,248.572
6.706	5,801.8027	5,801.8027
7.707	5,753.8145	5,753.8145
8.706	6,362.362000000001	6,362.362000000001
9.706	5,805.195000000001	5,805.195000000001
10.706	5,621.2427	5,622.2446
11.706	5,393.606400000001	5,392.6074
12.706	6,116.466	6,116.466
13.707	630.4348	630.4348
14.706	413.17365	413.17365
15.706	408.40842	408.40842
16.707	404.9216999999993	404.9216999999993
17.706	457.32254	457.32254
18.706	257.51505	257.51505
19.706	437.62573	437.62573
20.706	719.24603	719.24603
21.706	784.10205	784.10205
22.706	879.75336	879.75336
23.707	903.9039300000001	903.9039300000001
24.707	914.9149	914.9149

time	appRxFrameRate	appTxFrameRate
25.706	908.4821	908.4821
26.706	708.1081	708.1081
27.370	0	0

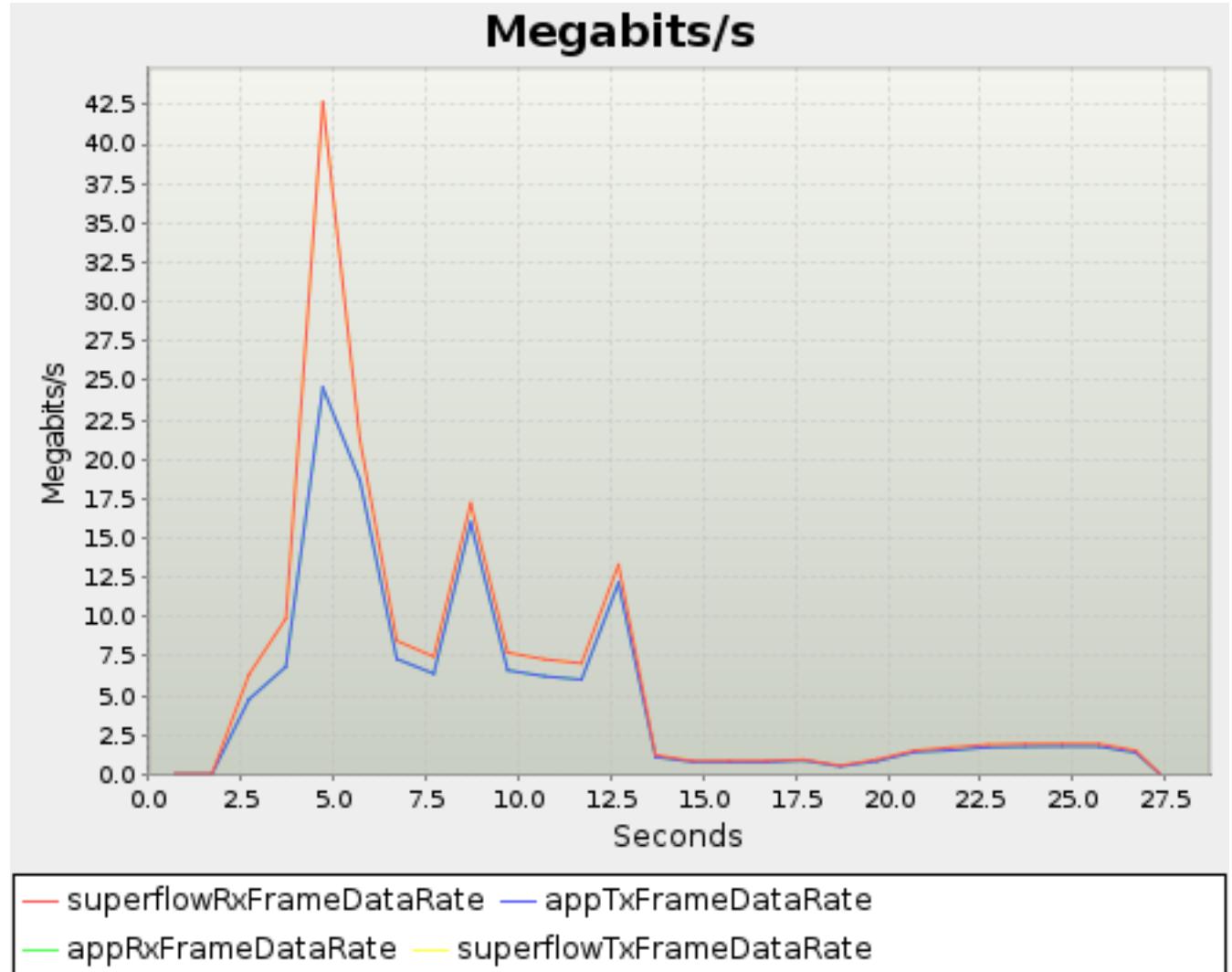
6.3.1.5. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	15	0
1.707	0	15	0
2.707	0	1,020	978
3.706	0	1,925	1,861
4.706	0	3,021	2,968
5.706	0	4,020	3,971
6.706	0	5,042	4,993
7.707	0	6,026	5,979
8.706	0	7,025	6,971
9.706	0	8,025	7,986
10.706	0	9,023	8,976
11.706	0	10,024	9,977
12.706	0	11,001	10,949
13.707	0	11,001	10,988
14.706	0	11,001	10,988
15.706	0	11,001	10,988
16.707	0	11,001	10,988
17.706	0	11,001	10,988
18.706	0	11,001	10,988
19.706	0	11,001	10,992
20.706	0	11,001	10,992
21.706	0	11,001	10,992
22.706	0	11,001	10,992
23.707	0	11,001	10,992
24.707	0	11,001	10,992

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	11,001	10,992
26.706	0	11,001	10,992
27.370	0	11,001	10,992

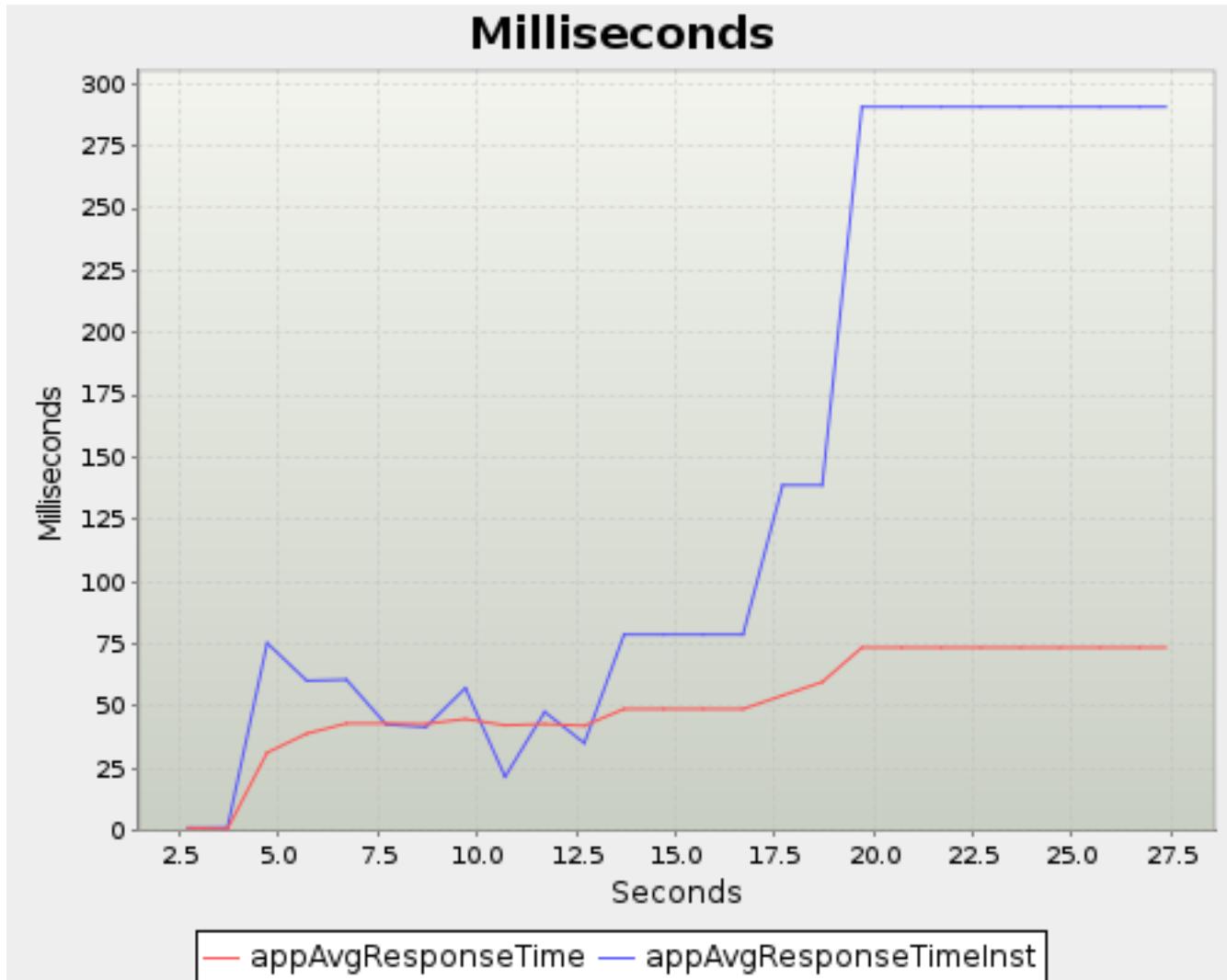
6.3.1.6. Megabits/s



time	appRxFrameDataRate	appTxFrameDataRate	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0.04381	0.04381	0.06324620000000002	0.06324620000000002
1.707	0.04381	0.04381	0.06324620000000002	0.06324620000000002
2.707	4.775	4.775	6.3506703	6.3506703
3.706	6.85	6.85	9.905370999999999	9.905370999999999
4.706	24.54	24.55	42.66281500000001	42.674186999999996
5.706	18.7	18.7	21.285928999999996	21.285928999999996
6.706	7.337	7.337	8.485822	8.485822
7.707	6.406	6.406	7.489447600000001	7.489447600000001
8.706	16	16	17.216255000000004	17.216255000000004
9.706	6.62	6.62	7.741816	7.741816
10.706	6.237	6.238	7.312817599999999	7.312817599999999
11.706	6.029	6.028	7.063001	7.063001
12.706	12.16	12.16	13.321059	13.321059
13.707	1.119	1.119	1.248961599999997	1.248961599999997
14.706	0.8067	0.8067	0.8713307	0.8713307
15.706	0.7973	0.7973	0.874816	0.874816
16.707	0.7897	0.7897	0.8770649	0.8770649
17.706	0.8983	0.8983	0.95391273	0.95391273
18.706	0.5232	0.5232	0.5769779700000001	0.5769779700000001
19.706	0.8555	0.8555	0.9672674499999999	0.9672674499999999
20.706	1.427	1.427	1.5307409	1.5307409
21.706	1.537	1.537	1.7286091	1.7286091
22.706	1.731	1.731	1.9100495999999998	1.9100495999999998

time	appRxFrameDataRate	appTxFrameDataRate	superflowRxFrameDataRate	superflowTxFrameDataRate
23.707	1.775	1.775	1.9525044999999999	1.9525044999999999
24.707	1.79	1.79	1.9601915999999997	1.9601915999999997
25.706	1.782	1.782	1.9523118	1.9523118
26.706	1.389	1.389	1.5286131	1.5286131
27.370	0	0	0	0

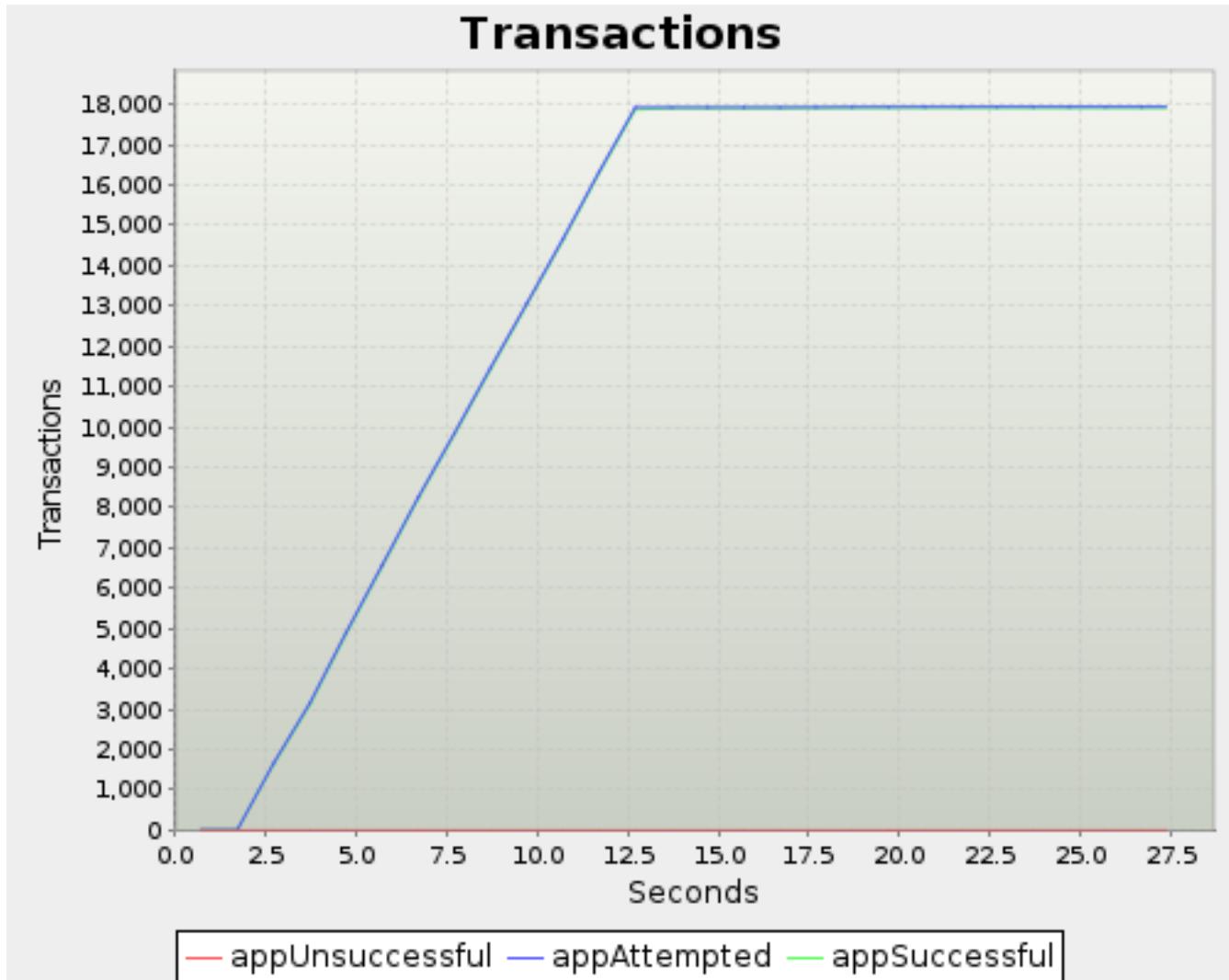
6.3.1.7. Milliseconds



time	appAvgResponseTime	appAvgResponseTimeInst
0.707		
1.707		
2.707	1.030379746835443	1.030379746835443
3.706	0.6062176165803109	1.156498673740053
4.706	31.261832061068702	75.25092936802974
5.706	38.8752107925801	60.147121535181235
6.706	42.971715328467155	60.56867469879518
7.707	42.97855227882037	42.56572769953052
8.706	42.75818723122726	41.49878934624697
9.706	44.736099106885625	57.183807439824946
10.706	42.23573264781491	21.52358490566038
11.706	42.73839662447257	47.59317585301837
12.706	42.065124250214225	35.07692307692308
13.707	48.7898319506488	78.68883610451306
14.706	48.7898319506488	78.68883610451306
15.706	48.7898319506488	78.68883610451306
16.707	48.7898319506488	78.68883610451306
17.706	54.20391239634276	138.74231678486998
18.706	59.61339001062699	138.74231678486998
19.706	73.4644298152474	290.75175644028104
20.706	73.4644298152474	290.75175644028104
21.706	73.4644298152474	290.75175644028104
22.706	73.4644298152474	290.75175644028104
23.707	73.4644298152474	290.75175644028104
24.707	73.4644298152474	290.75175644028104

time	appAvgResponseTime	appAvgResponseTimeInst
25.706	73.4644298152474	290.75175644028104
26.706	73.4644298152474	290.75175644028104
27.370	73.4644298152474	290.75175644028104

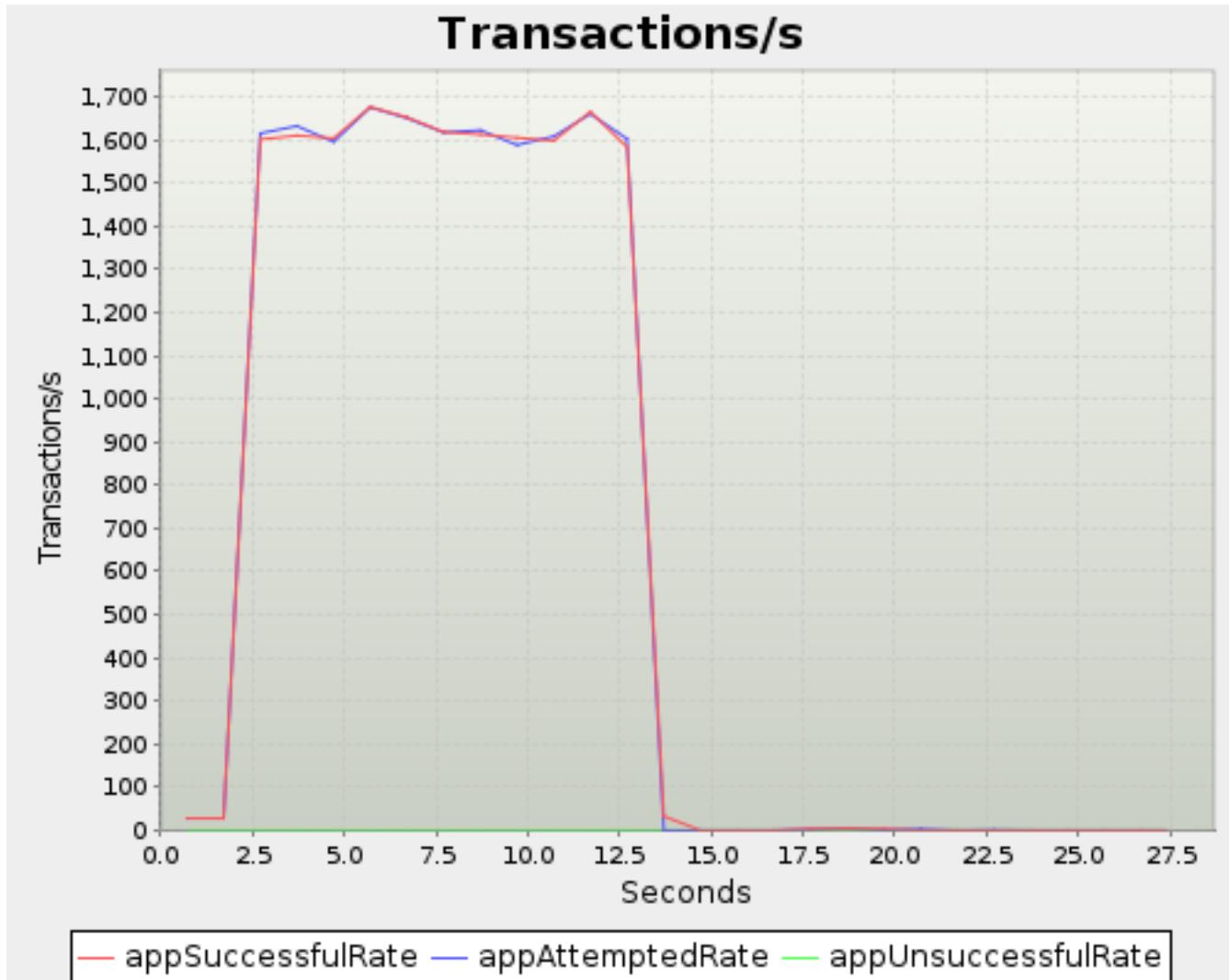
6.3.1.8. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
0.707	18	18	0
1.707	18	18	0
2.707	1,664	1,641	0
3.706	3,149	3,106	0
4.706	4,897	4,863	0
5.706	6,574	6,538	0
6.706	8,261	8,227	0
7.707	9,851	9,818	0
8.706	11,472	11,429	0
9.706	13,062	13,036	0
10.706	14,667	14,631	0
11.706	16,329	16,298	0
12.706	17,925	17,875	0
13.707	17,925	17,908	0
14.706	17,925	17,908	0
15.706	17,925	17,908	0
16.707	17,925	17,908	0
17.706	17,928	17,912	0
18.706	17,933	17,916	0
19.706	17,934	17,920	0
20.706	17,937	17,920	0
21.706	17,937	17,920	0
22.706	17,938	17,920	0
23.707	17,938	17,920	0
24.707	17,938	17,920	0

time	appAttempted	appSuccessful	appUnsuccessful
25.706	17,938	17,920	0
26.706	17,938	17,920	0
27.370	17,938	17,920	0

6.3.1.9. Transactions/s

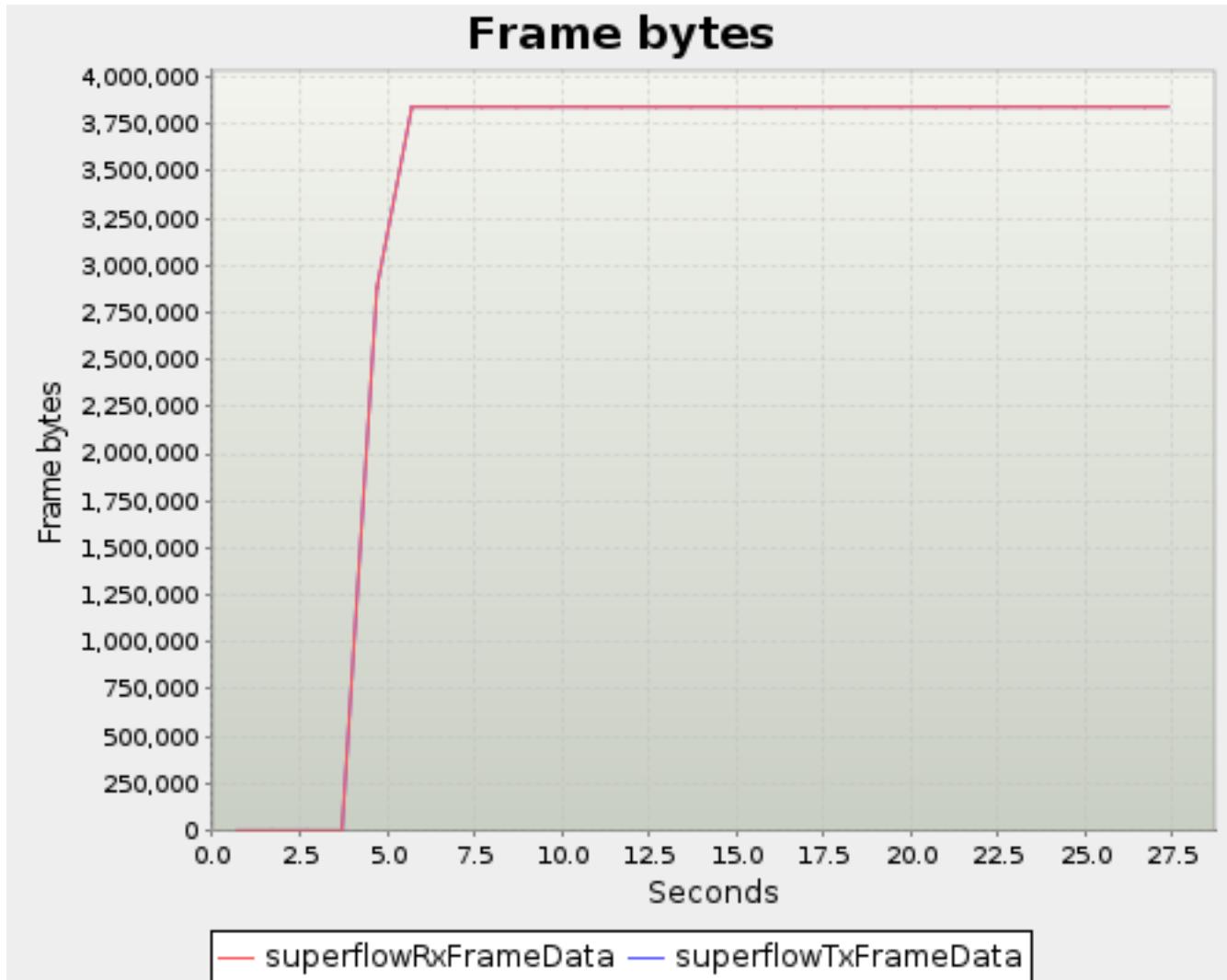


time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
0.707	27.82	27.82	0
1.707	27.82	27.82	0
2.707	1,615	1,601	0
3.706	1,632	1,610	0
4.706	1,596	1,604	0
5.706	1,676	1,677	0
6.706	1,651	1,653	0
7.707	1,617	1,619	0
8.706	1,623	1,613	0
9.706	1,588	1,605	0
10.706	1,608	1,598	0
11.706	1,660	1,665	0
12.706	1,602	1,583	0
13.707	0	32.61	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	2.695	3.594	0
18.706	5.01	4.008	0
19.706	1.006	4.024	0
20.706	2.976	0	0
21.706	0	0	0
22.706	1.028	0	0
23.707	0	0	0
24.707	0	0	0

time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
25.706	0	0	0
26.706	0	0	0
27.370	0	0	0

6.3.2. [protocol=BreakingPoint Citrix]

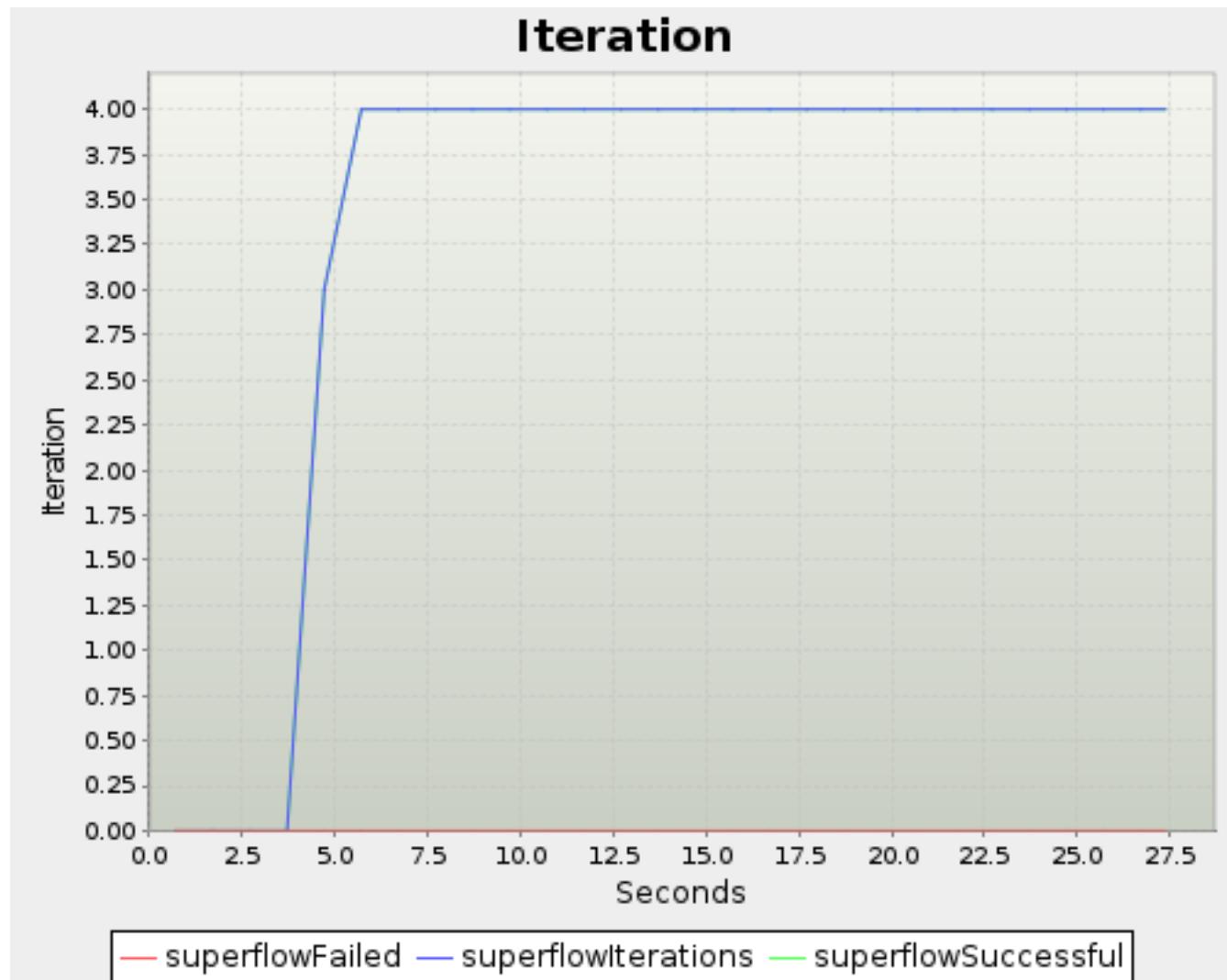
6.3.2.1. Frame bytes



time	superflowRxFrameData	superflowTxFrameData
0.707	0	0
1.707	0	0
2.707	0	0
3.706	0	0
4.706	2,881,659	2,881,659
5.706	3,842,212	3,842,212
6.706	3,842,212	3,842,212
7.707	3,842,212	3,842,212
8.706	3,842,212	3,842,212
9.706	3,842,212	3,842,212
10.706	3,842,212	3,842,212
11.706	3,842,212	3,842,212
12.706	3,842,212	3,842,212
13.707	3,842,212	3,842,212
14.706	3,842,212	3,842,212
15.706	3,842,212	3,842,212
16.707	3,842,212	3,842,212
17.706	3,842,212	3,842,212
18.706	3,842,212	3,842,212
19.706	3,842,212	3,842,212
20.706	3,842,212	3,842,212
21.706	3,842,212	3,842,212
22.706	3,842,212	3,842,212
23.707	3,842,212	3,842,212
24.707	3,842,212	3,842,212

time	superflowRxFrameData	superflowTxFrameData
25.706	3,842,212	3,842,212
26.706	3,842,212	3,842,212
27.370	3,842,212	3,842,212

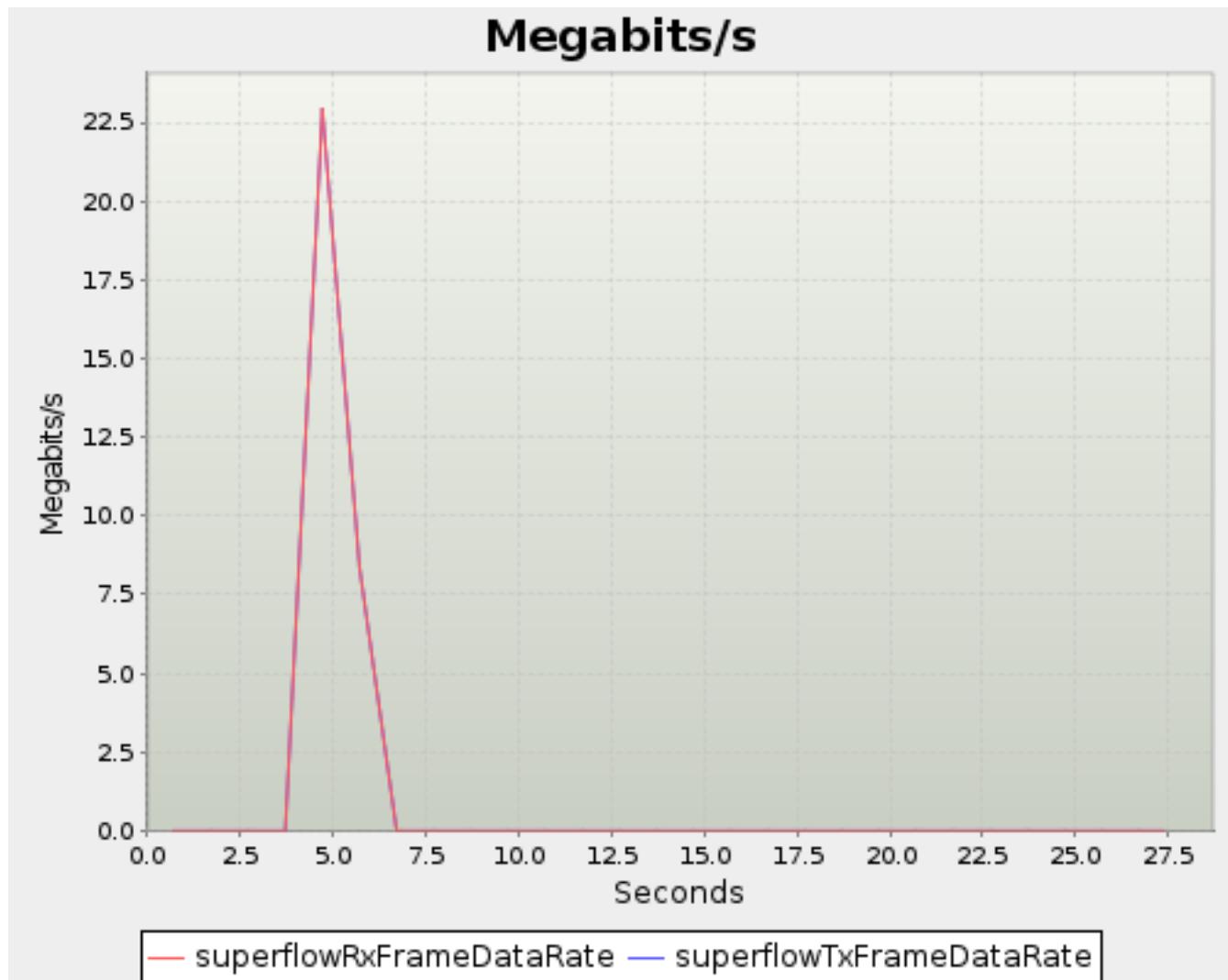
6.3.2.2. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	0	0
1.707	0	0	0
2.707	0	0	0
3.706	0	0	0
4.706	0	3	3
5.706	0	4	4
6.706	0	4	4
7.707	0	4	4
8.706	0	4	4
9.706	0	4	4
10.706	0	4	4
11.706	0	4	4
12.706	0	4	4
13.707	0	4	4
14.706	0	4	4
15.706	0	4	4
16.707	0	4	4
17.706	0	4	4
18.706	0	4	4
19.706	0	4	4
20.706	0	4	4
21.706	0	4	4
22.706	0	4	4
23.707	0	4	4
24.707	0	4	4

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	4	4
26.706	0	4	4
27.370	0	4	4

6.3.2.3. Megabits/s

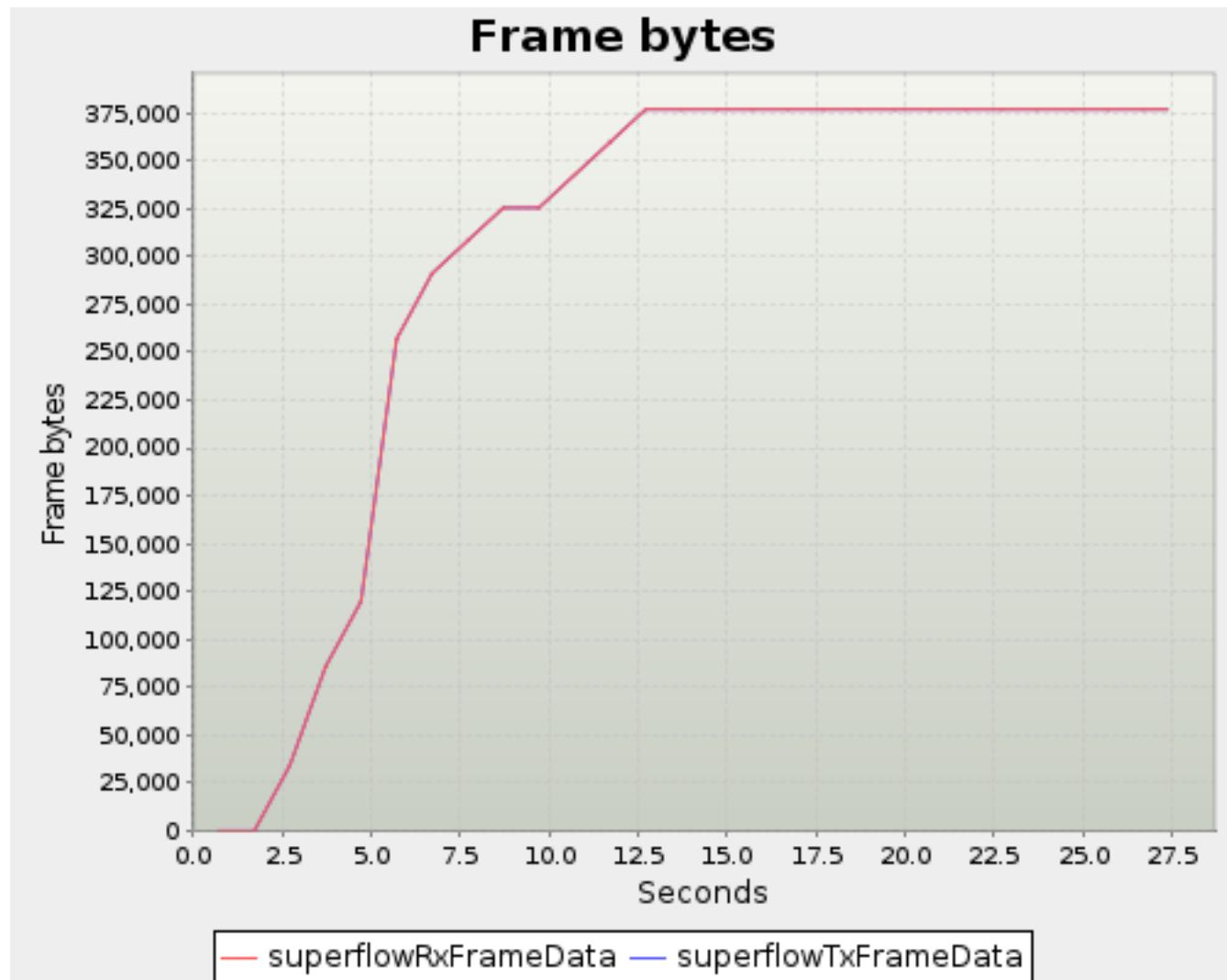


time	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	0	0
3.706	0	0
4.706	22.91502999999999	22.91502999999999
5.706	8.371624	8.371624
6.706	0	0
7.707	0	0
8.706	0	0
9.706	0	0
10.706	0	0
11.706	0	0
12.706	0	0
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	superflowRxFrameDataRate	superflowTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

6.3.3. [protocol=BreakingPoint FTP]

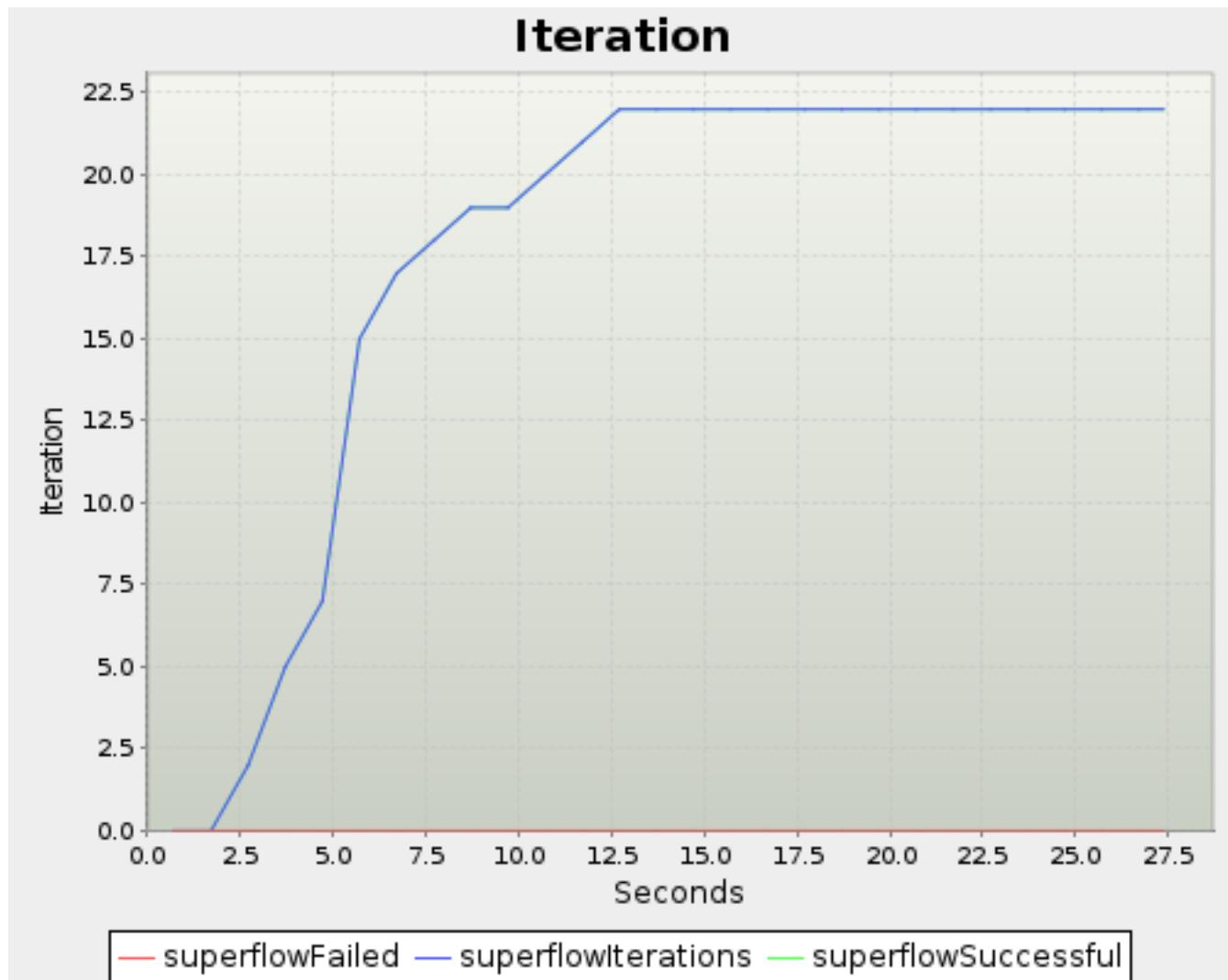
6.3.3.1. Frame bytes



time	superflowRxFrameData	superflowTxFrameData
0.707	0	0
1.707	0	0
2.707	34,251	34,251
3.706	85,608	85,608
4.706	119,896	119,896
5.706	256,977	256,977
6.706	291,266	291,266
7.707	308,372	308,372
8.706	325,479	325,479
9.706	325,479	325,479
10.706	342,623	342,623
11.706	359,766	359,766
12.706	376,911	376,911
13.707	376,911	376,911
14.706	376,911	376,911
15.706	376,911	376,911
16.707	376,911	376,911
17.706	376,911	376,911
18.706	376,911	376,911
19.706	376,911	376,911
20.706	376,911	376,911
21.706	376,911	376,911
22.706	376,911	376,911
23.707	376,911	376,911
24.707	376,911	376,911

time	superflowRxFrameData	superflowTxFrameData
25.706	376,911	376,911
26.706	376,911	376,911
27.370	376,911	376,911

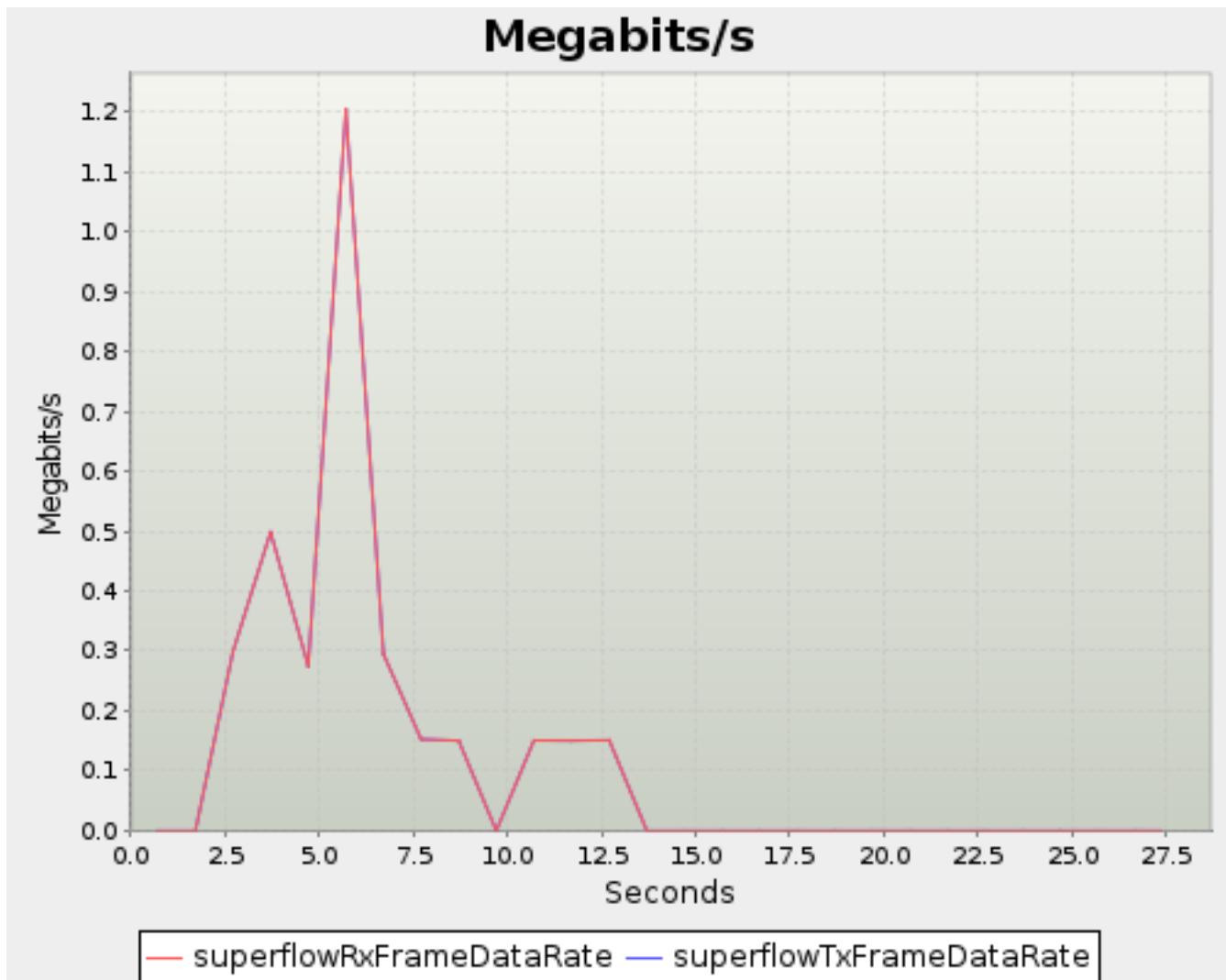
6.3.3.2. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	0	0
1.707	0	0	0
2.707	0	2	2
3.706	0	5	5
4.706	0	7	7
5.706	0	15	15
6.706	0	17	17
7.707	0	18	18
8.706	0	19	19
9.706	0	19	19
10.706	0	20	20
11.706	0	21	21
12.706	0	22	22
13.707	0	22	22
14.706	0	22	22
15.706	0	22	22
16.707	0	22	22
17.706	0	22	22
18.706	0	22	22
19.706	0	22	22
20.706	0	22	22
21.706	0	22	22
22.706	0	22	22
23.707	0	22	22
24.707	0	22	22

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	22	22
26.706	0	22	22
27.370	0	22	22

6.3.3.3. Megabits/s

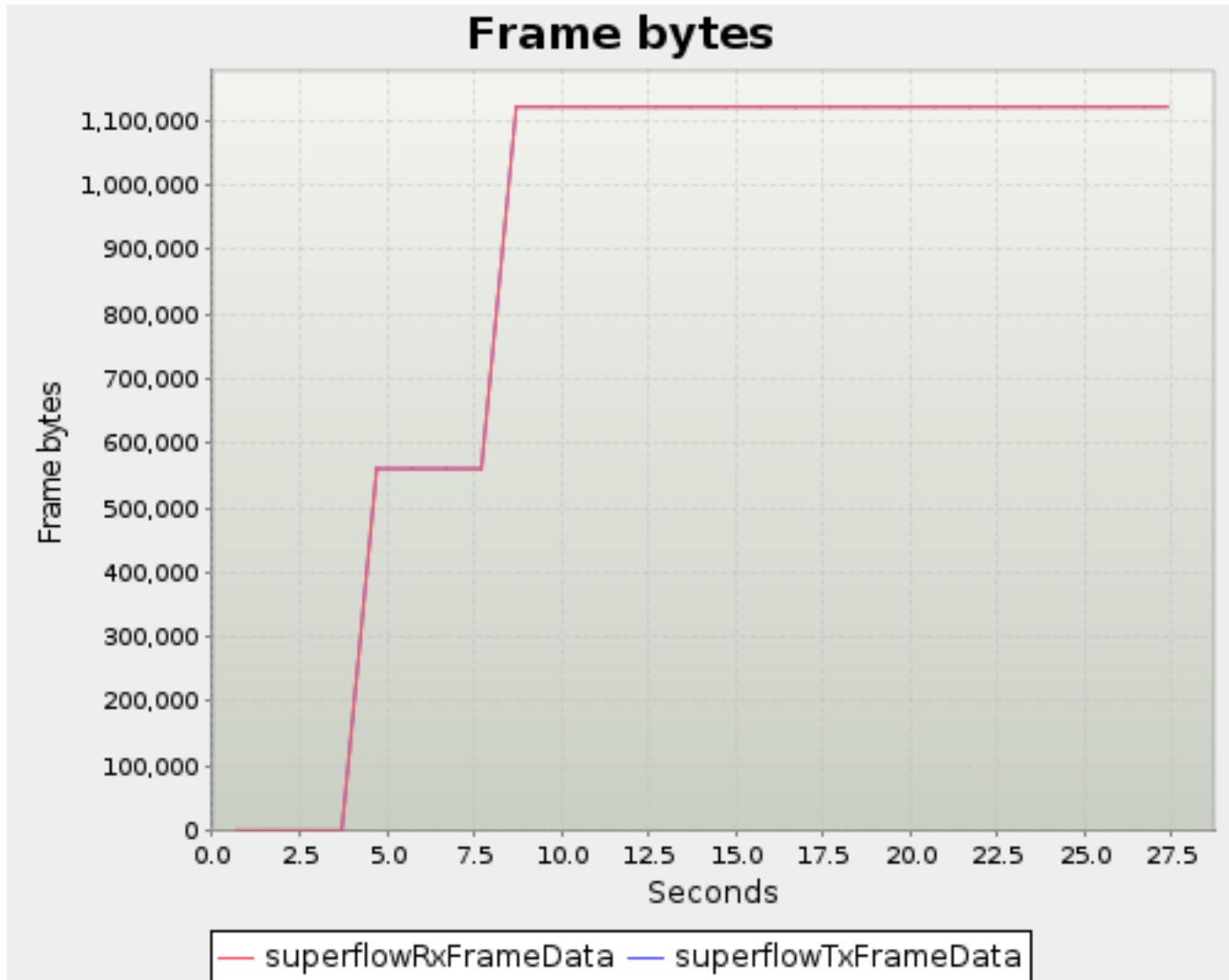


time	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	0.29939103	0.29939103
3.706	0.498537	0.498537
4.706	0.2748029200000001	0.2748029200000001
5.706	1.204168	1.204168
6.706	0.2949970700000001	0.2949970700000001
7.707	0.1527317000000005	0.1527317000000005
8.706	0.15044644000000015	0.15044644000000015
9.706	0	0
10.706	0.15089379000000006	0.15089379000000006
11.706	0.1504335700000004	0.1504335700000004
12.706	0.1512048200000005	0.1512048200000005
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	superflowRxFrameDataRate	superflowTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

6.3.4. [protocol=BreakingPoint HTTP Audio]

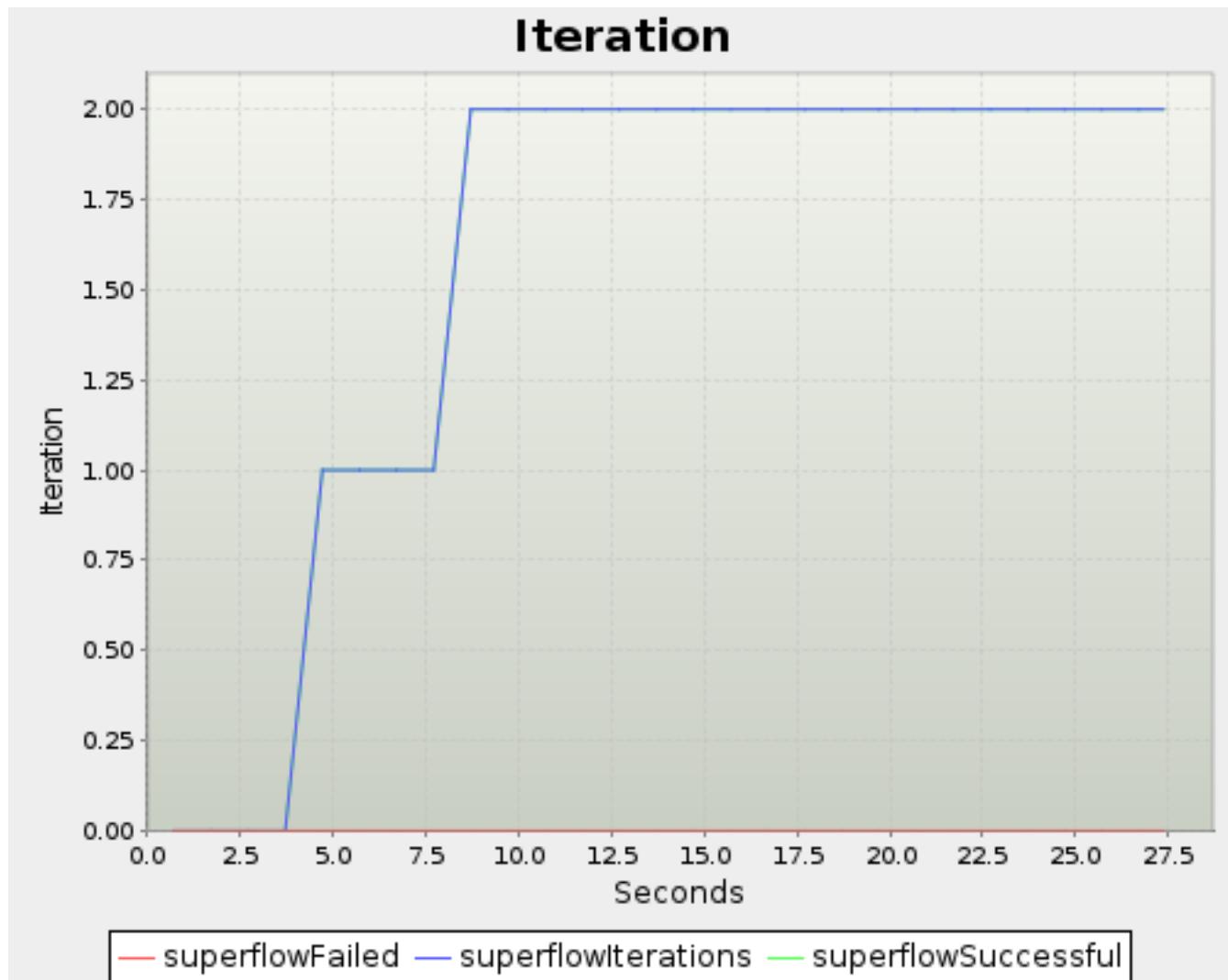
6.3.4.1. Frame bytes



time	superflowRxFrameData	superflowTxFrameData
0.707	0	0
1.707	0	0
2.707	0	0
3.706	0	0
4.706	560,850	560,850
5.706	560,850	560,850
6.706	560,850	560,850
7.707	560,850	560,850
8.706	1,121,790	1,121,790
9.706	1,121,790	1,121,790
10.706	1,121,790	1,121,790
11.706	1,121,790	1,121,790
12.706	1,121,790	1,121,790
13.707	1,121,790	1,121,790
14.706	1,121,790	1,121,790
15.706	1,121,790	1,121,790
16.707	1,121,790	1,121,790
17.706	1,121,790	1,121,790
18.706	1,121,790	1,121,790
19.706	1,121,790	1,121,790
20.706	1,121,790	1,121,790
21.706	1,121,790	1,121,790
22.706	1,121,790	1,121,790
23.707	1,121,790	1,121,790
24.707	1,121,790	1,121,790

time	superflowRxFrameData	superflowTxFrameData
25.706	1,121,790	1,121,790
26.706	1,121,790	1,121,790
27.370	1,121,790	1,121,790

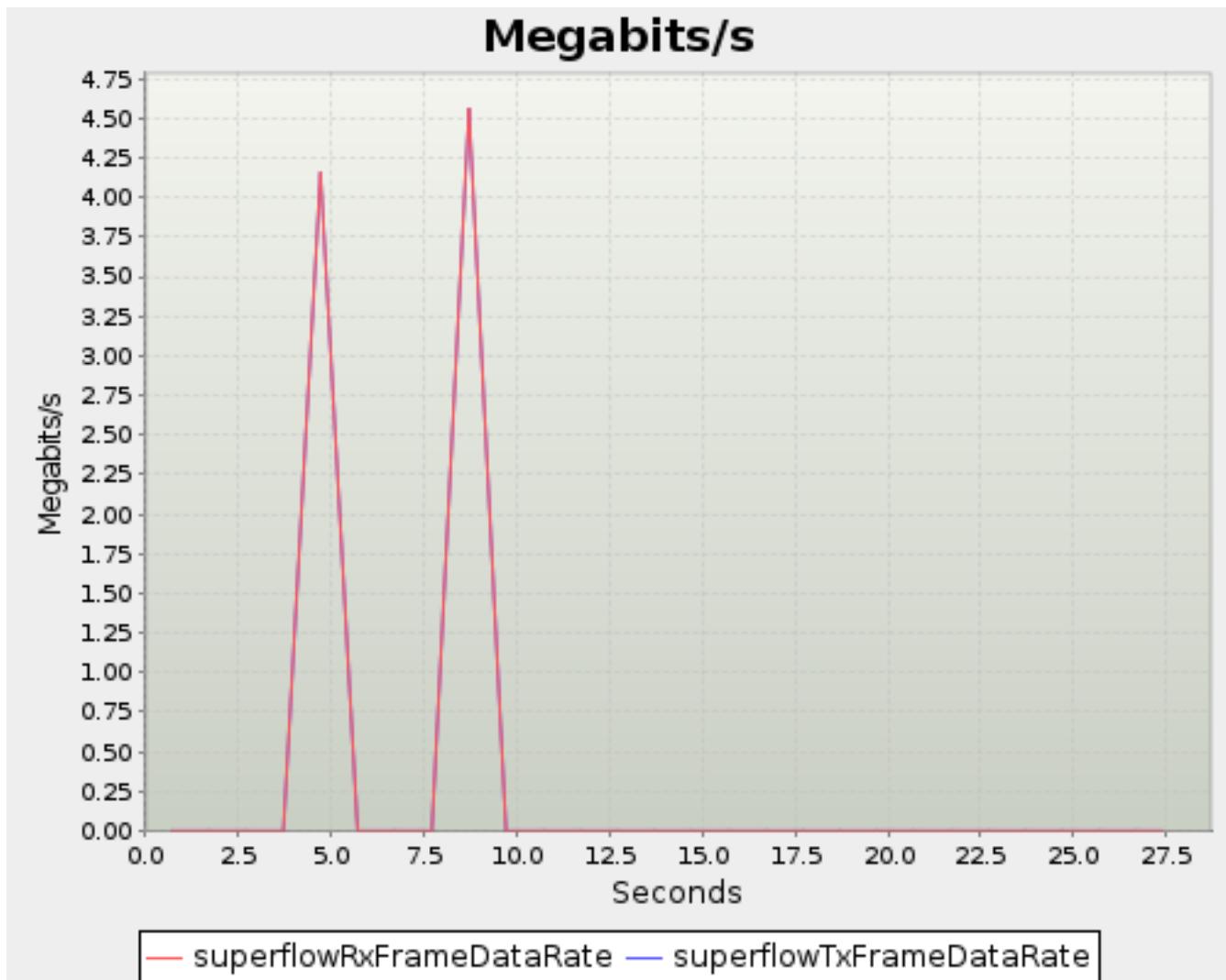
6.3.4.2. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	0	0
1.707	0	0	0
2.707	0	0	0
3.706	0	0	0
4.706	0	1	1
5.706	0	1	1
6.706	0	1	1
7.707	0	1	1
8.706	0	2	2
9.706	0	2	2
10.706	0	2	2
11.706	0	2	2
12.706	0	2	2
13.707	0	2	2
14.706	0	2	2
15.706	0	2	2
16.707	0	2	2
17.706	0	2	2
18.706	0	2	2
19.706	0	2	2
20.706	0	2	2
21.706	0	2	2
22.706	0	2	2
23.707	0	2	2
24.707	0	2	2

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	2	2
26.706	0	2	2
27.370	0	2	2

6.3.4.3. Megabits/s

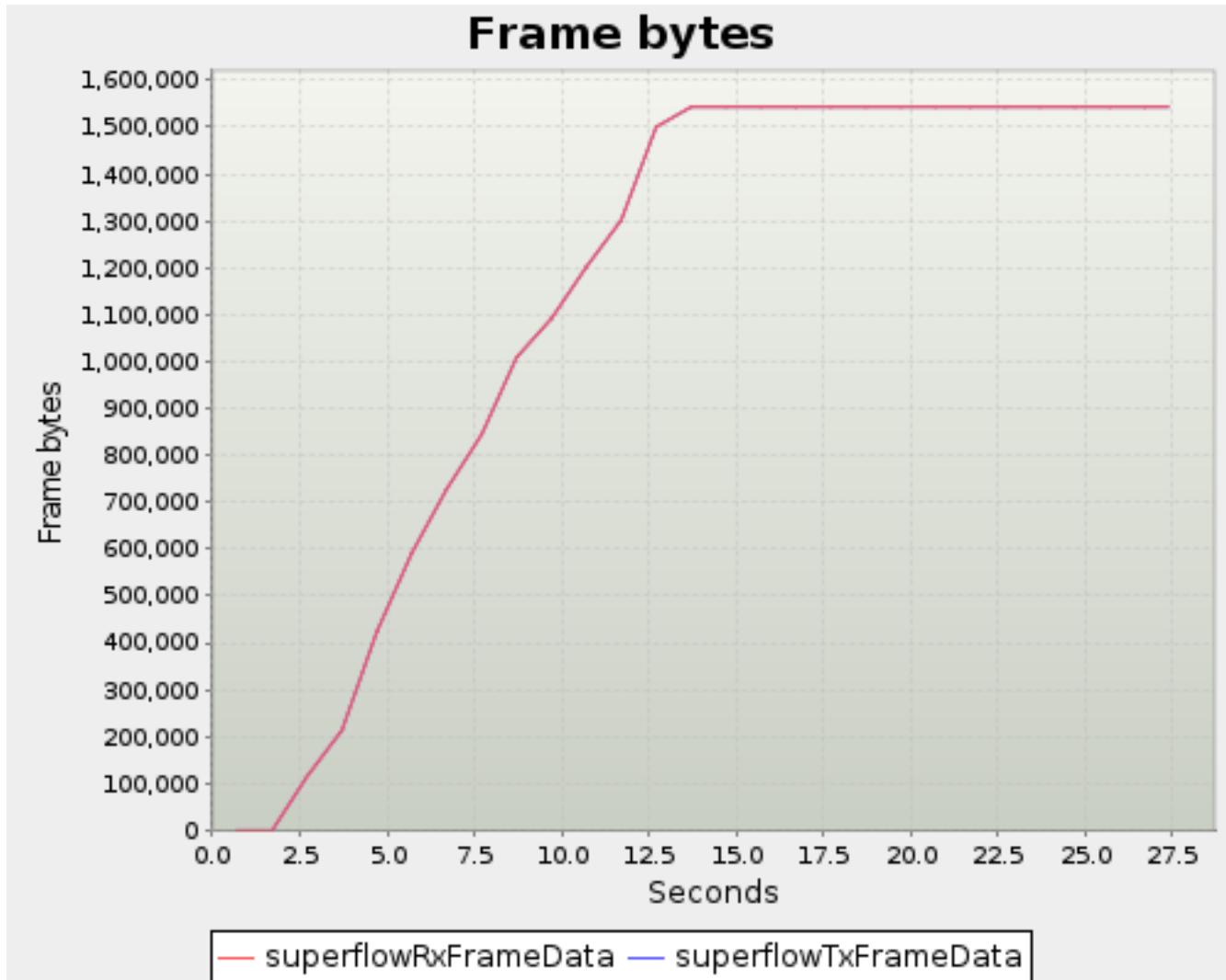


time	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	0	0
3.706	0	0
4.706	4.152189699999997	4.152189699999997
5.706	0	0
6.706	0	0
7.707	0	0
8.706	4.5562363	4.5562363
9.706	0	0
10.706	0	0
11.706	0	0
12.706	0	0
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	superflowRxFrameDataRate	superflowTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

6.3.5. [protocol=BreakingPoint HTTP Text]

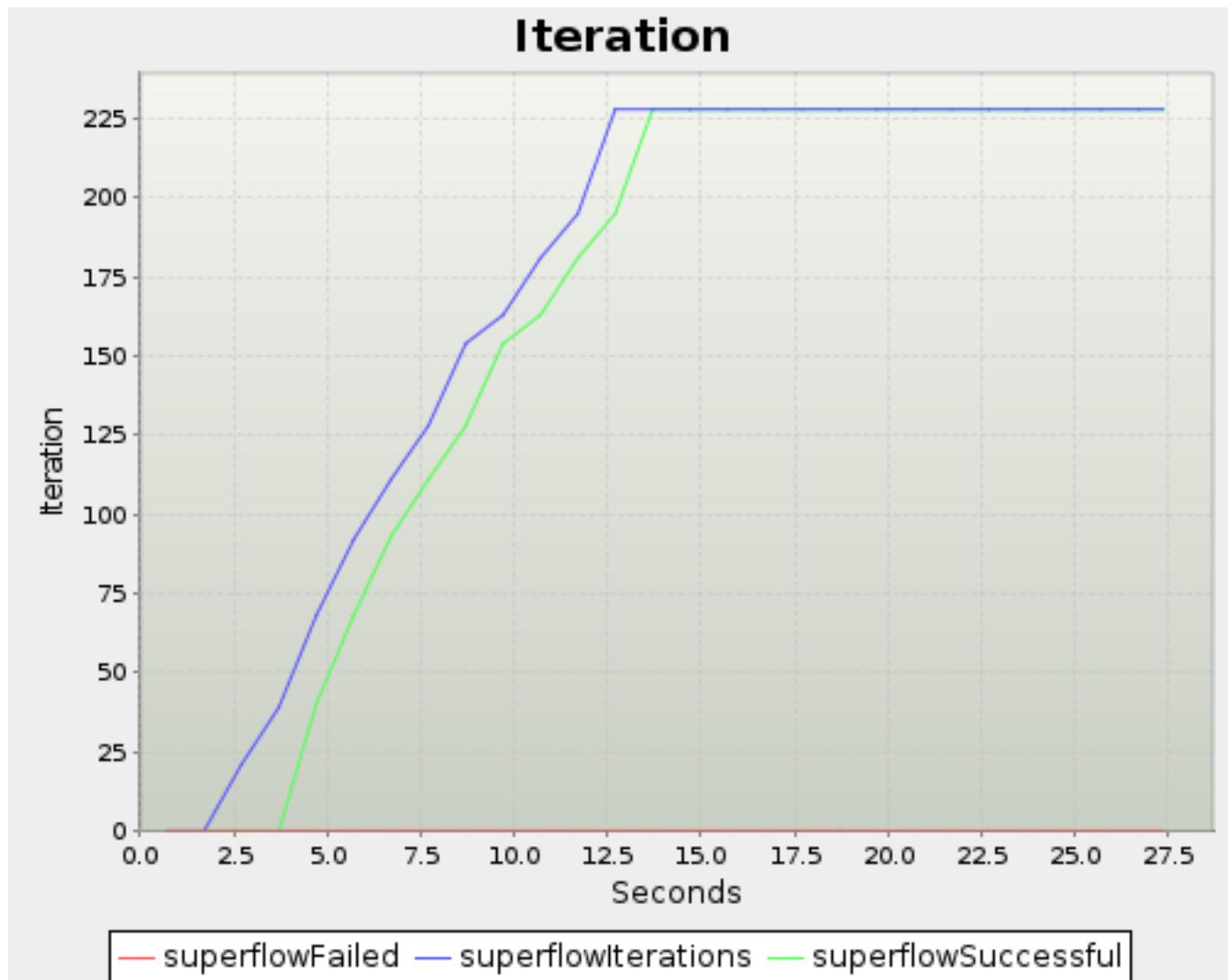
6.3.5.1. Frame bytes



time	superflowRxFrameData	superflowTxFrameData
0.707	0	0
1.707	0	0
2.707	115,140	115,140
3.706	213,600	213,600
4.706	424,150	424,150
5.706	591,774	591,774
6.706	728,154	728,154
7.707	844,508	844,508
8.706	1,008,794	1,008,794
9.706	1,091,772	1,091,772
10.706	1,201,914	1,201,914
11.706	1,301,858	1,301,858
12.706	1,500,540	1,500,540
13.707	1,543,374	1,543,374
14.706	1,543,374	1,543,374
15.706	1,543,374	1,543,374
16.707	1,543,374	1,543,374
17.706	1,543,374	1,543,374
18.706	1,543,374	1,543,374
19.706	1,543,374	1,543,374
20.706	1,543,374	1,543,374
21.706	1,543,374	1,543,374
22.706	1,543,374	1,543,374
23.707	1,543,374	1,543,374
24.707	1,543,374	1,543,374

time	superflowRxFrameData	superflowTxFrameData
25.706	1,543,374	1,543,374
26.706	1,543,374	1,543,374
27.370	1,543,374	1,543,374

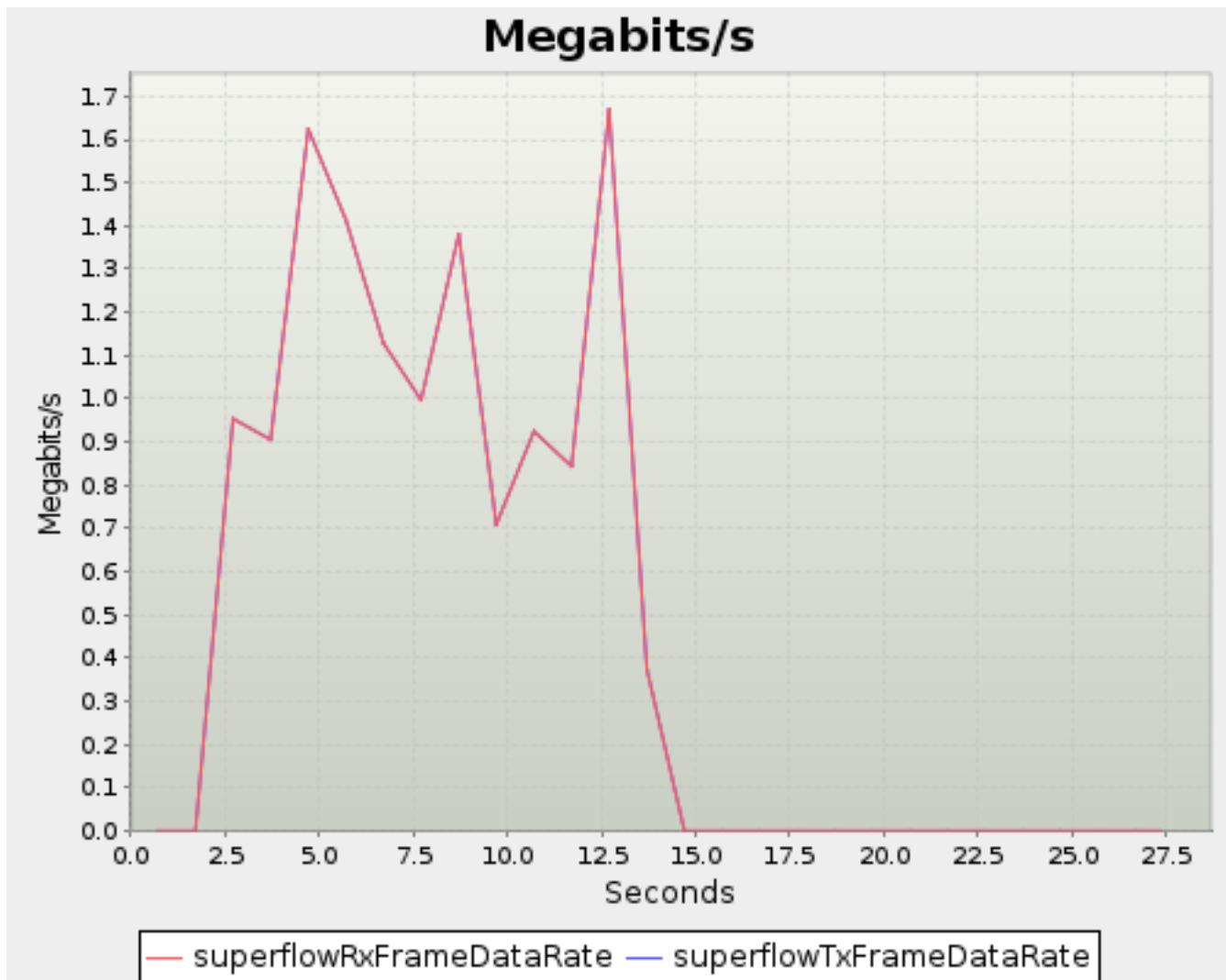
6.3.5.2. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	0	0
1.707	0	0	0
2.707	0	21	0
3.706	0	39	0
4.706	0	68	40
5.706	0	92	68
6.706	0	111	93
7.707	0	128	111
8.706	0	154	128
9.706	0	163	154
10.706	0	181	163
11.706	0	195	181
12.706	0	228	195
13.707	0	228	228
14.706	0	228	228
15.706	0	228	228
16.707	0	228	228
17.706	0	228	228
18.706	0	228	228
19.706	0	228	228
20.706	0	228	228
21.706	0	228	228
22.706	0	228	228
23.707	0	228	228
24.707	0	228	228

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	228	228
26.706	0	228	228
27.370	0	228	228

6.3.5.3. Megabits/s

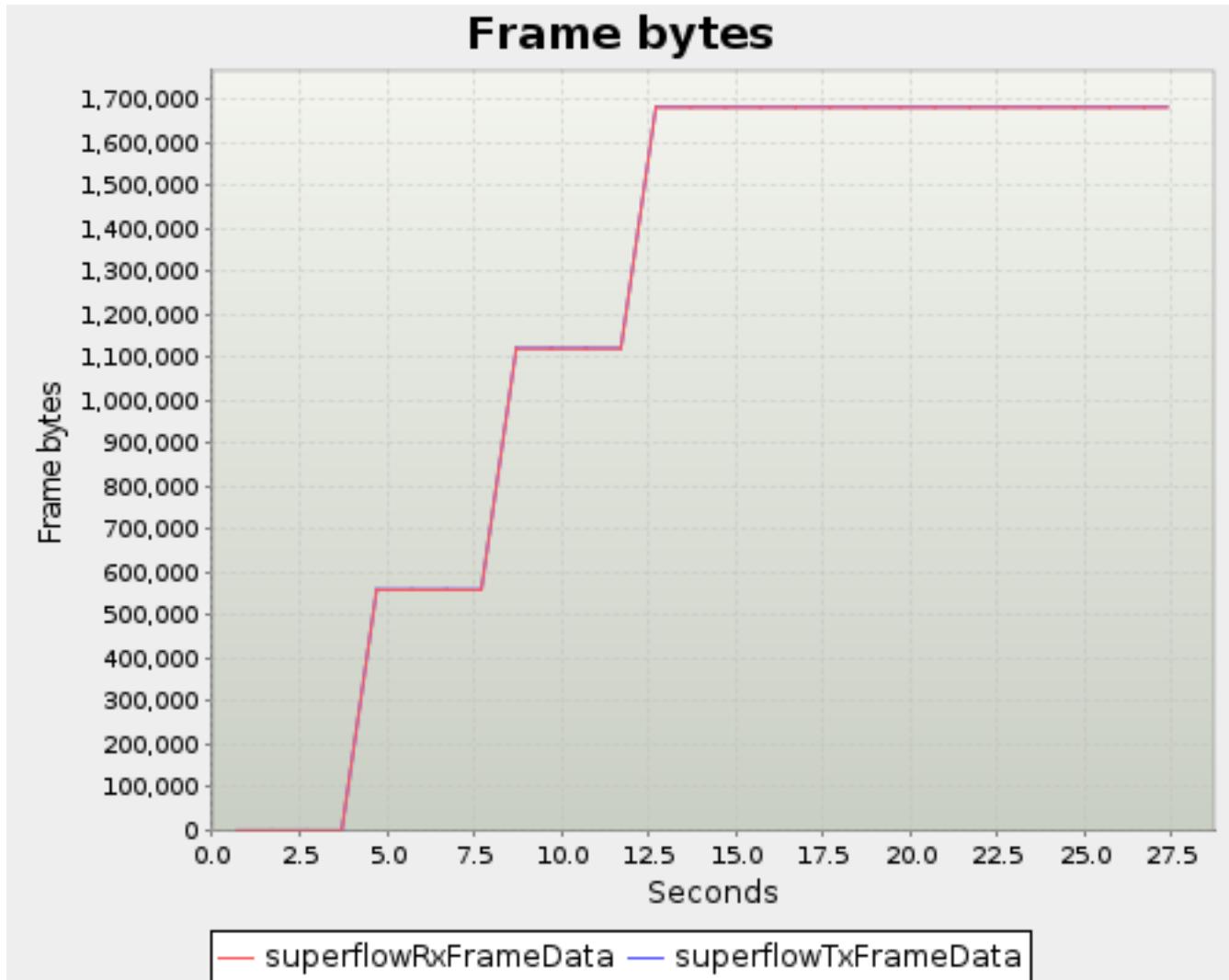


time	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	0.9537910000000004	0.9537910000000004
3.706	0.9053702	0.9053702
4.706	1.6243066	1.6243066
5.706	1.4145919999999996	1.4145919999999996
6.706	1.1287757	1.1287757
7.707	0.9968618	0.9968618
8.706	1.3804685	1.3804685
9.706	0.708784	0.708784
10.706	0.9247455000000002	0.9247455000000002
11.706	0.8435085	0.8435085
12.706	1.6698955	1.6698955
13.707	0.37402168	0.37402168
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	superflowRxFrameDataRate	superflowTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

6.3.6. [protocol=BreakingPoint HTTP Video]

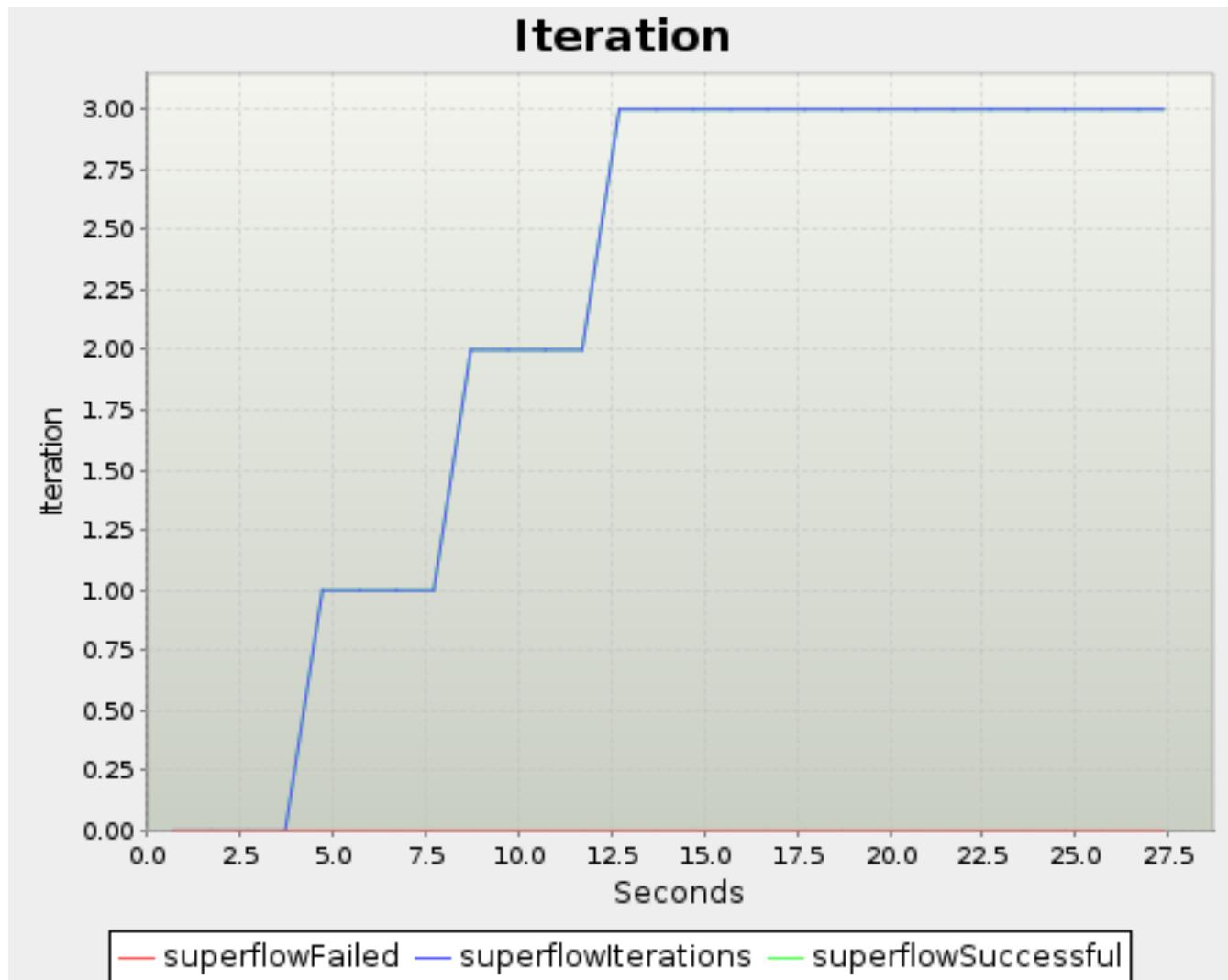
6.3.6.1. Frame bytes



time	superflowRxFrameData	superflowTxFrameData
0.707	0	0
1.707	0	0
2.707	0	0
3.706	0	0
4.706	559,397	560,935
5.706	559,397	560,935
6.706	559,397	560,935
7.707	559,397	560,935
8.706	1,120,242	1,121,780
9.706	1,120,242	1,121,780
10.706	1,120,242	1,121,780
11.706	1,120,242	1,121,780
12.706	1,681,267	1,682,805
13.707	1,681,267	1,682,805
14.706	1,681,267	1,682,805
15.706	1,681,267	1,682,805
16.707	1,681,267	1,682,805
17.706	1,681,267	1,682,805
18.706	1,681,267	1,682,805
19.706	1,681,267	1,682,805
20.706	1,681,267	1,682,805
21.706	1,681,267	1,682,805
22.706	1,681,267	1,682,805
23.707	1,681,267	1,682,805
24.707	1,681,267	1,682,805

time	superflowRxFrameData	superflowTxFrameData
25.706	1,681,267	1,682,805
26.706	1,681,267	1,682,805
27.370	1,681,267	1,682,805

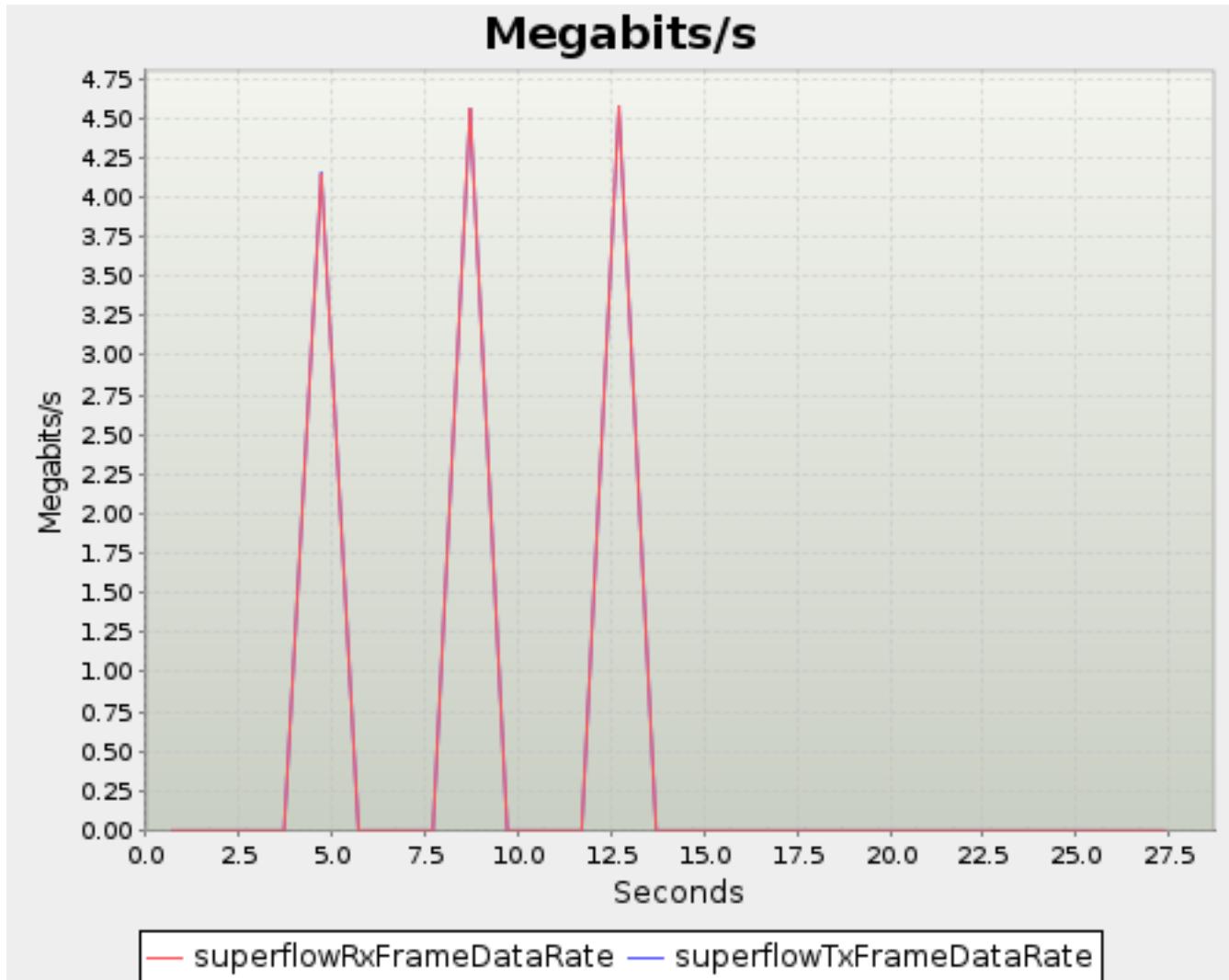
6.3.6.2. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	0	0
1.707	0	0	0
2.707	0	0	0
3.706	0	0	0
4.706	0	1	1
5.706	0	1	1
6.706	0	1	1
7.707	0	1	1
8.706	0	2	2
9.706	0	2	2
10.706	0	2	2
11.706	0	2	2
12.706	0	3	3
13.707	0	3	3
14.706	0	3	3
15.706	0	3	3
16.707	0	3	3
17.706	0	3	3
18.706	0	3	3
19.706	0	3	3
20.706	0	3	3
21.706	0	3	3
22.706	0	3	3
23.707	0	3	3
24.707	0	3	3

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	3	3
26.706	0	3	3
27.370	0	3	3

6.3.6.3. Megabits/s

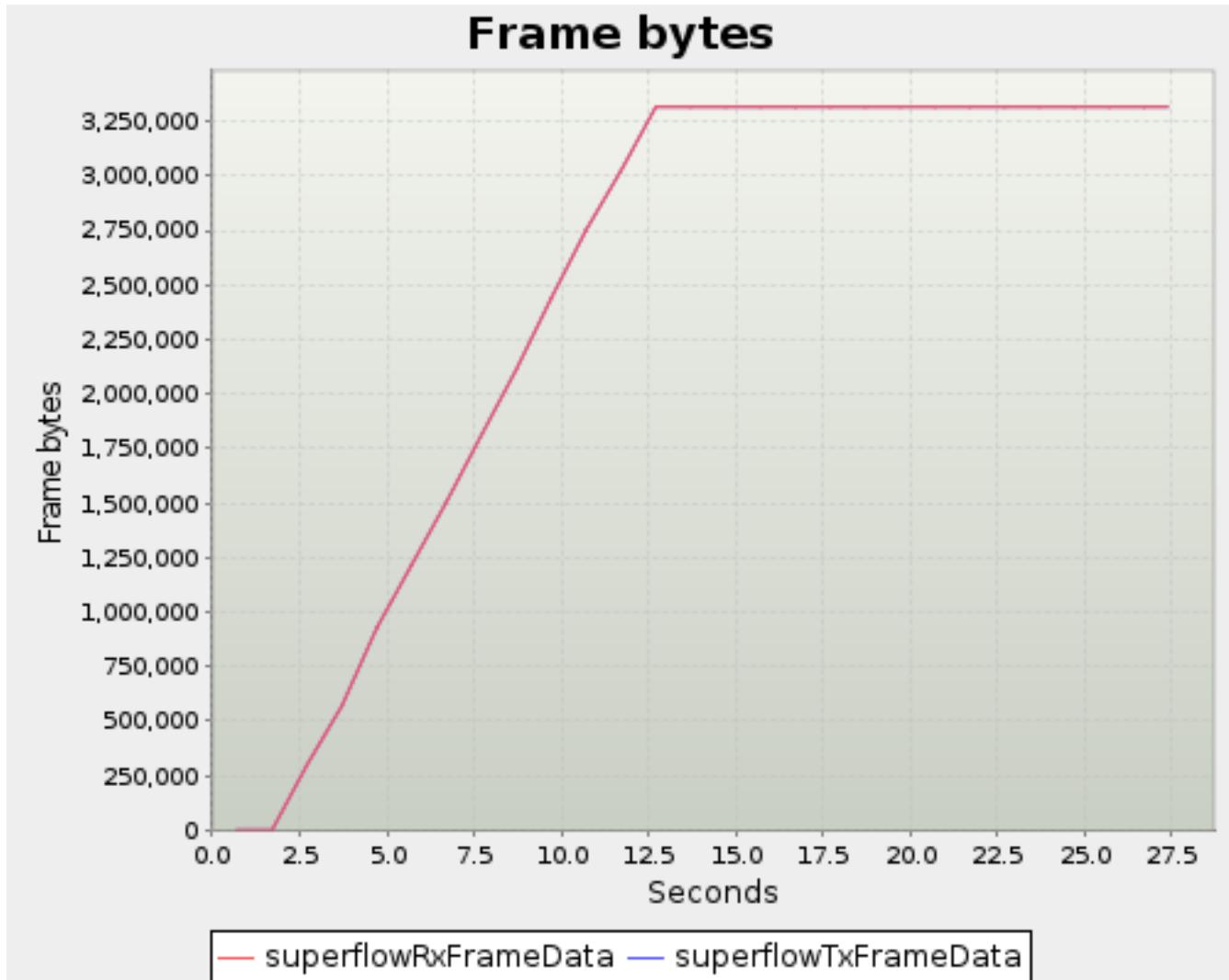


time	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	0	0
3.706	0	0
4.706	4.141583999999998	4.152955999999997
5.706	0	0
6.706	0	0
7.707	0	0
8.706	4.555315499999998	4.555315499999998
9.706	0	0
10.706	0	0
11.706	0	0
12.706	4.5708030000000015	4.5708030000000015
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	superflowRxFrameDataRate	superflowTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

6.3.7. [protocol=BreakingPoint Raw]

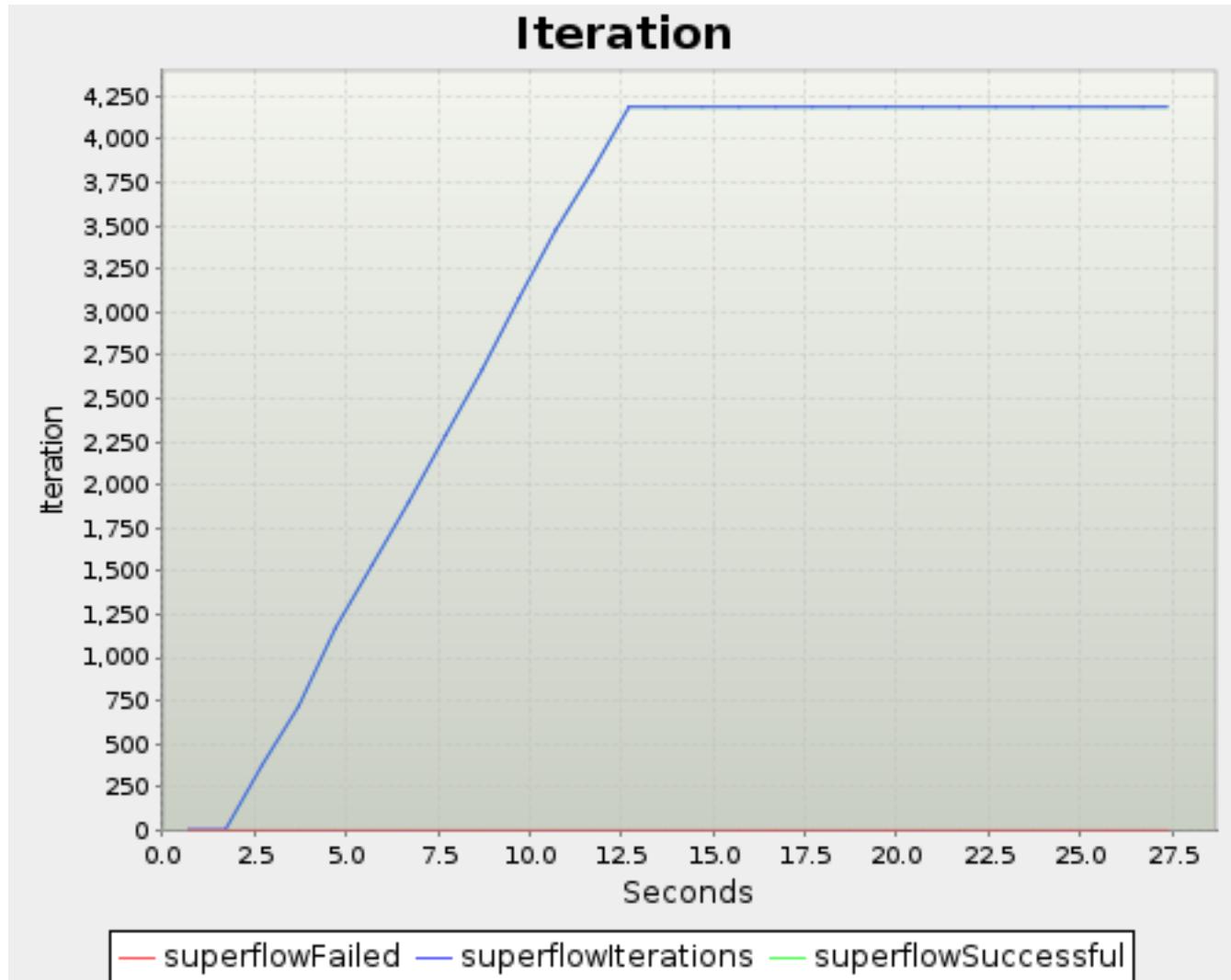
6.3.7.1. Frame bytes



time	superflowRxFrameData	superflowTxFrameData
0.707	1,390	1,390
1.707	1,390	1,390
2.707	299,376	299,376
3.706	569,880	569,880
4.706	927,162	927,162
5.706	1,216,512	1,216,512
6.706	1,505,592	1,505,592
7.707	1,811,304	1,811,304
8.706	2,112,264	2,112,264
9.706	2,438,568	2,438,568
10.706	2,751,408	2,751,408
11.706	3,023,064	3,023,064
12.706	3,316,104	3,316,104
13.707	3,316,104	3,316,104
14.706	3,316,104	3,316,104
15.706	3,316,104	3,316,104
16.707	3,316,104	3,316,104
17.706	3,316,104	3,316,104
18.706	3,316,104	3,316,104
19.706	3,316,104	3,316,104
20.706	3,316,104	3,316,104
21.706	3,316,104	3,316,104
22.706	3,316,104	3,316,104
23.707	3,316,104	3,316,104
24.707	3,316,104	3,316,104

time	superflowRxFrameData	superflowTxFrameData
25.706	3,316,104	3,316,104
26.706	3,316,104	3,316,104
27.370	3,316,104	3,316,104

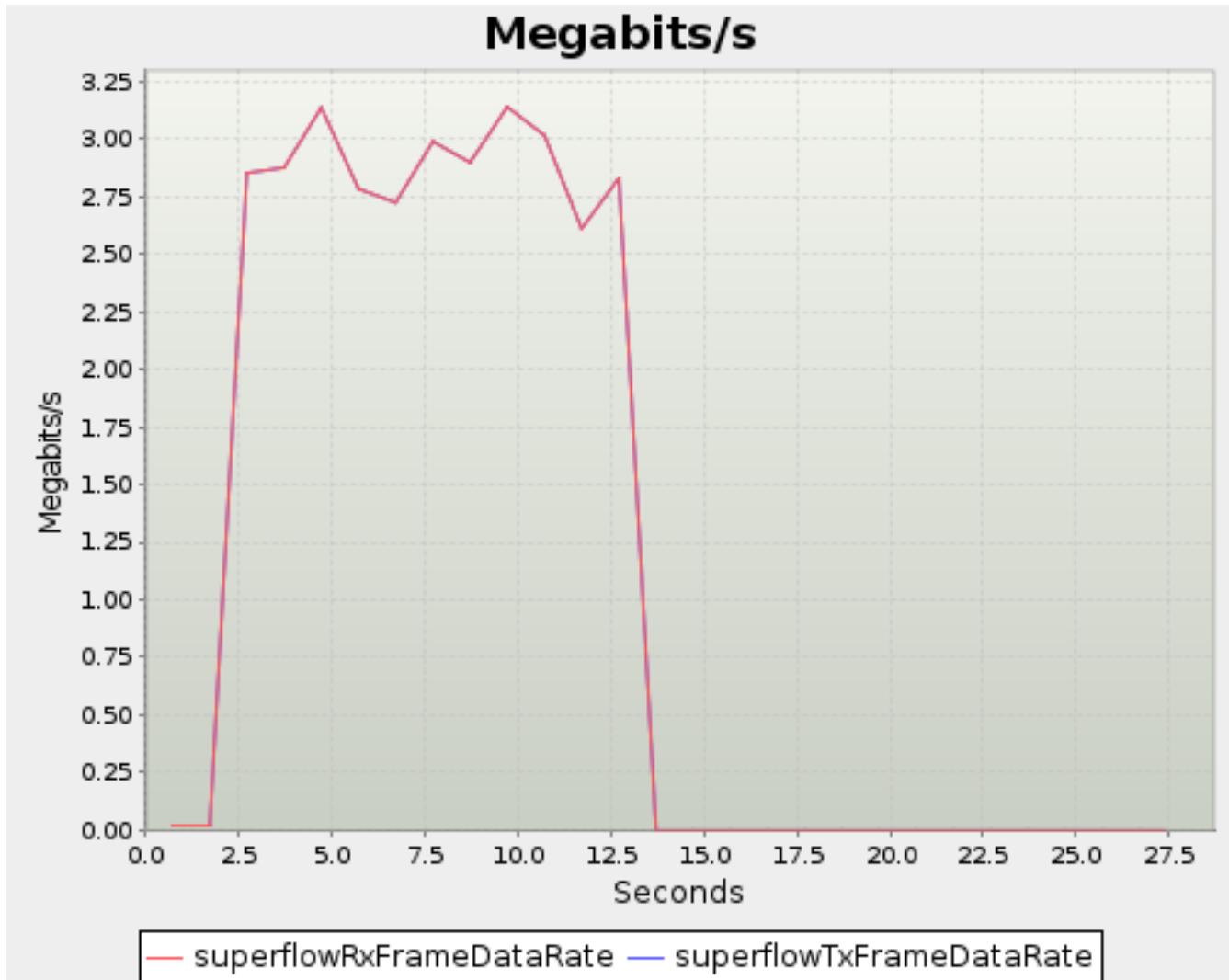
6.3.7.2. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	5	0
1.707	0	5	0
2.707	0	378	378
3.706	0	720	719
4.706	0	1,171	1,170
5.706	0	1,536	1,536
6.706	0	1,901	1,901
7.707	0	2,287	2,287
8.706	0	2,667	2,667
9.706	0	3,079	3,079
10.706	0	3,474	3,474
11.706	0	3,817	3,817
12.706	0	4,187	4,187
13.707	0	4,187	4,187
14.706	0	4,187	4,187
15.706	0	4,187	4,187
16.707	0	4,187	4,187
17.706	0	4,187	4,187
18.706	0	4,187	4,187
19.706	0	4,187	4,187
20.706	0	4,187	4,187
21.706	0	4,187	4,187
22.706	0	4,187	4,187
23.707	0	4,187	4,187
24.707	0	4,187	4,187

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	4,187	4,187
26.706	0	4,187	4,187
27.370	0	4,187	4,187

6.3.7.3. Megabits/s

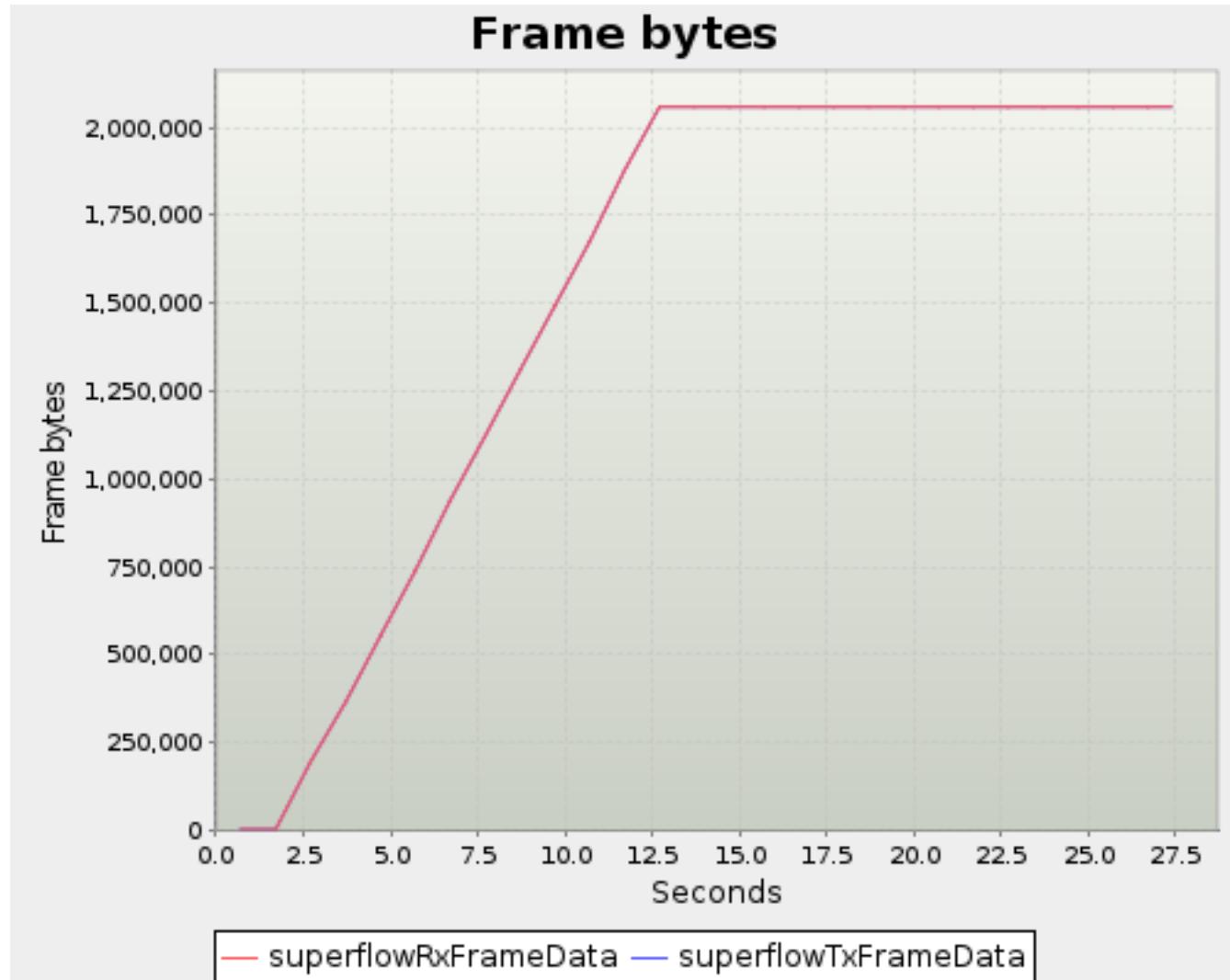


time	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0.020547112	0.020547112
1.707	0.020547112	0.020547112
2.707	2.8510724999999986	2.8510724999999986
3.706	2.874201	2.874201
4.706	3.1347592	3.1347592
5.706	2.78248	2.78248
6.706	2.722664	2.722664
7.707	2.987577200000001	2.987577200000001
8.706	2.8969769999999992	2.8969769999999992
9.706	3.137792	3.137792
10.706	3.0143486999999993	3.0143486999999993
11.706	2.6096782999999997	2.6096782999999997
12.706	2.829237	2.829237
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	superflowRxFrameDataRate	superflowTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

6.3.8. [protocol=BreakingPoint SAP]

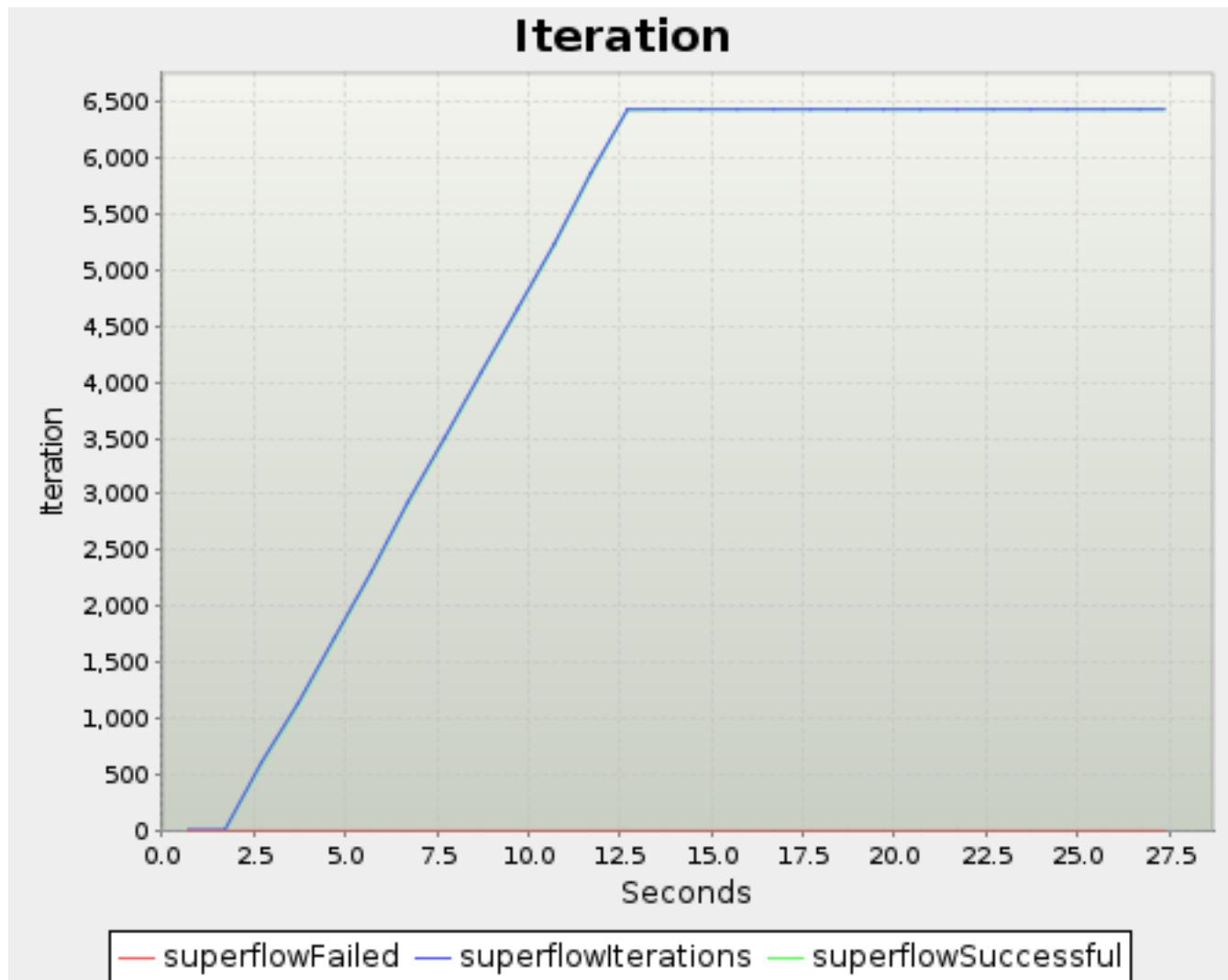
6.3.8.1. Frame bytes



time	superflowRxFrameData	superflowTxFrameData
0.707	3,112	3,112
1.707	3,112	3,112
2.707	195,581	195,581
3.706	364,571	364,571
4.706	553,342	553,342
5.706	739,151	739,151
6.706	939,132	939,132
7.707	1,122,348	1,122,348
8.706	1,309,021	1,309,021
9.706	1,493,072	1,493,072
10.706	1,676,438	1,676,438
11.706	1,879,236	1,879,236
12.706	2,059,278	2,059,278
13.707	2,059,278	2,059,278
14.706	2,059,278	2,059,278
15.706	2,059,278	2,059,278
16.707	2,059,278	2,059,278
17.706	2,059,278	2,059,278
18.706	2,059,278	2,059,278
19.706	2,059,278	2,059,278
20.706	2,059,278	2,059,278
21.706	2,059,278	2,059,278
22.706	2,059,278	2,059,278
23.707	2,059,278	2,059,278
24.707	2,059,278	2,059,278

time	superflowRxFrameData	superflowTxFrameData
25.706	2,059,278	2,059,278
26.706	2,059,278	2,059,278
27.370	2,059,278	2,059,278

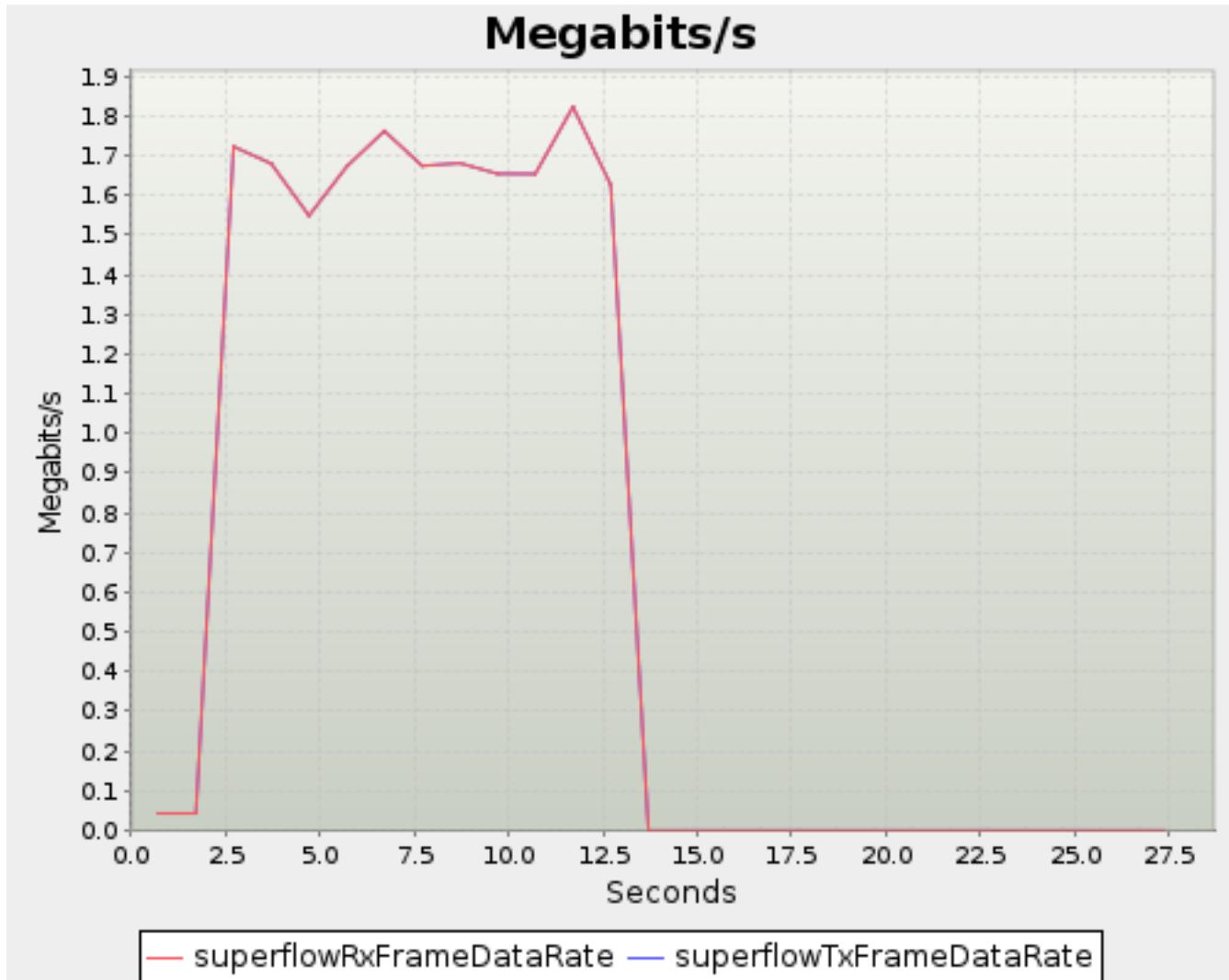
6.3.8.2. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	10	0
1.707	0	10	0
2.707	0	612	593
3.706	0	1,139	1,119
4.706	0	1,726	1,708
5.706	0	2,309	2,293
6.706	0	2,934	2,914
7.707	0	3,504	3,486
8.706	0	4,087	4,072
9.706	0	4,658	4,641
10.706	0	5,234	5,218
11.706	0	5,868	5,848
12.706	0	6,432	6,426
13.707	0	6,432	6,432
14.706	0	6,432	6,432
15.706	0	6,432	6,432
16.707	0	6,432	6,432
17.706	0	6,432	6,432
18.706	0	6,432	6,432
19.706	0	6,432	6,432
20.706	0	6,432	6,432
21.706	0	6,432	6,432
22.706	0	6,432	6,432
23.707	0	6,432	6,432
24.707	0	6,432	6,432

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	6,432	6,432
26.706	0	6,432	6,432
27.370	0	6,432	6,432

6.3.8.3. Megabits/s

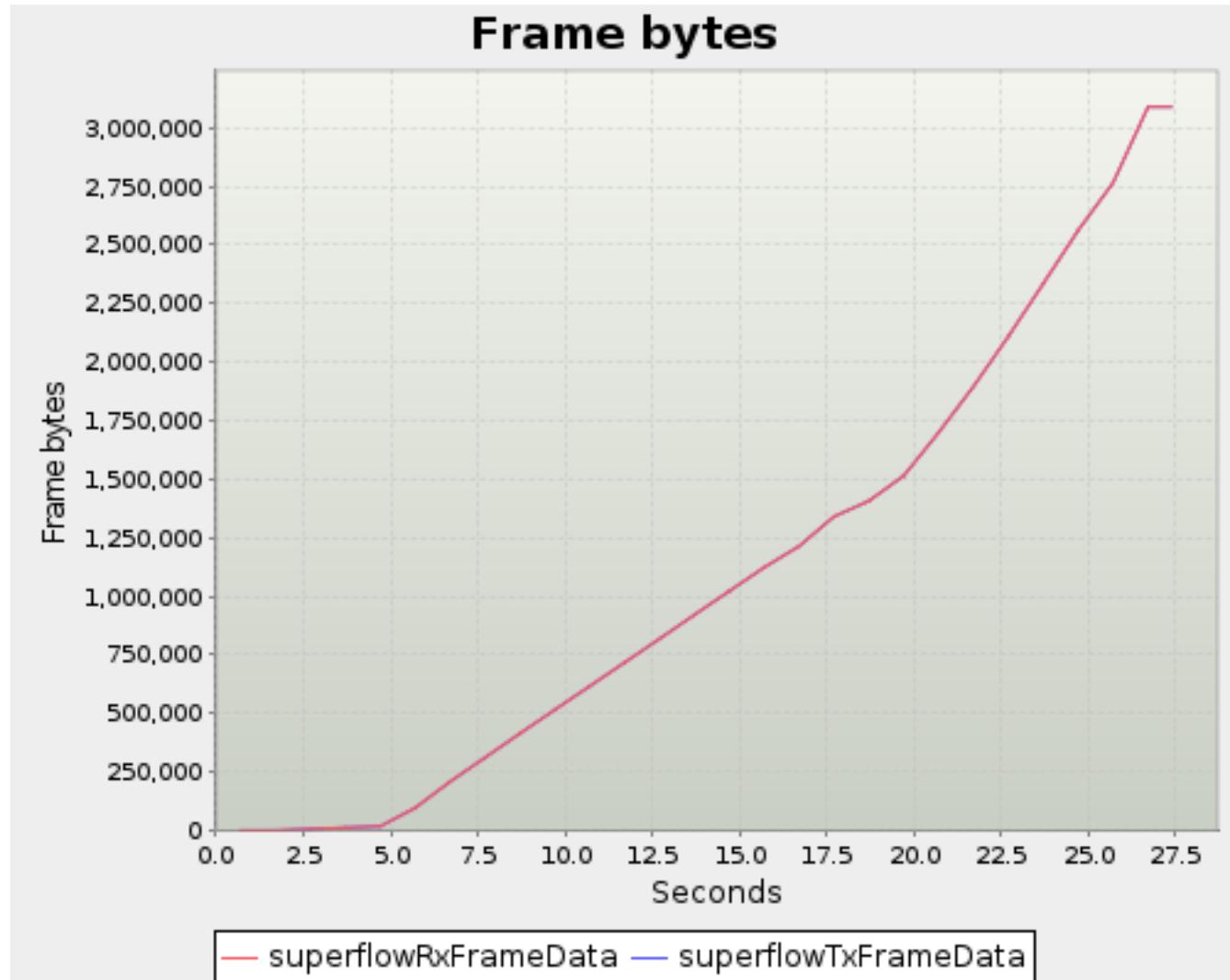


time	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0.04269908700000002	0.04269908700000002
1.707	0.04269908700000002	0.04269908700000002
2.707	1.7234546999999996	1.7234546999999996
3.706	1.6805304	1.6805304
4.706	1.5492774	1.5492774
5.706	1.673032	1.673032
6.706	1.7628285999999995	1.7628285999999995
7.707	1.6749269	1.6749269
8.706	1.6816255999999998	1.6816255999999998
9.706	1.655128	1.655128
10.706	1.6545571000000006	1.6545571000000006
11.706	1.8234405999999999	1.8234405999999999
12.706	1.6273252999999996	1.6273252999999996
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	superflowRxFrameDataRate	superflowTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

6.3.9. [protocol=BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)]

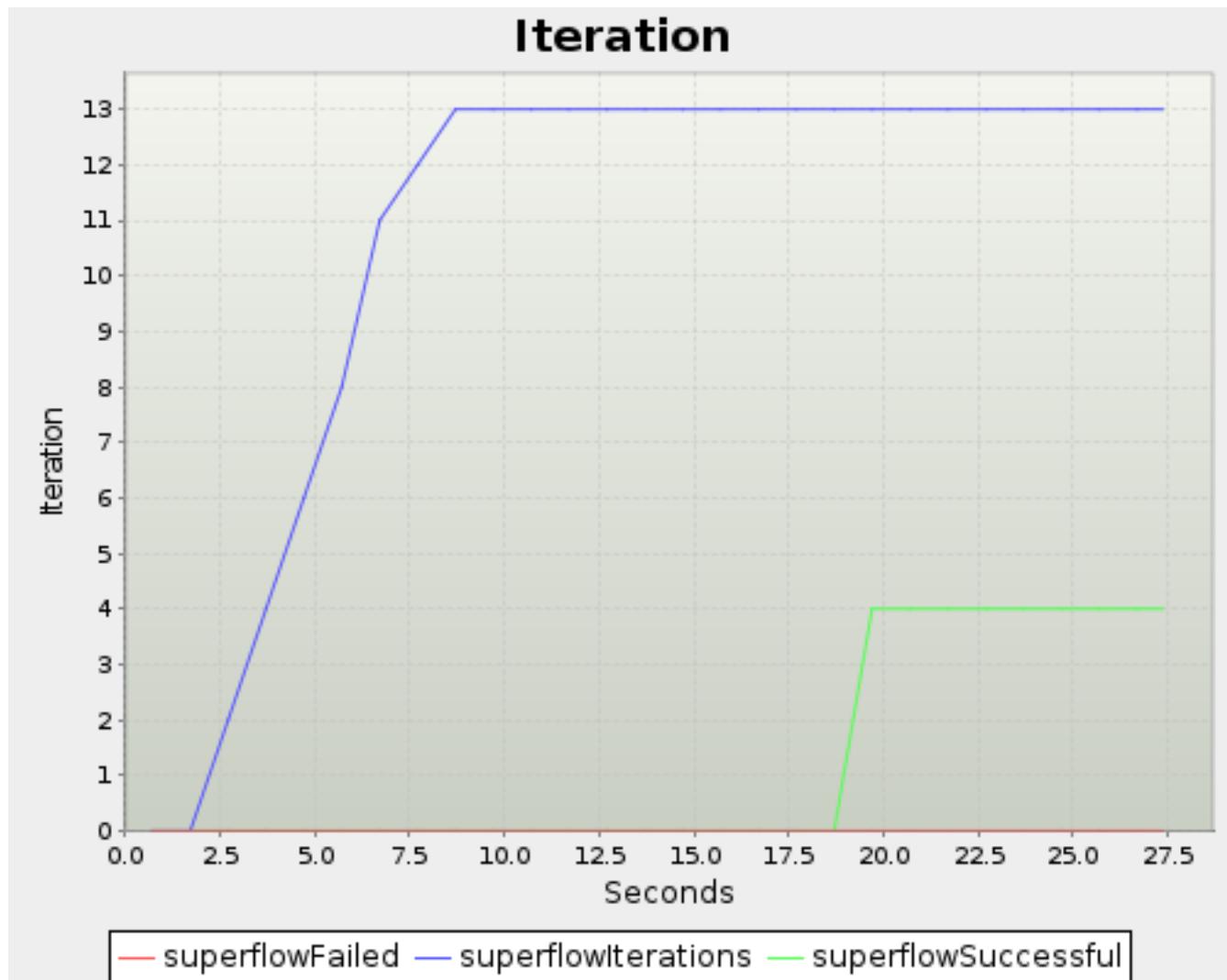
6.3.9.1. Frame bytes



time	superflowRxFrameData	superflowTxFrameData
0.707	0	0
1.707	0	0
2.707	5,846	5,846
3.706	11,697	11,697
4.706	17,579	17,579
5.706	96,274	96,274
6.706	208,292	208,292
7.707	310,929	310,929
8.706	413,973	413,973
9.706	515,015	515,015
10.706	616,057	616,057
11.706	716,949	716,949
12.706	817,993	817,993
13.707	920,741	920,741
14.706	1,021,933	1,021,933
15.706	1,123,125	1,123,125
16.707	1,213,817	1,213,817
17.706	1,340,325	1,340,325
18.706	1,407,123	1,407,123
19.706	1,514,656	1,514,656
20.706	1,699,375	1,699,375
21.706	1,896,390	1,896,390
22.706	2,110,386	2,110,386
23.707	2,336,105	2,336,105
24.707	2,563,339	2,563,339

time	superflowRxFrameData	superflowTxFrameData
25.706	2,766,206	2,766,206
26.706	3,090,088	3,090,088
27.370	3,090,088	3,090,088

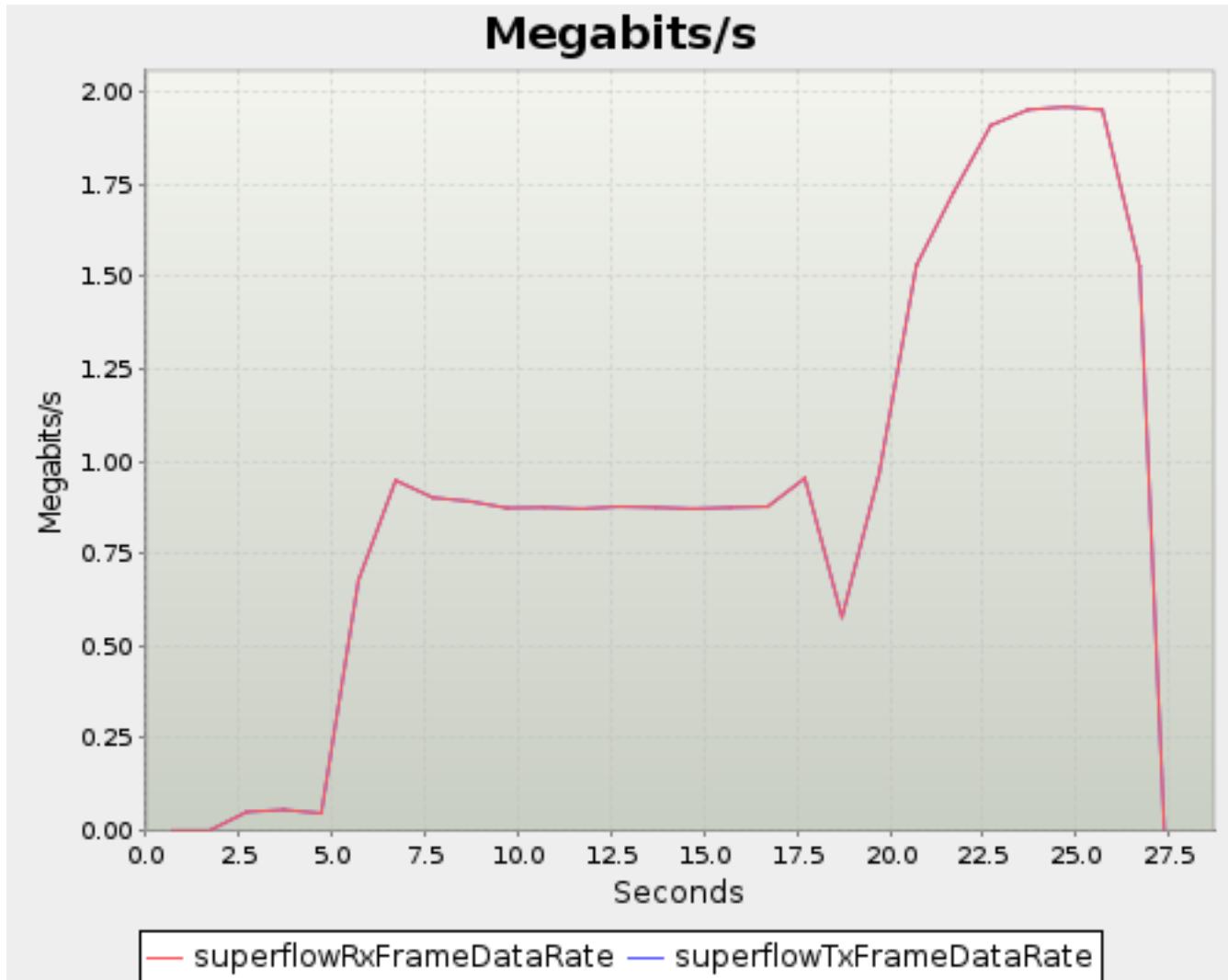
6.3.9.2. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	0	0
1.707	0	0	0
2.707	0	2	0
3.706	0	4	0
4.706	0	6	0
5.706	0	8	0
6.706	0	11	0
7.707	0	12	0
8.706	0	13	0
9.706	0	13	0
10.706	0	13	0
11.706	0	13	0
12.706	0	13	0
13.707	0	13	0
14.706	0	13	0
15.706	0	13	0
16.707	0	13	0
17.706	0	13	0
18.706	0	13	0
19.706	0	13	4
20.706	0	13	4
21.706	0	13	4
22.706	0	13	4
23.707	0	13	4
24.707	0	13	4

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	13	4
26.706	0	13	4
27.370	0	13	4

6.3.9.3. Megabits/s

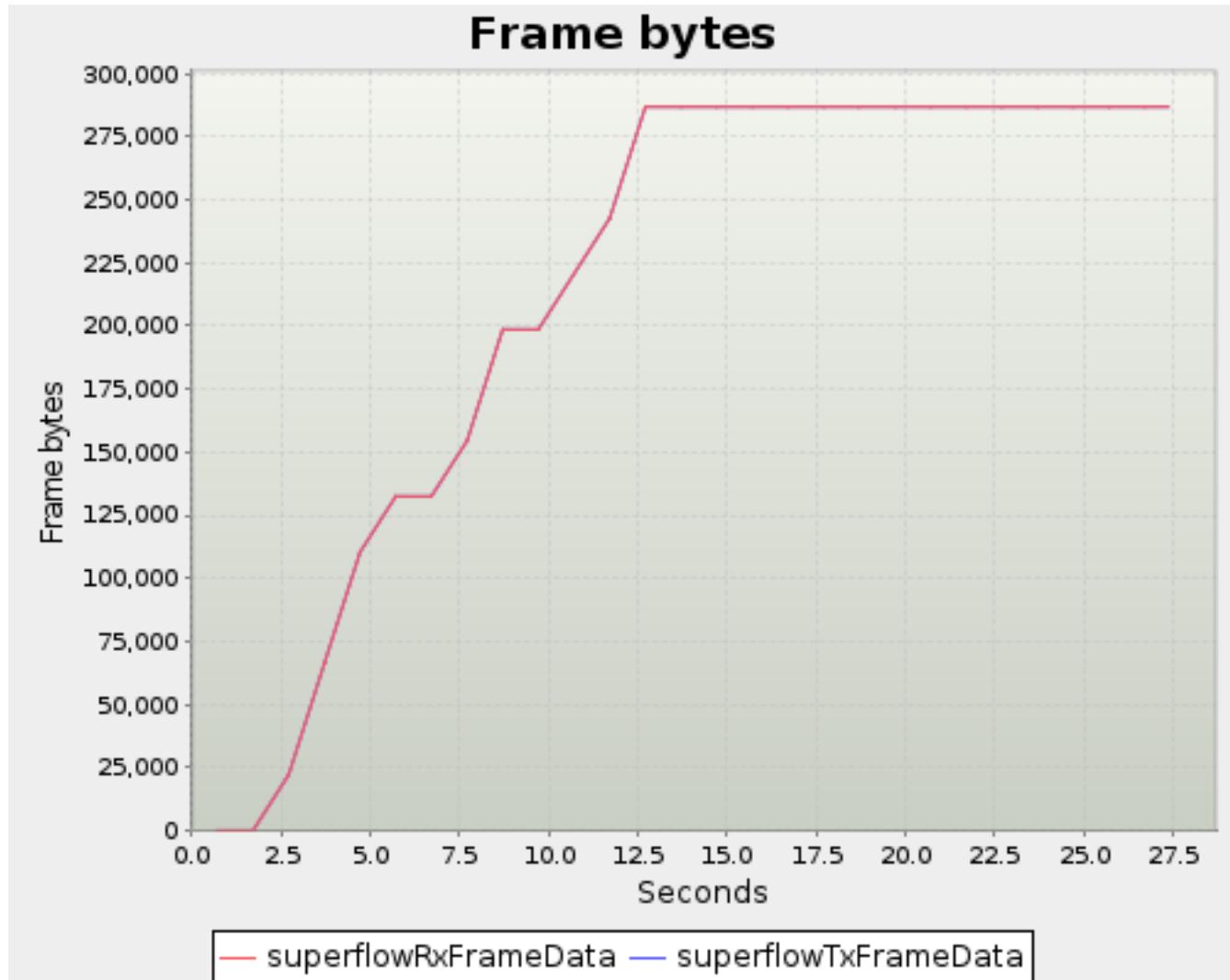


time	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	0.050037812000000015	0.050037812000000015
3.706	0.05561104800000002	0.05561104800000002
4.706	0.046145987	0.046145987
5.706	0.6775599999999996	0.6775599999999996
6.706	0.9480744600000002	0.9480744600000002
7.707	0.9016016000000002	0.9016016000000002
8.706	0.8913232999999998	0.8913232999999998
9.706	0.873456	0.873456
10.706	0.8752064	0.8752064
11.706	0.87122476	0.87122476
12.706	0.8769799500000004	0.8769799500000004
13.707	0.8749399000000002	0.8749399000000002
14.706	0.8713307	0.8713307
15.706	0.874816	0.874816
16.707	0.8770649	0.8770649
17.706	0.95391273	0.95391273
18.706	0.5769779700000002	0.5769779700000002
19.706	0.9672674499999997	0.9672674499999997
20.706	1.5307409	1.5307409
21.706	1.7286091	1.7286091
22.706	1.9100495999999998	1.9100495999999998
23.707	1.9525044999999996	1.9525044999999996
24.707	1.9601915999999995	1.9601915999999995

time	superflowRxFrameDataRate	superflowTxFrameDataRate
25.706	1.9523118	1.9523118
26.706	1.5286131	1.5286131
27.370	0	0

6.3.10. [protocol=BreakingPoint SMTP Email]

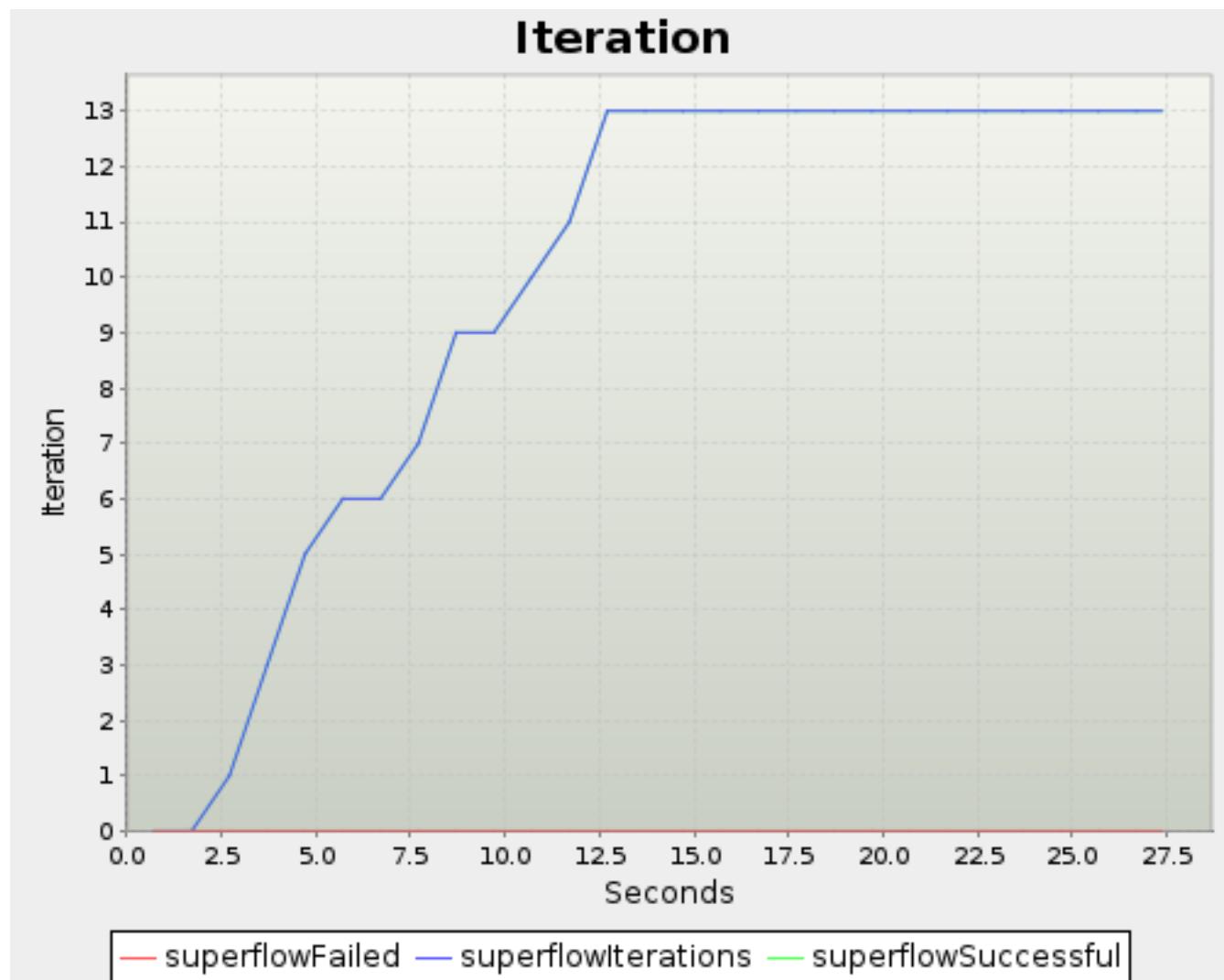
6.3.10.1. Frame bytes



time	superflowRxFrameData	superflowTxFrameData
0.707	0	0
1.707	0	0
2.707	22,127	22,127
3.706	66,291	66,291
4.706	110,365	110,365
5.706	132,492	132,492
6.706	132,492	132,492
7.707	154,529	154,529
8.706	198,693	198,693
9.706	198,693	198,693
10.706	220,730	220,730
11.706	242,767	242,767
12.706	286,931	286,931
13.707	286,931	286,931
14.706	286,931	286,931
15.706	286,931	286,931
16.707	286,931	286,931
17.706	286,931	286,931
18.706	286,931	286,931
19.706	286,931	286,931
20.706	286,931	286,931
21.706	286,931	286,931
22.706	286,931	286,931
23.707	286,931	286,931
24.707	286,931	286,931

time	superflowRxFrameData	superflowTxFrameData
25.706	286,931	286,931
26.706	286,931	286,931
27.370	286,931	286,931

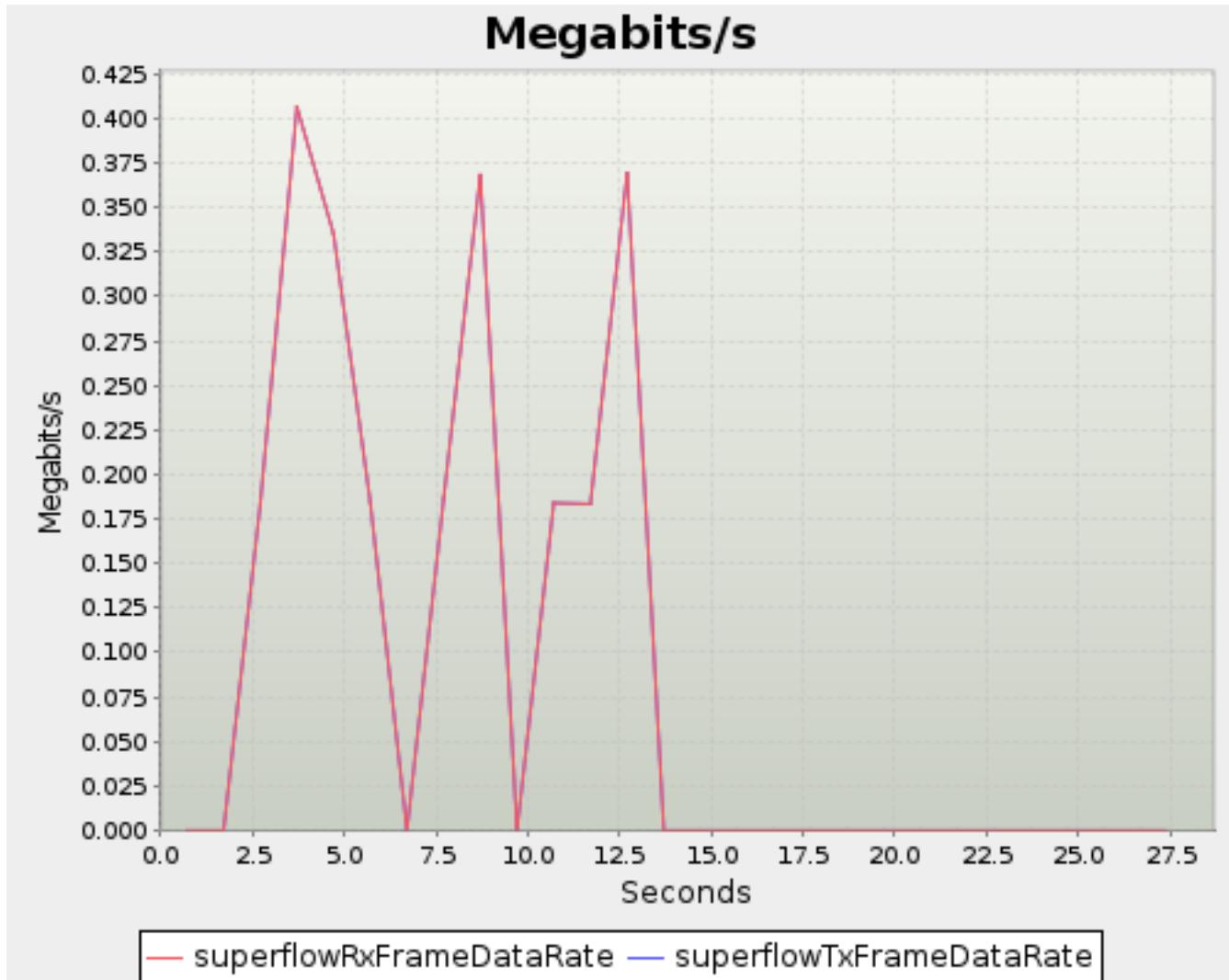
6.3.10.2. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	0	0
1.707	0	0	0
2.707	0	1	1
3.706	0	3	3
4.706	0	5	5
5.706	0	6	6
6.706	0	6	6
7.707	0	7	7
8.706	0	9	9
9.706	0	9	9
10.706	0	10	10
11.706	0	11	11
12.706	0	13	13
13.707	0	13	13
14.706	0	13	13
15.706	0	13	13
16.707	0	13	13
17.706	0	13	13
18.706	0	13	13
19.706	0	13	13
20.706	0	13	13
21.706	0	13	13
22.706	0	13	13
23.707	0	13	13
24.707	0	13	13

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	13	13
26.706	0	13	13
27.370	0	13	13

6.3.10.3. Megabits/s

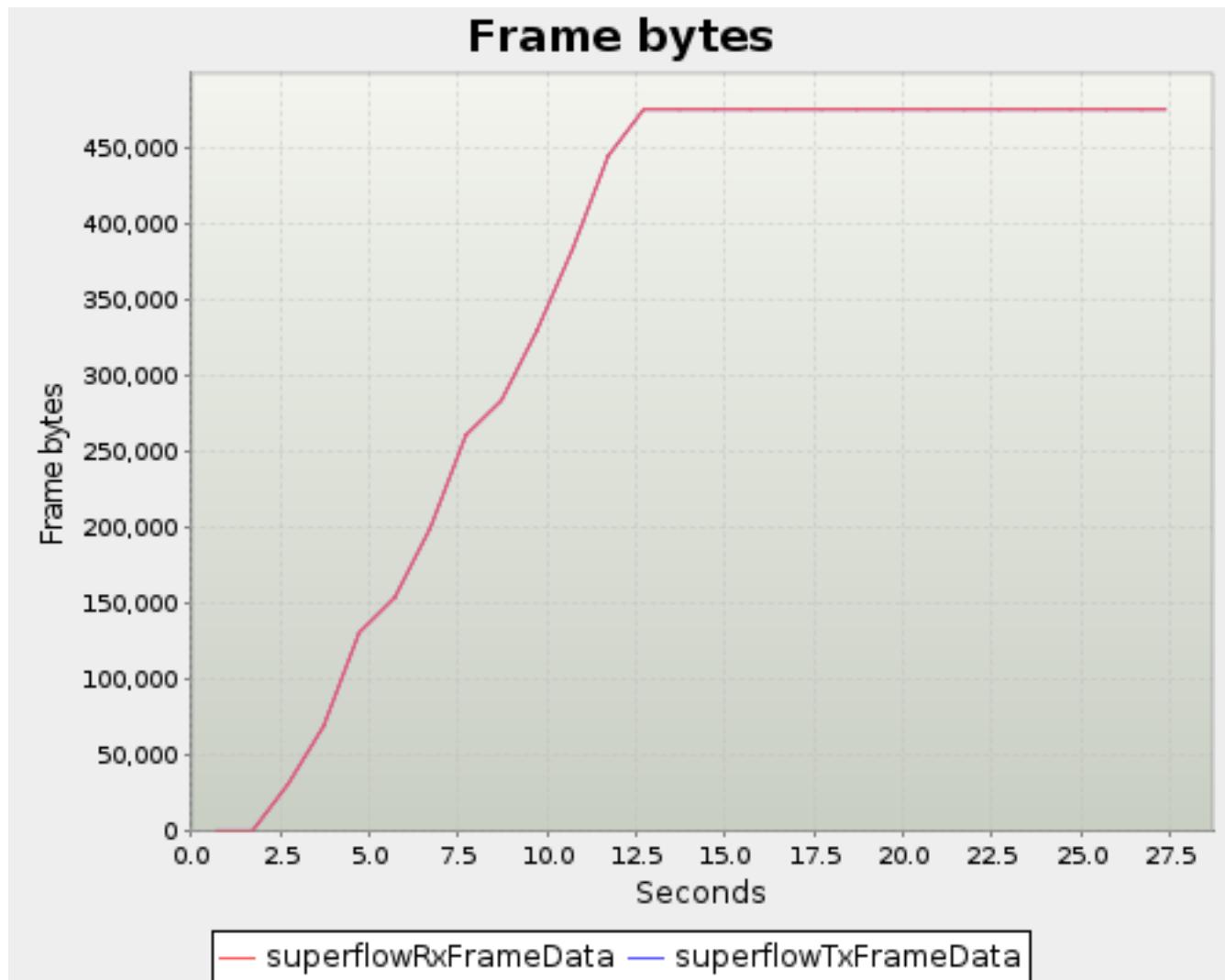


time	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	0.1834587	0.1834587
3.706	0.4066652	0.4066652
4.706	0.33513867999999997	0.33513867999999997
5.706	0.18437599999999996	0.18437599999999996
6.706	0	0
7.707	0.18664227	0.18664227
8.706	0.3684004	0.3684004
9.706	0	0
10.706	0.18402405	0.18402405
11.706	0.18347253	0.18347253
12.706	0.36951002	0.36951002
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	superflowRxFrameDataRate	superflowTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

6.3.11. [protocol=BreakingPoint Telnet]

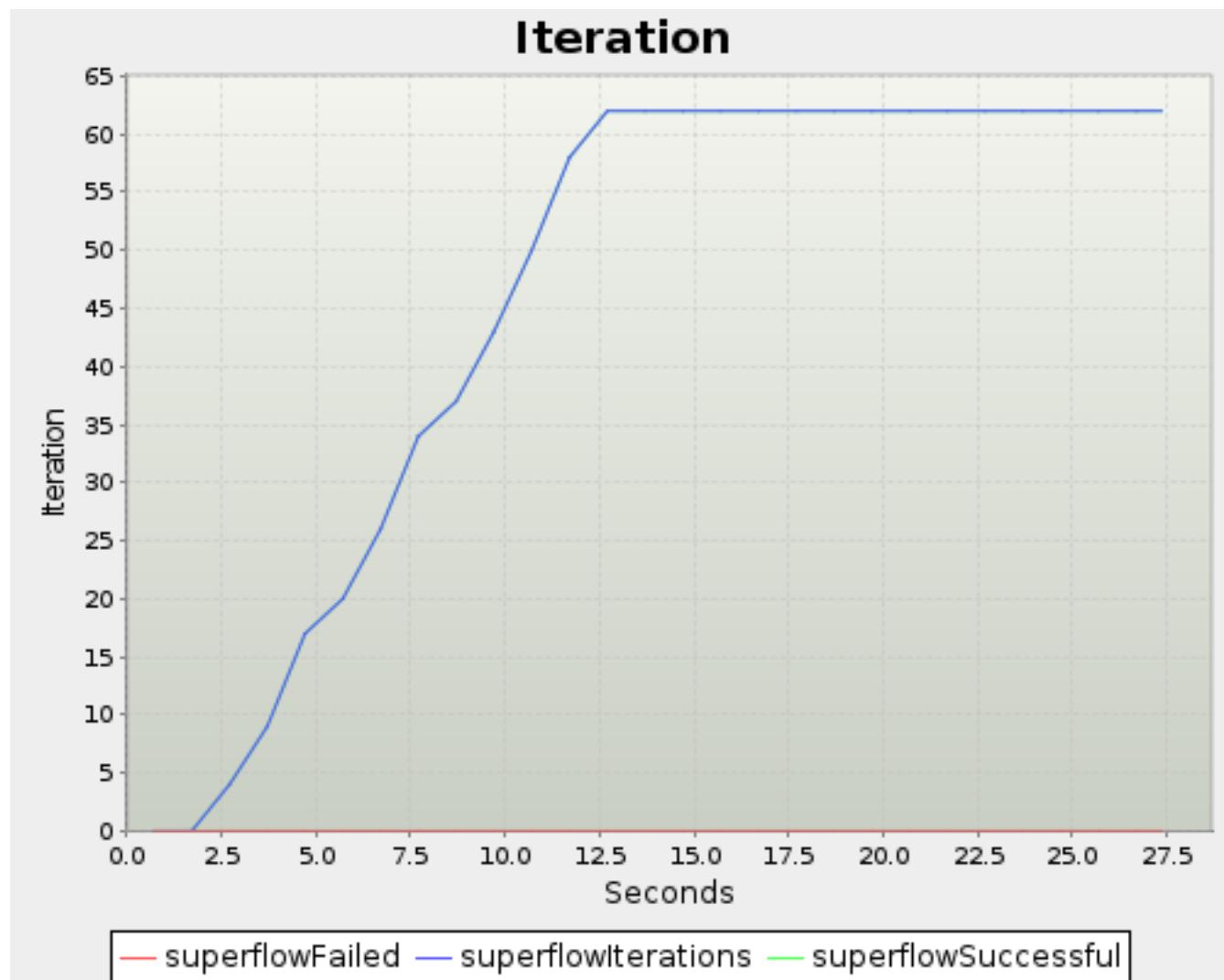
6.3.11.1. Frame bytes



time	superflowRxFrameData	superflowTxFrameData
0.707	0	0
1.707	0	0
2.707	30,684	30,684
3.706	68,925	68,925
4.706	130,521	130,521
5.706	153,648	153,648
6.706	199,446	199,446
7.707	260,586	260,586
8.706	283,485	283,485
9.706	329,511	329,511
10.706	383,094	383,094
11.706	444,462	444,462
12.706	475,146	475,146
13.707	475,146	475,146
14.706	475,146	475,146
15.706	475,146	475,146
16.707	475,146	475,146
17.706	475,146	475,146
18.706	475,146	475,146
19.706	475,146	475,146
20.706	475,146	475,146
21.706	475,146	475,146
22.706	475,146	475,146
23.707	475,146	475,146
24.707	475,146	475,146

time	superflowRxFrameData	superflowTxFrameData
25.706	475,146	475,146
26.706	475,146	475,146
27.370	475,146	475,146

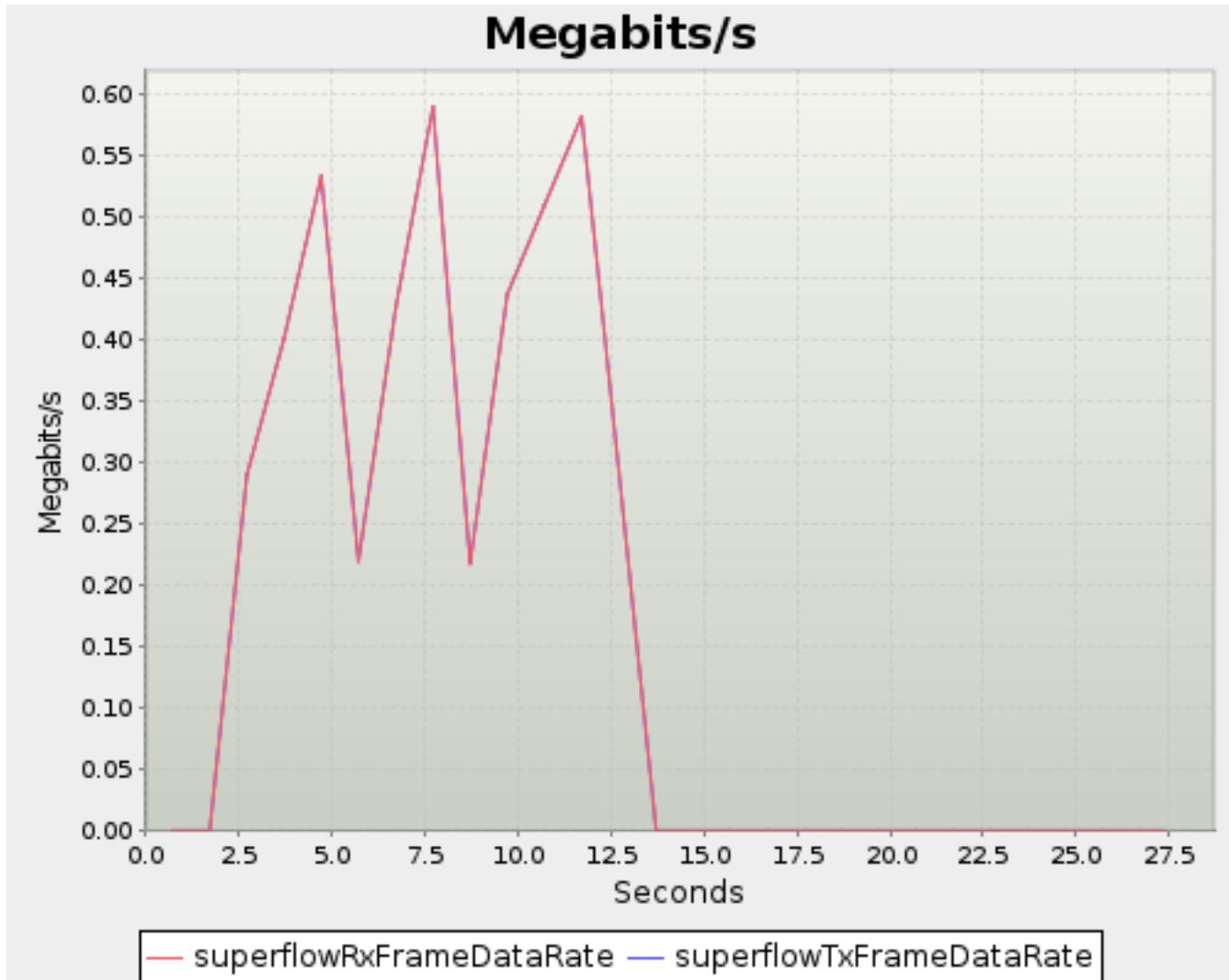
6.3.11.2. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	0	0
1.707	0	0	0
2.707	0	4	4
3.706	0	9	9
4.706	0	17	17
5.706	0	20	20
6.706	0	26	26
7.707	0	34	34
8.706	0	37	37
9.706	0	43	43
10.706	0	50	50
11.706	0	58	58
12.706	0	62	62
13.707	0	62	62
14.706	0	62	62
15.706	0	62	62
16.707	0	62	62
17.706	0	62	62
18.706	0	62	62
19.706	0	62	62
20.706	0	62	62
21.706	0	62	62
22.706	0	62	62
23.707	0	62	62
24.707	0	62	62

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	62	62
26.706	0	62	62
27.370	0	62	62

6.3.11.3. Megabits/s

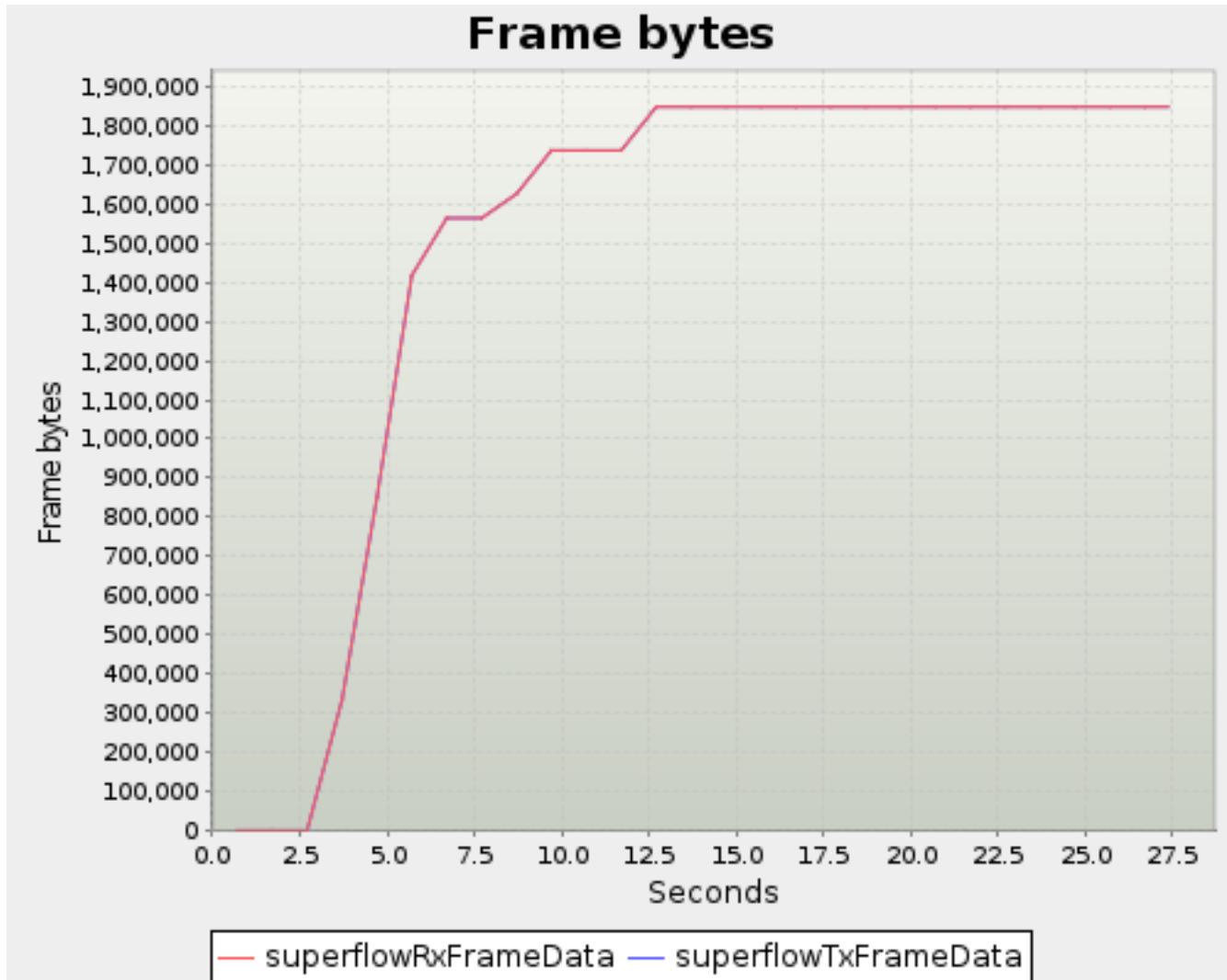


time	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	0.2894646800000002	0.2894646800000002
3.706	0.4006276000000001	0.4006276000000001
4.706	0.5328175399999998	0.5328175399999998
5.706	0.21925600000000006	0.21925600000000006
6.706	0.42529285	0.42529285
7.707	0.58910567	0.58910567
8.706	0.21732932000000005	0.21732932000000005
9.706	0.43636800000000002	0.43636800000000002
10.706	0.5090420999999998	0.5090420999999998
11.706	0.5812427399999998	0.5812427399999998
12.706	0.2920803000000001	0.2920803000000001
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	superflowRxFrameDataRate	superflowTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

6.3.12. [protocol=BreakingPoint eDonkey Data Transfer]

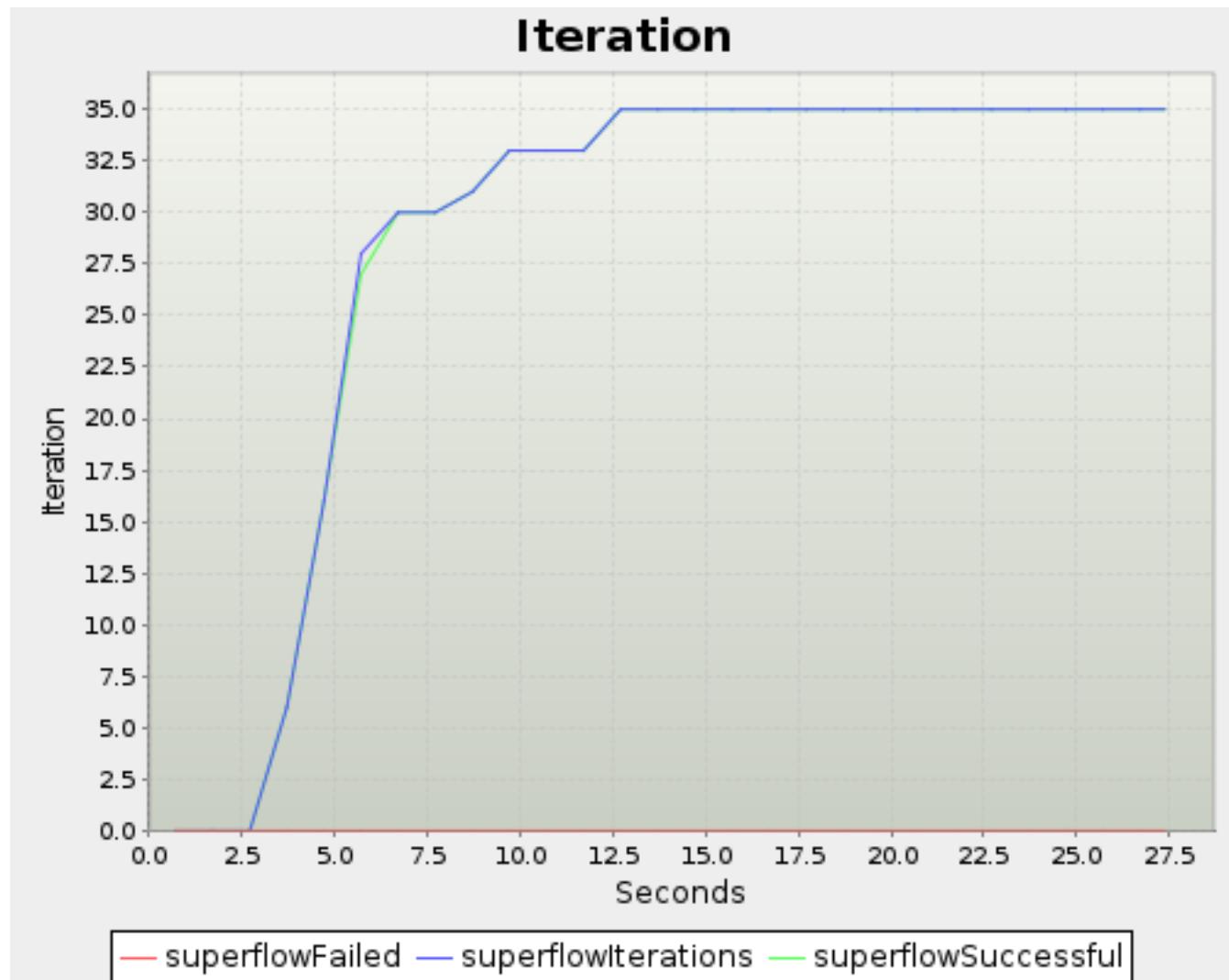
6.3.12.1. Frame bytes



time	superflowRxFrameData	superflowTxFrameData
0.707	0	0
1.707	0	0
2.707	0	0
3.706	333,258	333,258
4.706	850,534	850,534
5.706	1,418,009	1,418,009
6.706	1,564,546	1,564,546
7.707	1,564,546	1,564,546
8.706	1,626,448	1,626,448
9.706	1,737,534	1,737,534
10.706	1,737,534	1,737,534
11.706	1,737,534	1,737,534
12.706	1,848,620	1,848,620
13.707	1,848,620	1,848,620
14.706	1,848,620	1,848,620
15.706	1,848,620	1,848,620
16.707	1,848,620	1,848,620
17.706	1,848,620	1,848,620
18.706	1,848,620	1,848,620
19.706	1,848,620	1,848,620
20.706	1,848,620	1,848,620
21.706	1,848,620	1,848,620
22.706	1,848,620	1,848,620
23.707	1,848,620	1,848,620
24.707	1,848,620	1,848,620

time	superflowRxFrameData	superflowTxFrameData
25.706	1,848,620	1,848,620
26.706	1,848,620	1,848,620
27.370	1,848,620	1,848,620

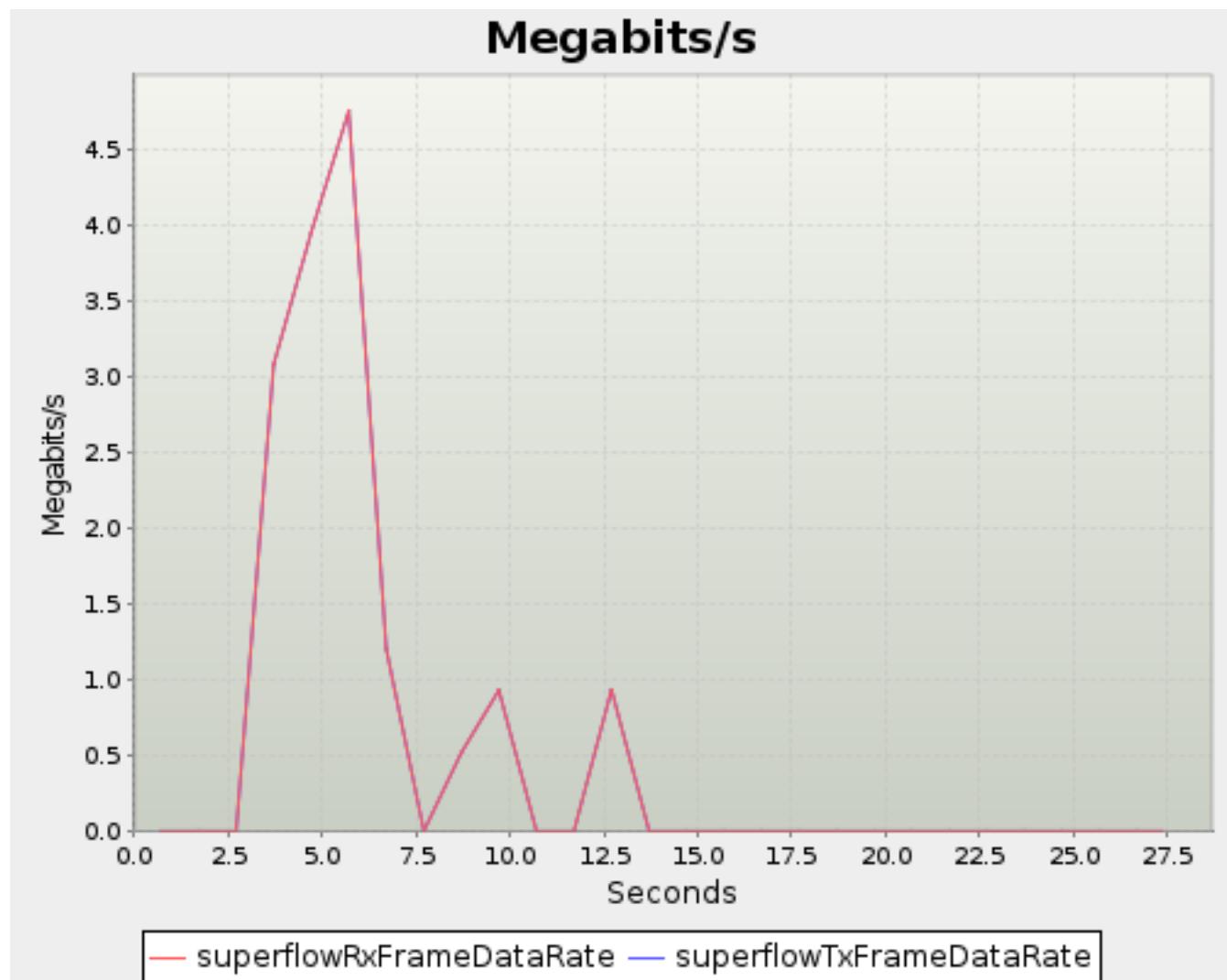
6.3.12.2. Iteration



time	superflowFailed	superflowIterations	superflowSuccessful
0.707	0	0	0
1.707	0	0	0
2.707	0	0	0
3.706	0	6	6
4.706	0	16	16
5.706	0	28	27
6.706	0	30	30
7.707	0	30	30
8.706	0	31	31
9.706	0	33	33
10.706	0	33	33
11.706	0	33	33
12.706	0	35	35
13.707	0	35	35
14.706	0	35	35
15.706	0	35	35
16.707	0	35	35
17.706	0	35	35
18.706	0	35	35
19.706	0	35	35
20.706	0	35	35
21.706	0	35	35
22.706	0	35	35
23.707	0	35	35
24.707	0	35	35

time	superflowFailed	superflowIterations	superflowSuccessful
25.706	0	35	35
26.706	0	35	35
27.370	0	35	35

6.3.12.3. Megabits/s

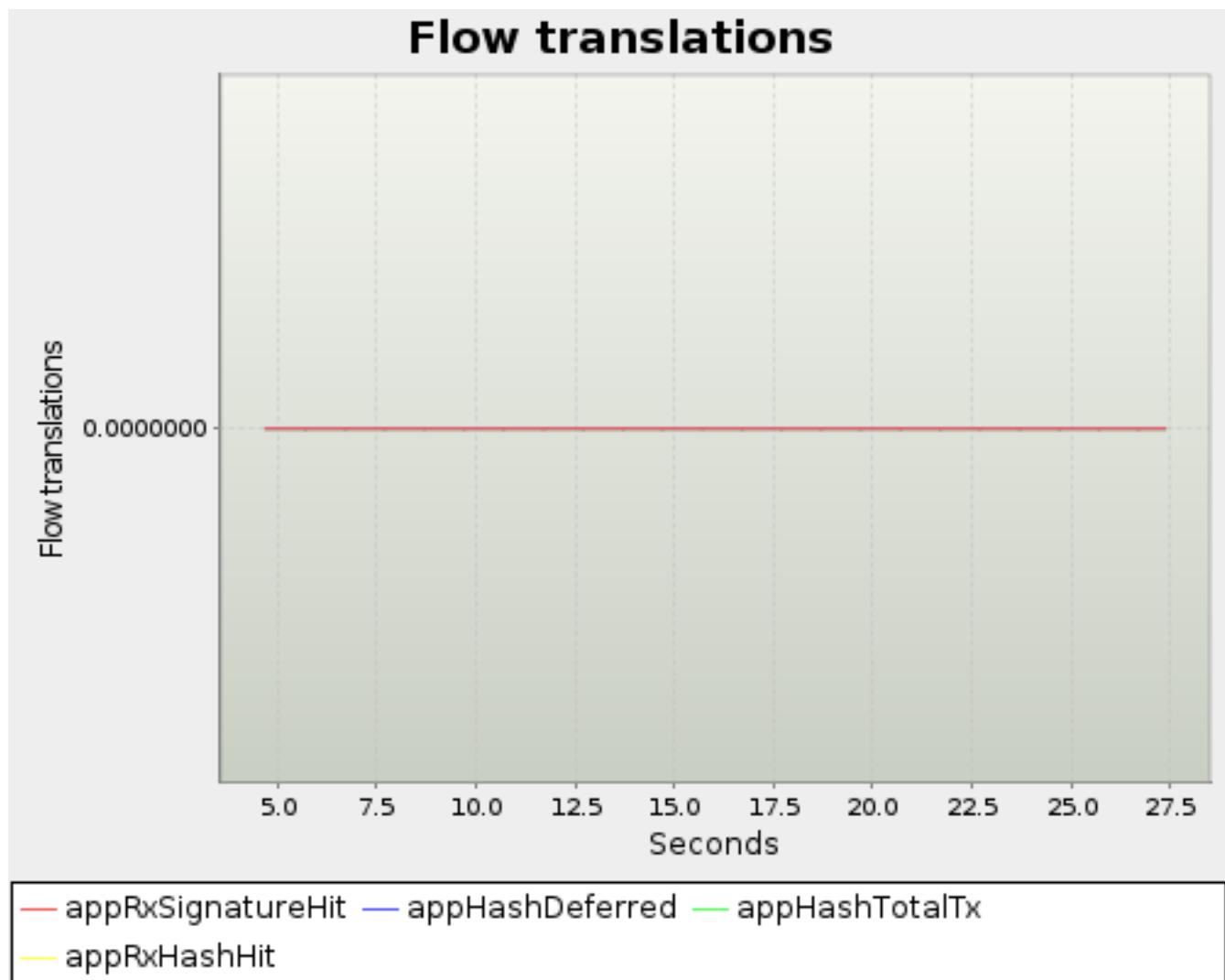


time	superflowRxFrameDataRate	superflowTxFrameDataRate
0.707	0	0
1.707	0	0
2.707	0	0
3.706	3.083827700000001	3.083827700000001
4.706	3.9567591999999987	3.9567591999999987
5.706	4.75884	4.75884
6.706	1.2031889999999998	1.2031889999999998
7.707	0	0
8.706	0.5181340999999998	0.5181340999999998
9.706	0.930288	0.930288
10.706	0	0
11.706	0	0
12.706	0.9340241	0.9340241
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	superflowRxFrameDataRate	superflowTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

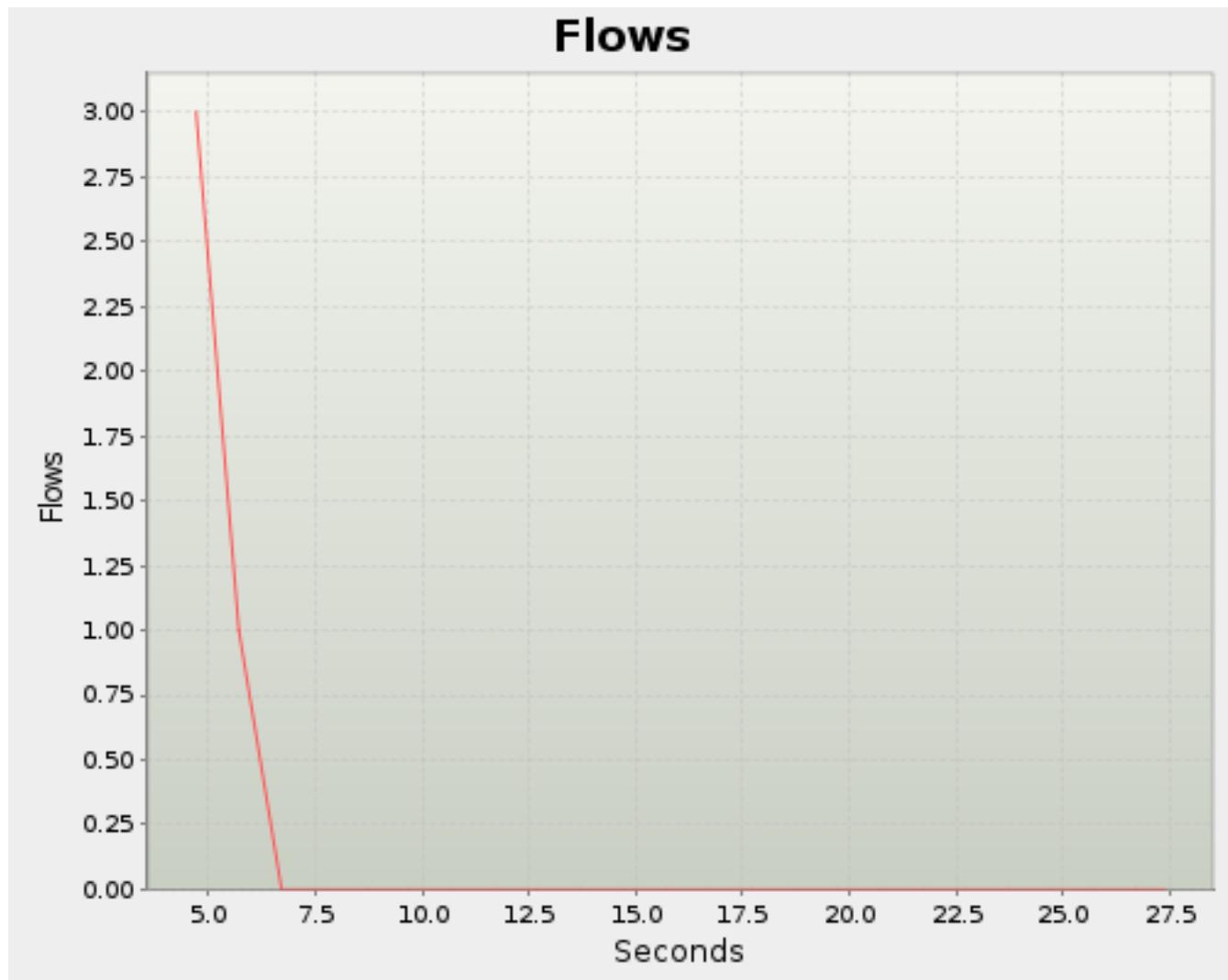
6.3.13. [protocol=Citrix]

6.3.13.1. Flow translations



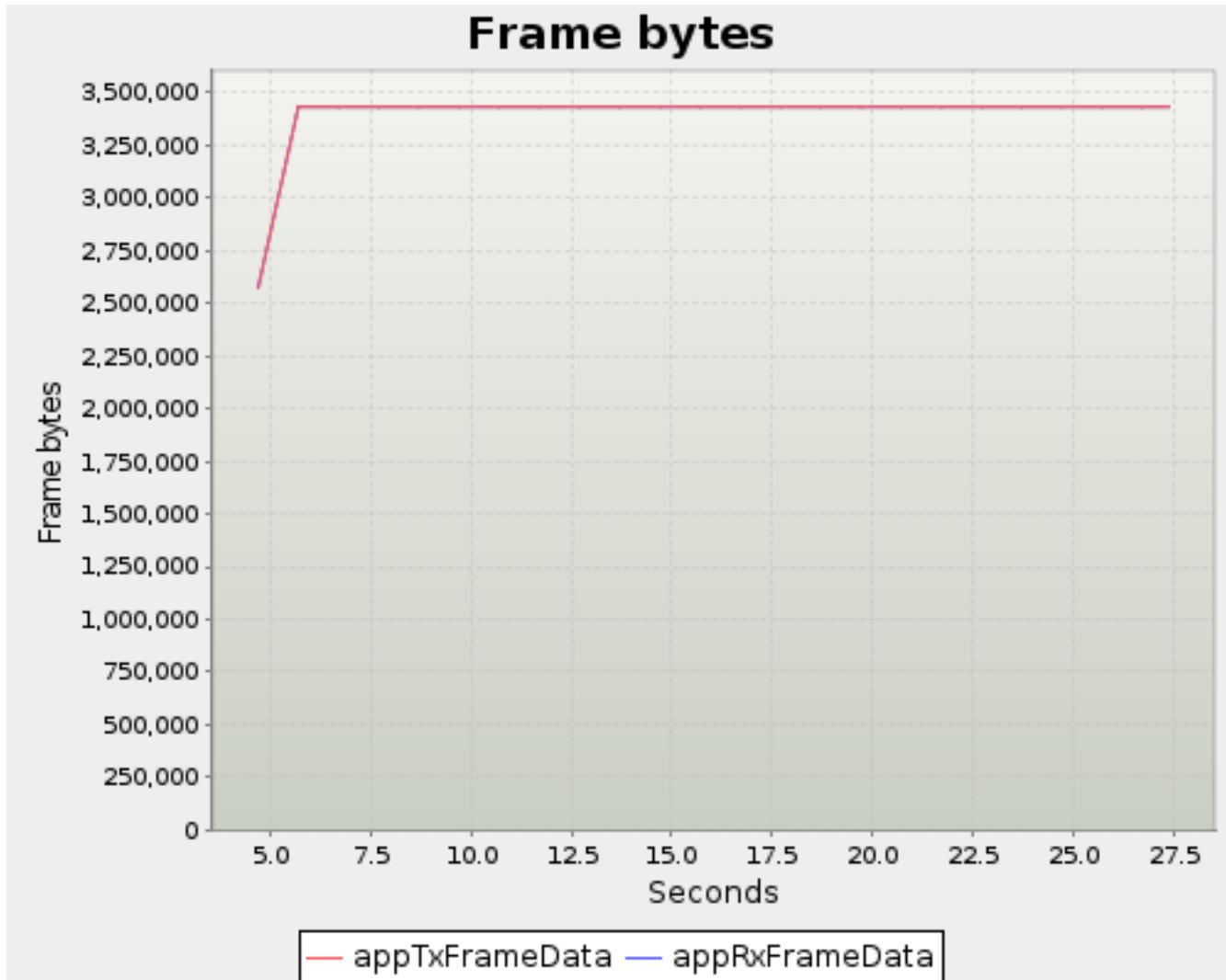
time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
4.706	0	0	0	0
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0
25.706	0	0	0	0
26.706	0	0	0	0
27.370	0	0	0	0

6.3.13.2. Flows



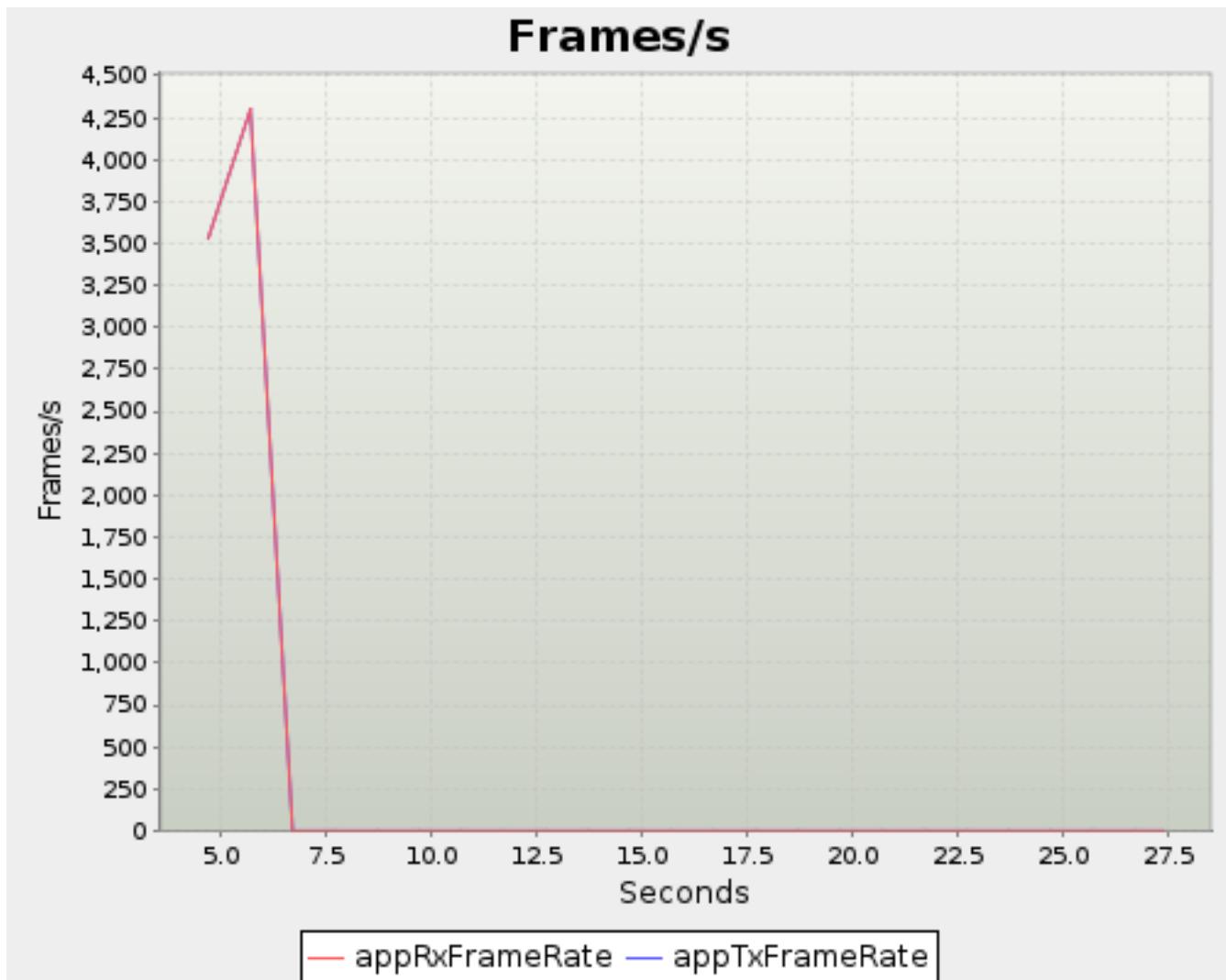
time	concurrentAppFlows
4.706	3
5.706	1
6.706	0
7.707	0
8.706	0
9.706	0
10.706	0
11.706	0
12.706	0
13.707	0
14.706	0
15.706	0
16.707	0
17.706	0
18.706	0
19.706	0
20.706	0
21.706	0
22.706	0
23.707	0
24.707	0
25.706	0
26.706	0
27.370	0

6.3.13.3. Frame bytes



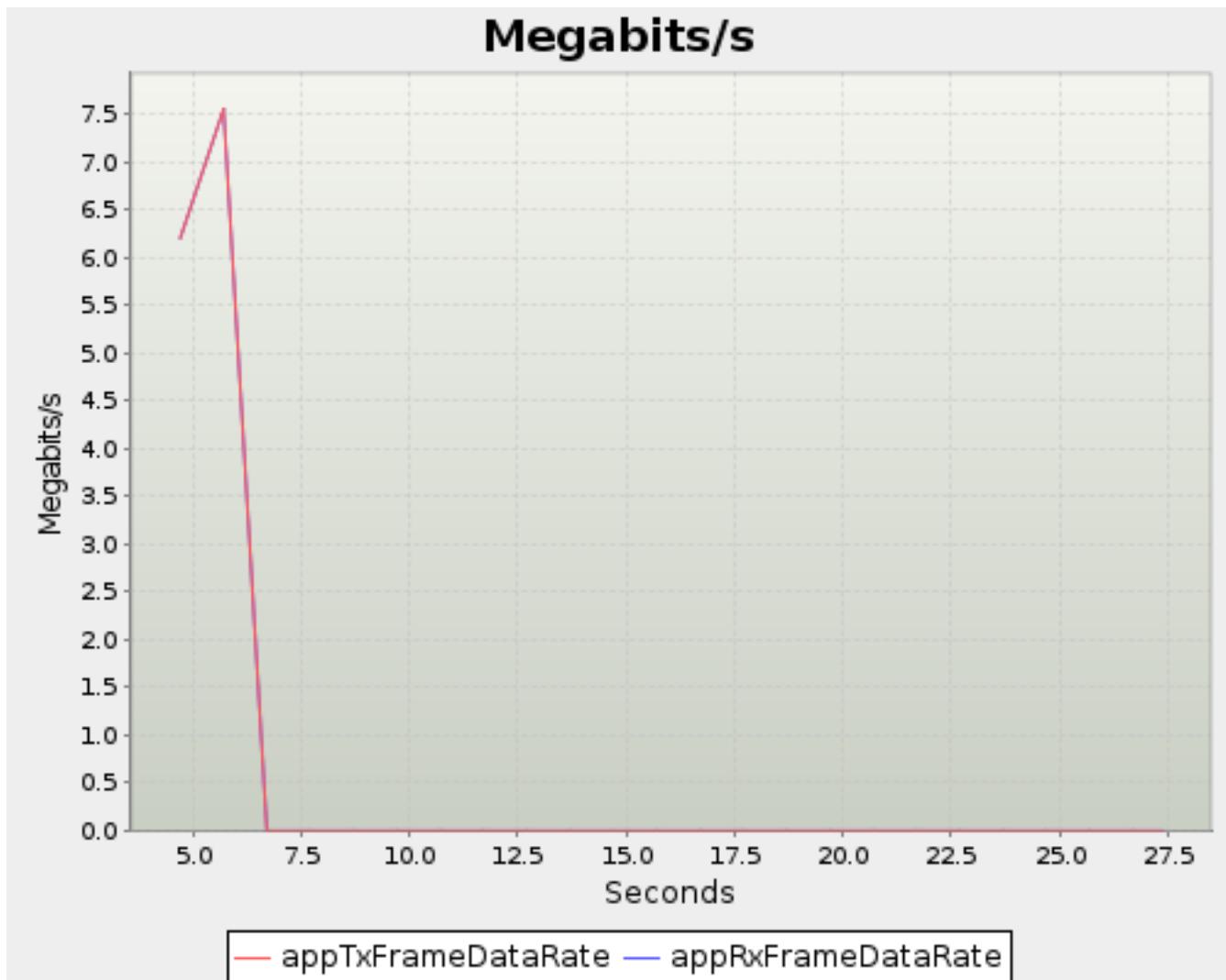
time	appRxFrameData	appTxFrameData
4.706	2,572,419	2,572,419
5.706	3,429,892	3,429,892
6.706	3,429,892	3,429,892
7.707	3,429,892	3,429,892
8.706	3,429,892	3,429,892
9.706	3,429,892	3,429,892
10.706	3,429,892	3,429,892
11.706	3,429,892	3,429,892
12.706	3,429,892	3,429,892
13.707	3,429,892	3,429,892
14.706	3,429,892	3,429,892
15.706	3,429,892	3,429,892
16.707	3,429,892	3,429,892
17.706	3,429,892	3,429,892
18.706	3,429,892	3,429,892
19.706	3,429,892	3,429,892
20.706	3,429,892	3,429,892
21.706	3,429,892	3,429,892
22.706	3,429,892	3,429,892
23.707	3,429,892	3,429,892
24.707	3,429,892	3,429,892
25.706	3,429,892	3,429,892
26.706	3,429,892	3,429,892
27.370	3,429,892	3,429,892

6.3.13.4. Frames/s



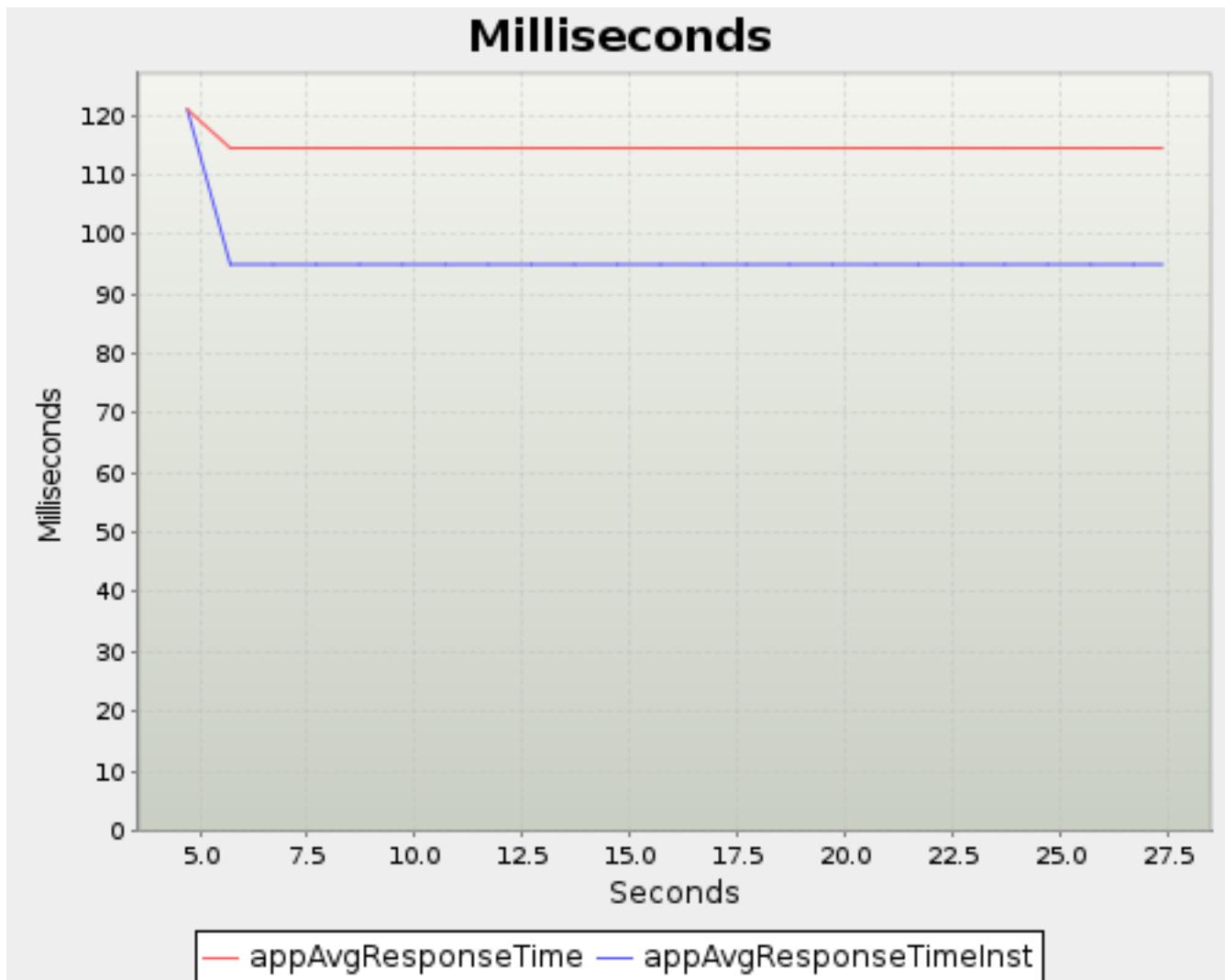
time	appRxFrameRate	appTxFrameRate
4.706	3,532.0723684210516	3,532.0723684210516
5.706	4,299.299299299302	4,299.299299299302
6.706	0	0
7.707	0	0
8.706	0	0
9.706	0	0
10.706	0	0
11.706	0	0
12.706	0	0
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0
27.370	0	0

6.3.13.5. Megabits/s



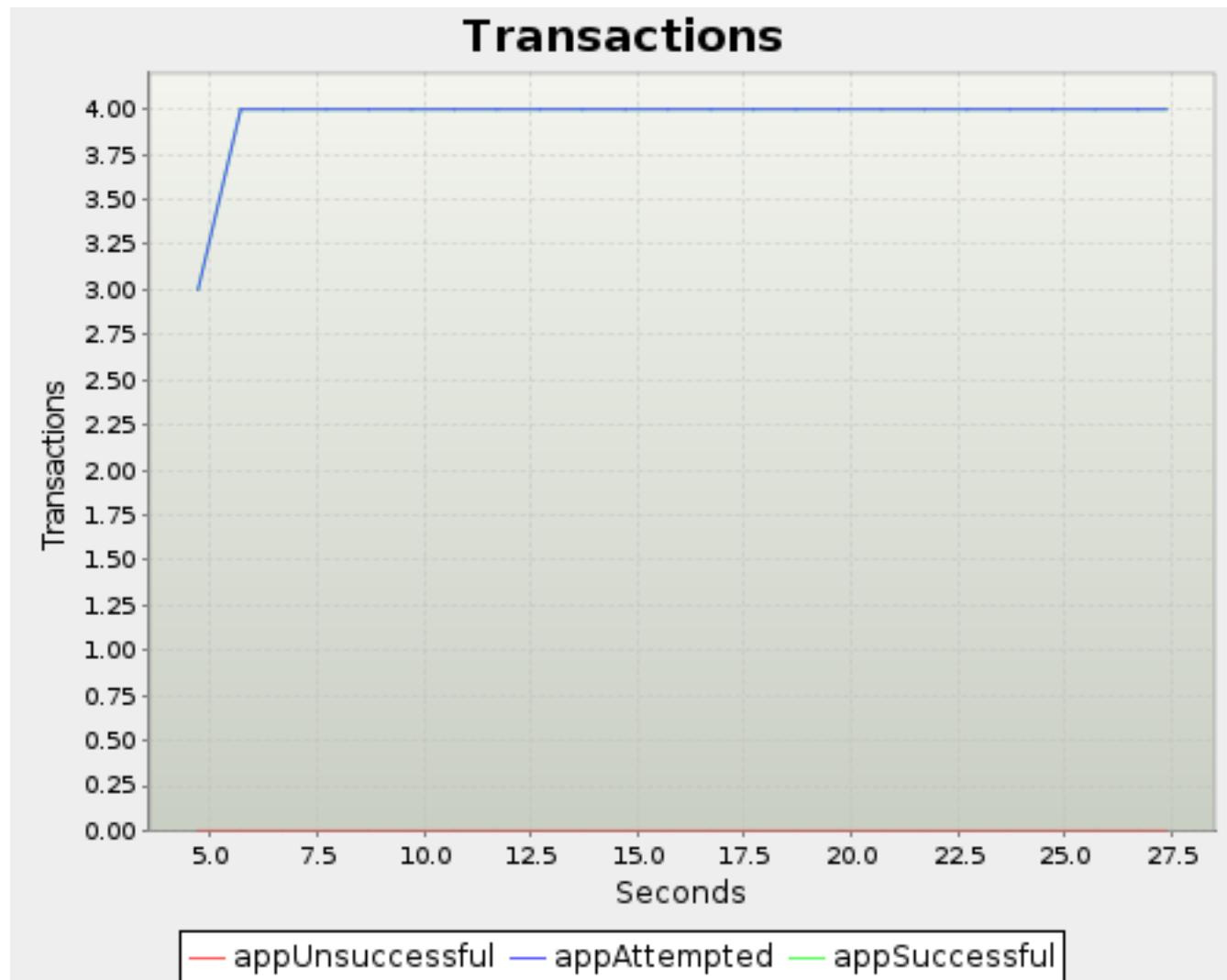
time	appRxFrameDataRate	appTxFrameDataRate
4.706	6.206	6.206
5.706	7.555	7.555
6.706	0	0
7.707	0	0
8.706	0	0
9.706	0	0
10.706	0	0
11.706	0	0
12.706	0	0
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0
27.370	0	0

6.3.13.6. Milliseconds



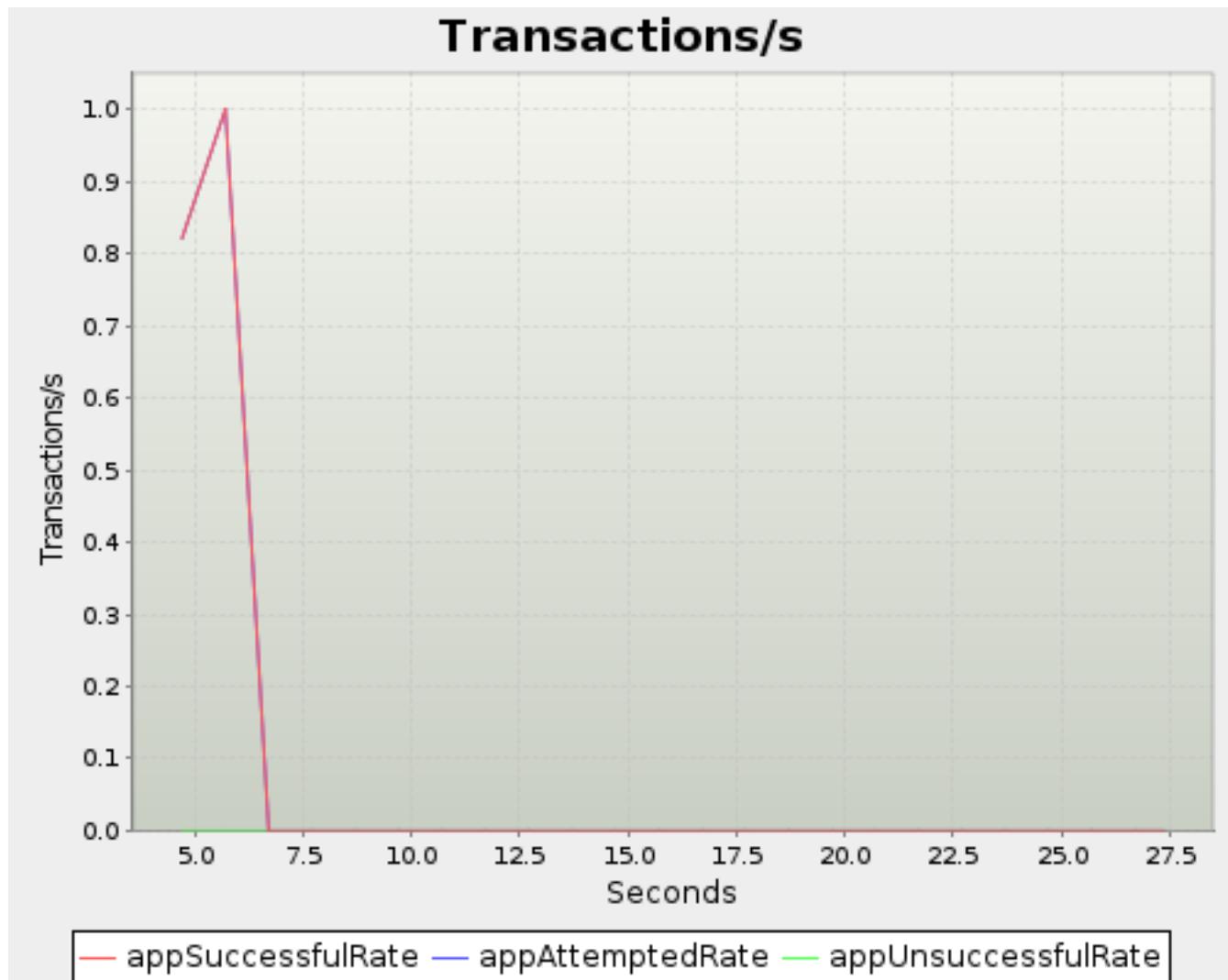
time	appAvgResponseTime	appAvgResponseTimeInst
4.706	121	121
5.706	114.5	95
6.706	114.5	95
7.707	114.5	95
8.706	114.5	95
9.706	114.5	95
10.706	114.5	95
11.706	114.5	95
12.706	114.5	95
13.707	114.5	95
14.706	114.5	95
15.706	114.5	95
16.707	114.5	95
17.706	114.5	95
18.706	114.5	95
19.706	114.5	95
20.706	114.5	95
21.706	114.5	95
22.706	114.5	95
23.707	114.5	95
24.707	114.5	95
25.706	114.5	95
26.706	114.5	95
27.370	114.5	95

6.3.13.7. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
4.706	3	3	0
5.706	4	4	0
6.706	4	4	0
7.707	4	4	0
8.706	4	4	0
9.706	4	4	0
10.706	4	4	0
11.706	4	4	0
12.706	4	4	0
13.707	4	4	0
14.706	4	4	0
15.706	4	4	0
16.707	4	4	0
17.706	4	4	0
18.706	4	4	0
19.706	4	4	0
20.706	4	4	0
21.706	4	4	0
22.706	4	4	0
23.707	4	4	0
24.707	4	4	0
25.706	4	4	0
26.706	4	4	0
27.370	4	4	0

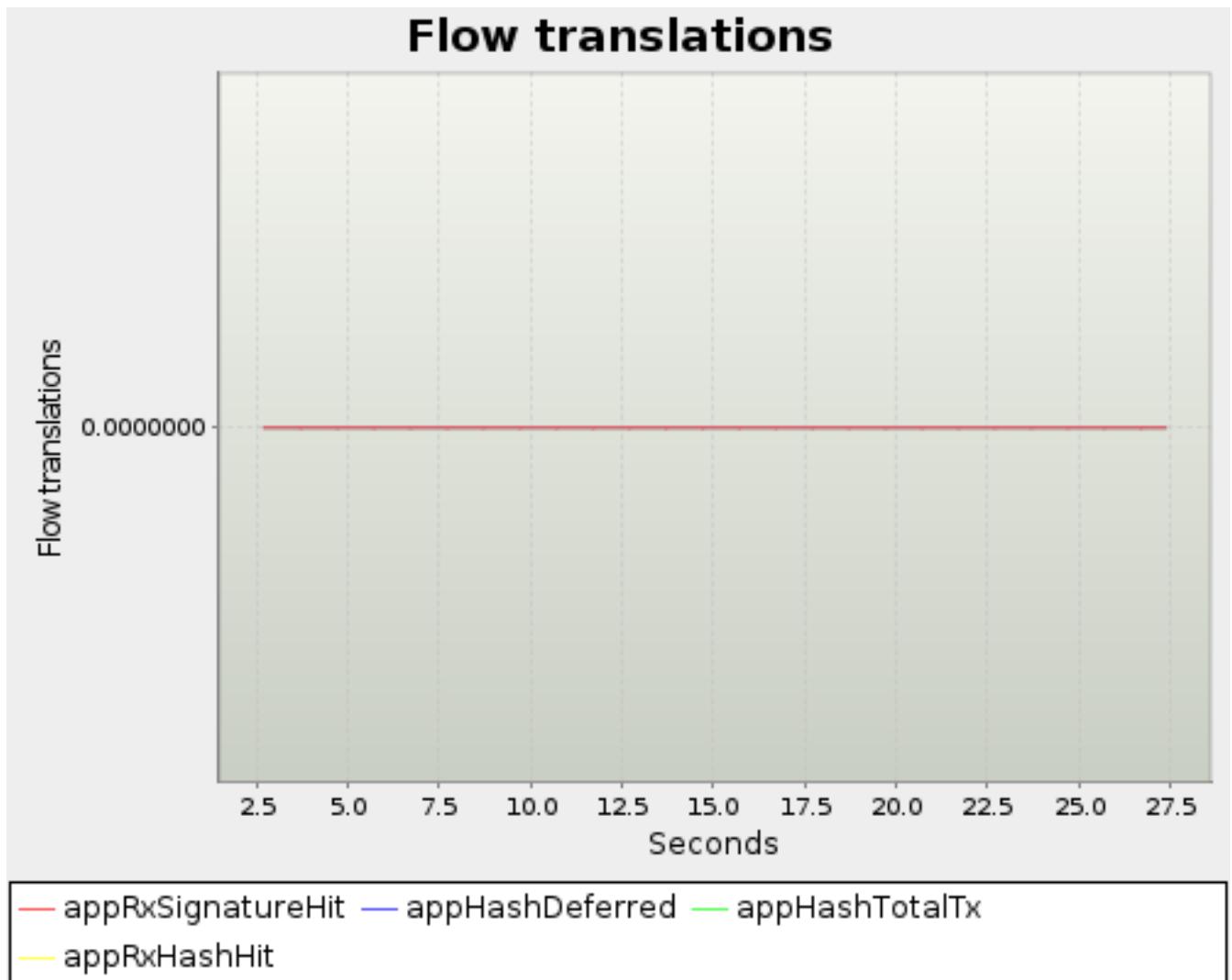
6.3.13.8. Transactions/s



time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
4.706	0.8224	0.8224	0
5.706	1.001	1.001	0
6.706	0	0	0
7.707	0	0	0
8.706	0	0	0
9.706	0	0	0
10.706	0	0	0
11.706	0	0	0
12.706	0	0	0
13.707	0	0	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	0	0	0
18.706	0	0	0
19.706	0	0	0
20.706	0	0	0
21.706	0	0	0
22.706	0	0	0
23.707	0	0	0
24.707	0	0	0
25.706	0	0	0
26.706	0	0	0
27.370	0	0	0

6.3.14. [protocol=DNS]

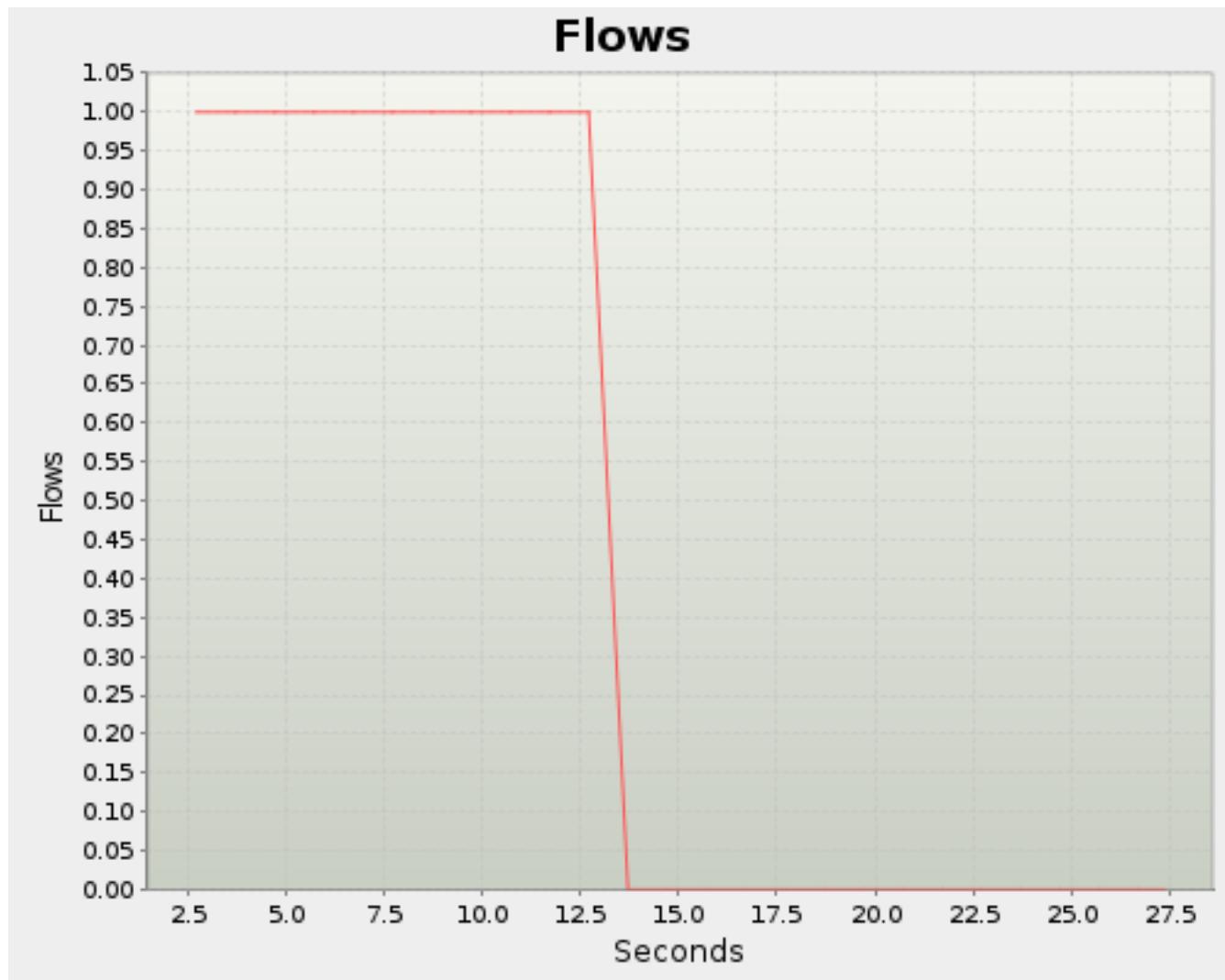
6.3.14.1. Flow translations



time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
2.707	0	0	0	0
3.706	0	0	0	0
4.706	0	0	0	0
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0
25.706	0	0	0	0
26.706	0	0	0	0

time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
27.370	0	0	0	0

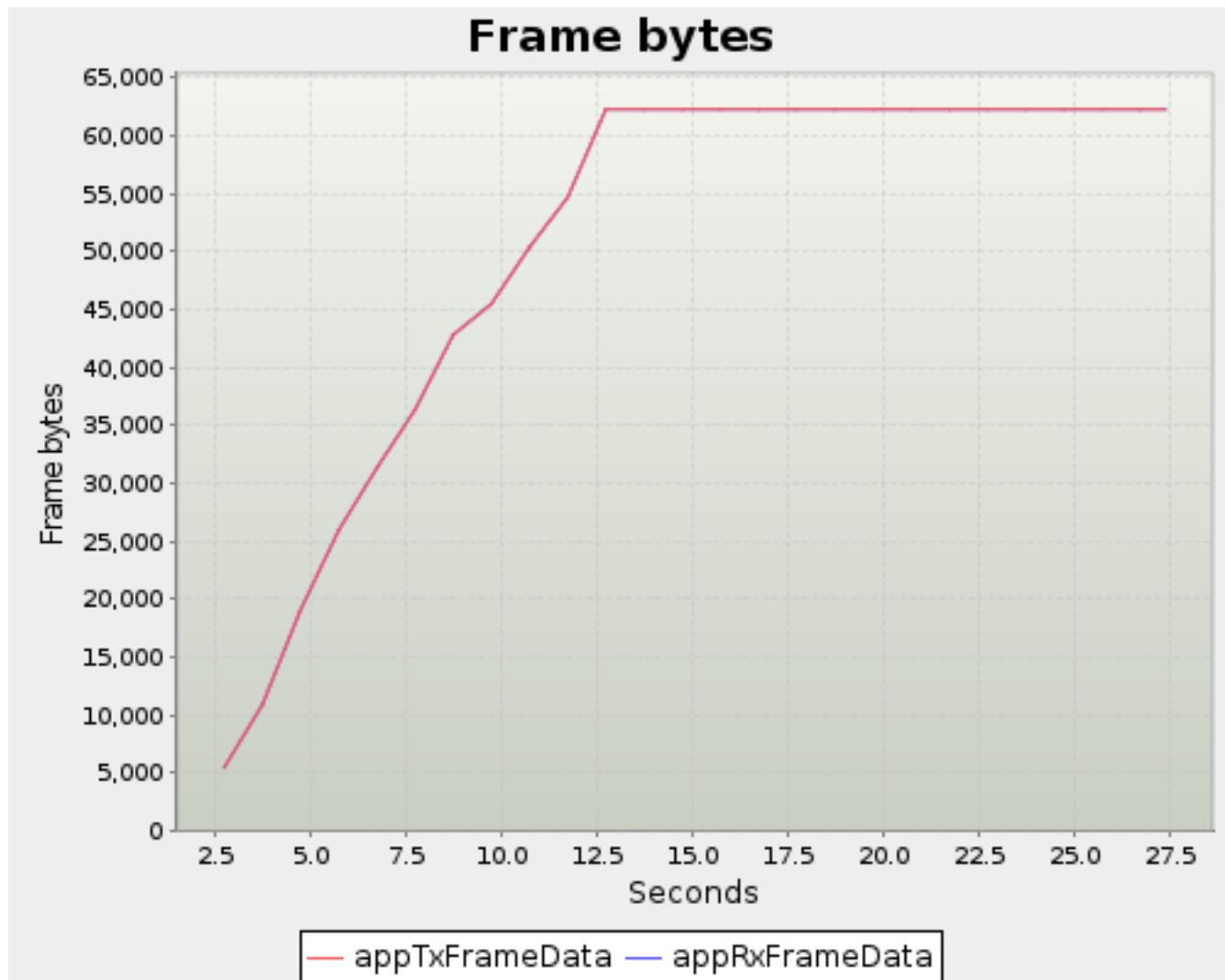
6.3.14.2. Flows



time	concurrentAppFlows
2.707	1
3.706	1
4.706	1
5.706	1
6.706	1
7.707	1
8.706	1
9.706	1
10.706	1
11.706	1
12.706	1
13.707	0
14.706	0
15.706	0
16.707	0
17.706	0
18.706	0
19.706	0
20.706	0
21.706	0
22.706	0
23.707	0
24.707	0
25.706	0
26.706	0

time	concurrentAppFlows
27.370	0

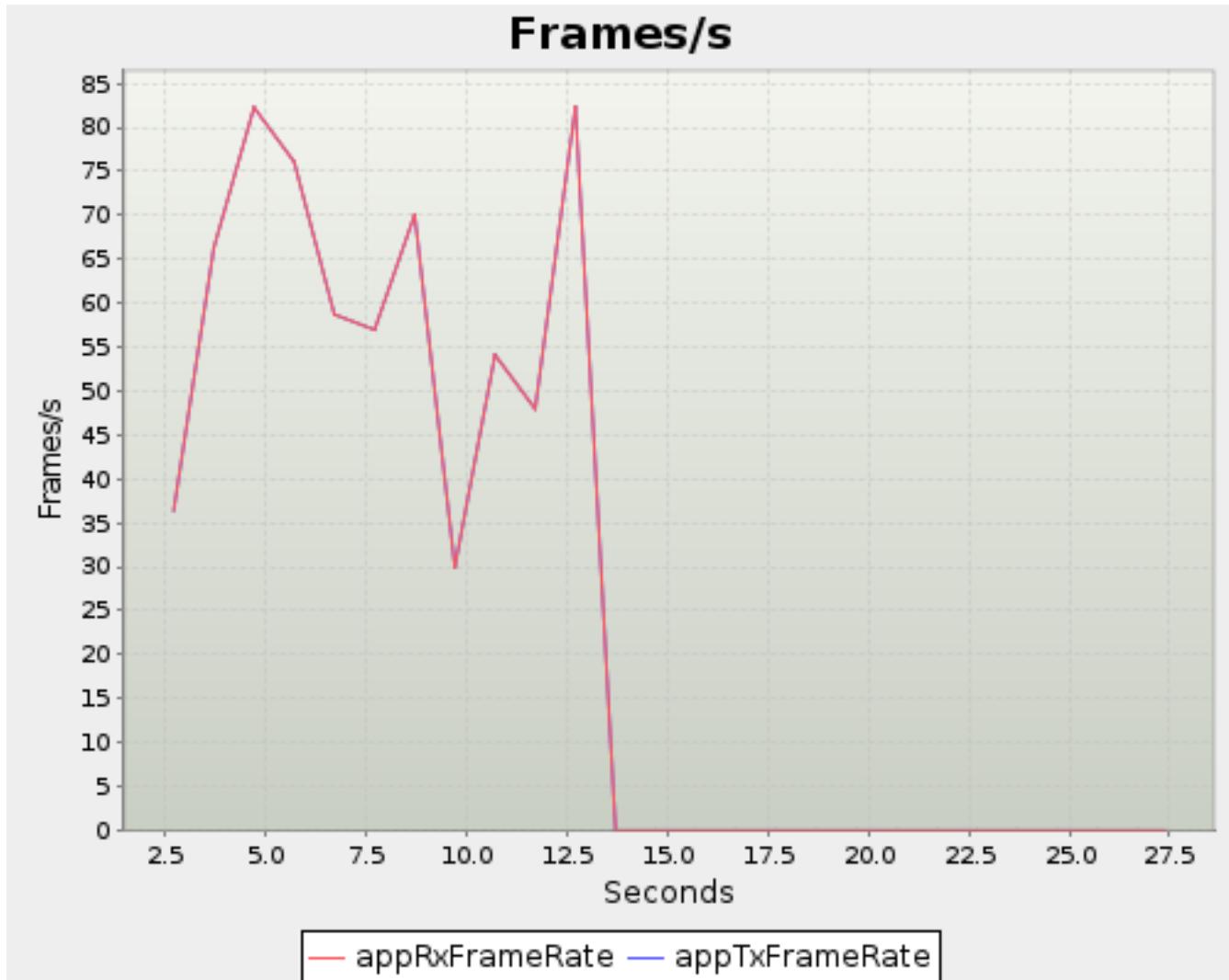
6.3.14.3. Frame bytes



time	appRxFrameData	appTxFrameData
2.707	5,456	5,456
3.706	10,872	10,872
4.706	19,052	19,052
5.706	25,940	25,940
6.706	31,320	31,320
7.707	36,348	36,348
8.706	42,812	42,812
9.706	45,488	45,488
10.706	50,380	50,380
11.706	54,684	54,684
12.706	62,280	62,280
13.707	62,280	62,280
14.706	62,280	62,280
15.706	62,280	62,280
16.707	62,280	62,280
17.706	62,280	62,280
18.706	62,280	62,280
19.706	62,280	62,280
20.706	62,280	62,280
21.706	62,280	62,280
22.706	62,280	62,280
23.707	62,280	62,280
24.707	62,280	62,280
25.706	62,280	62,280
26.706	62,280	62,280

time	appRxFrameData	appTxFrameData
27.370	62,280	62,280

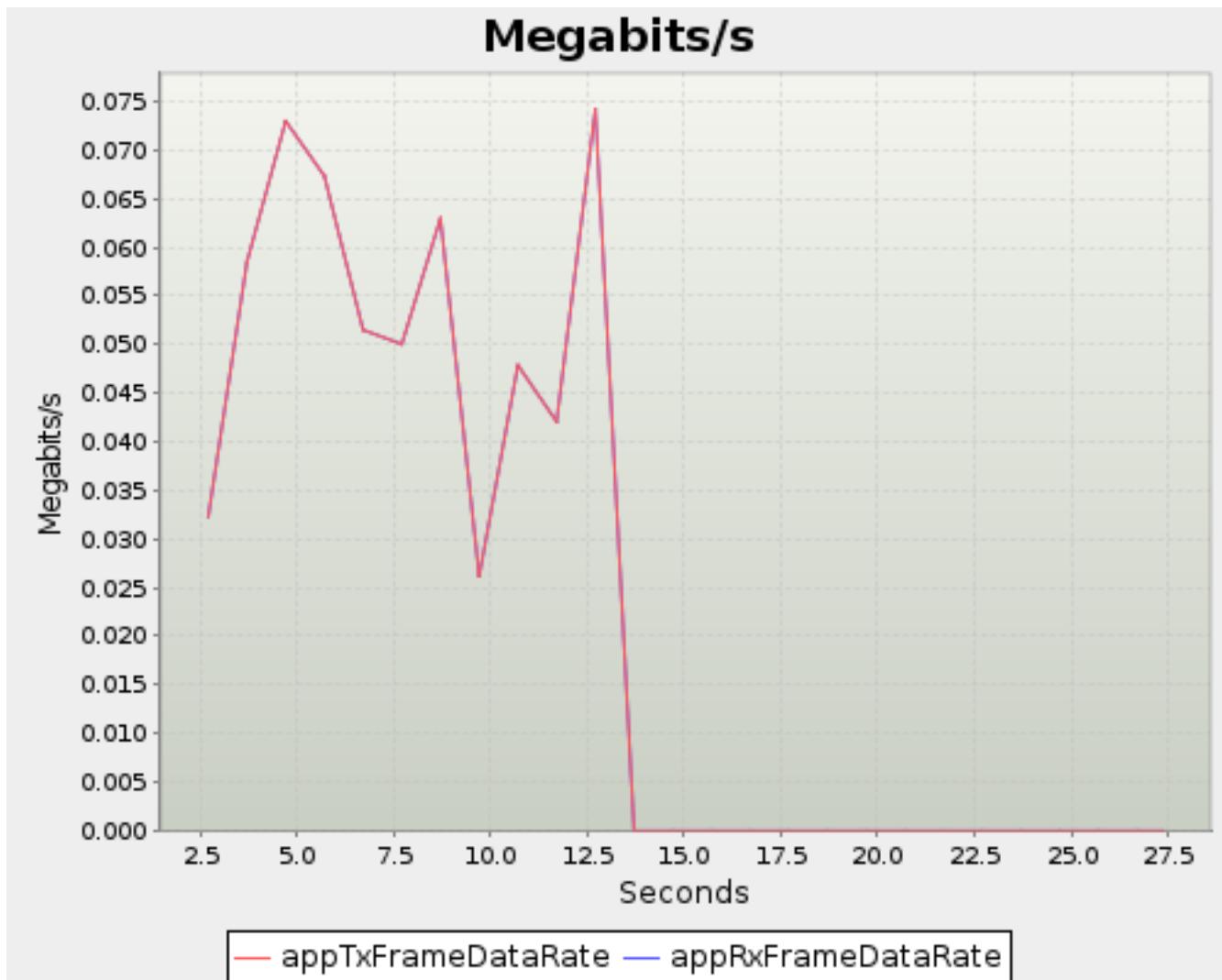
6.3.14.4. Frames/s



time	appRxFrameRate	appTxFrameRate
2.707	36.385688295936916	36.385688295936916
3.706	66.29834254143645	66.29834254143645
4.706	82.26691042047533	82.26691042047533
5.706	76.07607607607608	76.07607607607608
6.706	58.70841487279842	58.70841487279842
7.707	56.96846388606309	56.96846388606309
8.706	70.07007007007	70.07007007007
9.706	29.970029970029916	29.970029970029916
10.706	54.10821643286579	54.10821643286579
11.706	47.95204795204796	47.95204795204796
12.706	82.32931726907641	82.32931726907641
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameRate	appTxFrameRate
27.370	0	0

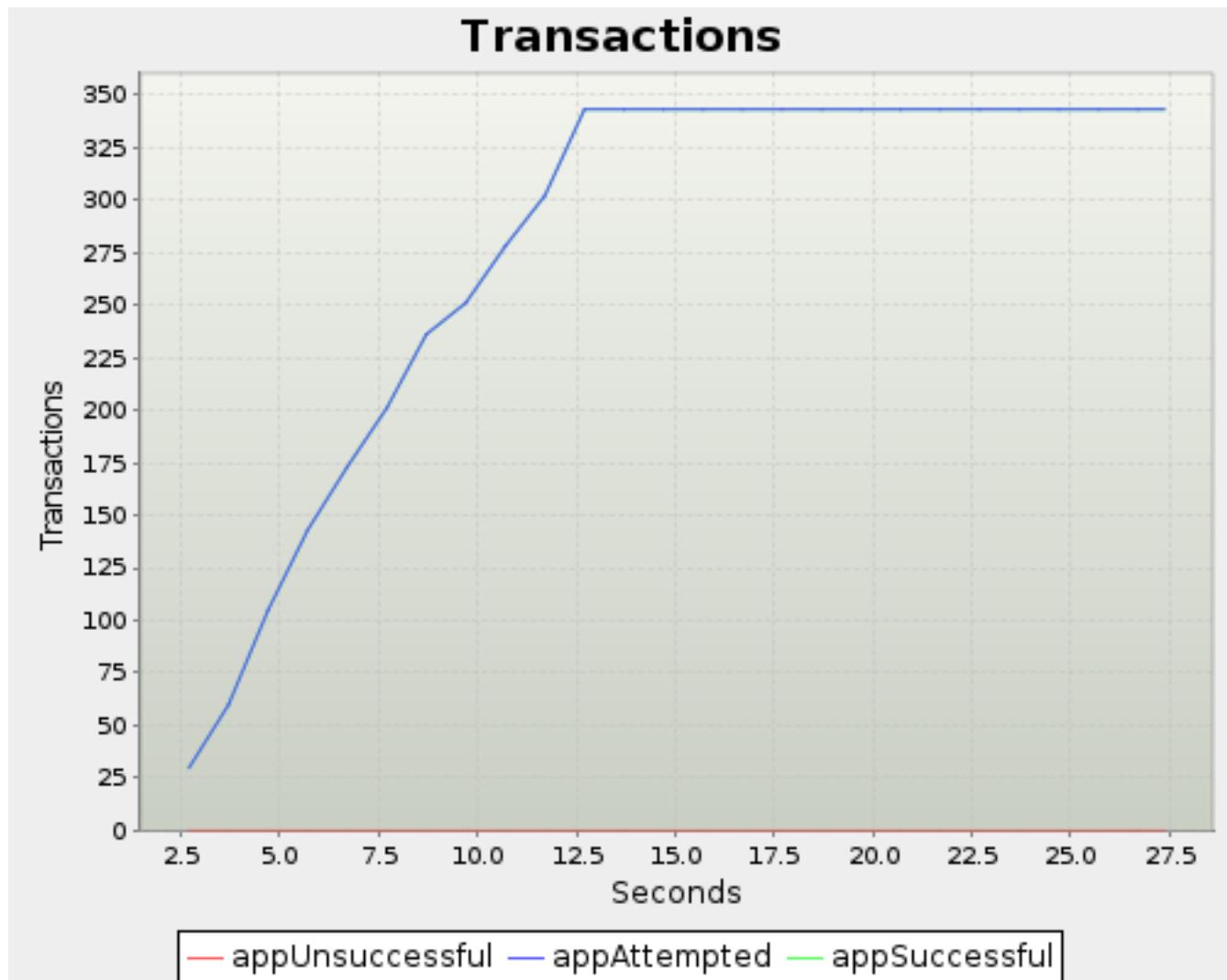
6.3.14.5. Megabits/s



time	appRxFrameDataRate	appTxFrameDataRate
2.707	0.03229	0.03229
3.706	0.05848	0.05848
4.706	0.07298	0.07298
5.706	0.06733	0.06733
6.706	0.05151	0.05151
7.707	0.05003	0.05003
8.706	0.06297	0.06297
9.706	0.02618	0.02618
10.706	0.04787	0.04787
11.706	0.04207	0.04207
12.706	0.07418	0.07418
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameDataRate	appTxFrameDataRate
27.370	0	0

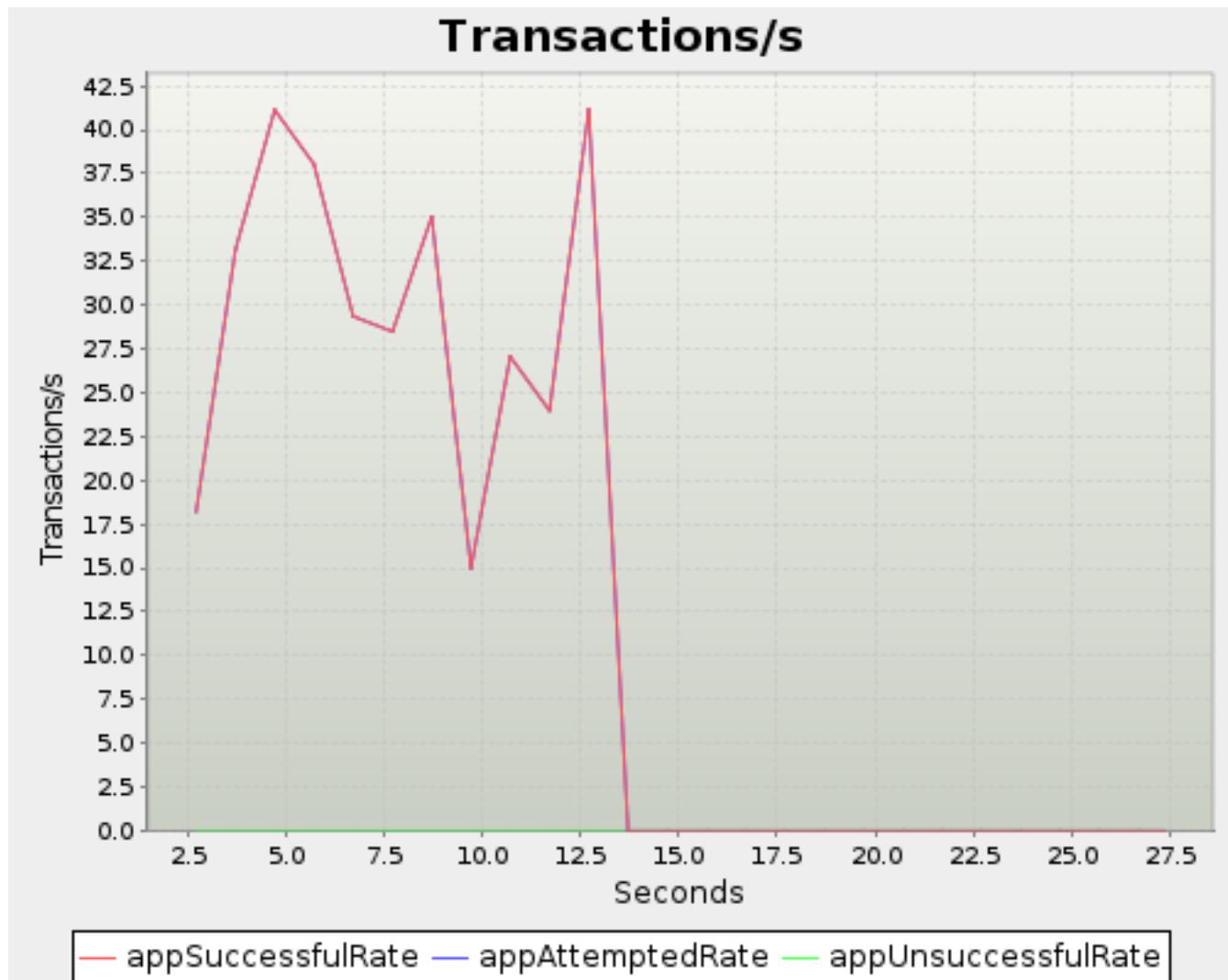
6.3.14.6. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
2.707	30	30	0
3.706	60	60	0
4.706	105	105	0
5.706	143	143	0
6.706	173	173	0
7.707	201	201	0
8.706	236	236	0
9.706	251	251	0
10.706	278	278	0
11.706	302	302	0
12.706	343	343	0
13.707	343	343	0
14.706	343	343	0
15.706	343	343	0
16.707	343	343	0
17.706	343	343	0
18.706	343	343	0
19.706	343	343	0
20.706	343	343	0
21.706	343	343	0
22.706	343	343	0
23.707	343	343	0
24.707	343	343	0
25.706	343	343	0
26.706	343	343	0

time	appAttempted	appSuccessful	appUnsuccessful
27.370	343	343	0

6.3.14.7. Transactions/s

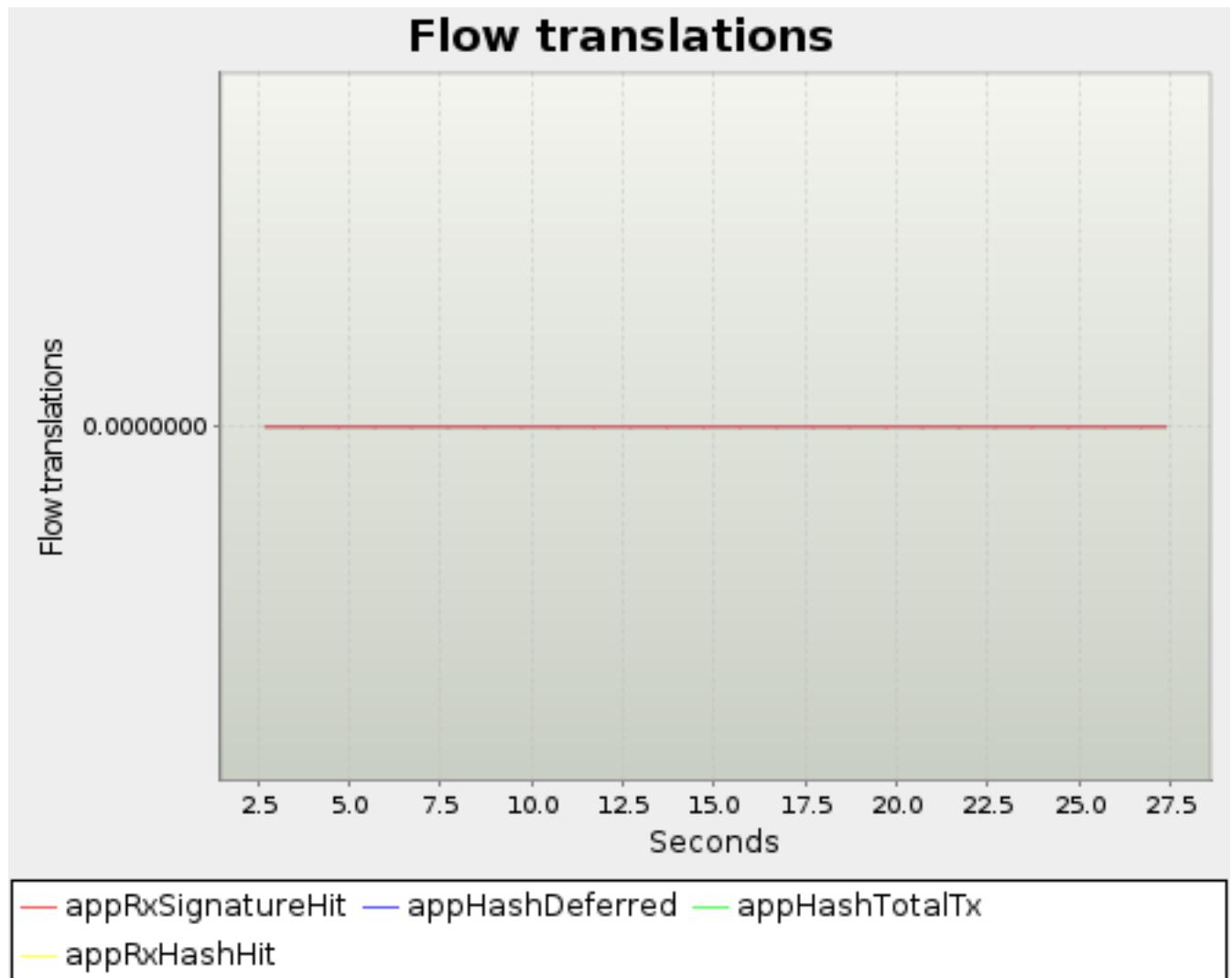


time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
2.707	18.19	18.19	0
3.706	33.15	33.15	0
4.706	41.13	41.13	0
5.706	38.04	38.04	0
6.706	29.35	29.35	0
7.707	28.48	28.48	0
8.706	35.04	35.04	0
9.706	14.99	14.99	0
10.706	27.05	27.05	0
11.706	23.98	23.98	0
12.706	41.16	41.16	0
13.707	0	0	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	0	0	0
18.706	0	0	0
19.706	0	0	0
20.706	0	0	0
21.706	0	0	0
22.706	0	0	0
23.707	0	0	0
24.707	0	0	0
25.706	0	0	0
26.706	0	0	0

time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
27.370	0	0	0

6.3.15. [protocol=FTP]

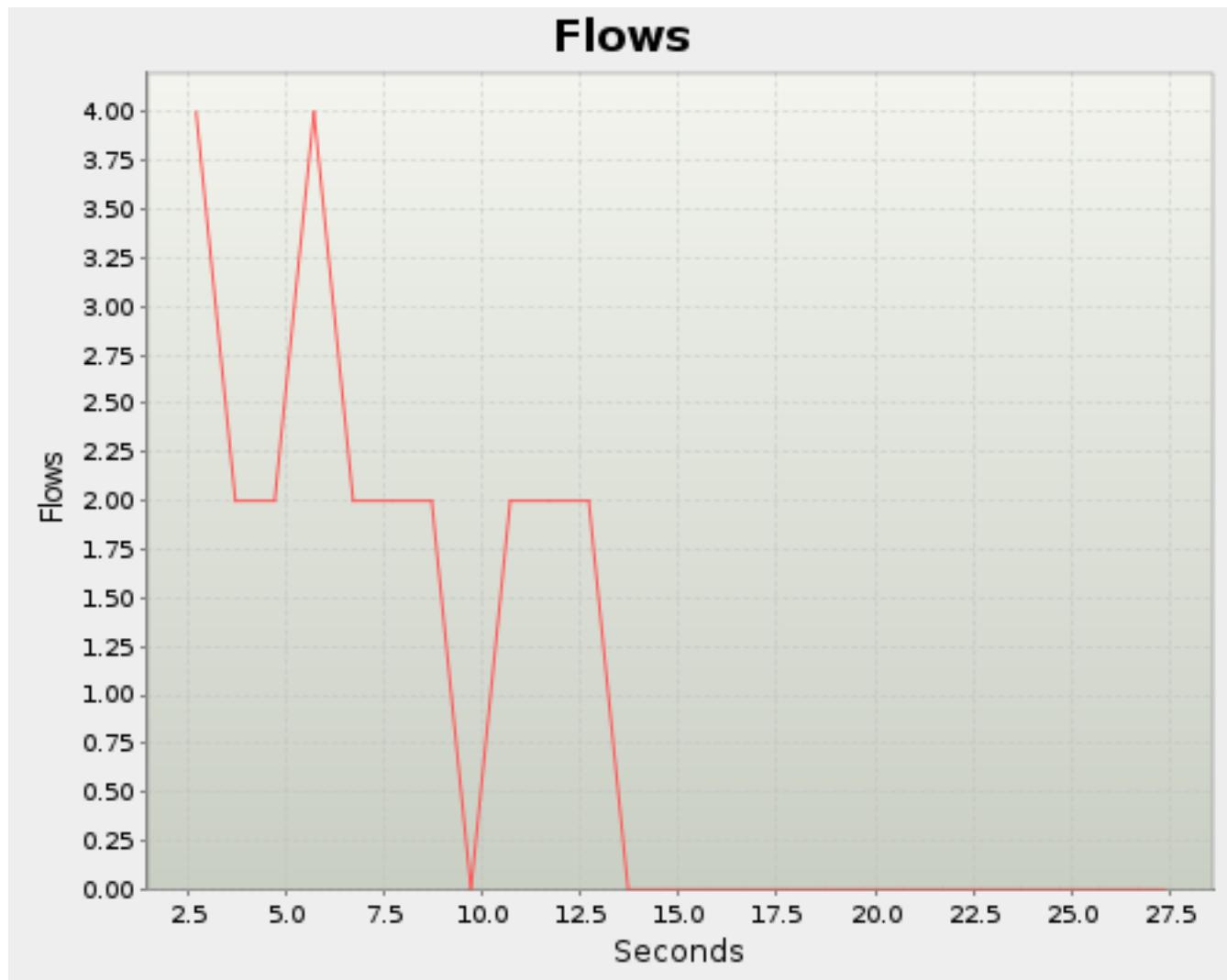
6.3.15.1. Flow translations



time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
2.707	0	0	0	0
3.706	0	0	0	0
4.706	0	0	0	0
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0
25.706	0	0	0	0
26.706	0	0	0	0

time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
27.370	0	0	0	0

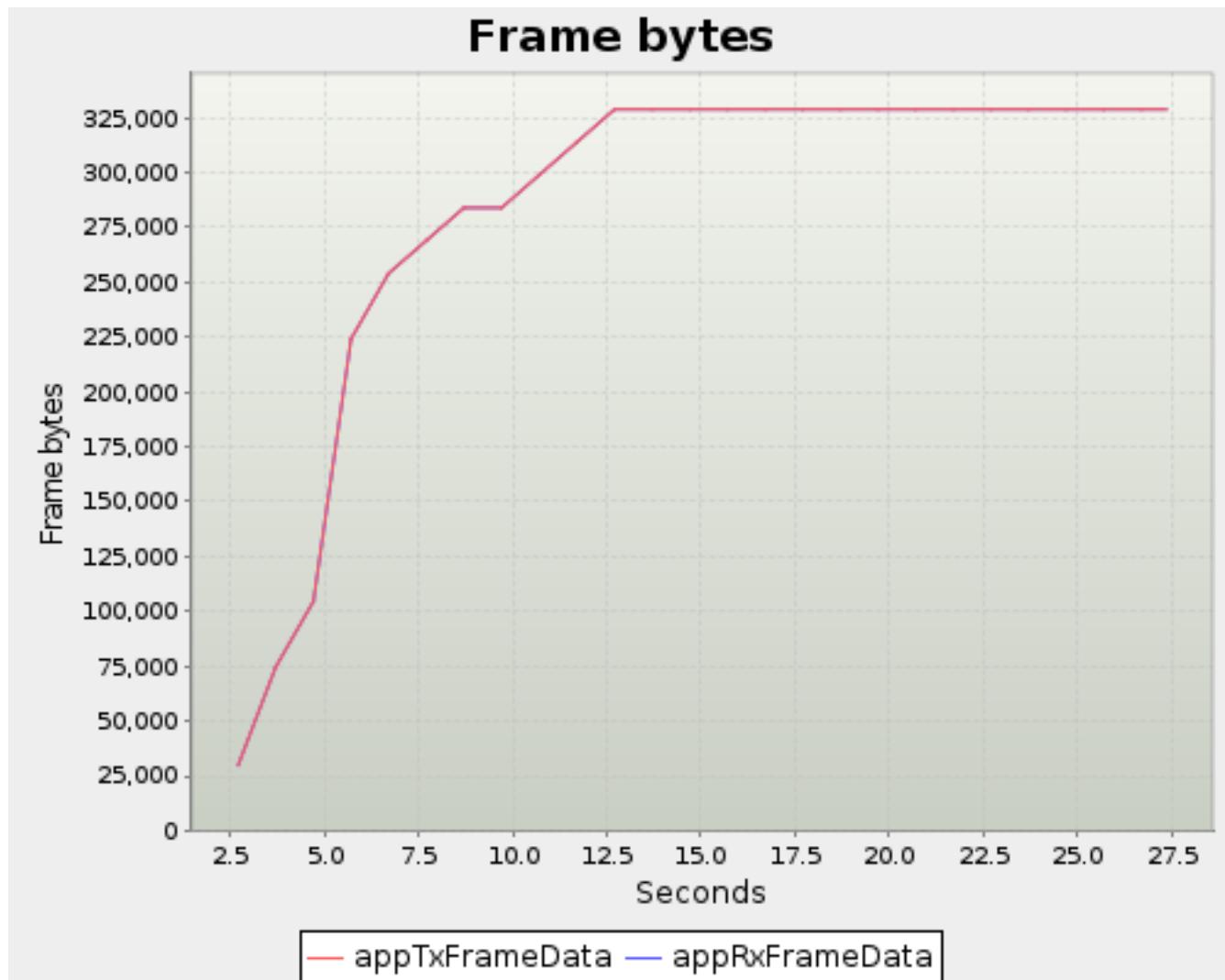
6.3.15.2. Flows



time	concurrentAppFlows
2.707	4
3.706	2
4.706	2
5.706	4
6.706	2
7.707	2
8.706	2
9.706	0
10.706	2
11.706	2
12.706	2
13.707	0
14.706	0
15.706	0
16.707	0
17.706	0
18.706	0
19.706	0
20.706	0
21.706	0
22.706	0
23.707	0
24.707	0
25.706	0
26.706	0

time	concurrentAppFlows
27.370	0

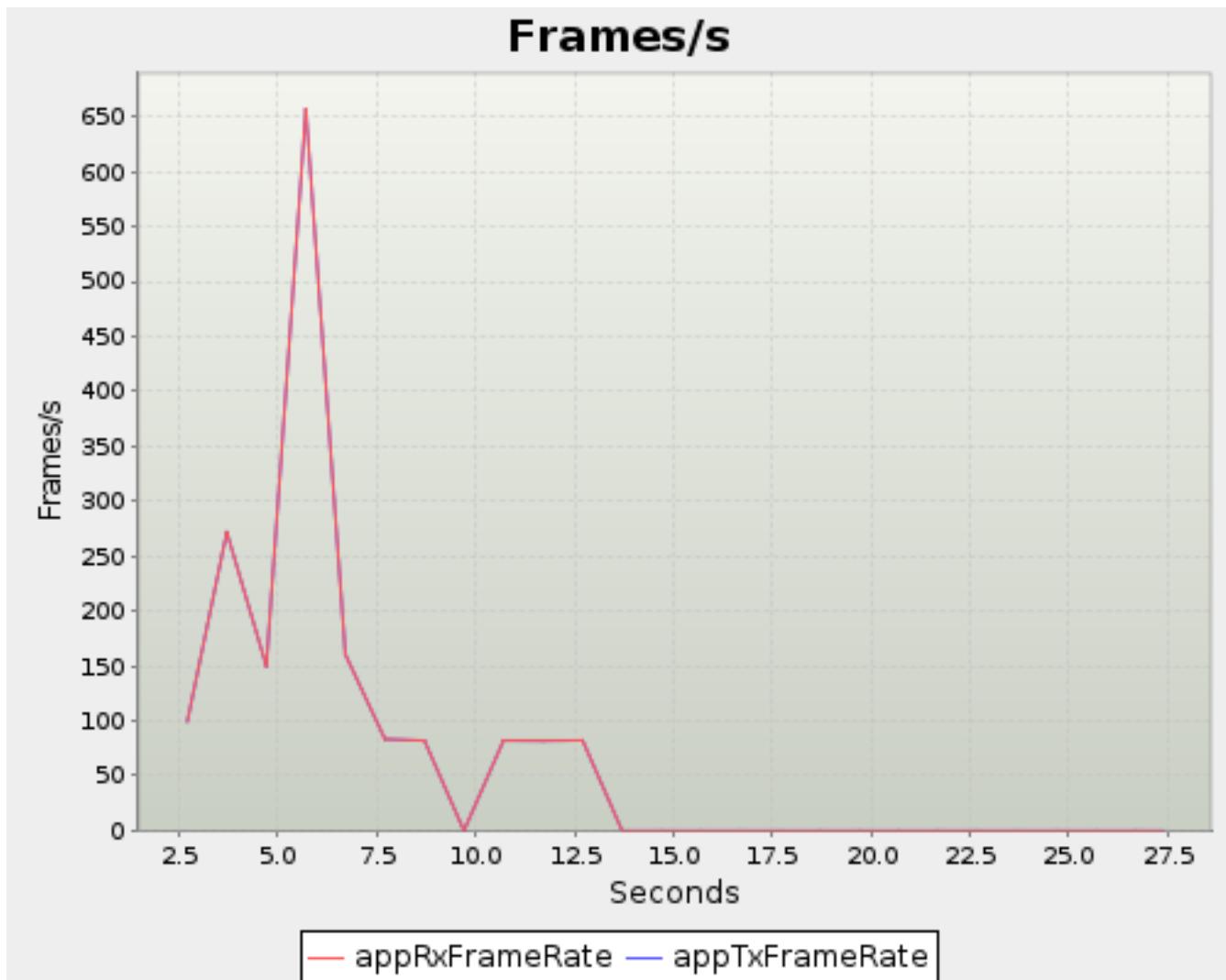
6.3.15.3. Frame bytes



time	appRxFrameData	appTxFrameData
2.707	29,875	29,875
3.706	74,668	74,668
4.706	104,580	104,580
5.706	224,157	224,157
6.706	254,070	254,070
7.707	268,988	268,988
8.706	283,907	283,907
9.706	283,907	283,907
10.706	298,863	298,863
11.706	313,818	313,818
12.706	328,775	328,775
13.707	328,775	328,775
14.706	328,775	328,775
15.706	328,775	328,775
16.707	328,775	328,775
17.706	328,775	328,775
18.706	328,775	328,775
19.706	328,775	328,775
20.706	328,775	328,775
21.706	328,775	328,775
22.706	328,775	328,775
23.707	328,775	328,775
24.707	328,775	328,775
25.706	328,775	328,775
26.706	328,775	328,775

time	appRxFrameData	appTxFrameData
27.370	328,775	328,775

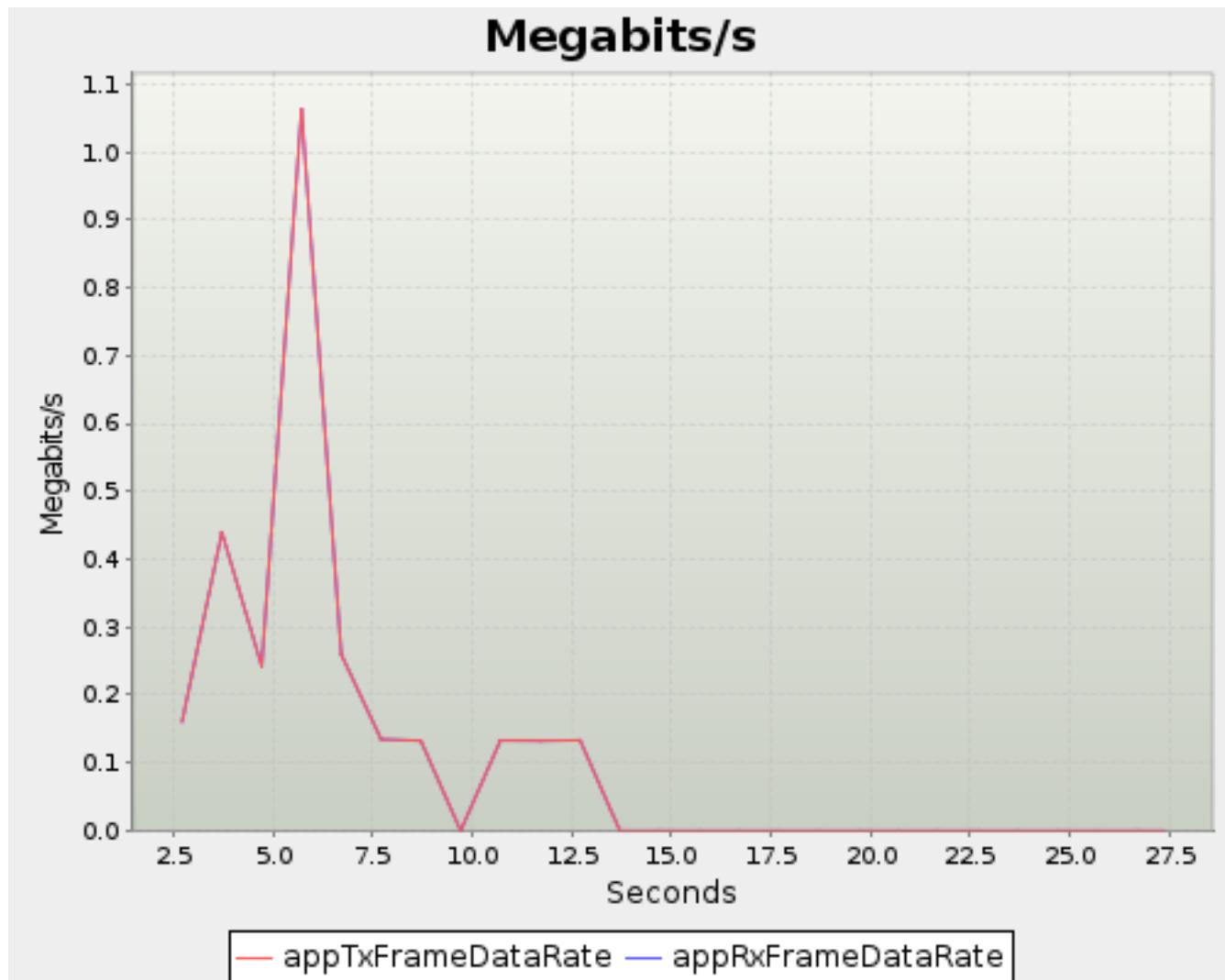
6.3.15.4. Frames/s



time	appRxFrameRate	appTxFrameRate
2.707	99.454214675561	99.454214675561
3.706	271.8232044198896	271.8232044198896
4.706	149.90859232175498	149.90859232175498
5.706	656.6566566566574	656.6566566566574
6.706	160.46966731898237	160.46966731898237
7.707	83.41810783316379	83.41810783316379
8.706	82.082082082082	82.082082082082
9.706	0	0
10.706	82.16432865731468	82.16432865731468
11.706	81.91808191808194	81.91808191808194
12.706	82.32931726907641	82.32931726907641
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameRate	appTxFrameRate
27.370	0	0

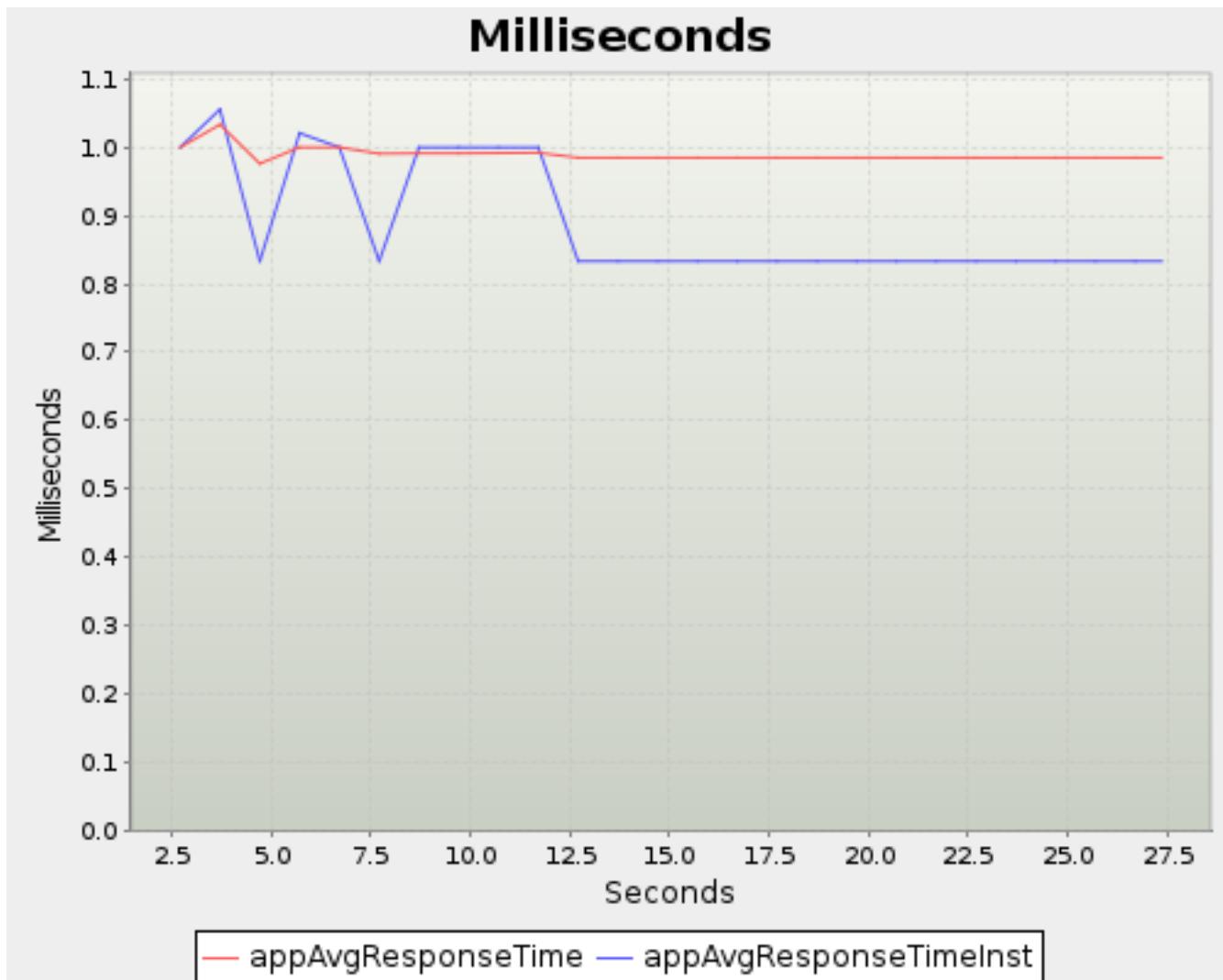
6.3.15.5. Megabits/s



time	appRxFrameDataRate	appTxFrameDataRate
2.707	0.1608	0.1608
3.706	0.4395	0.4395
4.706	0.2427	0.2427
5.706	1.063	1.063
6.706	0.2598	0.2598
7.707	0.1348	0.1348
8.706	0.1326	0.1326
9.706	0	0
10.706	0.133	0.133
11.706	0.1326	0.1326
12.706	0.1333	0.1333
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameDataRate	appTxFrameDataRate
27.370	0	0

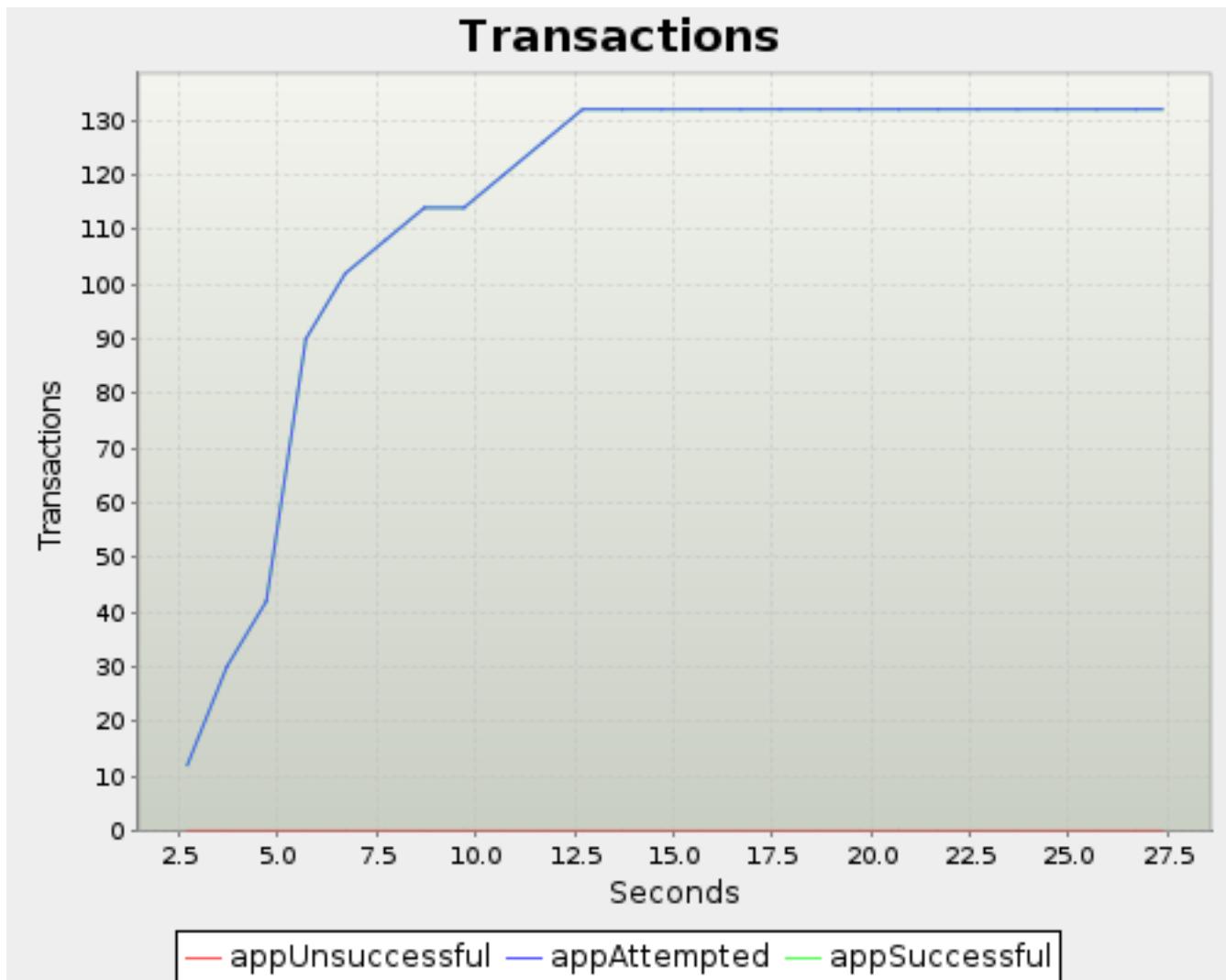
6.3.15.6. Milliseconds



time	appAvgResponseTime	appAvgResponseTimeInst
2.707	1	1
3.706	1.033333333333334	1.0555555555555556
4.706	0.9761904761904762	0.833333333333334
5.706	1	1.020833333333333
6.706	1	1
7.707	0.9907407407407407	0.833333333333334
8.706	0.9912280701754386	1
9.706	0.9912280701754386	1
10.706	0.9916666666666667	1
11.706	0.9920634920634921	1
12.706	0.9848484848484849	0.833333333333334
13.707	0.9848484848484849	0.833333333333334
14.706	0.9848484848484849	0.833333333333334
15.706	0.9848484848484849	0.833333333333334
16.707	0.9848484848484849	0.833333333333334
17.706	0.9848484848484849	0.833333333333334
18.706	0.9848484848484849	0.833333333333334
19.706	0.9848484848484849	0.833333333333334
20.706	0.9848484848484849	0.833333333333334
21.706	0.9848484848484849	0.833333333333334
22.706	0.9848484848484849	0.833333333333334
23.707	0.9848484848484849	0.833333333333334
24.707	0.9848484848484849	0.833333333333334
25.706	0.9848484848484849	0.833333333333334
26.706	0.9848484848484849	0.833333333333334

time	appAvgResponseTime	appAvgResponseTimelnst
27.370	0.98484848484849	0.83333333333334

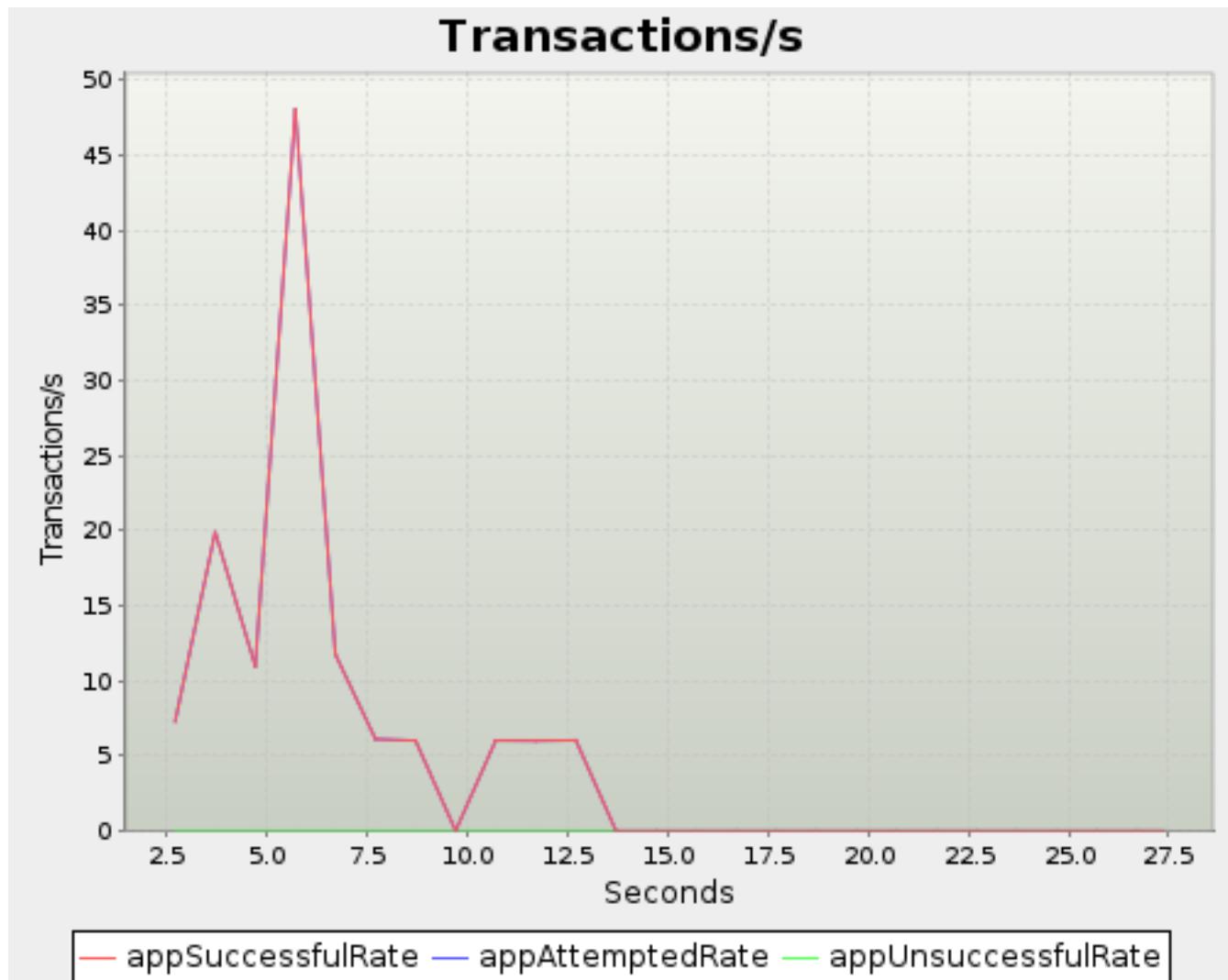
6.3.15.7. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
2.707	12	12	0
3.706	30	30	0
4.706	42	42	0
5.706	90	90	0
6.706	102	102	0
7.707	108	108	0
8.706	114	114	0
9.706	114	114	0
10.706	120	120	0
11.706	126	126	0
12.706	132	132	0
13.707	132	132	0
14.706	132	132	0
15.706	132	132	0
16.707	132	132	0
17.706	132	132	0
18.706	132	132	0
19.706	132	132	0
20.706	132	132	0
21.706	132	132	0
22.706	132	132	0
23.707	132	132	0
24.707	132	132	0
25.706	132	132	0
26.706	132	132	0

time	appAttempted	appSuccessful	appUnsuccessful
27.370	132	132	0

6.3.15.8. Transactions/s

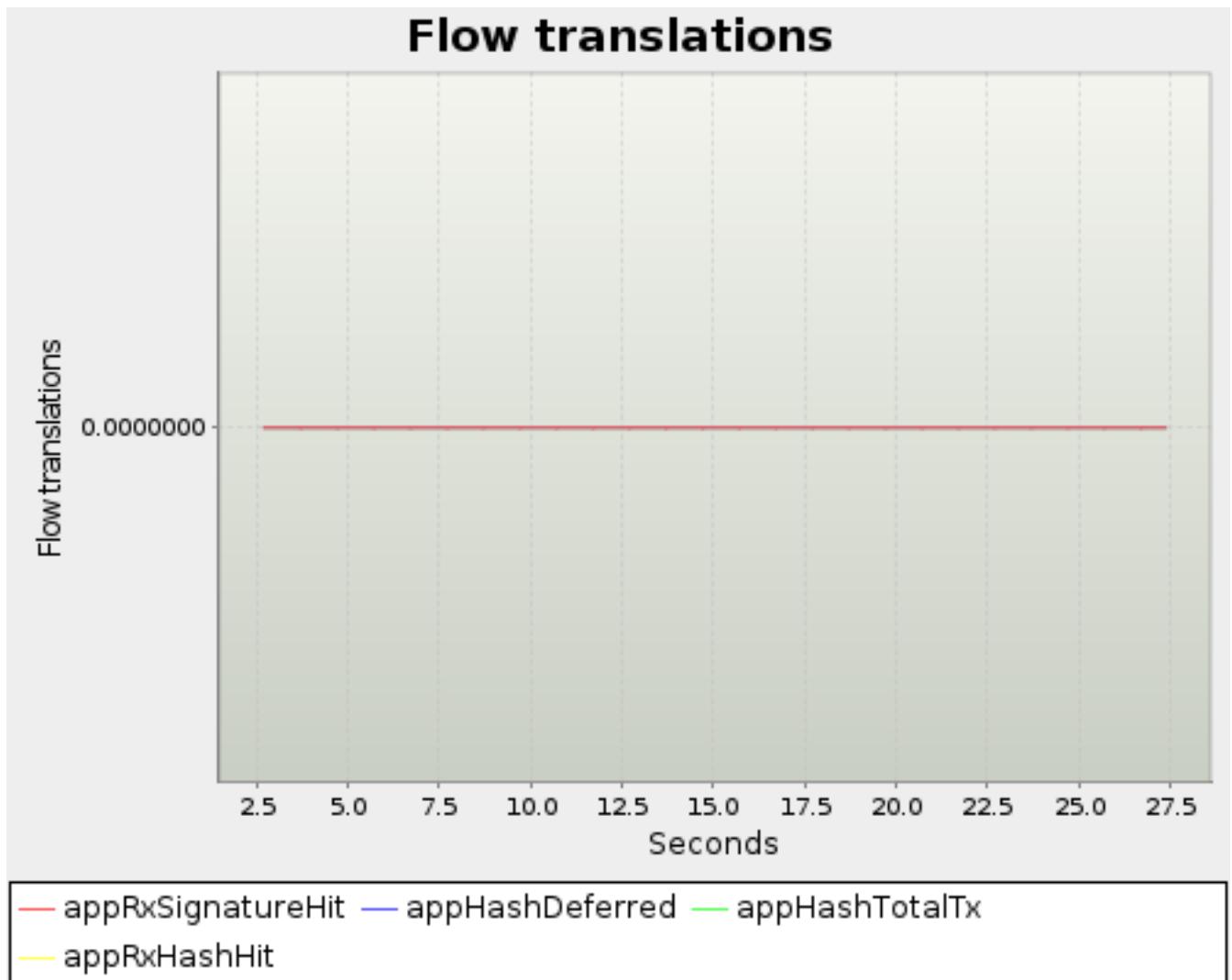


time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
2.707	7.277	7.277	0
3.706	19.89	19.89	0
4.706	10.97	10.97	0
5.706	48.05	48.05	0
6.706	11.74	11.74	0
7.707	6.104	6.104	0
8.706	6.006	6.006	0
9.706	0	0	0
10.706	6.012	6.012	0
11.706	5.994	5.994	0
12.706	6.024	6.024	0
13.707	0	0	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	0	0	0
18.706	0	0	0
19.706	0	0	0
20.706	0	0	0
21.706	0	0	0
22.706	0	0	0
23.707	0	0	0
24.707	0	0	0
25.706	0	0	0
26.706	0	0	0

time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
27.370	0	0	0

6.3.16. [protocol=HTTP]

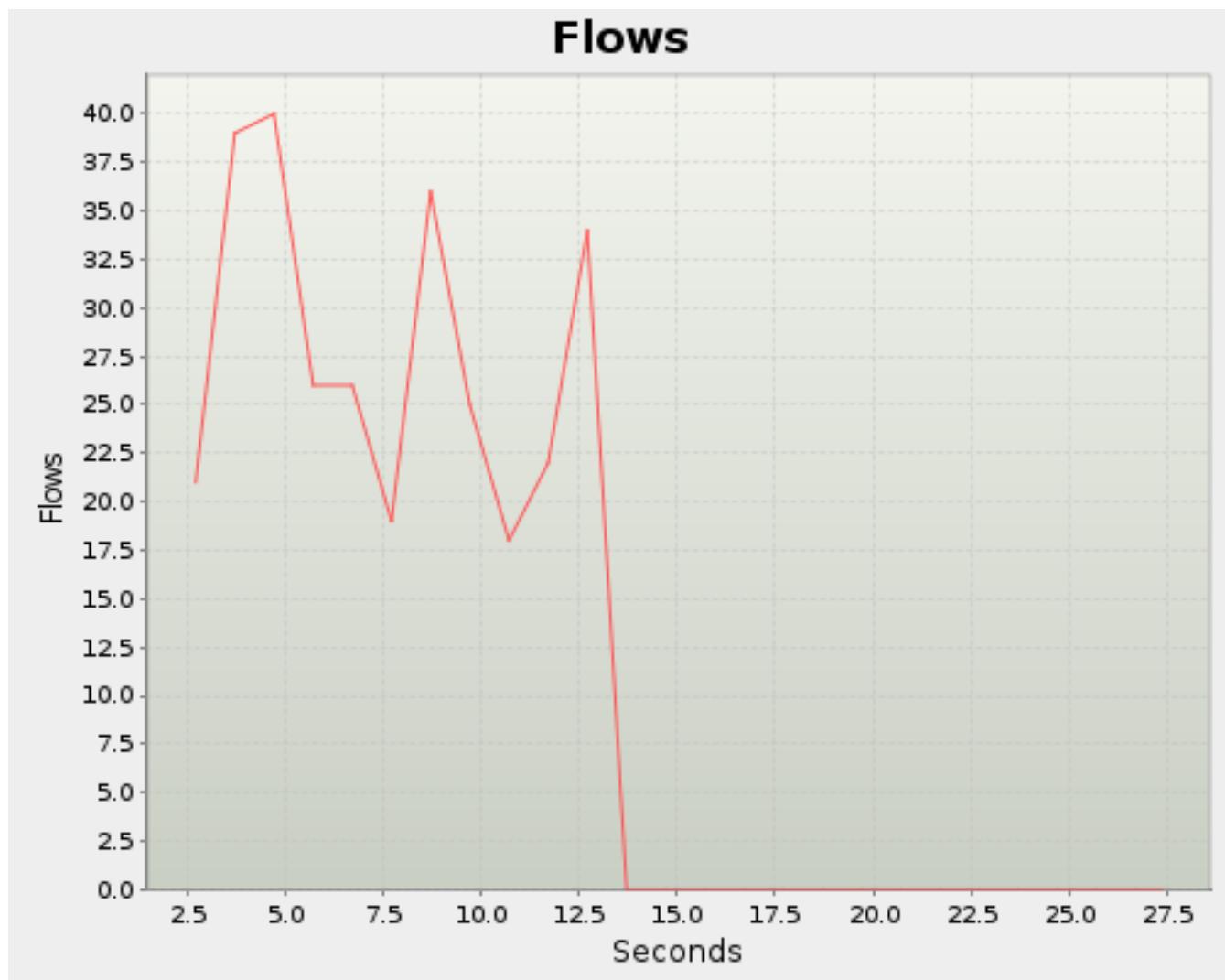
6.3.16.1. Flow translations



time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
2.707	0	0	0	0
3.706	0	0	0	0
4.706	0	0	0	0
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0
25.706	0	0	0	0
26.706	0	0	0	0

time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
27.370	0	0	0	0

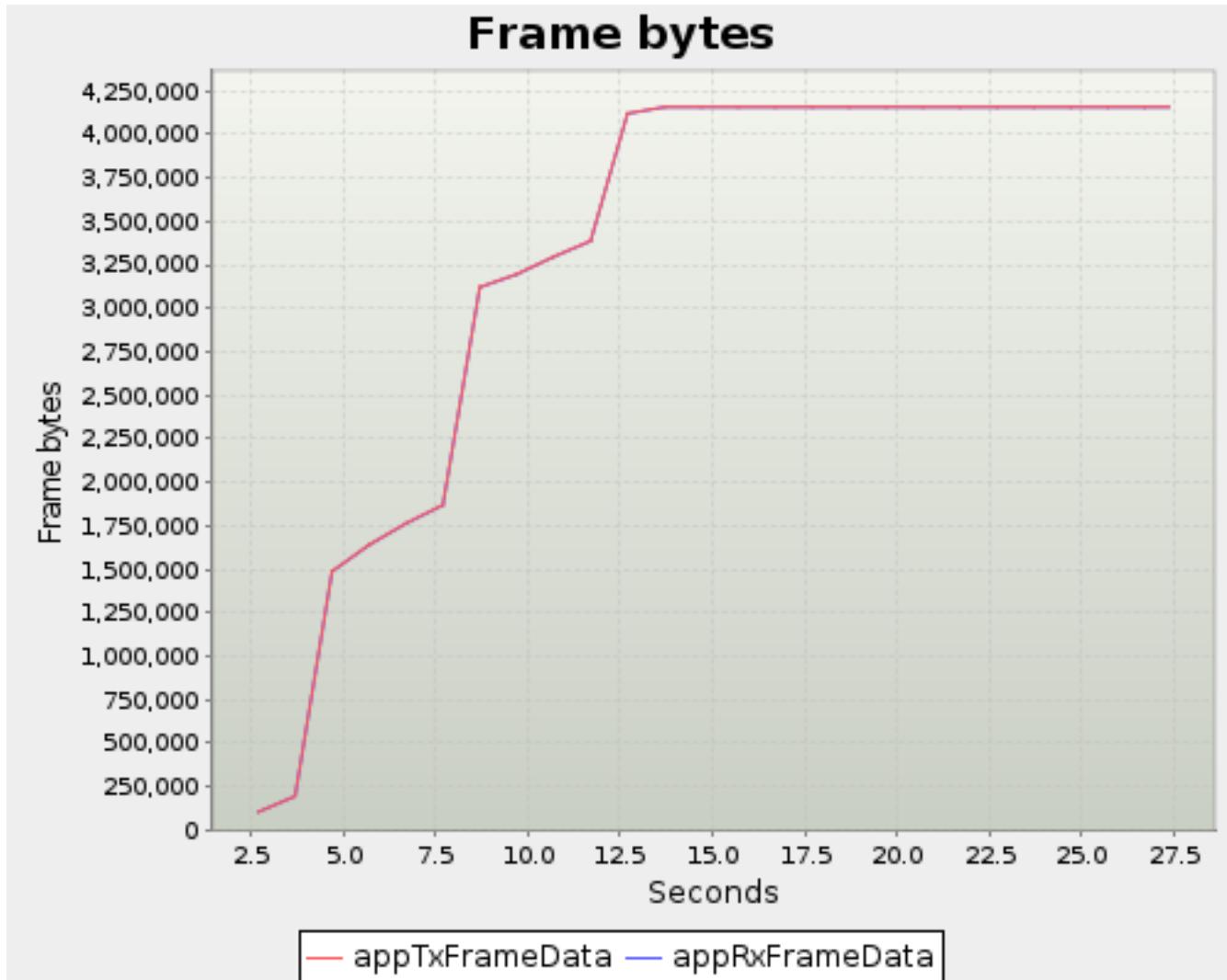
6.3.16.2. Flows



time	concurrentAppFlows
2.707	21
3.706	39
4.706	40
5.706	26
6.706	26
7.707	19
8.706	36
9.706	25
10.706	18
11.706	22
12.706	34
13.707	0
14.706	0
15.706	0
16.707	0
17.706	0
18.706	0
19.706	0
20.706	0
21.706	0
22.706	0
23.707	0
24.707	0
25.706	0
26.706	0

time	concurrentAppFlows
27.370	0

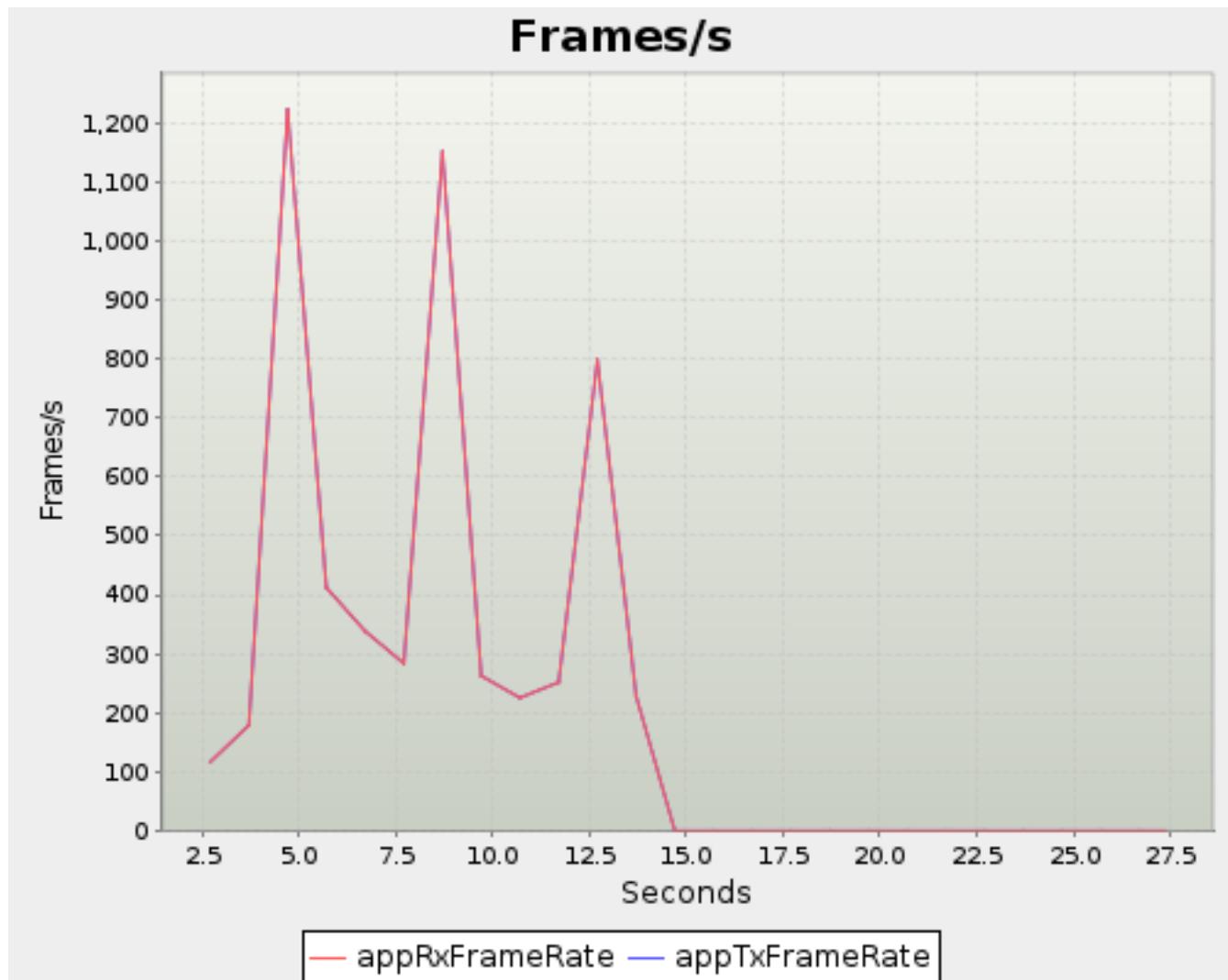
6.3.16.3. Frame bytes



time	appRxFrameData	appTxFrameData
2.707	105,576	105,576
3.706	195,900	195,900
4.706	1,487,293	1,488,807
5.706	1,639,365	1,640,879
6.706	1,762,957	1,764,471
7.707	1,868,603	1,870,117
8.706	3,120,466	3,121,980
9.706	3,195,008	3,196,522
10.706	3,295,502	3,297,016
11.706	3,386,094	3,387,608
12.706	4,118,697	4,120,211
13.707	4,155,987	4,157,501
14.706	4,155,987	4,157,501
15.706	4,155,987	4,157,501
16.707	4,155,987	4,157,501
17.706	4,155,987	4,157,501
18.706	4,155,987	4,157,501
19.706	4,155,987	4,157,501
20.706	4,155,987	4,157,501
21.706	4,155,987	4,157,501
22.706	4,155,987	4,157,501
23.707	4,155,987	4,157,501
24.707	4,155,987	4,157,501
25.706	4,155,987	4,157,501
26.706	4,155,987	4,157,501

time	appRxFrameData	appTxFrameData
27.370	4,155,987	4,157,501

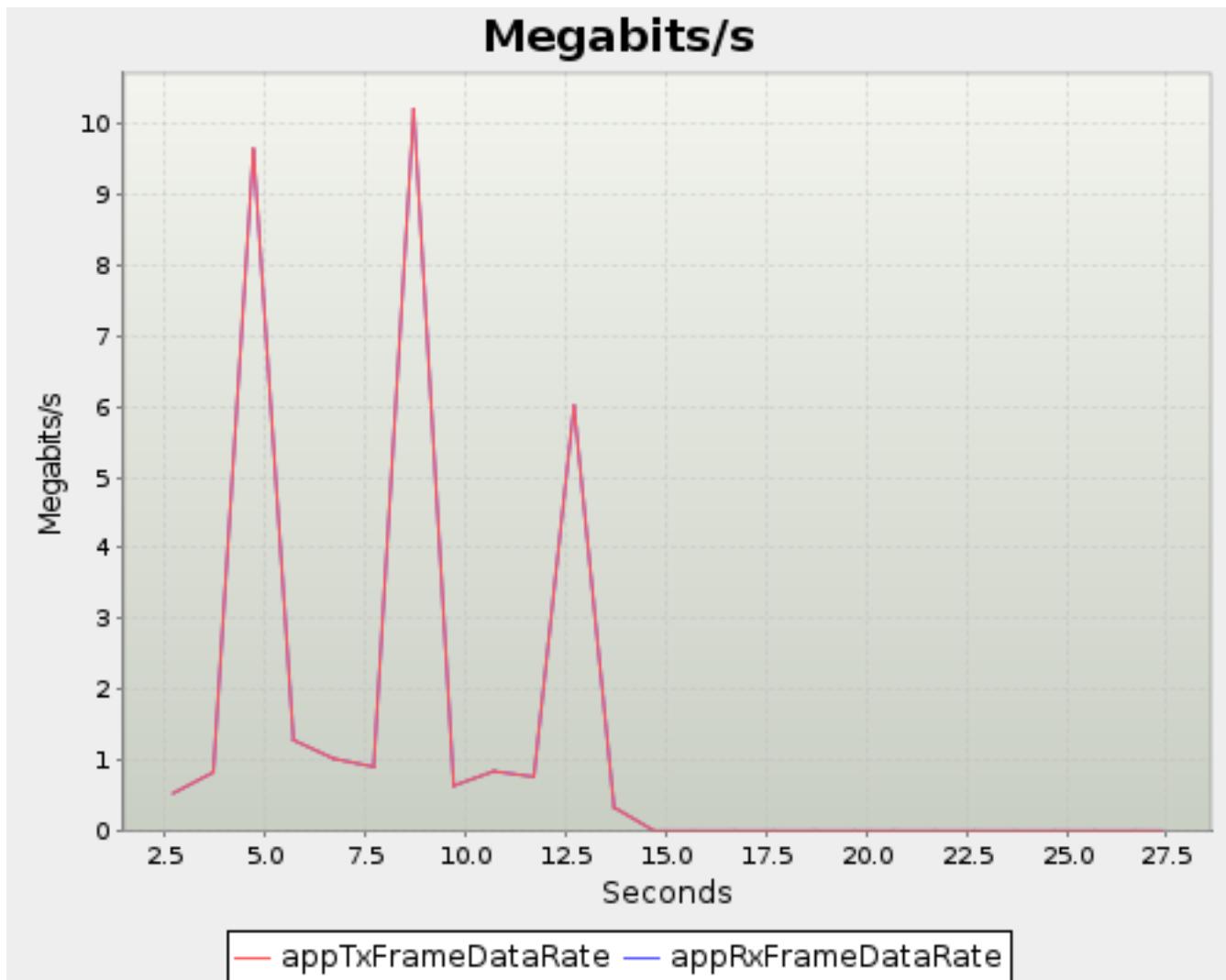
6.3.16.4. Frames/s



time	appRxFrameRate	appTxFrameRate
2.707	116.43420254699821	116.43420254699821
3.706	179.00552486187837	179.00552486187837
4.706	1,222.120658135283	1,223.0347349177323
5.706	412.41241241241255	412.41241241241255
6.706	338.5518590998043	338.5518590998043
7.707	283.82502543235006	283.82502543235006
8.706	1,151.1511511511505	1,151.1511511511505
9.706	262.7372627372623	262.7372627372623
10.706	225.45090180360742	225.45090180360742
11.706	251.7482517482518	251.7482517482518
12.706	798.1927710843385	798.1927710843385
13.707	228.2608695652169	228.2608695652169
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameRate	appTxFrameRate
27.370	0	0

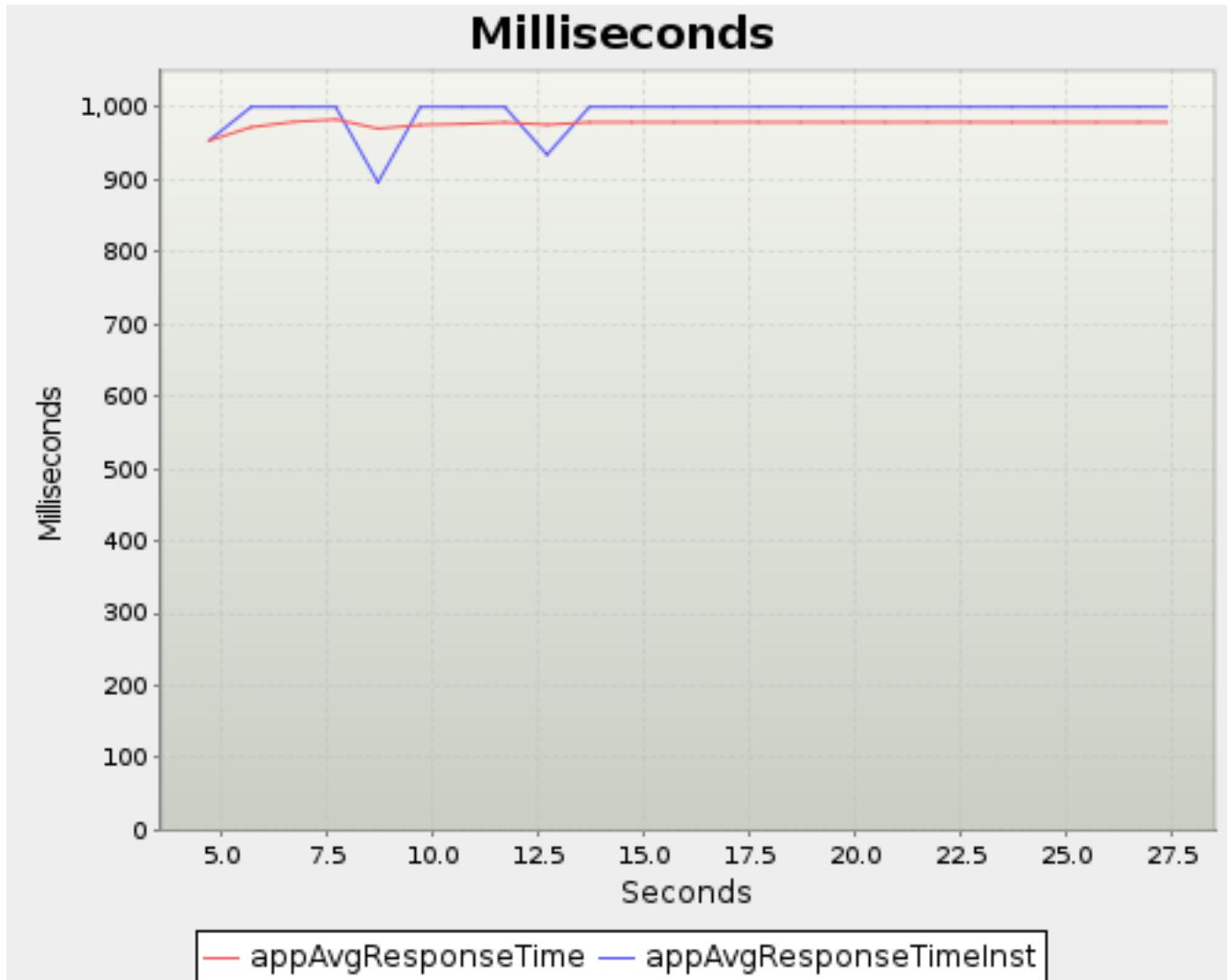
6.3.16.5. Megabits/s



time	appRxFrameDataRate	appTxFrameDataRate
2.707	0.5308	0.5308
3.706	0.8271	0.8271
4.706	9.639	9.65
5.706	1.284	1.284
6.706	1.022	1.022
7.707	0.9052	0.9052
8.706	10.21	10.21
9.706	0.6378	0.6378
10.706	0.8416	0.8416
11.706	0.7643	0.7643
12.706	6.012	6.012
13.707	0.3313	0.3313
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameDataRate	appTxFrameDataRate
27.370	0	0

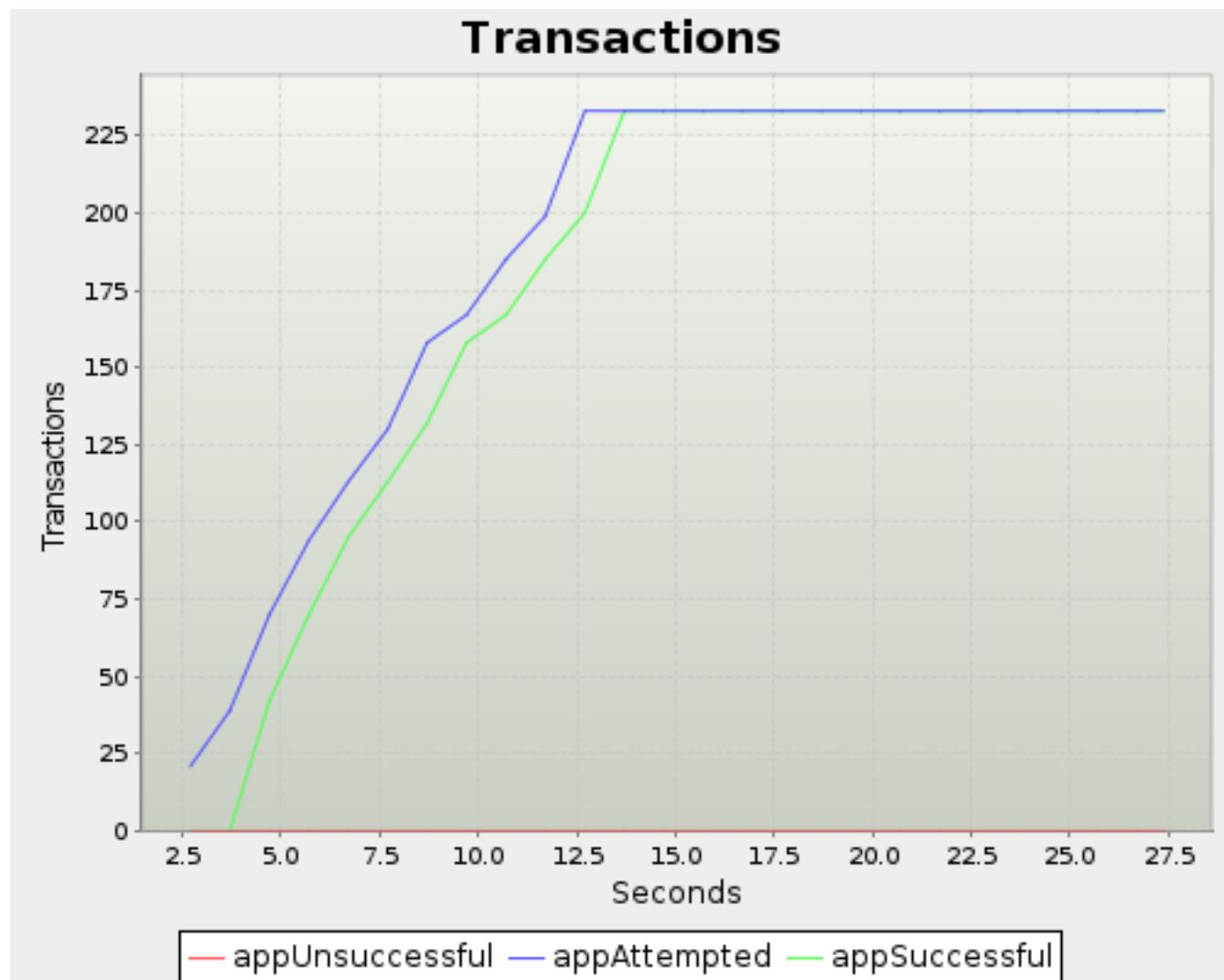
6.3.16.6. Milliseconds



time	appAvgResponseTime	appAvgResponseTimeInst
2.707		
3.706		
4.706	953.3571428571429	953.3571428571429
5.706	972.0285714285715	1,000.0357142857143
6.706	979.4	1,000.04
7.707	982.6814159292036	1,000
8.706	970.1439393939394	895.578947368421
9.706	975.0632911392405	1,000.0384615384615
10.706	976.4071856287425	1,000
11.706	978.7027027027027	1,000
12.706	975.345	933.9333333333333
13.707	978.8412017167382	1,000.03030303030303
14.706	978.8412017167382	1,000.03030303030303
15.706	978.8412017167382	1,000.03030303030303
16.707	978.8412017167382	1,000.03030303030303
17.706	978.8412017167382	1,000.03030303030303
18.706	978.8412017167382	1,000.03030303030303
19.706	978.8412017167382	1,000.03030303030303
20.706	978.8412017167382	1,000.03030303030303
21.706	978.8412017167382	1,000.03030303030303
22.706	978.8412017167382	1,000.03030303030303
23.707	978.8412017167382	1,000.03030303030303
24.707	978.8412017167382	1,000.03030303030303
25.706	978.8412017167382	1,000.03030303030303
26.706	978.8412017167382	1,000.03030303030303

time	appAvgResponseTime	appAvgResponseTimelnst
27.370	978.8412017167382	1,000.030303030303

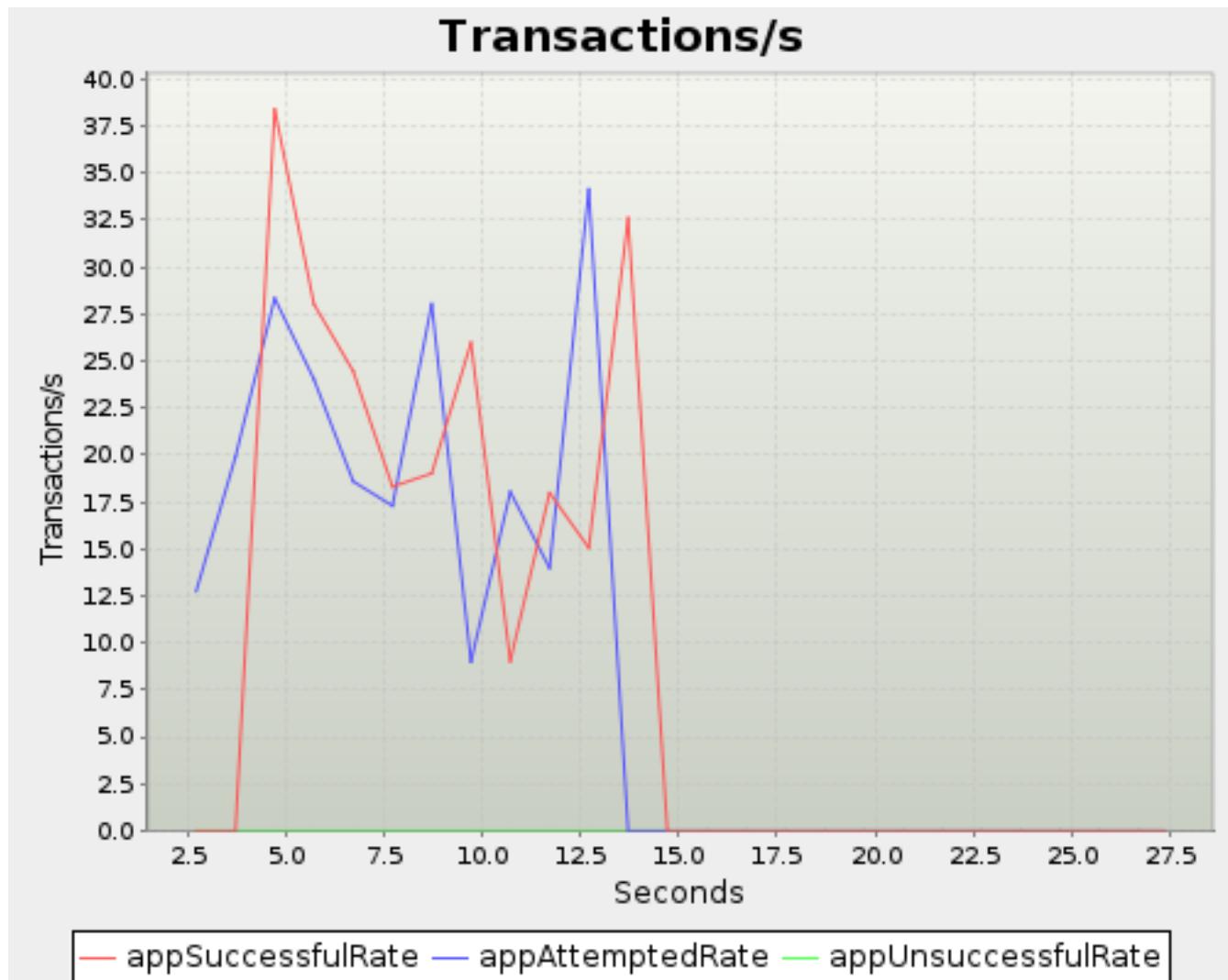
6.3.16.7. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
2.707	21	0	0
3.706	39	0	0
4.706	70	42	0
5.706	94	70	0
6.706	113	95	0
7.707	130	113	0
8.706	158	132	0
9.706	167	158	0
10.706	185	167	0
11.706	199	185	0
12.706	233	200	0
13.707	233	233	0
14.706	233	233	0
15.706	233	233	0
16.707	233	233	0
17.706	233	233	0
18.706	233	233	0
19.706	233	233	0
20.706	233	233	0
21.706	233	233	0
22.706	233	233	0
23.707	233	233	0
24.707	233	233	0
25.706	233	233	0
26.706	233	233	0

time	appAttempted	appSuccessful	appUnsuccessful
27.370	233	233	0

6.3.16.8. Transactions/s

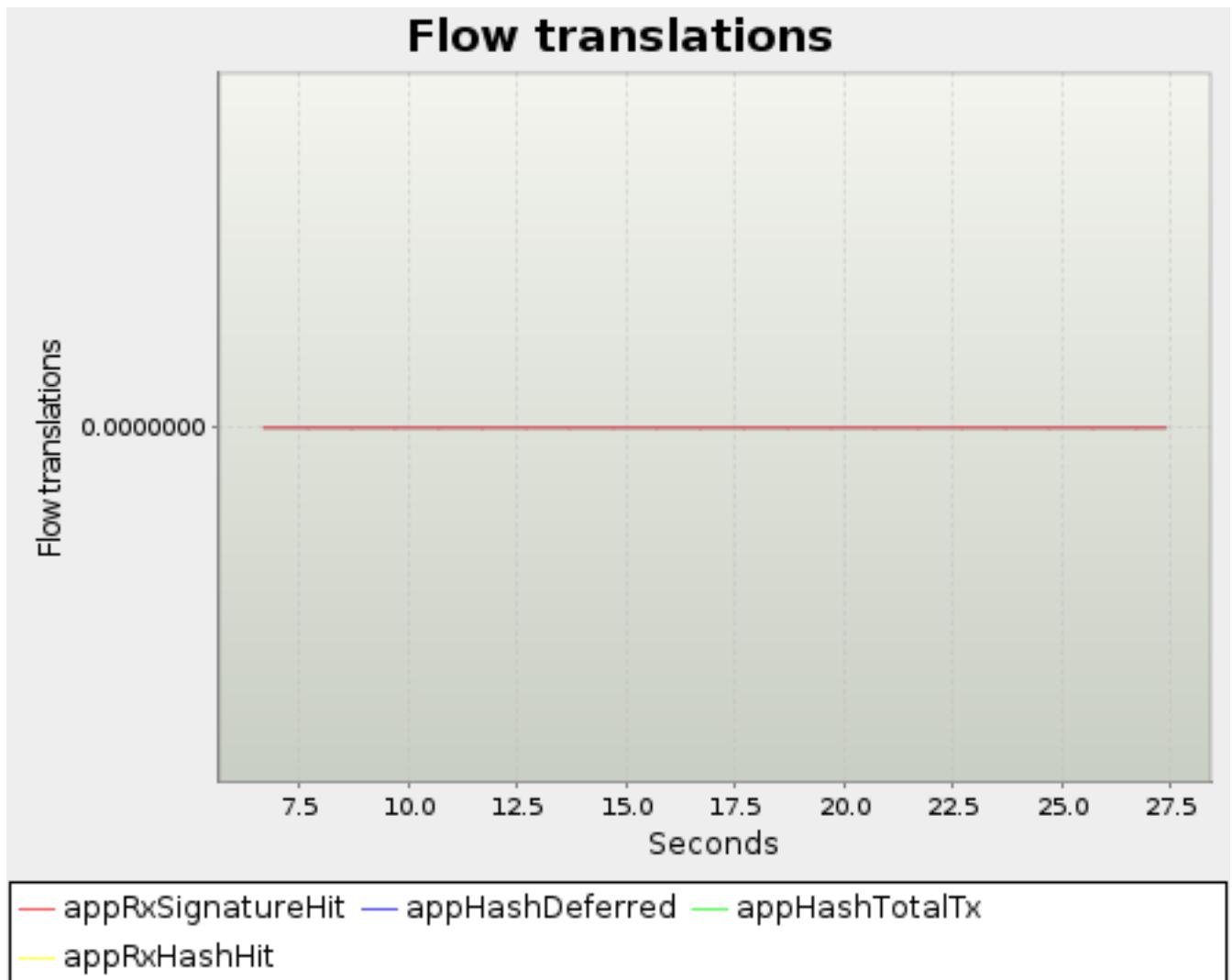


time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
2.707	12.73	0	0
3.706	19.89	0	0
4.706	28.34	38.39	0
5.706	24.02	28.03	0
6.706	18.59	24.46	0
7.707	17.29	18.31	0
8.706	28.03	19.02	0
9.706	8.991	25.97	0
10.706	18.04	9.018	0
11.706	13.99	17.98	0
12.706	34.14	15.06	0
13.707	0	32.61	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	0	0	0
18.706	0	0	0
19.706	0	0	0
20.706	0	0	0
21.706	0	0	0
22.706	0	0	0
23.707	0	0	0
24.707	0	0	0
25.706	0	0	0
26.706	0	0	0

time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
27.370	0	0	0

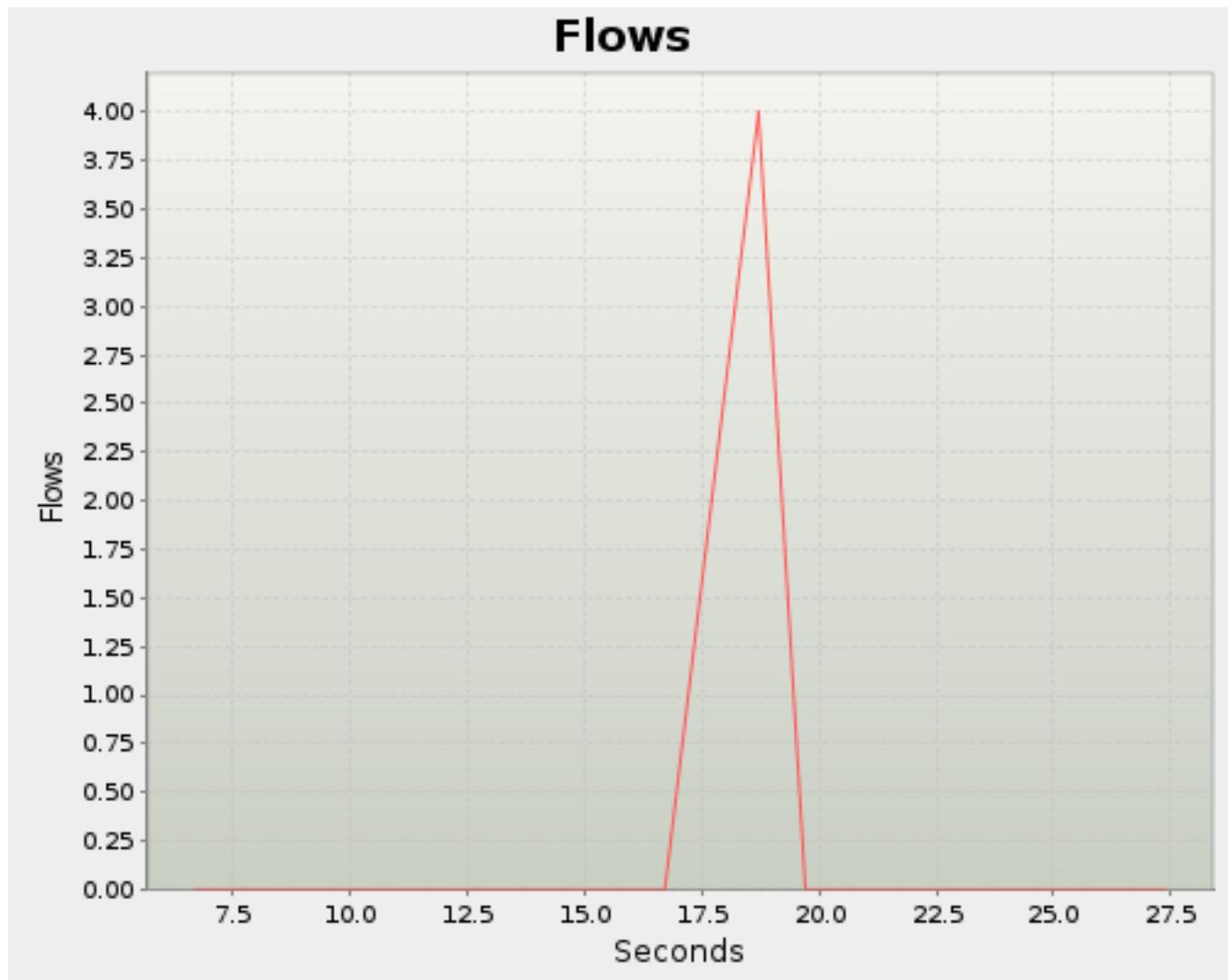
6.3.17. [protocol=RTCP]

6.3.17.1. Flow translations



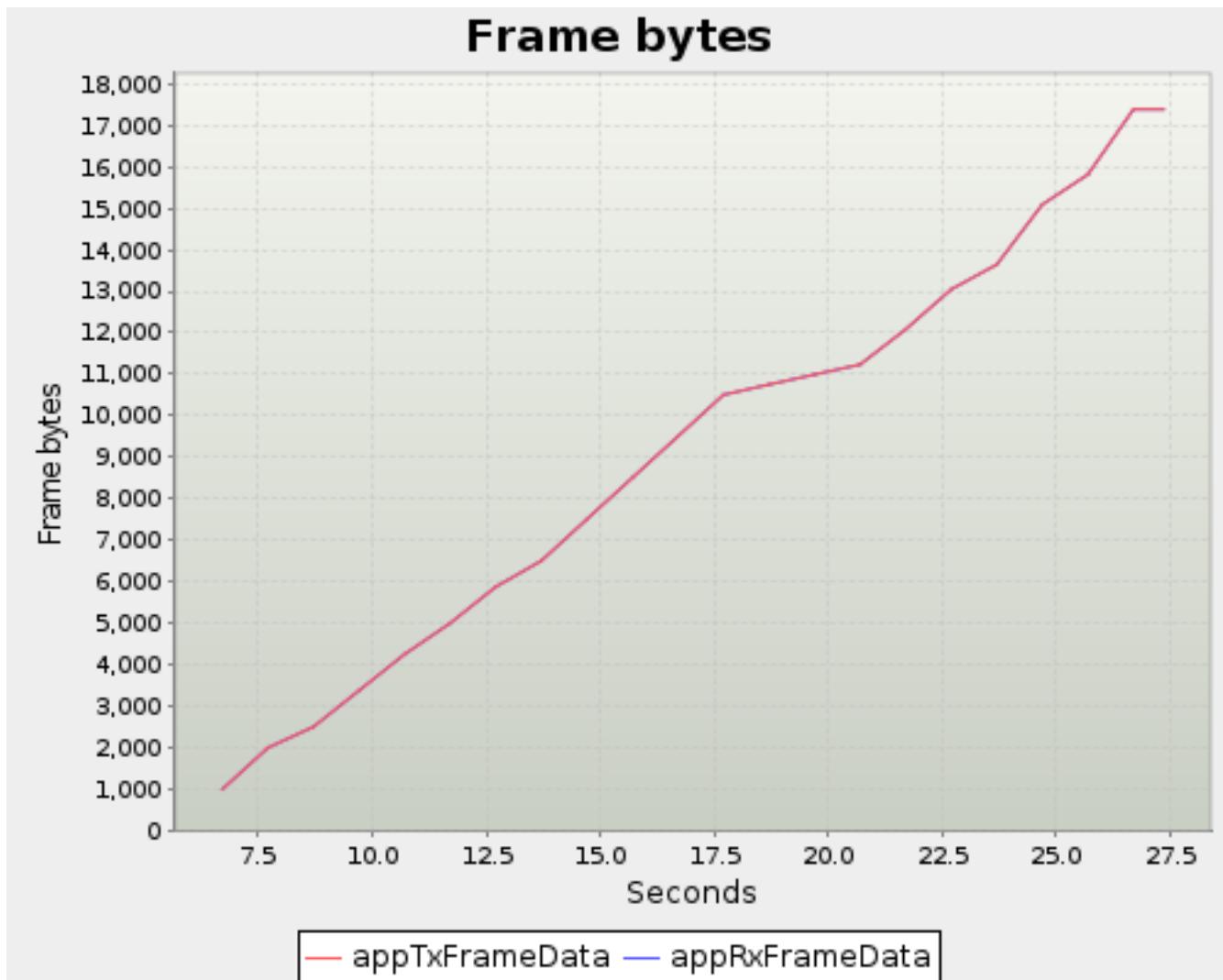
time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0
25.706	0	0	0	0
26.706	0	0	0	0
27.370	0	0	0	0

6.3.17.2. Flows



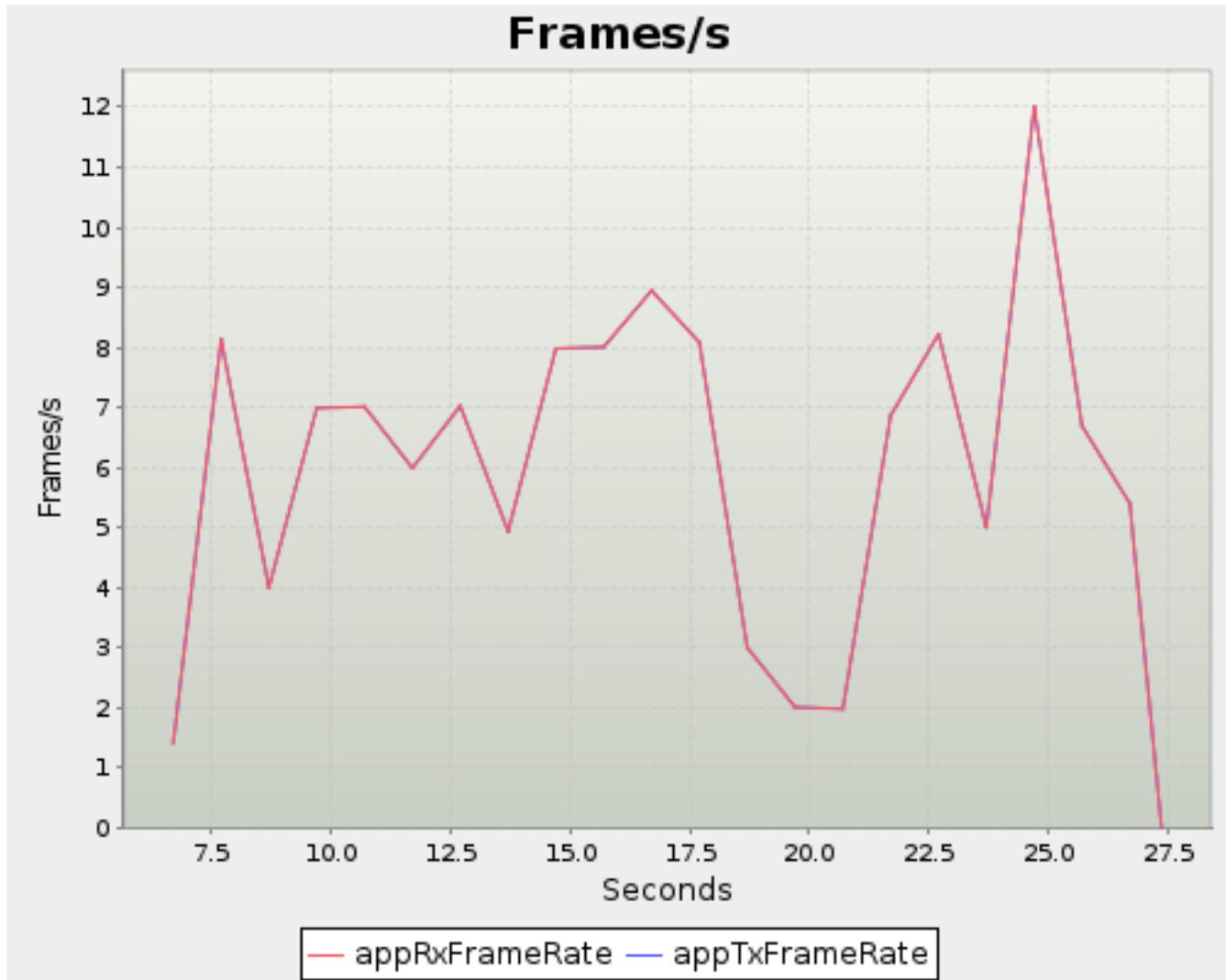
time	concurrentAppFlows
6.706	0
7.707	0
8.706	0
9.706	0
10.706	0
11.706	0
12.706	0
13.707	0
14.706	0
15.706	0
16.707	0
17.706	2
18.706	4
19.706	0
20.706	0
21.706	0
22.706	0
23.707	0
24.707	0
25.706	0
26.706	0
27.370	0

6.3.17.3. Frame bytes



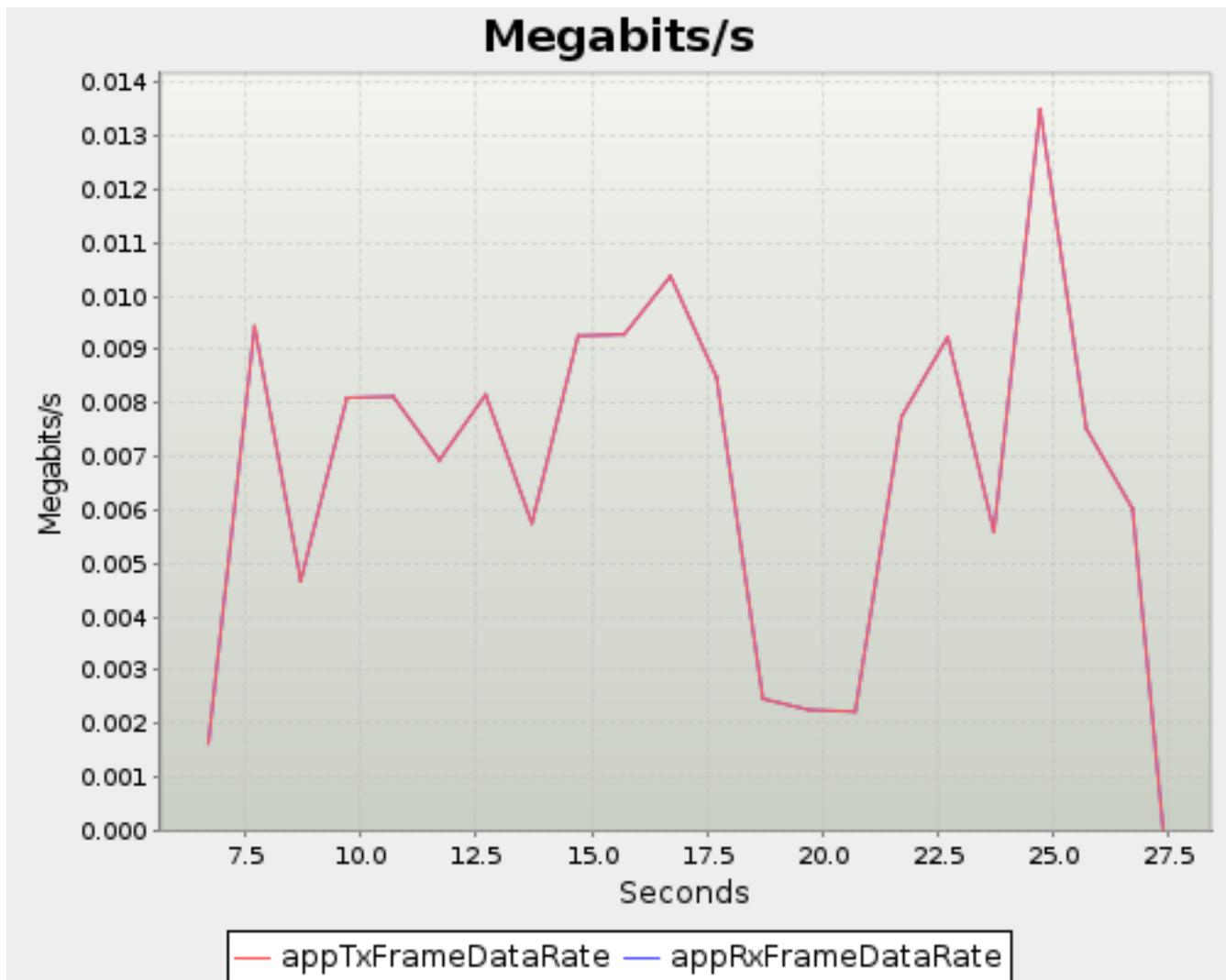
time	appRxFrameData	appTxFrameData
6.706	1,000	1,000
7.707	2,000	2,000
8.706	2,504	2,504
9.706	3,378	3,378
10.706	4,252	4,252
11.706	5,000	5,000
12.706	5,876	5,876
13.707	6,504	6,504
14.706	7,504	7,504
15.706	8,504	8,504
16.707	9,504	9,504
17.706	10,504	10,504
18.706	10,752	10,752
19.706	10,993	10,993
20.706	11,234	11,234
21.706	12,081	12,081
22.706	13,045	13,045
23.707	13,644	13,644
24.707	15,090	15,090
25.706	15,813	15,813
26.706	17,383	17,383
27.370	17,383	17,383

6.3.17.4. Frames/s



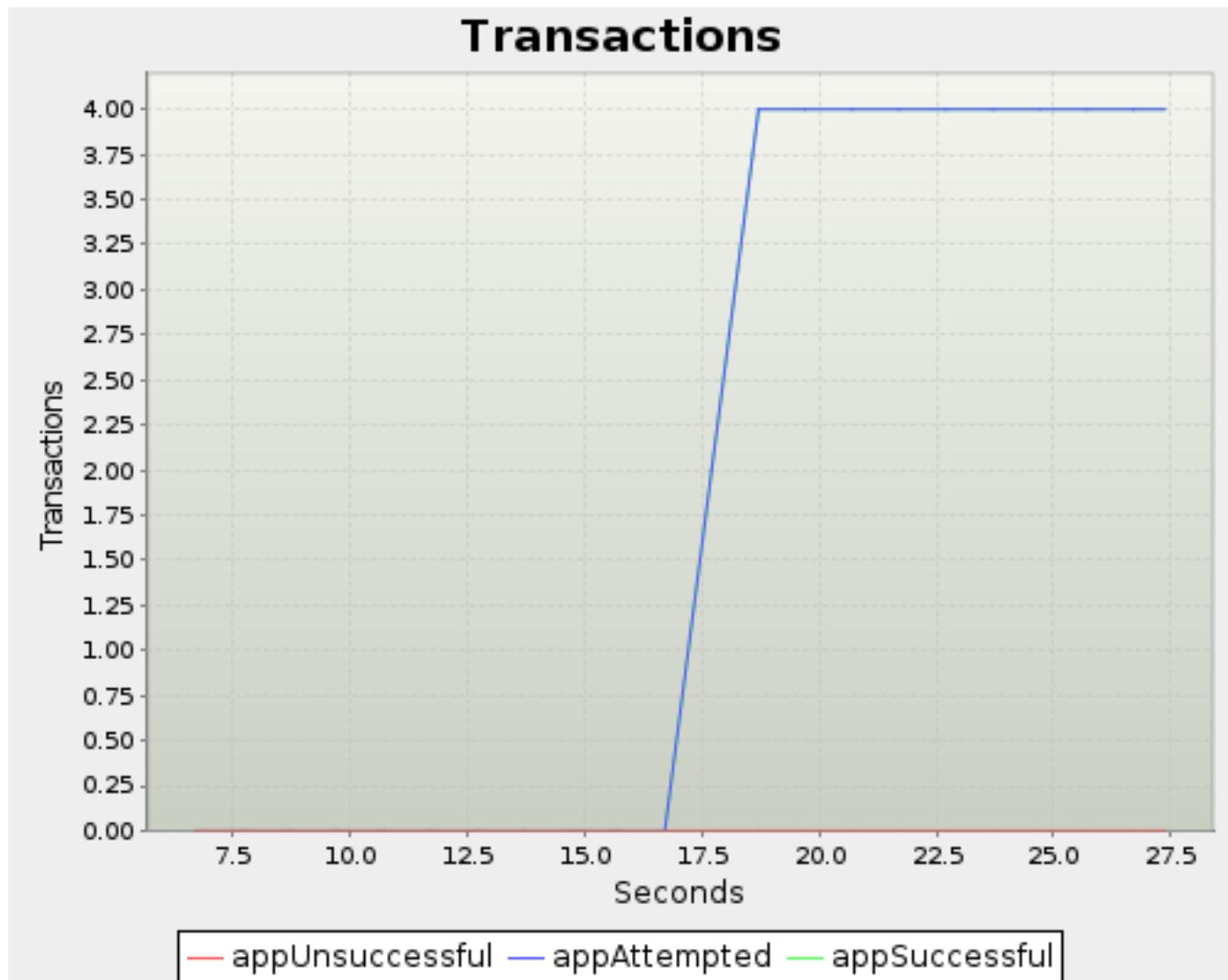
time	appRxFrameRate	appTxFrameRate
6.706	1.4111836302698886	1.4111836302698886
7.707	8.138351983723295	8.138351983723295
8.706	4.004004004004002	4.004004004004002
9.706	6.993006993006985	6.993006993006985
10.706	7.0140280561122275	7.0140280561122275
11.706	5.994005994005995	5.994005994005995
12.706	7.028112449799204	7.028112449799204
13.707	4.940711462450582	4.940711462450582
14.706	7.984031936127749	7.984031936127749
15.706	8.008008008008003	8.008008008008003
16.707	8.948545861297534	8.948545861297534
17.706	8.086253369272228	8.086253369272228
18.706	3.0060120240481023	3.0060120240481023
19.706	2.0120724346076373	2.0120724346076373
20.706	1.984126984126986	1.984126984126986
21.706	6.869479882237497	6.869479882237497
22.706	8.221993833504603	8.221993833504603
23.707	5.0050050050050094	5.0050050050050094
24.707	12.012012012011986	12.012012012011986
25.706	6.69642857142859	6.69642857142859
26.706	5.405405405405408	5.405405405405408
27.370	0	0

6.3.17.5. Megabits/s



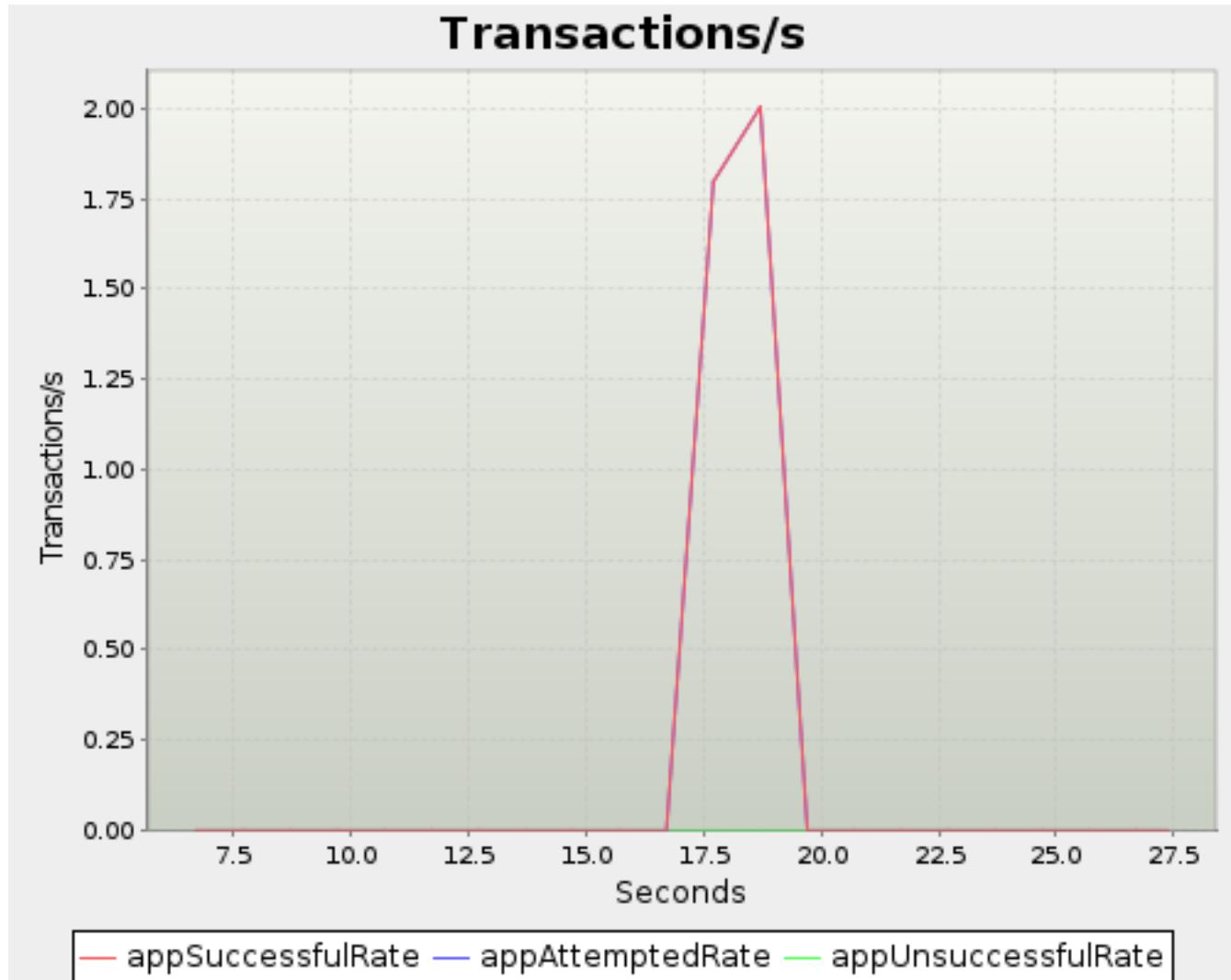
time	appRxFrameDataRate	appTxFrameDataRate
6.706	0.001637	0.001637
7.707	0.00944	0.00944
8.706	0.004677	0.004677
9.706	0.008104	0.008104
10.706	0.008128	0.008128
11.706	0.006937	0.006937
12.706	0.008161	0.008161
13.707	0.005755	0.005755
14.706	0.009261	0.009261
15.706	0.009289	0.009289
16.707	0.01038	0.01038
17.706	0.008482	0.008482
18.706	0.002469	0.002469
19.706	0.002262	0.002262
20.706	0.00223	0.00223
21.706	0.007749	0.007749
22.706	0.009242	0.009242
23.707	0.005598	0.005598
24.707	0.0135	0.0135
25.706	0.007527	0.007527
26.706	0.006025	0.006025
27.370	0	0

6.3.17.6. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
6.706	0	0	0
7.707	0	0	0
8.706	0	0	0
9.706	0	0	0
10.706	0	0	0
11.706	0	0	0
12.706	0	0	0
13.707	0	0	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	2	2	0
18.706	4	4	0
19.706	4	4	0
20.706	4	4	0
21.706	4	4	0
22.706	4	4	0
23.707	4	4	0
24.707	4	4	0
25.706	4	4	0
26.706	4	4	0
27.370	4	4	0

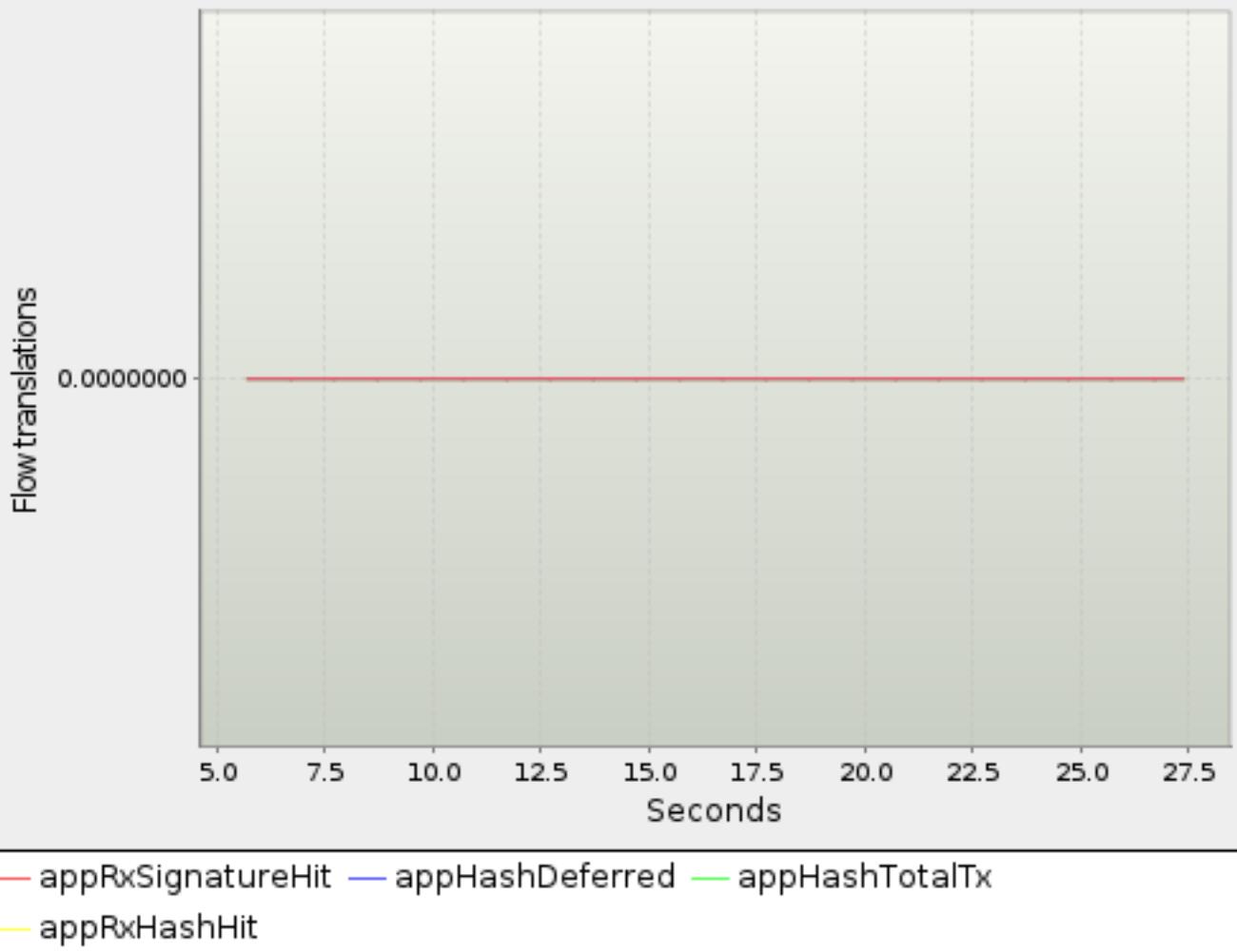
6.3.17.7. Transactions/s



6.3.18. [protocol=RTP]

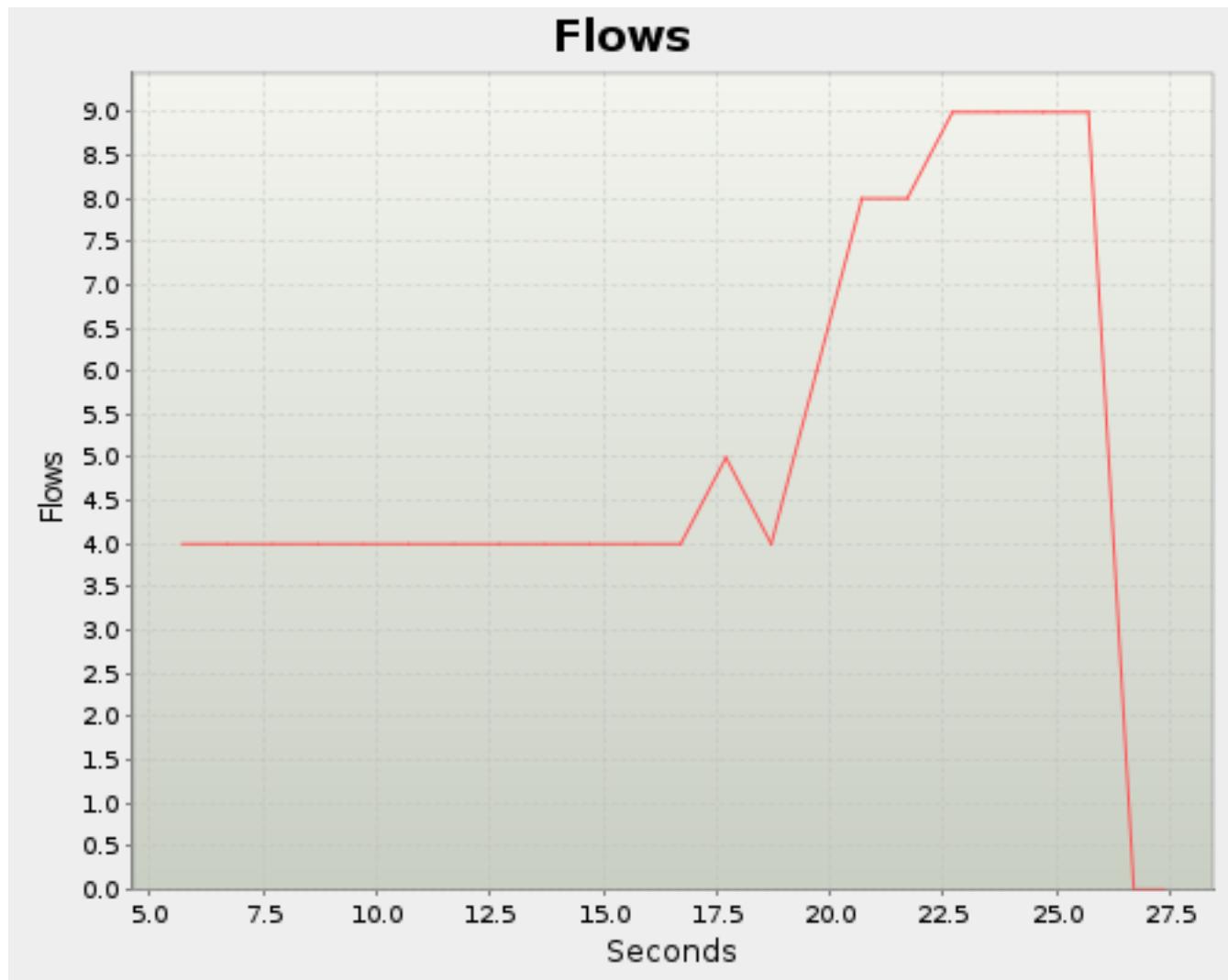
6.3.18.1. Flow translations

Flow translations



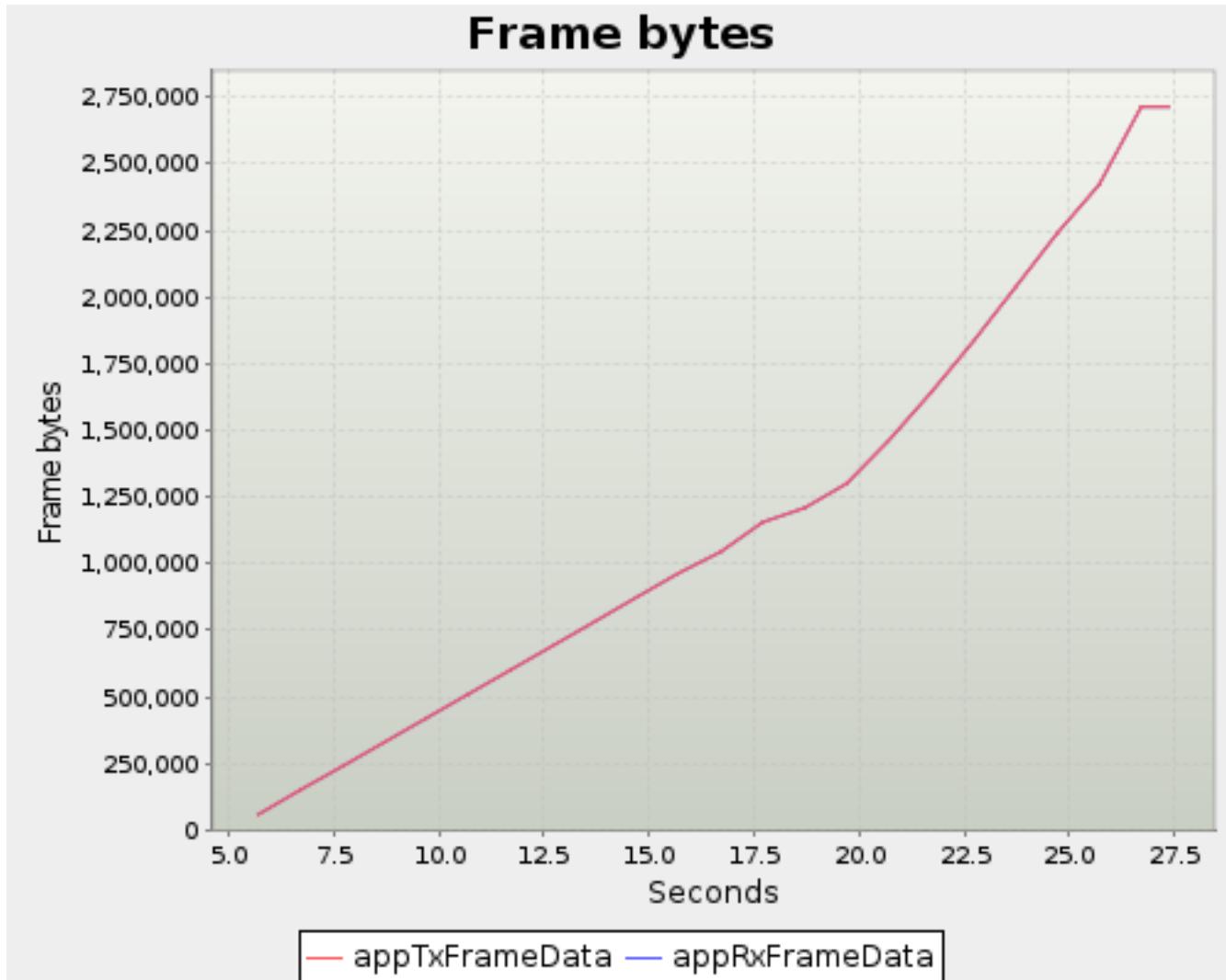
time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0
25.706	0	0	0	0
26.706	0	0	0	0
27.370	0	0	0	0

6.3.18.2. Flows



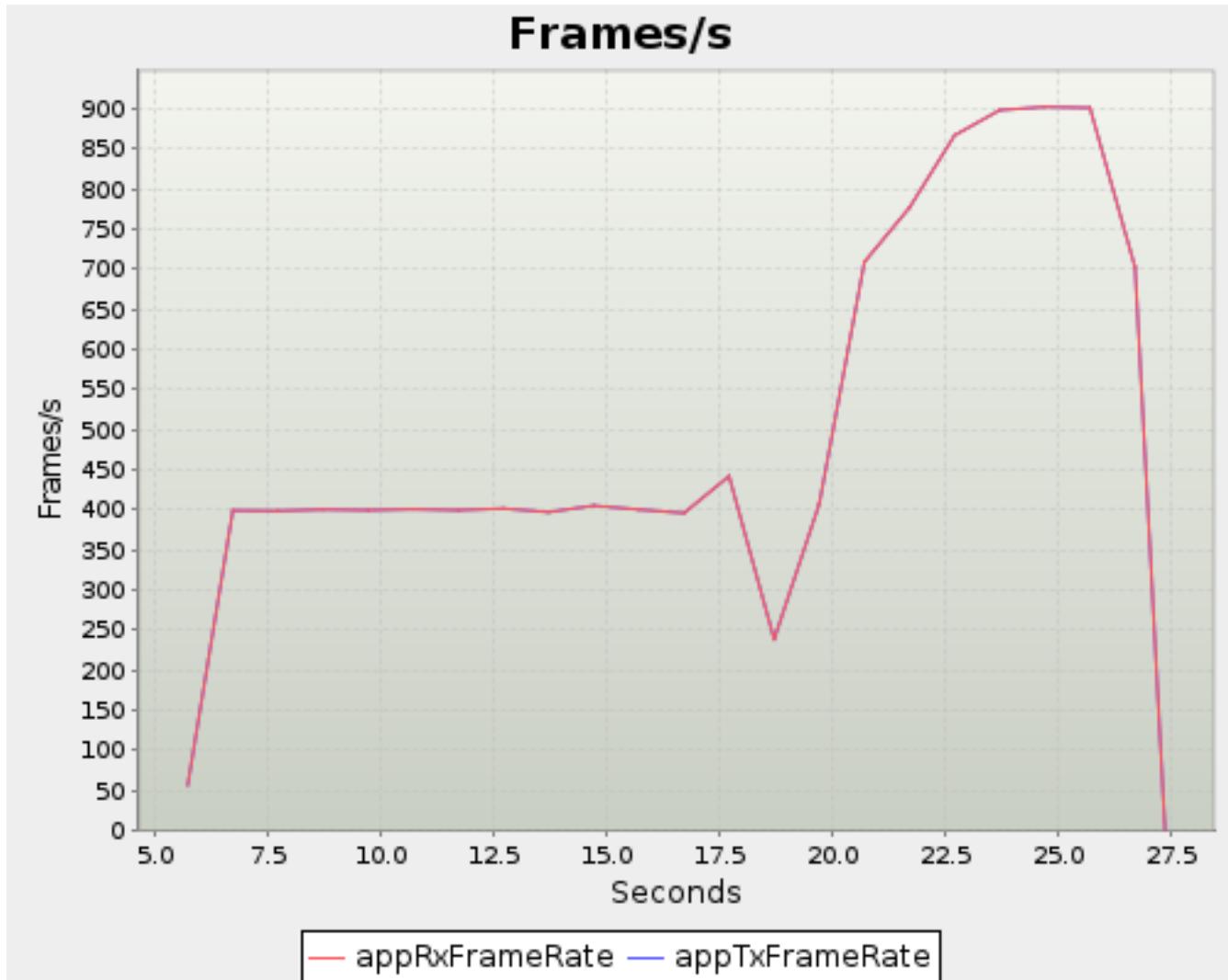
time	concurrentAppFlows
5.706	4
6.706	4
7.707	4
8.706	4
9.706	4
10.706	4
11.706	4
12.706	4
13.707	4
14.706	4
15.706	4
16.707	4
17.706	5
18.706	4
19.706	6
20.706	8
21.706	8
22.706	9
23.707	9
24.707	9
25.706	9
26.706	0
27.370	0

6.3.18.3. Frame bytes



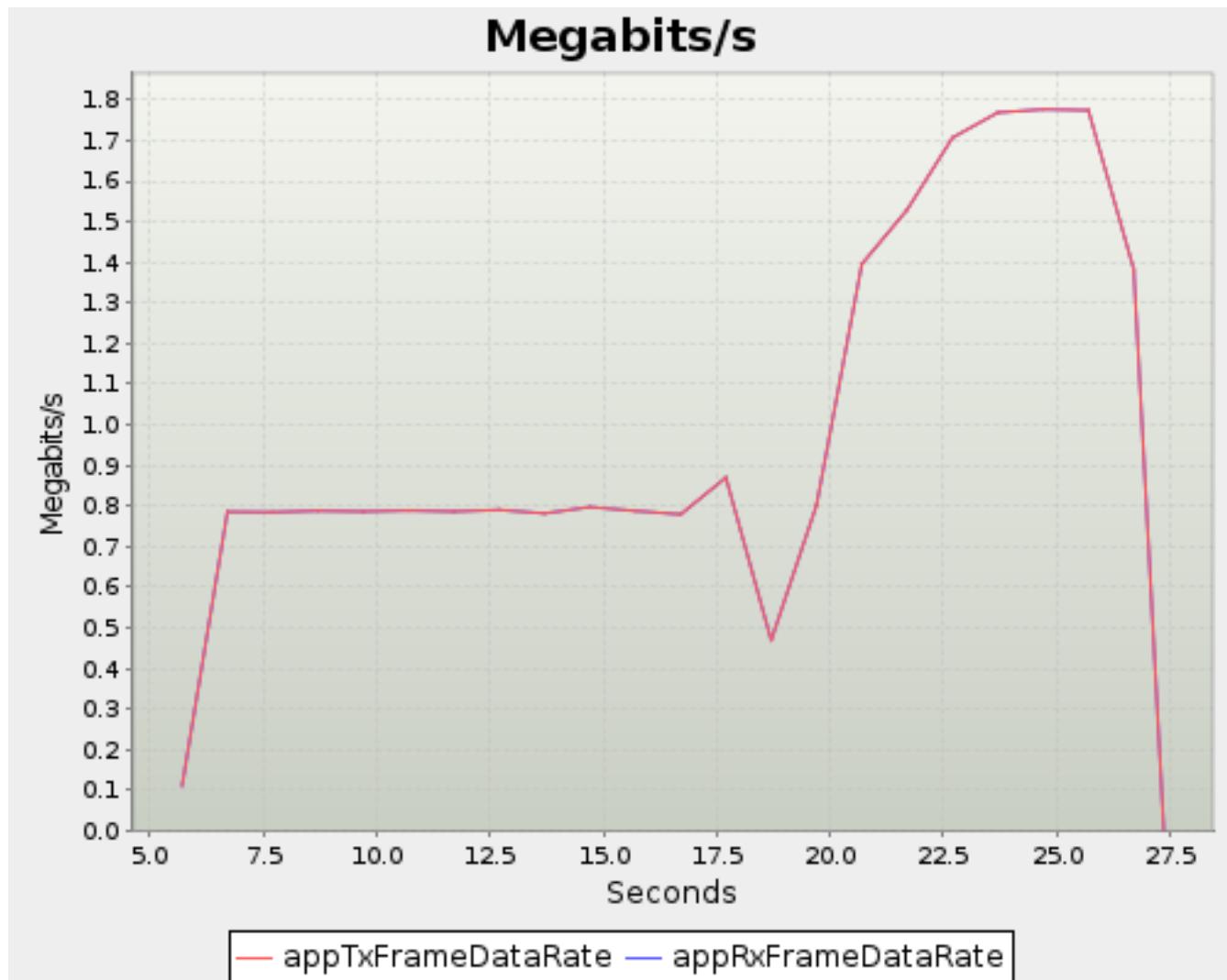
time	appRxFrameData	appTxFrameData
5.706	59,212	59,212
6.706	151,420	151,420
7.707	240,012	240,012
8.706	330,412	330,412
9.706	420,812	420,812
10.706	511,212	511,212
11.706	601,612	601,612
12.706	692,012	692,012
13.707	782,864	782,864
14.706	874,620	874,620
15.706	965,020	965,020
16.707	1,045,024	1,045,024
17.706	1,156,216	1,156,216
18.706	1,210,004	1,210,004
19.706	1,301,534	1,301,534
20.706	1,463,124	1,463,124
21.706	1,642,116	1,642,116
22.706	1,832,860	1,832,860
23.707	2,035,808	2,035,808
24.707	2,239,660	2,239,660
25.706	2,422,268	2,422,268
26.706	2,714,260	2,714,260
27.370	2,714,260	2,714,260

6.3.18.4. Frames/s



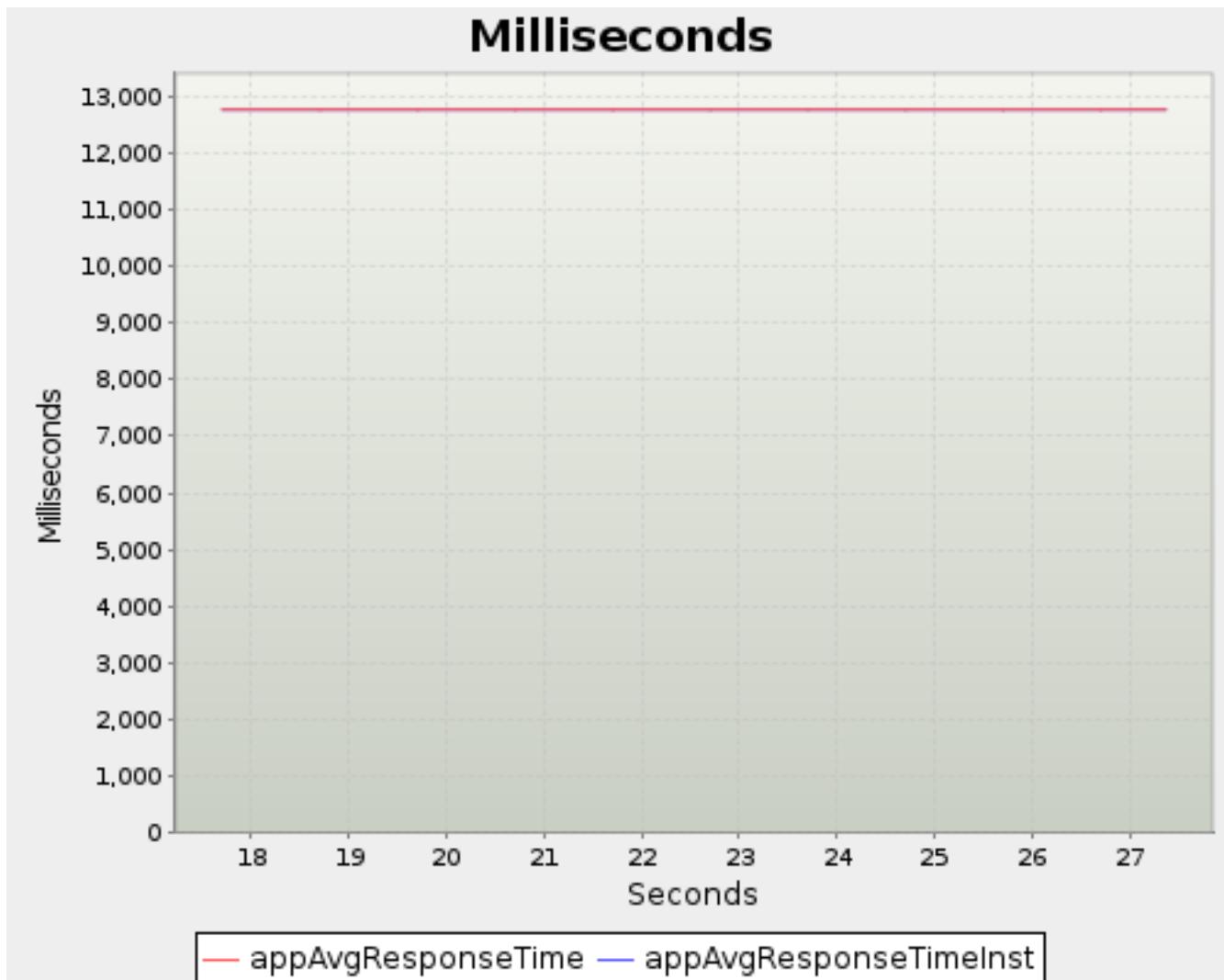
time	appRxFrameRate	appTxFrameRate
5.706	56.38046051215837	56.38046051215837
6.706	399.2172211350293	399.2172211350293
7.707	398.7792472024417	398.7792472024417
8.706	400.4004004004002	400.4004004004002
9.706	399.6003996003991	399.6003996003991
10.706	400.8016032064131	400.8016032064131
11.706	399.60039960039984	399.60039960039984
12.706	401.6064257028118	401.6064257028118
13.707	397.2332015810268	397.2332015810268
14.706	405.1896207584835	405.1896207584835
15.706	400.4004004004002	400.4004004004002
16.707	395.9731543624159	395.9731543624159
17.706	442.048517520215	442.048517520215
18.706	238.47695390781618	238.47695390781618
19.706	407.444668008047	407.444668008047
20.706	709.3253968253974	709.3253968253974
21.706	777.2325809617284	777.2325809617284
22.706	867.4203494347354	867.4203494347354
23.707	898.89889888988999	898.89889888988999
24.707	902.9029029029006	902.9029029029006
25.706	901.7857142857173	901.7857142857173
26.706	702.7027027027029	702.7027027027029
27.370	0	0

6.3.18.5. Megabits/s



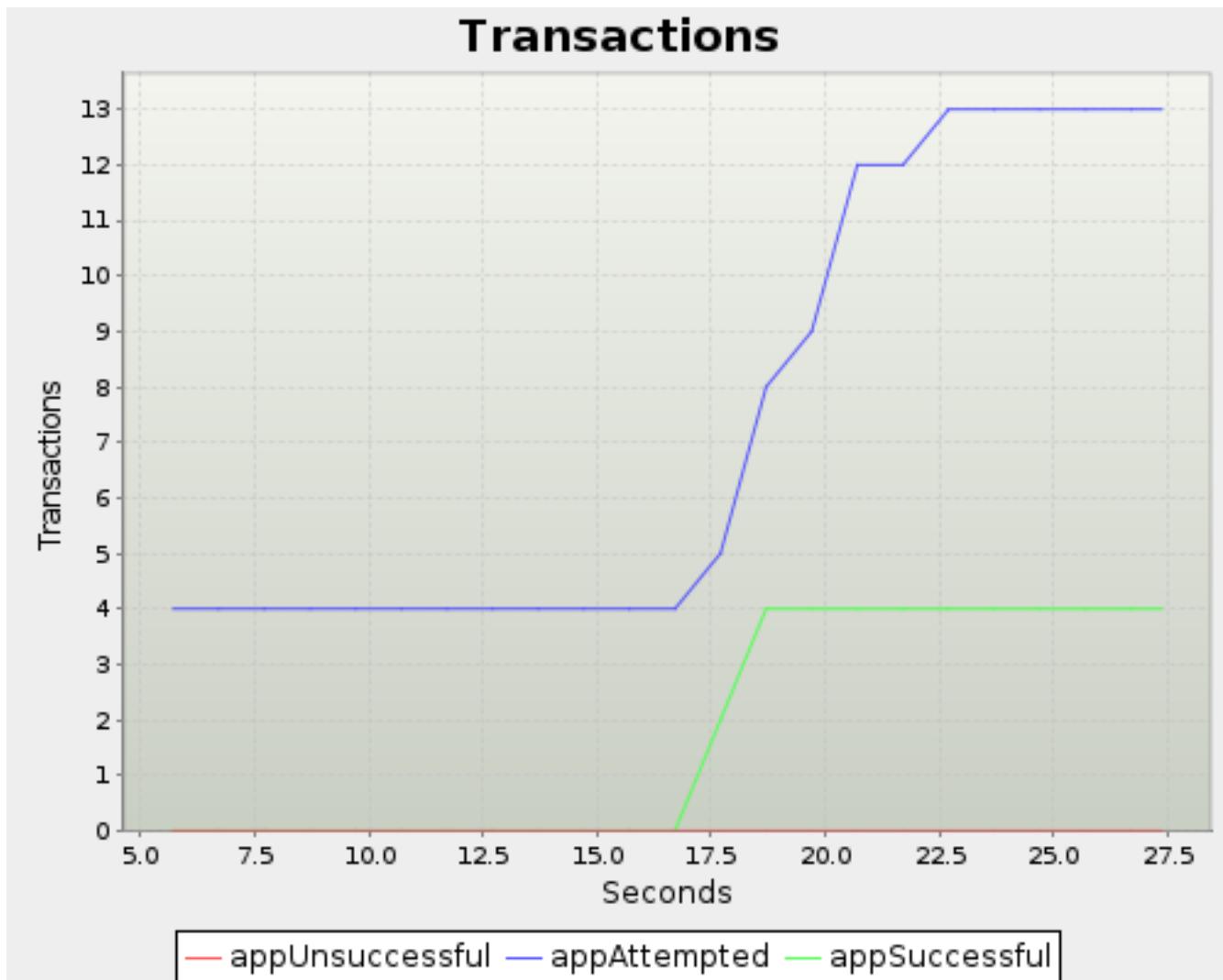
time	appRxFrameDataRate	appTxFrameDataRate
5.706	0.111	0.111
6.706	0.7857	0.7857
7.707	0.7848	0.7848
8.706	0.788	0.788
9.706	0.7864	0.7864
10.706	0.7888	0.7888
11.706	0.7864	0.7864
12.706	0.7904	0.7904
13.707	0.7818	0.7818
14.706	0.7974	0.7974
15.706	0.788	0.788
16.707	0.7793	0.7793
17.706	0.87	0.87
18.706	0.4693	0.4693
19.706	0.8019	0.8019
20.706	1.396	1.396
21.706	1.53	1.53
22.706	1.707	1.707
23.707	1.769	1.769
24.707	1.777	1.777
25.706	1.775	1.775
26.706	1.383	1.383
27.370	0	0

6.3.18.6. Milliseconds



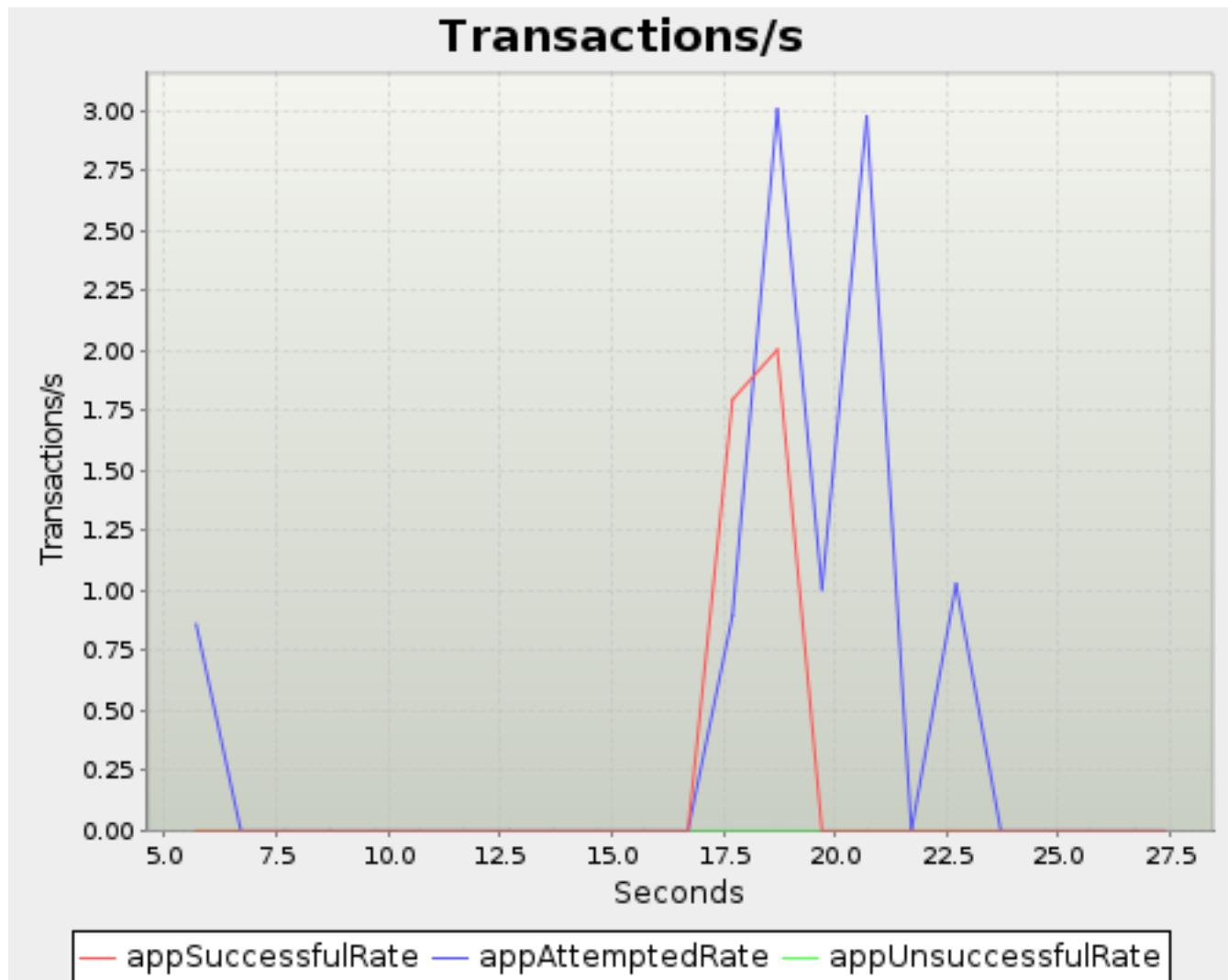
time	appAvgResponseTime	appAvgResponseTimeInst
5.706		
6.706		
7.707		
8.706		
9.706		
10.706		
11.706		
12.706		
13.707		
14.706		
15.706		
16.707		
17.706	12,780	12,780
18.706	12,780	12,780
19.706	12,780	12,780
20.706	12,780	12,780
21.706	12,780	12,780
22.706	12,780	12,780
23.707	12,780	12,780
24.707	12,780	12,780
25.706	12,780	12,780
26.706	12,780	12,780
27.370	12,780	12,780

6.3.18.7. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
5.706	4	0	0
6.706	4	0	0
7.707	4	0	0
8.706	4	0	0
9.706	4	0	0
10.706	4	0	0
11.706	4	0	0
12.706	4	0	0
13.707	4	0	0
14.706	4	0	0
15.706	4	0	0
16.707	4	0	0
17.706	5	2	0
18.706	8	4	0
19.706	9	4	0
20.706	12	4	0
21.706	12	4	0
22.706	13	4	0
23.707	13	4	0
24.707	13	4	0
25.706	13	4	0
26.706	13	4	0
27.370	13	4	0

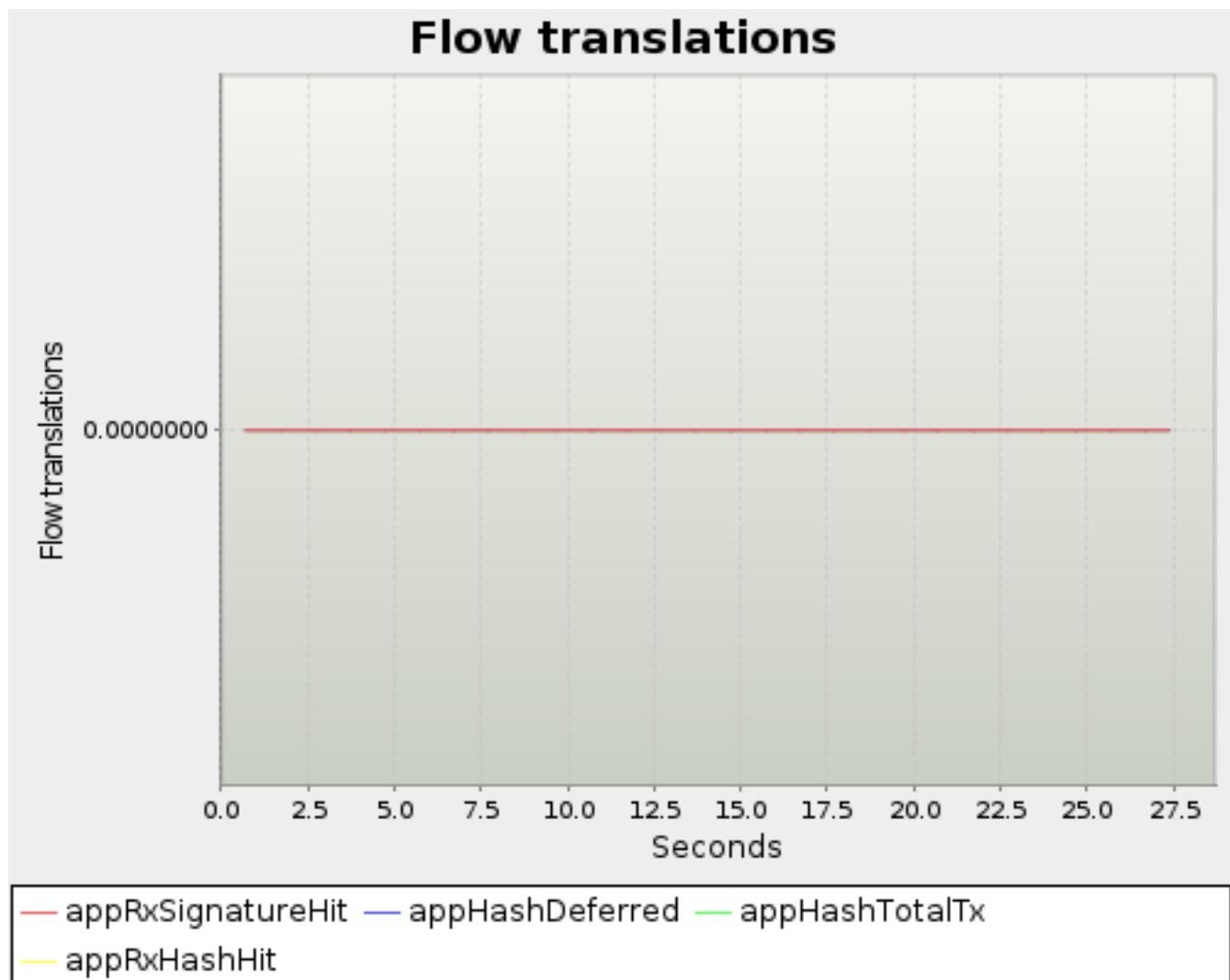
6.3.18.8. Transactions/s



time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
5.706	0.8608	0	0
6.706	0	0	0
7.707	0	0	0
8.706	0	0	0
9.706	0	0	0
10.706	0	0	0
11.706	0	0	0
12.706	0	0	0
13.707	0	0	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	0.8985	1.797	0
18.706	3.006	2.004	0
19.706	1.006	0	0
20.706	2.976	0	0
21.706	0	0	0
22.706	1.028	0	0
23.707	0	0	0
24.707	0	0	0
25.706	0	0	0
26.706	0	0	0
27.370	0	0	0

6.3.19. [protocol=Raw]

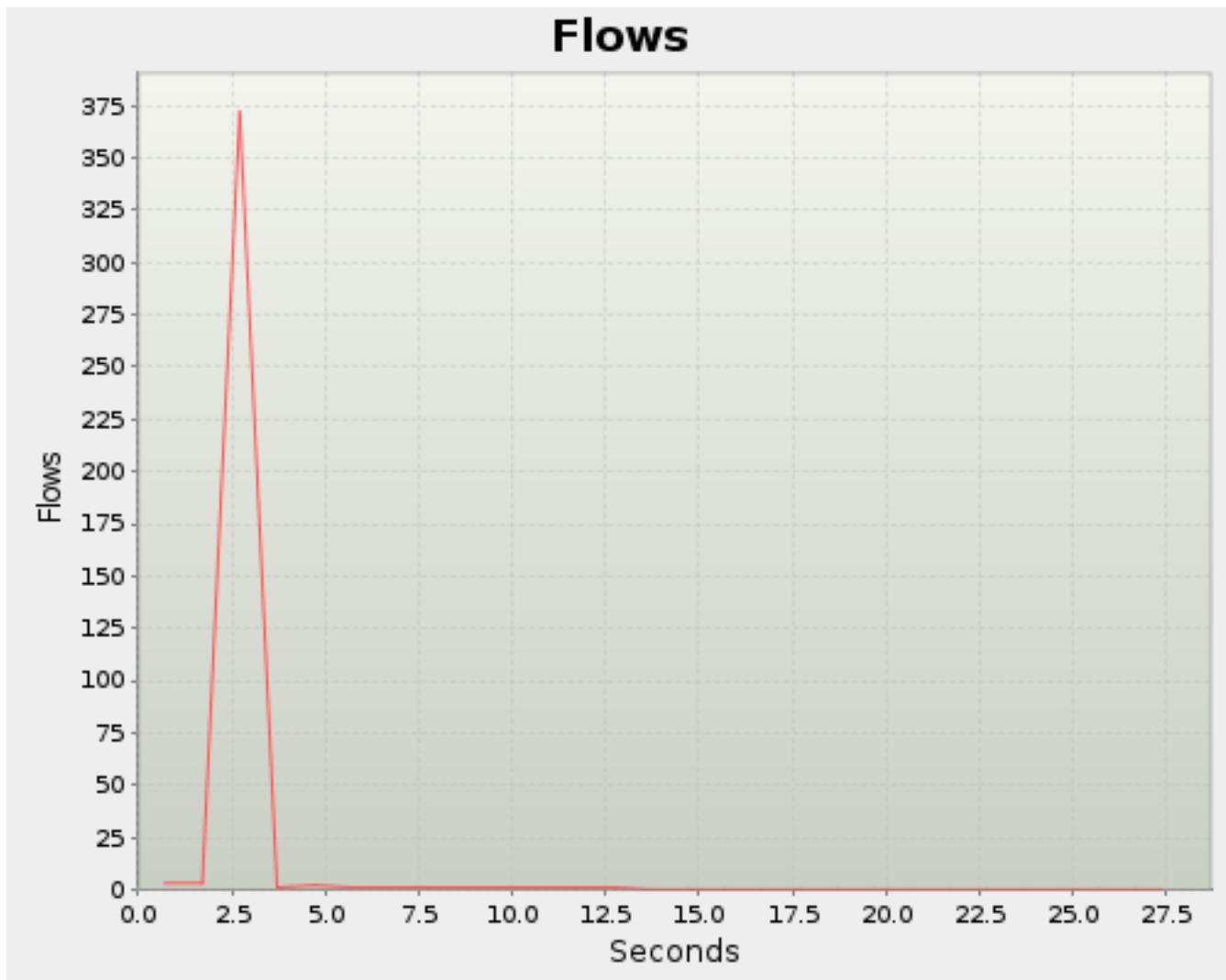
6.3.19.1. Flow translations



time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
0.707	0	0	0	0
1.707	0	0	0	0
2.707	0	0	0	0
3.706	0	0	0	0
4.706	0	0	0	0
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0

time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
25.706	0	0	0	0
26.706	0	0	0	0
27.370	0	0	0	0

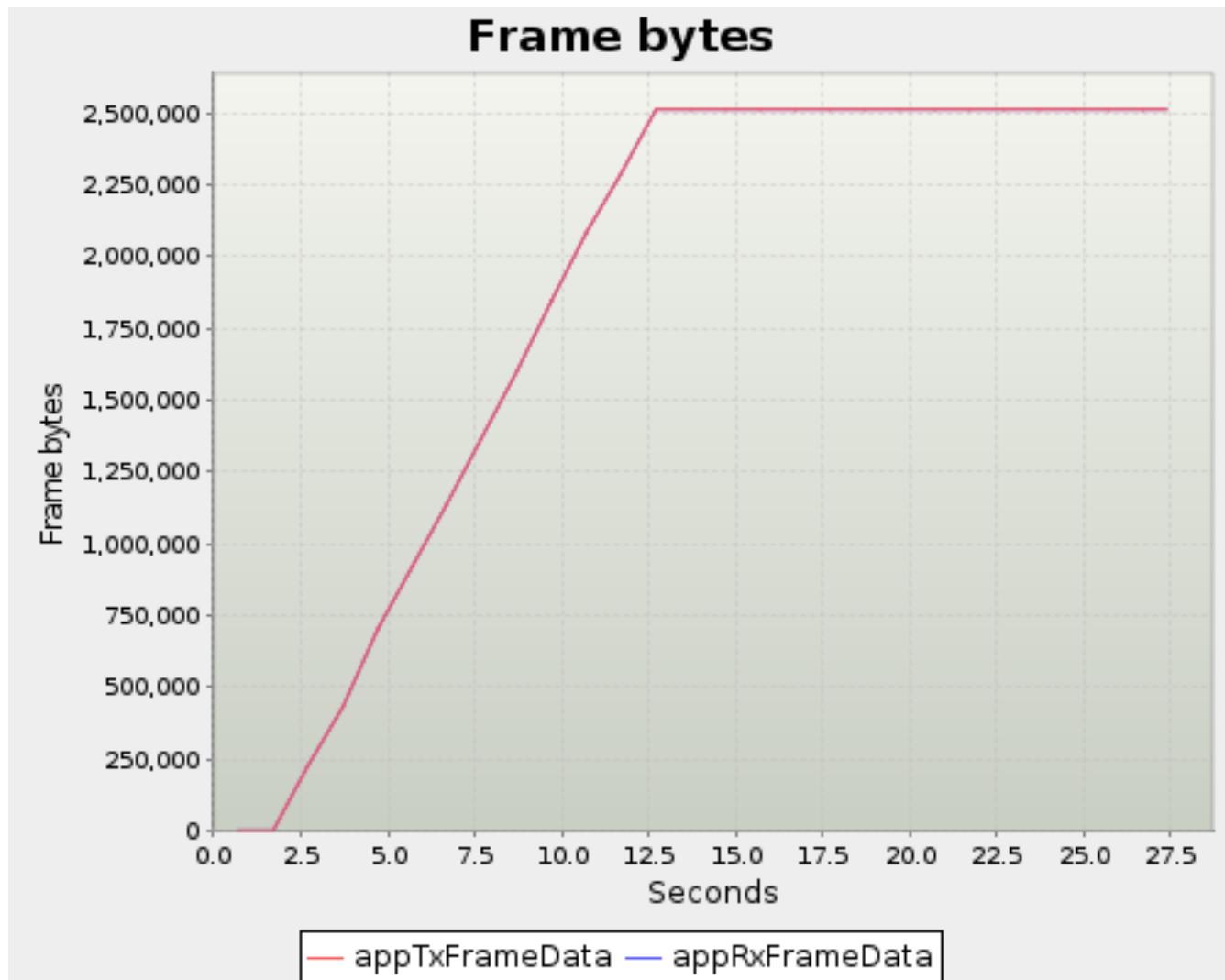
6.3.19.2. Flows



time	concurrentAppFlows
0.707	3
1.707	3
2.707	372
3.706	1
4.706	2
5.706	1
6.706	1
7.707	1
8.706	1
9.706	1
10.706	1
11.706	1
12.706	1
13.707	0
14.706	0
15.706	0
16.707	0
17.706	0
18.706	0
19.706	0
20.706	0
21.706	0
22.706	0
23.707	0
24.707	0

time	concurrentAppFlows
25.706	0
26.706	0
27.370	0

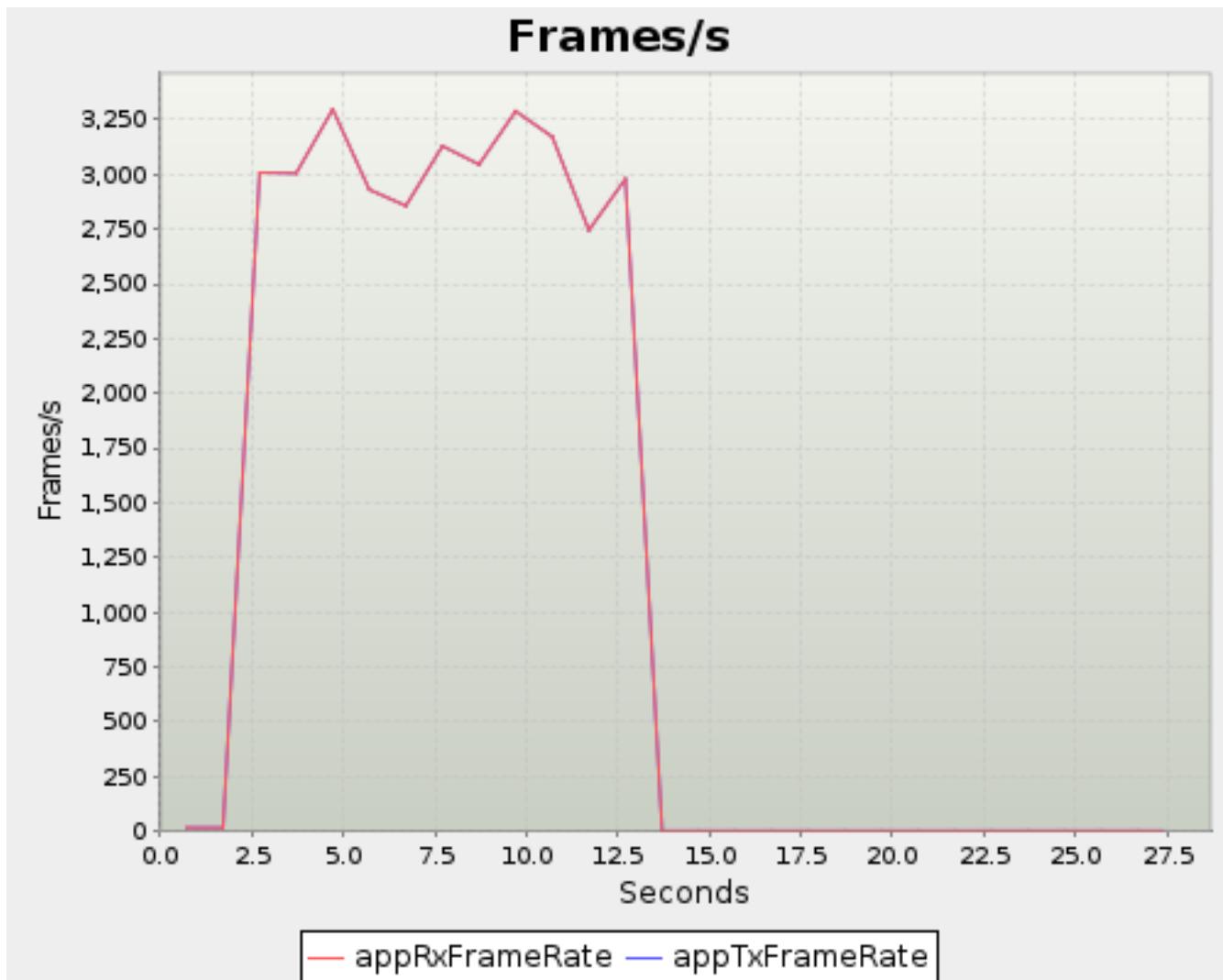
6.3.19.3. Frame bytes



time	appRxFrameData	appTxFrameData
0.707	618	618
1.707	618	618
2.707	226,800	226,800
3.706	430,800	430,800
4.706	701,400	701,400
5.706	921,000	921,000
6.706	1,140,000	1,140,000
7.707	1,370,802	1,370,802
8.706	1,599,000	1,599,000
9.706	1,846,002	1,846,002
10.706	2,083,406	2,083,536
11.706	2,289,600	2,289,600
12.706	2,512,200	2,512,200
13.707	2,512,200	2,512,200
14.706	2,512,200	2,512,200
15.706	2,512,200	2,512,200
16.707	2,512,200	2,512,200
17.706	2,512,200	2,512,200
18.706	2,512,200	2,512,200
19.706	2,512,200	2,512,200
20.706	2,512,200	2,512,200
21.706	2,512,200	2,512,200
22.706	2,512,200	2,512,200
23.707	2,512,200	2,512,200
24.707	2,512,200	2,512,200

time	appRxFrameData	appTxFrameData
25.706	2,512,200	2,512,200
26.706	2,512,200	2,512,200
27.370	2,512,200	2,512,200

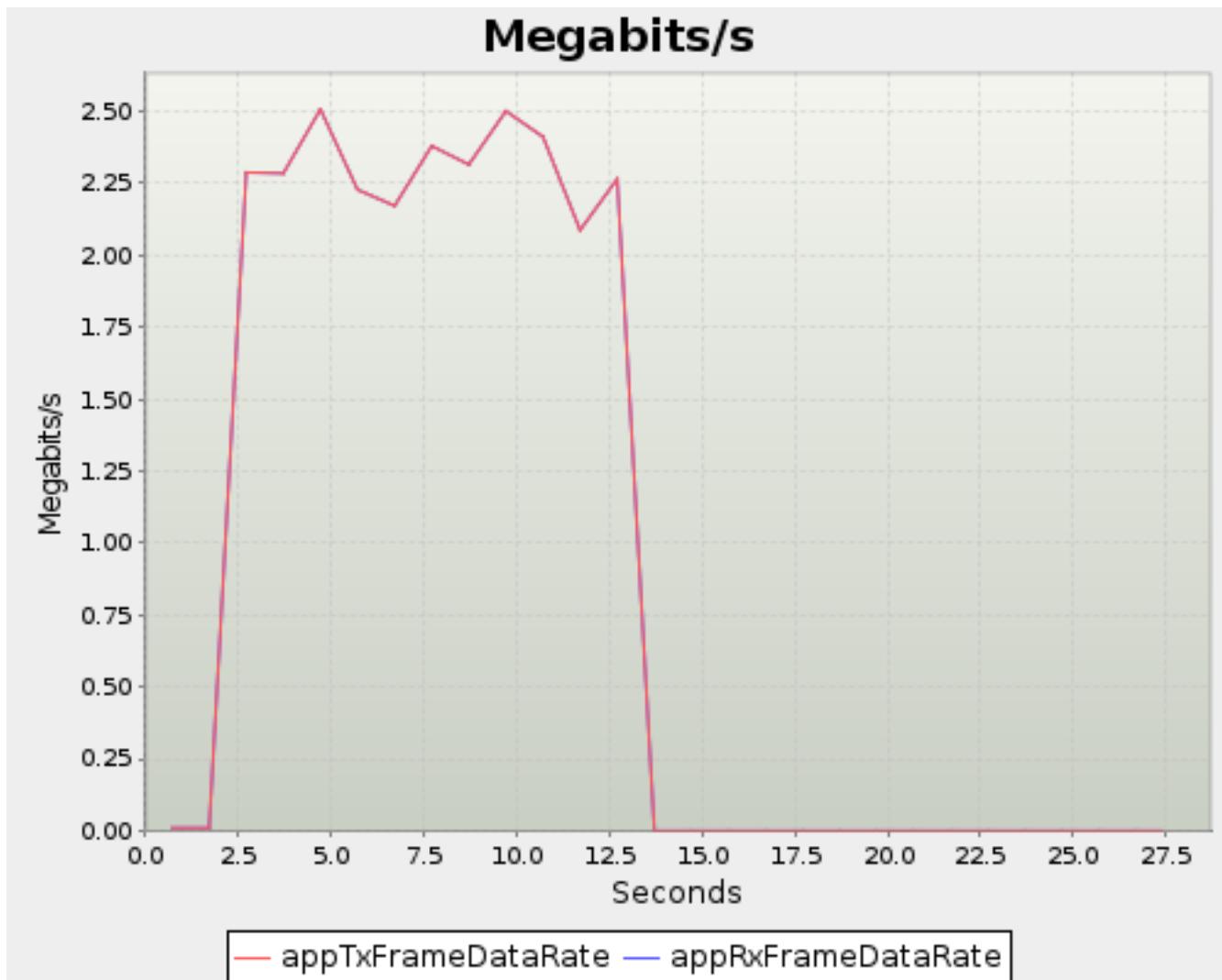
6.3.19.4. Frames/s



time	appRxFrameRate	appTxFrameRate
0.707	13.910355486862441	13.910355486862441
1.707	13.910355486862441	13.910355486862441
2.707	3,008.982035928144	3,008.982035928144
3.706	3,005.5248618784535	3,005.5248618784535
4.706	3,297.9890310786095	3,297.9890310786095
5.706	2,930.9309309309347	2,930.9309309309347
6.706	2,857.1428571428555	2,857.1428571428555
7.707	3,130.213631739575	3,130.213631739575
8.706	3,046.0460460460445	3,046.0460460460445
9.706	3,289.710289710285	3,289.710289710285
10.706	3,172.3446893787586	3,173.3466933867758
11.706	2,746.253746253749	2,745.254745254746
12.706	2,979.9196787148635	2,979.9196787148635
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	appRxFrameRate	appTxFrameRate
25.706	0	0
26.706	0	0
27.370	0	0

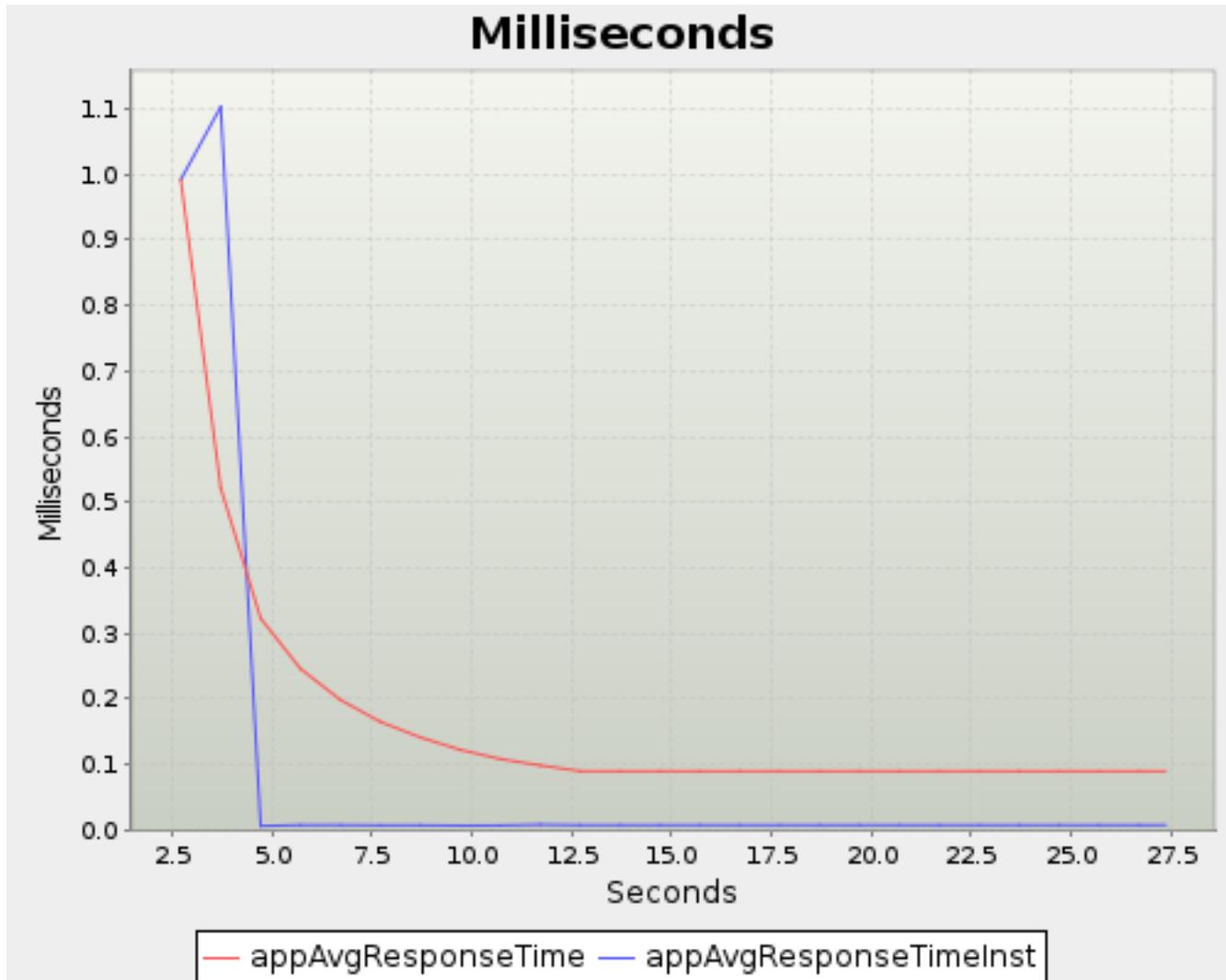
6.3.19.5. Megabits/s



time	appRxFrameDataRate	appTxFrameDataRate
0.707	0.009867	0.009867
1.707	0.009867	0.009867
2.707	2.287	2.287
3.706	2.284	2.284
4.706	2.506	2.506
5.706	2.228	2.228
6.706	2.171	2.171
7.707	2.379	2.379
8.706	2.315	2.315
9.706	2.5	2.5
10.706	2.411	2.412
11.706	2.087	2.086
12.706	2.265	2.265
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	appRxFrameDataRate	appTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

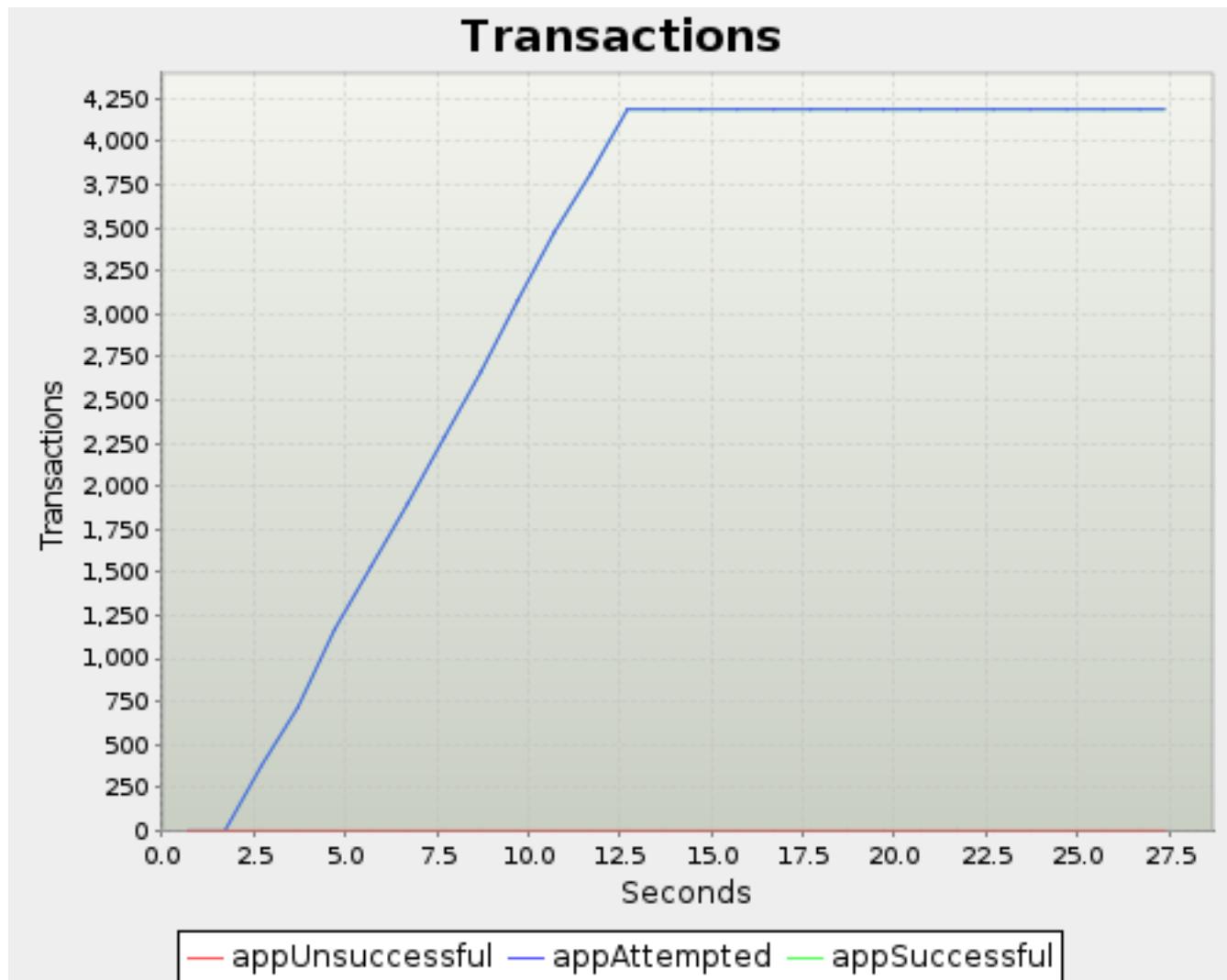
6.3.19.6. Milliseconds



time	appAvgResponseTime	appAvgResponseTimeInst
0.707		
1.707		
2.707	0.9920634920634921	0.9920634920634921
3.706	0.5222841225626741	1.10294117647006651883
4.706	0.32335329341317365	0.0066518847006651885
5.706	0.24625407166123778	0.00819672131147541
6.706	0.19894736842105262	0.00821917808219178
7.707	0.16542669584245076	0.007792207792207792
8.706	0.14183864915572234	0.007894736842105263
9.706	0.12284692882677933	0.007281553398058253
10.706	0.10883961992513677	0.007575757575757576
11.706	0.09905660377358491	0.008746355685131196
12.706	0.09027943635060903	0.008086253369272238
13.707	0.09027943635060903	0.008086253369272238
14.706	0.09027943635060903	0.008086253369272238
15.706	0.09027943635060903	0.008086253369272238
16.707	0.09027943635060903	0.008086253369272238
17.706	0.09027943635060903	0.008086253369272238
18.706	0.09027943635060903	0.008086253369272238
19.706	0.09027943635060903	0.008086253369272238
20.706	0.09027943635060903	0.008086253369272238
21.706	0.09027943635060903	0.008086253369272238
22.706	0.09027943635060903	0.008086253369272238
23.707	0.09027943635060903	0.008086253369272238
24.707	0.09027943635060903	0.008086253369272238

time	appAvgResponseTime	appAvgResponseTimelnst
25.706	0.09027943635060903	0.008086253369272238
26.706	0.09027943635060903	0.008086253369272238
27.370	0.09027943635060903	0.008086253369272238

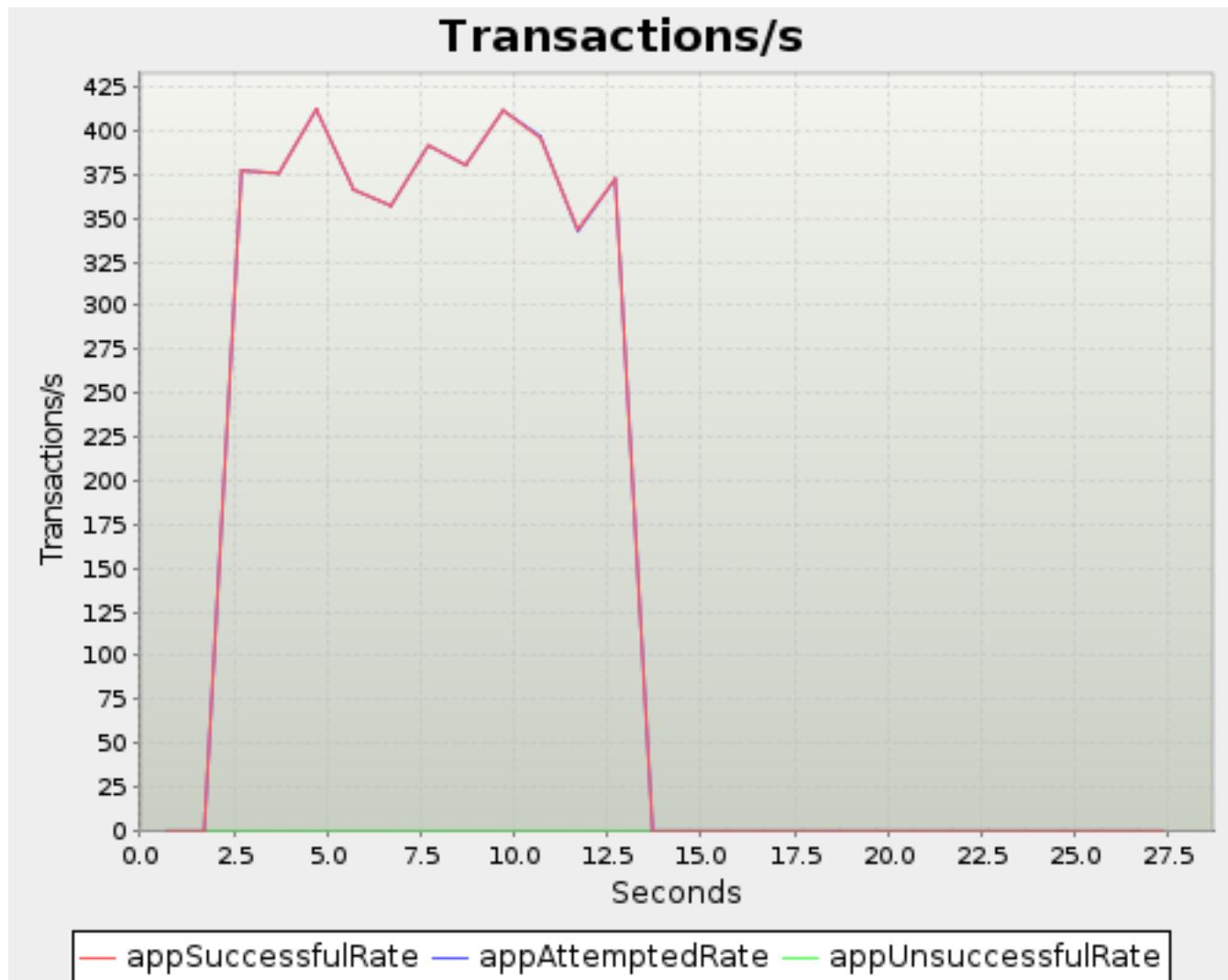
6.3.19.7. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
0.707	0	0	0
1.707	0	0	0
2.707	378	378	0
3.706	718	718	0
4.706	1,169	1,169	0
5.706	1,535	1,535	0
6.706	1,900	1,900	0
7.707	2,285	2,285	0
8.706	2,665	2,665	0
9.706	3,077	3,077	0
10.706	3,473	3,472	0
11.706	3,816	3,816	0
12.706	4,187	4,187	0
13.707	4,187	4,187	0
14.706	4,187	4,187	0
15.706	4,187	4,187	0
16.707	4,187	4,187	0
17.706	4,187	4,187	0
18.706	4,187	4,187	0
19.706	4,187	4,187	0
20.706	4,187	4,187	0
21.706	4,187	4,187	0
22.706	4,187	4,187	0
23.707	4,187	4,187	0
24.707	4,187	4,187	0

time	appAttempted	appSuccessful	appUnsuccessful
25.706	4,187	4,187	0
26.706	4,187	4,187	0
27.370	4,187	4,187	0

6.3.19.8. Transactions/s

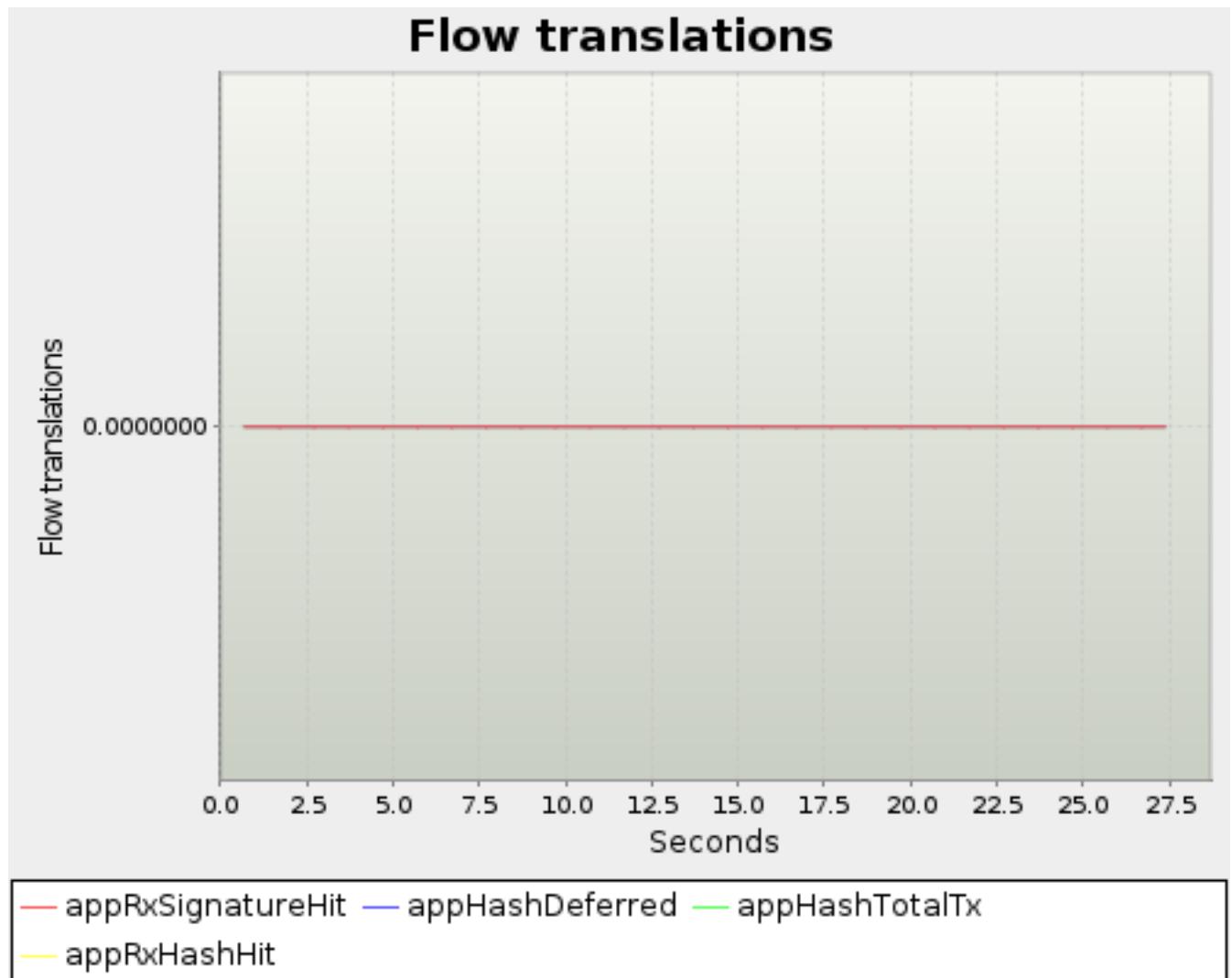


time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
0.707	0	0	0
1.707	0	0	0
2.707	377.2	377.2	0
3.706	375.7	375.7	0
4.706	412.2	412.2	0
5.706	366.4	366.4	0
6.706	357.1	357.1	0
7.707	391.7	391.7	0
8.706	380.4	380.4	0
9.706	411.6	411.6	0
10.706	396.8	395.8	0
11.706	342.7	343.7	0
12.706	372.5	372.5	0
13.707	0	0	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	0	0	0
18.706	0	0	0
19.706	0	0	0
20.706	0	0	0
21.706	0	0	0
22.706	0	0	0
23.707	0	0	0
24.707	0	0	0

time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
25.706	0	0	0
26.706	0	0	0
27.370	0	0	0

6.3.20. [protocol=SAP]

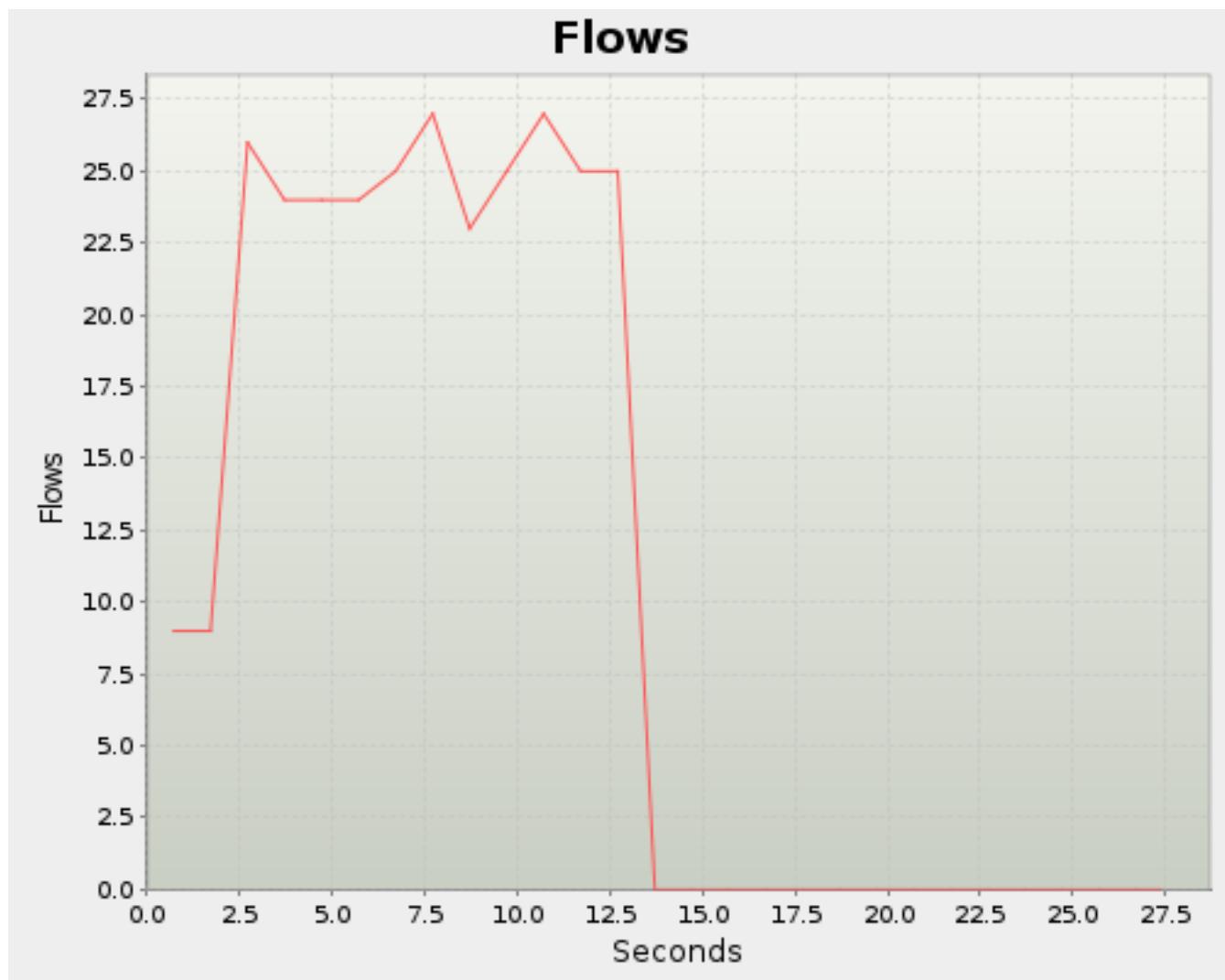
6.3.20.1. Flow translations



time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
0.707	0	0	0	0
1.707	0	0	0	0
2.707	0	0	0	0
3.706	0	0	0	0
4.706	0	0	0	0
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0

time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
25.706	0	0	0	0
26.706	0	0	0	0
27.370	0	0	0	0

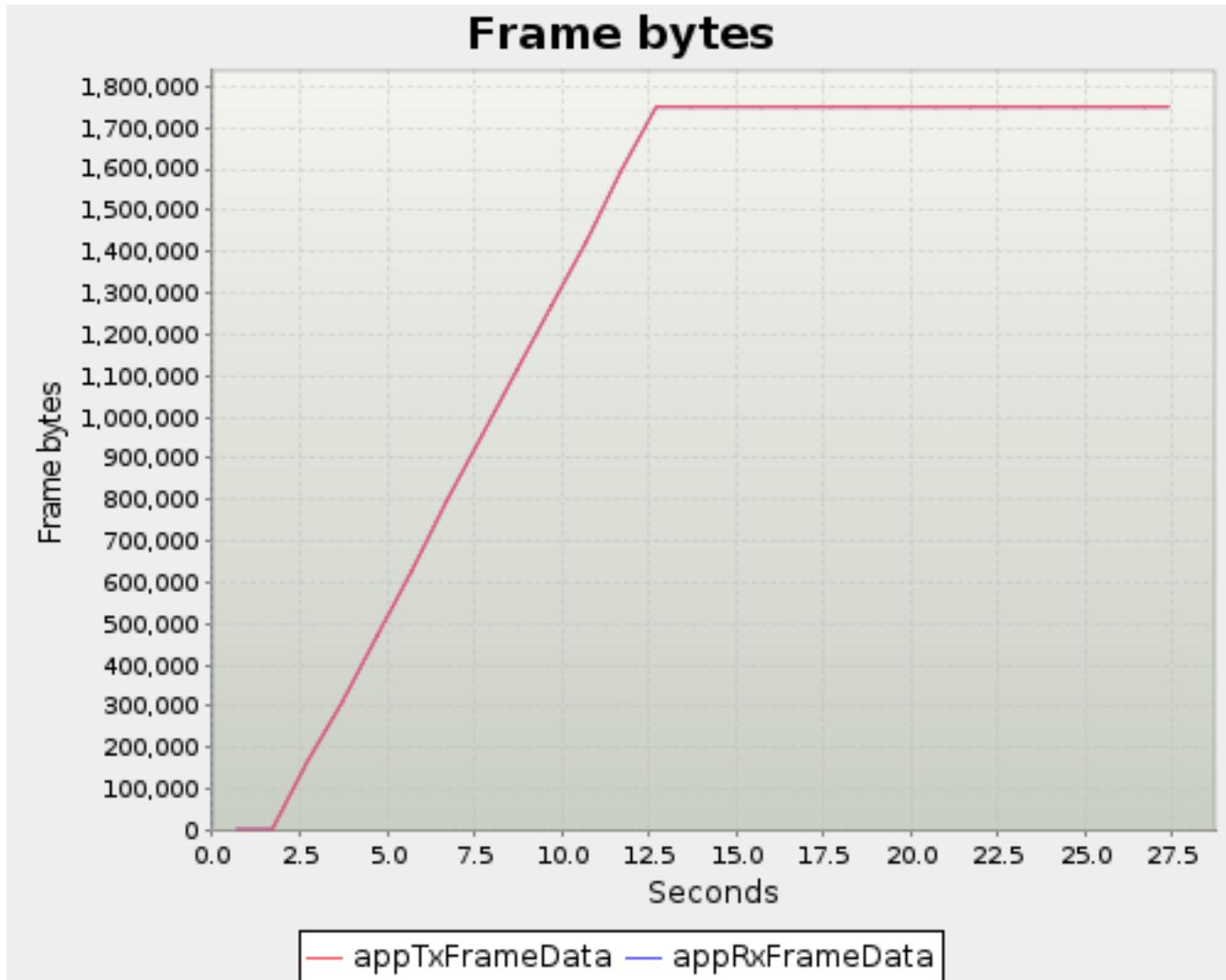
6.3.20.2. Flows



time	concurrentAppFlows
0.707	9
1.707	9
2.707	26
3.706	24
4.706	24
5.706	24
6.706	25
7.707	27
8.706	23
9.706	25
10.706	27
11.706	25
12.706	25
13.707	0
14.706	0
15.706	0
16.707	0
17.706	0
18.706	0
19.706	0
20.706	0
21.706	0
22.706	0
23.707	0
24.707	0

time	concurrentAppFlows
25.706	0
26.706	0
27.370	0

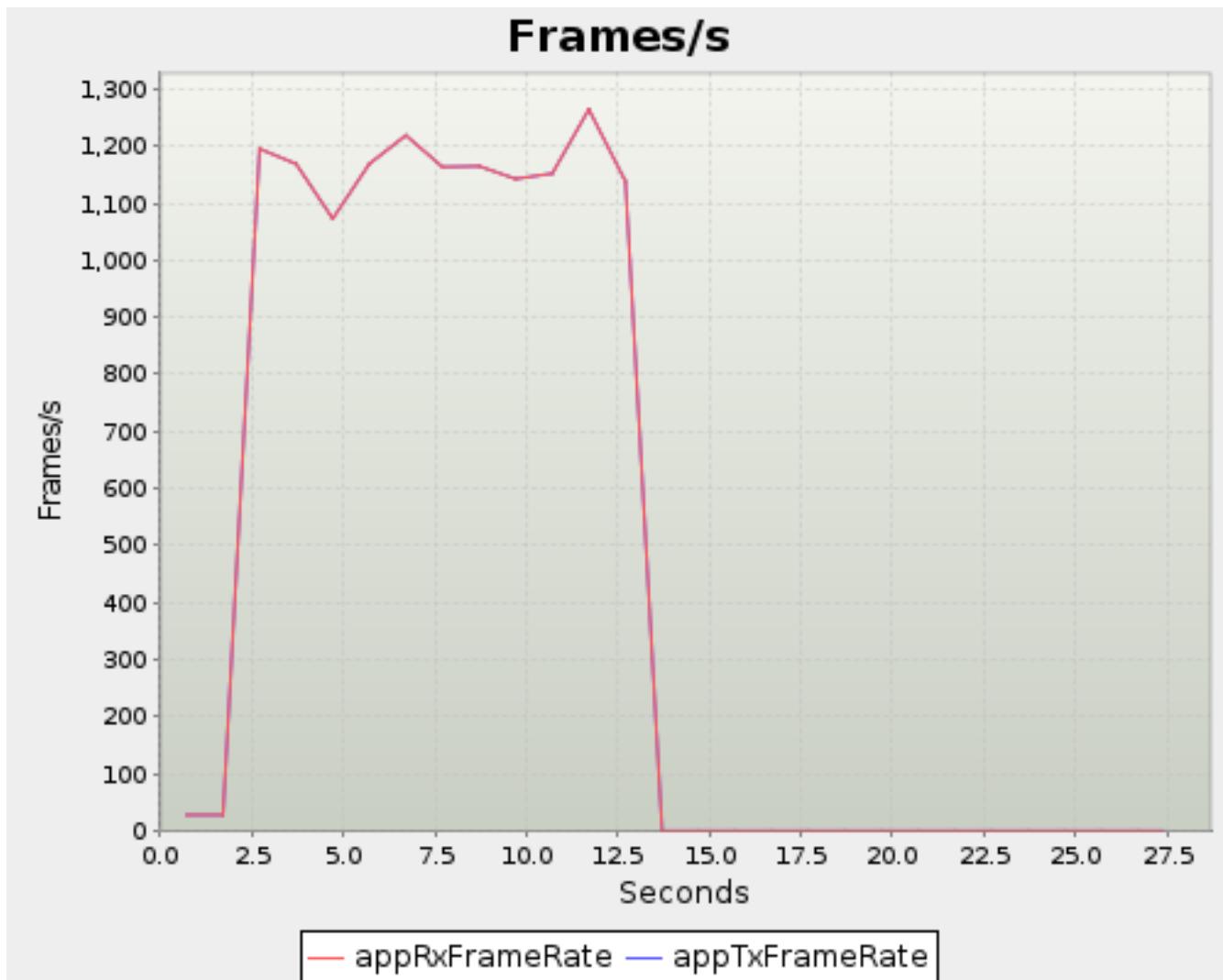
6.3.20.3. Frame bytes



time	appRxFrameData	appTxFrameData
0.707	2,385	2,385
1.707	2,385	2,385
2.707	165,404	165,404
3.706	309,405	309,405
4.706	469,946	469,946
5.706	628,018	628,018
6.706	797,505	797,505
7.707	953,855	953,855
8.706	1,112,243	1,112,243
9.706	1,269,187	1,269,187
10.706	1,424,712	1,424,712
11.706	1,596,777	1,596,777
12.706	1,750,542	1,750,542
13.707	1,750,542	1,750,542
14.706	1,750,542	1,750,542
15.706	1,750,542	1,750,542
16.707	1,750,542	1,750,542
17.706	1,750,542	1,750,542
18.706	1,750,542	1,750,542
19.706	1,750,542	1,750,542
20.706	1,750,542	1,750,542
21.706	1,750,542	1,750,542
22.706	1,750,542	1,750,542
23.707	1,750,542	1,750,542
24.707	1,750,542	1,750,542

time	appRxFrameData	appTxFrameData
25.706	1,750,542	1,750,542
26.706	1,750,542	1,750,542
27.370	1,750,542	1,750,542

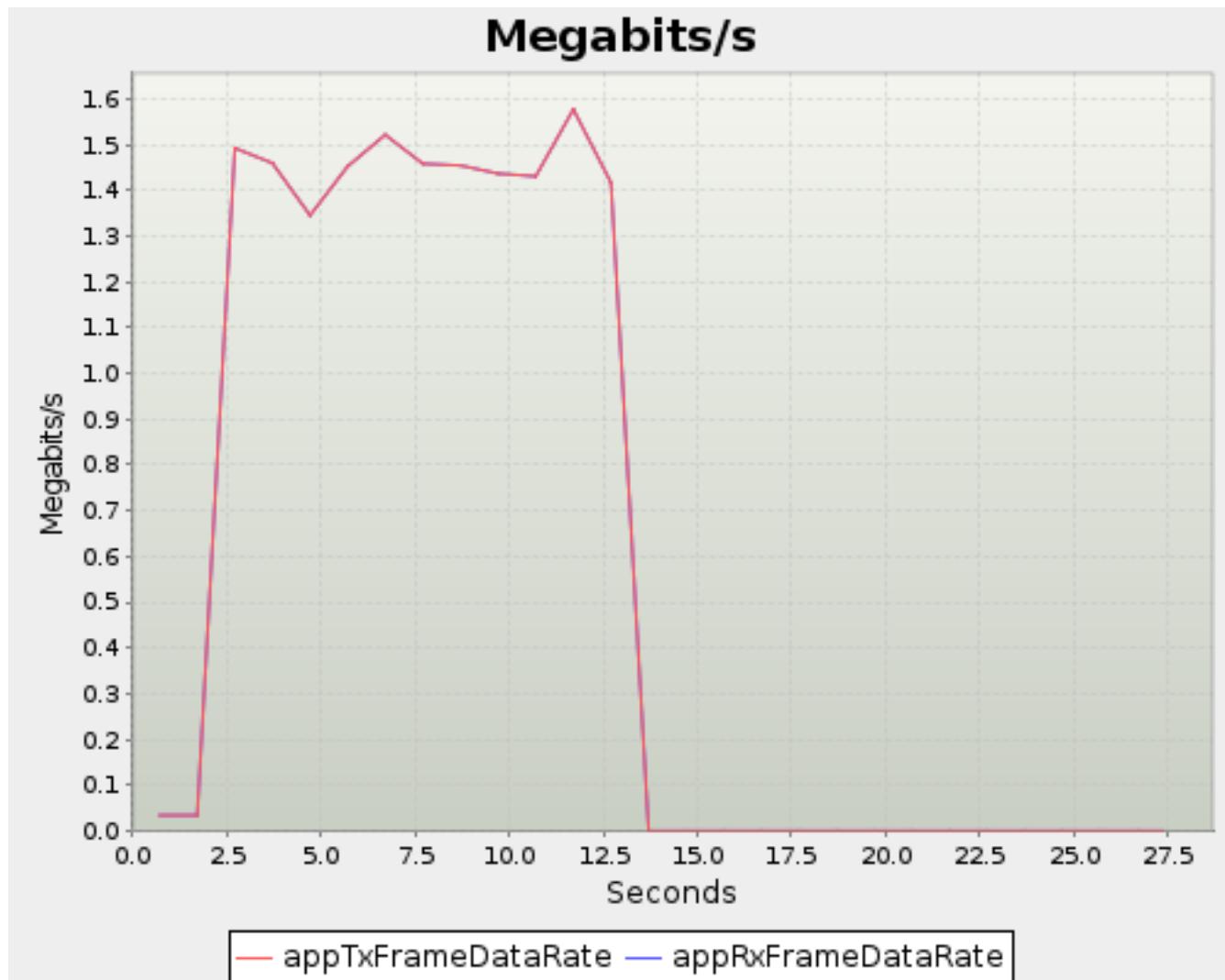
6.3.20.4. Frames/s



time	appRxFrameRate	appTxFrameRate
0.707	27.820710973724875	27.820710973724875
1.707	27.820710973724875	27.820710973724875
2.707	1,195.60878243513	1,195.60878243513
3.706	1,169.060773480664	1,169.060773480664
4.706	1,073.1261425959774	1,073.1261425959774
5.706	1,169.1691691691701	1,169.1691691691701
6.706	1,219.1780821917805	1,219.1780821917805
7.707	1,163.7843336724313	1,163.7843336724313
8.706	1,165.1651651651653	1,165.1651651651653
9.706	1,142.8571428571406	1,142.8571428571406
10.706	1,152.3046092184372	1,152.3046092184372
11.706	1,264.735264735266	1,264.735264735266
12.706	1,138.5542168674706	1,138.5542168674706
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	appRxFrameRate	appTxFrameRate
25.706	0	0
26.706	0	0
27.370	0	0

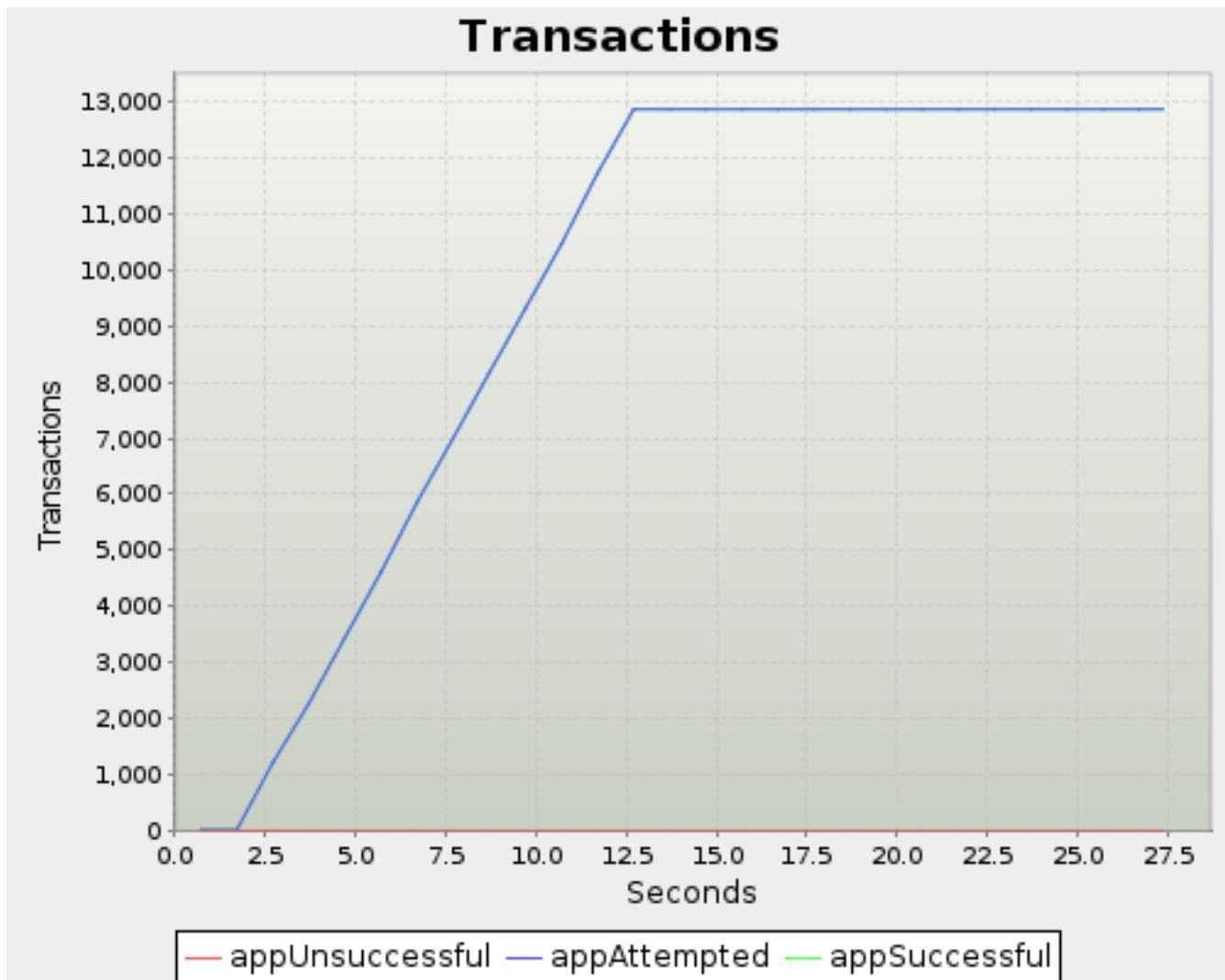
6.3.20.5. Megabits/s



time	appRxFrameDataRate	appTxFrameDataRate
0.707	0.03394	0.03394
1.707	0.03394	0.03394
2.707	1.493	1.493
3.706	1.46	1.46
4.706	1.346	1.346
5.706	1.453	1.453
6.706	1.522	1.522
7.707	1.459	1.459
8.706	1.455	1.455
9.706	1.437	1.437
10.706	1.431	1.431
11.706	1.578	1.578
12.706	1.417	1.417
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0

time	appRxFrameDataRate	appTxFrameDataRate
25.706	0	0
26.706	0	0
27.370	0	0

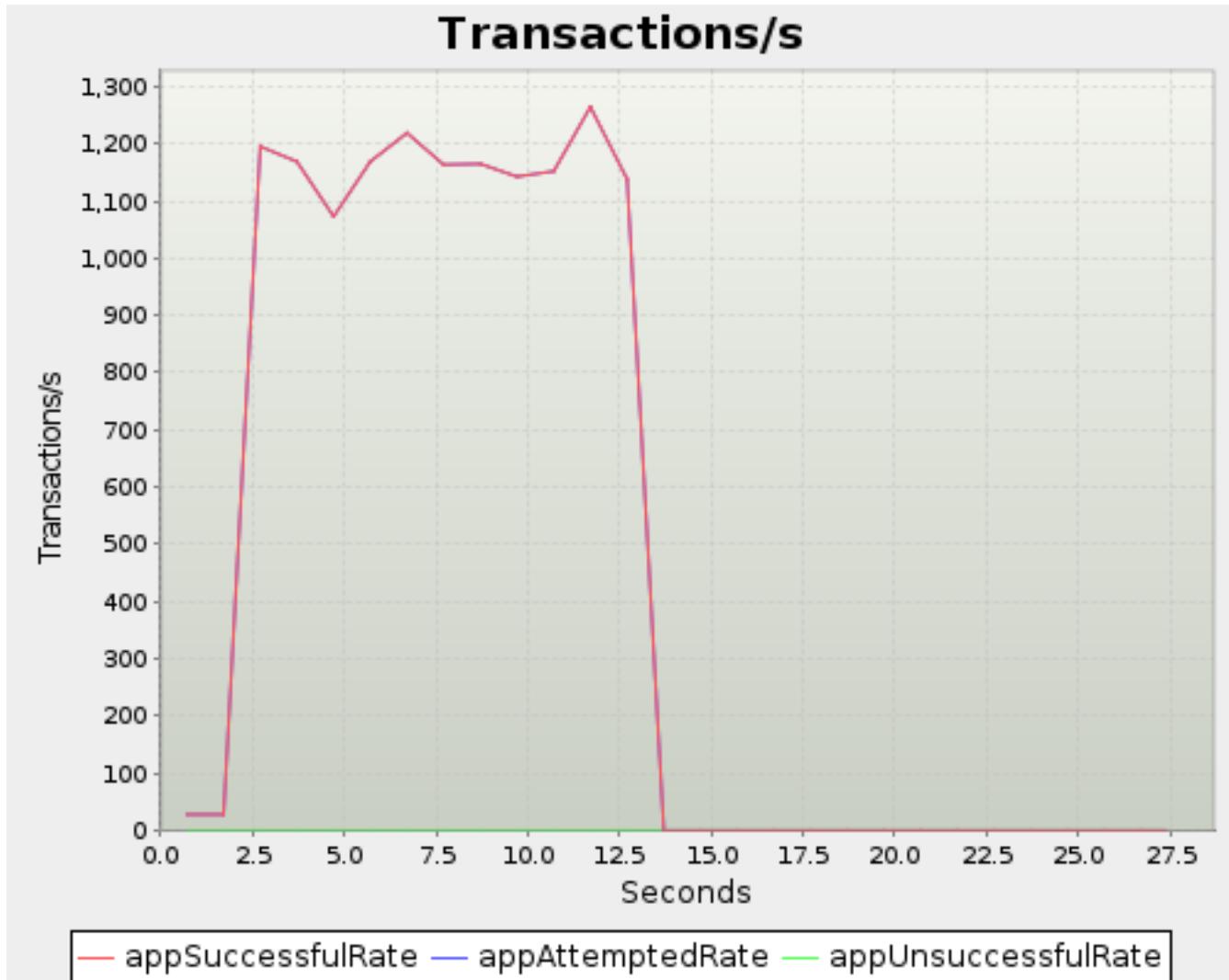
6.3.20.6. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
0.707	18	18	0
1.707	18	18	0
2.707	1,216	1,216	0
3.706	2,274	2,274	0
4.706	3,448	3,448	0
5.706	4,616	4,616	0
6.706	5,862	5,862	0
7.707	7,006	7,006	0
8.706	8,170	8,170	0
9.706	9,314	9,314	0
10.706	10,464	10,464	0
11.706	11,730	11,730	0
12.706	12,864	12,864	0
13.707	12,864	12,864	0
14.706	12,864	12,864	0
15.706	12,864	12,864	0
16.707	12,864	12,864	0
17.706	12,864	12,864	0
18.706	12,864	12,864	0
19.706	12,864	12,864	0
20.706	12,864	12,864	0
21.706	12,864	12,864	0
22.706	12,864	12,864	0
23.707	12,864	12,864	0
24.707	12,864	12,864	0

time	appAttempted	appSuccessful	appUnsuccessful
25.706	12,864	12,864	0
26.706	12,864	12,864	0
27.370	12,864	12,864	0

6.3.20.7. Transactions/s

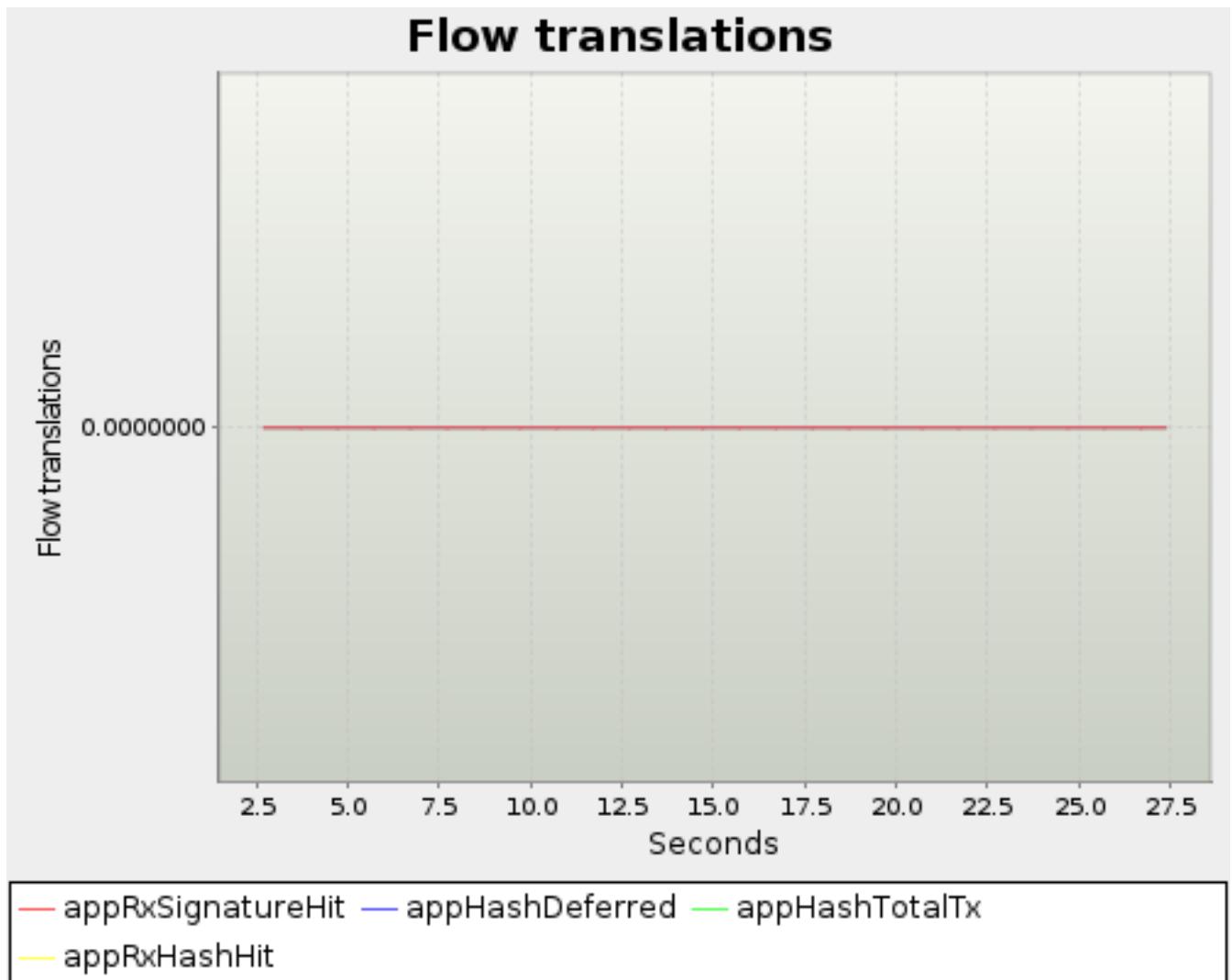


time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
0.707	27.82	27.82	0
1.707	27.82	27.82	0
2.707	1,196	1,196	0
3.706	1,169	1,169	0
4.706	1,073	1,073	0
5.706	1,169	1,169	0
6.706	1,219	1,219	0
7.707	1,164	1,164	0
8.706	1,165	1,165	0
9.706	1,143	1,143	0
10.706	1,152	1,152	0
11.706	1,265	1,265	0
12.706	1,139	1,139	0
13.707	0	0	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	0	0	0
18.706	0	0	0
19.706	0	0	0
20.706	0	0	0
21.706	0	0	0
22.706	0	0	0
23.707	0	0	0
24.707	0	0	0

time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
25.706	0	0	0
26.706	0	0	0
27.370	0	0	0

6.3.21. [protocol=SIP]

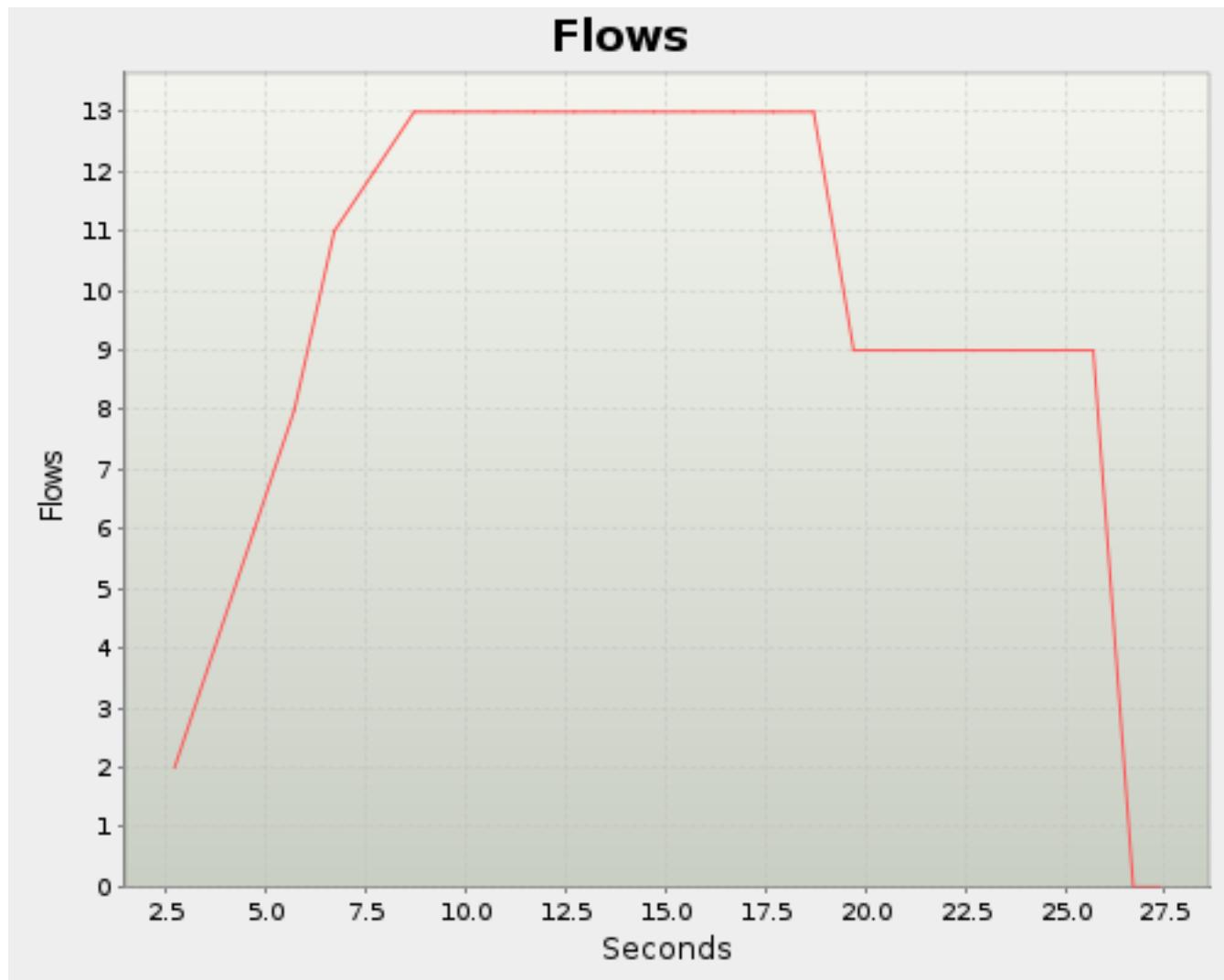
6.3.21.1. Flow translations



time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
2.707	0	0	0	0
3.706	0	0	0	0
4.706	0	0	0	0
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0
25.706	0	0	0	0
26.706	0	0	0	0

time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
27.370	0	0	0	0

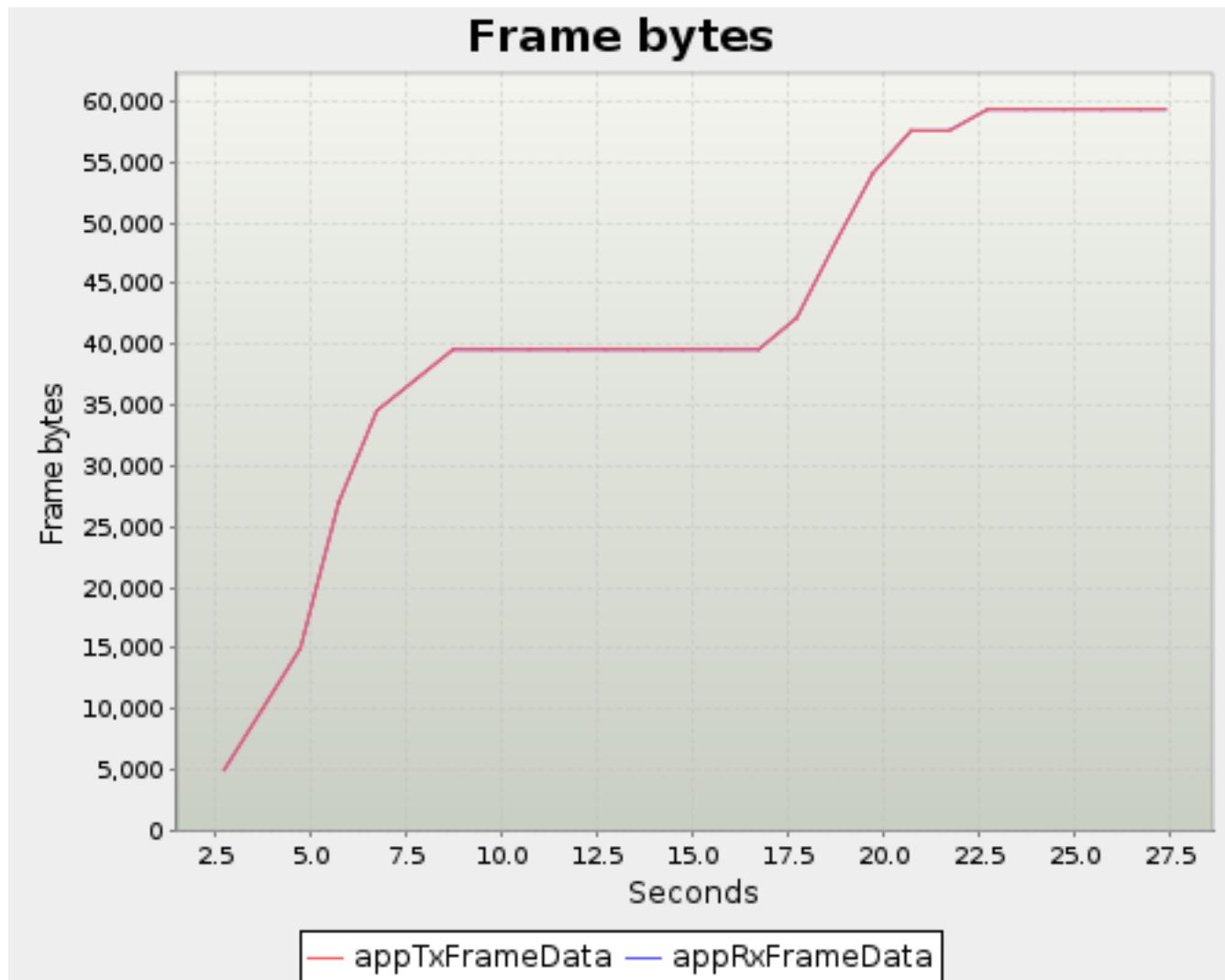
6.3.21.2. Flows



time	concurrentAppFlows
2.707	2
3.706	4
4.706	6
5.706	8
6.706	11
7.707	12
8.706	13
9.706	13
10.706	13
11.706	13
12.706	13
13.707	13
14.706	13
15.706	13
16.707	13
17.706	13
18.706	13
19.706	9
20.706	9
21.706	9
22.706	9
23.707	9
24.707	9
25.706	9
26.706	0

time	concurrentAppFlows
27.370	0

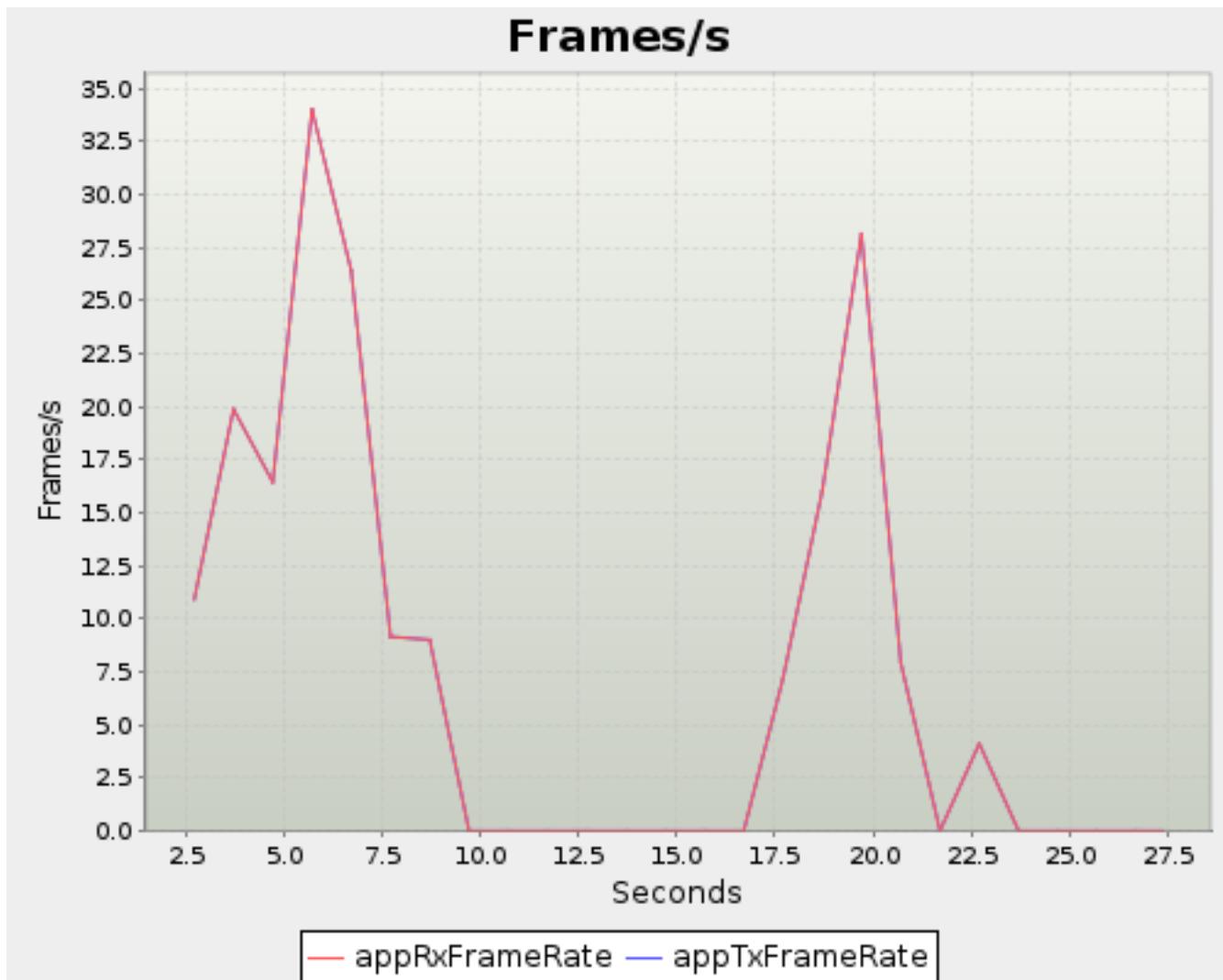
6.3.21.3. Frame bytes



time	appRxFrameData	appTxFrameData
2.707	4,998	4,998
3.706	10,001	10,001
4.706	15,035	15,035
5.706	26,998	26,998
6.706	34,552	34,552
7.707	37,073	37,073
8.706	39,593	39,593
9.706	39,593	39,593
10.706	39,593	39,593
11.706	39,593	39,593
12.706	39,593	39,593
13.707	39,593	39,593
14.706	39,593	39,593
15.706	39,593	39,593
16.707	39,593	39,593
17.706	42,193	42,193
18.706	48,287	48,287
19.706	54,109	54,109
20.706	57,597	57,597
21.706	57,597	57,597
22.706	59,341	59,341
23.707	59,341	59,341
24.707	59,341	59,341
25.706	59,341	59,341
26.706	59,341	59,341

time	appRxFrameData	appTxFrameData
27.370	59,341	59,341

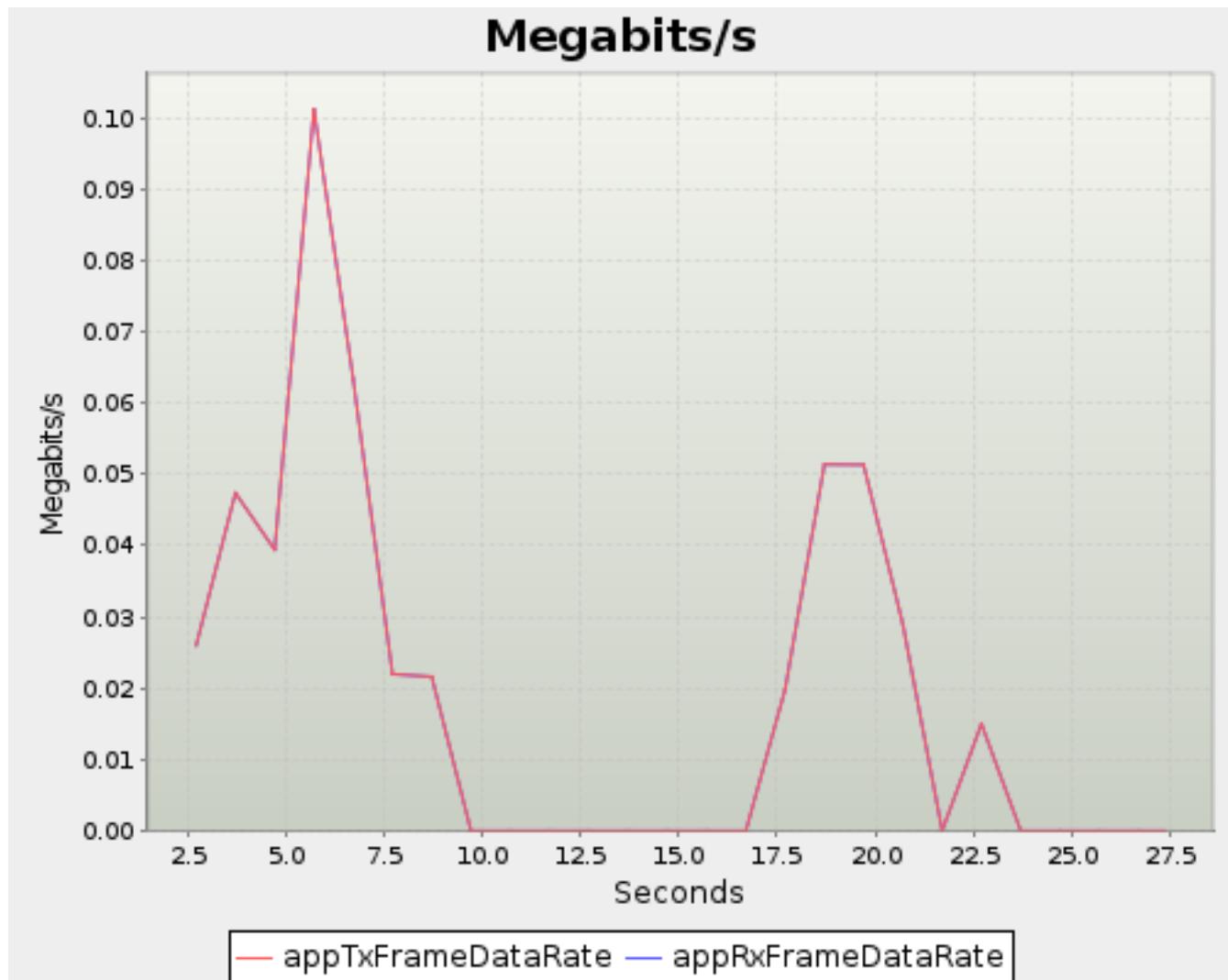
6.3.21.4. Frames/s



time	appRxFrameRate	appTxFrameRate
2.707	10.915706488781083	10.915706488781083
3.706	19.889502762430936	19.889502762430936
4.706	16.453382084095054	16.453382084095054
5.706	34.03403403403406	34.03403403403406
6.706	26.41878669275928	26.41878669275928
7.707	9.155645981688714	9.155645981688714
8.706	9.009009009009008	9.009009009009008
9.706	0	0
10.706	0	0
11.706	0	0
12.706	0	0
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	7.187780772686422	7.187780772686422
18.706	16.032064128256568	16.032064128256568
19.706	28.16901408450694	28.16901408450694
20.706	7.936507936507944	7.936507936507944
21.706	0	0
22.706	4.1109969167523	4.1109969167523
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameRate	appTxFrameRate
27.370	0	0

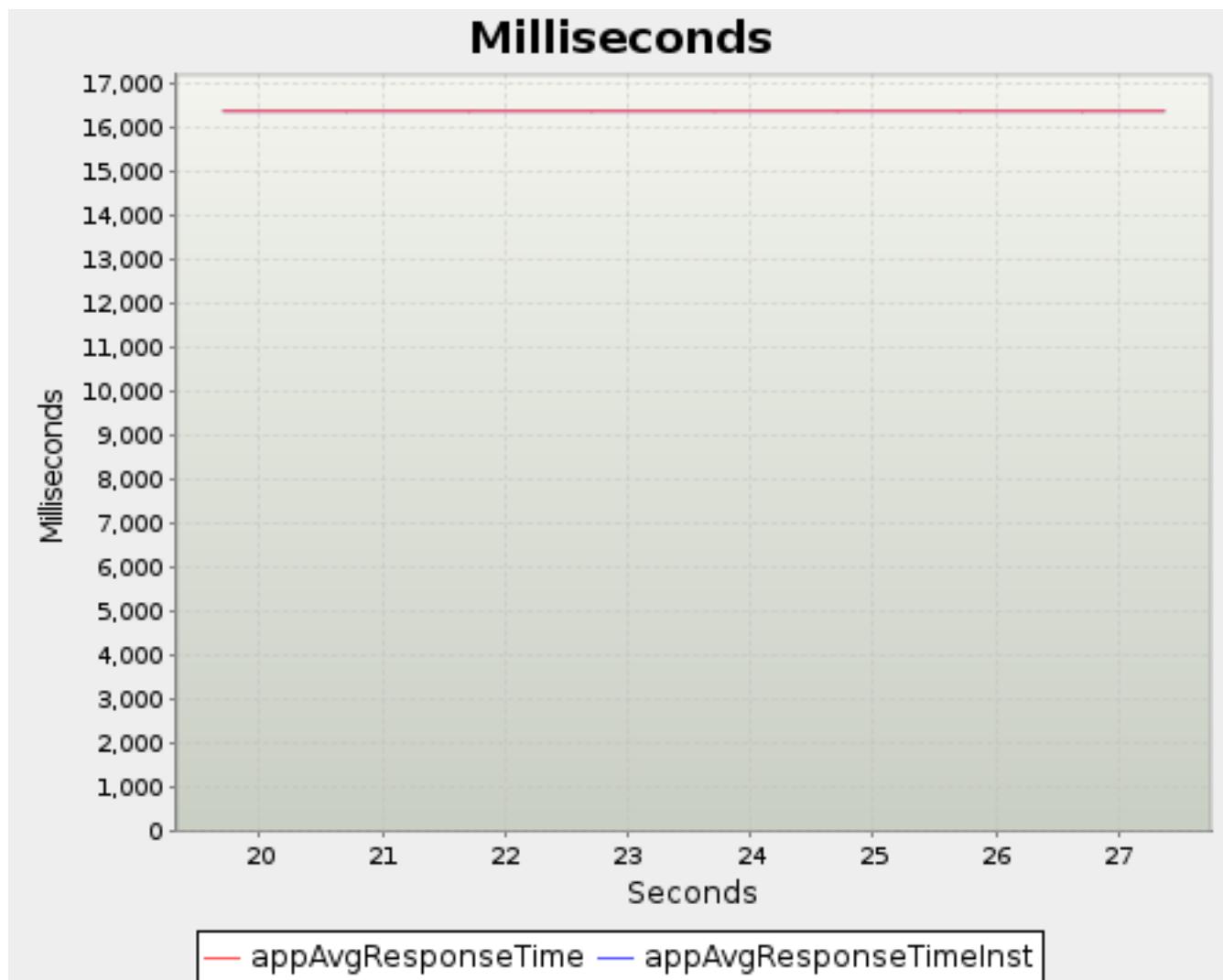
6.3.21.5. Megabits/s



time	appRxFrameDataRate	appTxFrameDataRate
2.707	0.02599	0.02599
3.706	0.04741	0.04741
4.706	0.03944	0.03944
5.706	0.1012	0.1012
6.706	0.06336	0.06336
7.707	0.02198	0.02198
8.706	0.02162	0.02162
9.706	0	0
10.706	0	0
11.706	0	0
12.706	0	0
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0.01984	0.01984
18.706	0.05141	0.05141
19.706	0.05136	0.05136
20.706	0.02895	0.02895
21.706	0	0
22.706	0.015	0.015
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameDataRate	appTxFrameDataRate
27.370	0	0

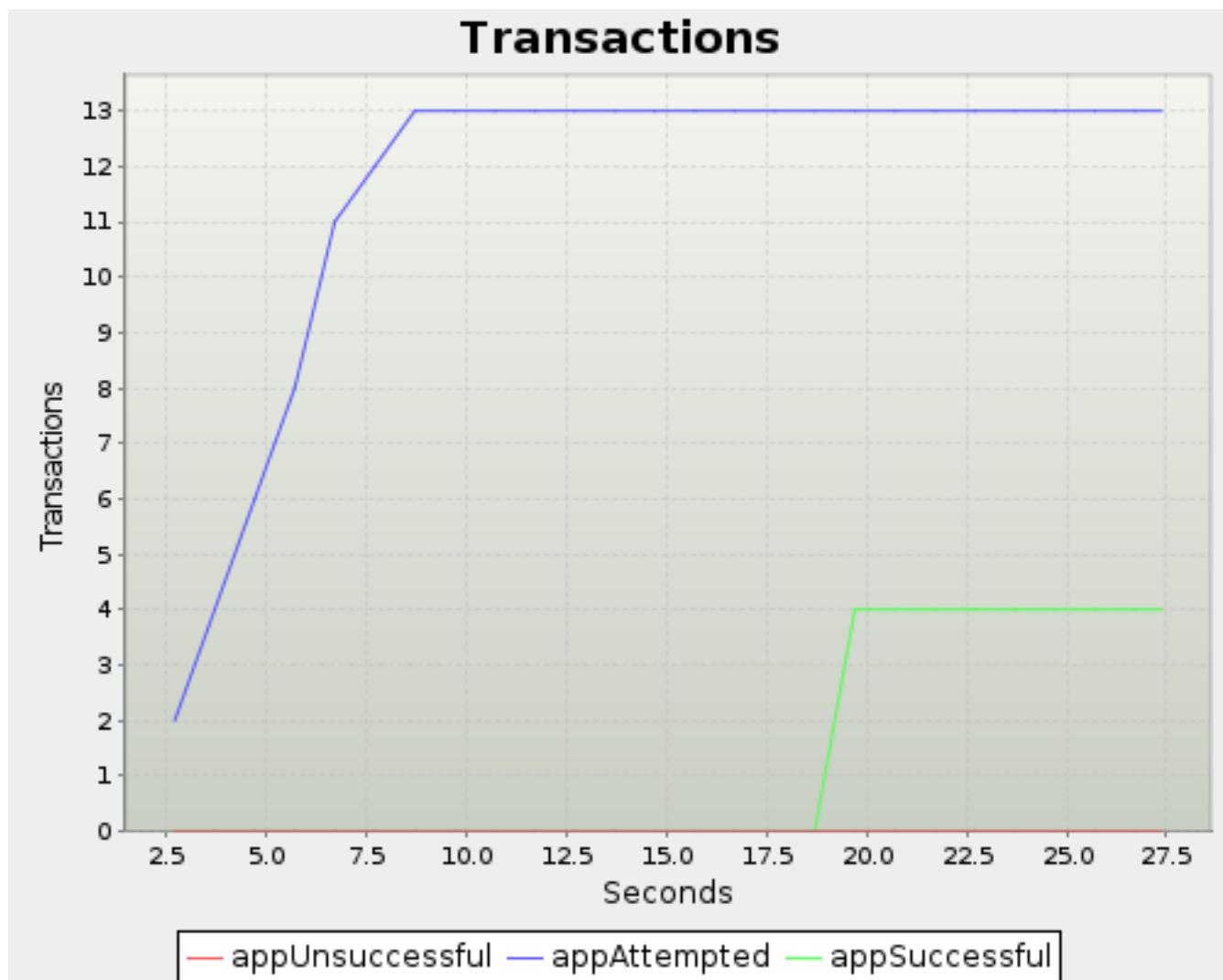
6.3.21.6. Milliseconds



time	appAvgResponseTime	appAvgResponseTimeInst
2.707		
3.706		
4.706		
5.706		
6.706		
7.707		
8.706		
9.706		
10.706		
11.706		
12.706		
13.707		
14.706		
15.706		
16.707		
17.706		
18.706		
19.706	16,365.75	16,365.75
20.706	16,365.75	16,365.75
21.706	16,365.75	16,365.75
22.706	16,365.75	16,365.75
23.707	16,365.75	16,365.75
24.707	16,365.75	16,365.75
25.706	16,365.75	16,365.75
26.706	16,365.75	16,365.75

time	appAvgResponseTime	appAvgResponseTimelnst
27.370	16,365.75	16,365.75

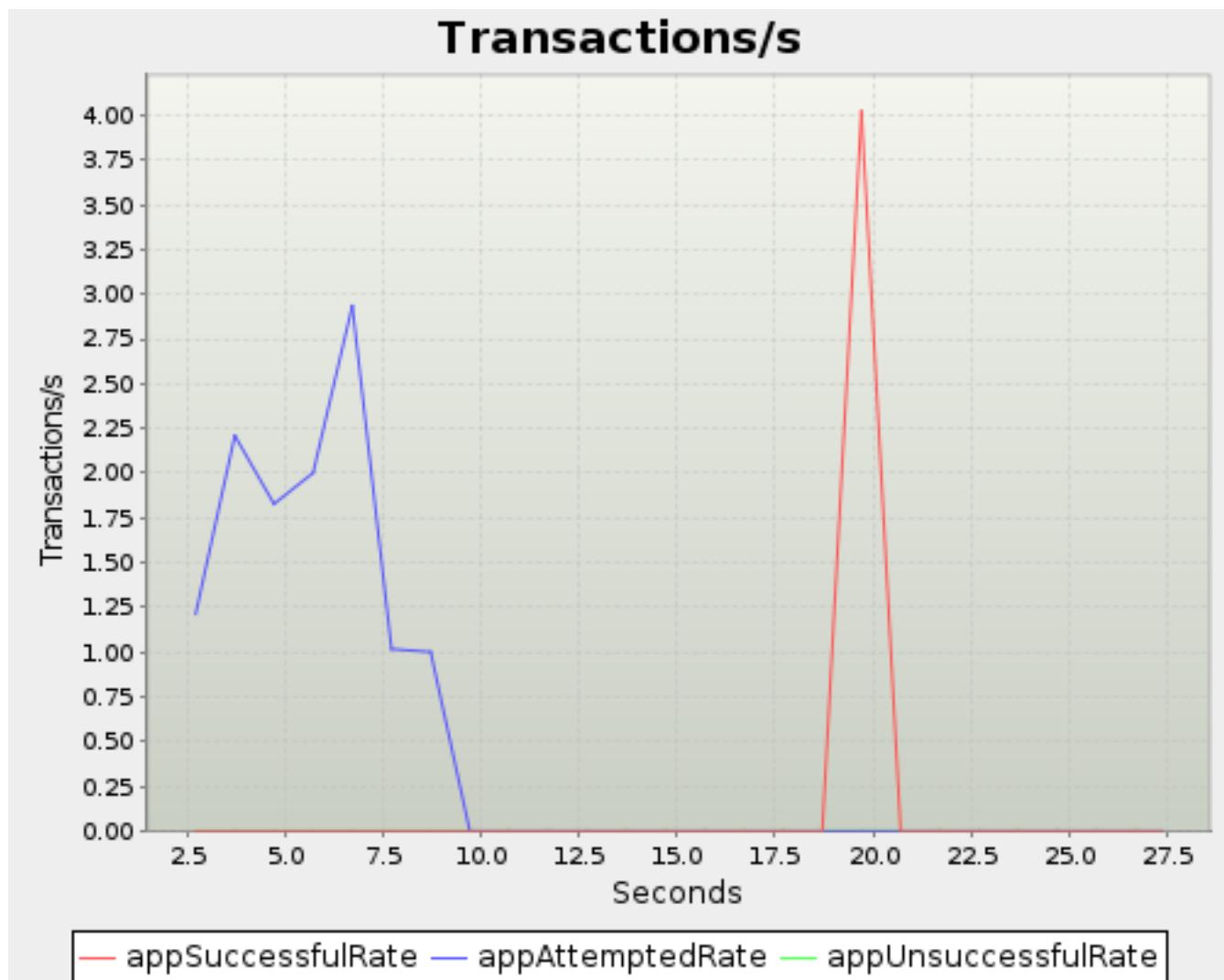
6.3.21.7. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
2.707	2	0	0
3.706	4	0	0
4.706	6	0	0
5.706	8	0	0
6.706	11	0	0
7.707	12	0	0
8.706	13	0	0
9.706	13	0	0
10.706	13	0	0
11.706	13	0	0
12.706	13	0	0
13.707	13	0	0
14.706	13	0	0
15.706	13	0	0
16.707	13	0	0
17.706	13	0	0
18.706	13	0	0
19.706	13	4	0
20.706	13	4	0
21.706	13	4	0
22.706	13	4	0
23.707	13	4	0
24.707	13	4	0
25.706	13	4	0
26.706	13	4	0

time	appAttempted	appSuccessful	appUnsuccessful
27.370	13	4	0

6.3.21.8. Transactions/s

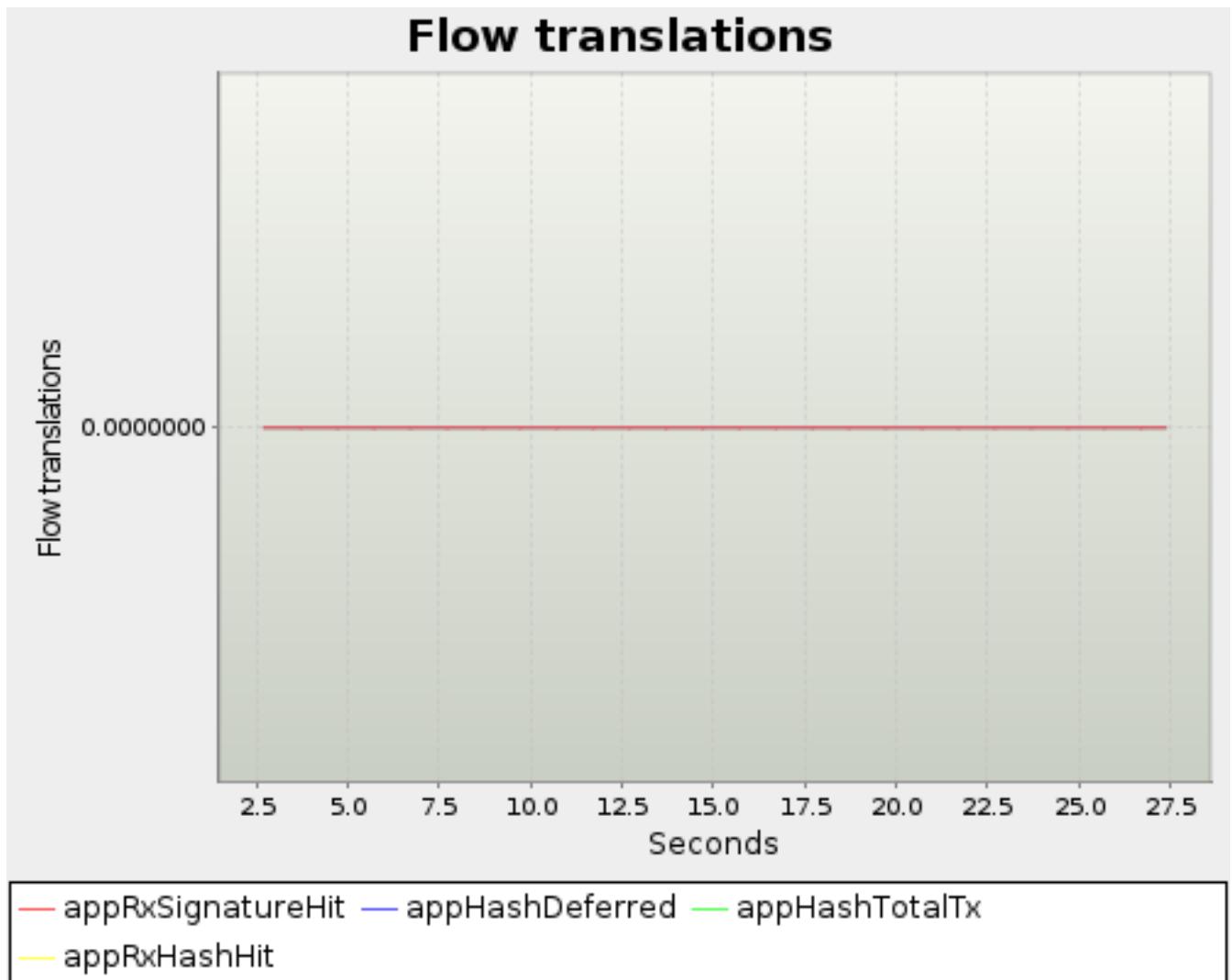


time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
2.707	1.213	0	0
3.706	2.21	0	0
4.706	1.828	0	0
5.706	2.002	0	0
6.706	2.935	0	0
7.707	1.017	0	0
8.706	1.001	0	0
9.706	0	0	0
10.706	0	0	0
11.706	0	0	0
12.706	0	0	0
13.707	0	0	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	0	0	0
18.706	0	0	0
19.706	0	4.024	0
20.706	0	0	0
21.706	0	0	0
22.706	0	0	0
23.707	0	0	0
24.707	0	0	0
25.706	0	0	0
26.706	0	0	0

time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
27.370	0	0	0

6.3.22. [protocol=SMTP]

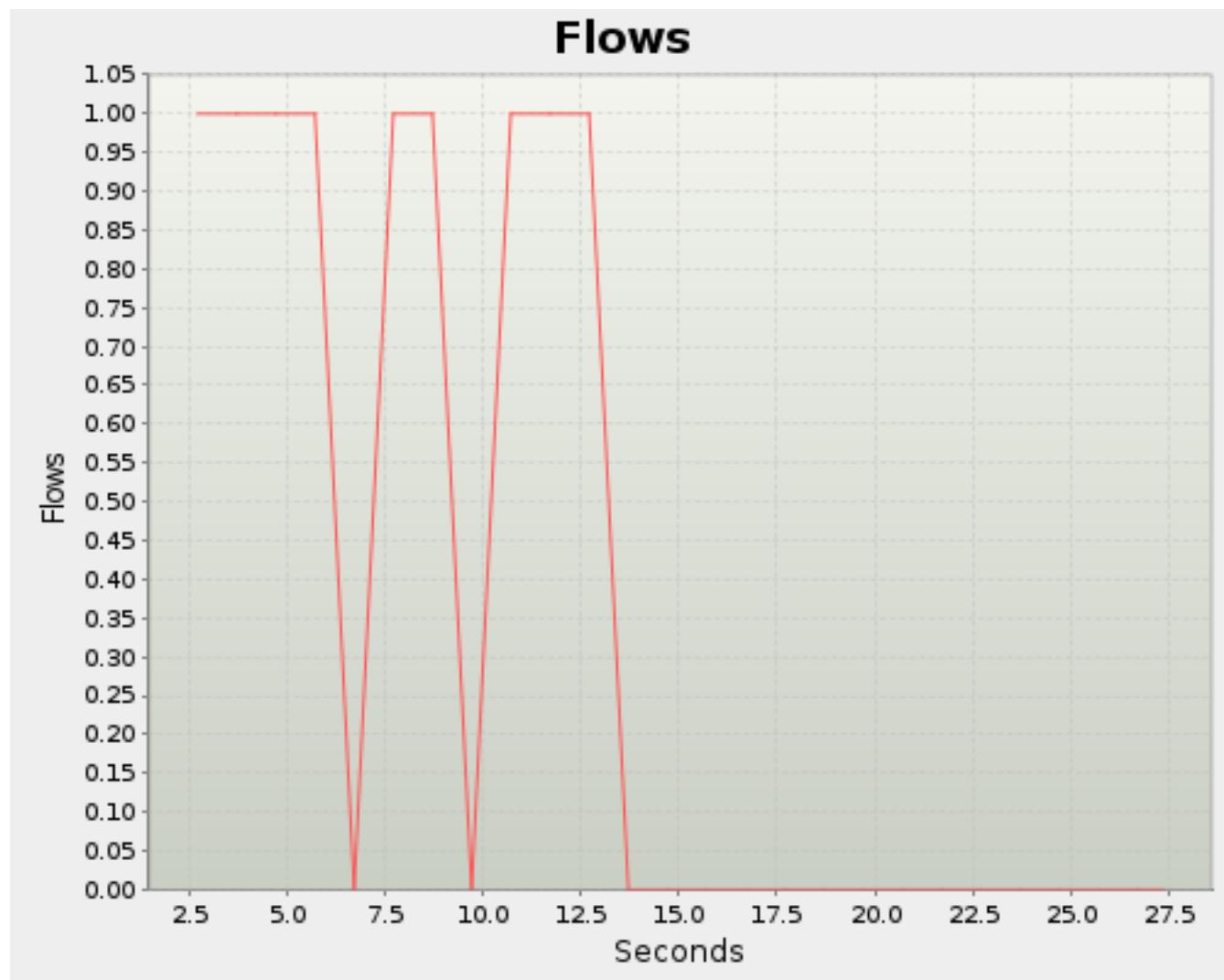
6.3.22.1. Flow translations



time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
2.707	0	0	0	0
3.706	0	0	0	0
4.706	0	0	0	0
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0
25.706	0	0	0	0
26.706	0	0	0	0

time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
27.370	0	0	0	0

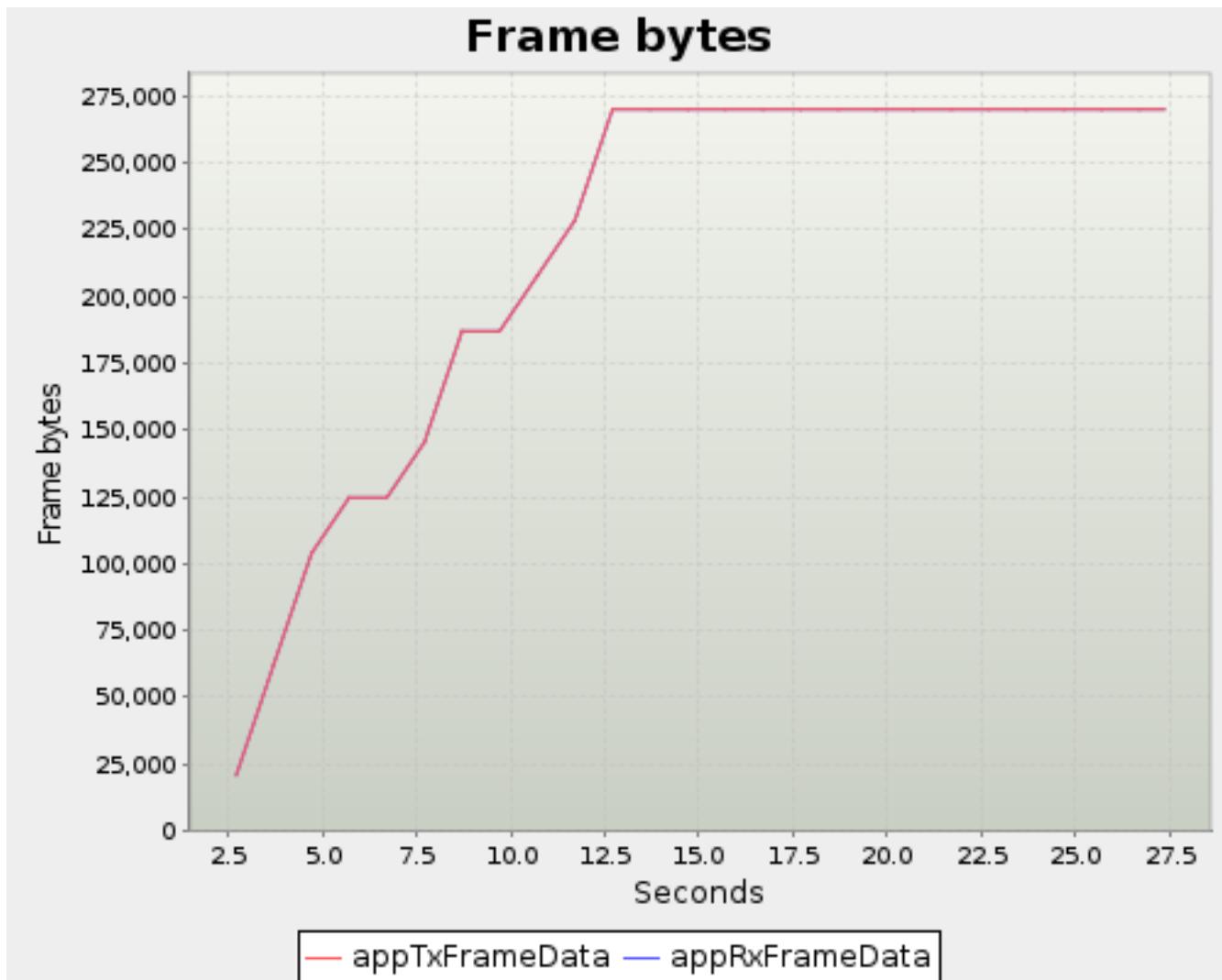
6.3.22.2. Flows



time	concurrentAppFlows
2.707	1
3.706	1
4.706	1
5.706	1
6.706	0
7.707	1
8.706	1
9.706	0
10.706	1
11.706	1
12.706	1
13.707	0
14.706	0
15.706	0
16.707	0
17.706	0
18.706	0
19.706	0
20.706	0
21.706	0
22.706	0
23.707	0
24.707	0
25.706	0
26.706	0

time	concurrentAppFlows
27.370	0

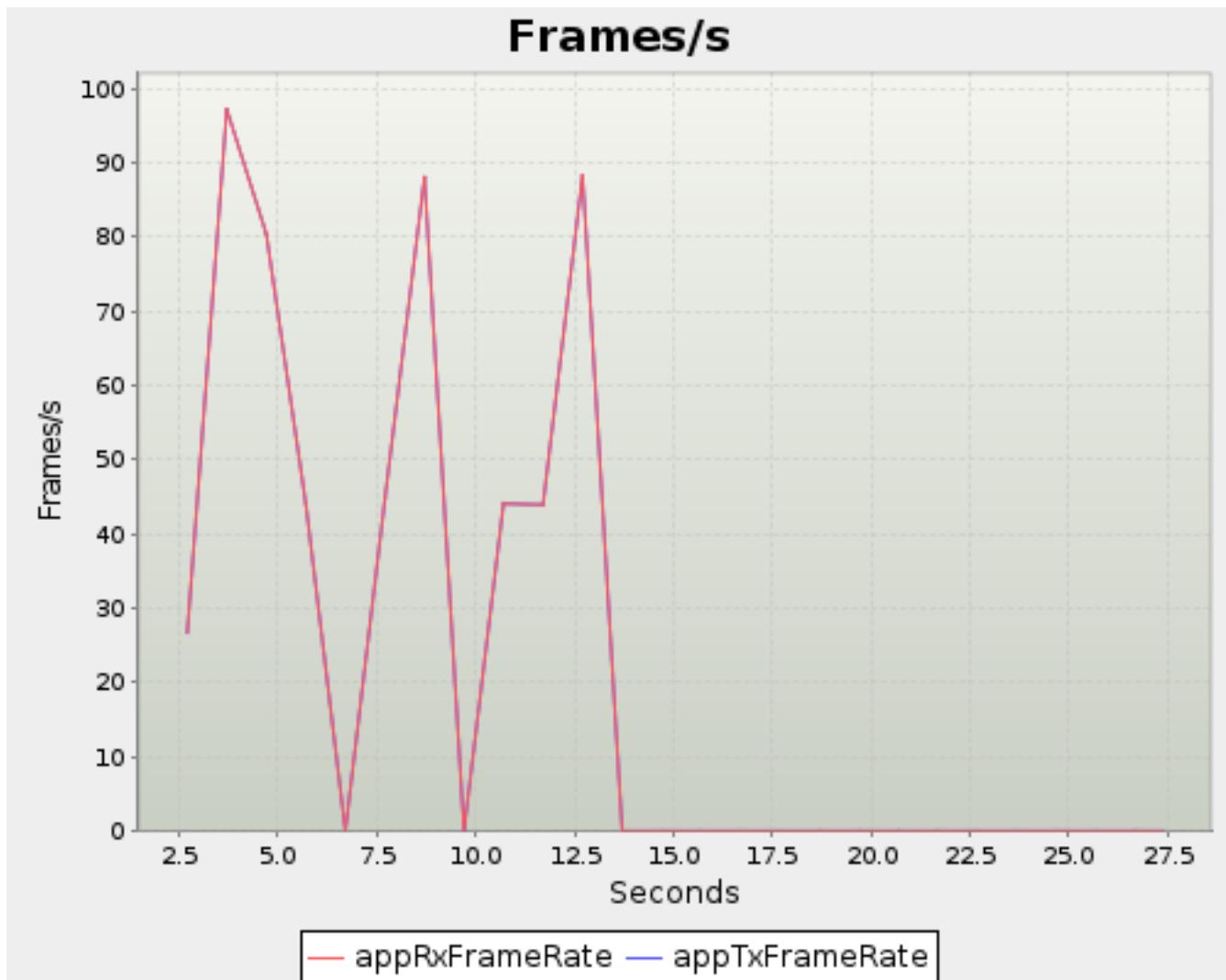
6.3.22.3. Frame bytes



time	appRxFrameData	appTxFrameData
2.707	20,835	20,835
3.706	62,415	62,415
4.706	103,905	103,905
5.706	124,740	124,740
6.706	124,740	124,740
7.707	145,485	145,485
8.706	187,065	187,065
9.706	187,065	187,065
10.706	207,810	207,810
11.706	228,555	228,555
12.706	270,135	270,135
13.707	270,135	270,135
14.706	270,135	270,135
15.706	270,135	270,135
16.707	270,135	270,135
17.706	270,135	270,135
18.706	270,135	270,135
19.706	270,135	270,135
20.706	270,135	270,135
21.706	270,135	270,135
22.706	270,135	270,135
23.707	270,135	270,135
24.707	270,135	270,135
25.706	270,135	270,135
26.706	270,135	270,135

time	appRxFrameData	appTxFrameData
27.370	270,135	270,135

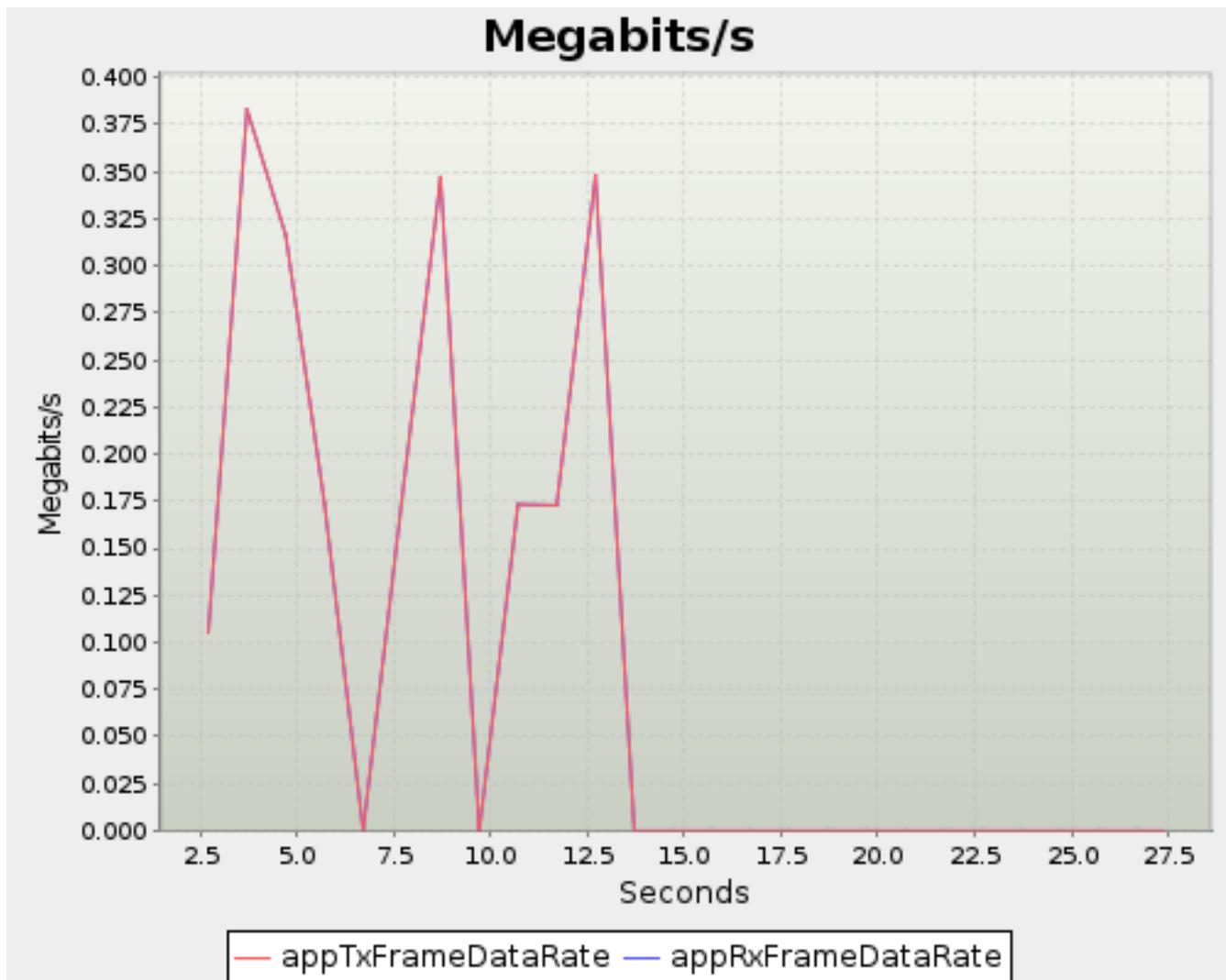
6.3.22.4. Frames/s



time	appRxFrameRate	appTxFrameRate
2.707	26.682838083687084	26.682838083687084
3.706	97.23756906077354	97.23756906077354
4.706	80.43875685557585	80.43875685557585
5.706	44.044044044044064	44.044044044044064
6.706	0	0
7.707	44.76093591047819	44.76093591047819
8.706	88.08808808808801	88.08808808808801
9.706	0	0
10.706	44.08817635270545	44.08817635270545
11.706	43.95604395604396	43.95604395604396
12.706	88.35341365461859	88.35341365461859
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameRate	appTxFrameRate
27.370	0	0

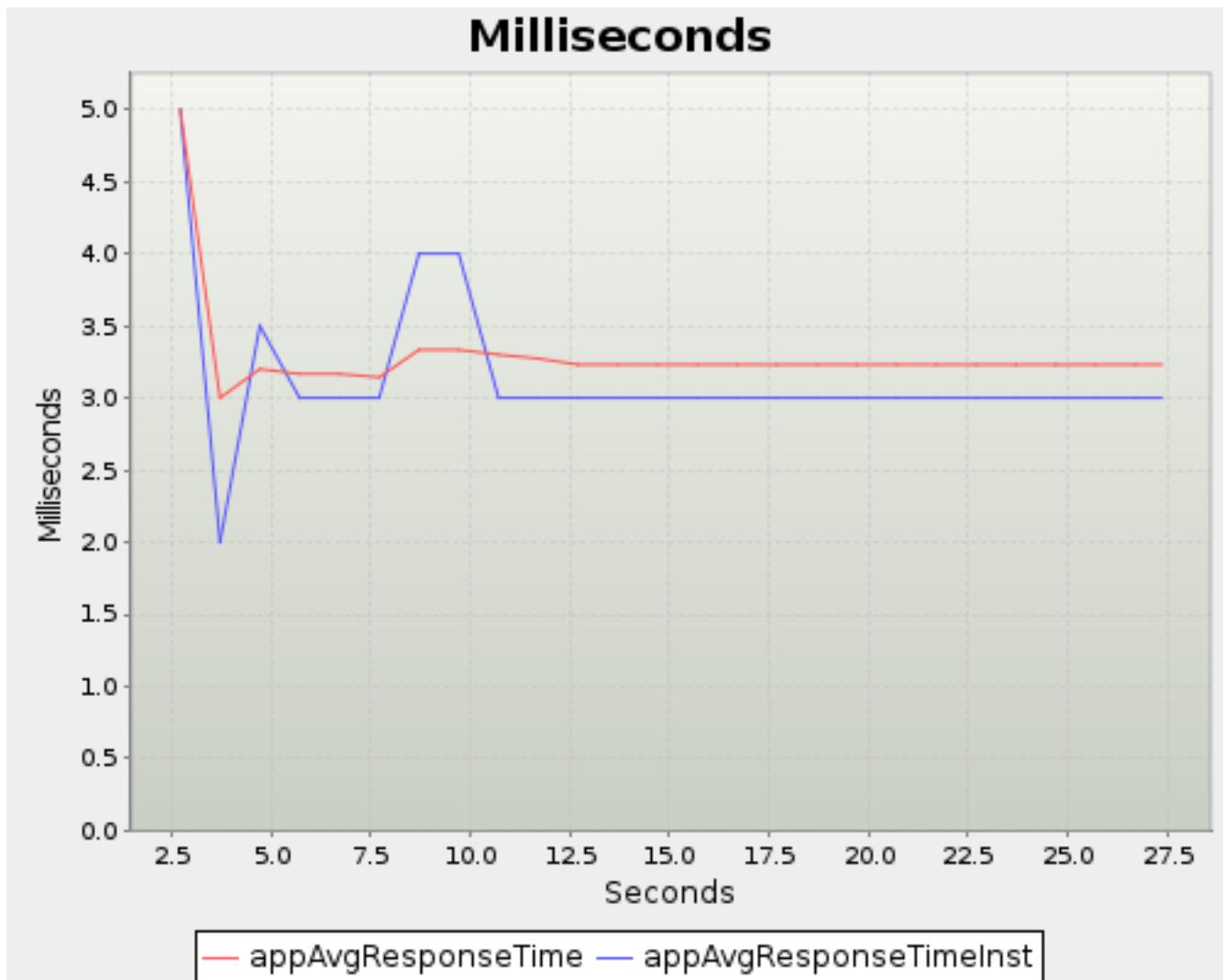
6.3.22.5. Megabits/s



time	appRxFrameDataRate	appTxFrameDataRate
2.707	0.1053	0.1053
3.706	0.3831	0.3831
4.706	0.3163	0.3163
5.706	0.1739	0.1739
6.706	0	0
7.707	0.176	0.176
8.706	0.3471	0.3471
9.706	0	0
10.706	0.1733	0.1733
11.706	0.1728	0.1728
12.706	0.3481	0.3481
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameDataRate	appTxFrameDataRate
27.370	0	0

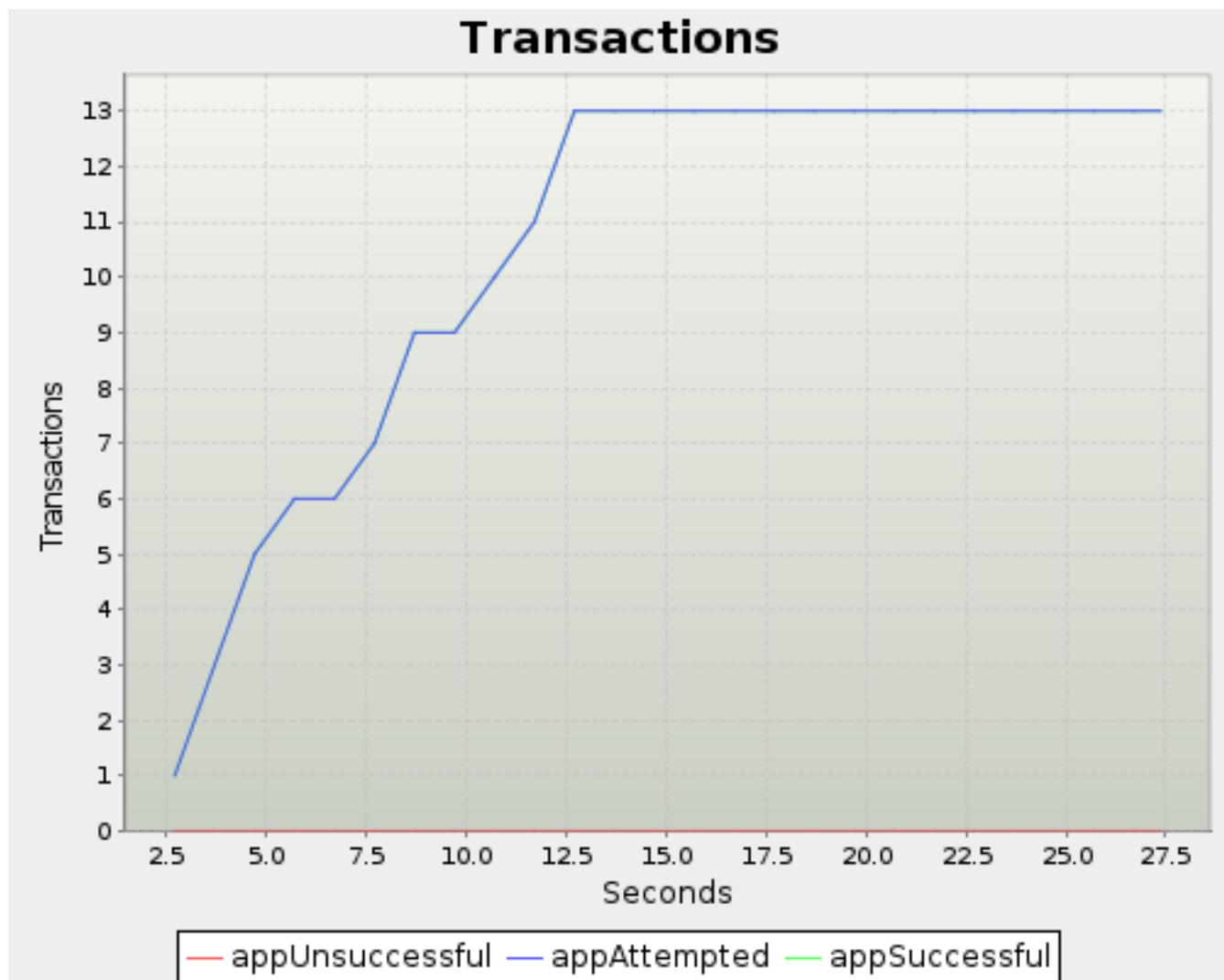
6.3.22.6. Milliseconds



time	appAvgResponseTime	appAvgResponseTimeInst
2.707	5	5
3.706	3	2
4.706	3.2	3.5
5.706	3.1666666666666665	3
6.706	3.1666666666666665	3
7.707	3.142857142857143	3
8.706	3.3333333333333335	4
9.706	3.3333333333333335	4
10.706	3.3	3
11.706	3.272727272727273	3
12.706	3.230769230769231	3
13.707	3.230769230769231	3
14.706	3.230769230769231	3
15.706	3.230769230769231	3
16.707	3.230769230769231	3
17.706	3.230769230769231	3
18.706	3.230769230769231	3
19.706	3.230769230769231	3
20.706	3.230769230769231	3
21.706	3.230769230769231	3
22.706	3.230769230769231	3
23.707	3.230769230769231	3
24.707	3.230769230769231	3
25.706	3.230769230769231	3
26.706	3.230769230769231	3

time	appAvgResponseTime	appAvgResponseTimelnst
27.370	3.230769230769231	3

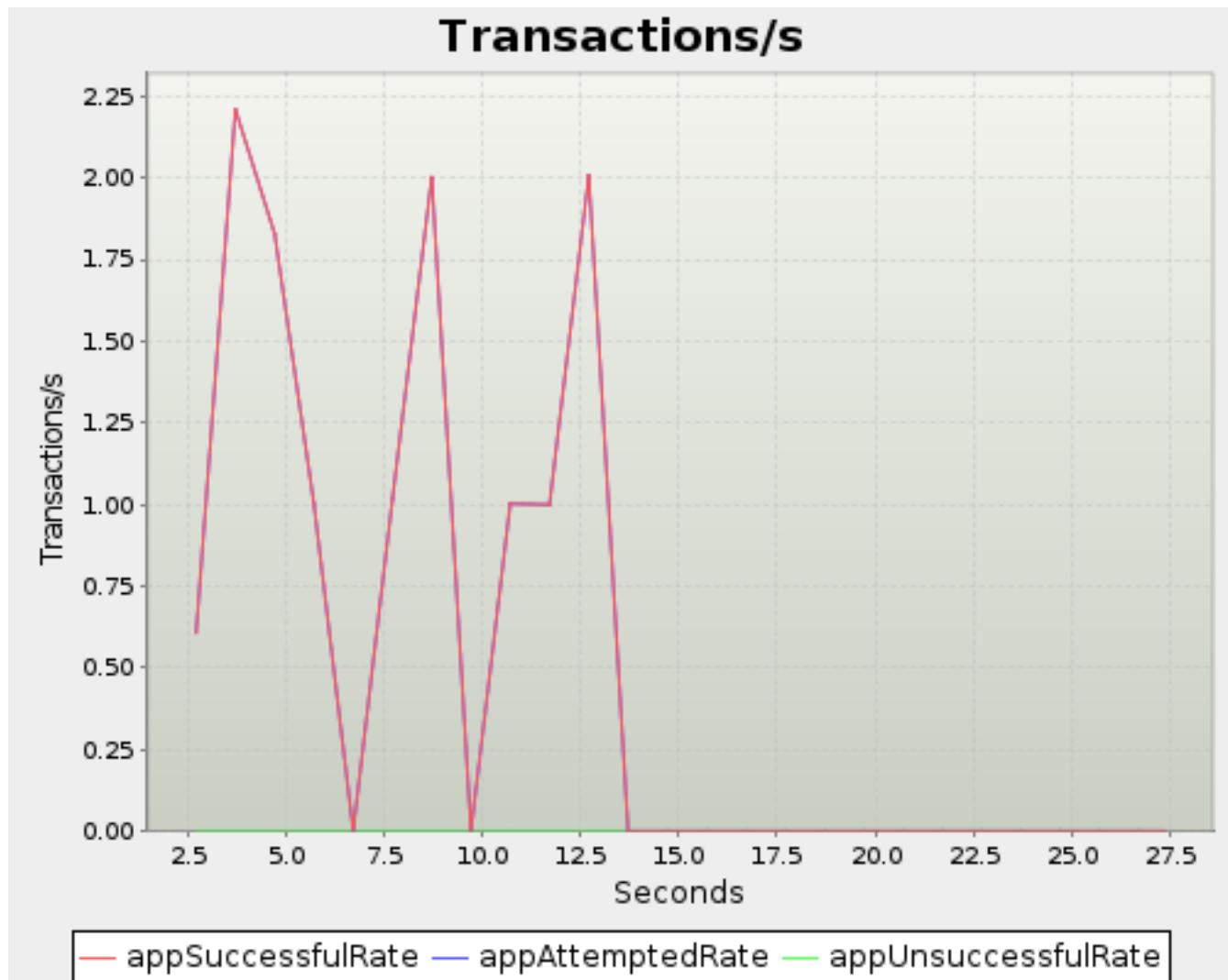
6.3.22.7. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
2.707	1	1	0
3.706	3	3	0
4.706	5	5	0
5.706	6	6	0
6.706	6	6	0
7.707	7	7	0
8.706	9	9	0
9.706	9	9	0
10.706	10	10	0
11.706	11	11	0
12.706	13	13	0
13.707	13	13	0
14.706	13	13	0
15.706	13	13	0
16.707	13	13	0
17.706	13	13	0
18.706	13	13	0
19.706	13	13	0
20.706	13	13	0
21.706	13	13	0
22.706	13	13	0
23.707	13	13	0
24.707	13	13	0
25.706	13	13	0
26.706	13	13	0

time	appAttempted	appSuccessful	appUnsuccessful
27.370	13	13	0

6.3.22.8. Transactions/s

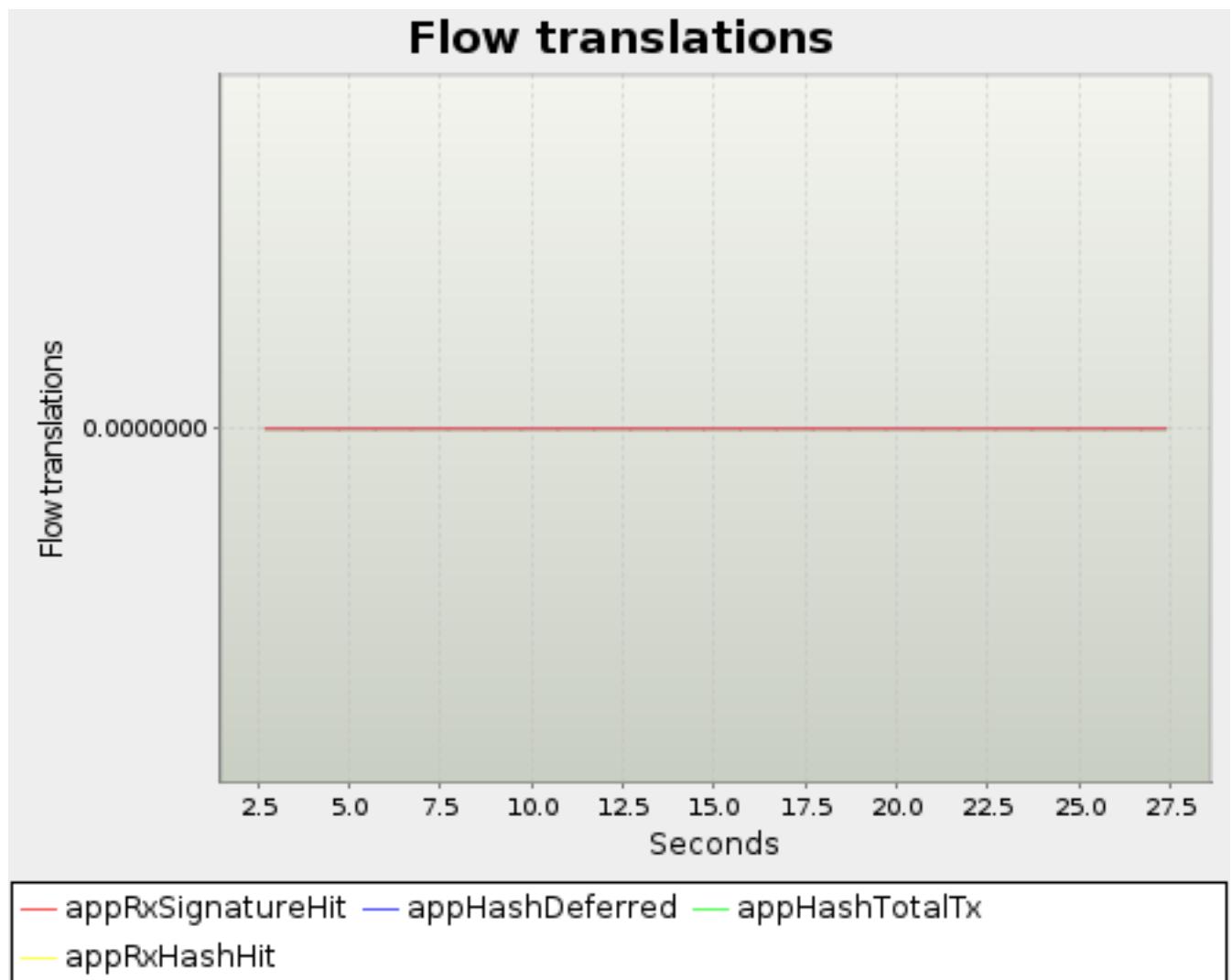


time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
2.707	0.6064	0.6064	0
3.706	2.21	2.21	0
4.706	1.828	1.828	0
5.706	1.001	1.001	0
6.706	0	0	0
7.707	1.017	1.017	0
8.706	2.002	2.002	0
9.706	0	0	0
10.706	1.002	1.002	0
11.706	0.999	0.999	0
12.706	2.008	2.008	0
13.707	0	0	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	0	0	0
18.706	0	0	0
19.706	0	0	0
20.706	0	0	0
21.706	0	0	0
22.706	0	0	0
23.707	0	0	0
24.707	0	0	0
25.706	0	0	0
26.706	0	0	0

time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
27.370	0	0	0

6.3.23. [protocol=Telnet]

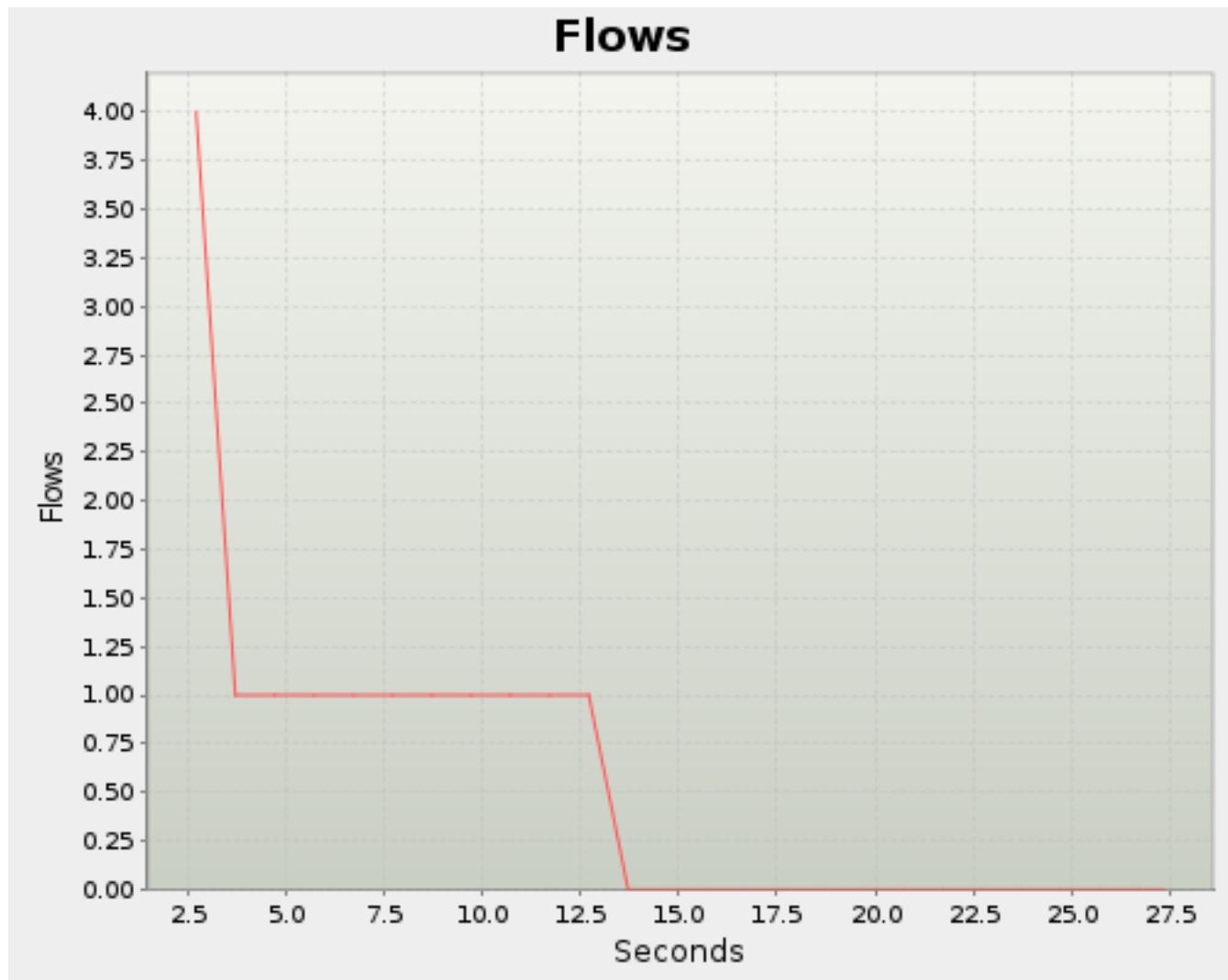
6.3.23.1. Flow translations



time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
2.707	0	0	0	0
3.706	0	0	0	0
4.706	0	0	0	0
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0
25.706	0	0	0	0
26.706	0	0	0	0

time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
27.370	0	0	0	0

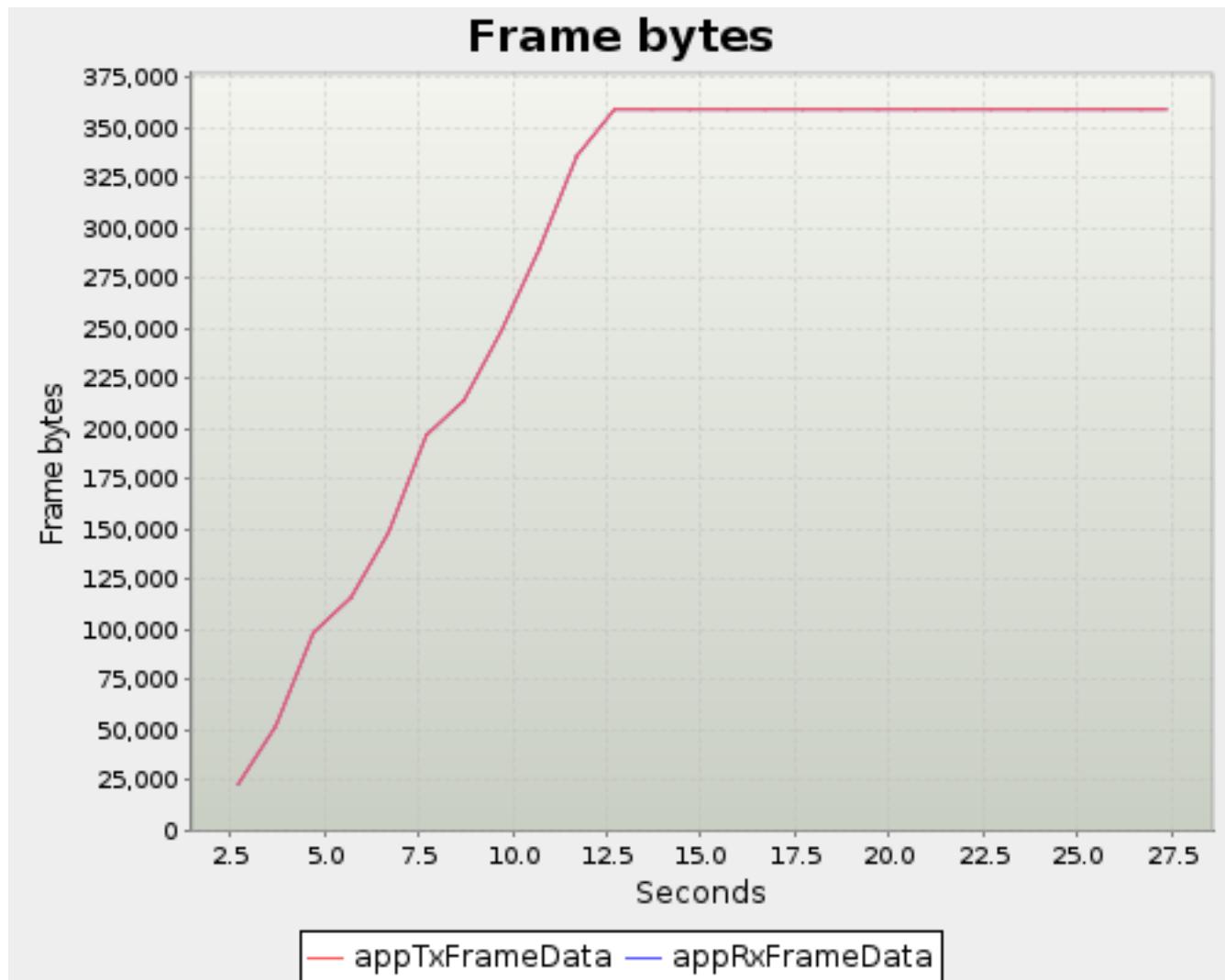
6.3.23.2. Flows



time	concurrentAppFlows
2.707	4
3.706	1
4.706	1
5.706	1
6.706	1
7.707	1
8.706	1
9.706	1
10.706	1
11.706	1
12.706	1
13.707	0
14.706	0
15.706	0
16.707	0
17.706	0
18.706	0
19.706	0
20.706	0
21.706	0
22.706	0
23.707	0
24.707	0
25.706	0
26.706	0

time	concurrentAppFlows
27.370	0

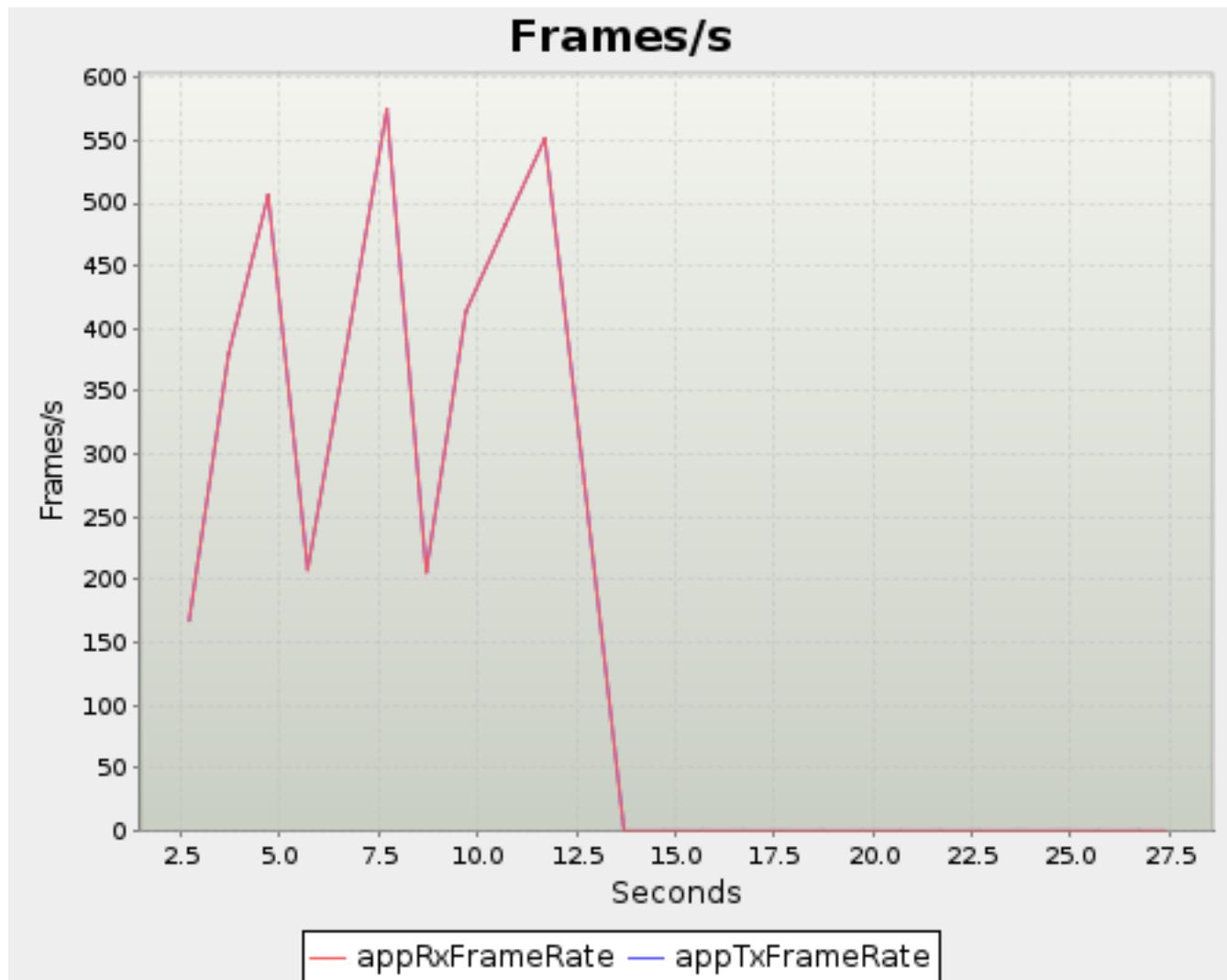
6.3.23.3. Frame bytes



time	appRxFrameData	appTxFrameData
2.707	23,212	23,212
3.706	52,137	52,137
4.706	98,741	98,741
5.706	116,240	116,240
6.706	148,732	148,732
7.707	197,122	197,122
8.706	214,441	214,441
9.706	249,259	249,259
10.706	289,790	289,790
11.706	336,214	336,214
12.706	359,426	359,426
13.707	359,426	359,426
14.706	359,426	359,426
15.706	359,426	359,426
16.707	359,426	359,426
17.706	359,426	359,426
18.706	359,426	359,426
19.706	359,426	359,426
20.706	359,426	359,426
21.706	359,426	359,426
22.706	359,426	359,426
23.707	359,426	359,426
24.707	359,426	359,426
25.706	359,426	359,426
26.706	359,426	359,426

time	appRxFrameData	appTxFrameData
27.370	359,426	359,426

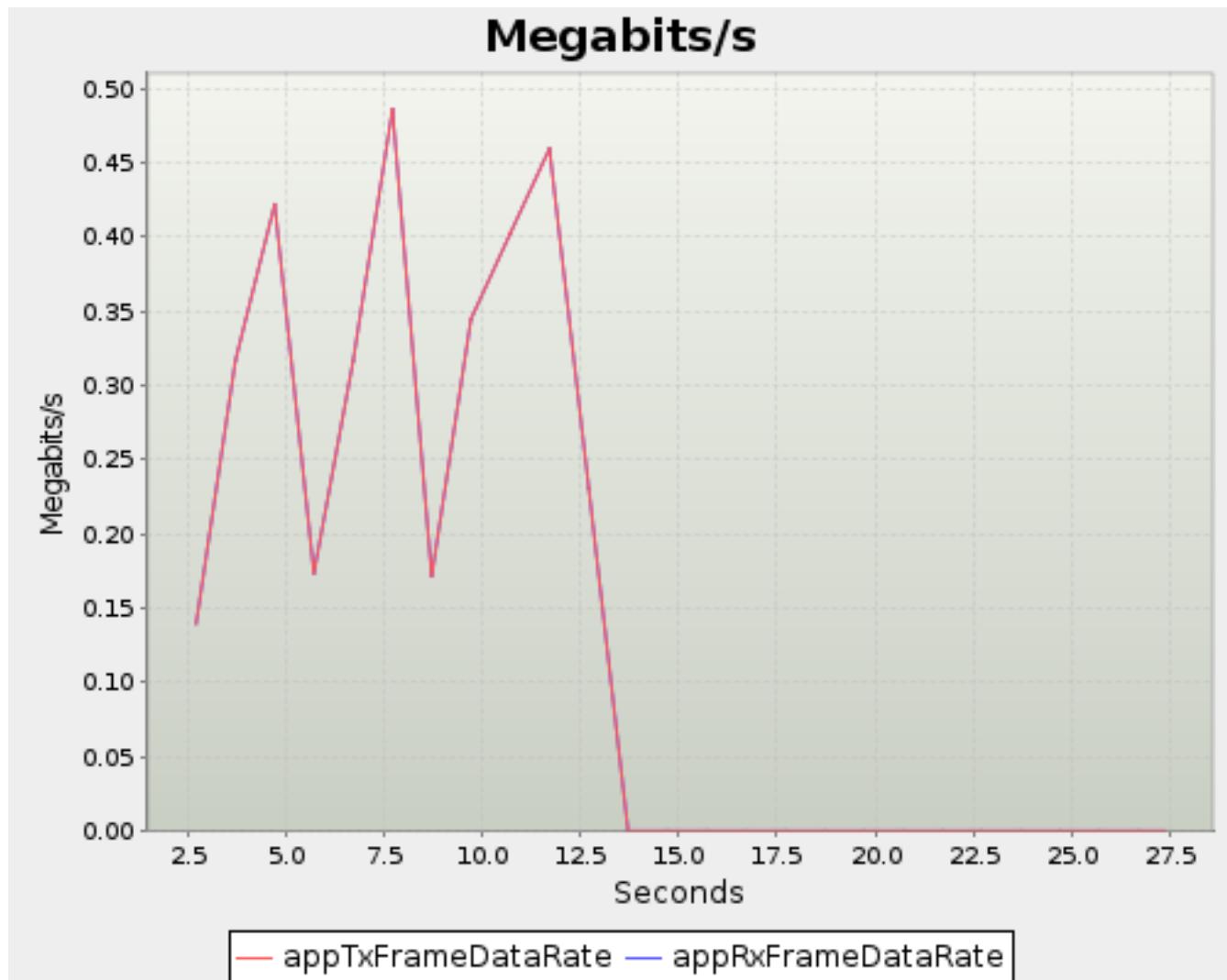
6.3.23.4. Frames/s



time	appRxFrameRate	appTxFrameRate
2.707	167.3741661613099	167.3741661613099
3.706	380.1104972375691	380.1104972375691
4.706	506.3985374771477	506.3985374771477
5.706	208.20820820820836	208.20820820820836
6.706	388.4540117416827	388.4540117416827
7.707	574.771108850458	574.771108850458
8.706	206.2062062062061	206.2062062062061
9.706	413.5864135864131	413.5864135864131
10.706	482.9659318637278	482.9659318637278
11.706	551.4485514485517	551.4485514485517
12.706	277.10843373494026	277.10843373494026
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameRate	appTxFrameRate
27.370	0	0

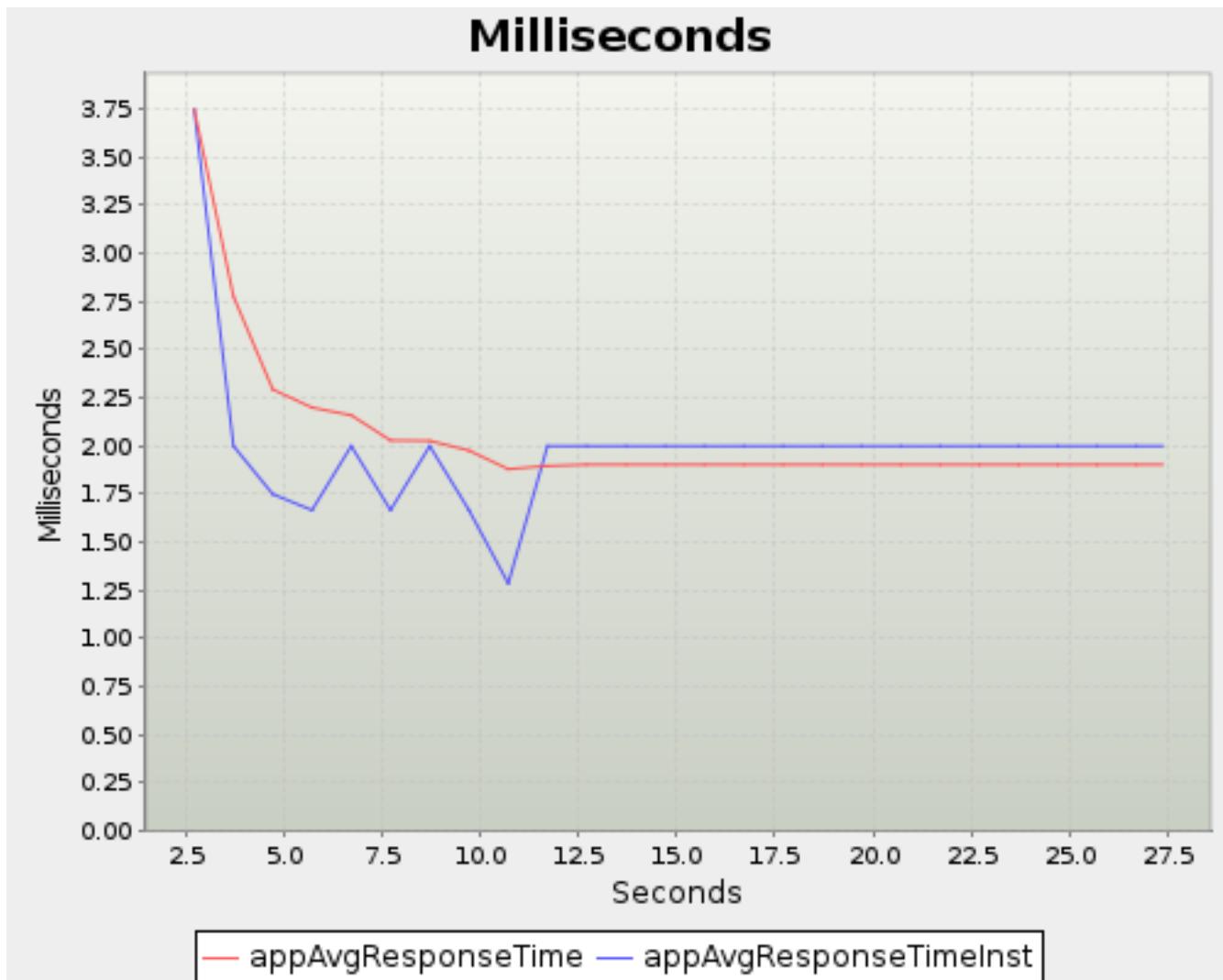
6.3.23.5. Megabits/s



time	appRxFrameDataRate	appTxFrameDataRate
2.707	0.1394	0.1394
3.706	0.3165	0.3165
4.706	0.4218	0.4218
5.706	0.1734	0.1734
6.706	0.3165	0.3165
7.707	0.4858	0.4858
8.706	0.1717	0.1717
9.706	0.3444	0.3444
10.706	0.4022	0.4022
11.706	0.4593	0.4593
12.706	0.2308	0.2308
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0

time	appRxFrameDataRate	appTxFrameDataRate
27.370	0	0

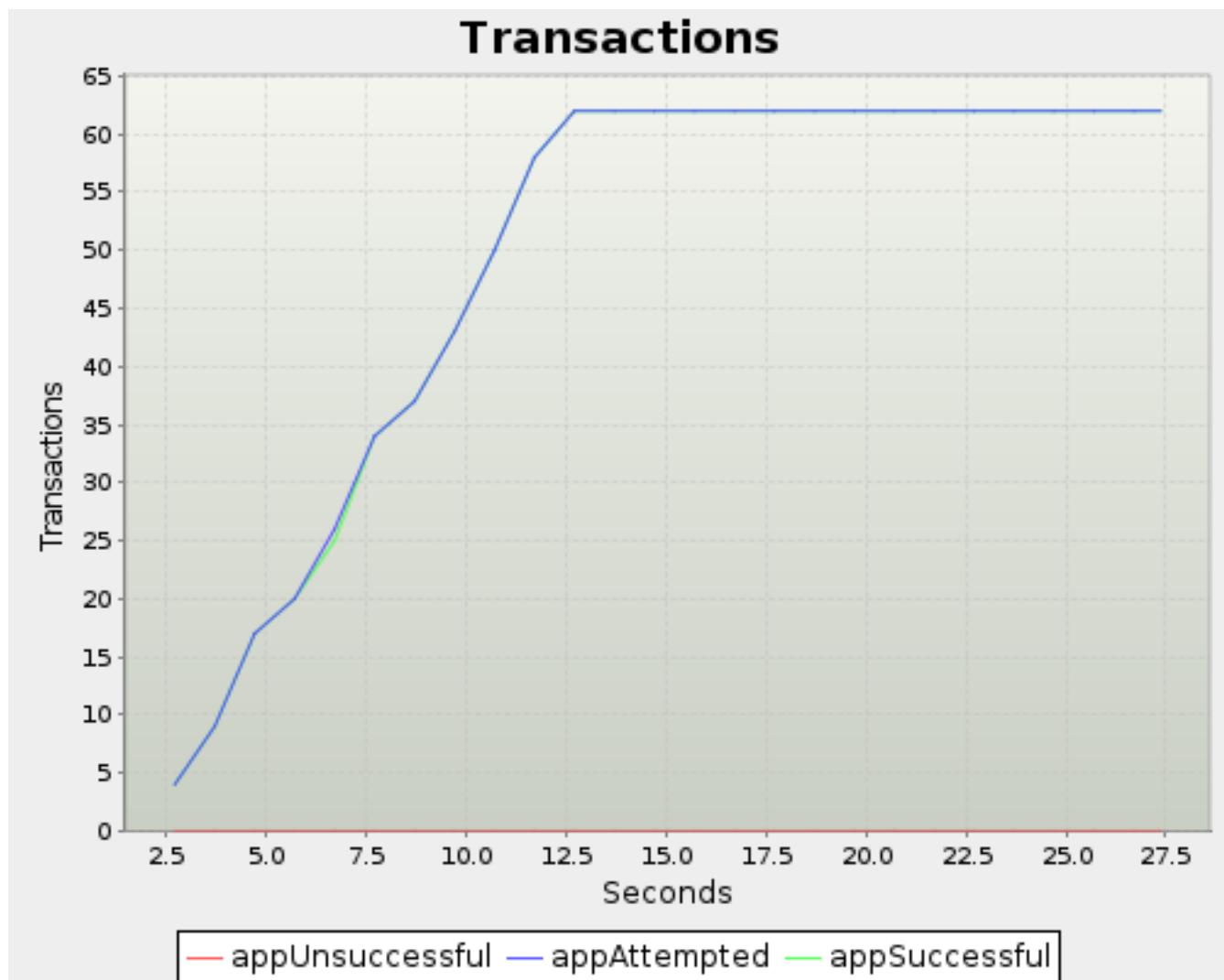
6.3.23.6. Milliseconds



time	appAvgResponseTime	appAvgResponseTimeInst
2.707	3.75	3.75
3.706	2.777777777777777	2
4.706	2.2941176470588234	1.75
5.706	2.2	1.6666666666666667
6.706	2.16	2
7.707	2.0294117647058822	1.6666666666666667
8.706	2.027027027027027	2
9.706	1.9767441860465116	1.6666666666666667
10.706	1.88	1.2857142857142858
11.706	1.896551724137931	2
12.706	1.903225806451613	2
13.707	1.903225806451613	2
14.706	1.903225806451613	2
15.706	1.903225806451613	2
16.707	1.903225806451613	2
17.706	1.903225806451613	2
18.706	1.903225806451613	2
19.706	1.903225806451613	2
20.706	1.903225806451613	2
21.706	1.903225806451613	2
22.706	1.903225806451613	2
23.707	1.903225806451613	2
24.707	1.903225806451613	2
25.706	1.903225806451613	2
26.706	1.903225806451613	2

time	appAvgResponseTime	appAvgResponseTimelnst
27.370	1.903225806451613	2

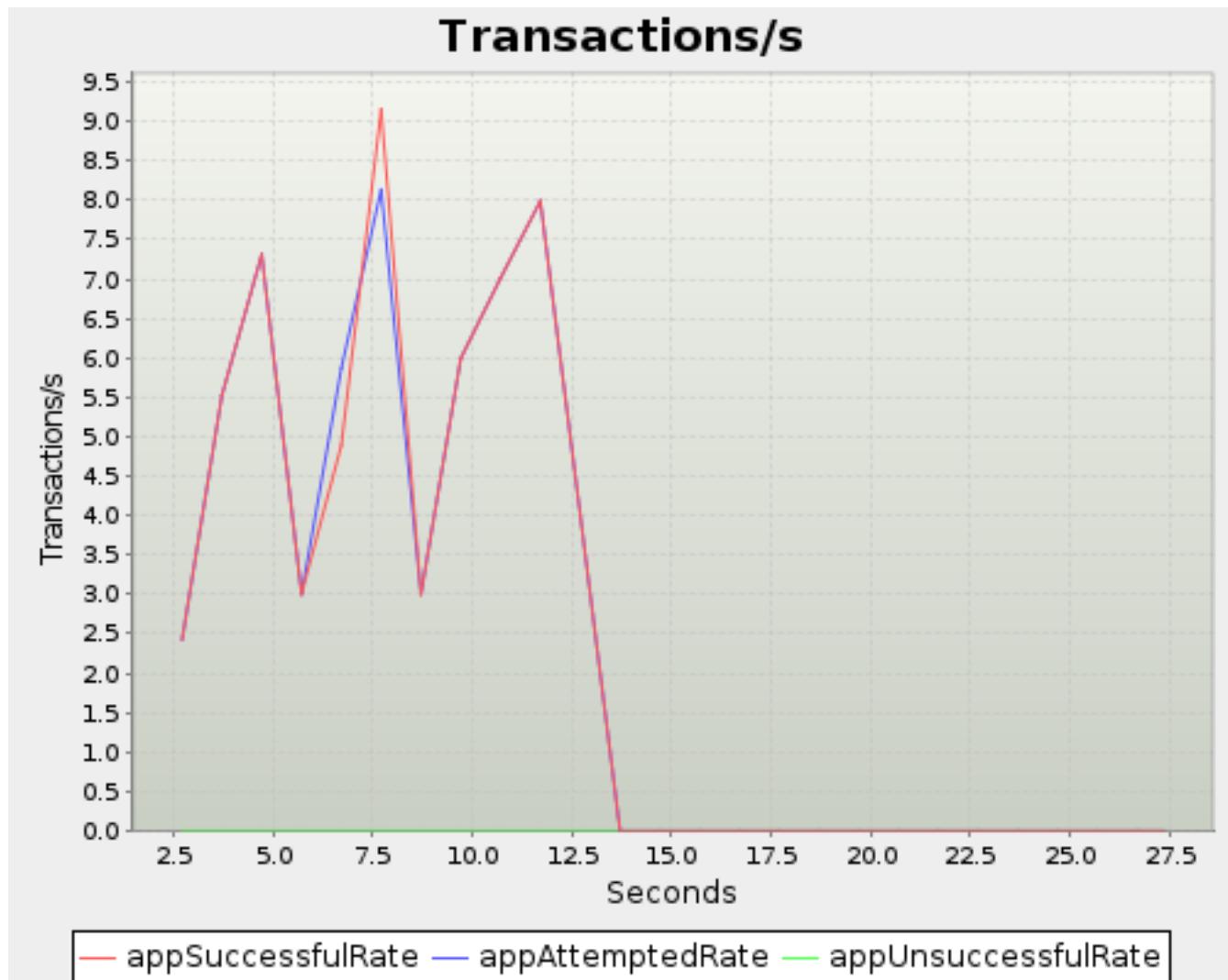
6.3.23.7. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
2.707	4	4	0
3.706	9	9	0
4.706	17	17	0
5.706	20	20	0
6.706	26	25	0
7.707	34	34	0
8.706	37	37	0
9.706	43	43	0
10.706	50	50	0
11.706	58	58	0
12.706	62	62	0
13.707	62	62	0
14.706	62	62	0
15.706	62	62	0
16.707	62	62	0
17.706	62	62	0
18.706	62	62	0
19.706	62	62	0
20.706	62	62	0
21.706	62	62	0
22.706	62	62	0
23.707	62	62	0
24.707	62	62	0
25.706	62	62	0
26.706	62	62	0

time	appAttempted	appSuccessful	appUnsuccessful
27.370	62	62	0

6.3.23.8. Transactions/s

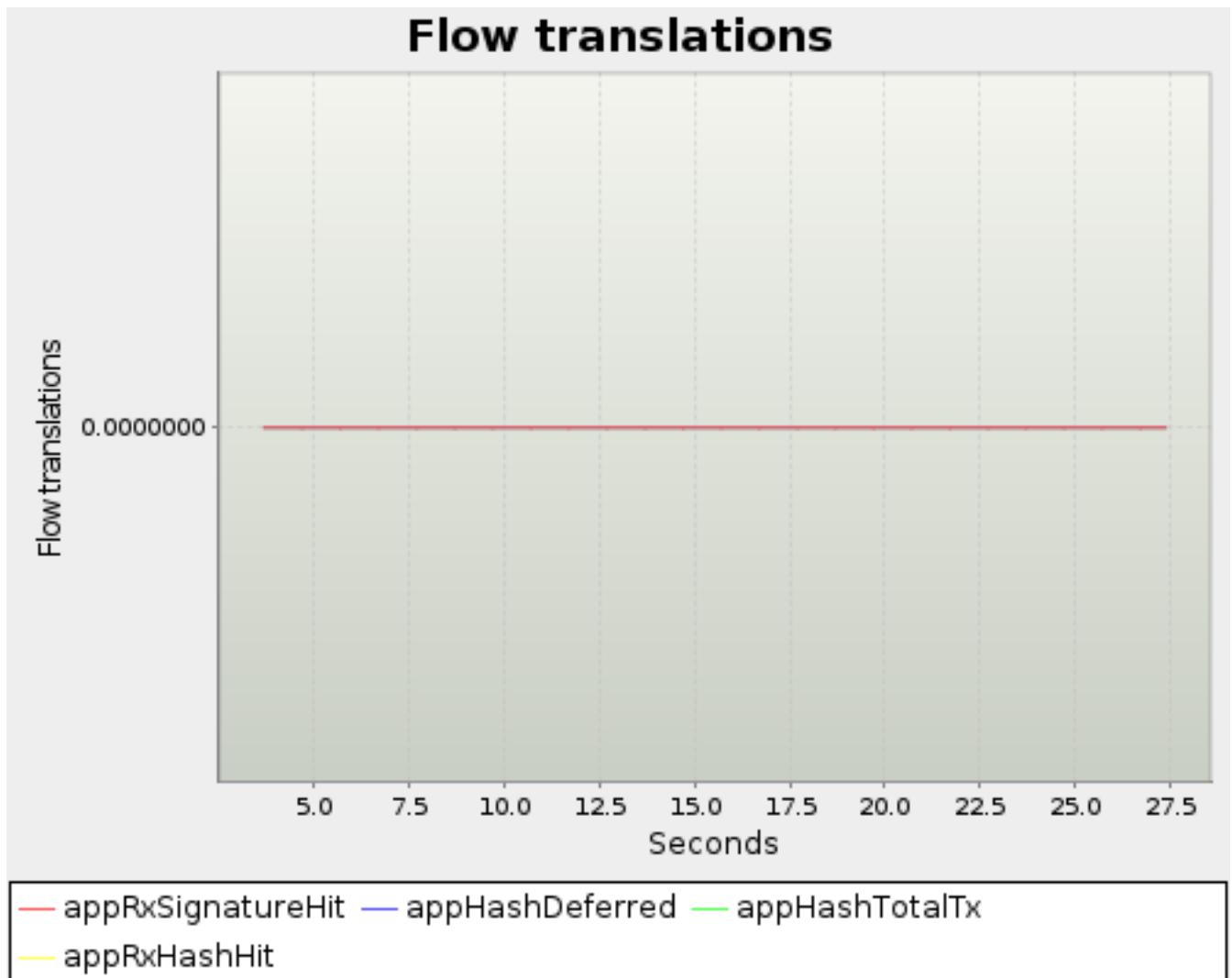


time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
2.707	2.426	2.426	0
3.706	5.525	5.525	0
4.706	7.313	7.313	0
5.706	3.003	3.003	0
6.706	5.871	4.892	0
7.707	8.138	9.156	0
8.706	3.003	3.003	0
9.706	5.994	5.994	0
10.706	7.014	7.014	0
11.706	7.992	7.992	0
12.706	4.016	4.016	0
13.707	0	0	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	0	0	0
18.706	0	0	0
19.706	0	0	0
20.706	0	0	0
21.706	0	0	0
22.706	0	0	0
23.707	0	0	0
24.707	0	0	0
25.706	0	0	0
26.706	0	0	0

time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
27.370	0	0	0

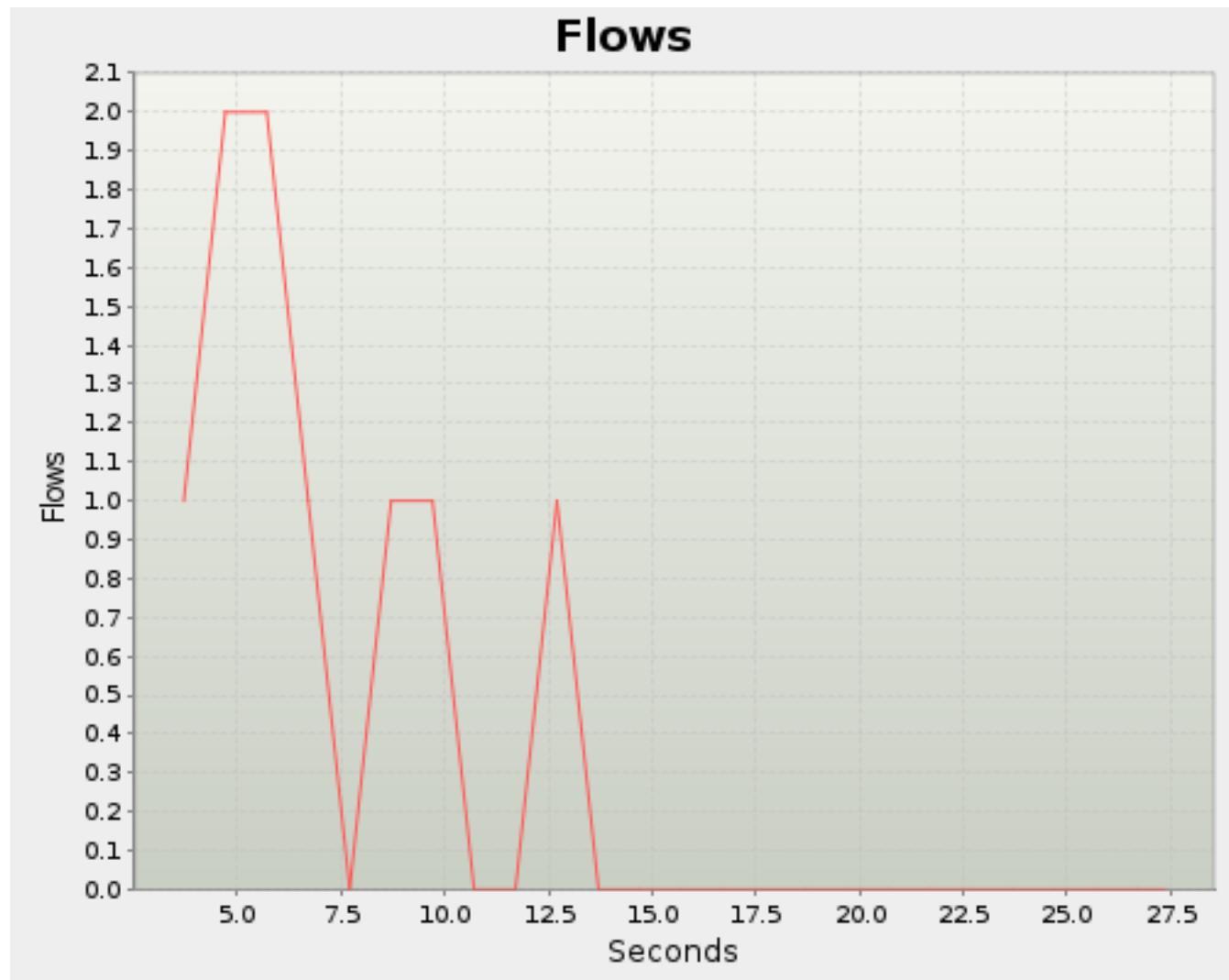
6.3.24. [protocol=eDonkey]

6.3.24.1. Flow translations



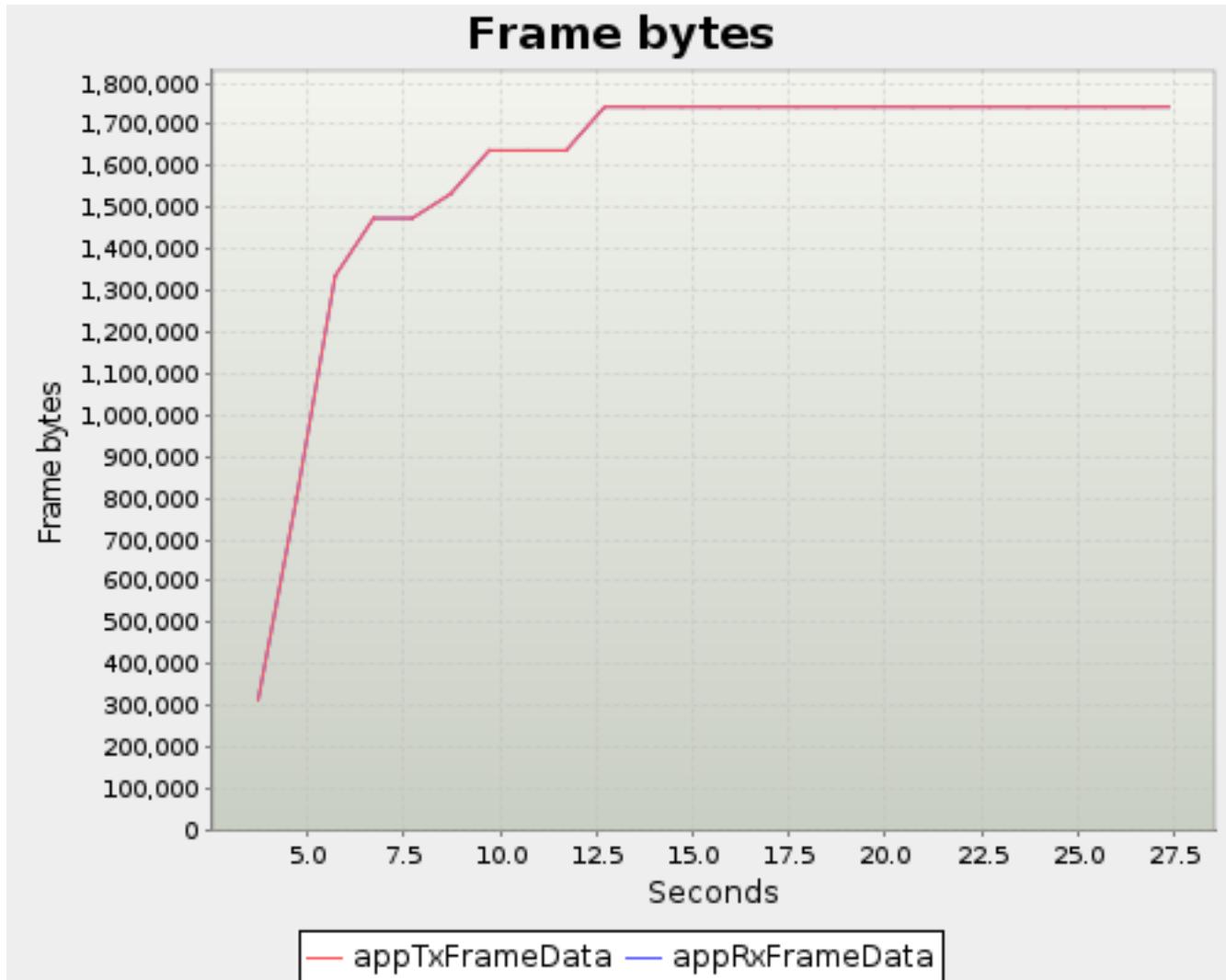
time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
3.706	0	0	0	0
4.706	0	0	0	0
5.706	0	0	0	0
6.706	0	0	0	0
7.707	0	0	0	0
8.706	0	0	0	0
9.706	0	0	0	0
10.706	0	0	0	0
11.706	0	0	0	0
12.706	0	0	0	0
13.707	0	0	0	0
14.706	0	0	0	0
15.706	0	0	0	0
16.707	0	0	0	0
17.706	0	0	0	0
18.706	0	0	0	0
19.706	0	0	0	0
20.706	0	0	0	0
21.706	0	0	0	0
22.706	0	0	0	0
23.707	0	0	0	0
24.707	0	0	0	0
25.706	0	0	0	0
26.706	0	0	0	0
27.370	0	0	0	0

6.3.24.2. Flows



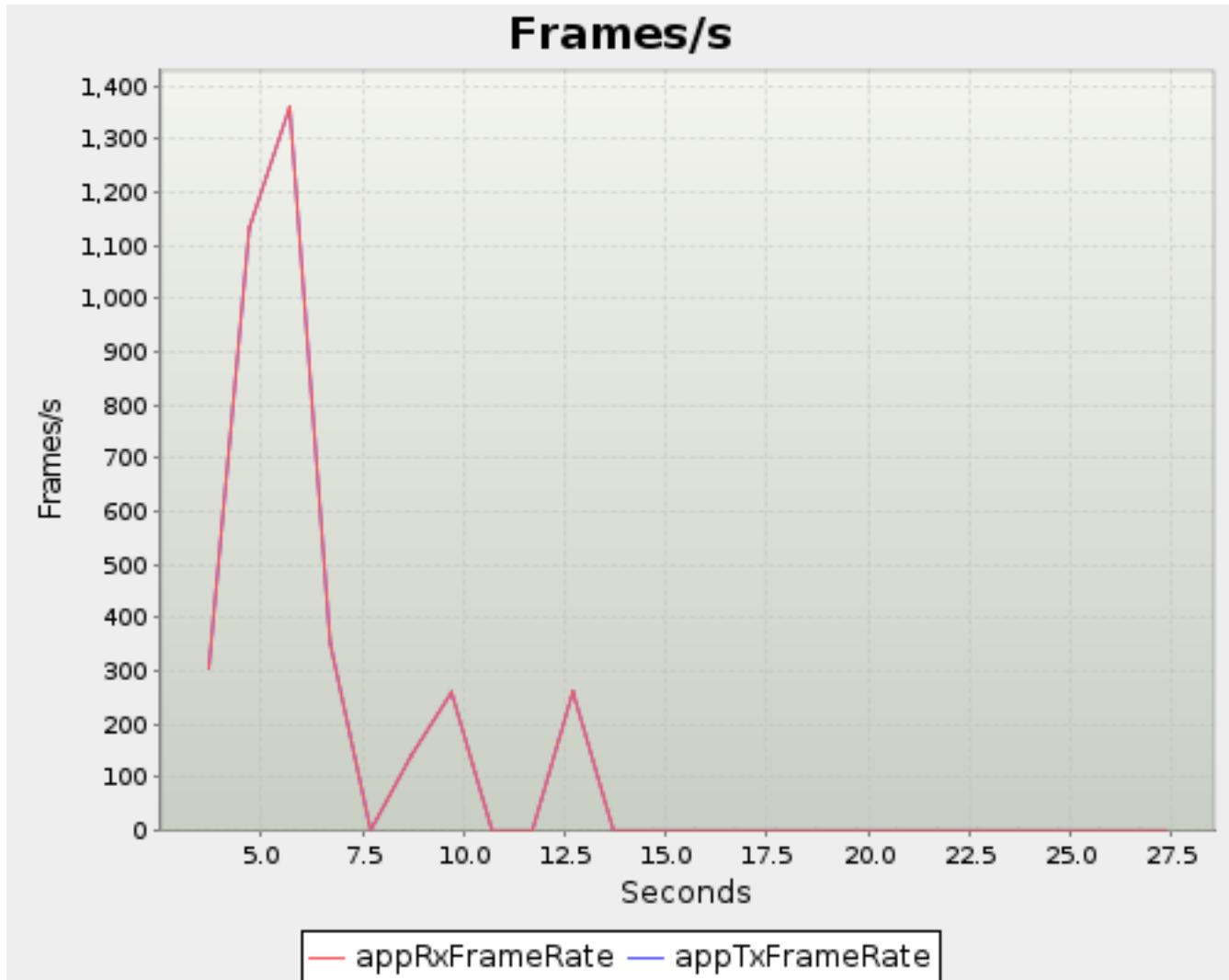
time	concurrentAppFlows
3.706	1
4.706	2
5.706	2
6.706	1
7.707	0
8.706	1
9.706	1
10.706	0
11.706	0
12.706	1
13.707	0
14.706	0
15.706	0
16.707	0
17.706	0
18.706	0
19.706	0
20.706	0
21.706	0
22.706	0
23.707	0
24.707	0
25.706	0
26.706	0
27.370	0

6.3.24.3. Frame bytes



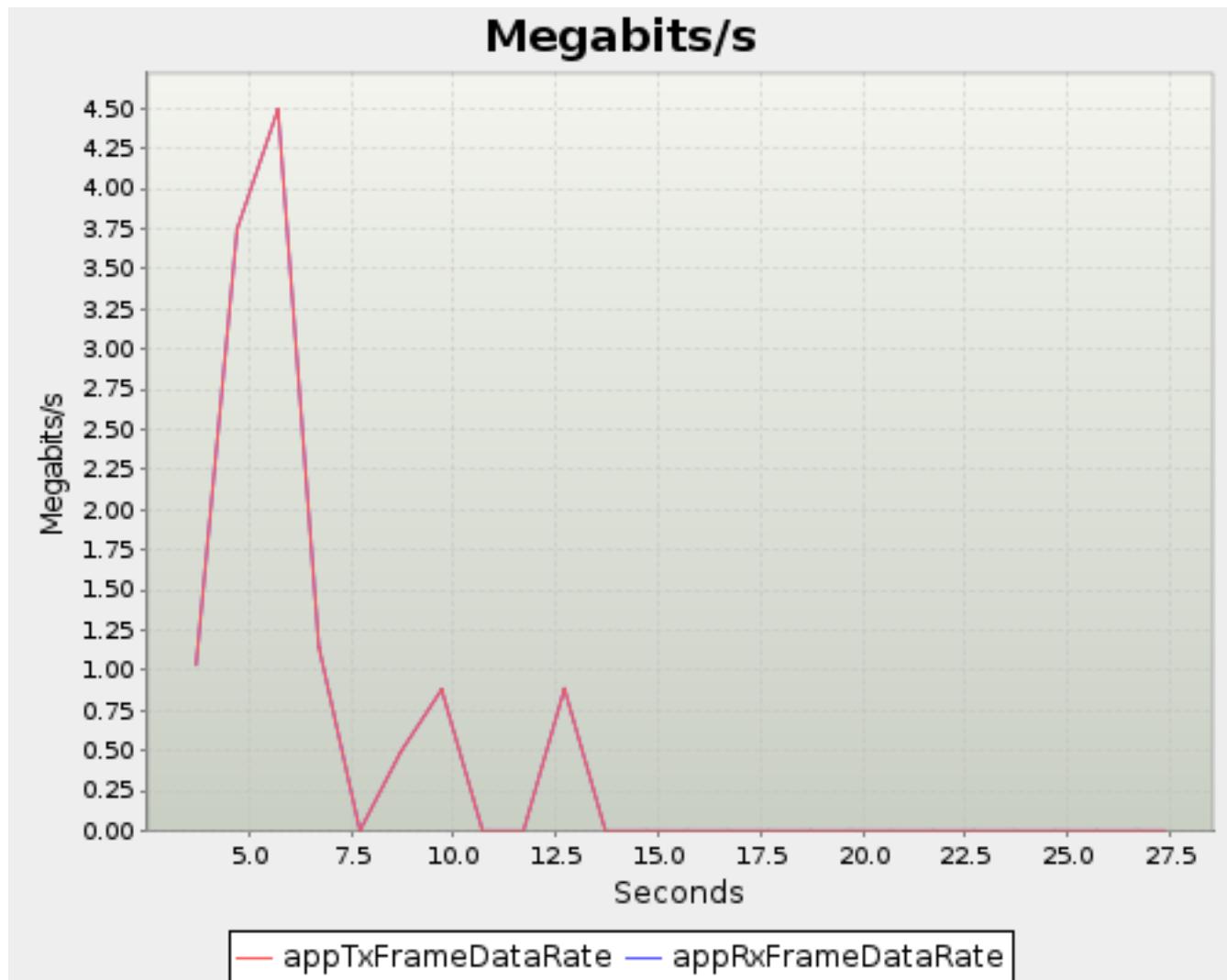
time	appRxFrameData	appTxFrameData
3.706	314,538	314,538
4.706	802,054	802,054
5.706	1,335,874	1,335,874
6.706	1,474,786	1,474,786
7.707	1,474,786	1,474,786
8.706	1,533,328	1,533,328
9.706	1,638,174	1,638,174
10.706	1,638,174	1,638,174
11.706	1,638,174	1,638,174
12.706	1,743,020	1,743,020
13.707	1,743,020	1,743,020
14.706	1,743,020	1,743,020
15.706	1,743,020	1,743,020
16.707	1,743,020	1,743,020
17.706	1,743,020	1,743,020
18.706	1,743,020	1,743,020
19.706	1,743,020	1,743,020
20.706	1,743,020	1,743,020
21.706	1,743,020	1,743,020
22.706	1,743,020	1,743,020
23.707	1,743,020	1,743,020
24.707	1,743,020	1,743,020
25.706	1,743,020	1,743,020
26.706	1,743,020	1,743,020
27.370	1,743,020	1,743,020

6.3.24.4. Frames/s



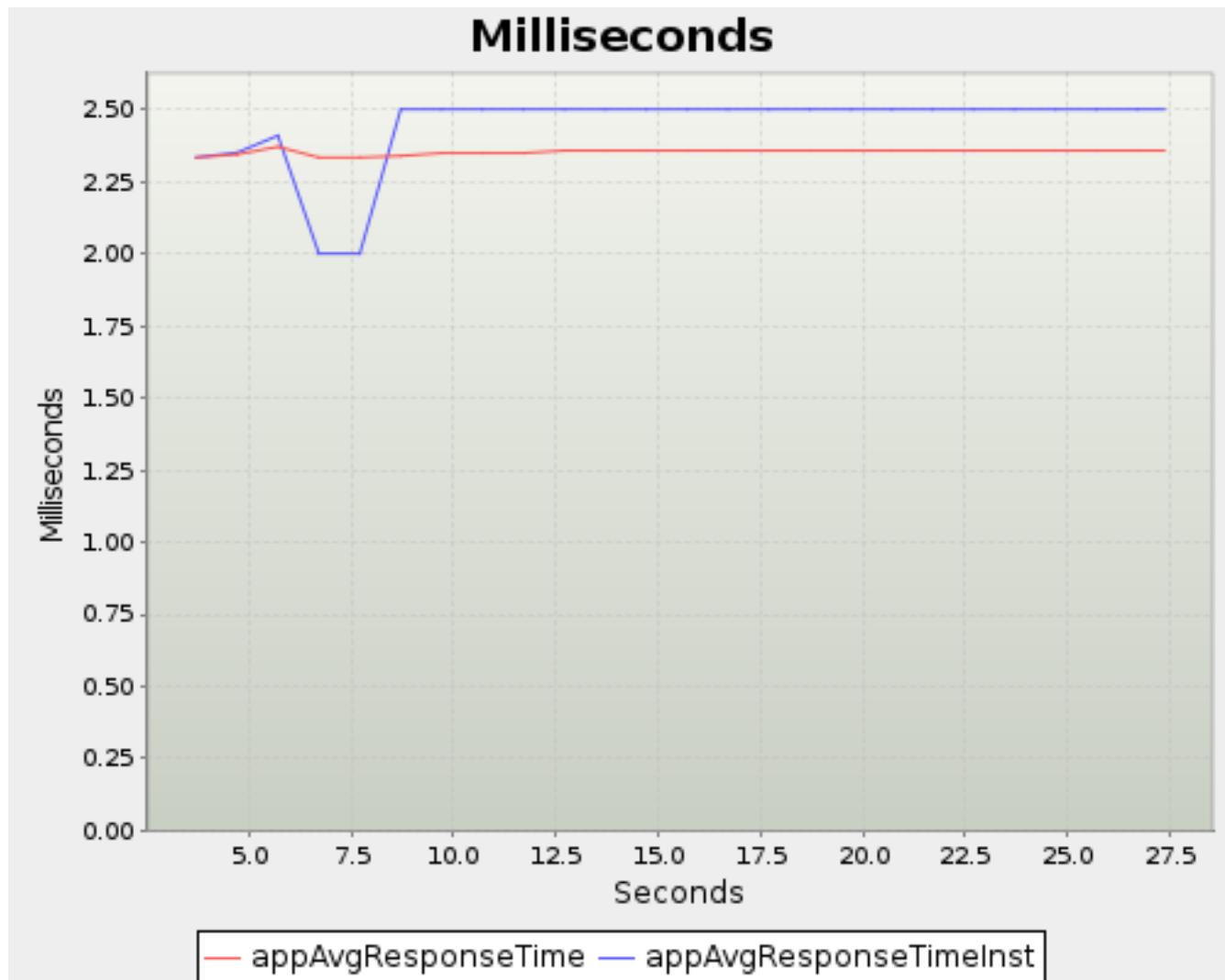
time	appRxFrameRate	appTxFrameRate
3.706	305.4032889584964	305.4032889584964
4.706	1,133.4552102376597	1,133.4552102376597
5.706	1,361.3613613613625	1,361.3613613613625
6.706	352.25048923679066	352.25048923679066
7.707	0	0
8.706	140.14014014014	140.14014014014
9.706	259.7402597402593	259.7402597402593
10.706	0	0
11.706	0	0
12.706	261.04417670682767	261.04417670682767
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0
27.370	0	0

6.3.24.5. Megabits/s



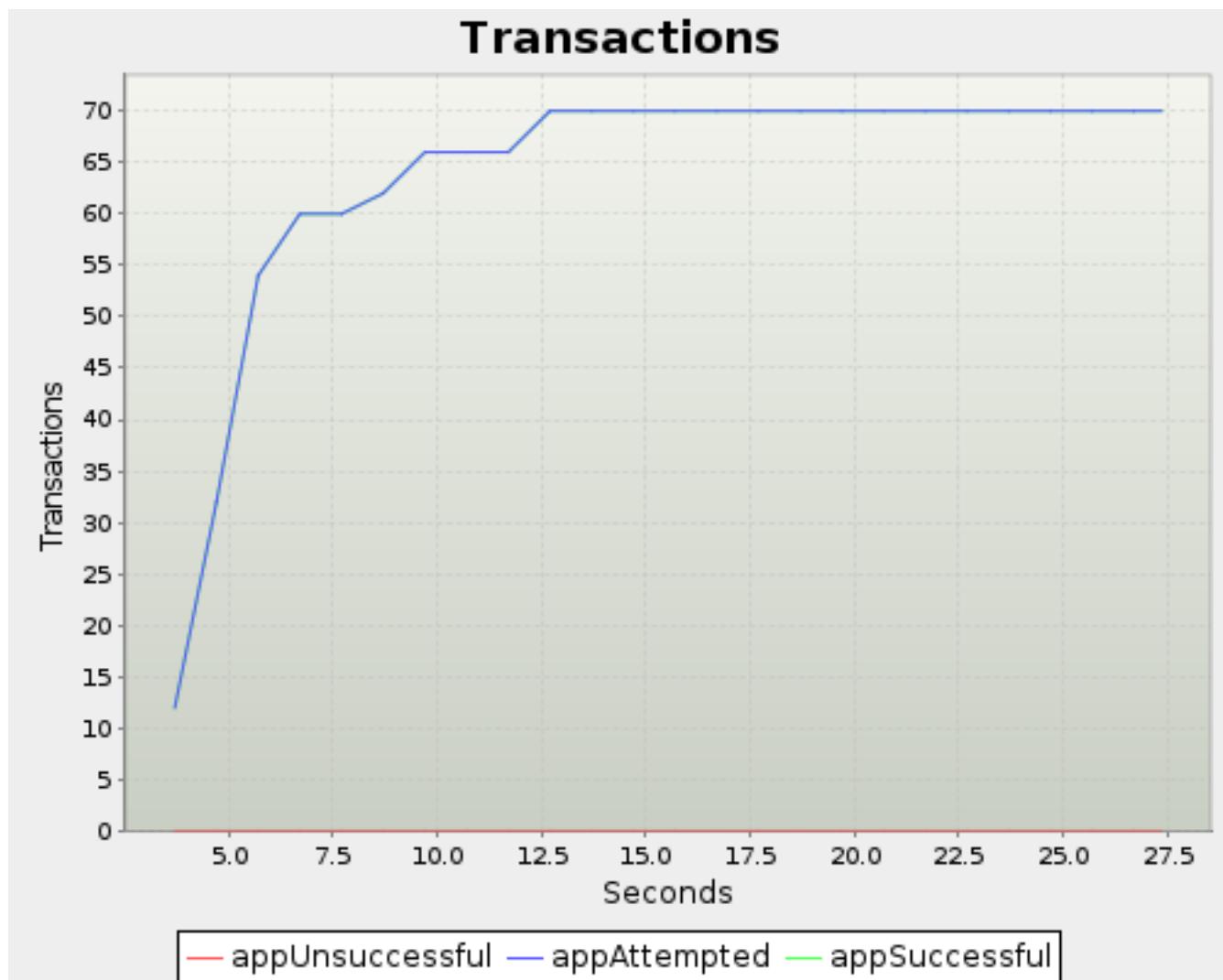
time	appRxFrameDataRate	appTxFrameDataRate
3.706	1.034	1.034
4.706	3.746	3.746
5.706	4.493	4.493
6.706	1.144	1.144
7.707	0	0
8.706	0.4912	0.4912
9.706	0.8795	0.8795
10.706	0	0
11.706	0	0
12.706	0.8839	0.8839
13.707	0	0
14.706	0	0
15.706	0	0
16.707	0	0
17.706	0	0
18.706	0	0
19.706	0	0
20.706	0	0
21.706	0	0
22.706	0	0
23.707	0	0
24.707	0	0
25.706	0	0
26.706	0	0
27.370	0	0

6.3.24.6. Milliseconds



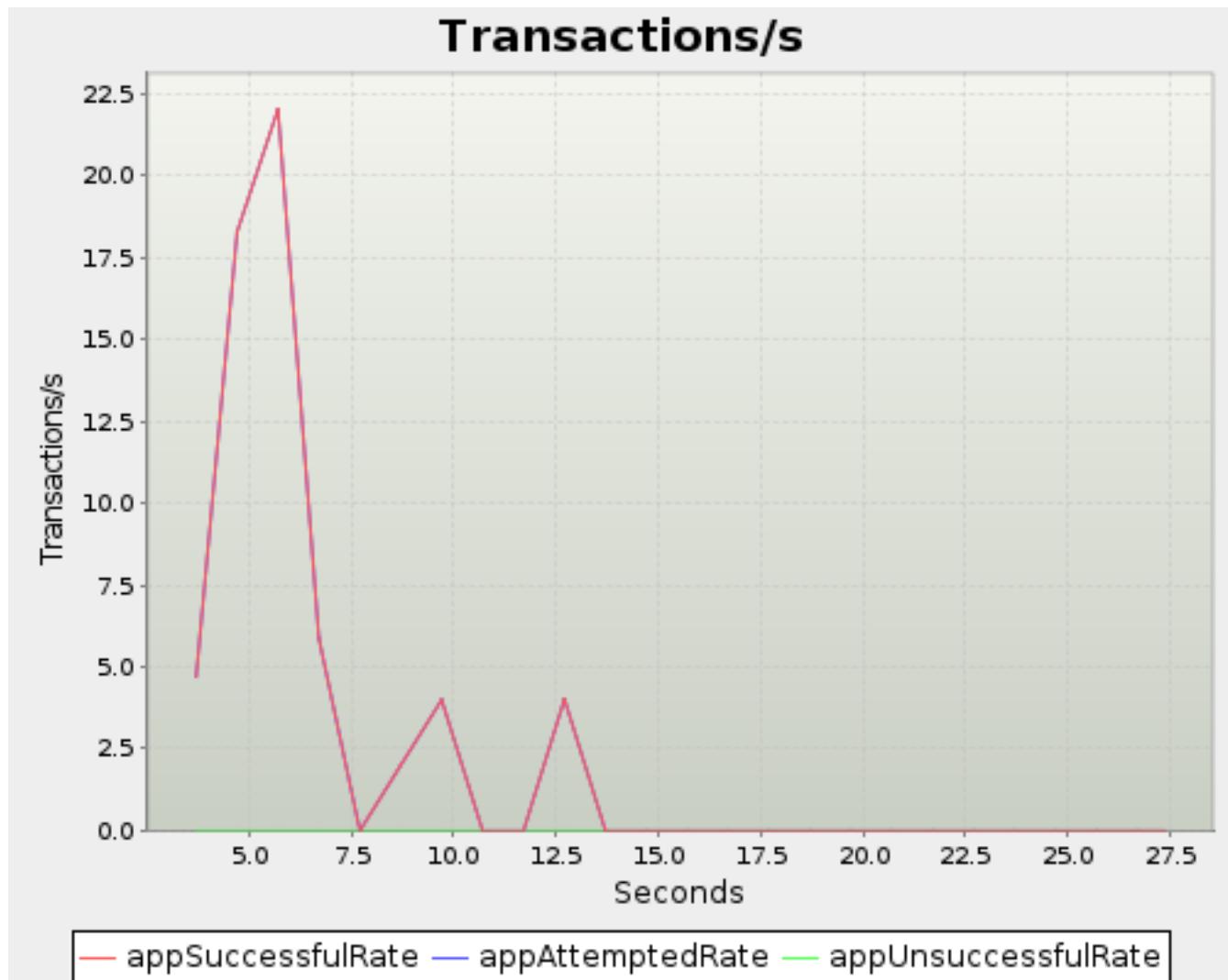
time	appAvgResponseTime	appAvgResponseTimeInst
3.706	2.333333333333335	2.333333333333335
4.706	2.34375	2.35
5.706	2.3703703703703702	2.409090909090909
6.706	2.333333333333335	2
7.707	2.333333333333335	2
8.706	2.338709677419355	2.5
9.706	2.3484848484848486	2.5
10.706	2.3484848484848486	2.5
11.706	2.3484848484848486	2.5
12.706	2.357142857142857	2.5
13.707	2.357142857142857	2.5
14.706	2.357142857142857	2.5
15.706	2.357142857142857	2.5
16.707	2.357142857142857	2.5
17.706	2.357142857142857	2.5
18.706	2.357142857142857	2.5
19.706	2.357142857142857	2.5
20.706	2.357142857142857	2.5
21.706	2.357142857142857	2.5
22.706	2.357142857142857	2.5
23.707	2.357142857142857	2.5
24.707	2.357142857142857	2.5
25.706	2.357142857142857	2.5
26.706	2.357142857142857	2.5
27.370	2.357142857142857	2.5

6.3.24.7. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
3.706	12	12	0
4.706	32	32	0
5.706	54	54	0
6.706	60	60	0
7.707	60	60	0
8.706	62	62	0
9.706	66	66	0
10.706	66	66	0
11.706	66	66	0
12.706	70	70	0
13.707	70	70	0
14.706	70	70	0
15.706	70	70	0
16.707	70	70	0
17.706	70	70	0
18.706	70	70	0
19.706	70	70	0
20.706	70	70	0
21.706	70	70	0
22.706	70	70	0
23.707	70	70	0
24.707	70	70	0
25.706	70	70	0
26.706	70	70	0
27.370	70	70	0

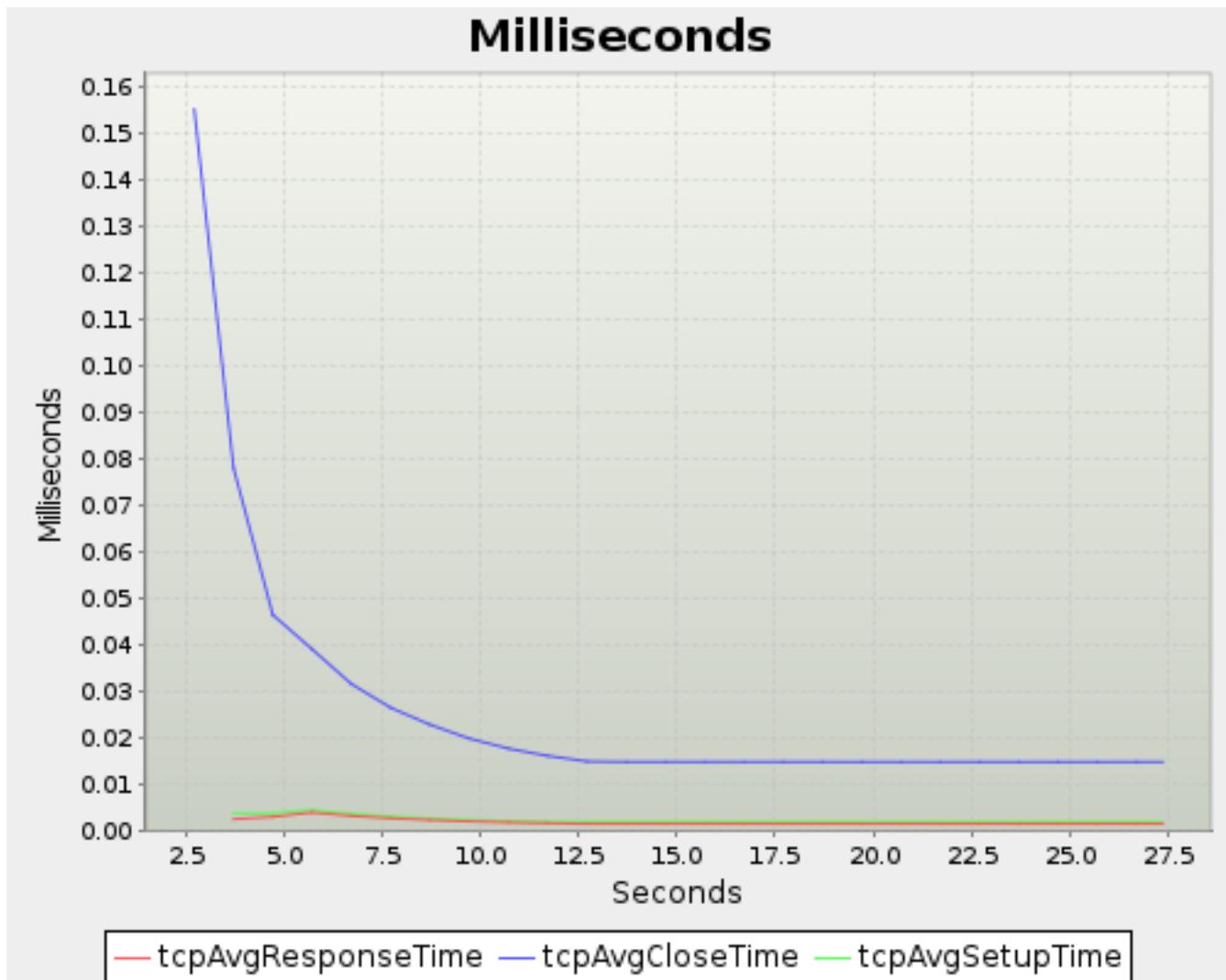
6.3.24.8. Transactions/s



time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
3.706	4.699	4.699	0
4.706	18.28	18.28	0
5.706	22.02	22.02	0
6.706	5.871	5.871	0
7.707	0	0	0
8.706	2.002	2.002	0
9.706	3.996	3.996	0
10.706	0	0	0
11.706	0	0	0
12.706	4.016	4.016	0
13.707	0	0	0
14.706	0	0	0
15.706	0	0	0
16.707	0	0	0
17.706	0	0	0
18.706	0	0	0
19.706	0	0	0
20.706	0	0	0
21.706	0	0	0
22.706	0	0	0
23.707	0	0	0
24.707	0	0	0
25.706	0	0	0
26.706	0	0	0
27.370	0	0	0

6.4. IP (layer 4-7)

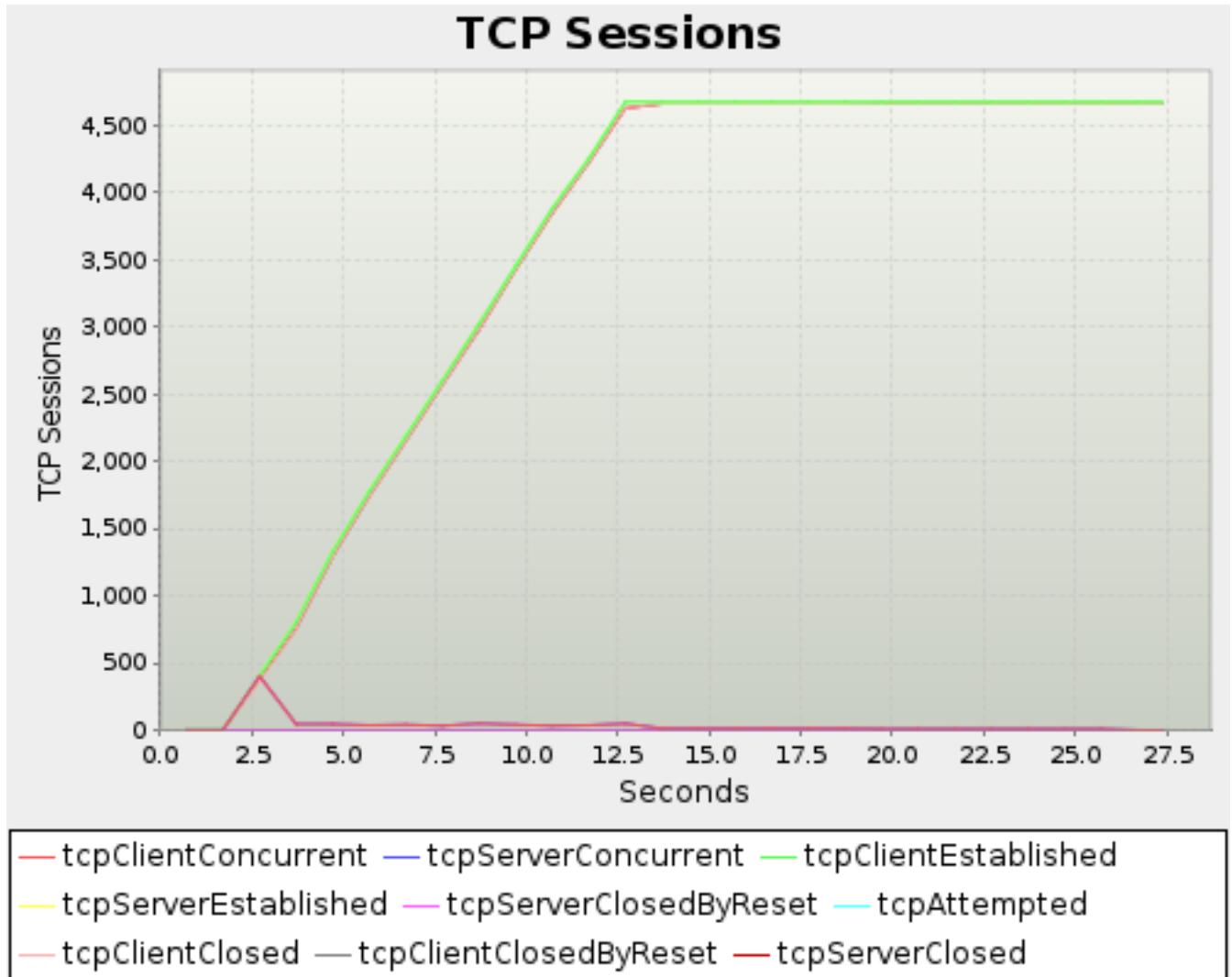
6.4.1. Milliseconds



time	tcpAvgCloseTime	tcpAvgResponseTime	tcpAvgSetupTime
0.707			
1.707			
2.707	0.155		
3.706	0.078	0.003	0.004
4.706	0.046	0.003	0.004
5.706	0.039	0.004	0.005
6.706	0.032	0.003	0.004
7.707	0.026	0.003	0.003
8.706	0.023	0.002	0.003
9.706	0.02	0.002	0.002
10.706	0.018	0.002	0.002
11.706	0.016	0.002	0.002
12.706	0.015	0.001	0.002
13.707	0.015	0.001	0.002
14.706	0.015	0.001	0.002
15.706	0.015	0.001	0.002
16.707	0.015	0.001	0.002
17.706	0.015	0.001	0.002
18.706	0.015	0.001	0.002
19.706	0.015	0.001	0.002
20.706	0.015	0.001	0.002
21.706	0.015	0.001	0.002
22.706	0.015	0.001	0.002
23.707	0.015	0.001	0.002
24.707	0.015	0.001	0.002

time	tcpAvgCloseTime	tcpAvgResponseTime	tcpAvgSetupTime
25.706	0.015	0.001	0.002
26.706	0.015	0.001	0.002
27.370	0.015	0.001	0.002

6.4.2. TCP Sessions

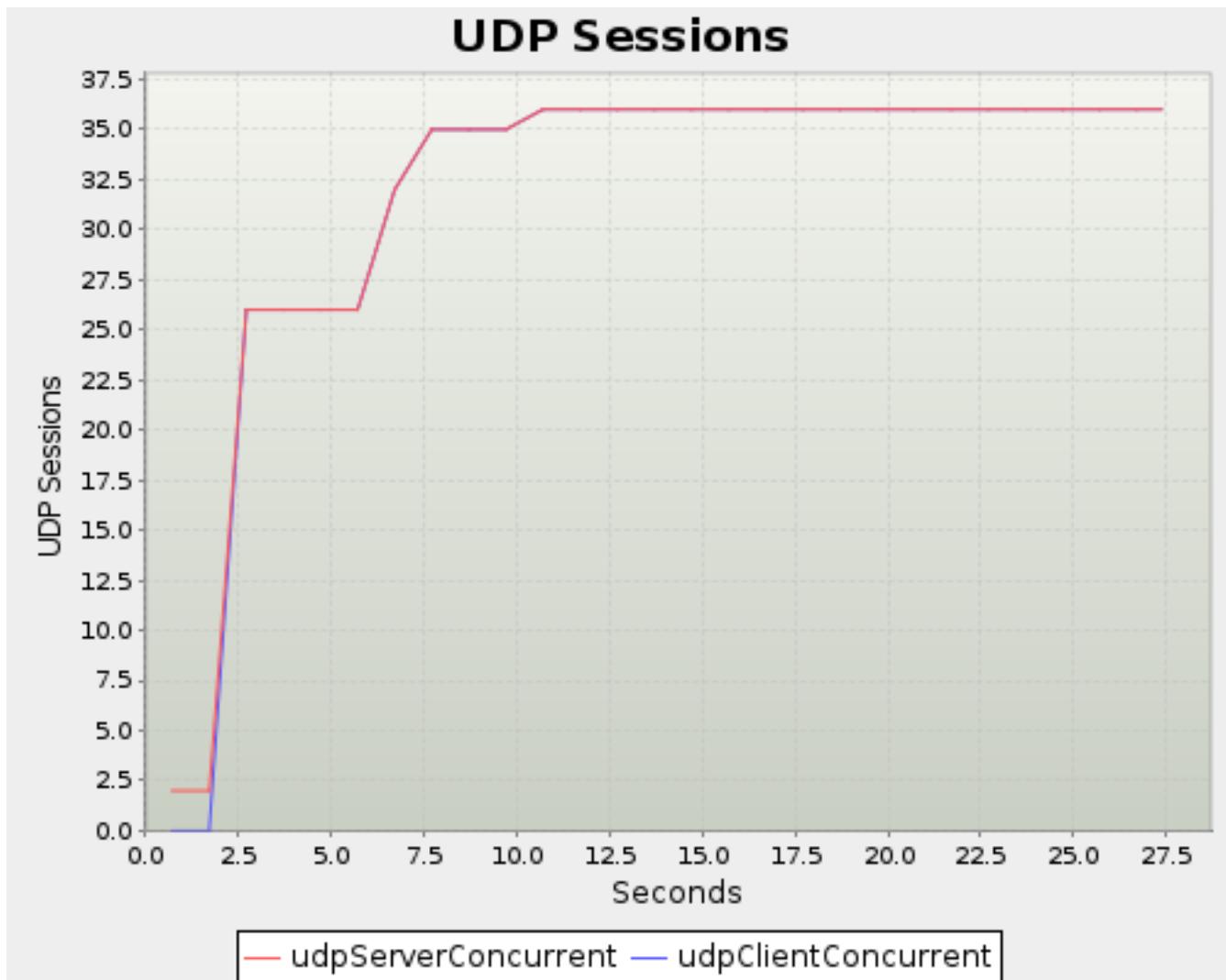


time	tcpAttempted	tcpClientClosed	tcpClientClosedByReset	tcpClientConcurrent	tcpClientEstablished	tcpClientEst	tcpServerClosed	tcpServerClosedByReset	tcpServerConcurrent	tcpServerEstablished
0.707	2	0	0	2	2	0	0	0	2	2
1.707	2	0	0	2	2	0	0	0	2	2
2.707	402	361	0	401	402	380	0	401	405	
3.706	800	756	0	44	800	758	0	45	802	
4.706	1,326	1,292	0	45	1,326	1,294	0	45	1,328	
5.706	1,773	1,741	0	36	1,773	1,743	0	36	1,776	
6.706	2,183	2,153	0	40	2,183	2,154	0	40	2,184	
7.707	2,598	2,569	0	32	2,598	2,570	0	32	2,599	
8.706	3,017	2,978	0	49	3,017	2,979	0	49	3,018	
9.706	3,448	3,426	0	40	3,448	3,426	0	40	3,448	
10.706	3,876	3,845	0	32	3,876	3,845	0	32	3,876	
11.706	4,247	4,221	0	36	4,247	4,221	0	36	4,248	
12.706	4,670	4,623	0	48	4,670	4,623	0	48	4,670	
13.707	4,670	4,657	0	13	4,670	4,657	0	13	4,670	
14.706	4,670	4,657	0	13	4,670	4,657	0	13	4,670	
15.706	4,670	4,657	0	13	4,670	4,657	0	13	4,670	
16.707	4,670	4,657	0	13	4,670	4,657	0	13	4,670	
17.706	4,670	4,657	0	13	4,670	4,657	0	13	4,670	
18.706	4,670	4,657	0	13	4,670	4,657	0	13	4,670	
19.706	4,670	4,661	0	9	4,670	4,661	0	9	4,670	
20.706	4,670	4,661	0	9	4,670	4,661	0	9	4,670	
21.706	4,670	4,661	0	9	4,670	4,661	0	9	4,670	

time	tcpAttempted	tcpClientClosed	tcpClientClosedByReset	tcpClientConnCurrent	tcpClientEstablished	tcpServerClosed	tcpServerClosedByReset	tcpServerConnCurrent	tcpServerEstablished
22.706	4,670	4,661	0	9	4,670	4,661	0	9	4,670
23.707	4,670	4,661	0	9	4,670	4,661	0	9	4,670
24.707	4,670	4,661	0	9	4,670	4,661	0	9	4,670
25.706	4,670	4,661	0	9	4,670	4,661	0	9	4,670
26.706	4,670	4,661	0	0	4,670	4,661	0	0	4,670
27.370	4,670	4,661	0	0	4,670	4,661	0	0	4,670

time	tcpAttemptRate	tcpClientClose Rate	tcpClientClosed ByResetRate	tcpClientEstabli shRate	tcpServerClose Rate	tcpServerClose dByResetRate	tcpServerEstabli shRate
23.707	0	0	0	0	0	0	0
24.707	0	0	0	0	0	0	0
25.706	0	0	0	0	0	0	0
26.706	0	0	0	0	0	0	0
27.370	0	0	0	0	0	0	0

6.4.4. UDP Sessions



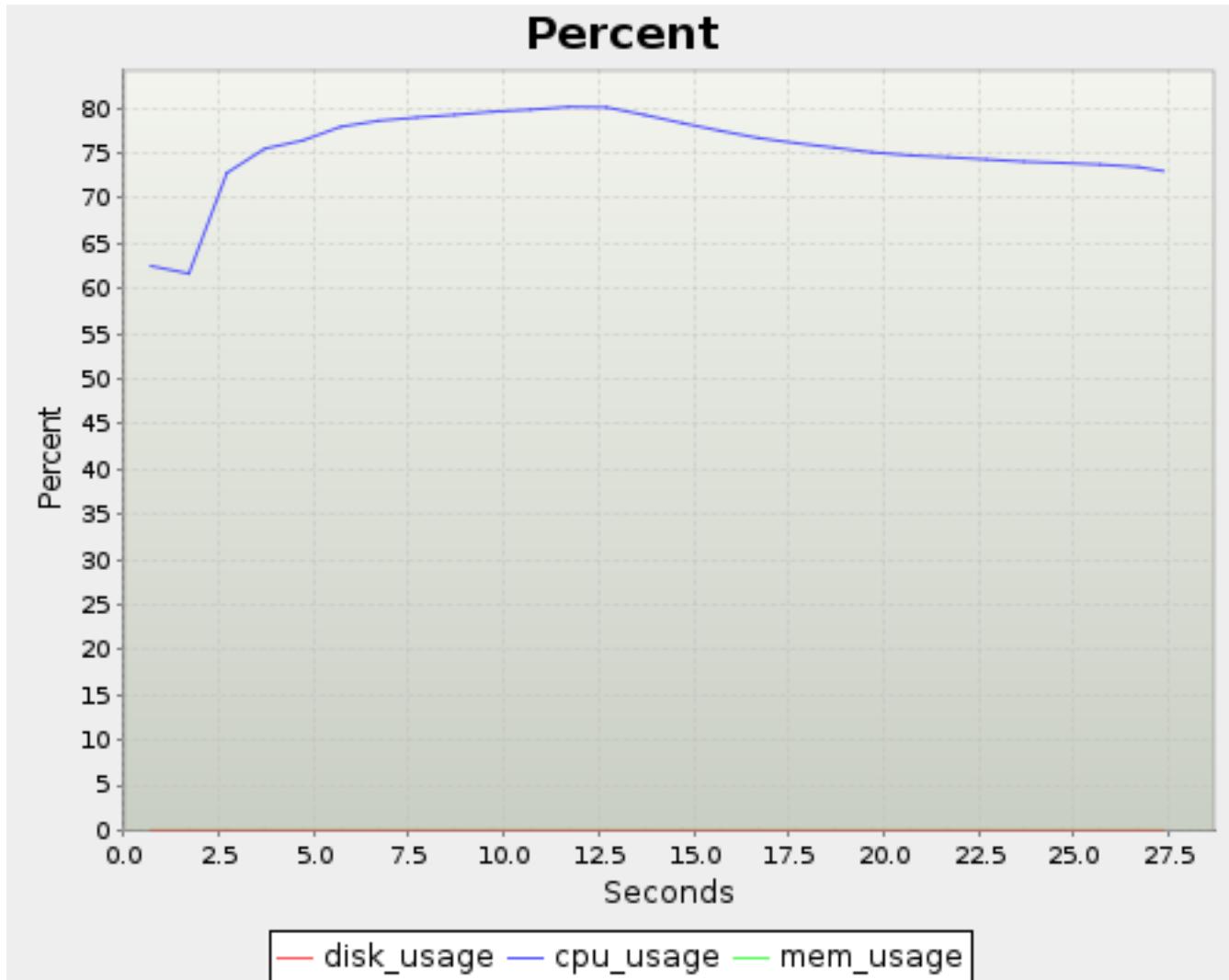
time	udpClientConcurrent	udpServerConcurrent
0.707	0	2
1.707	0	2
2.707	26	26
3.706	26	26
4.706	26	26
5.706	26	26
6.706	32	32
7.707	35	35
8.706	35	35
9.706	35	35
10.706	36	36
11.706	36	36
12.706	36	36
13.707	36	36
14.706	36	36
15.706	36	36
16.707	36	36
17.706	36	36
18.706	36	36
19.706	36	36
20.706	36	36
21.706	36	36
22.706	36	36
23.707	36	36
24.707	36	36

time	udpClientConcurrent	udpServerConcurrent
25.706	36	36
26.706	36	36
27.370	36	36

6.5. Resources

6.5.1. [cpu=np0-0]

6.5.1.1. Percent

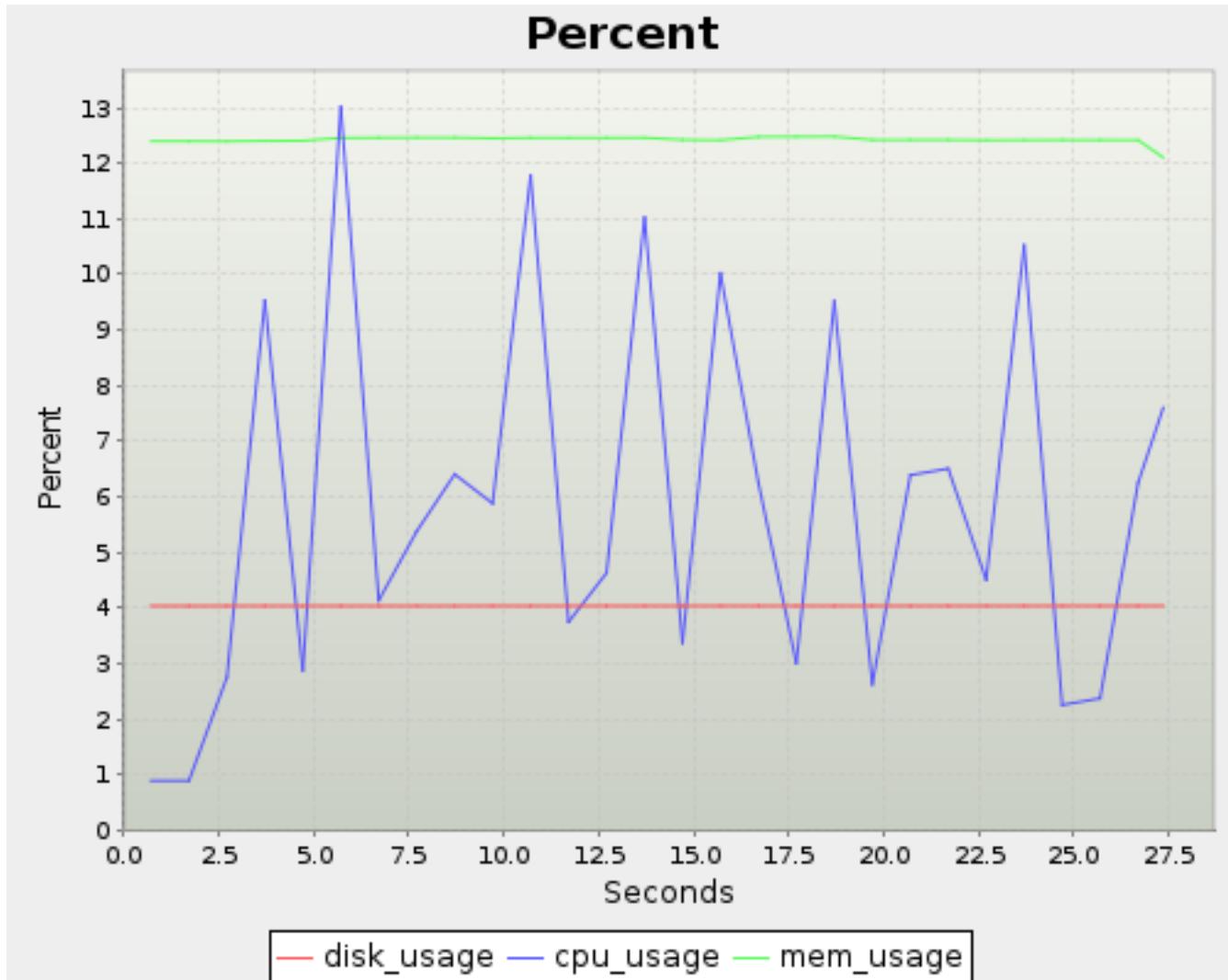


time	cpu_usage	disk_usage	mem_usage
0.707	62.5	0	0
1.707	61.66342	0	0
2.707	72.80802	0	0
3.706	75.50422000000003	0	0
4.706	76.40604	0	0
5.706	77.92420000000003	0	0
6.706	78.58684	0	0
7.707	78.95345	0	0
8.706	79.24047	0	0
9.706	79.59099	0	0
10.706	79.81641	0	0
11.706	80.1210299999999	0	0
12.706	80.07372	0	0
13.707	79.23265	0	0
14.706	78.32128	0	0
15.706	77.47327	0	0
16.707	76.6729399999997	0	0
17.706	76.10746	0	0
18.706	75.6060299999999	0	0
19.706	75.08870999999998	0	0
20.706	74.7519	0	0
21.706	74.54641000000002	0	0
22.706	74.30206	0	0
23.707	74.05815	0	0
24.707	73.91703000000003	0	0

time	cpu_usage	disk_usage	mem_usage
25.706	73.73814	0	0
26.706	73.46093	0	0
27.370	73.01907	0	0

6.5.2. [cpu=sc0]

6.5.2.1. Percent



time	cpu_usage	disk_usage	mem_usage
0.707	0.89286	4.03777	12.39877
1.707	0.89286	4.03777	12.39877
2.707	2.75344	4.03792	12.39699
3.706	9.53576	4.03796	12.40396
4.706	2.87499999999999	4.03796	12.40746
5.706	13.01627	4.03801	12.45795
6.706	4.13534	4.0381	12.46216
7.707	5.38173	4.03814	12.464430000000004
8.706	6.40704	4.03817	12.464500000000003
9.706	5.88235	4.03818	12.452160000000003
10.706	11.77945	4.03823	12.46019
11.706	3.75	4.038240000000002	12.459850000000003
12.706	4.63079	4.038260000000002	12.46017
13.707	11.02757	4.038290000000002	12.46177
14.706	3.37499999999999	4.03831	12.424430000000003
15.706	10.02506	4.038340000000002	12.41842
16.707	6.25	4.038360000000002	12.47757
17.706	3.007520000000001	4.03838	12.480030000000003
18.706	9.52381	4.03843	12.48222
19.706	2.625	4.038440000000001	12.42236
20.706	6.39097999999998	4.03847	12.42311
21.706	6.50814	4.0385	12.42333
22.706	4.50563	4.03851	12.41766
23.707	10.52632	4.03856	12.42056
24.707	2.255639999999999	4.03856	12.42178

time	cpu_usage	disk_usage	mem_usage
25.706	2.374999999999999	4.03858	12.420580000000003
26.706	6.25	4.038620000000002	12.4198
27.370	7.604559999999975	4.03847	12.10599

7. Test Results for AppSim_1

7.1. Component Description

Component: Application Simulator

Component	Resource Used
AppSim_1	np0-0

7.2. Test Component Criteria

Number	Description
1	The total number of sessions opened must reach the specified target within the allotted time.: (maxConcurrentAppFlows>=sessions.target)
2	The total number of failed application transactions must be no more than 5 percent of the attempted application transactions.: ((appUnsuccessful*100)<=(appAttempted*5))
3	The session rate must reach the specified target within the allotted time.: (maxAppFlowRate>=sessions.targetPerSecond)

7.3. Settings

Parameter	Value
Data Rate/Data Rate Unlimited	true
Data Rate/Data Rate Scope	Limit Aggregate Throughput
Data Rate/Data Rate Unit	Megabits / Second
Data Rate/Data Rate Type	Constant
Data Rate/Minimum Data Rate	10000
Data Rate/Maximum Data Rate	1
Delay Start	00:00:00
Session Ramp Distribution/Ramp Up Behavior	Full Open
Session Ramp Distribution/SYN Only Retry Mode	Obey Retry Count
Session Ramp Distribution/Ramp Up Time Interval	00:00:01
Session Ramp Distribution/Steady-State Behavior	Open and Close Sessions
Session Ramp Distribution/Steady-State Time Interval	00:00:10
Session Ramp Distribution/Ramp Down Behavior	Full Close
Session Ramp Distribution/Ramp Down Time Interval	00:00:15
Ramp Up Profile/Ramp Up Profile Type	Calculated
Ramp Up Profile/Minimum Connection Rate	1
Ramp Up Profile/Maximum Connection Rate	1
Ramp Up Profile/Increment N Connections per Second	1
Ramp Up Profile/Fixed Time Interval	00:00:01
Session/Super Flow Configuration/Maximum Simultaneous Super Flows	10000
Session/Super Flow Configuration/Maximum Simultaneous Active Flows	0
Session/Super Flow Configuration/Maximum Super Flows Per Second	1000
Session/Super Flow Configuration/Unlimited Super Flow Open Rate	false
Session/Super Flow Configuration/Unlimited Super Flow Close Rate	true
Session/Super Flow Configuration/Target Minimum Simultaneous Flows	1
Session/Super Flow Configuration/Target Minimum Super Flows Per Second	1
Session/Super Flow Configuration/Target Number of Successful Matches	0
Session/Super Flow Configuration/Engine Selection	Advanced (Max Features)
Session/Super Flow Configuration/Performance Emphasis	Balanced
Session/Super Flow Configuration/Resource Allocation Override	Automatic
Session/Super Flow Configuration/Statistic Detail	Maximum
IPv4 Configuration/TTL	32
IPv4 Configuration/TOS/DSCP	0x0

Parameter	Value
IPv6 Configuration/Hop Limit	64
IPv6 Configuration/Traffic Class	0x0
IPv6 Configuration/Flowlabel	0x0
Source Port/Port Distribution Type	Random
Source Port/Minimum Port Number	1024
Source Port/Maximum Port Number	65535
TCP Configuration/Maximum Segment Size (MSS)	1460
TCP Configuration/Aging Time Data Type	Seconds
TCP Configuration/Aging Time	0
TCP Configuration/Reset at End	false
TCP Configuration/Retry Quantum	500
TCP Configuration/Retry Count	3
TCP Configuration/Delay ACKs	true
TCP Configuration/Initial Receive Window	5792
TCP Configuration/TCP Window Scale	0
TCP Configuration/Add Segment Timestamps	true
TCP Configuration/Piggy-back Data on 3-way Handshake ACK	false
TCP Configuration/Piggy-back Data on Shutdown FIN	false
TCP Configuration/Initial Congestion Window	4
TCP Configuration/Explicit Congestion Notification	Support ECN
TCP Configuration/Raw Flags	-1
TCP Configuration/Connect Delay	0
TCP Configuration/TCP Keepalive Timer	0
Load Profile	None
App Configuration/Remove all DNS actions	false
App Configuration/Streams Per Super Flow	2
App Configuration/Content Fidelity	Normal
App Configuration/Replace Streams at Runtime	true
Application Profile	CISCO EMIX
Preset the component was created from	Appsim Default

7.4. App Profile Summary

Weighted by bandwidth

Name	Weight	% Bandwidth	% Flows	Bytes	Flows	Seed
BreakingPoint Citrix	1,510	14.502%	9.403%	365,760	4	120
BreakingPoint eDonkey Data Transfer	916	8.798%	9.371%	222,640	4	121
BreakingPoint FTP	256	2.459%	9.373%	62,208	4	122
BreakingPoint HTTP Video	1,759	16.894%	9.370%	427,592	2	123
BreakingPoint HTTP Audio	880	8.452%	9.375%	213,796	1	124
BreakingPoint HTTP Text	880	8.452%	9.375%	213,796	1	125
BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)	700	6.723%	2.394%	665,969	4	126
BreakingPoint SAP	1,272	12.217%	9.366%	309,312	4	127
BreakingPoint SMTP Email	160	1.537%	9.396%	38,784	4	128
BreakingPoint Telnet	296	2.843%	9.357%	72,048	4	129
BreakingPoint Raw	1,783	17.124%	13.220%	307,200	4	130

7.5. Traffic Appearance

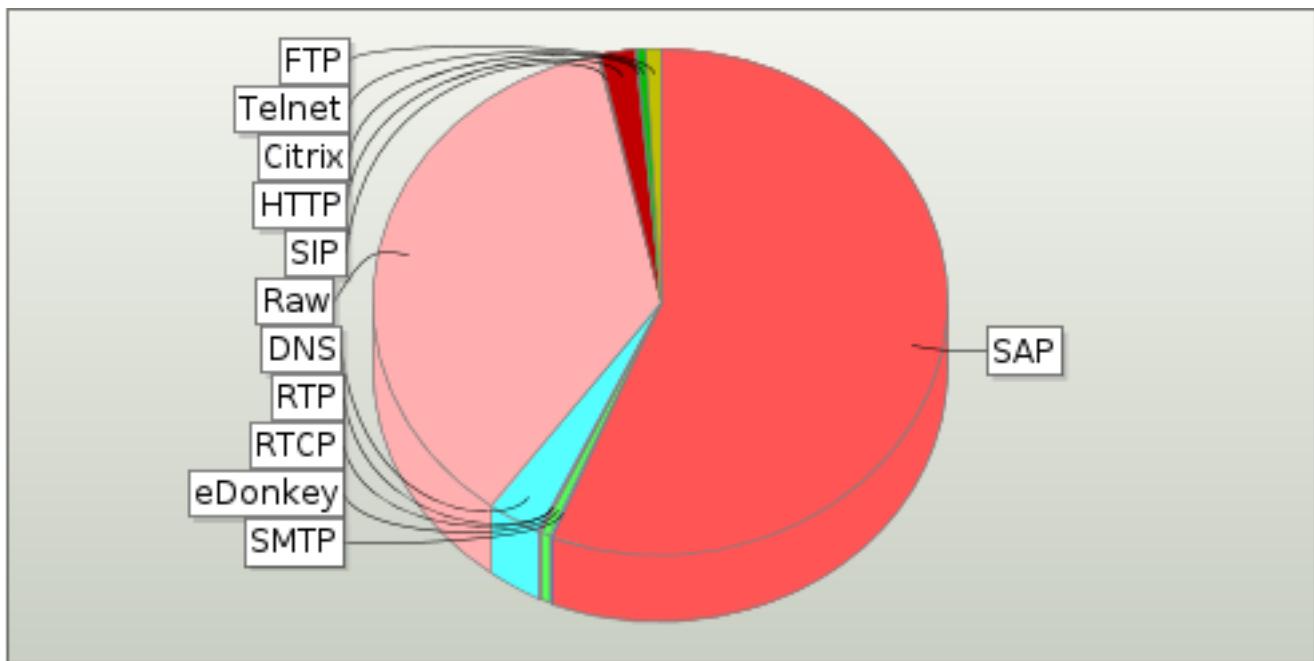
Traffic was addressed as defined in the "BreakingPoint Switching" network neighborhood.

Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		1.1.0.1 - 1.1.255.254
2	Server	default		1.2.0.1 - 1.2.255.254

7.6. Component Results

Component	Result
AppSim_1	passed

7.7. Application Aggregate Flows

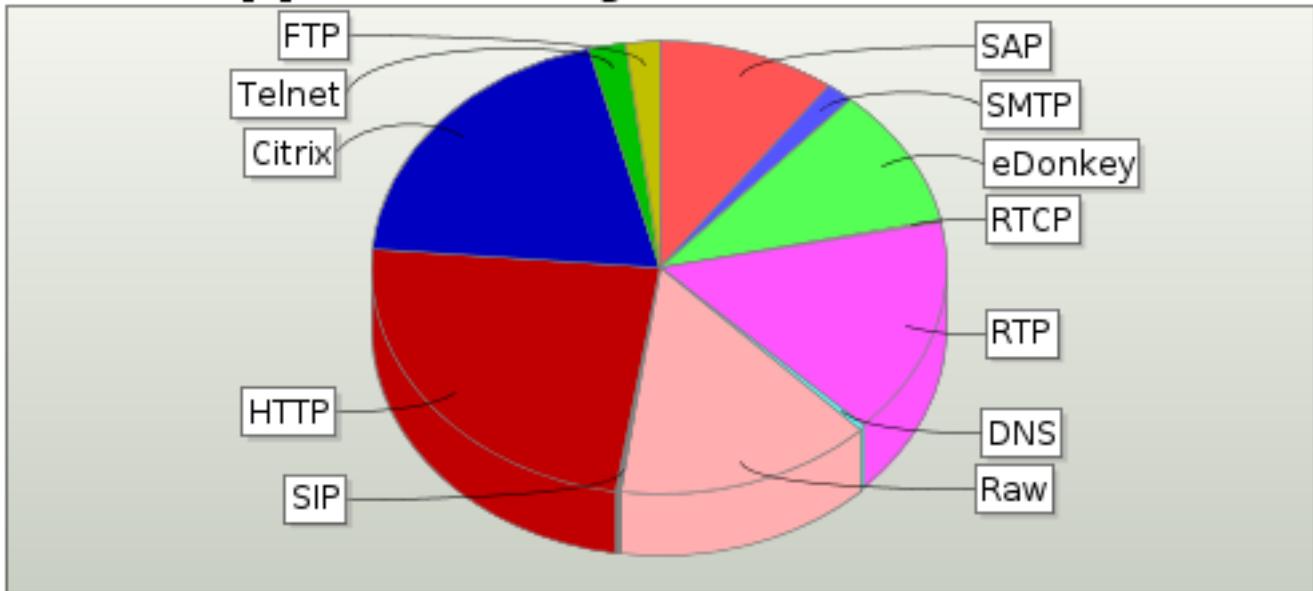


There may be slices in this graph that are too small to be displayed.

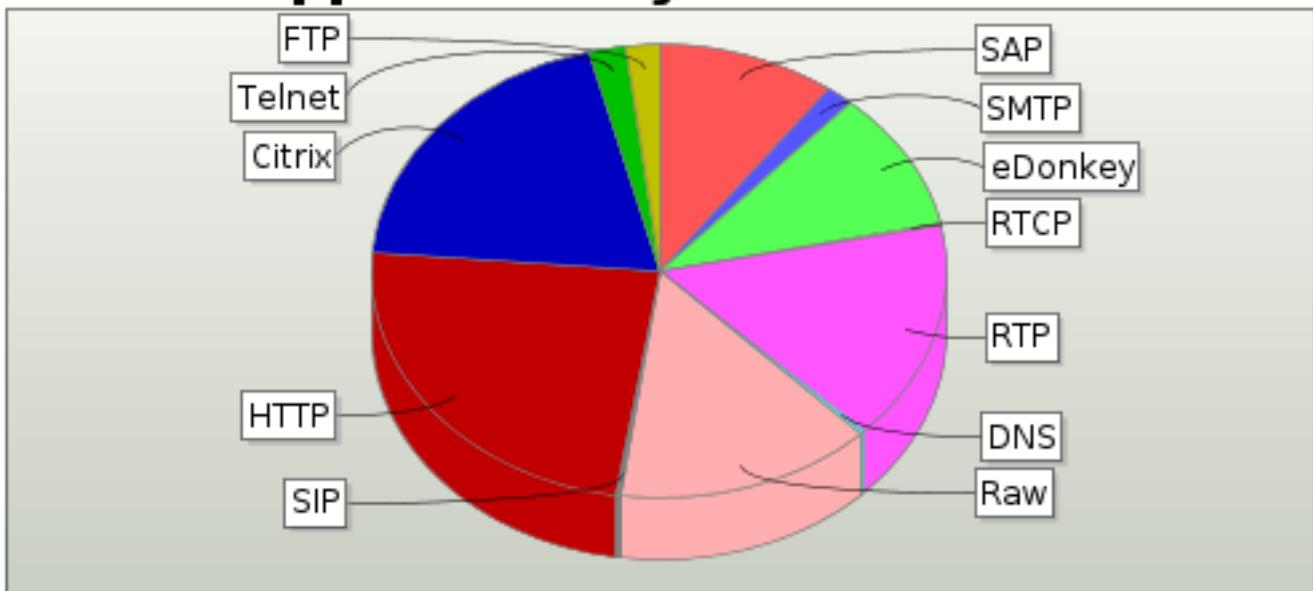
Protocol	Aggregate Flows (Flows)	Aggregate Flows (%)
SAP	12,864	56.116%
SMTP	26	0.113%
eDonkey	140	0.611%
RTCP	8	0.035%
RTP	26	0.113%
DNS	686	2.992%
Raw	8,374	36.529%
SIP	26	0.113%
HTTP	466	2.033%
Citrix	8	0.035%
Telnet	124	0.541%
FTP	176	0.768%

7.8. Application Data

Application Bytes Transmitted



Application Bytes Received

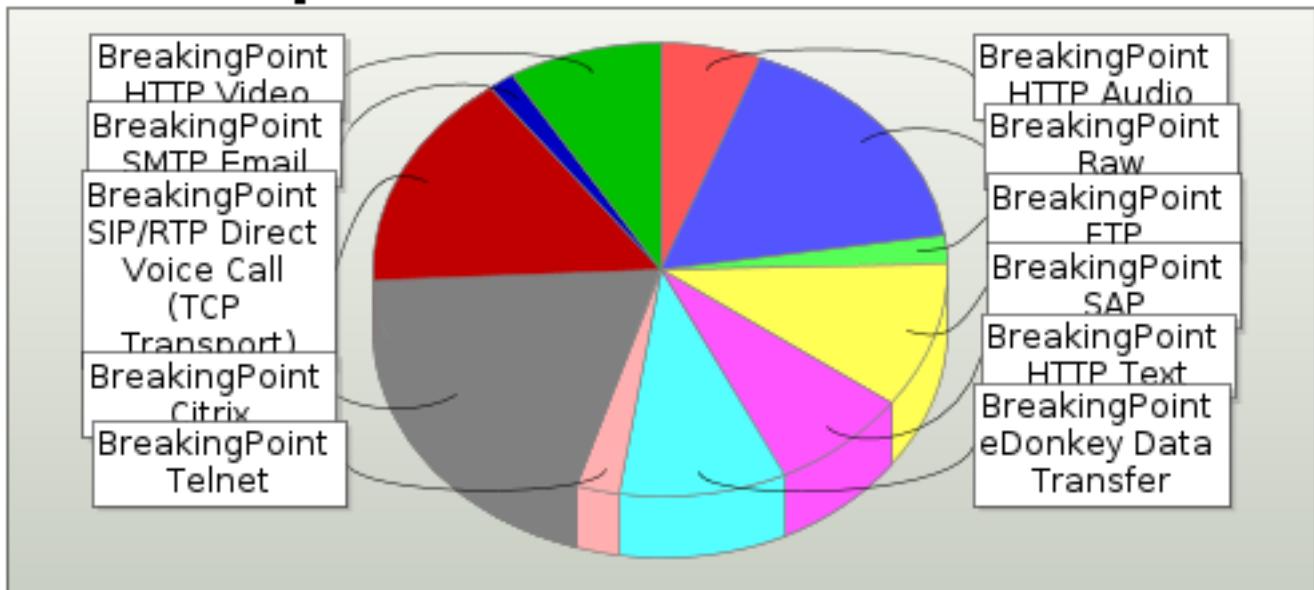


There may be slices in this graph that are too small to be displayed.

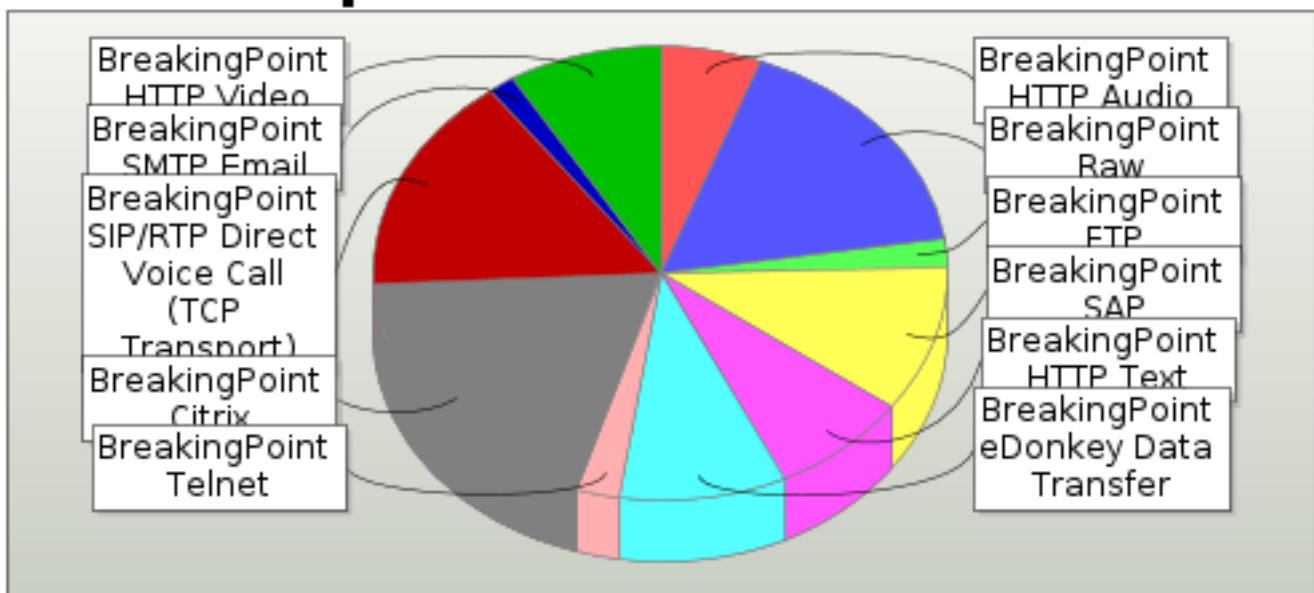
Protocol	Data Transmitted (Bytes)	Data Transmitted (%)	Data Received (Bytes)	Data Received (%)	Delta Received (Tx - Rx) (Bytes)	% Received (%)
SAP	3,501,084	10.058%	3,501,084	10.059%	0	100
SMTP	540,270	1.552%	540,270	1.552%	0	100
eDonkey	3,486,040	10.015%	3,486,040	10.015%	0	100
RTCP	34,766	0.100%	34,766	0.100%	0	100
RTP	5,428,520	15.595%	5,428,520	15.596%	0	100
DNS	124,560	0.358%	124,560	0.358%	0	100
Raw	5,024,400	14.434%	5,024,400	14.435%	0	100
SIP	118,682	0.341%	118,682	0.341%	0	100
HTTP	8,315,002	23.887%	8,311,974	23.881%	3,028	99.964
Citrix	6,859,784	19.707%	6,859,784	19.708%	0	100
Telnet	718,852	2.065%	718,852	2.065%	0	100
FTP	657,550	1.889%	657,550	1.889%	0	100

7.9. Super Flow Data

Super Flow Data Transmitted



Super Flow Data Received

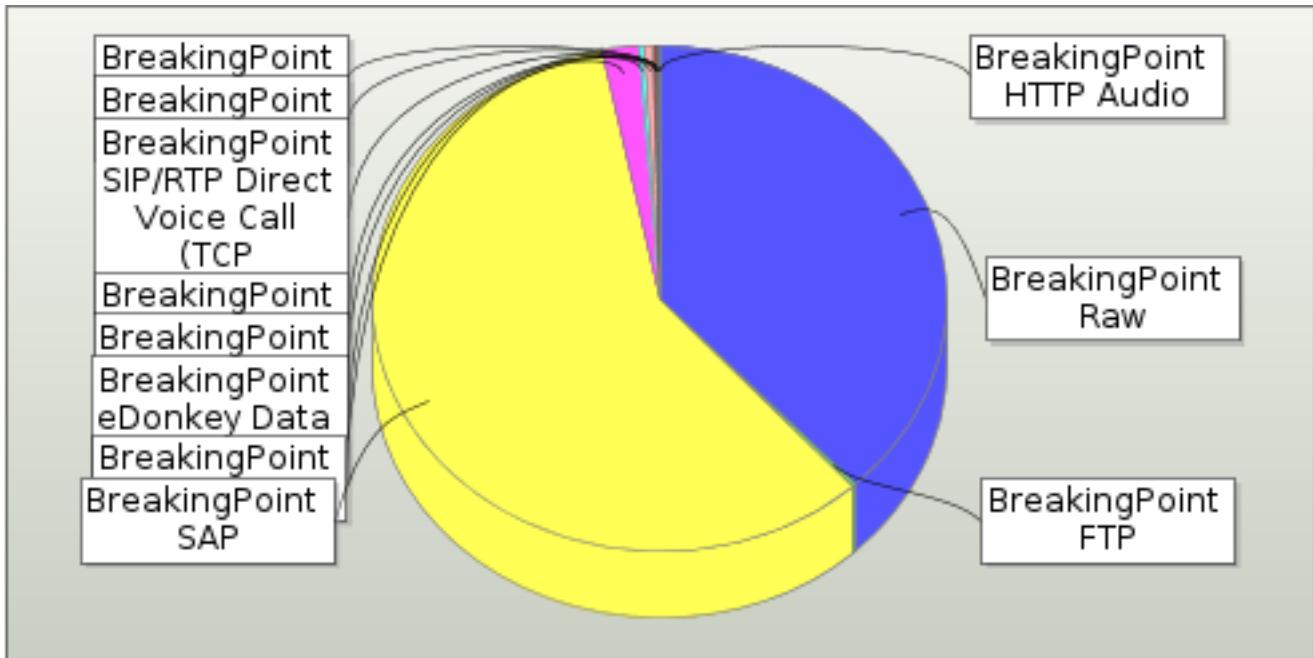


There may be slices in this graph that are too small to be displayed.

Super Flow	Data Transmitted (Bytes)	Data Transmitted (%)	Data Received (Bytes)	Data Received (%)	Delta Received (Tx - Rx) (Bytes)	% Received (%)
BreakingPoint HTTP Audio	2,243,580	5.711%	2,243,580	5.711%	0	100
BreakingPoint Raw	6,632,208	16.882%	6,632,208	16.883%	0	100
BreakingPoint FTP	753,822	1.919%	753,822	1.919%	0	100
BreakingPoint SAP	4,118,556	10.483%	4,118,556	10.484%	0	100
BreakingPoint HTTP Text	3,086,748	7.857%	3,086,748	7.858%	0	100
BreakingPoint eDonkey Data Transfer	3,697,240	9.411%	3,697,240	9.412%	0	100

Super Flow	Data Transmitted (Bytes)	Data Transmitted (%)	Data Received (Bytes)	Data Received (%)	Delta Received (Tx - Rx) (Bytes)	% Received (%)
BreakingPoint Telnet	950,292	2.419%	950,292	2.419%	0	100
BreakingPoint Citrix	7,684,424	19.560%	7,684,424	19.561%	0	100
BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)	6,180,176	15.731%	6,180,176	15.732%	0	100
BreakingPoint SMTP Email	573,862	1.461%	573,862	1.461%	0	100
BreakingPoint HTTP Video	3,365,610	8.567%	3,362,534	8.560%	3,076	99.909

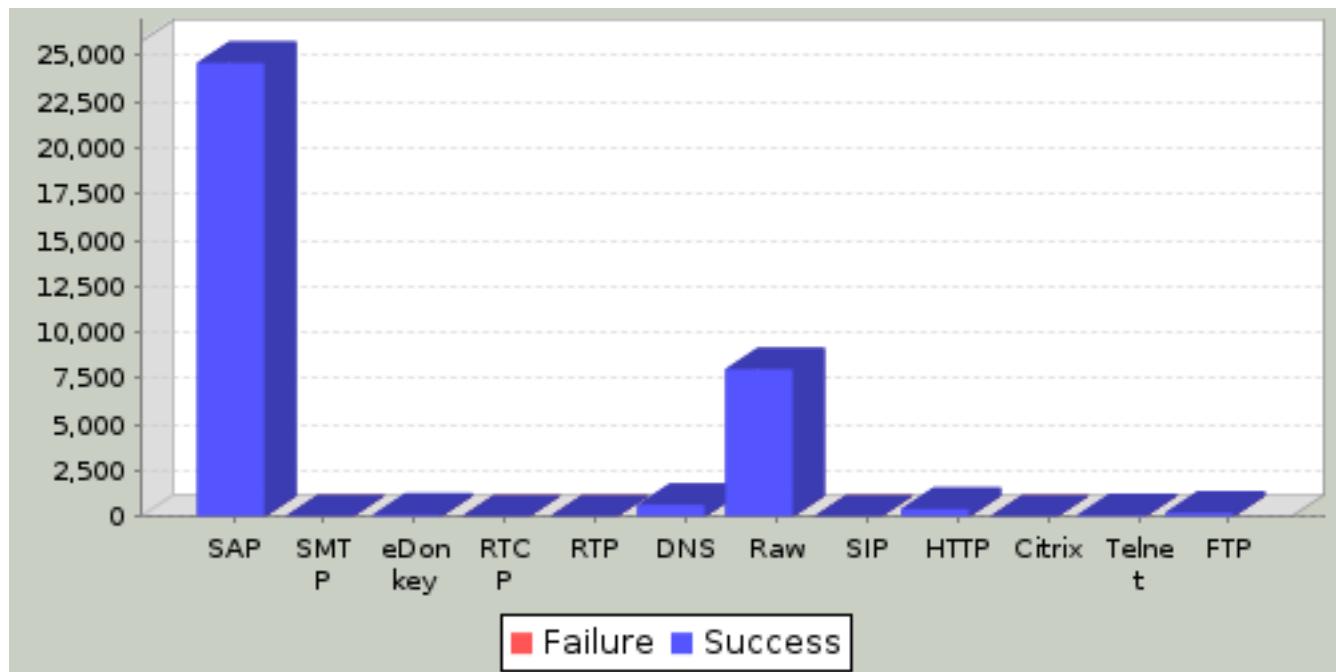
7.10. Super Flow Iterations



There may be slices in this graph that are too small to be displayed.

Super Flow	Iterations (Iteration)	Iterations (%)
BreakingPoint HTTP Audio	4	0.018%
BreakingPoint Raw	8,374	38.060%
BreakingPoint FTP	44	0.200%
BreakingPoint SAP	12,864	58.467%
BreakingPoint HTTP Text	456	2.073%
BreakingPoint eDonkey Data Transfer	70	0.318%
BreakingPoint Telnet	124	0.564%
BreakingPoint Citrix	8	0.036%
BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)	26	0.118%
BreakingPoint SMTP Email	26	0.118%
BreakingPoint HTTP Video	6	0.027%

7.11. Application Transactions Summary



Protocol	Success (Transactions)	Failure (Transactions)
SAP	25,728	0
SMT P	26	0
eDonkey	140	0
RTC P	8	0
RTP	8	0
DNS	686	0
Raw	8,374	0
SIP	8	0
HTTP	466	0
Citrix	8	0
Telnet	124	0
FTP	264	0

7.12. Application Summary

Measurement	Value
Frames transmitted	186,542
Frames received	186,540 99.999%
Frame data transmitted	34,809,510
Frame data received	34,806,482 99.991%
Attempted	35,876
Successes	35,840 99.900%
Failures due to ramp down	36 0.100%
Failures due to external events	0
Failures due to TCP retry limit	0
Failures due to UDP receive timeout	0
Failures due to resolve receive timeout	0
Failures due to a premature session close	0
Failures due to a premature Super Flow close	0
General application failures	0
Attempted matches	0
Successful matches	0
Failed matches	0
Conditional Request chunk starts	0
Conditional Request chunk ends	0
Server Response data valid count	0
Server Response data not valid count	0

7.13. IP Summary

Measurement	Value
Frames transmitted	186,544
Frames received	186,544 100.000%
Frame data transmitted	34,809,642
Frame data received	34,809,642 100.000%
Fragments transmitted	0
Fragments received	0

7.14. Frame Data Rate Summary

Measurement	Value (Mb/s)
Minimum Tx Data Rate Mb/s	0.0046
Average Tx Data Rate Mb/s	5.7501
Maximum Tx Data Rate Mb/s	39.7108
Standard Deviation of mean Tx Data Rate Mb/s	8.4518
Minimum Rx Data Rate Mb/s	0.0094
Average Rx Data Rate Mb/s	5.7521
Maximum Rx Data Rate Mb/s	39.7186
Standard Deviation of mean Rx Data Rate Mb/s	8.4693

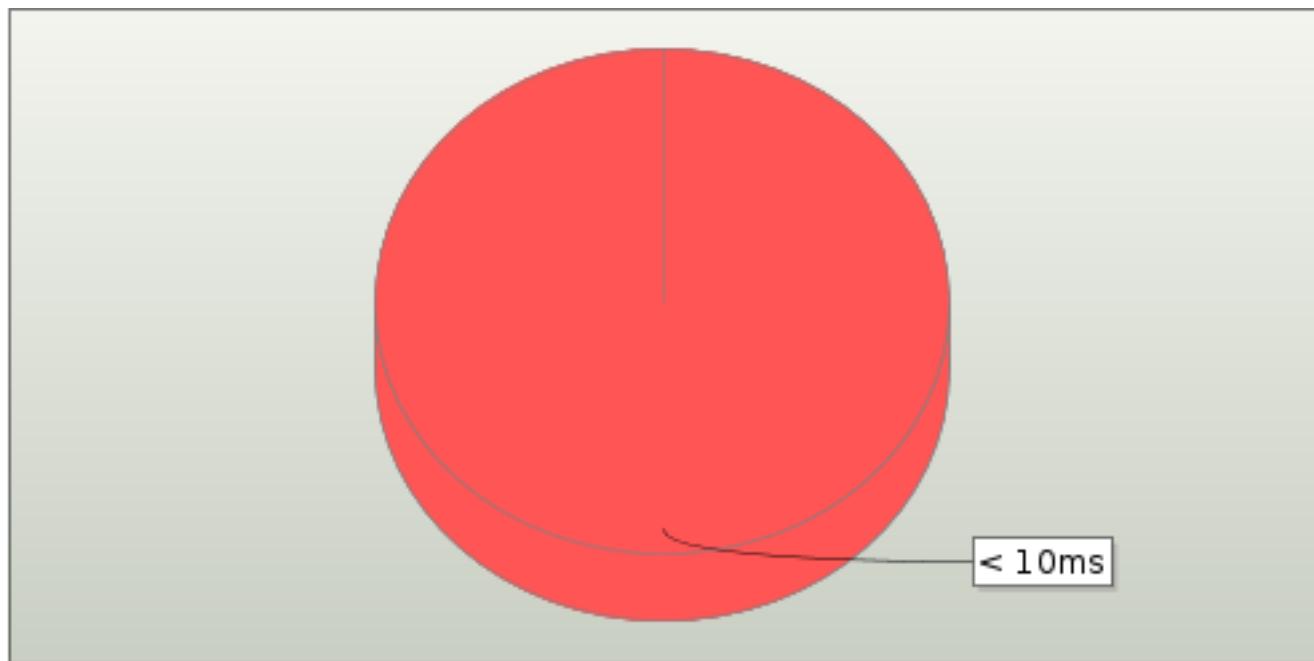
7.14.1. Frame Data Rate Summary: 1

Measurement	Value (Mb/s)
Minimum Tx Data Rate Mb/s	0.0023
Average Tx Data Rate Mb/s	2.2917
Maximum Tx Data Rate Mb/s	8.9303
Standard Deviation of mean Tx Data Rate Mb/s	2.3406
Minimum Rx Data Rate Mb/s	0.0012
Average Rx Data Rate Mb/s	3.4641
Maximum Rx Data Rate Mb/s	30.7814
Standard Deviation of mean Rx Data Rate Mb/s	6.4587

7.14.2. Frame Data Rate Summary: 2

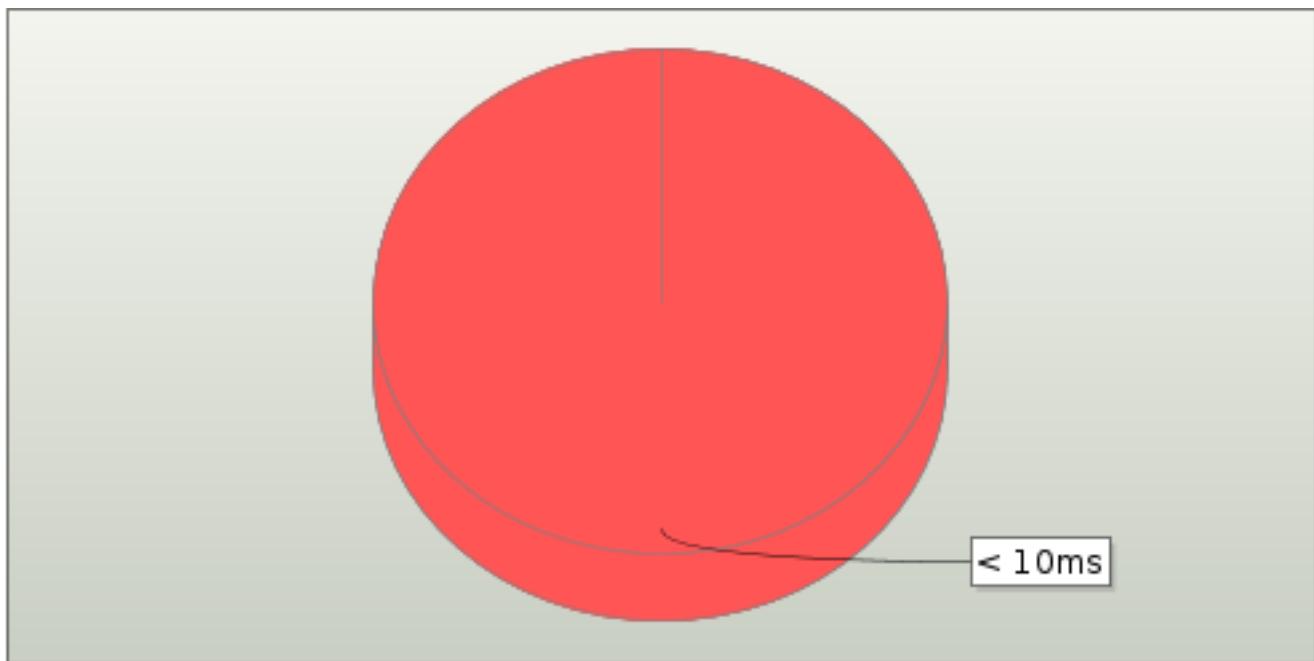
Measurement	Value (Mb/s)
Minimum Tx Data Rate Mb/s	0.0023
Average Tx Data Rate Mb/s	3.4584
Maximum Tx Data Rate Mb/s	30.7805
Standard Deviation of mean Tx Data Rate Mb/s	6.4172
Minimum Rx Data Rate Mb/s	0.0082
Average Rx Data Rate Mb/s	2.2880
Maximum Rx Data Rate Mb/s	8.9371
Standard Deviation of mean Rx Data Rate Mb/s	2.3035

7.15. TCP Setup Time



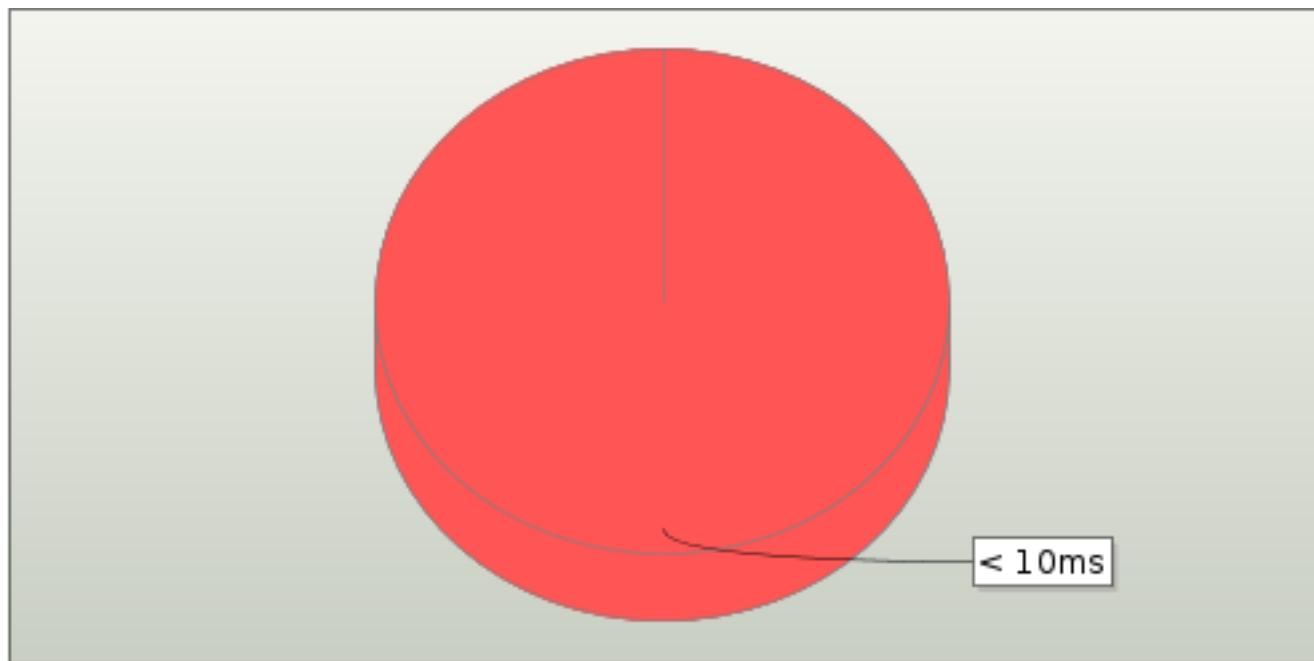
Measurement	Value (TCP Sessions)
< 10ms	9,340
10 < 100ms	0
100 < 1000ms	0
1000 < 10000ms	0
>= 10000ms	0

7.16. TCP Response Time



Measurement	Value (TCP Sessions)
< 10ms	9,340
10 < 100ms	0
100 < 1000ms	0
1000 < 10000ms	0
>= 10000ms	0

7.17. TCP Close Time



Measurement	Value (TCP Sessions)
< 10ms	9,322
10 < 100ms	0
100 < 1000ms	0
1000 < 10000ms	0
>= 10000ms	0

7.18. TCP Summary

Measurement	Value
Frames transmitted	135,138
Frames received	135,138 100.000%
Frame data transmitted	25,720,712
Frame data received	25,720,712 100.000%
Client attempted	9,340
Client established	9,340
Client closed normally	9,322
Client received FIN	9,322
Client closed by sending RST	0
Client received RST	0
Server established	9,340
Server closed normally	9,322
Server received FIN	9,322
Server closed by sending RST	0
Server received RST	0
Unknown/Closed flow received RST	2
Corrupt TCP Options	0
Invalid TCP Header Length	0
Invalid TCP Flag Combination	0
Aggregate open retries	0
Aggregate data retries	0
Aggregate close retries	0
Aggregate closed normally	18,644
Aggregate closed by sending RST	0

7.19. UDP Summary

Measurement	Value
Frames transmitted	51,406
Frames received	51,406 100.000%
Frame data transmitted	9,088,930
Frame data received	9,088,930 100.000%
Client established	13,602
Server established	13,602
Frames with invalid length	0

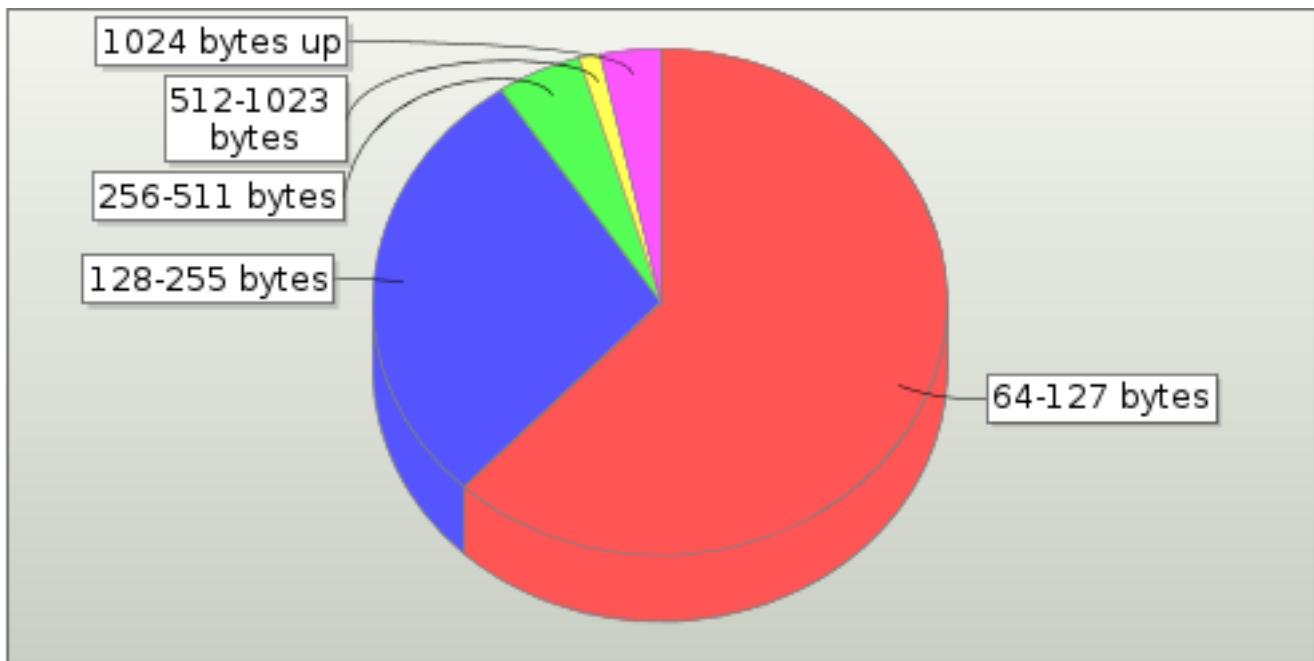
7.20. RTP Summary

Measurement	Value
Frames transmitted	24,020
Frames received	23,986 99.858%
Frame data transmitted	3,843,200
Frame data received	3,837,760 99.858%
Client established	26
Server established	0

7.21. Frame Latency Summary

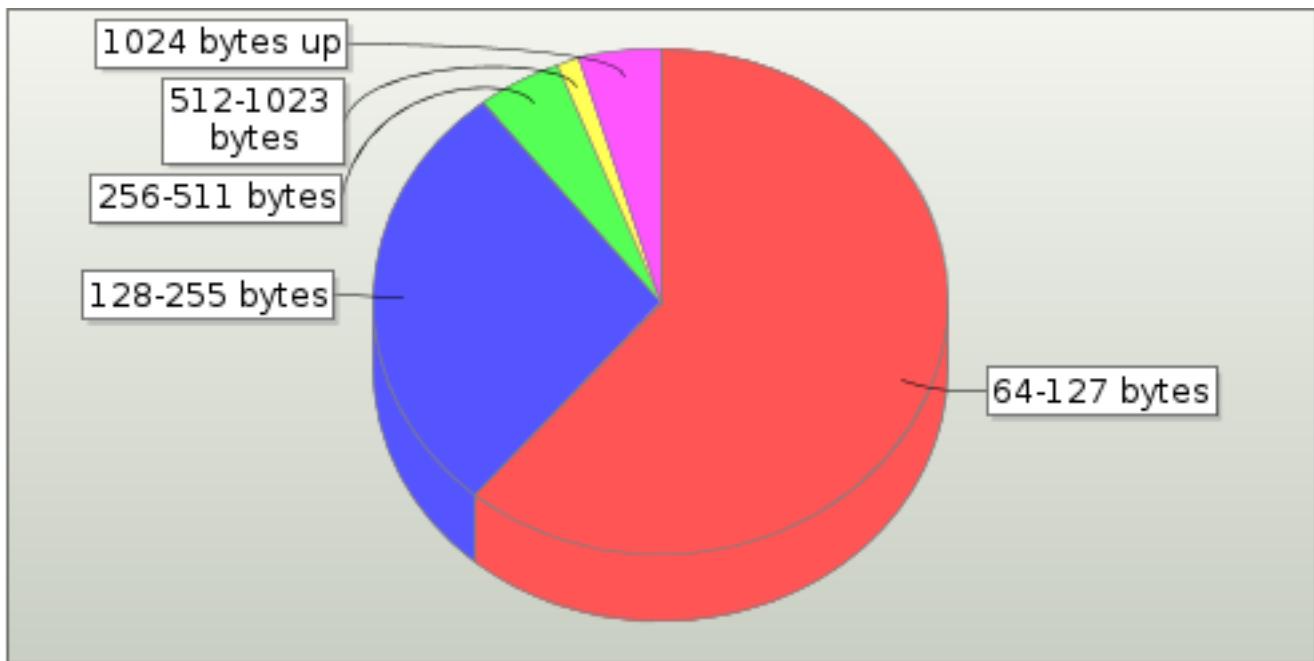
Measurement	Value (Microseconds)
Average	5.792
Minimum	4
Maximum	16.875

7.22. Transmitted Frame Size



Measurement	Value (Frames)
64-127 bytes	114,182
128-255 bytes	52,722
256-511 bytes	8,780
512-1023 bytes	2,268
1024 bytes up	6,158

7.23. Received Frame Size



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

Measurement	Value (Frames)
64-127 bytes	114,182
128-255 bytes	52,722
256-511 bytes	8,780
512-1023 bytes	2,268
1024 bytes up	8,592

7.24. Component Flow Counts

Measurement	Value
UDP Flows	13,584
TCP Flows	9,340
SCTP Flows	0
Flow Exceptions	0

7.25. Detail

7.25.1. Response Summary

Protocol	Action ID	Match Id	Matching String	Matching Type	Matching Count
					<i>Transactions</i>
BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)	3	match1	INVITE[\x00-\uff]+Via:\s+SIPV2.0VT CP\s+(((.+)):(.+);branc h=([0-9a-zA-Z;]+)[\r\n]+[\x00-\uff]+c=IN\sIP[4 6]\s(.+) [\r\n]+[\x00-\uff]+m=audio\s(\d+)\s	Regex	0
BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)	3	no match			0
BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)	8	match1	SIP/2.0 200 [\x00-\uff]+c=IN\sIP[4 6]\s(.+) [\r\n]+[\x00-\uff]+m=audio\s(\d+)\s	Regex	0
BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)	8	no match			0
BreakingPoint FTP	9	match1	\(\ \ \ ([0-9]*)\ \)	Regex	0
BreakingPoint FTP	9	no match			0
BreakingPoint FTP	20	match1	\(\ \ \ ([0-9]*)\ \)	Regex	0
BreakingPoint FTP	20	no match			0
BreakingPoint FTP	29	match1	\(\ \ \ ([0-9]*)\ \)	Regex	0
BreakingPoint FTP	29	no match			0

7.25.1.1. Response Summary: BreakingPoint FTP

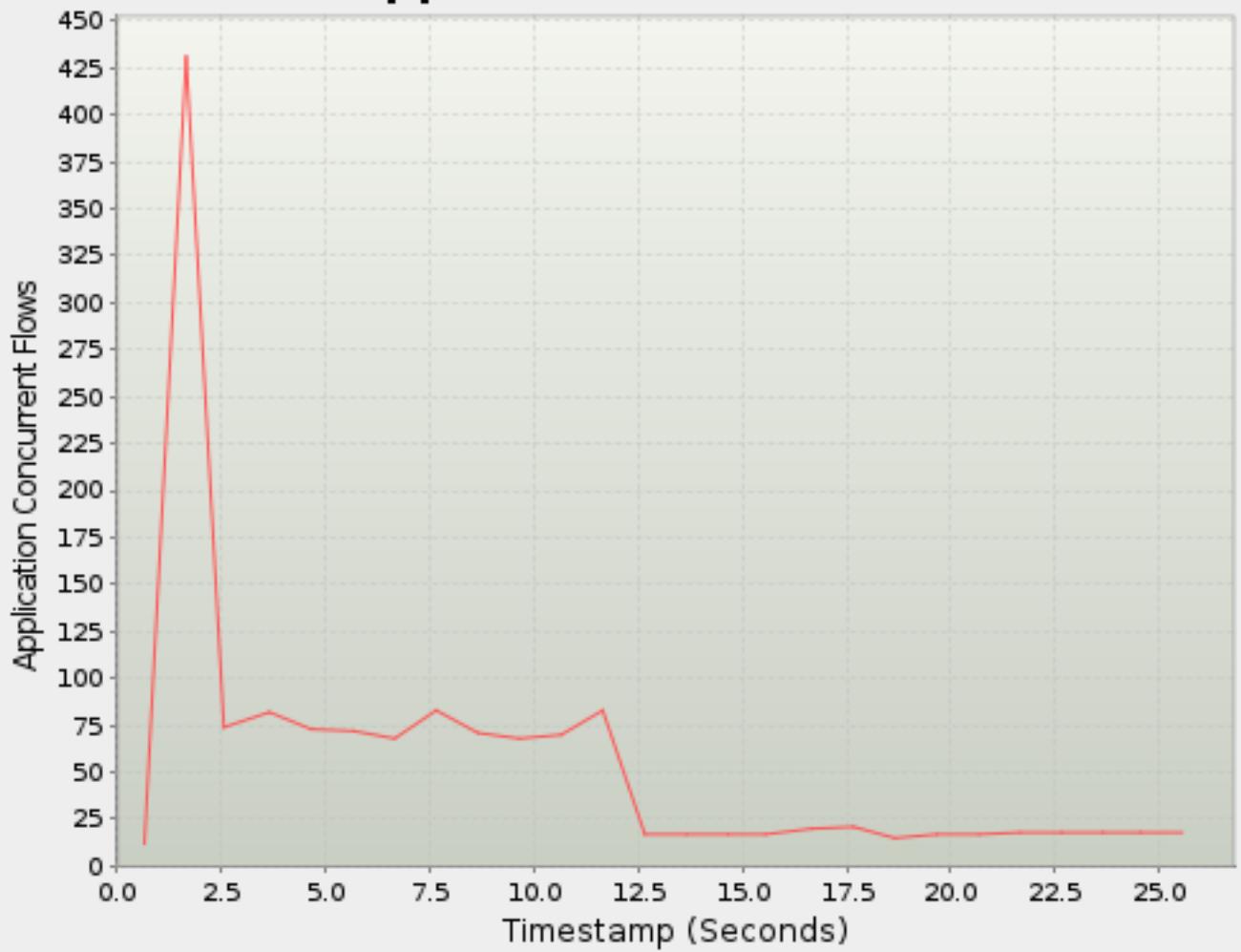
Protocol	Action ID	Match Id	Matching String	Matching Type	Matching Count
					<i>Transactions</i>
BreakingPoint FTP	9	match1	\(\ \ ([0-9]*)\ \)	Regex	0
BreakingPoint FTP	9	no match			0
BreakingPoint FTP	20	match1	\(\ \ ([0-9]*)\ \)	Regex	0
BreakingPoint FTP	20	no match			0
BreakingPoint FTP	29	match1	\(\ \ ([0-9]*)\ \)	Regex	0
BreakingPoint FTP	29	no match			0

7.25.1.2. Response Summary: BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)

Protocol	Action ID	Match Id	Matching String	Matching Type	Matching Count
<i>Transactions</i>					
BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)	3	match1	INVITE[\x00-\uff]+Via:\s+SIPV2.0VT CP\s+((.++)):(.+);branc h=([0-9a-zA-Z;]+)(\r\n]+[\x00-\uff]+c=IN\sIP[4 6]\s(.+)\r\n]+[\x00-\uff]+m=audio\s(\d+)\s	Regex	0
BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)	3	no match			0
BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)	8	match1	SIP/2.0 200 [\x00-\uff]+c=IN\sIP[4 6]\s(.+)\r\n]+[\x00-\uff]+m=audio\s(\d+)\s	Regex	0
BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)	8	no match			0

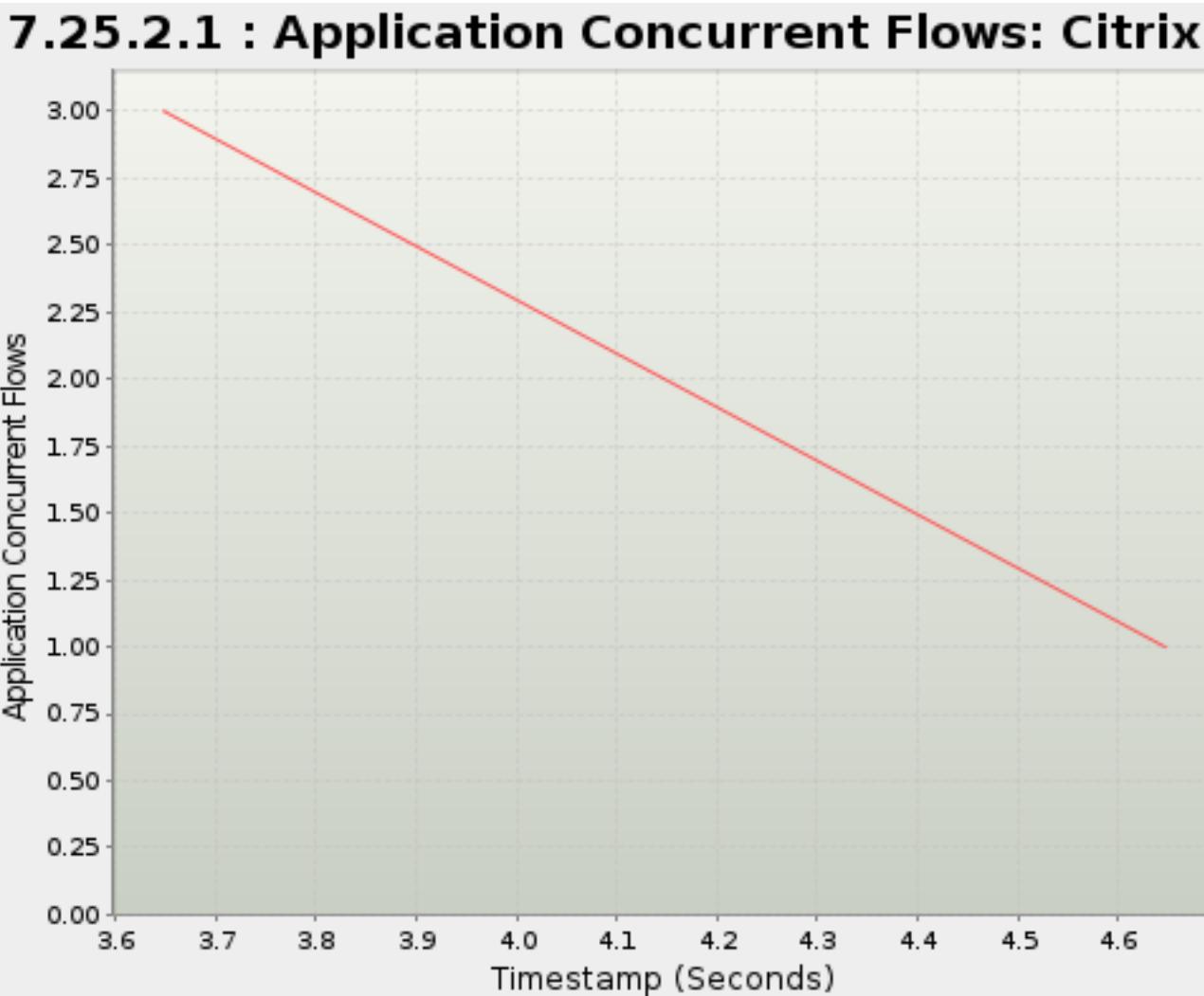
7.25.2. Application Concurrent Flows

7.25.2 : Application Concurrent Flows



Timestamp	Application Concurrent Flows
Seconds	Flows
0.647	12
1.649	431
2.554	74
3.648	82
4.647	73
5.669	72
6.652	68
7.651	83
8.652	71
9.650	68
10.651	70
11.647	83
12.659	17
13.661	17
14.660	17
15.554	17
16.667	20
17.665	21
18.659	15
19.667	17
20.686	17
21.659	18
22.658	18
23.657	18

Timestamp	Application Concurrent Flows	
	Seconds	Flows
24.553		18
25.553		18
26.108		0
27.137		0

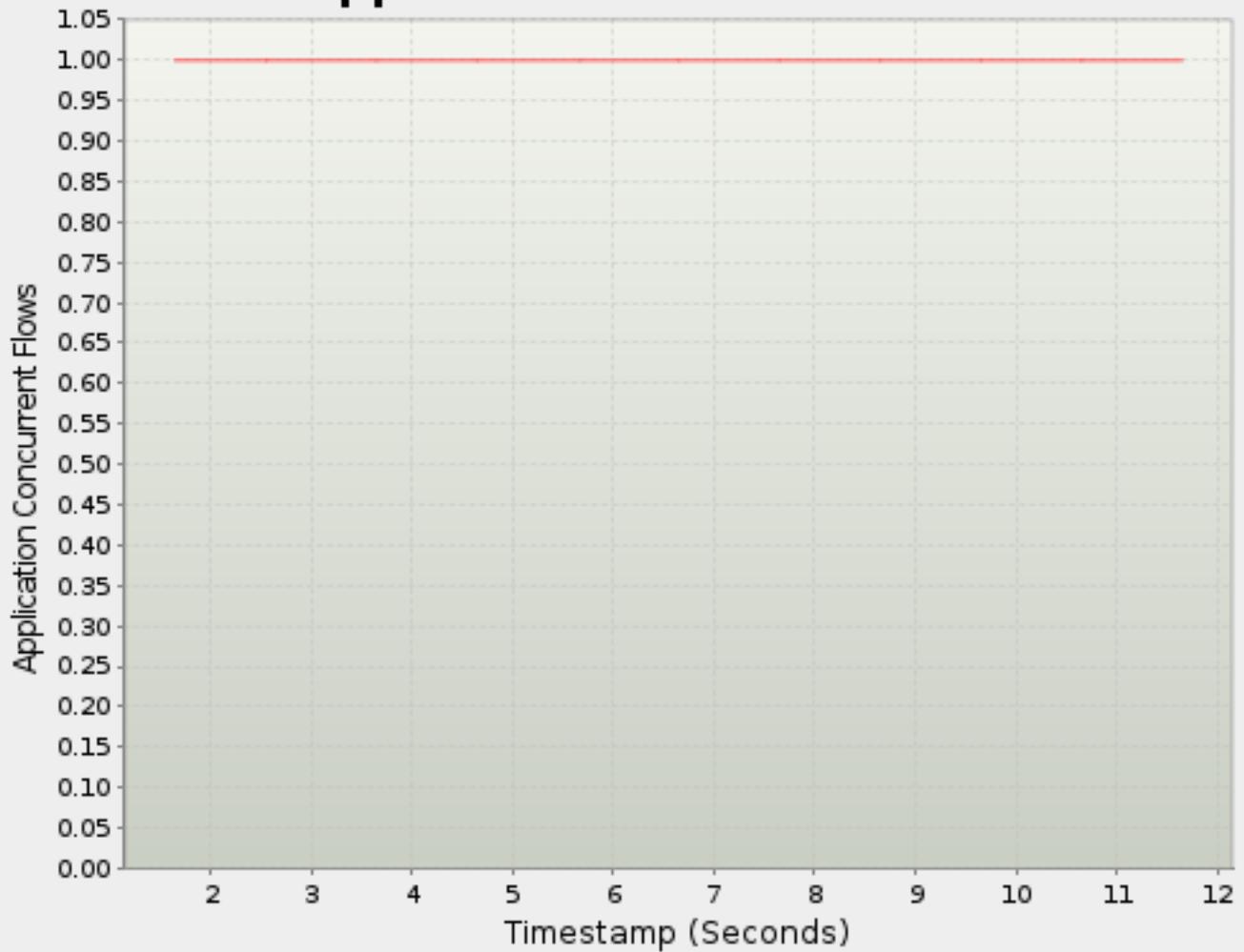
7.25.2.1. Application Concurrent Flows: Citrix

Timestamp	Application Concurrent Flows
3.648	3
4.647	1
5.669	0
6.652	0
7.651	0
8.652	0
9.650	0
10.651	0
11.647	0
12.659	0
13.661	0
14.660	0
15.554	0
16.667	0
17.665	0
18.659	0
19.667	0
20.686	0
21.659	0
22.658	0
23.657	0
24.553	0
25.553	0
26.108	0

Timestamp	Application Concurrent Flows
Seconds	Flows
27.137	0

7.25.2.2. Application Concurrent Flows: DNS

7.25.2.2 : Application Concurrent Flows: DNS

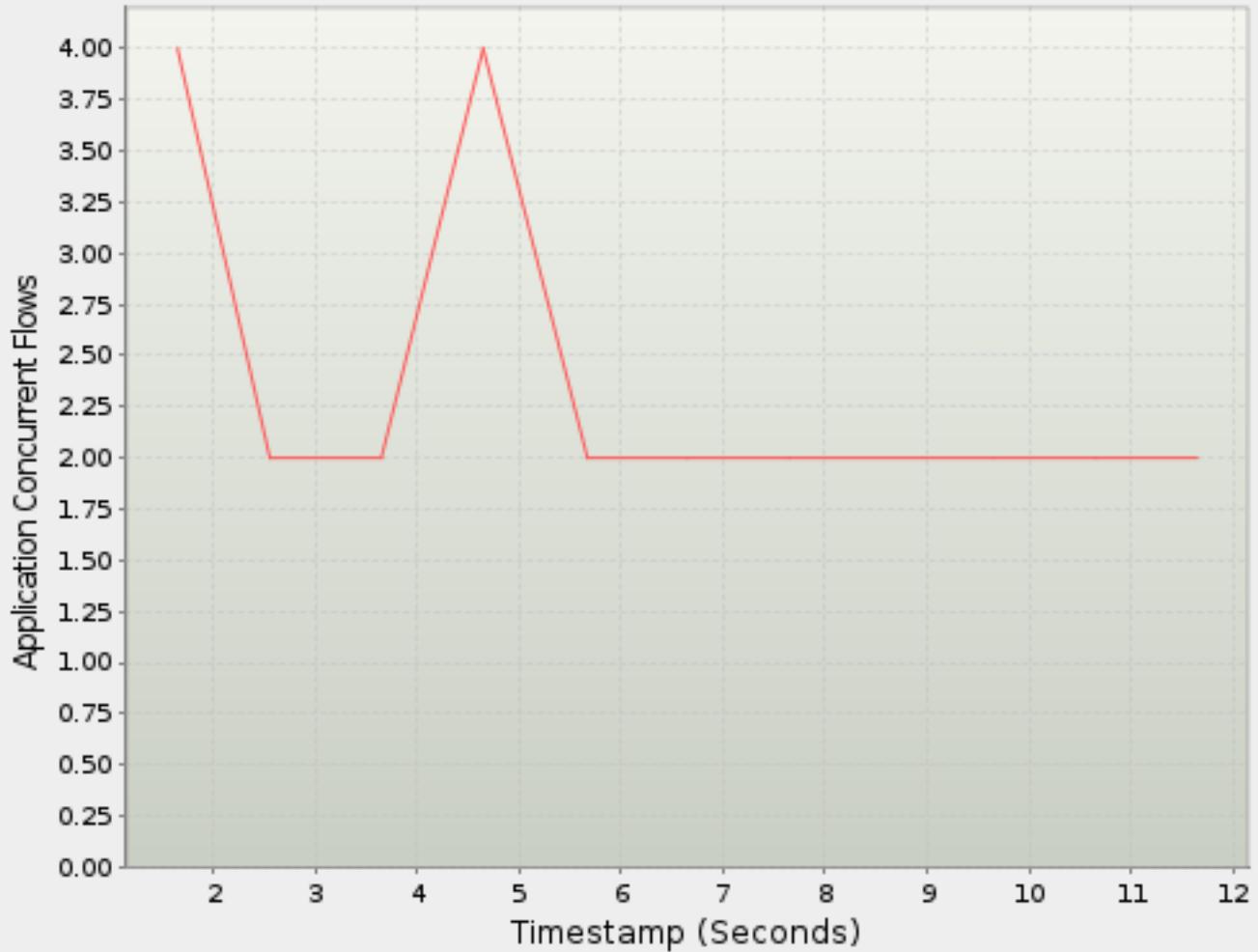


Timestamp	Application Concurrent Flows	
	Seconds	Flows
1.649		1
2.554		1
3.648		1
4.647		1
5.669		1
6.652		1
7.651		1
8.652		1
9.650		1
10.651		1
11.647		1
12.659		0
13.661		0
14.660		0
15.554		0
16.667		0
17.665		0
18.659		0
19.667		0
20.686		0
21.659		0
22.658		0
23.657		0
24.553		0

Timestamp	Application Concurrent Flows	
	Seconds	Flows
25.553		0
26.108		0
27.137		0

7.25.2.3. Application Concurrent Flows: FTP

7.25.2.3 : Application Concurrent Flows: FTP

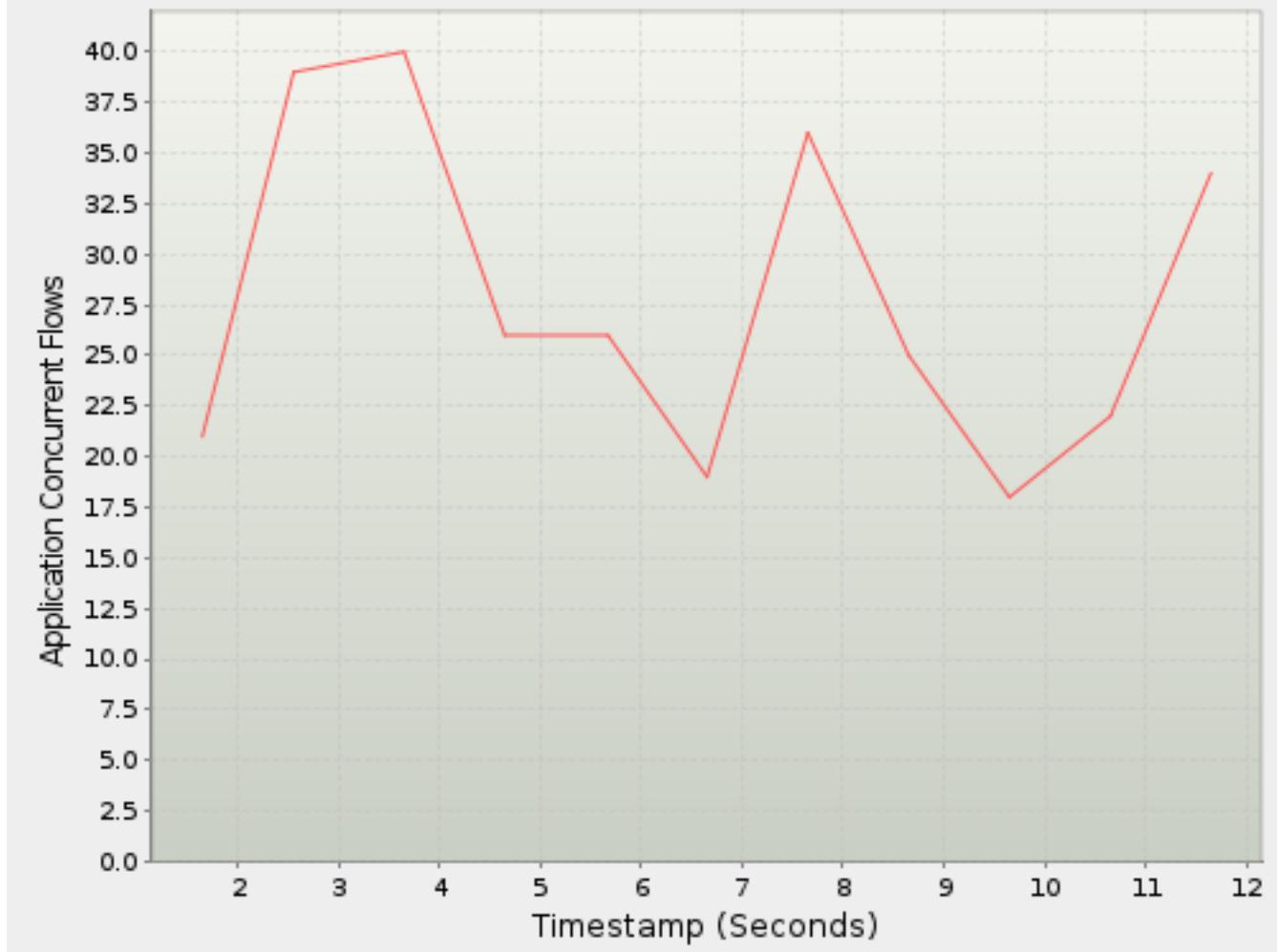


Timestamp	Application Concurrent Flows
Seconds	Flows
1.649	4
2.554	2
3.648	2
4.647	4
5.669	2
6.652	2
7.651	2
8.652	0
9.650	2
10.651	2
11.647	2
12.659	0
13.661	0
14.660	0
15.554	0
16.667	0
17.665	0
18.659	0
19.667	0
20.686	0
21.659	0
22.658	0
23.657	0
24.553	0

Timestamp	Application Concurrent Flows	
	<i>Seconds</i>	<i>Flows</i>
25.553		0
26.108		0
27.137		0

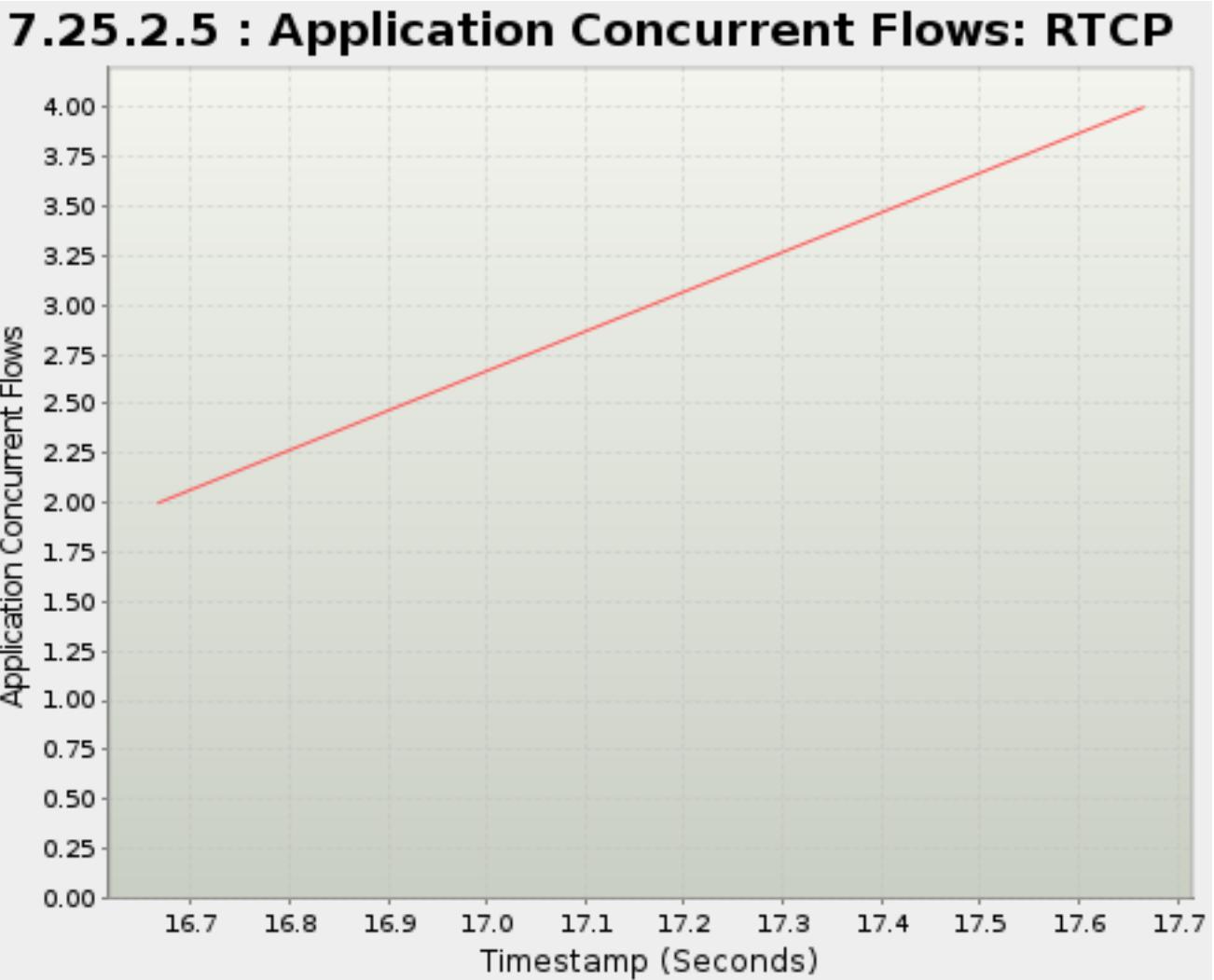
7.25.2.4. Application Concurrent Flows: HTTP

7.25.2.4 : Application Concurrent Flows: HTTP



Timestamp	Application Concurrent Flows
Seconds	Flows
1.649	21
2.554	39
3.648	40
4.647	26
5.669	26
6.652	19
7.651	36
8.652	25
9.650	18
10.651	22
11.647	34
12.659	0
13.661	0
14.660	0
15.554	0
16.667	0
17.665	0
18.659	0
19.667	0
20.686	0
21.659	0
22.658	0
23.657	0
24.553	0

Timestamp	Application Concurrent Flows	
	Seconds	Flows
25.553		0
26.108		0
27.137		0

7.25.2.5. Application Concurrent Flows: RTCP

Timestamp	Application Concurrent Flows
5.669	0
6.652	0
7.651	0
8.652	0
9.650	0
10.651	0
11.647	0
12.659	0
13.661	0
14.660	0
15.554	0
16.667	2
17.665	4
18.659	0
19.667	0
20.686	0
21.659	0
22.658	0
23.657	0
24.553	0
25.553	0
26.108	0
27.137	0

7.25.2.6. Application Concurrent Flows: RTP

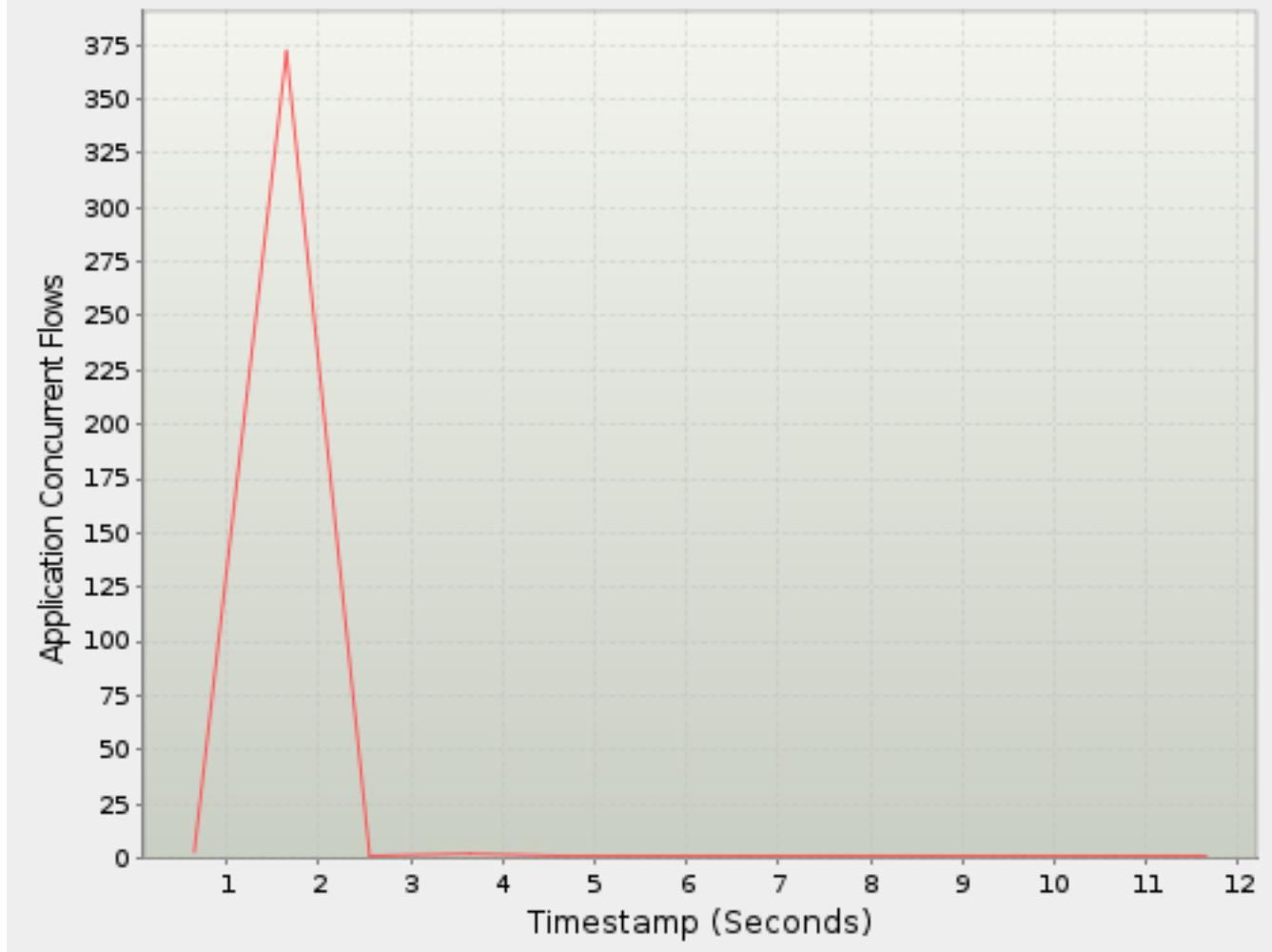
7.25.2.6 : Application Concurrent Flows: RTP



Timestamp	Application Concurrent Flows	
	Seconds	Flows
4.647		4
5.669		4
6.652		4
7.651		4
8.652		4
9.650		4
10.651		4
11.647		4
12.659		4
13.661		4
14.660		4
15.554		4
16.667		5
17.665		4
18.659		6
19.667		8
20.686		8
21.659		9
22.658		9
23.657		9
24.553		9
25.553		9
26.108		0
27.137		0

7.25.2.7. Application Concurrent Flows: Raw

7.25.2.7 : Application Concurrent Flows: Raw



Timestamp	Application Concurrent Flows
Seconds	Flows
0.647	3
1.649	372
2.554	1
3.648	2
4.647	1
5.669	1
6.652	1
7.651	1
8.652	1
9.650	1
10.651	1
11.647	1
12.659	0
13.661	0
14.660	0
15.554	0
16.667	0
17.665	0
18.659	0
19.667	0
20.686	0
21.659	0
22.658	0
23.657	0

Timestamp	Application Concurrent Flows	
	Seconds	Flows
24.553		0
25.553		0
26.108		0
27.137		0

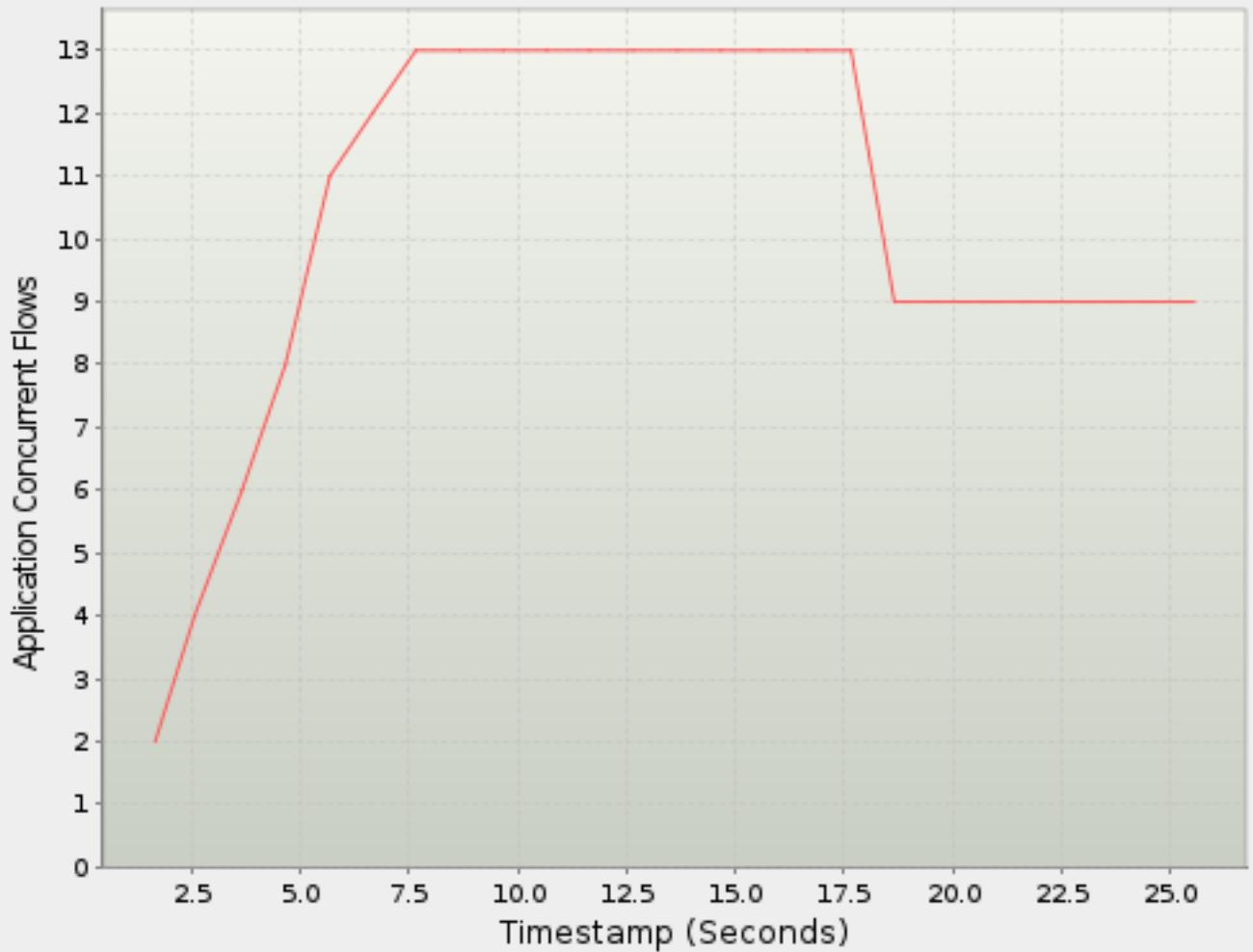
7.25.2.8. Application Concurrent Flows: SAP

7.25.2.8 : Application Concurrent Flows: SAP



Timestamp	Application Concurrent Flows
0.647	9
1.649	26
2.554	24
3.648	24
4.647	24
5.669	25
6.652	27
7.651	23
8.652	25
9.650	27
10.651	25
11.647	25
12.659	0
13.661	0
14.660	0
15.554	0
16.667	0
17.665	0
18.659	0
19.667	0
20.686	0
21.659	0
22.658	0
23.657	0

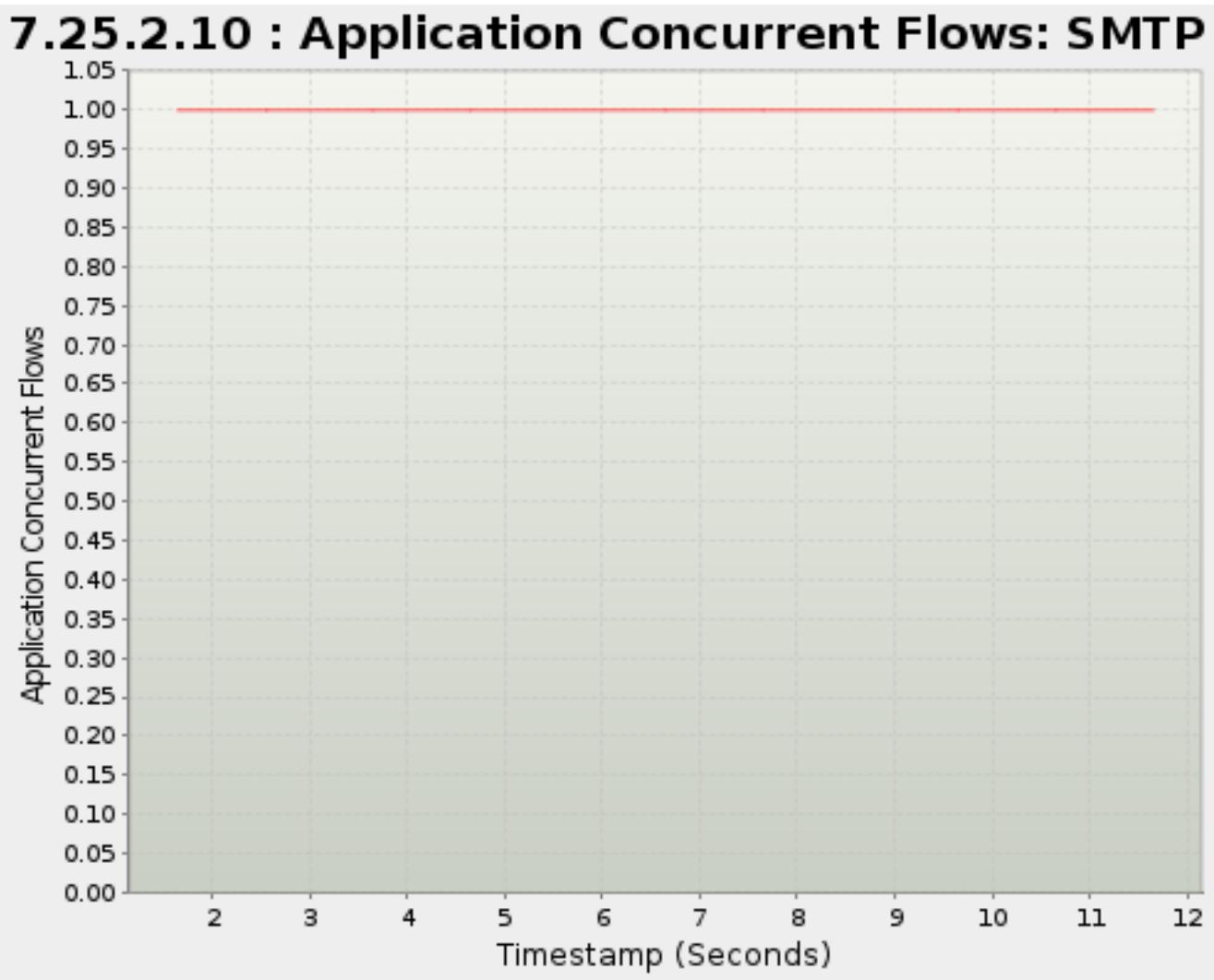
Timestamp	Application Concurrent Flows	
	Seconds	Flows
24.553		0
25.553		0
26.108		0
27.137		0

7.25.2.9. Application Concurrent Flows: SIP**7.25.2.9 : Application Concurrent Flows: SIP**

Timestamp	Application Concurrent Flows
Seconds	Flows
1.649	2
2.554	4
3.648	6
4.647	8
5.669	11
6.652	12
7.651	13
8.652	13
9.650	13
10.651	13
11.647	13
12.659	13
13.661	13
14.660	13
15.554	13
16.667	13
17.665	13
18.659	9
19.667	9
20.686	9
21.659	9
22.658	9
23.657	9
24.553	9

Timestamp	Application Concurrent Flows	
	Seconds	Flows
25.553		9
26.108		0
27.137		0

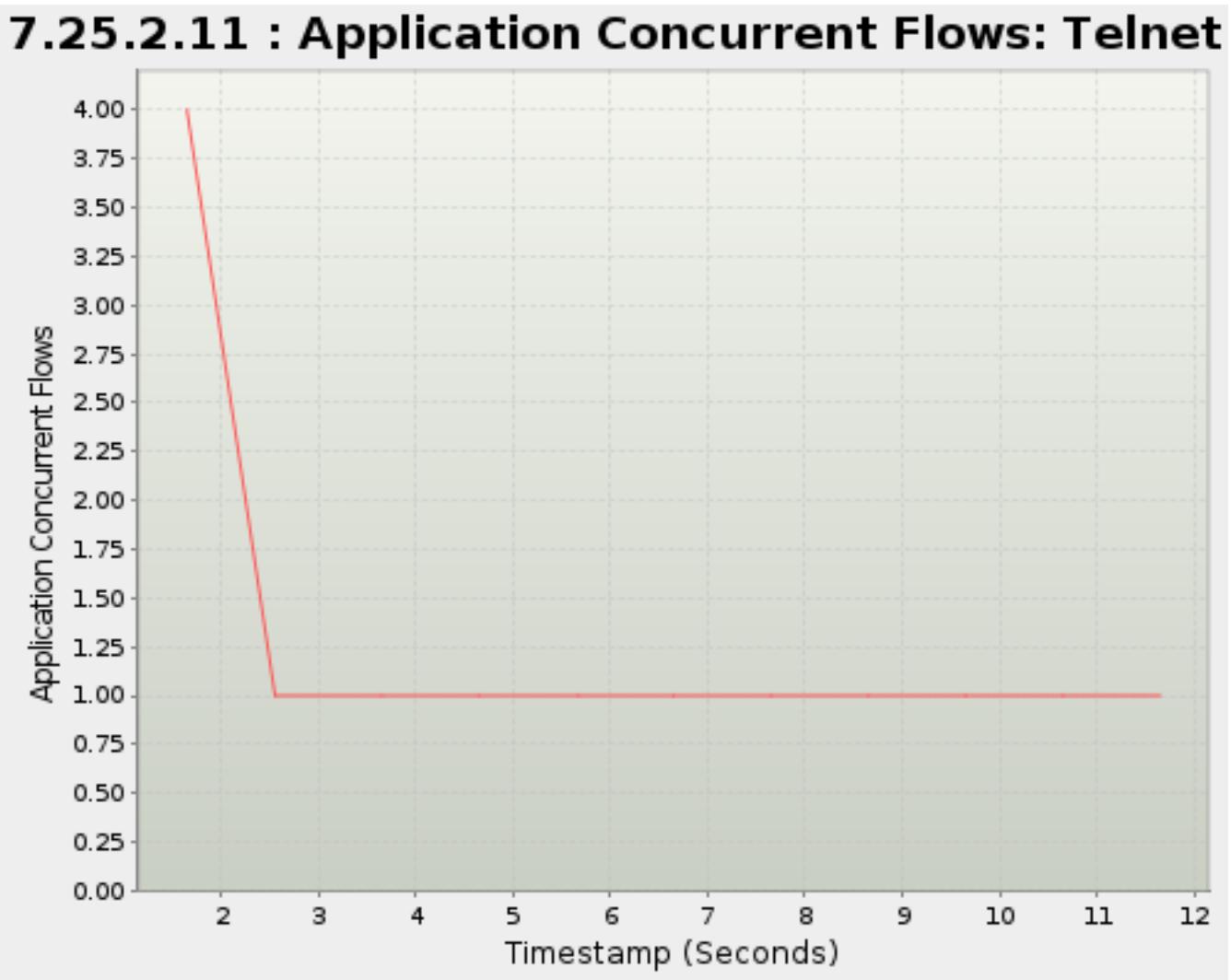
7.25.2.10. Application Concurrent Flows: SMTP



Timestamp	Application Concurrent Flows	
	Seconds	Flows
1.649		1
2.554		1
3.648		1
4.647		1
5.669		0
6.652		1
7.651		1
8.652		0
9.650		1
10.651		1
11.647		1
12.659		0
13.661		0
14.660		0
15.554		0
16.667		0
17.665		0
18.659		0
19.667		0
20.686		0
21.659		0
22.658		0
23.657		0
24.553		0

Timestamp	Application Concurrent Flows	
	Seconds	Flows
25.553		0
26.108		0
27.137		0

7.25.2.11. Application Concurrent Flows: Telnet

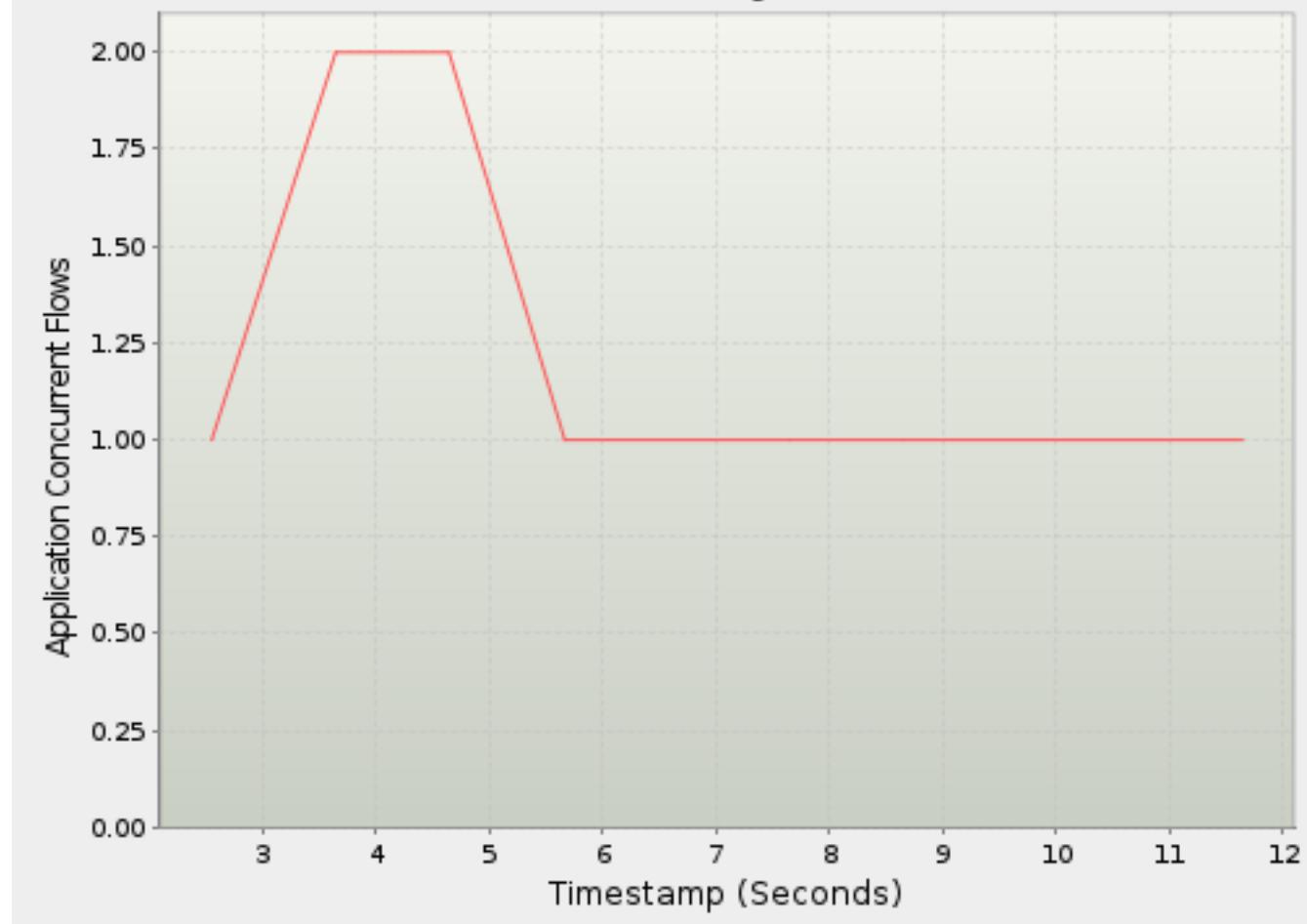


Timestamp	Application Concurrent Flows	
	Seconds	Flows
1.649		4
2.554		1
3.648		1
4.647		1
5.669		1
6.652		1
7.651		1
8.652		1
9.650		1
10.651		1
11.647		1
12.659		0
13.661		0
14.660		0
15.554		0
16.667		0
17.665		0
18.659		0
19.667		0
20.686		0
21.659		0
22.658		0
23.657		0
24.553		0

Timestamp	Application Concurrent Flows	
	Seconds	Flows
25.553		0
26.108		0
27.137		0

7.25.2.12. Application Concurrent Flows: eDonkey

7.25.2.12 : Application Concurrent Flows: eDonkey

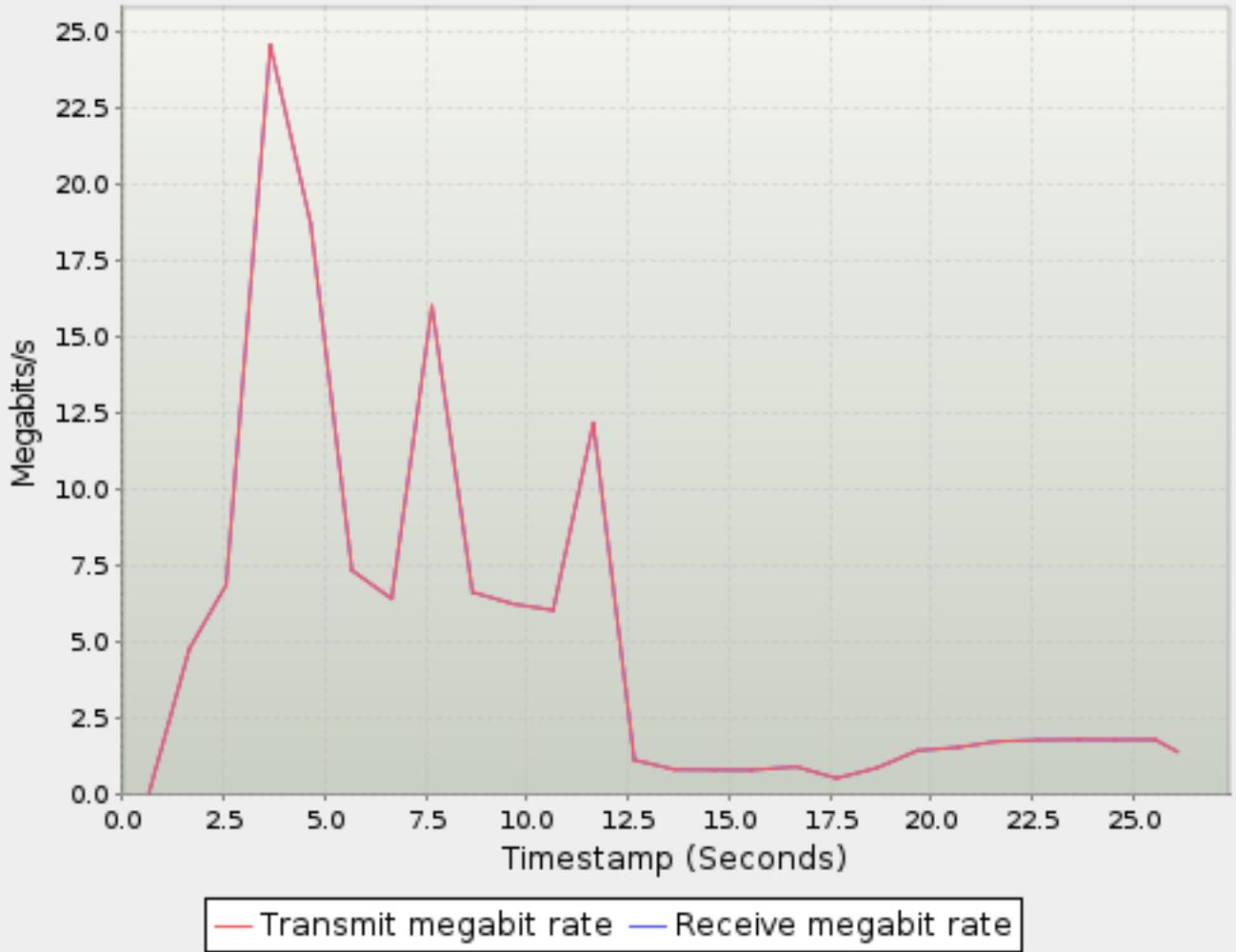


Timestamp	Application Concurrent Flows
Seconds	Flows
2.554	1
3.648	2
4.647	2
5.669	1
6.652	0
7.651	1
8.652	1
9.650	0
10.651	0
11.647	1
12.659	0
13.661	0
14.660	0
15.554	0
16.667	0
17.665	0
18.659	0
19.667	0
20.686	0
21.659	0
22.658	0
23.657	0
24.553	0
25.553	0

Timestamp	Application Concurrent Flows	
	Seconds	Flows
26.108		0
27.137		0

7.25.3. Application Data Throughput

7.25.3 : Application Data Throughput



Data Rate shown includes Ethernet overhead.

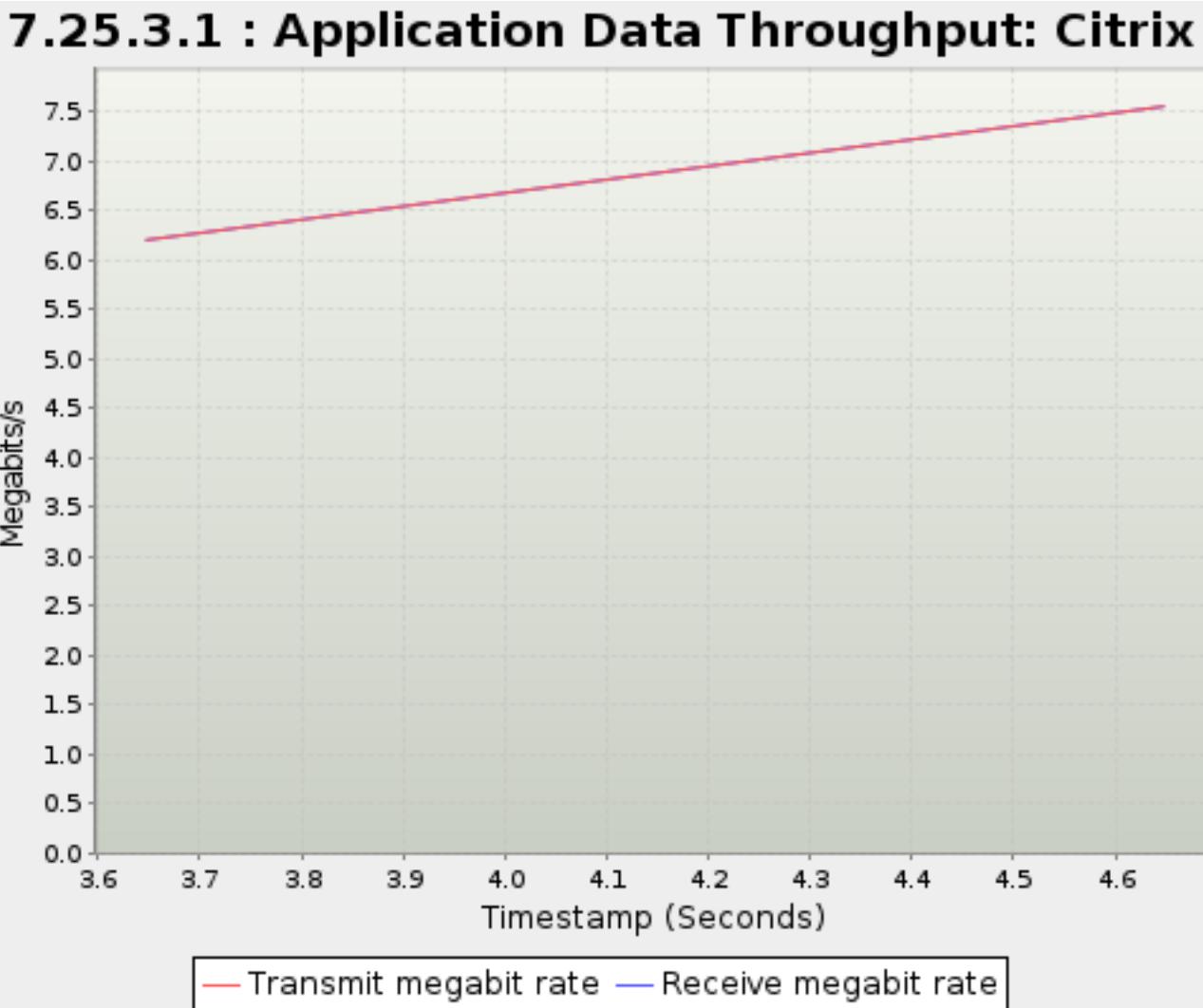
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Megabit/s	
	Transmit megabit rate	Receive megabit rate
0.647	0.04381	0.04381
1.649	4.775	4.775
2.554	6.850	6.850
3.648	24.55	24.54
4.647	18.70	18.70
5.669	7.337	7.337
6.652	6.406	6.406
7.651	~16	~16
8.652	6.620	6.620
9.650	6.238	6.237
10.651	6.028	6.029
11.647	12.16	12.16
12.659	1.119	1.119
13.661	0.8067	0.8067
14.660	0.7973	0.7973
15.554	0.7897	0.7897
16.667	0.8983	0.8983
17.665	0.5232	0.5232
18.659	0.8555	0.8555

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
19.667		1.427	1.427
20.686		1.537	1.537
21.659		1.731	1.731
22.658		1.775	1.775
23.657		1.790	1.790
24.553		1.782	1.782
25.553		1.786	1.786
26.108		1.389	1.389
27.137		0.00	0.00

7.25.3.1. Application Data Throughput: Citrix



Data Rate shown includes Ethernet overhead.

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

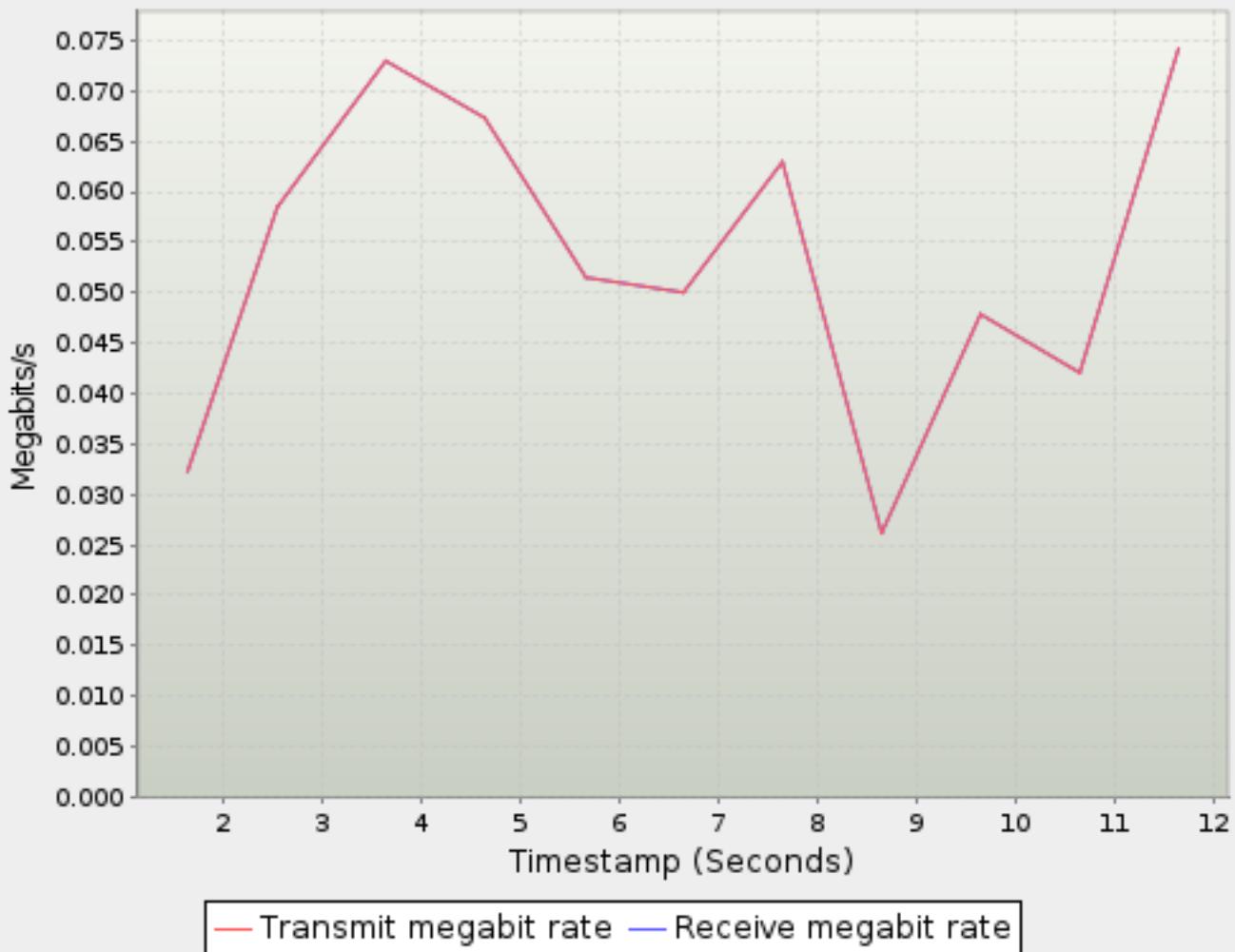
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate	Receive megabit rate
		Megabit/s
3.648	6.206	6.206
4.647	7.555	7.555
5.669	0.00	0.00
6.652	0.00	0.00
7.651	0.00	0.00
8.652	0.00	0.00
9.650	0.00	0.00
10.651	0.00	0.00
11.647	0.00	0.00
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00
19.667	0.00	0.00
20.686	0.00	0.00
21.659	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
22.658		0.00	0.00
23.657		0.00	0.00
24.553		0.00	0.00
25.553		0.00	0.00
26.108		0.00	0.00
27.137		0.00	0.00

7.25.3.2. Application Data Throughput: DNS

7.25.3.2 : Application Data Throughput: DNS



Data Rate shown includes Ethernet overhead.

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

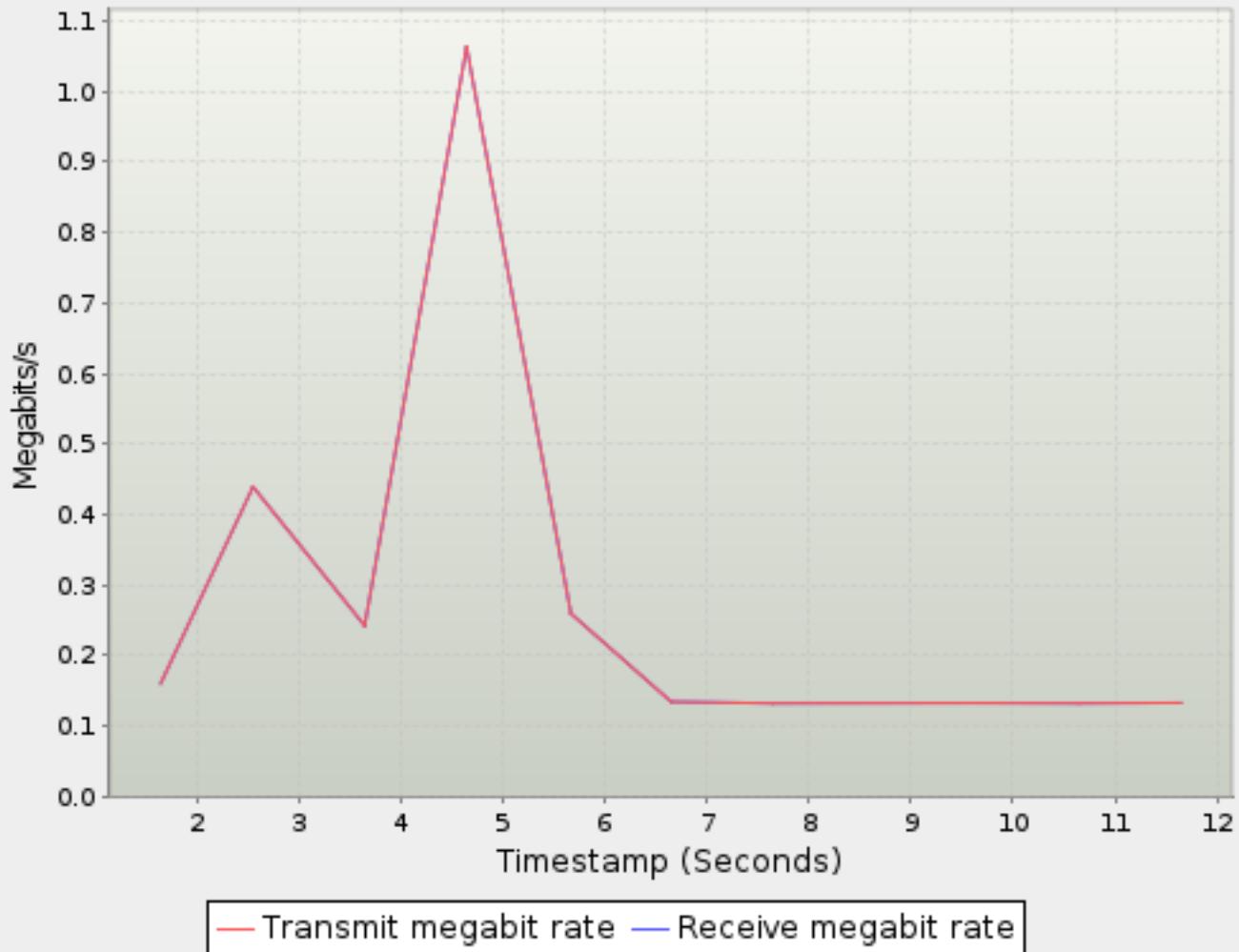
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate	Receive megabit rate
	Megabit/s	
1.649	0.03229	0.03229
2.554	0.05848	0.05848
3.648	0.07298	0.07298
4.647	0.06733	0.06733
5.669	0.05151	0.05151
6.652	0.05003	0.05003
7.651	0.06297	0.06297
8.652	0.02618	0.02618
9.650	0.04787	0.04787
10.651	0.04207	0.04207
11.647	0.07418	0.07418
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00
19.667	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
20.686		0.00	0.00
21.659		0.00	0.00
22.658		0.00	0.00
23.657		0.00	0.00
24.553		0.00	0.00
25.553		0.00	0.00
26.108		0.00	0.00
27.137		0.00	0.00

7.25.3.3. Application Data Throughput: FTP

7.25.3.3 : Application Data Throughput: FTP



Data Rate shown includes Ethernet overhead.

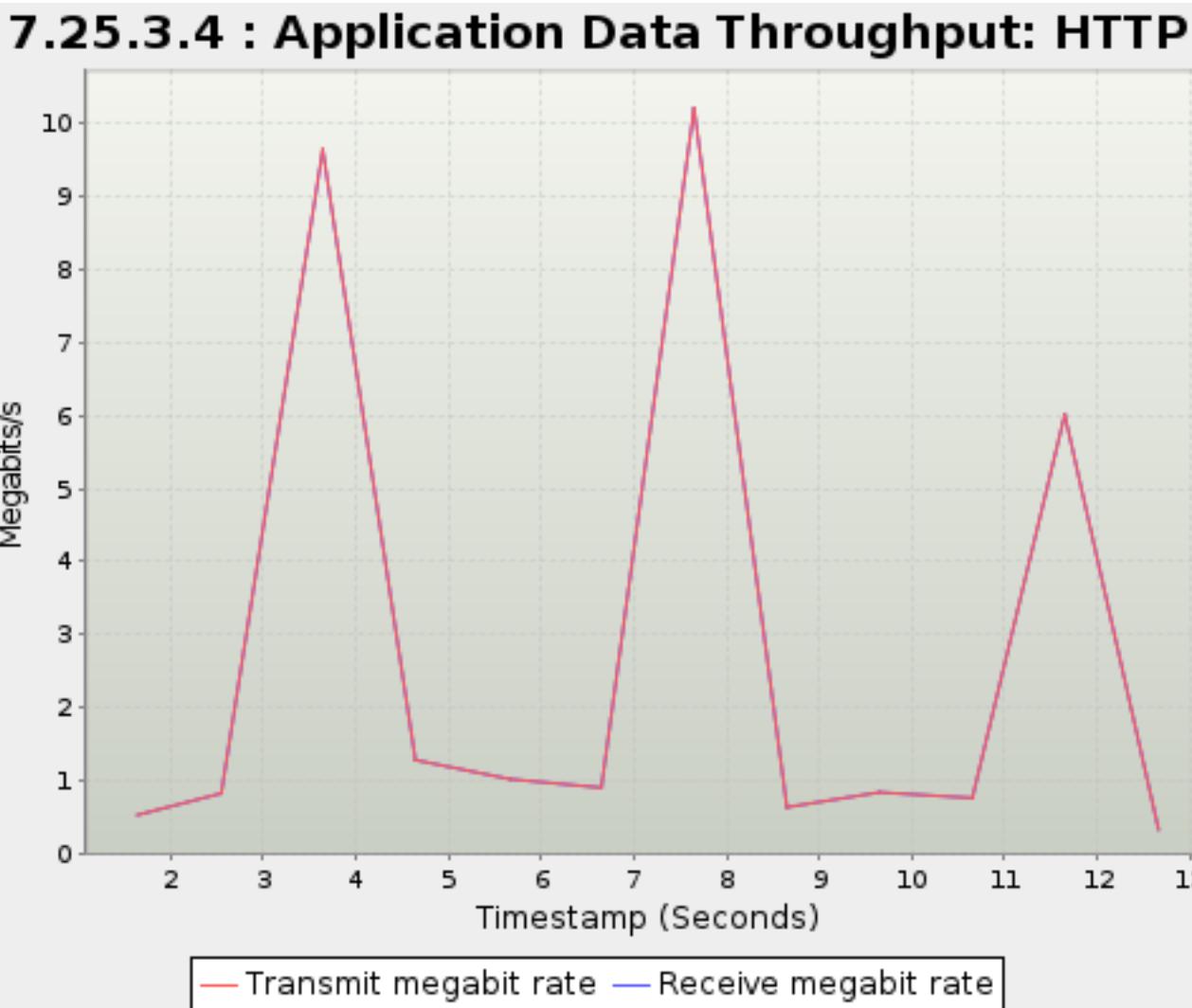
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate	Receive megabit rate
		Megabit/s
1.649	0.1608	0.1608
2.554	0.4395	0.4395
3.648	0.2427	0.2427
4.647	1.063	1.063
5.669	0.2598	0.2598
6.652	0.1348	0.1348
7.651	0.1326	0.1326
8.652	0.00	0.00
9.650	0.1330	0.1330
10.651	0.1326	0.1326
11.647	0.1333	0.1333
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00
19.667	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
20.686		0.00	0.00
21.659		0.00	0.00
22.658		0.00	0.00
23.657		0.00	0.00
24.553		0.00	0.00
25.553		0.00	0.00
26.108		0.00	0.00
27.137		0.00	0.00

7.25.3.4. Application Data Throughput: HTTP



Data Rate shown includes Ethernet overhead.

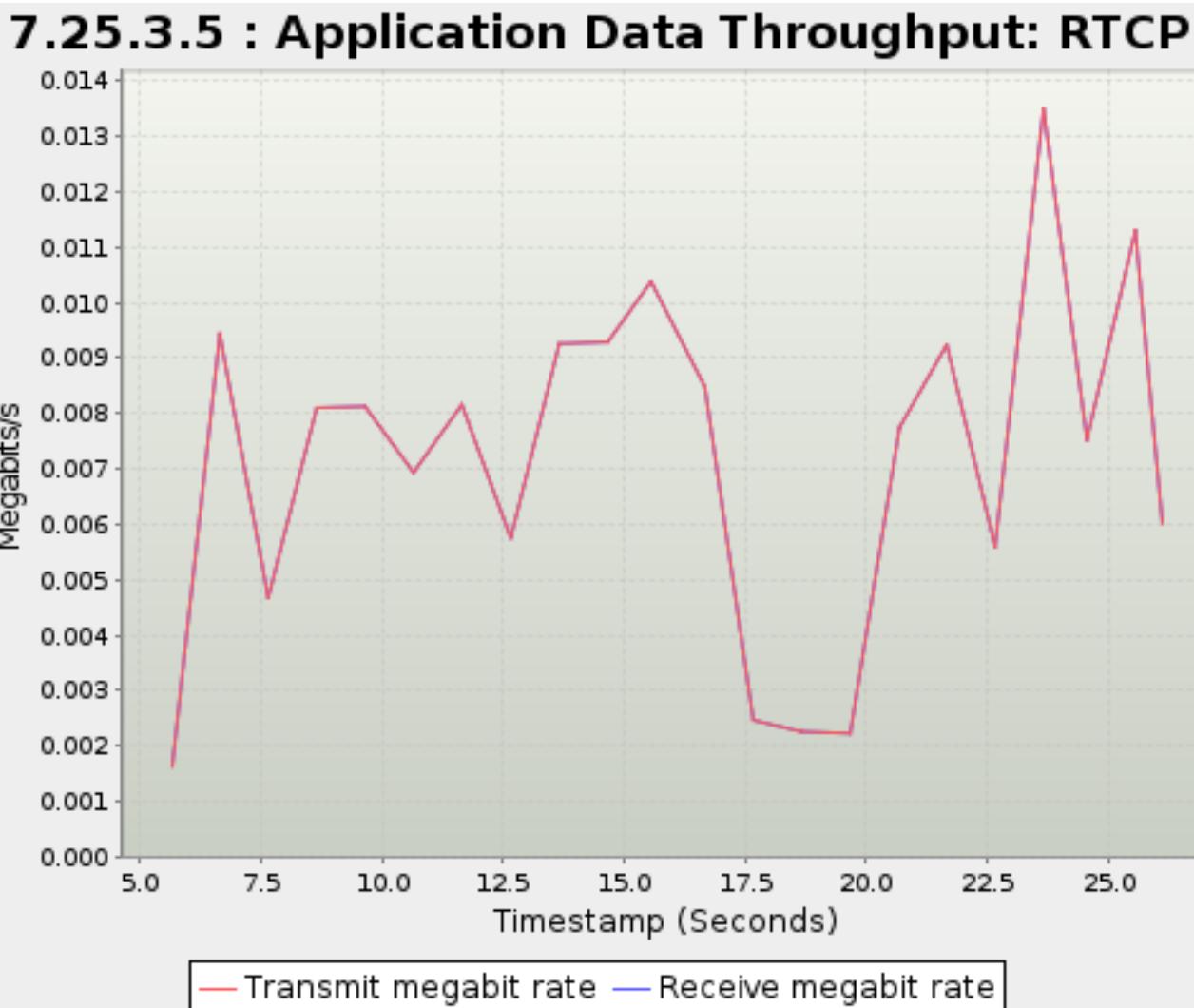
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate Megabit/s	Receive megabit rate Megabit/s
		Megabit/s
1.649	0.5308	0.5308
2.554	0.8271	0.8271
3.648	9.650	9.639
4.647	1.284	1.284
5.669	1.022	1.022
6.652	0.9052	0.9052
7.651	10.21	10.21
8.652	0.6378	0.6378
9.650	0.8416	0.8416
10.651	0.7643	0.7643
11.647	6.012	6.012
12.659	0.3313	0.3313
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00
19.667	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
20.686		0.00	0.00
21.659		0.00	0.00
22.658		0.00	0.00
23.657		0.00	0.00
24.553		0.00	0.00
25.553		0.00	0.00
26.108		0.00	0.00
27.137		0.00	0.00

7.25.3.5. Application Data Throughput: RTCP



Data Rate shown includes Ethernet overhead.

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

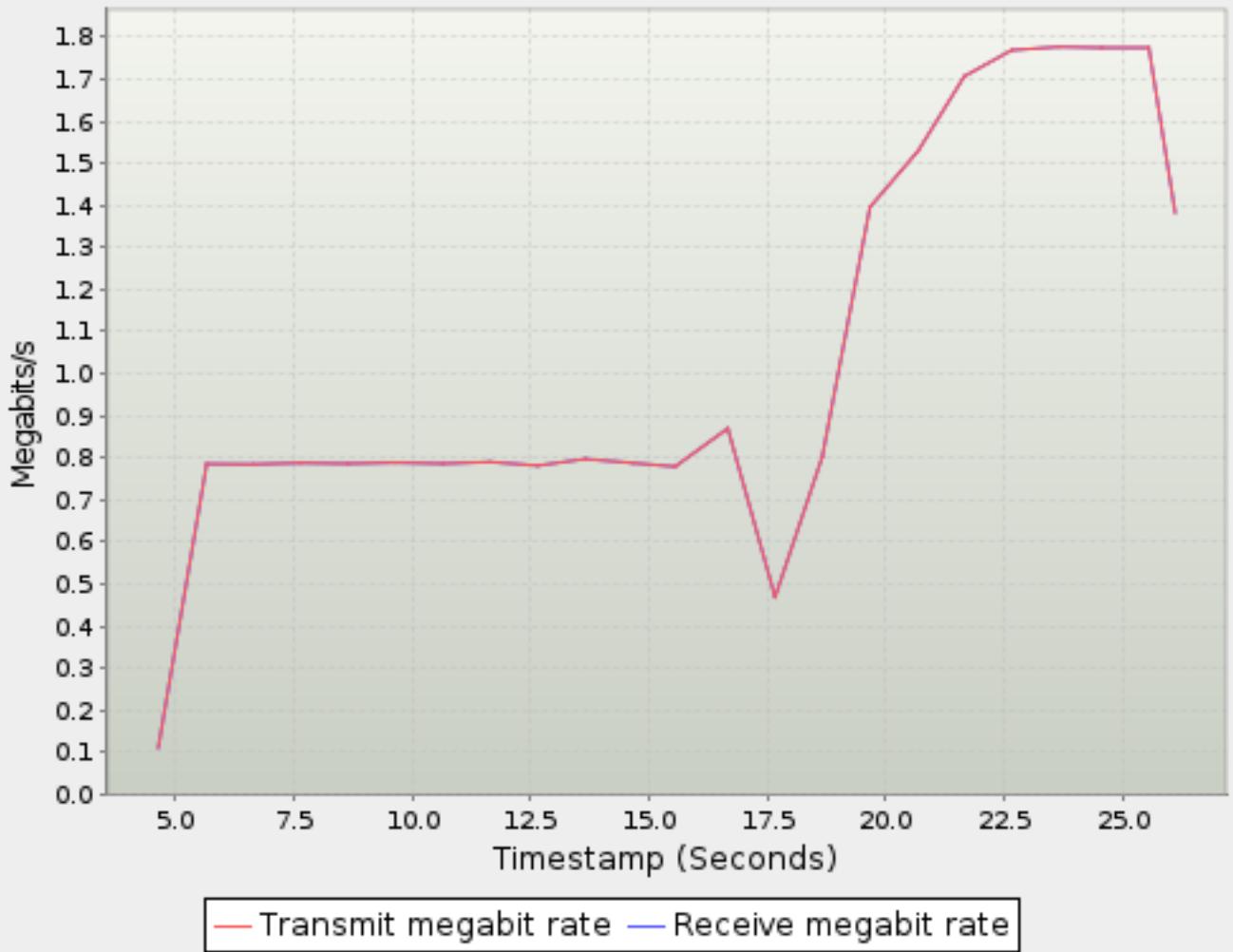
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate Megabit/s	Receive megabit rate Megabit/s
5.669	0.001637	0.001637
6.652	0.009440	0.009440
7.651	0.004677	0.004677
8.652	0.008104	0.008104
9.650	0.008128	0.008128
10.651	0.006937	0.006937
11.647	0.008161	0.008161
12.659	0.005755	0.005755
13.661	0.009261	0.009261
14.660	0.009289	0.009289
15.554	0.01038	0.01038
16.667	0.008482	0.008482
17.665	0.002469	0.002469
18.659	0.002262	0.002262
19.667	0.002230	0.002230
20.686	0.007749	0.007749
21.659	0.009242	0.009242
22.658	0.005598	0.005598
23.657	0.01350	0.01350

Timestamp <i>Seconds</i>	Transmit megabit rate	Receive megabit rate <i>Megabits/s</i>
24.553	0.007527	0.007527
25.553	0.01130	0.01130
26.108	0.006025	0.006025
27.137	0.00	0.00

7.25.3.6. Application Data Throughput: RTP

7.25.3.6 : Application Data Throughput: RTP



Data Rate shown includes Ethernet overhead.

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

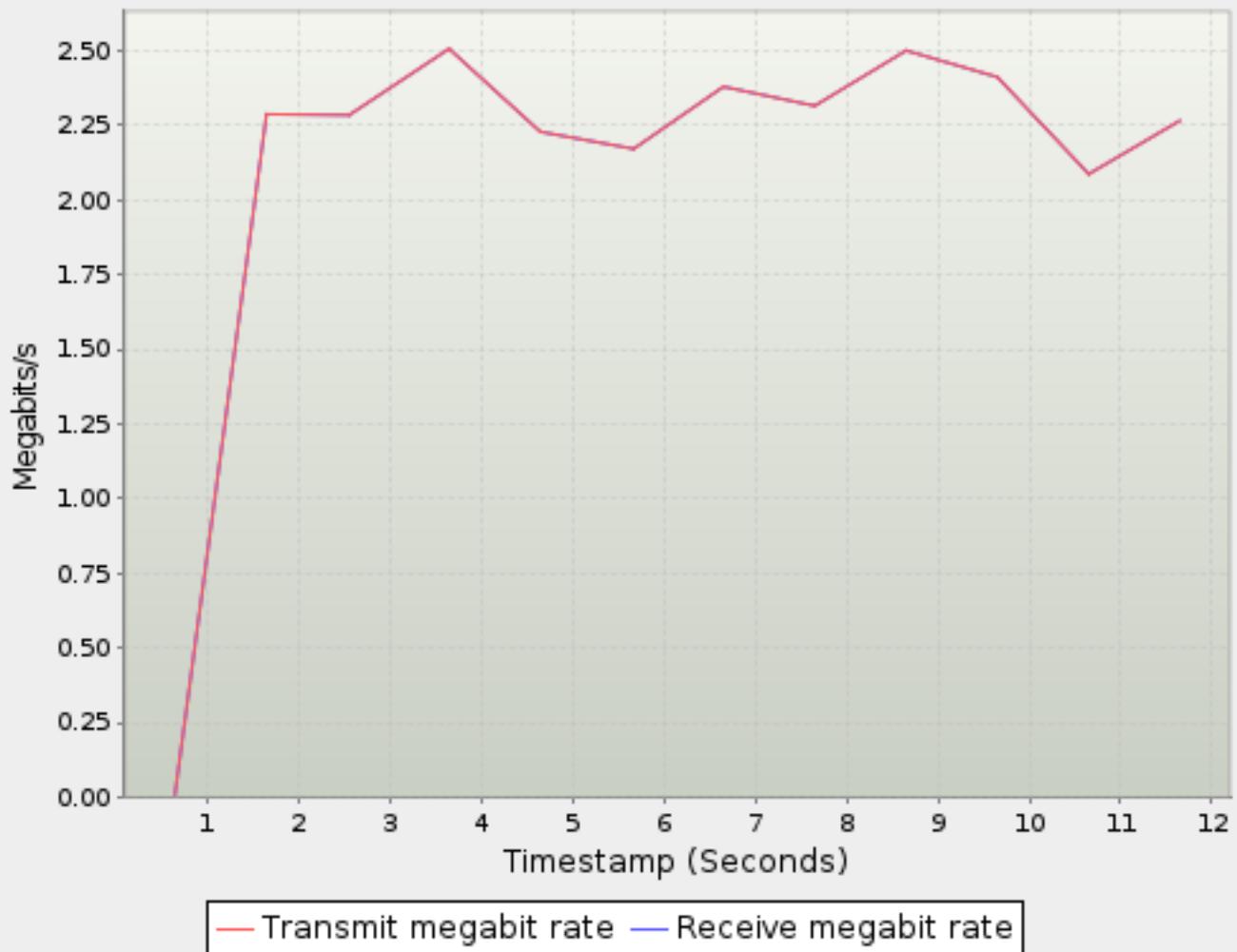
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate Megabit/s	Receive megabit rate Megabit/s
4.647	0.1110	0.1110
5.669	0.7857	0.7857
6.652	0.7848	0.7848
7.651	0.7880	0.7880
8.652	0.7864	0.7864
9.650	0.7888	0.7888
10.651	0.7864	0.7864
11.647	0.7904	0.7904
12.659	0.7818	0.7818
13.661	0.7974	0.7974
14.660	0.7880	0.7880
15.554	0.7793	0.7793
16.667	0.8700	0.8700
17.665	0.4693	0.4693
18.659	0.8019	0.8019
19.667	1.396	1.396
20.686	1.530	1.530
21.659	1.707	1.707
22.658	1.769	1.769

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
23.657		1.777	1.777
24.553		1.775	1.775
25.553		1.775	1.775
26.108		1.383	1.383
27.137		0.00	0.00

7.25.3.7. Application Data Throughput: Raw

7.25.3.7 : Application Data Throughput: Raw



Data Rate shown includes Ethernet overhead.

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

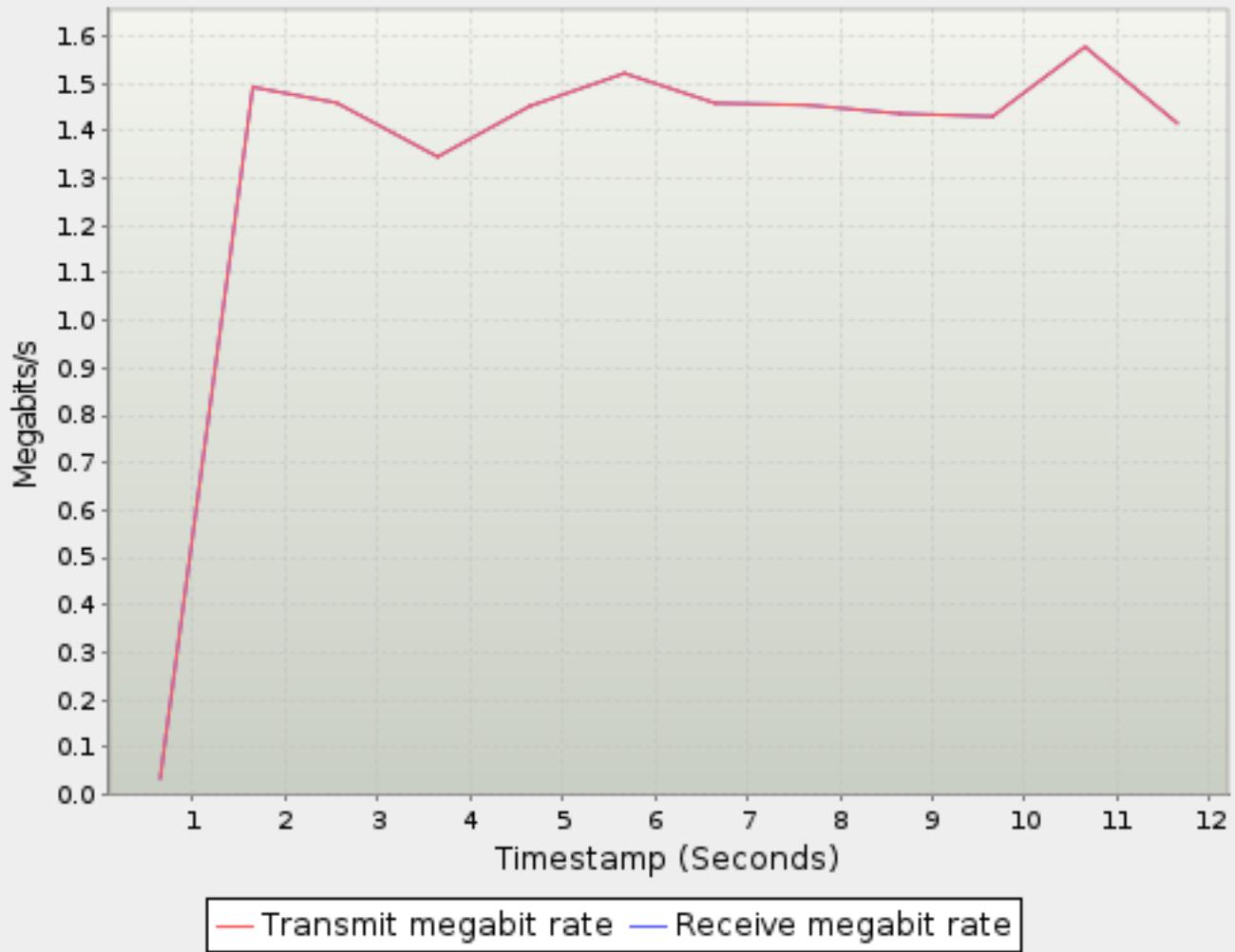
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate Megabit/s	Receive megabit rate Megabit/s
		Megabit/s
0.647	0.009867	0.009867
1.649	2.287	2.287
2.554	2.284	2.284
3.648	2.506	2.506
4.647	2.228	2.228
5.669	2.171	2.171
6.652	2.379	2.379
7.651	2.315	2.315
8.652	2.500	2.500
9.650	2.412	2.411
10.651	2.086	2.087
11.647	2.265	2.265
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
19.667		0.00	0.00
20.686		0.00	0.00
21.659		0.00	0.00
22.658		0.00	0.00
23.657		0.00	0.00
24.553		0.00	0.00
25.553		0.00	0.00
26.108		0.00	0.00
27.137		0.00	0.00

7.25.3.8. Application Data Throughput: SAP

7.25.3.8 : Application Data Throughput: SAP



Data Rate shown includes Ethernet overhead.

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

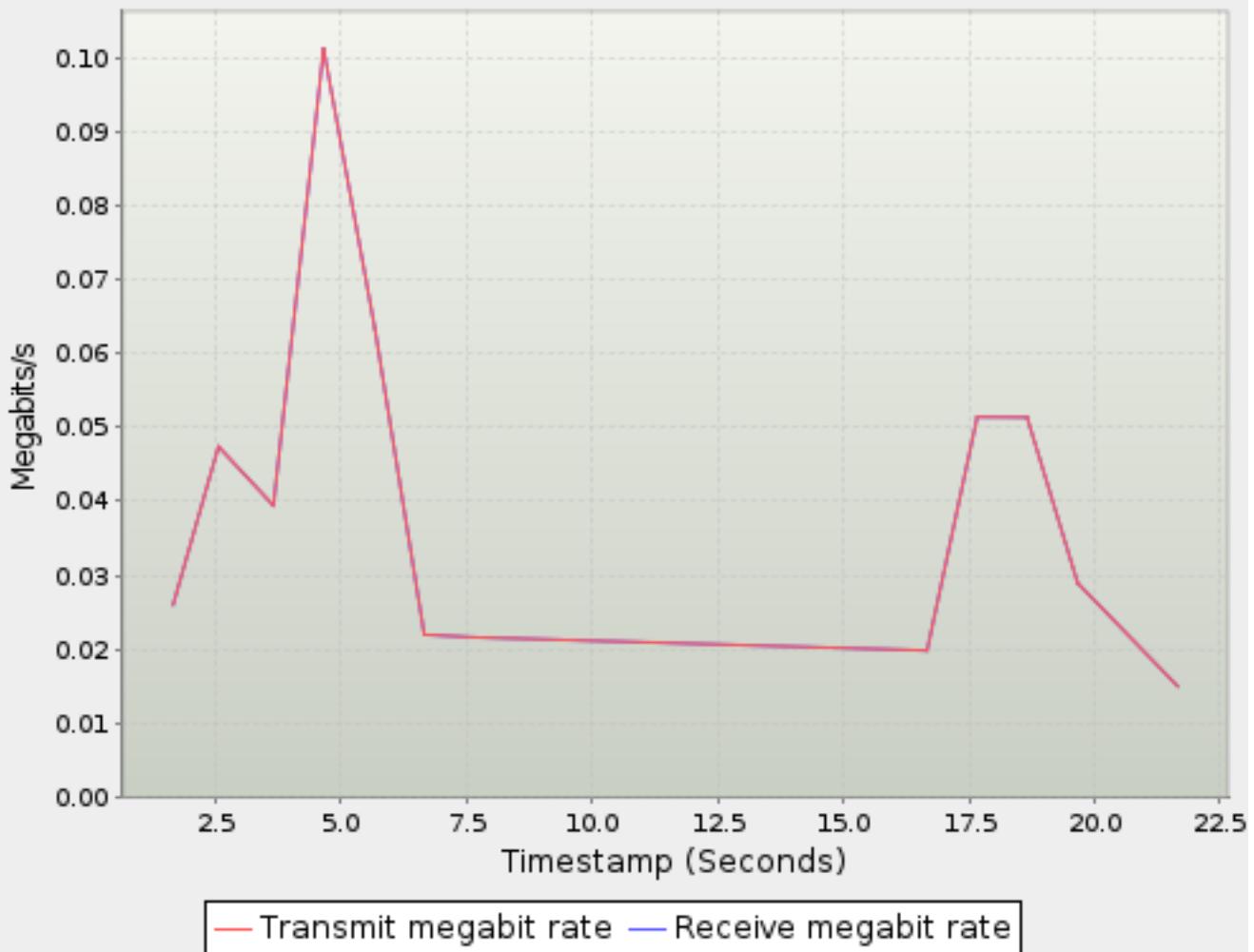
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate	Receive megabit rate
		Megabit/s
0.647	0.03394	0.03394
1.649	1.493	1.493
2.554	1.460	1.460
3.648	1.346	1.346
4.647	1.453	1.453
5.669	1.522	1.522
6.652	1.459	1.459
7.651	1.455	1.455
8.652	1.437	1.437
9.650	1.431	1.431
10.651	1.578	1.578
11.647	1.417	1.417
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
19.667		0.00	0.00
20.686		0.00	0.00
21.659		0.00	0.00
22.658		0.00	0.00
23.657		0.00	0.00
24.553		0.00	0.00
25.553		0.00	0.00
26.108		0.00	0.00
27.137		0.00	0.00

7.25.3.9. Application Data Throughput: SIP

7.25.3.9 : Application Data Throughput: SIP



Data Rate shown includes Ethernet overhead.

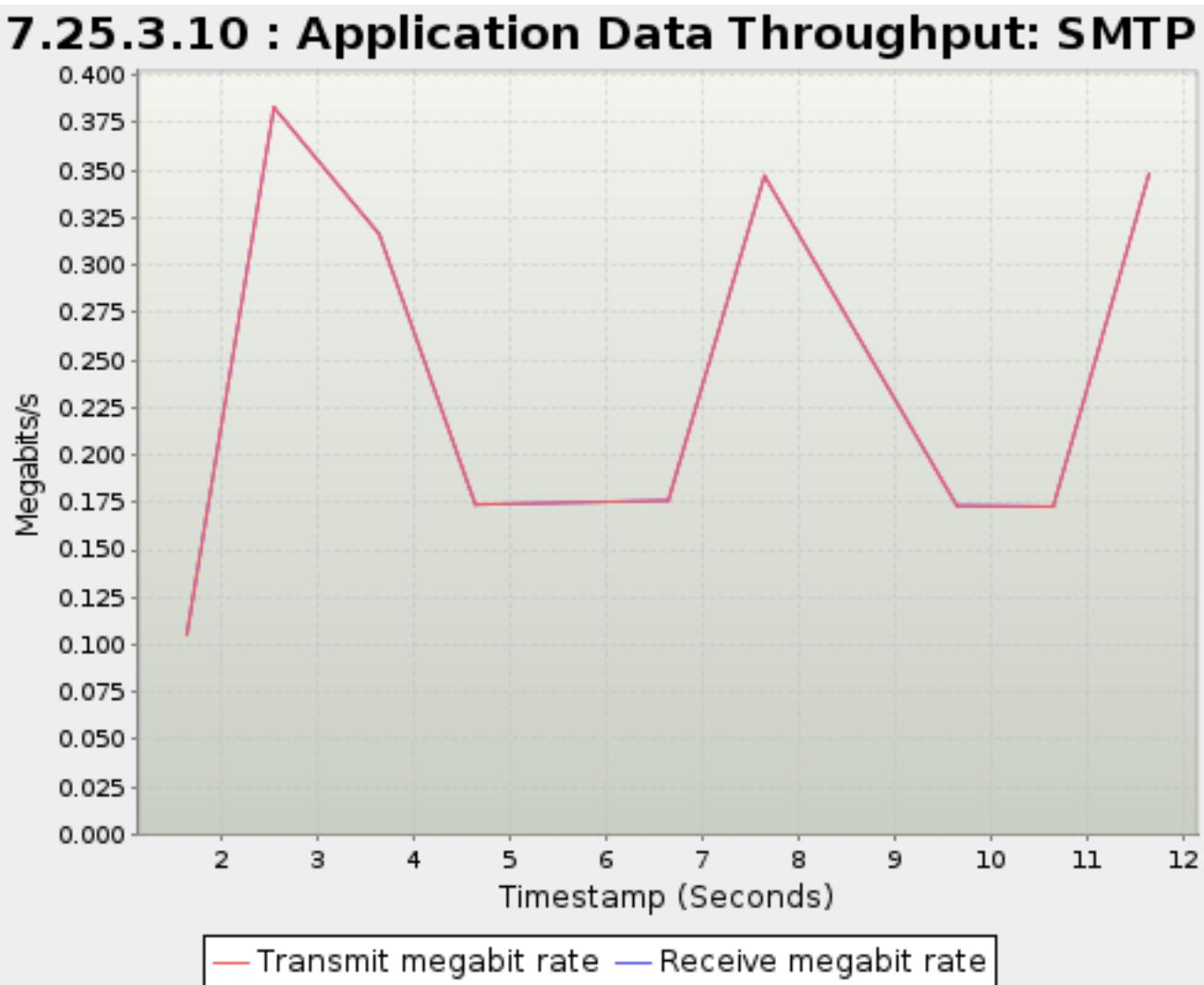
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate Megabit/s	Receive megabit rate Megabit/s
1.649	0.02599	0.02599
2.554	0.04741	0.04741
3.648	0.03944	0.03944
4.647	0.1012	0.1012
5.669	0.06336	0.06336
6.652	0.02198	0.02198
7.651	0.02162	0.02162
8.652	0.00	0.00
9.650	0.00	0.00
10.651	0.00	0.00
11.647	0.00	0.00
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.01984	0.01984
17.665	0.05141	0.05141
18.659	0.05136	0.05136
19.667	0.02895	0.02895

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
20.686		0.00	0.00
21.659		0.01500	0.01500
22.658		0.00	0.00
23.657		0.00	0.00
24.553		0.00	0.00
25.553		0.00	0.00
26.108		0.00	0.00
27.137		0.00	0.00

7.25.3.10. Application Data Throughput: SMTP



Data Rate shown includes Ethernet overhead.

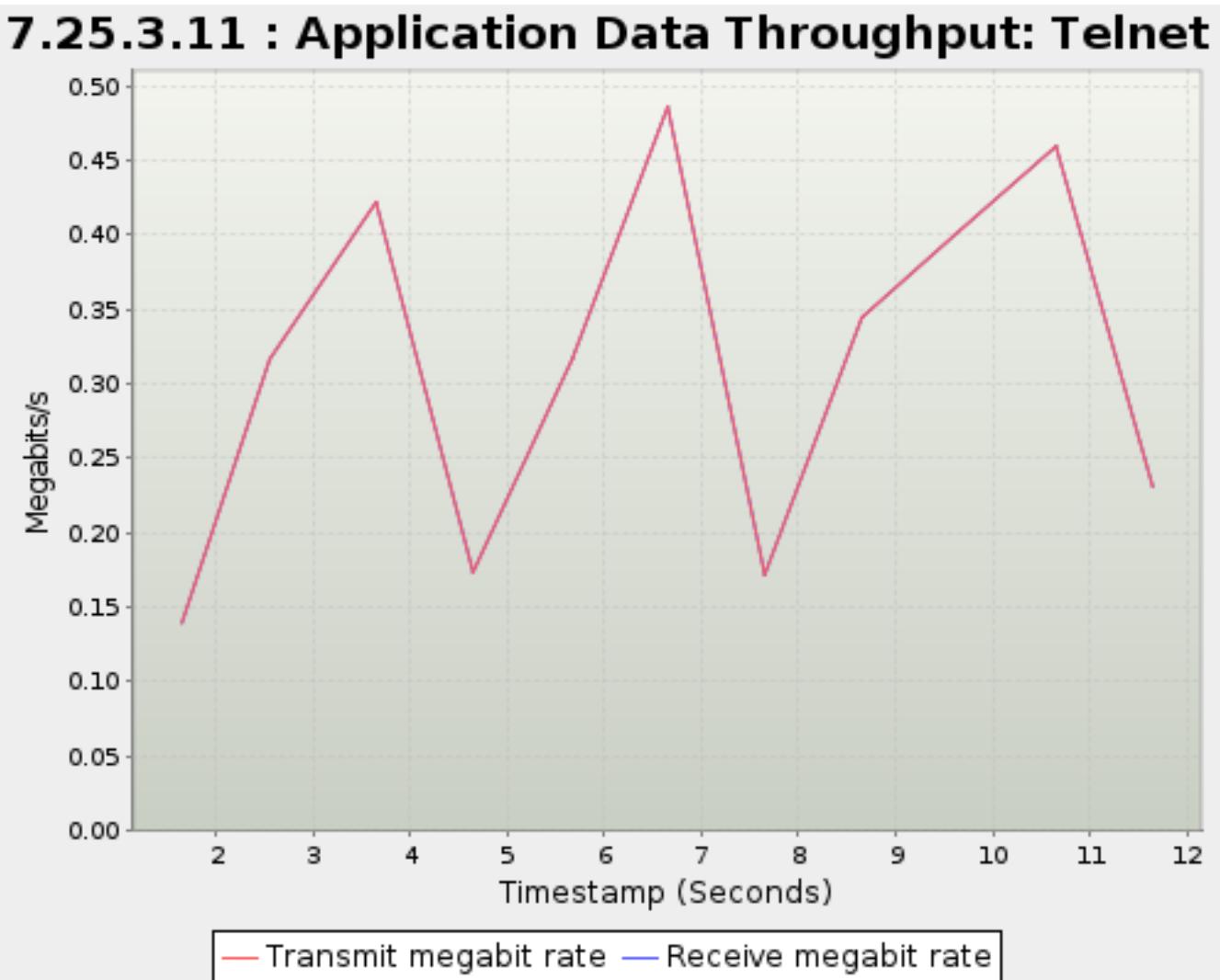
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate Megabit/s	Receive megabit rate Megabit/s
		Megabit/s
1.649	0.1053	0.1053
2.554	0.3831	0.3831
3.648	0.3163	0.3163
4.647	0.1739	0.1739
5.669	0.00	0.00
6.652	0.1760	0.1760
7.651	0.3471	0.3471
8.652	0.00	0.00
9.650	0.1733	0.1733
10.651	0.1728	0.1728
11.647	0.3481	0.3481
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00
19.667	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
20.686		0.00	0.00
21.659		0.00	0.00
22.658		0.00	0.00
23.657		0.00	0.00
24.553		0.00	0.00
25.553		0.00	0.00
26.108		0.00	0.00
27.137		0.00	0.00

7.25.3.11. Application Data Throughput: Telnet



Data Rate shown includes Ethernet overhead.

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

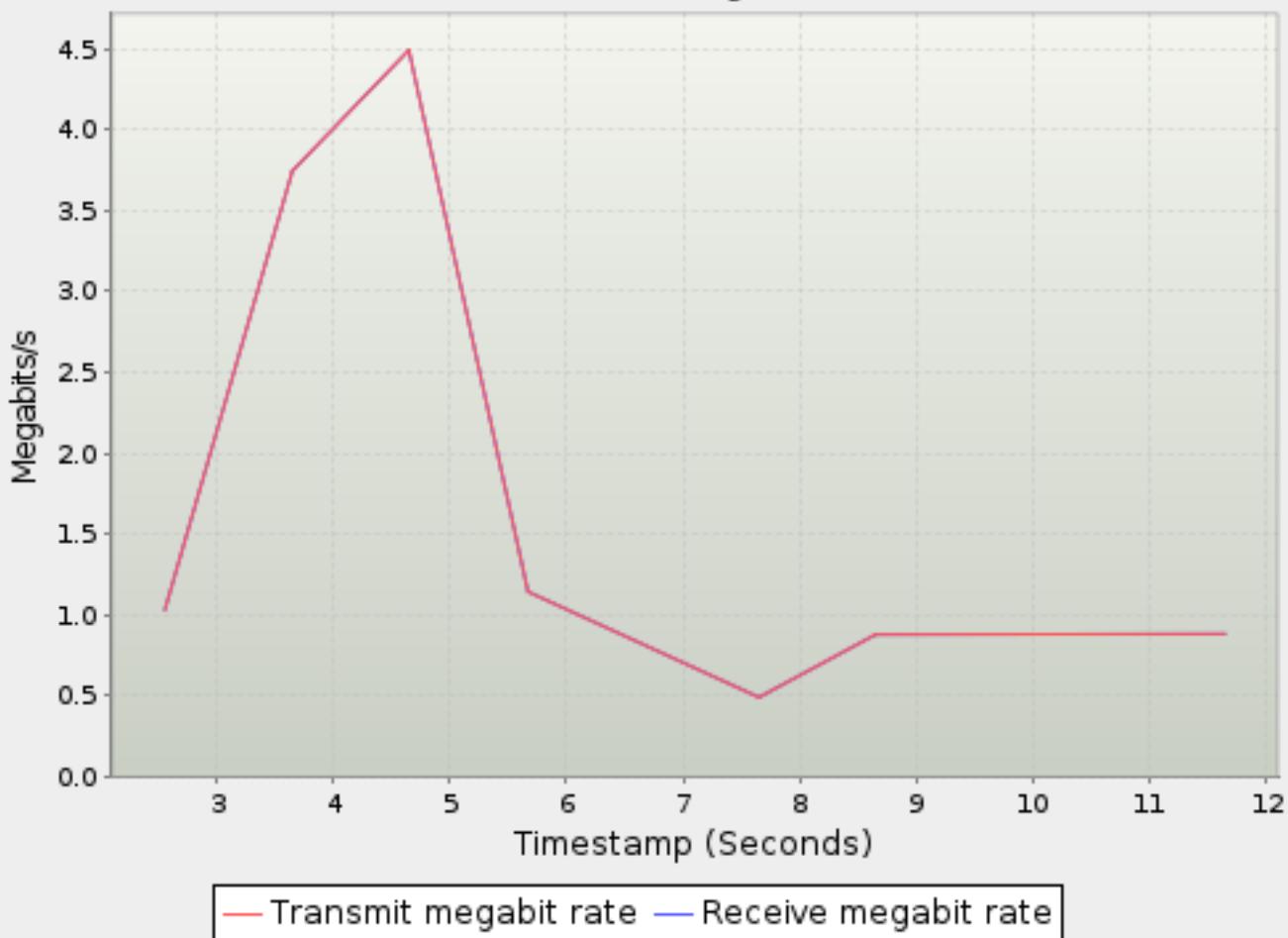
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate Megabit/s	Receive megabit rate
		Megabit/s
1.649	0.1394	0.1394
2.554	0.3165	0.3165
3.648	0.4218	0.4218
4.647	0.1734	0.1734
5.669	0.3165	0.3165
6.652	0.4858	0.4858
7.651	0.1717	0.1717
8.652	0.3444	0.3444
9.650	0.4022	0.4022
10.651	0.4593	0.4593
11.647	0.2308	0.2308
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00
19.667	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
20.686		0.00	0.00
21.659		0.00	0.00
22.658		0.00	0.00
23.657		0.00	0.00
24.553		0.00	0.00
25.553		0.00	0.00
26.108		0.00	0.00
27.137		0.00	0.00

7.25.3.12. Application Data Throughput: eDonkey

7.25.3.12 : Application Data Throughput: eDonkey



Data Rate shown includes Ethernet overhead.

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

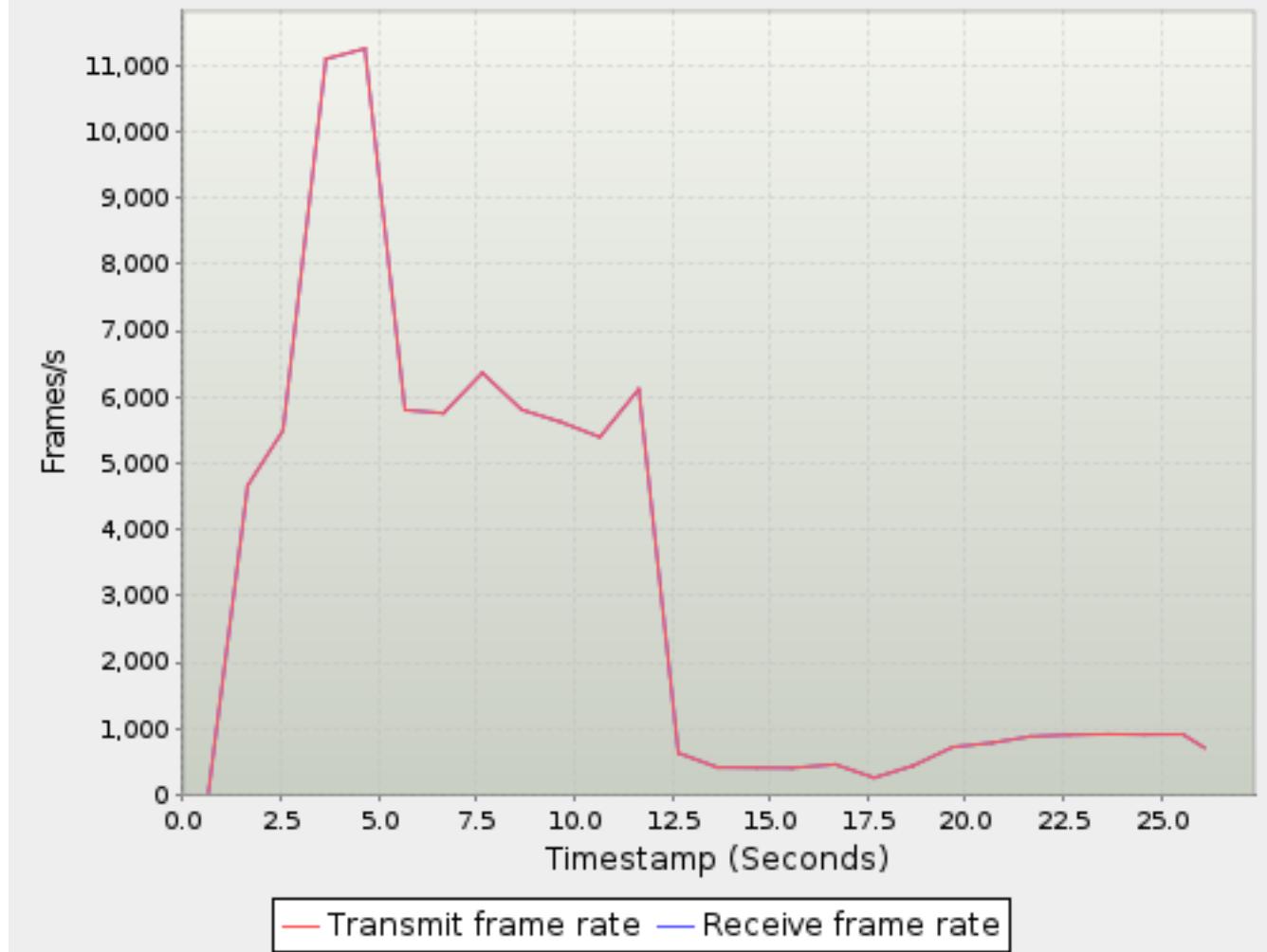
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate Megabit/s	Receive megabit rate Megabit/s
2.554	1.034	1.034
3.648	3.746	3.746
4.647	4.493	4.493
5.669	1.144	1.144
6.652	0.00	0.00
7.651	0.4912	0.4912
8.652	0.8795	0.8795
9.650	0.00	0.00
10.651	0.00	0.00
11.647	0.8839	0.8839
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00
19.667	0.00	0.00
20.686	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit megabit rate	Receive megabit rate
		<i>Megabits/s</i>	
21.659		0.00	0.00
22.658		0.00	0.00
23.657		0.00	0.00
24.553		0.00	0.00
25.553		0.00	0.00
26.108		0.00	0.00
27.137		0.00	0.00

7.25.4. Application Frames Throughput

7.25.4 : Application Frames Throughput



Data Rate shown includes Ethernet overhead.

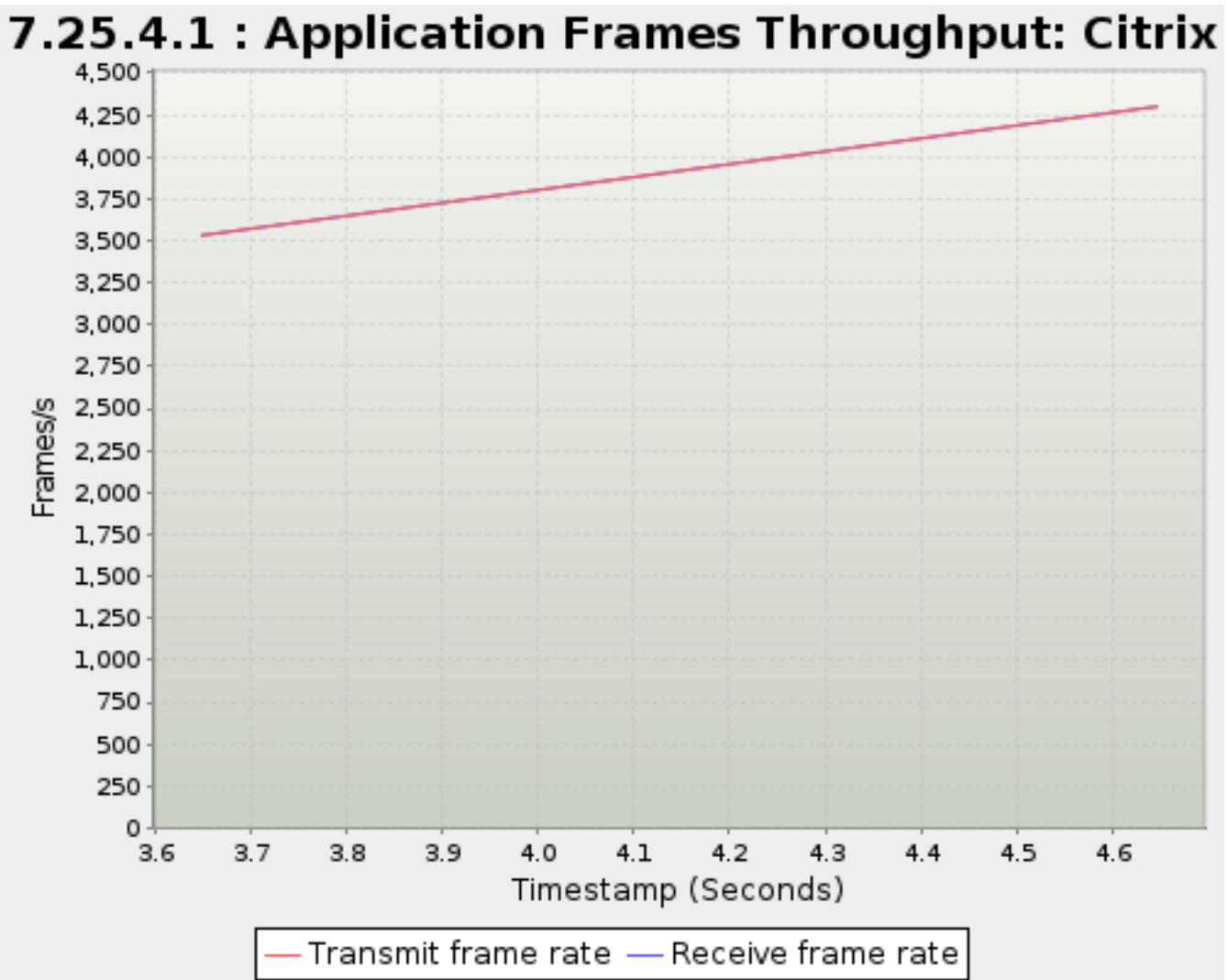
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate		Receive frame rate
	Frames/s		
0.647	41.73		41.73
1.649	-4662		~4662
2.554	-5494		~5494
3.648	~11100		~11090
4.647	~11250		~11250
5.669	~5802		~5802
6.652	~5754		~5754
7.651	~6362		~6362
8.652	~5805		~5805
9.650	~5622		~5621
10.651	~5393		~5394
11.647	~6116		~6116
12.659	630.4		630.4
13.661	413.2		413.2
14.660	408.4		408.4
15.554	404.9		404.9
16.667	457.3		457.3
17.665	257.5		257.5
18.659	437.6		437.6

Timestamp <i>Seconds</i>	Transmit frame rate	Receive frame rate
19.667	719.2	719.2
20.686	784.1	784.1
21.659	879.8	879.8
22.658	903.9	903.9
23.657	914.9	914.9
24.553	908.5	908.5
25.553	912	912
26.108	708.1	708.1
27.137	0.00	0.00

7.25.4.1. Application Frames Throughput: Citrix



Data Rate shown includes Ethernet overhead.

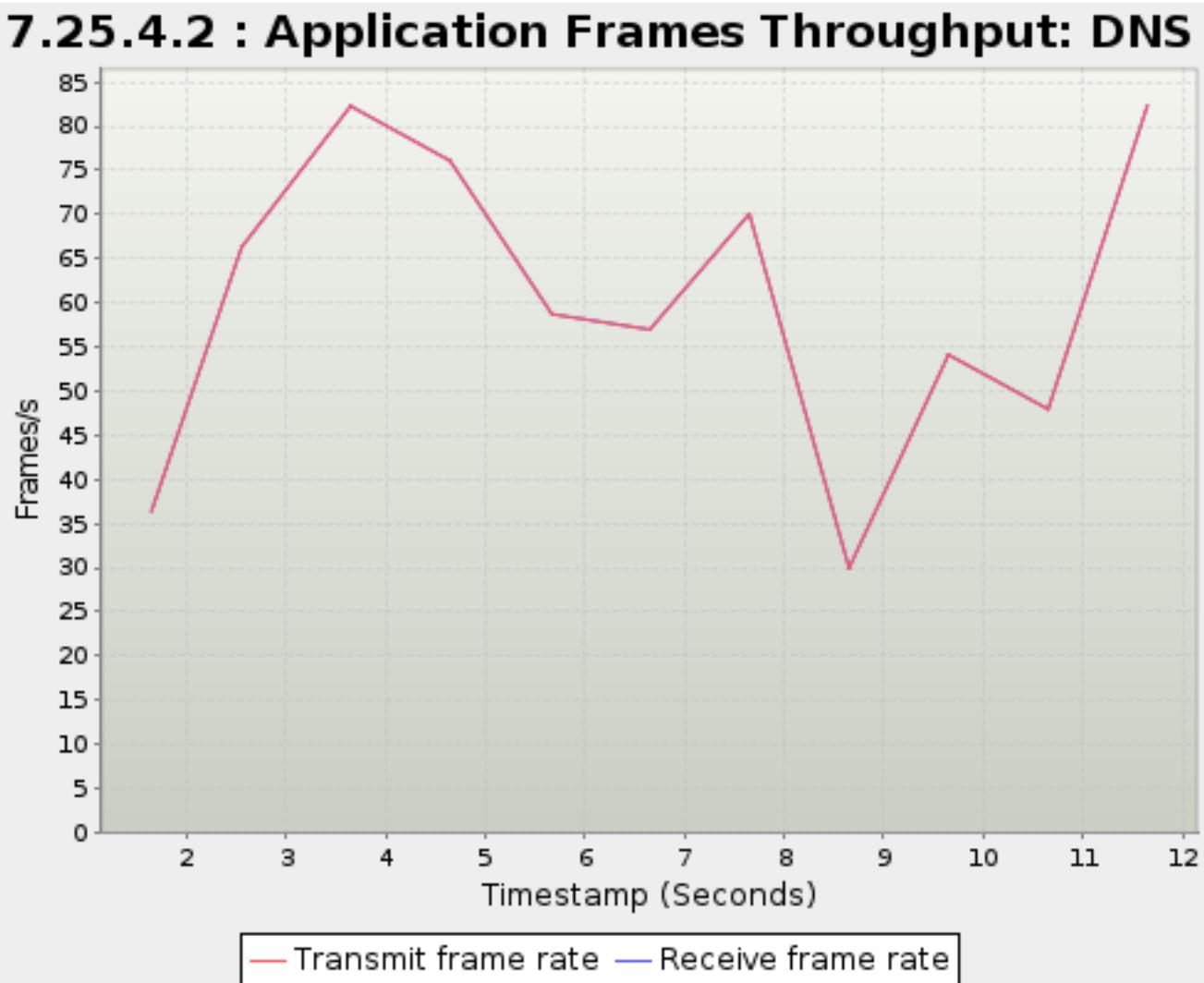
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate	Receive frame rate
	Frames/s	
3.648	~3532	~3532
4.647	~4299	~4299
5.669	0.00	0.00
6.652	0.00	0.00
7.651	0.00	0.00
8.652	0.00	0.00
9.650	0.00	0.00
10.651	0.00	0.00
11.647	0.00	0.00
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00
19.667	0.00	0.00
20.686	0.00	0.00
21.659	0.00	0.00

Timestamp	Transmit frame rate		Receive frame rate
	<i>Seconds</i>		<i>Frames/s</i>
22.658	0.00		0.00
23.657	0.00		0.00
24.553	0.00		0.00
25.553	0.00		0.00
26.108	0.00		0.00
27.137	0.00		0.00

7.25.4.2. Application Frames Throughput: DNS



Data Rate shown includes Ethernet overhead.

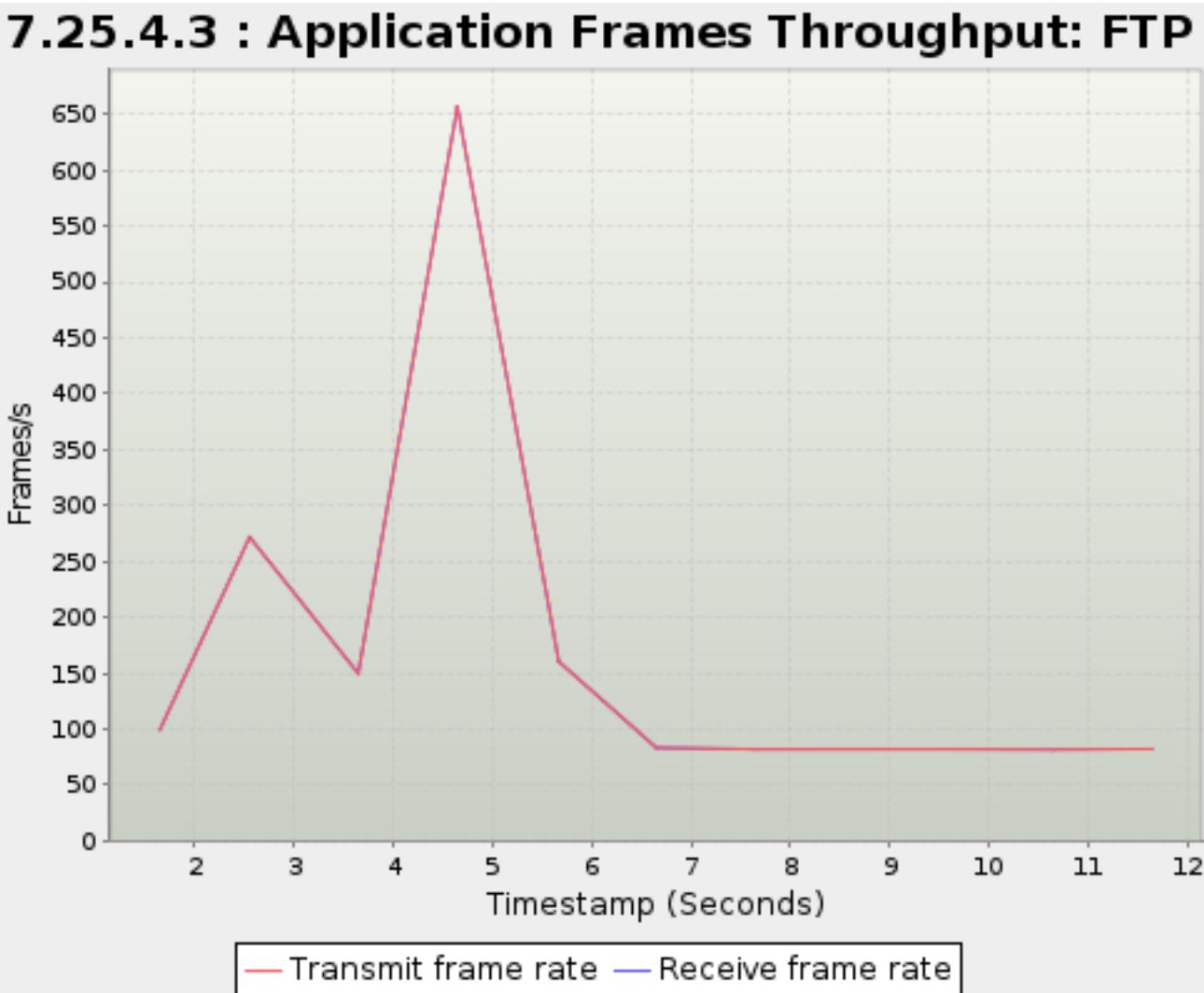
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate	Receive frame rate
		Frames/s
1.649	36.39	36.39
2.554	66.30	66.30
3.648	82.27	82.27
4.647	76.08	76.08
5.669	58.71	58.71
6.652	56.97	56.97
7.651	70.07	70.07
8.652	29.97	29.97
9.650	54.11	54.11
10.651	47.95	47.95
11.647	82.33	82.33
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00
19.667	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit frame rate	Receive frame rate
		Frames/s	Frames/s
20.686	0.00		0.00
21.659	0.00		0.00
22.658	0.00		0.00
23.657	0.00		0.00
24.553	0.00		0.00
25.553	0.00		0.00
26.108	0.00		0.00
27.137	0.00		0.00

7.25.4.3. Application Frames Throughput: FTP



Data Rate shown includes Ethernet overhead.

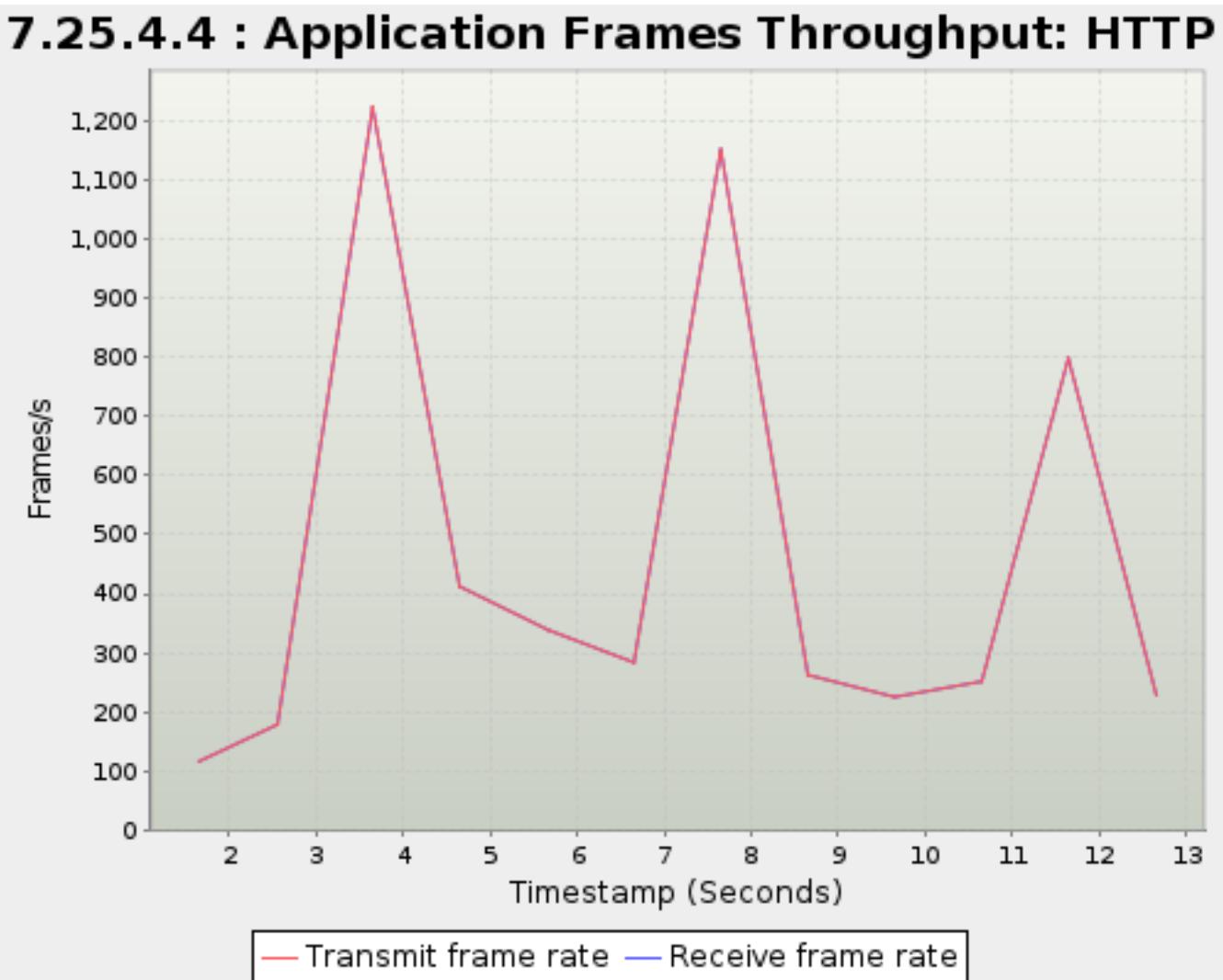
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate		Receive frame rate Frames/s
	Frames/s	Frames/s	
1.649	99.45	99.45	
2.554	271.8	271.8	
3.648	149.9	149.9	
4.647	656.7	656.7	
5.669	160.5	160.5	
6.652	83.42	83.42	
7.651	82.08	82.08	
8.652	0.00	0.00	
9.650	82.16	82.16	
10.651	81.92	81.92	
11.647	82.33	82.33	
12.659	0.00	0.00	
13.661	0.00	0.00	
14.660	0.00	0.00	
15.554	0.00	0.00	
16.667	0.00	0.00	
17.665	0.00	0.00	
18.659	0.00	0.00	
19.667	0.00	0.00	

Timestamp	<i>Seconds</i>	Transmit frame rate	Receive frame rate
		Frames/s	Frames/s
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

7.25.4.4. Application Frames Throughput: HTTP



Data Rate shown includes Ethernet overhead.

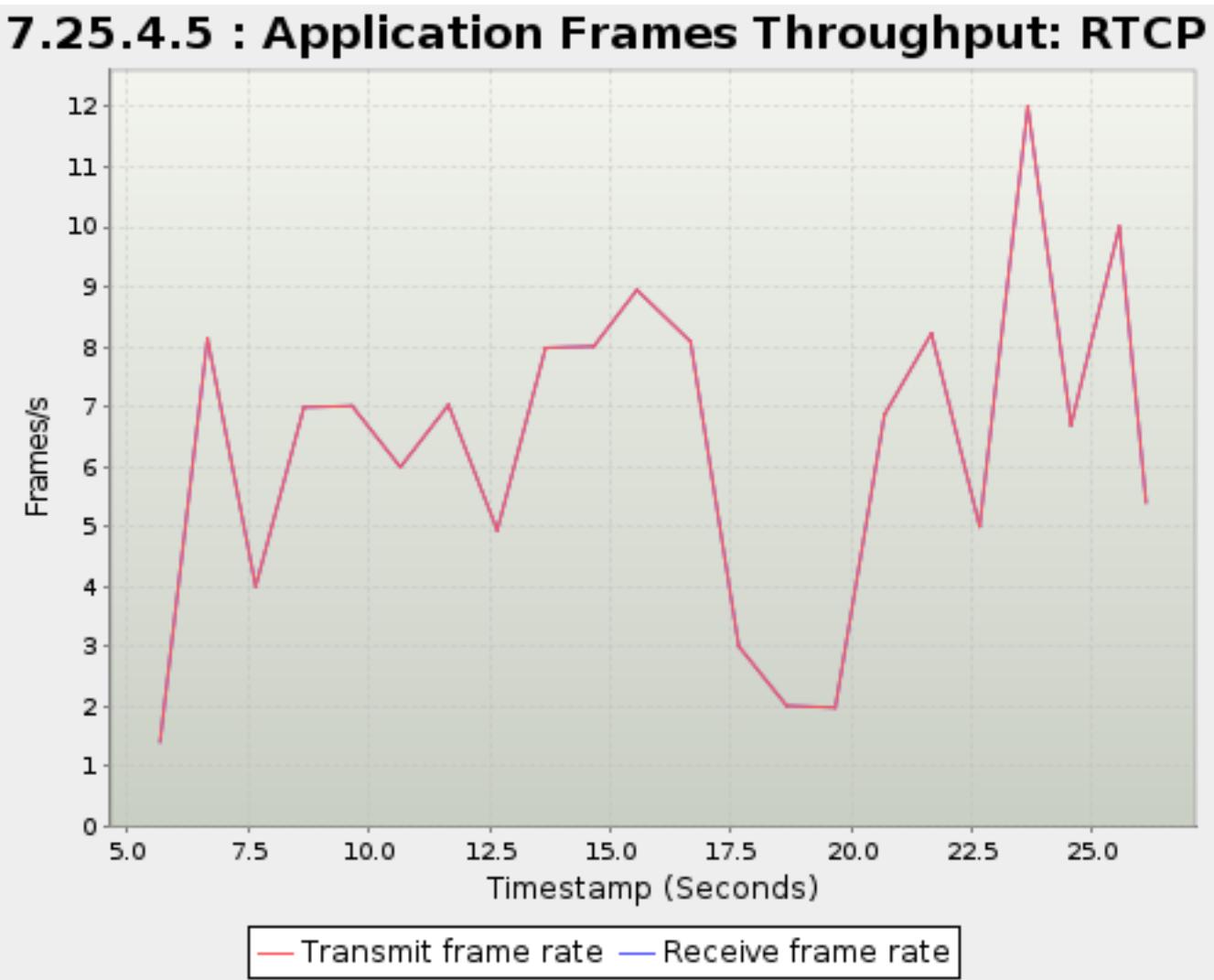
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate		Receive frame rate Frames/s
	Frames/s	Frames/s	
1.649	116.4		116.4
2.554	~179		~179
3.648	~1223		~1222
4.647	412.4		412.4
5.669	338.6		338.6
6.652	283.8		283.8
7.651	~1151		~1151
8.652	262.7		262.7
9.650	225.5		225.5
10.651	251.7		251.7
11.647	798.2		798.2
12.659	228.3		228.3
13.661	0.00		0.00
14.660	0.00		0.00
15.554	0.00		0.00
16.667	0.00		0.00
17.665	0.00		0.00
18.659	0.00		0.00
19.667	0.00		0.00

Timestamp	<i>Seconds</i>	Transmit frame rate	Receive frame rate
		Frames/s	Frames/s
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

7.25.4.5. Application Frames Throughput: RTCP



Data Rate shown includes Ethernet overhead.

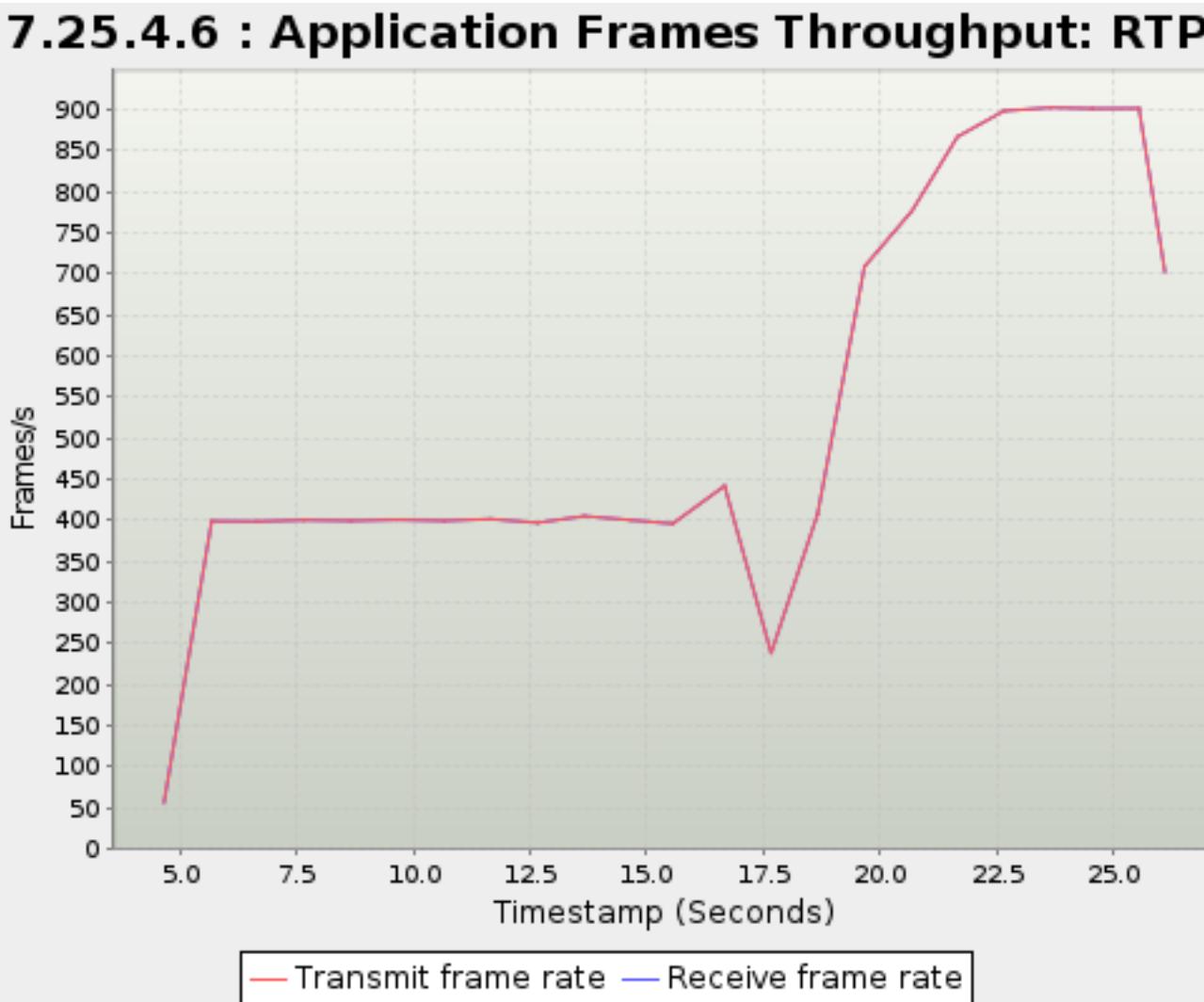
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate	Receive frame rate
		Frames/s
5.669	1.411	1.411
6.652	8.138	8.138
7.651	4.004	4.004
8.652	6.993	6.993
9.650	7.014	7.014
10.651	5.994	5.994
11.647	7.028	7.028
12.659	4.941	4.941
13.661	7.984	7.984
14.660	8.008	8.008
15.554	8.949	8.949
16.667	8.086	8.086
17.665	3.006	3.006
18.659	2.012	2.012
19.667	1.984	1.984
20.686	6.869	6.869
21.659	8.222	8.222
22.658	5.005	5.005
23.657	12.01	12.01

Timestamp	Transmit frame rate	Receive frame rate
Seconds	Frames/s	
24.553	6.696	6.696
25.553	10	10
26.108	5.405	5.405
27.137	0.00	0.00

7.25.4.6. Application Frames Throughput: RTP



Data Rate shown includes Ethernet overhead.

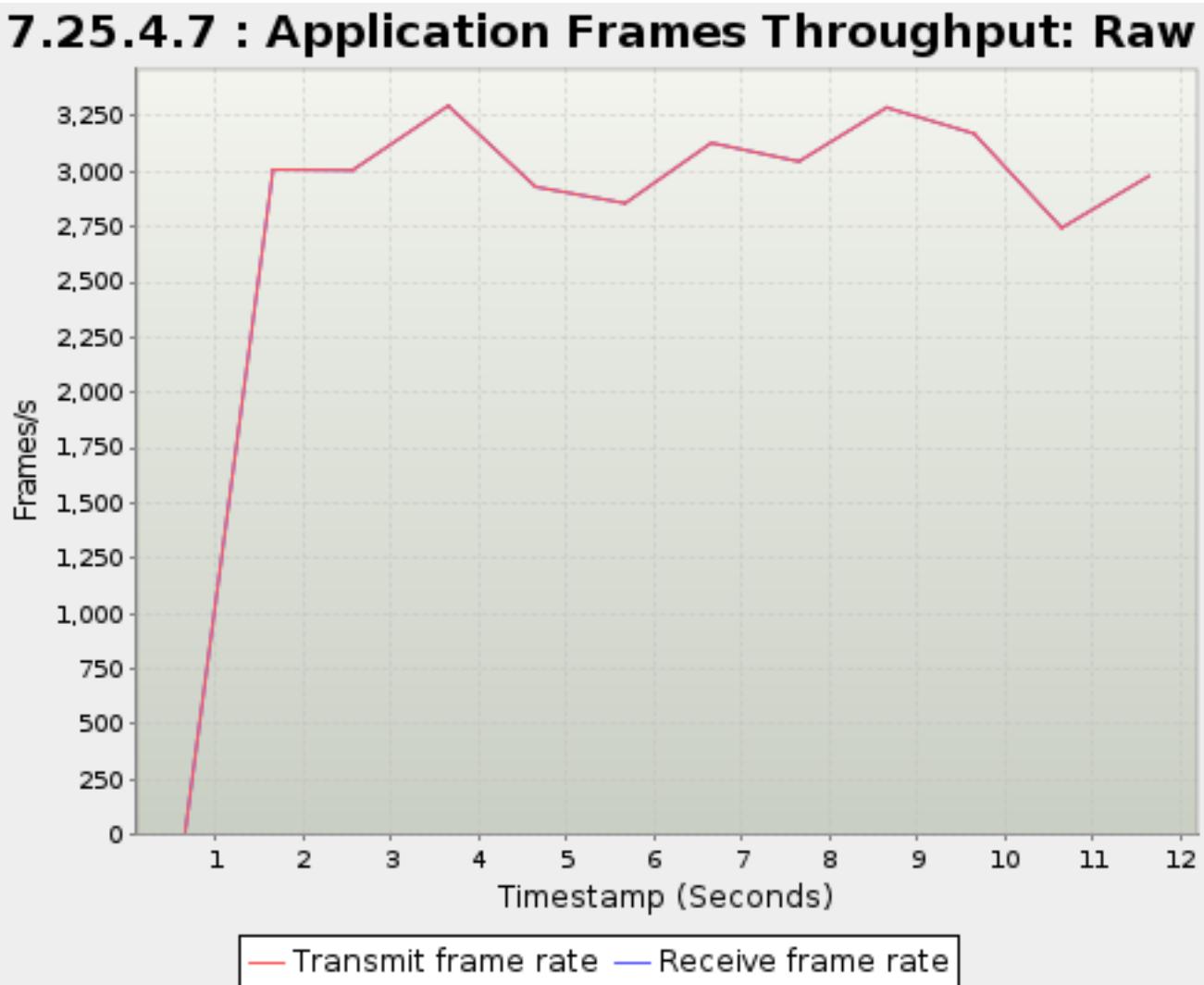
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate	Receive frame rate
		Frames/s
4.647	56.38	56.38
5.669	399.2	399.2
6.652	398.8	398.8
7.651	400.4	400.4
8.652	399.6	399.6
9.650	400.8	400.8
10.651	399.6	399.6
11.647	401.6	401.6
12.659	397.2	397.2
13.661	405.2	405.2
14.660	400.4	400.4
15.554	~396	~396
16.667	~442	~442
17.665	238.5	238.5
18.659	407.4	407.4
19.667	709.3	709.3
20.686	777.2	777.2
21.659	867.4	867.4
22.658	898.9	898.9

Timestamp	Transmit frame rate	Receive frame rate
Seconds	Frames/s	
23.657	902.9	902.9
24.553	901.8	901.8
25.553	902	902
26.108	702.7	702.7
27.137	0.00	0.00

7.25.4.7. Application Frames Throughput: Raw



Data Rate shown includes Ethernet overhead.

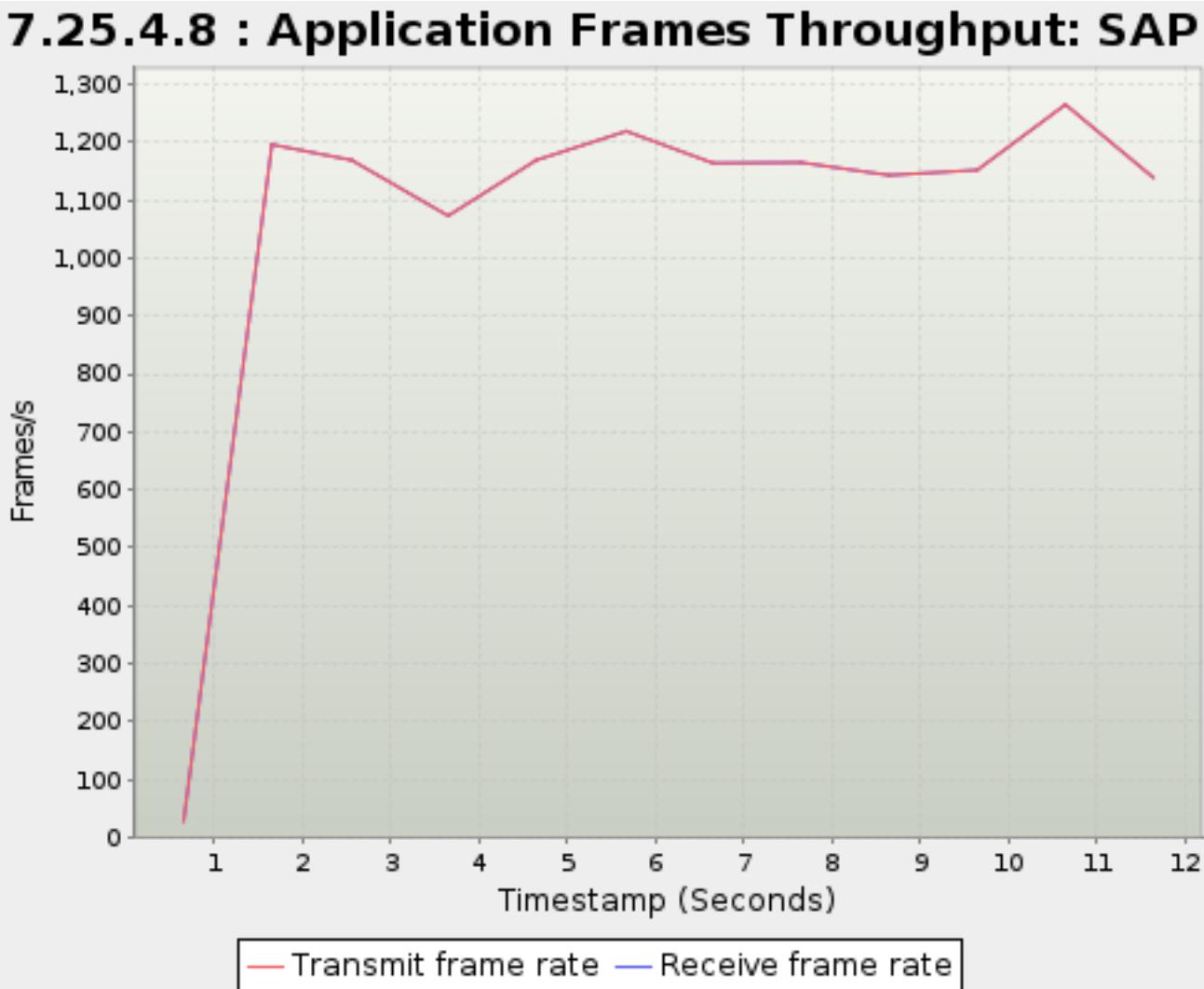
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate		Receive frame rate
	Frames/s		
0.647	13.91		13.91
1.649	~3009		~3009
2.554	~3006		~3006
3.648	~3298		~3298
4.647	~2931		~2931
5.669	~2857		~2857
6.652	~3130		~3130
7.651	~3046		~3046
8.652	~3290		~3290
9.650	~3173		~3172
10.651	~2745		~2746
11.647	~2980		~2980
12.659	0.00		0.00
13.661	0.00		0.00
14.660	0.00		0.00
15.554	0.00		0.00
16.667	0.00		0.00
17.665	0.00		0.00
18.659	0.00		0.00

Timestamp	<i>Seconds</i>	Transmit frame rate	Receive frame rate
		Frames/s	Frames/s
19.667	0.00	0.00	0.00
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

7.25.4.8. Application Frames Throughput: SAP



Data Rate shown includes Ethernet overhead.

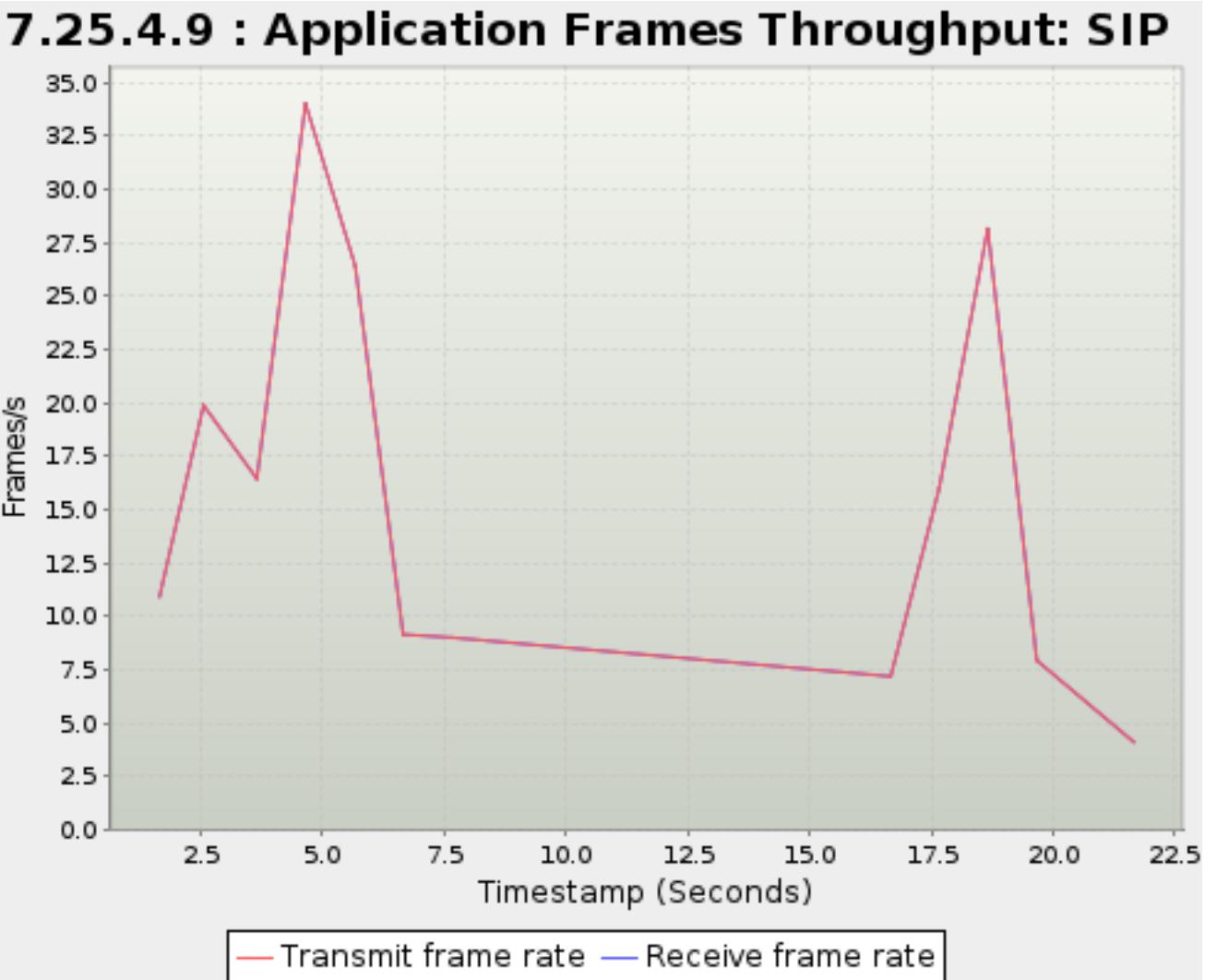
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate	Receive frame rate
		Frames/s
0.647	27.82	27.82
1.649	~1196	~1196
2.554	~1169	~1169
3.648	~1073	~1073
4.647	~1169	~1169
5.669	~1219	~1219
6.652	~1164	~1164
7.651	~1165	~1165
8.652	~1143	~1143
9.650	~1152	~1152
10.651	~1265	~1265
11.647	~1139	~1139
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit frame rate	Receive frame rate
		Frames/s	Frames/s
19.667	0.00	0.00	0.00
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

7.25.4.9. Application Frames Throughput: SIP



Data Rate shown includes Ethernet overhead.

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

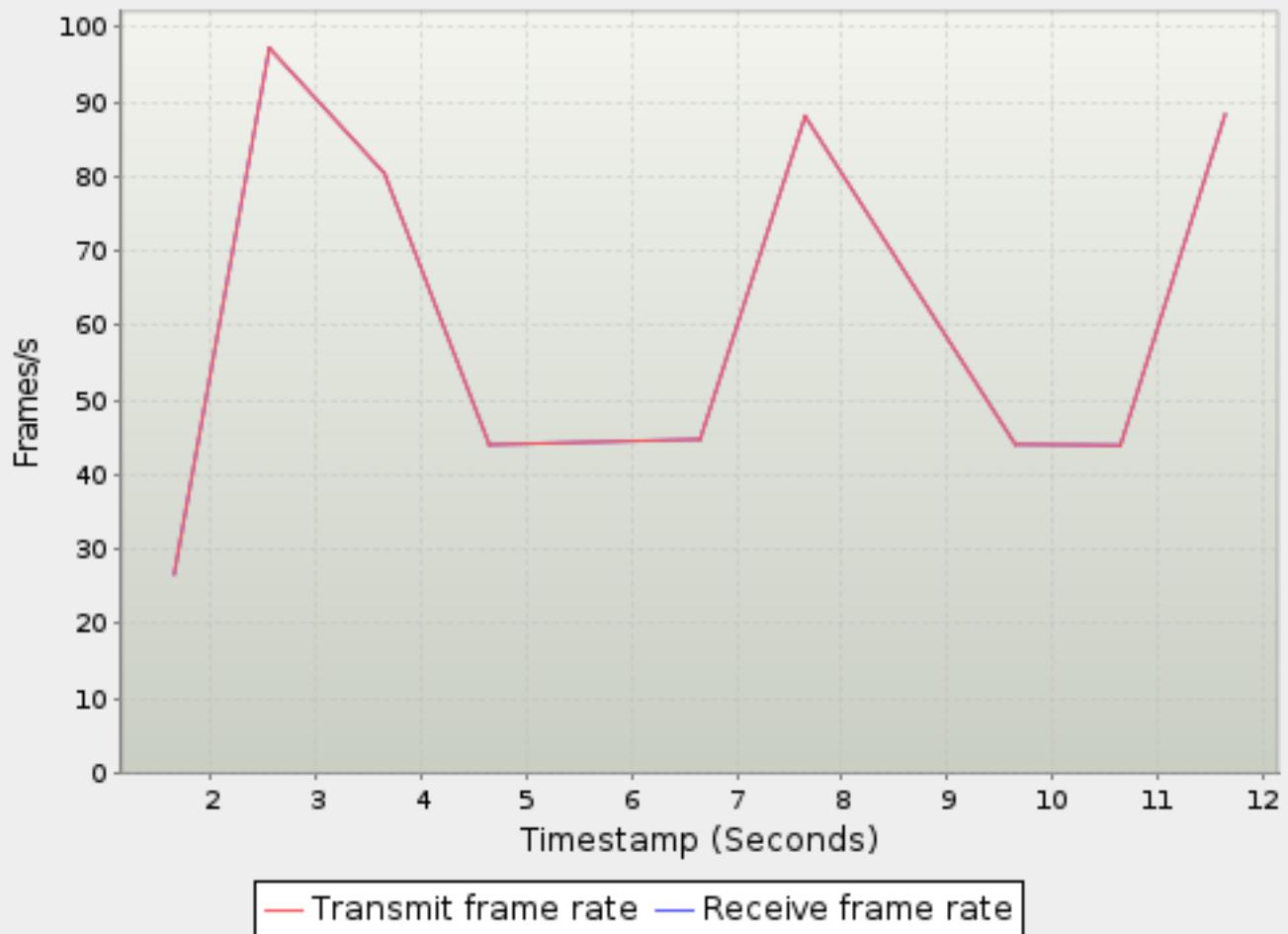
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate	Receive frame rate
		Frames/s
1.649	10.92	10.92
2.554	19.89	19.89
3.648	16.45	16.45
4.647	34.03	34.03
5.669	26.42	26.42
6.652	9.156	9.156
7.651	9.009	9.009
8.652	0.00	0.00
9.650	0.00	0.00
10.651	0.00	0.00
11.647	0.00	0.00
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	7.188	7.188
17.665	16.03	16.03
18.659	28.17	28.17
19.667	7.937	7.937

Timestamp	<i>Seconds</i>	Transmit frame rate	Receive frame rate
		Frames/s	Frames/s
20.686	0.00	0.00	0.00
21.659	4.111	4.111	4.111
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

7.25.4.10. Application Frames Throughput: SMTP

7.25.4.10 : Application Frames Throughput: SMTP



Data Rate shown includes Ethernet overhead.

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

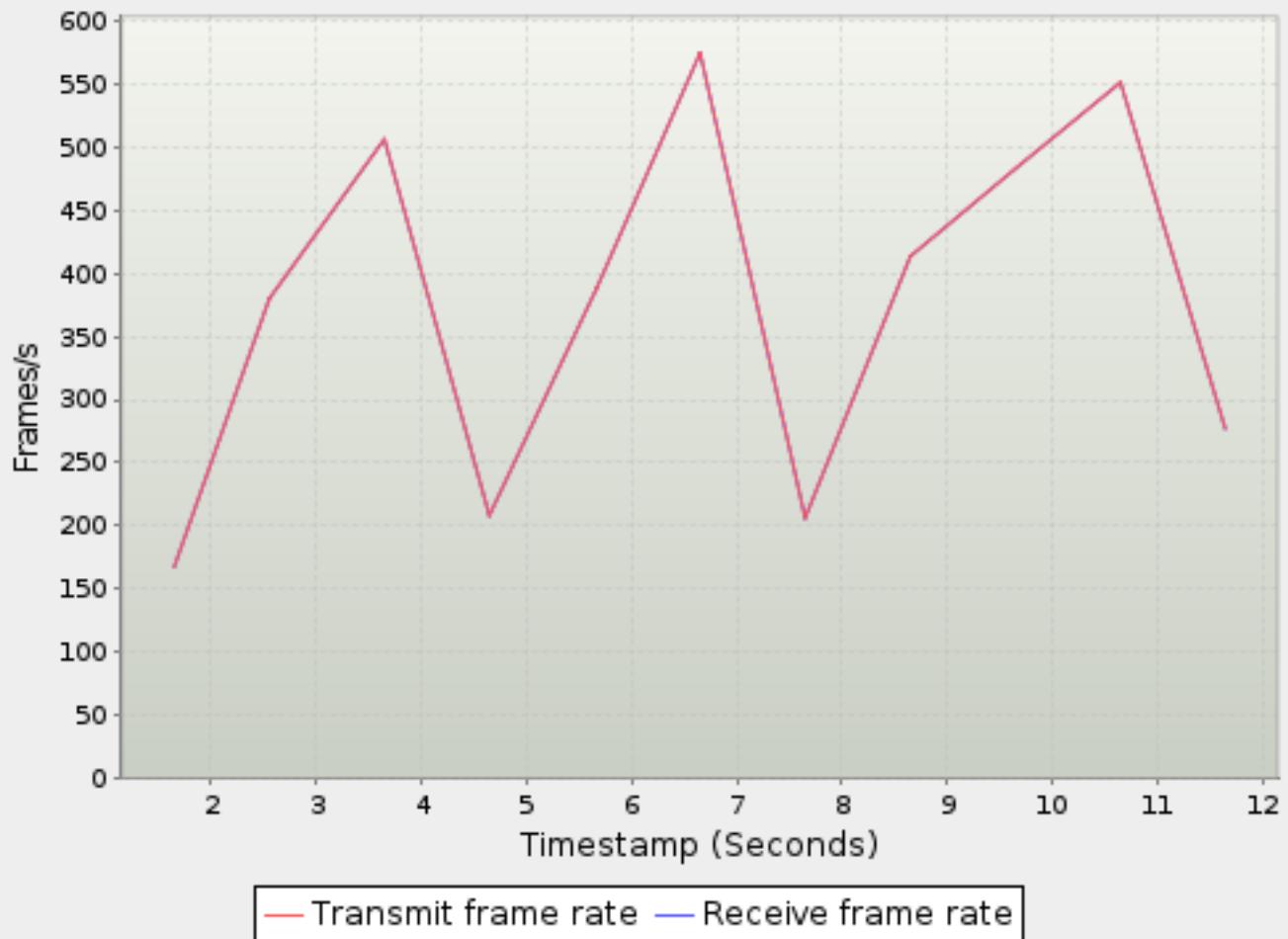
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate		Receive frame rate
	Frames/s		
1.649	26.68		26.68
2.554	97.24		97.24
3.648	80.44		80.44
4.647	44.04		44.04
5.669	0.00		0.00
6.652	44.76		44.76
7.651	88.09		88.09
8.652	0.00		0.00
9.650	44.09		44.09
10.651	43.96		43.96
11.647	88.35		88.35
12.659	0.00		0.00
13.661	0.00		0.00
14.660	0.00		0.00
15.554	0.00		0.00
16.667	0.00		0.00
17.665	0.00		0.00
18.659	0.00		0.00
19.667	0.00		0.00

Timestamp	<i>Seconds</i>	Transmit frame rate	Receive frame rate
		Frames/s	Frames/s
20.686	0.00		0.00
21.659	0.00		0.00
22.658	0.00		0.00
23.657	0.00		0.00
24.553	0.00		0.00
25.553	0.00		0.00
26.108	0.00		0.00
27.137	0.00		0.00

7.25.4.11. Application Frames Throughput: Telnet

7.25.4.11 : Application Frames Throughput: Telnet



Data Rate shown includes Ethernet overhead.

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

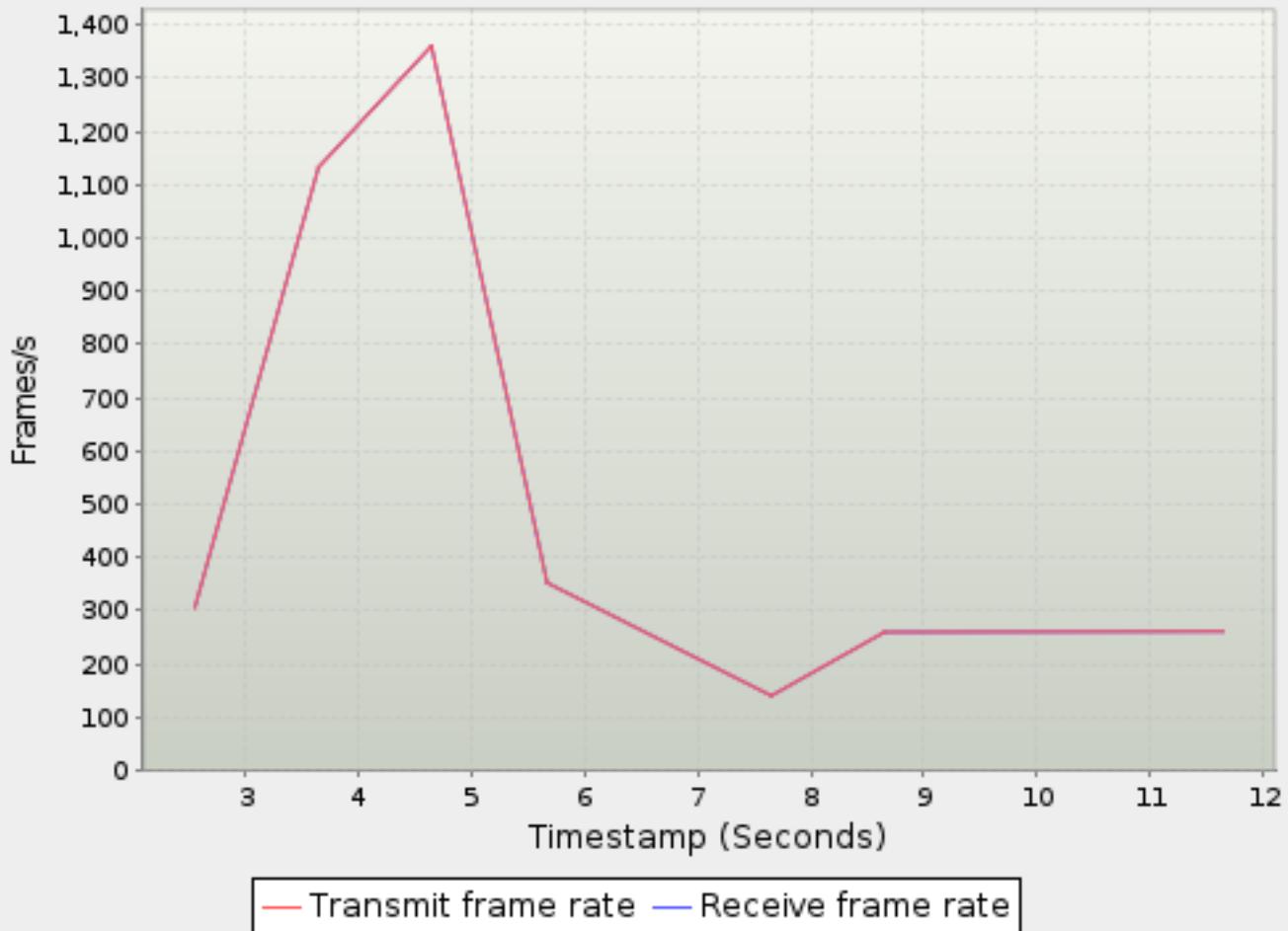
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate	Receive frame rate
		Frames/s
1.649	167.4	167.4
2.554	380.1	380.1
3.648	506.4	506.4
4.647	208.2	208.2
5.669	388.5	388.5
6.652	574.8	574.8
7.651	206.2	206.2
8.652	413.6	413.6
9.650	~483	~483
10.651	551.4	551.4
11.647	277.1	277.1
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00
19.667	0.00	0.00

Timestamp <i>Seconds</i>	Transmit frame rate	Receive frame rate
20.686	0.00	0.00
21.659	0.00	0.00
22.658	0.00	0.00
23.657	0.00	0.00
24.553	0.00	0.00
25.553	0.00	0.00
26.108	0.00	0.00
27.137	0.00	0.00

7.25.4.12. Application Frames Throughput: eDonkey

7.25.4.12 : Application Frames Throughput: eDonkey



Data Rate shown includes Ethernet overhead.

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

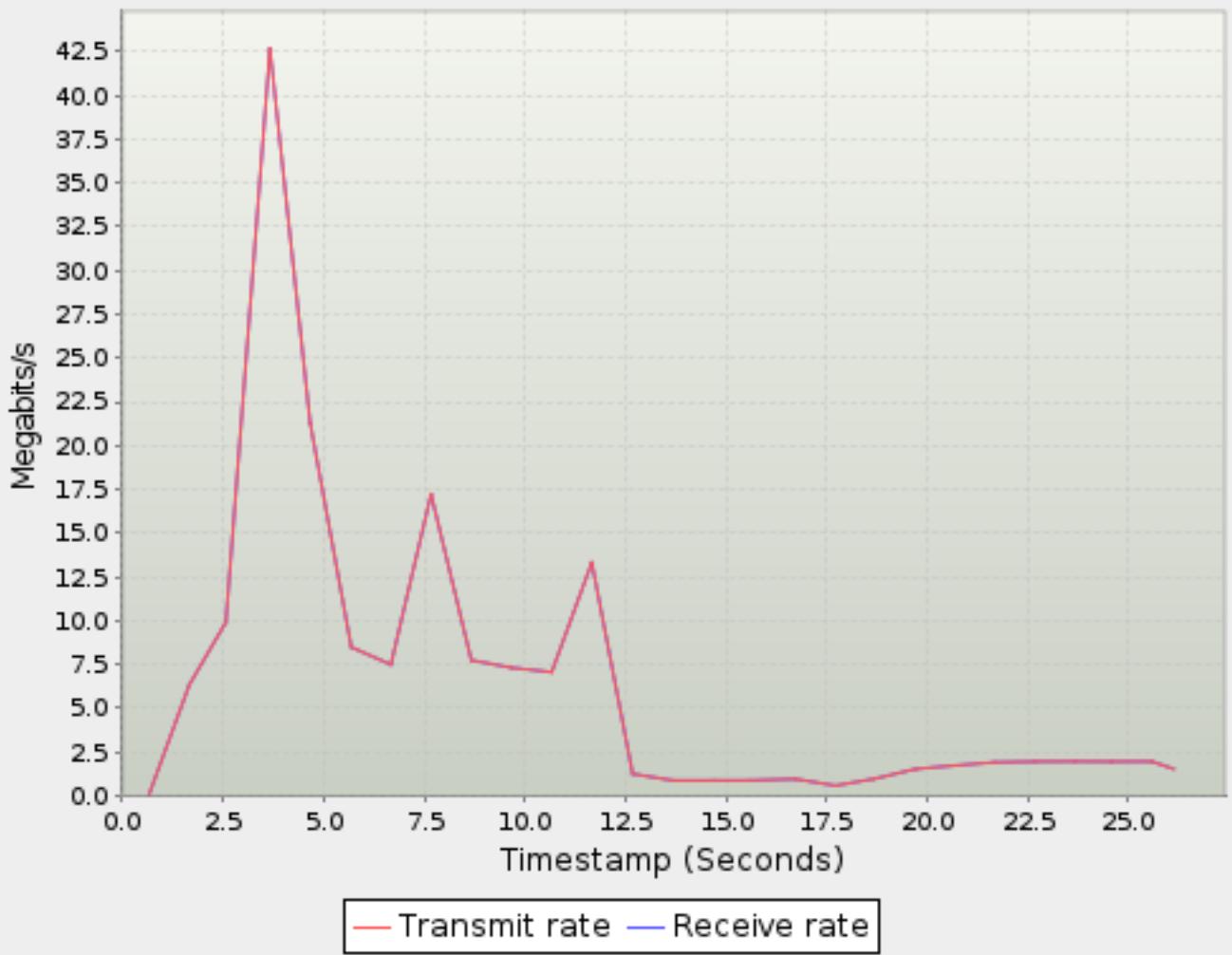
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate	Receive frame rate
		Frames/s
2.554	305.4	305.4
3.648	~1133	~1133
4.647	~1361	~1361
5.669	352.3	352.3
6.652	0.00	0.00
7.651	140.1	140.1
8.652	259.7	259.7
9.650	0.00	0.00
10.651	0.00	0.00
11.647	~261	~261
12.659	0.00	0.00
13.661	0.00	0.00
14.660	0.00	0.00
15.554	0.00	0.00
16.667	0.00	0.00
17.665	0.00	0.00
18.659	0.00	0.00
19.667	0.00	0.00
20.686	0.00	0.00

Timestamp	Transmit frame rate		Receive frame rate
	<i>Seconds</i>		<i>Frames/s</i>
21.659	0.00		0.00
22.658	0.00		0.00
23.657	0.00		0.00
24.553	0.00		0.00
25.553	0.00		0.00
26.108	0.00		0.00
27.137	0.00		0.00

7.25.5. Super Flow Data Throughput

7.25.5 : Super Flow Data Throughput



Data Rate shown includes Ethernet overhead.

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

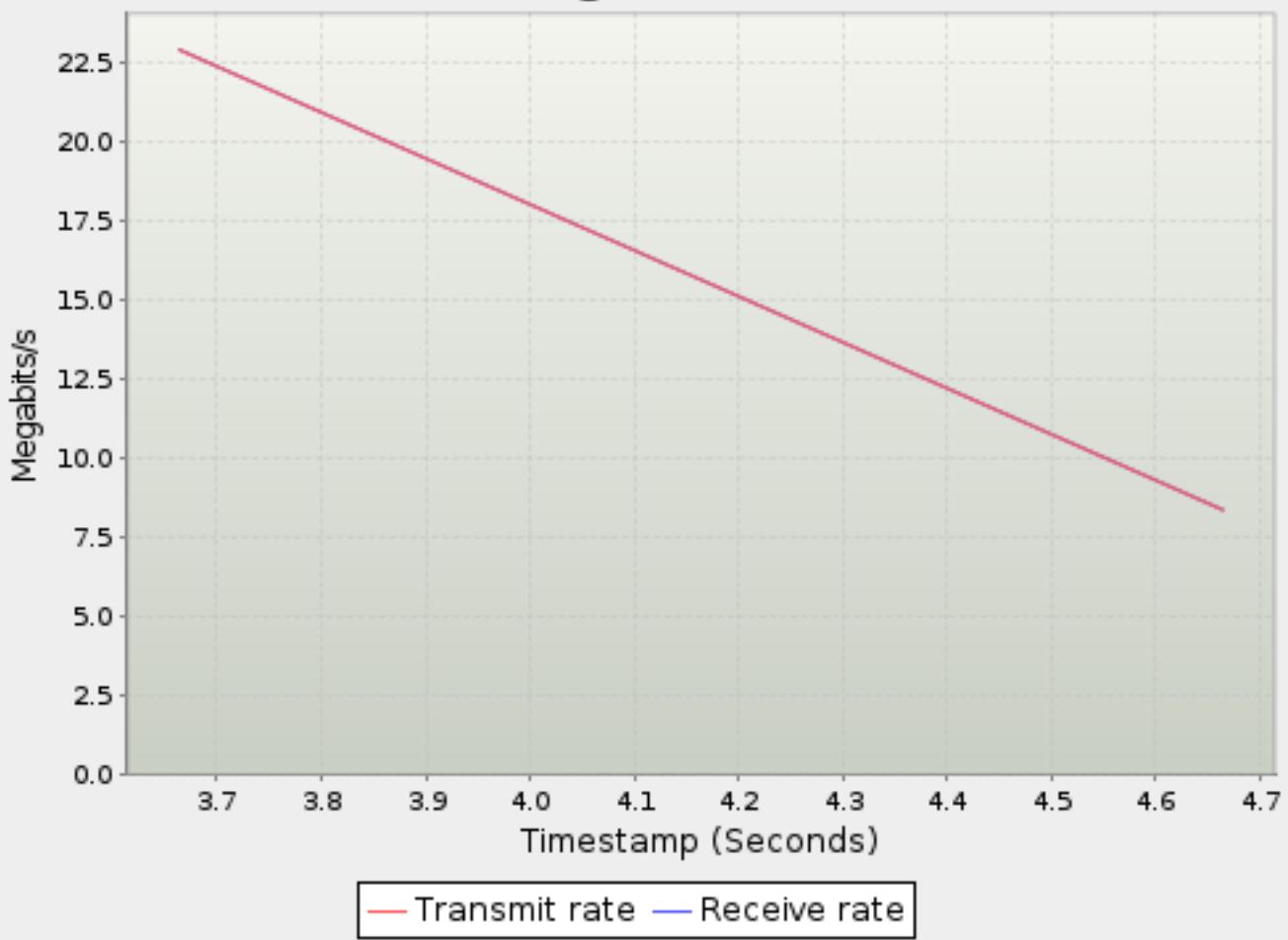
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate		Receive rate
	Megabit/s		
0.658	0.06325		0.06325
1.663	6.351		6.351
2.568	9.905		9.905
3.664	42.67		42.66
4.664	21.29		21.29
5.685	8.486		8.486
6.669	7.489		7.489
7.668	17.22		17.22
8.668	7.742		7.742
9.666	7.313		7.313
10.667	7.063		7.063
11.663	13.32		13.32
12.678	1.249		1.249
13.682	0.8713		0.8713
14.682	0.8748		0.8748
15.576	0.8771		0.8771
16.722	0.9539		0.9539
17.720	0.5770		0.5770
18.681	0.9673		0.9673

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.723		1.531	1.531
20.708		1.729	1.729
21.676		1.910	1.910
22.675		1.953	1.953
23.677		1.960	1.960
24.575		1.952	1.952
25.577		1.958	1.958
26.125		1.529	1.529
27.150		0.00	0.00

7.25.5.1. Super Flow Data Throughput: BreakingPoint Citrix

7.25.5.1 : Super Flow Data Throughput: BreakingPoint Citrix



Data Rate shown includes Ethernet overhead.

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

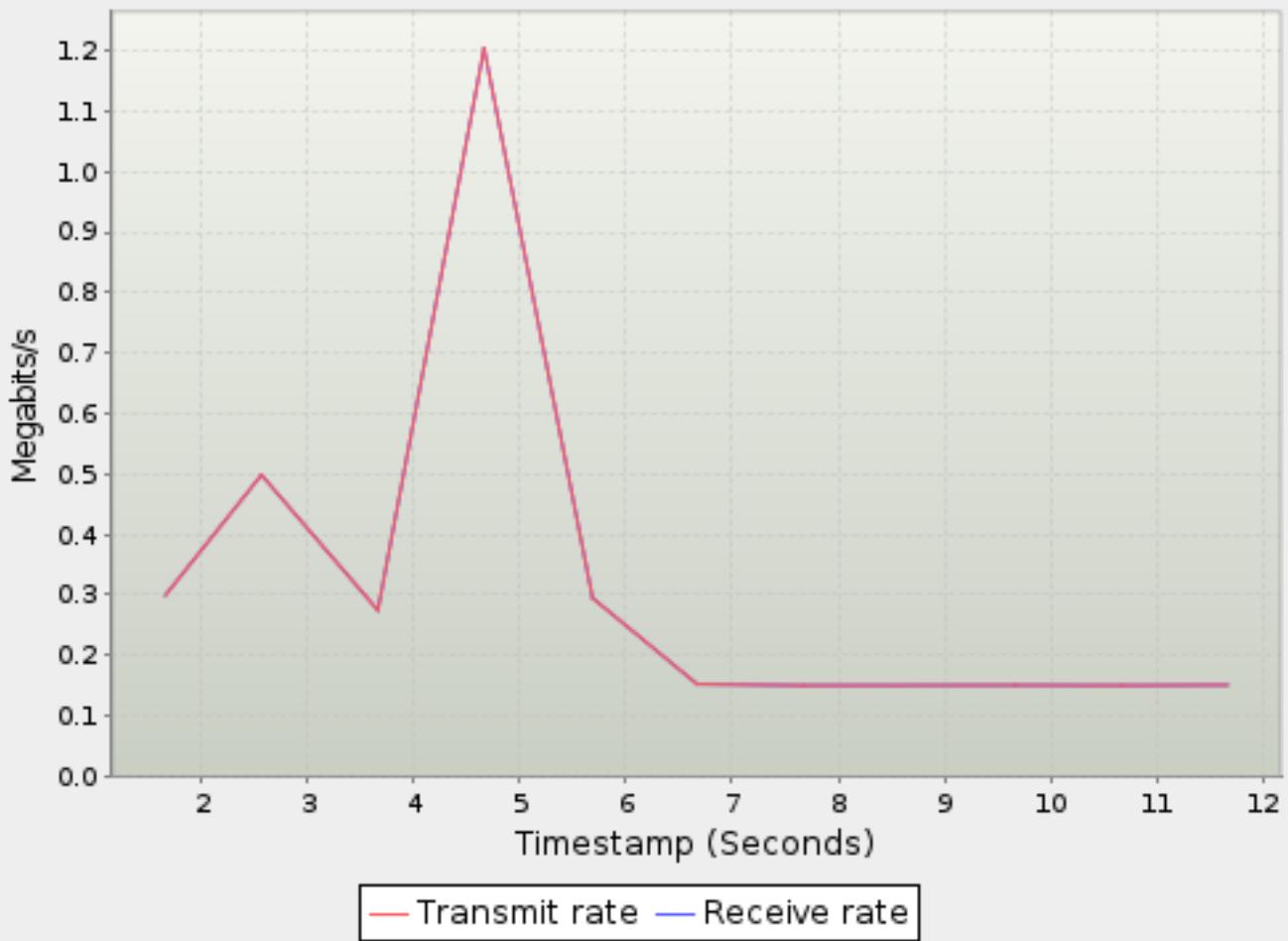
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate		Receive rate Megabits/s
0.658	0.00		0.00
1.663	0.00		0.00
2.568	0.00		0.00
3.664	22.92		22.92
4.664	8.372		8.372
5.685	0.00		0.00
6.669	0.00		0.00
7.668	0.00		0.00
8.668	0.00		0.00
9.666	0.00		0.00
10.667	0.00		0.00
11.663	0.00		0.00
12.678	0.00		0.00
13.682	0.00		0.00
14.682	0.00		0.00
15.576	0.00		0.00
16.722	0.00		0.00
17.720	0.00		0.00
18.681	0.00		0.00

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.723		0.00	0.00
20.708		0.00	0.00
21.676		0.00	0.00
22.675		0.00	0.00
23.677		0.00	0.00
24.575		0.00	0.00
25.577		0.00	0.00
26.125		0.00	0.00
27.150		0.00	0.00

7.25.5.2. Super Flow Data Throughput: BreakingPoint FTP

7.25.5.2 : Super Flow Data Throughput: BreakingPoint FTP



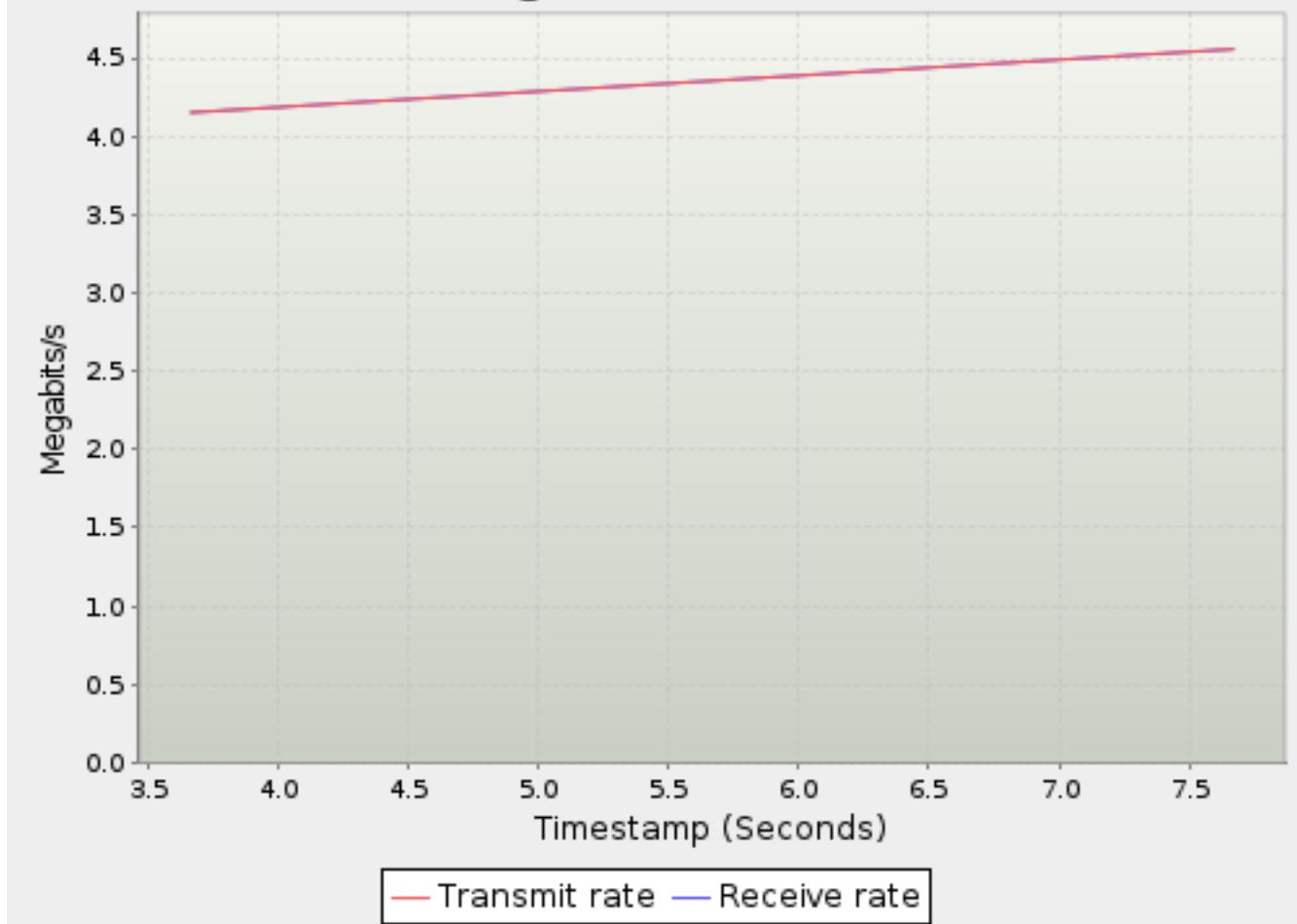
Data Rate shown includes Ethernet overhead.

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

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate Megabits/s	Receive rate Megabits/s
0.658	0.00	0.00
1.663	0.2994	0.2994
2.568	0.4985	0.4985
3.664	0.2748	0.2748
4.664	1.204	1.204
5.685	0.2950	0.2950
6.669	0.1527	0.1527
7.668	0.1504	0.1504
8.668	0.00	0.00
9.666	0.1509	0.1509
10.667	0.1504	0.1504
11.663	0.1512	0.1512
12.678	0.00	0.00
13.682	0.00	0.00
14.682	0.00	0.00
15.576	0.00	0.00
16.722	0.00	0.00
17.720	0.00	0.00
18.681	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.723		0.00	0.00
20.708		0.00	0.00
21.676		0.00	0.00
22.675		0.00	0.00
23.677		0.00	0.00
24.575		0.00	0.00
25.577		0.00	0.00
26.125		0.00	0.00
27.150		0.00	0.00

7.25.5.3. Super Flow Data Throughput: BreakingPoint HTTP Audio**7.25.5.3 : Super Flow Data Throughput:
BreakingPoint HTTP Audio**

Data Rate shown includes Ethernet overhead.

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

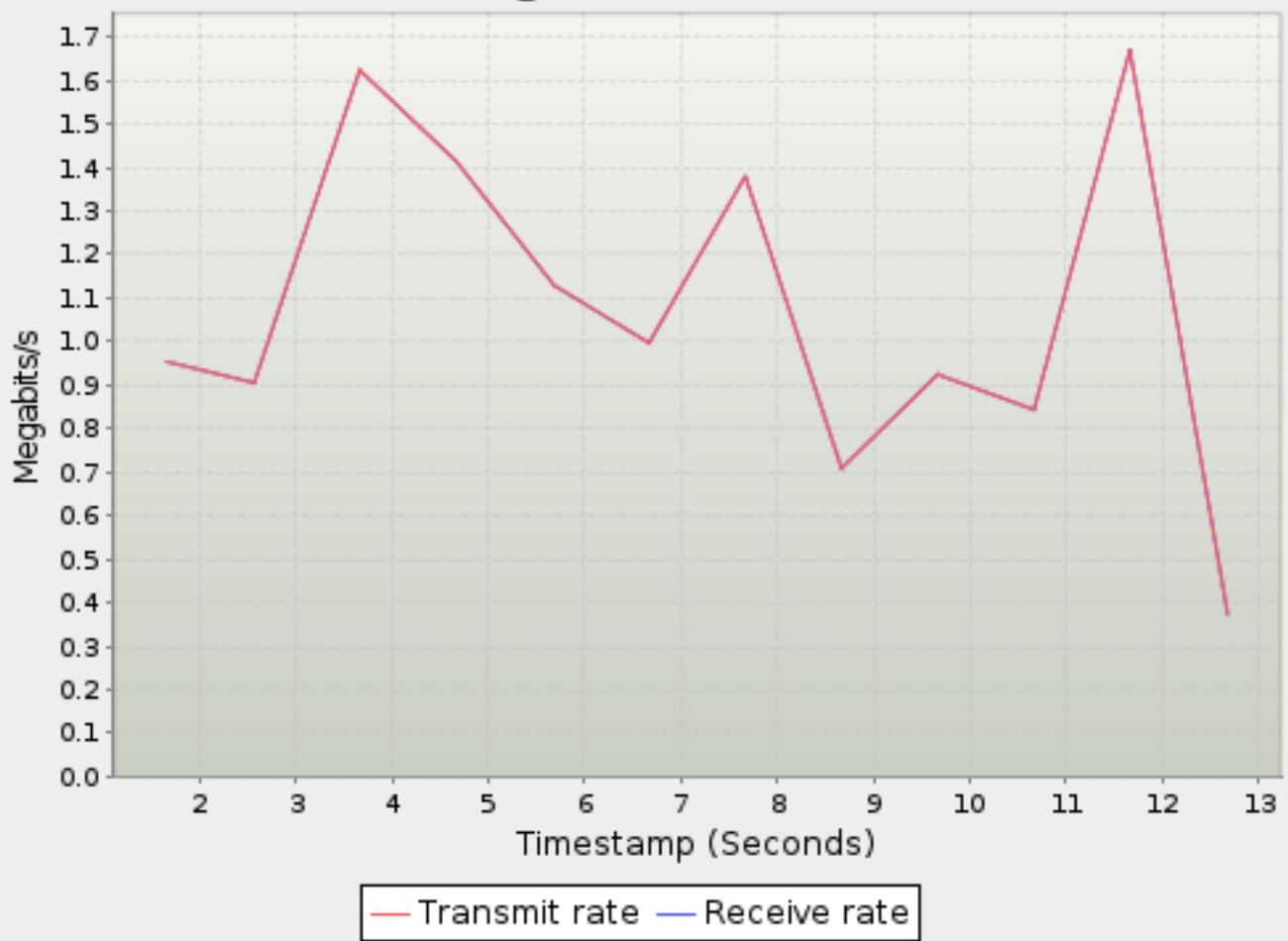
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate Megabits/s	Receive rate Megabits/s
0.658	0.00	0.00
1.663	0.00	0.00
2.568	0.00	0.00
3.664	4.152	4.152
4.664	0.00	0.00
5.685	0.00	0.00
6.669	0.00	0.00
7.668	4.556	4.556
8.668	0.00	0.00
9.666	0.00	0.00
10.667	0.00	0.00
11.663	0.00	0.00
12.678	0.00	0.00
13.682	0.00	0.00
14.682	0.00	0.00
15.576	0.00	0.00
16.722	0.00	0.00
17.720	0.00	0.00
18.681	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.723		0.00	0.00
20.708		0.00	0.00
21.676		0.00	0.00
22.675		0.00	0.00
23.677		0.00	0.00
24.575		0.00	0.00
25.577		0.00	0.00
26.125		0.00	0.00
27.150		0.00	0.00

7.25.5.4. Super Flow Data Throughput: BreakingPoint HTTP Text

7.25.5.4 : Super Flow Data Throughput: BreakingPoint HTTP Text



Data Rate shown includes Ethernet overhead.

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

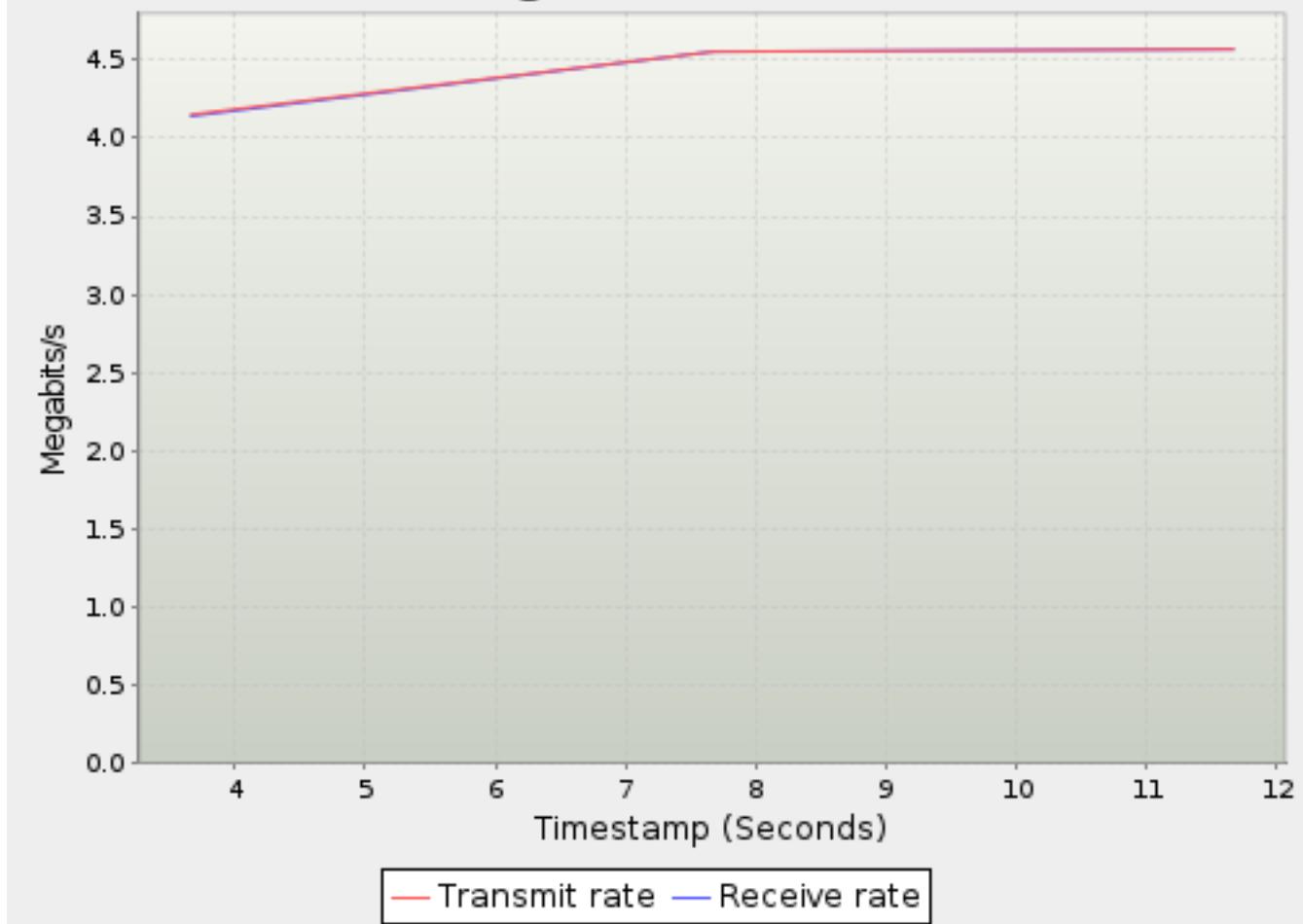
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate		Receive rate
	Megabits/s		
0.658	0.00		0.00
1.663	0.9538		0.9538
2.568	0.9054		0.9054
3.664	1.624		1.624
4.664	1.415		1.415
5.685	1.129		1.129
6.669	0.9969		0.9969
7.668	1.380		1.380
8.668	0.7088		0.7088
9.666	0.9247		0.9247
10.667	0.8435		0.8435
11.663	1.670		1.670
12.678	0.3740		0.3740
13.682	0.00		0.00
14.682	0.00		0.00
15.576	0.00		0.00
16.722	0.00		0.00
17.720	0.00		0.00
18.681	0.00		0.00

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.723		0.00	0.00
20.708		0.00	0.00
21.676		0.00	0.00
22.675		0.00	0.00
23.677		0.00	0.00
24.575		0.00	0.00
25.577		0.00	0.00
26.125		0.00	0.00
27.150		0.00	0.00

7.25.5.5. Super Flow Data Throughput: BreakingPoint HTTP Video

7.25.5.5 : Super Flow Data Throughput: BreakingPoint HTTP Video



Data Rate shown includes Ethernet overhead.

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

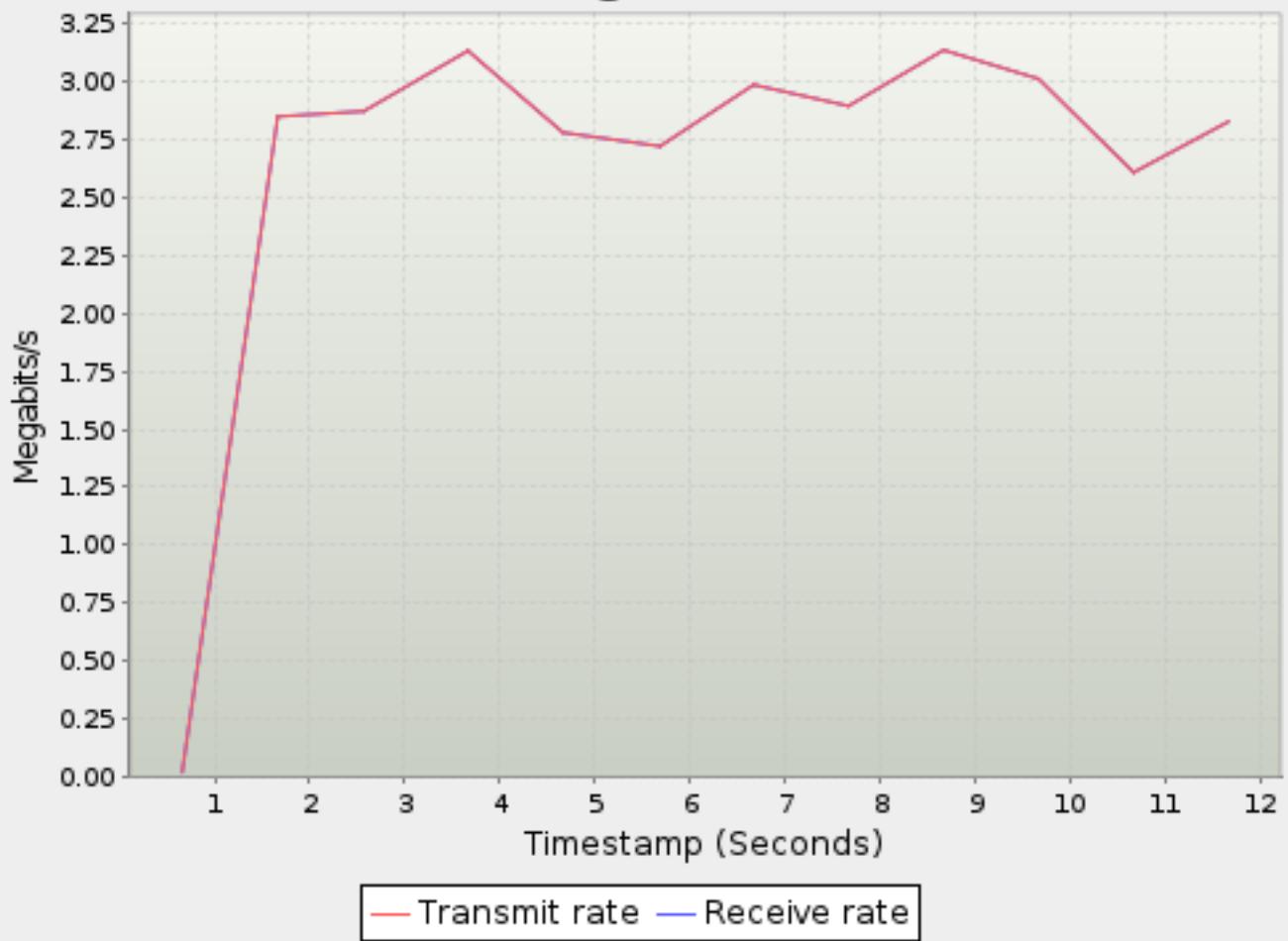
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate		Receive rate
	Megabits/s		
0.658	0.00		0.00
1.663	0.00		0.00
2.568	0.00		0.00
3.664	4.153		4.142
4.664	0.00		0.00
5.685	0.00		0.00
6.669	0.00		0.00
7.668	4.555		4.555
8.668	0.00		0.00
9.666	0.00		0.00
10.667	0.00		0.00
11.663	4.571		4.571
12.678	0.00		0.00
13.682	0.00		0.00
14.682	0.00		0.00
15.576	0.00		0.00
16.722	0.00		0.00
17.720	0.00		0.00
18.681	0.00		0.00

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.723		0.00	0.00
20.708		0.00	0.00
21.676		0.00	0.00
22.675		0.00	0.00
23.677		0.00	0.00
24.575		0.00	0.00
25.577		0.00	0.00
26.125		0.00	0.00
27.150		0.00	0.00

7.25.5.6. Super Flow Data Throughput: BreakingPoint Raw

7.25.5.6 : Super Flow Data Throughput: BreakingPoint Raw



Data Rate shown includes Ethernet overhead.

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

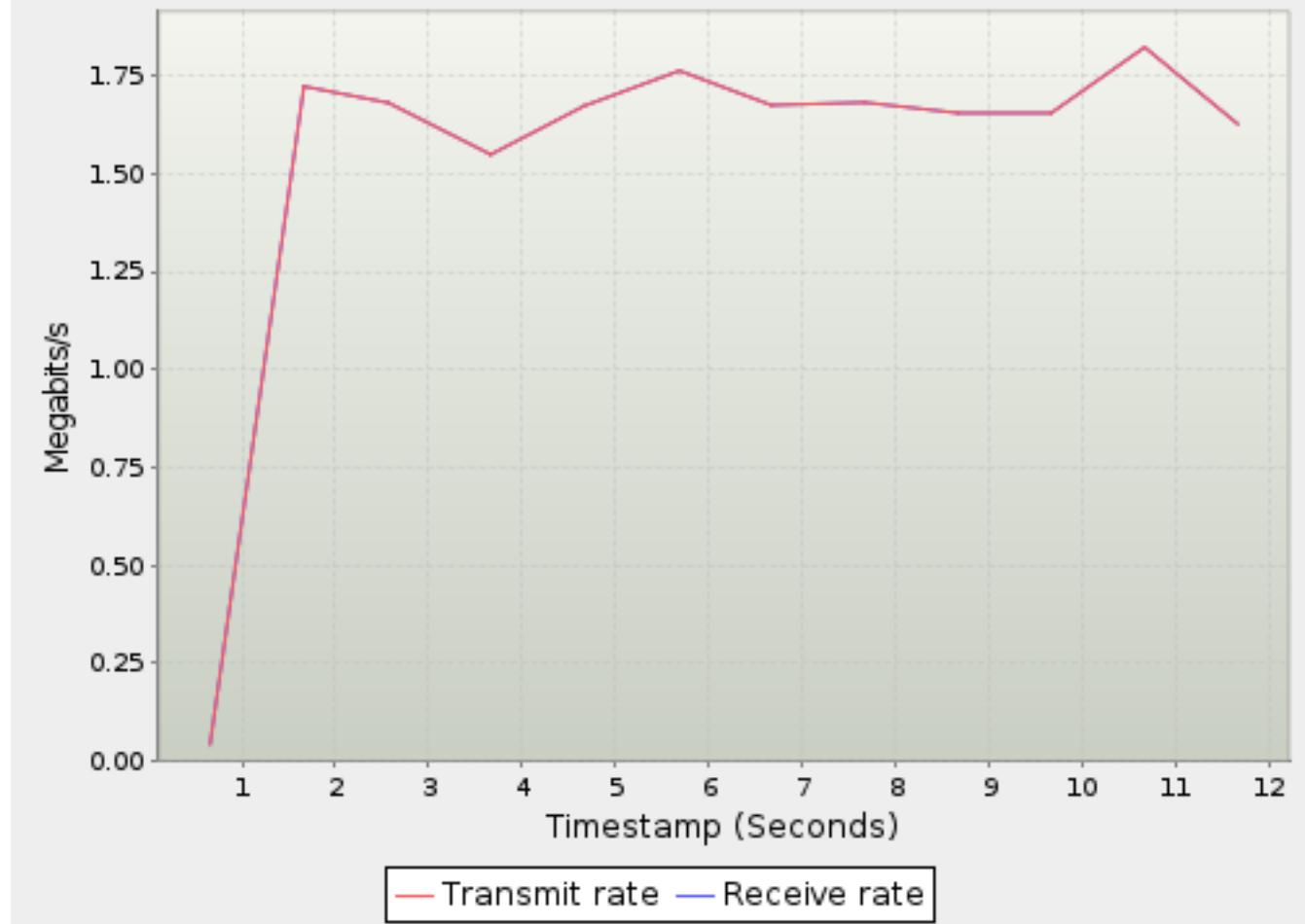
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate		Receive rate
	Megabits/s		
0.658	0.02055		0.02055
1.663	2.851		2.851
2.568	2.874		2.874
3.664	3.135		3.135
4.664	2.782		2.782
5.685	2.723		2.723
6.669	2.988		2.988
7.668	2.897		2.897
8.668	3.138		3.138
9.666	3.014		3.014
10.667	2.610		2.610
11.663	2.829		2.829
12.678	0.00		0.00
13.682	0.00		0.00
14.682	0.00		0.00
15.576	0.00		0.00
16.722	0.00		0.00
17.720	0.00		0.00
18.681	0.00		0.00

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.723		0.00	0.00
20.708		0.00	0.00
21.676		0.00	0.00
22.675		0.00	0.00
23.677		0.00	0.00
24.575		0.00	0.00
25.577		0.00	0.00
26.125		0.00	0.00
27.150		0.00	0.00

7.25.5.7. Super Flow Data Throughput: BreakingPoint SAP

7.25.5.7 : Super Flow Data Throughput: BreakingPoint SAP



Data Rate shown includes Ethernet overhead.

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

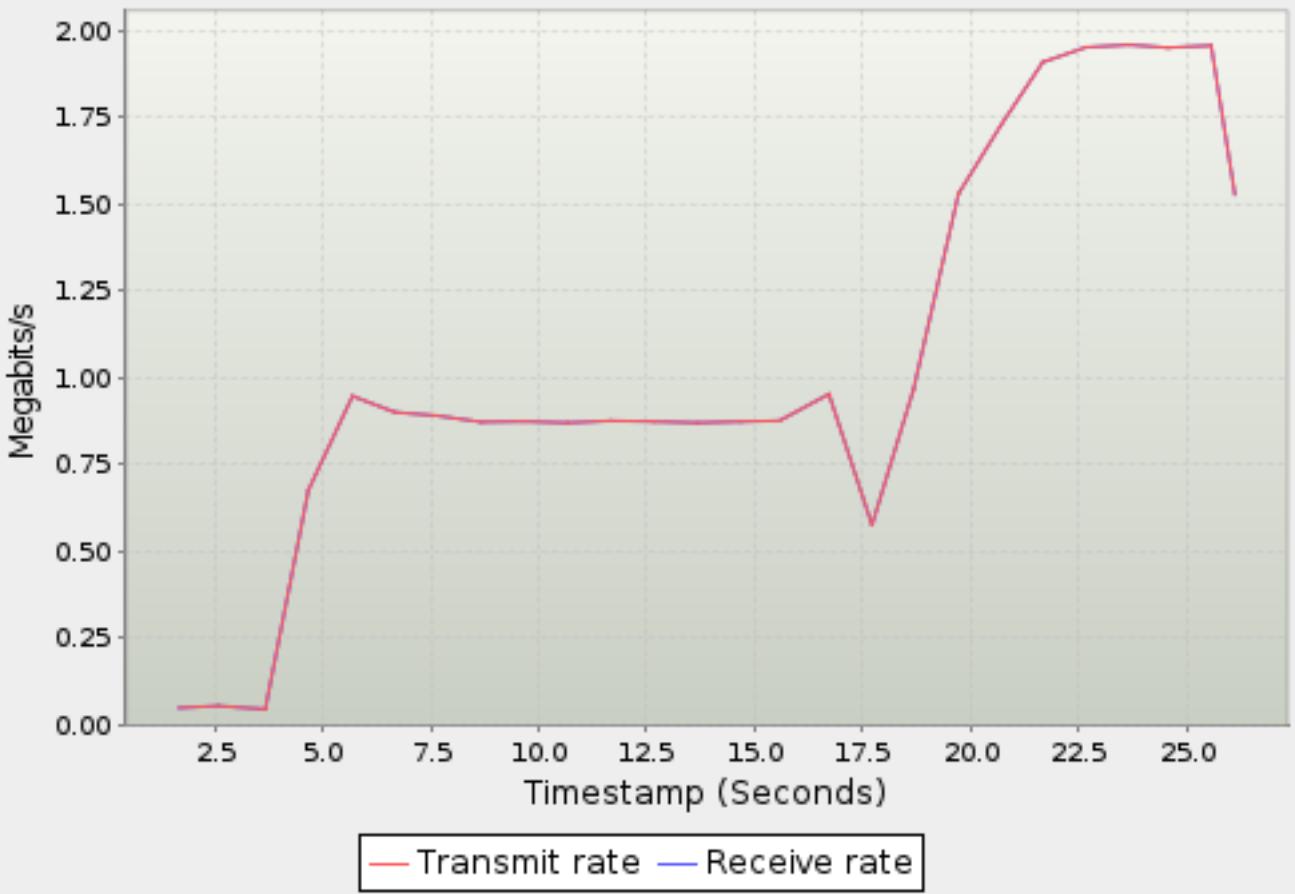
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate	Receive rate
		Megabits/s
0.658	0.04270	0.04270
1.663	1.723	1.723
2.568	1.681	1.681
3.664	1.549	1.549
4.664	1.673	1.673
5.685	1.763	1.763
6.669	1.675	1.675
7.668	1.682	1.682
8.668	1.655	1.655
9.666	1.655	1.655
10.667	1.823	1.823
11.663	1.627	1.627
12.678	0.00	0.00
13.682	0.00	0.00
14.682	0.00	0.00
15.576	0.00	0.00
16.722	0.00	0.00
17.720	0.00	0.00
18.681	0.00	0.00

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.723		0.00	0.00
20.708		0.00	0.00
21.676		0.00	0.00
22.675		0.00	0.00
23.677		0.00	0.00
24.575		0.00	0.00
25.577		0.00	0.00
26.125		0.00	0.00
27.150		0.00	0.00

7.25.5.8. Super Flow Data Throughput: BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)

7.25.5.8 : Super Flow Data Throughput: BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)



Data Rate shown includes Ethernet overhead.

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

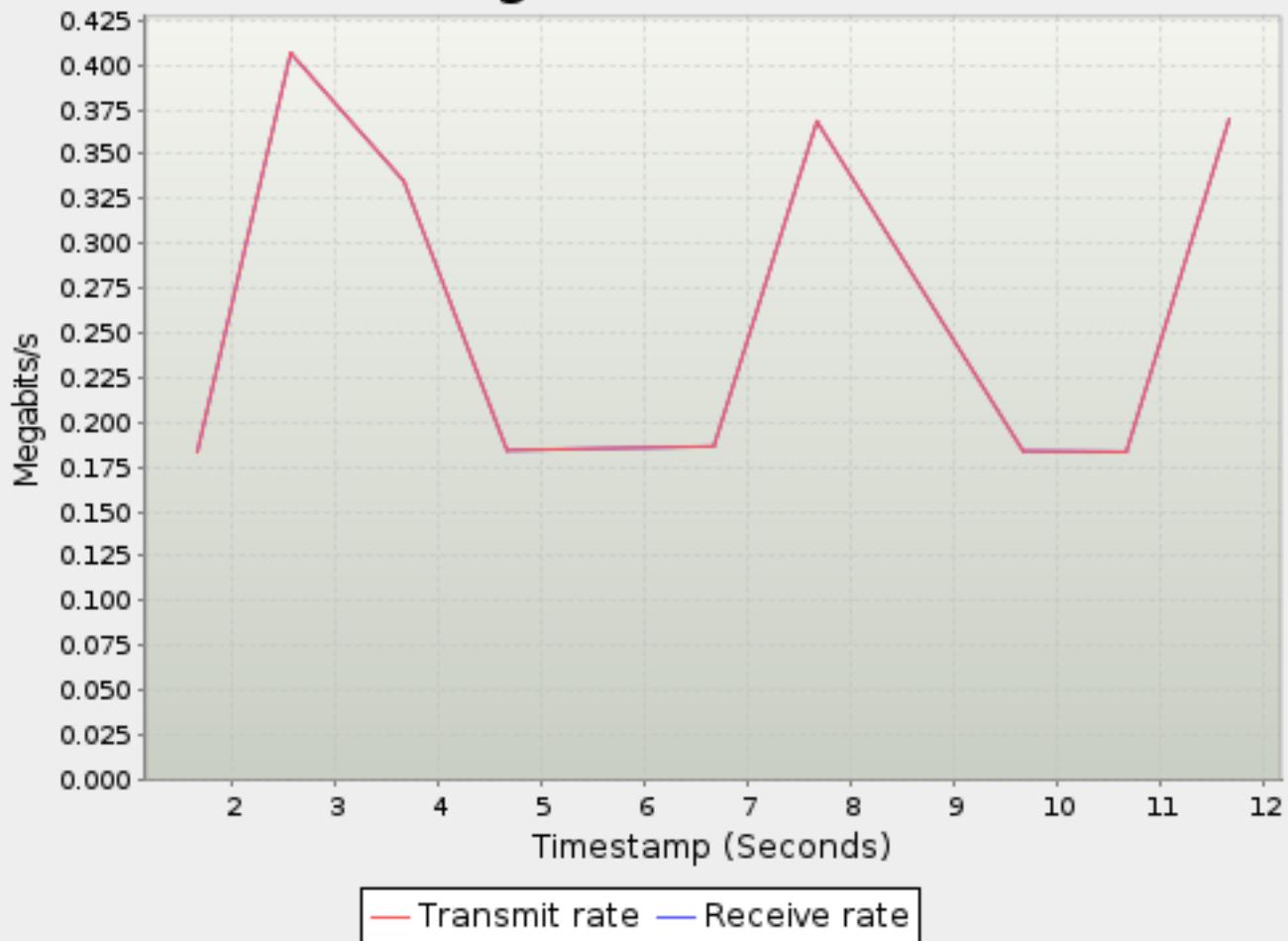
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate		Receive rate
	Megabits/s	Megabits/s	
0.658	0.00	0.00	
1.663	0.05004	0.05004	
2.568	0.05561	0.05561	
3.664	0.04615	0.04615	
4.664	0.6776	0.6776	
5.685	0.9481	0.9481	
6.669	0.9016	0.9016	
7.668	0.8913	0.8913	
8.668	0.8735	0.8735	
9.666	0.8752	0.8752	
10.667	0.8712	0.8712	
11.663	0.8770	0.8770	
12.678	0.8749	0.8749	
13.682	0.8713	0.8713	
14.682	0.8748	0.8748	
15.576	0.8771	0.8771	
16.722	0.9539	0.9539	
17.720	0.5770	0.5770	

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
18.681		0.9673	0.9673
19.723		1.531	1.531
20.708		1.729	1.729
21.676		1.910	1.910
22.675		1.953	1.953
23.677		1.960	1.960
24.575		1.952	1.952
25.577		1.958	1.958
26.125		1.529	1.529
27.150		0.00	0.00

7.25.5.9. Super Flow Data Throughput: BreakingPoint SMTP Email

7.25.5.9 : Super Flow Data Throughput: BreakingPoint SMTP Email



Data Rate shown includes Ethernet overhead.

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

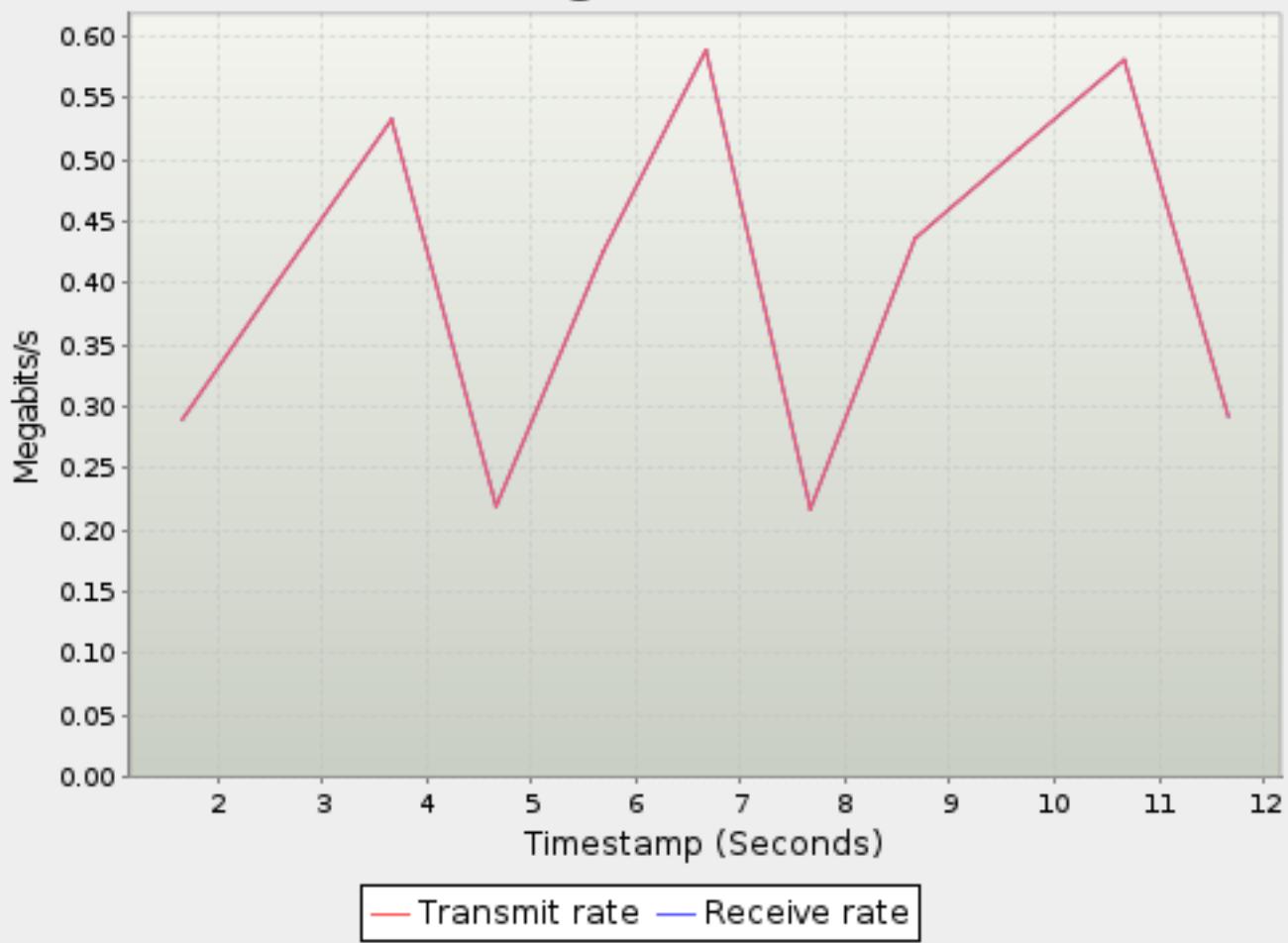
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate		Receive rate
	Megabits/s		
0.658	0.00		0.00
1.663	0.1835		0.1835
2.568	0.4067		0.4067
3.664	0.3351		0.3351
4.664	0.1844		0.1844
5.685	0.00		0.00
6.669	0.1866		0.1866
7.668	0.3684		0.3684
8.668	0.00		0.00
9.666	0.1840		0.1840
10.667	0.1835		0.1835
11.663	0.3695		0.3695
12.678	0.00		0.00
13.682	0.00		0.00
14.682	0.00		0.00
15.576	0.00		0.00
16.722	0.00		0.00
17.720	0.00		0.00
18.681	0.00		0.00

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.723		0.00	0.00
20.708		0.00	0.00
21.676		0.00	0.00
22.675		0.00	0.00
23.677		0.00	0.00
24.575		0.00	0.00
25.577		0.00	0.00
26.125		0.00	0.00
27.150		0.00	0.00

7.25.5.10. Super Flow Data Throughput: BreakingPoint Telnet

7.25.5.10 : Super Flow Data Throughput: BreakingPoint Telnet



Data Rate shown includes Ethernet overhead.

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

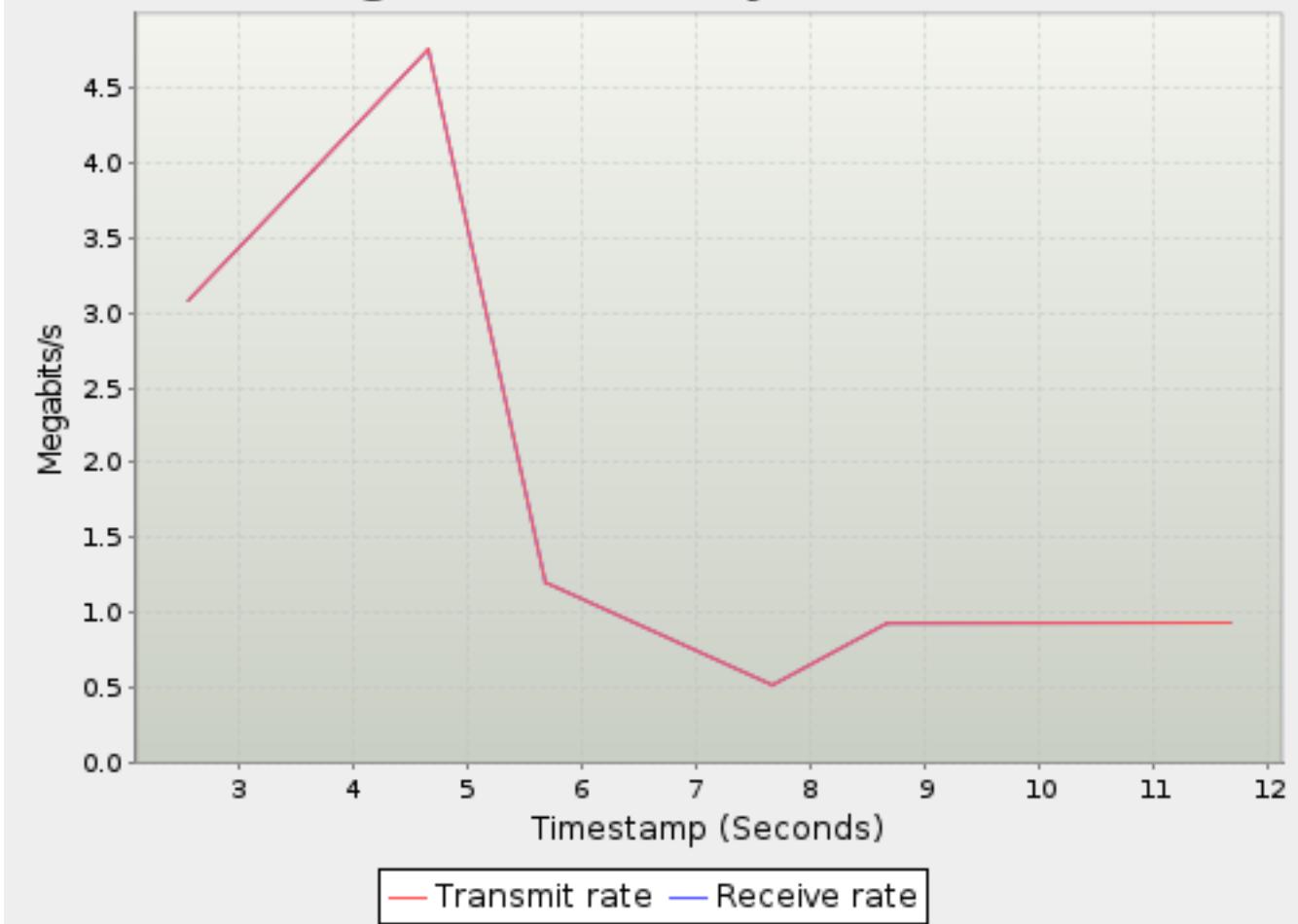
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate		Receive rate
	Megabits/s		
0.658	0.00		0.00
1.663	0.2895		0.2895
2.568	0.4006		0.4006
3.664	0.5328		0.5328
4.664	0.2193		0.2193
5.685	0.4253		0.4253
6.669	0.5891		0.5891
7.668	0.2173		0.2173
8.668	0.4364		0.4364
9.666	0.5090		0.5090
10.667	0.5812		0.5812
11.663	0.2921		0.2921
12.678	0.00		0.00
13.682	0.00		0.00
14.682	0.00		0.00
15.576	0.00		0.00
16.722	0.00		0.00
17.720	0.00		0.00
18.681	0.00		0.00

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.723		0.00	0.00
20.708		0.00	0.00
21.676		0.00	0.00
22.675		0.00	0.00
23.677		0.00	0.00
24.575		0.00	0.00
25.577		0.00	0.00
26.125		0.00	0.00
27.150		0.00	0.00

7.25.5.11. Super Flow Data Throughput: BreakingPoint eDonkey Data Transfer

7.25.5.11 : Super Flow Data Throughput: BreakingPoint eDonkey Data Transfer



Data Rate shown includes Ethernet overhead.

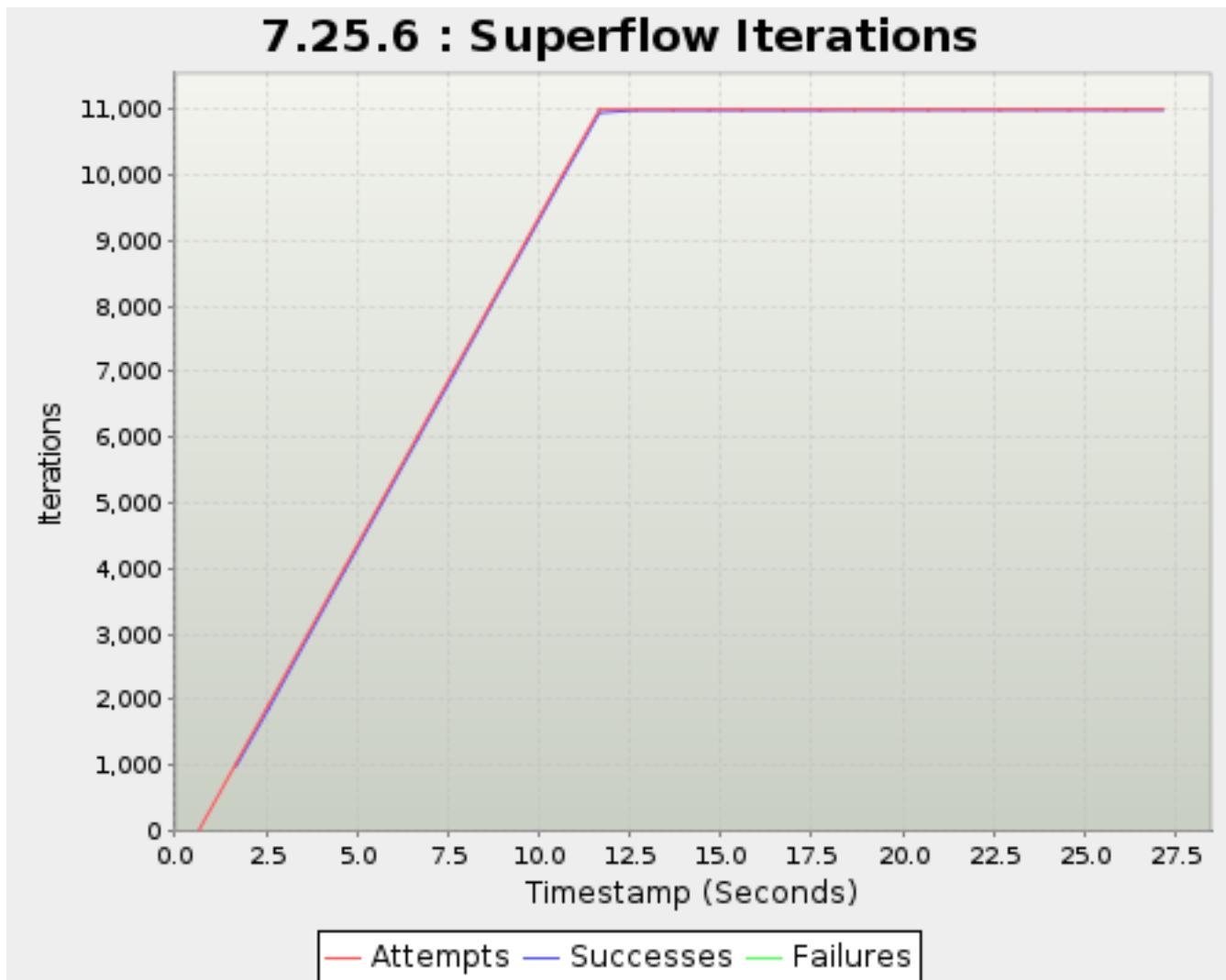
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate	Receive rate
		Megabits/s
0.658	0.00	0.00
1.663	0.00	0.00
2.568	3.084	3.084
3.664	3.957	3.957
4.664	4.759	4.759
5.685	1.203	1.203
6.669	0.00	0.00
7.668	0.5181	0.5181
8.668	0.9303	0.9303
9.666	0.00	0.00
10.667	0.00	0.00
11.663	0.9340	0.9340
12.678	0.00	0.00
13.682	0.00	0.00
14.682	0.00	0.00
15.576	0.00	0.00
16.722	0.00	0.00
17.720	0.00	0.00
18.681	0.00	0.00

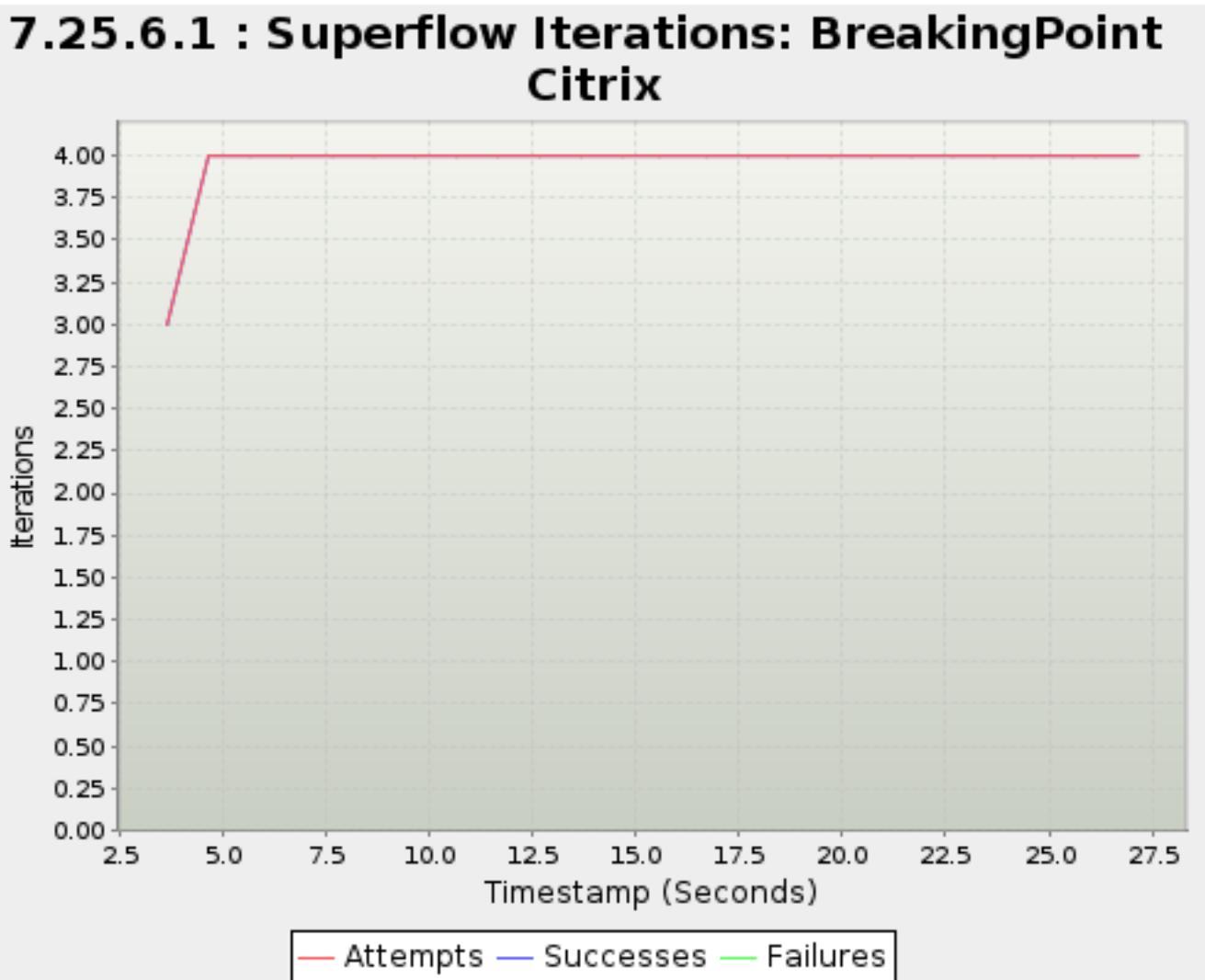
Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.723		0.00	0.00
20.708		0.00	0.00
21.676		0.00	0.00
22.675		0.00	0.00
23.677		0.00	0.00
24.575		0.00	0.00
25.577		0.00	0.00
26.125		0.00	0.00
27.150		0.00	0.00

7.25.6. Superflow Iterations



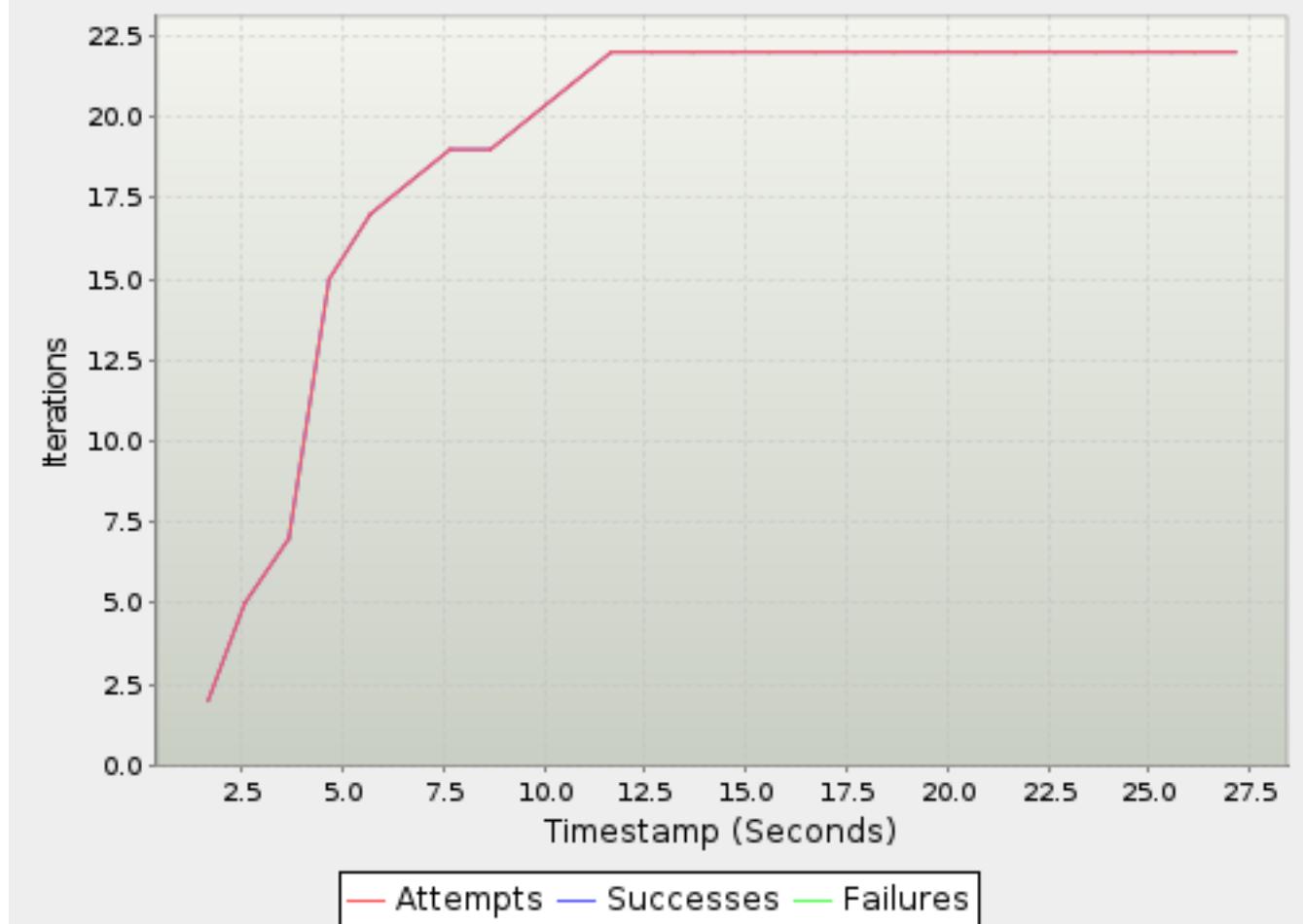
Timestamp Seconds	Attempts	Successes	Failures
Iteration			
0.658	15	0	0
1.663	1,020	978	0
2.568	1,925	1,861	0
3.664	3,021	2,968	0
4.664	4,020	3,971	0
5.685	5,042	4,993	0
6.669	6,026	5,979	0
7.668	7,025	6,971	0
8.668	8,025	7,986	0
9.666	9,023	8,976	0
10.667	10,024	9,977	0
11.663	11,001	10,949	0
12.678	11,001	10,988	0
13.682	11,001	10,988	0
14.682	11,001	10,988	0
15.576	11,001	10,988	0
16.722	11,001	10,988	0
17.720	11,001	10,988	0
18.681	11,001	10,992	0
19.723	11,001	10,992	0
20.708	11,001	10,992	0
21.676	11,001	10,992	0
22.675	11,001	10,992	0
23.677	11,001	10,992	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.575	11,001	10,992	0
25.577	11,001	10,992	0
26.125	11,001	10,992	0
27.150	11,001	10,992	0

7.25.6.1. Superflow Iterations: BreakingPoint Citrix

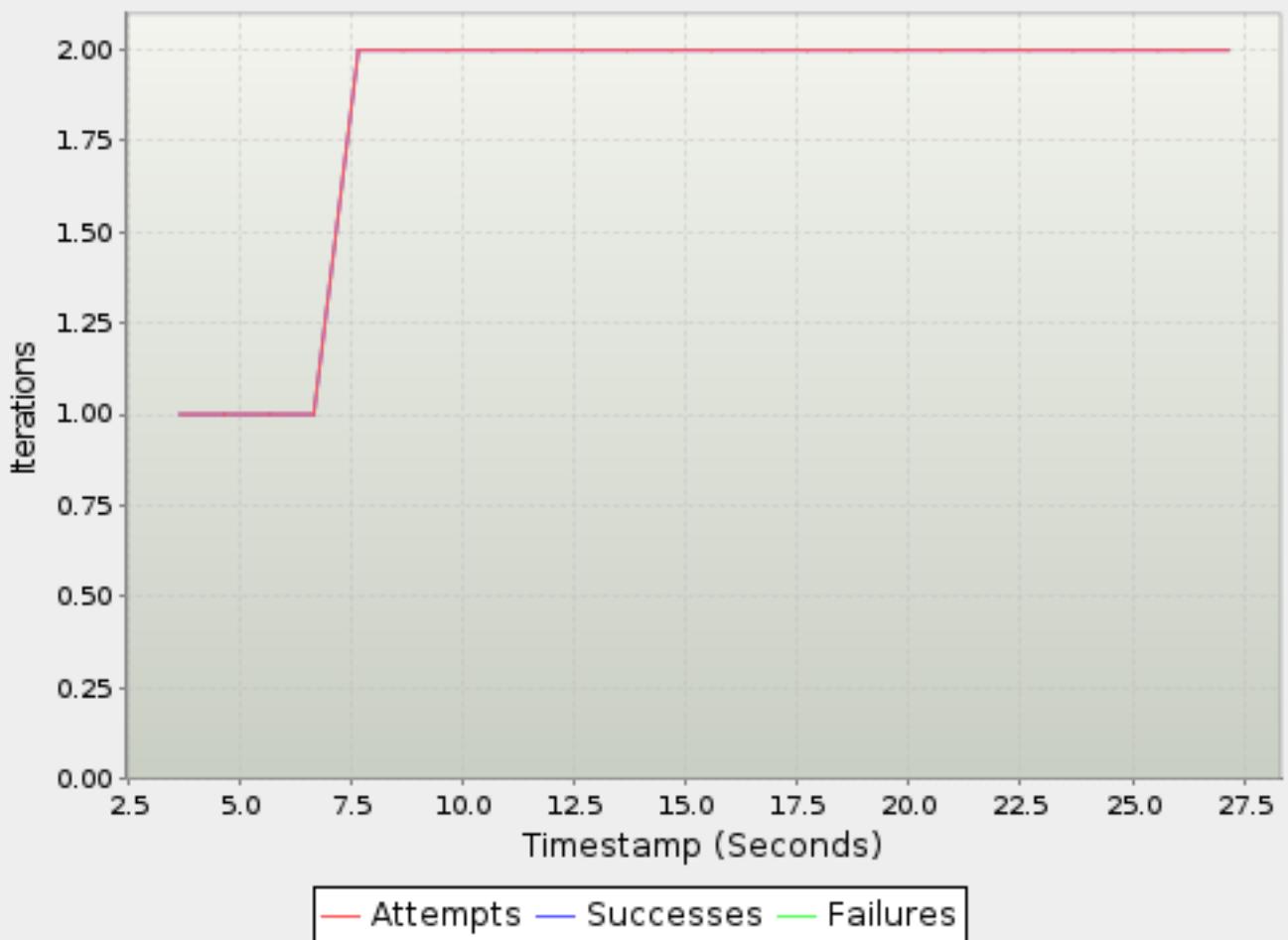
Timestamp Seconds	Attempts	Successes	Failures
0.658	0	0	0
1.663	0	0	0
2.568	0	0	0
3.664	3	3	0
4.664	4	4	0
5.685	4	4	0
6.669	4	4	0
7.668	4	4	0
8.668	4	4	0
9.666	4	4	0
10.667	4	4	0
11.663	4	4	0
12.678	4	4	0
13.682	4	4	0
14.682	4	4	0
15.576	4	4	0
16.722	4	4	0
17.720	4	4	0
18.681	4	4	0
19.723	4	4	0
20.708	4	4	0
21.676	4	4	0
22.675	4	4	0
23.677	4	4	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.575	4	4	0
25.577	4	4	0
26.125	4	4	0
27.150	4	4	0

7.25.6.2. Superflow Iterations: BreakingPoint FTP**7.25.6.2 : Superflow Iterations: BreakingPoint FTP**

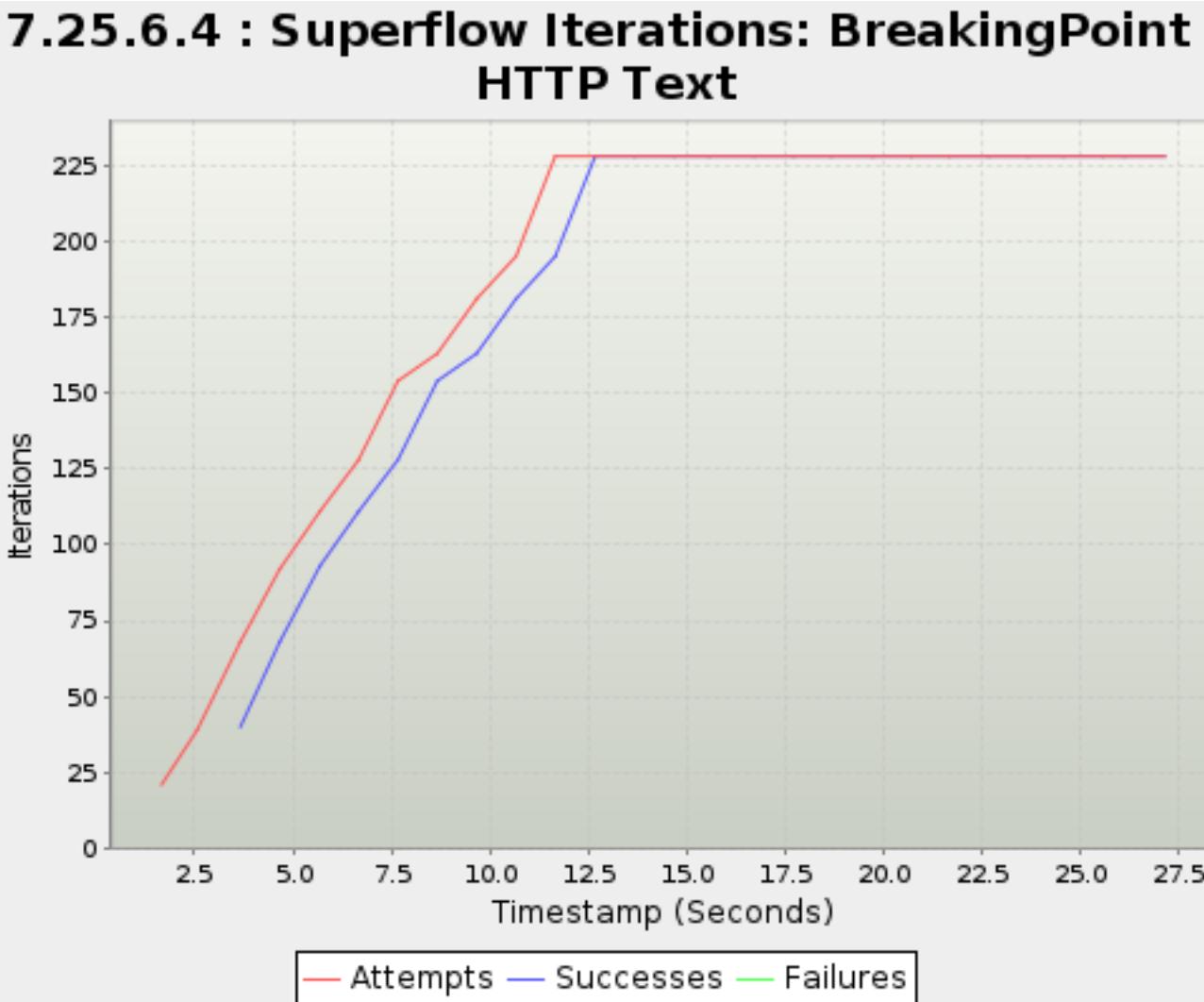
Timestamp Seconds	Attempts	Successes	Failures
Iteration			
0.658	0	0	0
1.663	2	2	0
2.568	5	5	0
3.664	7	7	0
4.664	15	15	0
5.685	17	17	0
6.669	18	18	0
7.668	19	19	0
8.668	19	19	0
9.666	20	20	0
10.667	21	21	0
11.663	22	22	0
12.678	22	22	0
13.682	22	22	0
14.682	22	22	0
15.576	22	22	0
16.722	22	22	0
17.720	22	22	0
18.681	22	22	0
19.723	22	22	0
20.708	22	22	0
21.676	22	22	0
22.675	22	22	0
23.677	22	22	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.575	22	22	0
25.577	22	22	0
26.125	22	22	0
27.150	22	22	0

7.25.6.3. Superflow Iterations: BreakingPoint HTTP Audio**7.25.6.3 : Superflow Iterations: BreakingPoint HTTP Audio**

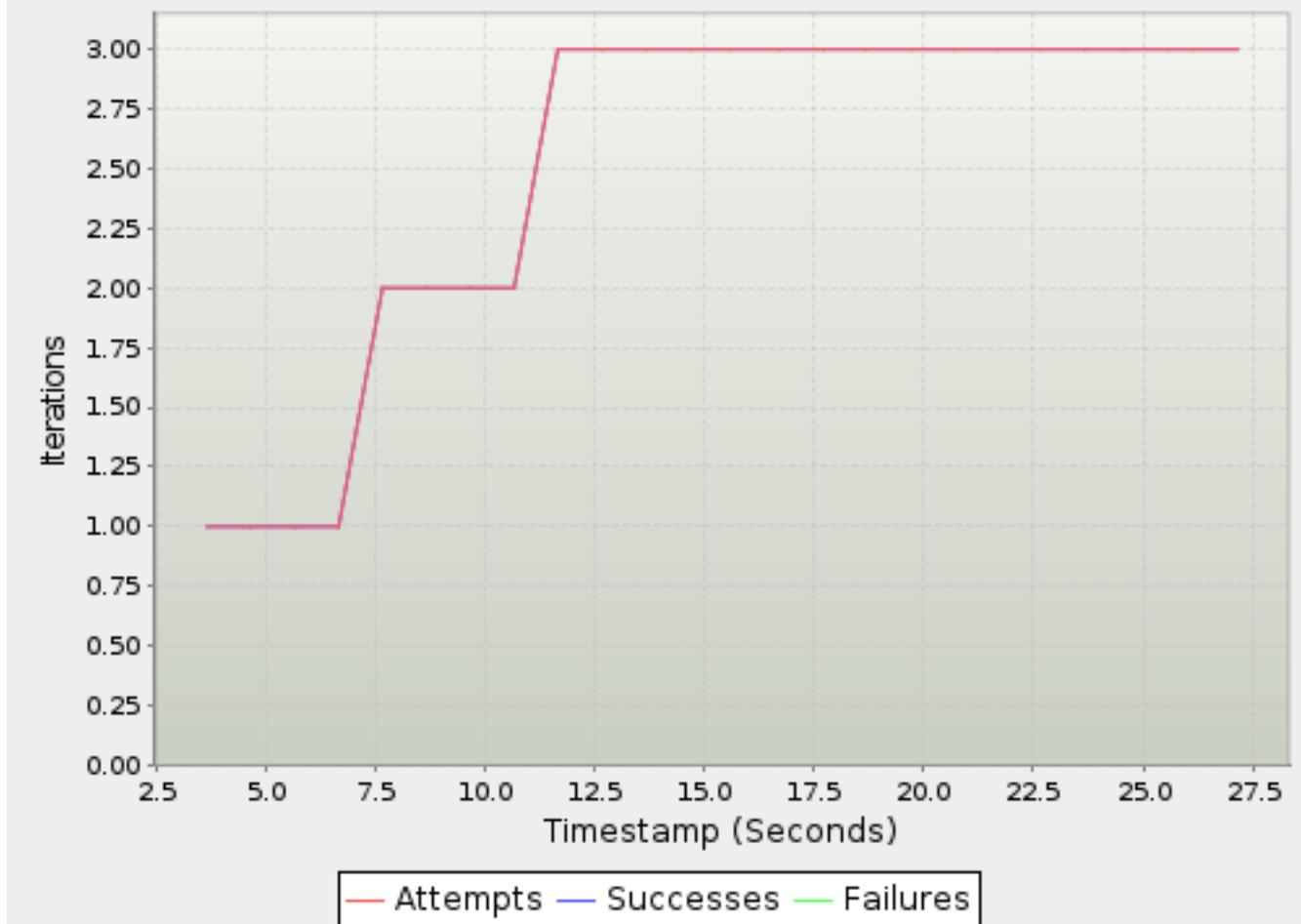
Timestamp Seconds	Attempts	Successes	Failures	Iteration
0.658	0	0	0	0
1.663	0	0	0	0
2.568	0	0	0	0
3.664	1	1	0	0
4.664	1	1	0	0
5.685	1	1	0	0
6.669	1	1	0	0
7.668	2	2	0	0
8.668	2	2	0	0
9.666	2	2	0	0
10.667	2	2	0	0
11.663	2	2	0	0
12.678	2	2	0	0
13.682	2	2	0	0
14.682	2	2	0	0
15.576	2	2	0	0
16.722	2	2	0	0
17.720	2	2	0	0
18.681	2	2	0	0
19.723	2	2	0	0
20.708	2	2	0	0
21.676	2	2	0	0
22.675	2	2	0	0
23.677	2	2	0	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			<i>Iteration</i>
24.575	2	2	0
25.577	2	2	0
26.125	2	2	0
27.150	2	2	0

7.25.6.4. Superflow Iterations: BreakingPoint HTTP Text

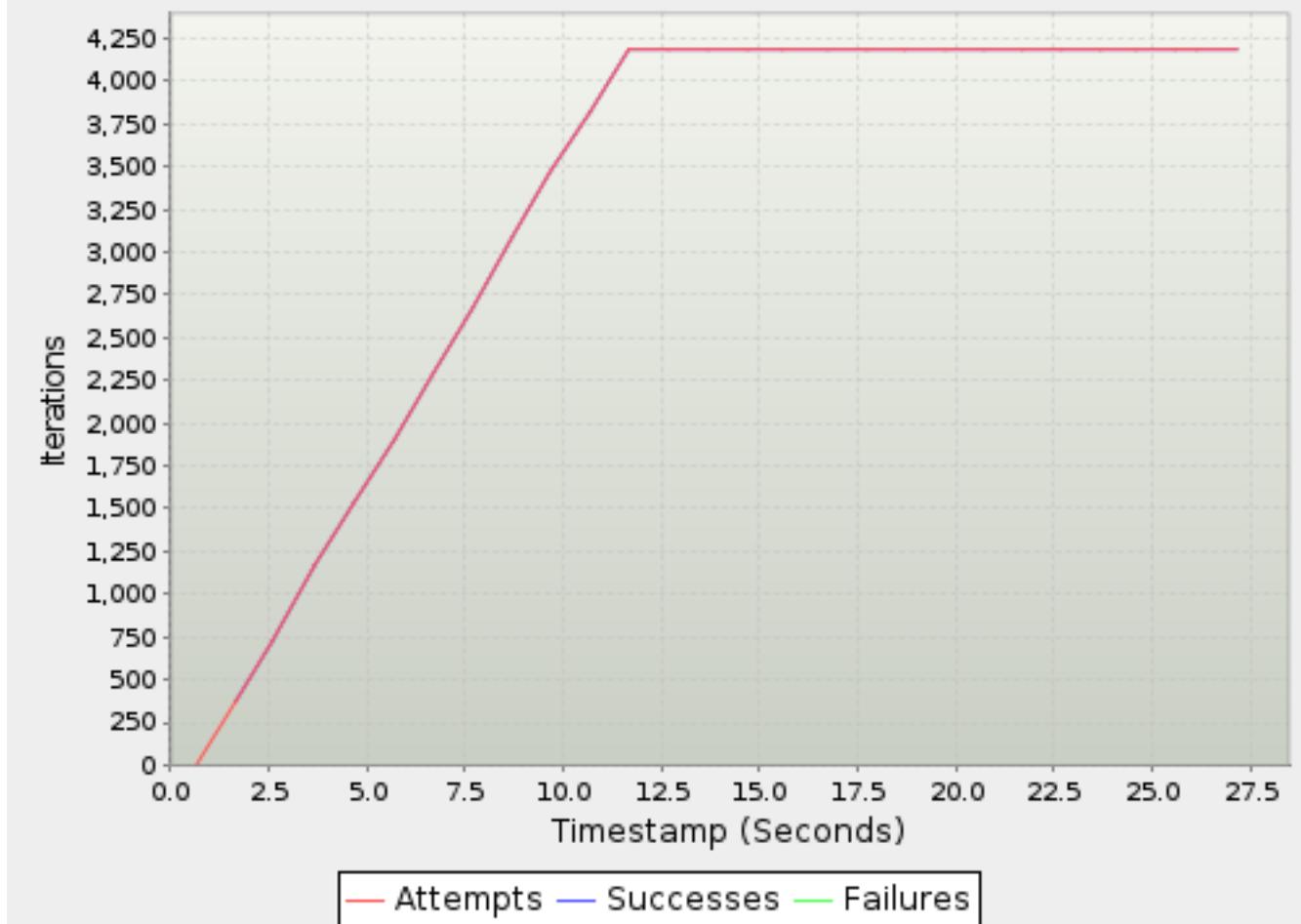
Timestamp	Attempts	Successes	Failures
Seconds			
0.658	0	0	0
1.663	21	0	0
2.568	39	0	0
3.664	68	40	0
4.664	92	68	0
5.685	111	93	0
6.669	128	111	0
7.668	154	128	0
8.668	163	154	0
9.666	181	163	0
10.667	195	181	0
11.663	228	195	0
12.678	228	228	0
13.682	228	228	0
14.682	228	228	0
15.576	228	228	0
16.722	228	228	0
17.720	228	228	0
18.681	228	228	0
19.723	228	228	0
20.708	228	228	0
21.676	228	228	0
22.675	228	228	0
23.677	228	228	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.575	228	228	0
25.577	228	228	0
26.125	228	228	0
27.150	228	228	0

7.25.6.5. Superflow Iterations: BreakingPoint HTTP Video**7.25.6.5 : Superflow Iterations: BreakingPoint HTTP Video**

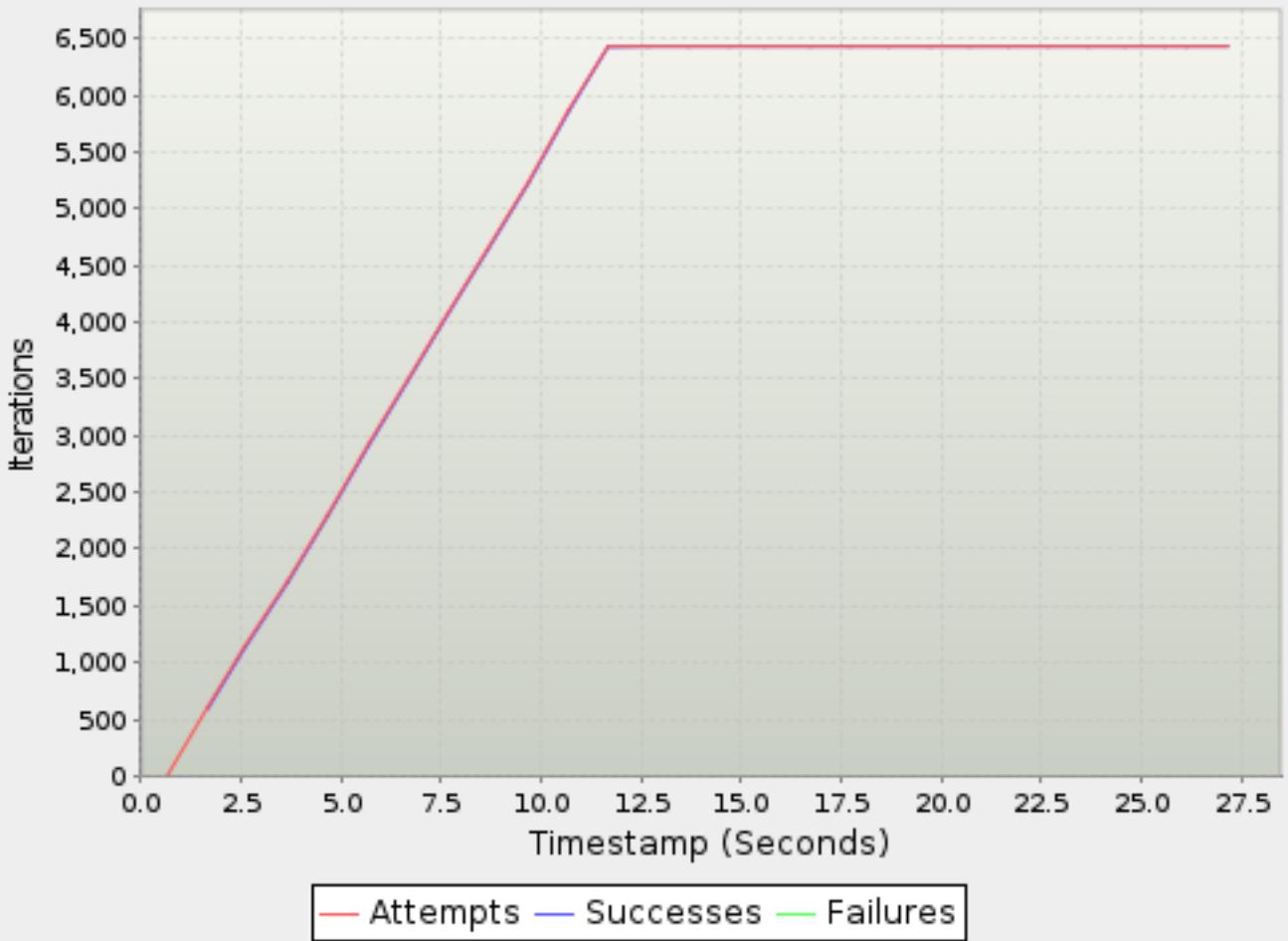
Timestamp Seconds	Attempts	Successes	Failures
	Iteration		
0.658	0	0	0
1.663	0	0	0
2.568	0	0	0
3.664	1	1	0
4.664	1	1	0
5.685	1	1	0
6.669	1	1	0
7.668	2	2	0
8.668	2	2	0
9.666	2	2	0
10.667	2	2	0
11.663	3	3	0
12.678	3	3	0
13.682	3	3	0
14.682	3	3	0
15.576	3	3	0
16.722	3	3	0
17.720	3	3	0
18.681	3	3	0
19.723	3	3	0
20.708	3	3	0
21.676	3	3	0
22.675	3	3	0
23.677	3	3	0

Timestamp	Attempts	Successes	Failures
Seconds			<i>Iteration</i>
24.575	3	3	0
25.577	3	3	0
26.125	3	3	0
27.150	3	3	0

7.25.6.6. Superflow Iterations: BreakingPoint Raw**7.25.6.6 : Superflow Iterations: BreakingPoint Raw**

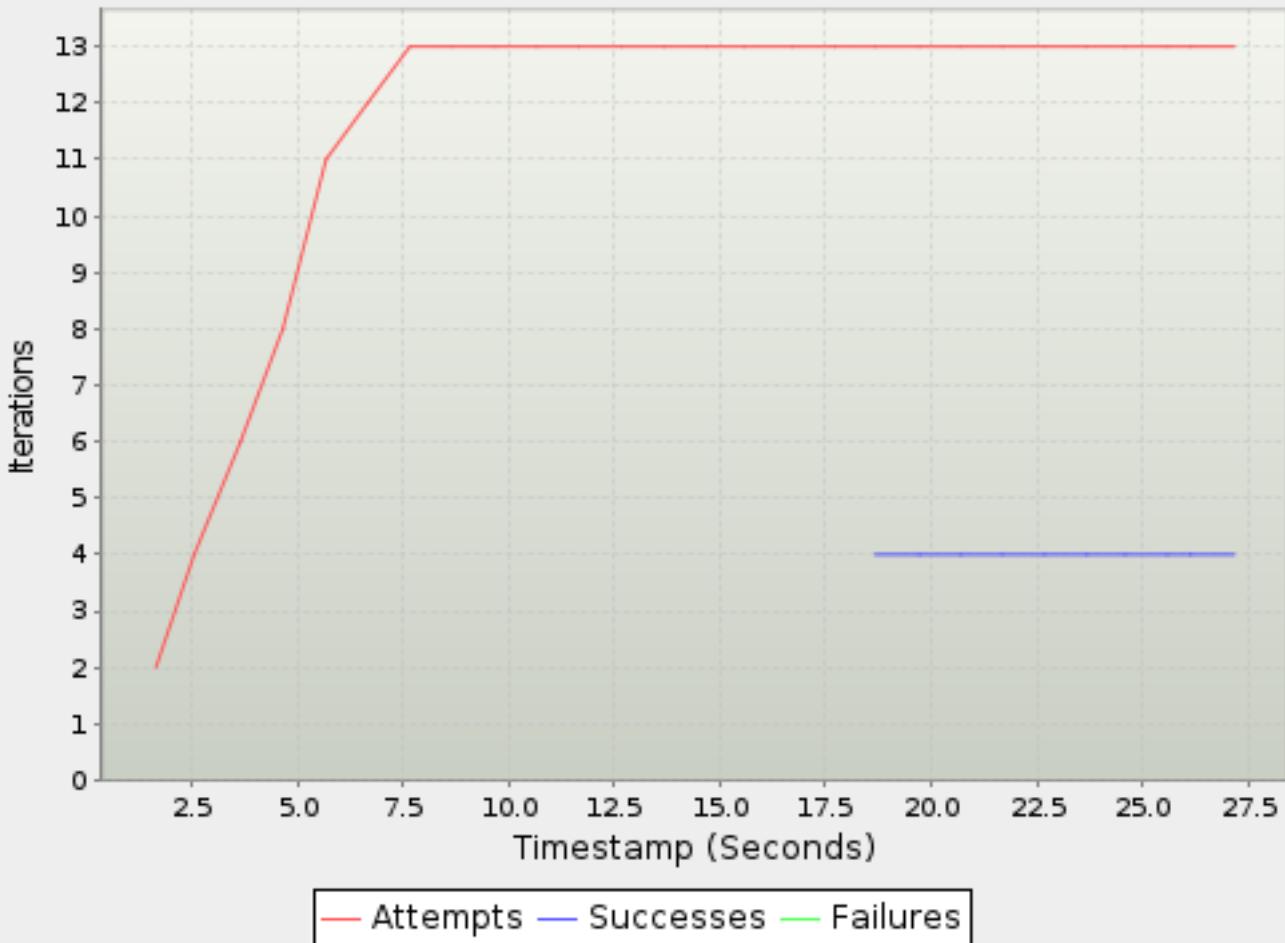
Timestamp Seconds	Attempts	Successes		Failures
		Iteration	Iteration	
0.658	5	0	0	0
1.663	378	378	0	0
2.568	720	719	0	0
3.664	1,171	1,170	0	0
4.664	1,536	1,536	0	0
5.685	1,901	1,901	0	0
6.669	2,287	2,287	0	0
7.668	2,667	2,667	0	0
8.668	3,079	3,079	0	0
9.666	3,474	3,474	0	0
10.667	3,817	3,817	0	0
11.663	4,187	4,187	0	0
12.678	4,187	4,187	0	0
13.682	4,187	4,187	0	0
14.682	4,187	4,187	0	0
15.576	4,187	4,187	0	0
16.722	4,187	4,187	0	0
17.720	4,187	4,187	0	0
18.681	4,187	4,187	0	0
19.723	4,187	4,187	0	0
20.708	4,187	4,187	0	0
21.676	4,187	4,187	0	0
22.675	4,187	4,187	0	0
23.677	4,187	4,187	0	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.575	4,187	4,187	0
25.577	4,187	4,187	0
26.125	4,187	4,187	0
27.150	4,187	4,187	0

7.25.6.7. Superflow Iterations: BreakingPoint SAP**7.25.6.7 : Superflow Iterations: BreakingPoint SAP**

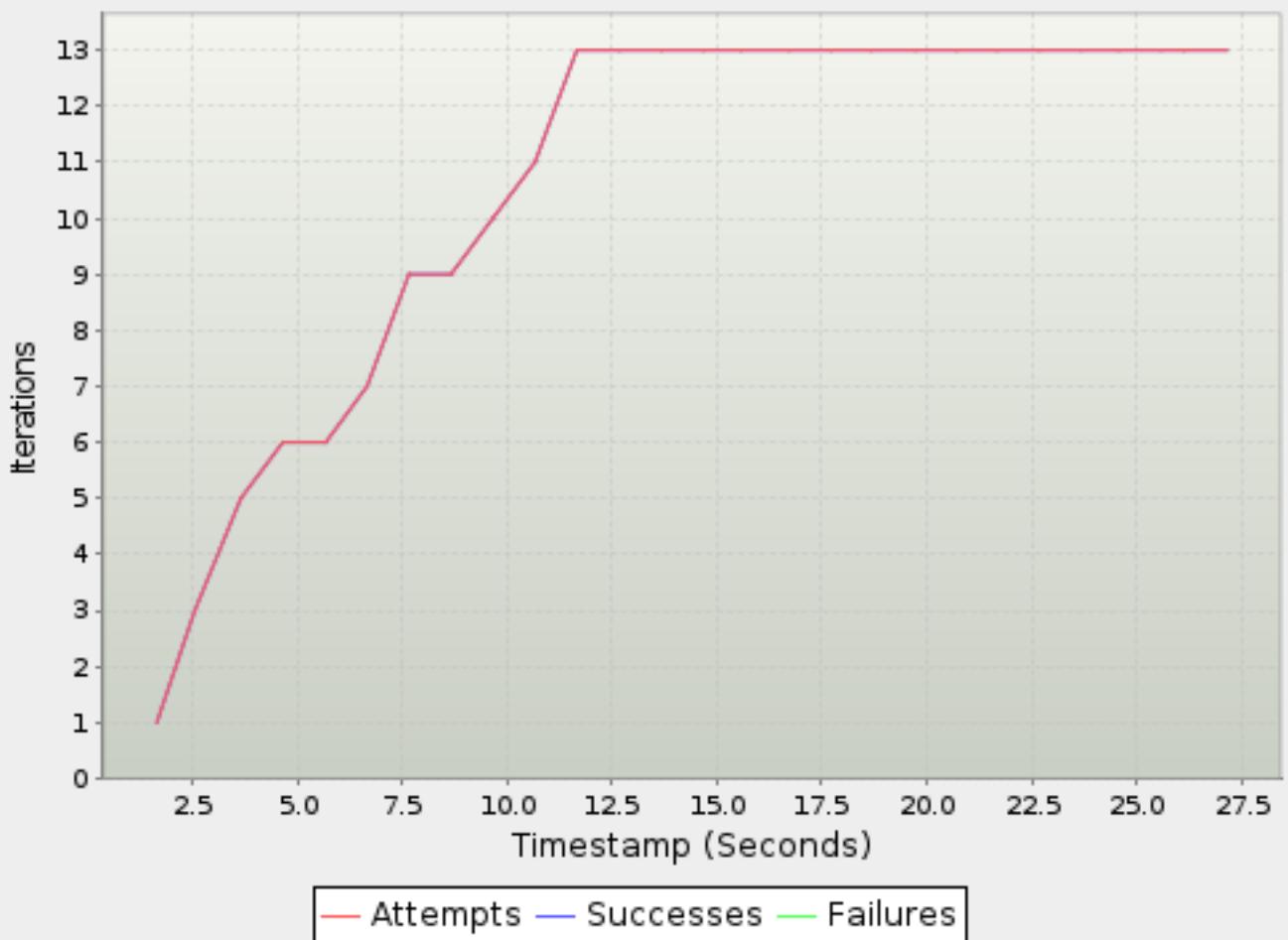
Timestamp Seconds	Attempts	Successes	Failures
		Iteration	
0.658	10	0	0
1.663	612	593	0
2.568	1,139	1,119	0
3.664	1,726	1,708	0
4.664	2,309	2,293	0
5.685	2,934	2,914	0
6.669	3,504	3,486	0
7.668	4,087	4,072	0
8.668	4,658	4,641	0
9.666	5,234	5,218	0
10.667	5,868	5,848	0
11.663	6,432	6,426	0
12.678	6,432	6,432	0
13.682	6,432	6,432	0
14.682	6,432	6,432	0
15.576	6,432	6,432	0
16.722	6,432	6,432	0
17.720	6,432	6,432	0
18.681	6,432	6,432	0
19.723	6,432	6,432	0
20.708	6,432	6,432	0
21.676	6,432	6,432	0
22.675	6,432	6,432	0
23.677	6,432	6,432	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.575	6,432	6,432	0
25.577	6,432	6,432	0
26.125	6,432	6,432	0
27.150	6,432	6,432	0

7.25.6.8. Superflow Iterations: BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)**7.25.6.8 : Superflow Iterations: BreakingPoint SIP/RTP Direct Voice Call (TCP Transport)**

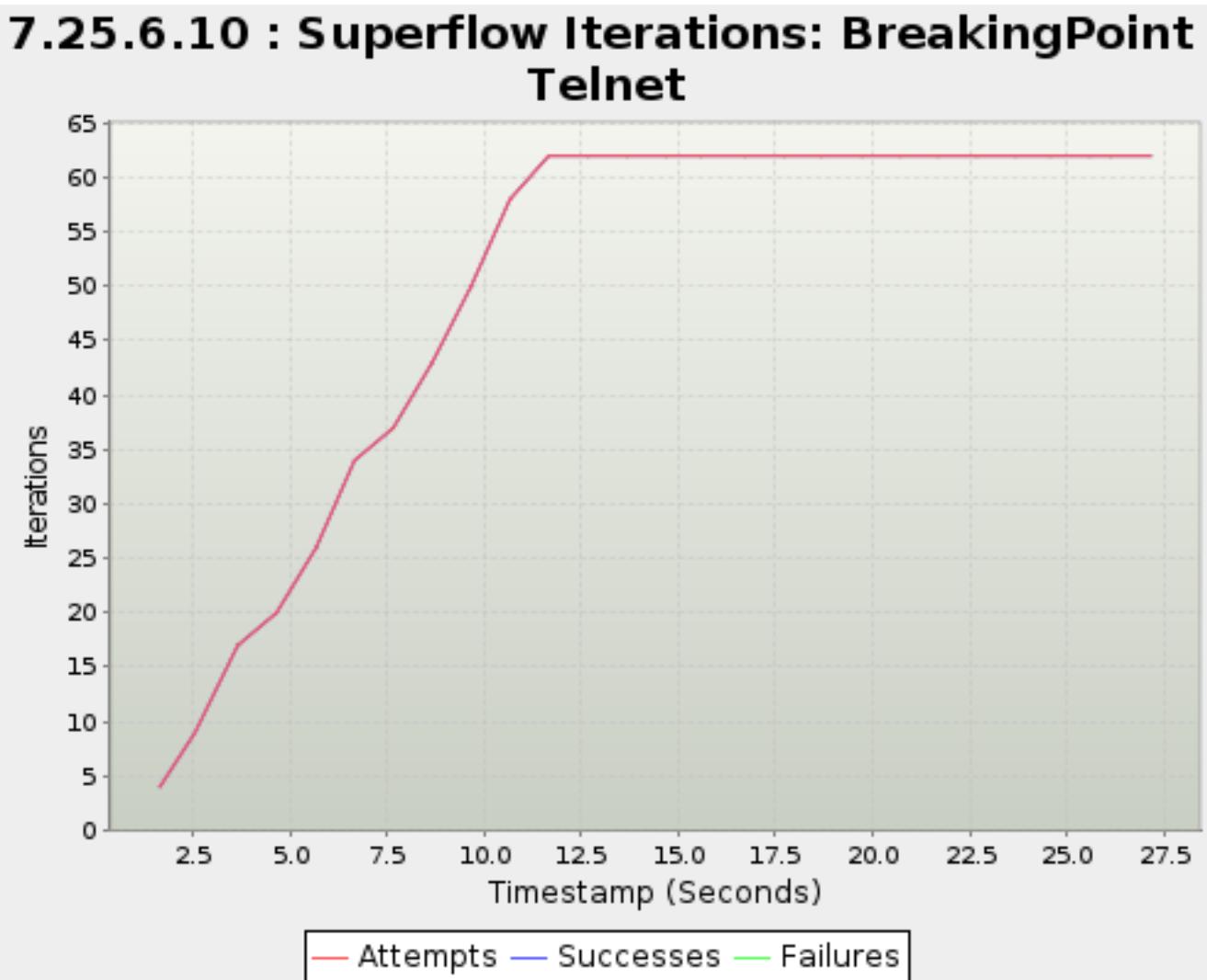
Timestamp Seconds	Attempts	Successes	Failures
0.658	0	0	0
1.663	2	0	0
2.568	4	0	0
3.664	6	0	0
4.664	8	0	0
5.685	11	0	0
6.669	12	0	0
7.668	13	0	0
8.668	13	0	0
9.666	13	0	0
10.667	13	0	0
11.663	13	0	0
12.678	13	0	0
13.682	13	0	0
14.682	13	0	0
15.576	13	0	0
16.722	13	0	0
17.720	13	0	0
18.681	13	4	0
19.723	13	4	0
20.708	13	4	0
21.676	13	4	0
22.675	13	4	0
23.677	13	4	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.575	13	4	0
25.577	13	4	0
26.125	13	4	0
27.150	13	4	0

7.25.6.9. Superflow Iterations: BreakingPoint SMTP Email**7.25.6.9 : Superflow Iterations: BreakingPoint SMTP Email**

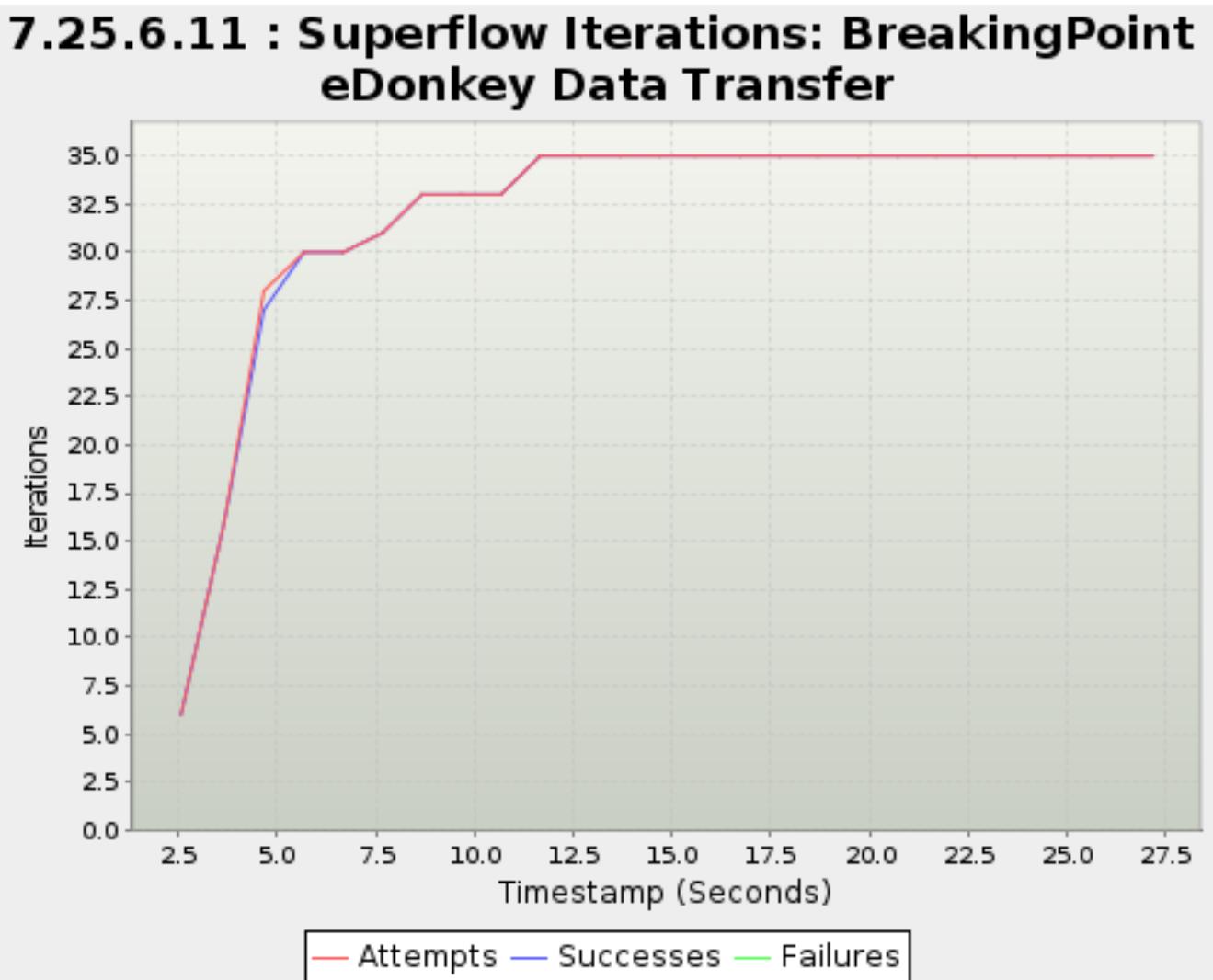
Timestamp	Attempts	Successes	Failures
Seconds			Iteration
0.658	0	0	0
1.663	1	1	0
2.568	3	3	0
3.664	5	5	0
4.664	6	6	0
5.685	6	6	0
6.669	7	7	0
7.668	9	9	0
8.668	9	9	0
9.666	10	10	0
10.667	11	11	0
11.663	13	13	0
12.678	13	13	0
13.682	13	13	0
14.682	13	13	0
15.576	13	13	0
16.722	13	13	0
17.720	13	13	0
18.681	13	13	0
19.723	13	13	0
20.708	13	13	0
21.676	13	13	0
22.675	13	13	0
23.677	13	13	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.575	13	13	0
25.577	13	13	0
26.125	13	13	0
27.150	13	13	0

7.25.6.10. Superflow Iterations: BreakingPoint Telnet

Timestamp Seconds	Attempts	Successes	Failures
	Iteration		
0.658	0	0	0
1.663	4	4	0
2.568	9	9	0
3.664	17	17	0
4.664	20	20	0
5.685	26	26	0
6.669	34	34	0
7.668	37	37	0
8.668	43	43	0
9.666	50	50	0
10.667	58	58	0
11.663	62	62	0
12.678	62	62	0
13.682	62	62	0
14.682	62	62	0
15.576	62	62	0
16.722	62	62	0
17.720	62	62	0
18.681	62	62	0
19.723	62	62	0
20.708	62	62	0
21.676	62	62	0
22.675	62	62	0
23.677	62	62	0

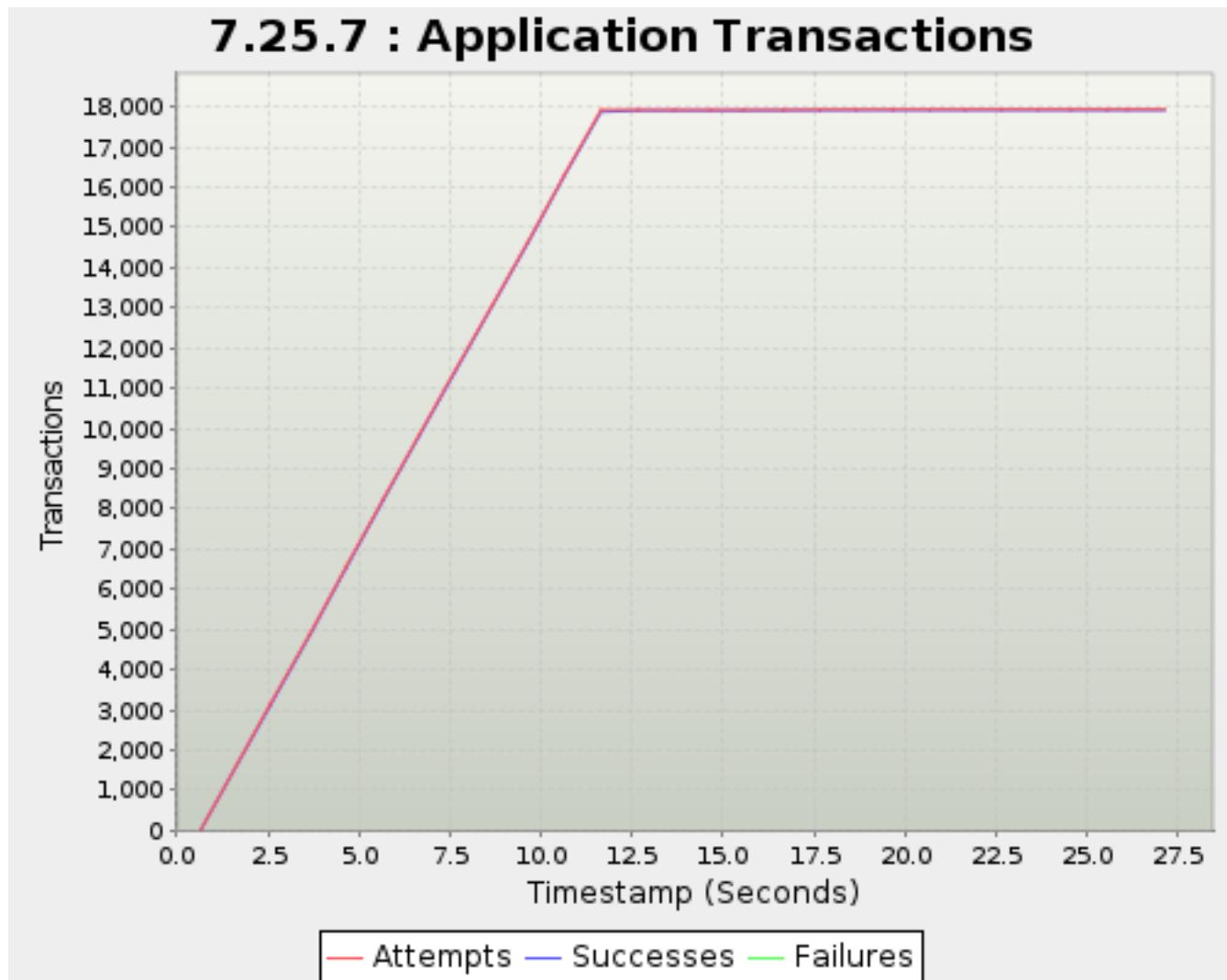
Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.575	62	62	0
25.577	62	62	0
26.125	62	62	0
27.150	62	62	0

7.25.6.11. Superflow Iterations: BreakingPoint eDonkey Data Transfer

Timestamp Seconds	Attempts	Successes	Failures
0.658	0	0	0
1.663	0	0	0
2.568	6	6	0
3.664	16	16	0
4.664	28	27	0
5.685	30	30	0
6.669	30	30	0
7.668	31	31	0
8.668	33	33	0
9.666	33	33	0
10.667	33	33	0
11.663	35	35	0
12.678	35	35	0
13.682	35	35	0
14.682	35	35	0
15.576	35	35	0
16.722	35	35	0
17.720	35	35	0
18.681	35	35	0
19.723	35	35	0
20.708	35	35	0
21.676	35	35	0
22.675	35	35	0
23.677	35	35	0

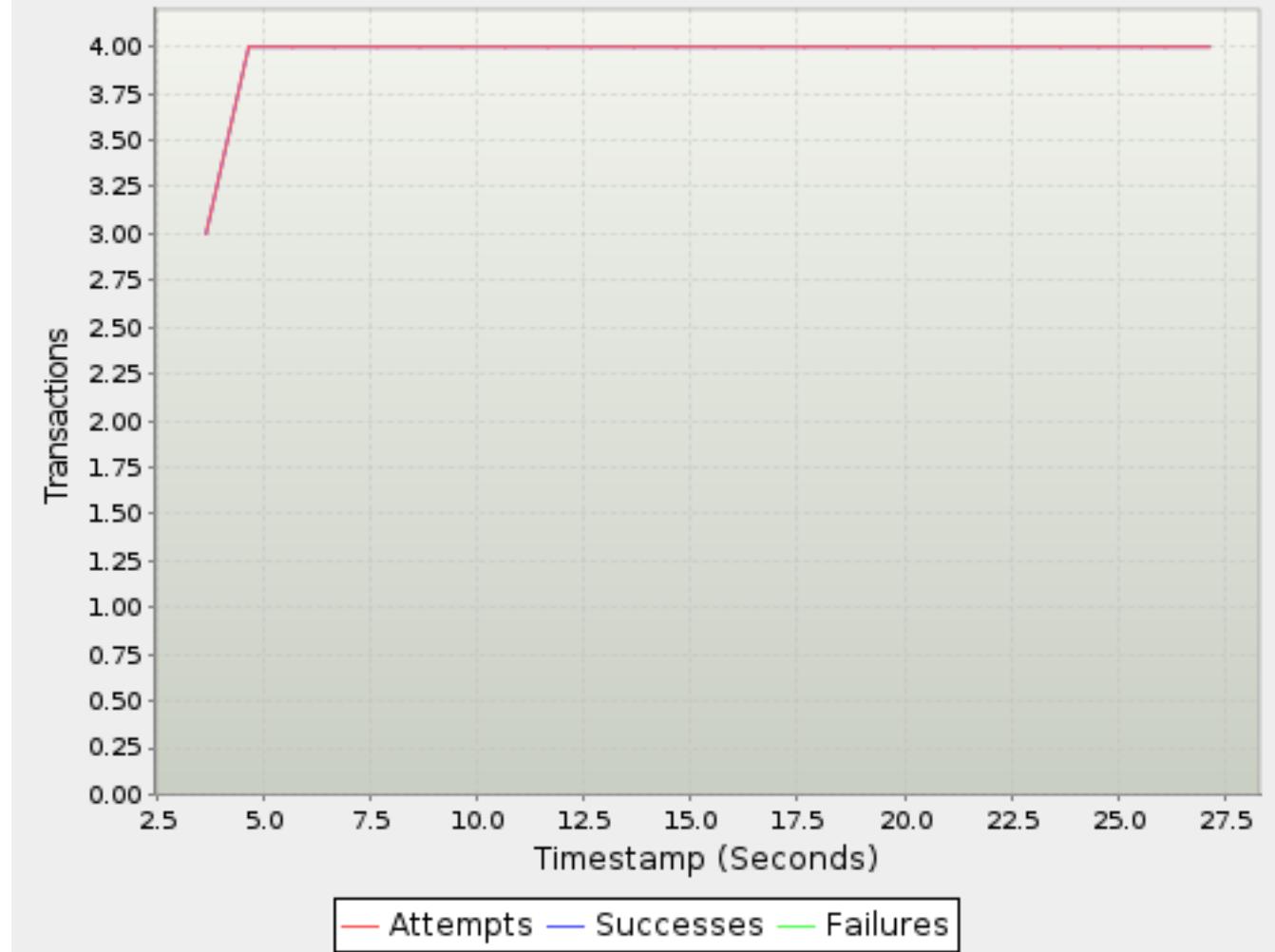
Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.575	35	35	0
25.577	35	35	0
26.125	35	35	0
27.150	35	35	0

7.25.7. Application Transactions



Timestamp	Attempts	Successes	Failures
Seconds		Transactions	
0.647	18	18	0
1.649	1,664	1,641	0
2.554	3,149	3,106	0
3.648	4,897	4,863	0
4.647	6,574	6,538	0
5.669	8,261	8,227	0
6.652	9,851	9,818	0
7.651	11,472	11,429	0
8.652	13,062	13,036	0
9.650	14,667	14,631	0
10.651	16,329	16,298	0
11.647	17,925	17,875	0
12.659	17,925	17,908	0
13.661	17,925	17,908	0
14.660	17,925	17,908	0
15.554	17,925	17,908	0
16.667	17,928	17,912	0
17.665	17,933	17,916	0
18.659	17,934	17,920	0
19.667	17,937	17,920	0
20.686	17,937	17,920	0
21.659	17,938	17,920	0
22.658	17,938	17,920	0
23.657	17,938	17,920	0

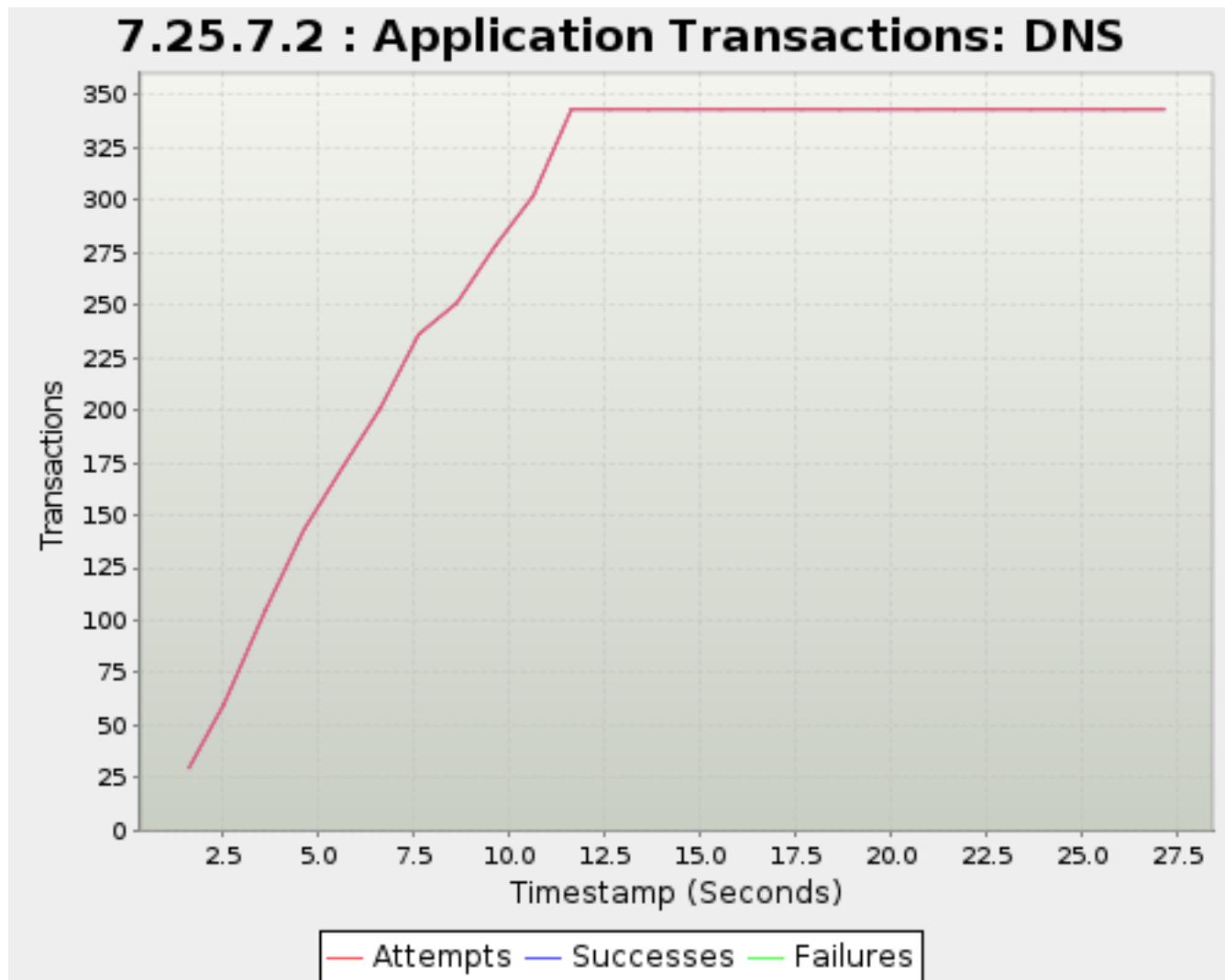
Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.553	17,938	17,920	0
25.553	17,938	17,920	0
26.108	17,938	17,920	0
27.137	17,938	17,920	0

7.25.7.1. Application Transactions: Citrix**7.25.7.1 : Application Transactions: Citrix**

Timestamp Seconds	Attempts	Successes	Failures
3.648	3	3	0
4.647	4	4	0
5.669	4	4	0
6.652	4	4	0
7.651	4	4	0
8.652	4	4	0
9.650	4	4	0
10.651	4	4	0
11.647	4	4	0
12.659	4	4	0
13.661	4	4	0
14.660	4	4	0
15.554	4	4	0
16.667	4	4	0
17.665	4	4	0
18.659	4	4	0
19.667	4	4	0
20.686	4	4	0
21.659	4	4	0
22.658	4	4	0
23.657	4	4	0
24.553	4	4	0
25.553	4	4	0
26.108	4	4	0

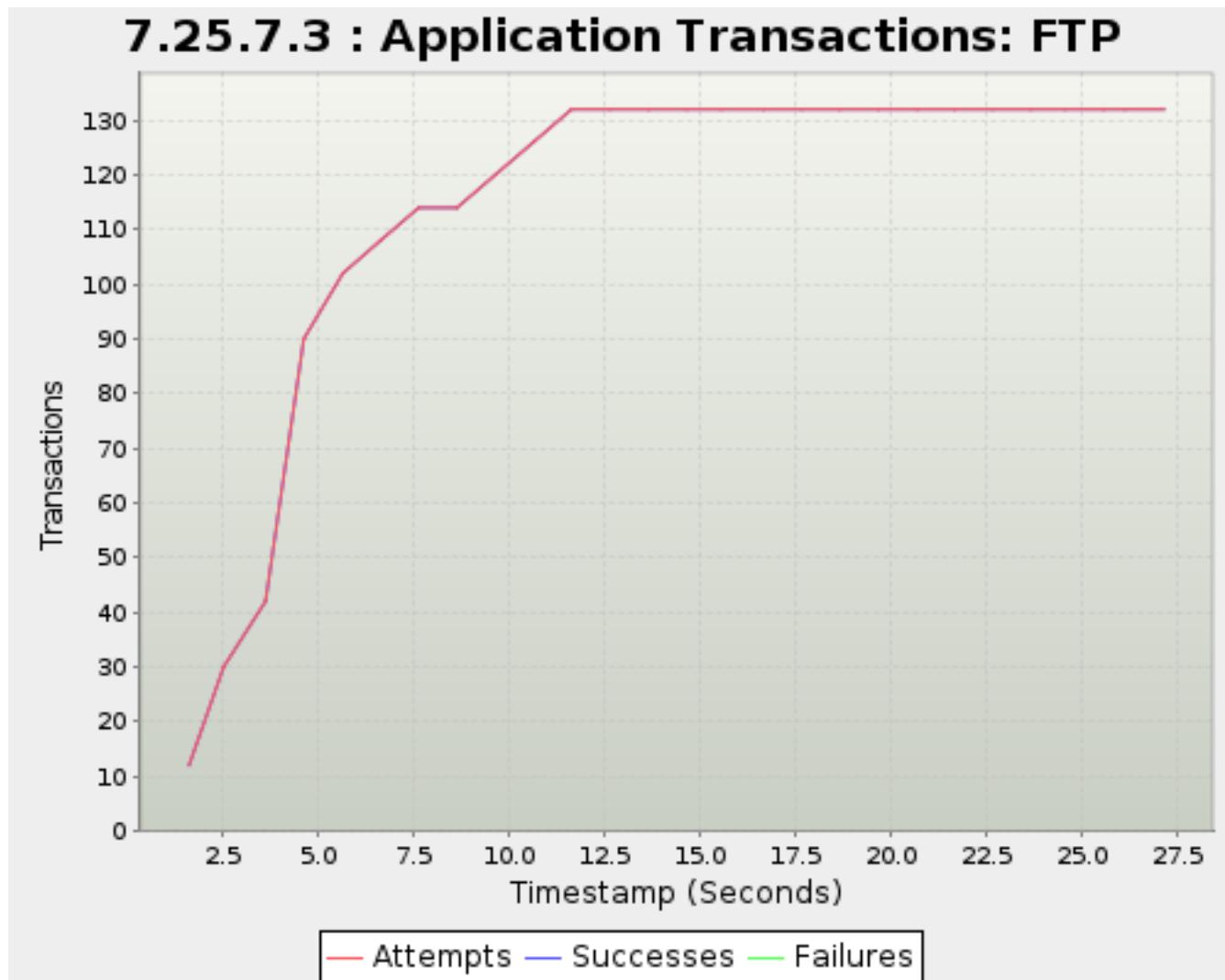
Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
27.137	4	4	0

7.25.7.2. Application Transactions: DNS



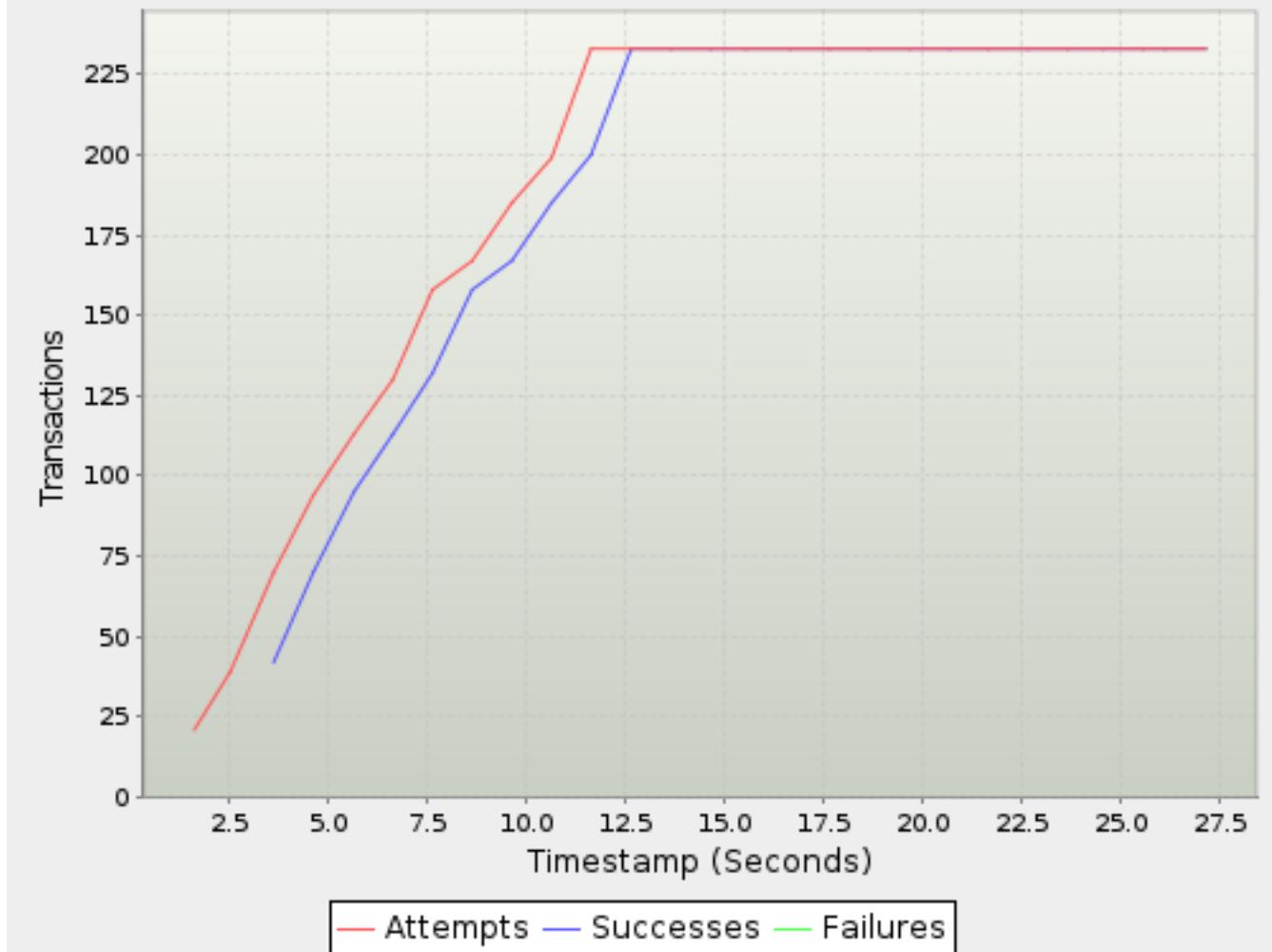
Timestamp	Attempts	Successes	Failures
1.649	30	30	0
2.554	60	60	0
3.648	105	105	0
4.647	143	143	0
5.669	173	173	0
6.652	201	201	0
7.651	236	236	0
8.652	251	251	0
9.650	278	278	0
10.651	302	302	0
11.647	343	343	0
12.659	343	343	0
13.661	343	343	0
14.660	343	343	0
15.554	343	343	0
16.667	343	343	0
17.665	343	343	0
18.659	343	343	0
19.667	343	343	0
20.686	343	343	0
21.659	343	343	0
22.658	343	343	0
23.657	343	343	0
24.553	343	343	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
25.553	343	343	0
26.108	343	343	0
27.137	343	343	0

7.25.7.3. Application Transactions: FTP

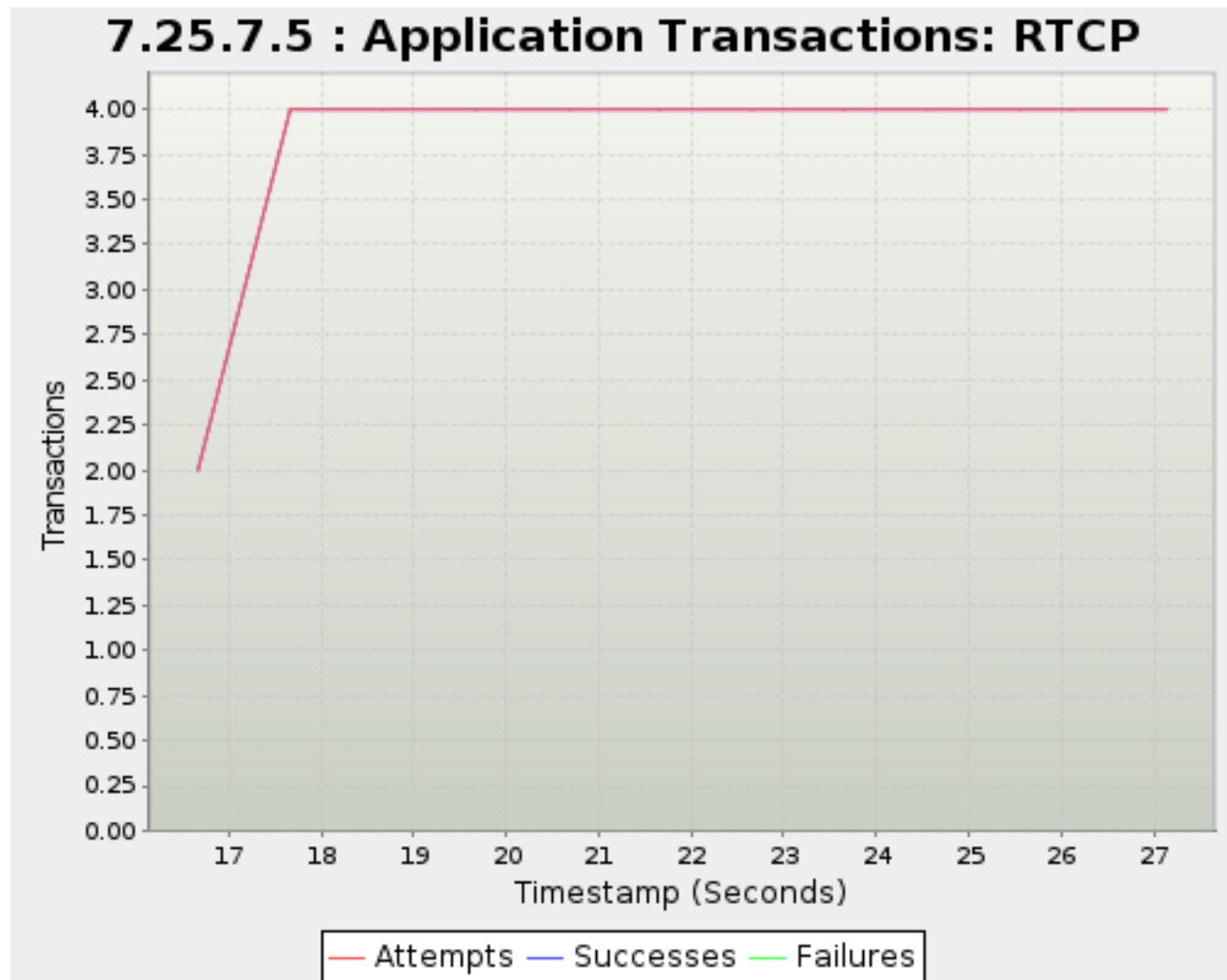
Timestamp	Attempts	Successes	Failures
Seconds		Transactions	
1.649	12	12	0
2.554	30	30	0
3.648	42	42	0
4.647	90	90	0
5.669	102	102	0
6.652	108	108	0
7.651	114	114	0
8.652	114	114	0
9.650	120	120	0
10.651	126	126	0
11.647	132	132	0
12.659	132	132	0
13.661	132	132	0
14.660	132	132	0
15.554	132	132	0
16.667	132	132	0
17.665	132	132	0
18.659	132	132	0
19.667	132	132	0
20.686	132	132	0
21.659	132	132	0
22.658	132	132	0
23.657	132	132	0
24.553	132	132	0

Timestamp <i>Seconds</i>	Attempts	Successes	Failures
25.553	132	132	0
26.108	132	132	0
27.137	132	132	0

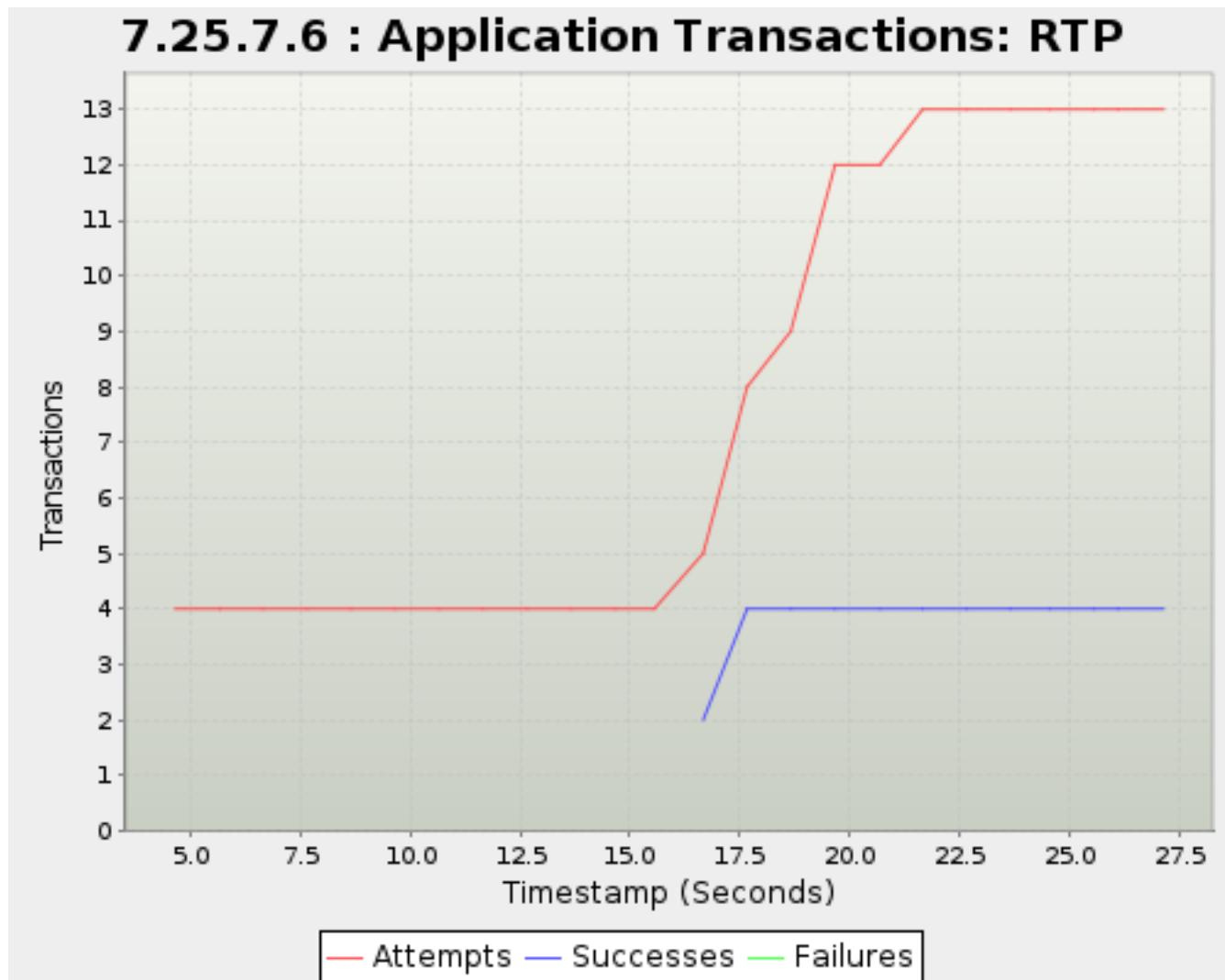
7.25.7.4. Application Transactions: HTTP**7.25.7.4 : Application Transactions: HTTP**

Timestamp	Attempts	Successes	Failures
Seconds			
1.649	21	0	0
2.554	39	0	0
3.648	70	42	0
4.647	94	70	0
5.669	113	95	0
6.652	130	113	0
7.651	158	132	0
8.652	167	158	0
9.650	185	167	0
10.651	199	185	0
11.647	233	200	0
12.659	233	233	0
13.661	233	233	0
14.660	233	233	0
15.554	233	233	0
16.667	233	233	0
17.665	233	233	0
18.659	233	233	0
19.667	233	233	0
20.686	233	233	0
21.659	233	233	0
22.658	233	233	0
23.657	233	233	0
24.553	233	233	0

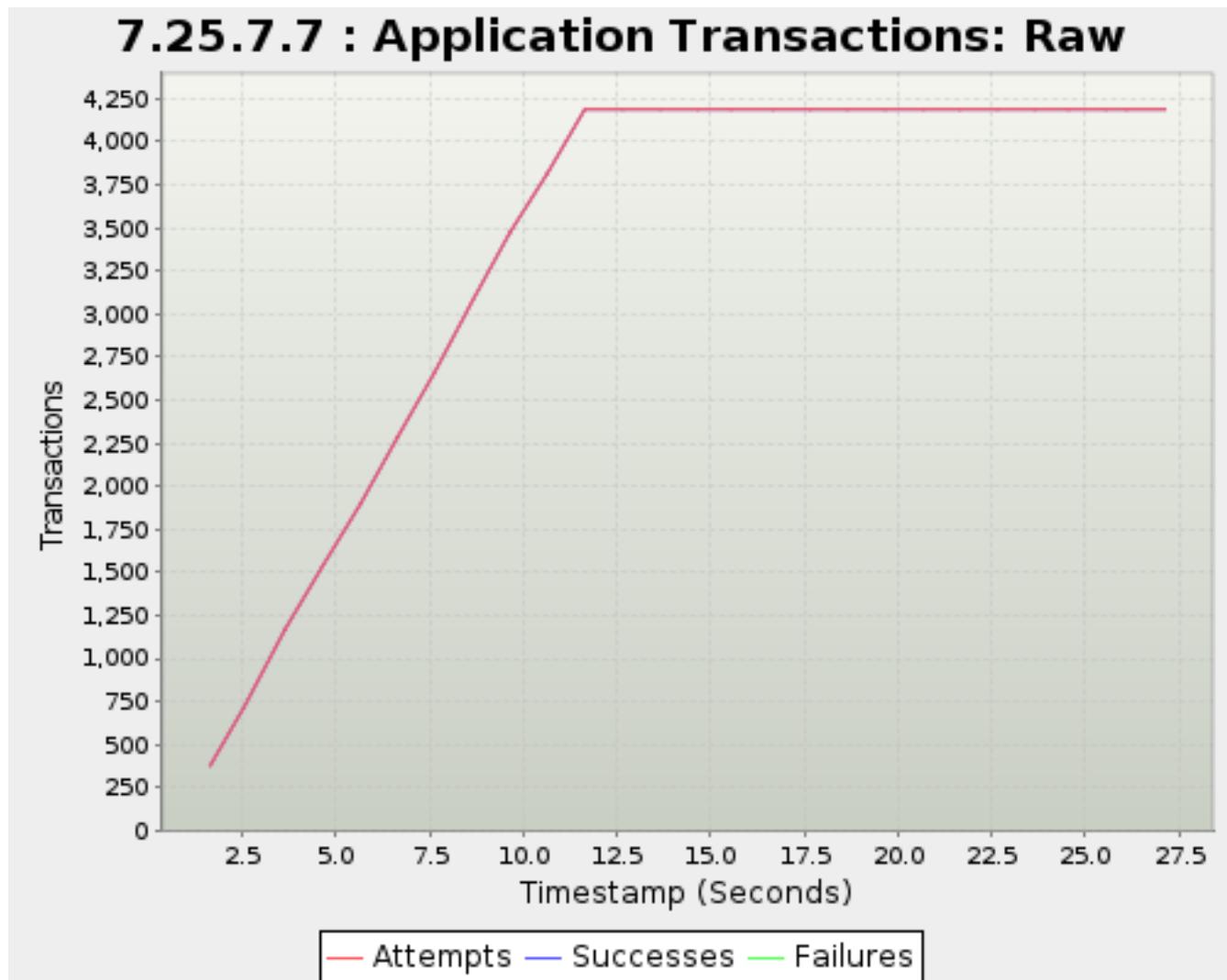
Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
25.553	233	233	0
26.108	233	233	0
27.137	233	233	0

7.25.7.5. Application Transactions: RTCP

Timestamp Seconds	Attempts	Successes	Failures
5.669	0	0	0
6.652	0	0	0
7.651	0	0	0
8.652	0	0	0
9.650	0	0	0
10.651	0	0	0
11.647	0	0	0
12.659	0	0	0
13.661	0	0	0
14.660	0	0	0
15.554	0	0	0
16.667	2	2	0
17.665	4	4	0
18.659	4	4	0
19.667	4	4	0
20.686	4	4	0
21.659	4	4	0
22.658	4	4	0
23.657	4	4	0
24.553	4	4	0
25.553	4	4	0
26.108	4	4	0
27.137	4	4	0

7.25.7.6. Application Transactions: RTP

Timestamp	Attempts	Successes	Failures
Seconds			
4.647	4	0	0
5.669	4	0	0
6.652	4	0	0
7.651	4	0	0
8.652	4	0	0
9.650	4	0	0
10.651	4	0	0
11.647	4	0	0
12.659	4	0	0
13.661	4	0	0
14.660	4	0	0
15.554	4	0	0
16.667	5	2	0
17.665	8	4	0
18.659	9	4	0
19.667	12	4	0
20.686	12	4	0
21.659	13	4	0
22.658	13	4	0
23.657	13	4	0
24.553	13	4	0
25.553	13	4	0
26.108	13	4	0
27.137	13	4	0

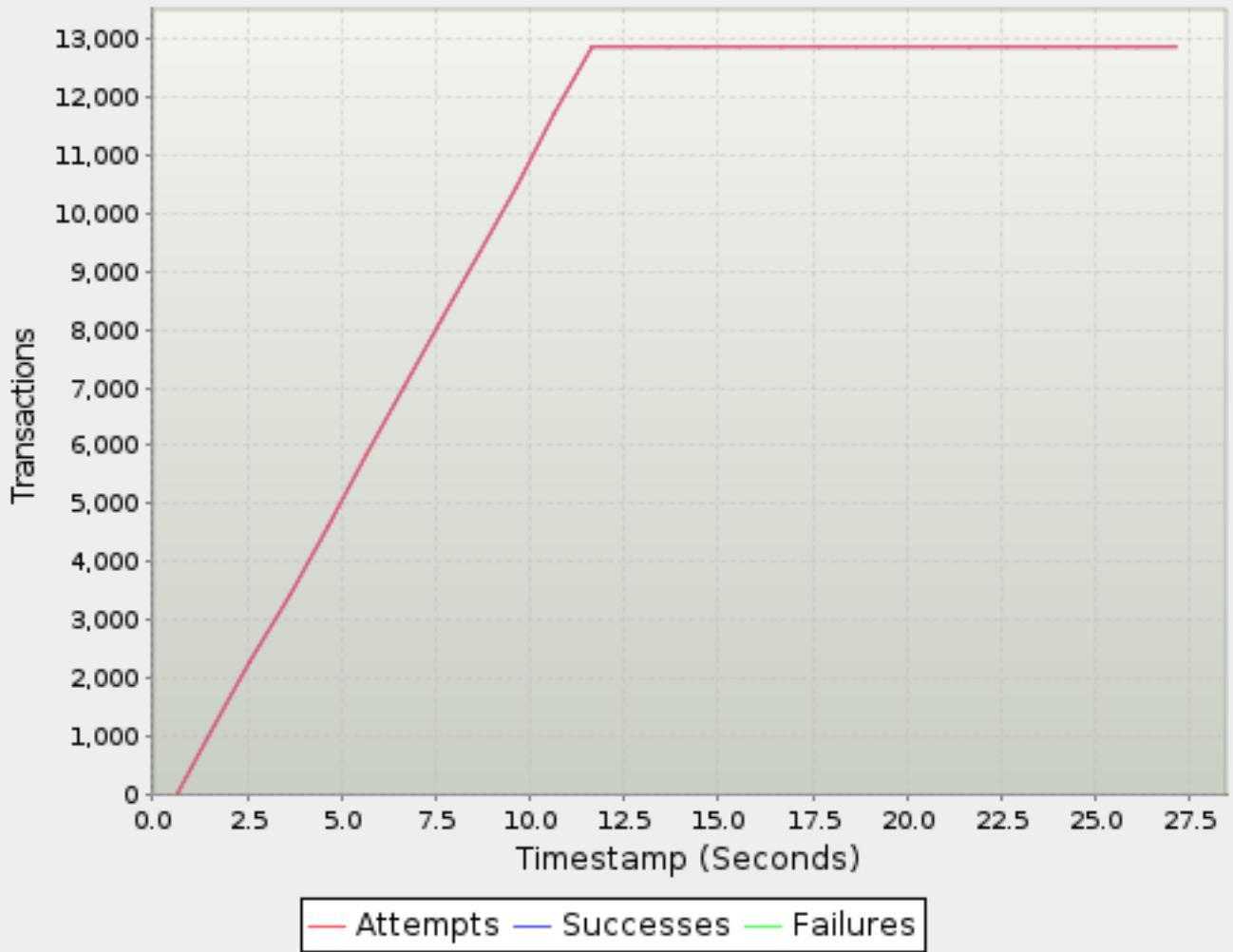
7.25.7.7. Application Transactions: Raw

Timestamp Seconds	Attempts	Successes	Failures
0.647	0	0	0
1.649	378	378	0
2.554	718	718	0
3.648	1,169	1,169	0
4.647	1,535	1,535	0
5.669	1,900	1,900	0
6.652	2,285	2,285	0
7.651	2,665	2,665	0
8.652	3,077	3,077	0
9.650	3,473	3,472	0
10.651	3,816	3,816	0
11.647	4,187	4,187	0
12.659	4,187	4,187	0
13.661	4,187	4,187	0
14.660	4,187	4,187	0
15.554	4,187	4,187	0
16.667	4,187	4,187	0
17.665	4,187	4,187	0
18.659	4,187	4,187	0
19.667	4,187	4,187	0
20.686	4,187	4,187	0
21.659	4,187	4,187	0
22.658	4,187	4,187	0
23.657	4,187	4,187	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.553	4,187	4,187	0
25.553	4,187	4,187	0
26.108	4,187	4,187	0
27.137	4,187	4,187	0

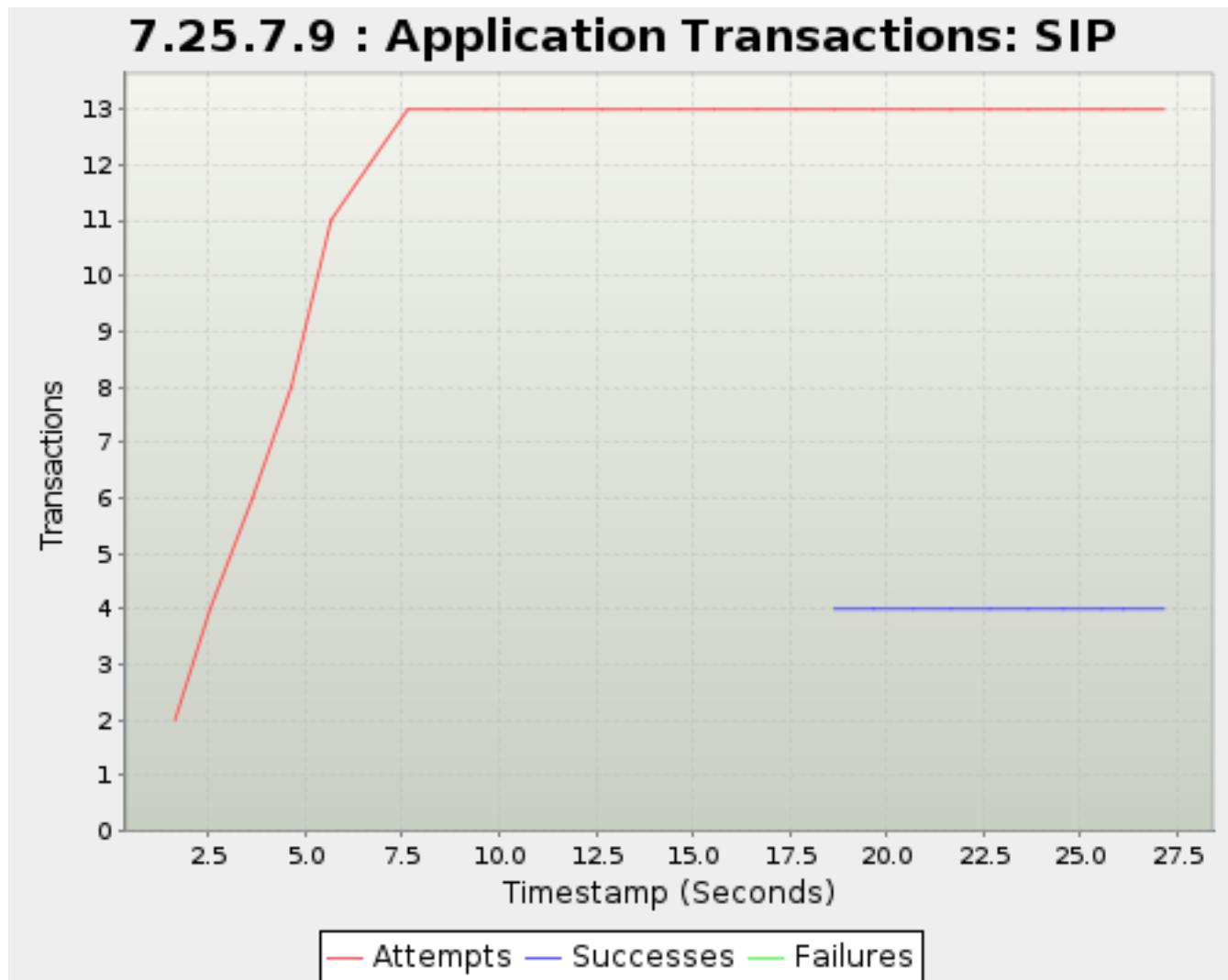
7.25.7.8. Application Transactions: SAP

7.25.7.8 : Application Transactions: SAP



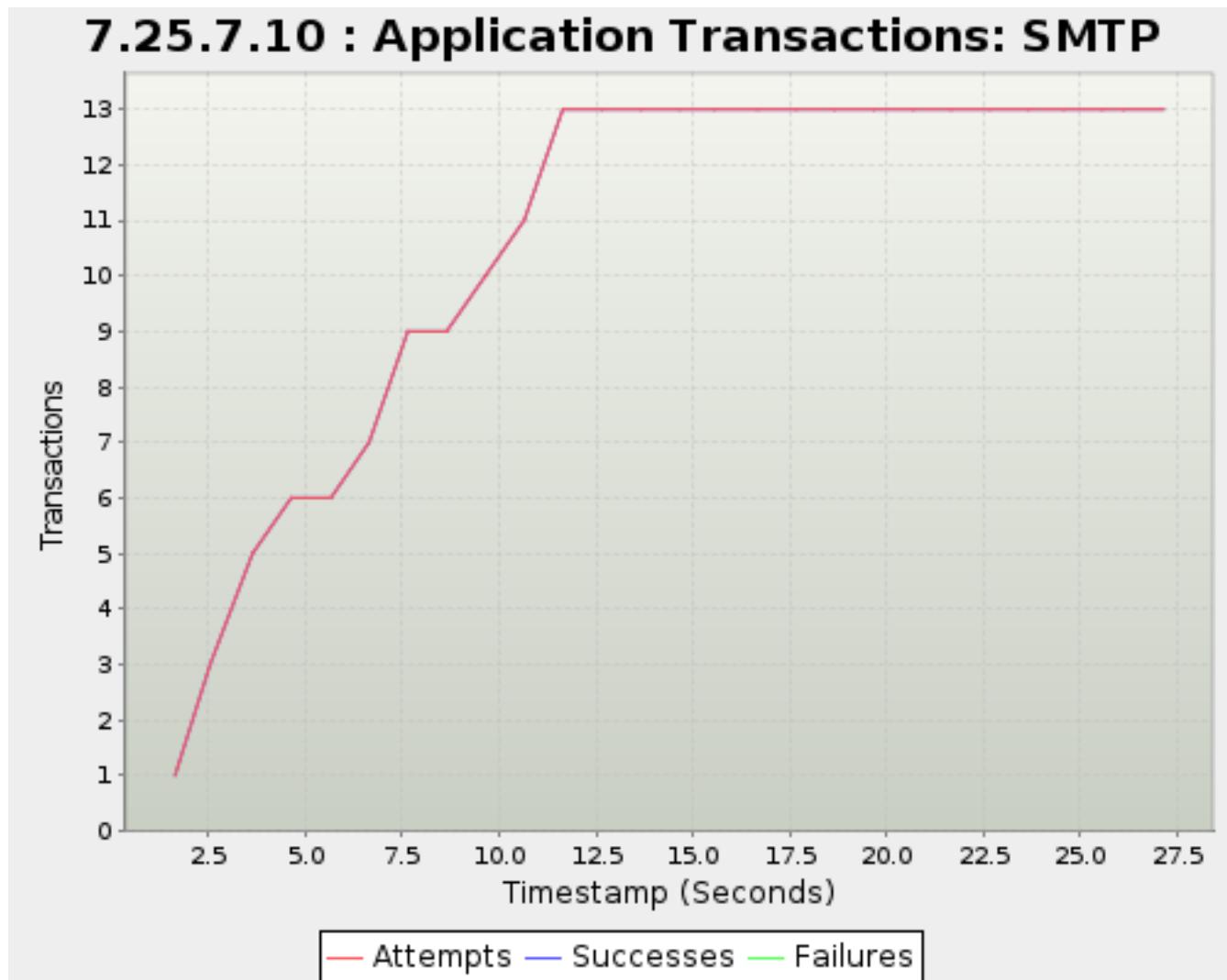
Timestamp Seconds	Attempts	Successes	Failures
0.647	18	18	0
1.649	1,216	1,216	0
2.554	2,274	2,274	0
3.648	3,448	3,448	0
4.647	4,616	4,616	0
5.669	5,862	5,862	0
6.652	7,006	7,006	0
7.651	8,170	8,170	0
8.652	9,314	9,314	0
9.650	10,464	10,464	0
10.651	11,730	11,730	0
11.647	12,864	12,864	0
12.659	12,864	12,864	0
13.661	12,864	12,864	0
14.660	12,864	12,864	0
15.554	12,864	12,864	0
16.667	12,864	12,864	0
17.665	12,864	12,864	0
18.659	12,864	12,864	0
19.667	12,864	12,864	0
20.686	12,864	12,864	0
21.659	12,864	12,864	0
22.658	12,864	12,864	0
23.657	12,864	12,864	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.553	12,864	12,864	0
25.553	12,864	12,864	0
26.108	12,864	12,864	0
27.137	12,864	12,864	0

7.25.7.9. Application Transactions: SIP

Timestamp Seconds	Attempts	Successes	Failures
1.649	2	0	0
2.554	4	0	0
3.648	6	0	0
4.647	8	0	0
5.669	11	0	0
6.652	12	0	0
7.651	13	0	0
8.652	13	0	0
9.650	13	0	0
10.651	13	0	0
11.647	13	0	0
12.659	13	0	0
13.661	13	0	0
14.660	13	0	0
15.554	13	0	0
16.667	13	0	0
17.665	13	0	0
18.659	13	4	0
19.667	13	4	0
20.686	13	4	0
21.659	13	4	0
22.658	13	4	0
23.657	13	4	0
24.553	13	4	0

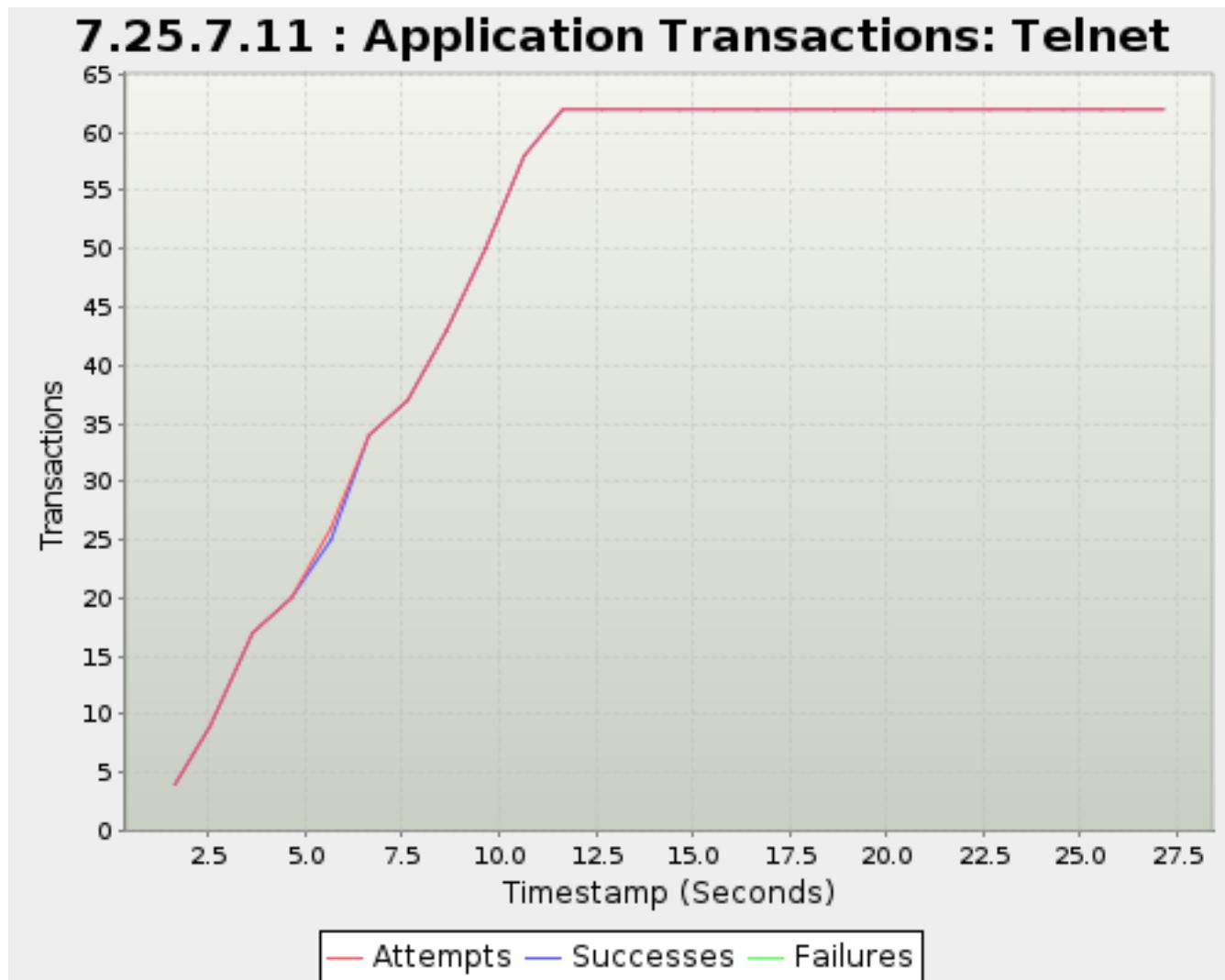
Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
25.553	13	4	0
26.108	13	4	0
27.137	13	4	0

7.25.7.10. Application Transactions: SMTP

Timestamp Seconds	Attempts	Successes	Failures
1.649	1	1	0
2.554	3	3	0
3.648	5	5	0
4.647	6	6	0
5.669	6	6	0
6.652	7	7	0
7.651	9	9	0
8.652	9	9	0
9.650	10	10	0
10.651	11	11	0
11.647	13	13	0
12.659	13	13	0
13.661	13	13	0
14.660	13	13	0
15.554	13	13	0
16.667	13	13	0
17.665	13	13	0
18.659	13	13	0
19.667	13	13	0
20.686	13	13	0
21.659	13	13	0
22.658	13	13	0
23.657	13	13	0
24.553	13	13	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
25.553	13	13	0
26.108	13	13	0
27.137	13	13	0

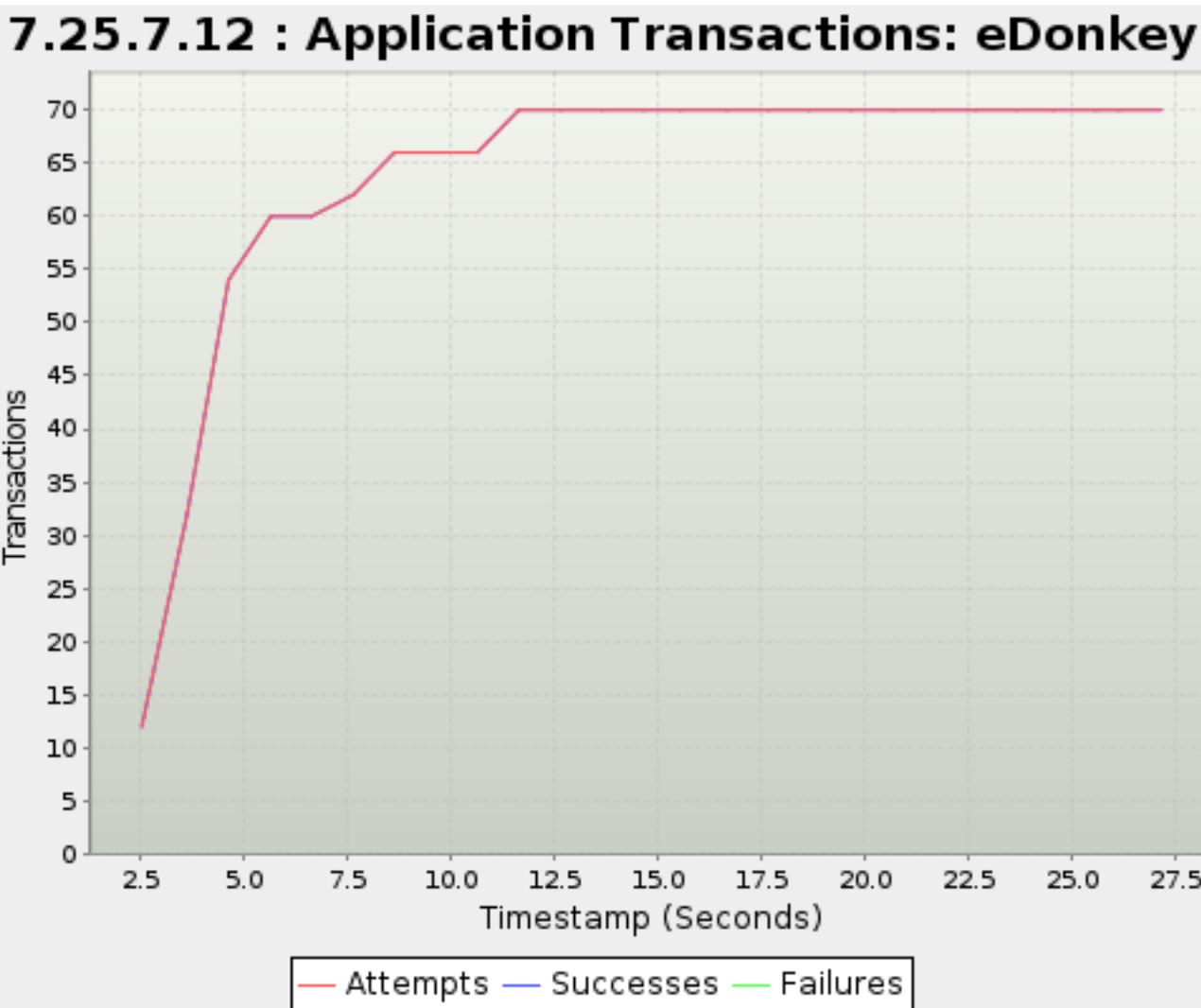
7.25.7.11. Application Transactions: Telnet



Timestamp Seconds	Attempts	Successes	Failures
1.649	4	4	0
2.554	9	9	0
3.648	17	17	0
4.647	20	20	0
5.669	26	25	0
6.652	34	34	0
7.651	37	37	0
8.652	43	43	0
9.650	50	50	0
10.651	58	58	0
11.647	62	62	0
12.659	62	62	0
13.661	62	62	0
14.660	62	62	0
15.554	62	62	0
16.667	62	62	0
17.665	62	62	0
18.659	62	62	0
19.667	62	62	0
20.686	62	62	0
21.659	62	62	0
22.658	62	62	0
23.657	62	62	0
24.553	62	62	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
25.553	62	62	0
26.108	62	62	0
27.137	62	62	0

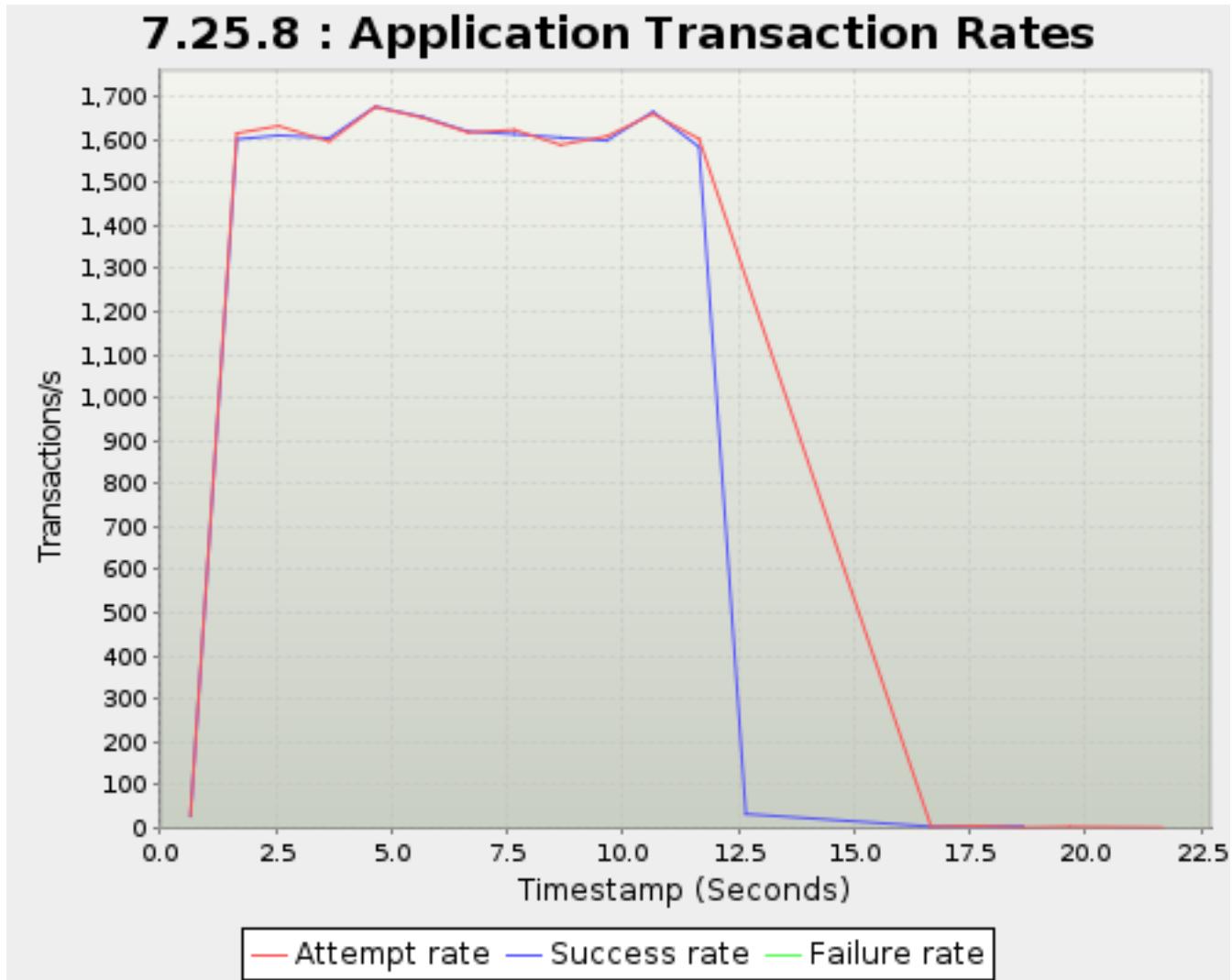
7.25.7.12. Application Transactions: eDonkey



Timestamp Seconds	Attempts	Successes	Failures
2.554	12	12	0
3.648	32	32	0
4.647	54	54	0
5.669	60	60	0
6.652	60	60	0
7.651	62	62	0
8.652	66	66	0
9.650	66	66	0
10.651	66	66	0
11.647	70	70	0
12.659	70	70	0
13.661	70	70	0
14.660	70	70	0
15.554	70	70	0
16.667	70	70	0
17.665	70	70	0
18.659	70	70	0
19.667	70	70	0
20.686	70	70	0
21.659	70	70	0
22.658	70	70	0
23.657	70	70	0
24.553	70	70	0
25.553	70	70	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
26.108	70	70	0
27.137	70	70	0

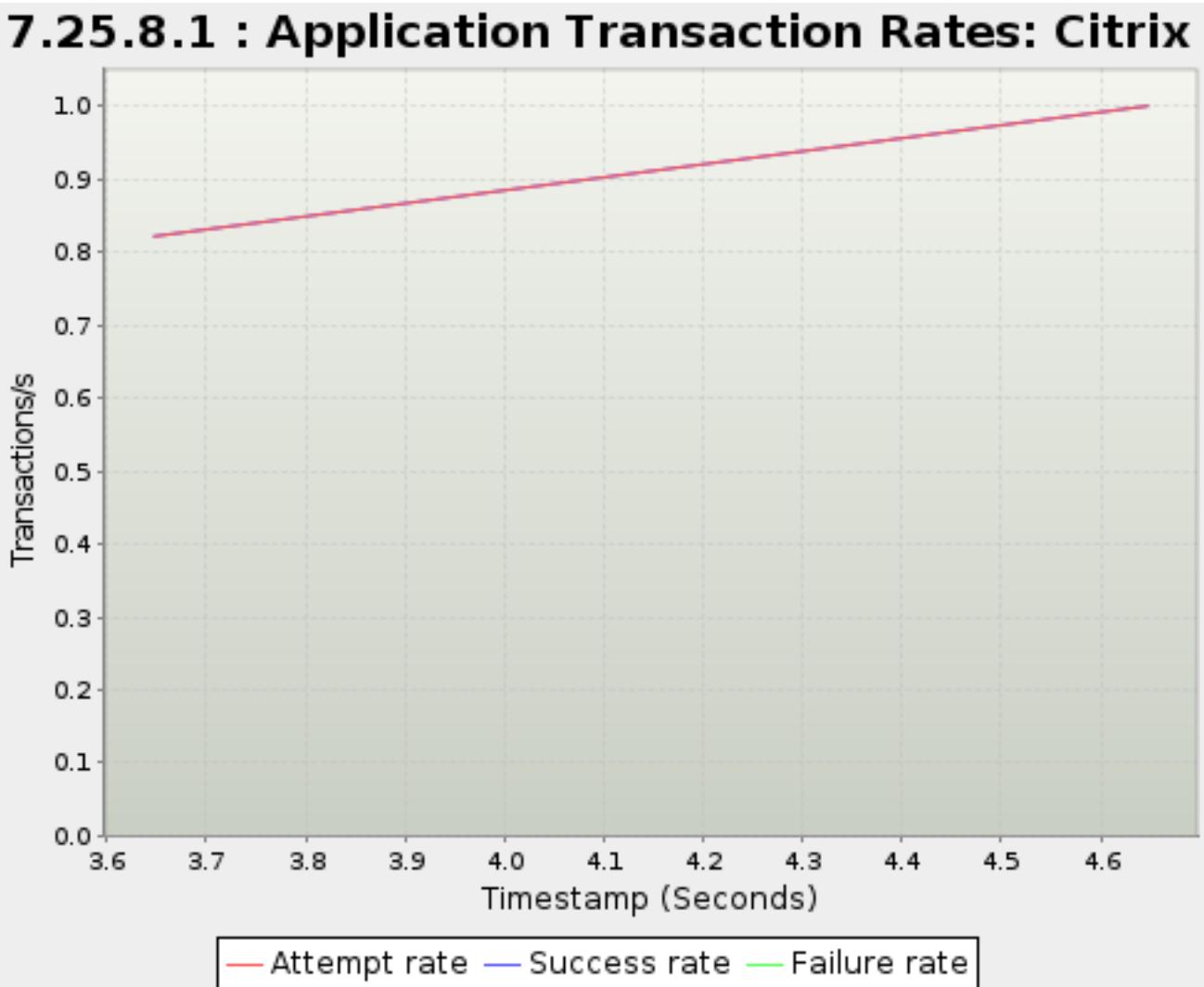
7.25.8. Application Transaction Rates



Timestamp	Attempt rate	Success rate	Failure rate
Seconds		Transactions/s	
0.647	27.82	27.82	0.00
1.649	~1615	~1601	0.00
2.554	~1632	~1610	0.00
3.648	~1596	~1604	0.00
4.647	~1676	~1677	0.00
5.669	~1651	~1653	0.00
6.652	~1617	~1619	0.00
7.651	~1623	~1613	0.00
8.652	~1588	~1605	0.00
9.650	~1608	~1598	0.00
10.651	~1660	~1665	0.00
11.647	~1602	~1583	0.00
12.659	0.00	32.61	0.00
13.661	0.00	0.00	0.00
14.660	0.00	0.00	0.00
15.554	0.00	0.00	0.00
16.667	2.695	3.594	0.00
17.665	5.010	4.008	0.00
18.659	1.006	4.024	0.00
19.667	2.976	0.00	0.00
20.686	0.00	0.00	0.00
21.659	1.028	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00

Timestamp <i>Seconds</i>	Attempt rate	Success rate <i>Transactions/s</i>	Failure rate
24.553	0.00	0.00	0.00
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

7.25.8.1. Application Transaction Rates: Citrix

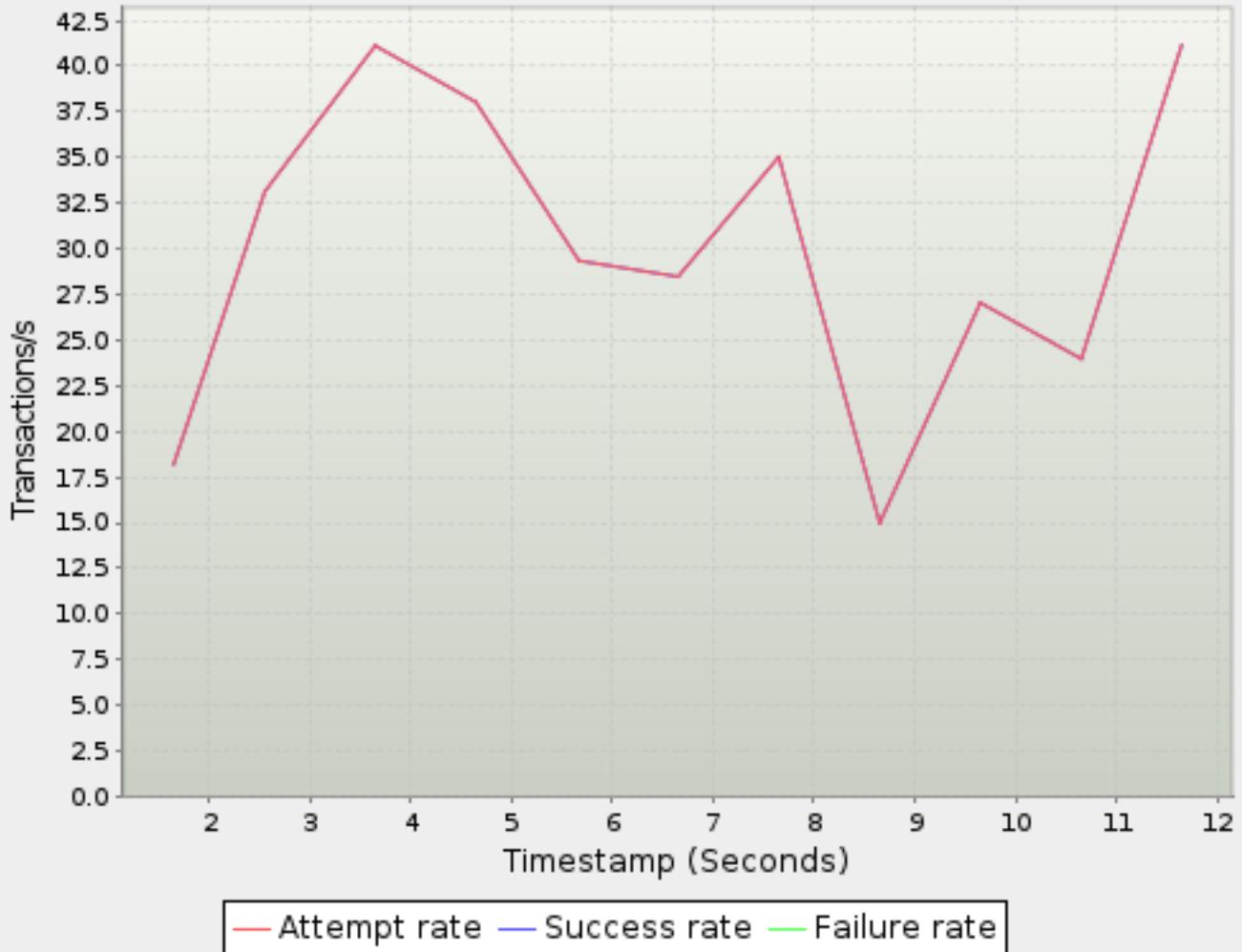


Timestamp Seconds	Attempt rate Transactions/s	Success rate Transactions/s	Failure rate Transactions/s
3.648	0.8224	0.8224	0.00
4.647	1.001	1.001	0.00
5.669	0.00	0.00	0.00
6.652	0.00	0.00	0.00
7.651	0.00	0.00	0.00
8.652	0.00	0.00	0.00
9.650	0.00	0.00	0.00
10.651	0.00	0.00	0.00
11.647	0.00	0.00	0.00
12.659	0.00	0.00	0.00
13.661	0.00	0.00	0.00
14.660	0.00	0.00	0.00
15.554	0.00	0.00	0.00
16.667	0.00	0.00	0.00
17.665	0.00	0.00	0.00
18.659	0.00	0.00	0.00
19.667	0.00	0.00	0.00
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00

Timestamp	Attempt rate	Success rate	Failure rate
<i>Seconds</i>			<i>Transactions/s</i>
27.137	0.00	0.00	0.00

7.25.8.2. Application Transaction Rates: DNS

7.25.8.2 : Application Transaction Rates: DNS

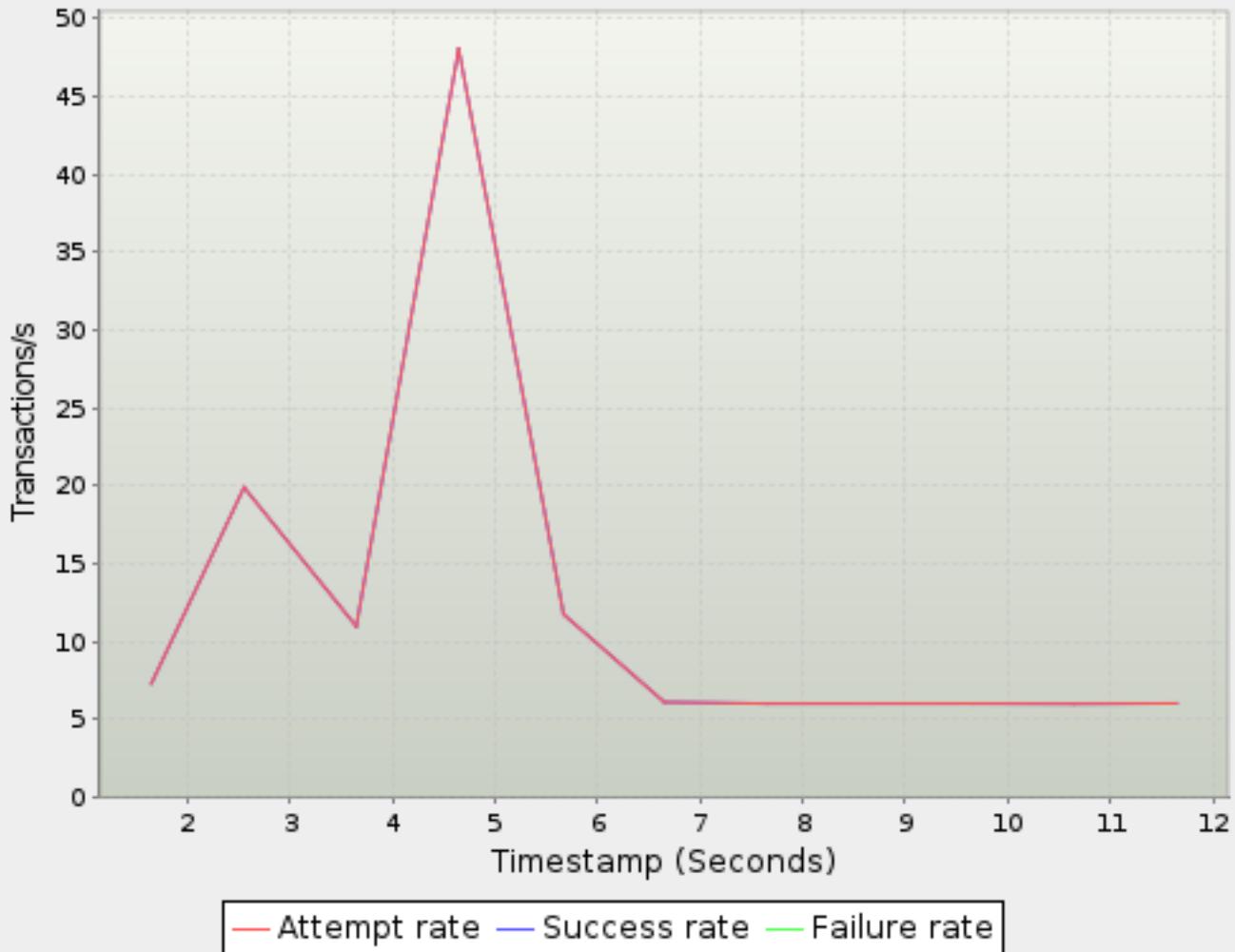


Timestamp	Attempt rate	Success rate	Failure rate
Seconds			Transactions/s
1.649	18.19	18.19	0.00
2.554	33.15	33.15	0.00
3.648	41.13	41.13	0.00
4.647	38.04	38.04	0.00
5.669	29.35	29.35	0.00
6.652	28.48	28.48	0.00
7.651	35.04	35.04	0.00
8.652	14.99	14.99	0.00
9.650	27.05	27.05	0.00
10.651	23.98	23.98	0.00
11.647	41.16	41.16	0.00
12.659	0.00	0.00	0.00
13.661	0.00	0.00	0.00
14.660	0.00	0.00	0.00
15.554	0.00	0.00	0.00
16.667	0.00	0.00	0.00
17.665	0.00	0.00	0.00
18.659	0.00	0.00	0.00
19.667	0.00	0.00	0.00
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00

Timestamp	Attempt rate	Success rate	Failure rate
<i>Seconds</i>			
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

7.25.8.3. Application Transaction Rates: FTP

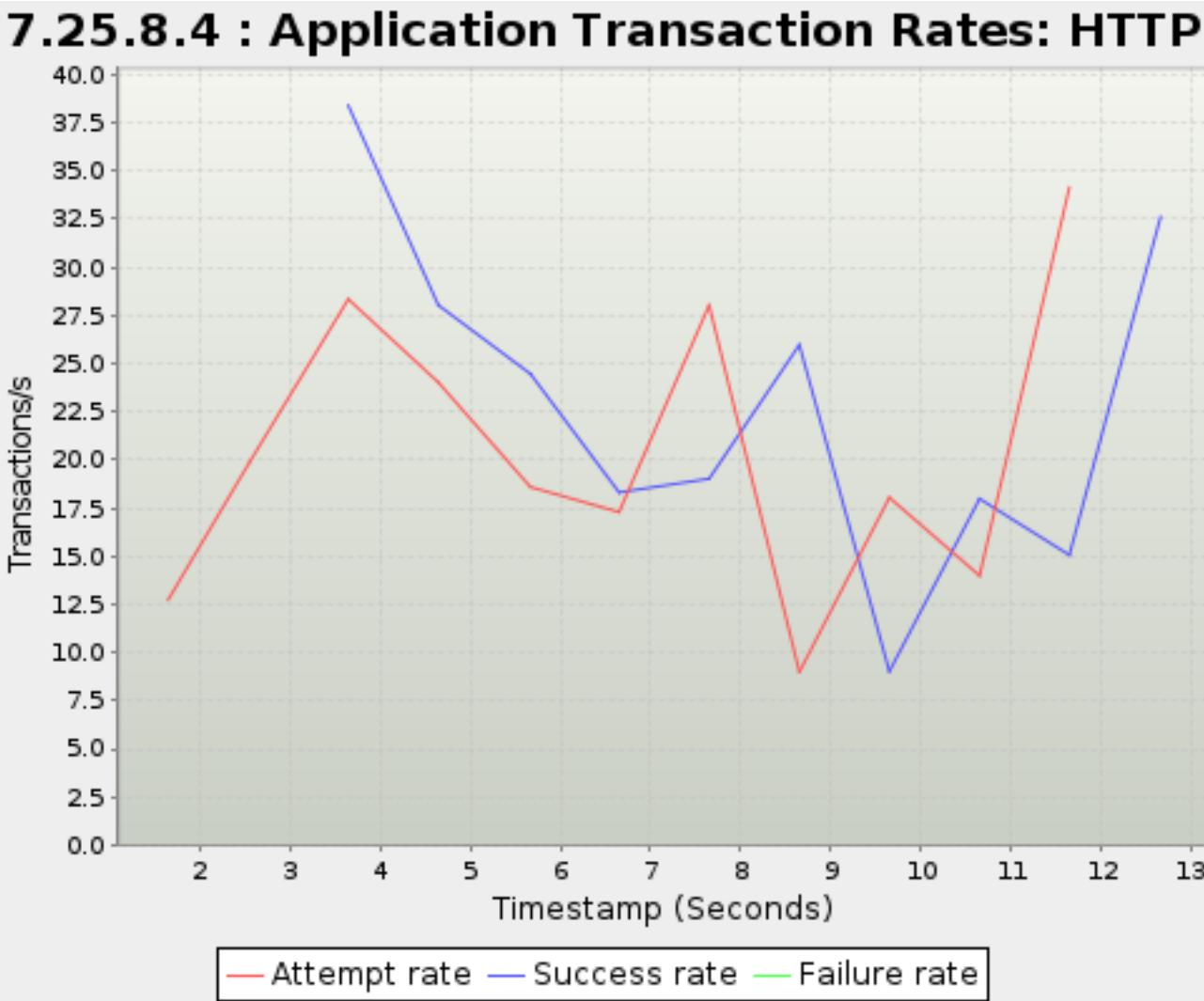
7.25.8.3 : Application Transaction Rates: FTP



Timestamp Seconds	Attempt rate Transactions/s	Success rate Transactions/s		Failure rate Transactions/s
		Success rate	Failure rate	
1.649	7.277	7.277	0.00	0.00
2.554	19.89	19.89	0.00	0.00
3.648	10.97	10.97	0.00	0.00
4.647	48.05	48.05	0.00	0.00
5.669	11.74	11.74	0.00	0.00
6.652	6.104	6.104	0.00	0.00
7.651	6.006	6.006	0.00	0.00
8.652	0.00	0.00	0.00	0.00
9.650	6.012	6.012	0.00	0.00
10.651	5.994	5.994	0.00	0.00
11.647	6.024	6.024	0.00	0.00
12.659	0.00	0.00	0.00	0.00
13.661	0.00	0.00	0.00	0.00
14.660	0.00	0.00	0.00	0.00
15.554	0.00	0.00	0.00	0.00
16.667	0.00	0.00	0.00	0.00
17.665	0.00	0.00	0.00	0.00
18.659	0.00	0.00	0.00	0.00
19.667	0.00	0.00	0.00	0.00
20.686	0.00	0.00	0.00	0.00
21.659	0.00	0.00	0.00	0.00
22.658	0.00	0.00	0.00	0.00
23.657	0.00	0.00	0.00	0.00
24.553	0.00	0.00	0.00	0.00

Timestamp	Attempt rate	Success rate	Failure rate
<i>Seconds</i>			
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

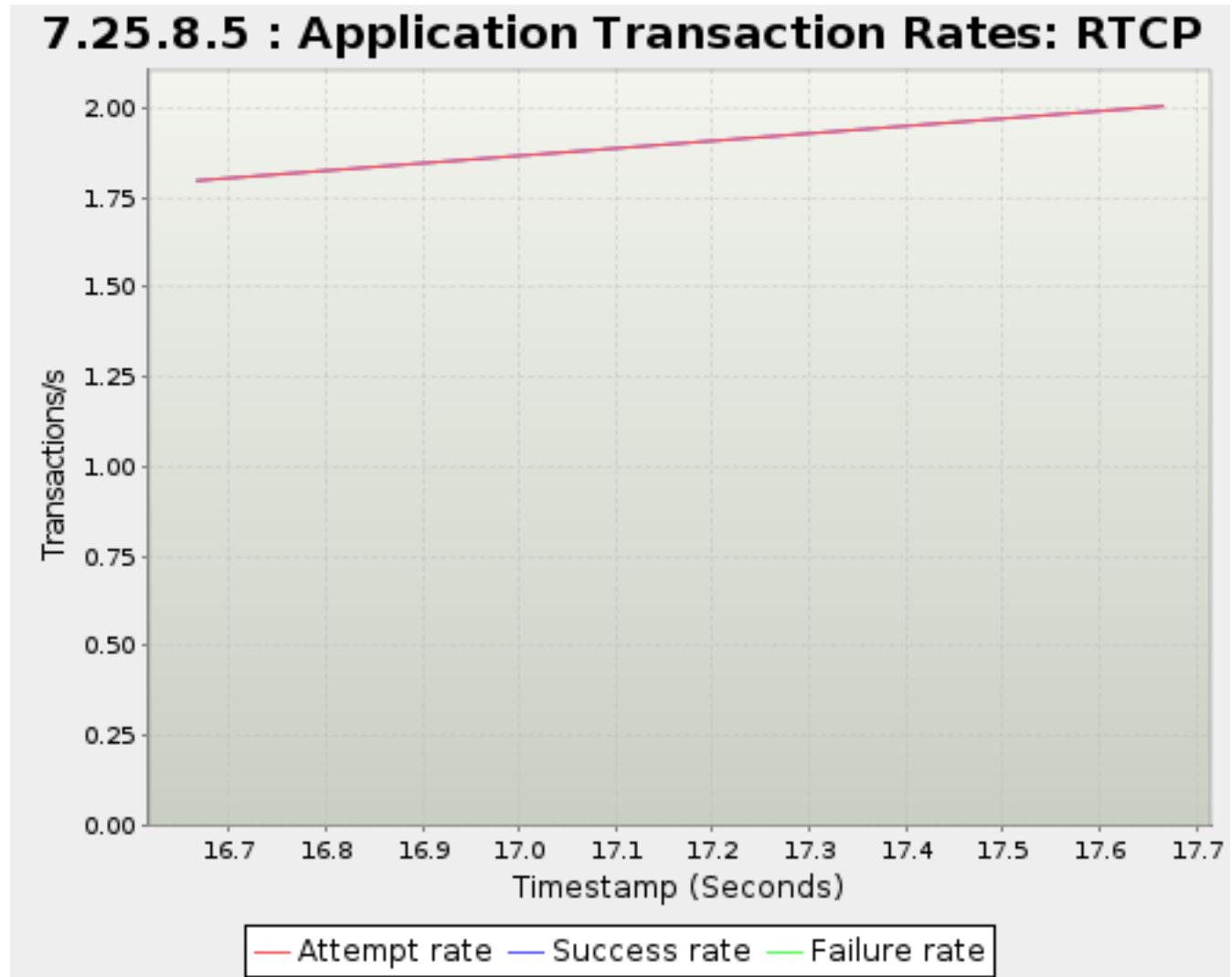
7.25.8.4. Application Transaction Rates: HTTP



Timestamp	Attempt rate	Success rate	Failure rate
Seconds	Transactions/s		
1.649	12.73	0.00	0.00
2.554	19.89	0.00	0.00
3.648	28.34	38.39	0.00
4.647	24.02	28.03	0.00
5.669	18.59	24.46	0.00
6.652	17.29	18.31	0.00
7.651	28.03	19.02	0.00
8.652	8.991	25.97	0.00
9.650	18.04	9.018	0.00
10.651	13.99	17.98	0.00
11.647	34.14	15.06	0.00
12.659	0.00	32.61	0.00
13.661	0.00	0.00	0.00
14.660	0.00	0.00	0.00
15.554	0.00	0.00	0.00
16.667	0.00	0.00	0.00
17.665	0.00	0.00	0.00
18.659	0.00	0.00	0.00
19.667	0.00	0.00	0.00
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00

Timestamp	Attempt rate	Success rate	Failure rate
<i>Seconds</i>			
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

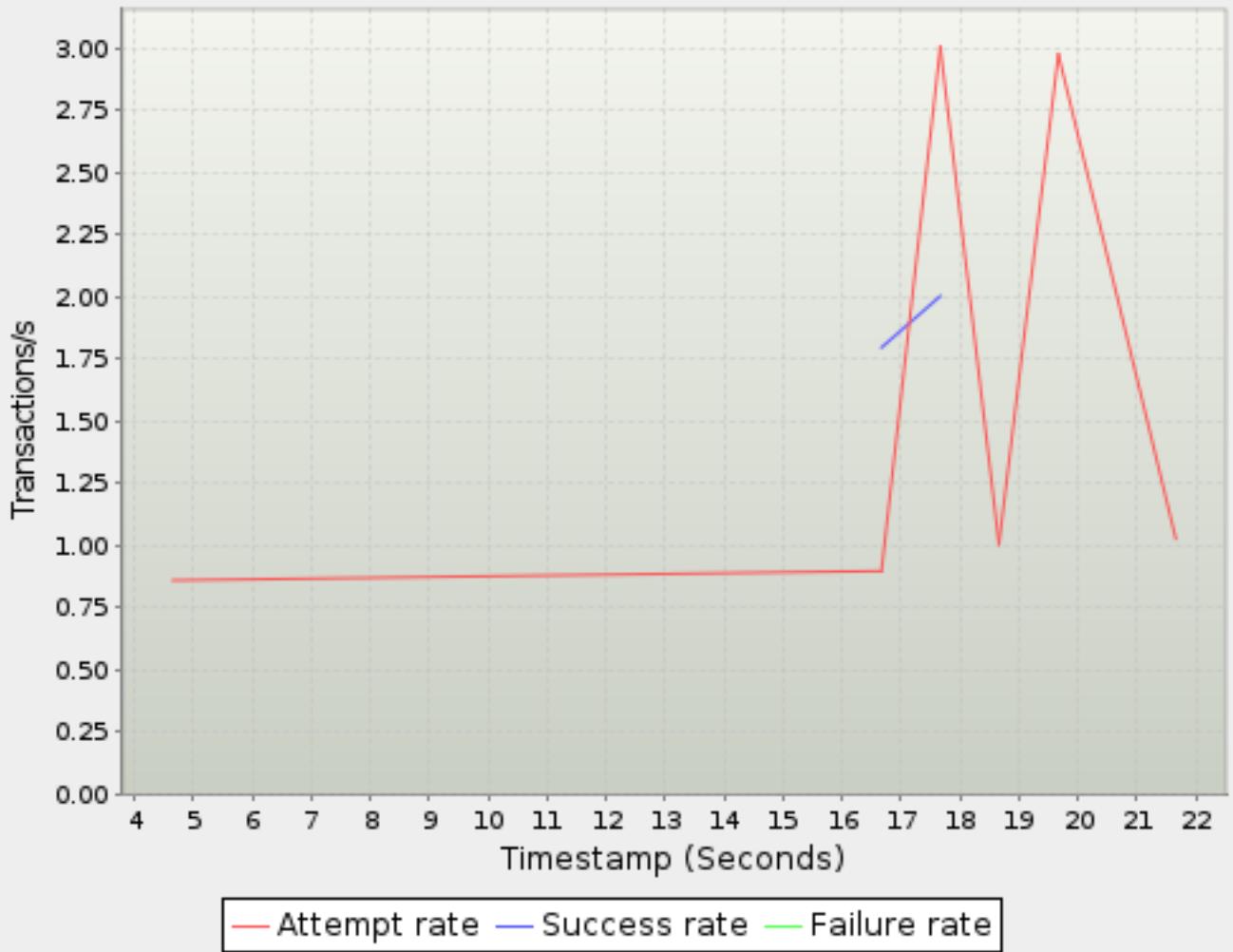
7.25.8.5. Application Transaction Rates: RTCP



Timestamp Seconds	Attempt rate		Success rate Transactions/s	Failure rate
	Transactions/s	Transactions/s		
5.669	0.00	0.00	0.00	0.00
6.652	0.00	0.00	0.00	0.00
7.651	0.00	0.00	0.00	0.00
8.652	0.00	0.00	0.00	0.00
9.650	0.00	0.00	0.00	0.00
10.651	0.00	0.00	0.00	0.00
11.647	0.00	0.00	0.00	0.00
12.659	0.00	0.00	0.00	0.00
13.661	0.00	0.00	0.00	0.00
14.660	0.00	0.00	0.00	0.00
15.554	0.00	0.00	0.00	0.00
16.667	1.797	1.797	0.00	0.00
17.665	2.004	2.004	0.00	0.00
18.659	0.00	0.00	0.00	0.00
19.667	0.00	0.00	0.00	0.00
20.686	0.00	0.00	0.00	0.00
21.659	0.00	0.00	0.00	0.00
22.658	0.00	0.00	0.00	0.00
23.657	0.00	0.00	0.00	0.00
24.553	0.00	0.00	0.00	0.00
25.553	0.00	0.00	0.00	0.00
26.108	0.00	0.00	0.00	0.00
27.137	0.00	0.00	0.00	0.00

7.25.8.6. Application Transaction Rates: RTP

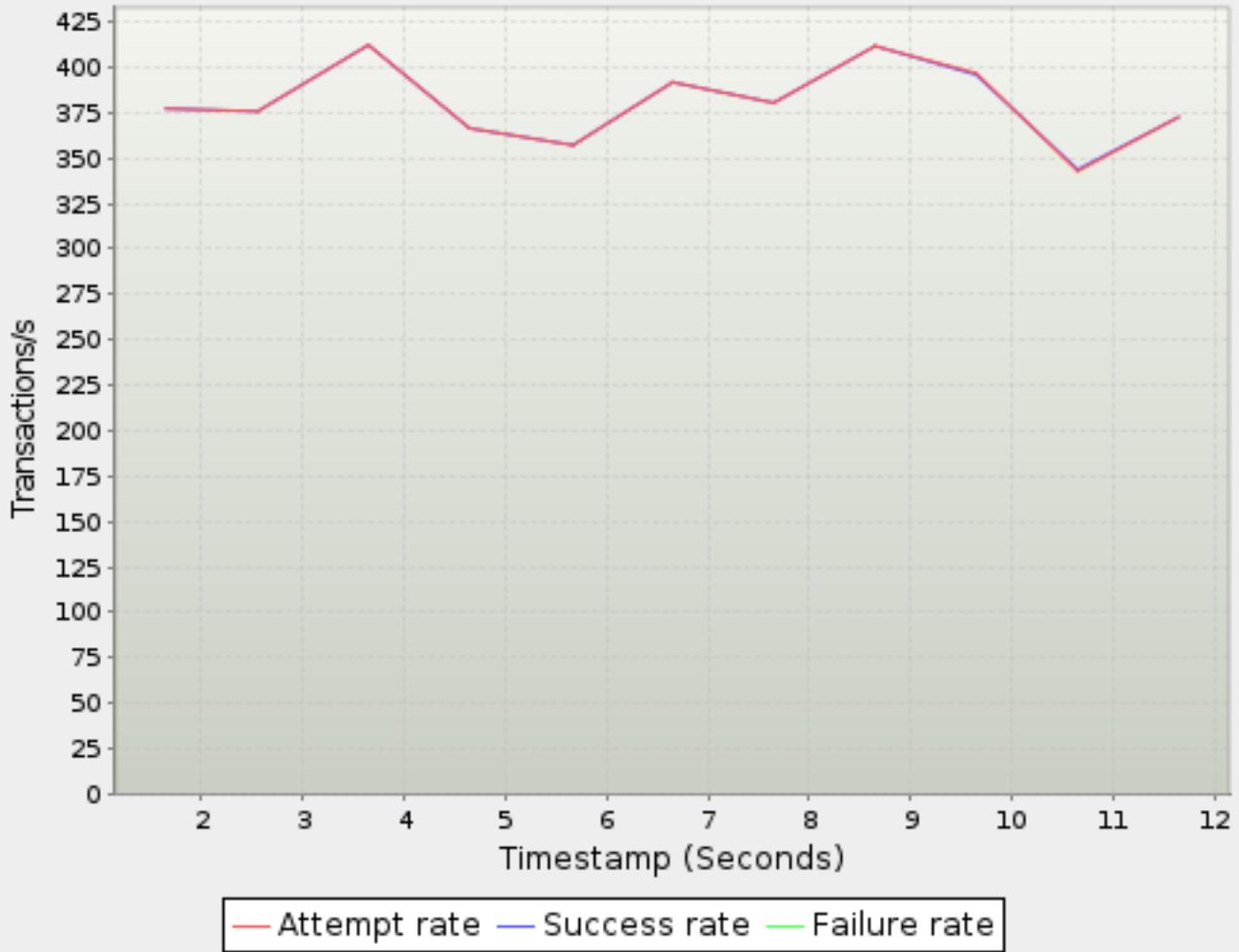
7.25.8.6 : Application Transaction Rates: RTP



Timestamp	Attempt rate	Success rate	Failure rate
Seconds	Transactions/s		
4.647	0.8608	0.00	0.00
5.669	0.00	0.00	0.00
6.652	0.00	0.00	0.00
7.651	0.00	0.00	0.00
8.652	0.00	0.00	0.00
9.650	0.00	0.00	0.00
10.651	0.00	0.00	0.00
11.647	0.00	0.00	0.00
12.659	0.00	0.00	0.00
13.661	0.00	0.00	0.00
14.660	0.00	0.00	0.00
15.554	0.00	0.00	0.00
16.667	0.8985	1.797	0.00
17.665	3.006	2.004	0.00
18.659	1.006	0.00	0.00
19.667	2.976	0.00	0.00
20.686	0.00	0.00	0.00
21.659	1.028	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

7.25.8.7. Application Transaction Rates: Raw

7.25.8.7 : Application Transaction Rates: Raw

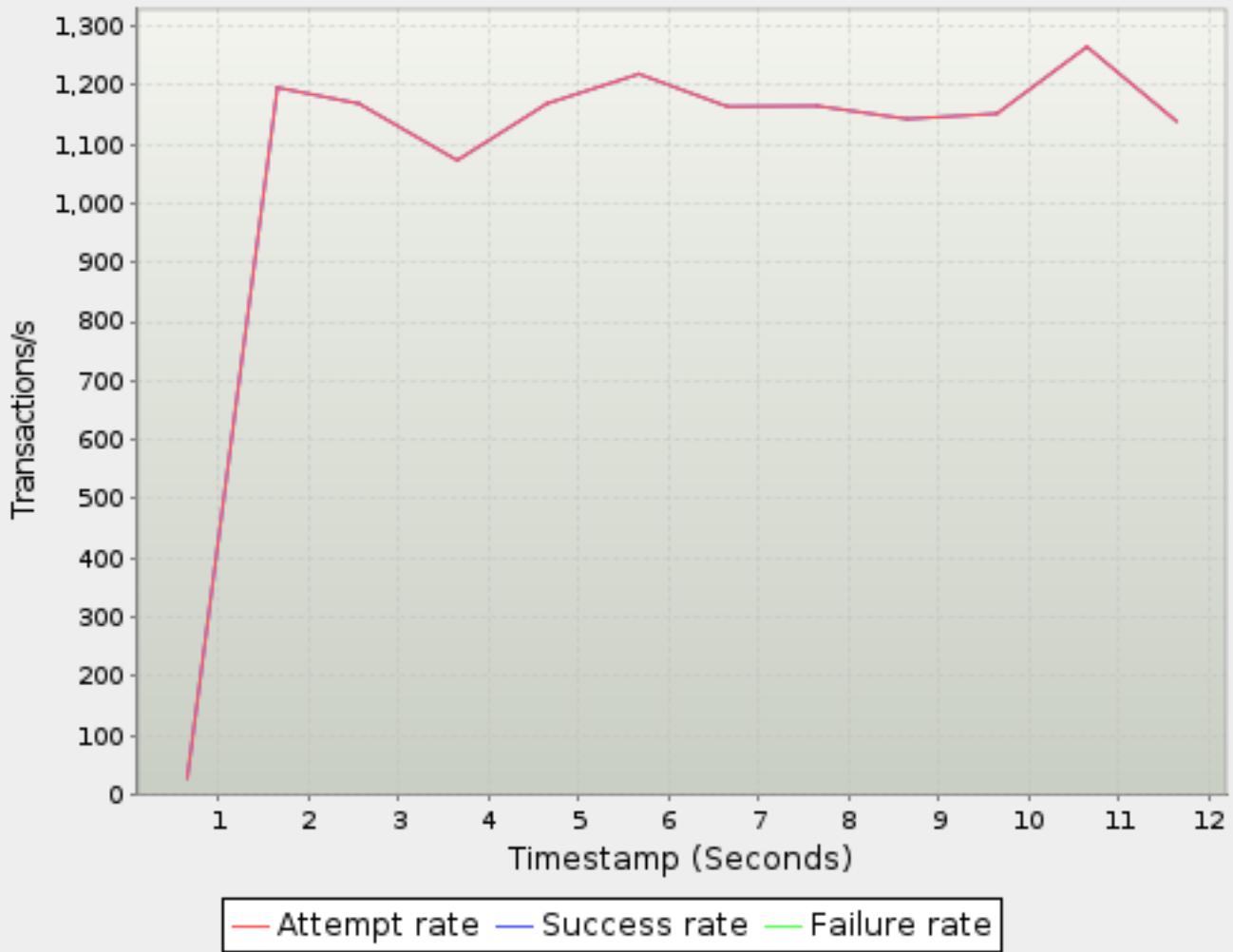


Timestamp Seconds	Attempt rate Transactions/s	Success rate Transactions/s	Failure rate Transactions/s
0.647	0.00	0.00	0.00
1.649	377.2	377.2	0.00
2.554	375.7	375.7	0.00
3.648	412.2	412.2	0.00
4.647	366.4	366.4	0.00
5.669	357.1	357.1	0.00
6.652	391.7	391.7	0.00
7.651	380.4	380.4	0.00
8.652	411.6	411.6	0.00
9.650	396.8	395.8	0.00
10.651	342.7	343.7	0.00
11.647	372.5	372.5	0.00
12.659	0.00	0.00	0.00
13.661	0.00	0.00	0.00
14.660	0.00	0.00	0.00
15.554	0.00	0.00	0.00
16.667	0.00	0.00	0.00
17.665	0.00	0.00	0.00
18.659	0.00	0.00	0.00
19.667	0.00	0.00	0.00
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00

Timestamp <i>Seconds</i>	Attempt rate	Success rate <i>Transactions/s</i>	Failure rate
24.553	0.00	0.00	0.00
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

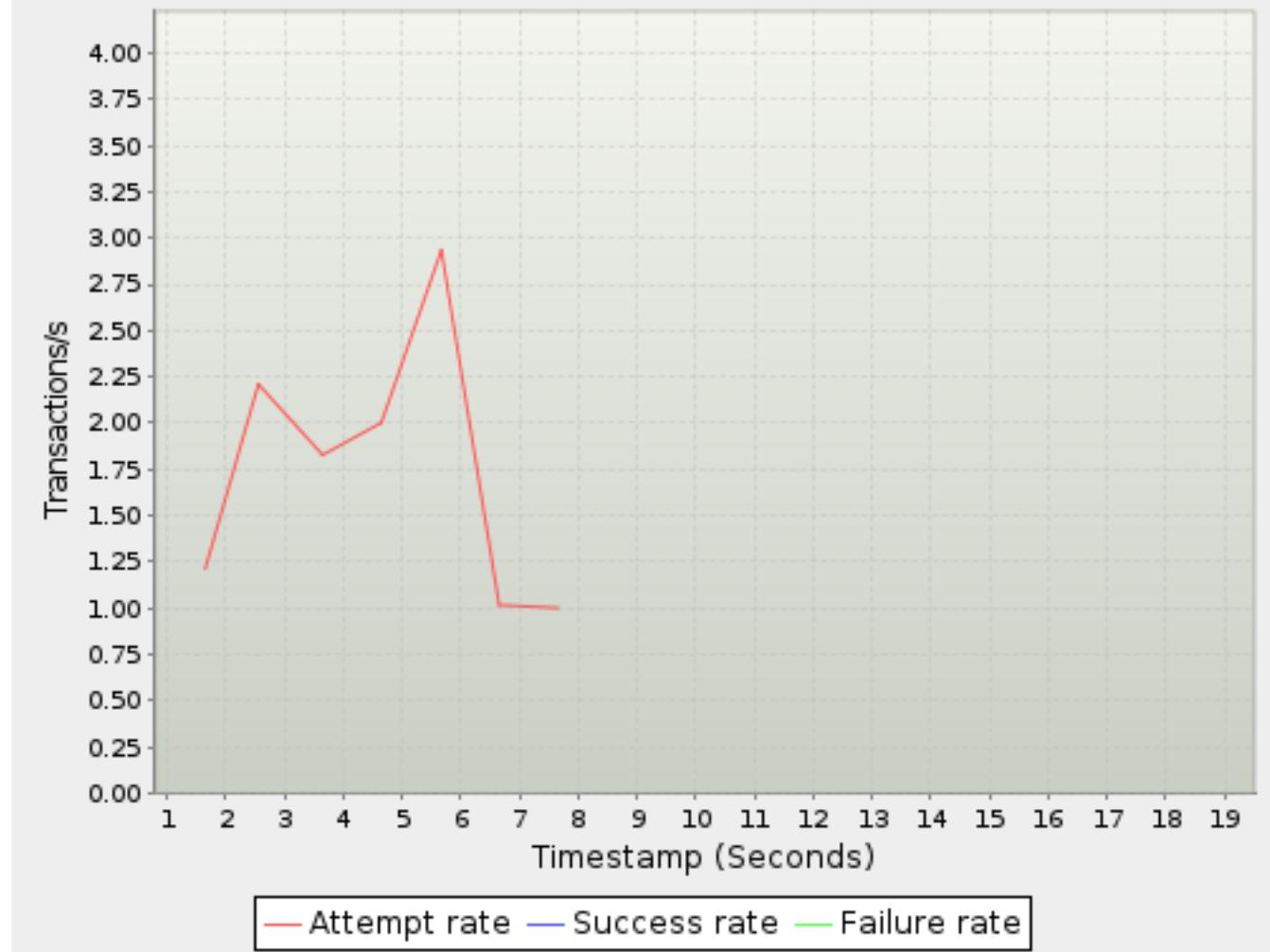
7.25.8.8. Application Transaction Rates: SAP

7.25.8.8 : Application Transaction Rates: SAP



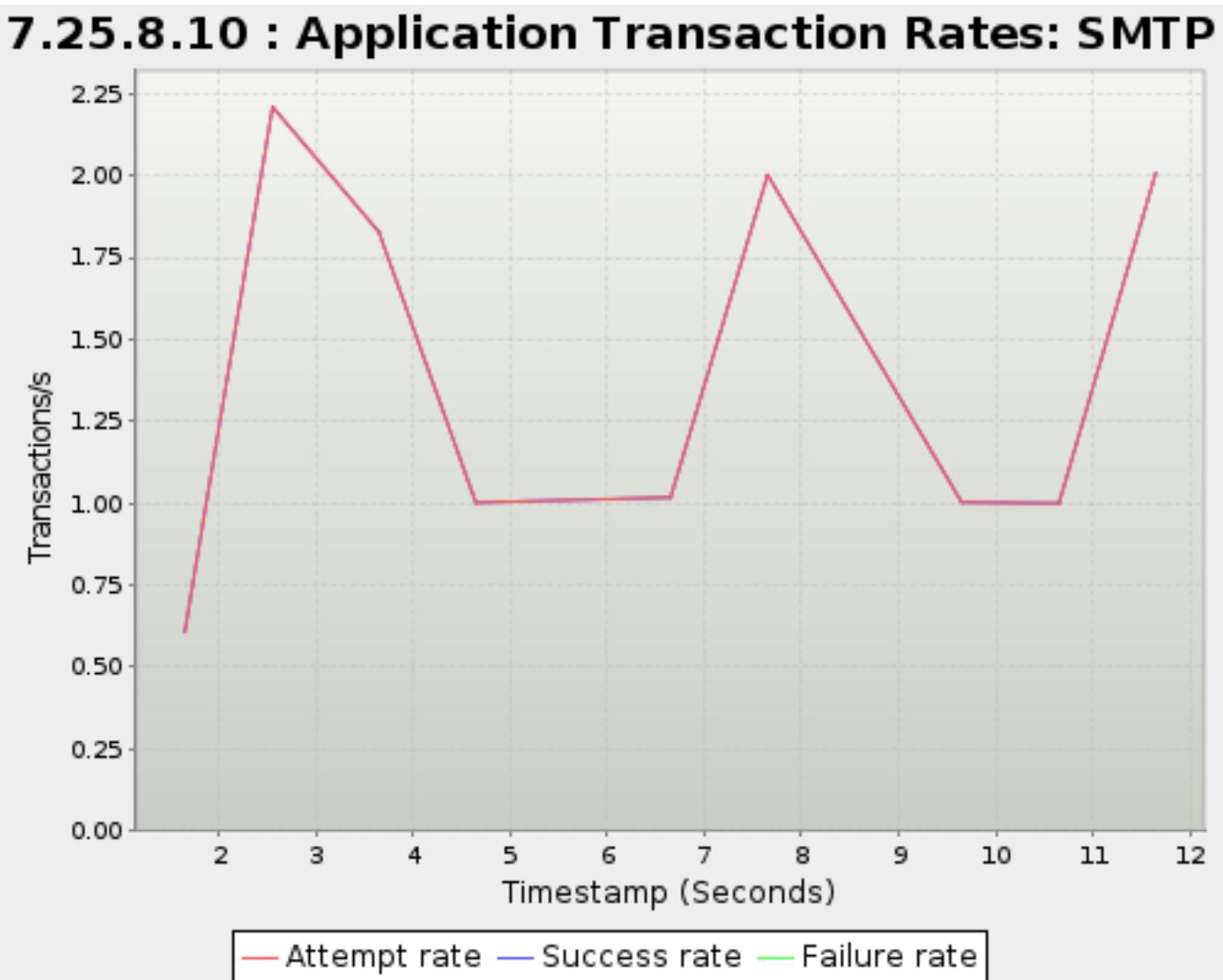
Timestamp Seconds	Attempt rate Transactions/s	Success rate Transactions/s	Failure rate Transactions/s
0.647	27.82	27.82	0.00
1.649	~1196	~1196	0.00
2.554	~1169	~1169	0.00
3.648	~1073	~1073	0.00
4.647	~1169	~1169	0.00
5.669	~1219	~1219	0.00
6.652	~1164	~1164	0.00
7.651	~1165	~1165	0.00
8.652	~1143	~1143	0.00
9.650	~1152	~1152	0.00
10.651	~1265	~1265	0.00
11.647	~1139	~1139	0.00
12.659	0.00	0.00	0.00
13.661	0.00	0.00	0.00
14.660	0.00	0.00	0.00
15.554	0.00	0.00	0.00
16.667	0.00	0.00	0.00
17.665	0.00	0.00	0.00
18.659	0.00	0.00	0.00
19.667	0.00	0.00	0.00
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00

Timestamp	Attempt rate	Success rate	Failure rate
<i>Seconds</i>			
24.553	0.00	0.00	0.00
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

7.25.8.9. Application Transaction Rates: SIP**7.25.8.9 : Application Transaction Rates: SIP**

Timestamp Seconds	Attempt rate Transactions/s	Success rate Transactions/s	Failure rate Transactions/s
1.649	1.213	0.00	0.00
2.554	2.210	0.00	0.00
3.648	1.828	0.00	0.00
4.647	2.002	0.00	0.00
5.669	2.935	0.00	0.00
6.652	1.017	0.00	0.00
7.651	1.001	0.00	0.00
8.652	0.00	0.00	0.00
9.650	0.00	0.00	0.00
10.651	0.00	0.00	0.00
11.647	0.00	0.00	0.00
12.659	0.00	0.00	0.00
13.661	0.00	0.00	0.00
14.660	0.00	0.00	0.00
15.554	0.00	0.00	0.00
16.667	0.00	0.00	0.00
17.665	0.00	0.00	0.00
18.659	0.00	4.024	0.00
19.667	0.00	0.00	0.00
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00

Timestamp	Attempt rate	Success rate	Failure rate
<i>Seconds</i>			
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

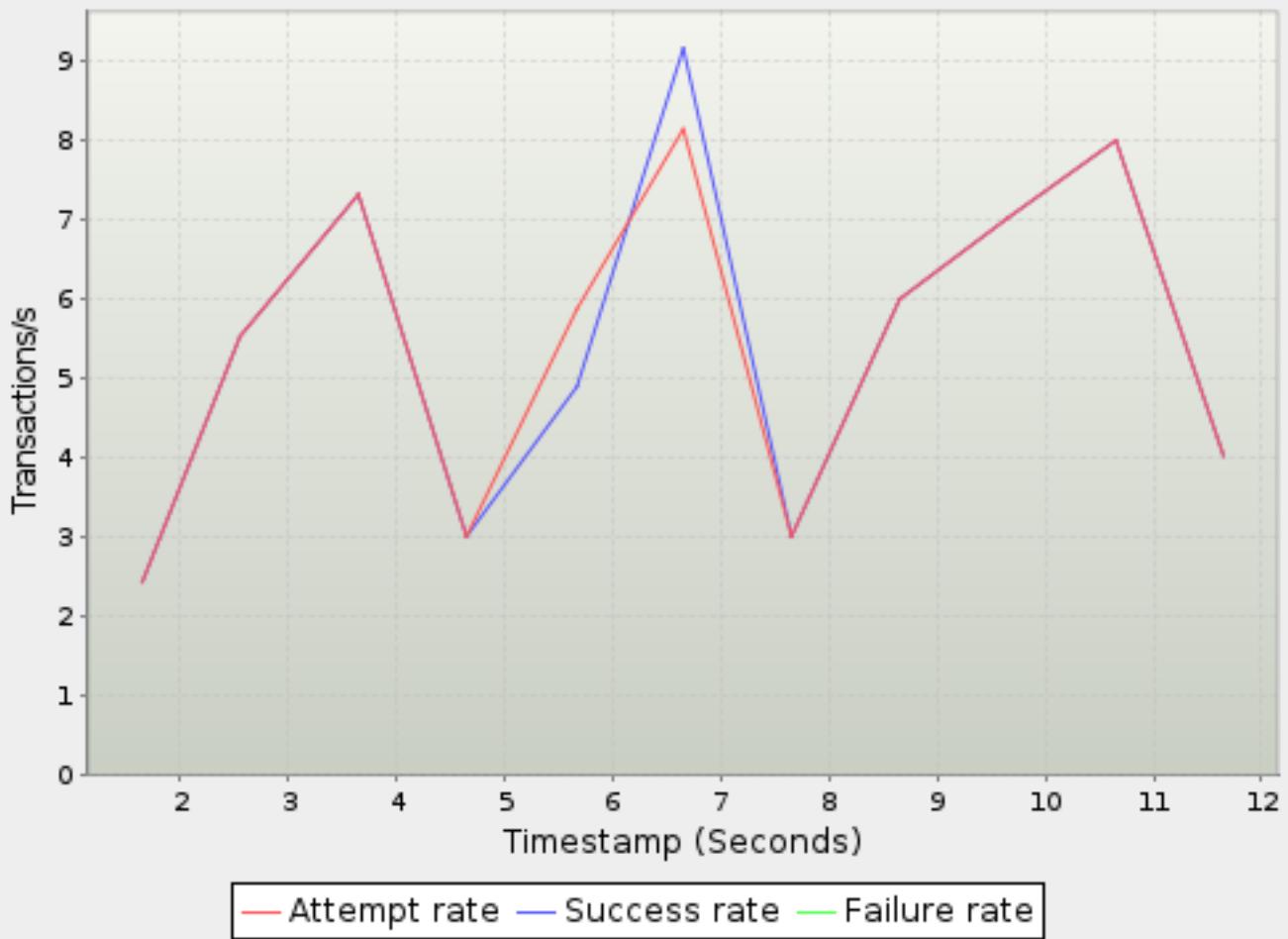
7.25.8.10. Application Transaction Rates: SMTP

Timestamp Seconds	Attempt rate Transactions/s	Success rate Transactions/s	Failure rate Transactions/s
1.649	0.6064	0.6064	0.00
2.554	2.210	2.210	0.00
3.648	1.828	1.828	0.00
4.647	1.001	1.001	0.00
5.669	0.00	0.00	0.00
6.652	1.017	1.017	0.00
7.651	2.002	2.002	0.00
8.652	0.00	0.00	0.00
9.650	1.002	1.002	0.00
10.651	0.9990	0.9990	0.00
11.647	2.008	2.008	0.00
12.659	0.00	0.00	0.00
13.661	0.00	0.00	0.00
14.660	0.00	0.00	0.00
15.554	0.00	0.00	0.00
16.667	0.00	0.00	0.00
17.665	0.00	0.00	0.00
18.659	0.00	0.00	0.00
19.667	0.00	0.00	0.00
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00

Timestamp	Attempt rate	Success rate	Failure rate
<i>Seconds</i>			
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

7.25.8.11. Application Transaction Rates: Telnet

7.25.8.11 : Application Transaction Rates: Telnet



Timestamp Seconds	Attempt rate Transactions/s	Success rate Transactions/s	Failure rate Transactions/s
1.649	2.426	2.426	0.00
2.554	5.525	5.525	0.00
3.648	7.313	7.313	0.00
4.647	3.003	3.003	0.00
5.669	5.871	4.892	0.00
6.652	8.138	9.156	0.00
7.651	3.003	3.003	0.00
8.652	5.994	5.994	0.00
9.650	7.014	7.014	0.00
10.651	7.992	7.992	0.00
11.647	4.016	4.016	0.00
12.659	0.00	0.00	0.00
13.661	0.00	0.00	0.00
14.660	0.00	0.00	0.00
15.554	0.00	0.00	0.00
16.667	0.00	0.00	0.00
17.665	0.00	0.00	0.00
18.659	0.00	0.00	0.00
19.667	0.00	0.00	0.00
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00

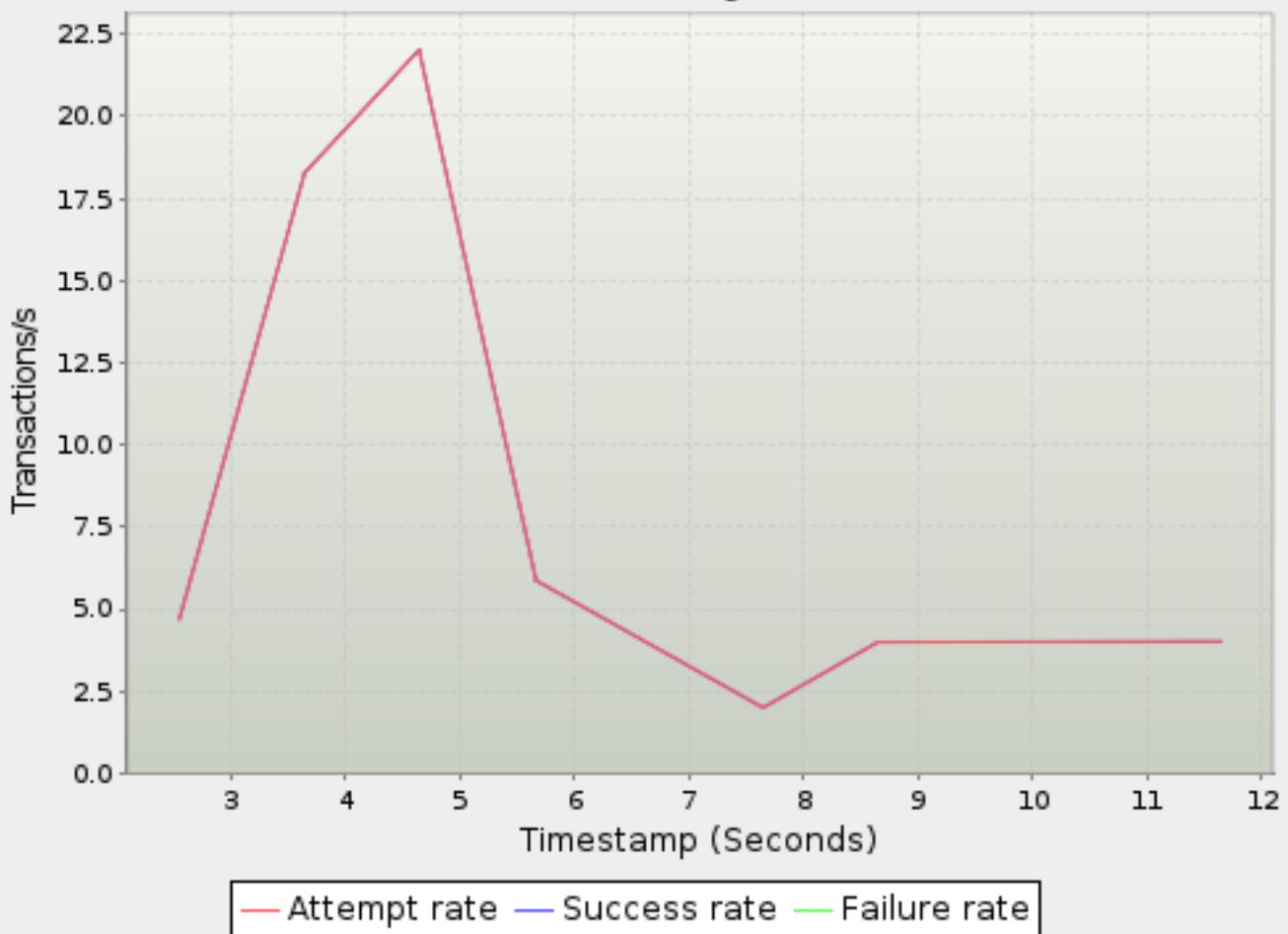
Test Results for simple_appsim

500

Timestamp	Attempt rate	Success rate	Failure rate
<i>Seconds</i>			
25.553	0.00	0.00	0.00
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

7.25.8.12. Application Transaction Rates: eDonkey

7.25.8.12 : Application Transaction Rates: eDonkey

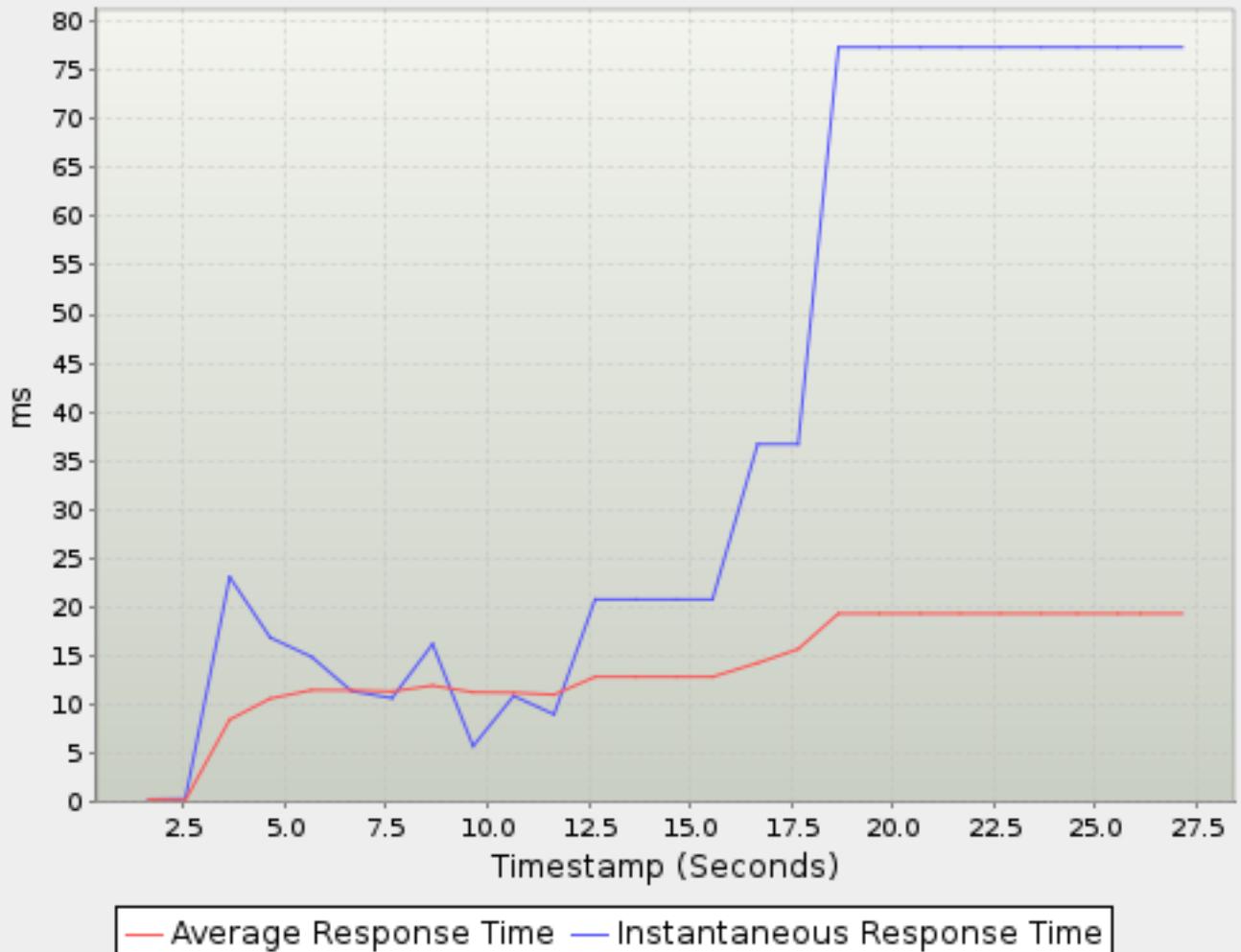


Timestamp Seconds	Attempt rate Transactions/s	Success rate Transactions/s	Failure rate Transactions/s
2.554	4.699	4.699	0.00
3.648	18.28	18.28	0.00
4.647	22.02	22.02	0.00
5.669	5.871	5.871	0.00
6.652	0.00	0.00	0.00
7.651	2.002	2.002	0.00
8.652	3.996	3.996	0.00
9.650	0.00	0.00	0.00
10.651	0.00	0.00	0.00
11.647	4.016	4.016	0.00
12.659	0.00	0.00	0.00
13.661	0.00	0.00	0.00
14.660	0.00	0.00	0.00
15.554	0.00	0.00	0.00
16.667	0.00	0.00	0.00
17.665	0.00	0.00	0.00
18.659	0.00	0.00	0.00
19.667	0.00	0.00	0.00
20.686	0.00	0.00	0.00
21.659	0.00	0.00	0.00
22.658	0.00	0.00	0.00
23.657	0.00	0.00	0.00
24.553	0.00	0.00	0.00
25.553	0.00	0.00	0.00

Timestamp	Attempt rate	Success rate	Failure rate
<i>Seconds</i>		<i>Transactions/s</i>	
26.108	0.00	0.00	0.00
27.137	0.00	0.00	0.00

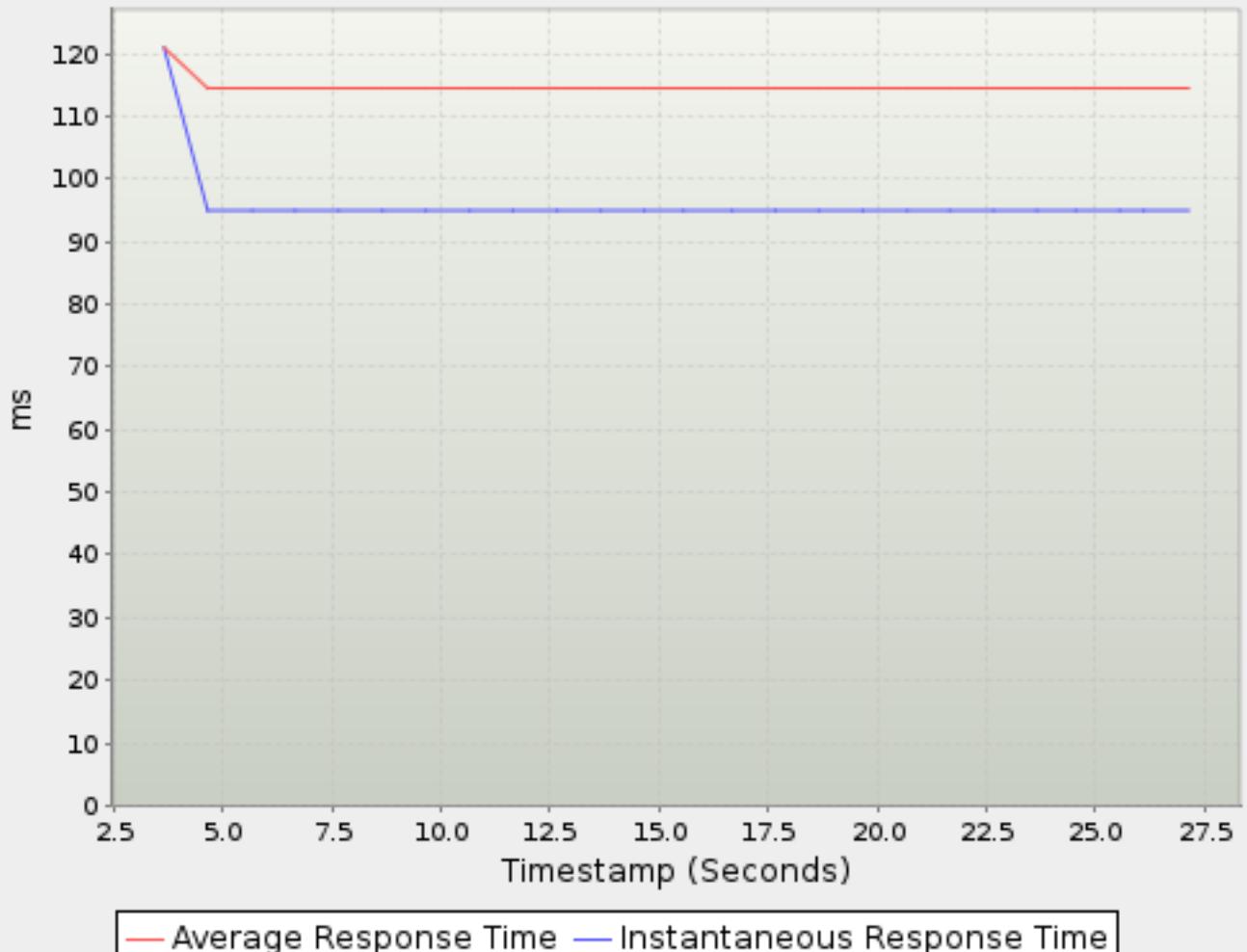
7.25.9. Application Response Time

7.25.9 : Application Response Time



Timestamp Seconds	Average Response Time Milliseconds	Instantaneous Response Time Milliseconds
0.647	0.0000	0.0000
1.649	0.2480	0.2508
2.554	0.1507	0.2976
3.648	8.4213	23.0421
4.647	10.5780	16.8412
5.669	11.4494	14.8646
6.652	11.4297	11.3473
7.651	11.3097	10.6321
8.652	11.9116	16.1714
9.650	11.2286	5.7002
10.651	11.1868	10.8516
11.647	10.9852	8.9582
12.659	12.8077	20.7569
13.661	12.8077	20.7569
14.660	12.8077	20.7569
15.554	12.8077	20.7569
16.667	14.2319	36.6800
17.665	15.6553	36.6800
18.659	19.3049	77.4009
19.667	19.3049	77.4009
20.686	19.3049	77.4009
21.659	19.3049	77.4009
22.658	19.3049	77.4009
23.657	19.3049	77.4009

Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
24.553	19.3049	77.4009
25.553	19.3049	77.4009
26.108	19.3049	77.4009
27.137	19.3049	77.4009

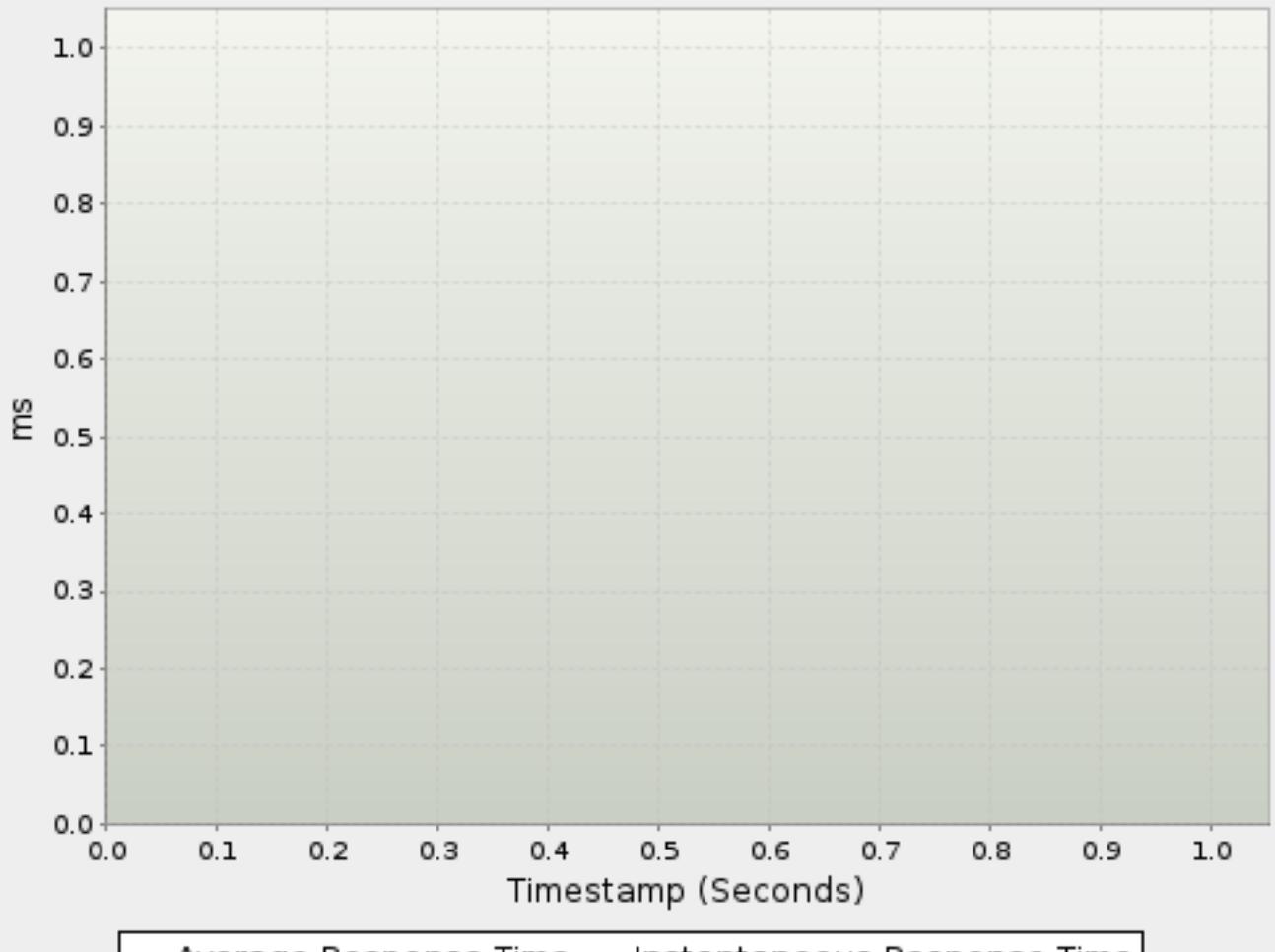
7.25.9.1. Application Response Time: Citrix**7.25.9.1 : Application Response Time: Citrix**

Timestamp Seconds	Average Response Time Milliseconds	Instantaneous Response Time Milliseconds
3.648	121	121
4.647	114.5000	95
5.669	114.5000	95
6.652	114.5000	95
7.651	114.5000	95
8.652	114.5000	95
9.650	114.5000	95
10.651	114.5000	95
11.647	114.5000	95
12.659	114.5000	95
13.661	114.5000	95
14.660	114.5000	95
15.554	114.5000	95
16.667	114.5000	95
17.665	114.5000	95
18.659	114.5000	95
19.667	114.5000	95
20.686	114.5000	95
21.659	114.5000	95
22.658	114.5000	95
23.657	114.5000	95
24.553	114.5000	95
25.553	114.5000	95
26.108	114.5000	95

Timestamp	Average Response Time	Instantaneous Response Time
Seconds	<i>Milliseconds</i>	
27.137	114.5000	95

7.25.9.2. Application Response Time: DNS

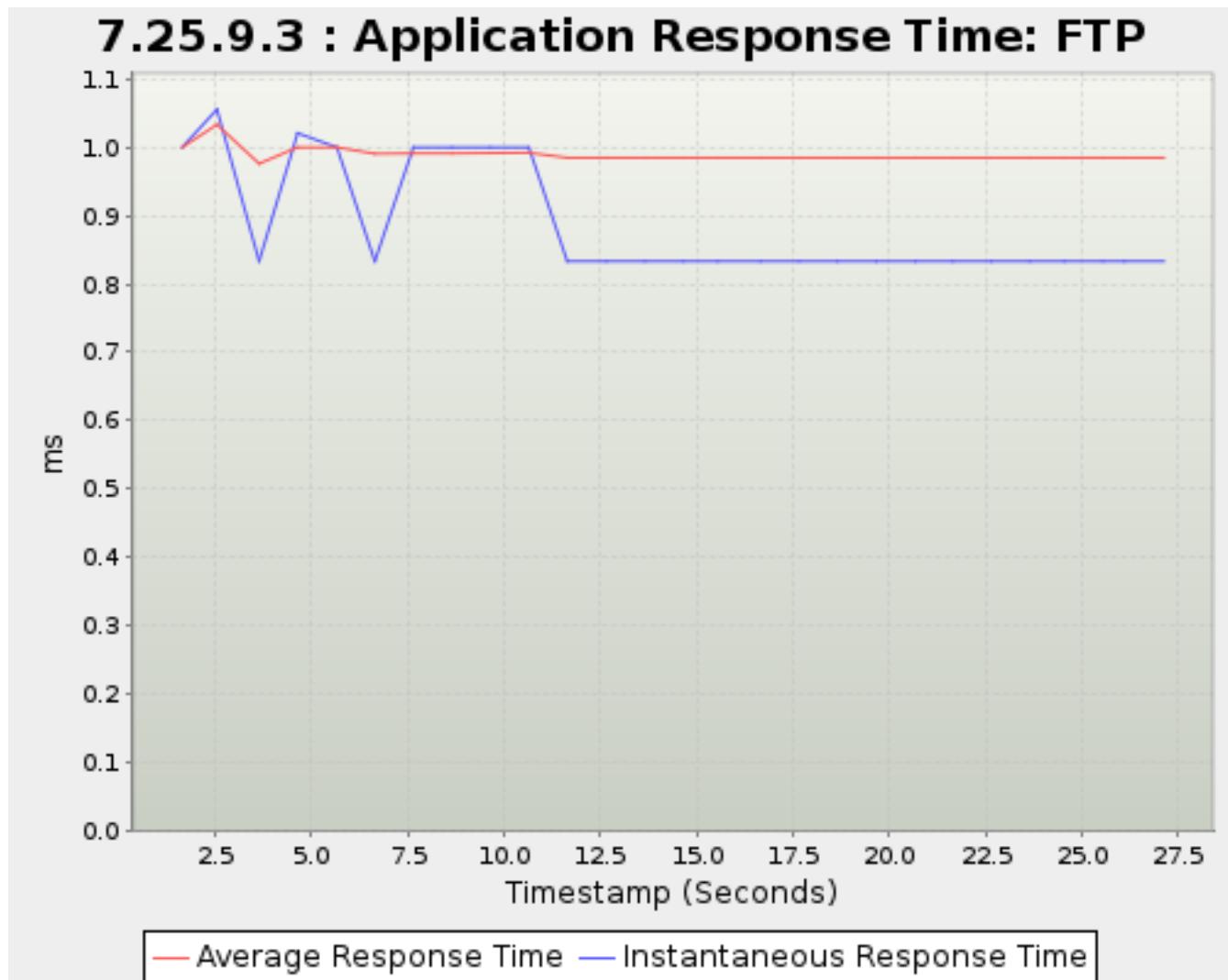
7.25.9.2 : Application Response Time: DNS



Timestamp Seconds	Average Response Time		Instantaneous Response Time Milliseconds
	Milliseconds	Seconds	
1.649	0.0000		0.0000
2.554	0.0000		0.0000
3.648	0.0000		0.0000
4.647	0.0000		0.0000
5.669	0.0000		0.0000
6.652	0.0000		0.0000
7.651	0.0000		0.0000
8.652	0.0000		0.0000
9.650	0.0000		0.0000
10.651	0.0000		0.0000
11.647	0.0000		0.0000
12.659	0.0000		0.0000
13.661	0.0000		0.0000
14.660	0.0000		0.0000
15.554	0.0000		0.0000
16.667	0.0000		0.0000
17.665	0.0000		0.0000
18.659	0.0000		0.0000
19.667	0.0000		0.0000
20.686	0.0000		0.0000
21.659	0.0000		0.0000
22.658	0.0000		0.0000
23.657	0.0000		0.0000
24.553	0.0000		0.0000

Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
25.553	0.0000	0.0000
26.108	0.0000	0.0000
27.137	0.0000	0.0000

7.25.9.3. Application Response Time: FTP

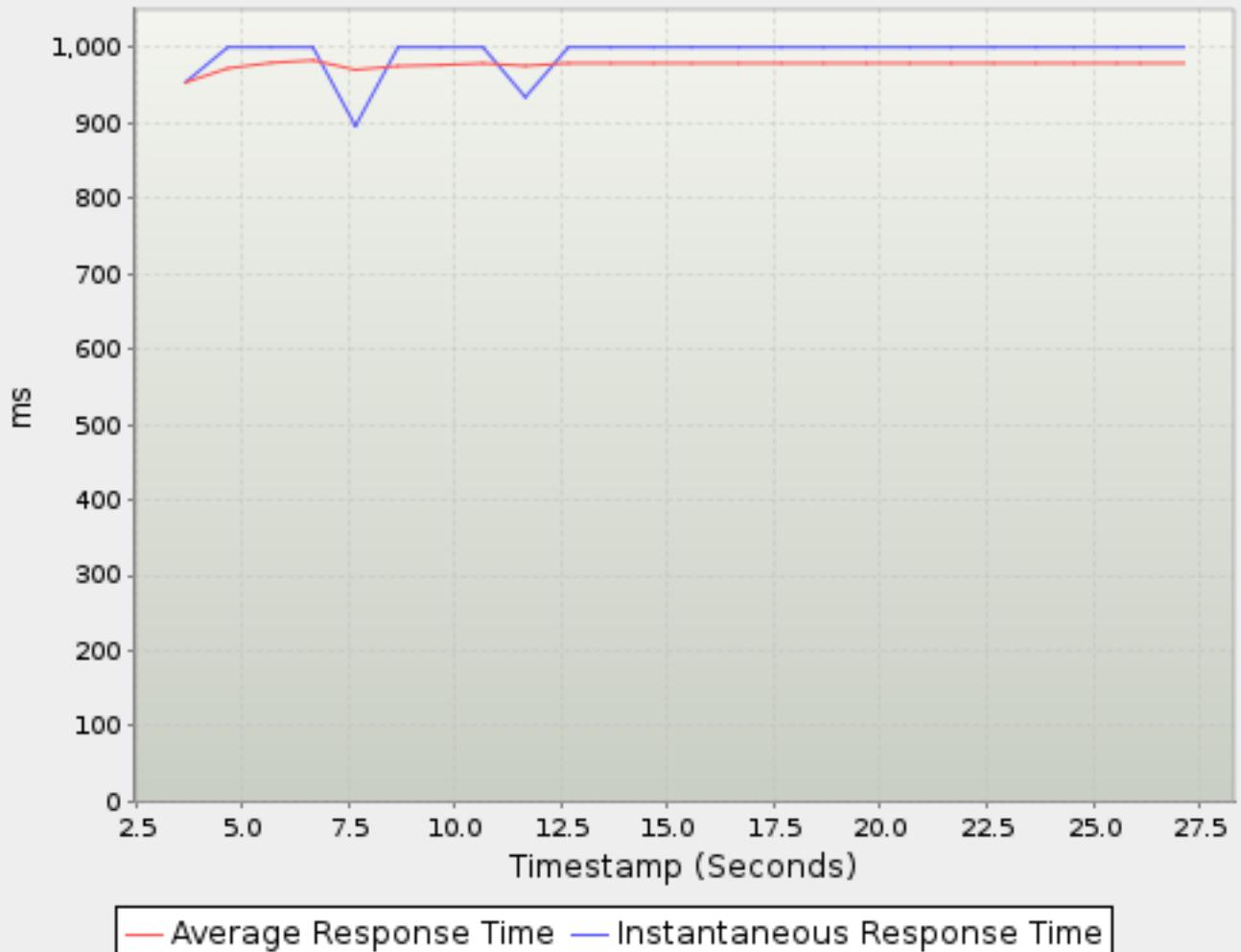


Timestamp Seconds	Average Response Time		Instantaneous Response Time
		Milliseconds	
1.649	1	1	
2.554	1.0333	1.0556	
3.648	0.9762	0.8333	
4.647	1	1.0208	
5.669	1	1	
6.652	0.9907	0.8333	
7.651	0.9912	1	
8.652	0.9912	1	
9.650	0.9917	1	
10.651	0.9921	1	
11.647	0.9848	0.8333	
12.659	0.9848	0.8333	
13.661	0.9848	0.8333	
14.660	0.9848	0.8333	
15.554	0.9848	0.8333	
16.667	0.9848	0.8333	
17.665	0.9848	0.8333	
18.659	0.9848	0.8333	
19.667	0.9848	0.8333	
20.686	0.9848	0.8333	
21.659	0.9848	0.8333	
22.658	0.9848	0.8333	
23.657	0.9848	0.8333	
24.553	0.9848	0.8333	

Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
25.553	0.9848	0.8333
26.108	0.9848	0.8333
27.137	0.9848	0.8333

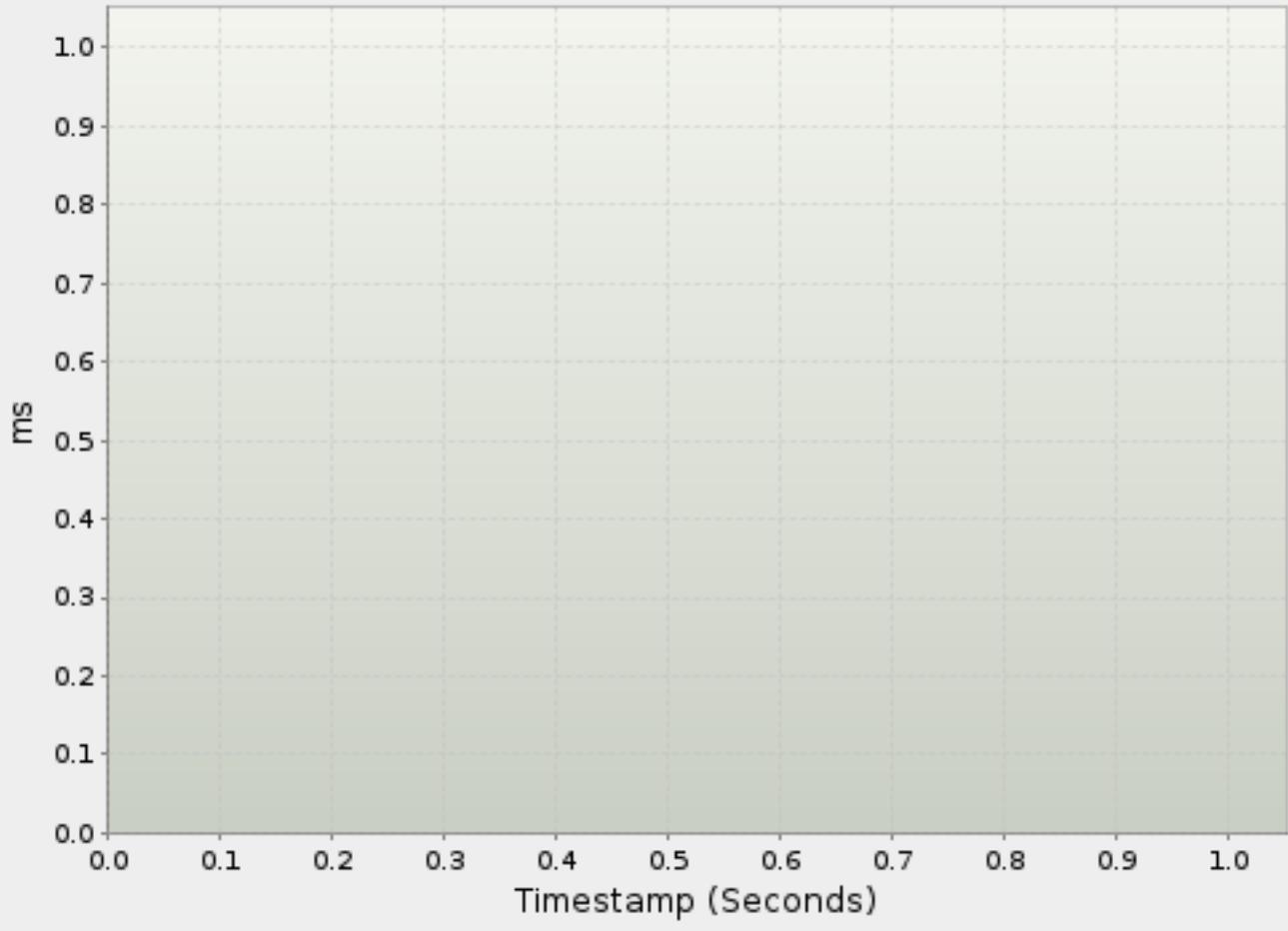
7.25.9.4. Application Response Time: HTTP

7.25.9.4 : Application Response Time: HTTP



Timestamp Seconds	Average Response Time		Instantaneous Response Time Milliseconds
	Milliseconds	Microseconds	
1.649	0.0000	0.0000	0.0000
2.554	0.0000	0.0000	0.0000
3.648	953.3571	953.3571	953.3571
4.647	972.0286	972.0286	1,000.0357
5.669	979.4000	979.4000	1,000.0400
6.652	982.6814	982.6814	1,000
7.651	970.1439	970.1439	895.5789
8.652	975.0633	975.0633	1,000.0385
9.650	976.4072	976.4072	1,000
10.651	978.7027	978.7027	1,000
11.647	975.3450	975.3450	933.9333
12.659	978.8412	978.8412	1,000.0303
13.661	978.8412	978.8412	1,000.0303
14.660	978.8412	978.8412	1,000.0303
15.554	978.8412	978.8412	1,000.0303
16.667	978.8412	978.8412	1,000.0303
17.665	978.8412	978.8412	1,000.0303
18.659	978.8412	978.8412	1,000.0303
19.667	978.8412	978.8412	1,000.0303
20.686	978.8412	978.8412	1,000.0303
21.659	978.8412	978.8412	1,000.0303
22.658	978.8412	978.8412	1,000.0303
23.657	978.8412	978.8412	1,000.0303
24.553	978.8412	978.8412	1,000.0303

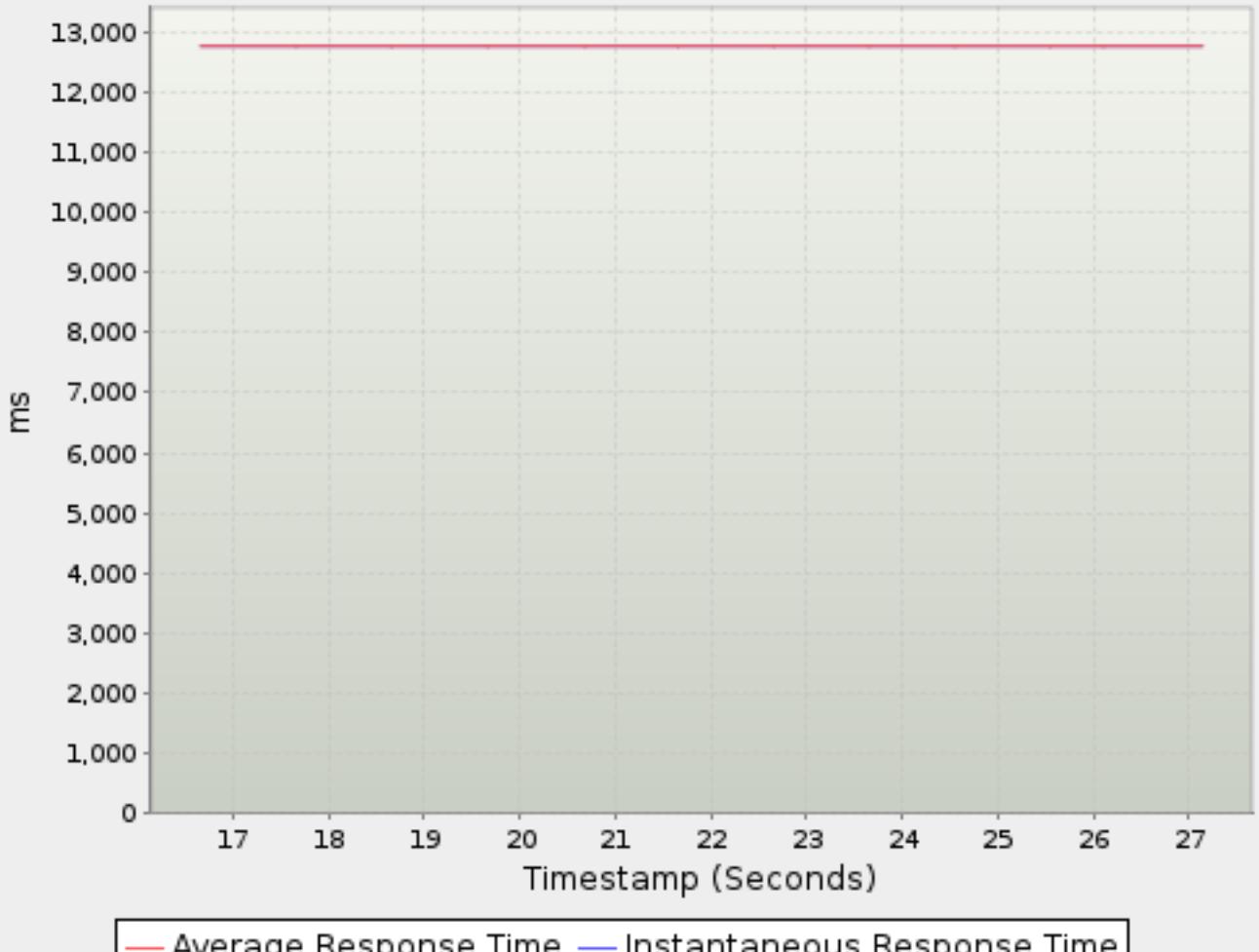
Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
25.553	978.8412	1,000.0303
26.108	978.8412	1,000.0303
27.137	978.8412	1,000.0303

7.25.9.5. Application Response Time: RTCP**7.25.9.5 : Application Response Time: RTCP**

Timestamp Seconds	Average Response Time		Instantaneous Response Time
		Milliseconds	
5.669	0.0000		0.0000
6.652	0.0000		0.0000
7.651	0.0000		0.0000
8.652	0.0000		0.0000
9.650	0.0000		0.0000
10.651	0.0000		0.0000
11.647	0.0000		0.0000
12.659	0.0000		0.0000
13.661	0.0000		0.0000
14.660	0.0000		0.0000
15.554	0.0000		0.0000
16.667	0.0000		0.0000
17.665	0.0000		0.0000
18.659	0.0000		0.0000
19.667	0.0000		0.0000
20.686	0.0000		0.0000
21.659	0.0000		0.0000
22.658	0.0000		0.0000
23.657	0.0000		0.0000
24.553	0.0000		0.0000
25.553	0.0000		0.0000
26.108	0.0000		0.0000
27.137	0.0000		0.0000

7.25.9.6. Application Response Time: RTP

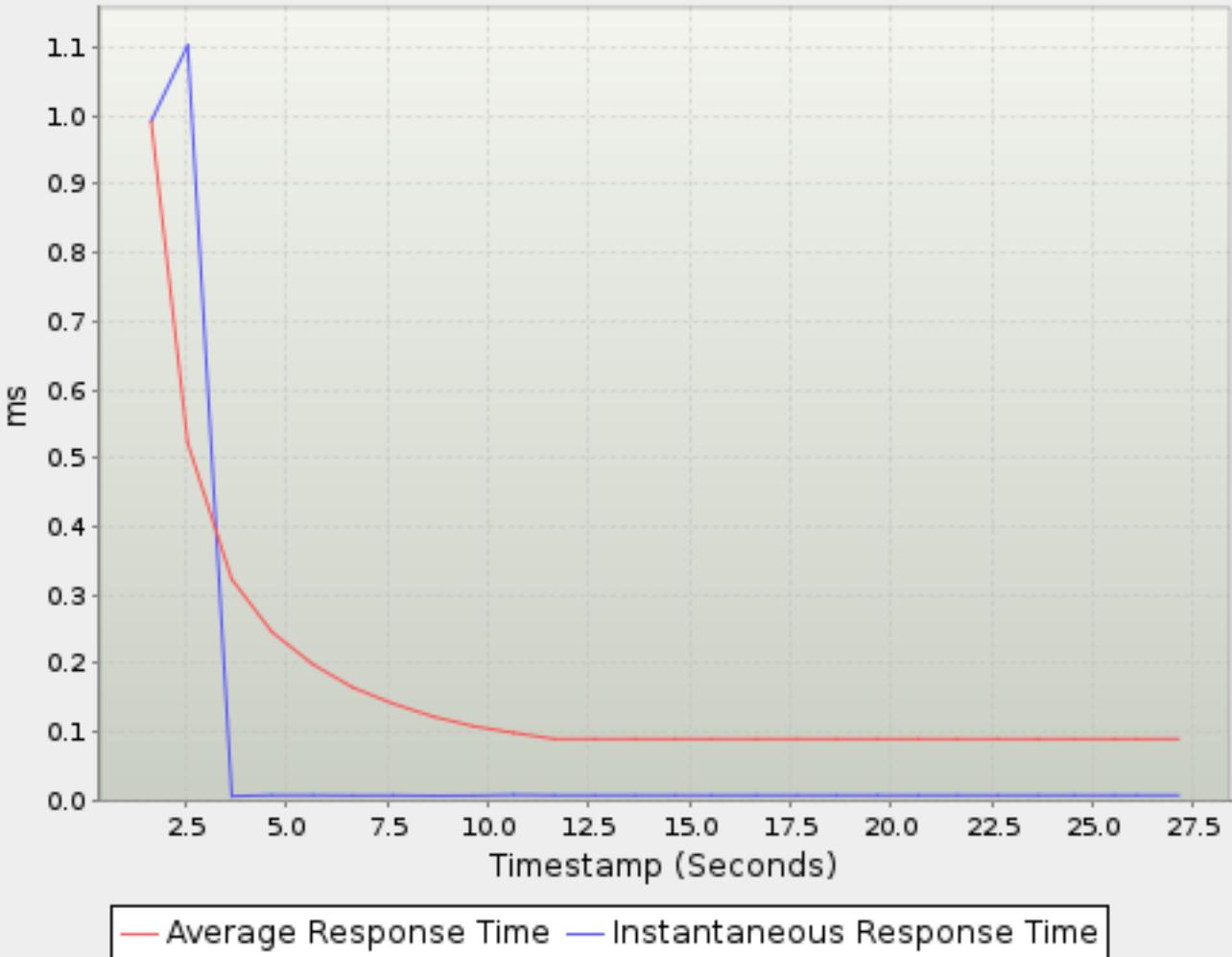
7.25.9.6 : Application Response Time: RTP



Timestamp Seconds	Average Response Time		Instantaneous Response Time
		Milliseconds	
4.647	0.0000	0.0000	
5.669	0.0000	0.0000	
6.652	0.0000	0.0000	
7.651	0.0000	0.0000	
8.652	0.0000	0.0000	
9.650	0.0000	0.0000	
10.651	0.0000	0.0000	
11.647	0.0000	0.0000	
12.659	0.0000	0.0000	
13.661	0.0000	0.0000	
14.660	0.0000	0.0000	
15.554	0.0000	0.0000	
16.667	12,780	12,780	
17.665	12,780	12,780	
18.659	12,780	12,780	
19.667	12,780	12,780	
20.686	12,780	12,780	
21.659	12,780	12,780	
22.658	12,780	12,780	
23.657	12,780	12,780	
24.553	12,780	12,780	
25.553	12,780	12,780	
26.108	12,780	12,780	
27.137	12,780	12,780	

7.25.9.7. Application Response Time: Raw

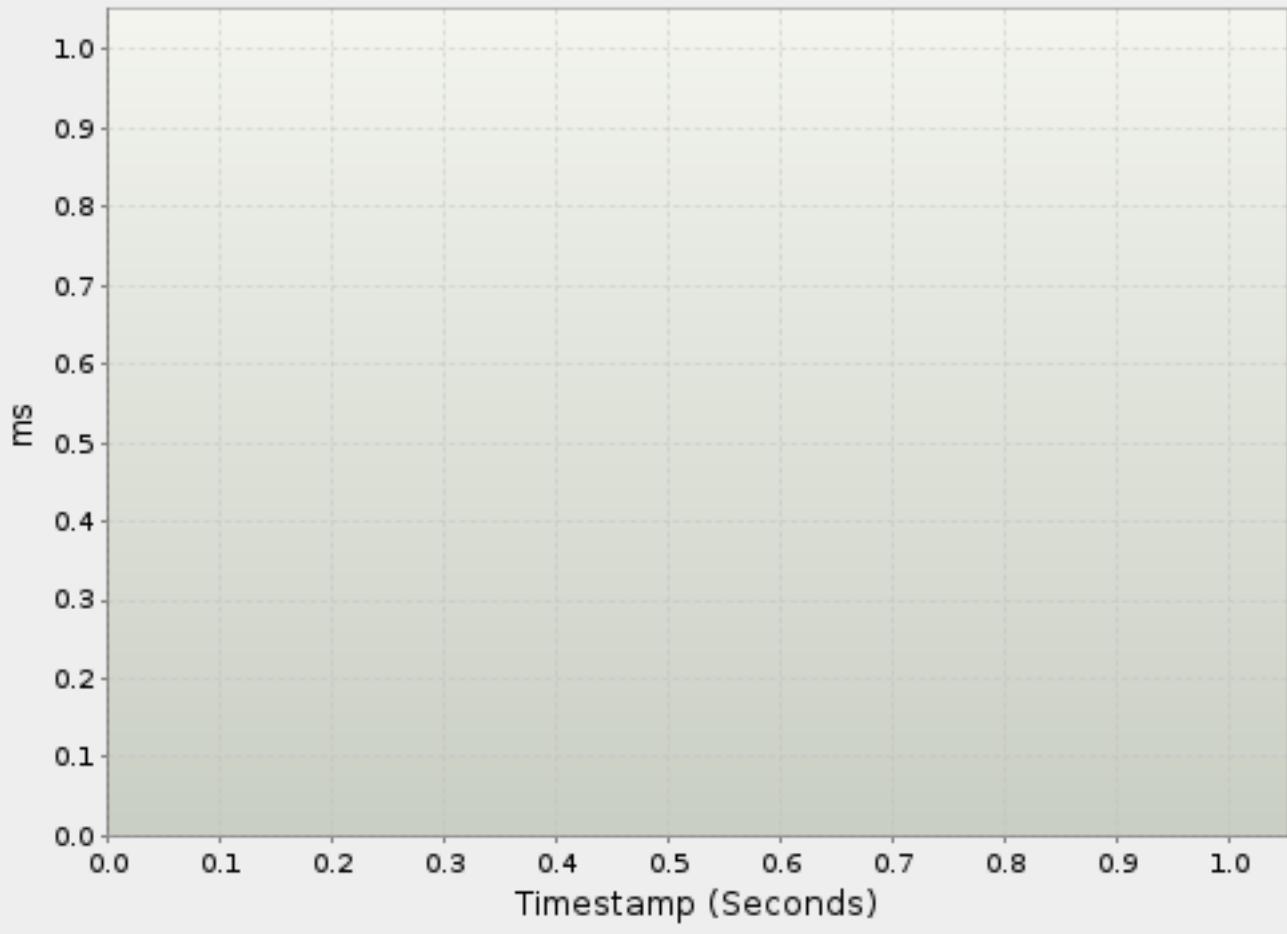
7.25.9.7 : Application Response Time: Raw



— Average Response Time — Instantaneous Response Time

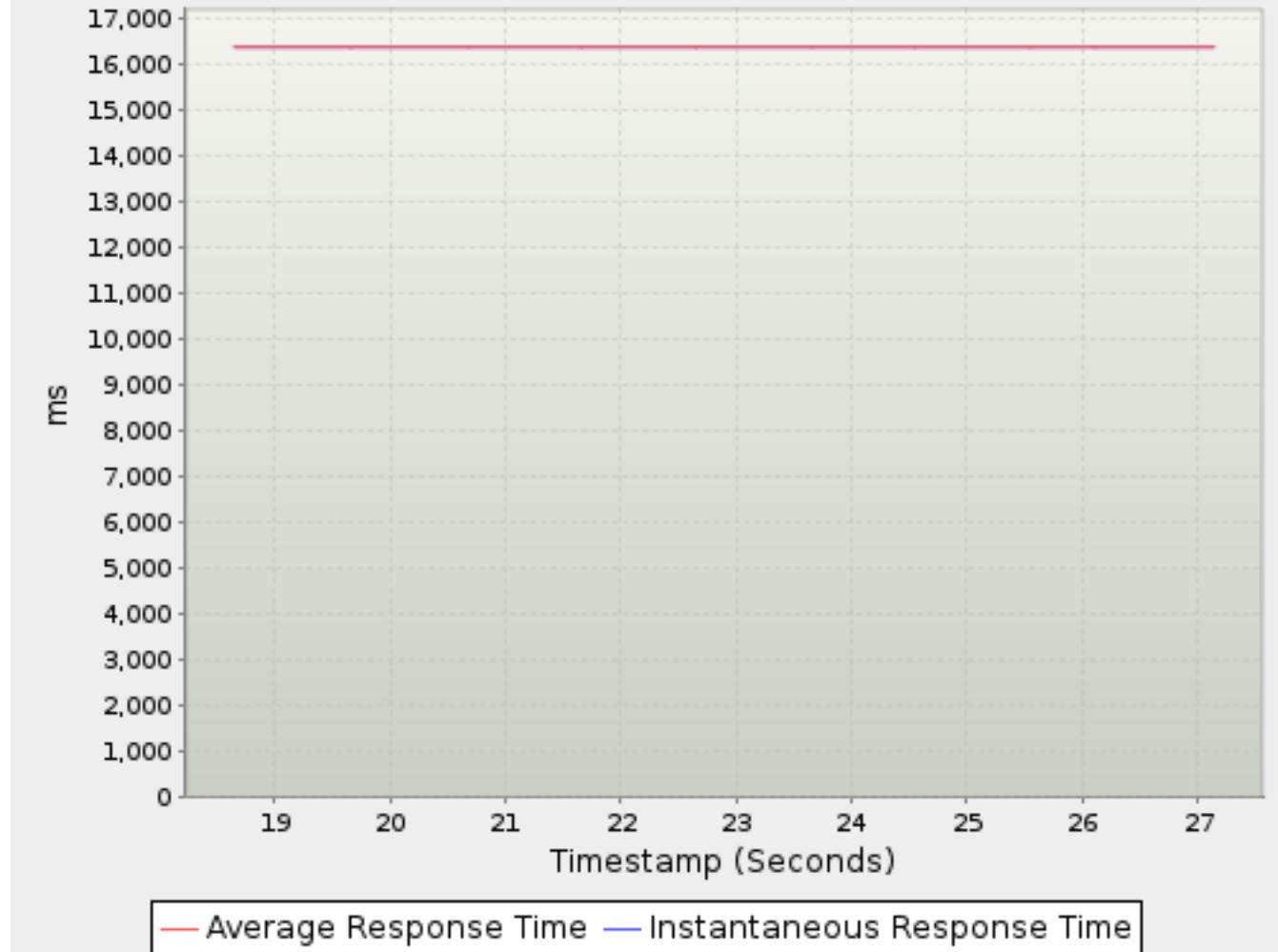
Timestamp Seconds	Average Response Time		Instantaneous Response Time Milliseconds
	Milliseconds	Microseconds	
0.647	0.0000	0.0000	0.0000
1.649	0.9921	0.9921	0.9921
2.554	0.5223	0.5223	1.1029
3.648	0.3234	0.3234	0.0067
4.647	0.2463	0.2463	0.0082
5.669	0.1989	0.1989	0.0082
6.652	0.1654	0.1654	0.0078
7.651	0.1418	0.1418	0.0079
8.652	0.1228	0.1228	0.0073
9.650	0.1088	0.1088	0.0076
10.651	0.0991	0.0991	0.0087
11.647	0.0903	0.0903	0.0081
12.659	0.0903	0.0903	0.0081
13.661	0.0903	0.0903	0.0081
14.660	0.0903	0.0903	0.0081
15.554	0.0903	0.0903	0.0081
16.667	0.0903	0.0903	0.0081
17.665	0.0903	0.0903	0.0081
18.659	0.0903	0.0903	0.0081
19.667	0.0903	0.0903	0.0081
20.686	0.0903	0.0903	0.0081
21.659	0.0903	0.0903	0.0081
22.658	0.0903	0.0903	0.0081
23.657	0.0903	0.0903	0.0081

Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
24.553	0.0903	0.0081
25.553	0.0903	0.0081
26.108	0.0903	0.0081
27.137	0.0903	0.0081

7.25.9.8. Application Response Time: SAP**7.25.9.8 : Application Response Time: SAP**

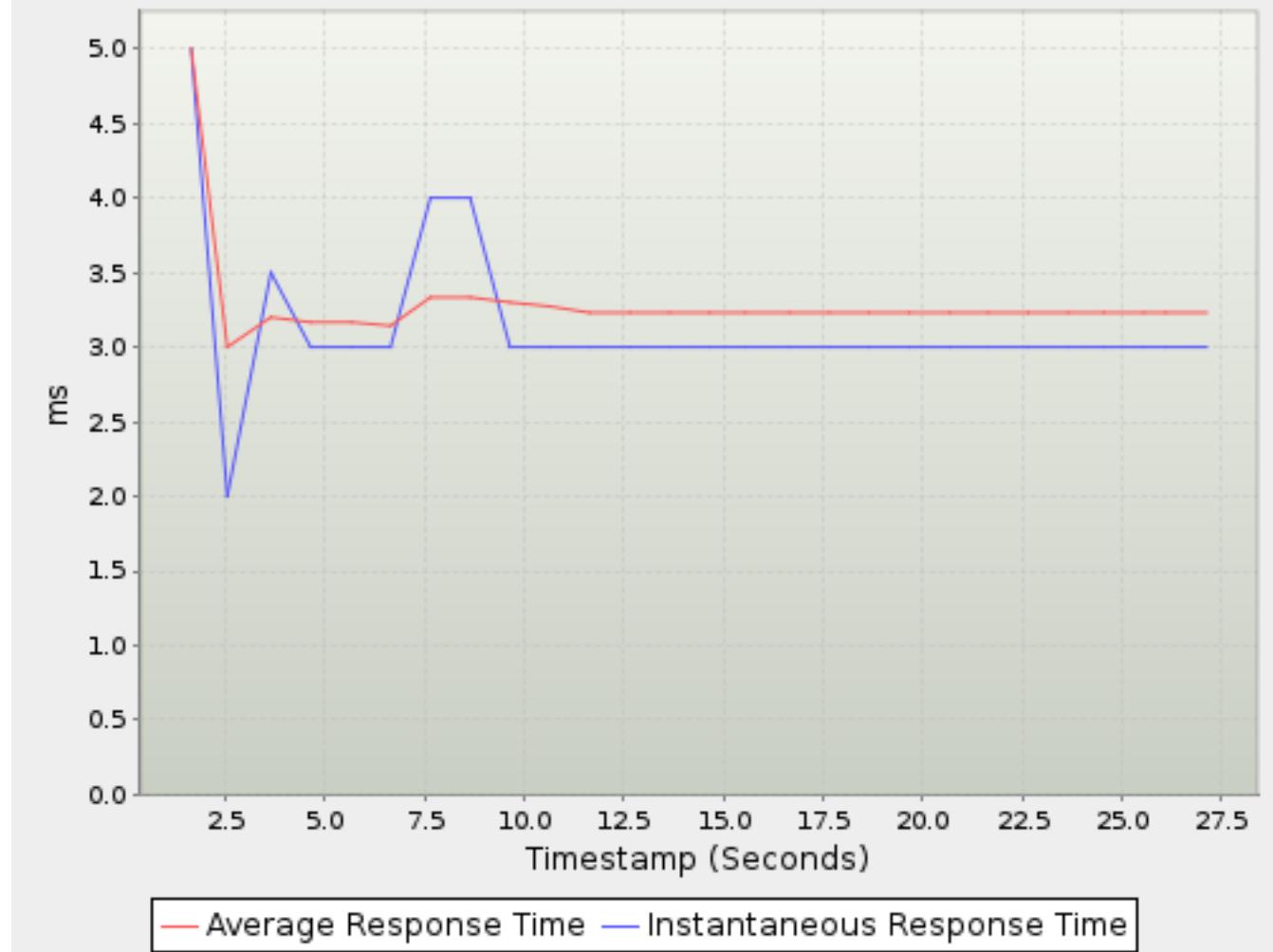
Timestamp Seconds	Average Response Time		Instantaneous Response Time
			Milliseconds
0.647	0.0000		0.0000
1.649	0.0000		0.0000
2.554	0.0000		0.0000
3.648	0.0000		0.0000
4.647	0.0000		0.0000
5.669	0.0000		0.0000
6.652	0.0000		0.0000
7.651	0.0000		0.0000
8.652	0.0000		0.0000
9.650	0.0000		0.0000
10.651	0.0000		0.0000
11.647	0.0000		0.0000
12.659	0.0000		0.0000
13.661	0.0000		0.0000
14.660	0.0000		0.0000
15.554	0.0000		0.0000
16.667	0.0000		0.0000
17.665	0.0000		0.0000
18.659	0.0000		0.0000
19.667	0.0000		0.0000
20.686	0.0000		0.0000
21.659	0.0000		0.0000
22.658	0.0000		0.0000
23.657	0.0000		0.0000

Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
24.553	0.0000	0.0000
25.553	0.0000	0.0000
26.108	0.0000	0.0000
27.137	0.0000	0.0000

7.25.9.9. Application Response Time: SIP**7.25.9.9 : Application Response Time: SIP**

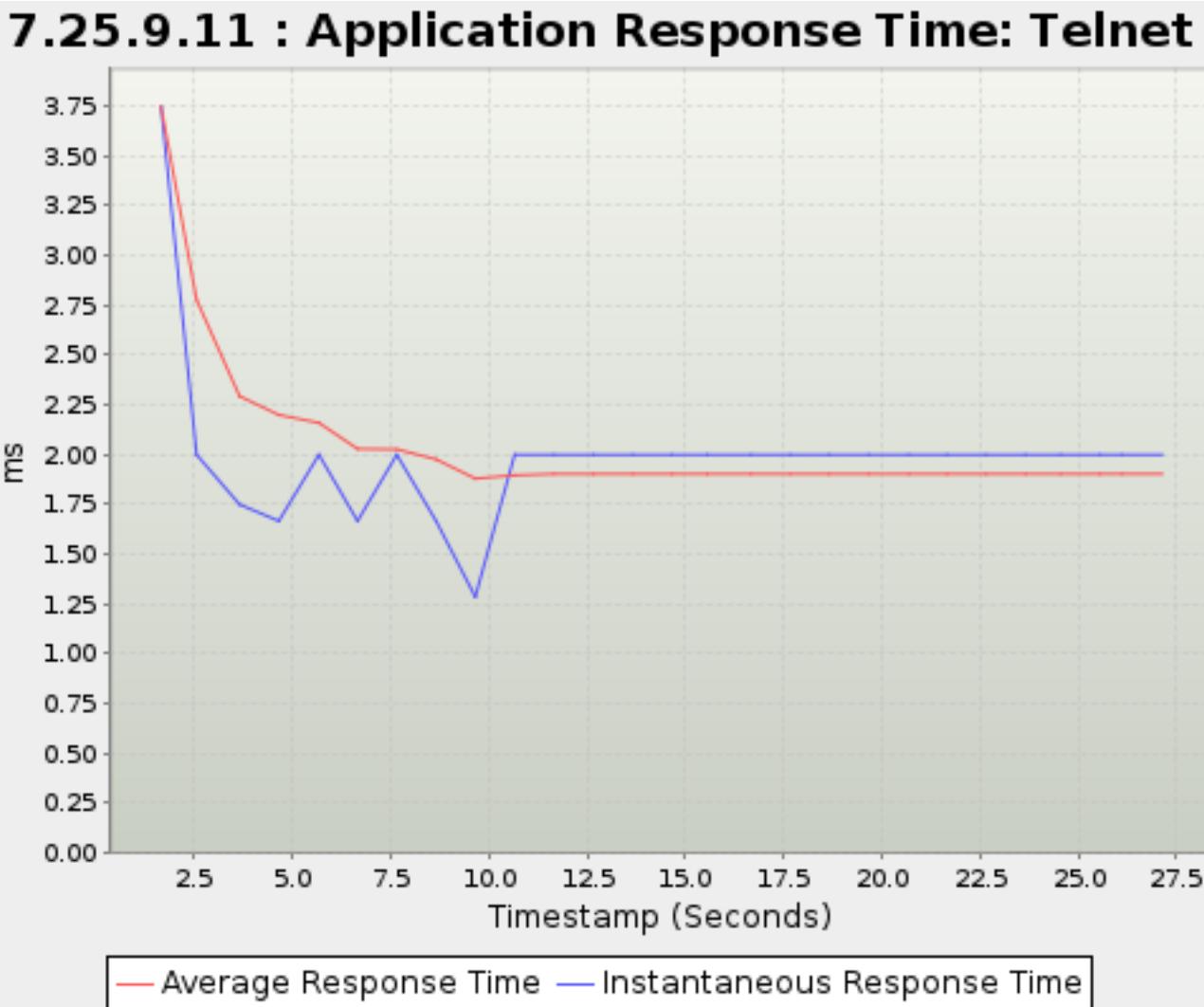
Timestamp Seconds	Average Response Time		Instantaneous Response Time
	Milliseconds	Microseconds	
1.649	0.0000	0.0000	0.0000
2.554	0.0000	0.0000	0.0000
3.648	0.0000	0.0000	0.0000
4.647	0.0000	0.0000	0.0000
5.669	0.0000	0.0000	0.0000
6.652	0.0000	0.0000	0.0000
7.651	0.0000	0.0000	0.0000
8.652	0.0000	0.0000	0.0000
9.650	0.0000	0.0000	0.0000
10.651	0.0000	0.0000	0.0000
11.647	0.0000	0.0000	0.0000
12.659	0.0000	0.0000	0.0000
13.661	0.0000	0.0000	0.0000
14.660	0.0000	0.0000	0.0000
15.554	0.0000	0.0000	0.0000
16.667	0.0000	0.0000	0.0000
17.665	0.0000	0.0000	0.0000
18.659	16,365.7500	16,365.7500	16,365.7500
19.667	16,365.7500	16,365.7500	16,365.7500
20.686	16,365.7500	16,365.7500	16,365.7500
21.659	16,365.7500	16,365.7500	16,365.7500
22.658	16,365.7500	16,365.7500	16,365.7500
23.657	16,365.7500	16,365.7500	16,365.7500
24.553	16,365.7500	16,365.7500	16,365.7500

Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
25.553	16,365.7500	16,365.7500
26.108	16,365.7500	16,365.7500
27.137	16,365.7500	16,365.7500

7.25.9.10. Application Response Time: SMTP**7.25.9.10 : Application Response Time: SMTP**

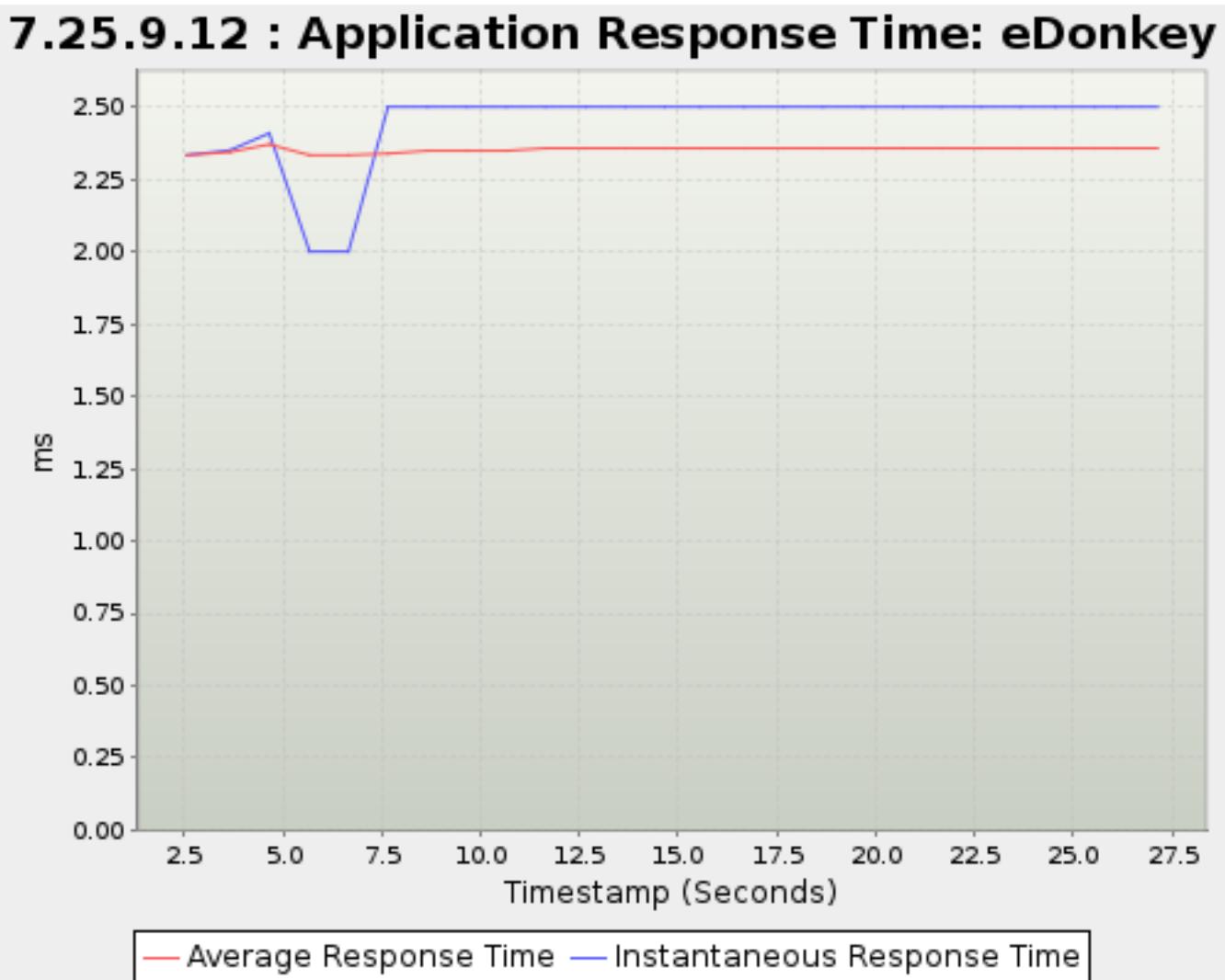
Timestamp Seconds	Average Response Time		Instantaneous Response Time Milliseconds
	Milliseconds	Seconds	
1.649	5		5
2.554	3		2
3.648	3.2000		3.5000
4.647	3.1667		3
5.669	3.1667		3
6.652	3.1429		3
7.651	3.3333		4
8.652	3.3333		4
9.650	3.3000		3
10.651	3.2727		3
11.647	3.2308		3
12.659	3.2308		3
13.661	3.2308		3
14.660	3.2308		3
15.554	3.2308		3
16.667	3.2308		3
17.665	3.2308		3
18.659	3.2308		3
19.667	3.2308		3
20.686	3.2308		3
21.659	3.2308		3
22.658	3.2308		3
23.657	3.2308		3
24.553	3.2308		3

Timestamp	Average Response Time		Instantaneous Response Time
	<i>Seconds</i>	<i>Milliseconds</i>	
25.553	3.2308	3	
26.108	3.2308	3	
27.137	3.2308	3	

7.25.9.11. Application Response Time: Telnet

Timestamp Seconds	Average Response Time		Instantaneous Response Time
	Milliseconds	Microseconds	
1.649	3.7500	3.7500	
2.554	2.7778	2	
3.648	2.2941	1.7500	
4.647	2.2000	1.6667	
5.669	2.1600	2	
6.652	2.0294	1.6667	
7.651	2.0270	2	
8.652	1.9767	1.6667	
9.650	1.8800	1.2857	
10.651	1.8966	2	
11.647	1.9032	2	
12.659	1.9032	2	
13.661	1.9032	2	
14.660	1.9032	2	
15.554	1.9032	2	
16.667	1.9032	2	
17.665	1.9032	2	
18.659	1.9032	2	
19.667	1.9032	2	
20.686	1.9032	2	
21.659	1.9032	2	
22.658	1.9032	2	
23.657	1.9032	2	
24.553	1.9032	2	

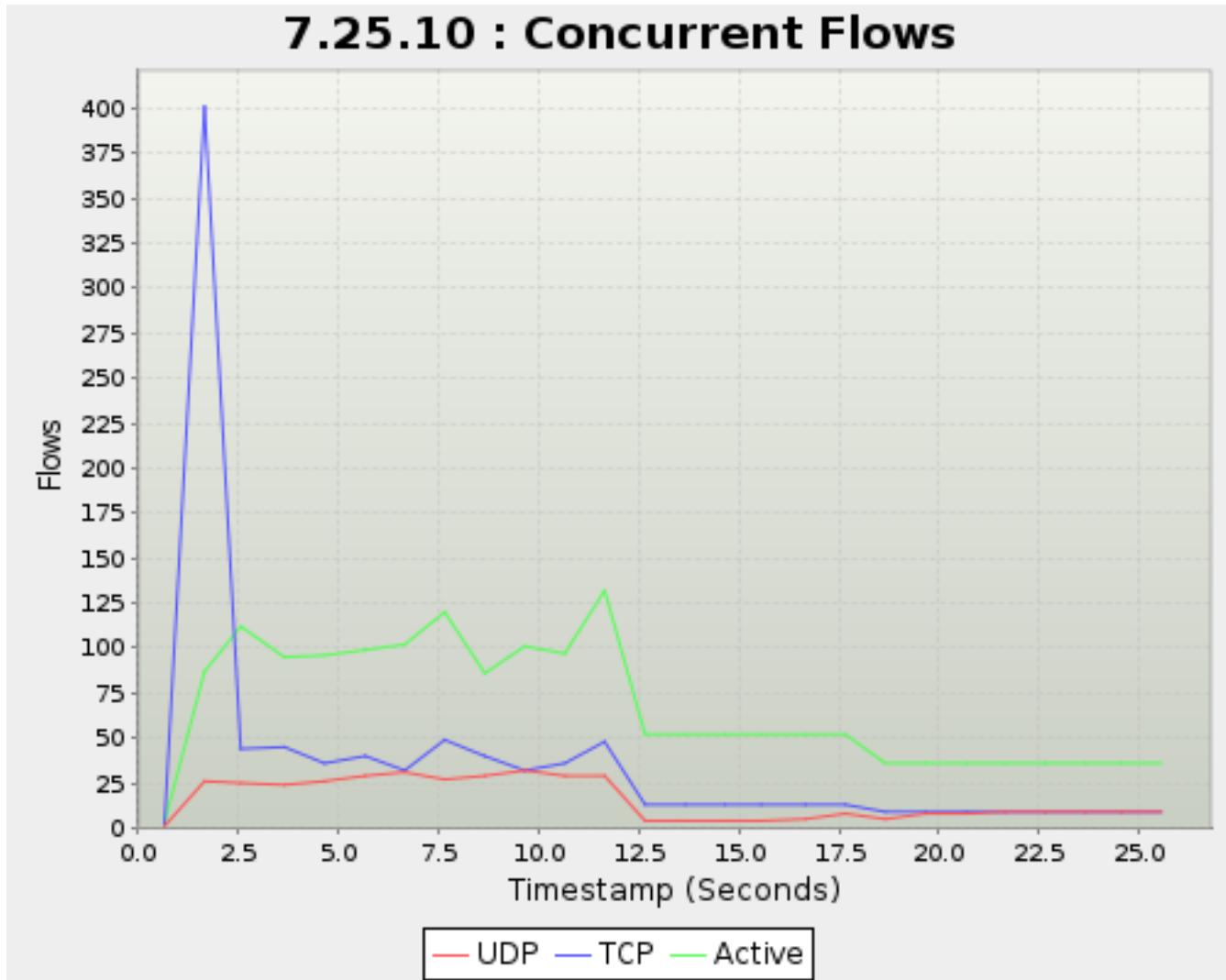
Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
25.553	1.9032	2
26.108	1.9032	2
27.137	1.9032	2

7.25.9.12. Application Response Time: eDonkey

Timestamp Seconds	Average Response Time Milliseconds	Instantaneous Response Time Milliseconds
2.554	2.3333	2.3333
3.648	2.3438	2.3500
4.647	2.3704	2.4091
5.669	2.3333	2
6.652	2.3333	2
7.651	2.3387	2.5000
8.652	2.3485	2.5000
9.650	2.3485	2.5000
10.651	2.3485	2.5000
11.647	2.3571	2.5000
12.659	2.3571	2.5000
13.661	2.3571	2.5000
14.660	2.3571	2.5000
15.554	2.3571	2.5000
16.667	2.3571	2.5000
17.665	2.3571	2.5000
18.659	2.3571	2.5000
19.667	2.3571	2.5000
20.686	2.3571	2.5000
21.659	2.3571	2.5000
22.658	2.3571	2.5000
23.657	2.3571	2.5000
24.553	2.3571	2.5000
25.553	2.3571	2.5000

Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
26.108	2.3571	2.5000
27.137	2.3571	2.5000

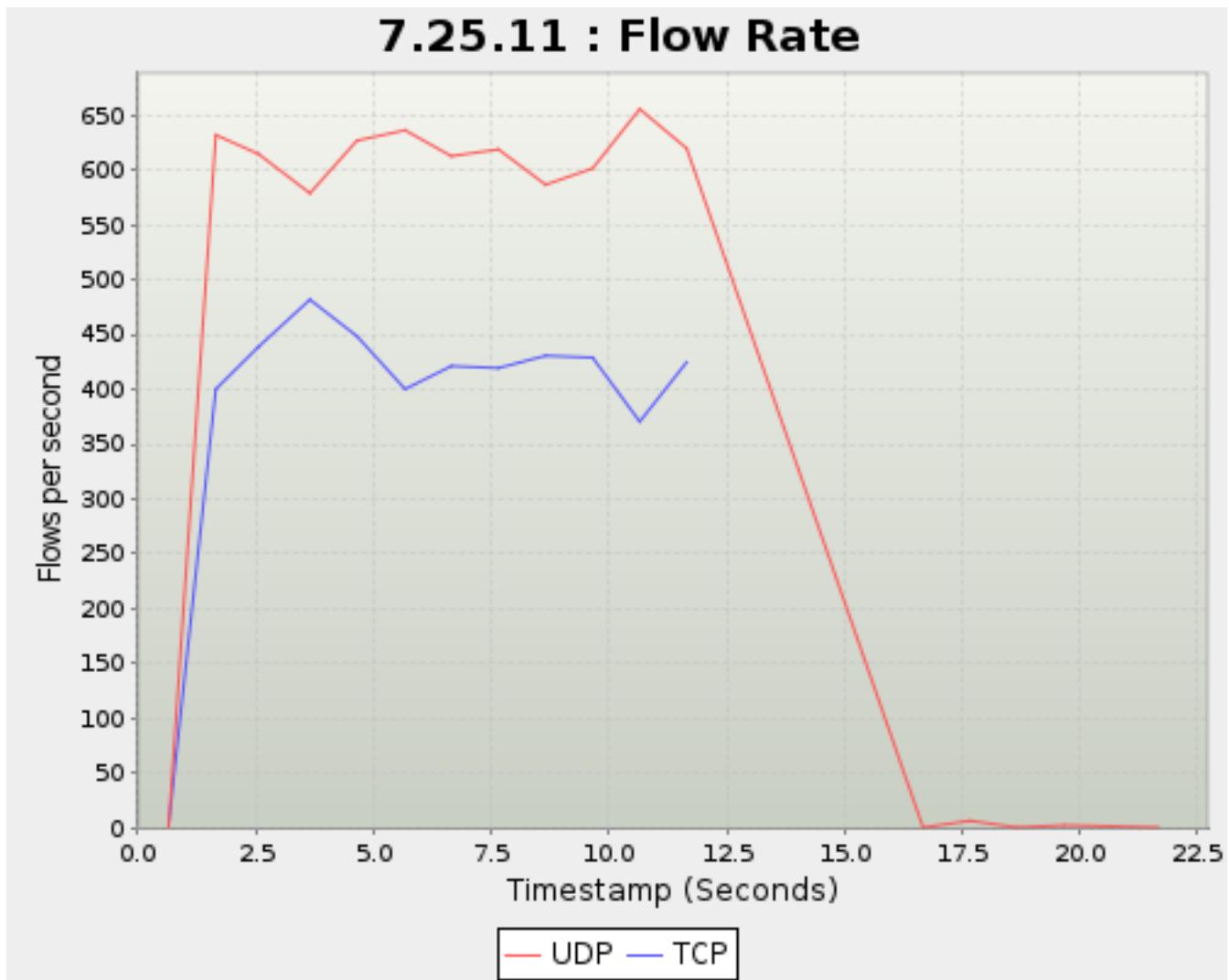
7.25.10. Concurrent Flows



Timestamp Seconds	UDP		TCP		Active
	Flows	Flows	Flows	Flows	
0.647	1	2	2	3	3
1.649	26	401	401	87	87
2.554	25	44	44	112	112
3.648	24	45	45	95	95
4.647	26	36	36	96	96
5.669	29	40	40	99	99
6.652	31	32	32	102	102
7.651	27	49	49	120	120
8.652	29	40	40	86	86
9.650	32	32	32	101	101
10.651	29	36	36	97	97
11.647	29	48	48	132	132
12.659	4	13	13	52	52
13.661	4	13	13	52	52
14.660	4	13	13	52	52
15.554	4	13	13	52	52
16.667	5	13	13	52	52
17.665	8	13	13	52	52
18.659	5	9	9	36	36
19.667	8	9	9	36	36
20.686	8	9	9	36	36
21.659	9	9	9	36	36
22.658	9	9	9	36	36
23.657	9	9	9	36	36

Timestamp	UDP	TCP	Active
<i>Seconds</i>			
24.553	9	9	36
25.553	9	9	36
26.108	0	0	0
27.137	0	0	0

7.25.11. Flow Rate

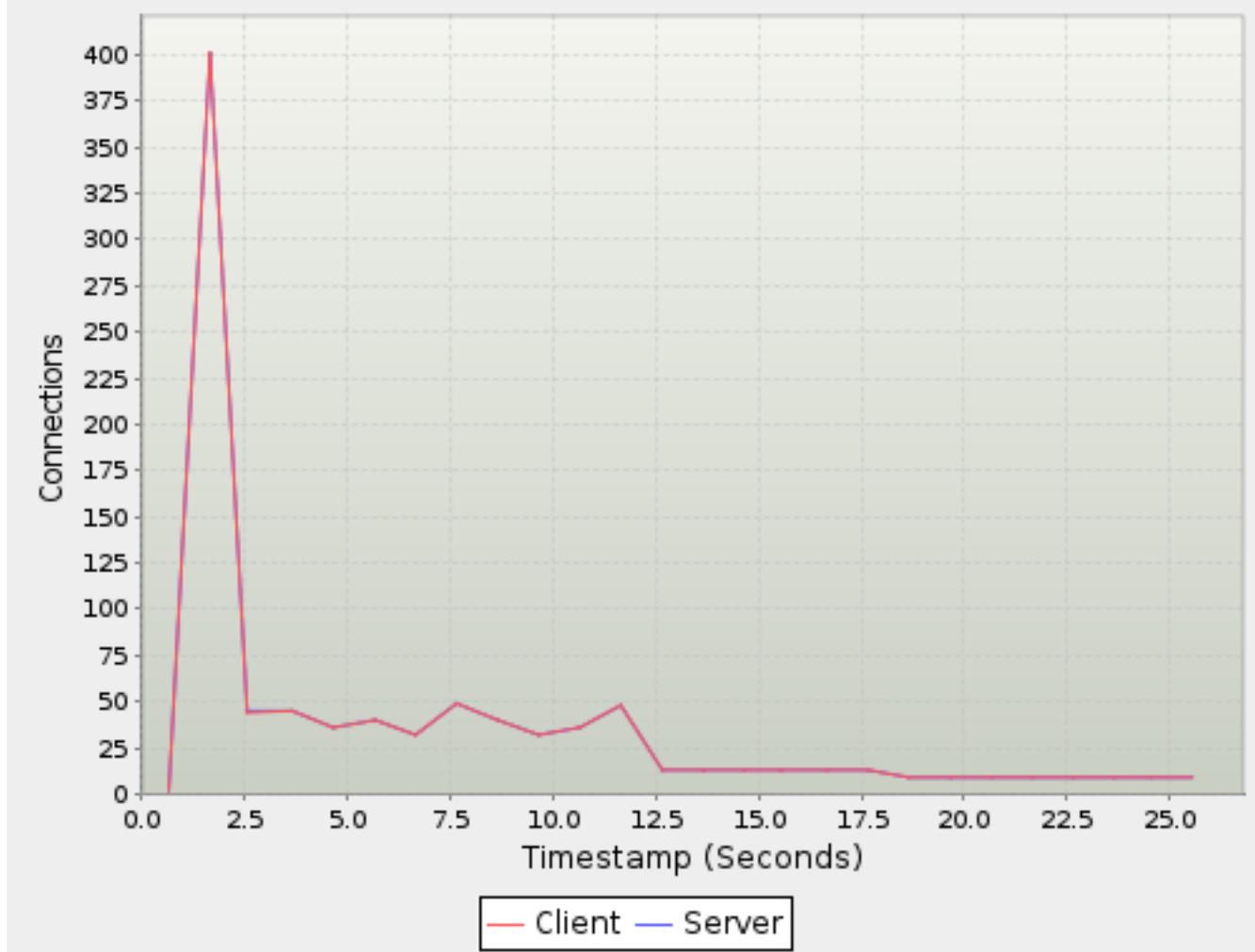


Timestamp	UDP	TCP
Seconds		Flows/s
0.647	1.546	3.091
1.649	631.7	400.2
2.554	614.4	438.7
3.648	578.6	481.7
4.647	626.6	448.4
5.669	~636	400.2
6.652	612.4	421.2
7.651	618.6	419.4
8.652	586.4	430.6
9.650	601.2	428.9
10.651	655.3	370.6
11.647	619.5	424.7
12.659	0	0
13.661	0	0
14.660	0	0
15.554	0	0
16.667	0.8985	0
17.665	7.014	0
18.659	1.006	0
19.667	2.976	0
20.686	0	0
21.659	1.028	0
22.658	0	0
23.657	0	0

Timestamp	UDP	TCP
Seconds		Flows/s
24.553	0	0
25.553	0	0
26.108	0	0
27.137	0	0

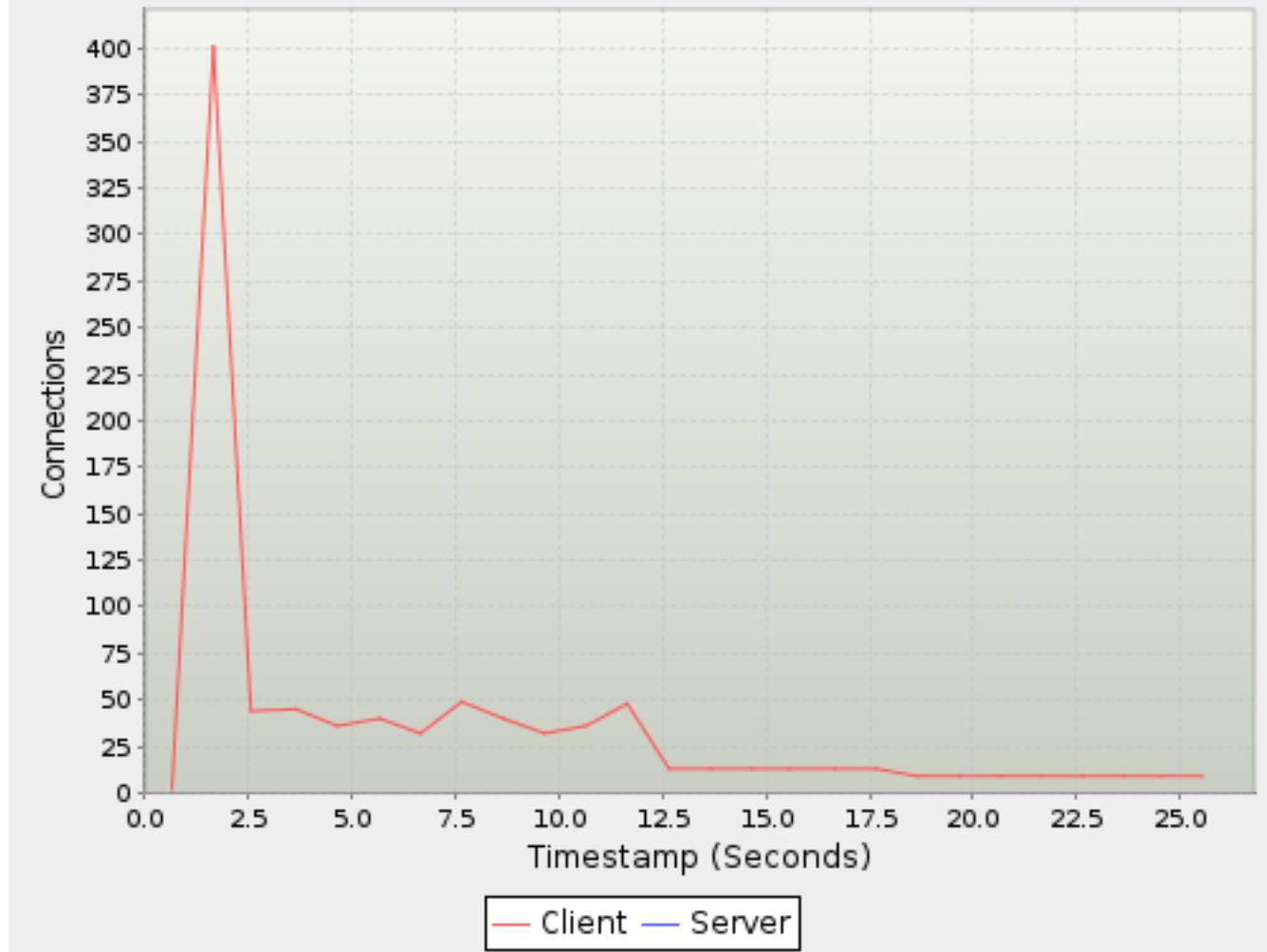
7.25.12. TCP Concurrent Connections

7.25.12 : TCP Concurrent Connections



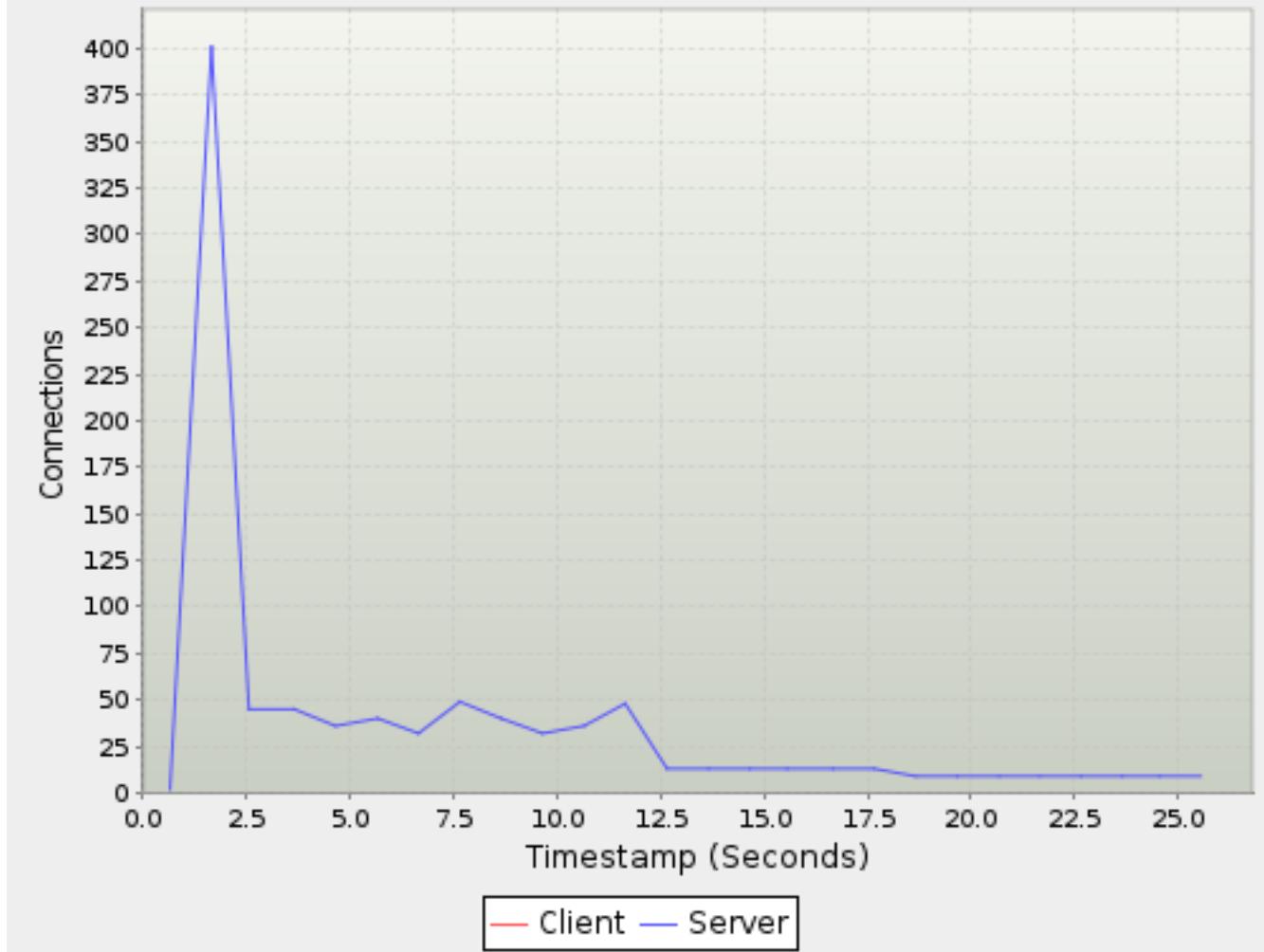
Timestamp	Seconds	TCP Sessions	
		Client	Server
0.647		2	2
1.649		401	401
2.554		44	45
3.648		45	45
4.647		36	36
5.669		40	40
6.652		32	32
7.651		49	49
8.652		40	40
9.650		32	32
10.651		36	36
11.647		48	48
12.659		13	13
13.661		13	13
14.660		13	13
15.554		13	13
16.667		13	13
17.665		13	13
18.659		9	9
19.667		9	9
20.686		9	9
21.659		9	9
22.658		9	9
23.657		9	9

Timestamp	Client	Server
Seconds		<i>TCP Sessions</i>
24.553	9	9
25.553	9	9
26.108	0	0
27.137	0	0

7.25.12.1. TCP Concurrent Connections: 1**7.25.12.1 : TCP Concurrent Connections: 1**

Timestamp	Client	Server
Seconds		TCP Sessions
0.647	2	0
1.649	401	0
2.554	44	0
3.648	45	0
4.647	36	0
5.669	40	0
6.652	32	0
7.651	49	0
8.652	40	0
9.650	32	0
10.651	36	0
11.647	48	0
12.659	13	0
13.661	13	0
14.660	13	0
15.554	13	0
16.667	13	0
17.665	13	0
18.659	9	0
19.667	9	0
20.686	9	0
21.659	9	0
22.658	9	0
23.657	9	0

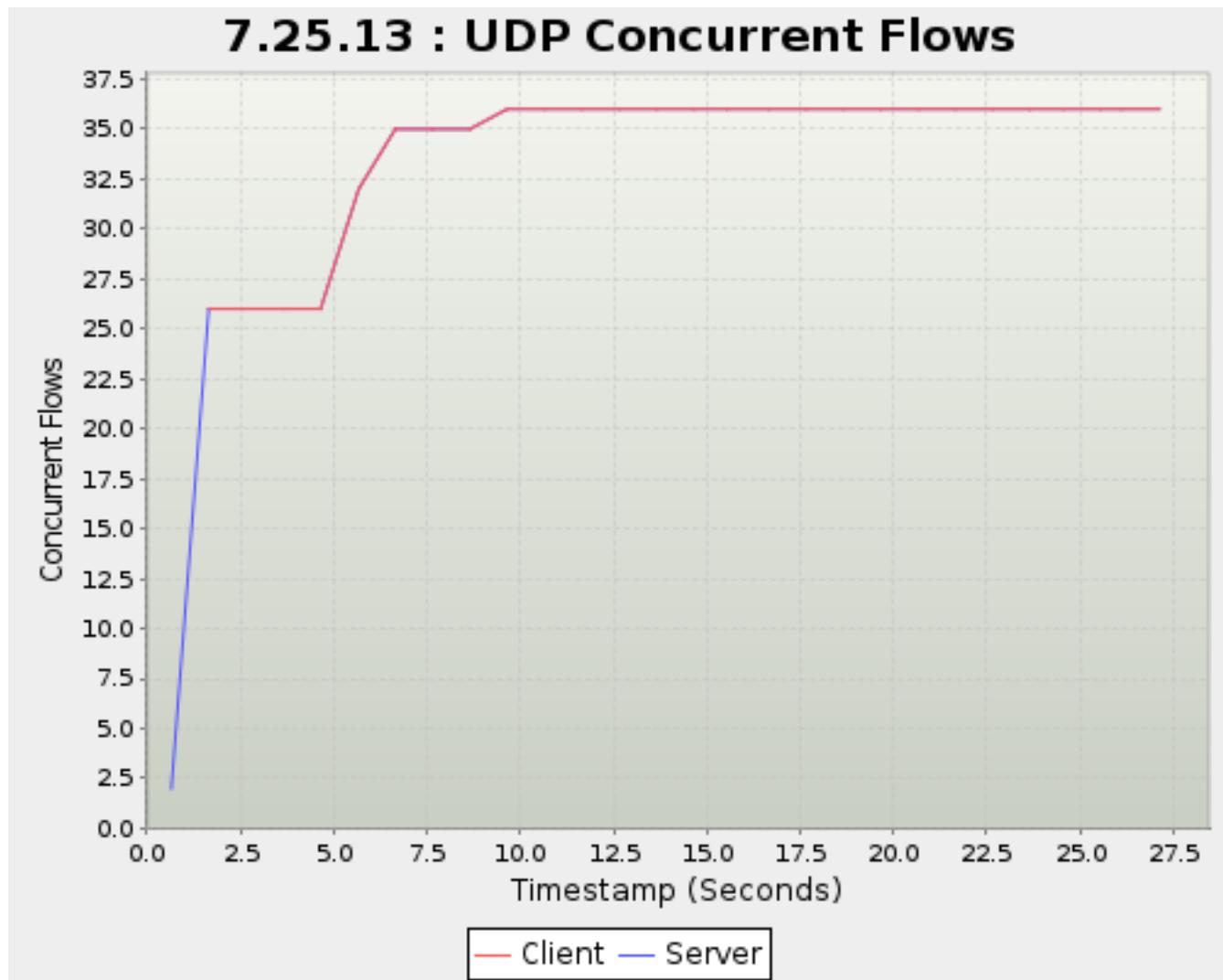
Timestamp	Client	Server
Seconds		<i>TCP Sessions</i>
24.553	9	0
25.553	9	0
26.108	0	0
27.137	0	0

7.25.12.2. TCP Concurrent Connections: 2**7.25.12.2 : TCP Concurrent Connections: 2**

Timestamp	Client	Server
Seconds		TCP Sessions
0.647	0	2
1.649	0	401
2.554	0	45
3.648	0	45
4.647	0	36
5.669	0	40
6.652	0	32
7.651	0	49
8.652	0	40
9.650	0	32
10.651	0	36
11.647	0	48
12.659	0	13
13.661	0	13
14.660	0	13
15.554	0	13
16.667	0	13
17.665	0	13
18.659	0	9
19.667	0	9
20.686	0	9
21.659	0	9
22.658	0	9
23.657	0	9

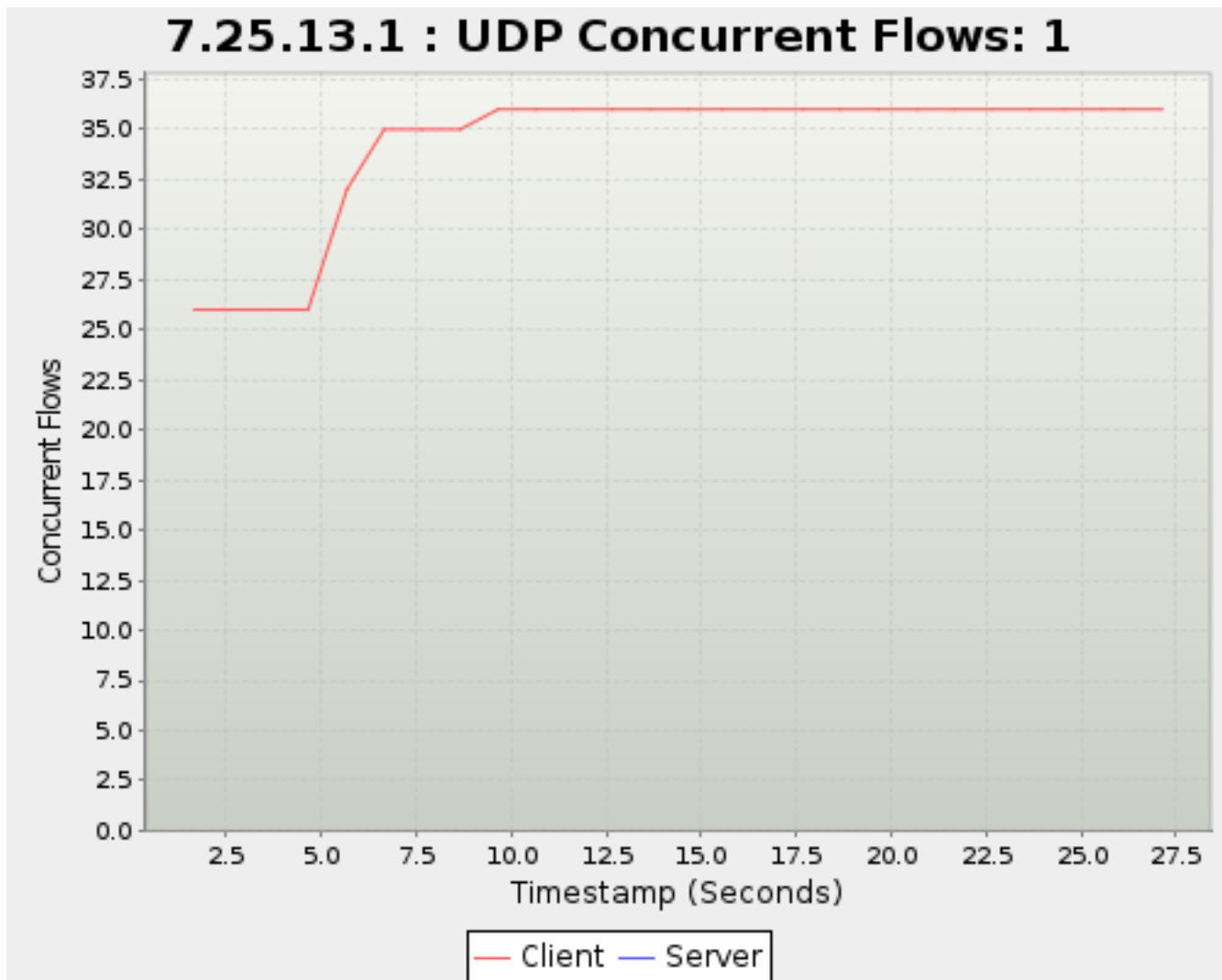
Timestamp	Client	Server
Seconds		<i>TCP Sessions</i>
24.553	0	9
25.553	0	9
26.108	0	0
27.137	0	0

7.25.13. UDP Concurrent Flows



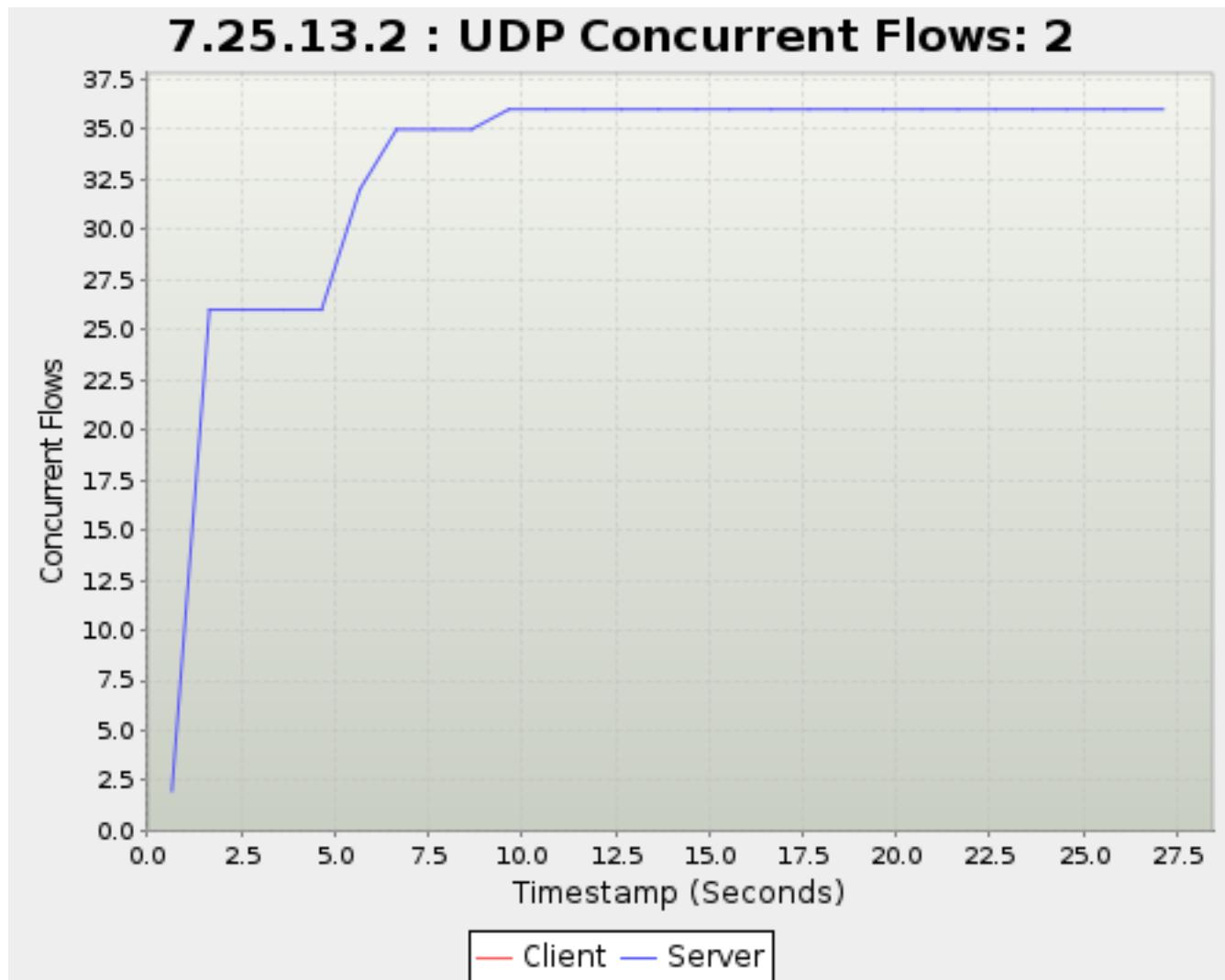
Timestamp	Client	Server
Seconds		UDP Sessions
0.647	0	2
1.649	26	26
2.554	26	26
3.648	26	26
4.647	26	26
5.669	32	32
6.652	35	35
7.651	35	35
8.652	35	35
9.650	36	36
10.651	36	36
11.647	36	36
12.659	36	36
13.661	36	36
14.660	36	36
15.554	36	36
16.667	36	36
17.665	36	36
18.659	36	36
19.667	36	36
20.686	36	36
21.659	36	36
22.658	36	36
23.657	36	36

Timestamp	Client	Server
Seconds		<i>UDP Sessions</i>
24.553	36	36
25.553	36	36
26.108	36	36
27.137	36	36

7.25.13.1. UDP Concurrent Flows: 1

Timestamp	Seconds	Client		Server
		UDP Sessions	Flows	
1.649		26		0
2.554		26		0
3.648		26		0
4.647		26		0
5.669		32		0
6.652		35		0
7.651		35		0
8.652		35		0
9.650		36		0
10.651		36		0
11.647		36		0
12.659		36		0
13.661		36		0
14.660		36		0
15.554		36		0
16.667		36		0
17.665		36		0
18.659		36		0
19.667		36		0
20.686		36		0
21.659		36		0
22.658		36		0
23.657		36		0
24.553		36		0

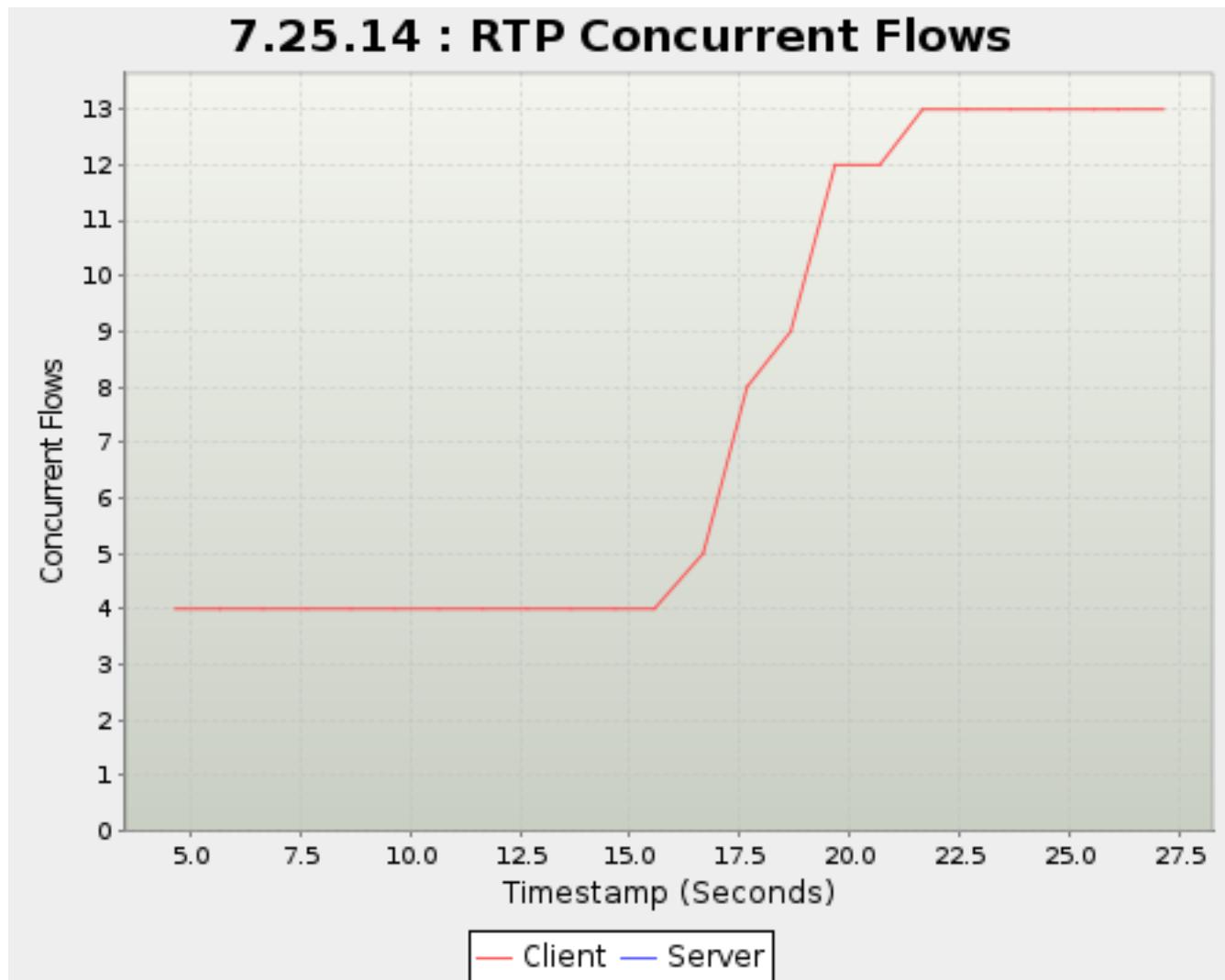
Timestamp	Client	Server
Seconds		<i>UDP Sessions</i>
25.553	36	0
26.108	36	0
27.137	36	0

7.25.13.2. UDP Concurrent Flows: 2

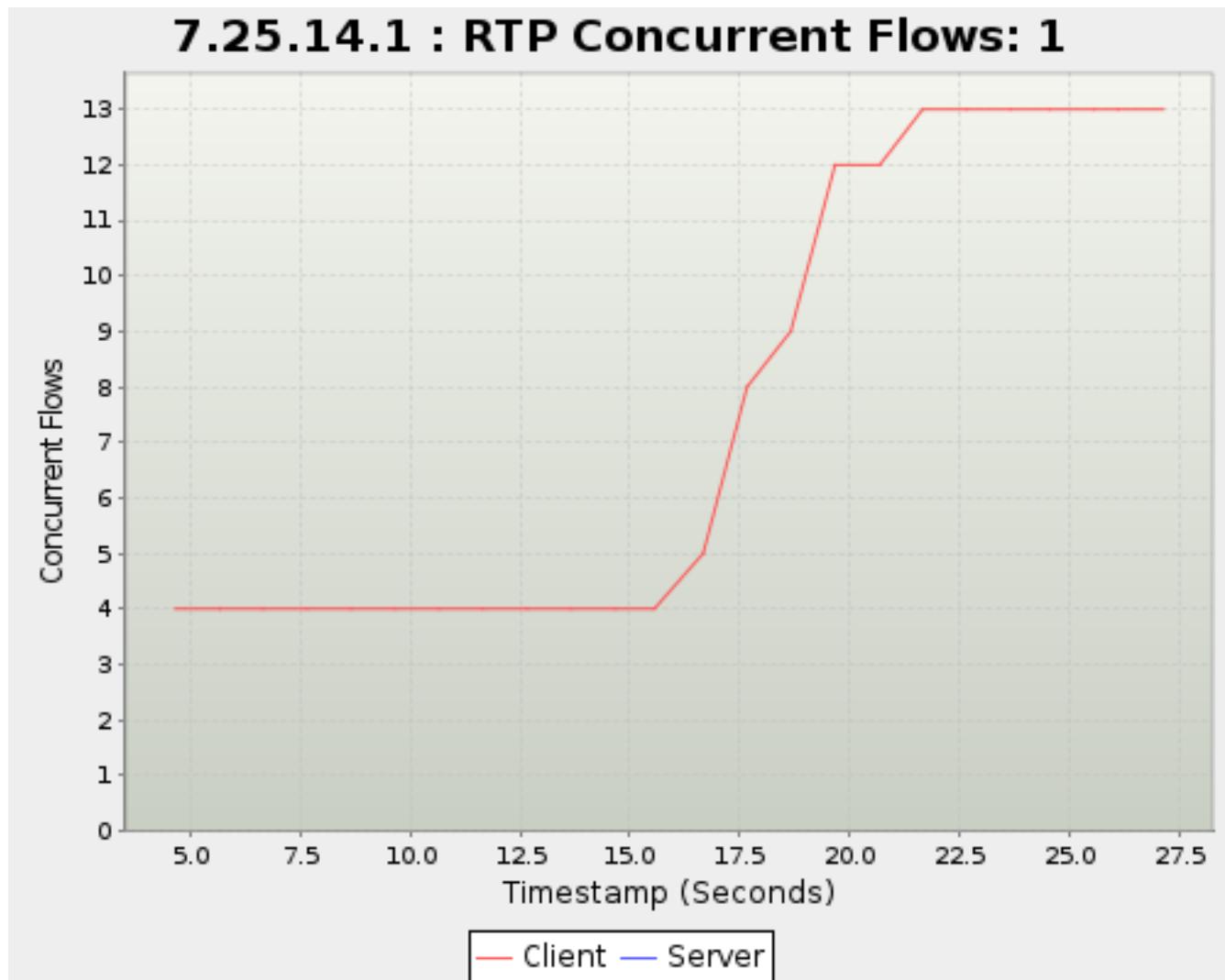
Timestamp	Client	Server
Seconds		UDP Sessions
0.647	0	2
1.649	0	26
2.554	0	26
3.648	0	26
4.647	0	26
5.669	0	32
6.652	0	35
7.651	0	35
8.652	0	35
9.650	0	36
10.651	0	36
11.647	0	36
12.659	0	36
13.661	0	36
14.660	0	36
15.554	0	36
16.667	0	36
17.665	0	36
18.659	0	36
19.667	0	36
20.686	0	36
21.659	0	36
22.658	0	36
23.657	0	36

Timestamp	Client	Server
Seconds		<i>UDP Sessions</i>
24.553	0	36
25.553	0	36
26.108	0	36
27.137	0	36

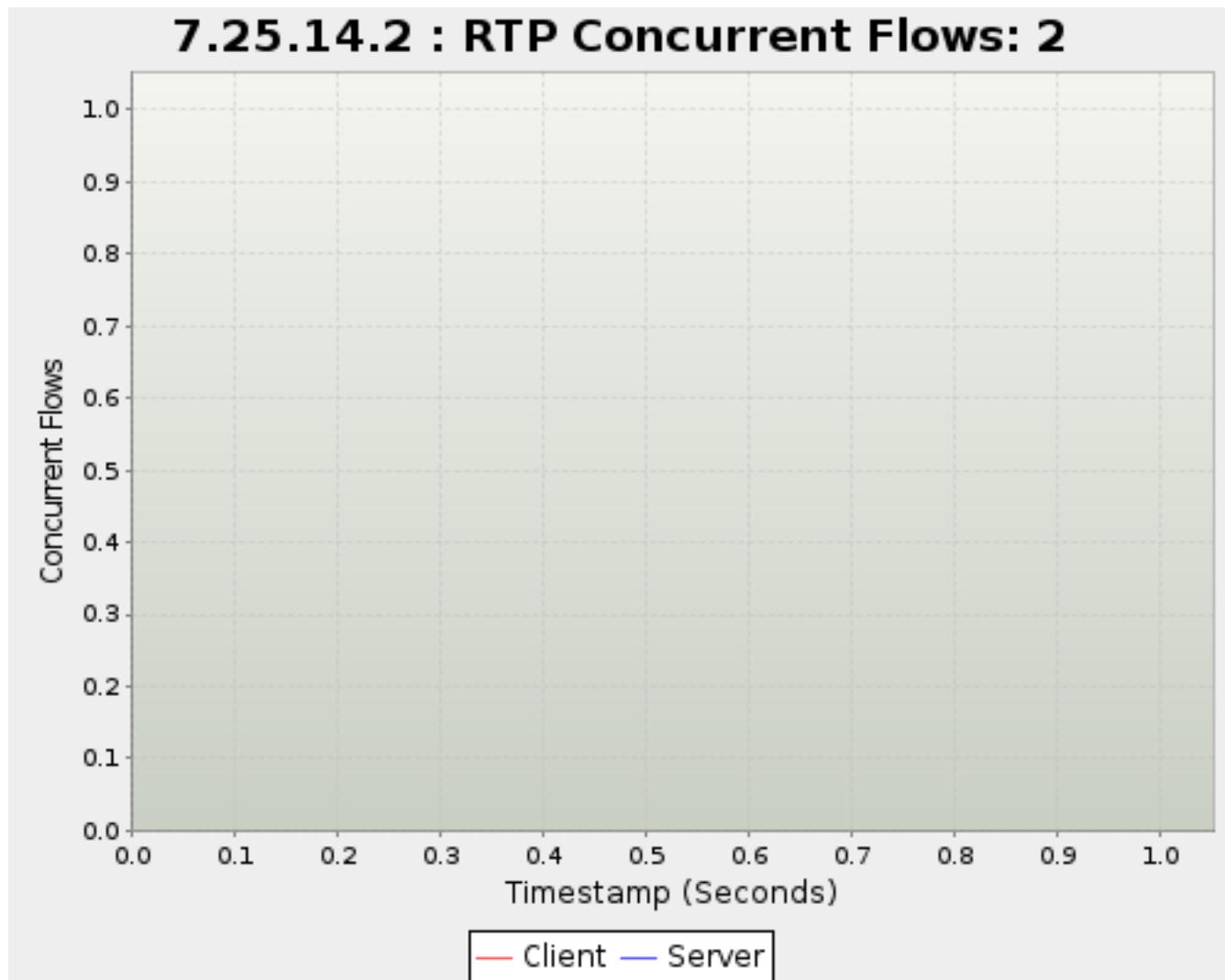
7.25.14. RTP Concurrent Flows



Timestamp	Seconds	RTP Sessions	
		Client	Server
4.647	4		0
5.669	4		0
6.652	4		0
7.651	4		0
8.652	4		0
9.650	4		0
10.651	4		0
11.647	4		0
12.659	4		0
13.661	4		0
14.660	4		0
15.554	4		0
16.667	5		0
17.665	8		0
18.659	9		0
19.667	12		0
20.686	12		0
21.659	13		0
22.658	13		0
23.657	13		0
24.553	13		0
25.553	13		0
26.108	13		0
27.137	13		0

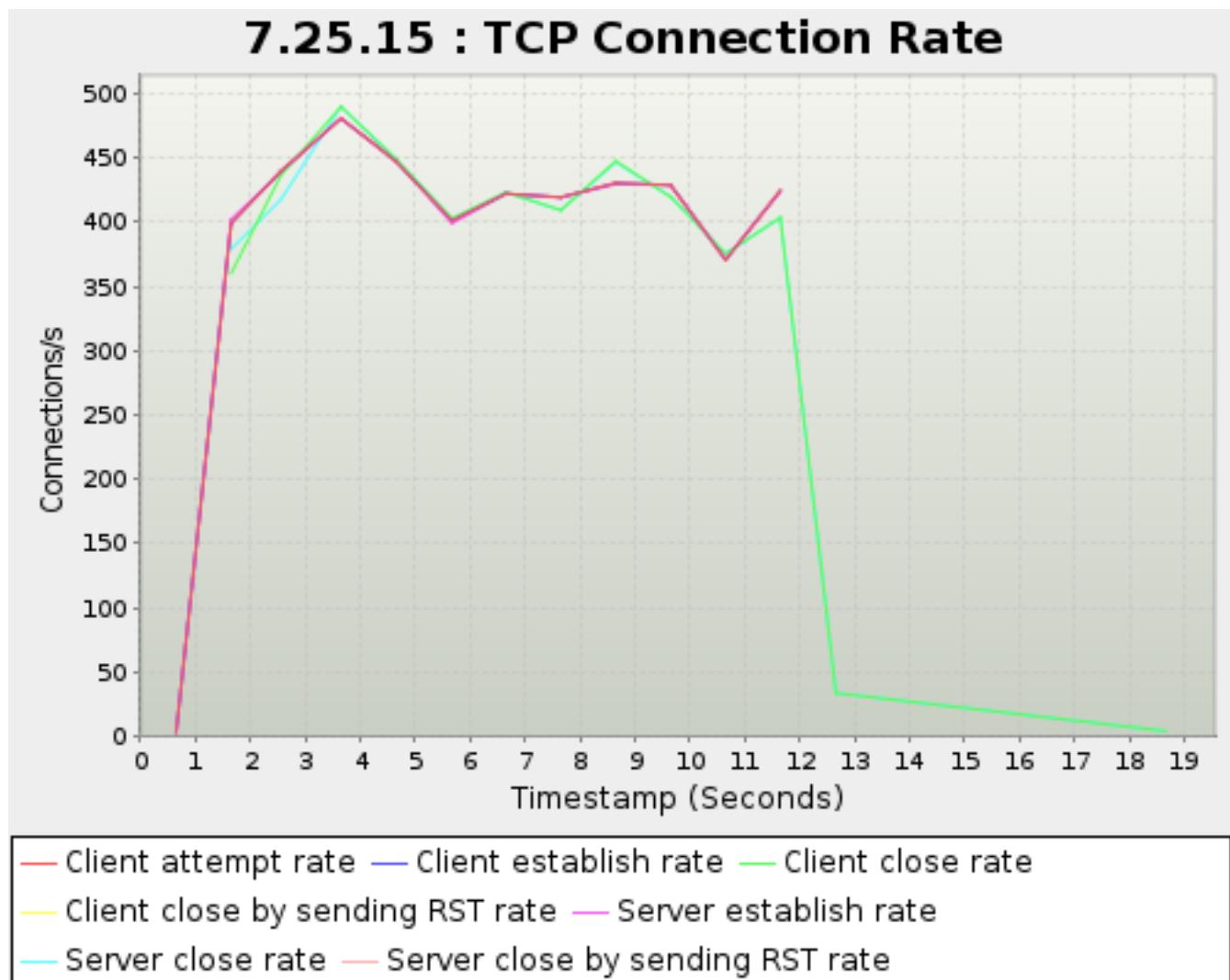
7.25.14.1. RTP Concurrent Flows: 1

Timestamp	Client	Server
Seconds		RTP Sessions
4.647	4	0
5.669	4	0
6.652	4	0
7.651	4	0
8.652	4	0
9.650	4	0
10.651	4	0
11.647	4	0
12.659	4	0
13.661	4	0
14.660	4	0
15.554	4	0
16.667	5	0
17.665	8	0
18.659	9	0
19.667	12	0
20.686	12	0
21.659	13	0
22.658	13	0
23.657	13	0
24.553	13	0
25.553	13	0
26.108	13	0
27.137	13	0

7.25.14.2. RTP Concurrent Flows: 2

Timestamp Seconds	RTP Sessions	
	Client	Server
4.647	0	0
5.669	0	0
6.652	0	0
7.651	0	0
8.652	0	0
9.650	0	0
10.651	0	0
11.647	0	0
12.659	0	0
13.661	0	0
14.660	0	0
15.554	0	0
16.667	0	0
17.665	0	0
18.659	0	0
19.667	0	0
20.686	0	0
21.659	0	0
22.658	0	0
23.657	0	0
24.553	0	0
25.553	0	0
26.108	0	0
27.137	0	0

7.25.15. TCP Connection Rate

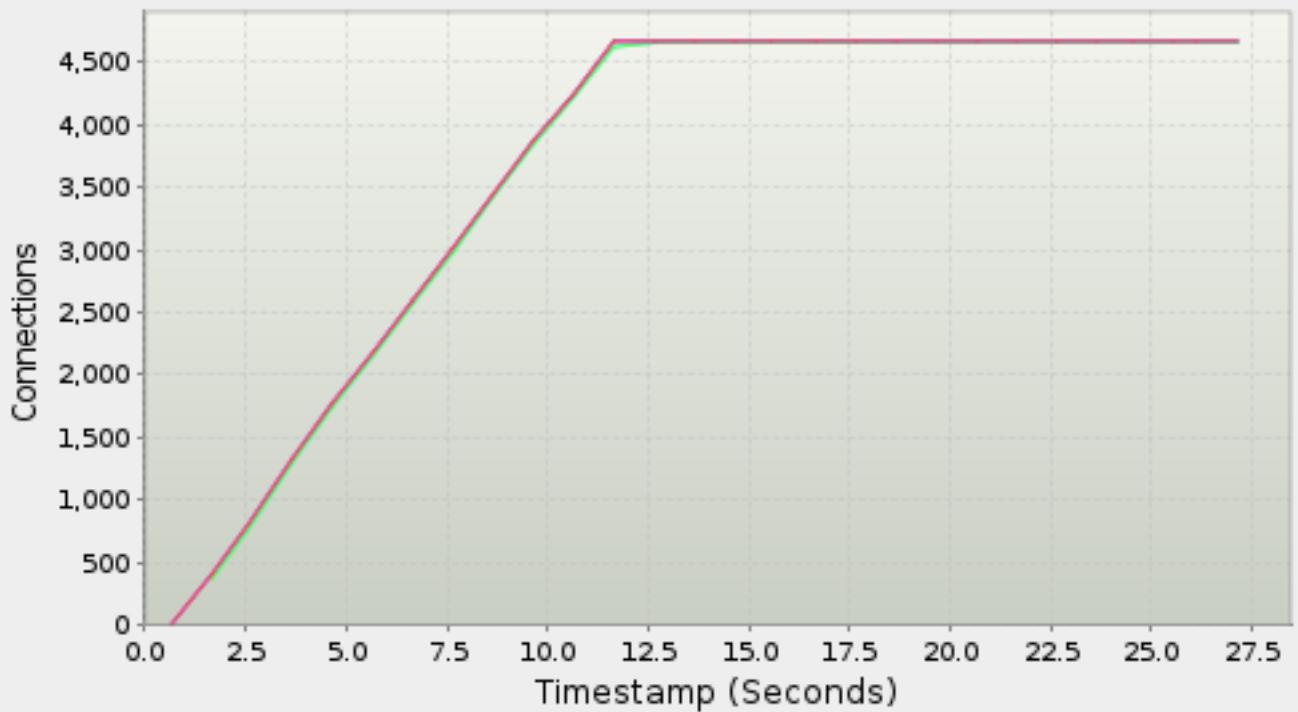


Test Results for simple_appsim

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7.25.16. TCP Aggregate Connections

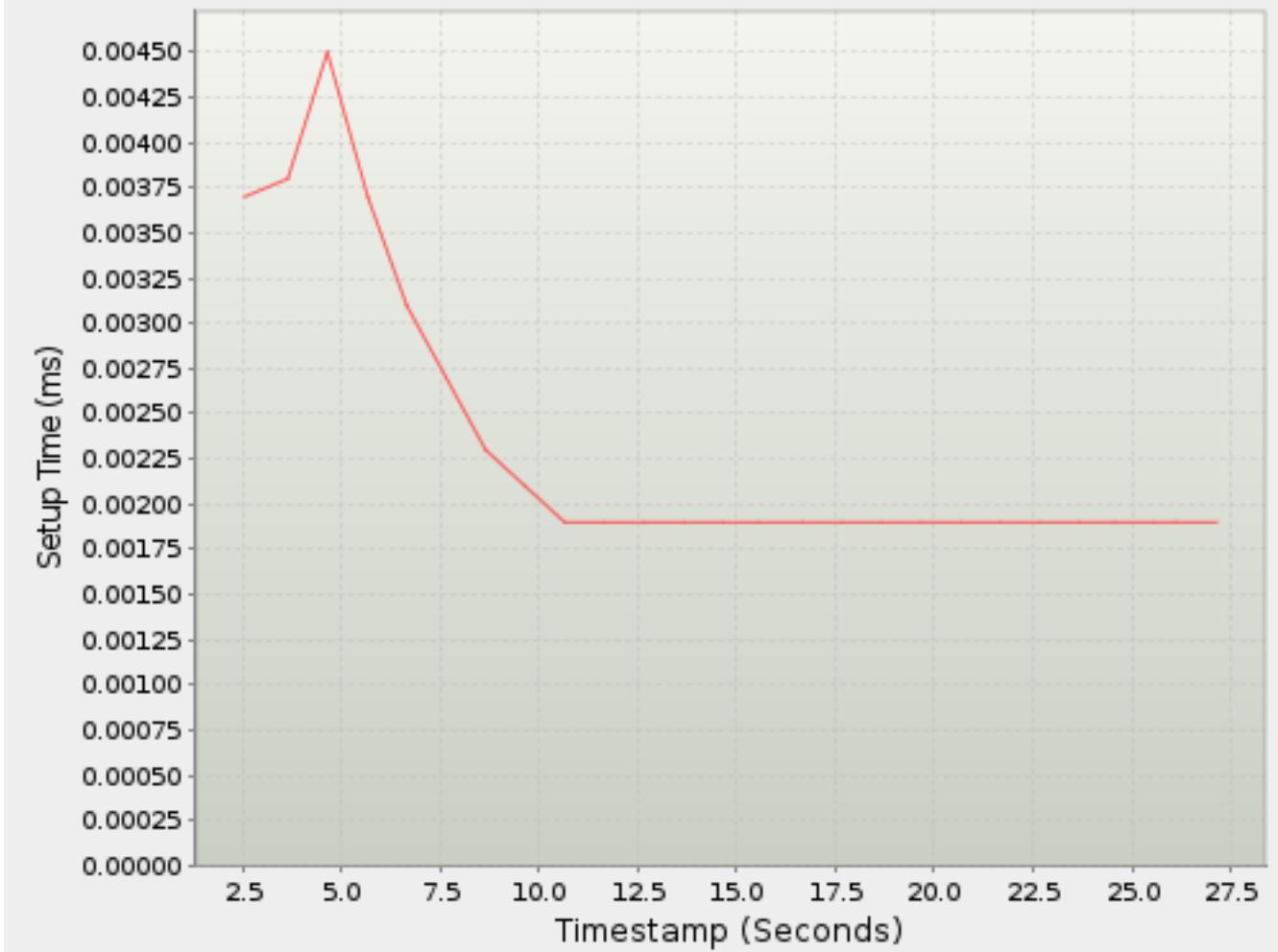
7.25.16 : TCP Aggregate Connections



— Client attempted — Client established — Client closed normally
 — Client closed by sending RST — Server established
 — Server closed normally — Server closed by sending RST
 — TCP open retries — TCP data retries — TCP close retries
 — Aggregate closed by sending RST

Timestamp	Client attempted	Client established	Client closed normally	Client closed by sending RST	Server established	Server closed normally	Server closed by sending RST	TCP open retries	TCP data retries	TCP close retries	Aggregate closed by sending RST
Seconds	TCP Sessions										
0.647	2	2	0	0	2	0	0	0	0	0	0
1.649	402	402	361	0	405	380	0	0	0	0	0
2.554	800	800	756	0	802	758	0	0	0	0	0
3.648	1,326	1,326	1,292	0	1,328	1,294	0	0	0	0	0
4.647	1,773	1,773	1,741	0	1,776	1,743	0	0	0	0	0
5.669	2,183	2,183	2,153	0	2,184	2,154	0	0	0	0	0
6.652	2,598	2,598	2,569	0	2,599	2,570	0	0	0	0	0
7.651	3,017	3,017	2,978	0	3,018	2,979	0	0	0	0	0
8.652	3,448	3,448	3,426	0	3,448	3,426	0	0	0	0	0
9.650	3,876	3,876	3,845	0	3,876	3,845	0	0	0	0	0
10.651	4,247	4,247	4,221	0	4,248	4,221	0	0	0	0	0
11.647	4,670	4,670	4,623	0	4,670	4,623	0	0	0	0	0
12.659	4,670	4,670	4,657	0	4,670	4,657	0	0	0	0	0
13.661	4,670	4,670	4,657	0	4,670	4,657	0	0	0	0	0
14.660	4,670	4,670	4,657	0	4,670	4,657	0	0	0	0	0
15.554	4,670	4,670	4,657	0	4,670	4,657	0	0	0	0	0
16.667	4,670	4,670	4,657	0	4,670	4,657	0	0	0	0	0
17.665	4,670	4,670	4,657	0	4,670	4,657	0	0	0	0	0
18.659	4,670	4,670	4,661	0	4,670	4,661	0	0	0	0	0
19.667	4,670	4,670	4,661	0	4,670	4,661	0	0	0	0	0

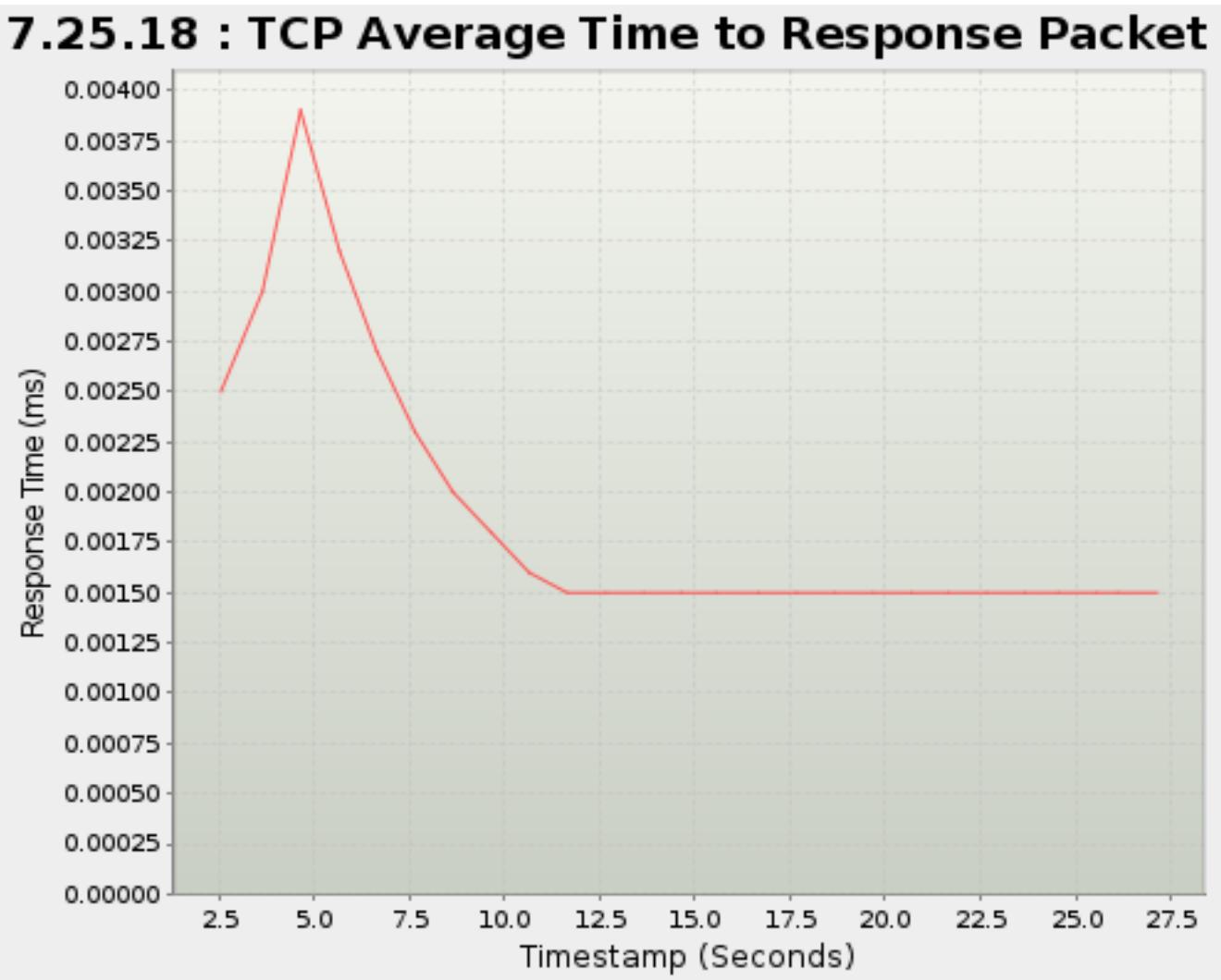
Timestamp	Client attempted	Client established	Client closed normally	Client closed by sending RST	Server established	Server closed normally	Server closed by sending RST	TCP open retries	TCP data retries	TCP close retries	Aggregate closed by sending RST
<i>Seconds</i>											
20.686	4,670	4,670	4,661	0	4,670	4,661	0	0	0	0	0
21.659	4,670	4,670	4,661	0	4,670	4,661	0	0	0	0	0
22.658	4,670	4,670	4,661	0	4,670	4,661	0	0	0	0	0
23.657	4,670	4,670	4,661	0	4,670	4,661	0	0	0	0	0
24.553	4,670	4,670	4,661	0	4,670	4,661	0	0	0	0	0
25.553	4,670	4,670	4,661	0	4,670	4,661	0	0	0	0	0
26.108	4,670	4,670	4,661	0	4,670	4,661	0	0	0	0	0
27.137	4,670	4,670	4,661	0	4,670	4,661	0	0	0	0	0

7.25.17. TCP Average Time to Open**7.25.17 : TCP Average Time to Open**

TCP latency is measured to an accuracy of +/- 1 millisecond.

Timestamp	Setup Time
Seconds	Milliseconds
0.647	0.0000
1.649	0.0000
2.554	0.0037
3.648	0.0038
4.647	0.0045
5.669	0.0037
6.652	0.0031
7.651	0.0027
8.652	0.0023
9.650	0.0021
10.651	0.0019
11.647	0.0019
12.659	0.0019
13.661	0.0019
14.660	0.0019
15.554	0.0019
16.667	0.0019
17.665	0.0019
18.659	0.0019
19.667	0.0019
20.686	0.0019
21.659	0.0019

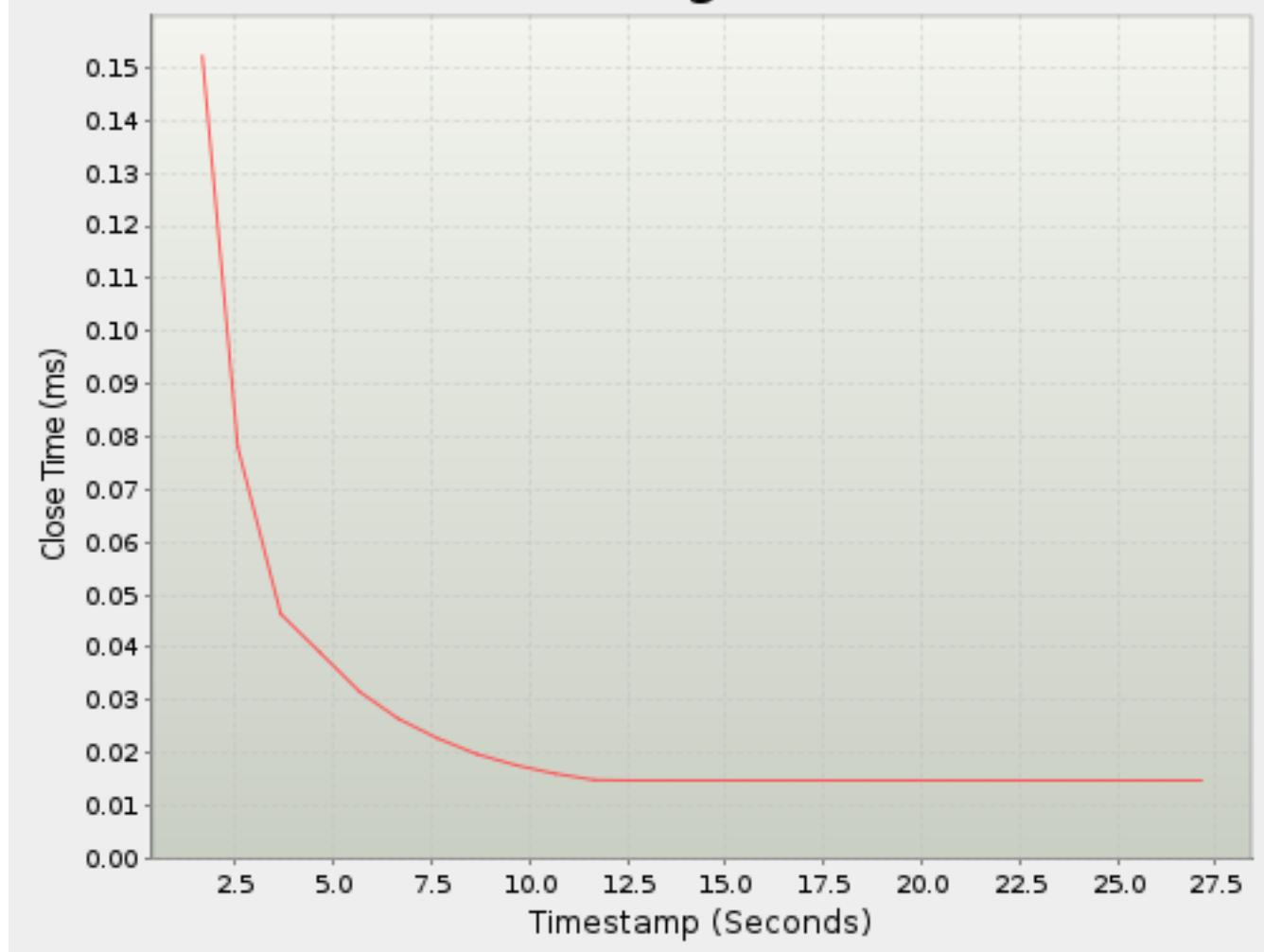
Timestamp		Setup Time
	Seconds	Milliseconds
22.658		0.0019
23.657		0.0019
24.553		0.0019
25.553		0.0019
26.108		0.0019
27.137		0.0019

7.25.18. TCP Average Time to Response Packet

TCP latency is measured to an accuracy of +/- 1 millisecond.

Timestamp	Response Time
Seconds	Milliseconds
0.647	0.0000
1.649	0.0000
2.554	0.0025
3.648	0.0030
4.647	0.0039
5.669	0.0032
6.652	0.0027
7.651	0.0023
8.652	0.0020
9.650	0.0018
10.651	0.0016
11.647	0.0015
12.659	0.0015
13.661	0.0015
14.660	0.0015
15.554	0.0015
16.667	0.0015
17.665	0.0015
18.659	0.0015
19.667	0.0015
20.686	0.0015
21.659	0.0015

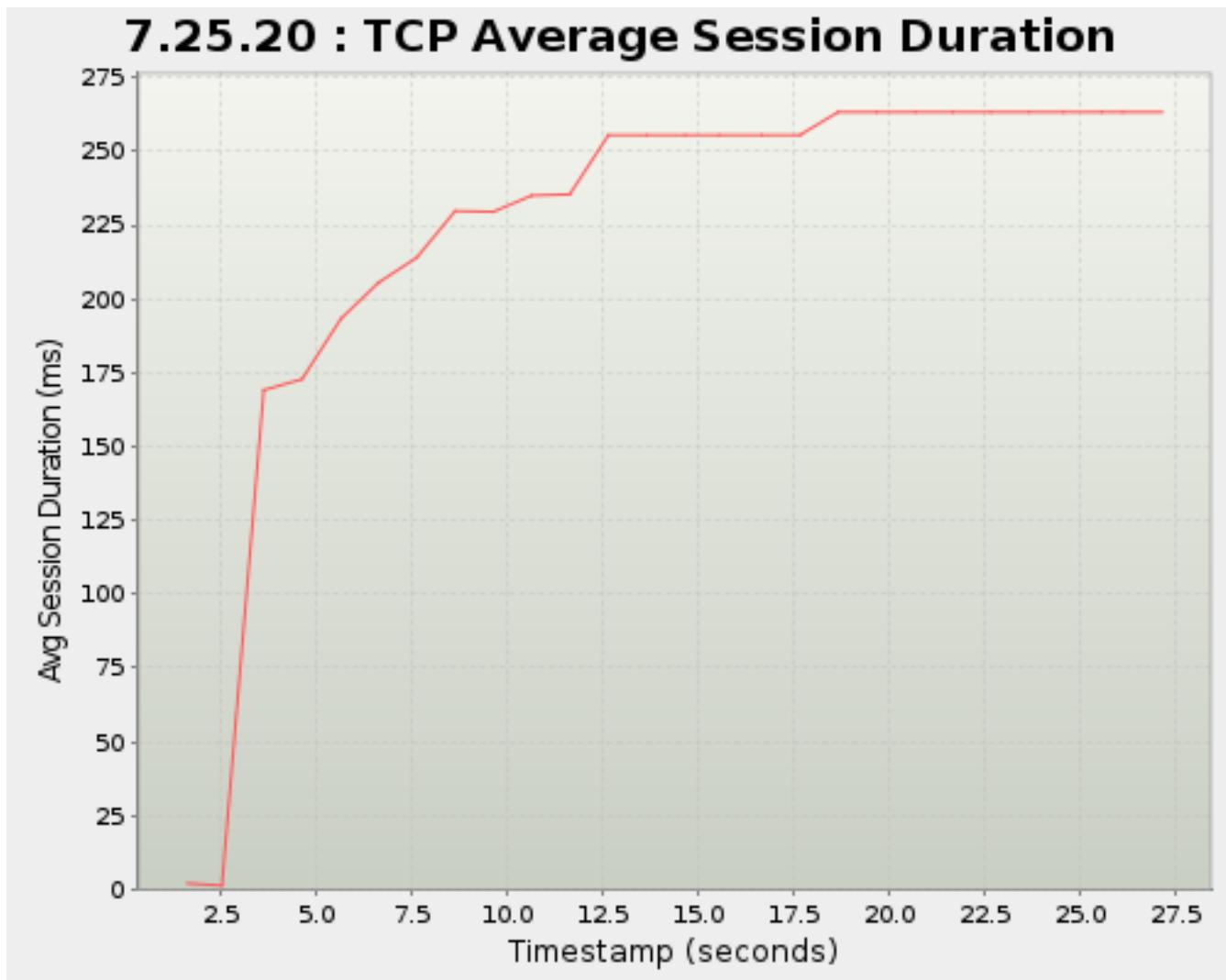
Timestamp		Response Time
	<i>Seconds</i>	<i>Milliseconds</i>
22.658		0.0015
23.657		0.0015
24.553		0.0015
25.553		0.0015
26.108		0.0015
27.137		0.0015

7.25.19. TCP Average Time to Close**7.25.19 : TCP Average Time to Close**

TCP latency is measured to an accuracy of +/- 1 millisecond.

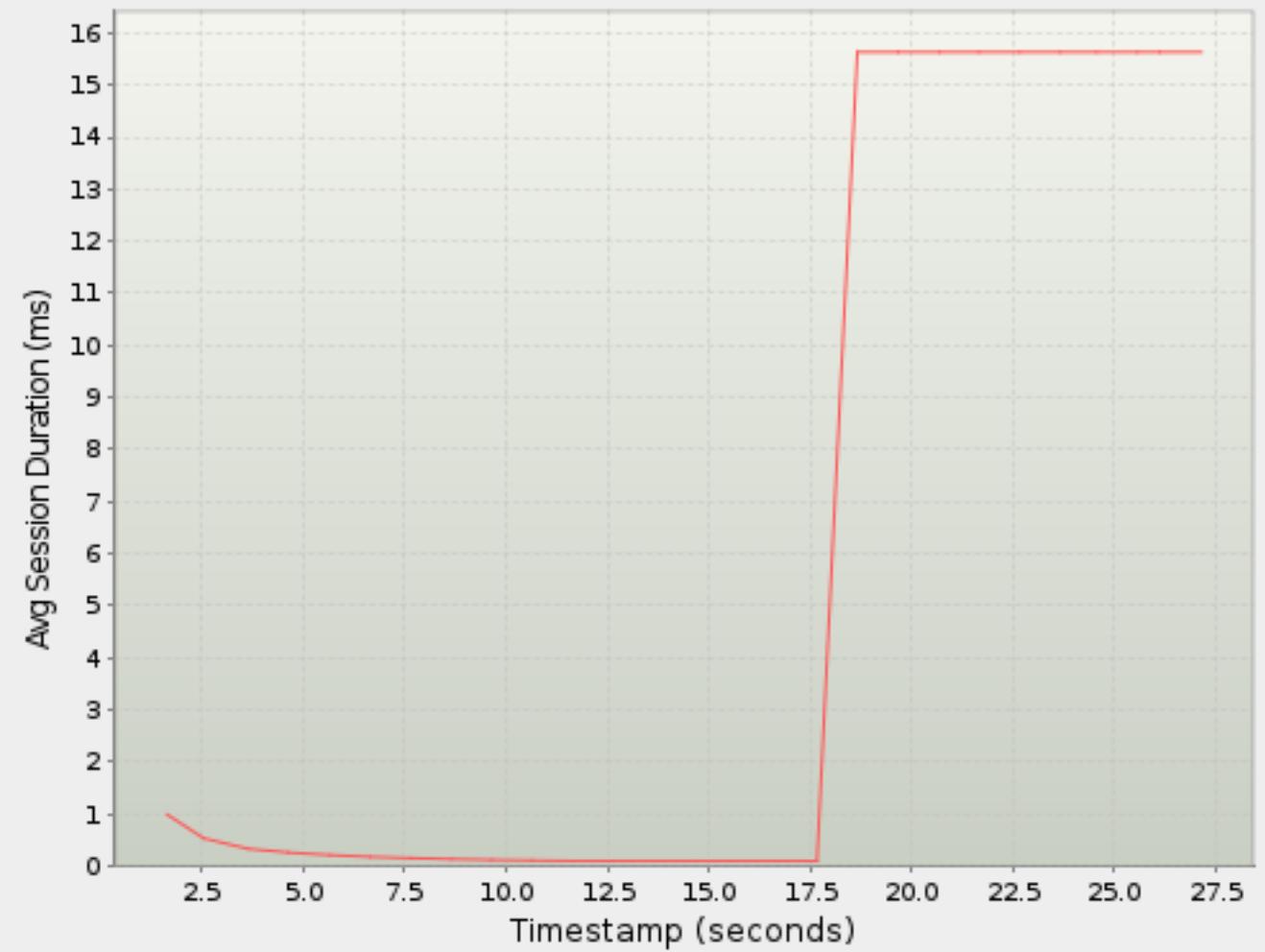
Timestamp	Close Time
Seconds	Milliseconds
0.647	0.0000
1.649	0.1522
2.554	0.0780
3.648	0.0464
4.647	0.0391
5.669	0.0316
6.652	0.0265
7.651	0.0228
8.652	0.0198
9.650	0.0177
10.651	0.0161
11.647	0.0149
12.659	0.0148
13.661	0.0148
14.660	0.0148
15.554	0.0148
16.667	0.0148
17.665	0.0148
18.659	0.0148
19.667	0.0148
20.686	0.0148
21.659	0.0148

Timestamp		Close Time
	Seconds	Milliseconds
22.658		0.0148
23.657		0.0148
24.553		0.0148
25.553		0.0148
26.108		0.0148
27.137		0.0148

7.25.20. TCP Average Session Duration

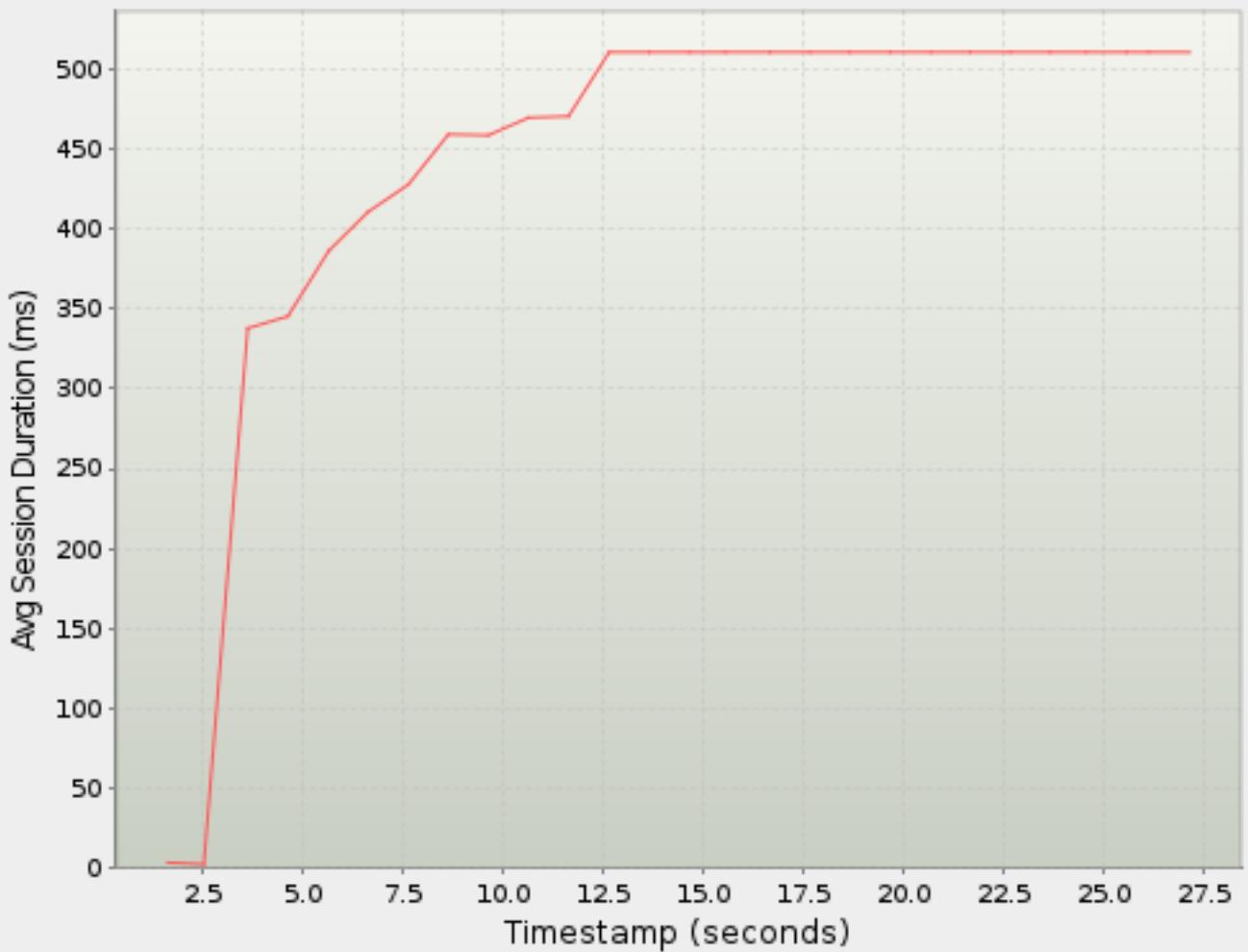
Timestamp	Avg Session Duration
seconds	milliseconds
1.6490	2.0660
2.5540	1.3040
3.6480	169.1600
4.6470	172.8440
5.6690	193.3740
6.6520	205.5850
7.6510	214.0760
8.6520	229.8120
9.6500	229.5600
10.6510	235.0480
11.6470	235.4610
12.6590	255.5420
13.6610	255.5420
14.6600	255.5420
15.5540	255.5420
16.6670	255.5420
17.6650	255.5420
18.6590	263.3110
19.6670	263.3110
20.6860	263.3110
21.6590	263.3110
22.6580	263.3110
23.6570	263.3110
24.5530	263.3110

Timestamp	Avg Session Duration
<i>seconds</i>	<i>milliseconds</i>
25.5530	263.3110
26.1080	263.3110
27.1370	263.3110

7.25.20.1. TCP Average Session Duration: 1**7.25.20.1 : TCP Average Session Duration: 1**

Timestamp	Avg Session Duration
seconds	milliseconds
1.6490	0.9890
2.5540	0.5290
3.6480	0.3280
4.6470	0.2560
5.6690	0.2070
6.6520	0.1730
7.6510	0.1490
8.6520	0.1290
9.6500	0.1140
10.6510	0.1040
11.6470	0.0950
12.6590	0.0950
13.6610	0.0950
14.6600	0.0950
15.5540	0.0950
16.6670	0.0950
17.6650	0.0950
18.6590	15.6340
19.6670	15.6340
20.6860	15.6340
21.6590	15.6340
22.6580	15.6340
23.6570	15.6340
24.5530	15.6340

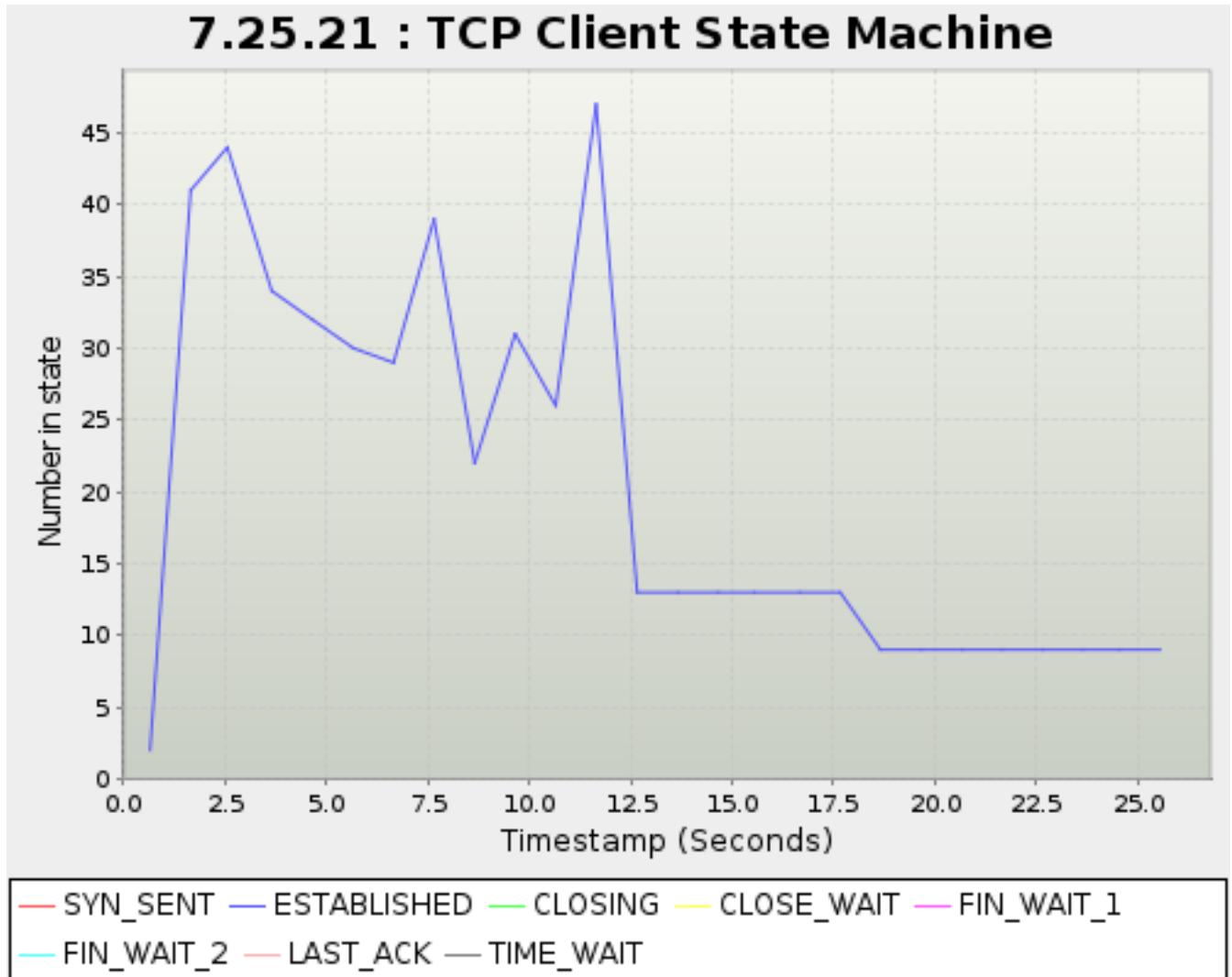
Timestamp	Avg Session Duration
<i>seconds</i>	<i>milliseconds</i>
25.5530	15.6340
26.1080	15.6340
27.1370	15.6340

7.25.20.2. TCP Average Session Duration: 2**7.25.20.2 : TCP Average Session Duration: 2**

Timestamp	Avg Session Duration
1.6490	3.1430
2.5540	2.0790
3.6480	337.9920
4.6470	345.4320
5.6690	386.5420
6.6520	410.9960
7.6510	428.0030
8.6520	459.4960
9.6500	459.0060
10.6510	469.9920
11.6470	470.8260
12.6590	510.9890
13.6610	510.9890
14.6600	510.9890
15.5540	510.9890
16.6670	510.9890
17.6650	510.9890
18.6590	510.9890
19.6670	510.9890
20.6860	510.9890
21.6590	510.9890
22.6580	510.9890
23.6570	510.9890
24.5530	510.9890

Timestamp	Avg Session Duration
<i>seconds</i>	<i>milliseconds</i>
25.5530	510.9890
26.1080	510.9890
27.1370	510.9890

7.25.21. TCP Client State Machine



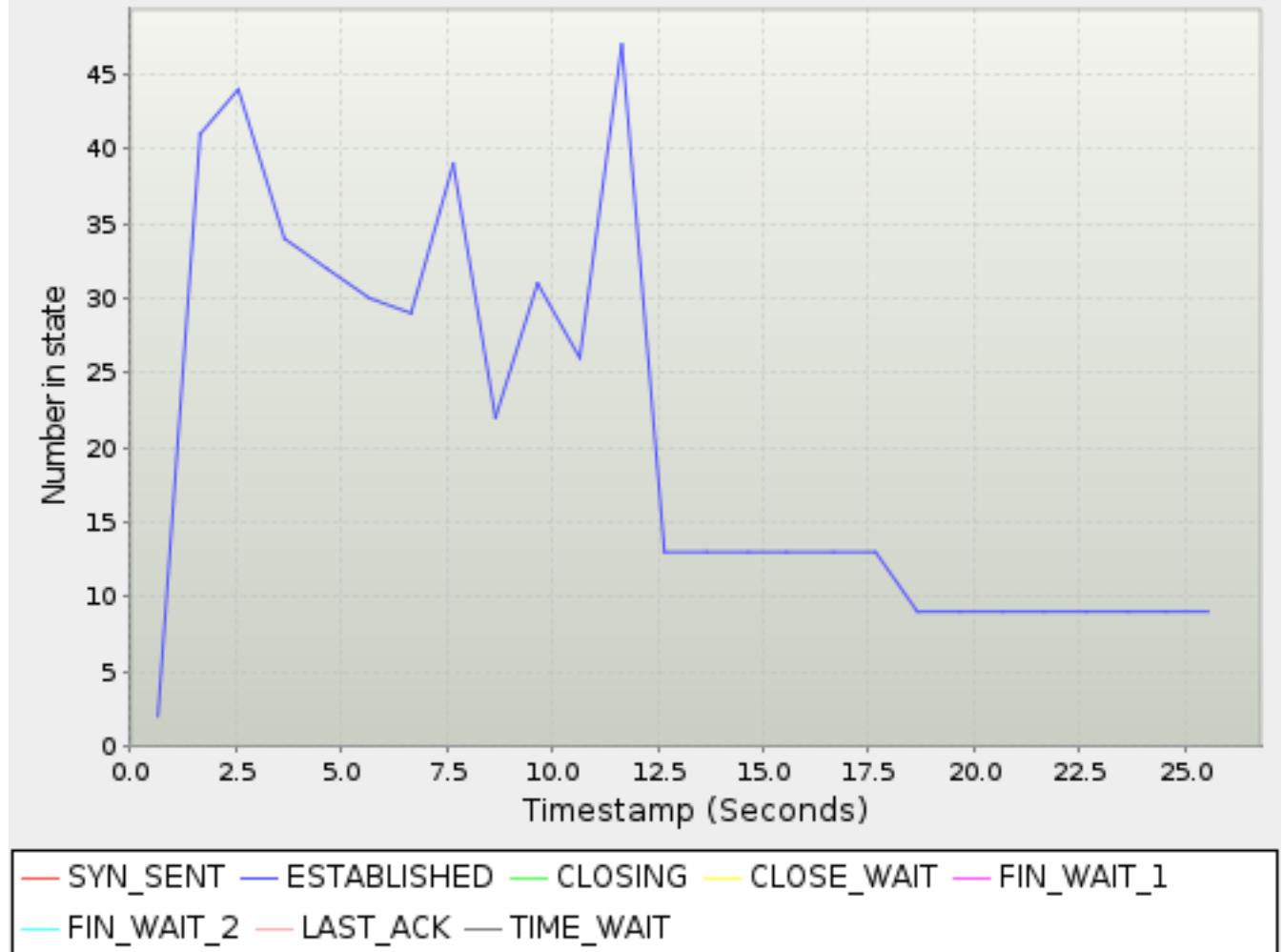
Timestamp	SYN_SENT	ESTABLISHED	CLOSING	CLOSE_WAIT	FIN_WAIT_1	FIN_WAIT_2	LAST_ACK	TIME_WAIT
Seconds								
0.647	0	2	0	0	0	0	0	0
1.649	0	41	0	0	4	0	0	9
2.554	0	44	0	0	0	0	0	0
3.648	0	34	0	0	0	0	0	0
4.647	0	32	0	0	0	0	0	0
5.669	0	30	0	0	0	0	0	0
6.652	0	29	0	0	0	0	0	0
7.651	0	39	0	0	0	0	0	0
8.652	0	22	0	0	0	0	0	0
9.650	0	31	0	0	0	0	0	0
10.651	0	26	0	0	0	0	0	0
11.647	0	47	0	0	0	0	0	0
12.659	0	13	0	0	0	0	0	0
13.661	0	13	0	0	0	0	0	0
14.660	0	13	0	0	0	0	0	0
15.554	0	13	0	0	0	0	0	0
16.667	0	13	0	0	0	0	0	0
17.665	0	13	0	0	0	0	0	0
18.659	0	9	0	0	0	0	0	0
19.667	0	9	0	0	0	0	0	0
20.686	0	9	0	0	0	0	0	0
21.659	0	9	0	0	0	0	0	0

Test Results for simple_appsim

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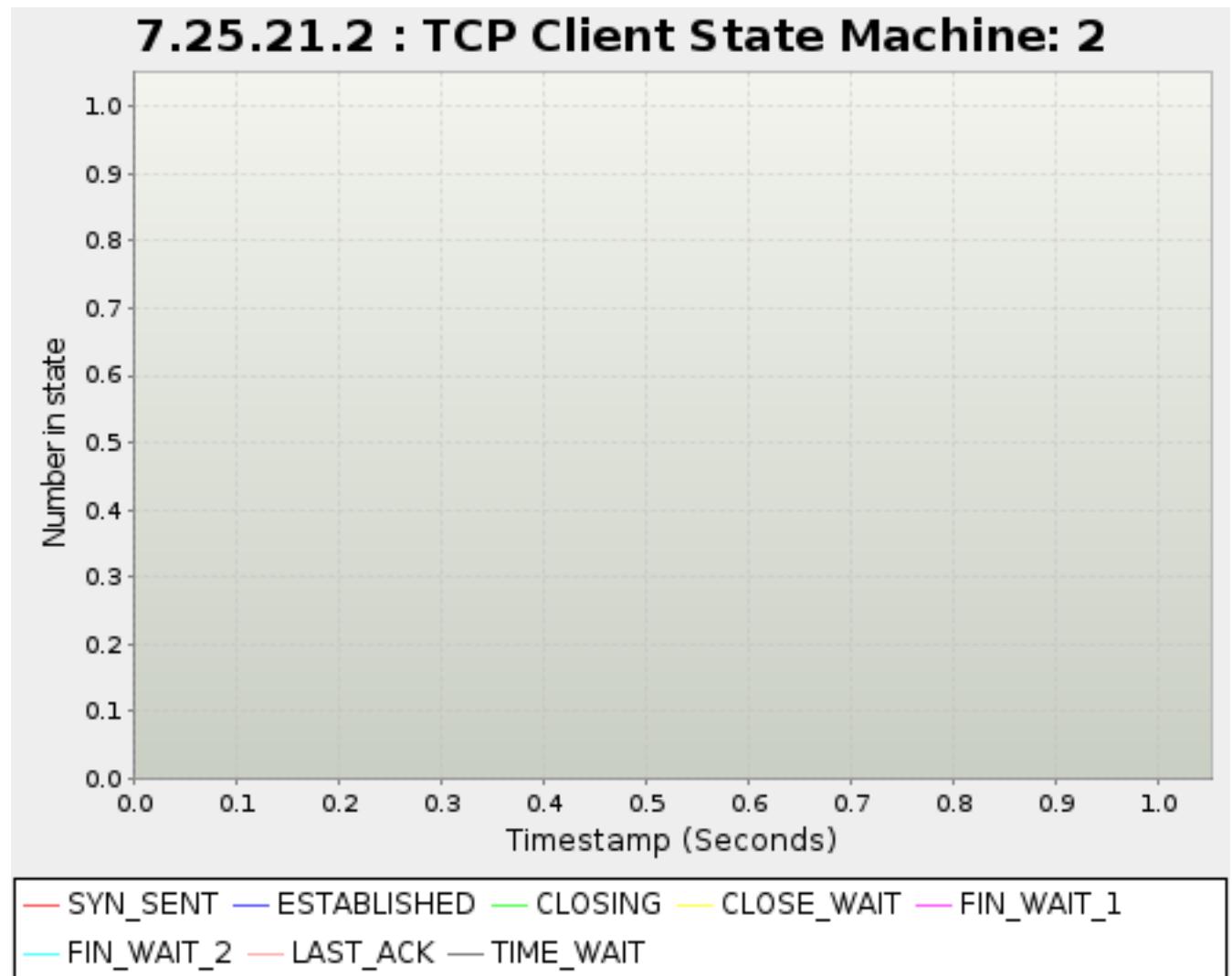
7.25.21.1. TCP Client State Machine: 1

7.25.21.1 : TCP Client State Machine: 1



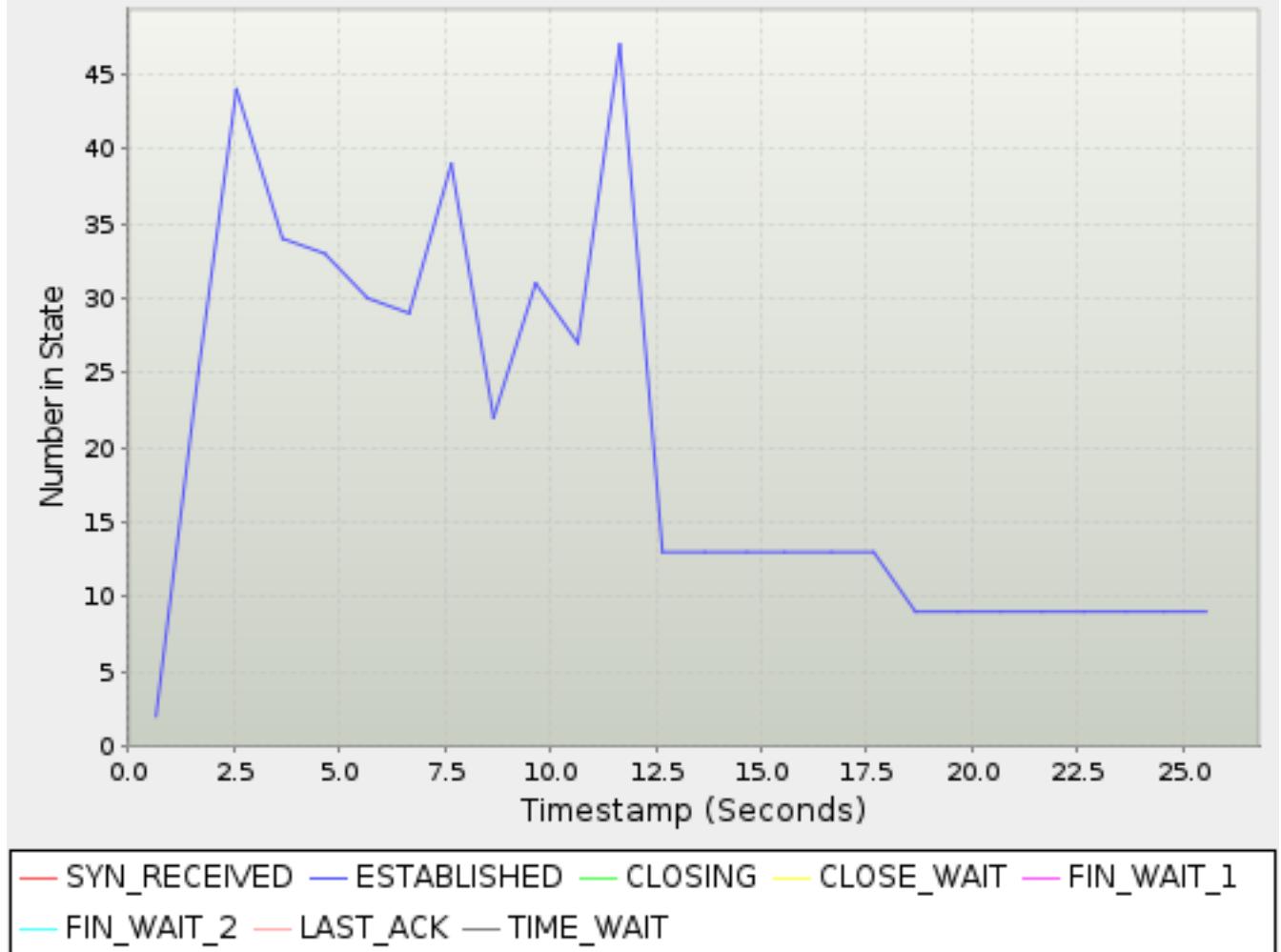
Timestamp	SYN_SENT	ESTABLISHED	CLOSING	CLOSE_WAIT	FIN_WAIT_1	FIN_WAIT_2	LAST_ACK	TIME_WAIT
Seconds	TCP Sessions							
0.647	0	2	0	0	0	0	0	0
1.649	0	41	0	0	4	0	0	9
2.554	0	44	0	0	0	0	0	0
3.648	0	34	0	0	0	0	0	0
4.647	0	32	0	0	0	0	0	0
5.669	0	30	0	0	0	0	0	0
6.652	0	29	0	0	0	0	0	0
7.651	0	39	0	0	0	0	0	0
8.652	0	22	0	0	0	0	0	0
9.650	0	31	0	0	0	0	0	0
10.651	0	26	0	0	0	0	0	0
11.647	0	47	0	0	0	0	0	0
12.659	0	13	0	0	0	0	0	0
13.661	0	13	0	0	0	0	0	0
14.660	0	13	0	0	0	0	0	0
15.554	0	13	0	0	0	0	0	0
16.667	0	13	0	0	0	0	0	0
17.665	0	13	0	0	0	0	0	0
18.659	0	9	0	0	0	0	0	0
19.667	0	9	0	0	0	0	0	0
20.686	0	9	0	0	0	0	0	0
21.659	0	9	0	0	0	0	0	0

7.25.21.2. TCP Client State Machine: 2



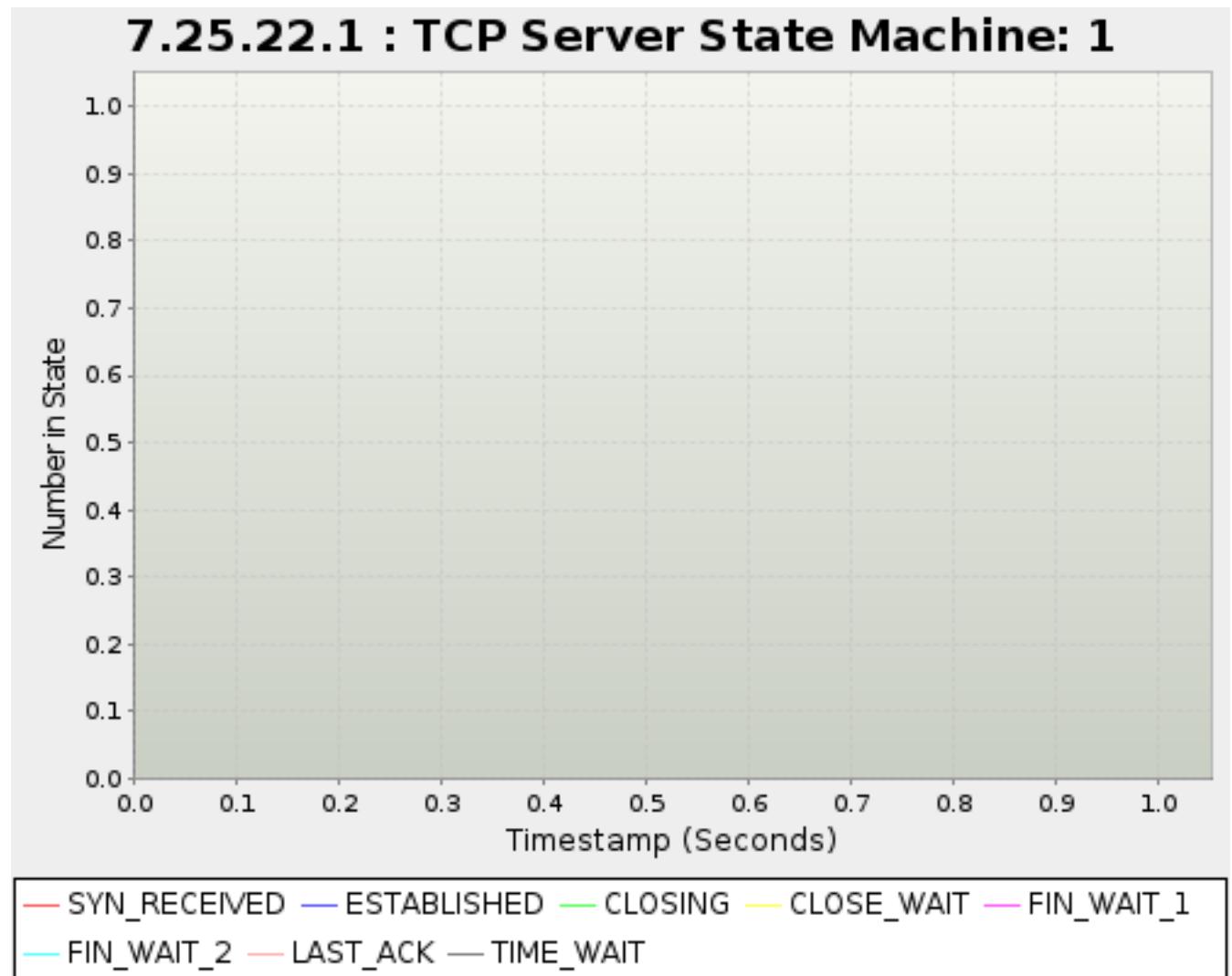
7.25.22. TCP Server State Machine

7.25.22 : TCP Server State Machine



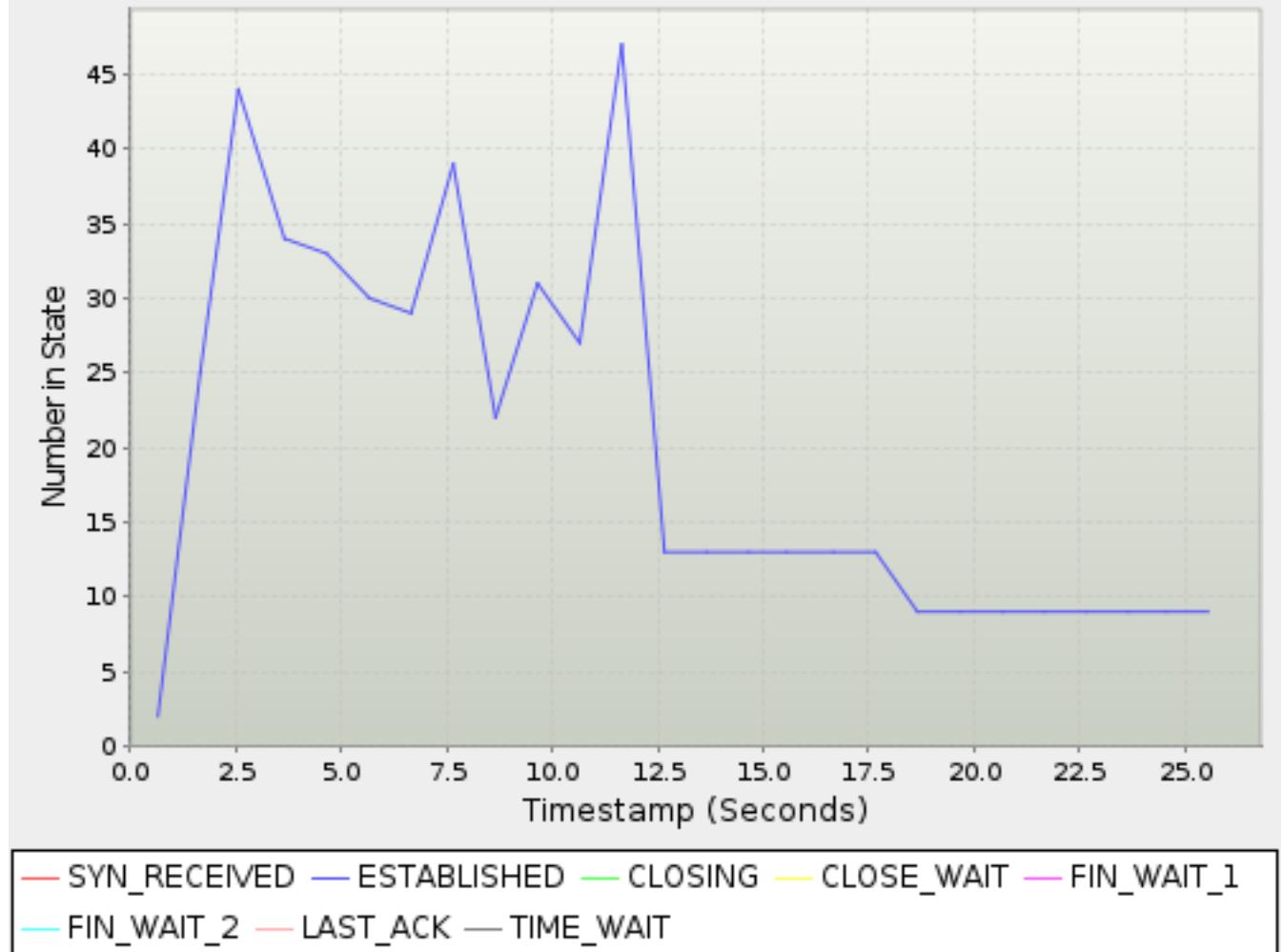
Timestamp	SYN RECEIVED	ESTABLISHED	CLOSING	CLOSE_WAIT	FIN_WAIT_1	FIN_WAIT_2	LAST ACK	TIME_WAIT
Seconds	TCP Sessions							
0.647	0	2	0	0	0	0	0	0
1.649	0	25	0	0	0	0	0	1
2.554	0	44	0	0	0	0	0	0
3.648	0	34	0	0	0	0	0	0
4.647	0	33	0	0	0	0	0	0
5.669	0	30	0	0	0	0	0	0
6.652	0	29	0	0	0	0	0	0
7.651	0	39	0	0	0	0	0	0
8.652	0	22	0	0	0	0	0	0
9.650	0	31	0	0	0	0	0	0
10.651	1	27	0	0	0	0	0	0
11.647	0	47	0	0	0	0	0	0
12.659	0	13	0	0	0	0	0	0
13.661	0	13	0	0	0	0	0	0
14.660	0	13	0	0	0	0	0	0
15.554	0	13	0	0	0	0	0	0
16.667	0	13	0	0	0	0	0	0
17.665	0	13	0	0	0	0	0	0
18.659	0	9	0	0	0	0	0	0
19.667	0	9	0	0	0	0	0	0
20.686	0	9	0	0	0	0	0	0
21.659	0	9	0	0	0	0	0	0

7.25.22.1. TCP Server State Machine: 1



7.25.22.2. TCP Server State Machine: 2

7.25.22.2 : TCP Server State Machine: 2

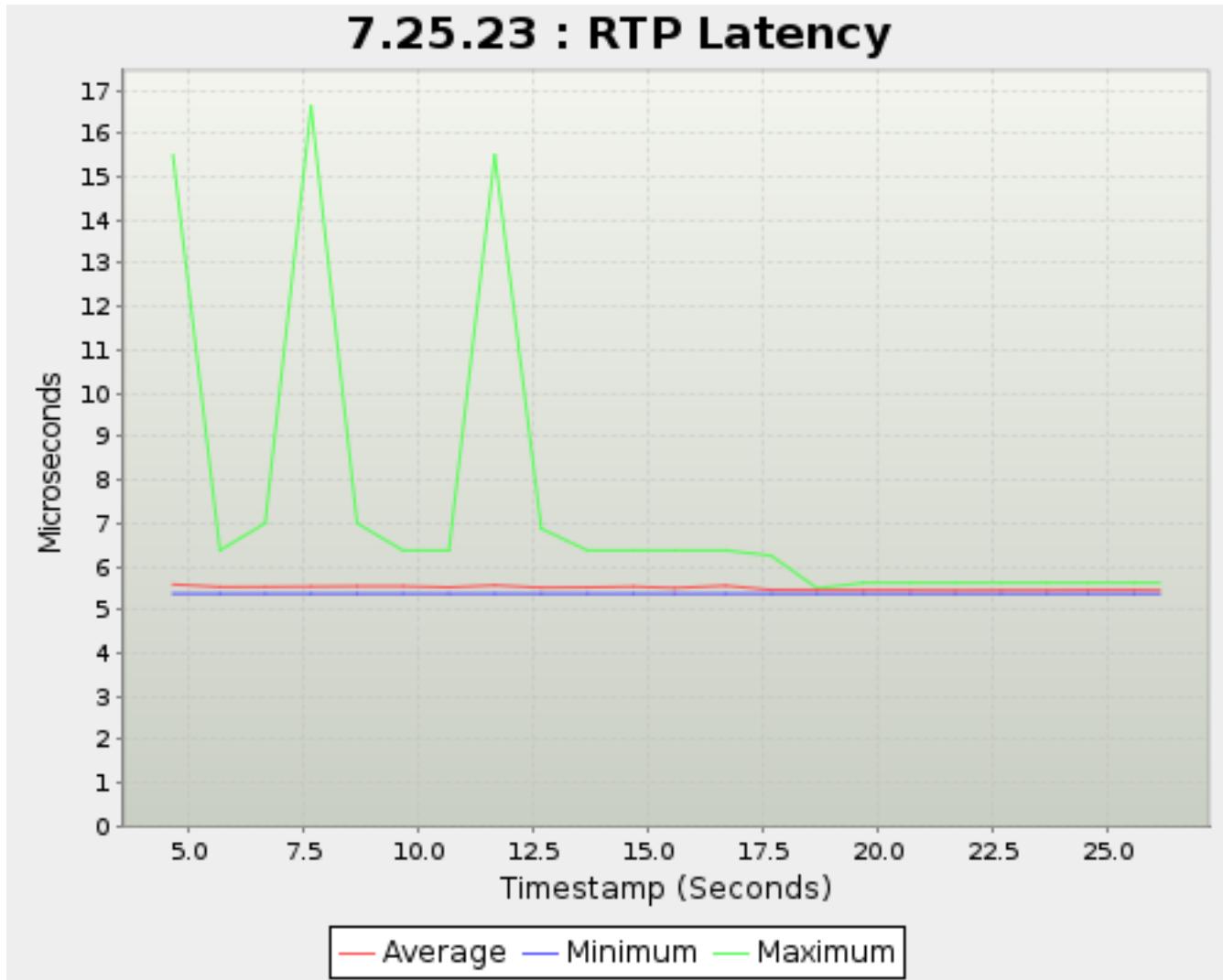


Timestamp	SYN RECEIVED	ESTABLISHED	CLOSING	CLOSE_WAIT	FIN_WAIT_1	FIN_WAIT_2	LAST ACK	TIME_WAIT
Seconds	TCP Sessions							
0.647	0	2	0	0	0	0	0	0
1.649	0	25	0	0	0	0	0	1
2.554	0	44	0	0	0	0	0	0
3.648	0	34	0	0	0	0	0	0
4.647	0	33	0	0	0	0	0	0
5.669	0	30	0	0	0	0	0	0
6.652	0	29	0	0	0	0	0	0
7.651	0	39	0	0	0	0	0	0
8.652	0	22	0	0	0	0	0	0
9.650	0	31	0	0	0	0	0	0
10.651	1	27	0	0	0	0	0	0
11.647	0	47	0	0	0	0	0	0
12.659	0	13	0	0	0	0	0	0
13.661	0	13	0	0	0	0	0	0
14.660	0	13	0	0	0	0	0	0
15.554	0	13	0	0	0	0	0	0
16.667	0	13	0	0	0	0	0	0
17.665	0	13	0	0	0	0	0	0
18.659	0	9	0	0	0	0	0	0
19.667	0	9	0	0	0	0	0	0
20.686	0	9	0	0	0	0	0	0
21.659	0	9	0	0	0	0	0	0

Test Results for simple_appsim

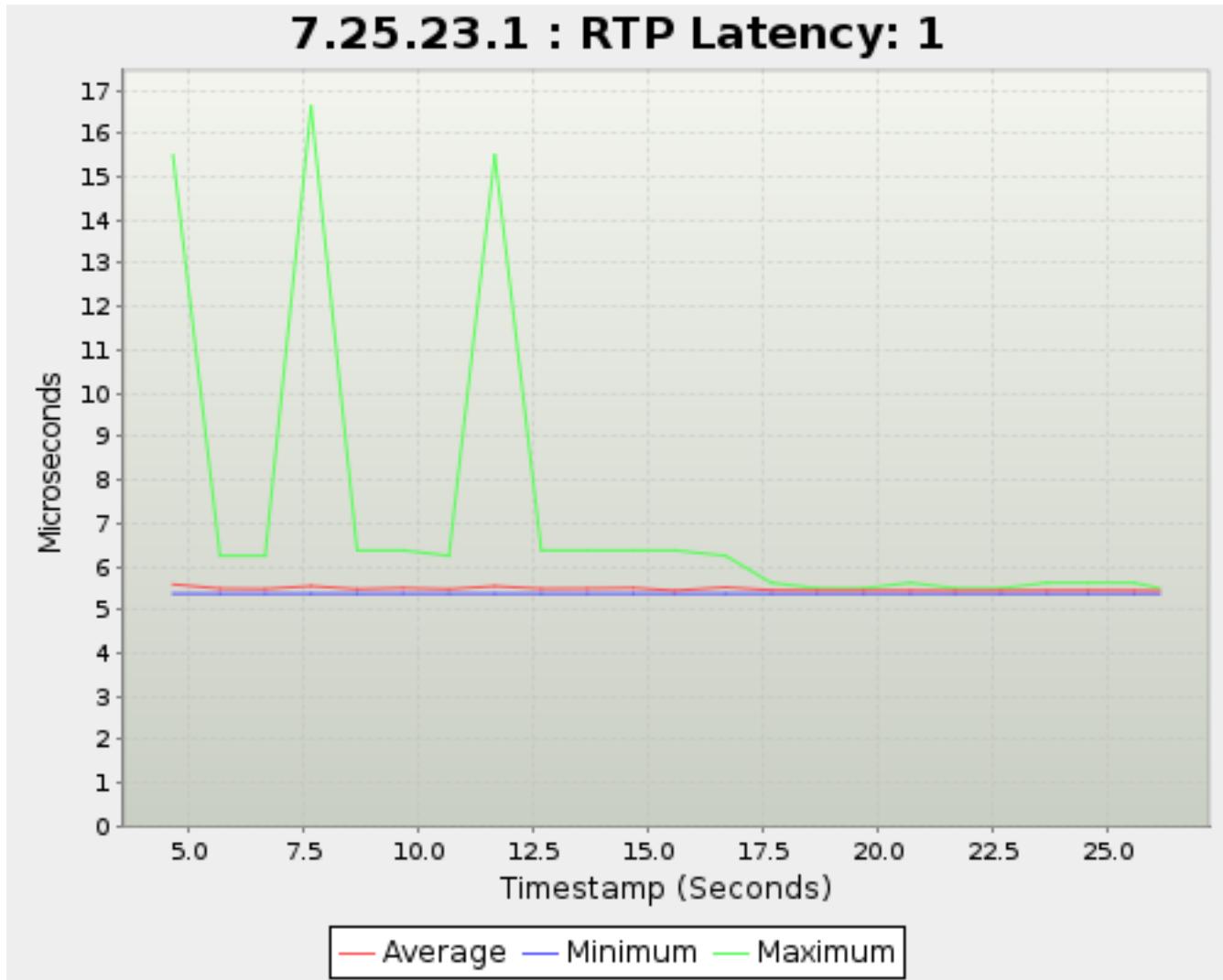
573

7.25.23. RTP Latency



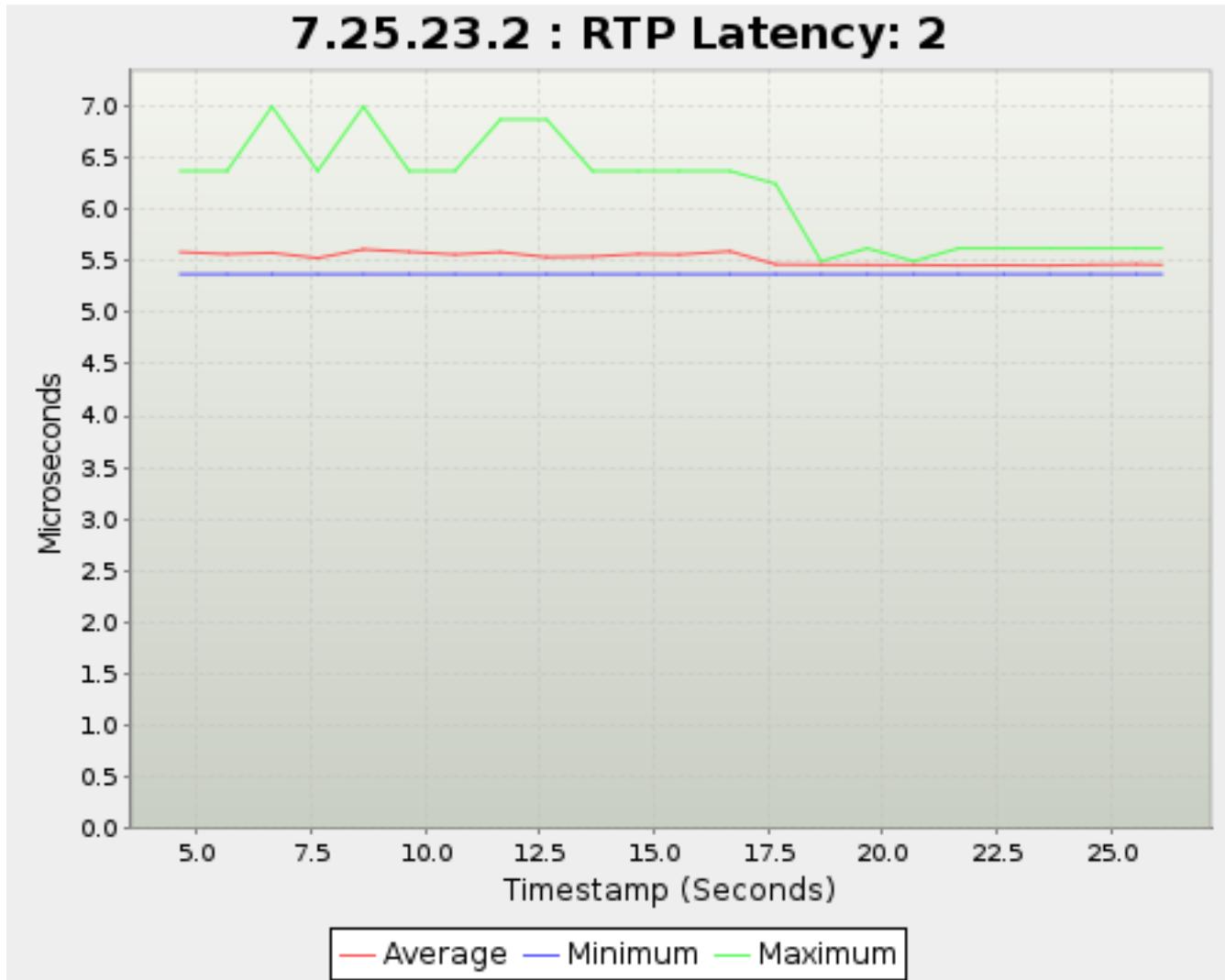
Timestamp	Average	Minimum	Maximum
Seconds			Microseconds
4.647	5.589641434262949	5.375	15.5
5.669	5.530562347188264	5.375	6.375
6.652	5.532994923857868	5.375	7.0
7.651	5.540201005025126	5.375	16.625
8.652	5.5475	5.375	7.0
9.650	5.547738693467337	5.375	6.375
10.651	5.5225	5.375	6.375
11.647	5.567839195979899	5.375	15.5
12.659	5.514778325123153	5.375	6.875
13.661	5.52	5.375	6.375
14.660	5.538847117794486	5.375	6.375
15.554	5.505586592178771	5.375	6.375
16.667	5.558577405857741	5.375	6.375
17.665	5.462882096069869	5.375	6.25
18.659	5.458536585365854	5.375	5.5
19.667	5.457431457431458	5.375	5.625
20.686	5.456575682382134	5.375	5.625
21.659	5.451957295373665	5.375	5.625
22.658	5.454949944382648	5.375	5.625
23.657	5.454444444444444	5.375	5.625
24.553	5.459057071960298	5.375	5.625
25.553	5.459399332591769	5.375	5.625
26.108	5.454320987654321	5.375	5.625

7.25.23.1. RTP Latency: 1



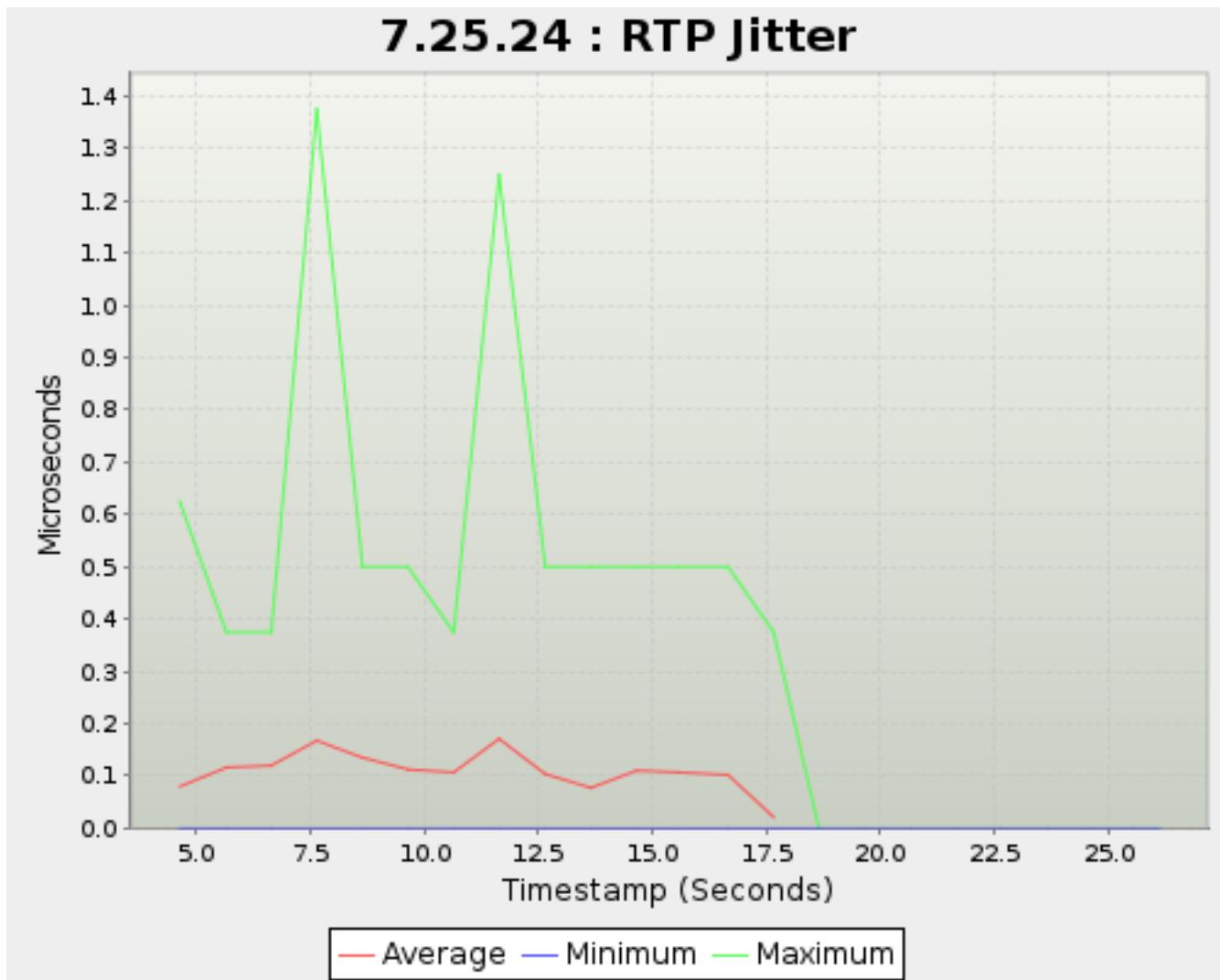
Timestamp	Average	Minimum	Maximum
Seconds			Microseconds
4.647	5.590551181102362	5.375	15.5
5.669	5.492682926829269	5.375	6.25
6.652	5.48469387755102	5.375	6.25
7.651	5.55	5.375	16.625
8.652	5.48	5.375	6.375
9.650	5.505	5.375	6.375
10.651	5.48	5.375	6.25
11.647	5.547738693467337	5.375	15.5
12.659	5.490196078431373	5.375	6.375
13.661	5.495	5.375	6.375
14.660	5.507537688442211	5.375	6.375
15.554	5.446927374301676	5.375	6.375
16.667	5.5210084033613445	5.375	6.25
17.665	5.456896551724138	5.375	5.625
18.659	5.451456310679611	5.375	5.5
19.667	5.4508670520231215	5.375	5.5
20.686	5.449382716049382	5.375	5.625
21.659	5.4454976303317535	5.375	5.5
22.658	5.4488888888888889	5.375	5.5
23.657	5.4511111111111115	5.375	5.625
24.553	5.452970297029703	5.375	5.625
25.553	5.4488888888888889	5.375	5.625
26.108	5.443349753694581	5.375	5.5

7.25.23.2. RTP Latency: 2



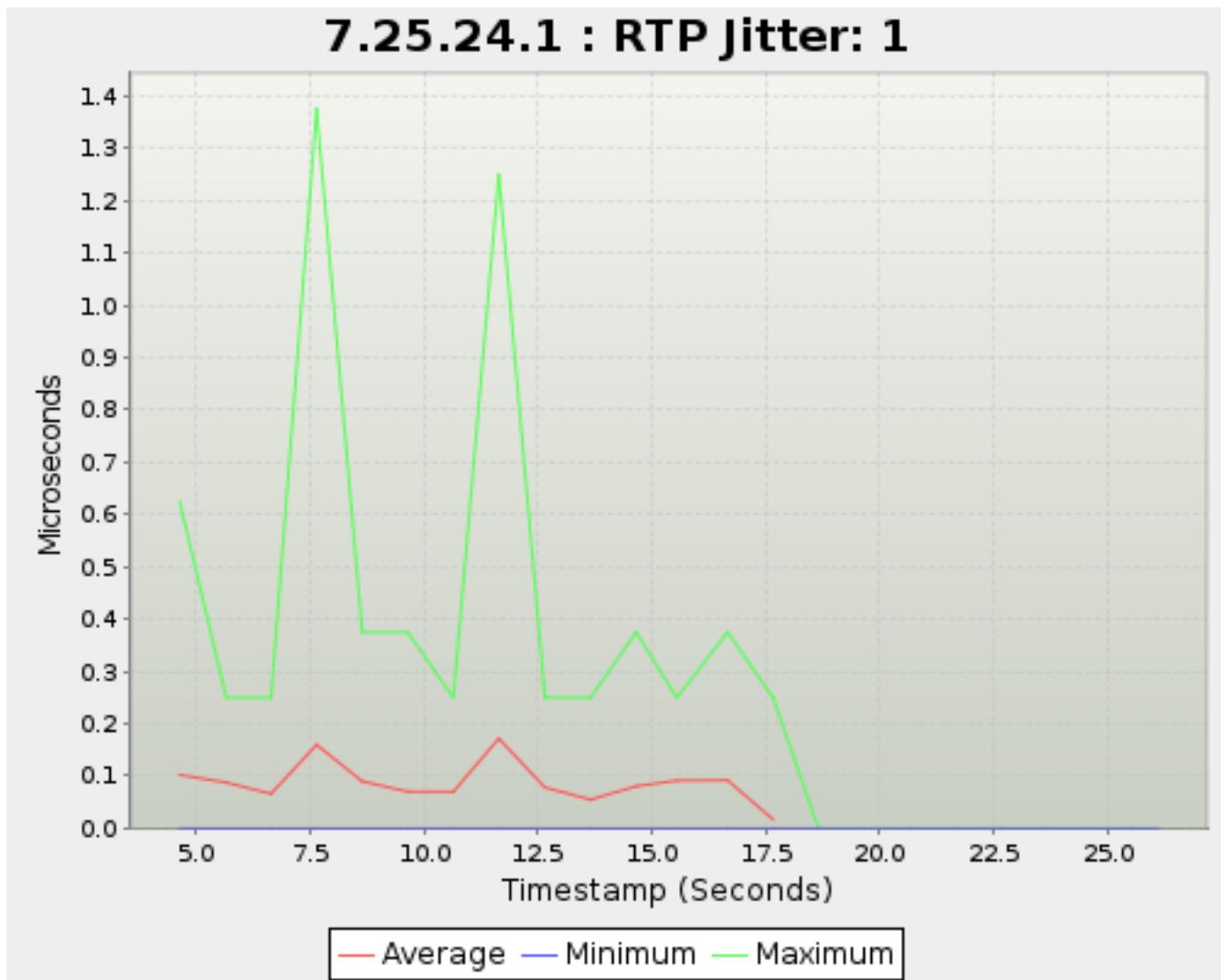
Timestamp	Average	Minimum	Maximum
Seconds			Microseconds
4.647	5.588709677419355	5.375	6.375
5.669	5.568627450980392	5.375	6.375
6.652	5.58080808080808	5.375	7.0
7.651	5.53030303030303	5.375	6.375
8.652	5.615	5.375	7.0
9.650	5.590909090909091	5.375	6.375
10.651	5.565	5.375	6.375
11.647	5.5879396984924625	5.375	6.875
12.659	5.53960396039604	5.375	6.875
13.661	5.545	5.375	6.375
14.660	5.57	5.375	6.375
15.554	5.564245810055866	5.375	6.375
16.667	5.595833333333333	5.375	6.375
17.665	5.469026548672566	5.375	6.25
18.659	5.465686274509804	5.375	5.5
19.667	5.463976945244957	5.375	5.625
20.686	5.4638403990024935	5.375	5.5
21.659	5.458432304038005	5.375	5.625
22.658	5.461024498886414	5.375	5.625
23.657	5.457777777777777	5.375	5.625
24.553	5.465174129353234	5.375	5.625
25.553	5.4699331848552335	5.375	5.625
26.108	5.465346534653466	5.375	5.625

7.25.24. RTP Jitter



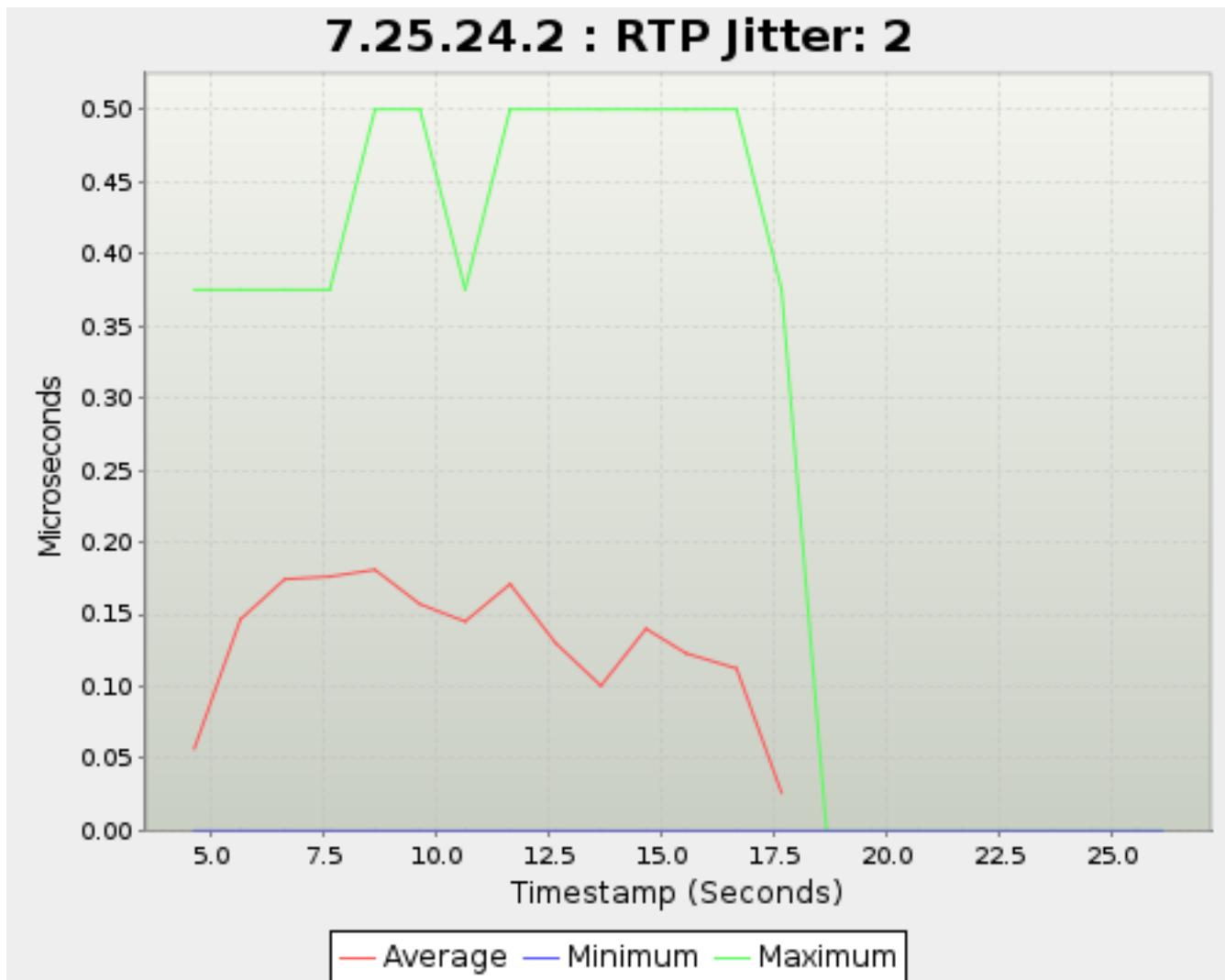
Timestamp Seconds	Average	Minimum	Maximum
4.647	0.08	0.0	0.625
5.669	0.11662531017369727	0.0	0.375
6.652	0.12020460358056266	0.0	0.375
7.651	0.16793893129770993	0.0	1.375
8.652	0.13533834586466165	0.0	0.5
9.650	0.11282051282051282	0.0	0.5
10.651	0.10714285714285714	0.0	0.375
11.647	0.17135549872122763	0.0	1.25
12.659	0.10396039603960396	0.0	0.5
13.661	0.07769423558897243	0.0	0.5
14.660	0.11055276381909548	0.0	0.5
15.554	0.10734463276836158	0.0	0.5
16.667	0.1022964509394572	0.0	0.5
17.665	0.021551724137931036	0.0	0.375
18.659	0	0.0	0.0
19.667	0	0.0	0.0
20.686	0	0.0	0.0
21.659	0	0.0	0.0
22.658	0	0.0	0.0
23.657	0	0.0	0.0
24.553	0	0.0	0.0
25.553	0	0.0	0.0
26.108	0	0.0	0.0

7.25.24.1. RTP Jitter: 1



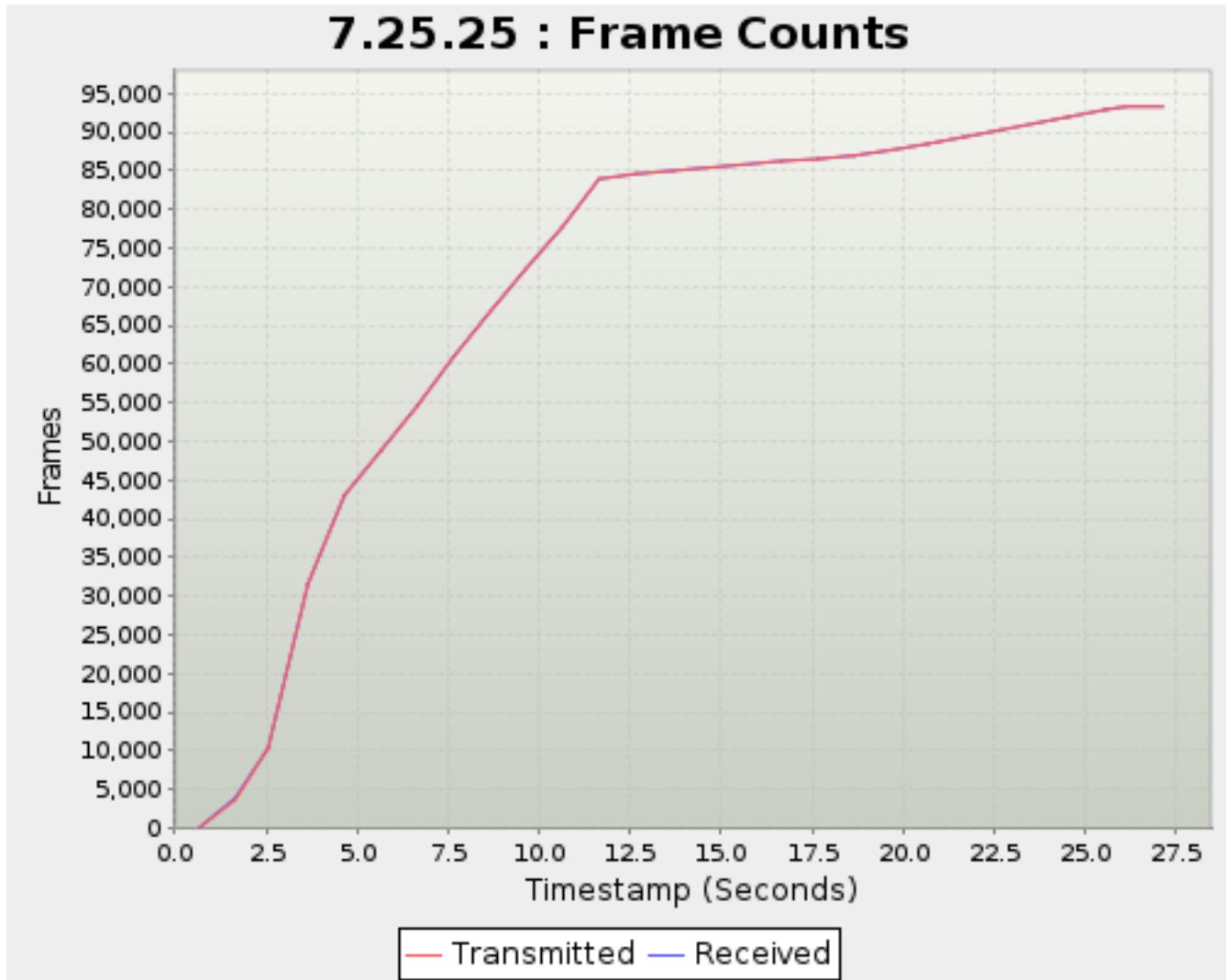
Timestamp	Average	Minimum	Maximum
Seconds			Microseconds
4.647	0.10236220472440945	0.0	0.625
5.669	0.08780487804878048	0.0	0.25
6.652	0.0663265306122449	0.0	0.25
7.651	0.16	0.0	1.375
8.652	0.09	0.0	0.375
9.650	0.07035175879396985	0.0	0.375
10.651	0.07035175879396985	0.0	0.25
11.647	0.1717171717171717	0.0	1.25
12.659	0.0784313725490196	0.0	0.25
13.661	0.055	0.0	0.25
14.660	0.08080808080808081	0.0	0.375
15.554	0.09142857142857143	0.0	0.25
16.667	0.09205020920502092	0.0	0.375
17.665	0.01694915254237288	0.0	0.25
18.659	0	0.0	0.0
19.667	0	0.0	0.0
20.686	0	0.0	0.0
21.659	0	0.0	0.0
22.658	0	0.0	0.0
23.657	0	0.0	0.0
24.553	0	0.0	0.0
25.553	0	0.0	0.0
26.108	0	0.0	0.0

7.25.24.2. RTP Jitter: 2



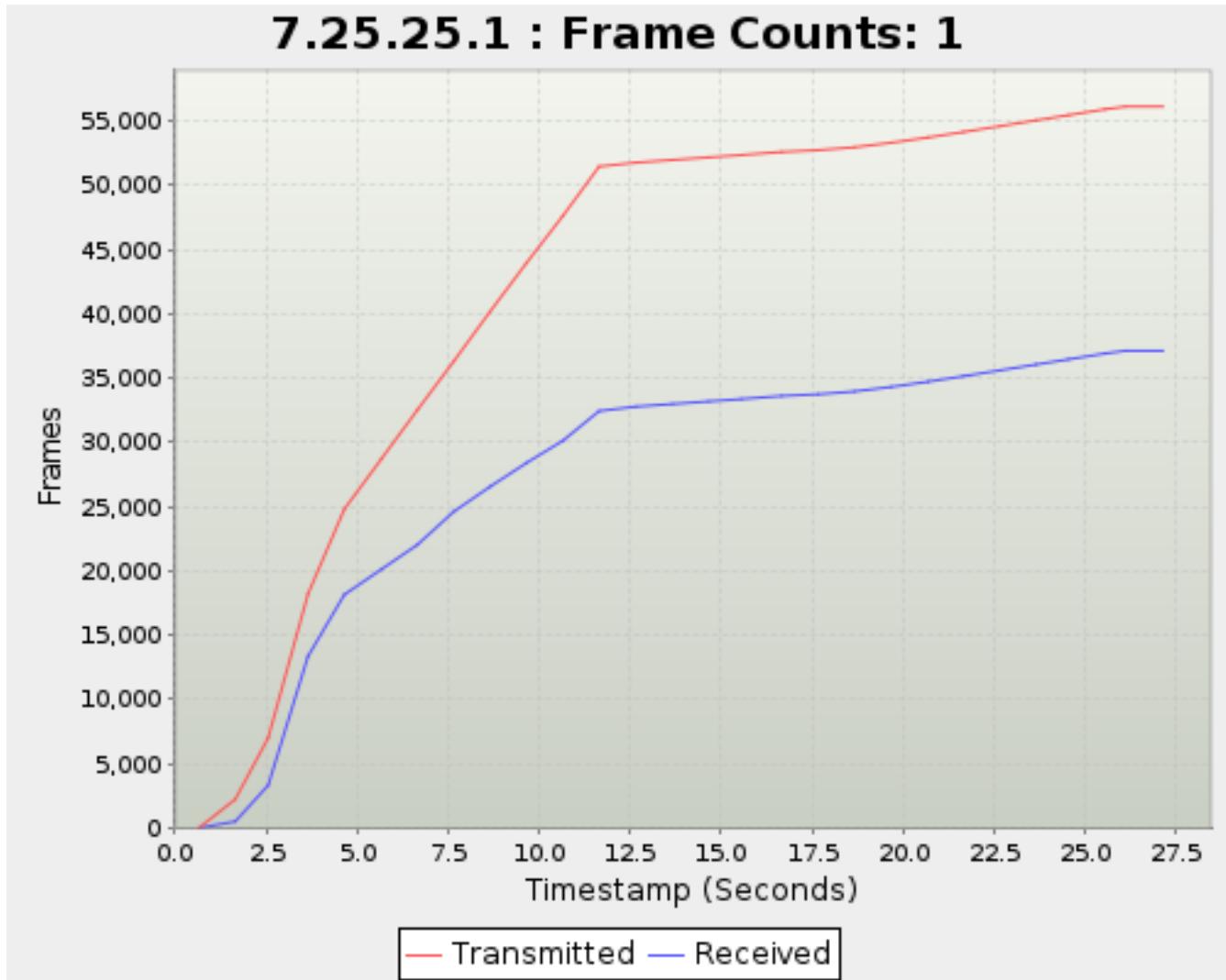
Timestamp	Average	Minimum	Maximum
Seconds			Microseconds
4.647	0.056910569105691054	0.0	0.375
5.669	0.14646464646464646	0.0	0.375
6.652	0.17435897435897435	0.0	0.375
7.651	0.17616580310880828	0.0	0.375
8.652	0.18090452261306533	0.0	0.5
9.650	0.15706806282722513	0.0	0.5
10.651	0.14507772020725387	0.0	0.375
11.647	0.17098445595854922	0.0	0.5
12.659	0.13	0.0	0.5
13.661	0.10050251256281408	0.0	0.5
14.660	0.14	0.0	0.5
15.554	0.12290502793296089	0.0	0.5
16.667	0.1125	0.0	0.5
17.665	0.02631578947368421	0.0	0.375
18.659	0	0.0	0.0
19.667	0	0.0	0.0
20.686	0	0.0	0.0
21.659	0	0.0	0.0
22.658	0	0.0	0.0
23.657	0	0.0	0.0
24.553	0	0.0	0.0
25.553	0	0.0	0.0
26.108	0	0.0	0.0

7.25.25. Frame Counts



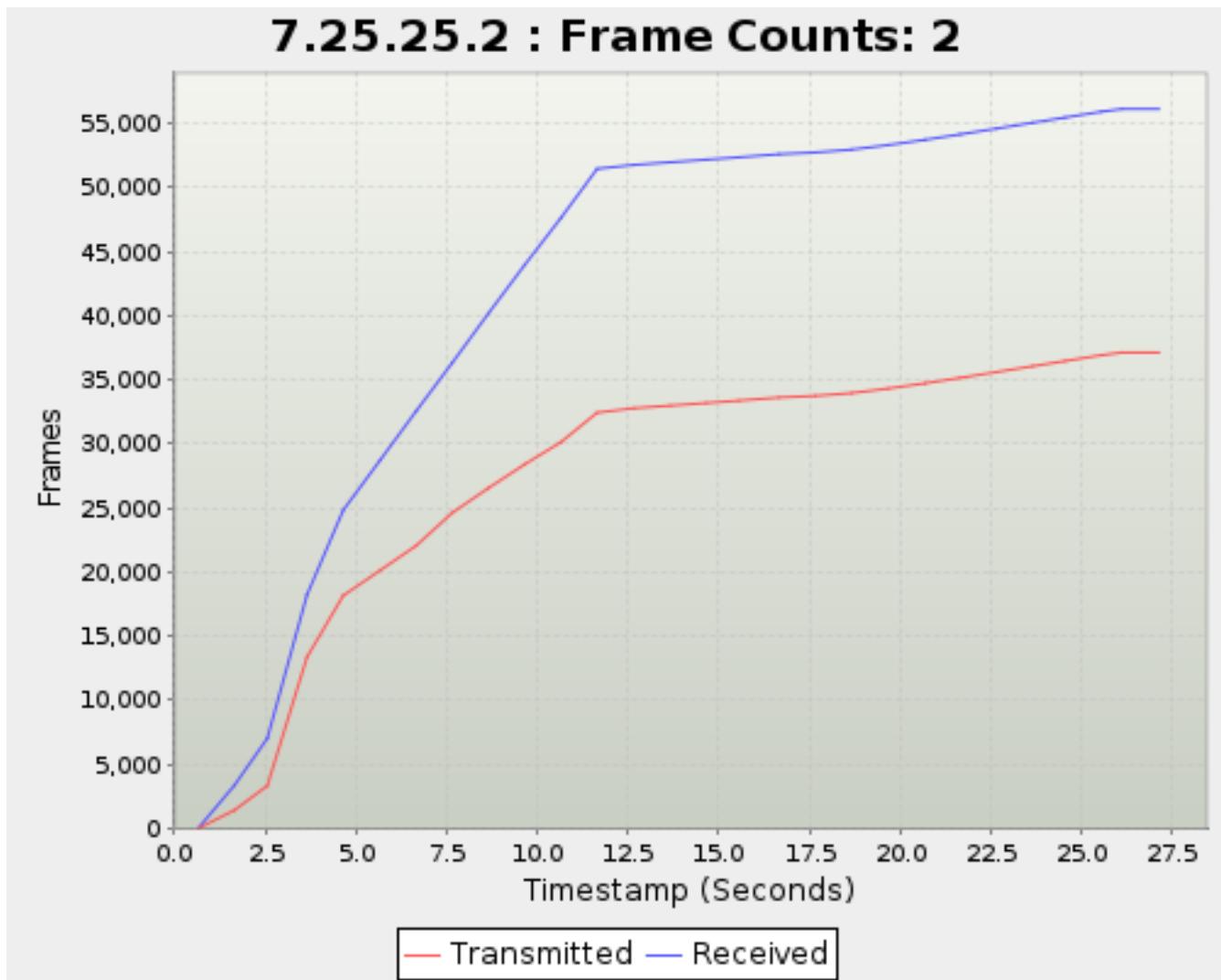
Timestamp	Transmitted	Received
Seconds	Frames	
0.647	4	7
1.649	3,664	3,884
2.554	10,351	10,356
3.648	31,583	31,594
4.647	42,989	42,997
5.669	48,886	48,892
6.652	54,578	54,585
7.651	60,938	60,945
8.652	66,755	66,761
9.650	72,375	72,381
10.651	77,780	77,783
11.647	83,918	83,918
12.659	84,569	84,569
13.661	84,977	84,977
14.660	85,385	85,385
15.554	85,750	85,750
16.667	86,240	86,240
17.665	86,503	86,502
18.659	86,942	86,942
19.667	87,647	87,647
20.686	88,466	88,466
21.659	89,322	89,322
22.658	90,226	90,226
23.657	91,138	91,138

Timestamp	Transmitted	Received
Seconds	Frames	
24.553	91,951	91,951
25.553	92,861	92,861
26.108	93,272	93,272
27.137	93,272	93,272

7.25.25.1. Frame Counts: 1

Timestamp	Transmitted	Received
Seconds	Frames	
0.647	2	1
1.649	2,236	512
2.554	7,020	3,326
3.648	18,212	13,366
4.647	24,818	18,161
5.669	28,740	20,139
6.652	32,525	22,039
7.651	36,311	24,617
8.652	40,191	26,564
9.650	43,963	28,408
10.651	47,632	30,138
11.647	51,472	32,446
12.659	51,779	32,790
13.661	51,983	32,994
14.660	52,187	33,198
15.554	52,368	33,379
16.667	52,611	33,623
17.665	52,749	33,751
18.659	52,971	33,970
19.667	53,322	34,321
20.686	53,733	34,731
21.659	54,161	35,159
22.658	54,613	35,612
23.657	55,069	36,068

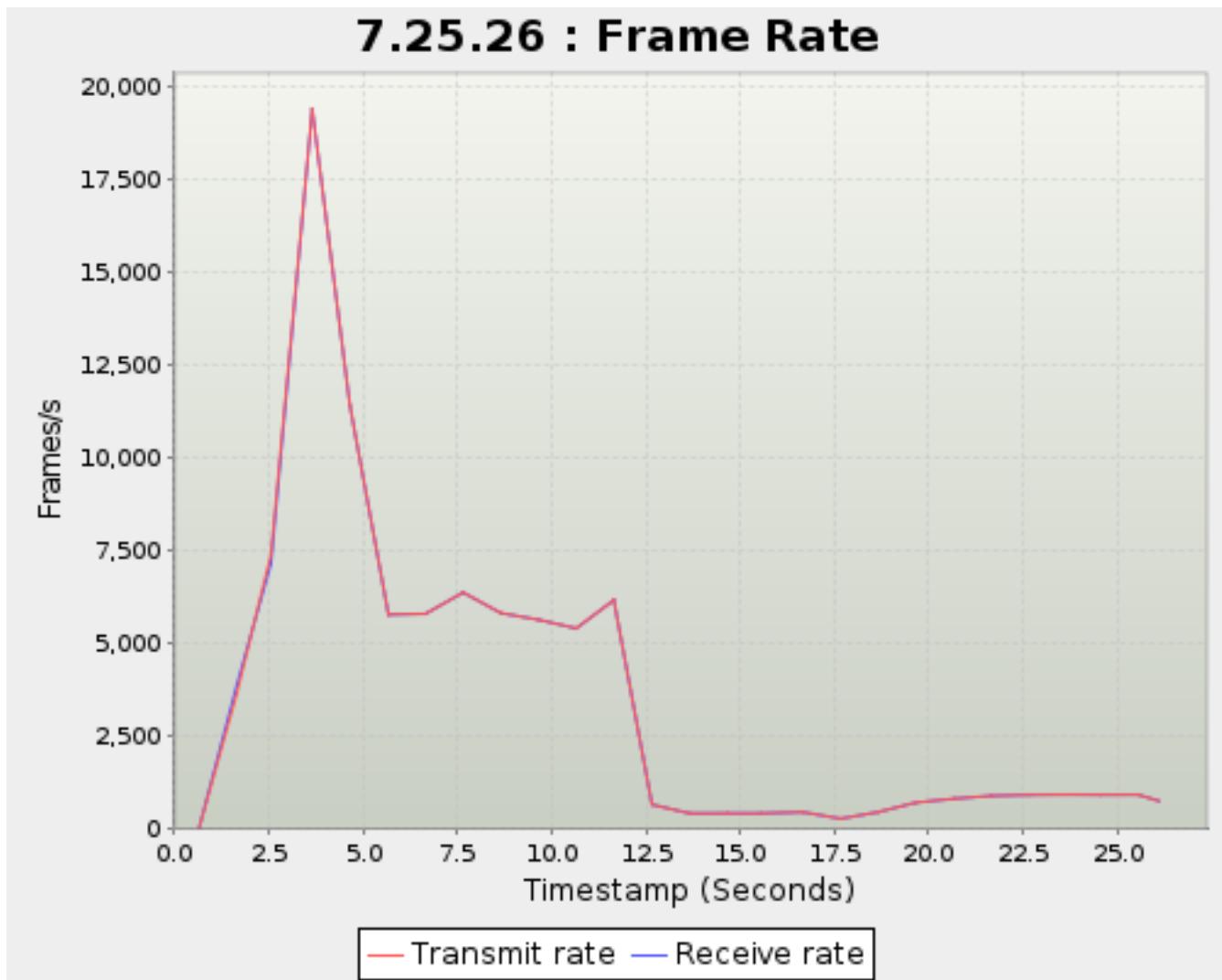
Timestamp	Transmitted	Received
Seconds	Frames	
24.553	55,475	36,474
25.553	55,931	36,928
26.108	56,137	37,135
27.137	56,137	37,135

7.25.25.2. Frame Counts: 2

Timestamp	Transmitted	Received
0.647	2	6
1.649	1,428	3,372
2.554	3,331	7,030
3.648	13,371	18,228
4.647	18,171	24,836
5.669	20,146	28,753
6.652	22,053	32,546
7.651	24,627	36,328
8.652	26,564	40,197
9.650	28,412	43,973
10.651	30,148	47,645
11.647	32,446	51,472
12.659	32,790	51,779
13.661	32,994	51,983
14.660	33,198	52,187
15.554	33,382	52,371
16.667	33,629	52,617
17.665	33,754	52,751
18.659	33,971	52,972
19.667	34,325	53,326
20.686	34,733	53,735
21.659	35,161	54,163
22.658	35,613	54,614
23.657	36,069	55,070

Timestamp	Transmitted	Received
Seconds	Frames	
24.553	36,476	55,477
25.553	36,930	55,933
26.108	37,135	56,137
27.137	37,135	56,137

7.25.26. Frame Rate

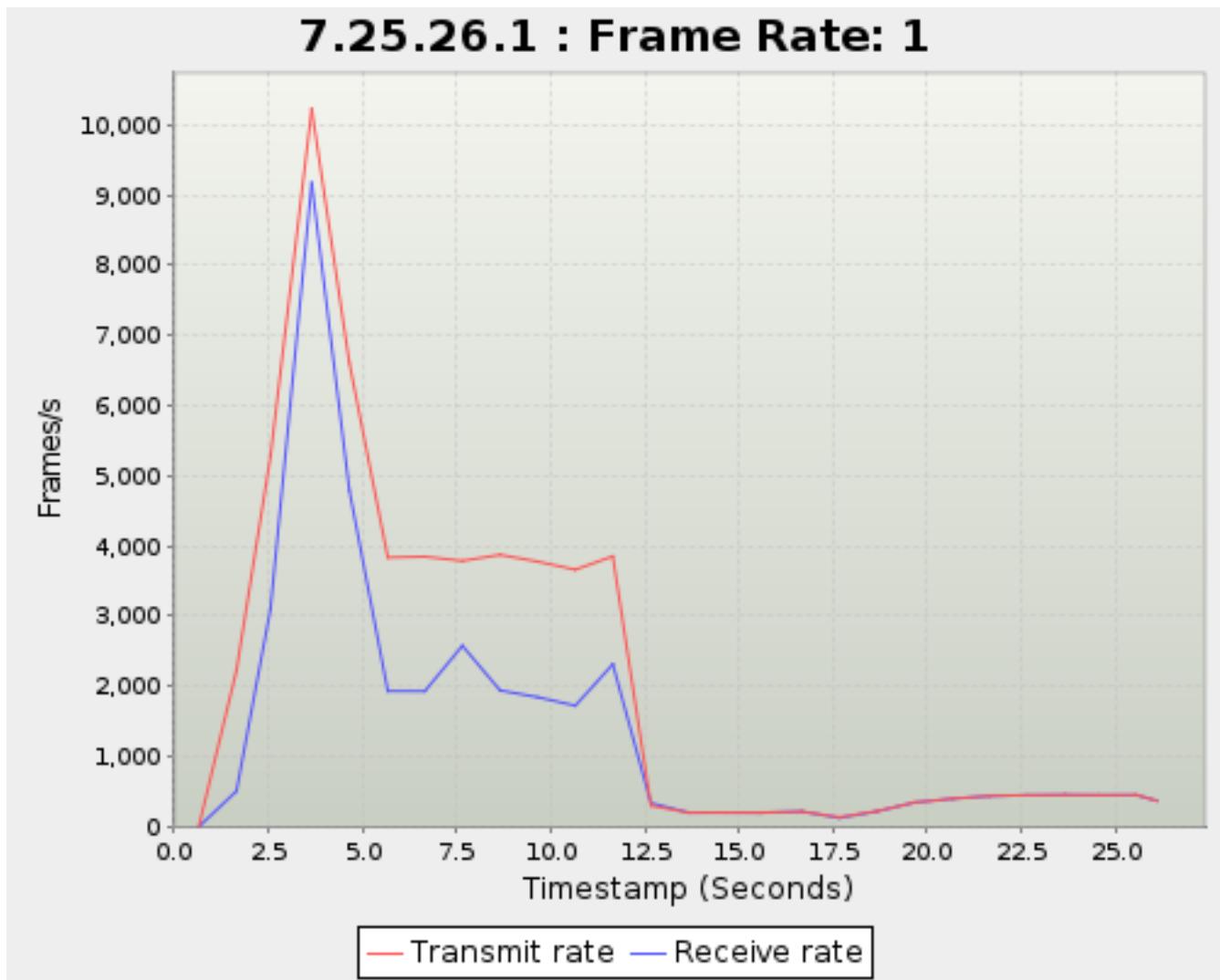


Rates can vary due to round-off errors in calculations.

Timestamp Seconds	Transmit rate	Receive rate
0.647	6.182	10.82
1.649	~3653	~3869
2.554	~7389	~7151
3.648	~19410	~19410
4.647	~11420	~11410
5.669	~5770	~5768
6.652	~5790	~5791
7.651	~6366	~6366
8.652	~5811	~5810
9.650	~5631	~5631
10.651	~5400	~5397
11.647	~6163	~6160
12.659	643.3	643.3
13.661	407.2	407.2
14.660	408.4	408.4
15.554	408.3	408.3
16.667	440.3	440.3
17.665	263.5	262.5
18.659	441.6	442.7
19.667	699.4	699.4
20.686	803.7	803.7
21.659	879.8	879.8

Timestamp <i>Seconds</i>	Transmit rate	Receive rate
22.658	904.9	904.9
23.657	912.9	912.9
24.553	907.4	907.4
25.553	910	910
26.108	740.5	740.5
27.137	0.00	0.00

7.25.26.1. Frame Rate: 1

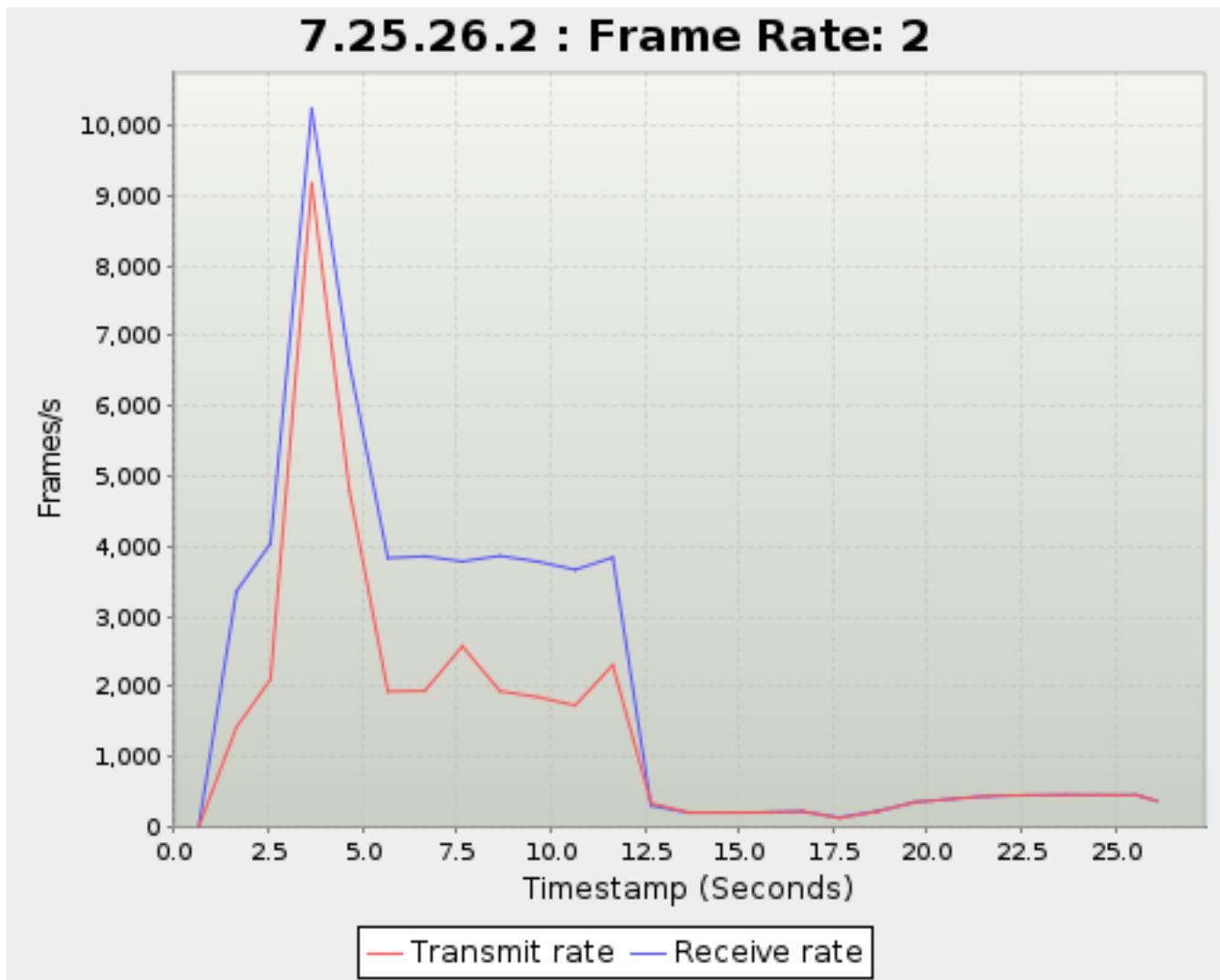


Rates can vary due to round-off errors in calculations.

Timestamp Seconds	Transmit rate	Receive rate
0.647	3.091	1.546
1.649	~2230	~510
2.554	~5286	~3109
3.648	~10230	~9177
4.647	~6613	~4800
5.669	~3838	~1935
6.652	~3850	~1933
7.651	~3790	~2581
8.652	~3876	~1945
9.650	~3780	~1848
10.651	~3665	~1728
11.647	~3855	~2317
12.659	303.4	339.9
13.661	203.6	203.6
14.660	204.2	204.2
15.554	202.5	202.5
16.667	218.3	219.2
17.665	138.3	128.3
18.659	223.3	220.3
19.667	348.2	348.2
20.686	403.3	402.4
21.659	439.9	439.9

Timestamp	Transmit rate	Receive rate
Seconds	Frames/s	
22.658	452.5	453.5
23.657	456.5	456.5
24.553	453.1	453.1
25.553	456	454
26.108	371.2	~373
27.137	0.00	0.00

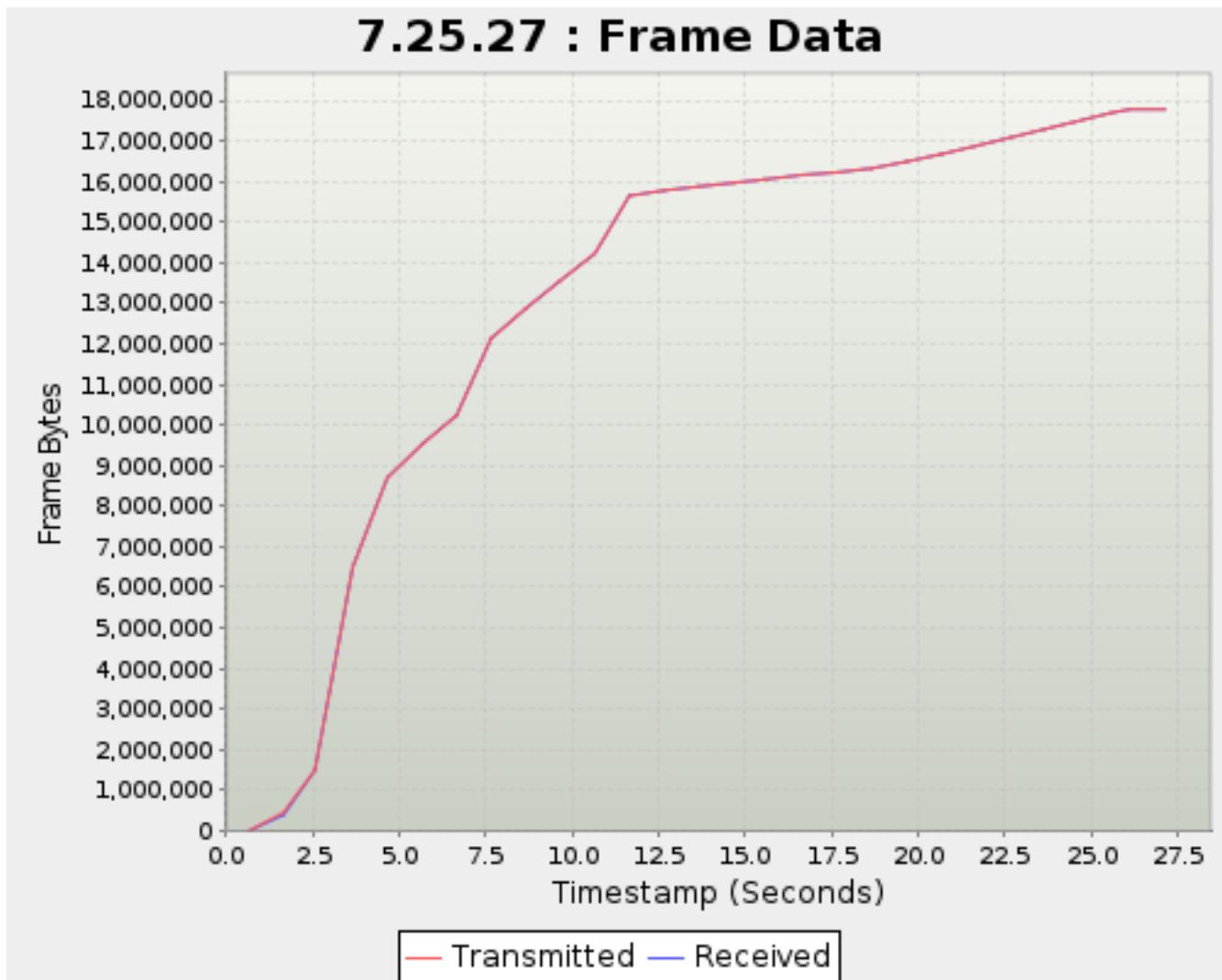
7.25.26.2. Frame Rate: 2



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

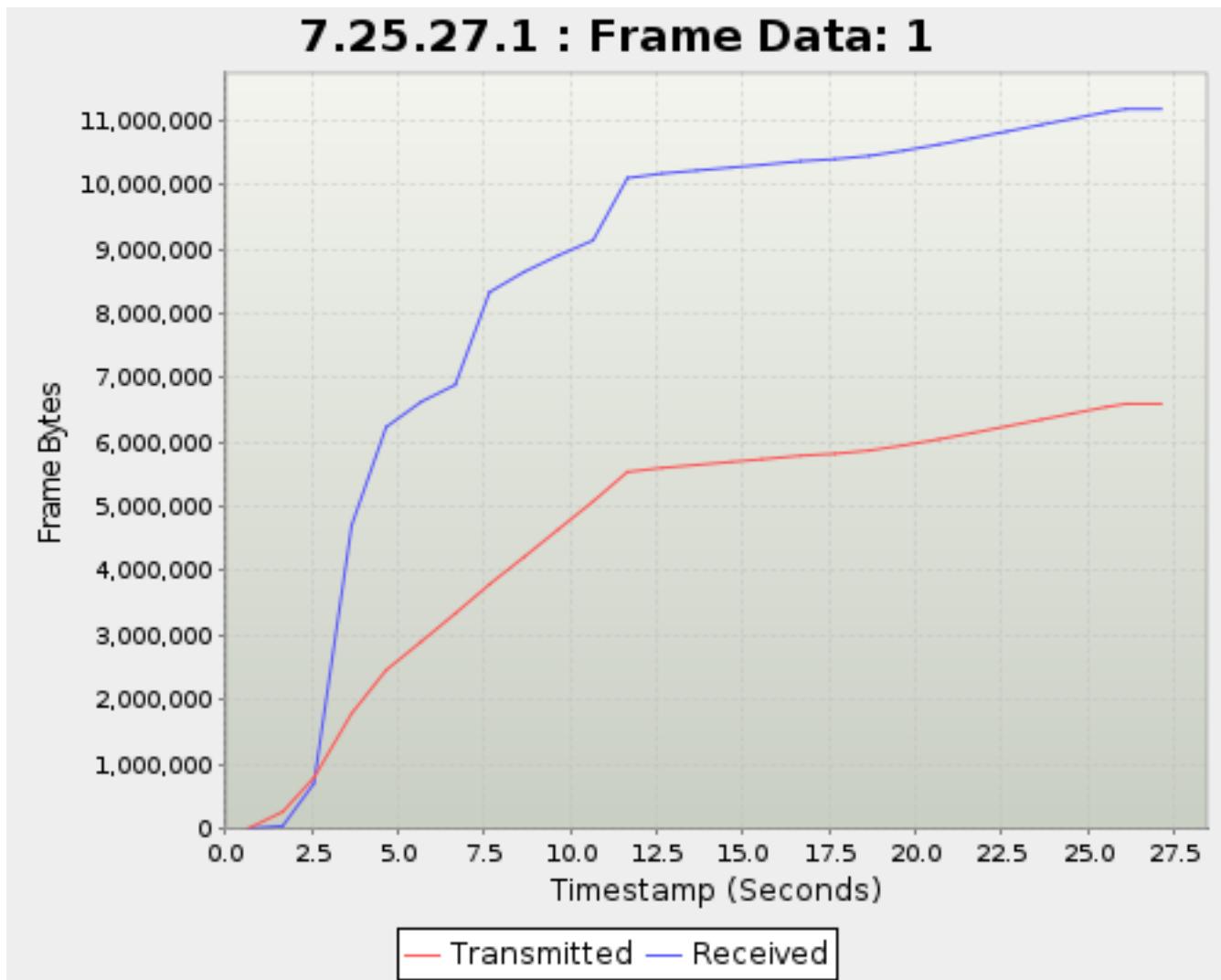
Timestamp Seconds	Transmit rate	Receive rate
0.647	3.091	9.274
1.649	~1423	~3359
2.554	~2103	~4042
3.648	~9177	~10240
4.647	~4805	~6615
5.669	~1932	~3833
6.652	~1940	~3859
7.651	~2577	~3786
8.652	~1935	~3865
9.650	~1852	~3784
10.651	~1734	~3668
11.647	~2307	~3842
12.659	339.9	303.4
13.661	203.6	203.6
14.660	204.2	204.2
15.554	205.8	205.8
16.667	221.9	~221
17.665	125.3	134.3
18.659	218.3	222.3
19.667	351.2	351.2
20.686	400.4	401.4
21.659	439.9	439.9

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		Frames/s	Frames/s
22.658		452.5	451.5
23.657		456.5	456.5
24.553		454.2	454.2
25.553		454	456
26.108		369.4	367.6
27.137		0.00	0.00

7.25.27. Frame Data

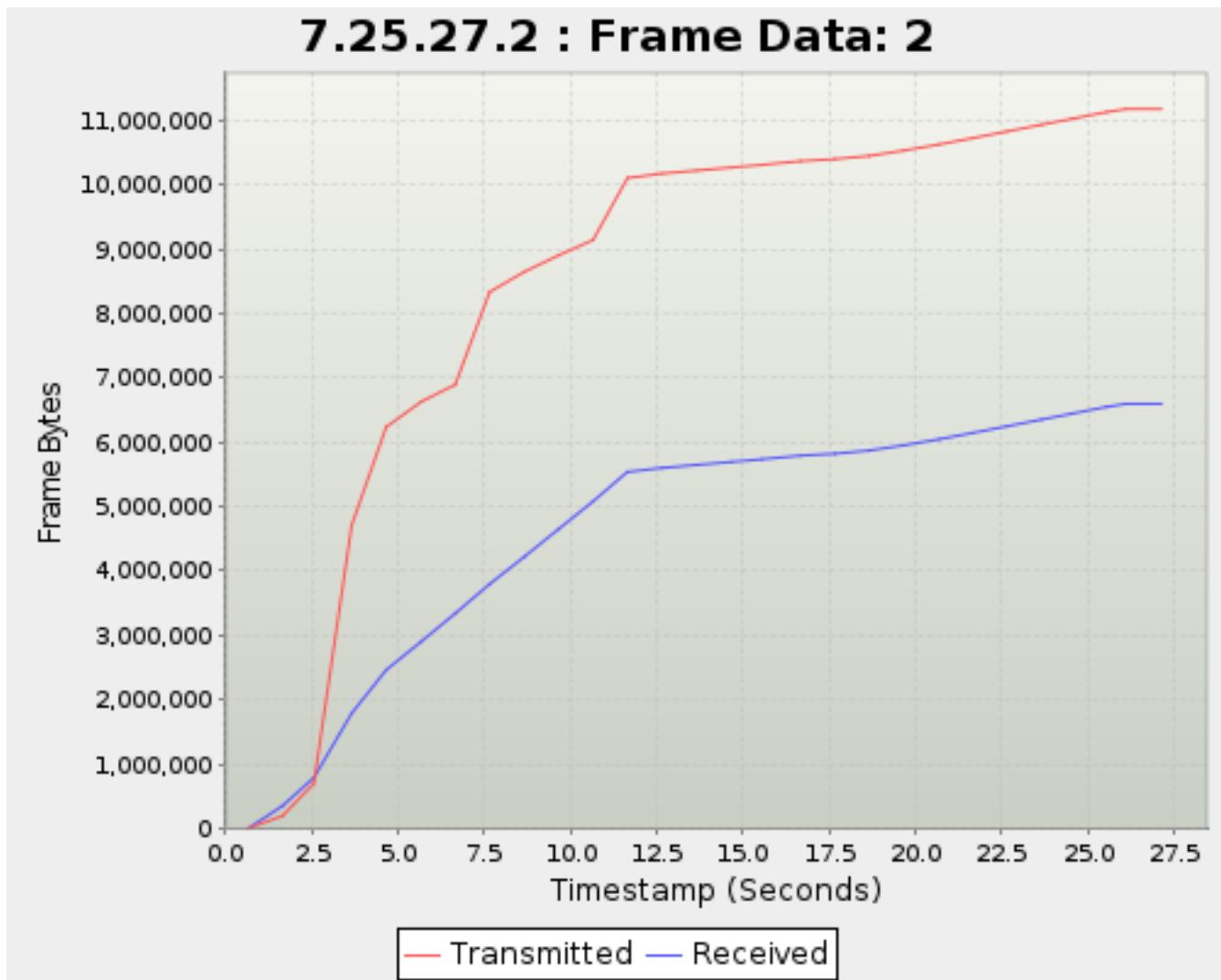
Timestamp Seconds	Transmitted		Received
	Frame bytes		
0.647	292		617
1.649	457,662		393,019
2.554	1,491,777		1,492,193
3.648	6,497,589		6,498,947
4.647	8,696,705		8,697,572
5.669	9,536,386		9,537,103
6.652	10,236,062		10,235,926
7.651	12,132,667		12,133,381
8.652	12,868,352		12,869,225
9.650	13,557,394		13,558,162
10.651	14,225,821		14,222,332
11.647	15,646,762		15,646,762
12.659	15,780,622		15,780,622
13.661	15,873,654		15,873,654
14.660	15,966,686		15,966,686
15.554	16,049,828		16,049,828
16.667	16,162,762		16,162,760
17.665	16,224,824		16,224,594
18.659	16,324,239		16,324,239
19.667	16,488,696		16,488,696
20.686	16,676,331		16,676,331
21.659	16,873,207		16,873,207
22.658	17,080,596		17,080,596
23.657	17,289,090		17,289,090

Timestamp	Transmitted	Received
Seconds	Frame bytes	
24.553	17,475,447	17,475,447
25.553	17,683,699	17,683,699
26.108	17,777,909	17,777,909
27.137	17,777,909	17,777,909

7.25.27.1. Frame Data: 1

Timestamp	Transmitted	Received
Seconds	Frame bytes	
0.647	144	74
1.649	259,668	38,522
2.554	789,877	701,421
3.648	1,787,251	4,709,980
4.647	2,459,945	6,235,888
5.669	2,904,097	6,631,631
6.652	3,339,615	6,894,312
7.651	3,796,322	8,335,209
8.652	4,219,376	8,648,976
9.650	4,650,862	8,906,088
10.651	5,081,635	9,139,348
11.647	5,540,362	10,106,400
12.659	5,602,710	10,177,912
13.661	5,649,222	10,224,432
14.660	5,695,734	10,270,952
15.554	5,736,956	10,312,182
16.667	5,792,626	10,368,856
17.665	5,822,821	10,401,313
18.659	5,872,860	10,451,149
19.667	5,953,442	10,534,334
20.686	6,047,564	10,628,307
21.659	6,145,581	10,727,166
22.658	6,249,337	10,831,029
23.657	6,353,605	10,935,255

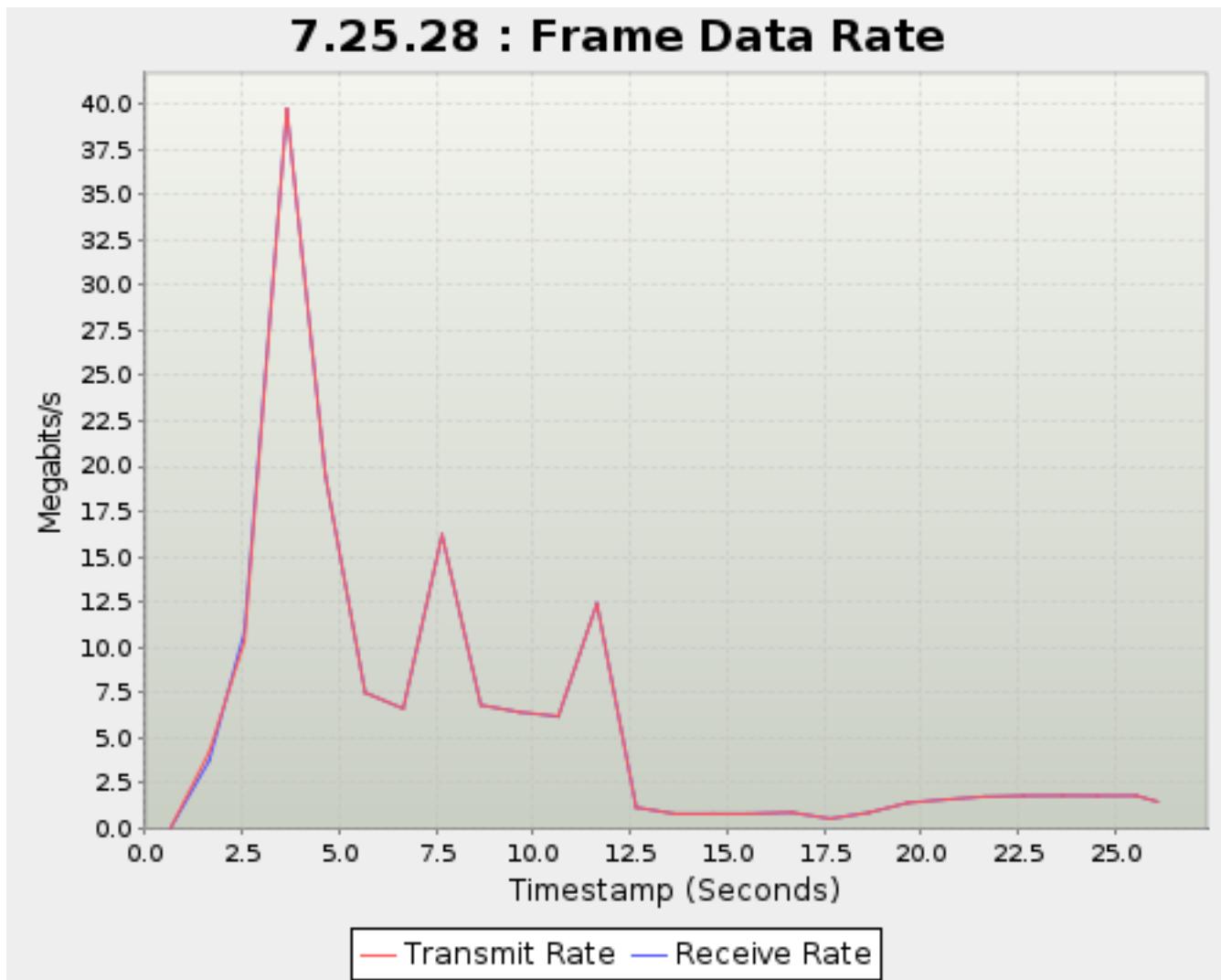
Timestamp	Transmitted	Received
Seconds	Frame bytes	
24.553	6,446,679	11,028,308
25.553	6,550,947	11,132,292
26.108	6,598,225	11,179,684
27.137	6,598,225	11,179,684

7.25.27.2. Frame Data: 2

Timestamp	Transmitted	Received
Seconds	Frame bytes	
0.647	148	543
1.649	197,994	354,497
2.554	701,900	790,772
3.648	4,710,338	1,788,967
4.647	6,236,760	2,461,684
5.669	6,632,289	2,905,472
6.652	6,896,447	3,341,614
7.651	8,336,345	3,798,172
8.652	8,648,976	4,220,249
9.650	8,906,532	4,652,074
10.651	9,144,186	5,082,984
11.647	10,106,400	5,540,362
12.659	10,177,912	5,602,710
13.661	10,224,432	5,649,222
14.660	10,270,952	5,695,734
15.554	10,312,872	5,737,646
16.667	10,370,136	5,793,904
17.665	10,402,003	5,823,281
18.659	10,451,379	5,873,090
19.667	10,535,254	5,954,362
20.686	10,628,767	6,048,024
21.659	10,727,626	6,146,041
22.658	10,831,259	6,249,567
23.657	10,935,485	6,353,835

Timestamp	Transmitted	Received
Seconds	Frame bytes	
24.553	11,028,768	6,447,139
25.553	11,132,752	6,551,407
26.108	11,179,684	6,598,225
27.137	11,179,684	6,598,225

7.25.28. Frame Data Rate



Data Rate shown includes Ethernet overhead.

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

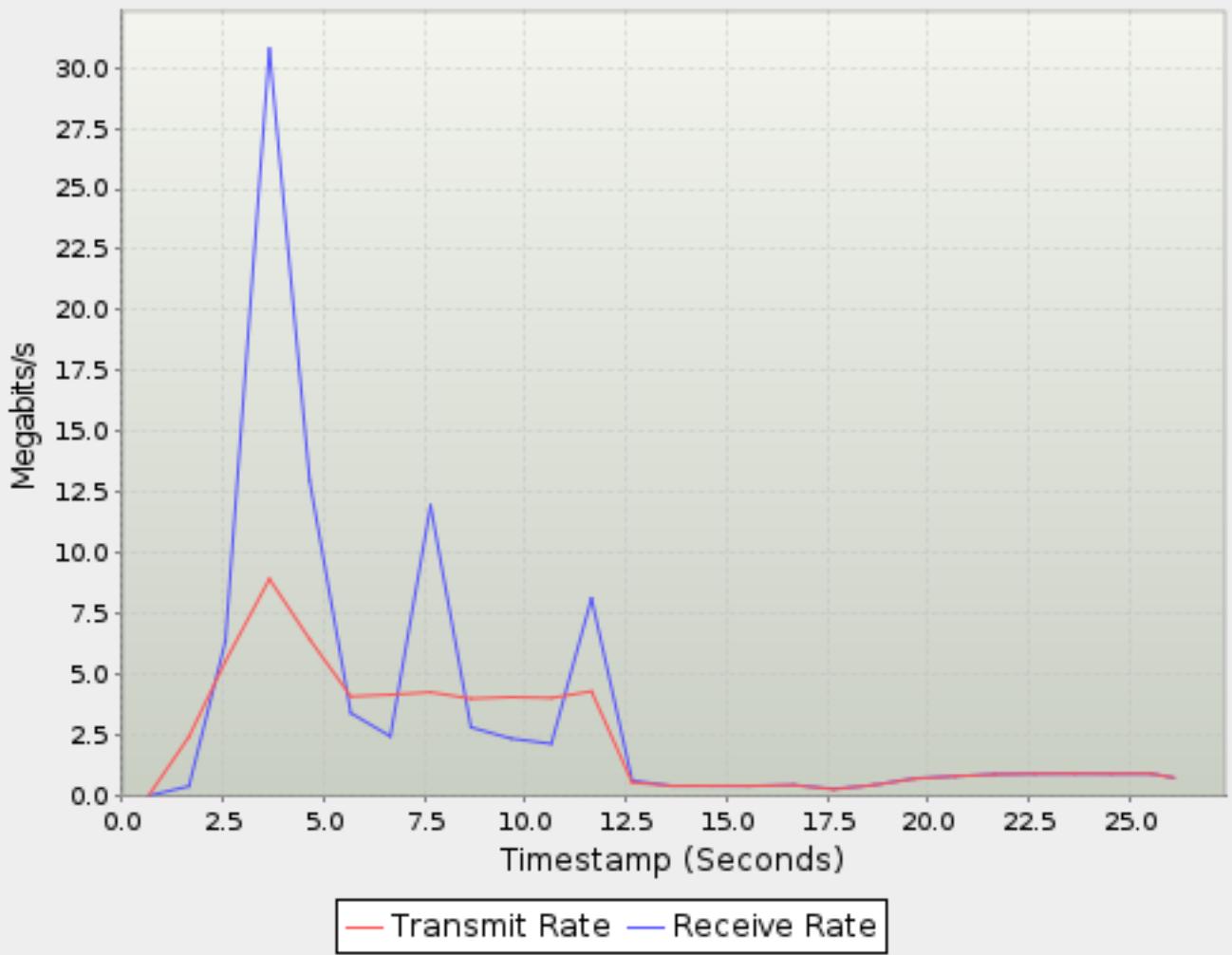
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit Rate	Receive Rate
0.647	0.004600	0.009360
1.649	4.236	3.752
2.554	10.32	10.86
3.648	39.71	39.72
4.647	19.44	19.43
5.669	7.496	7.495
6.652	6.621	6.614
7.651	16.21	16.21
8.652	6.809	6.811
9.650	6.424	6.424
10.651	6.206	6.172
11.647	12.40	12.43
12.659	1.161	1.161
13.661	0.8079	0.8079
14.660	0.8103	0.8103
15.554	0.8093	0.8093
16.667	0.8822	0.8822
17.665	0.5397	0.5377
18.659	0.8708	0.8728

Timestamp	<i>Seconds</i>	Transmit Rate	Receive Rate
		<i>Megabits/s</i>	
19.667		1.417	1.417
20.686		1.602	1.602
21.659		1.759	1.759
22.658		1.806	1.806
23.657		1.816	1.816
24.553		1.809	1.809
25.553		1.812	1.812
26.108		1.476	1.476
27.137		0	0

7.25.28.1. Frame Data Rate: 1

7.25.28.1 : 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.

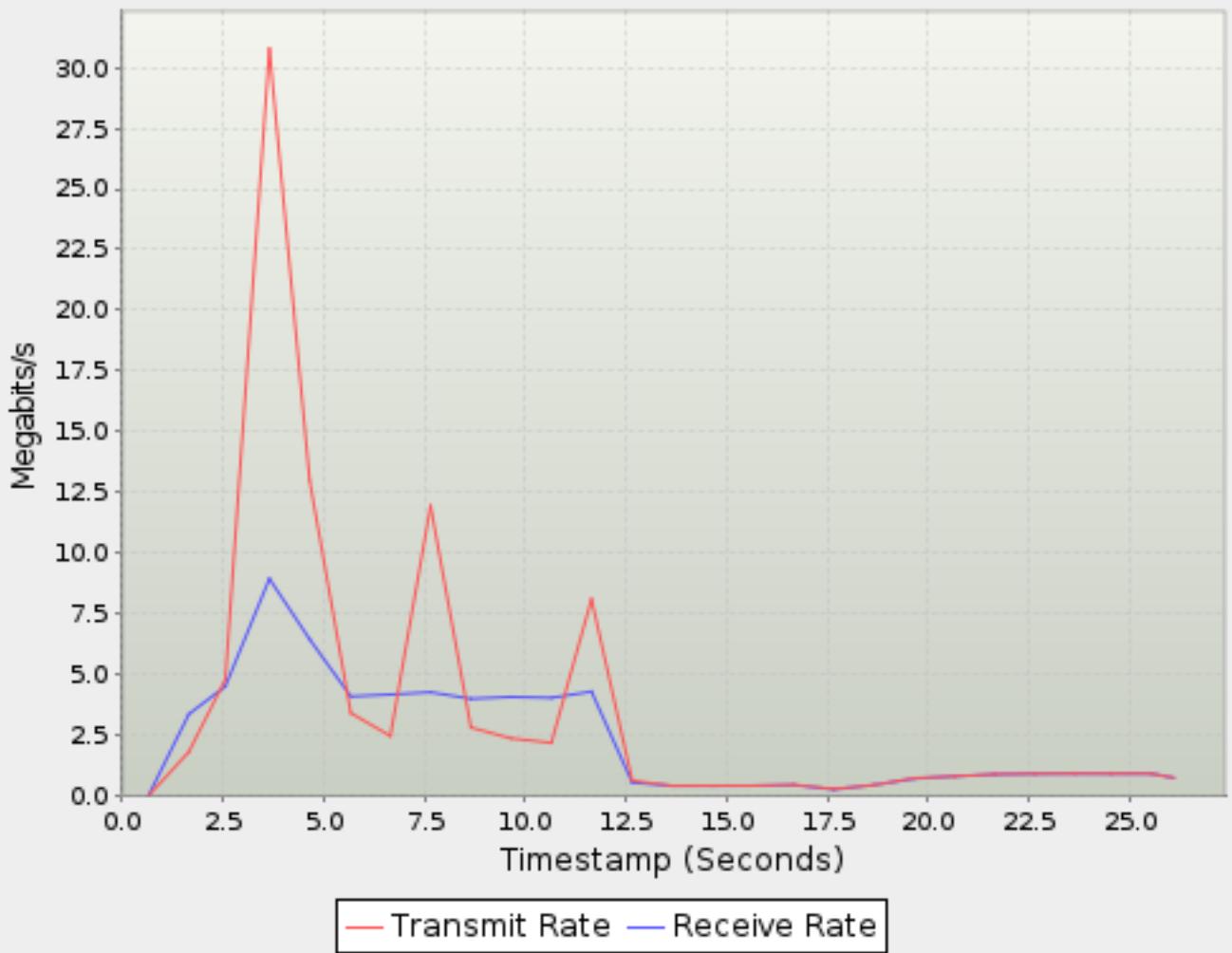
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit Rate	Receive Rate
0.647	0.002275	0.001162
1.649	2.429	0.3886
2.554	5.533	6.357
3.648	8.930	30.78
4.647	6.445	12.99
5.669	4.091	3.407
6.652	4.160	2.447
7.651	4.264	11.95
8.652	4.001	2.819
9.650	4.064	2.357
10.651	4.029	2.141
11.647	4.301	8.138
12.659	0.5414	0.6197
13.661	0.4039	0.4040
14.660	0.4051	0.4052
15.554	0.4013	0.4013
16.667	0.4351	0.4424
17.665	0.2642	0.2807
18.659	0.4385	0.4363

Timestamp	<i>Seconds</i>	Transmit Rate	Receive Rate
		<i>Megabits/s</i>	
19.667		0.6953	0.7159
20.686		0.8035	0.8021
21.659		0.8763	0.8832
22.658		0.9033	0.9043
23.657		0.9080	0.9077
24.553		0.9035	0.9033
25.553		0.9071	0.9045
26.108		0.7409	0.7428
27.137		0	0

7.25.28.2. Frame Data Rate: 2

7.25.28.2 : Frame Data Rate: 2



Data Rate shown includes Ethernet overhead.

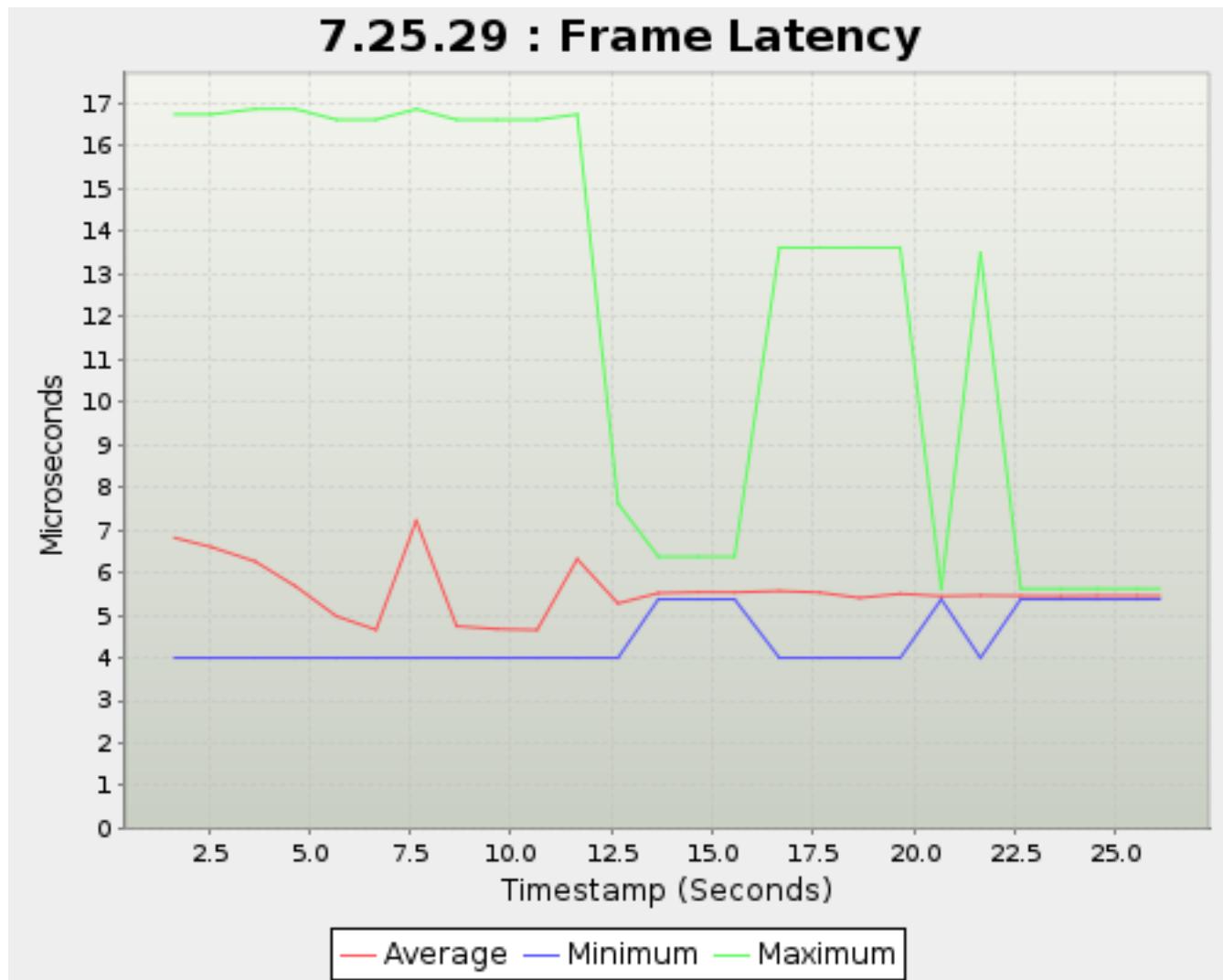
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit Rate Megabits/s	Receive Rate Megabits/s
0.647	0.002325	0.008198
1.649	1.807	3.363
2.554	4.791	4.503
3.648	30.78	8.937
4.647	12.99	6.445
5.669	3.405	4.087
6.652	2.460	4.167
7.651	11.94	4.262
8.652	2.808	3.992
9.650	2.361	4.067
10.651	2.177	4.031
11.647	8.098	4.288
12.659	0.6197	0.5414
13.661	0.4040	0.4039
14.660	0.4052	0.4051
15.554	0.4081	0.4080
16.667	0.4471	0.4397
17.665	0.2755	0.2570
18.659	0.4323	0.4365

Timestamp	<i>Seconds</i>	Transmit Rate	Receive Rate
		<i>Megabits/s</i>	
19.667		0.7219	0.7012
20.686		0.7982	0.7995
21.659		0.8832	0.8763
22.658		0.9023	0.9013
23.657		0.9077	0.9080
24.553		0.9056	0.9057
25.553		0.9045	0.9071
26.108		0.7356	0.7337
27.137		0	0

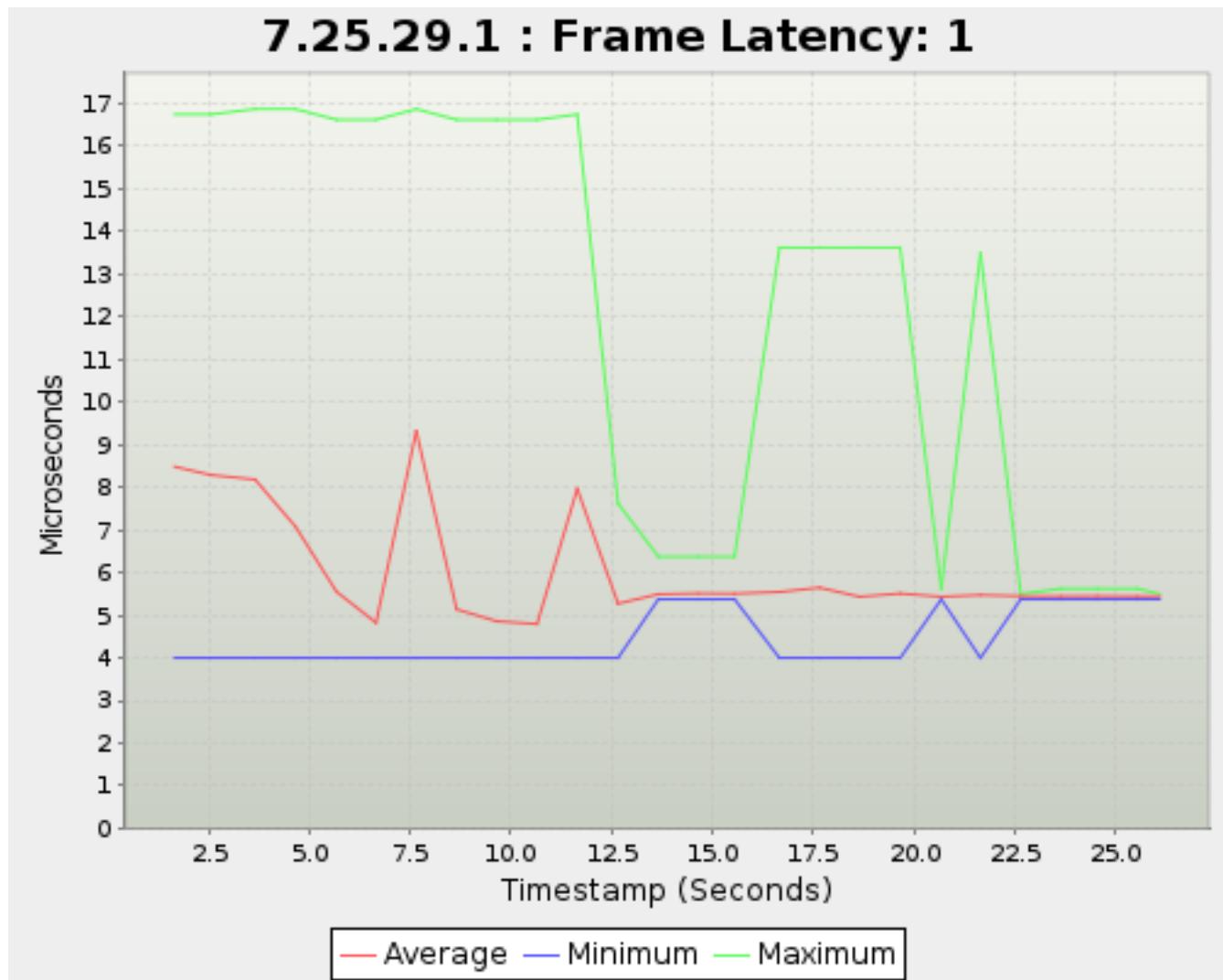
7.25.29. Frame Latency



Timestamp	Average	Minimum	Maximum
Seconds			Microseconds
1.649	6.818	4	16.750
2.554	6.603	4	16.750
3.648	6.265	4	16.875
4.647	5.686	4	16.875
5.669	4.979	4	16.625
6.652	4.660	4	16.625
7.651	7.221	4	16.875
8.652	4.744	4	16.625
9.650	4.678	4	16.625
10.651	4.657	4	16.625
11.647	6.318	4	16.750
12.659	5.280	4	7.625
13.661	5.520	5.375	6.375
14.660	5.541	5.375	6.375
15.554	5.538	5.375	6.375
16.667	5.571	4	13.625
17.665	5.534	4	13.625
18.659	5.409	4	13.625
19.667	5.504	4	13.625
20.686	5.450	5.375	5.625
21.659	5.466	4	13.500
22.658	5.457	5.375	5.625
23.657	5.454	5.375	5.625
24.553	5.461	5.375	5.625

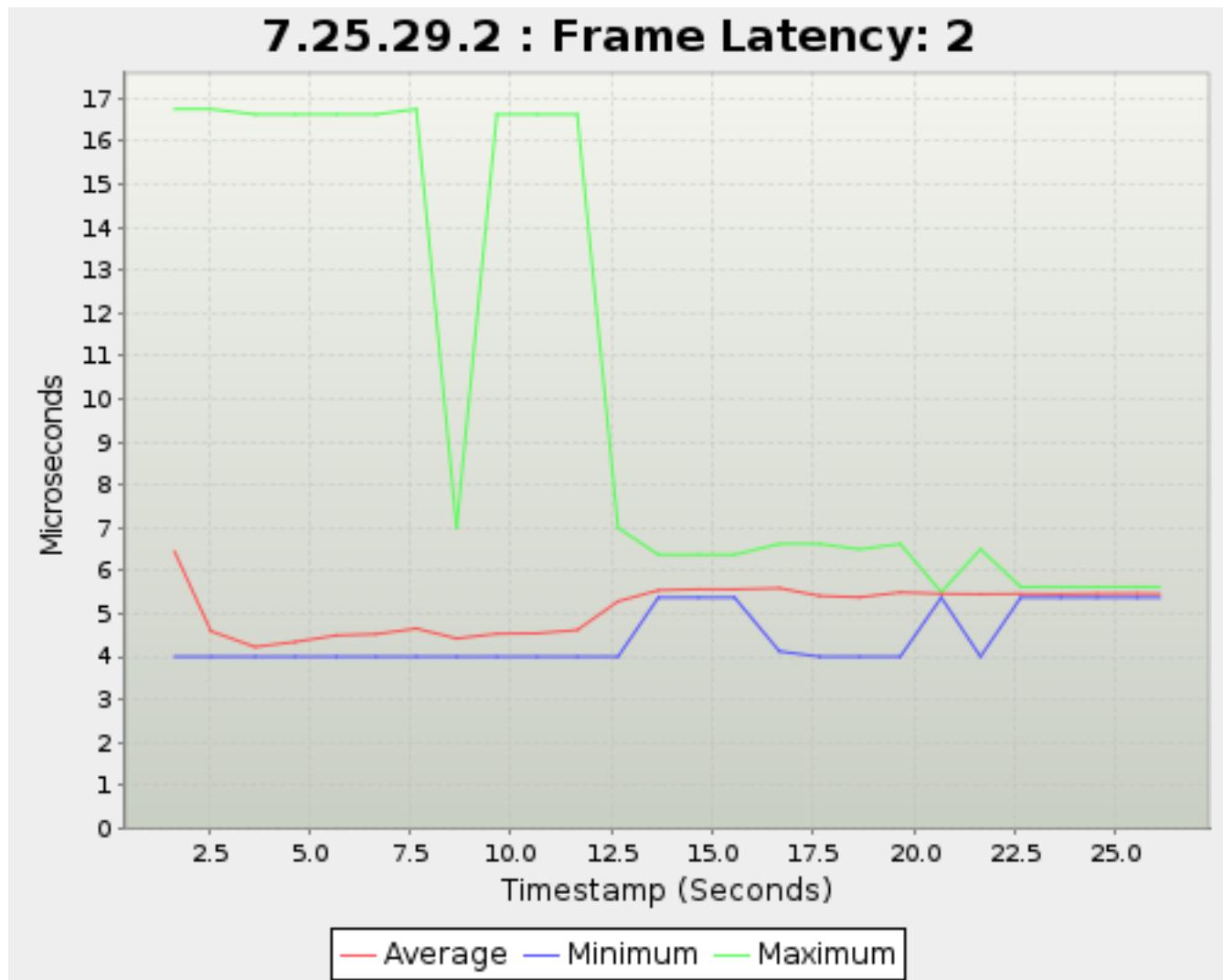
Timestamp	Average	Minimum	Maximum
<i>Seconds</i>			
25.553	5.460	5.375	5.625
26.108	5.458	5.375	5.625

7.25.29.1. Frame Latency: 1



Timestamp	Average	Minimum	Maximum
1.649	8.487	4	16.750
2.554	8.291	4	16.750
3.648	8.185	4	16.875
4.647	7.087	4	16.875
5.669	5.555	4	16.625
6.652	4.825	4	16.625
7.651	9.326	4	16.875
8.652	5.140	4	16.625
9.650	4.860	4	16.625
10.651	4.797	4	16.625
11.647	7.969	4	16.750
12.659	5.274	4	7.625
13.661	5.495	5.375	6.375
14.660	5.513	5.375	6.375
15.554	5.508	5.375	6.375
16.667	5.548	4	13.625
17.665	5.648	4	13.625
18.659	5.436	4	13.625
19.667	5.510	4	13.625
20.686	5.436	5.375	5.625
21.659	5.475	4	13.500
22.658	5.451	5.375	5.500
23.657	5.451	5.375	5.625
24.553	5.454	5.375	5.625

Timestamp	Average	Minimum	Maximum
<i>Seconds</i>			
25.553	5.449	5.375	5.625
26.108	5.449	5.375	5.500

7.25.29.2. Frame Latency: 2

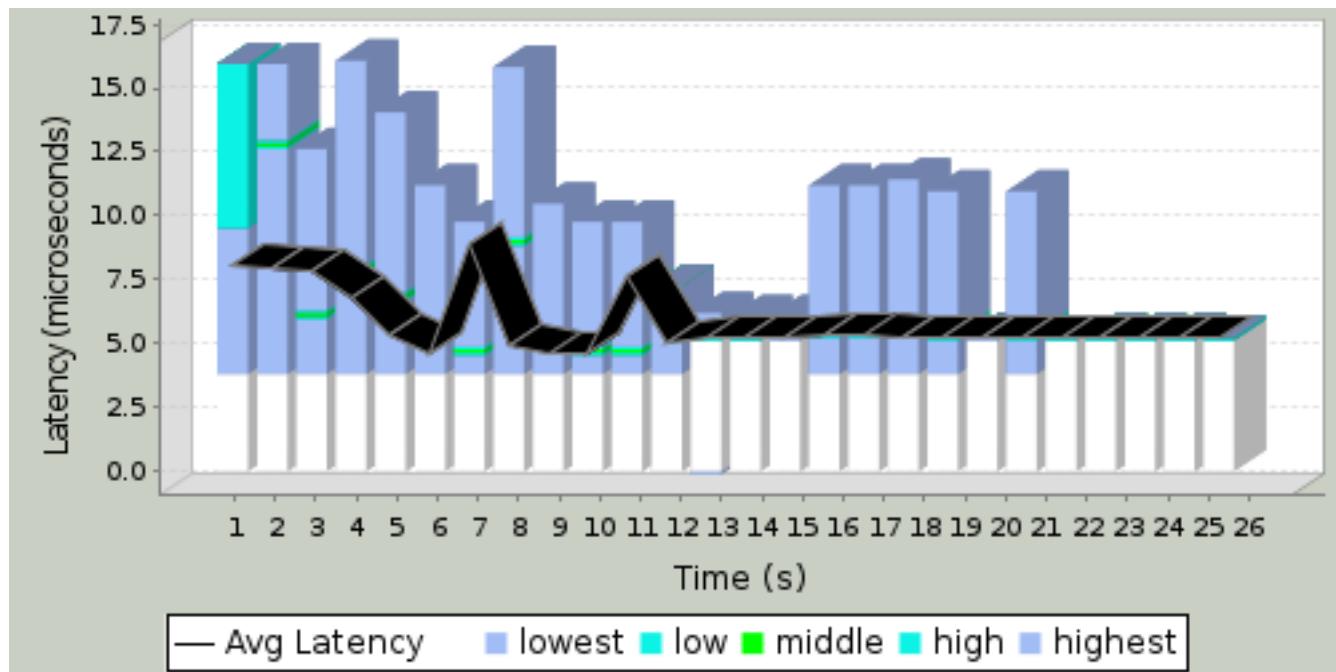
Timestamp Seconds	Average Microseconds	Minimum Microseconds	Maximum Microseconds
1.649	6.446	4	16.750
2.554	4.593	4	16.750
3.648	4.228	4	16.625
4.647	4.344	4	16.625
5.669	4.495	4	16.625
6.652	4.525	4	16.625
7.651	4.655	4	16.750
8.652	4.424	4	7
9.650	4.532	4	16.625
10.651	4.543	4	16.625
11.647	4.620	4	16.625
12.659	5.286	4	7
13.661	5.545	5.375	6.375
14.660	5.570	5.375	6.375
15.554	5.567	5.375	6.375
16.667	5.595	4.125	6.625
17.665	5.415	4	6.625
18.659	5.382	4	6.500
19.667	5.497	4	6.625
20.686	5.464	5.375	5.500
21.659	5.456	4	6.500
22.658	5.463	5.375	5.625
23.657	5.458	5.375	5.625
24.553	5.468	5.375	5.625

Timestamp	Average	Minimum	Maximum
<i>Seconds</i>			
25.553	5.471	5.375	5.625
26.108	5.468	5.375	5.625

7.25.30. Frame Latency Distribution

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

7.25.30.1. Frame Latency Distribution: 1



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%

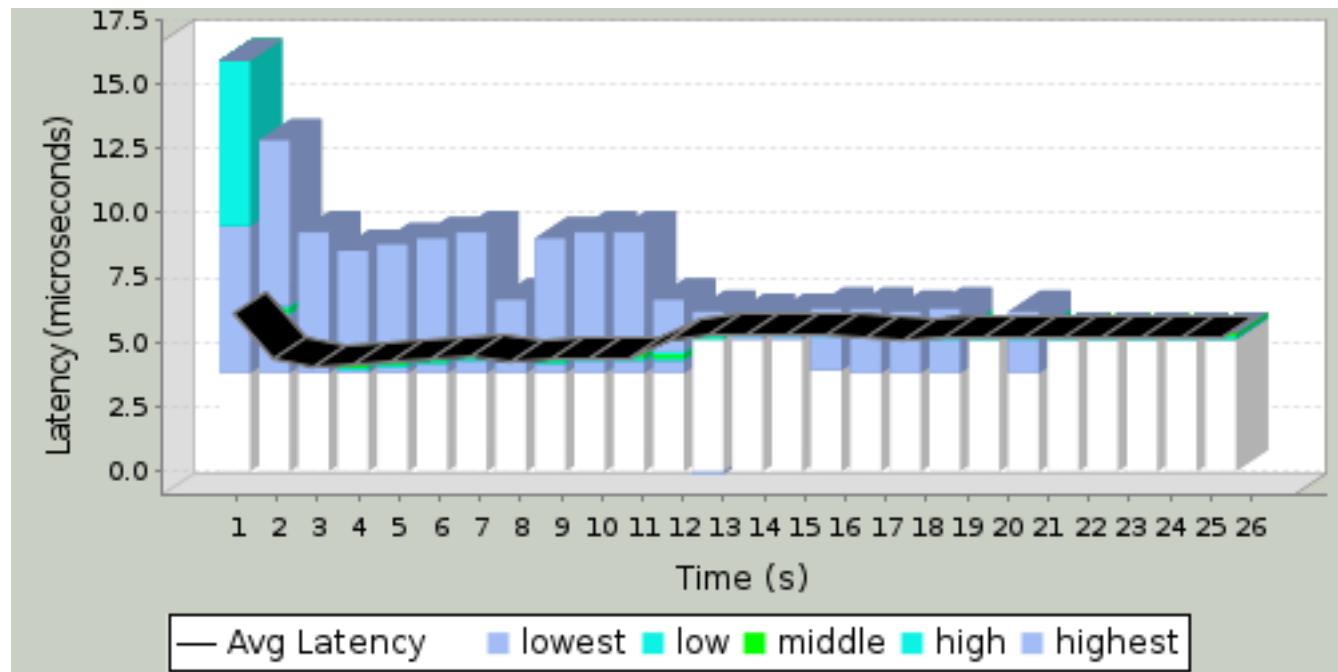
68.2% of packets sent during the interval (ideally) will be in the middle bucket (green).

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.

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			
1.649	8.487	4.000 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	123	129	0	0	0
2.554	8.291	4.000 <= 13.250	13.250 < 13.375	13.375 < 13.500	13.500 < 13.625	> 13.625	1,381	0	6 0.357%	2 0.119%	291 17.321%
3.648	8.185	4.000 <= 6.250	6.250 < 6.375	6.375 < 6.500	6.500 < 6.625	> 6.625	4,017	127 1.346%	171 1.812%	242 2.564%	4,881 51.716%
4.647	7.087	4.000 <= 8.125	8.125 < 8.250	8.250 < 8.375	8.375 < 8.500	> 8.500	3,301	25 0.580%	37 0.858%	30 0.696%	918 21.294%
5.669	5.555	4.000 <= 7.000	7.000 < 7.125	7.125 < 7.250	7.250 < 7.375	> 7.375	1,348	0	0	0	185 12.068%
6.652	4.825	4.000 <= 5.500	5.500 < 5.625	5.625 < 5.750	5.750 < 5.875	> 5.875	1,243	115 7.898%	2 0.137%	0	96 6.593%
7.651	9.326	4.000 <= 4.750	4.750 < 4.875	4.875 < 5.000	5.000 < 5.125	> 5.125	1,017	5 0.237%	1 0.047%	0	1,089 51.563%
8.652	5.140	4.000 <= 9.250	9.250 < 9.375	9.375 < 9.500	9.500 < 9.625	> 9.625	1,386	0	0	0	105 7.042%

Timestamp	Average	lowest	low	middle	high	highest	lowest	low count	middle	high	highest
p	Latency	latency	latency	latency	latency	latency	count	count	count	count	count
microseconds											
packets											
9.650	4.860	4.000 <= 5.125	5.125 < 5.250	5.250 < 5.375	5.375 < 5.500	> 5.500	1,112 80.058%	0	0	77 5.544%	200 14.399%
10.651	4.797	4.000 <= 4.750	4.750 < 4.875	4.875 < 5.000	5.000 < 5.125	> 5.125	1,057 79.354%	2 0.150%	1 0.075%	0	272 20.420%
11.647	7.969	4.000 <= 4.750	4.750 < 4.875	4.875 < 5.000	5.000 < 5.125	> 5.125	1,057 57.539%	5 0.272%	3 0.163%	0	772 42.025%
12.659	5.274	4.000 <= 7.875	7.875 < 8.000	8.000 < 8.125	8.125 < 8.250	> 8.250	340 100.000%	0	0	0	0
13.661	5.495	5.375 <= 5.250	5.250 < 5.375	5.375 < 5.500	5.500 < 5.625	> 5.625	0	0	78 39.000%	108 54.000%	14 7.000%
14.660	5.513	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0	73 36.683%	108 54.271%	1 0.503%	17 8.543%
15.554	5.508	5.375 <= 5.500	5.500 < 5.625	5.625 < 5.750	5.750 < 5.875	> 5.875	65 36.723%	96 54.237%	0	2 1.130%	14 7.910%
16.667	5.548	4.000 <= 5.500	5.500 < 5.625	5.625 < 5.750	5.750 < 5.875	> 5.875	72 29.876%	146 60.581%	1 0.415%	2 0.830%	20 8.299%
17.665	5.648	4.000 <= 5.500	5.500 < 5.625	5.625 < 5.750	5.750 < 5.875	> 5.875	45 35.156%	75 58.594%	1 0.781%	0	7 5.469%
18.659	5.436	4.000 <= 5.625	5.625 < 5.750	5.750 < 5.875	5.875 < 6.000	> 6.000	217 99.541%	0	0	0	1 0.459%
19.667	5.510	4.000 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	3 0.860%	128 36.676%	215 61.605%	0	3 0.860%
20.686	5.436	5.375 <= 5.500	5.500 < 5.625	5.625 < 5.750	5.750 < 5.875	> 5.875	162 39.706%	245 60.049%	1 0.245%	0	0
21.659	5.475	4.000 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	1 0.236%	182 43.026%	239 56.501%	0	1 0.236%
22.658	5.451	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0	178 39.644%	271 60.356%	0	0
23.657	5.451	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0	175 38.889%	273 60.667%	2 0.444%	0
24.553	5.454	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0	152 37.717%	250 62.035%	1 0.248%	0
25.553	5.449	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0	184 40.980%	264 58.797%	1 0.223%	0
26.108	5.449	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0	86 42.157%	118 57.843%	0	0

7.25.30.2. 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%

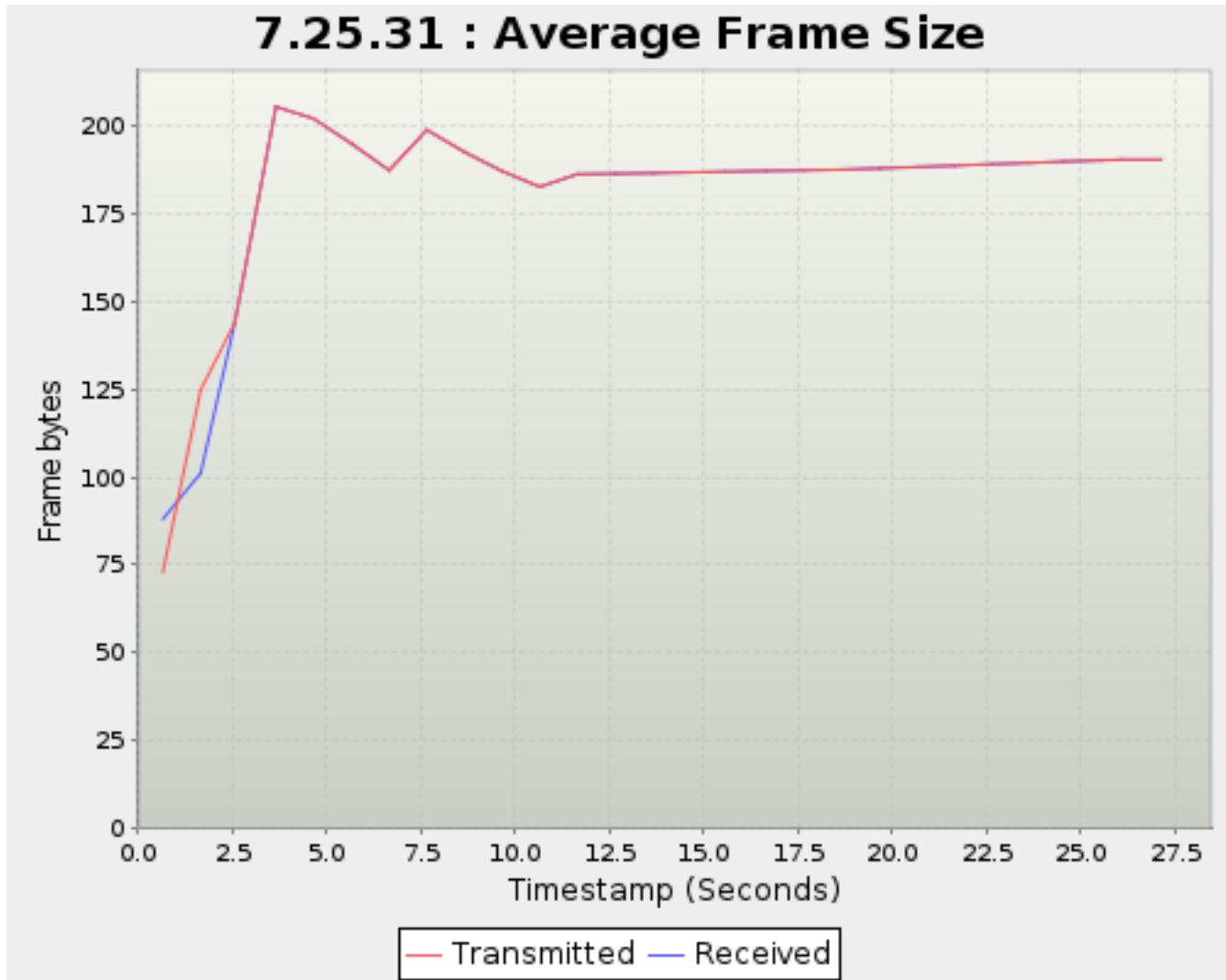
68.2% of packets sent during the interval (ideally) will be in the middle bucket (green).

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.

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			
1.649	6.446	4.000 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	1,009	197	0	0	0
2.554	4.593	4.000 <= 6.375	6.375 < 6.500	6.500 < 6.625	6.625 < 6.750	> 6.750	1,721	0	0	0	51 2.878%
3.648	4.228	4.000 <= 4.500	4.500 < 4.625	4.625 < 4.750	4.750 < 4.875	> 4.875	8,099	70 0.786%	356 4.000%	217 2.438%	159 1.786%
4.647	4.344	4.000 <= 4.125	4.125 < 4.250	4.250 < 4.375	4.375 < 4.500	> 4.500	1,157	2,079	492	81 1.800%	692 15.374%
5.669	4.495	4.000 <= 4.250	4.250 < 4.375	4.375 < 4.500	4.500 < 4.625	> 4.625	1,135	27 1.481%	19 0.1042%	3 0.165%	639 35.052%
6.652	4.525	4.000 <= 4.375	4.375 < 4.500	4.500 < 4.625	4.625 < 4.750	> 4.750	1,146	7 0.392%	0	244 13.654%	390 21.824%
7.651	4.655	4.000 <= 4.500	4.500 < 4.625	4.625 < 4.750	4.750 < 4.875	> 4.875	1,076	4 0.230%	212 12.212%	170 9.793%	274 15.783%
8.652	4.424	4.000 <= 4.625	4.625 < 4.750	4.750 < 4.875	4.875 < 5.000	> 5.000	1,191	245	175 9.485%	0	234 12.683%

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				
9.650	4.532	4.000 <= 4.375	4.375 < 4.500	4.500 < 4.625	4.625 < 4.750	> 4.750	1,093 62.780%	6 0.345% 1 0.057%	243 13.957%	398 22.860%		
10.651	4.543	4.000 <= 4.500	4.500 < 4.625	4.625 < 4.750	4.750 < 4.875	> 4.875	1,043 63.870%	1 0.061% 199 12.186%	146 8.941%	244 14.942%		
11.647	4.620	4.000 <= 4.500	4.500 < 4.625	4.625 < 4.750	4.750 < 4.875	> 4.875	1,124 62.934%	6 0.336% 11.926%	213 274	169 9.462%	274 15.342%	
12.659	5.286	4.000 <= 4.500	4.500 < 4.625	4.625 < 4.750	4.750 < 4.875	> 4.875	68 22.368%	0 0	0 0	0 0	236 77.632%	
13.661	5.545	5.375 <= 5.250	5.250 < 5.375	5.375 < 5.500	5.500 < 5.625	> 5.625	0 0	45 22.500% 65.500%	131 13.100%	24 12.000%		
14.660	5.570	5.375 <= 5.500	5.500 < 5.625	5.625 < 5.750	5.750 < 5.875	> 5.875	44 22.000% 62.500%	125 4 2.000%	2 1.000%	25 12.500%		
15.554	5.567	5.375 <= 5.500	5.500 < 5.625	5.625 < 5.750	5.750 < 5.875	> 5.875	39 21.667% 62.778%	113 3 1.667%	4 2.222%	21 11.667%		
16.667	5.595	4.125 <= 5.500	5.500 < 5.625	5.625 < 5.750	5.750 < 5.875	> 5.875	51 21.074% 61.157%	148 4 1.653%	1 0.413%	38 15.702%		
17.665	5.415	4.000 <= 5.500	5.500 < 5.625	5.625 < 5.750	5.750 < 5.875	> 5.875	38 30.894%	81 65.854% 0	0 0	4 3.252%		
18.659	5.382	4.000 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	10 4.545% 68.182%	54 24.545% 0	150 0	6 2.727%		
19.667	5.497	4.000 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	2 0.575% 92 26.437%	92 26.437% 251 72.126%	1 0.287%	2 0.575%		
20.686	5.464	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0 27.970%	113 72.030%	0 0	0 0		
21.659	5.456	4.000 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	1 0.237% 33.649%	142 65.640%	277 1 0.237%	1 0.237%		
22.658	5.463	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0 30.735%	138 67.929%	305 6 1.336%	0 0		
23.657	5.458	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0 34.298%	154 64.811%	291 4 0.891%	0 0		
24.553	5.468	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0 27.792%	112 71.464%	288 3 0.744%	0 0		
25.553	5.471	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0 24.499%	110 74.388%	334 5 1.114%	0 0		
26.108	5.468	5.375 <= 5.375	5.375 < 5.500	5.500 < 5.625	5.625 < 5.750	> 5.750	0 53 26.108%	149 73.399%	1 0.493%	0 0		

7.25.31. Average Frame Size

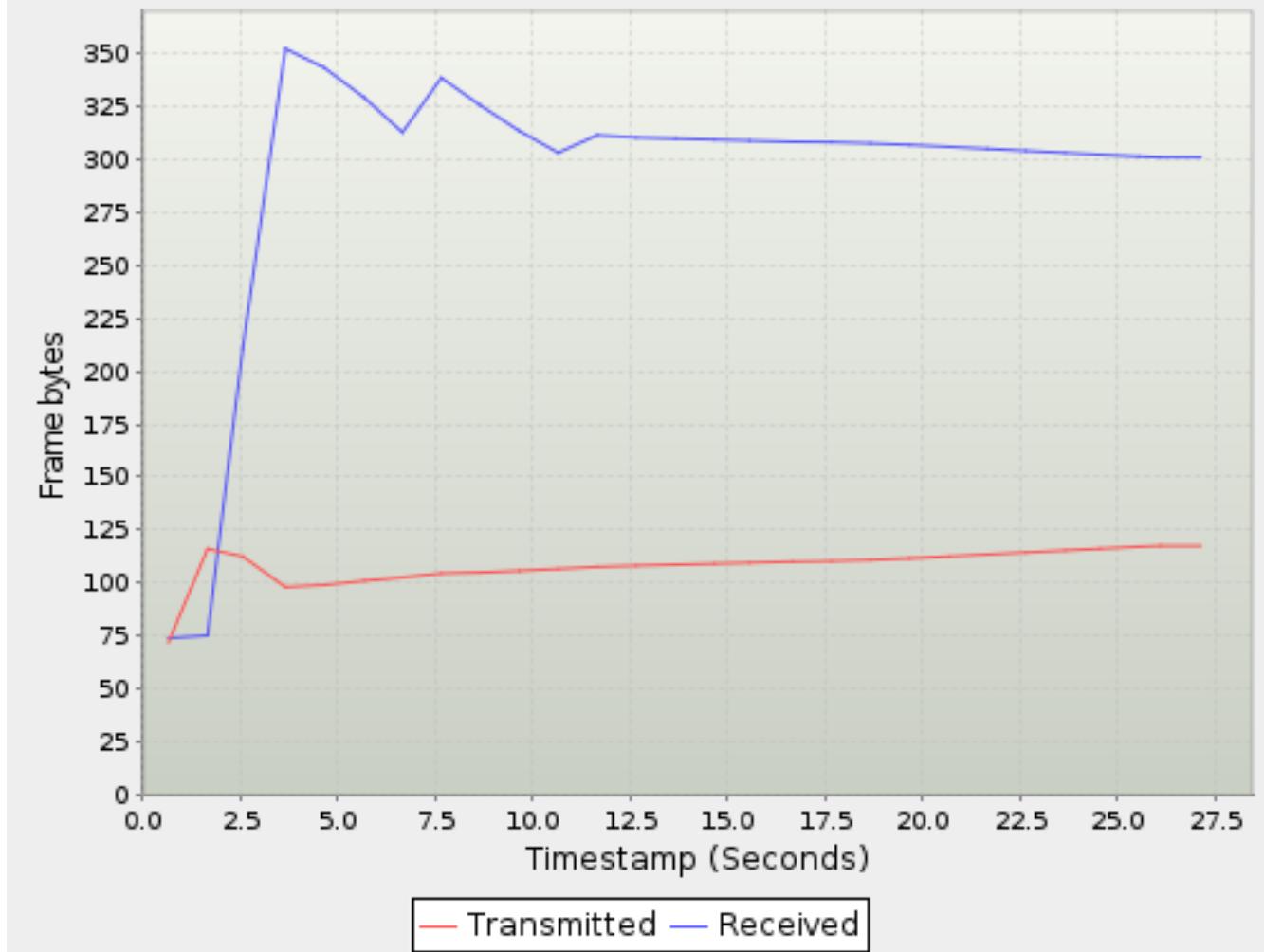


Timestamp	Transmitted	Received
Seconds		Frame bytes
0.647	73	88.143
1.649	124.908	101.189
2.554	144.119	144.090
3.648	205.731	205.702
4.647	202.301	202.283
5.669	195.074	195.065
6.652	187.549	187.523
7.651	199.099	199.087
8.652	192.770	192.766
9.650	187.322	187.317
10.651	182.898	182.846
11.647	186.453	186.453
12.659	186.601	186.601
13.661	186.799	186.799
14.660	186.996	186.996
15.554	187.170	187.170
16.667	187.416	187.416
17.665	187.564	187.563
18.659	187.760	187.760
19.667	188.126	188.126
20.686	188.506	188.506
21.659	188.903	188.903
22.658	189.309	189.309
23.657	189.702	189.702

Timestamp	Transmitted	Received
Seconds	Frame bytes	
24.553	190.052	190.052
25.553	190.432	190.432
26.108	190.603	190.603
27.137	190.603	190.603

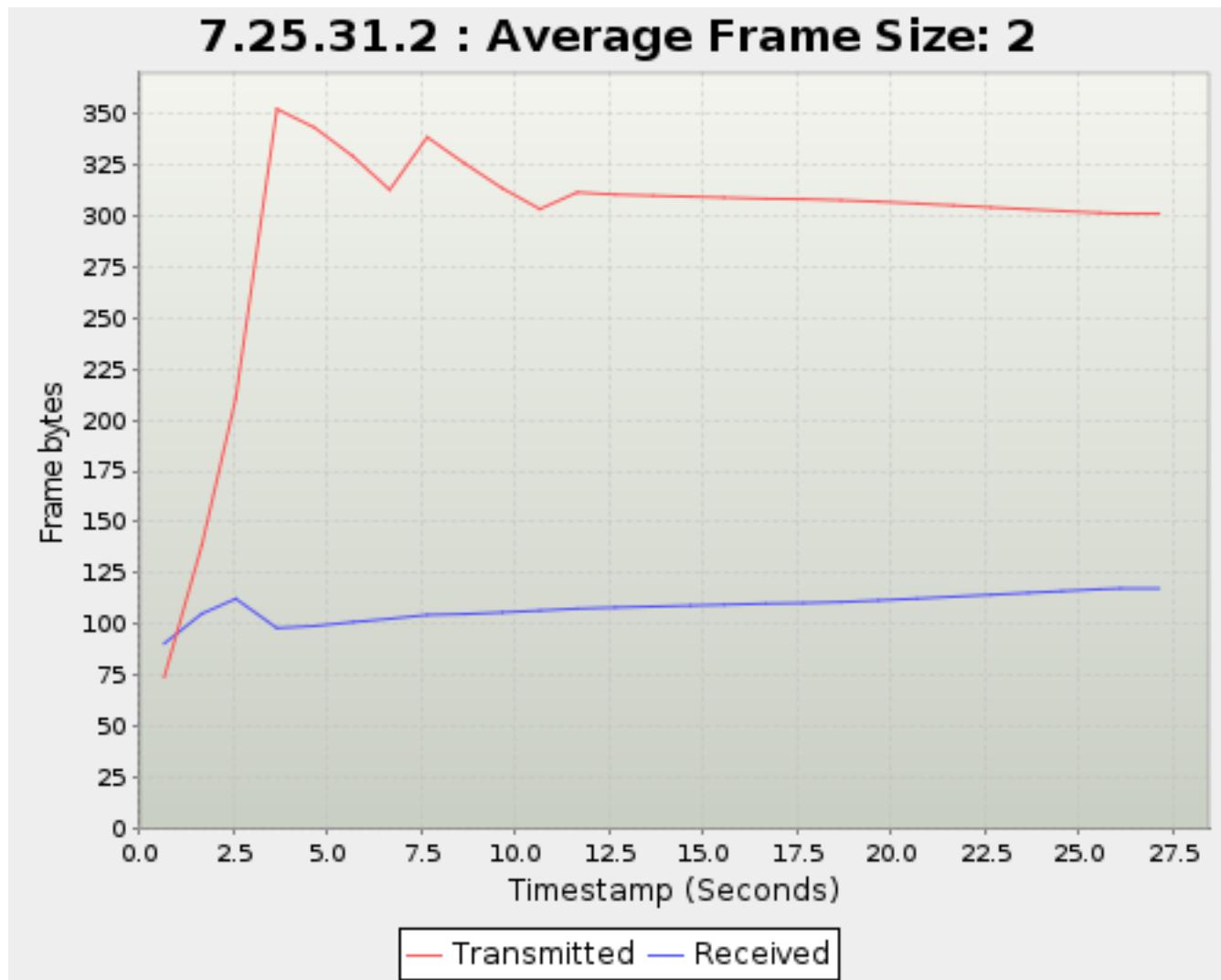
7.25.31.1. Average Frame Size: 1

7.25.31.1 : Average Frame Size: 1



Timestamp	Transmitted		Received
	Seconds	Frame bytes	
0.647	72	74	
1.649	116.131	75.238	
2.554	112.518	210.890	
3.648	98.136	352.385	
4.647	99.119	343.367	
5.669	101.047	329.293	
6.652	102.678	312.823	
7.651	104.550	338.596	
8.652	104.983	325.590	
9.650	105.790	313.506	
10.651	106.685	303.250	
11.647	107.638	311.484	
12.659	108.204	310.397	
13.661	108.674	309.888	
14.660	109.141	309.385	
15.554	109.551	308.942	
16.667	110.103	308.386	
17.665	110.387	308.178	
18.659	110.869	307.658	
19.667	111.651	306.936	
20.686	112.548	306.018	
21.659	113.469	305.104	
22.658	114.429	304.140	
23.657	115.375	303.184	

Timestamp	Transmitted	Received
Seconds	Frame bytes	
24.553	116.209	302.361
25.553	117.126	301.459
26.108	117.538	301.055
27.137	117.538	301.055

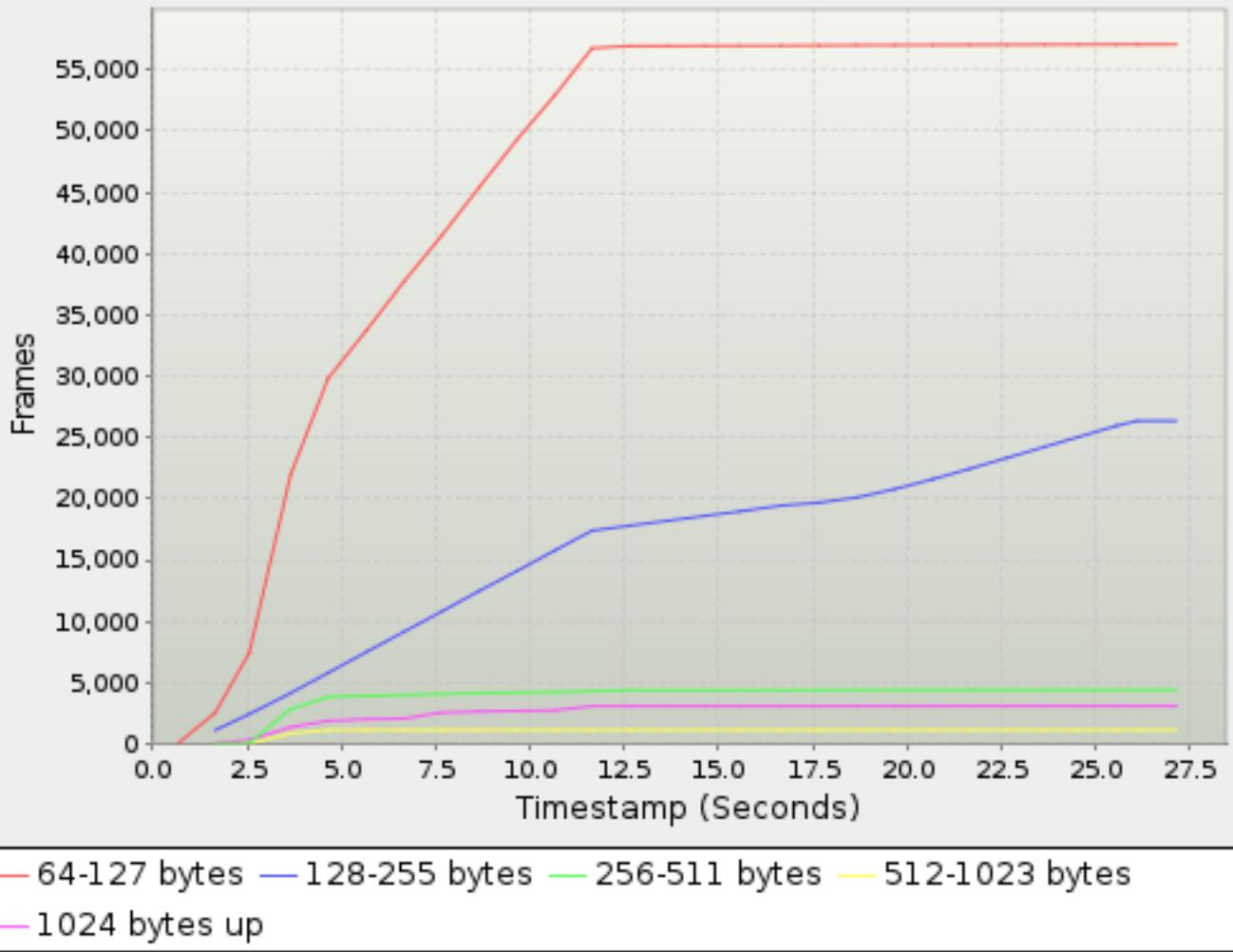
7.25.31.2. Average Frame Size: 2

Timestamp Seconds	Frame bytes	
	Transmitted	Received
0.647	74	90.500
1.649	138.651	105.130
2.554	210.718	112.485
3.648	352.280	98.144
4.647	343.226	99.118
5.669	329.211	101.049
6.652	312.721	102.674
7.651	338.504	104.552
8.652	325.590	104.989
9.650	313.478	105.794
10.651	303.310	106.685
11.647	311.484	107.638
12.659	310.397	108.204
13.661	309.888	108.674
14.660	309.385	109.141
15.554	308.935	109.558
16.667	308.369	110.115
17.665	308.171	110.392
18.659	307.656	110.872
19.667	306.927	111.660
20.686	306.014	112.553
21.659	305.100	113.473
22.658	304.138	114.432
23.657	303.182	115.377

Timestamp	Transmitted	Received
Seconds	Frame bytes	
24.553	302.357	116.213
25.553	301.456	117.130
26.108	301.055	117.538
27.137	301.055	117.538

7.25.32. Transmitted Frame Size

7.25.32 : Transmitted Frame Size

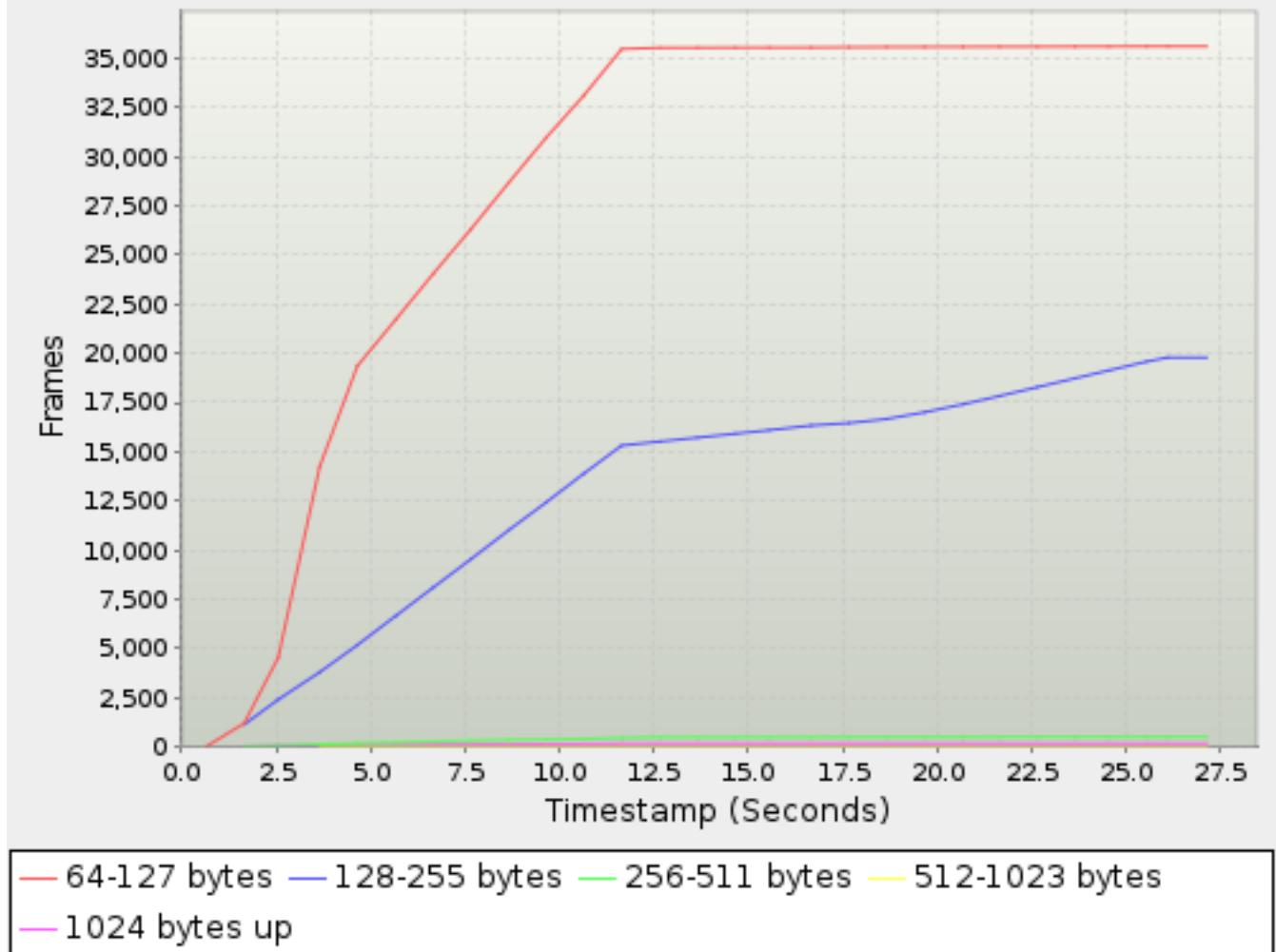


Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
0.647	4	0	0	0	0
1.649	2,534	1,116	14	2	48
2.554	7,449	2,431	80	5	323
3.648	21,952	4,136	2,836	841	1,360
4.647	29,853	5,800	3,832	1,127	1,874
5.669	33,786	7,515	3,917	1,129	2,012
6.652	37,720	9,140	3,975	1,130	2,067
7.651	41,469	10,791	4,065	1,131	2,545
8.652	45,426	12,479	4,136	1,131	2,633
9.650	49,304	14,104	4,173	1,132	2,687
10.651	52,920	15,775	4,223	1,133	2,734
11.647	56,787	17,406	4,305	1,134	3,070
12.659	56,962	17,813	4,373	1,134	3,070
13.661	56,970	18,213	4,373	1,134	3,070
14.660	56,978	18,613	4,373	1,134	3,070
15.554	56,986	18,970	4,373	1,134	3,070
16.667	56,994	19,450	4,374	1,134	3,071
17.665	57,010	19,687	4,381	1,134	3,074
18.659	57,030	20,101	4,386	1,134	3,075
19.667	57,038	20,791	4,389	1,134	3,078
20.686	57,045	21,603	4,389	1,134	3,078
21.659	57,055	22,447	4,390	1,134	3,079
22.658	57,060	23,346	4,390	1,134	3,079
23.657	57,072	24,246	4,390	1,134	3,079

Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
Seconds	Frames				
24.553	57,078	25,053	4,390	1,134	3,079
25.553	57,088	25,953	4,390	1,134	3,079
26.108	57,091	26,361	4,390	1,134	3,079
27.137	57,091	26,361	4,390	1,134	3,079

7.25.32.1. Transmitted Frame Size: 1

7.25.32.1 : Transmitted Frame Size: 1



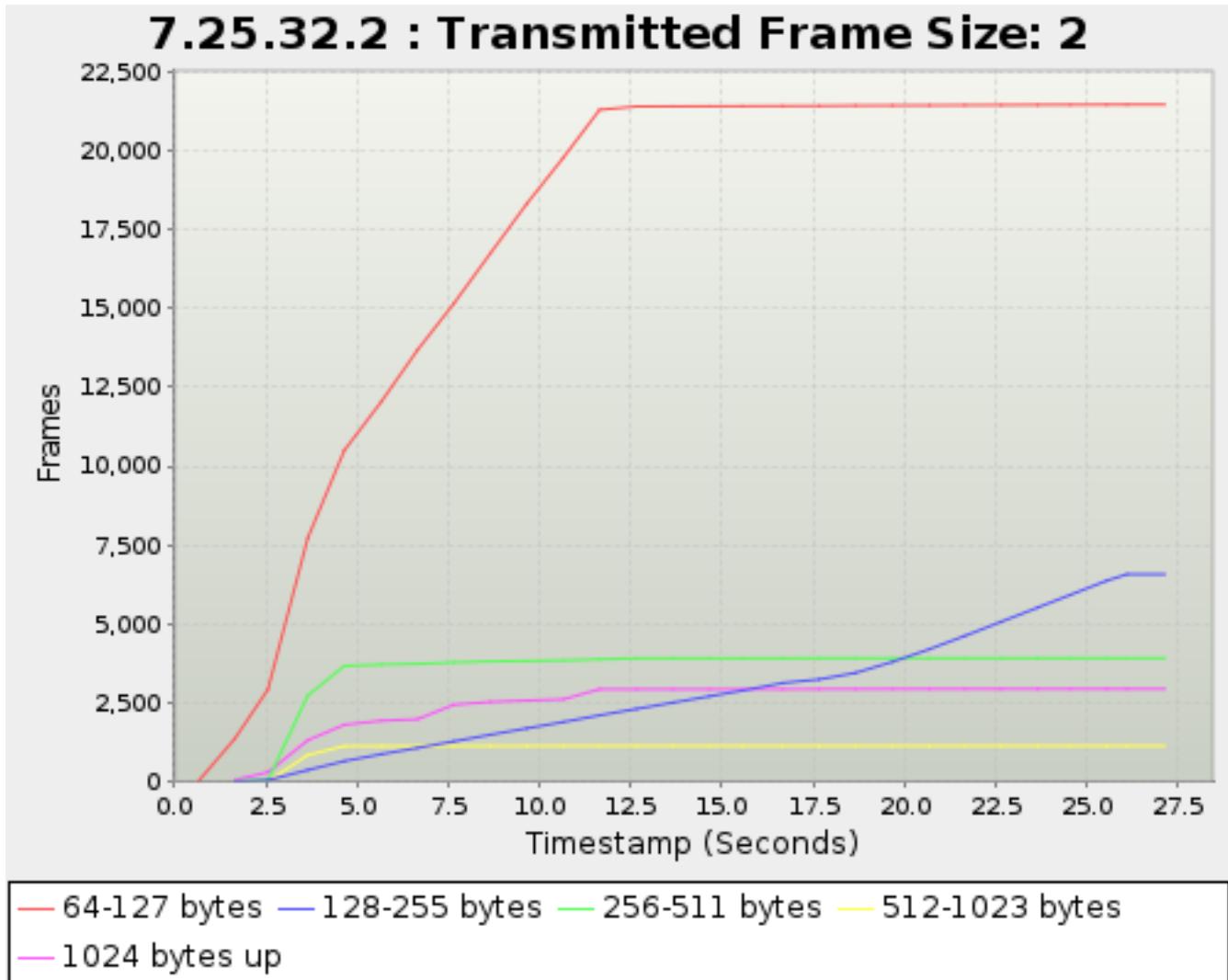
Timestamp Seconds	64-127 bytes Frames	128-255 bytes Frames	256-511 bytes Frames	512-1023 bytes Frames	1024 bytes up Frames
0.647	2	0	0	0	0
1.649	1,176	1,115	9	0	2
2.554	4,534	2,392	39	0	35
3.648	14,229	3,777	113	6	55
4.647	19,356	5,160	170	8	80
5.669	21,732	6,653	213	8	87
6.652	24,042	8,081	249	8	97
7.651	26,311	9,524	294	8	114
8.652	28,676	11,000	329	8	114
9.650	30,982	12,424	356	8	123
10.651	33,136	13,894	387	8	132
11.647	35,483	15,311	435	8	148
12.659	35,552	15,515	469	8	148
13.661	35,556	15,715	469	8	148
14.660	35,560	15,915	469	8	148
15.554	35,564	16,092	469	8	148
16.667	35,567	16,331	470	8	148
17.665	35,580	16,453	473	8	148
18.659	35,590	16,661	478	8	148
19.667	35,594	17,004	481	8	148
20.686	35,598	17,411	481	8	148
21.659	35,603	17,833	482	8	148
22.658	35,605	18,283	482	8	148
23.657	35,611	18,733	482	8	148

Test Results for simple_appsim

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Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
Seconds	Frames				
24.553	35,614	19,136	482	8	148
25.553	35,620	19,586	482	8	148
26.108	35,621	19,791	482	8	148
27.137	35,621	19,791	482	8	148

7.25.32.2. Transmitted Frame Size: 2

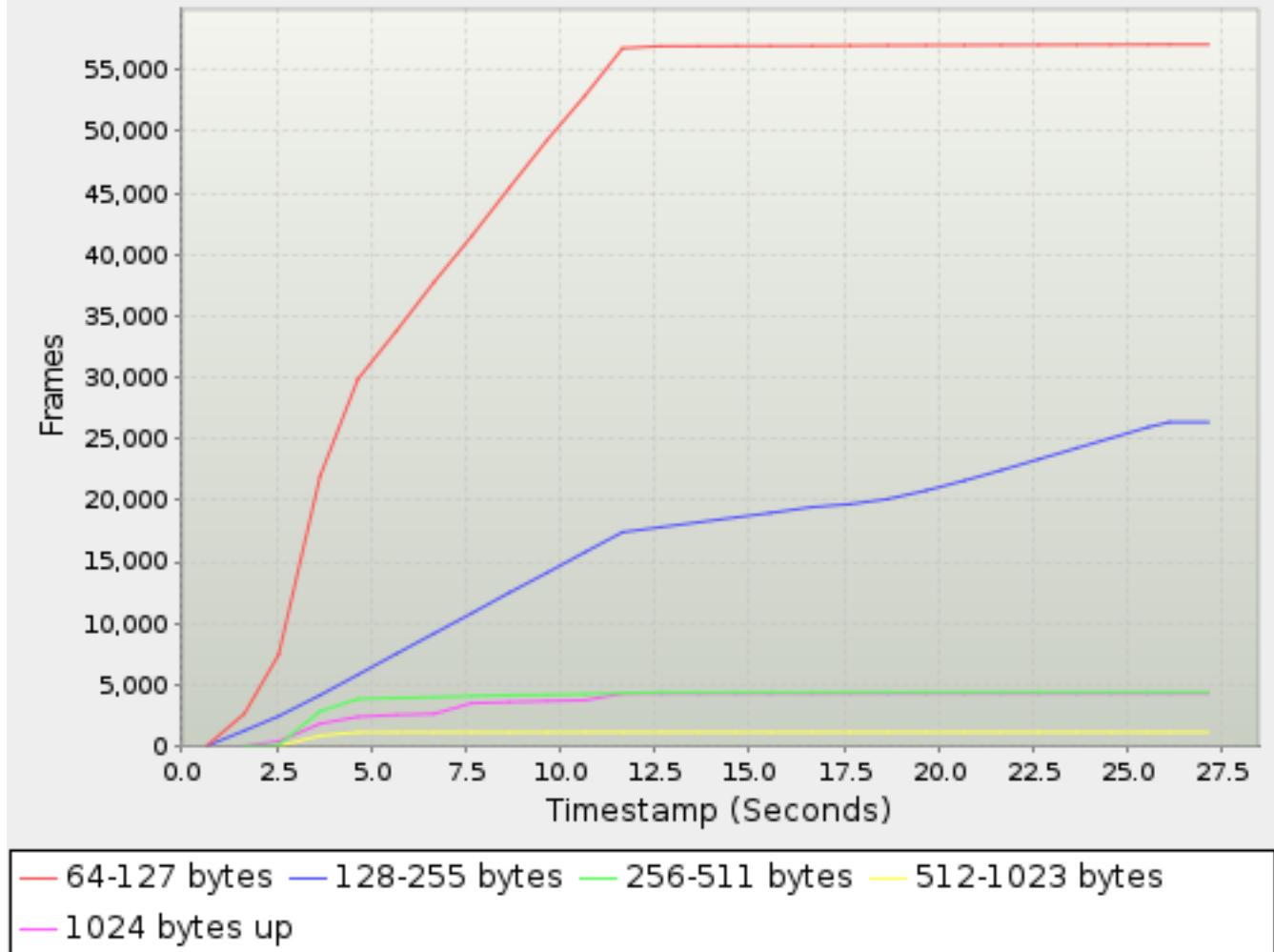


Timestamp Seconds	64-127 bytes Frames	128-255 bytes Frames	256-511 bytes Frames	512-1023 bytes Frames	1024 bytes up Frames
0.647	2	0	0	0	0
1.649	1,358	1	5	2	46
2.554	2,915	39	41	5	288
3.648	7,723	359	2,723	835	1,305
4.647	10,497	640	3,662	1,119	1,794
5.669	12,054	862	3,704	1,121	1,925
6.652	13,678	1,059	3,726	1,122	1,970
7.651	15,158	1,267	3,771	1,123	2,431
8.652	16,750	1,479	3,807	1,123	2,519
9.650	18,322	1,680	3,817	1,124	2,564
10.651	19,784	1,881	3,836	1,125	2,602
11.647	21,304	2,095	3,870	1,126	2,922
12.659	21,410	2,298	3,904	1,126	2,922
13.661	21,414	2,498	3,904	1,126	2,922
14.660	21,418	2,698	3,904	1,126	2,922
15.554	21,422	2,878	3,904	1,126	2,922
16.667	21,427	3,119	3,904	1,126	2,923
17.665	21,430	3,234	3,908	1,126	2,926
18.659	21,440	3,440	3,908	1,126	2,927
19.667	21,444	3,787	3,908	1,126	2,930
20.686	21,447	4,192	3,908	1,126	2,930
21.659	21,452	4,614	3,908	1,126	2,931
22.658	21,455	5,063	3,908	1,126	2,931
23.657	21,461	5,513	3,908	1,126	2,931

Timestamp Seconds	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
<i>Frames</i>					
24.553	21,464	5,917	3,908	1,126	2,931
25.553	21,468	6,367	3,908	1,126	2,931
26.108	21,470	6,570	3,908	1,126	2,931
27.137	21,470	6,570	3,908	1,126	2,931

7.25.33. Received Frame Size

7.25.33 : Received Frame Size

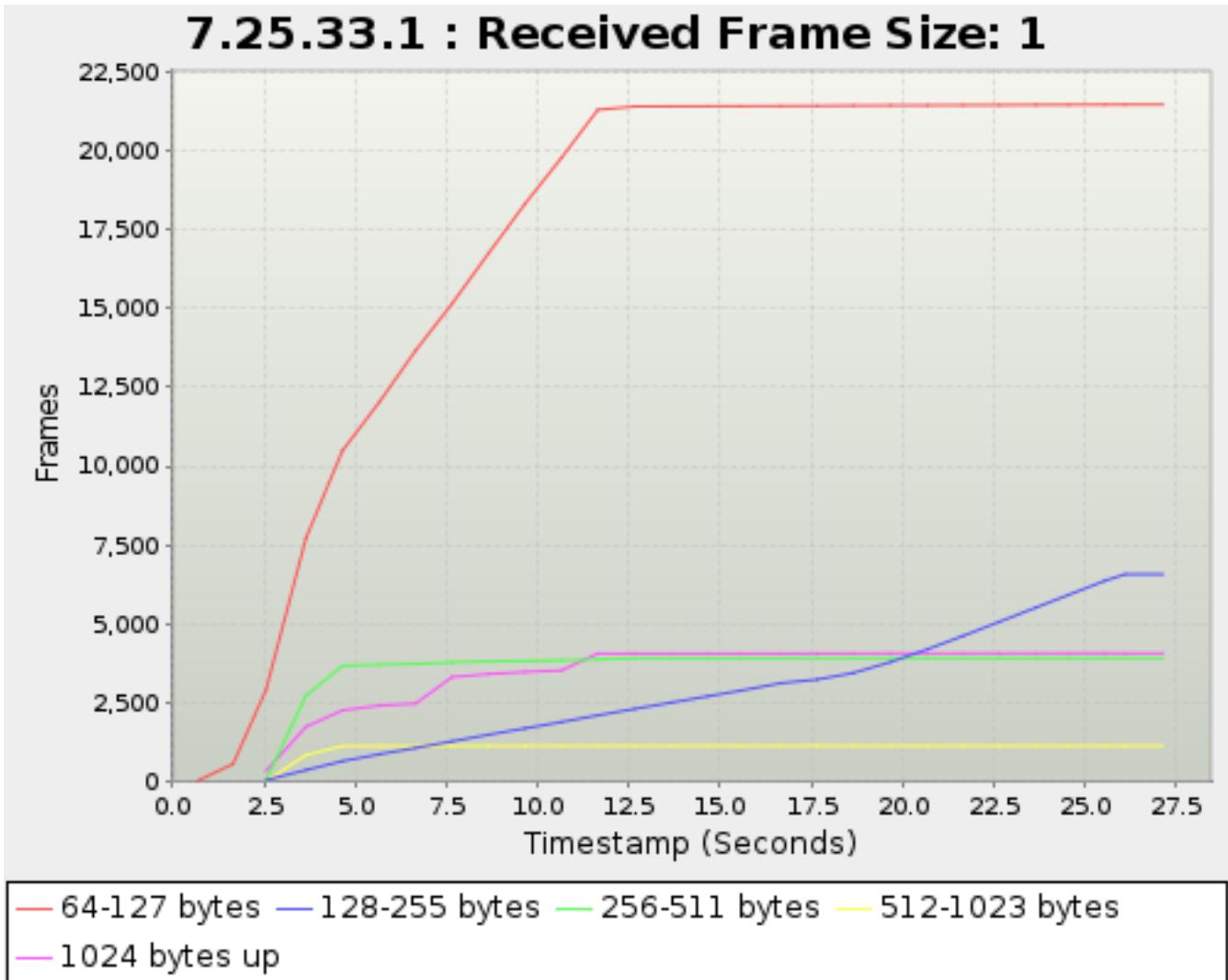


Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Timestamp Seconds	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
0.647	6	1	0	0	0
1.649	2,643	1,257	21	0	9
2.554	7,452	2,433	80	5	387
3.648	21,956	4,142	2,836	841	1,819
4.647	29,856	5,804	3,832	1,127	2,378
5.669	33,788	7,519	3,917	1,129	2,539
6.652	37,717	9,146	3,975	1,130	2,617
7.651	41,470	10,795	4,064	1,131	3,486
8.652	45,427	12,484	4,136	1,131	3,583
9.650	49,306	14,108	4,173	1,132	3,662
10.651	52,923	15,777	4,224	1,133	3,727
11.647	56,787	17,406	4,305	1,134	4,287
12.659	56,962	17,813	4,373	1,134	4,287
13.661	56,970	18,213	4,373	1,134	4,287
14.660	56,978	18,613	4,373	1,134	4,287
15.554	56,986	18,970	4,373	1,134	4,287
16.667	56,994	19,450	4,374	1,134	4,288
17.665	57,010	19,686	4,381	1,134	4,291
18.659	57,030	20,100	4,386	1,134	4,292
19.667	57,038	20,791	4,389	1,134	4,295
20.686	57,045	21,603	4,389	1,134	4,295

Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
Seconds	Frames				
21.659	57,055	22,447	4,390	1,134	4,296
22.658	57,060	23,346	4,390	1,134	4,296
23.657	57,072	24,246	4,390	1,134	4,296
24.553	57,078	25,053	4,390	1,134	4,296
25.553	57,088	25,953	4,390	1,134	4,296
26.108	57,091	26,361	4,390	1,134	4,296
27.137	57,091	26,361	4,390	1,134	4,296

7.25.33.1. Received Frame Size: 1

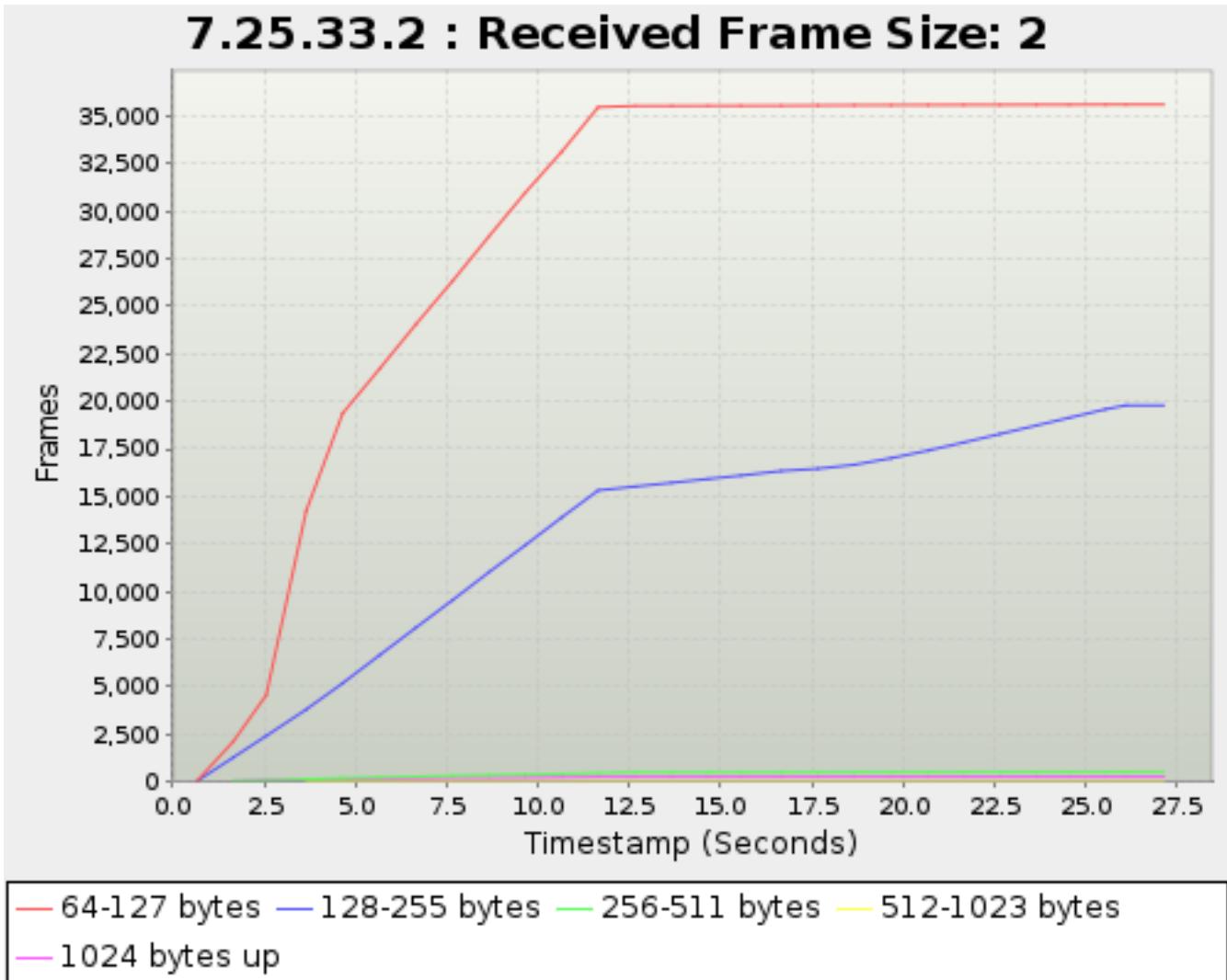


Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Timestamp Seconds	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
0.647	1	0	0	0	0
1.649	551	0	0	0	0
2.554	2,909	39	41	5	332
3.648	7,717	359	2,723	835	1,732
4.647	10,488	639	3,662	1,119	2,253
5.669	12,048	861	3,704	1,121	2,405
6.652	13,665	1,059	3,726	1,122	2,467
7.651	15,150	1,267	3,770	1,123	3,308
8.652	16,750	1,479	3,807	1,123	3,405
9.650	18,319	1,679	3,817	1,124	3,469
10.651	19,778	1,881	3,836	1,125	3,519
11.647	21,304	2,094	3,870	1,126	4,052
12.659	21,410	2,298	3,904	1,126	4,052
13.661	21,414	2,498	3,904	1,126	4,052
14.660	21,418	2,698	3,904	1,126	4,052
15.554	21,422	2,875	3,904	1,126	4,052
16.667	21,426	3,114	3,904	1,126	4,053
17.665	21,430	3,231	3,908	1,126	4,056
18.659	21,440	3,439	3,908	1,126	4,057
19.667	21,444	3,783	3,908	1,126	4,060
20.686	21,447	4,190	3,908	1,126	4,060

Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
Seconds	Frames				
21.659	21,452	4,612	3,908	1,126	4,061
22.658	21,455	5,062	3,908	1,126	4,061
23.657	21,461	5,512	3,908	1,126	4,061
24.553	21,464	5,915	3,908	1,126	4,061
25.553	21,468	6,365	3,908	1,126	4,061
26.108	21,470	6,570	3,908	1,126	4,061
27.137	21,470	6,570	3,908	1,126	4,061

7.25.33.2. Received Frame Size: 2



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

Timestamp Seconds	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
0.647	5	1	0	0	0
1.649	2,092	1,257	21	0	9
2.554	4,543	2,394	39	0	55
3.648	14,239	3,783	113	6	87
4.647	19,368	5,165	170	8	125
5.669	21,740	6,658	213	8	134
6.652	24,052	8,087	249	8	150
7.651	26,320	9,528	294	8	178
8.652	28,677	11,005	329	8	178
9.650	30,987	12,429	356	8	193
10.651	33,145	13,896	388	8	208
11.647	35,483	15,312	435	8	235
12.659	35,552	15,515	469	8	235
13.661	35,556	15,715	469	8	235
14.660	35,560	15,915	469	8	235
15.554	35,564	16,095	469	8	235
16.667	35,568	16,336	470	8	235
17.665	35,580	16,455	473	8	235
18.659	35,590	16,661	478	8	235
19.667	35,594	17,008	481	8	235
20.686	35,598	17,413	481	8	235

Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
Seconds	Frames				
21.659	35,603	17,835	482	8	235
22.658	35,605	18,284	482	8	235
23.657	35,611	18,734	482	8	235
24.553	35,614	19,138	482	8	235
25.553	35,620	19,588	482	8	235
26.108	35,621	19,791	482	8	235
27.137	35,621	19,791	482	8	235

8. Aggregate Stats

8.1. Component Description

Component: aggregate_statistics
This component measures aggregate system and network statistics.

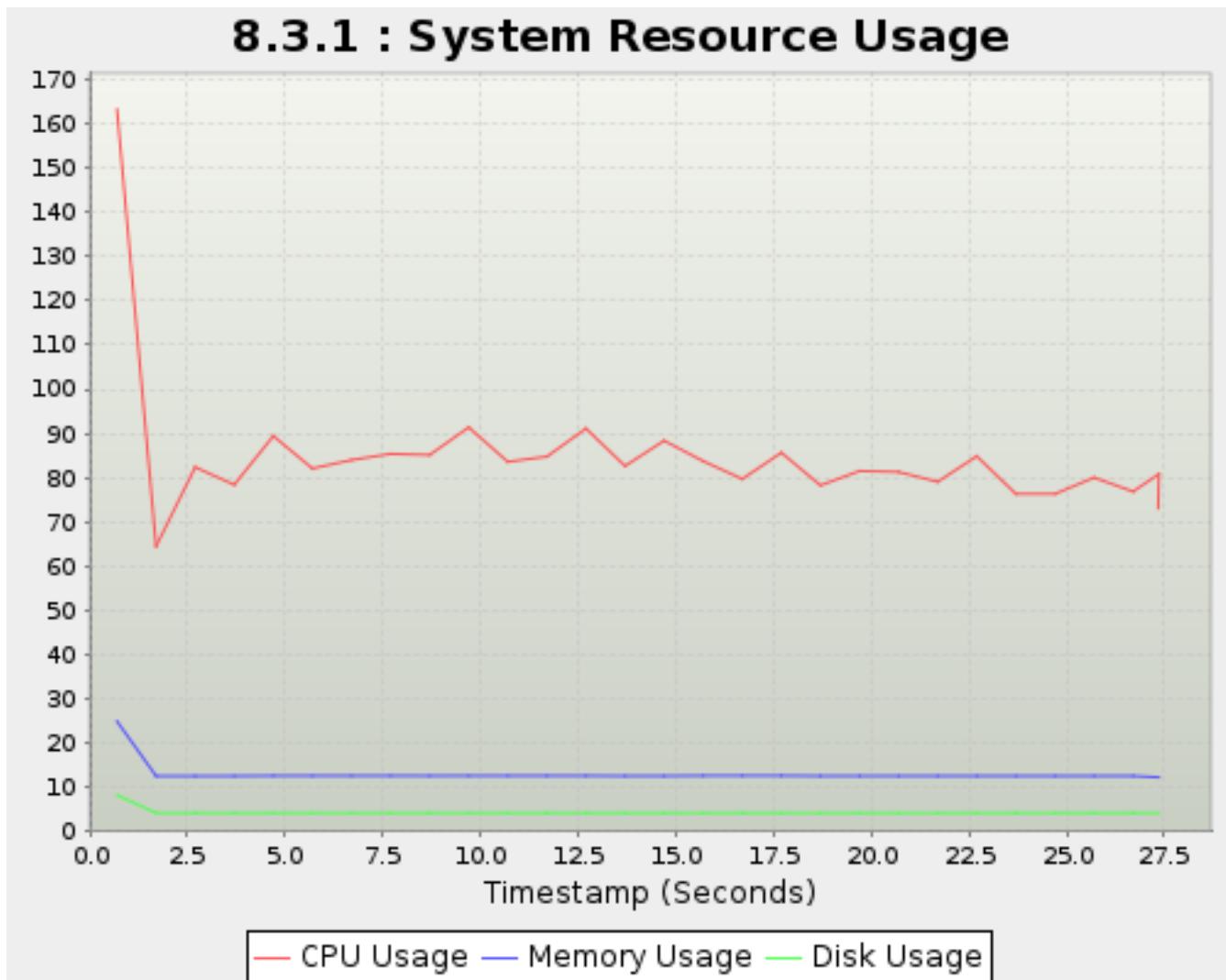
Component	Resource Used
Slot 0 NP np0-0 statistics	np0-0
System Controller 0 statistics	sc0

8.2. Ethernet Summary

Measurement	Value
Transmitted Bytes	35,555,818
Received Bytes	35,555,818 100.000%
Transmit Frame Rate	~41170
Receive Frame Rate	~41170 99.995%
Transmit Megabit/s	85.49
Receive Megabit/s	85.48 99.993%
Transmitted Frames	186,544
Received Frames	186,544 100.000%
Transmit Pause Frames	0
Receive Pause Frames	0
Transmit errors Frames	0
FCS errors Frames	0
Alignment errors Frames	0
Undersize Frames	0
Oversize Frames	0
Drop Events Frames	0

8.3. Detail

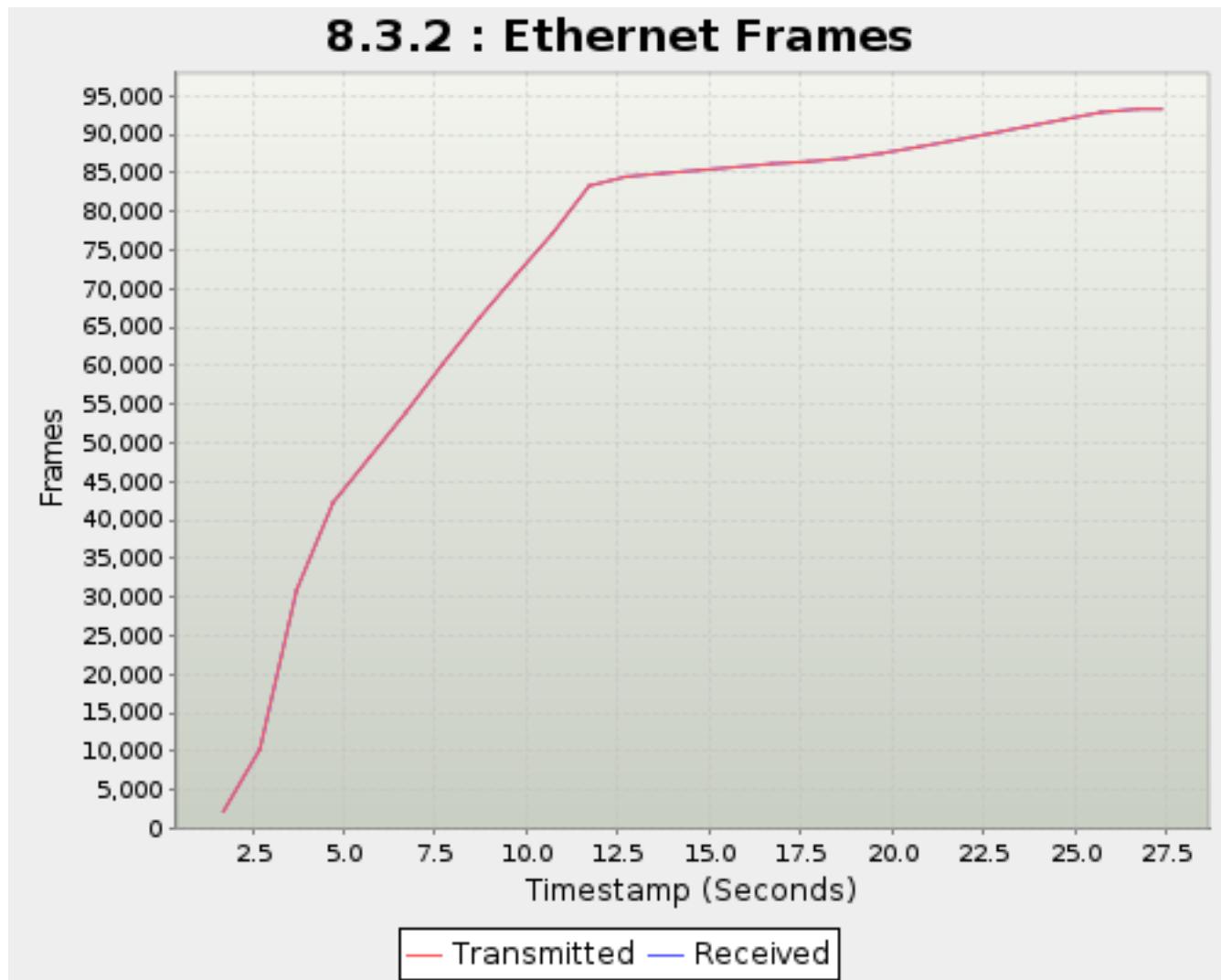
8.3.1. System Resource Usage



Timestamp Seconds	CPU Usage	Memory Usage Percent	Disk Usage
0.700	163.39	24.80	8.08
1.700	64.42	12.40	4.04
2.700	82.34	12.40	4.04
3.700	78.38	12.41	4.04
4.700	89.42	12.46	4.04
5.700	82.06	12.46	4.04
6.700	83.97	12.46	4.04
7.700	85.36	12.46	4.04
8.700	85.12	12.45	4.04
9.699	91.37	12.46	4.04
10.700	83.57	12.46	4.04
11.700	84.75	12.46	4.04
12.700	91.10	12.46	4.04
13.700	82.61	12.42	4.04
14.699	88.35	12.42	4.04
15.700	83.72	12.48	4.04
16.700	79.68	12.48	4.04
17.700	85.63	12.48	4.04
18.700	78.23	12.42	4.04
19.700	81.48	12.42	4.04
20.700	81.26	12.42	4.04
21.700	79.05	12.42	4.04
22.700	84.83	12.42	4.04
23.700	76.31	12.42	4.04

Timestamp	CPU Usage	Memory Usage	Disk Usage
Seconds		Percent	
24.700	76.29	12.42	4.04
25.700	79.99	12.42	4.04
26.700	76.84	12.42	4.04
27.360	80.79	12.11	4.04
27.342	73.02	0	0

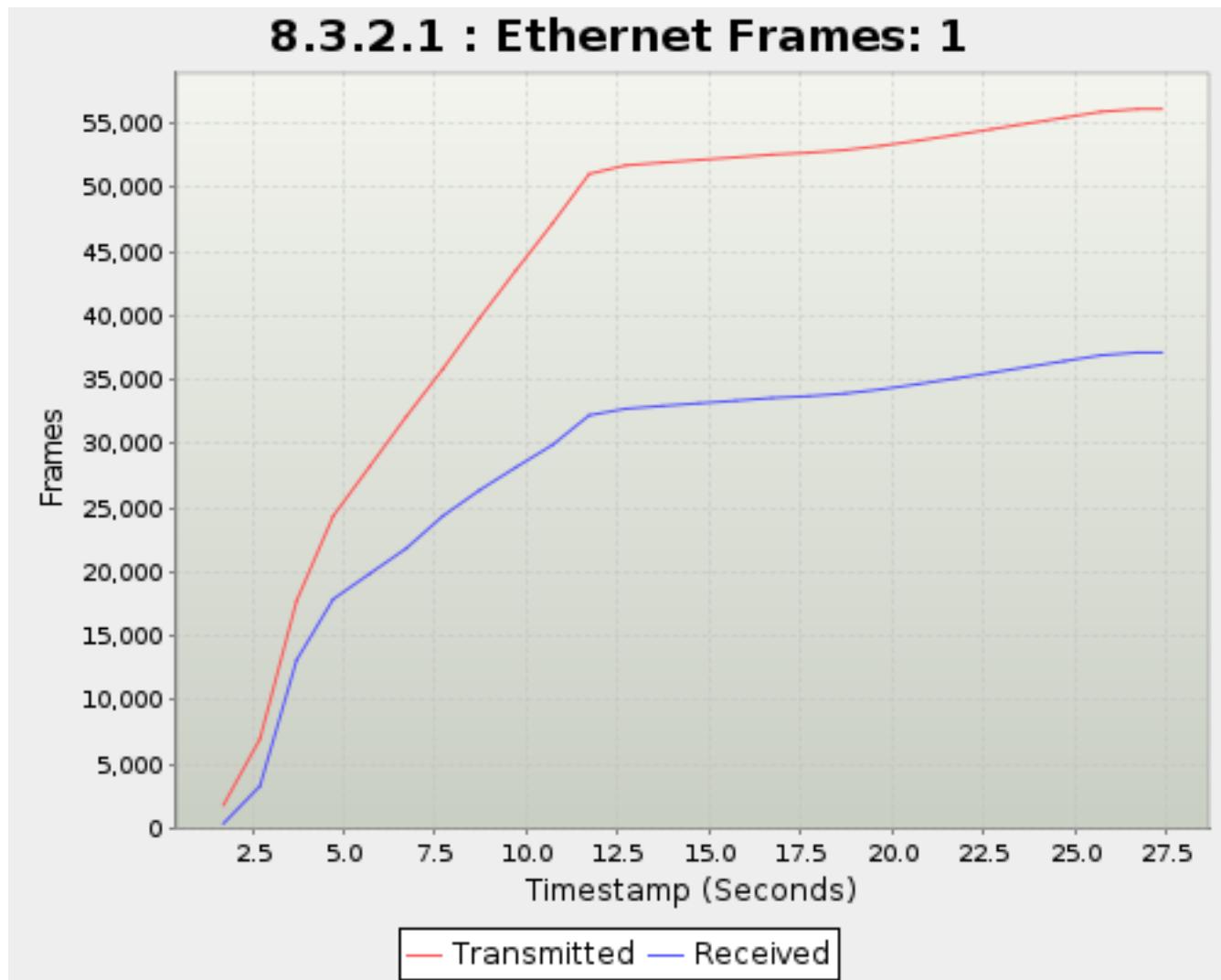
8.3.2. Ethernet Frames



Timestamp Seconds	Transmitted		Received
	Frames	Percentage	Frames
0.709	0	0.00%	0
1.709	2,205	100.00%	2,205
2.709	10,304	100.00%	10,304
3.709	30,891	99.997%	30,890
4.709	42,259	100.00%	42,259
5.709	48,132	100.00%	48,132
6.709	54,002	100.00%	54,002
7.709	60,240	100.00%	60,240
8.709	66,203	100.00%	66,203
9.706	71,731	100.00%	71,731
10.709	77,156	100.00%	77,156
11.709	83,315	100.00%	83,315
12.709	84,493	100.00%	84,493
13.709	84,929	100.00%	84,929
14.706	85,337	100.00%	85,337
15.710	85,746	100.00%	85,746
16.708	86,173	100.00%	86,173
17.709	86,461	100.00%	86,461
18.709	86,883	100.00%	86,883
19.709	87,545	100.00%	87,545
20.708	88,349	100.00%	88,349
21.708	89,219	100.00%	89,219
22.709	90,125	100.00%	90,125
23.709	91,037	100.00%	91,037

Timestamp	Transmitted	Received
Seconds	Frames	
24.708	91,943	91,943 100.000%
25.708	92,853	92,853 100.000%
26.708	93,272	93,272 100.000%
27.366	93,272	93,272 100.000%

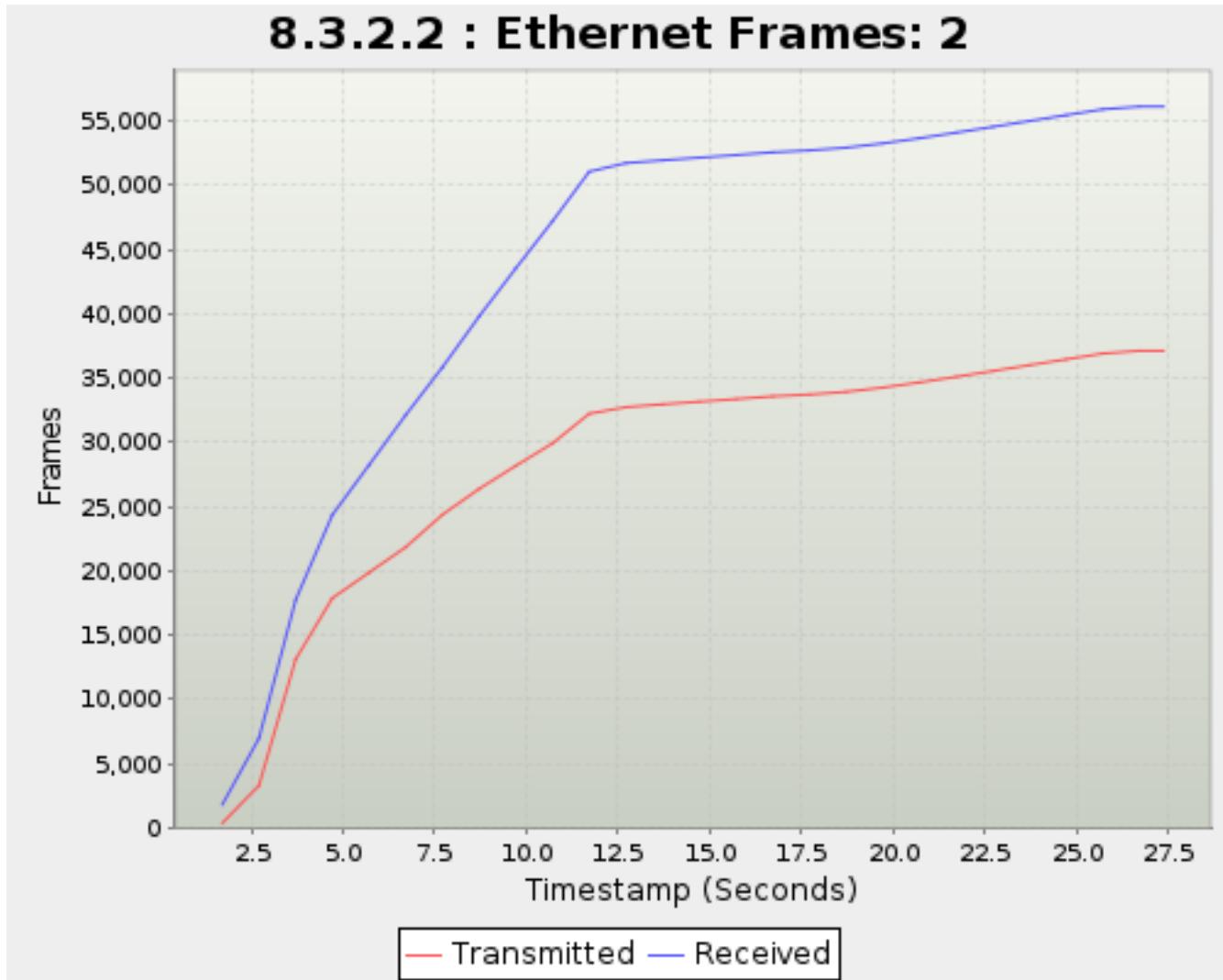
8.3.2.1. Ethernet Frames: 1



Timestamp Seconds	Transmitted		Received
	Frames	Percentage	Frames
0.709	0	0.00%	0
1.709	1,824	20.888%	381
2.709	6,990	47.411%	3,314
3.709	17,757	73.960%	13,133
4.709	24,371	73.399%	17,888
5.709	28,251	70.373%	19,881
6.709	32,143	68.005%	21,859
7.709	35,857	68.001%	24,383
8.709	39,812	66.289%	26,391
9.706	43,547	64.721%	28,184
10.709	47,222	63.390%	29,934
11.709	51,074	63.126%	32,241
12.709	51,743	63.294%	32,750
13.709	51,959	63.454%	32,970
14.706	52,163	63.597%	33,174
15.710	52,367	63.739%	33,378
16.708	52,581	63.886%	33,592
17.709	52,729	63.972%	33,732
18.709	52,942	64.110%	33,941
19.709	53,273	64.333%	34,272
20.708	53,675	64.600%	34,674
21.708	54,110	64.884%	35,109
22.709	54,563	65.176%	35,562
23.709	55,019	65.465%	36,018

Timestamp	Transmitted	Received
Seconds	Frames	
24.708	55,472	36,471 65.747%
25.708	55,928	36,925 66.022%
26.708	56,137	37,135 66.151%
27.366	56,137	37,135 66.151%

8.3.2.2. Ethernet Frames: 2

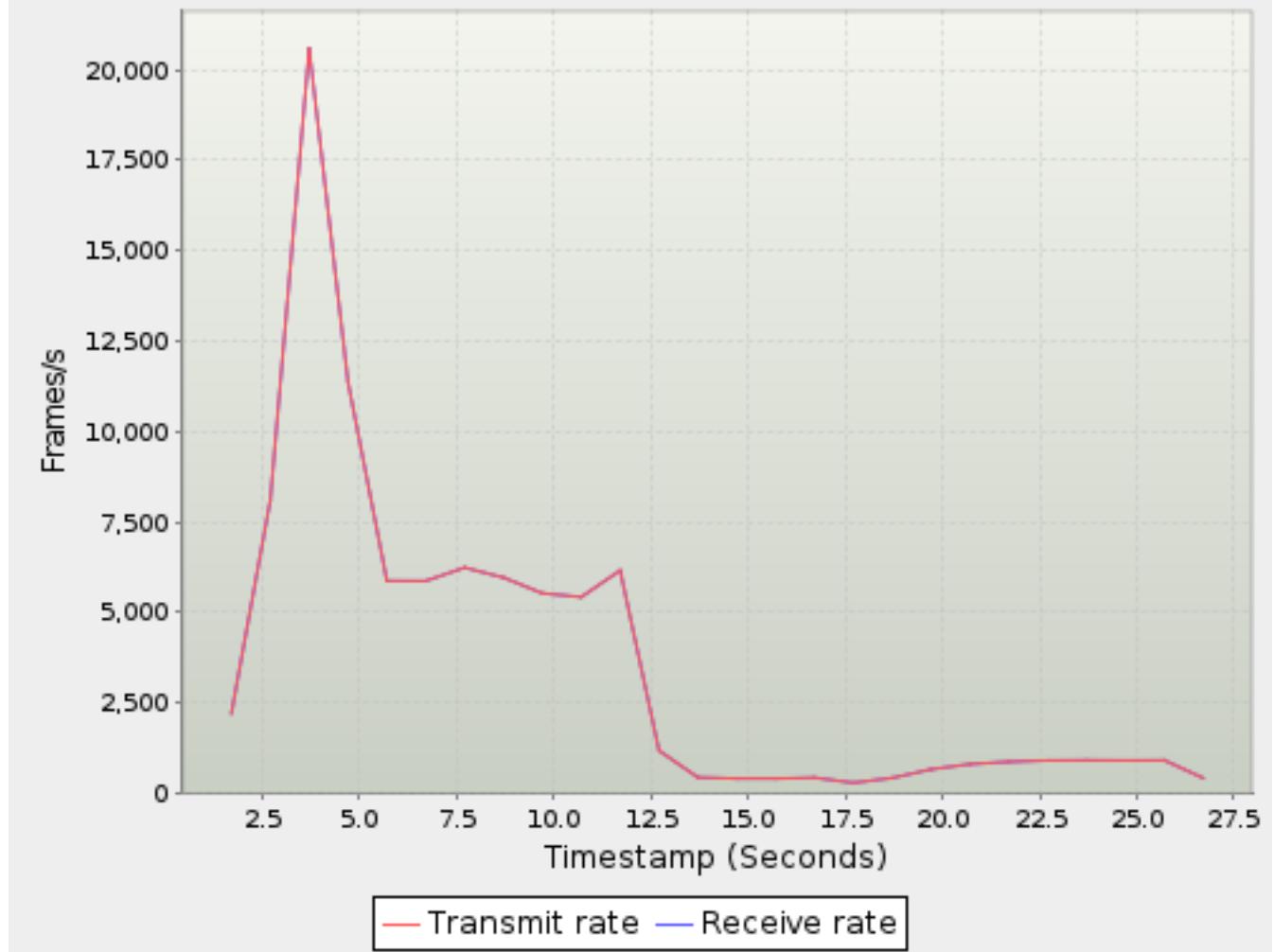


Timestamp Seconds	Transmitted		Received
		Frames	
0.709	0		0
1.709	381		1,824 478.740%
2.709	3,314		6,990 210.923%
3.709	13,134		17,757 135.199%
4.709	17,888		24,371 136.242%
5.709	19,881		28,251 142.100%
6.709	21,859		32,143 147.047%
7.709	24,383		35,857 147.057%
8.709	26,391		39,812 150.854%
9.706	28,184		43,547 154.510%
10.709	29,934		47,222 157.754%
11.709	32,241		51,074 158.413%
12.709	32,750		51,743 157.994%
13.709	32,970		51,959 157.595%
14.706	33,174		52,163 157.241%
15.710	33,379		52,368 156.889%
16.708	33,592		52,581 156.528%
17.709	33,732		52,729 156.317%
18.709	33,941		52,942 155.982%
19.709	34,272		53,273 155.442%
20.708	34,674		53,675 154.799%
21.708	35,109		54,110 154.120%
22.709	35,562		54,563 153.431%
23.709	36,018		55,019 152.754%

Timestamp	Transmitted	Received
Seconds	Frames	
24.708	36,471	55,472 152.099%
25.708	36,925	55,928 151.464%
26.708	37,135	56,137 151.170%
27.366	37,135	56,137 151.170%

8.3.3. Ethernet Frame Rates

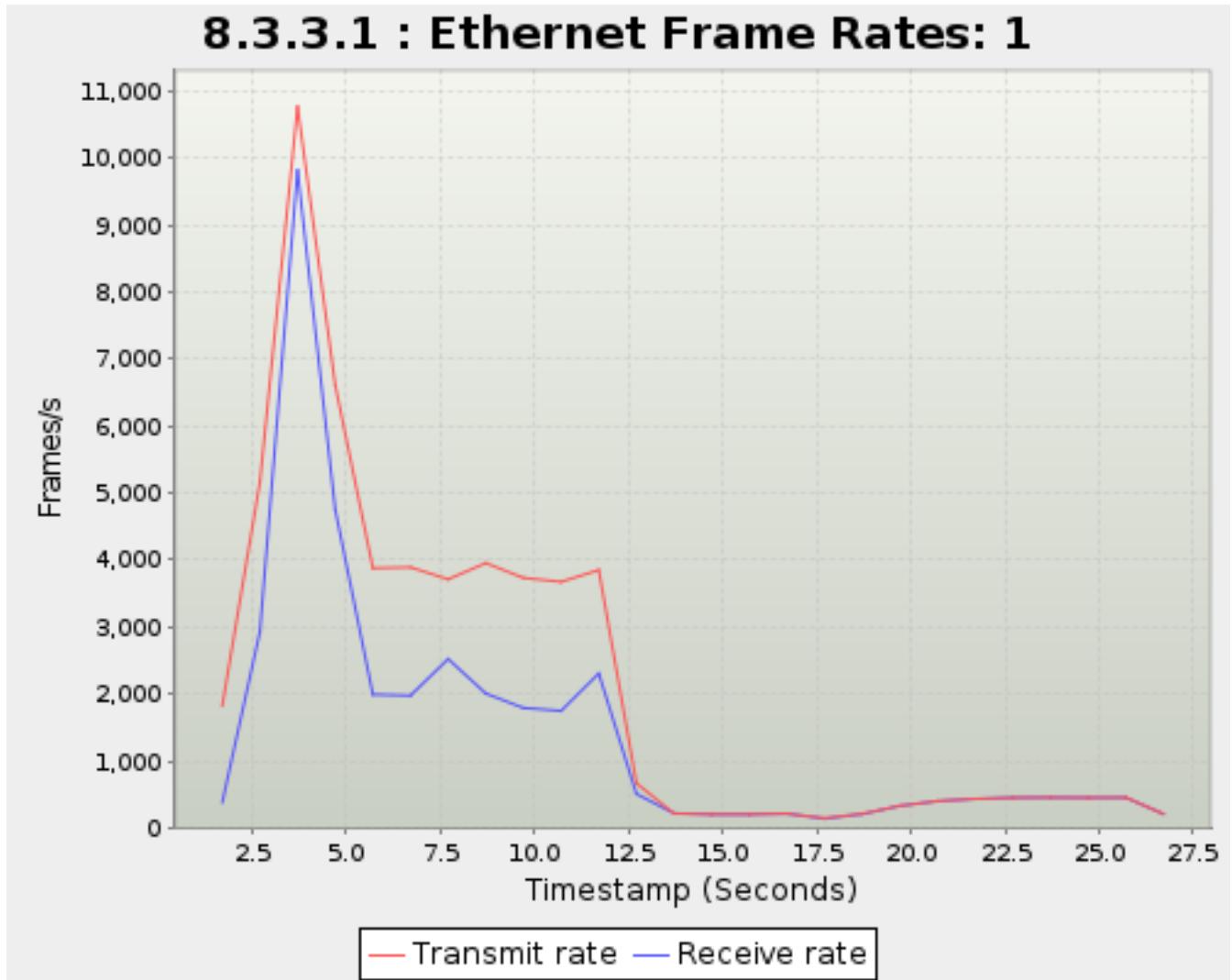
8.3.3 : Ethernet Frame Rates



Timestamp	Transmit rate	Receive rate
Seconds		Frames/s
0.709	0.00	0.00
1.709	2,205	2,205
2.709	8,099	8,099
3.709	~20590	~20590
4.709	~11370	~11370
5.709	5,873	5,873
6.709	5,870	5,870
7.709	~6238	~6238
8.709	5,963	5,963
9.706	5,528	5,528
10.709	5,425	5,425
11.709	6,159	6,159
12.709	1,178	1,178
13.709	436	436
14.706	408	408
15.710	~407	~407
16.708	429.2	429.2
17.709	288	288
18.709	422	422
19.709	662	662
20.708	804	804
21.708	870	870
22.709	906	906
23.709	912	912

Timestamp	Transmit rate	Receive rate
Seconds	Frames/s	
24.708	906	906
25.708	910	910
26.708	419	419
27.366	0.00	0.00

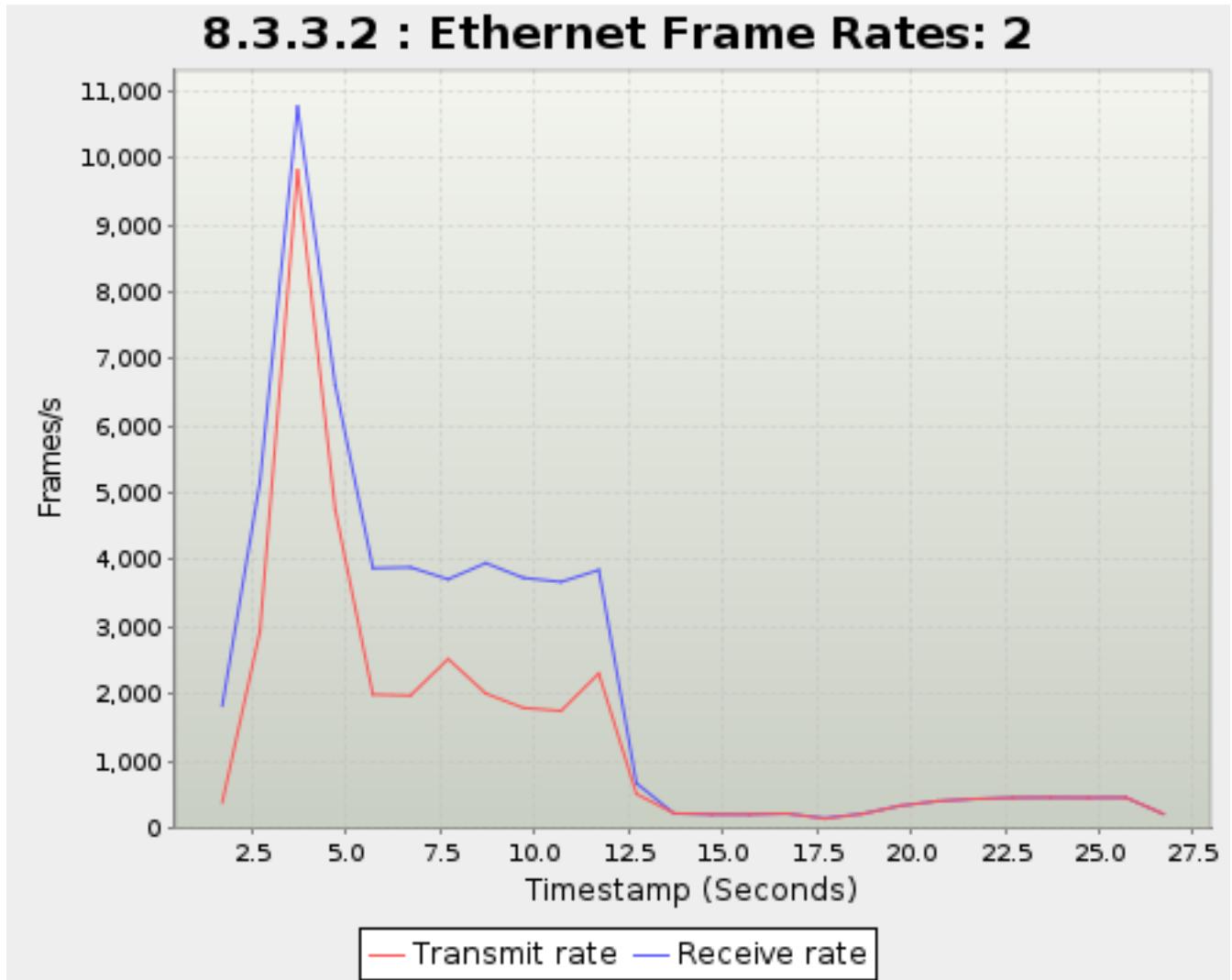
8.3.3.1. Ethernet Frame Rates: 1



Timestamp Seconds	Transmit rate		Receive rate Frames/s
	Frames/s	Frames/s	
0.709	0.00		0.00
1.709	1,824		381
2.709	5,166		2,933
3.709	~10770		9,819
4.709	6,614		4,755
5.709	3,880		1,993
6.709	3,892		1,978
7.709	~3714		~2524
8.709	3,955		2,008
9.706	3,735		1,793
10.709	3,675		1,750
11.709	3,852		2,307
12.709	669		509
13.709	216		220
14.706	204		204
15.710	204		204
16.708	214		214
17.709	148		140
18.709	213		209
19.709	331		331
20.708	402		402
21.708	435		435
22.709	453		453
23.709	456		456

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		Frames/s	Frames/s
24.708	453		453
25.708	456		454
26.708	209		210
27.366	0.00		0.00

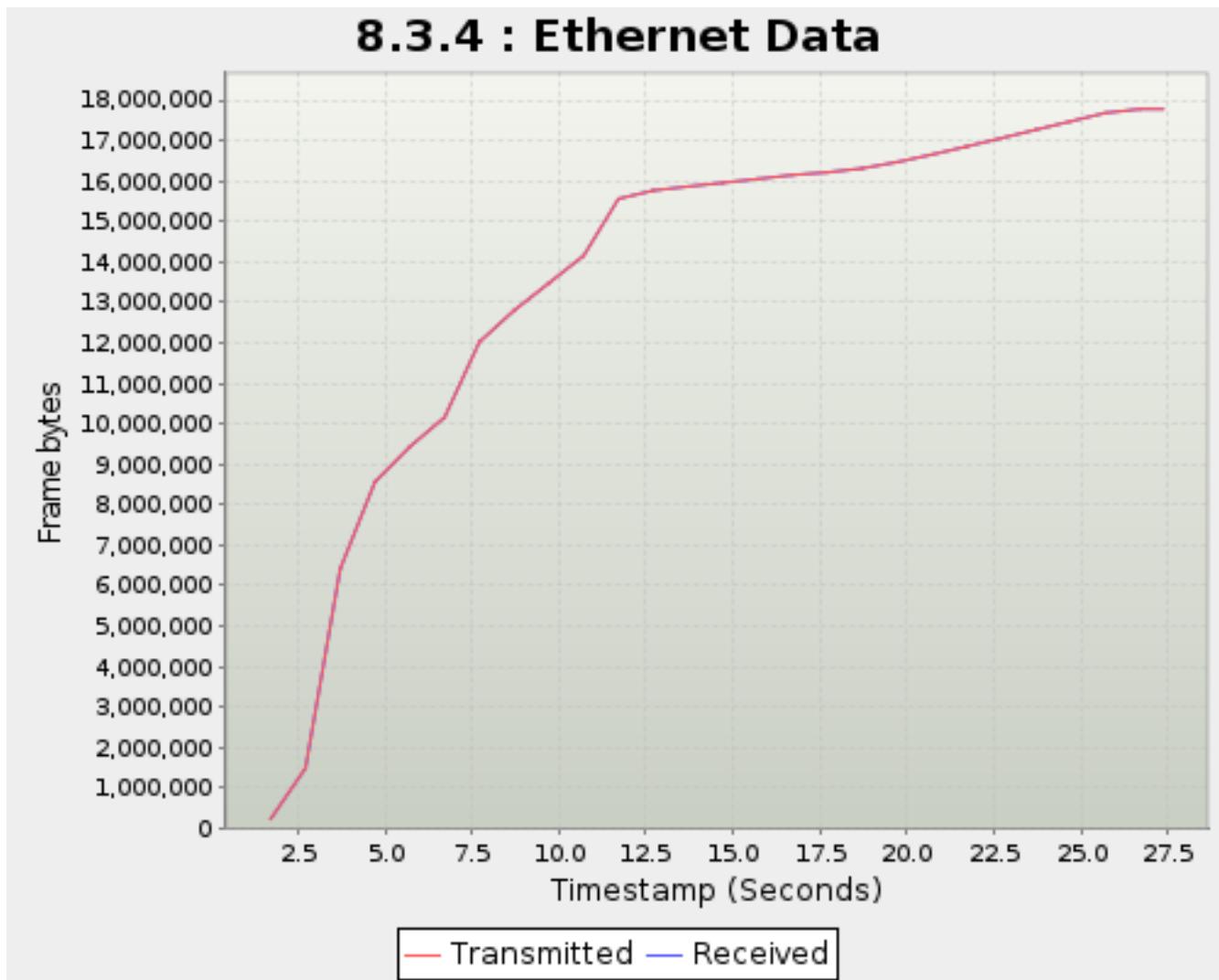
8.3.3.2. Ethernet Frame Rates: 2



Timestamp Seconds	Transmit rate Frames/s	Receive rate Frames/s
0.709	0.00	0.00
1.709	381	1,824
2.709	2,933	5,166
3.709	9,820	~10770
4.709	4,754	6,614
5.709	1,993	3,880
6.709	1,978	3,892
7.709	~2524	~3714
8.709	2,008	3,955
9.706	1,793	3,735
10.709	1,750	3,675
11.709	2,307	3,852
12.709	509	669
13.709	220	216
14.706	204	204
15.710	~203	~203
16.708	215.2	215.2
17.709	140	148
18.709	209	213
19.709	331	331
20.708	402	402
21.708	435	435
22.709	453	453
23.709	456	456

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		Frames/s	Frames/s
24.708	453		453
25.708	454		456
26.708	210		209
27.366	0.00		0.00

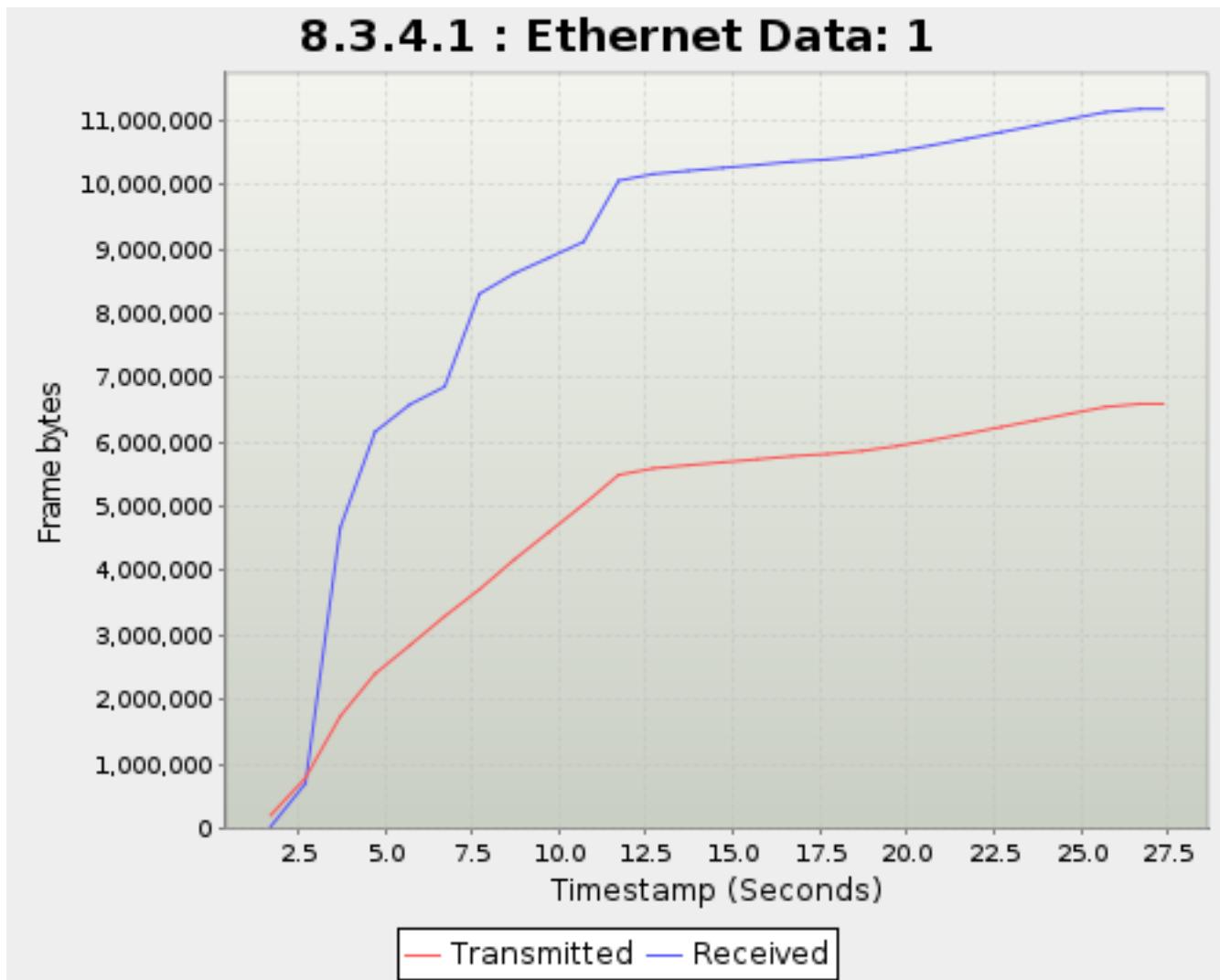
8.3.4. Ethernet Data



Timestamp	Transmitted		Received
	Seconds	Frame bytes	
0.709		0	0
1.709		234,646	234,646 100.000%
2.709		1,487,387	1,487,387 100.000%
3.709		6,418,602	6,418,246 99.994%
4.709		8,567,176	8,567,176 100.000%
5.709		9,433,141	9,433,141 100.000%
6.709		10,160,253	10,160,253 100.000%
7.709		12,022,096	12,022,096 100.000%
8.709		12,801,544	12,801,544 100.000%
9.706		13,474,418	13,474,418 100.000%
10.709		14,155,305	14,155,305 100.000%
11.709		15,559,696	15,559,696 100.000%
12.709		15,764,950	15,764,950 100.000%
13.709		15,862,614	15,862,614 100.000%
14.706		15,955,646	15,955,646 100.000%
15.710		16,048,908	16,048,908 100.000%
16.708		16,147,552	16,147,552 100.000%
17.709		16,213,482	16,213,482 100.000%
18.709		16,310,669	16,310,669 100.000%
19.709		16,465,236	16,465,236 100.000%
20.708		16,649,734	16,649,734 100.000%
21.708		16,849,619	16,849,619 100.000%
22.709		17,057,366	17,057,366 100.000%
23.709		17,265,860	17,265,860 100.000%

Timestamp	Transmitted	Received
Seconds	Frame bytes	
24.708	17,473,607	17,473,607 100.000%
25.708	17,681,859	17,681,859 100.000%
26.708	17,777,909	17,777,909 100.000%
27.366	17,777,909	17,777,909 100.000%

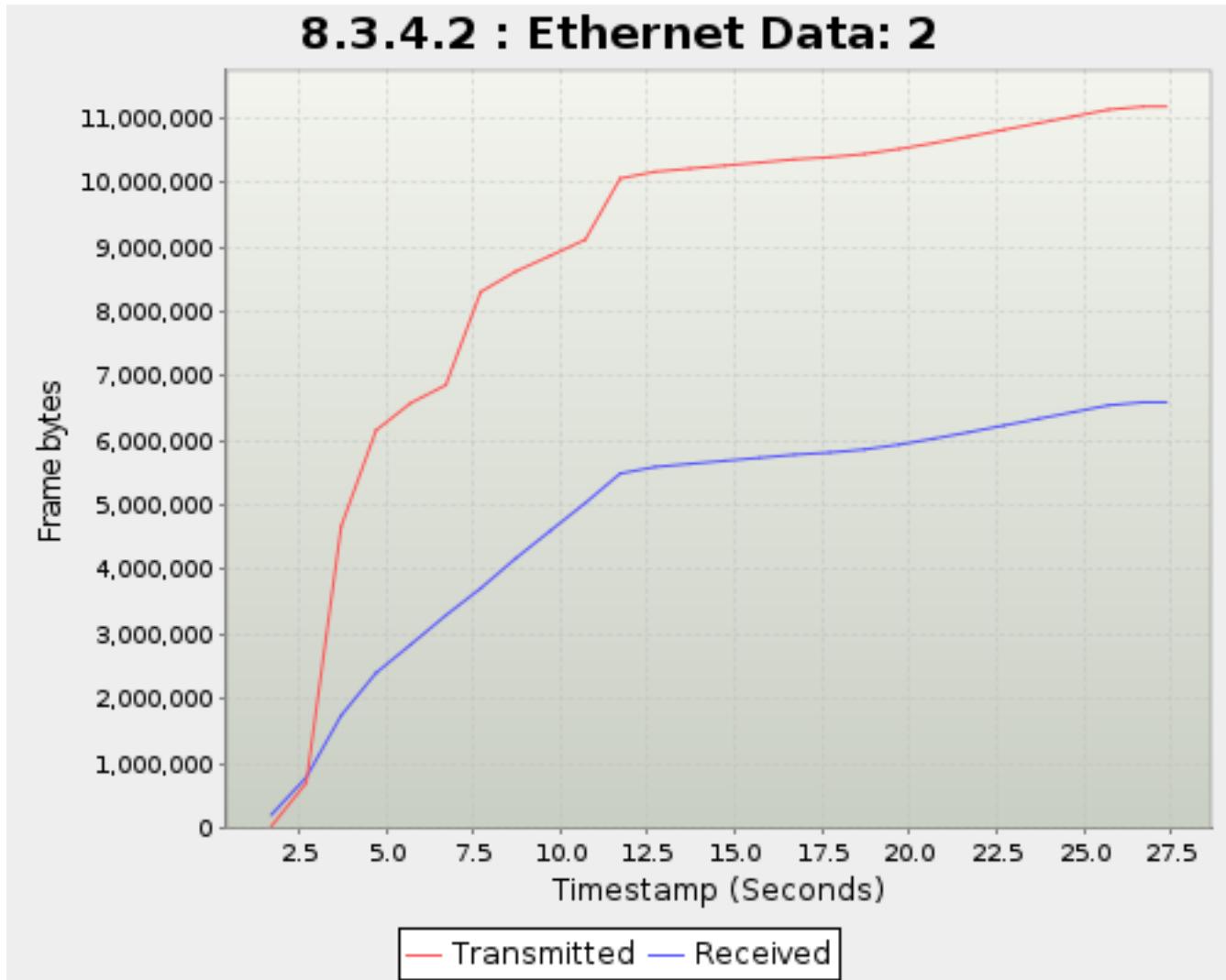
8.3.4.1. Ethernet Data: 1



Timestamp	Transmitted		Received
	Seconds	Frame bytes	Frame bytes
0.709		0	0
1.709		205,704	28,942 14.070%
2.709		786,822	700,565 89.037%
3.709		1,743,712	4,674,534 268.079%
4.709		2,403,739	6,163,437 256.410%
5.709		2,845,368	6,587,773 231.526%
6.709		3,296,044	6,864,209 208.256%
7.709		3,714,456	8,307,640 223.657%
8.709		4,177,154	8,624,390 206.466%
9.706		4,606,460	8,867,958 192.511%
10.709		5,036,830	9,118,475 181.036%
11.709		5,493,253	10,066,443 183.251%
12.709		5,595,390	10,169,560 181.749%
13.709		5,643,702	10,218,912 181.068%
14.706		5,690,214	10,265,432 180.405%
15.710		5,736,726	10,311,952 179.753%
16.708		5,785,726	10,361,826 179.093%
17.709		5,818,251	10,395,231 178.666%
18.709		5,866,190	10,444,479 178.045%
19.709		5,942,172	10,523,064 177.091%
20.708		6,034,428	10,615,306 175.912%
21.708		6,133,953	10,715,666 174.694%
22.709		6,237,837	10,819,529 173.450%
23.709		6,342,105	10,923,755 172.242%

Timestamp	Transmitted	Received
Seconds	Frame bytes	
24.708	6,445,989	11,027,618 171.077%
25.708	6,550,257	11,131,602 169.941%
26.708	6,598,225	11,179,684 169.435%
27.366	6,598,225	11,179,684 169.435%

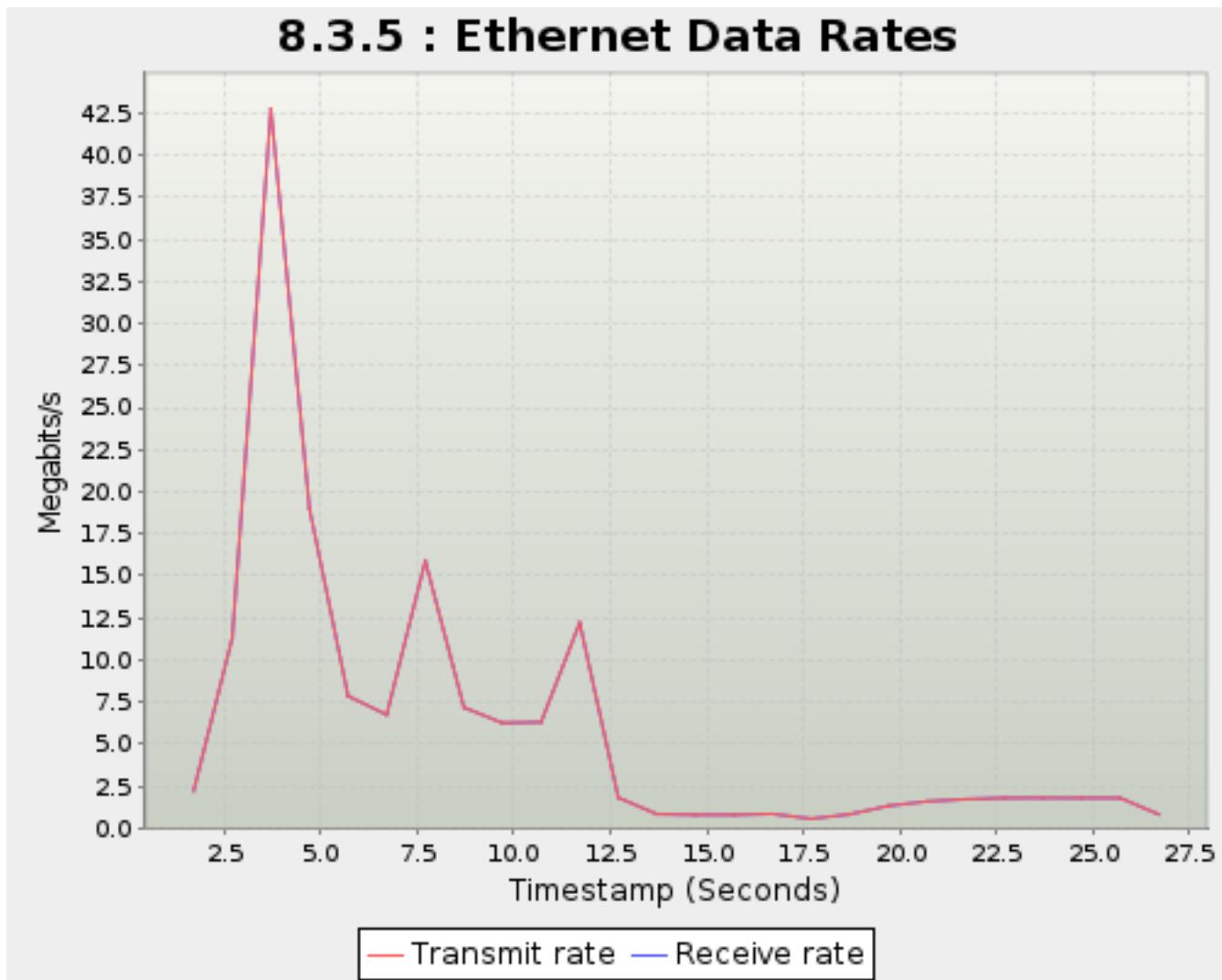
8.3.4.2. Ethernet Data: 2



Timestamp	Transmitted		Received
	Seconds	Frame bytes	Frame bytes
0.709		0	0
1.709		28,942	205,704 710.746%
2.709		700,565	786,822 112.312%
3.709		4,674,890	1,743,712 37.300%
4.709		6,163,437	2,403,739 39.000%
5.709		6,587,773	2,845,368 43.192%
6.709		6,864,209	3,296,044 48.018%
7.709		8,307,640	3,714,456 44.711%
8.709		8,624,390	4,177,154 48.434%
9.706		8,867,958	4,606,460 51.945%
10.709		9,118,475	5,036,830 55.238%
11.709		10,066,443	5,493,253 54.570%
12.709		10,169,560	5,595,390 55.021%
13.709		10,218,912	5,643,702 55.228%
14.706		10,265,432	5,690,214 55.431%
15.710		10,312,182	5,736,956 55.633%
16.708		10,361,826	5,785,726 55.837%
17.709		10,395,231	5,818,251 55.970%
18.709		10,444,479	5,866,190 56.165%
19.709		10,523,064	5,942,172 56.468%
20.708		10,615,306	6,034,428 56.846%
21.708		10,715,666	6,133,953 57.243%
22.709		10,819,529	6,237,837 57.653%
23.709		10,923,755	6,342,105 58.058%

Timestamp	Transmitted	Received
Seconds	Frame bytes	
24.708	11,027,618	6,445,989 58.453%
25.708	11,131,602	6,550,257 58.844%
26.708	11,179,684	6,598,225 59.020%
27.366	11,179,684	6,598,225 59.020%

8.3.5. Ethernet Data Rates



Data Rate shown includes Ethernet overhead.

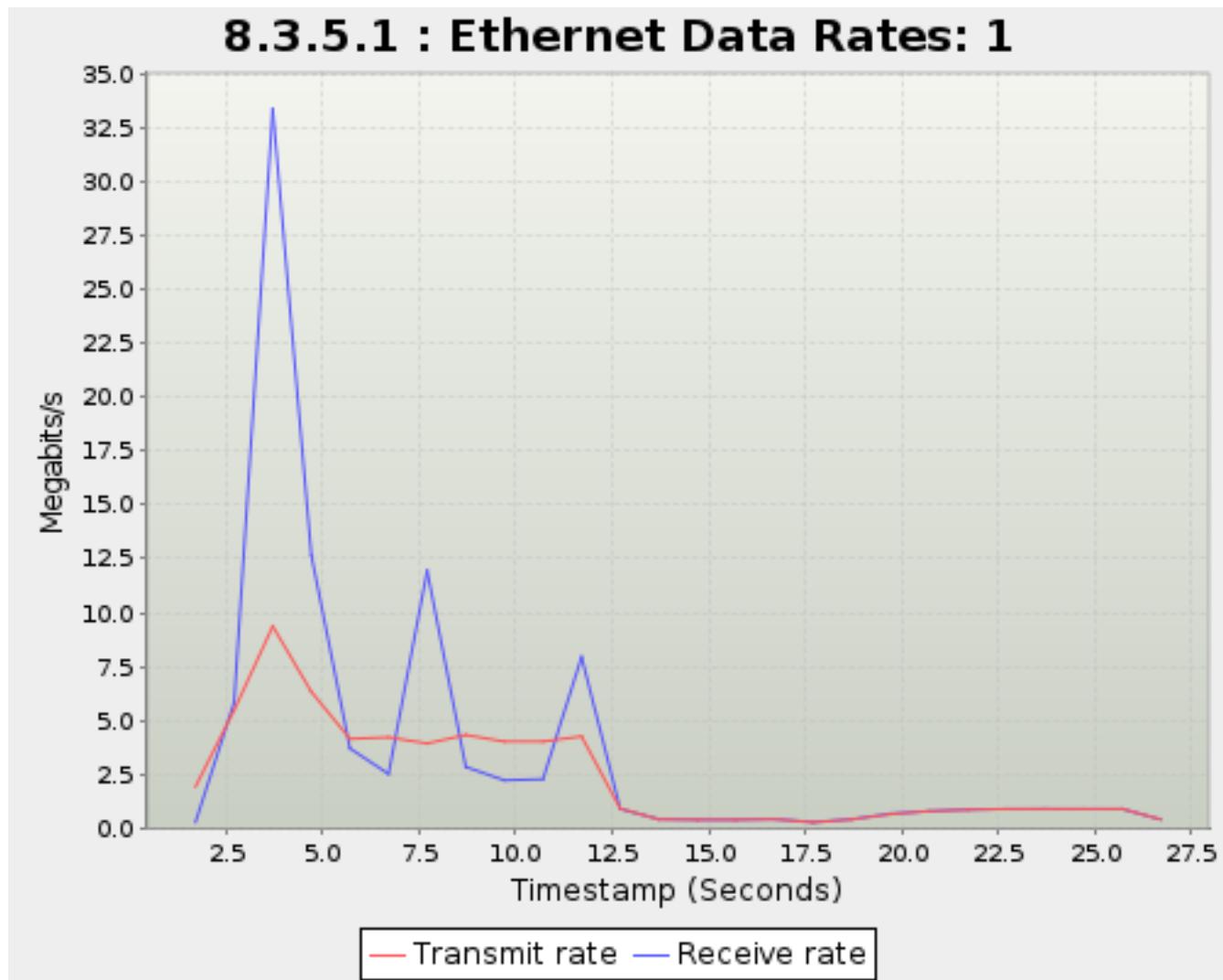
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate	Receive rate
		Megabit/s
0.709	0.00	0.00
1.709	2.230	2.230
2.709	11.32	11.32
3.709	42.74	42.74
4.709	19.01	19.01
5.709	7.867	7.867
6.709	6.756	6.756
7.709	15.89	15.89
8.709	7.190	7.190
9.706	6.267	6.267
10.709	6.315	6.315
11.709	12.22	12.22
12.709	1.831	1.831
13.709	0.8511	0.8511
14.706	0.8095	0.8095
15.710	0.8075	0.8075
16.708	0.8618	0.8618
17.709	0.5735	0.5735
18.709	0.8450	0.8450

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.709		1.342	1.342
20.708		1.605	1.605
21.708		1.738	1.738
22.709		1.807	1.807
23.709		1.814	1.814
24.708		1.807	1.807
25.708		1.812	1.812
26.708		0.8354	0.8354
27.366		0.00	0.00

8.3.5.1. Ethernet Data Rates: 1



Data Rate shown includes Ethernet overhead.

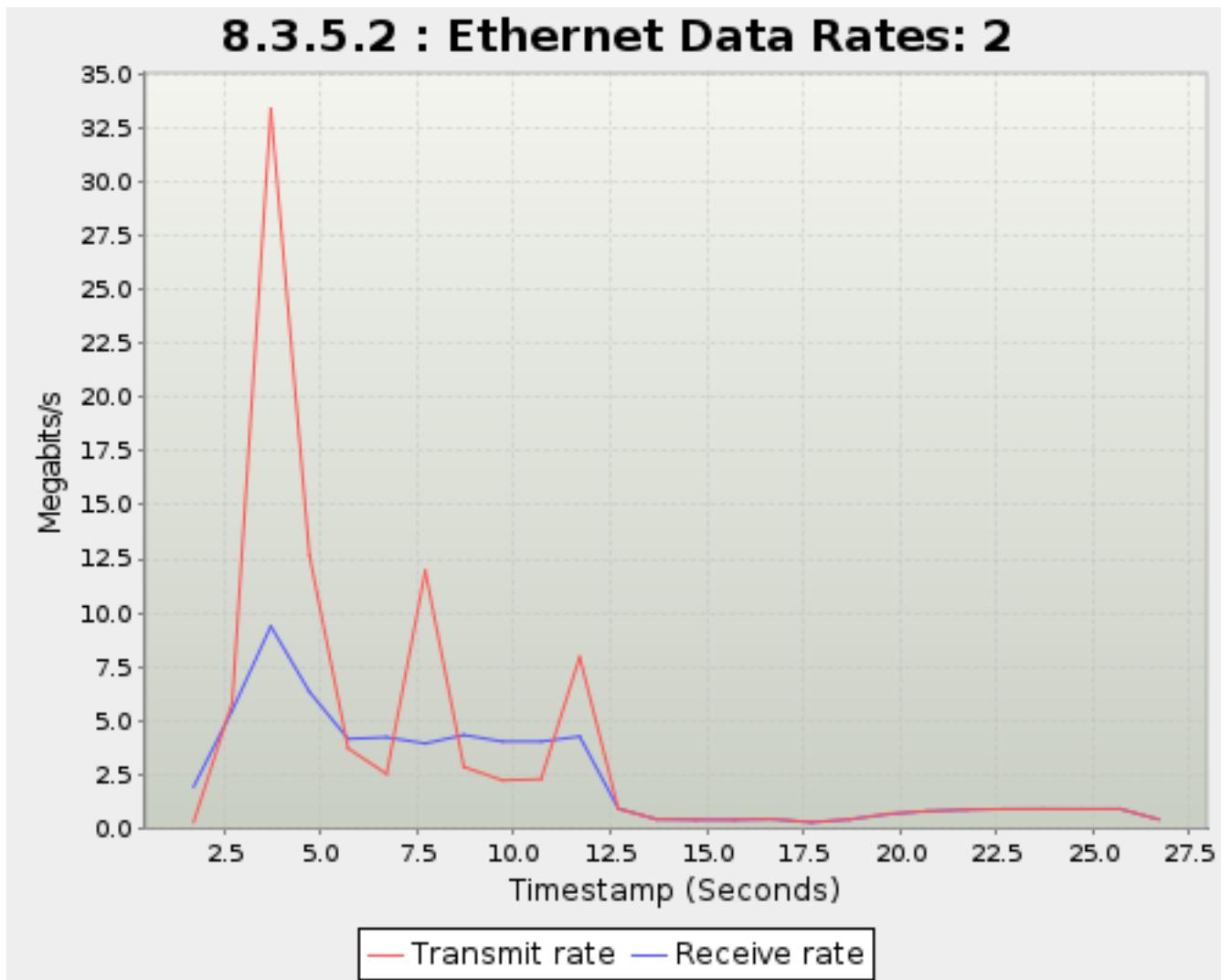
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate	Receive rate
		Megabits/s
0.709	0.00	0.00
1.709	1.937	0.2925
2.709	5.476	5.842
3.709	9.378	33.36
4.709	6.338	12.67
5.709	4.154	3.714
6.709	4.228	2.528
7.709	3.942	11.95
8.709	4.334	2.855
9.706	4.032	2.235
10.709	4.031	2.284
11.709	4.268	7.953
12.709	0.9241	0.9064
13.709	0.4211	0.4300
14.706	0.4047	0.4048
15.710	0.4047	0.4048
16.708	0.4262	0.4332
17.709	0.2839	0.2896
18.709	0.4176	0.4274

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.709		0.6608	0.6816
20.708		0.8024	0.8023
21.708		0.8658	0.8725
22.709		0.9036	0.9034
23.709		0.9071	0.9068
24.708		0.9036	0.9034
25.708		0.9071	0.9045
26.708		0.4172	0.4183
27.366		0.00	0.00

8.3.5.2. Ethernet Data Rates: 2



Data Rate shown includes Ethernet overhead.

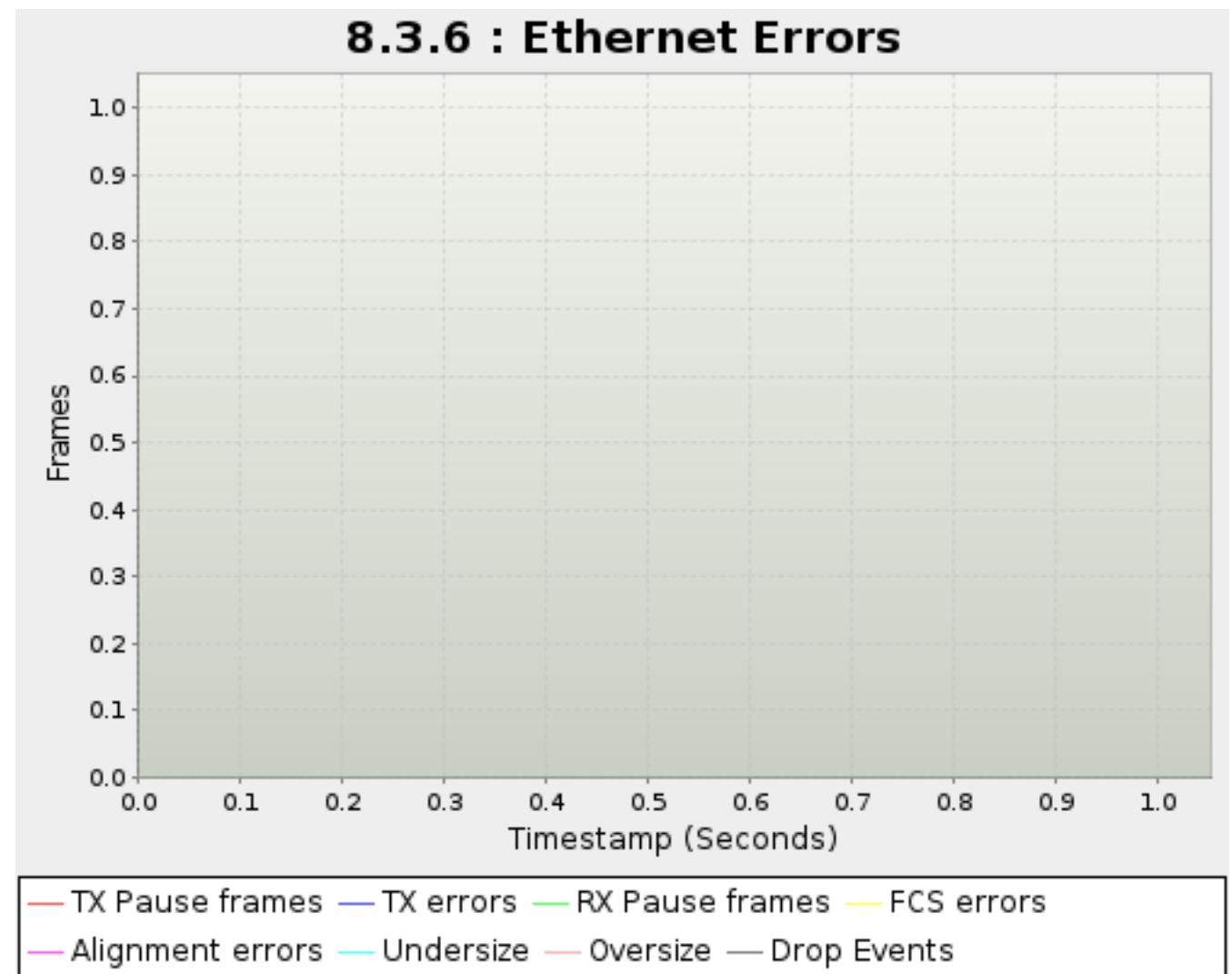
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate Megabits/s	Receive rate Megabits/s
0.709	0.00	0.00
1.709	0.2925	1.937
2.709	5.842	5.476
3.709	33.37	9.378
4.709	12.67	6.338
5.709	3.714	4.154
6.709	2.528	4.228
7.709	11.95	3.942
8.709	2.855	4.334
9.706	2.235	4.032
10.709	2.284	4.031
11.709	7.953	4.268
12.709	0.9064	0.9241
13.709	0.4300	0.4211
14.706	0.4048	0.4047
15.710	0.4028	0.4027
16.708	0.4356	0.4285
17.709	0.2896	0.2839
18.709	0.4274	0.4176

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
19.709		0.6816	0.6608
20.708		0.8023	0.8024
21.708		0.8725	0.8658
22.709		0.9034	0.9036
23.709		0.9068	0.9071
24.708		0.9034	0.9036
25.708		0.9045	0.9071
26.708		0.4183	0.4172
27.366		0.00	0.00

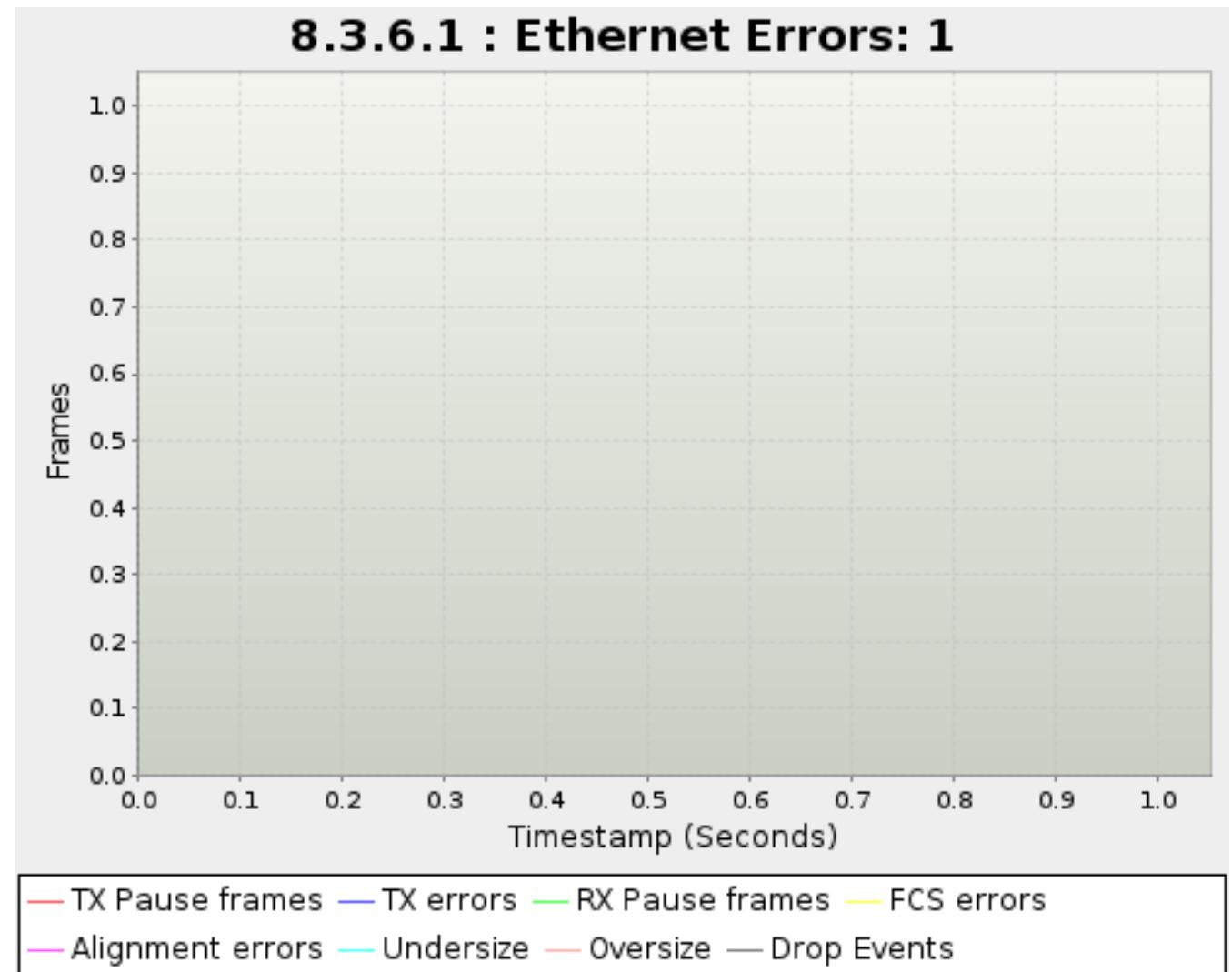
8.3.6. Ethernet Errors



Test Results for simple_appsim

662

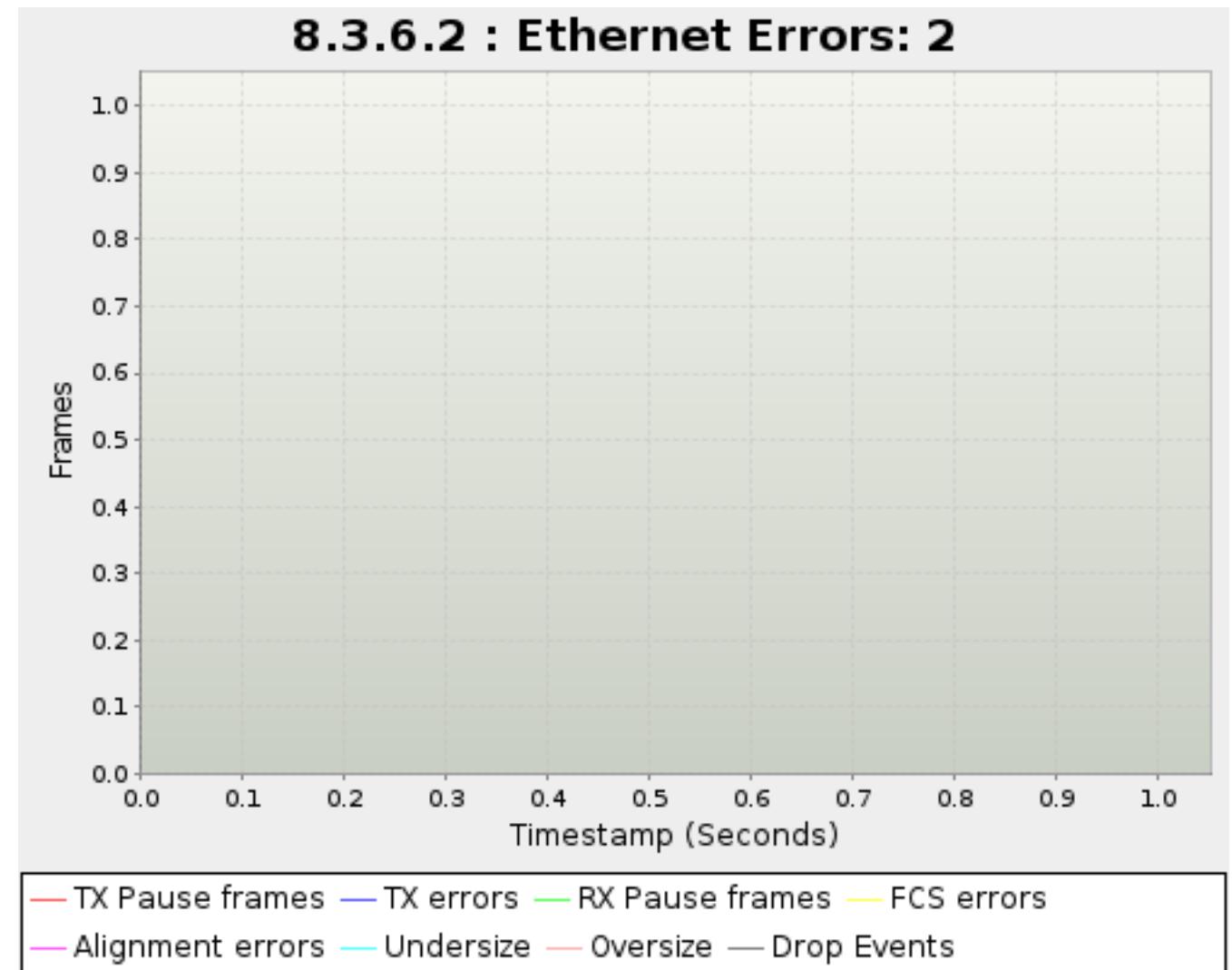
8.3.6.1. Ethernet Errors: 1



Test Results for simple_appsim

664

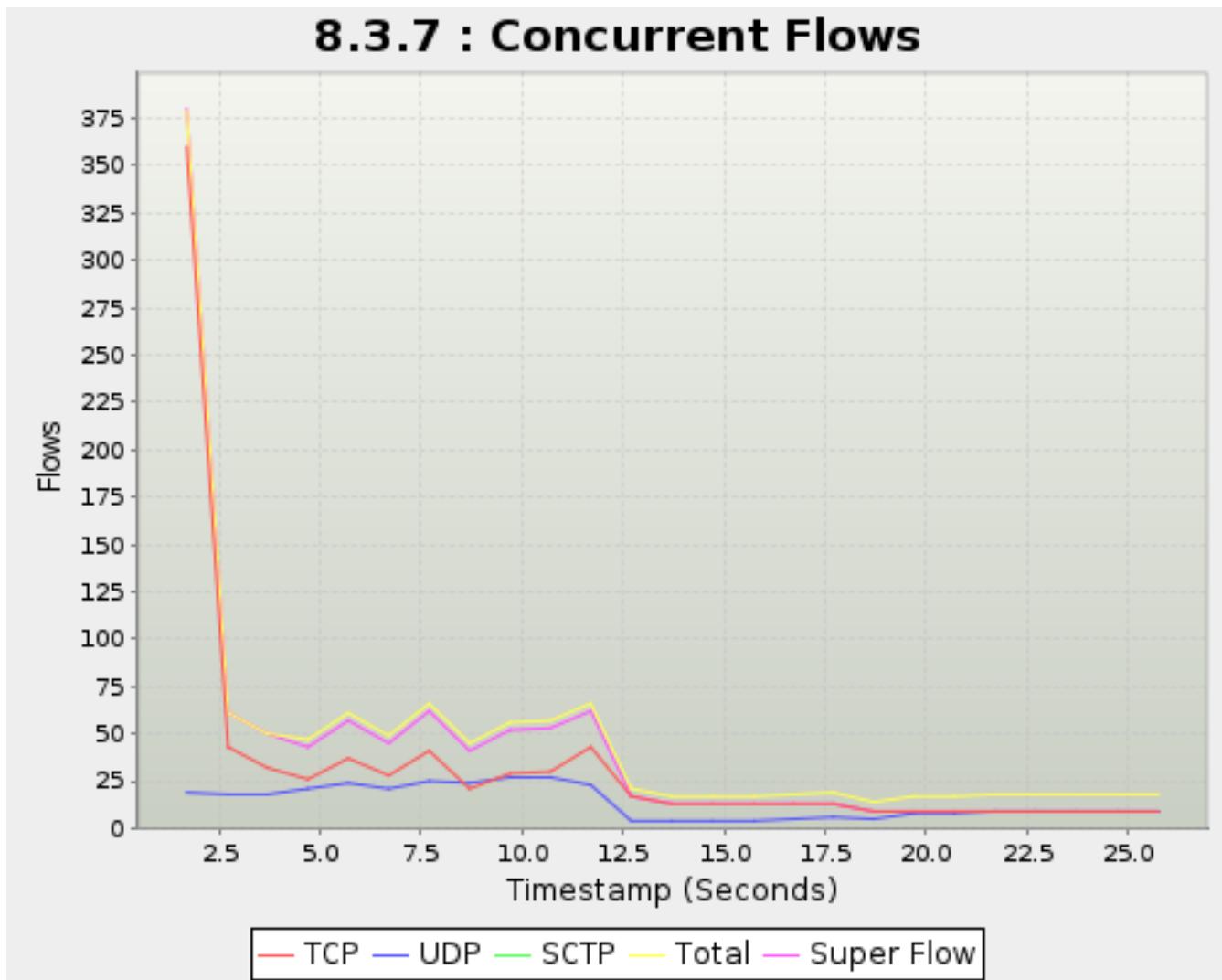
8.3.6.2. Ethernet Errors: 2



Test Results for simple_appsim

666

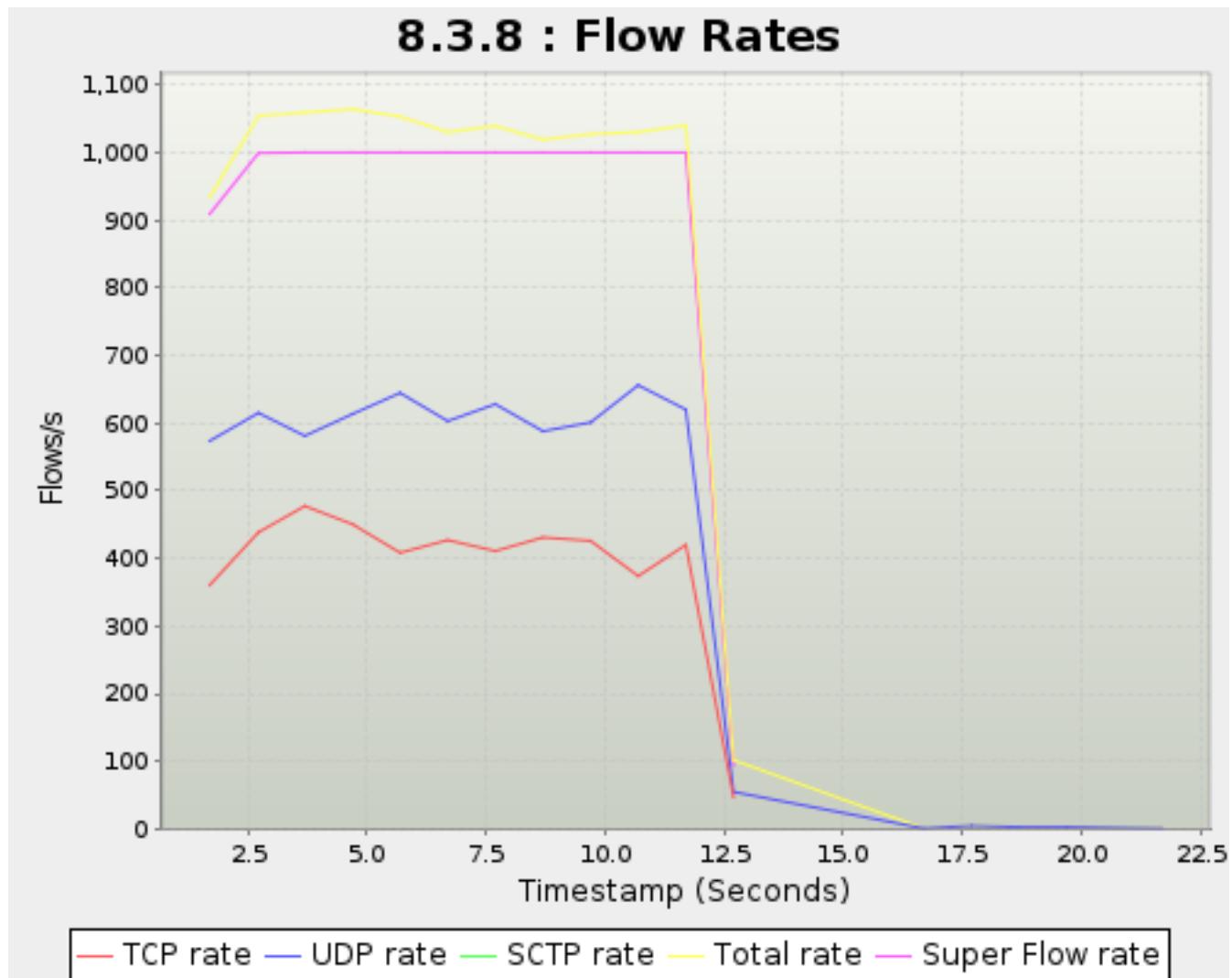
8.3.7. Concurrent Flows



Timestamp	TCP	UDP	SCTP	Total	Super Flow
Seconds					
0	0	0	0	0	0
0.702	0	0	0	0	0
1.701	360	19	0	379	380
2.727	43	18	0	61	61
3.701	32	18	0	50	50
4.702	26	21	0	47	43
5.701	37	24	0	61	57
6.701	28	21	0	49	45
7.701	41	25	0	66	62
8.701	21	24	0	45	41
9.701	29	27	0	56	52
10.701	30	27	0	57	53
11.701	43	23	0	66	62
12.702	17	4	0	21	17
13.701	13	4	0	17	13
14.702	13	4	0	17	13
15.744	13	4	0	17	13
16.701	13	5	0	18	13
17.701	13	6	0	19	13
18.701	9	5	0	14	9
19.701	9	8	0	17	9
20.701	9	8	0	17	9
21.701	9	9	0	18	9
22.701	9	9	0	18	9

Timestamp	TCP	UDP	SCTP	Total	Super Flow
Seconds	Flows				
23.701	9	9	0	18	9
24.744	9	9	0	18	9
25.745	9	9	0	18	9
26.702	0	0	0	0	0

8.3.8. Flow Rates



Timestamp	TCP rate	UDP rate	SCTP rate	Total rate	Super Flow rate
Seconds				Flows/s	
0	0.00	0.00	0.00	0.00	0.00
0.702	0.00	0.00	0.00	0.00	0.00
1.701	360.4	573.6	0.00	933.9	908.9
2.727	438.6	-615	0.00	~1054	~999
3.701	477.4	581.1	0.00	~1059	1,000
4.702	450.5	613.4	0.00	~1064	1,000
5.701	408.4	644.6	0.00	~1053	1,000
6.701	427	603	0.00	1,030	1,000
7.701	411	628	0.00	1,039	1,000
8.701	431	588	0.00	1,019	1,000
9.701	426	601	0.00	1,027	1,000
10.701	374	656	0.00	1,030	1,000
11.701	420	620	0.00	1,040	1,000
12.702	46.95	54.95	0.00	101.9	93.91
13.701	0.00	0.00	0.00	0.00	0.00
14.702	0.00	0.00	0.00	0.00	0.00
15.744	0.00	0.00	0.00	0.00	0.00
16.701	0.00	1.045	0.00	1.045	0.00
17.701	0.00	5	0.00	5	0.00
18.701	0.00	3	0.00	3	0.00
19.701	0.00	3	0.00	3	0.00
20.701	0.00	0.00	0.00	0.00	0.00
21.701	0.00	1	0.00	1	0.00
22.701	0.00	0.00	0.00	0.00	0.00

Timestamp Seconds	TCP rate	UDP rate	SCTP rate	Total rate	Super Flow rate
23.701	0.00	0.00	0.00	0.00	0.00
24.744	0.00	0.00	0.00	0.00	0.00
25.745	0.00	0.00	0.00	0.00	0.00
26.702	0.00	0.00	0.00	0.00	0.00

8.4. Slot 0 NP np0-0 statistics

8.4.1. Component Description

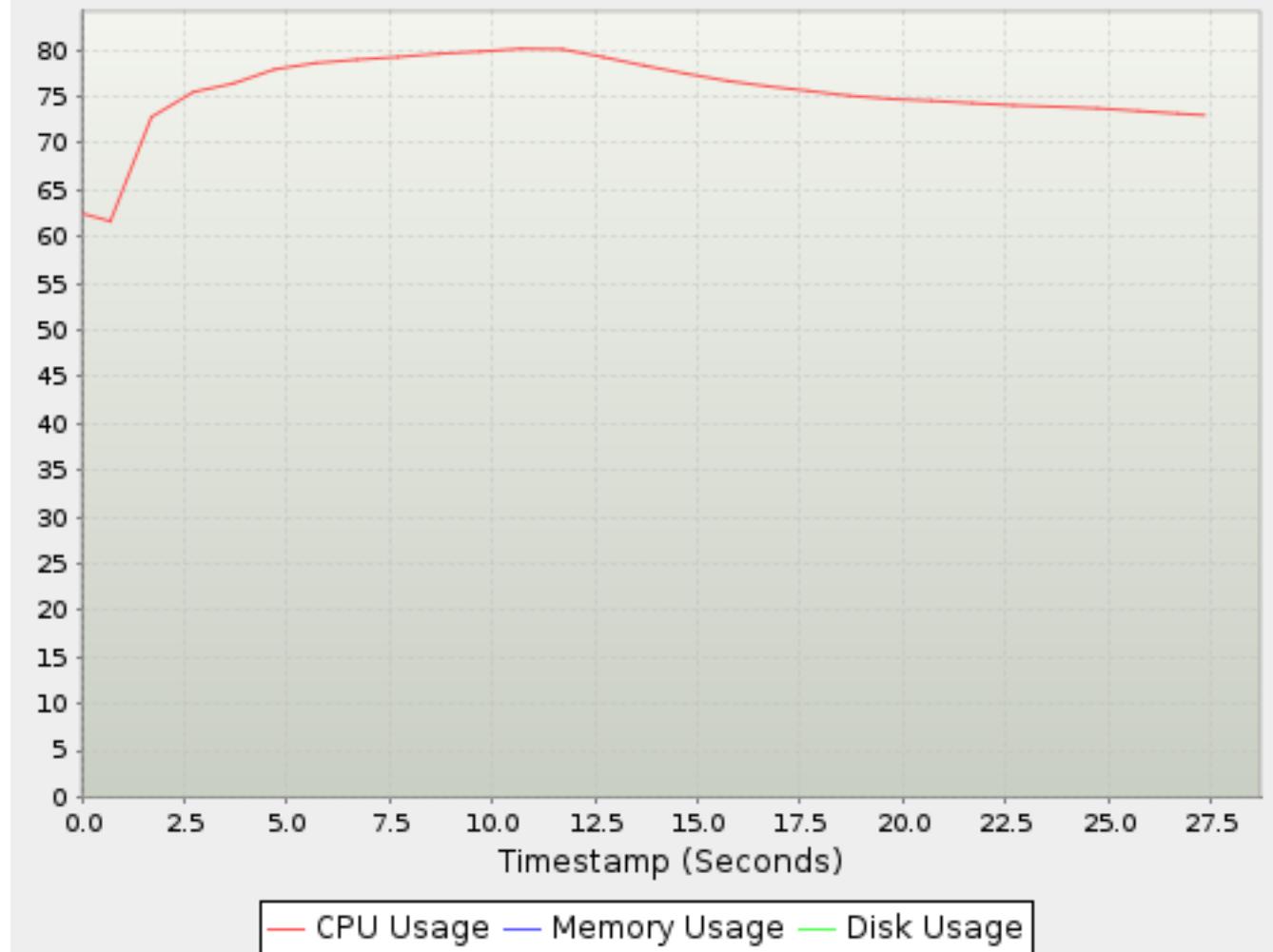
Component: aggregate_statistics
This component measures aggregate system and network statistics.

Component	Resource Used
Slot 0 NP np0-0 statistics	np0-0

8.4.2. Detail

8.4.2.1. System Resource Usage

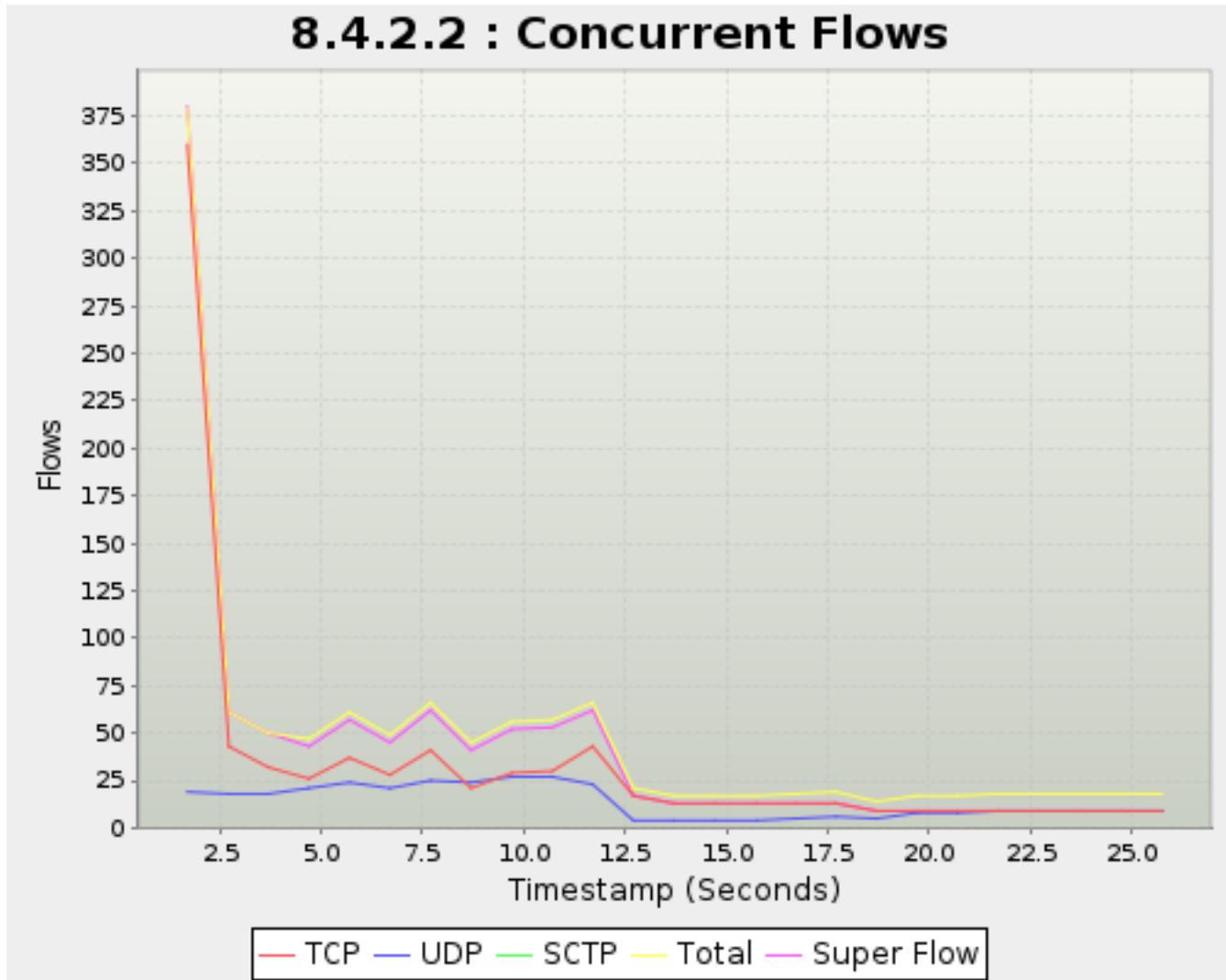
8.4.2.1 : System Resource Usage



Timestamp Seconds	CPU Usage Percent	Memory Usage Percent	Disk Usage Percent
0	62.50	0	0
0.702	61.66	0	0
1.701	72.81	0	0
2.727	75.50	0	0
3.701	76.41	0	0
4.702	77.92	0	0
5.701	78.59	0	0
6.701	78.95	0	0
7.701	79.24	0	0
8.701	79.59	0	0
9.701	79.82	0	0
10.701	80.12	0	0
11.701	80.07	0	0
12.702	79.23	0	0
13.701	78.32	0	0
14.702	77.47	0	0
15.744	76.67	0	0
16.701	76.11	0	0
17.701	75.61	0	0
18.701	75.09	0	0
19.701	74.75	0	0
20.701	74.55	0	0
21.701	74.30	0	0
22.701	74.06	0	0

Timestamp	CPU Usage	Memory Usage	Disk Usage
<i>Seconds</i>			<i>Percent</i>
23.701	73.92	0	0
24.744	73.74	0	0
25.745	73.46	0	0
26.702	73.18	0	0
27.342	73.02	0	0

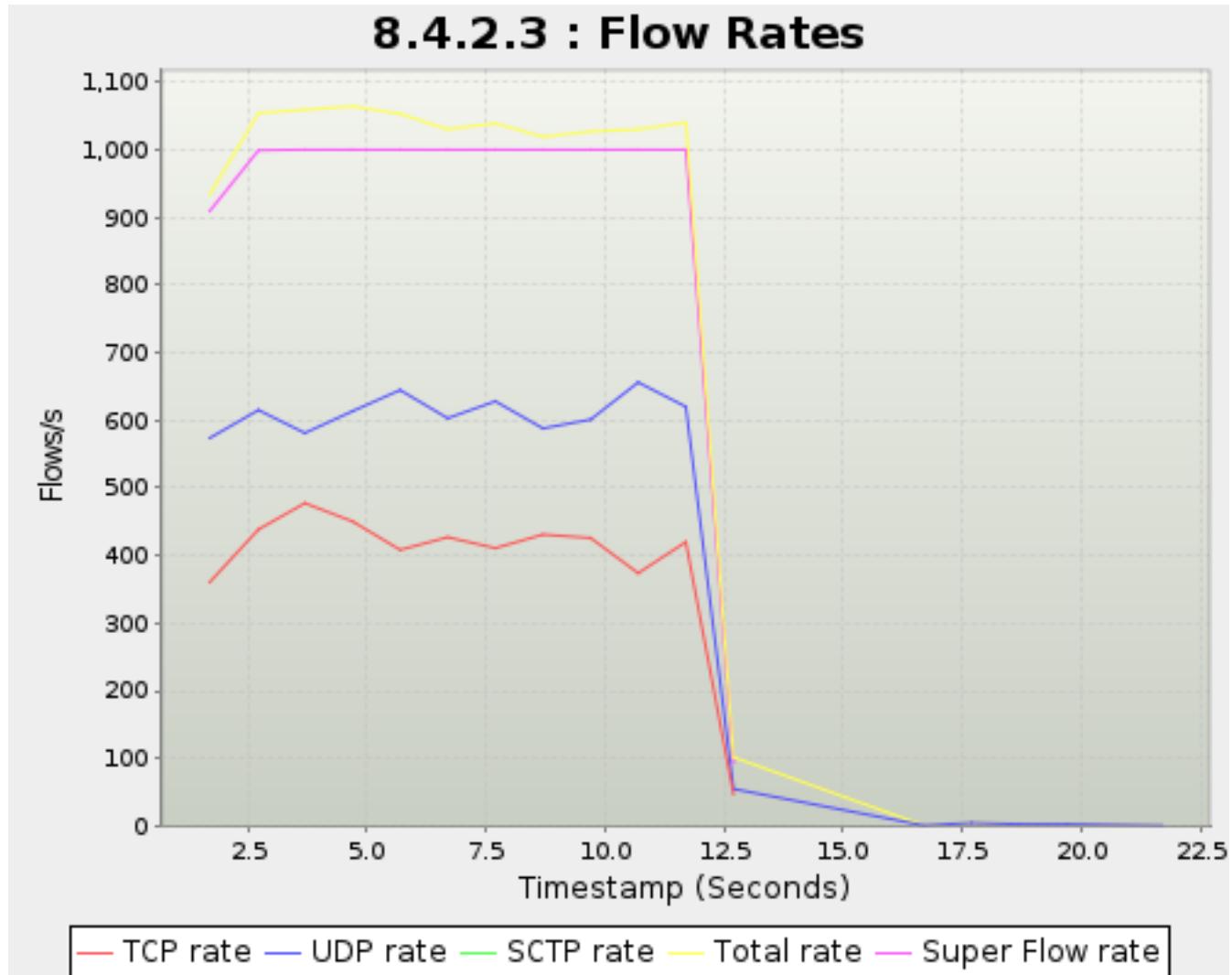
8.4.2.2. Concurrent Flows



Timestamp	TCP	UDP	SCTP	Total	Super Flow
Seconds				Flows	
0	0	0	0	0	0
0.702	0	0	0	0	0
1.701	360	19	0	379	380
2.727	43	18	0	61	61
3.701	32	18	0	50	50
4.702	26	21	0	47	43
5.701	37	24	0	61	57
6.701	28	21	0	49	45
7.701	41	25	0	66	62
8.701	21	24	0	45	41
9.701	29	27	0	56	52
10.701	30	27	0	57	53
11.701	43	23	0	66	62
12.702	17	4	0	21	17
13.701	13	4	0	17	13
14.702	13	4	0	17	13
15.744	13	4	0	17	13
16.701	13	5	0	18	13
17.701	13	6	0	19	13
18.701	9	5	0	14	9
19.701	9	8	0	17	9
20.701	9	8	0	17	9
21.701	9	9	0	18	9
22.701	9	9	0	18	9

Timestamp	TCP	UDP	SCTP	Total	Super Flow
Seconds	Flows				
23.701	9	9	0	18	9
24.744	9	9	0	18	9
25.745	9	9	0	18	9
26.702	0	0	0	0	0

8.4.2.3. Flow Rates



Timestamp	TCP rate	UDP rate	SCTP rate	Total rate	Super Flow rate
Seconds				Flows/s	
0	0.00	0.00	0.00	0.00	0.00
0.702	0.00	0.00	0.00	0.00	0.00
1.701	360.4	573.6	0.00	933.9	908.9
2.727	438.6	-615	0.00	~1054	~999
3.701	477.4	581.1	0.00	~1059	1,000
4.702	450.5	613.4	0.00	~1064	1,000
5.701	408.4	644.6	0.00	~1053	1,000
6.701	427	603	0.00	1,030	1,000
7.701	411	628	0.00	1,039	1,000
8.701	431	588	0.00	1,019	1,000
9.701	426	601	0.00	1,027	1,000
10.701	374	656	0.00	1,030	1,000
11.701	420	620	0.00	1,040	1,000
12.702	46.95	54.95	0.00	101.9	93.91
13.701	0.00	0.00	0.00	0.00	0.00
14.702	0.00	0.00	0.00	0.00	0.00
15.744	0.00	0.00	0.00	0.00	0.00
16.701	0.00	1.045	0.00	1.045	0.00
17.701	0.00	5	0.00	5	0.00
18.701	0.00	3	0.00	3	0.00
19.701	0.00	3	0.00	3	0.00
20.701	0.00	0.00	0.00	0.00	0.00
21.701	0.00	1	0.00	1	0.00
22.701	0.00	0.00	0.00	0.00	0.00

Timestamp	TCP rate	UDP rate	SCTP rate	Total rate	Super Flow rate
Seconds	Flows/s				
23.701	0.00	0.00	0.00	0.00	0.00
24.744	0.00	0.00	0.00	0.00	0.00
25.745	0.00	0.00	0.00	0.00	0.00
26.702	0.00	0.00	0.00	0.00	0.00

8.5. System Controller 0 statistics

8.5.1. Component Description

Component: aggregate_statistics This component measures aggregate system and network statistics.

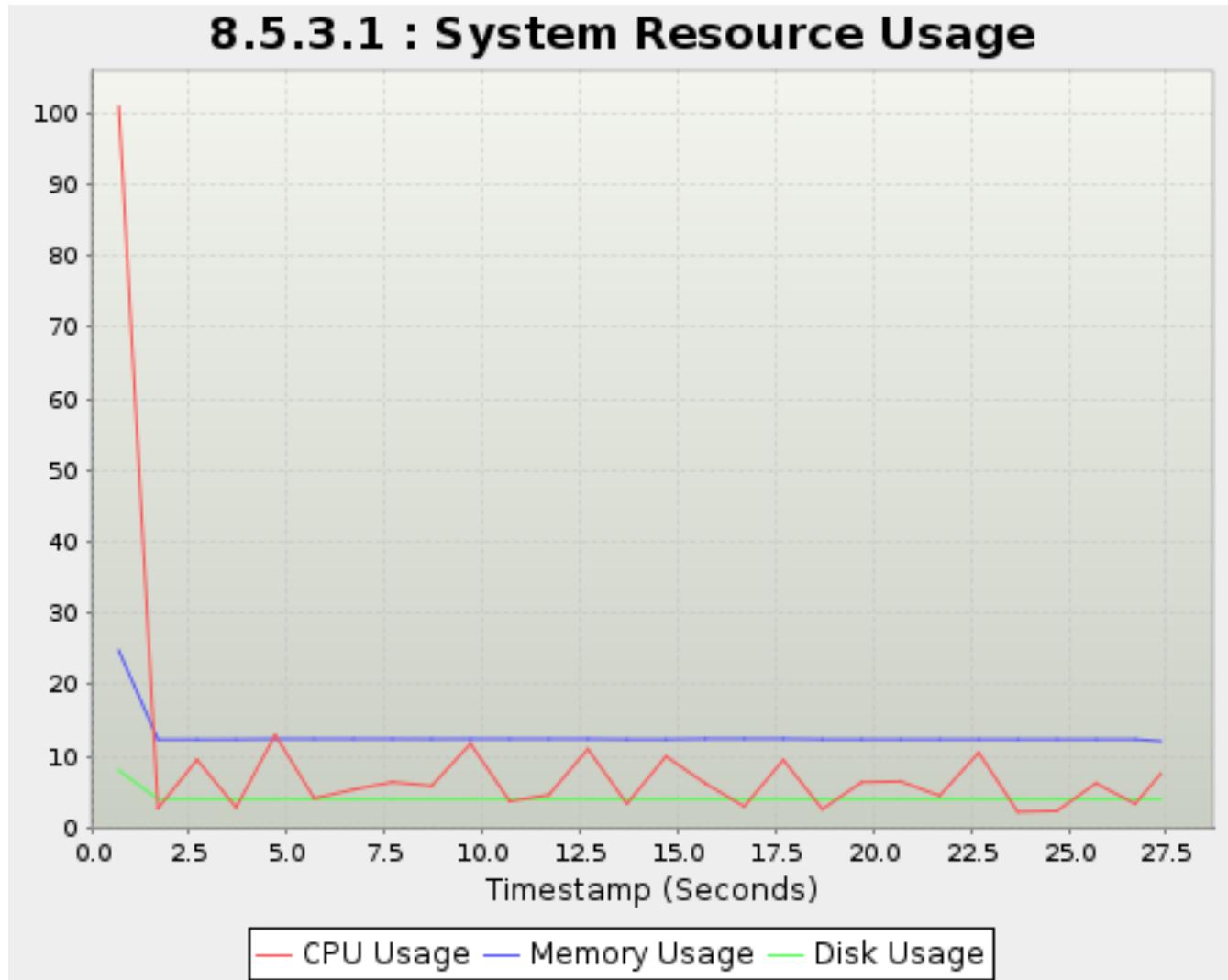
Component	Resource Used
System Controller 0 statistics	sc0

8.5.2. Ethernet Summary

Measurement	Value
Transmitted Bytes	35,555,818
Received Bytes	35,555,818 100.000%
Transmit Frame Rate	~41170
Receive Frame Rate	~41170 99.995%
Transmit Megabit/s	85.49
Receive Megabit/s	85.48 99.993%
Transmitted Frames	186,544
Received Frames	186,544 100.000%
Transmit Pause Frames	0
Receive Pause Frames	0
Transmit errors Frames	0
FCS errors Frames	0
Alignment errors Frames	0
Undersize Frames	0
Oversize Frames	0
Drop Events Frames	0

8.5.3. Detail

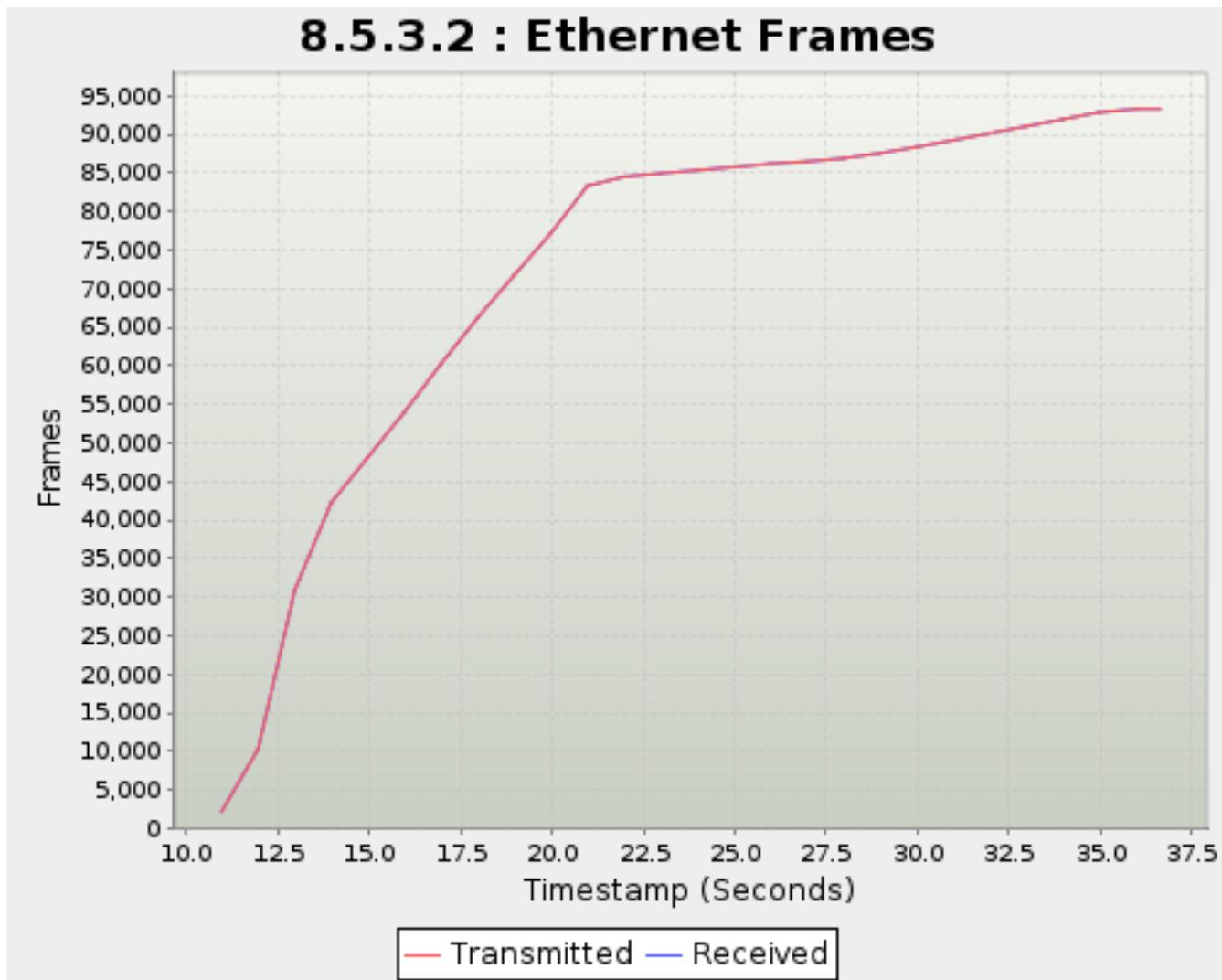
8.5.3.1. System Resource Usage



Timestamp	CPU Usage	Memory Usage	Disk Usage
Seconds	Percent		
0.700	100.89	24.80	8.08
1.700	2.75	12.40	4.04
2.700	9.54	12.40	4.04
3.700	2.88	12.41	4.04
4.700	13.02	12.46	4.04
5.700	4.14	12.46	4.04
6.700	5.38	12.46	4.04
7.700	6.41	12.46	4.04
8.700	5.88	12.45	4.04
9.699	11.78	12.46	4.04
10.700	3.75	12.46	4.04
11.700	4.63	12.46	4.04
12.700	11.03	12.46	4.04
13.700	3.38	12.42	4.04
14.699	10.03	12.42	4.04
15.700	6.25	12.48	4.04
16.700	3.01	12.48	4.04
17.700	9.52	12.48	4.04
18.700	2.63	12.42	4.04
19.700	6.39	12.42	4.04
20.700	6.51	12.42	4.04
21.700	4.51	12.42	4.04
22.700	10.53	12.42	4.04
23.700	2.26	12.42	4.04

Timestamp	CPU Usage	Memory Usage	Disk Usage
<i>Seconds</i>			
24.700	2.38	12.42	4.04
25.700	6.25	12.42	4.04
26.700	3.38	12.42	4.04
27.360	7.60	12.11	4.04

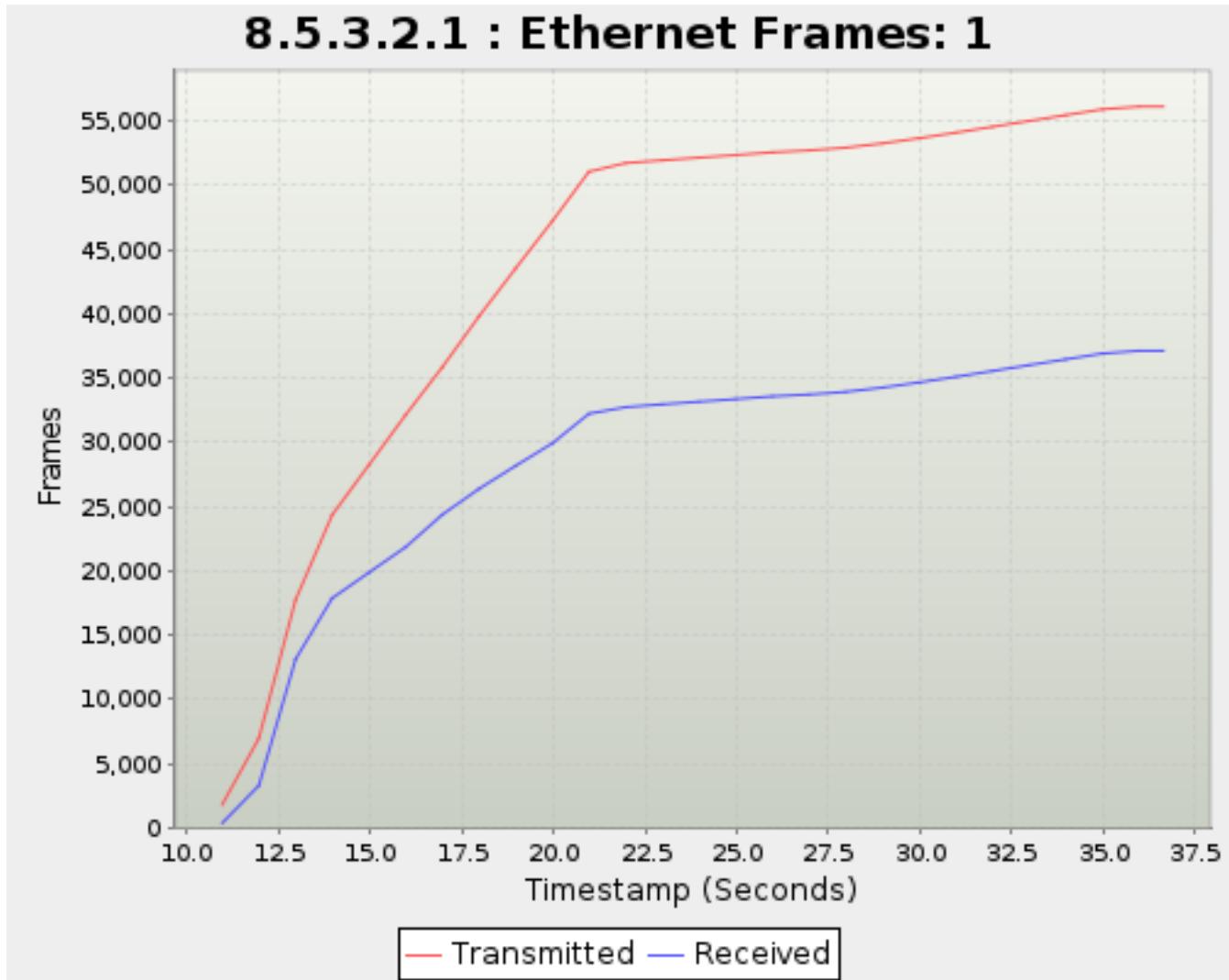
8.5.3.2. Ethernet Frames



Timestamp	Transmitted	Received
Seconds	Frames	
9.970	0	0
10.970	2,205	2,205 100.000%
11.970	10,304	10,304 100.000%
12.970	30,891	30,890 99.997%
13.970	42,259	42,259 100.000%
14.970	48,132	48,132 100.000%
15.970	54,002	54,002 100.000%
16.970	60,240	60,240 100.000%
17.970	66,203	66,203 100.000%
18.970	71,731	71,731 100.000%
19.970	77,156	77,156 100.000%
20.970	83,315	83,315 100.000%
21.970	84,493	84,493 100.000%
22.970	84,929	84,929 100.000%
23.970	85,337	85,337 100.000%
24.980	85,746	85,746 100.000%
25.970	86,173	86,173 100.000%
26.970	86,461	86,461 100.000%
27.970	86,883	86,883 100.000%
28.970	87,545	87,545 100.000%
29.970	88,349	88,349 100.000%
30.970	89,219	89,219 100.000%
31.970	90,125	90,125 100.000%
32.970	91,037	91,037 100.000%

Timestamp	Transmitted	Received
Seconds	Frames	
33.970	91,943	91,943 100.000%
34.970	92,853	92,853 100.000%
35.970	93,272	93,272 100.000%
36.630	93,272	93,272 100.000%

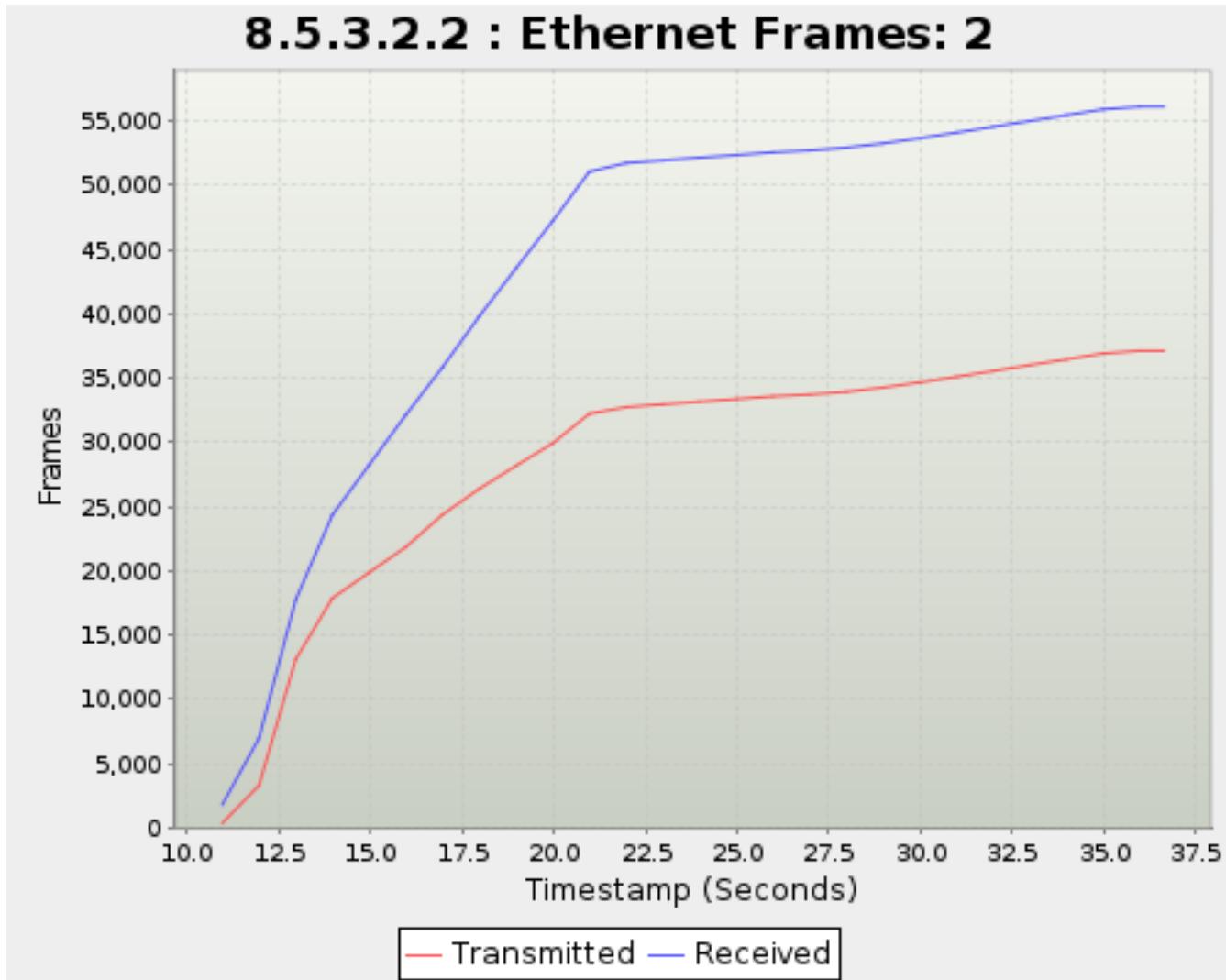
8.5.3.2.1. Ethernet Frames: 1



Timestamp Seconds	Transmitted		Received
	Frames	Percentage	Frames
9.970	0	0%	0
10.970	1,824	20.888%	381
11.970	6,990	47.411%	3,314
12.970	17,757	73.960%	13,133
13.970	24,371	73.399%	17,888
14.970	28,251	70.373%	19,881
15.970	32,143	68.005%	21,859
16.970	35,857	68.001%	24,383
17.970	39,812	66.289%	26,391
18.970	43,547	64.721%	28,184
19.970	47,222	63.390%	29,934
20.970	51,074	63.126%	32,241
21.970	51,743	63.294%	32,750
22.970	51,959	63.454%	32,970
23.970	52,163	63.597%	33,174
24.970	52,367	63.739%	33,378
25.970	52,581	63.886%	33,592
26.970	52,729	63.972%	33,732
27.970	52,942	64.110%	33,941
28.970	53,273	64.333%	34,272
29.970	53,675	64.600%	34,674
30.970	54,110	64.884%	35,109
31.970	54,563	65.176%	35,562
32.970	55,019	65.465%	36,018

Timestamp	Transmitted	Received
Seconds		Frames
33.970	55,472	36,471 65.747%
34.970	55,928	36,925 66.022%
35.970	56,137	37,135 66.151%
36.630	56,137	37,135 66.151%

8.5.3.2.2. Ethernet Frames: 2

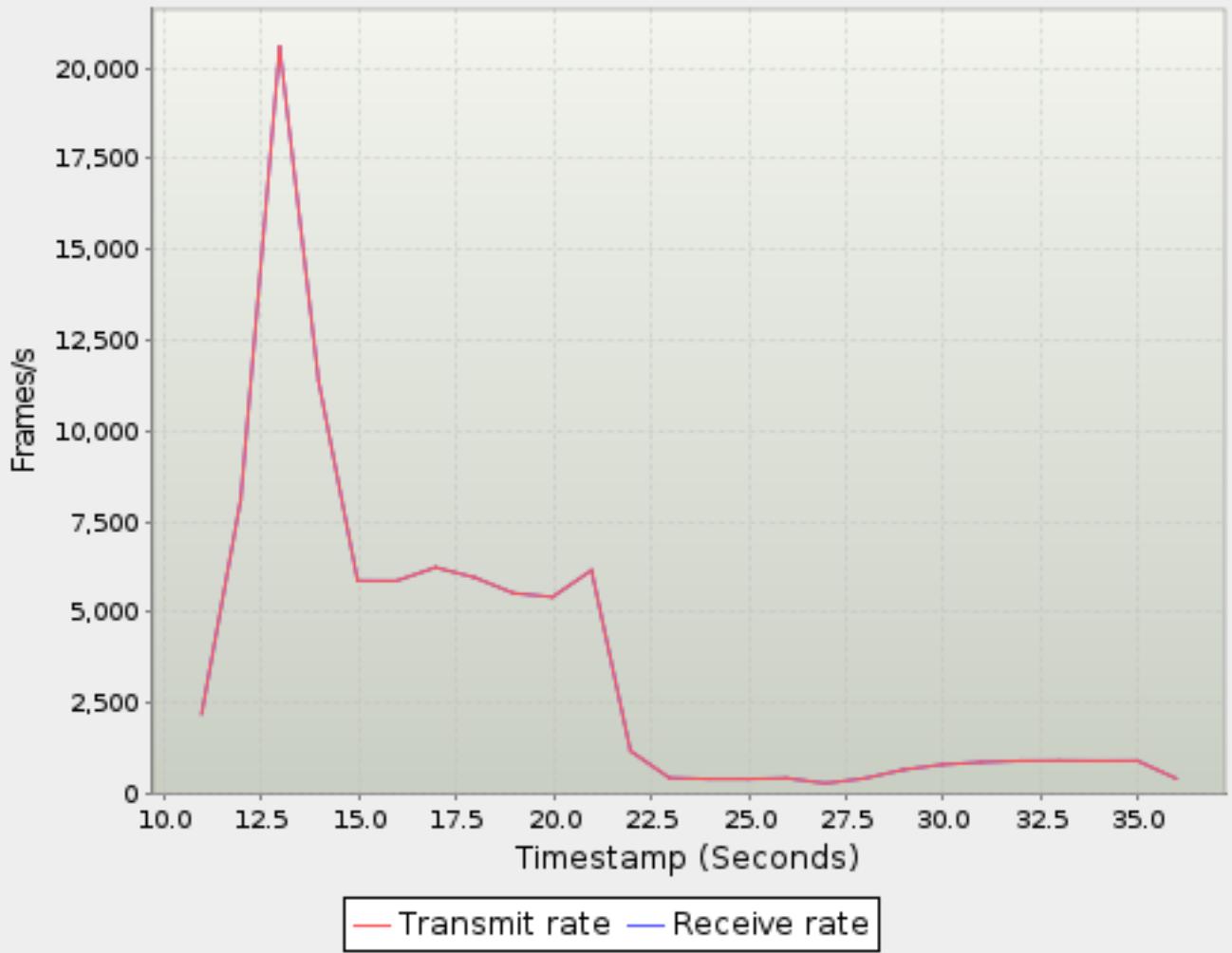


Timestamp Seconds	Transmitted		Received
		Frames	Frames
9.970	0	0	0
10.970	381	1,824	478.740%
11.970	3,314	6,990	210.923%
12.970	13,134	17,757	135.199%
13.970	17,888	24,371	136.242%
14.970	19,881	28,251	142.100%
15.970	21,859	32,143	147.047%
16.970	24,383	35,857	147.057%
17.970	26,391	39,812	150.854%
18.970	28,184	43,547	154.510%
19.970	29,934	47,222	157.754%
20.970	32,241	51,074	158.413%
21.970	32,750	51,743	157.994%
22.970	32,970	51,959	157.595%
23.970	33,174	52,163	157.241%
24.980	33,379	52,368	156.889%
25.970	33,592	52,581	156.528%
26.970	33,732	52,729	156.317%
27.970	33,941	52,942	155.982%
28.970	34,272	53,273	155.442%
29.970	34,674	53,675	154.799%
30.970	35,109	54,110	154.120%
31.970	35,562	54,563	153.431%
32.970	36,018	55,019	152.754%

Timestamp	Transmitted	Received
Seconds	Frames	
33.970	36,471	55,472 152.099%
34.970	36,925	55,928 151.464%
35.970	37,135	56,137 151.170%
36.630	37,135	56,137 151.170%

8.5.3.3. Ethernet Frame Rates

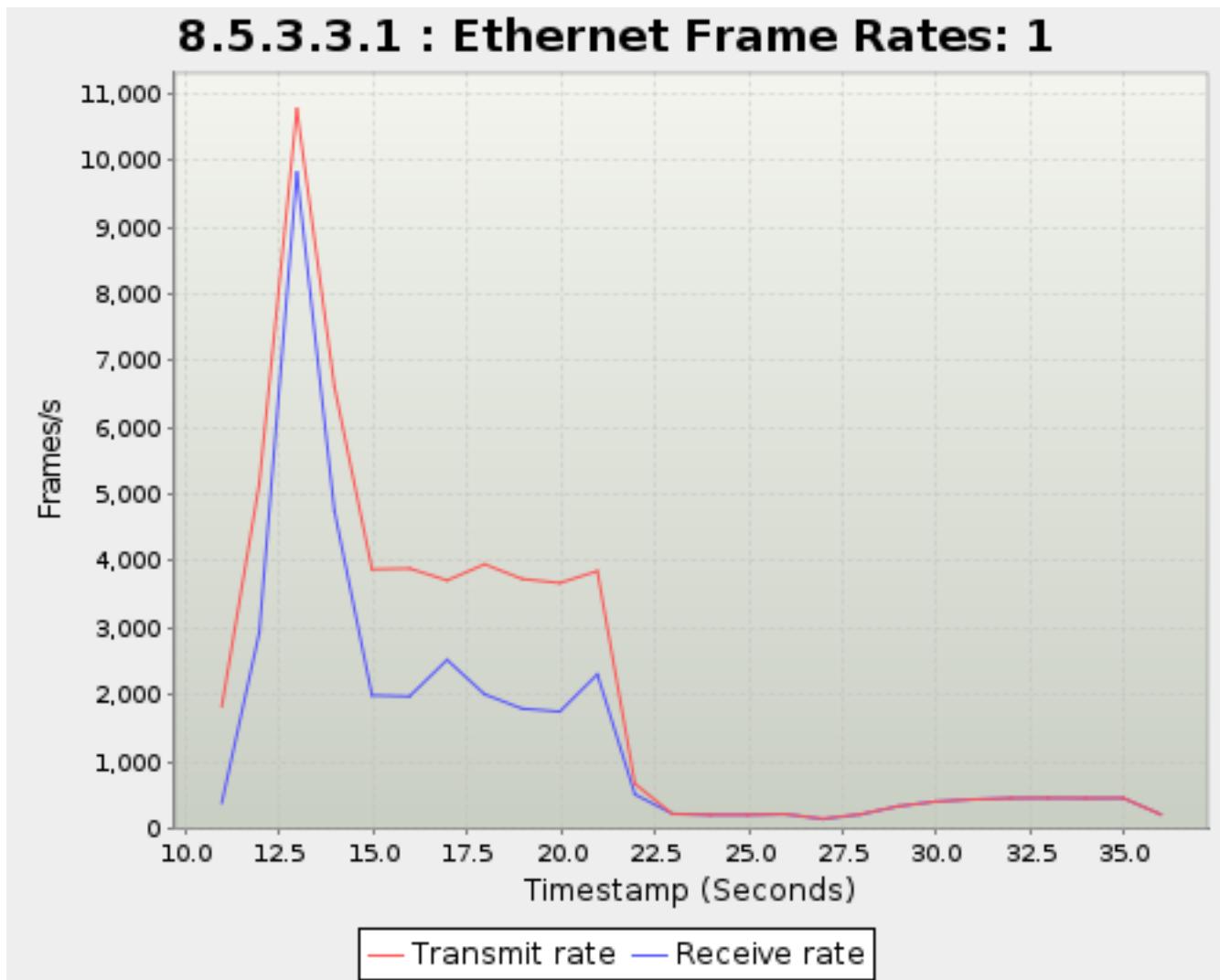
8.5.3.3 : Ethernet Frame Rates



Timestamp	Transmit rate	Receive rate
Seconds		Frames/s
9.970	0.00	0.00
10.970	2,205	2,205
11.970	8,099	8,099
12.970	~20590	~20590
13.970	~11370	~11370
14.970	5,873	5,873
15.970	5,870	5,870
16.970	~6238	~6238
17.970	5,963	5,963
18.970	5,528	5,528
19.970	5,425	5,425
20.970	6,159	6,159
21.970	1,178	1,178
22.970	436	436
23.970	408	408
24.980	~407	~407
25.970	429.2	429.2
26.970	288	288
27.970	422	422
28.970	662	662
29.970	804	804
30.970	870	870
31.970	906	906
32.970	912	912

Timestamp	Transmit rate	Receive rate
Seconds	Frames/s	
33.970	906	906
34.970	910	910
35.970	419	419
36.630	0.00	0.00

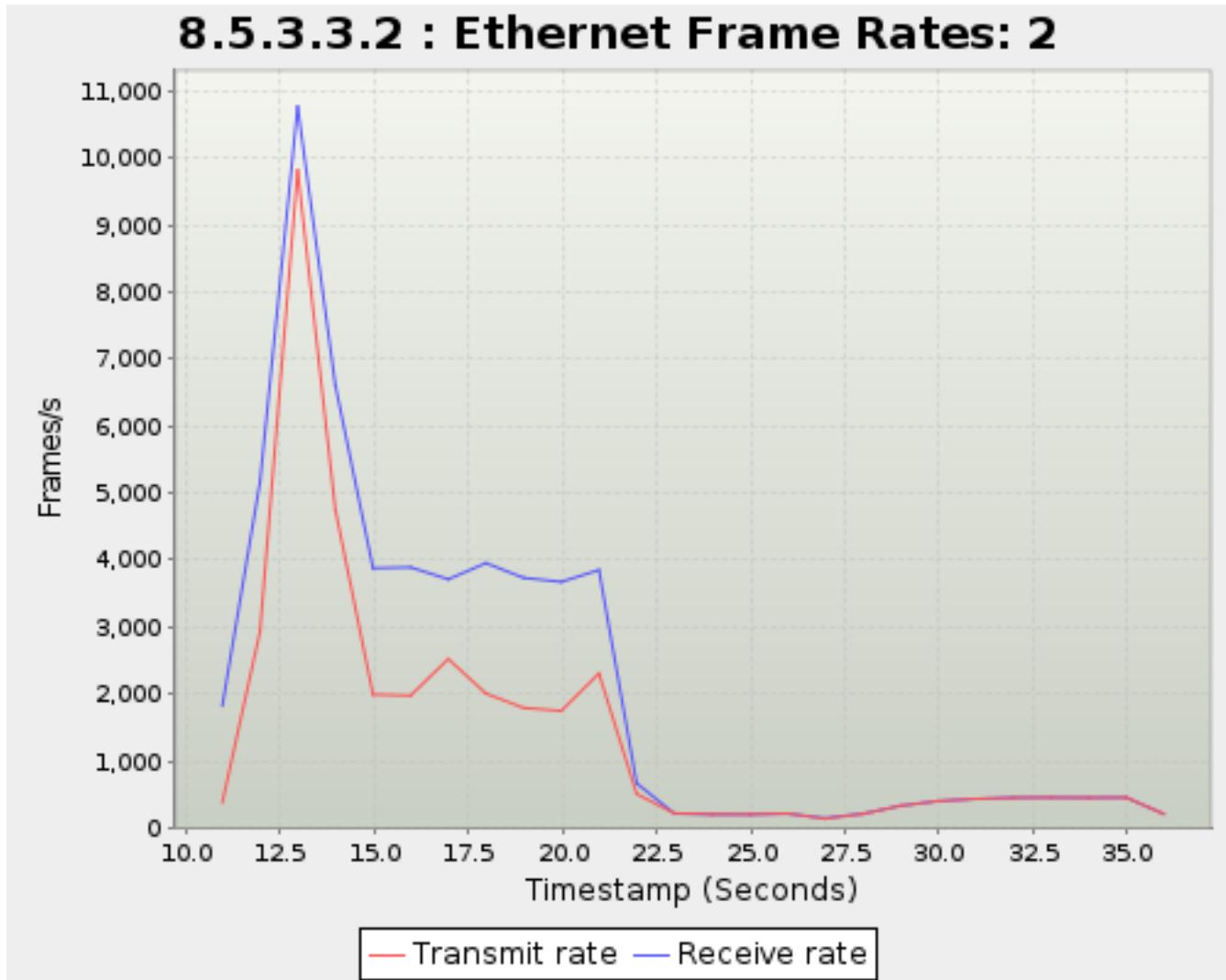
8.5.3.3.1. Ethernet Frame Rates: 1



Timestamp Seconds	Transmit rate Frames/s	Receive rate Frames/s
9.970	0.00	0.00
10.970	1,824	381
11.970	5,166	2,933
12.970	~10770	9,819
13.970	6,614	4,755
14.970	3,880	1,993
15.970	3,892	1,978
16.970	~3714	~2524
17.970	3,955	2,008
18.970	3,735	1,793
19.970	3,675	1,750
20.970	3,852	2,307
21.970	669	509
22.970	216	220
23.970	204	204
24.970	204	204
25.970	214	214
26.970	148	140
27.970	213	209
28.970	331	331
29.970	402	402
30.970	435	435
31.970	453	453
32.970	456	456

Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
33.970	453	453
34.970	456	454
35.970	209	210
36.630	0.00	0.00

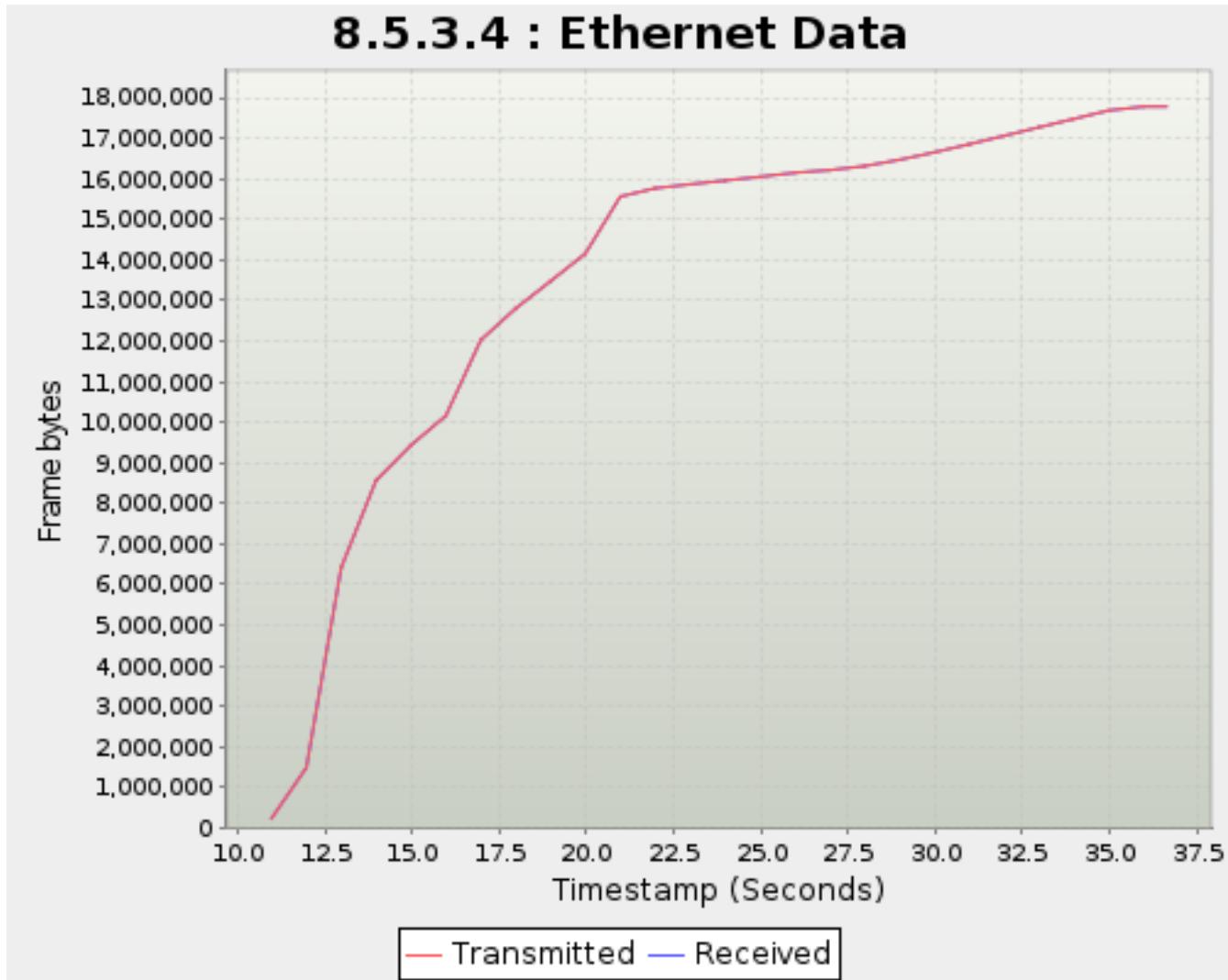
8.5.3.3.2. Ethernet Frame Rates: 2



Timestamp Seconds	Transmit rate Frames/s	Receive rate Frames/s
9.970	0.00	0.00
10.970	381	1,824
11.970	2,933	5,166
12.970	9,820	~10770
13.970	4,754	6,614
14.970	1,993	3,880
15.970	1,978	3,892
16.970	~2524	~3714
17.970	2,008	3,955
18.970	1,793	3,735
19.970	1,750	3,675
20.970	2,307	3,852
21.970	509	669
22.970	220	216
23.970	204	204
24.980	~203	~203
25.970	215.2	215.2
26.970	140	148
27.970	209	213
28.970	331	331
29.970	402	402
30.970	435	435
31.970	453	453
32.970	456	456

Timestamp <i>Seconds</i>	Transmit rate	Receive rate <i>Frames/s</i>
33.970	453	453
34.970	454	456
35.970	210	209
36.630	0.00	0.00

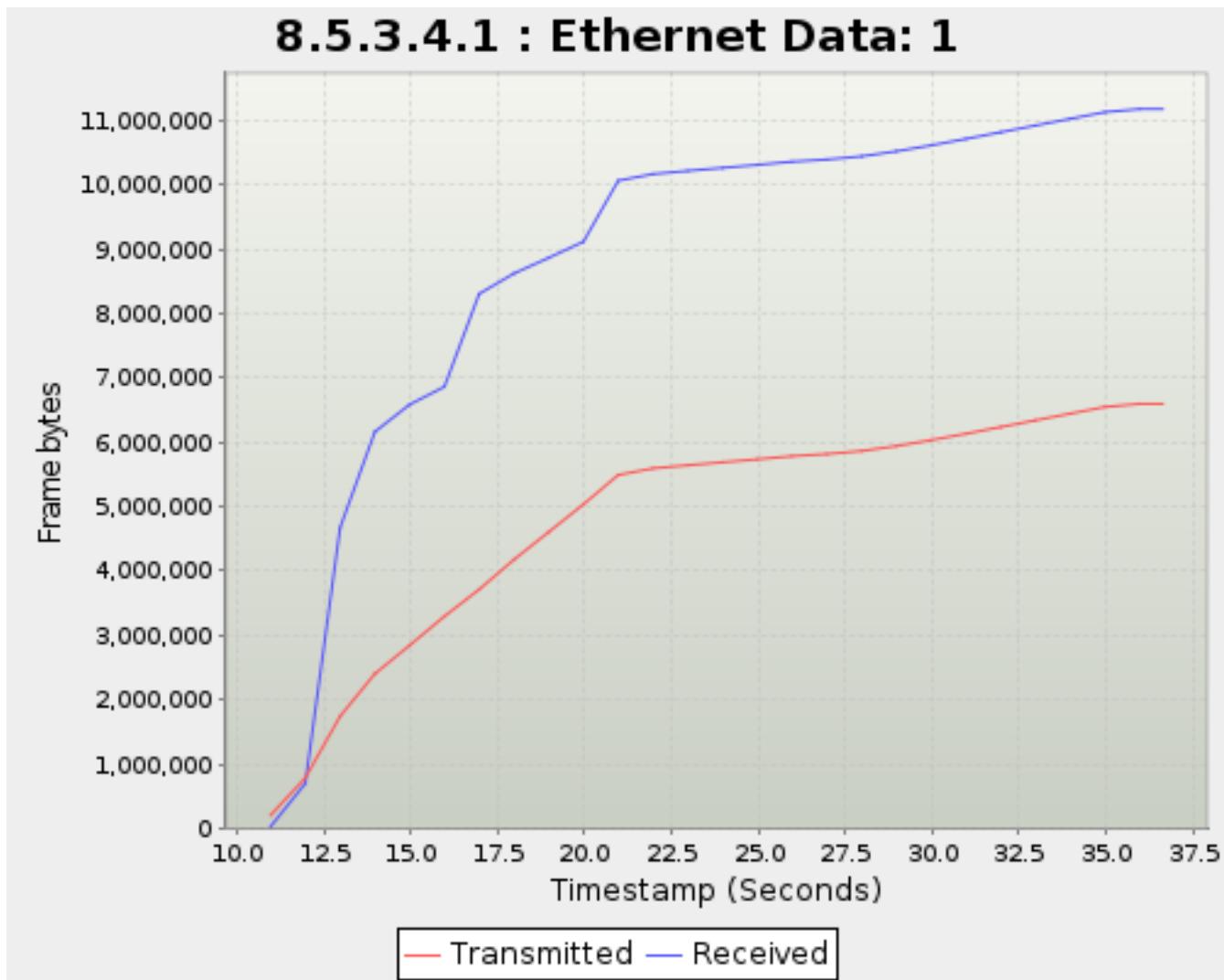
8.5.3.4. Ethernet Data



Timestamp	Transmitted		Received
	Seconds	Frame bytes	Frame bytes
9.970		0	0
10.970		234,646	234,646 100.000%
11.970		1,487,387	1,487,387 100.000%
12.970		6,418,602	6,418,246 99.994%
13.970		8,567,176	8,567,176 100.000%
14.970		9,433,141	9,433,141 100.000%
15.970		10,160,253	10,160,253 100.000%
16.970		12,022,096	12,022,096 100.000%
17.970		12,801,544	12,801,544 100.000%
18.970		13,474,418	13,474,418 100.000%
19.970		14,155,305	14,155,305 100.000%
20.970		15,559,696	15,559,696 100.000%
21.970		15,764,950	15,764,950 100.000%
22.970		15,862,614	15,862,614 100.000%
23.970		15,955,646	15,955,646 100.000%
24.980		16,048,908	16,048,908 100.000%
25.970		16,147,552	16,147,552 100.000%
26.970		16,213,482	16,213,482 100.000%
27.970		16,310,669	16,310,669 100.000%
28.970		16,465,236	16,465,236 100.000%
29.970		16,649,734	16,649,734 100.000%
30.970		16,849,619	16,849,619 100.000%
31.970		17,057,366	17,057,366 100.000%
32.970		17,265,860	17,265,860 100.000%

Timestamp	Transmitted	Received
Seconds	Frame bytes	
33.970	17,473,607	17,473,607 100.000%
34.970	17,681,859	17,681,859 100.000%
35.970	17,777,909	17,777,909 100.000%
36.630	17,777,909	17,777,909 100.000%

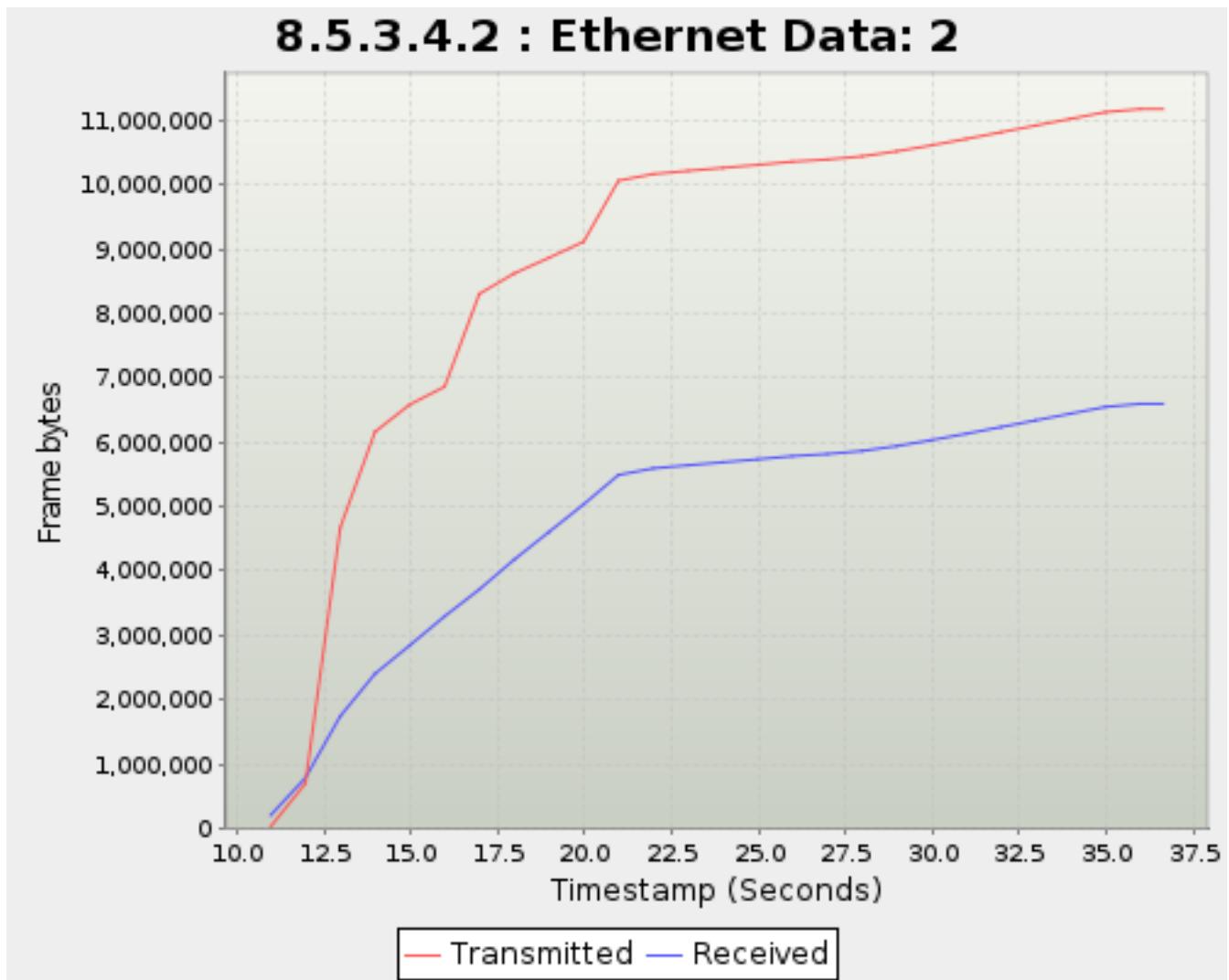
8.5.3.4.1. Ethernet Data: 1



Timestamp	Transmitted		Received
	Seconds	Frame bytes	Frame bytes
9.970	0	0	0
10.970	205,704	28,942	14.070%
11.970	786,822	700,565	89.037%
12.970	1,743,712	4,674,534	268.079%
13.970	2,403,739	6,163,437	256.410%
14.970	2,845,368	6,587,773	231.526%
15.970	3,296,044	6,864,209	208.256%
16.970	3,714,456	8,307,640	223.657%
17.970	4,177,154	8,624,390	206.466%
18.970	4,606,460	8,867,958	192.511%
19.970	5,036,830	9,118,475	181.036%
20.970	5,493,253	10,066,443	183.251%
21.970	5,595,390	10,169,560	181.749%
22.970	5,643,702	10,218,912	181.068%
23.970	5,690,214	10,265,432	180.405%
24.970	5,736,726	10,311,952	179.753%
25.970	5,785,726	10,361,826	179.093%
26.970	5,818,251	10,395,231	178.666%
27.970	5,866,190	10,444,479	178.045%
28.970	5,942,172	10,523,064	177.091%
29.970	6,034,428	10,615,306	175.912%
30.970	6,133,953	10,715,666	174.694%
31.970	6,237,837	10,819,529	173.450%
32.970	6,342,105	10,923,755	172.242%

Timestamp	Transmitted	Received
Seconds	Frame bytes	
33.970	6,445,989	11,027,618 171.077%
34.970	6,550,257	11,131,602 169.941%
35.970	6,598,225	11,179,684 169.435%
36.630	6,598,225	11,179,684 169.435%

8.5.3.4.2. Ethernet Data: 2

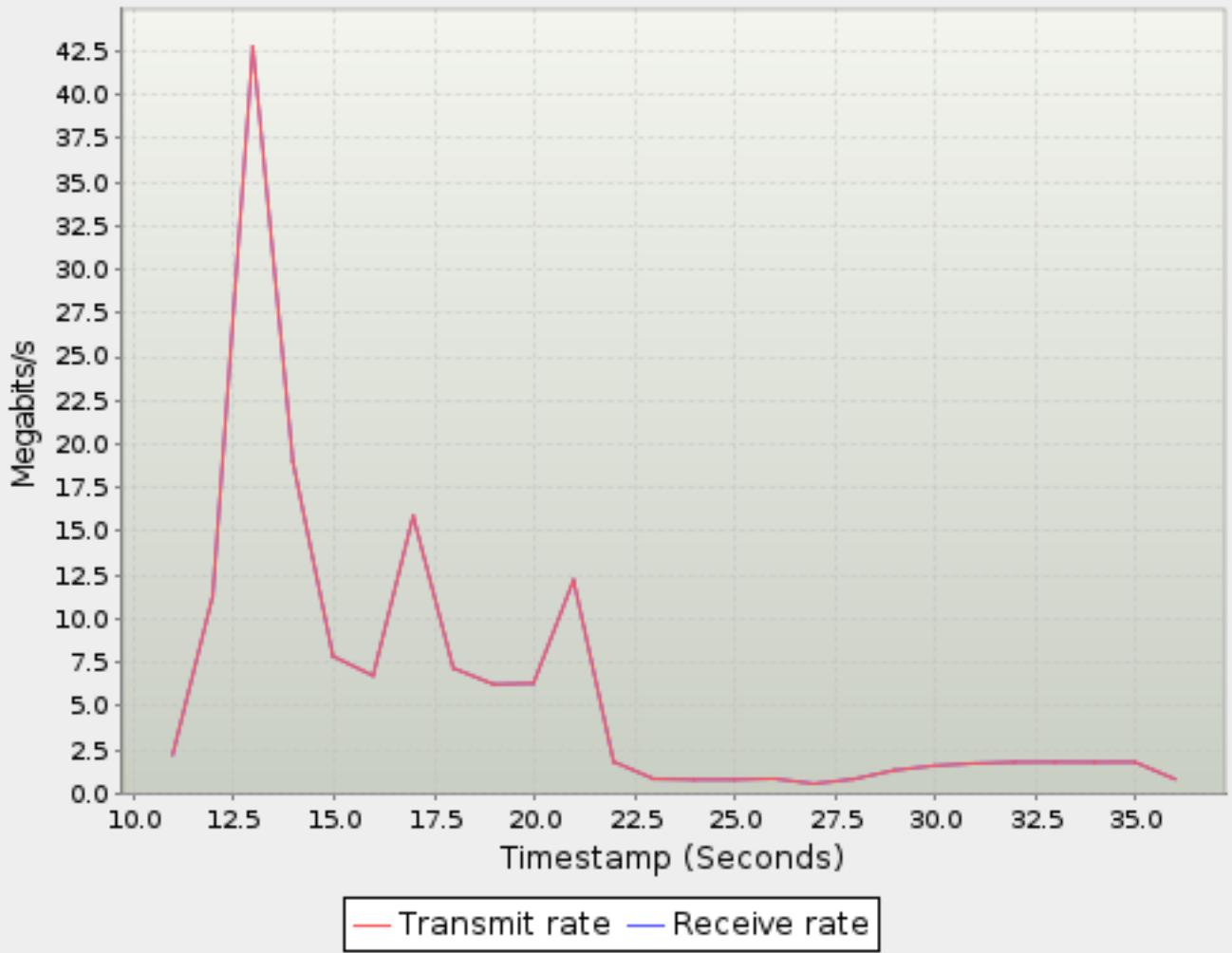


Timestamp	Transmitted		Received
	Seconds	Frame bytes	Frame bytes
9.970		0	0
10.970		28,942	205,704 710.746%
11.970		700,565	786,822 112.312%
12.970		4,674,890	1,743,712 37.300%
13.970		6,163,437	2,403,739 39.000%
14.970		6,587,773	2,845,368 43.192%
15.970		6,864,209	3,296,044 48.018%
16.970		8,307,640	3,714,456 44.711%
17.970		8,624,390	4,177,154 48.434%
18.970		8,867,958	4,606,460 51.945%
19.970		9,118,475	5,036,830 55.238%
20.970		10,066,443	5,493,253 54.570%
21.970		10,169,560	5,595,390 55.021%
22.970		10,218,912	5,643,702 55.228%
23.970		10,265,432	5,690,214 55.431%
24.980		10,312,182	5,736,956 55.633%
25.970		10,361,826	5,785,726 55.837%
26.970		10,395,231	5,818,251 55.970%
27.970		10,444,479	5,866,190 56.165%
28.970		10,523,064	5,942,172 56.468%
29.970		10,615,306	6,034,428 56.846%
30.970		10,715,666	6,133,953 57.243%
31.970		10,819,529	6,237,837 57.653%
32.970		10,923,755	6,342,105 58.058%

Timestamp	Transmitted	Received
Seconds	Frame bytes	
33.970	11,027,618	6,445,989 58.453%
34.970	11,131,602	6,550,257 58.844%
35.970	11,179,684	6,598,225 59.020%
36.630	11,179,684	6,598,225 59.020%

8.5.3.5. Ethernet Data Rates

8.5.3.5 : Ethernet Data Rates



Data Rate shown includes Ethernet overhead.

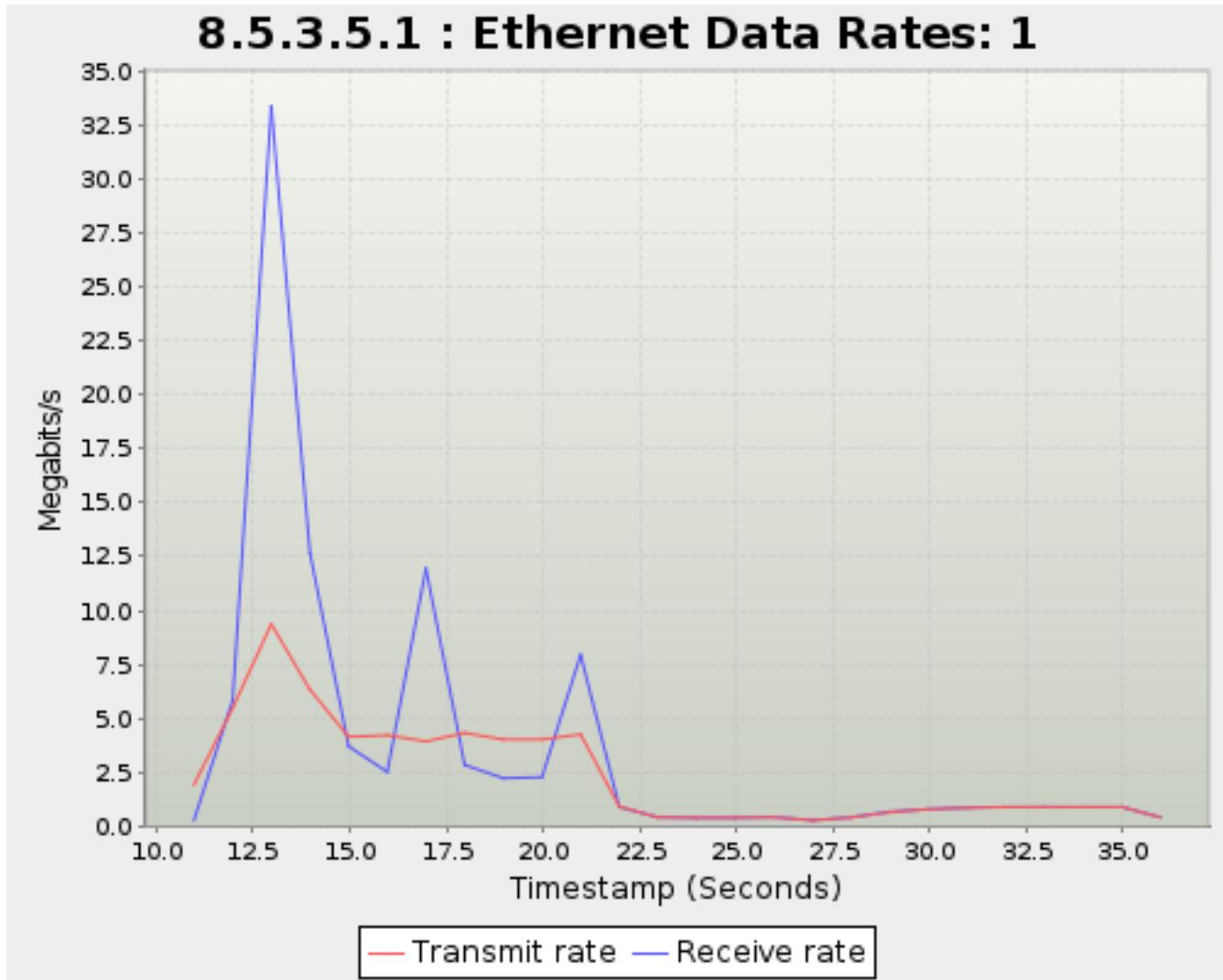
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate Megabits/s	Receive rate Megabits/s
9.970	0.00	0.00
10.970	2.230	2.230
11.970	11.32	11.32
12.970	42.74	42.74
13.970	19.01	19.01
14.970	7.867	7.867
15.970	6.756	6.756
16.970	15.89	15.89
17.970	7.190	7.190
18.970	6.267	6.267
19.970	6.315	6.315
20.970	12.22	12.22
21.970	1.831	1.831
22.970	0.8511	0.8511
23.970	0.8095	0.8095
24.980	0.8075	0.8075
25.970	0.8618	0.8618
26.970	0.5735	0.5735
27.970	0.8450	0.8450

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
28.970		1.342	1.342
29.970		1.605	1.605
30.970		1.738	1.738
31.970		1.807	1.807
32.970		1.814	1.814
33.970		1.807	1.807
34.970		1.812	1.812
35.970		0.8354	0.8354
36.630		0.00	0.00

8.5.3.5.1. Ethernet Data Rates: 1



Data Rate shown includes Ethernet overhead.

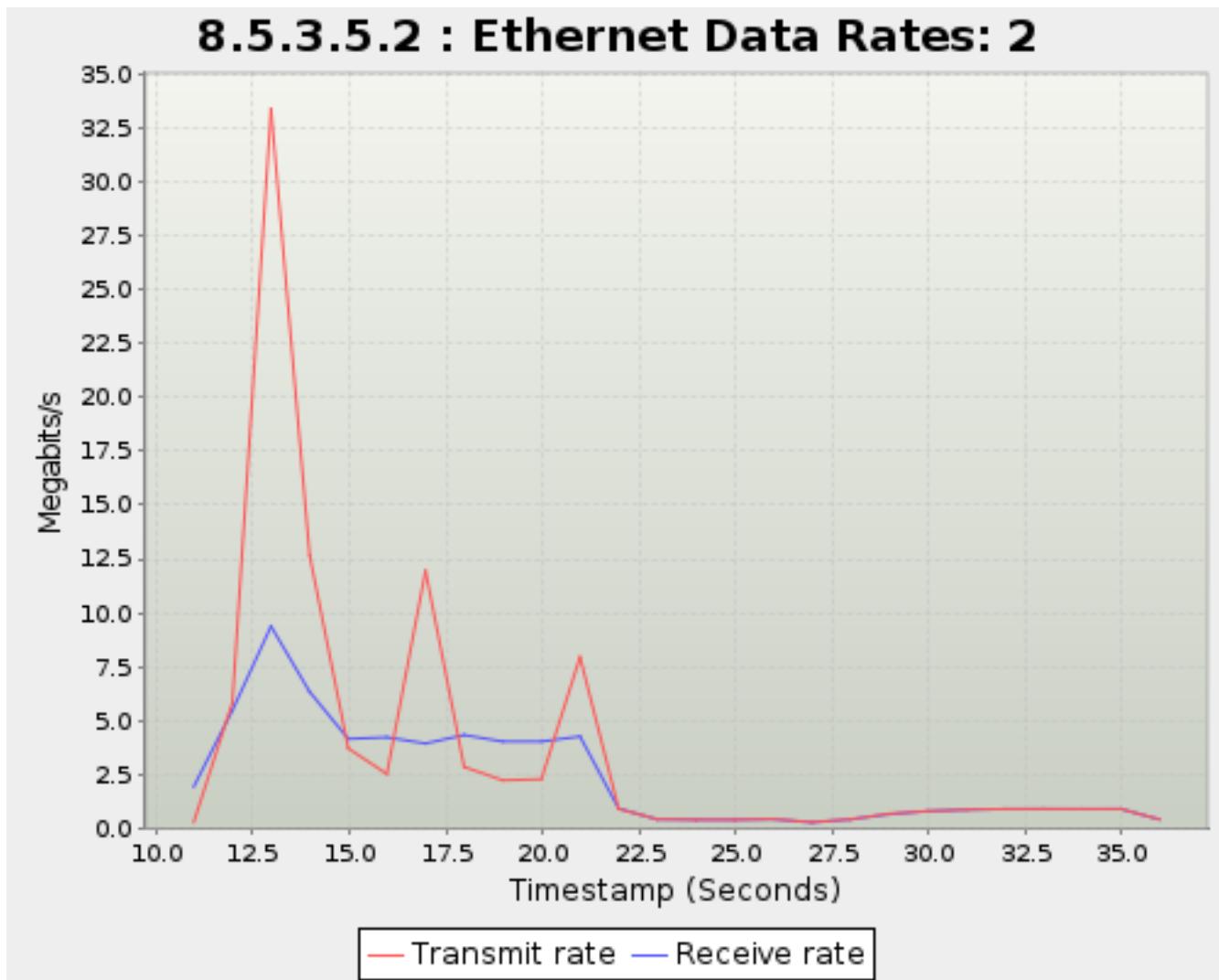
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate	Receive rate
9.970	0.00	0.00
10.970	1.937	0.2925
11.970	5.476	5.842
12.970	9.378	33.36
13.970	6.338	12.67
14.970	4.154	3.714
15.970	4.228	2.528
16.970	3.942	11.95
17.970	4.334	2.855
18.970	4.032	2.235
19.970	4.031	2.284
20.970	4.268	7.953
21.970	0.9241	0.9064
22.970	0.4211	0.4300
23.970	0.4047	0.4048
24.970	0.4047	0.4048
25.970	0.4262	0.4332
26.970	0.2839	0.2896
27.970	0.4176	0.4274

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
28.970		0.6608	0.6816
29.970		0.8024	0.8023
30.970		0.8658	0.8725
31.970		0.9036	0.9034
32.970		0.9071	0.9068
33.970		0.9036	0.9034
34.970		0.9071	0.9045
35.970		0.4172	0.4183
36.630		0.00	0.00

8.5.3.5.2. Ethernet Data Rates: 2



Data Rate shown includes Ethernet overhead.

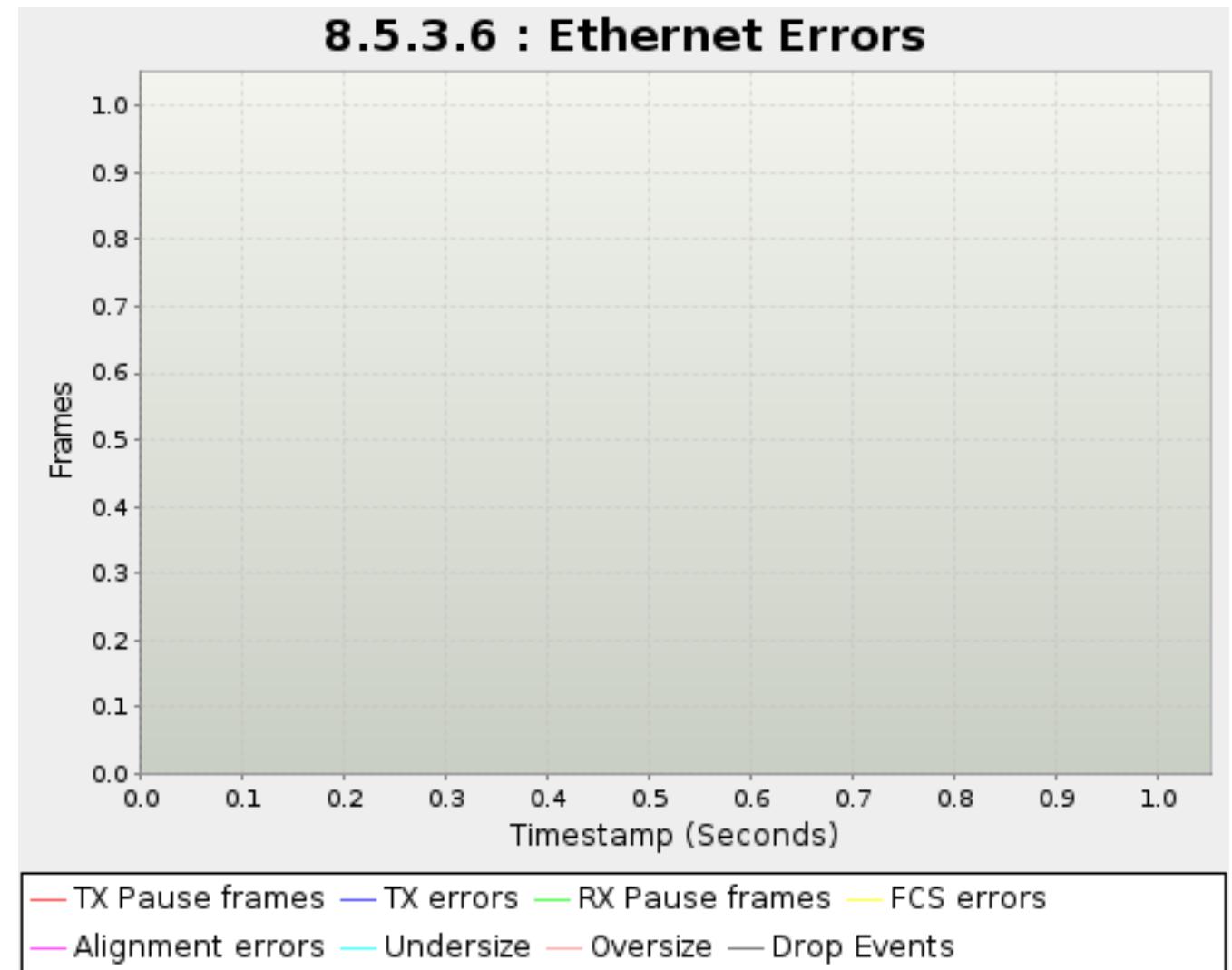
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate Megabits/s	Receive rate Megabits/s
9.970	0.00	0.00
10.970	0.2925	1.937
11.970	5.842	5.476
12.970	33.37	9.378
13.970	12.67	6.338
14.970	3.714	4.154
15.970	2.528	4.228
16.970	11.95	3.942
17.970	2.855	4.334
18.970	2.235	4.032
19.970	2.284	4.031
20.970	7.953	4.268
21.970	0.9064	0.9241
22.970	0.4300	0.4211
23.970	0.4048	0.4047
24.980	0.4028	0.4027
25.970	0.4356	0.4285
26.970	0.2896	0.2839
27.970	0.4274	0.4176

Timestamp	<i>Seconds</i>	Transmit rate	Receive rate
		<i>Megabits/s</i>	
28.970		0.6816	0.6608
29.970		0.8023	0.8024
30.970		0.8725	0.8658
31.970		0.9034	0.9036
32.970		0.9068	0.9071
33.970		0.9034	0.9036
34.970		0.9045	0.9071
35.970		0.4183	0.4172
36.630		0.00	0.00

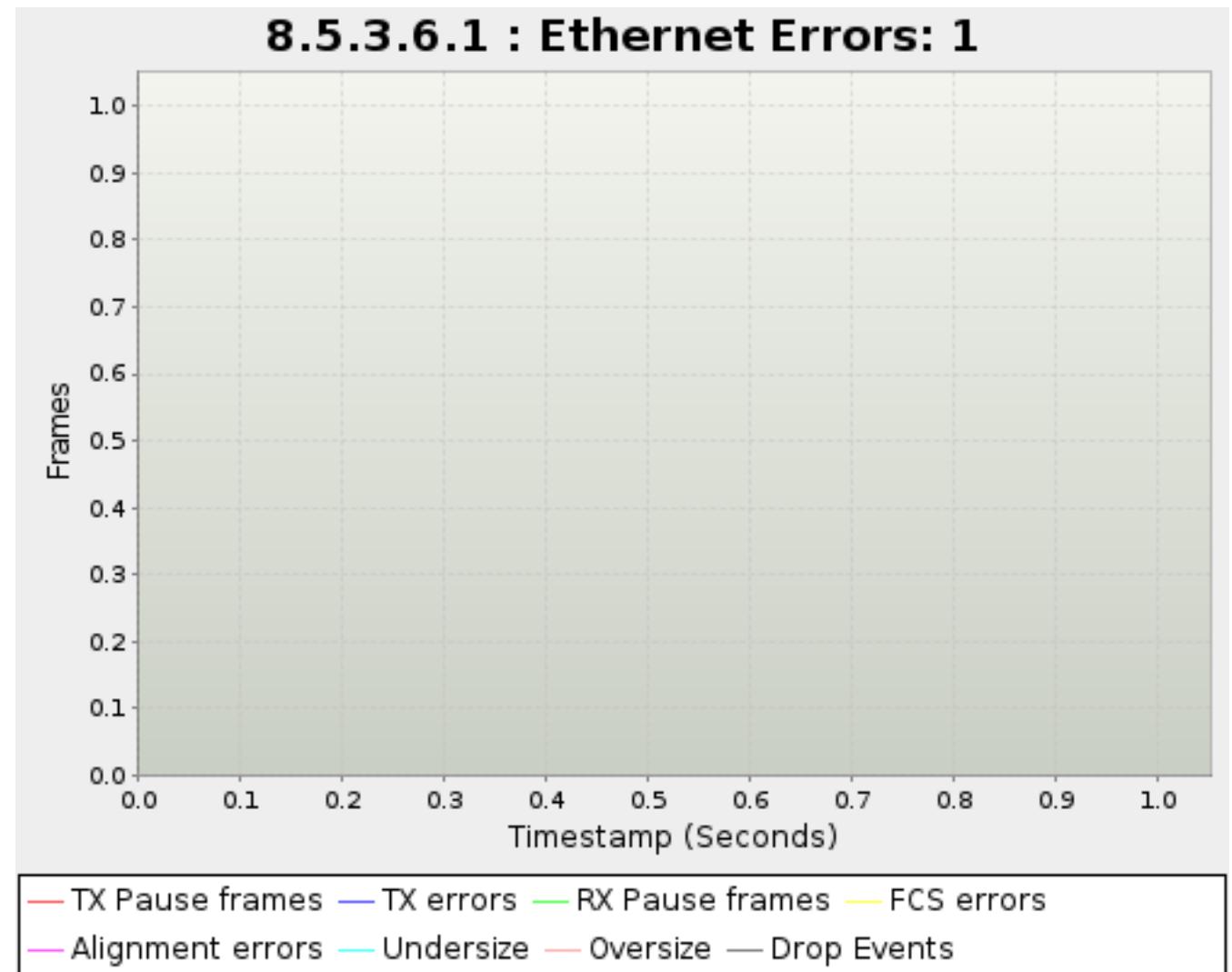
8.5.3.6. Ethernet Errors



Test Results for simple_appsim

707

8.5.3.6.1. Ethernet Errors: 1



Test Results for simple_appsim

709

8.5.3.6.2. Ethernet Errors: 2

