

IxNetwork Report

Test: RFC2544 - Throughput/Latency

Test Date: 11/14/2023 12:28:54

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RFC2544 - Throughput/Latency - Info

Test Information

Product Information

Product Label :	Your switch/router name here
Product Version :	Your firmware version here
Serial Number :	Your switch/router serial number here
Comments :	

Test Settings

Date Executed :	11/14/2023
Time Executed :	12:28:54
User Name :	
Number of Trials Executed :	1
Stream Duration (sec) :	20
Calculate Lantency :	True
Lantency Type :	Store and Forward

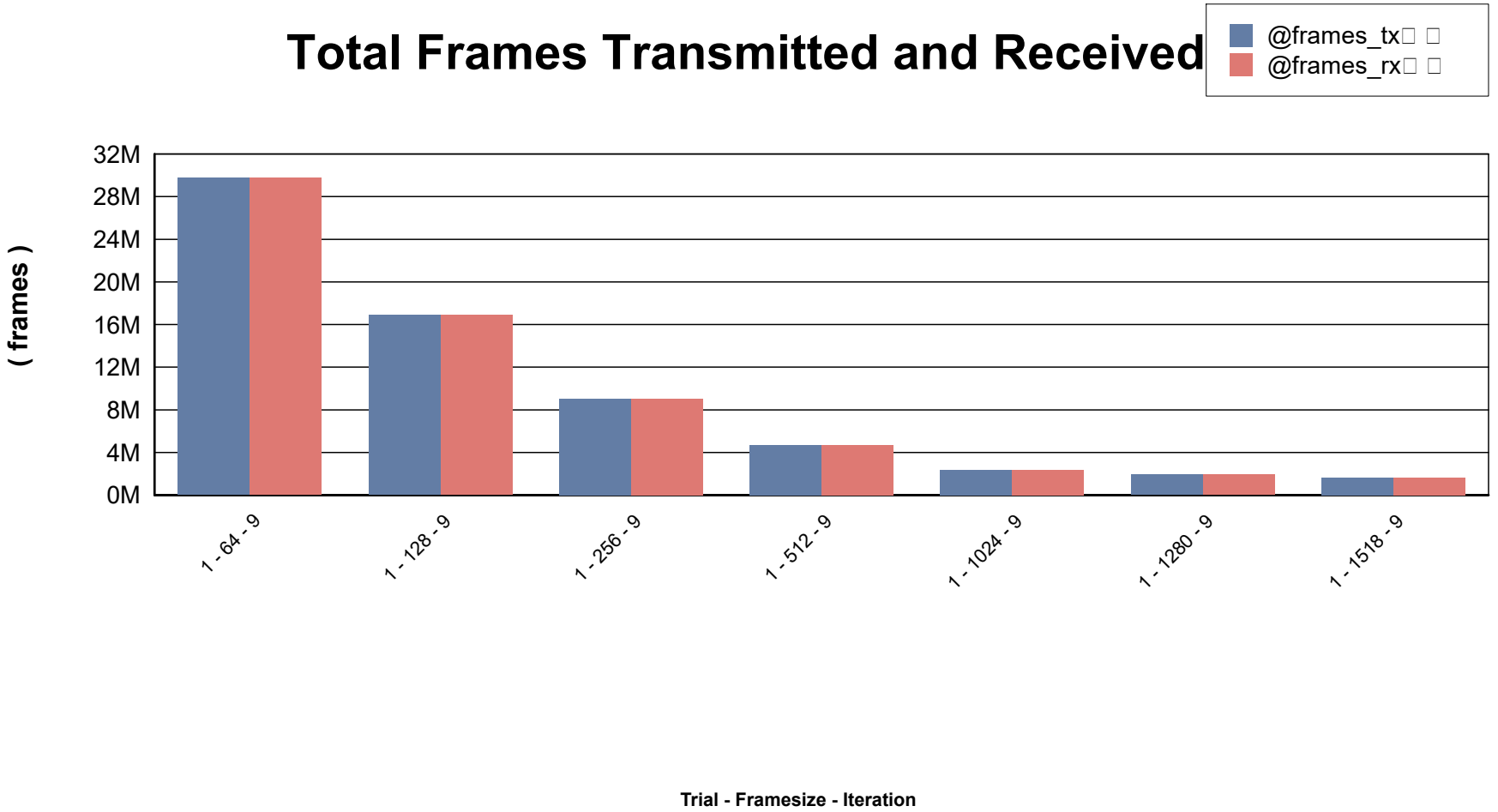
Output Parameters

Number of Trials Passed :	N/A
Test Duration (sec) :	00:35:24

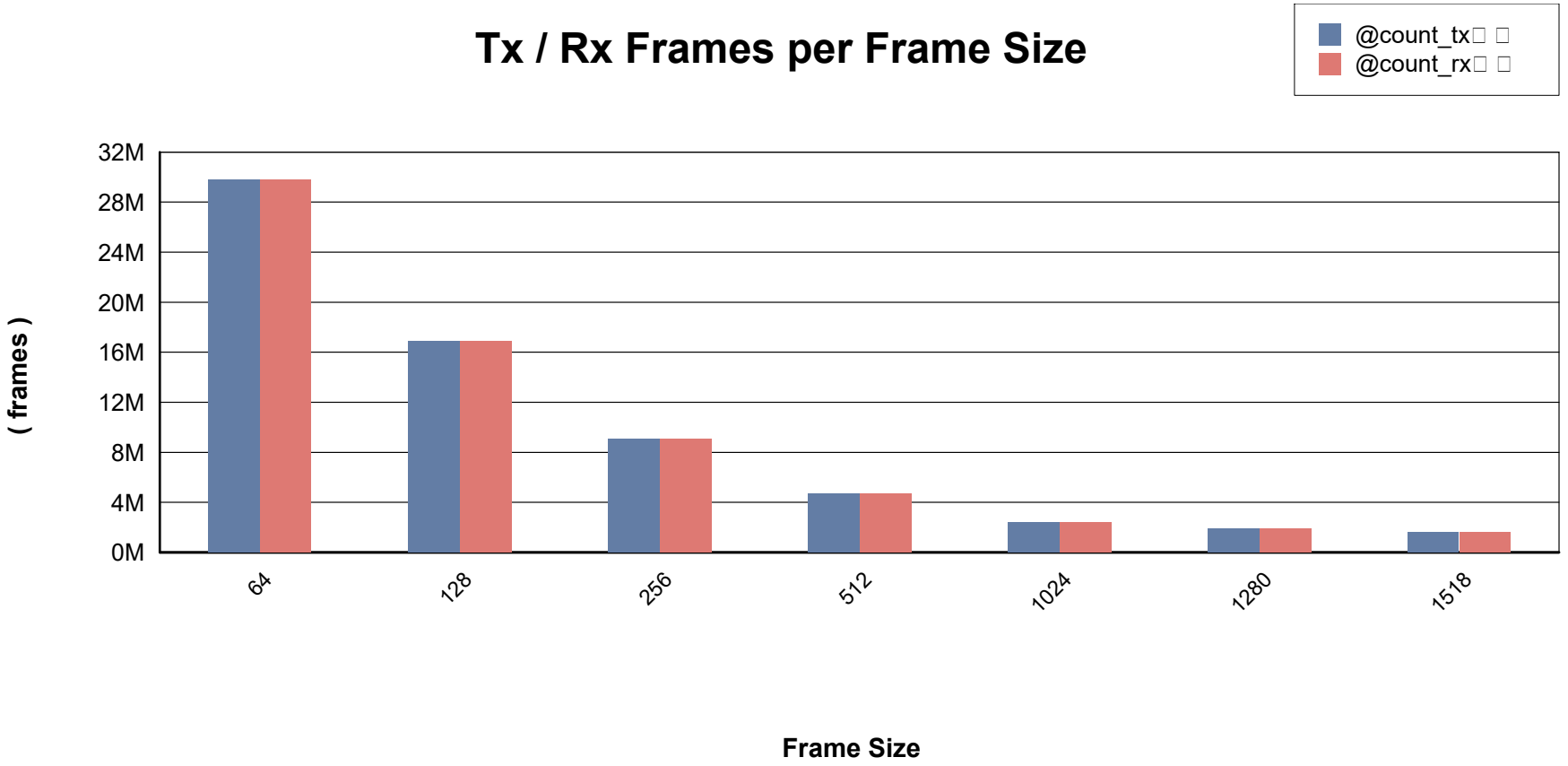
RFC2544 - Throughput/Latency - Port Map Information

Port Map :	Tx Port	Tx Speed (Mbps)	Rx Port	Rx Speed (Mbps)
	10.36.220.200;03;15	1000	10.36.220.200;03;16	1000

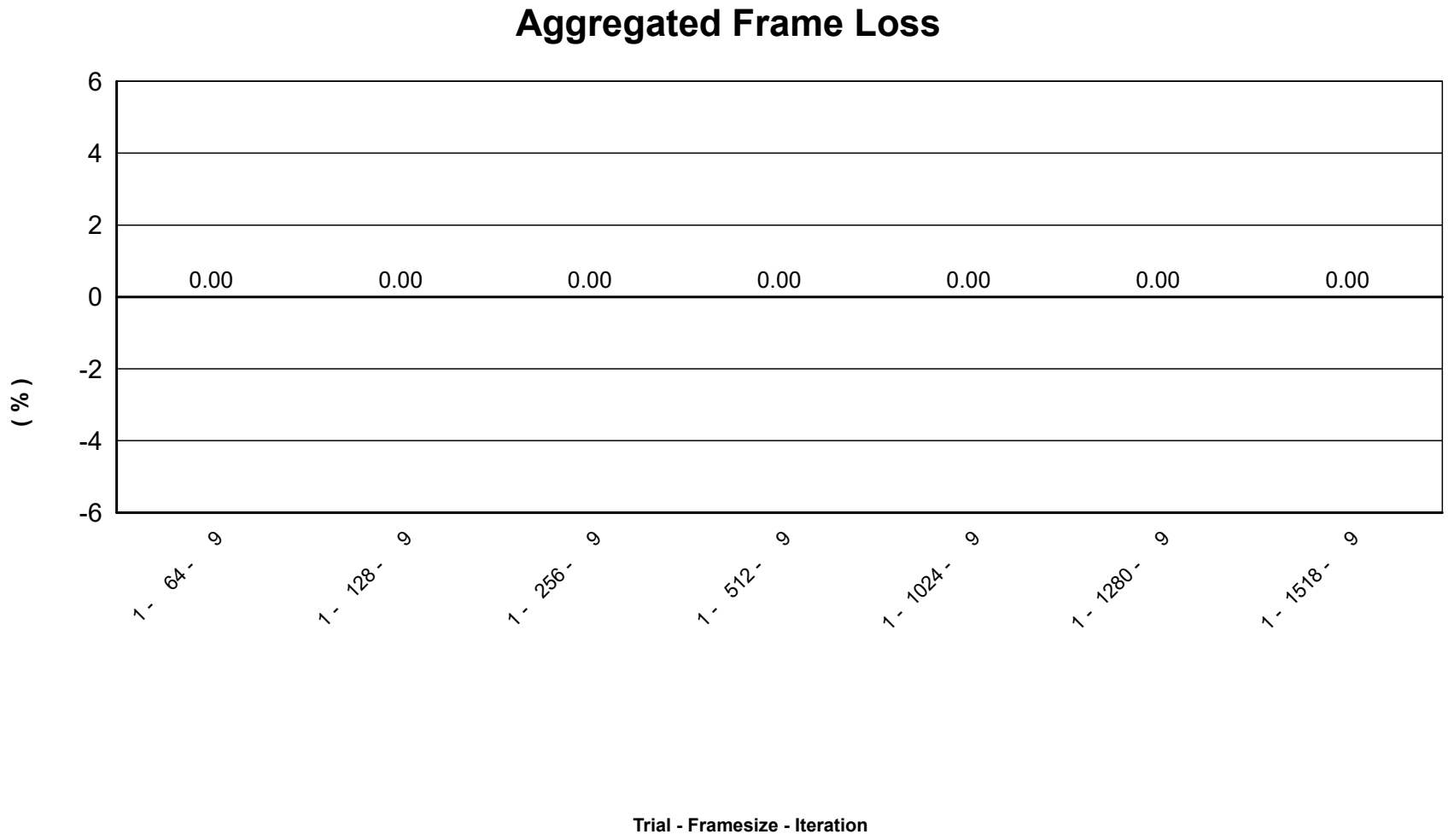
RFC2544 - Throughput/Latency - Aggregated Graph



RFC2544 - Throughput/Latency - Aggregated Graph

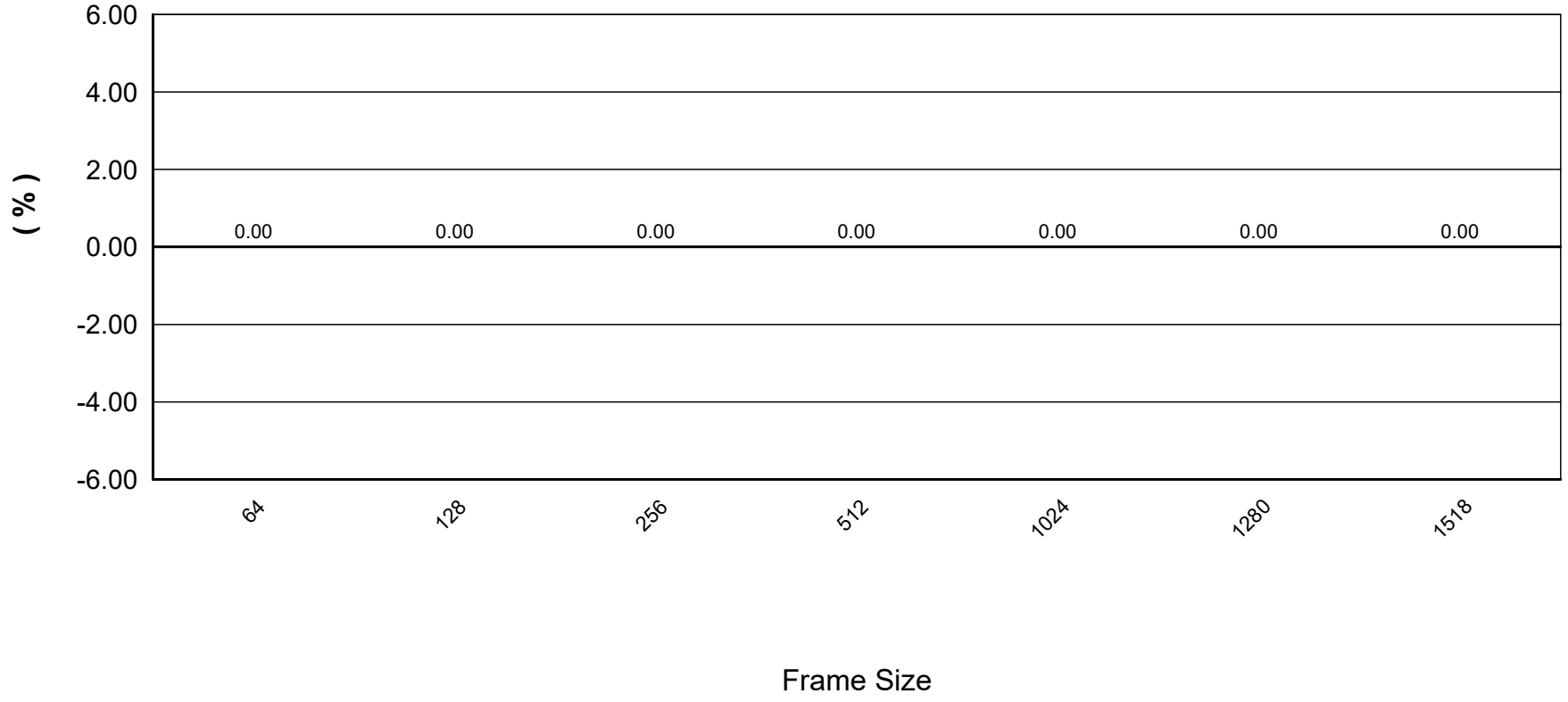


RFC2544 - Throughput/Latency - Aggregated Graph

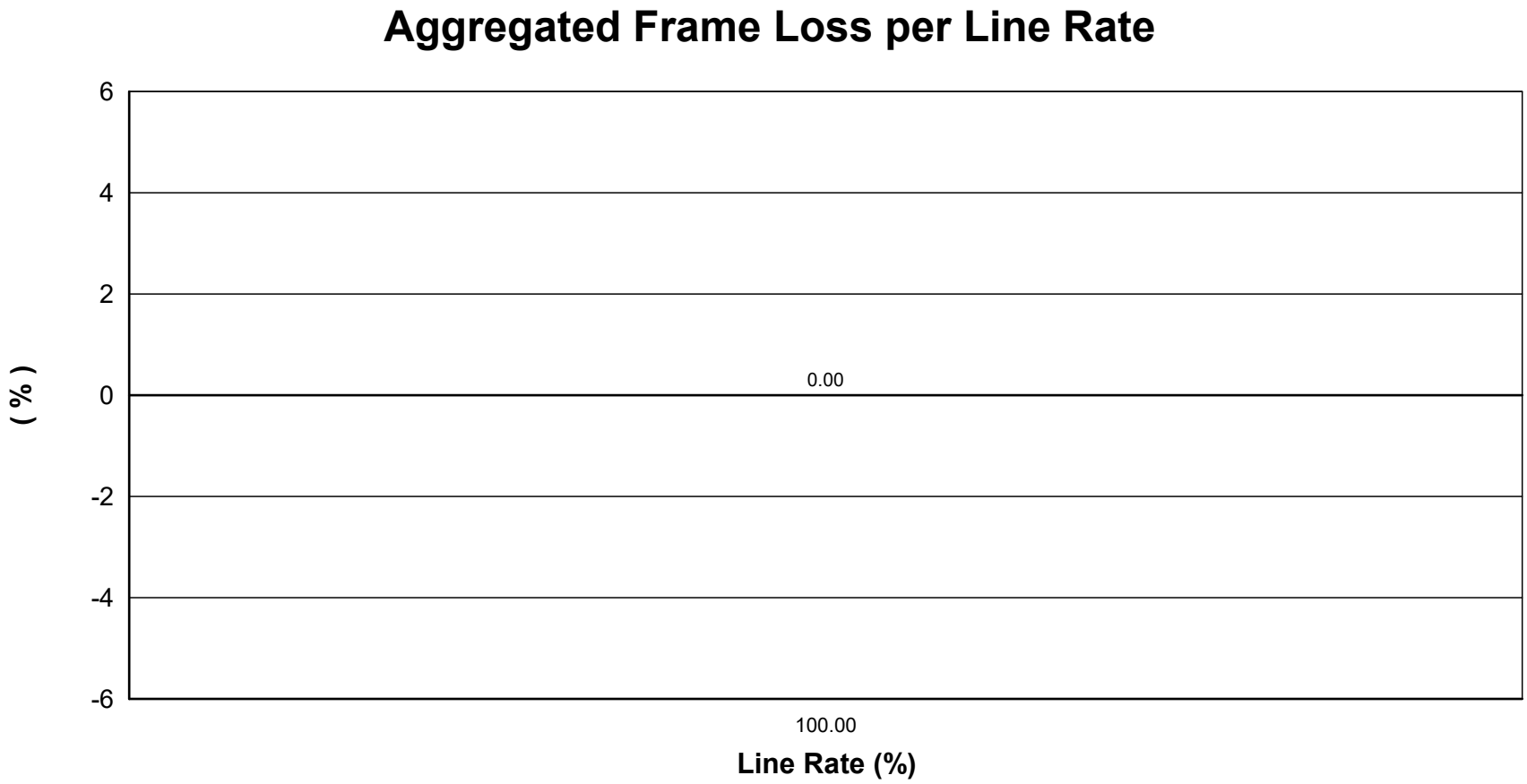


RFC2544 - Throughput/Latency - Aggregated Graph

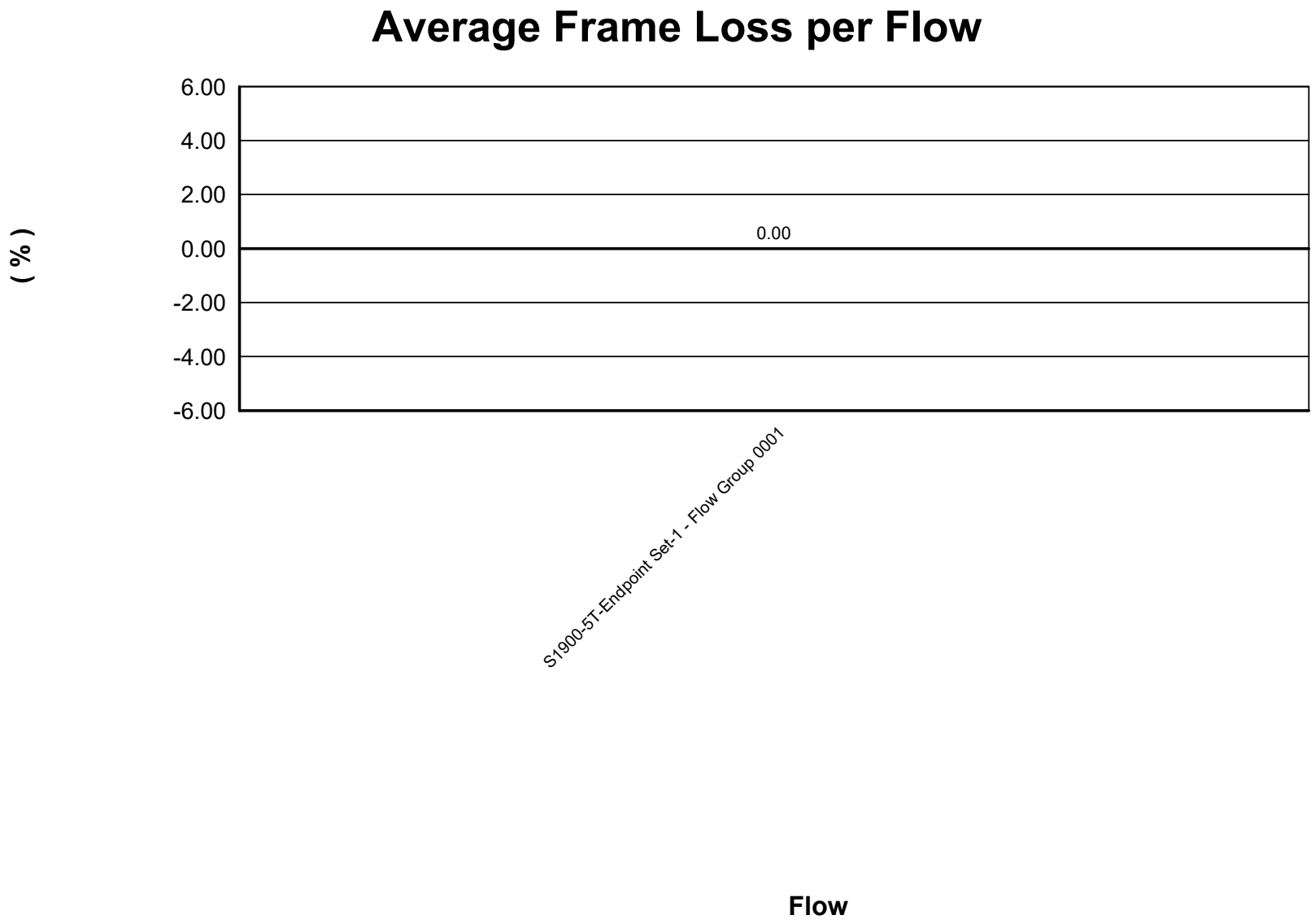
Aggregated Frame Loss per Frame Size



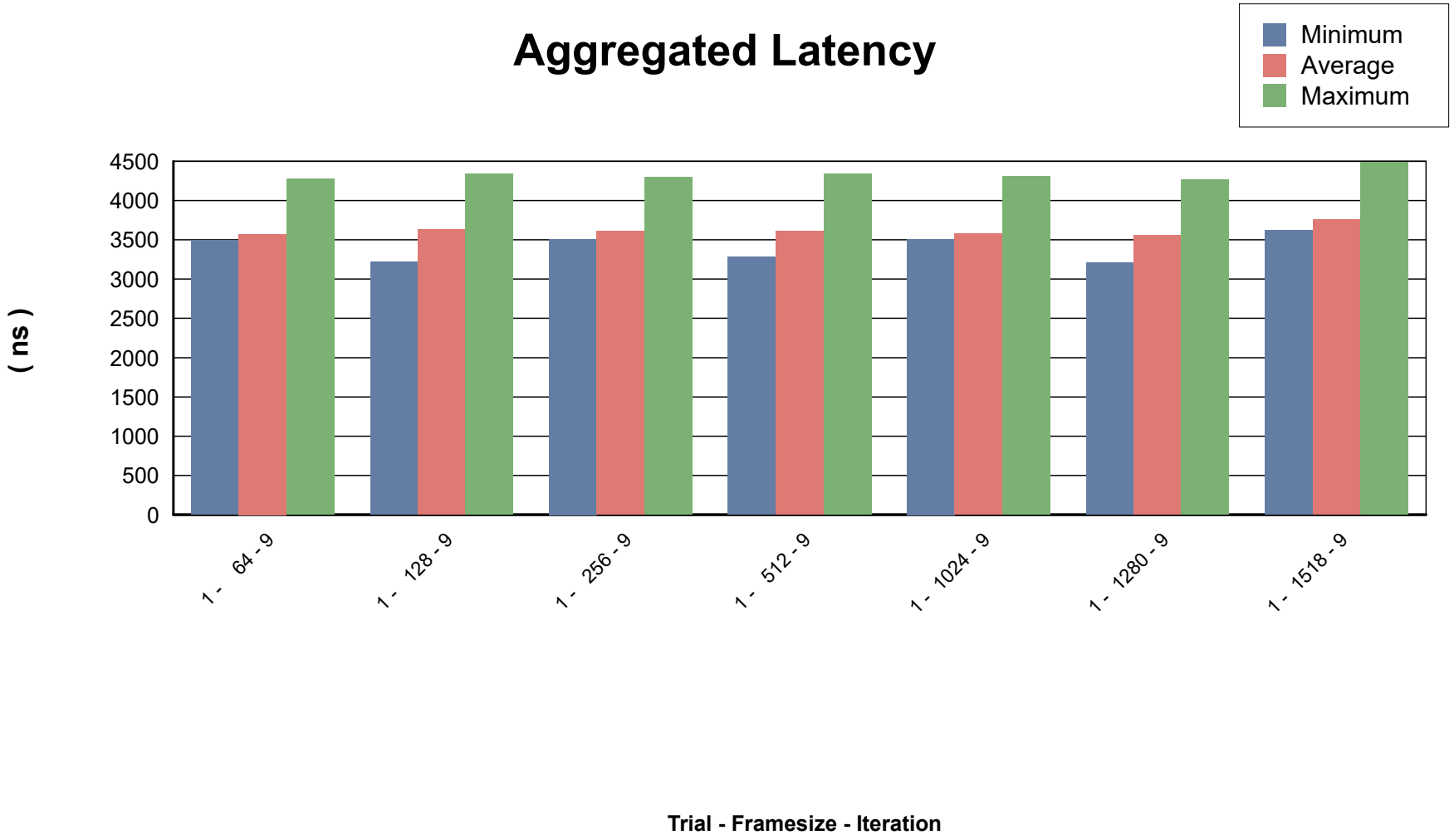
RFC2544 - Throughput/Latency - Aggregated Graph



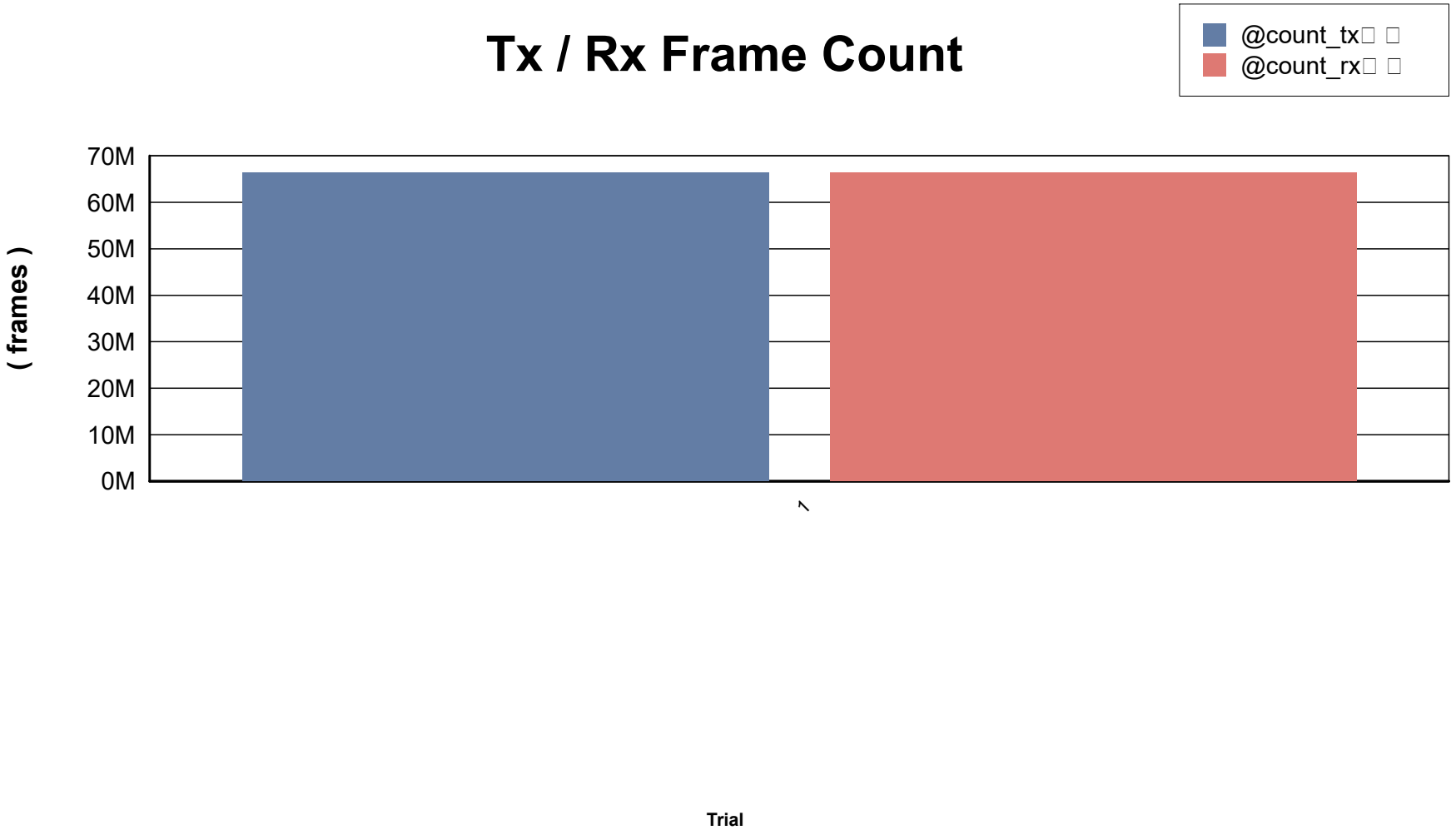
RFC2544 - Throughput/Latency - Per Flow Graph



RFC2544 - Throughput/Latency - Aggregated Graph

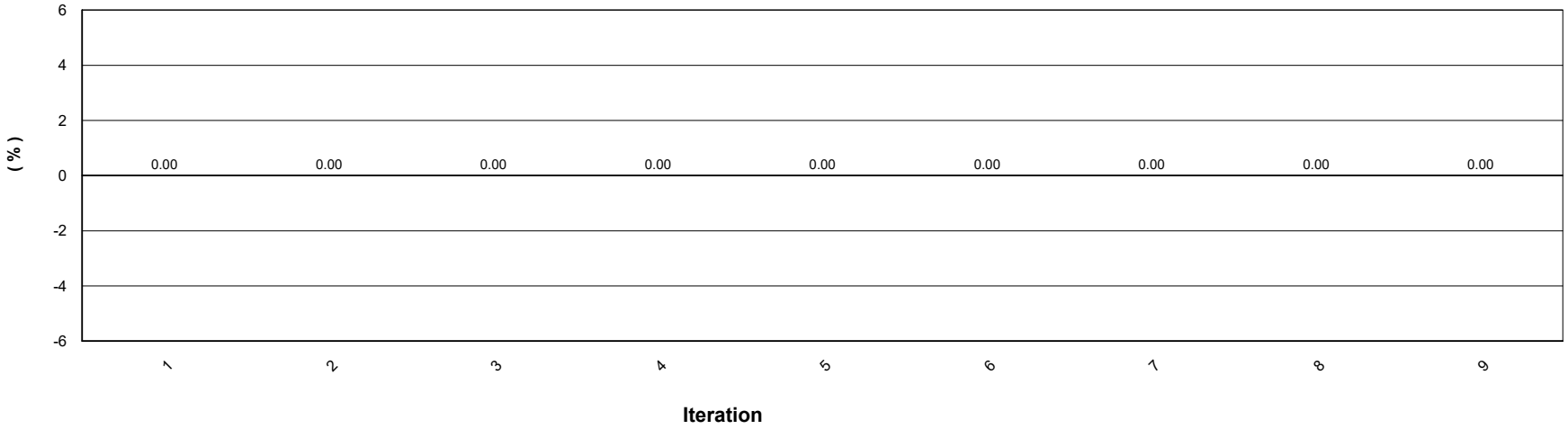


RFC2544 - Throughput/Latency - Per Flow Graph

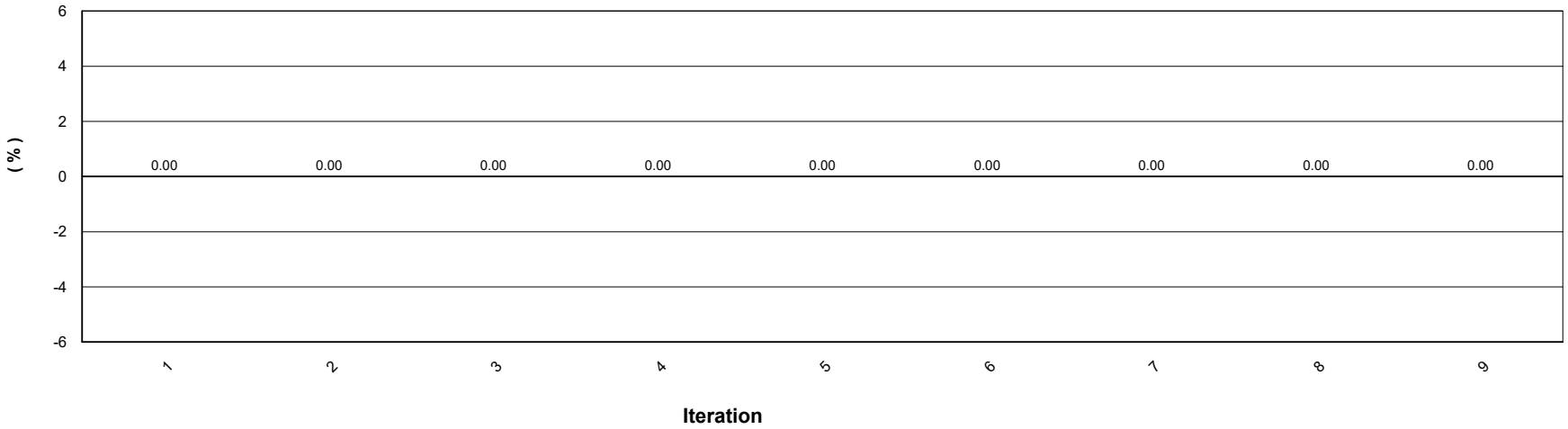


RFC2544 - Throughput/Latency - Iteration Graph

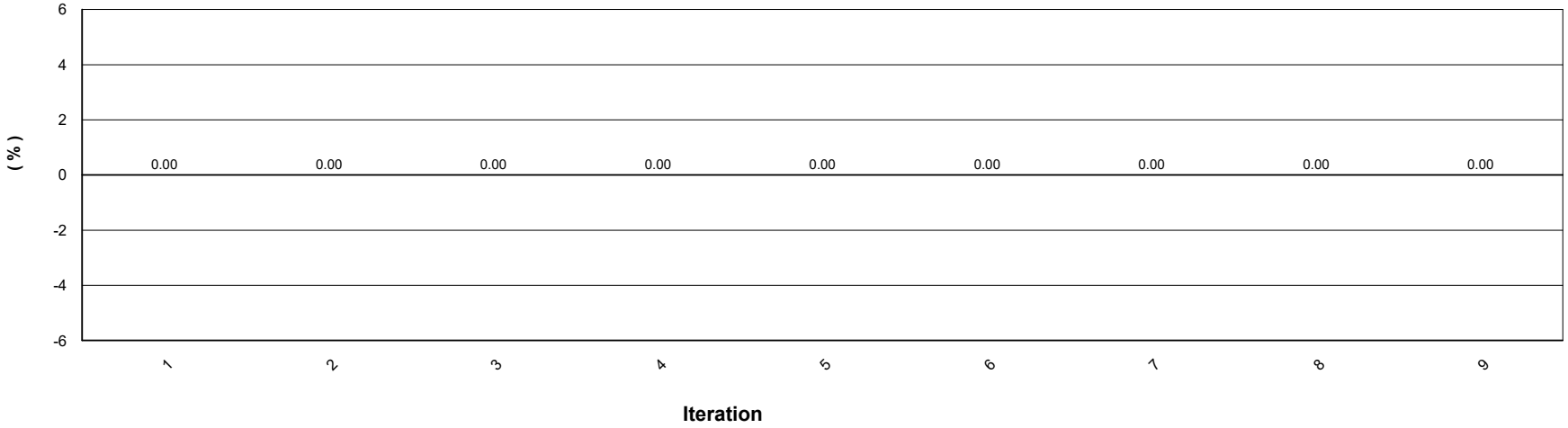
Aggregated Frame Loss for Trial 1 and Framesize 64



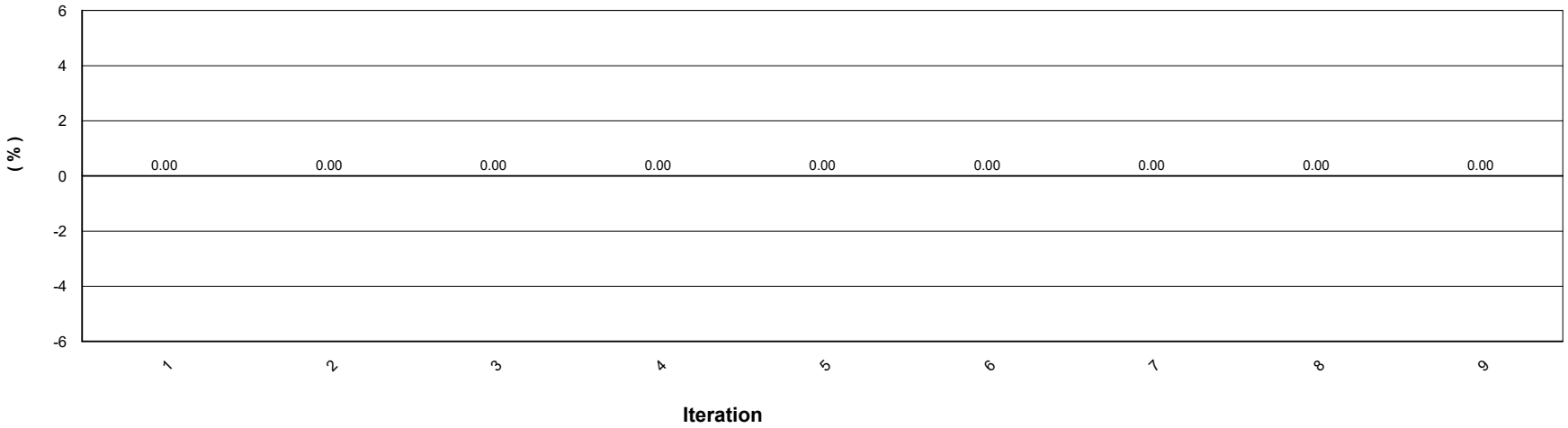
Aggregated Frame Loss for Trial 1 and Framesize 128



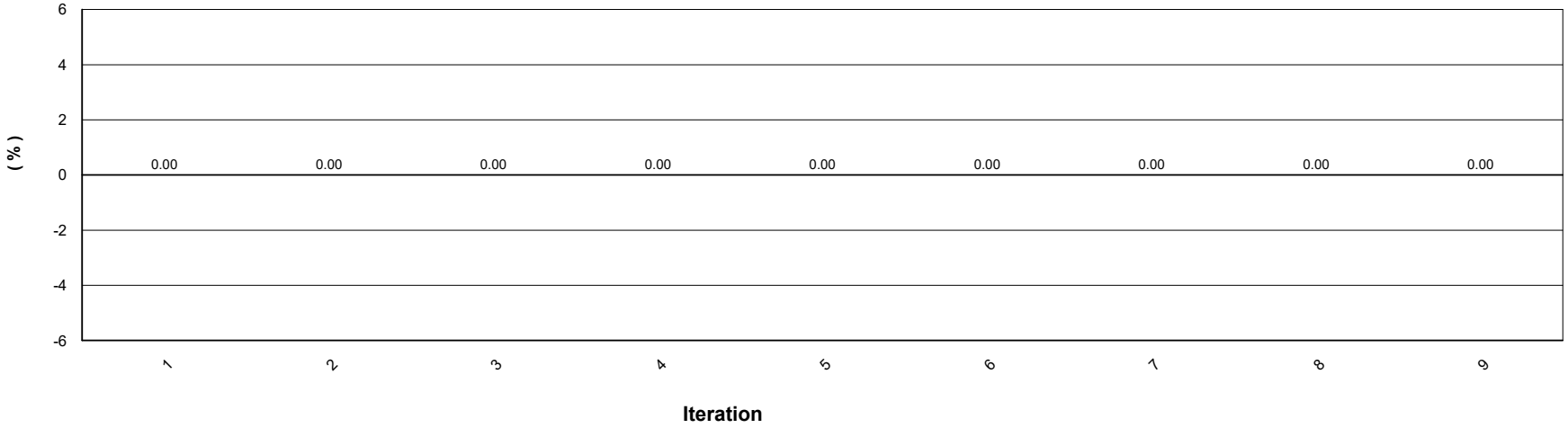
Aggregated Frame Loss for Trial 1 and Framesize 256



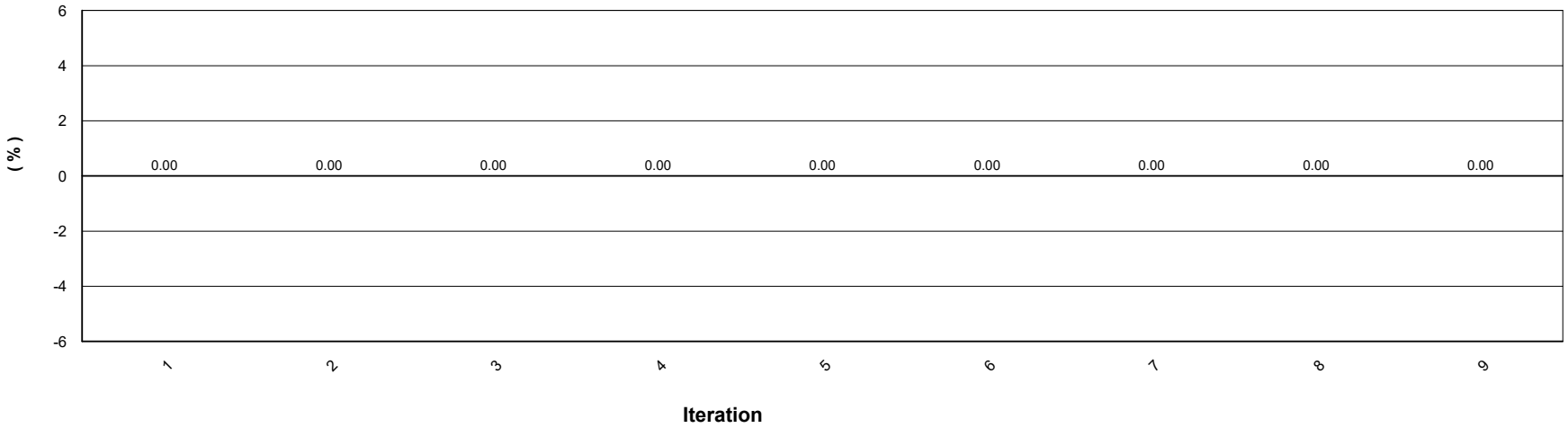
Aggregated Frame Loss for Trial 1 and Framesize 512

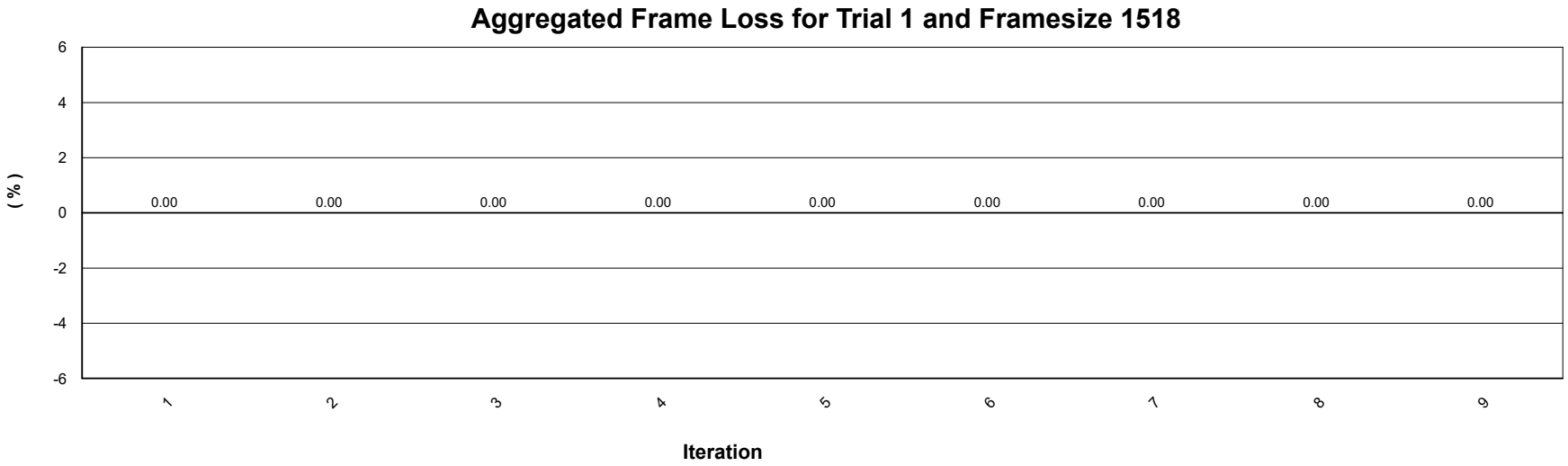


Aggregated Frame Loss for Trial 1 and Framesize 1024

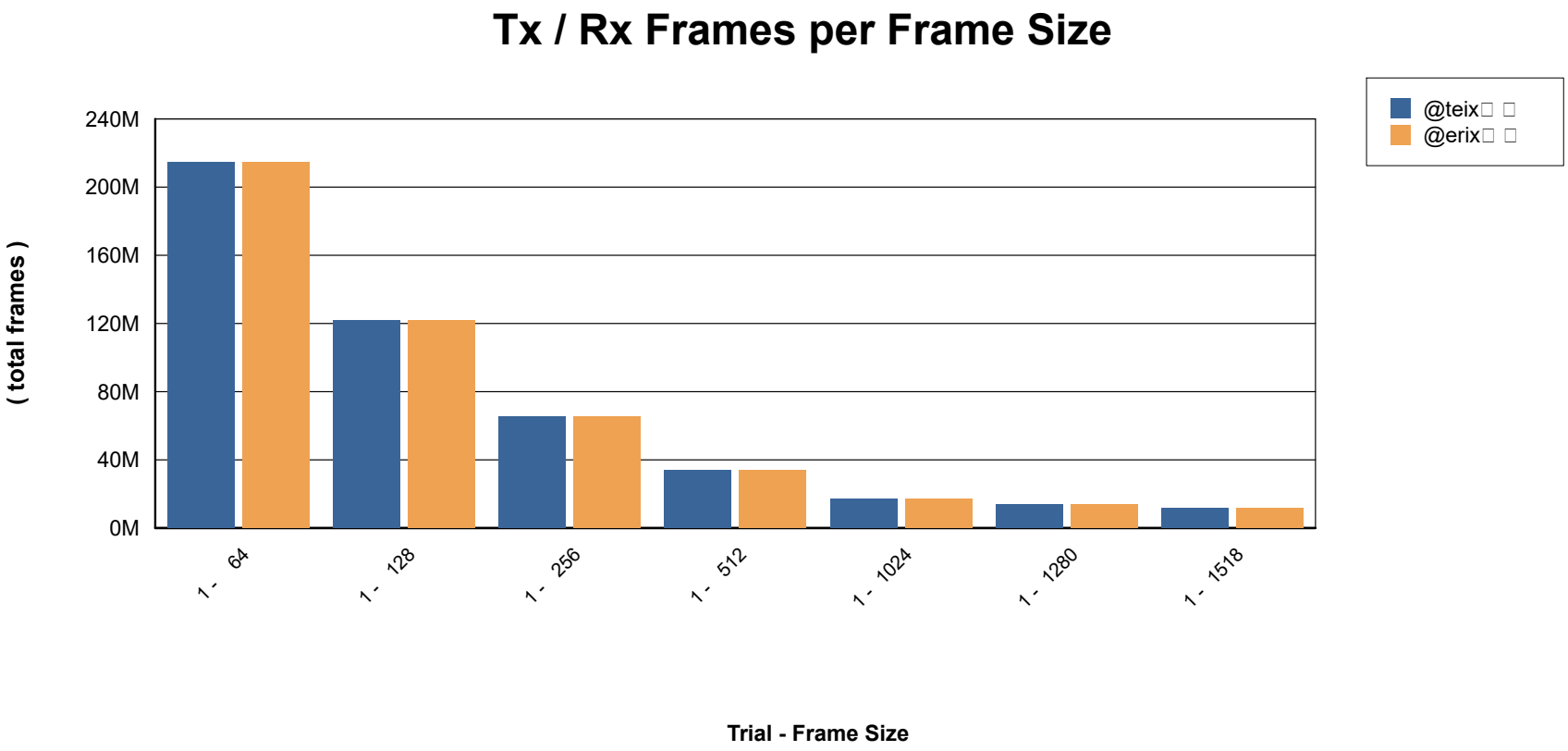


Aggregated Frame Loss for Trial 1 and Framesize 1280

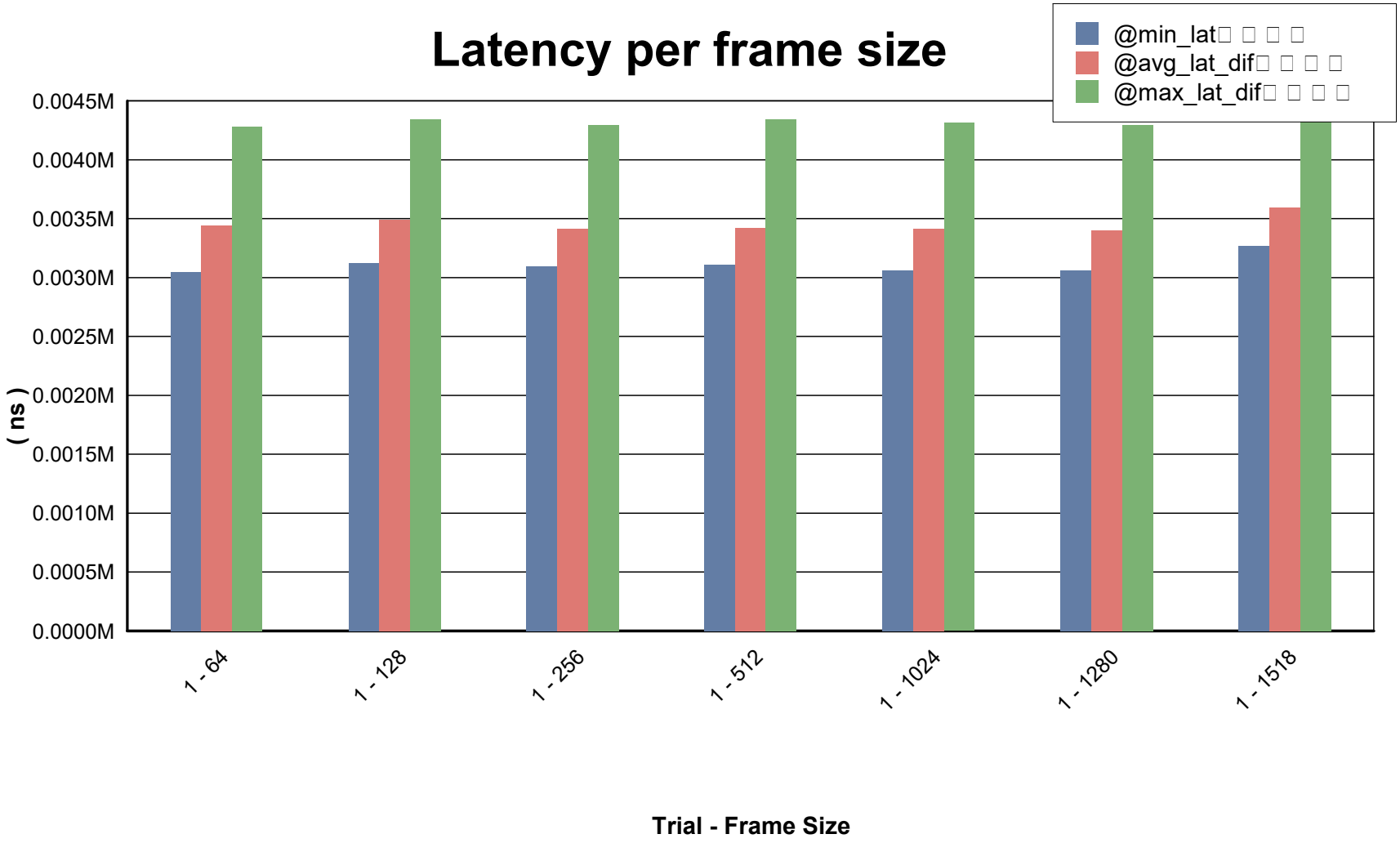



Aggregated Frame Loss for Trial 1 and Framesize 1518
6
4
2
0
-2
-4
-6
(%)
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
1
2
3
4
5
6
7
8
9
Iteration

RFC2544 - Throughput/Latency - Iteration Graph



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 :	3495				
					Rx Rate Mbps :	Rx :	29761905.000	Max :	4280				
						Loss :	0	Average :	3574.000				
					Lost Bits % :	Loss% :	0.00						
Trial: 1 / FS: 128 / Iter: 9	100.00	100	844594.6	864.865	Tx Rate Mbps :	Tx :	16891892.000	Min :	3222				
					Rx Rate Mbps :	Rx :	16891892.000	Max :	4342				
						Loss :	0	Average :	3636.000				
					Lost Bits % :	Loss% :	0.00						
Trial: 1 / FS: 256 / Iter: 9	100.00	100	452898.5	927.536	Tx Rate Mbps :	Tx :	9057971.000	Min :	3510				
					Rx Rate Mbps :	Rx :	9057971.000	Max :	4297				
						Loss :	0	Average :	3609.000				
					Lost Bits % :	Loss% :	0.00						
Trial: 1 / FS: 512 / Iter: 9	100.00	100	234962.4	962.406	Tx Rate Mbps :	Tx :	4699248.000	Min :	3285				
					Rx Rate Mbps :	Rx :	4699248.000	Max :	4342				
						Loss :	0	Average :	3606.000				
					Lost Bits % :	Loss% :	0.00						
Trial: 1 / FS: 1024 / Iter: 9	100.00	100	119731.8	980.843	Tx Rate Mbps :	Tx :	2394636.000	Min :	3510				
					Rx Rate Mbps :	Rx :	2394636.000	Max :	4312				
						Loss :	0	Average :	3575.000				
					Lost Bits % :	Loss% :	0.00						
Trial: 1 / FS: 1280 / Iter: 9	100.00	100	96153.8	984.615	Tx Rate Mbps :	Tx :	1923077.000	Min :	3207				
					Rx Rate Mbps :	Rx :	1923077.000	Max :	4265				
						Loss :	0	Average :	3556.000				
					Lost Bits % :	Loss% :	0.00						
Trial: 1 / FS: 1518 / Iter: 9	100.00	100	81274.4	986.996	Tx Rate Mbps :	Tx :	1625488.000	Min :	3622				
					Rx Rate Mbps :	Rx :	1625488.000	Max :	4487				
						Loss :	0	Average :	3762.000				
					Lost Bits % :	Loss% :	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		3065	3640	3372.000
Trial: 1 / FS: 64 / Iter: 2	55	55	818452.5	419.048			Tx : 16369048.000 Rx : 16369048.000 Loss : 0 Loss% : 0.00		3045	3927	3369.000
Trial: 1 / FS: 64 / Iter: 3	78	78	1153274.7	590.477			Tx : 23065476.000 Rx : 23065476.000 Loss : 0 Loss% : 0.00		3045	4247	3370.000
Trial: 1 / FS: 64 / Iter: 4	89	89	1320685.0	676.191			Tx : 26413690.000 Rx : 26413690.000 Loss : 0 Loss% : 0.00		3125	4165	3391.000
Trial: 1 / FS: 64 / Iter: 5	94	94	1404391.1	719.048			Tx : 28087798.000 Rx : 28087798.000 Loss : 0 Loss% : 0.00		3205	4167	3434.000
Trial: 1 / FS: 64 / Iter: 6	97	97	1446242.7	740.476			Tx : 28924851.000 Rx : 28924851.000 Loss : 0 Loss% : 0.00		3270	4215	3472.000
Trial: 1 / FS: 64 / Iter: 7	99	99	1467169.8	751.191			Tx : 29343378.000 Rx : 29343378.000 Loss : 0 Loss% : 0.00		3335	4230	3496.000
Trial: 1 / FS: 64 / Iter: 8	99	99	1477633.5	756.548			Tx : 29552641.000 Rx : 29552641.000 Loss : 0 Loss% : 0.00		3335	4232	3524.000
Trial: 1 / FS: 64 / Iter: 9	100	100	1488095.2	761.905			Tx : 29761905.000 Rx : 29761905.000 Loss : 0 Loss% : 0.00		3495	4280	3574.000
Trial: 1 / FS: 128 / Iter: 1	10	10	84459.5	86.486			Tx : 1689189.000 Rx : 1689189.000 Loss : 0 Loss% : 0.00		3127	3815	3422.000
Trial: 1 / FS: 128 / Iter: 2	55	55	464527.2	475.676			Tx : 9290541.000 Rx : 9290541.000 Loss : 0 Loss% : 0.00		3125	4005	3419.000
Trial: 1 / FS: 128 / Iter: 3	78	78	654561.0	670.271			Tx : 13091216.000 Rx : 13091216.000 Loss : 0 Loss% : 0.00		3125	4245	3421.000
Trial: 1 / FS: 128 / Iter: 4	89	89	749577.8	767.568			Tx : 14991554.000 Rx : 14991554.000 Loss : 0 Loss% : 0.00		3172	4150	3450.000

Trial: 1 / FS: 128 / Iter: 5	94	94	797086.1	816.216	Tx : Rx : Loss : Loss% :	15941723.000 15941723.000 0 0.00	3252	4232	3483.000
Trial: 1 / FS: 128 / Iter: 6	97	97	820840.6	840.541	Tx : Rx : Loss : Loss% :	16416807.000 16416807.000 0 0.00	3302	4182	3512.000
Trial: 1 / FS: 128 / Iter: 7	99	99	832717.5	852.703	Tx : Rx : Loss : Loss% :	16654350.000 16654350.000 0 0.00	3287	4280	3535.000
Trial: 1 / FS: 128 / Iter: 8	99	99	838656.3	858.784	Tx : Rx : Loss : Loss% :	16773121.000 16773121.000 0 0.00	3365	4295	3552.000
Trial: 1 / FS: 128 / Iter: 9	100	100	844594.6	864.865	Tx : Rx : Loss : Loss% :	16891892.000 16891892.000 0 0.00	3222	4342	3636.000
Trial: 1 / FS: 256 / Iter: 1	10	10	45289.9	92.754	Tx : Rx : Loss : Loss% :	905797.000 905797.000 0 0.00	3097	3672	3375.000
Trial: 1 / FS: 256 / Iter: 2	55	55	249094.2	510.145	Tx : Rx : Loss : Loss% :	4981884.000 4981884.000 0 0.00	3095	3847	3372.000
Trial: 1 / FS: 256 / Iter: 3	78	78	350996.4	718.841	Tx : Rx : Loss : Loss% :	7019928.000 7019928.000 0 0.00	3095	4152	3372.000
Trial: 1 / FS: 256 / Iter: 4	89	89	401947.6	823.189	Tx : Rx : Loss : Loss% :	8038949.000 8038949.000 0 0.00	3095	4135	3376.000
Trial: 1 / FS: 256 / Iter: 5	94	94	427423.1	875.362	Tx : Rx : Loss : Loss% :	8548460.000 8548460.000 0 0.00	3095	4105	3381.000
Trial: 1 / FS: 256 / Iter: 6	97	97	440160.8	901.449	Tx : Rx : Loss : Loss% :	8803216.000 8803216.000 0 0.00	3095	4185	3383.000
Trial: 1 / FS: 256 / Iter: 7	99	99	446529.8	914.493	Tx : Rx : Loss : Loss% :	8930593.000 8930593.000 0 0.00	3127	4217	3403.000
Trial: 1 / FS: 256 / Iter: 8	99	99	449714.2	921.015	Tx : Rx : Loss : Loss% :	8994282.000 8994282.000 0 0.00	3160	4280	3426.000
Trial: 1 / FS: 256 / Iter: 9	100	100	452898.5	927.536	Tx : Rx : Loss : Loss% :	9057971.000 9057971.000 0 0.00	3510	4297	3609.000
Trial: 1 / FS: 512 / Iter: 1	10	10	23496.2	96.241	Tx : Rx : Loss : Loss% :	469925.000 469925.000 0 0.00	3110	3670	3368.000

Trial: 1 / FS: 512 / Iter: 2	55	55	129229.3	529.323	Tx : Rx : Loss : Loss% :	2584586.000 2584586.000 0 0.00	3110	3975	3371.000
Trial: 1 / FS: 512 / Iter: 3	78	78	182095.9	745.865	Tx : Rx : Loss : Loss% :	3641917.000 3641917.000 0 0.00	3110	3687	3371.000
Trial: 1 / FS: 512 / Iter: 4	89	89	208529.1	854.135	Tx : Rx : Loss : Loss% :	4170583.000 4170583.000 0 0.00	3110	3735	3371.000
Trial: 1 / FS: 512 / Iter: 5	94	94	221745.8	908.271	Tx : Rx : Loss : Loss% :	4434915.000 4434915.000 0 0.00	3110	4055	3371.000
Trial: 1 / FS: 512 / Iter: 6	97	97	228354.1	935.338	Tx : Rx : Loss : Loss% :	4567082.000 4567082.000 0 0.00	3172	4120	3406.000
Trial: 1 / FS: 512 / Iter: 7	99	99	231658.3	948.872	Tx : Rx : Loss : Loss% :	4633165.000 4633165.000 0 0.00	3220	4165	3437.000
Trial: 1 / FS: 512 / Iter: 8	99	99	233310.3	955.639	Tx : Rx : Loss : Loss% :	4666207.000 4666207.000 0 0.00	3270	4215	3470.000
Trial: 1 / FS: 512 / Iter: 9	100	100	234962.4	962.406	Tx : Rx : Loss : Loss% :	4699248.000 4699248.000 0 0.00	3285	4342	3606.000
Trial: 1 / FS: 1024 / Iter: 1	10	10	11973.2	98.084	Tx : Rx : Loss : Loss% :	239464.000 239464.000 0 0.00	3062	3637	3376.000
Trial: 1 / FS: 1024 / Iter: 2	55	55	65852.5	539.464	Tx : Rx : Loss : Loss% :	1317050.000 1317050.000 0 0.00	3062	3865	3378.000
Trial: 1 / FS: 1024 / Iter: 3	78	78	92792.2	760.153	Tx : Rx : Loss : Loss% :	1855843.000 1855843.000 0 0.00	3062	3865	3378.000
Trial: 1 / FS: 1024 / Iter: 4	89	89	106262.0	870.498	Tx : Rx : Loss : Loss% :	2125239.000 2125239.000 0 0.00	3062	3975	3378.000
Trial: 1 / FS: 1024 / Iter: 5	94	94	112996.9	925.671	Tx : Rx : Loss : Loss% :	2259938.000 2259938.000 0 0.00	3062	3735	3378.000
Trial: 1 / FS: 1024 / Iter: 6	97	97	116364.3	953.257	Tx : Rx : Loss : Loss% :	2327287.000 2327287.000 0 0.00	3062	4007	3380.000
Trial: 1 / FS: 1024 / Iter: 7	99	99	118048.1	967.050	Tx : Rx : Loss : Loss% :	2360961.000 2360961.000 0 0.00	3175	4055	3409.000

Trial: 1 / FS: 1024 / Iter: 8	99	99	118889.9	973.946	Tx : Rx : Loss : Loss% :	2377799.000 2377799.000 0 0.00	3192	4167	3446.000
Trial: 1 / FS: 1024 / Iter: 9	100	100	119731.8	980.843	Tx : Rx : Loss : Loss% :	2394636.000 2394636.000 0 0.00	3510	4312	3575.000
Trial: 1 / FS: 1280 / Iter: 1	10	10	9615.4	98.462	Tx : Rx : Loss : Loss% :	192308.000 192308.000 0 0.00	3080	3657	3373.000
Trial: 1 / FS: 1280 / Iter: 2	55	55	52884.6	541.538	Tx : Rx : Loss : Loss% :	1057692.000 1057692.000 0 0.00	3062	3657	3370.000
Trial: 1 / FS: 1280 / Iter: 3	78	78	74519.2	763.077	Tx : Rx : Loss : Loss% :	1490385.000 1490385.000 0 0.00	3062	3657	3370.000
Trial: 1 / FS: 1280 / Iter: 4	89	89	85336.5	873.846	Tx : Rx : Loss : Loss% :	1706731.000 1706731.000 0 0.00	3062	4297	3370.000
Trial: 1 / FS: 1280 / Iter: 5	94	94	90745.2	929.231	Tx : Rx : Loss : Loss% :	1814904.000 1814904.000 0 0.00	3062	4152	3370.000
Trial: 1 / FS: 1280 / Iter: 6	97	97	93449.5	956.923	Tx : Rx : Loss : Loss% :	1868990.000 1868990.000 0 0.00	3077	4102	3373.000
Trial: 1 / FS: 1280 / Iter: 7	99	99	94801.7	970.769	Tx : Rx : Loss : Loss% :	1896034.000 1896034.000 0 0.00	3127	4070	3395.000
Trial: 1 / FS: 1280 / Iter: 8	99	99	95477.8	977.692	Tx : Rx : Loss : Loss% :	1909555.000 1909555.000 0 0.00	3175	4137	3422.000
Trial: 1 / FS: 1280 / Iter: 9	100	100	96153.8	984.615	Tx : Rx : Loss : Loss% :	1923077.000 1923077.000 0 0.00	3207	4265	3556.000
Trial: 1 / FS: 1518 / Iter: 1	10	10	8127.4	98.700	Tx : Rx : Loss : Loss% :	162549.000 162549.000 0 0.00	3272	3847	3568.000
Trial: 1 / FS: 1518 / Iter: 2	55	55	44700.9	542.848	Tx : Rx : Loss : Loss% :	894018.000 894018.000 0 0.00	3270	3847	3564.000
Trial: 1 / FS: 1518 / Iter: 3	78	78	62987.6	764.922	Tx : Rx : Loss : Loss% :	1259753.000 1259753.000 0 0.00	3270	4070	3564.000
Trial: 1 / FS: 1518 / Iter: 4	89	89	72131.0	875.959	Tx : Rx : Loss : Loss% :	1442620.000 1442620.000 0 0.00	3270	3847	3564.000

Trial: 1 / FS: 1518 / Iter: 5	94	94	76702.7	931.478	Tx : 1534054.000 Rx : 1534054.000 Loss : 0 Loss% : 0.00		3270	3847	3564.000	
Trial: 1 / FS: 1518 / Iter: 6	97	97	78988.5	959.237	Tx : 1579771.000 Rx : 1579771.000 Loss : 0 Loss% : 0.00		3270	4070	3565.000	
Trial: 1 / FS: 1518 / Iter: 7	99	99	80131.5	973.117	Tx : 1602629.000 Rx : 1602629.000 Loss : 0 Loss% : 0.00		3367	4232	3590.000	
Trial: 1 / FS: 1518 / Iter: 8	99	99	80702.9	980.056	Tx : 1614058.000 Rx : 1614058.000 Loss : 0 Loss% : 0.00		3382	4325	3617.000	
Trial: 1 / FS: 1518 / Iter: 9	100	100	81274.4	986.996	Tx : 1625488.000 Rx : 1625488.000 Loss : 0 Loss% : 0.00		3622	4487	3762.000	

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	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	100.00	100	1488095.2	761.91	Tx Rate Mbps : Rx Rate Mbps : Lost Bits % :		Tx : Rx : Loss : Loss% :	29761905 29761905 0 0.000
Trial: 1 / FS: 128 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	100.00	100	844594.6	864.87	Tx Rate Mbps : Rx Rate Mbps : Lost Bits % :		Tx : Rx : Loss : Loss% :	16891892 16891892 0 0.000
Trial: 1 / FS: 256 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	100.00	100	452898.5	927.54	Tx Rate Mbps : Rx Rate Mbps : Lost Bits % :		Tx : Rx : Loss : Loss% :	9057971 9057971 0 0.000
Trial: 1 / FS: 512 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	100.00	100	234962.4	962.41	Tx Rate Mbps : Rx Rate Mbps : Lost Bits % :		Tx : Rx : Loss : Loss% :	4699248 4699248 0 0.000
Trial: 1 / FS: 1024 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	100.00	100	119731.8	980.84	Tx Rate Mbps : Rx Rate Mbps : Lost Bits % :		Tx : Rx : Loss : Loss% :	2394636 2394636 0 0.000
Trial: 1 / FS: 1280 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	100.00	100	96153.8	984.62	Tx Rate Mbps : Rx Rate Mbps : Lost Bits % :		Tx : Rx : Loss : Loss% :	1923077 1923077 0 0.000
Trial: 1 / FS: 1518 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	100.00	100	81274.4	987.00	Tx Rate Mbps : Rx Rate Mbps : Lost Bits % :		Tx : Rx : Loss : Loss% :	1625488 1625488 0 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	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3495	4280	3574
Trial: 1 / FS: 128 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3222	4342	3636
Trial: 1 / FS: 256 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3510	4297	3609
Trial: 1 / FS: 512 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3285	4342	3606
Trial: 1 / FS: 1024 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3510	4312	3575
Trial: 1 / FS: 1280 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3207	4265	3556
Trial: 1 / FS: 1518 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3622	4487	3762

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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	98.59	98.59	1467169.8	751.19			Tx : 29343378 Rx : 29343378 Loss : 0 Loss% : 0.000	
Trial: 1 / FS: 64 / Iter: 8	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	94.38	94.38	797086.1	816.22	Tx Rx Loss Loss%	: : : :	15941723 15941723 0 0.000
Trial: 1 / FS: 128 / Iter: 6	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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: 512 / Iter: 2	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	55.00	55.00	129229.3	529.32	Tx Rx Loss Loss%	: : : :	2584586 2584586 0 0.000
Trial: 1 / FS: 512 / Iter: 3	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	77.50	77.50	182095.9	745.87	Tx Rx Loss Loss%	: : : :	3641917 3641917 0 0.000
Trial: 1 / FS: 512 / Iter: 4	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	88.75	88.75	208529.1	854.14	Tx Rx Loss Loss%	: : : :	4170583 4170583 0 0.000
Trial: 1 / FS: 512 / Iter: 5	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	94.38	94.38	221745.8	908.27	Tx Rx Loss Loss%	: : : :	4434915 4434915 0 0.000
Trial: 1 / FS: 512 / Iter: 6	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	97.19	97.19	228354.1	935.34	Tx Rx Loss Loss%	: : : :	4567082 4567082 0 0.000
Trial: 1 / FS: 512 / Iter: 7	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	98.59	98.59	231658.3	948.87	Tx Rx Loss Loss%	: : : :	4633165 4633165 0 0.000
Trial: 1 / FS: 512 / Iter: 8	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	99.30	99.30	233310.3	955.64	Tx Rx Loss Loss%	: : : :	4666207 4666207 0 0.000
Trial: 1 / FS: 512 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	100.00	100.00	234962.4	962.41	Tx Rx Loss Loss%	: : : :	4699248 4699248 0 0.000
Trial: 1 / FS: 1024 / Iter: 1	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	10.00	10.00	11973.2	98.08	Tx Rx Loss Loss%	: : : :	239464 239464 0 0.000
Trial: 1 / FS: 1024 / Iter: 2	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	55.00	55.00	65852.5	539.46	Tx Rx Loss Loss%	: : : :	1317050 1317050 0 0.000
Trial: 1 / FS: 1024 / Iter: 3	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	77.50	77.50	92792.2	760.15	Tx Rx Loss Loss%	: : : :	1855843 1855843 0 0.000
Trial: 1 / FS: 1024 / Iter: 4	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	88.75	88.75	106262.0	870.50	Tx Rx Loss Loss%	: : : :	2125239 2125239 0 0.000
Trial: 1 / FS: 1024 / Iter: 5	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	94.38	94.38	112996.9	925.67	Tx Rx Loss Loss%	: : : :	2259938 2259938 0 0.000
Trial: 1 / FS: 1024 / Iter: 6	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	97.19	97.19	116364.3	953.26	Tx Rx Loss Loss%	: : : :	2327287 2327287 0 0.000
Trial: 1 / FS: 1024 / Iter: 7	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	98.59	98.59	118048.1	967.05	Tx Rx Loss Loss%	: : : :	2360961 2360961 0 0.000

Trial: 1 / FS: 1024 / Iter: 8	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-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	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3065	3640	3372.00
Trial: 1 / FS: 64 / Iter: 2	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3045	3927	3369.00
Trial: 1 / FS: 64 / Iter: 3	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3045	4247	3370.00
Trial: 1 / FS: 64 / Iter: 4	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3125	4165	3391.00
Trial: 1 / FS: 64 / Iter: 5	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3205	4167	3434.00
Trial: 1 / FS: 64 / Iter: 6	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3270	4215	3472.00
Trial: 1 / FS: 64 / Iter: 7	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3335	4230	3496.00
Trial: 1 / FS: 64 / Iter: 8	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3335	4232	3524.00
Trial: 1 / FS: 64 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3495	4280	3574.00
Trial: 1 / FS: 128 / Iter: 1	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3127	3815	3422.00
Trial: 1 / FS: 128 / Iter: 2	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3125	4005	3419.00
Trial: 1 / FS: 128 / Iter: 3	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3125	4245	3421.00
Trial: 1 / FS: 128 / Iter: 4	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3172	4150	3450.00
Trial: 1 / FS: 128 / Iter: 5	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3252	4232	3483.00
Trial: 1 / FS: 128 / Iter: 6	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3302	4182	3512.00
Trial: 1 / FS: 128 / Iter: 7	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3287	4280	3535.00
Trial: 1 / FS: 128 / Iter: 8	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3365	4295	3552.00
Trial: 1 / FS: 128 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3222	4342	3636.00
Trial: 1 / FS: 256 / Iter: 1	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3097	3672	3375.00

Trial: 1 / FS: 256 / Iter: 2	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3095	3847	3372.00
Trial: 1 / FS: 256 / Iter: 3	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3095	4152	3372.00
Trial: 1 / FS: 256 / Iter: 4	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3095	4135	3376.00
Trial: 1 / FS: 256 / Iter: 5	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3095	4105	3381.00
Trial: 1 / FS: 256 / Iter: 6	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3095	4185	3383.00
Trial: 1 / FS: 256 / Iter: 7	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3127	4217	3403.00
Trial: 1 / FS: 256 / Iter: 8	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3160	4280	3426.00
Trial: 1 / FS: 256 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3510	4297	3609.00
Trial: 1 / FS: 512 / Iter: 1	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3110	3670	3368.00
Trial: 1 / FS: 512 / Iter: 2	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3110	3975	3371.00
Trial: 1 / FS: 512 / Iter: 3	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3110	3687	3371.00
Trial: 1 / FS: 512 / Iter: 4	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3110	3735	3371.00
Trial: 1 / FS: 512 / Iter: 5	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3110	4055	3371.00
Trial: 1 / FS: 512 / Iter: 6	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3172	4120	3406.00
Trial: 1 / FS: 512 / Iter: 7	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3220	4165	3437.00
Trial: 1 / FS: 512 / Iter: 8	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3270	4215	3470.00
Trial: 1 / FS: 512 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3285	4342	3606.00
Trial: 1 / FS: 1024 / Iter: 1	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3062	3637	3376.00
Trial: 1 / FS: 1024 / Iter: 2	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3062	3865	3378.00
Trial: 1 / FS: 1024 / Iter: 3	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3062	3865	3378.00
Trial: 1 / FS: 1024 / Iter: 4	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3062	3975	3378.00

Trial: 1 / FS: 1024 / Iter: 5	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3062	3735	3378.00
Trial: 1 / FS: 1024 / Iter: 6	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3062	4007	3380.00
Trial: 1 / FS: 1024 / Iter: 7	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3175	4055	3409.00
Trial: 1 / FS: 1024 / Iter: 8	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3192	4167	3446.00
Trial: 1 / FS: 1024 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3510	4312	3575.00
Trial: 1 / FS: 1280 / Iter: 1	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3080	3657	3373.00
Trial: 1 / FS: 1280 / Iter: 2	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3062	3657	3370.00
Trial: 1 / FS: 1280 / Iter: 3	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3062	3657	3370.00
Trial: 1 / FS: 1280 / Iter: 4	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3062	4297	3370.00
Trial: 1 / FS: 1280 / Iter: 5	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3062	4152	3370.00
Trial: 1 / FS: 1280 / Iter: 6	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3077	4102	3373.00
Trial: 1 / FS: 1280 / Iter: 7	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3127	4070	3395.00
Trial: 1 / FS: 1280 / Iter: 8	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3175	4137	3422.00
Trial: 1 / FS: 1280 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3207	4265	3556.00
Trial: 1 / FS: 1518 / Iter: 1	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3272	3847	3568.00
Trial: 1 / FS: 1518 / Iter: 2	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3270	3847	3564.00
Trial: 1 / FS: 1518 / Iter: 3	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3270	4070	3564.00
Trial: 1 / FS: 1518 / Iter: 4	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3270	3847	3564.00
Trial: 1 / FS: 1518 / Iter: 5	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3270	3847	3564.00
Trial: 1 / FS: 1518 / Iter: 6	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3270	4070	3565.00
Trial: 1 / FS: 1518 / Iter: 7	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3367	4232	3590.00

Trial: 1 / FS: 1518 / Iter: 8	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3382	4325	3617.00
Trial: 1 / FS: 1518 / Iter: 9	15	16	S1900-5T-Endpoint Set-1 - Flow Group 0001	3622	4487	3762.00

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