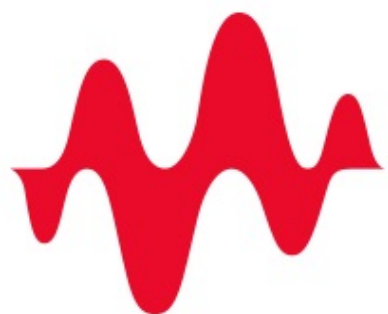




KEYSIGHT
TECHNOLOGIES

IxNetwork Report

Test: RFC2544 - Throughput/Latency

Test Date: 12/13/2022 17:25:00

www.ixiacom.com
www.ixiacom.com/support

Table of Contents

1.	Cover	1
2.	Info	3
3.	Port Map	4
4.	Aggregate Graphs	5
5.	IterationCharts	13
6.	Aggregated Results	19
7.	Aggregated Results Per Iteration	20
8.	Per Flow Results	25
9.	Iteration Data	27
10.	Theoretical Max Rates	36

RFC2544 - Throughput/Latency - Info**Test Information****Product Information**

Product Label :	IES5110-24FMS
Product Version :	v2.440b211217
Serial Number :	Your switch/router serial number
Comments :	here

Test Settings

Date Executed :	12/13/2022
Time Executed :	17:25:00
User Name :	admin
Number of Trials Executed :	1
Stream Duration (sec) :	20
Calculate Lantency :	True
Lantency Type :	Store and Forward

Output Parameters

Number of Trials Passed :	N/A
Test Duration (sec) :	00:35:11

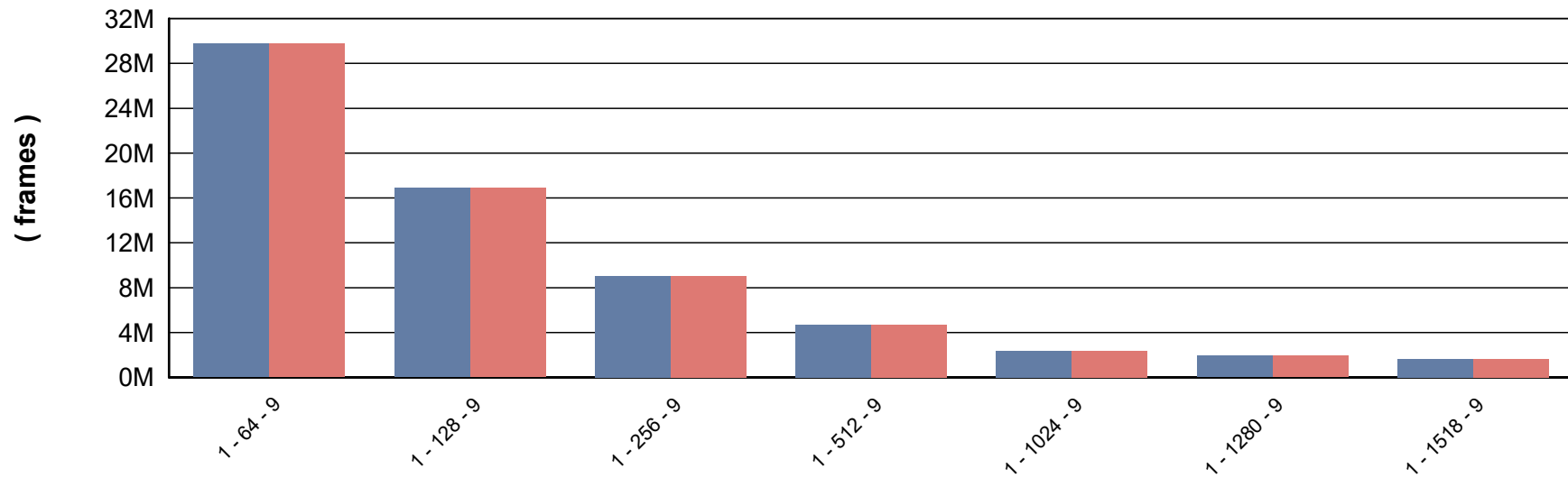
RFC2544 - Throughput/Latency - Port Map Information

Port Map :	Tx Port	Tx Speed (Mbps)	Rx Port	Rx Speed (Mbps)
	10.36.5.200;03;05	1000	10.36.5.200;03;06	1000

RFC2544 - Throughput/Latency - Aggregated Graph

Total Frames Transmitted and Received

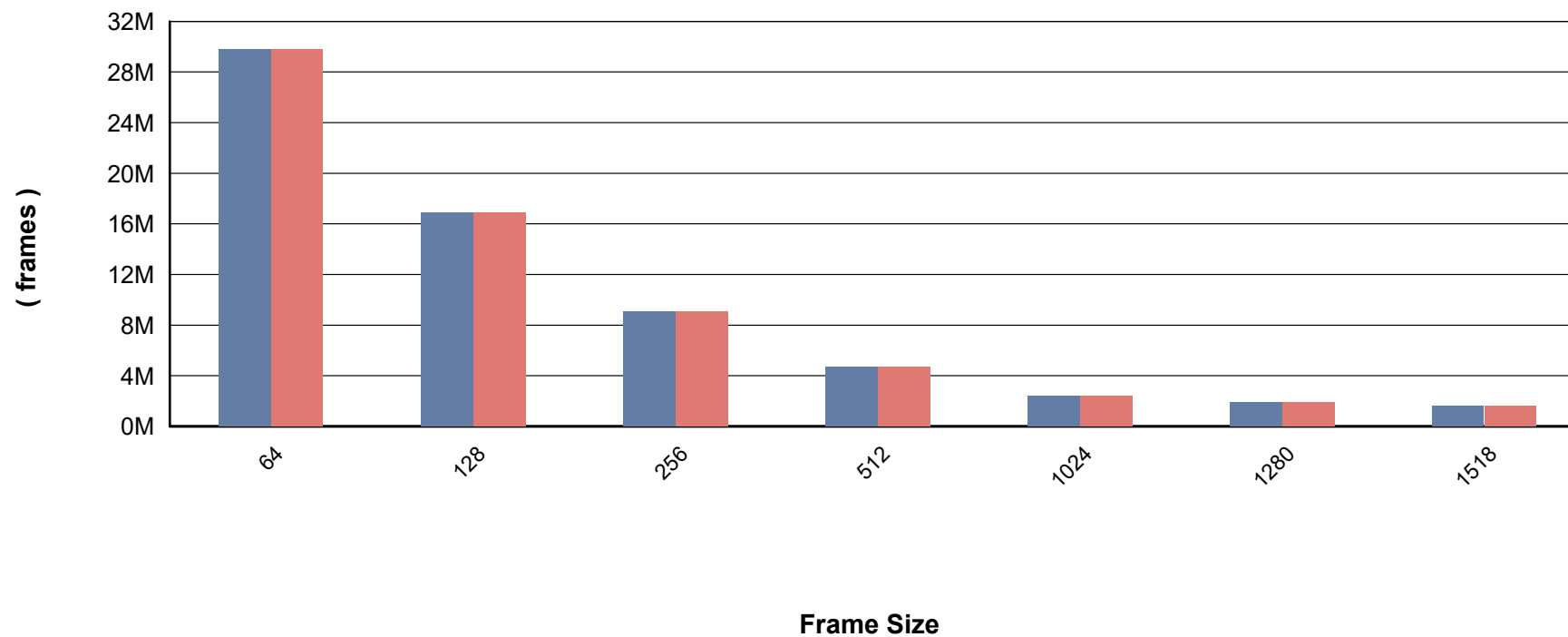
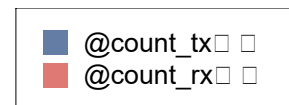
@frames_tx □
@frames_rx □

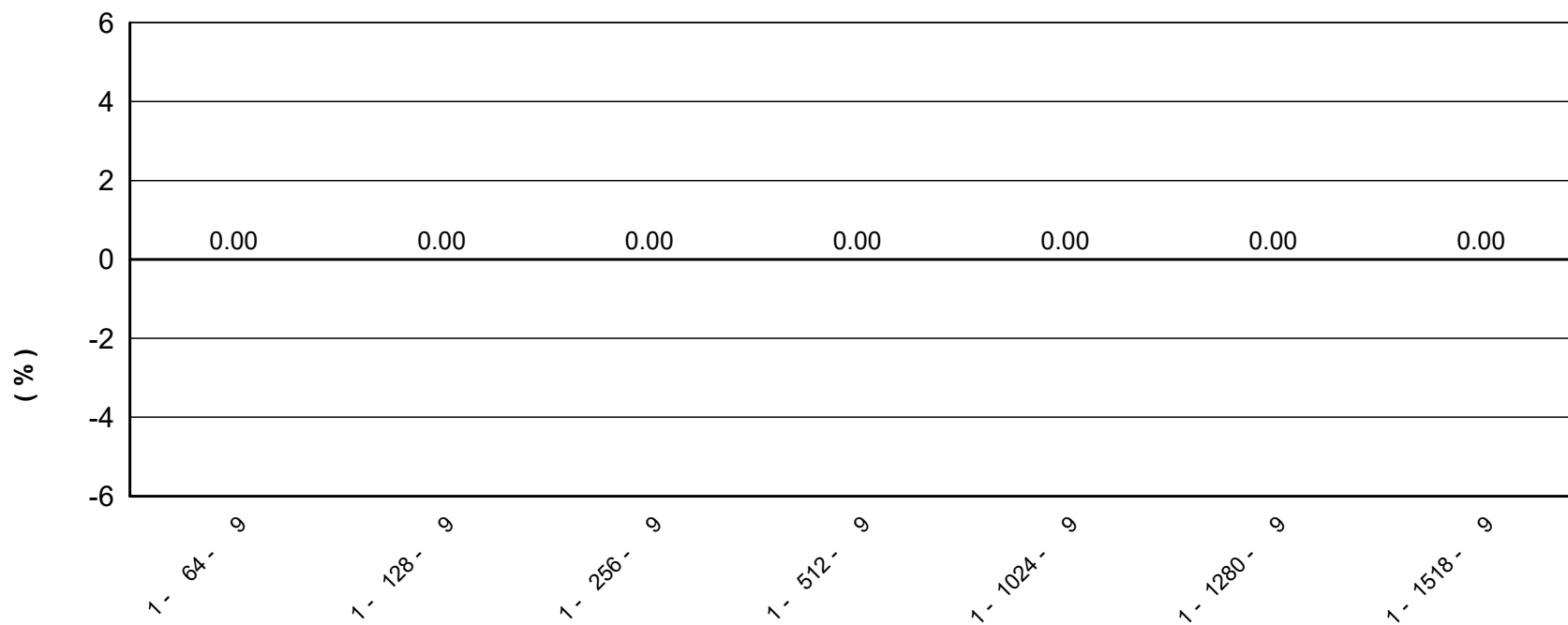


Trial - Framesize - Iteration

RFC2544 - Throughput/Latency - Aggregated Graph

Tx / Rx Frames per Frame Size

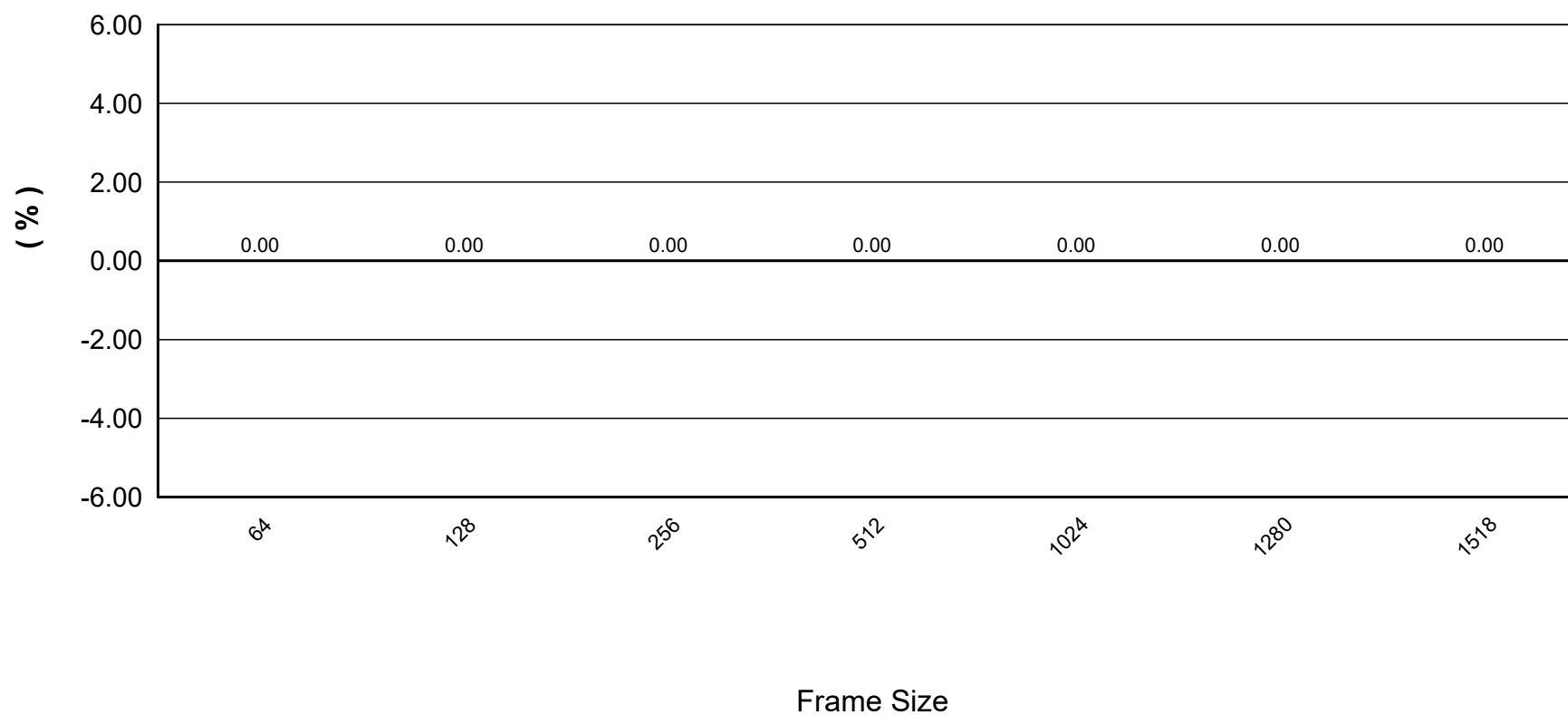


RFC2544 - Throughput/Latency - Aggregated Graph**Aggregated Frame Loss**

Trial - Framesize - Iteration

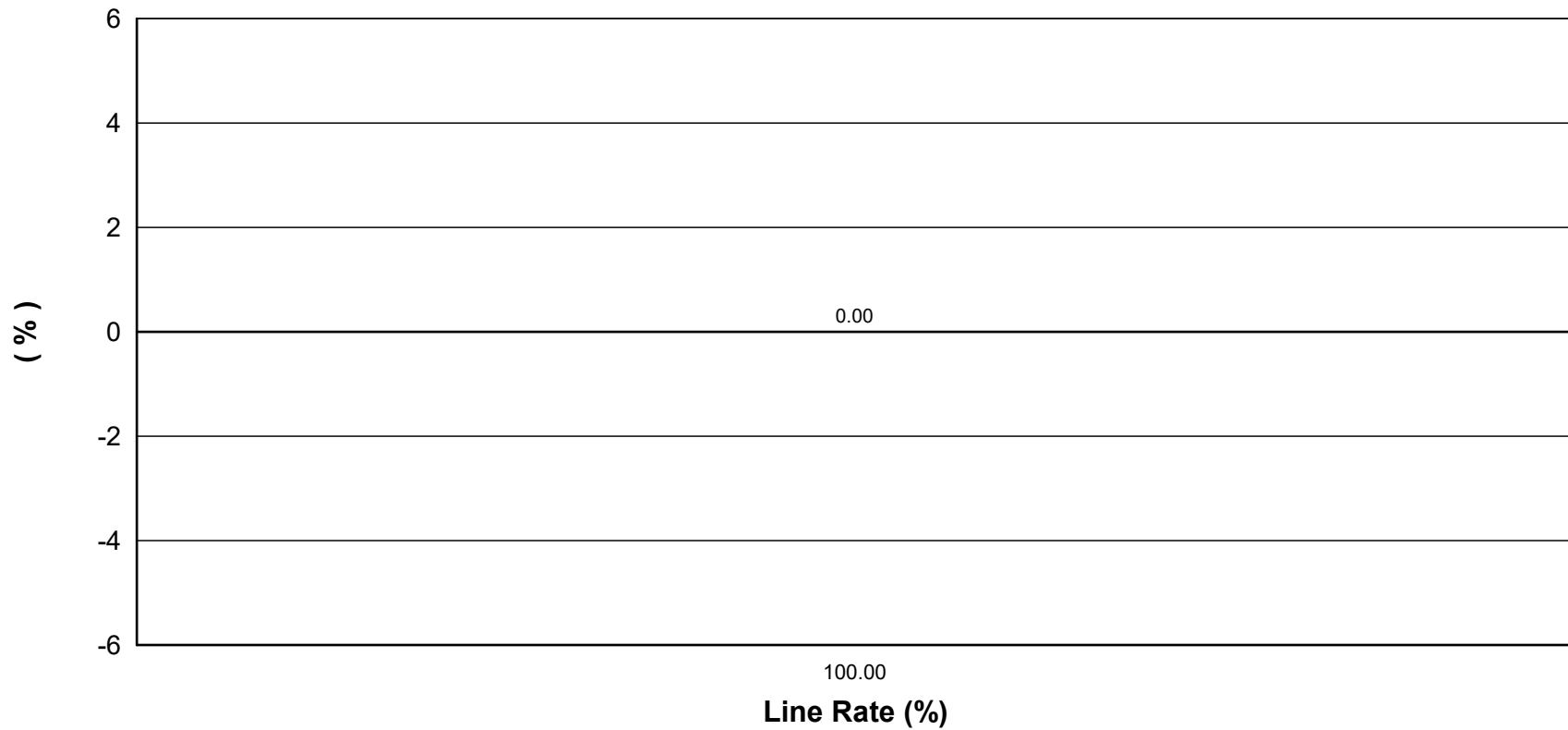
RFC2544 - Throughput/Latency - Aggregated Graph

Aggregated Frame Loss per Frame Size



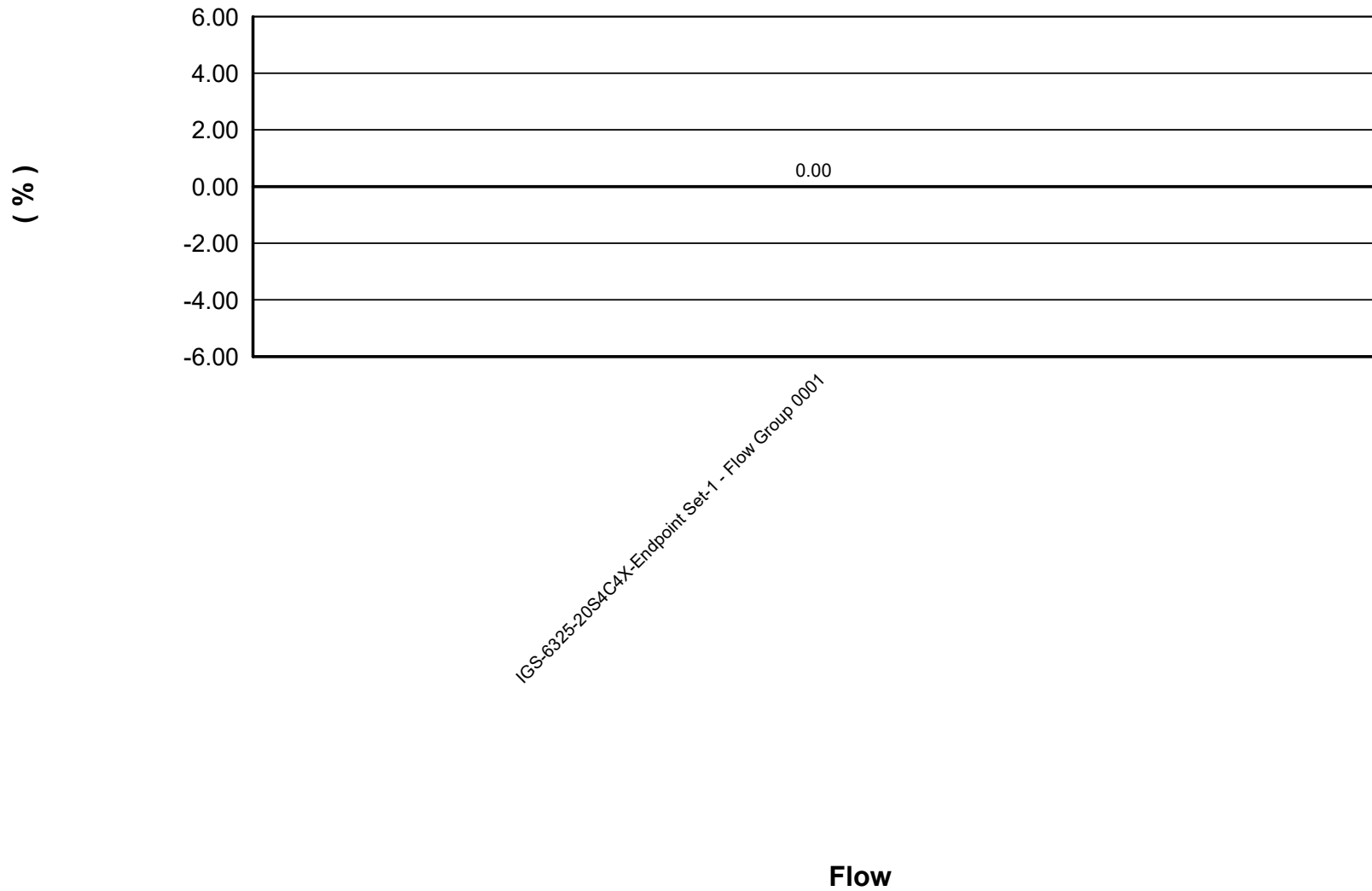
RFC2544 - Throughput/Latency - Aggregated Graph

Aggregated Frame Loss per Line Rate

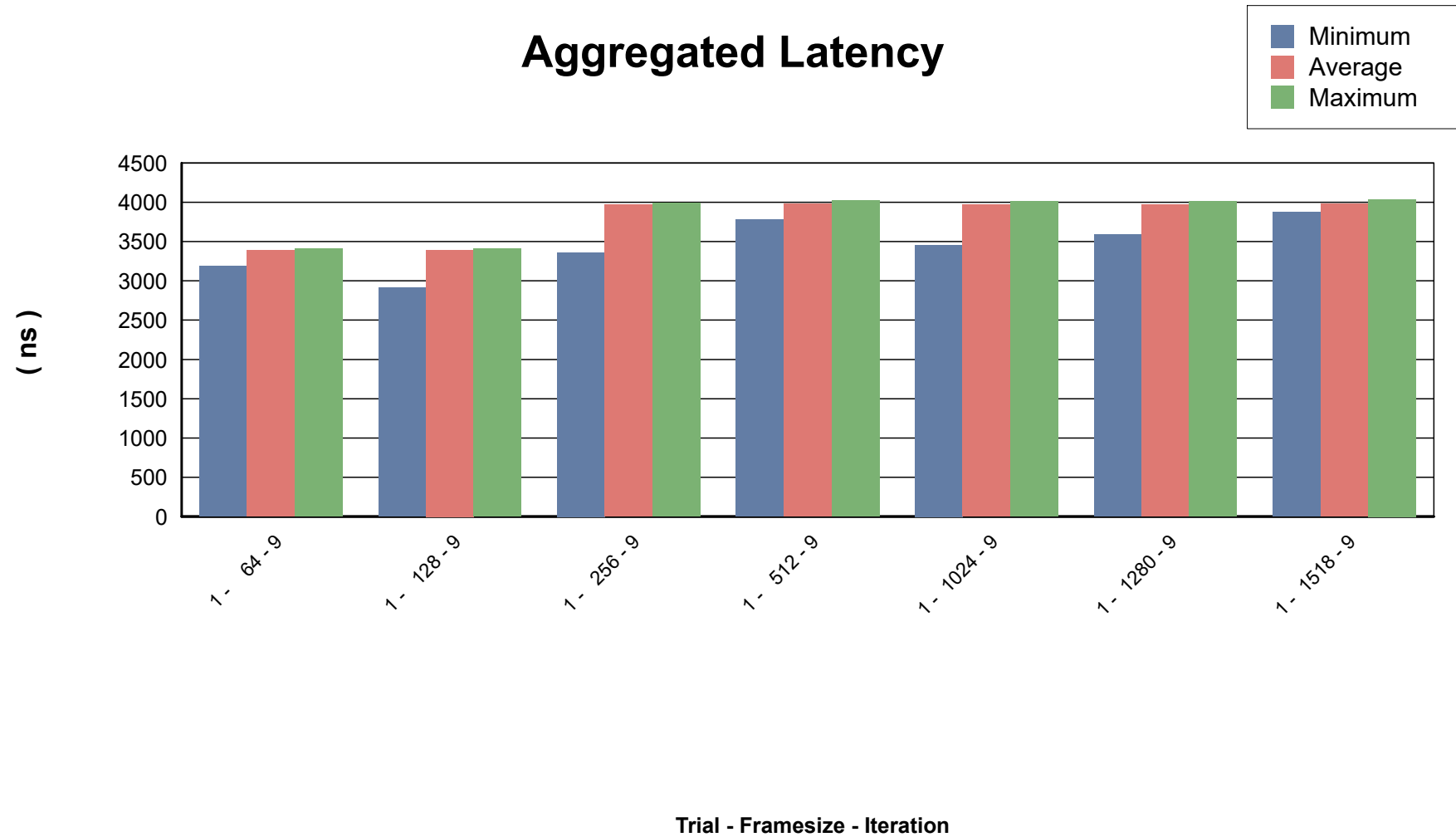


RFC2544 - Throughput/Latency - Per Flow Graph

Average Frame Loss per Flow



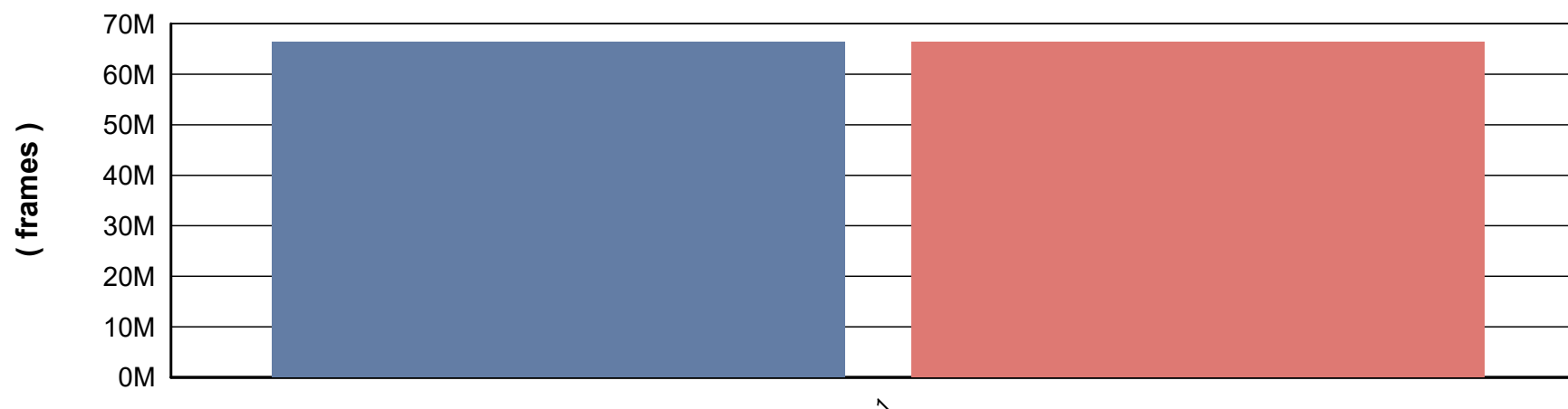
RFC2544 - Throughput/Latency - Aggregated Graph



RFC2544 - Throughput/Latency - Per Flow Graph

Tx / Rx Frame Count

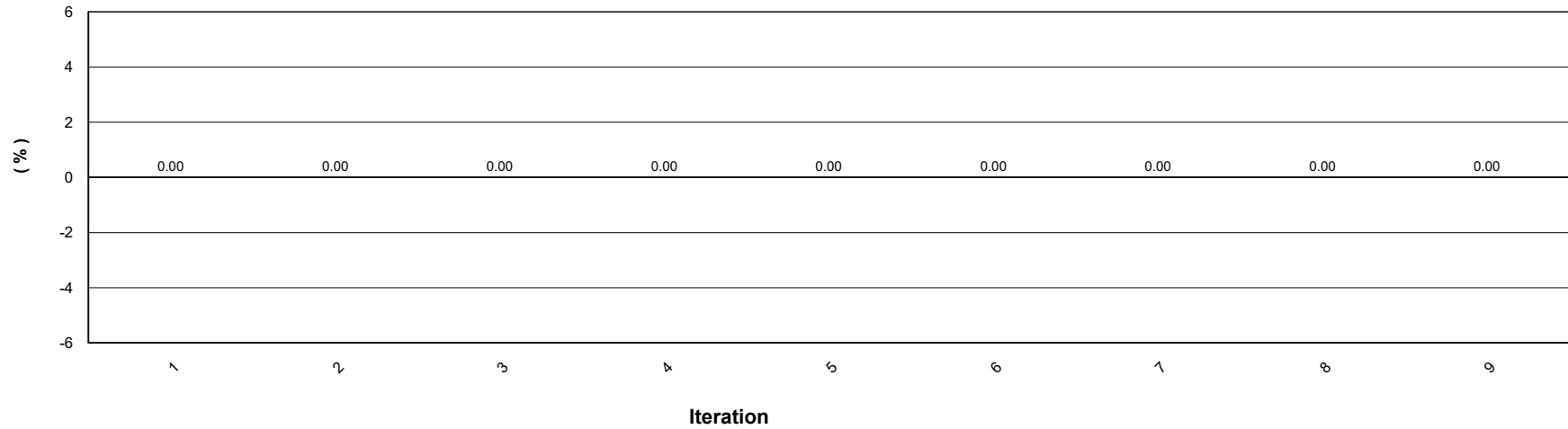
■ @count_tx □ □
■ @count_rx □ □



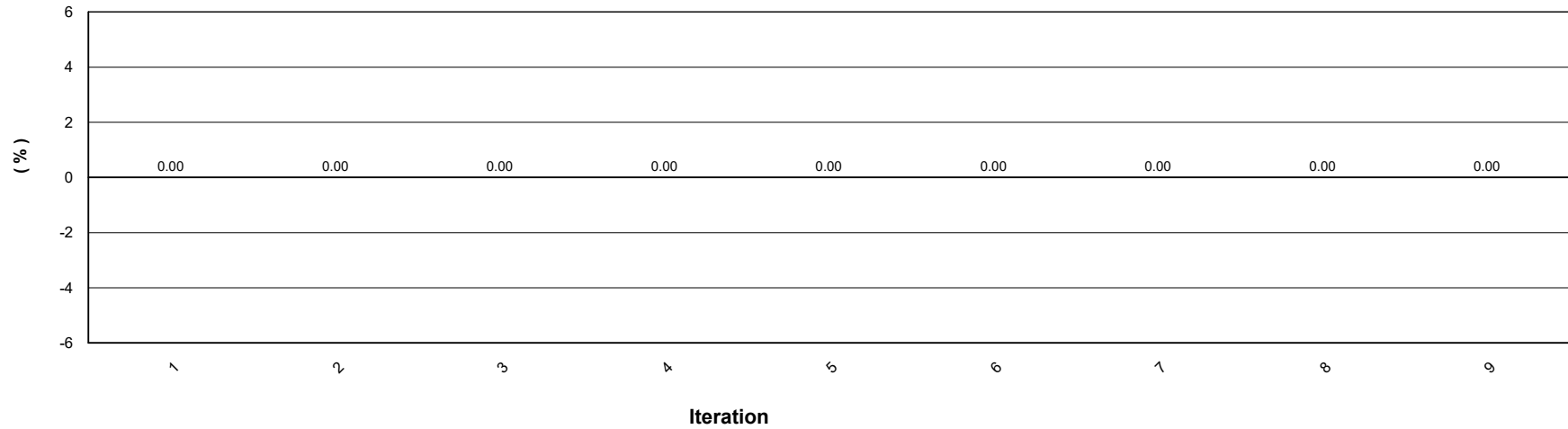
Trial

RFC2544 - Throughput/Latency - Iteration Graph

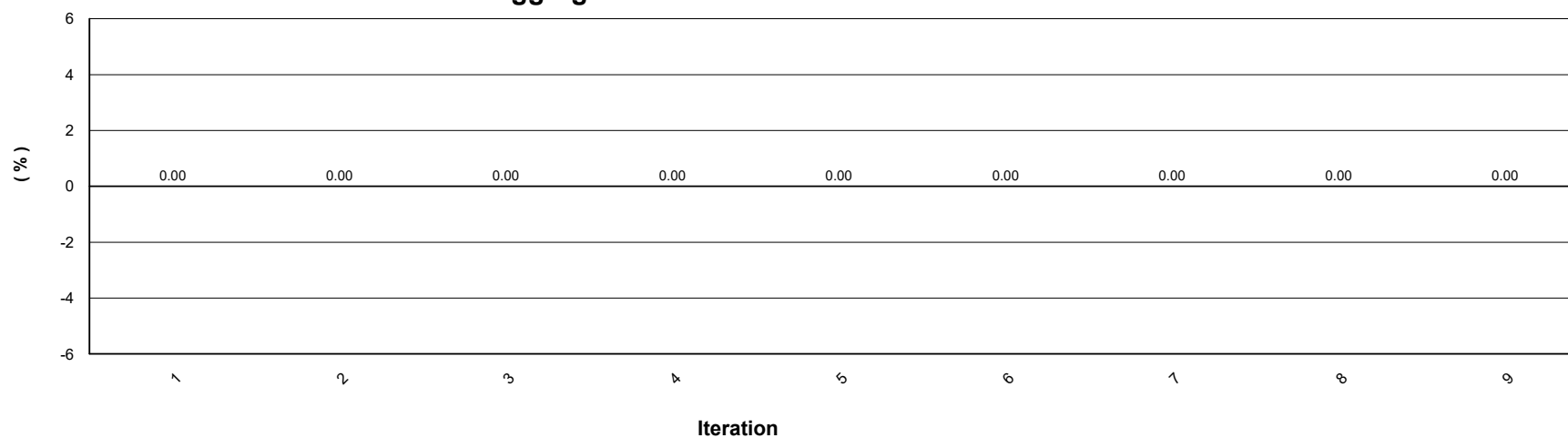
Aggregated Frame Loss for Trial 1 and Framesize 64



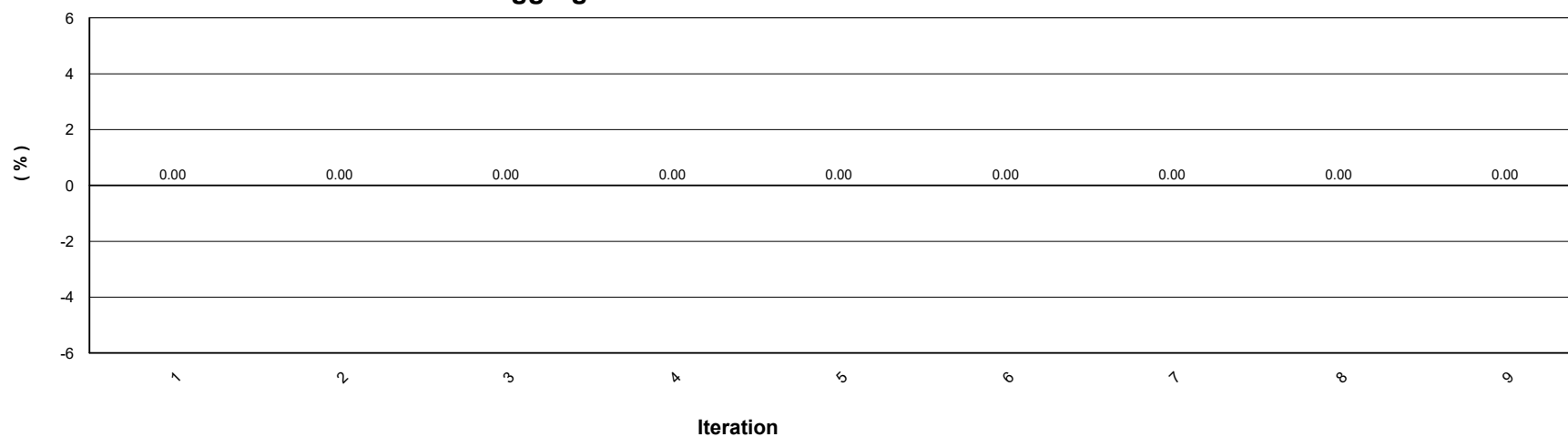
Aggregated Frame Loss for Trial 1 and Framesize 128



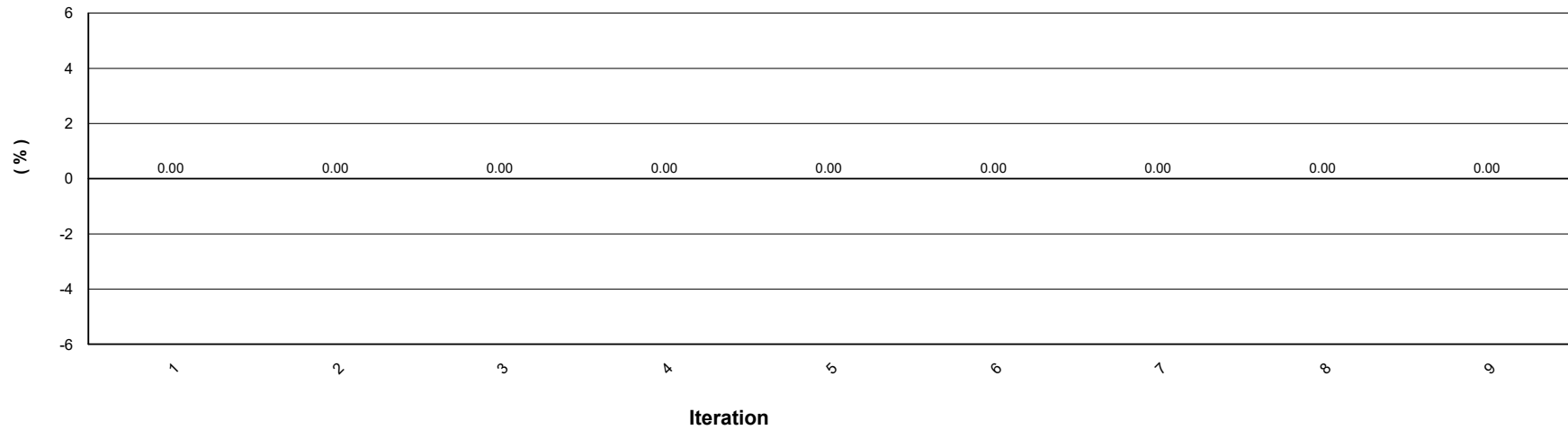
Aggregated Frame Loss for Trial 1 and Framesize 256



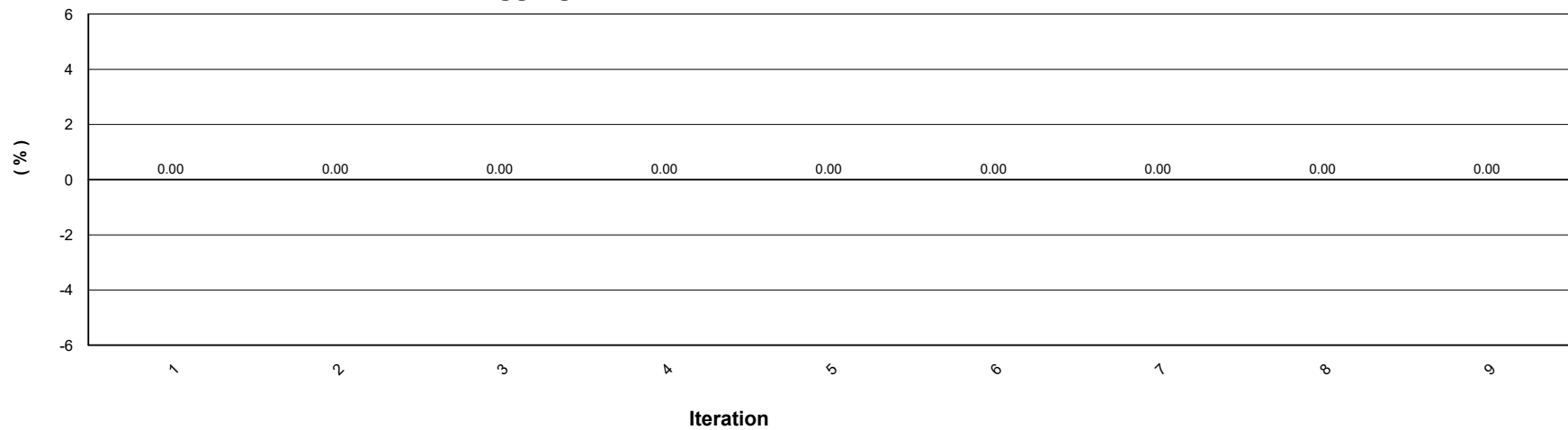
Aggregated Frame Loss for Trial 1 and Framesize 512



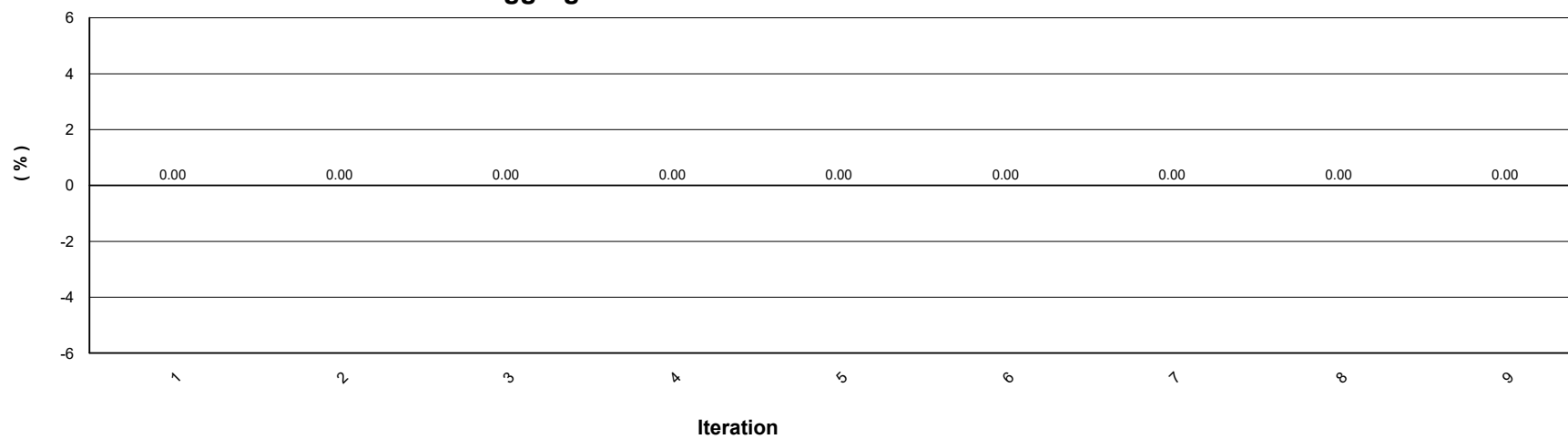
Aggregated Frame Loss for Trial 1 and Framesize 1024



Aggregated Frame Loss for Trial 1 and Framesize 1280

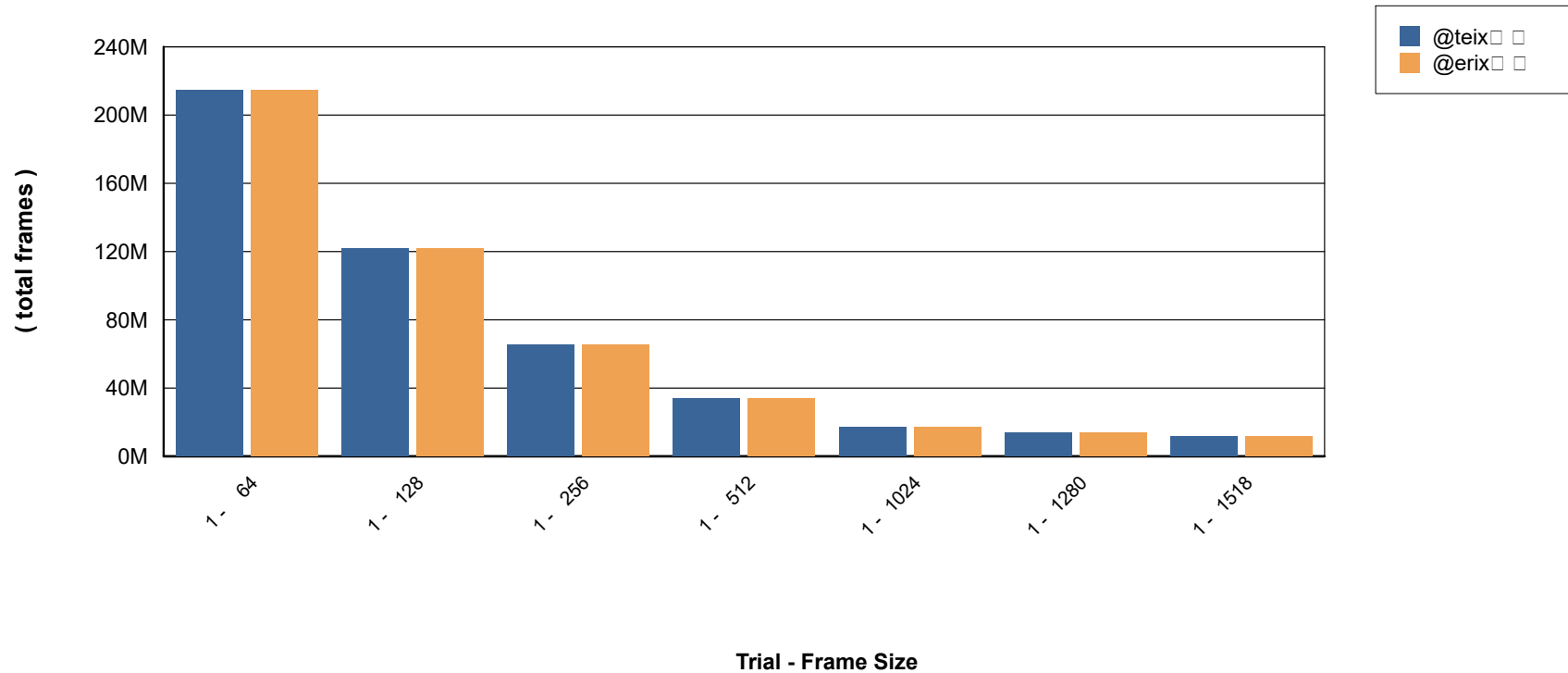


Aggregated Frame Loss for Trial 1 and Framesize 1518

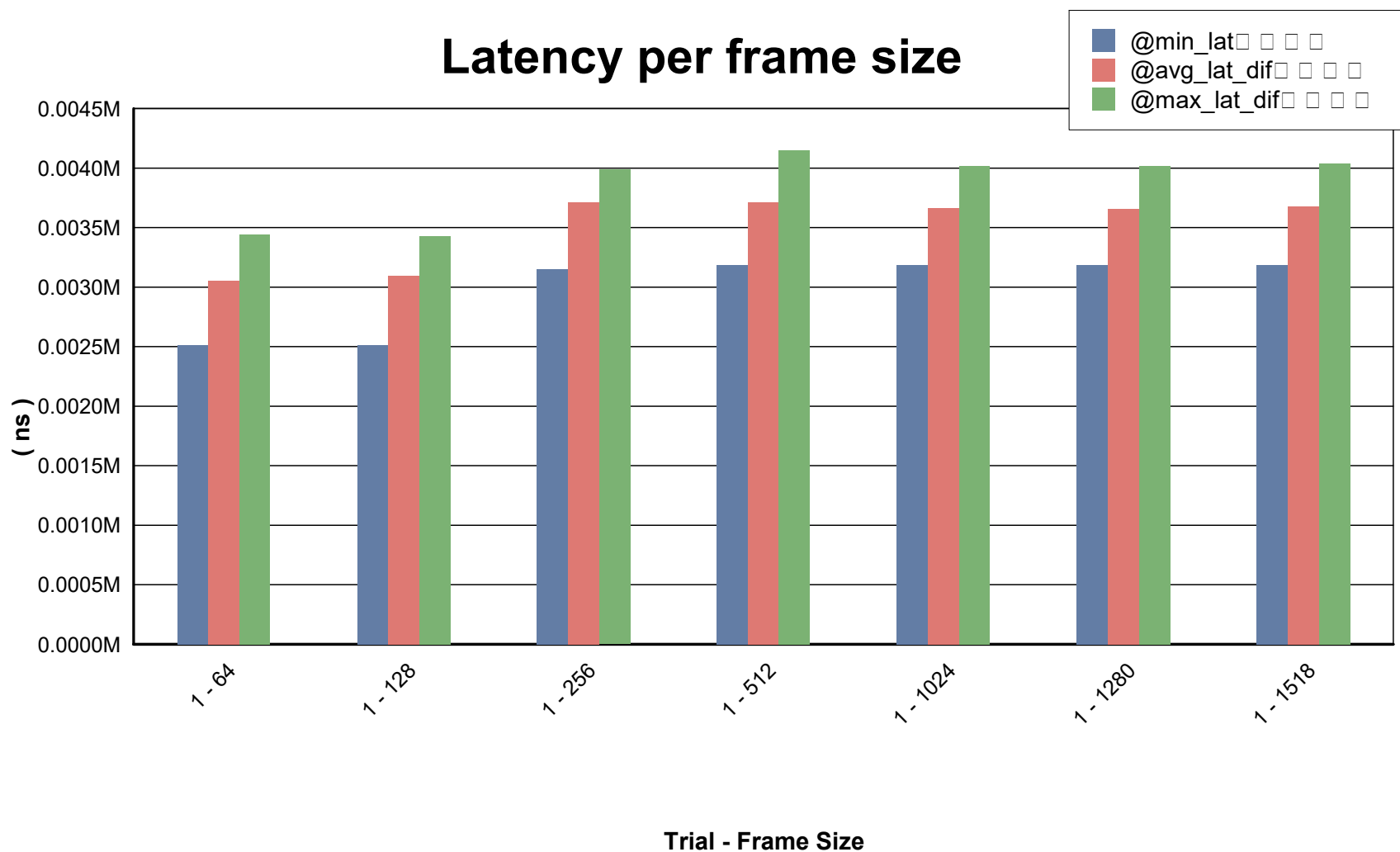


RFC2544 - Throughput/Latency - Iteration Graph

Tx / Rx Frames per Frame Size



RFC2544 - Throughput/Latency - Iteration Graph



RFC2544 - Throughput/Latency - Aggregated Results

Trial / Framesize / Iteration	Agg L2 Throughput				Agg L1 Throughput	Throughput (frames)		Agg Latency (ns)				
	AggTx Rate %	Agg Rx Rate										
		%	FPS	Mbps								
Trial: 1 / FS: 64 / Iter: 9	100.00	100	1488095.2	761.905	Tx Rate Mbps	:	Tx	:	29761905.000	Min	:	3185
					Rx Rate Mbps	:	Rx	:	29761905.000	Max	:	3410
						:	Loss	:	0	Average	:	3389.000
						:	Lost Bits %	:	0.00			
Trial: 1 / FS: 128 / Iter: 9	100.00	100	844594.6	864.865	Tx Rate Mbps	:	Tx	:	16891892.000	Min	:	2915
					Rx Rate Mbps	:	Rx	:	16891892.000	Max	:	3412
						:	Loss	:	0	Average	:	3393.000
						:	Lost Bits %	:	0.00			
Trial: 1 / FS: 256 / Iter: 9	100.00	100	452898.5	927.536	Tx Rate Mbps	:	Tx	:	9057971.000	Min	:	3362
					Rx Rate Mbps	:	Rx	:	9057971.000	Max	:	3987
						:	Loss	:	0	Average	:	3967.000
						:	Lost Bits %	:	0.00			
Trial: 1 / FS: 512 / Iter: 9	100.00	100	234962.4	962.406	Tx Rate Mbps	:	Tx	:	4699248.000	Min	:	3780
					Rx Rate Mbps	:	Rx	:	4699248.000	Max	:	4020
						:	Loss	:	0	Average	:	3981.000
						:	Lost Bits %	:	0.00			
Trial: 1 / FS: 1024 / Iter: 9	100.00	100	119731.8	980.843	Tx Rate Mbps	:	Tx	:	2394636.000	Min	:	3457
					Rx Rate Mbps	:	Rx	:	2394636.000	Max	:	4017
						:	Loss	:	0	Average	:	3969.000
						:	Lost Bits %	:	0.00			
Trial: 1 / FS: 1280 / Iter: 9	100.00	100	96153.8	984.615	Tx Rate Mbps	:	Tx	:	1923077.000	Min	:	3585
					Rx Rate Mbps	:	Rx	:	1923077.000	Max	:	4017
						:	Loss	:	0	Average	:	3965.000
						:	Lost Bits %	:	0.00			
Trial: 1 / FS: 1518 / Iter: 9	100.00	100	81274.4	986.996	Tx Rate Mbps	:	Tx	:	1625488.000	Min	:	3875
					Rx Rate Mbps	:	Rx	:	1625488.000	Max	:	4037
						:	Loss	:	0	Average	:	3977.000
						:	Lost Bits %	:	0.00			

RFC2544 - Throughput/Latency - Aggregated Results

Trial / Framesize / Iteration	Agg L2 Throughput				Agg L1 Throughput		Throughput (frames)	Agg Latency			
	AggTx Rate %	Agg Rx Rate			Tx Rate Mbps	Rx Rate Mbps		Min (ns)	Max (ns)	Average (ns)	
		%	FPS	Mbps							
Trial: 1 / FS: 64 / Iter: 1	10	10	148809.5	76.190			Tx : 2976190.000 Rx : 2976190.000 Loss : 0 Loss% : 0.00	2515	3410	2929.000	
Trial: 1 / FS: 64 / Iter: 2	55	55	818452.5	419.048			Tx : 16369048.000 Rx : 16369048.000 Loss : 0 Loss% : 0.00	2577	3410	2932.000	
Trial: 1 / FS: 64 / Iter: 3	78	78	1153274.7	590.477			Tx : 23065476.000 Rx : 23065476.000 Loss : 0 Loss% : 0.00	2577	3410	2953.000	
Trial: 1 / FS: 64 / Iter: 4	89	89	1320685.0	676.191			Tx : 26413690.000 Rx : 26413690.000 Loss : 0 Loss% : 0.00	2577	3410	2972.000	
Trial: 1 / FS: 64 / Iter: 5	94	94	1404391.1	719.048			Tx : 28087798.000 Rx : 28087798.000 Loss : 0 Loss% : 0.00	2607	3410	3010.000	
Trial: 1 / FS: 64 / Iter: 6	97	97	1446242.7	740.476			Tx : 28924851.000 Rx : 28924851.000 Loss : 0 Loss% : 0.00	2610	3410	3056.000	
Trial: 1 / FS: 64 / Iter: 7	99	99	1467169.7	751.191			Tx : 29343378.000 Rx : 29343378.000 Loss : 0 Loss% : 0.00	2752	3410	3097.000	
Trial: 1 / FS: 64 / Iter: 8	99	99	1477633.5	756.548			Tx : 29552641.000 Rx : 29552641.000 Loss : 0 Loss% : 0.00	2672	3442	3146.000	
Trial: 1 / FS: 64 / Iter: 9	100	100	1488095.2	761.905			Tx : 29761905.000 Rx : 29761905.000 Loss : 0 Loss% : 0.00	3185	3410	3389.000	
Trial: 1 / FS: 128 / Iter: 1	10	10	84459.5	86.486			Tx : 1689189.000 Rx : 1689189.000 Loss : 0 Loss% : 0.00	2515	3412	2938.000	
Trial: 1 / FS: 128 / Iter: 2	55	55	464527.2	475.676			Tx : 9290541.000 Rx : 9290541.000 Loss : 0 Loss% : 0.00	2515	3412	2935.000	
Trial: 1 / FS: 128 / Iter: 3	78	78	654561.0	670.270			Tx : 13091216.000 Rx : 13091216.000 Loss : 0 Loss% : 0.00	2515	3412	2935.000	
Trial: 1 / FS: 128 / Iter: 4	89	89	749577.8	767.568			Tx : 14991554.000 Rx : 14991554.000 Loss : 0 Loss% : 0.00	2577	3412	2977.000	

Trial: 1 / FS: 128 / Iter: 5	94	94	797086.2	816.216	Tx : Rx : Loss : Loss% :	15941723.000 15941723.000 0 0.00	2835	3412	3091.000
Trial: 1 / FS: 128 / Iter: 6	97	97	820840.6	840.541	Tx : Rx : Loss : Loss% :	16416807.000 16416807.000 0 0.00	2930	3427	3156.000
Trial: 1 / FS: 128 / Iter: 7	99	99	832717.5	852.703	Tx : Rx : Loss : Loss% :	16654350.000 16654350.000 0 0.00	2995	3412	3204.000
Trial: 1 / FS: 128 / Iter: 8	99	99	838656.3	858.784	Tx : Rx : Loss : Loss% :	16773121.000 16773121.000 0 0.00	2882	3412	3233.000
Trial: 1 / FS: 128 / Iter: 9	100	100	844594.6	864.865	Tx : Rx : Loss : Loss% :	16891892.000 16891892.000 0 0.00	2915	3412	3393.000
Trial: 1 / FS: 256 / Iter: 1	10	10	45289.9	92.754	Tx : Rx : Loss : Loss% :	905797.000 905797.000 0 0.00	3155	3987	3585.000
Trial: 1 / FS: 256 / Iter: 2	55	55	249094.2	510.145	Tx : Rx : Loss : Loss% :	4981884.000 4981884.000 0 0.00	3152	3987	3581.000
Trial: 1 / FS: 256 / Iter: 3	78	78	350996.4	718.841	Tx : Rx : Loss : Loss% :	7019928.000 7019928.000 0 0.00	3152	3987	3581.000
Trial: 1 / FS: 256 / Iter: 4	89	89	401947.6	823.189	Tx : Rx : Loss : Loss% :	8038949.000 8038949.000 0 0.00	3345	3987	3638.000
Trial: 1 / FS: 256 / Iter: 5	94	94	427423.1	875.362	Tx : Rx : Loss : Loss% :	8548460.000 8548460.000 0 0.00	3345	3987	3691.000
Trial: 1 / FS: 256 / Iter: 6	97	97	440160.8	901.449	Tx : Rx : Loss : Loss% :	8803216.000 8803216.000 0 0.00	3315	3987	3740.000
Trial: 1 / FS: 256 / Iter: 7	99	99	446529.8	914.493	Tx : Rx : Loss : Loss% :	8930593.000 8930593.000 0 0.00	3202	3987	3778.000
Trial: 1 / FS: 256 / Iter: 8	99	99	449714.2	921.015	Tx : Rx : Loss : Loss% :	8994282.000 8994282.000 0 0.00	3632	3987	3825.000
Trial: 1 / FS: 256 / Iter: 9	100	100	452898.5	927.536	Tx : Rx : Loss : Loss% :	9057971.000 9057971.000 0 0.00	3362	3987	3967.000
Trial: 1 / FS: 512 / Iter: 1	10	10	23496.2	96.241	Tx : Rx : Loss : Loss% :	469925.000 469925.000 0 0.00	3187	4020	3604.000

Trial: 1 / FS: 512 / Iter: 2	55	55	129229.3	529.323	Tx : Rx : Loss : Loss% :	2584586.000 2584586.000 0 0.00	3185	4147	3607.000
Trial: 1 / FS: 512 / Iter: 3	78	78	182095.9	745.865	Tx : Rx : Loss : Loss% :	3641917.000 3641917.000 0 0.00	3185	4020	3607.000
Trial: 1 / FS: 512 / Iter: 4	89	89	208529.1	854.135	Tx : Rx : Loss : Loss% :	4170583.000 4170583.000 0 0.00	3185	4035	3610.000
Trial: 1 / FS: 512 / Iter: 5	94	94	221745.8	908.271	Tx : Rx : Loss : Loss% :	4434915.000 4434915.000 0 0.00	3410	4097	3671.000
Trial: 1 / FS: 512 / Iter: 6	97	97	228354.1	935.339	Tx : Rx : Loss : Loss% :	4567082.000 4567082.000 0 0.00	3442	4067	3726.000
Trial: 1 / FS: 512 / Iter: 7	99	99	231658.3	948.872	Tx : Rx : Loss : Loss% :	4633165.000 4633165.000 0 0.00	3315	4020	3772.000
Trial: 1 / FS: 512 / Iter: 8	99	99	233310.3	955.639	Tx : Rx : Loss : Loss% :	4666207.000 4666207.000 0 0.00	3395	4067	3808.000
Trial: 1 / FS: 512 / Iter: 9	100	100	234962.4	962.406	Tx : Rx : Loss : Loss% :	4699248.000 4699248.000 0 0.00	3780	4020	3981.000
Trial: 1 / FS: 1024 / Iter: 1	10	10	11973.2	98.084	Tx : Rx : Loss : Loss% :	239464.000 239464.000 0 0.00	3185	4017	3585.000
Trial: 1 / FS: 1024 / Iter: 2	55	55	65852.5	539.464	Tx : Rx : Loss : Loss% :	1317050.000 1317050.000 0 0.00	3185	4017	3588.000
Trial: 1 / FS: 1024 / Iter: 3	78	78	92792.2	760.153	Tx : Rx : Loss : Loss% :	1855843.000 1855843.000 0 0.00	3185	4017	3588.000
Trial: 1 / FS: 1024 / Iter: 4	89	89	106262.0	870.498	Tx : Rx : Loss : Loss% :	2125239.000 2125239.000 0 0.00	3185	4017	3589.000
Trial: 1 / FS: 1024 / Iter: 5	94	94	112996.9	925.671	Tx : Rx : Loss : Loss% :	2259938.000 2259938.000 0 0.00	3185	4017	3589.000
Trial: 1 / FS: 1024 / Iter: 6	97	97	116364.3	953.257	Tx : Rx : Loss : Loss% :	2327287.000 2327287.000 0 0.00	3312	4017	3646.000
Trial: 1 / FS: 1024 / Iter: 7	99	99	118048.1	967.050	Tx : Rx : Loss : Loss% :	2360961.000 2360961.000 0 0.00	3440	4017	3704.000

Trial: 1 / FS: 1024 / Iter: 8	99	99	118889.9	973.946	Tx : Rx : Loss : Loss% :	2377799.000 2377799.000 0 0.00	3505	4017	3748.000
Trial: 1 / FS: 1024 / Iter: 9	100	100	119731.8	980.843	Tx : Rx : Loss : Loss% :	2394636.000 2394636.000 0 0.00	3457	4017	3969.000
Trial: 1 / FS: 1280 / Iter: 1	10	10	9615.4	98.462	Tx : Rx : Loss : Loss% :	192308.000 192308.000 0 0.00	3185	4017	3585.000
Trial: 1 / FS: 1280 / Iter: 2	55	55	52884.6	541.538	Tx : Rx : Loss : Loss% :	1057692.000 1057692.000 0 0.00	3185	4020	3589.000
Trial: 1 / FS: 1280 / Iter: 3	78	78	74519.2	763.077	Tx : Rx : Loss : Loss% :	1490385.000 1490385.000 0 0.00	3185	4020	3589.000
Trial: 1 / FS: 1280 / Iter: 4	89	89	85336.5	873.846	Tx : Rx : Loss : Loss% :	1706731.000 1706731.000 0 0.00	3185	4020	3589.000
Trial: 1 / FS: 1280 / Iter: 5	94	94	90745.2	929.231	Tx : Rx : Loss : Loss% :	1814904.000 1814904.000 0 0.00	3185	4020	3589.000
Trial: 1 / FS: 1280 / Iter: 6	97	97	93449.5	956.923	Tx : Rx : Loss : Loss% :	1868990.000 1868990.000 0 0.00	3217	4020	3601.000
Trial: 1 / FS: 1280 / Iter: 7	99	99	94801.7	970.769	Tx : Rx : Loss : Loss% :	1896034.000 1896034.000 0 0.00	3410	4020	3691.000
Trial: 1 / FS: 1280 / Iter: 8	99	99	95477.8	977.692	Tx : Rx : Loss : Loss% :	1909555.000 1909555.000 0 0.00	3505	4020	3741.000
Trial: 1 / FS: 1280 / Iter: 9	100	100	96153.8	984.615	Tx : Rx : Loss : Loss% :	1923077.000 1923077.000 0 0.00	3585	4017	3965.000
Trial: 1 / FS: 1518 / Iter: 1	10	10	8127.4	98.700	Tx : Rx : Loss : Loss% :	162549.000 162549.000 0 0.00	3202	4035	3607.000
Trial: 1 / FS: 1518 / Iter: 2	55	55	44700.9	542.848	Tx : Rx : Loss : Loss% :	894018.000 894018.000 0 0.00	3185	4037	3604.000
Trial: 1 / FS: 1518 / Iter: 3	78	78	62987.6	764.922	Tx : Rx : Loss : Loss% :	1259753.000 1259753.000 0 0.00	3185	4037	3604.000
Trial: 1 / FS: 1518 / Iter: 4	89	89	72131.0	875.959	Tx : Rx : Loss : Loss% :	1442620.000 1442620.000 0 0.00	3185	4037	3605.000

Trial: 1 / FS: 1518 / Iter: 5	94	94	76702.7	931.478	Tx :	1534054.000	3185	4037	3604.000
					Rx :	1534054.000			
					Loss :	0			
					Loss% :	0.00			
Trial: 1 / FS: 1518 / Iter: 6	97	97	78988.5	959.237	Tx :	1579771.000	3202	4037	3635.000
					Rx :	1579771.000			
					Loss :	0			
					Loss% :	0.00			
Trial: 1 / FS: 1518 / Iter: 7	99	99	80131.5	973.117	Tx :	1602629.000	3395	4037	3695.000
					Rx :	1602629.000			
					Loss :	0			
					Loss% :	0.00			
Trial: 1 / FS: 1518 / Iter: 8	99	99	80702.9	980.056	Tx :	1614058.000	3442	4037	3746.000
					Rx :	1614058.000			
					Loss :	0			
					Loss% :	0.00			
Trial: 1 / FS: 1518 / Iter: 9	100	100	81274.4	986.996	Tx :	1625488.000	3875	4037	3977.000
					Rx :	1625488.000			
					Loss :	0			
					Loss% :	0.00			

RFC2544 - Throughput/Latency - Per Flow Statistics - Part 1 of 2

Trial / Framesize / Iteration	Tx Port	Rx Port	Flow Group	L2 Throughput				L1 Throughput	Throughput (frames)		
				Tx Rate %	Rx Rate						
					%	FPS	Mbps				
Trial: 1 / FS: 64 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100	1488095.2	761.91	Tx Rate Mbps : Rx Rate Mbps :	Tx : Rx : Loss :	29761905 29761905 0	
Trial: 1 / FS: 128 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100	844594.6	864.87	Lost Bits % : Tx Rate Mbps : Rx Rate Mbps :	Loss% : Tx : Rx : Loss :	0.000 16891892 16891892 0	
Trial: 1 / FS: 256 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100	452898.5	927.54	Lost Bits % : Tx Rate Mbps : Rx Rate Mbps :	Loss% : Tx : Rx : Loss :	0.000 9057971 9057971 0	
Trial: 1 / FS: 512 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100	234962.4	962.41	Lost Bits % : Tx Rate Mbps : Rx Rate Mbps :	Loss% : Tx : Rx : Loss :	0.000 4699248 4699248 0	
Trial: 1 / FS: 1024 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100	119731.8	980.84	Lost Bits % : Tx Rate Mbps : Rx Rate Mbps :	Loss% : Tx : Rx : Loss :	0.000 2394636 2394636 0	
Trial: 1 / FS: 1280 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100	96153.8	984.62	Lost Bits % : Tx Rate Mbps : Rx Rate Mbps :	Loss% : Tx : Rx : Loss :	0.000 1923077 1923077 0	
Trial: 1 / FS: 1518 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100	81274.4	987.00	Lost Bits % : Tx Rate Mbps : Rx Rate Mbps :	Loss% : Tx : Rx : Loss :	0.000 1625488 1625488 0	
								Lost Bits % :	Loss% :	0.000	

RFC2544 - Throughput/Latency - Per Flow Statistics - Part 2 of 2

Trial / Framesize / Iteration	Tx Port	Rx Port	Flow Group	Min Latency (ns)	Max Latency (ns)	Avg Latency (ns)
Trial: 1 / FS: 64 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	3410	3389
Trial: 1 / FS: 128 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2915	3412	3393
Trial: 1 / FS: 256 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3362	3987	3967
Trial: 1 / FS: 512 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3780	4020	3981
Trial: 1 / FS: 1024 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3457	4017	3969
Trial: 1 / FS: 1280 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3585	4017	3965
Trial: 1 / FS: 1518 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3875	4037	3977

RFC2544 - Throughput/Latency - Iteration Statistics - Part 1 of 2

Trial / Framesize / Iteration	Tx Port	Rx Port	Flow Group	L2 Throughput				L1 Throughput		Throughput (frames)		
				Tx Rate %	Rx Rate			Tx Rate Mbps	Rx Rate Mbps			
					%	FPS	Mbps					
Trial: 1 / FS: 64 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	10.00	10.00	148809.5	76.19			Tx : 2976190 Rx : 2976190 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 64 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	55.00	55.00	818452.5	419.05			Tx : 16369048 Rx : 16369048 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 64 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	77.50	77.50	1153274.7	590.48			Tx : 23065476 Rx : 23065476 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 64 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	88.75	88.75	1320685.0	676.19			Tx : 26413690 Rx : 26413690 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 64 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	94.38	94.38	1404391.1	719.05			Tx : 28087798 Rx : 28087798 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 64 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	97.19	97.19	1446242.7	740.48			Tx : 28924851 Rx : 28924851 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 64 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	98.59	98.59	1467169.7	751.19			Tx : 29343378 Rx : 29343378 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 64 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	99.30	99.30	1477633.5	756.55			Tx : 29552641 Rx : 29552641 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 64 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100.00	1488095.2	761.91			Tx : 29761905 Rx : 29761905 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 128 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	10.00	10.00	84459.5	86.49			Tx : 1689189 Rx : 1689189 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 128 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	55.00	55.00	464527.2	475.68			Tx : 9290541 Rx : 9290541 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 128 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	77.50	77.50	654561.0	670.27			Tx : 13091216 Rx : 13091216 Loss : 0 Loss% : 0.000		
Trial: 1 / FS: 128 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	88.75	88.75	749577.8	767.57			Tx : 14991554 Rx : 14991554 Loss : 0 Loss% : 0.000		

Trial: 1 / FS: 128 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	94.38	94.38	797086.2	816.22	Tx : Rx : Loss : Loss% :	15941723 15941723 0 0.000
Trial: 1 / FS: 128 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	97.19	97.19	820840.6	840.54	Tx : Rx : Loss : Loss% :	16416807 16416807 0 0.000
Trial: 1 / FS: 128 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	98.59	98.59	832717.5	852.70	Tx : Rx : Loss : Loss% :	16654350 16654350 0 0.000
Trial: 1 / FS: 128 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	99.30	99.30	838656.3	858.78	Tx : Rx : Loss : Loss% :	16773121 16773121 0 0.000
Trial: 1 / FS: 128 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100.00	844594.6	864.87	Tx : Rx : Loss : Loss% :	16891892 16891892 0 0.000
Trial: 1 / FS: 256 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	10.00	10.00	45289.9	92.75	Tx : Rx : Loss : Loss% :	905797 905797 0 0.000
Trial: 1 / FS: 256 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	55.00	55.00	249094.2	510.15	Tx : Rx : Loss : Loss% :	4981884 4981884 0 0.000
Trial: 1 / FS: 256 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	77.50	77.50	350996.4	718.84	Tx : Rx : Loss : Loss% :	7019928 7019928 0 0.000
Trial: 1 / FS: 256 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	88.75	88.75	401947.6	823.19	Tx : Rx : Loss : Loss% :	8038949 8038949 0 0.000
Trial: 1 / FS: 256 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	94.38	94.38	427423.1	875.36	Tx : Rx : Loss : Loss% :	8548460 8548460 0 0.000
Trial: 1 / FS: 256 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	97.19	97.19	440160.8	901.45	Tx : Rx : Loss : Loss% :	8803216 8803216 0 0.000
Trial: 1 / FS: 256 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	98.59	98.59	446529.8	914.49	Tx : Rx : Loss : Loss% :	8930593 8930593 0 0.000
Trial: 1 / FS: 256 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	99.30	99.30	449714.2	921.02	Tx : Rx : Loss : Loss% :	8994282 8994282 0 0.000
Trial: 1 / FS: 256 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100.00	452898.5	927.54	Tx : Rx : Loss : Loss% :	9057971 9057971 0 0.000
Trial: 1 / FS: 512 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	10.00	10.00	23496.2	96.24	Tx : Rx : Loss : Loss% :	469925 469925 0 0.000

Trial: 1 / FS: 1024 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	99.30	99.30	118889.9	973.95	Tx : Rx : Loss : Loss% :	2377799 2377799 0 0.000
Trial: 1 / FS: 1024 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100.00	119731.8	980.84	Tx : Rx : Loss : Loss% :	2394636 2394636 0 0.000
Trial: 1 / FS: 1280 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	10.00	10.00	9615.4	98.46	Tx : Rx : Loss : Loss% :	192308 192308 0 0.000
Trial: 1 / FS: 1280 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	55.00	55.00	52884.6	541.54	Tx : Rx : Loss : Loss% :	1057692 1057692 0 0.000
Trial: 1 / FS: 1280 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	77.50	77.50	74519.2	763.08	Tx : Rx : Loss : Loss% :	1490385 1490385 0 0.000
Trial: 1 / FS: 1280 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	88.75	88.75	85336.5	873.85	Tx : Rx : Loss : Loss% :	1706731 1706731 0 0.000
Trial: 1 / FS: 1280 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	94.38	94.38	90745.2	929.23	Tx : Rx : Loss : Loss% :	1814904 1814904 0 0.000
Trial: 1 / FS: 1280 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	97.19	97.19	93449.5	956.92	Tx : Rx : Loss : Loss% :	1868990 1868990 0 0.000
Trial: 1 / FS: 1280 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	98.59	98.59	94801.7	970.77	Tx : Rx : Loss : Loss% :	1896034 1896034 0 0.000
Trial: 1 / FS: 1280 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	99.30	99.30	95477.8	977.69	Tx : Rx : Loss : Loss% :	1909555 1909555 0 0.000
Trial: 1 / FS: 1280 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100.00	96153.8	984.62	Tx : Rx : Loss : Loss% :	1923077 1923077 0 0.000
Trial: 1 / FS: 1518 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	10.00	10.00	8127.4	98.70	Tx : Rx : Loss : Loss% :	162549 162549 0 0.000
Trial: 1 / FS: 1518 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	55.00	55.00	44700.9	542.85	Tx : Rx : Loss : Loss% :	894018 894018 0 0.000
Trial: 1 / FS: 1518 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	77.50	77.50	62987.6	764.92	Tx : Rx : Loss : Loss% :	1259753 1259753 0 0.000
Trial: 1 / FS: 1518 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	88.75	88.75	72131.0	875.96	Tx : Rx : Loss : Loss% :	1442620 1442620 0 0.000

Trial: 1 / FS: 1518 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	94.38	94.38	76702.7	931.48	Tx : Rx : Loss : Loss% :	1534054 1534054 0 0.000
Trial: 1 / FS: 1518 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	97.19	97.19	78988.5	959.24	Tx : Rx : Loss : Loss% :	1579771 1579771 0 0.000
Trial: 1 / FS: 1518 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	98.59	98.59	80131.5	973.12	Tx : Rx : Loss : Loss% :	1602629 1602629 0 0.000
Trial: 1 / FS: 1518 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	99.30	99.30	80702.9	980.06	Tx : Rx : Loss : Loss% :	1614058 1614058 0 0.000
Trial: 1 / FS: 1518 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	100.00	100.00	81274.4	987.00	Tx : Rx : Loss : Loss% :	1625488 1625488 0 0.000

RFC2544 - Throughput/Latency - Iteration Statistics - Part 2 of 2

Trial / Framesize / Iteration	Tx Port	Rx Port	Flow Group	Min Latency (ns)	Max Latency (ns)	Avg Latency (ns)
Trial: 1 / FS: 64 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2515	3410	2929.00
Trial: 1 / FS: 64 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2577	3410	2932.00
Trial: 1 / FS: 64 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2577	3410	2953.00
Trial: 1 / FS: 64 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2577	3410	2972.00
Trial: 1 / FS: 64 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2607	3410	3010.00
Trial: 1 / FS: 64 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2610	3410	3056.00
Trial: 1 / FS: 64 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2752	3410	3097.00
Trial: 1 / FS: 64 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2672	3442	3146.00
Trial: 1 / FS: 64 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	3410	3389.00
Trial: 1 / FS: 128 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2515	3412	2938.00
Trial: 1 / FS: 128 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2515	3412	2935.00
Trial: 1 / FS: 128 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2515	3412	2935.00
Trial: 1 / FS: 128 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2577	3412	2977.00
Trial: 1 / FS: 128 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2835	3412	3091.00
Trial: 1 / FS: 128 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2930	3427	3156.00
Trial: 1 / FS: 128 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2995	3412	3204.00
Trial: 1 / FS: 128 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2882	3412	3233.00
Trial: 1 / FS: 128 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	2915	3412	3393.00
Trial: 1 / FS: 256 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3155	3987	3585.00

Trial: 1 / FS: 256 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3152	3987	3581.00
Trial: 1 / FS: 256 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3152	3987	3581.00
Trial: 1 / FS: 256 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3345	3987	3638.00
Trial: 1 / FS: 256 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3345	3987	3691.00
Trial: 1 / FS: 256 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3315	3987	3740.00
Trial: 1 / FS: 256 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3202	3987	3778.00
Trial: 1 / FS: 256 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3632	3987	3825.00
Trial: 1 / FS: 256 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3362	3987	3967.00
Trial: 1 / FS: 512 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3187	4020	3604.00
Trial: 1 / FS: 512 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4147	3607.00
Trial: 1 / FS: 512 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4020	3607.00
Trial: 1 / FS: 512 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4035	3610.00
Trial: 1 / FS: 512 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3410	4097	3671.00
Trial: 1 / FS: 512 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3442	4067	3726.00
Trial: 1 / FS: 512 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3315	4020	3772.00
Trial: 1 / FS: 512 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3395	4067	3808.00
Trial: 1 / FS: 512 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3780	4020	3981.00
Trial: 1 / FS: 1024 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4017	3585.00
Trial: 1 / FS: 1024 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4017	3588.00
Trial: 1 / FS: 1024 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4017	3588.00
Trial: 1 / FS: 1024 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4017	3589.00

Trial: 1 / FS: 1024 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4017	3589.00
Trial: 1 / FS: 1024 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3312	4017	3646.00
Trial: 1 / FS: 1024 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3440	4017	3704.00
Trial: 1 / FS: 1024 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3505	4017	3748.00
Trial: 1 / FS: 1024 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3457	4017	3969.00
Trial: 1 / FS: 1280 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4017	3585.00
Trial: 1 / FS: 1280 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4020	3589.00
Trial: 1 / FS: 1280 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4020	3589.00
Trial: 1 / FS: 1280 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4020	3589.00
Trial: 1 / FS: 1280 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4020	3589.00
Trial: 1 / FS: 1280 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3217	4020	3601.00
Trial: 1 / FS: 1280 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3410	4020	3691.00
Trial: 1 / FS: 1280 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3505	4020	3741.00
Trial: 1 / FS: 1280 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3585	4017	3965.00
Trial: 1 / FS: 1518 / Iter: 1	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3202	4035	3607.00
Trial: 1 / FS: 1518 / Iter: 2	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4037	3604.00
Trial: 1 / FS: 1518 / Iter: 3	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4037	3604.00
Trial: 1 / FS: 1518 / Iter: 4	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4037	3605.00
Trial: 1 / FS: 1518 / Iter: 5	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3185	4037	3604.00
Trial: 1 / FS: 1518 / Iter: 6	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3202	4037	3635.00
Trial: 1 / FS: 1518 / Iter: 7	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3395	4037	3695.00

Trial: 1 / FS: 1518 / Iter: 8	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3442	4037	3746.00
Trial: 1 / FS: 1518 / Iter: 9	5	6	IGS-6325-20S4C4X-Endpoint Set-1 - Flow Group 0001	3875	4037	3977.00

Theoretical maximum Frame Rates (frames/second) for different frame sizes (bytes)

Speed	64	128	256	512	1024	1280	1518
10 Mbps	14881	8446	4529	2350	1198	962	813
100 Mbps	148810	84460	45290	23497	11973	9616	8128
1000 Mbps	1488096	844595	452899	234963	119732	96154	81275
10 Gbps	14880952	8445946	4528986	2349625	1197318	961539	812744
25 Gbps	37202380	21114864	11322463	5874060	2993295	2403846	2031859
40 Gbps	59523809	33783783	18115942	9398496	4789272	3846153	3250975
100 Gbps	148809523	84459459	45289855	23496240	11973180	9615384	8127438
155 Mbps (Oc - 3)	288000	145116	72840	36491	18263	14614	12324
622 Mbps (Oc - 12)	1152000	580465	291362	145965	73054	58454	49296
2488 Mbps (Oc - 48)	4608000	2321860	1165447	583860	292215	233817	197182
9952 Mbps (Oc - 192)	18432000	9287442	4661790	2335439	1168859	935270	788730