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General Information

Date and Time Results Were Saved:	Tuesday March 3 2020 12:44:35
Serial Number of Test Set:	TS2C00PB310659C00
MAC Address of Test Port:	00-18-63-01-AB-0F
Software Version:	02.00.0028
Platform Software Version:	02.00.0056

Advanced Information

Current Job ID	TOOELE TECH COLLEGE
Current Location	TOOELE TECH COLLEGE
Comments	10G TO UVU

Port Setup

Port	10G Port 1
Port Selection	10GE
10GE Mode	LAN
Flow Control	Enable
Clock Offset (ppm)	0
Link Fault Response	Disable

Port Status

Line Rate (bps)	10GE
Link Status	Link UP
Link Speed	10GE
Link Mode	LAN

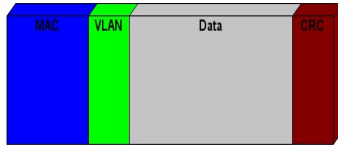
SFP Optical Module Information

Vendor	FINISAR CORP.
Part Number	FTLX1413M3BCL
Wavelength (nm)	1310.00
Rx Optical Power [dBm]	-2.57
Tx Optical Power [dBm]	-2.67

RFC 2544 Setup

RFC 2544 Header Settings

Test Layer	Layer 2
Frame Type	Ethernet II (DIX)
VLAN	1 tag



MAC

MAC Source	00-18-63-00-0C-40
MAC Destination	00-1E-90-A0-57-3C
Ethernet Type	0700

VLAN

ID	999	Priority	3	Type	8100	Drop Eligible	Disable
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RX Filter

MAC Destination	Disable
MAC Source	Disable
VLAN	Disable
VLAN Priority	Disable
VLAN Eligible	Disable
Frame Type	Disable

RFC 2544 Frames Settings

64 (68) bytes	Enable
128 (132) bytes	Enable
256 (260) bytes	Enable
512 (516) bytes	Enable
1024 (1028) bytes	Enable
1280 (1284) bytes	Enable
1518 (1522) bytes	Enable
9000 (9004) bytes	Enable

RFC 2544 Threshold Settings

Enable	% of Max Rate	Latency (us)	Jitter (us)
64 (68)bytes	95.0	1000	1000
128 (132)bytes	95.0	2000	2000
256 (260)bytes	95.0	3000	3000
512 (516)bytes	95.0	4000	4000
1024 (1028)bytes	95.0	5000	5000
1280 (1284)bytes	95.0	6000	6000
1518 (1522)bytes	95.0	7000	7000
9000 (9004)bytes	95.0	1000	8000

RFC 2544 Throughput Settings

Max Rate	9500.0Mbps
Resolution	1.5Mbps
Duration	30
Frame Loss Limit(%)	0.000 %
Enable Test	Enable

RFC 2544 Latency Settings

Test	Thrpt Rate
Duration	5
Repetitions	1
Jitter Test	Coupled
Enable Test	Enable

RFC 2544 Frame Loss Settings

Max Rate	Custom Rate
Rate	1000.0Mbps
Step Size (%)	10.000
Duration	10
Enable Test	Enable

RFC 2544 Burst Settings

Max Rate	Custom Rate
Max Rate	1000.0Mbps
MAX Duration	20
MIN Duration	2
Repetitions	1
Enable Test	Enable

Results

Status

ST:12:29:15	ET:00:12:29
Throughput Test	Done
Latency	Done
Frame Loss Test	Done
Burstability Test	Done

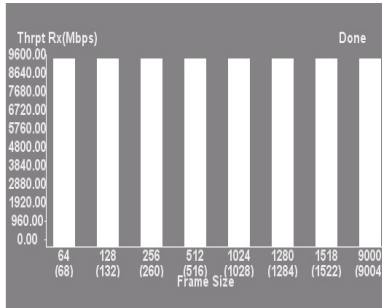
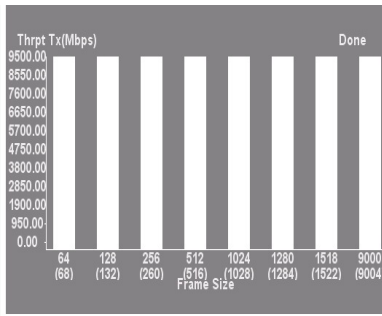
Summary

	ST:2020- 3- 3 12:29:15	ET:00:12:29
	TX	RX
Line Rate (bps)	10.000G	10.000G
Utilization (%)	0.000%	0.000%
Utilization (bps)	0	0
Framed Rate (bps)	0	0
Data Rate (bps)	0	0
Total Frames	1,241,003,375	1,241,003,400
Bad Frames	0	0
Pause Frames	0	0
Opt. Power (dBm)	-2.67	-2.57

Events Result

Time	Events	# of Events	Test
2020- 3- 3 12:29:15	Test Started		RFC 2544
2020- 3- 3 12:29:15	Test Started		Throughput
2020- 3- 3 12:33:38	Test Stopped		Throughput
2020- 3- 3 12:33:38	Test Started		Latency
2020- 3- 3 12:34:36	Test Stopped		Latency
2020- 3- 3 12:34:36	Test Started		Frame Loss
2020- 3- 3 12:37:53	Test Stopped		Frame Loss
2020- 3- 3 12:37:53	Test Started		Burst
2020- 3- 3 12:41:44	Test Stopped		Burst
2020- 3- 3 12:41:44	Test Stopped		RFC 2544

Throughput



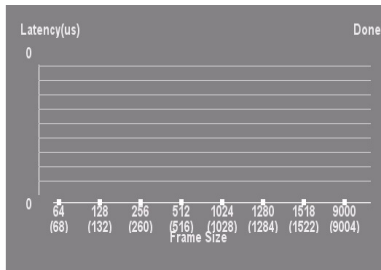
Summary

	Tx ULR (Mbps)	Tx IR (Mbps)	Tx (FPS)	Rx ULR (Mbps)	Rx IR (Mbps)	Rx (FPS)	FrmLoss (%)	Frame Loss Cnt	Thresholds
64 (68) bytes	9500.0	7340.9	13,494,319	9500.0	7340.9	13,494,319	0.000	0	Pass
128 (132) bytes	9500.0	8250.0	7,812,500	9500.0	8250.0	7,812,500	0.000	0	Pass
256 (260) bytes	9500.0	8821.4	4,241,072	9500.0	8821.4	4,241,072	0.000	0	Pass
512 (516) bytes	9500.0	9145.5	2,215,485	9500.0	9145.5	2,215,485	0.000	0	Pass
1024 (1028) bytes	9500.0	9318.7	1,133,111	9500.0	9318.7	1,133,111	0.000	0	Pass
1280 (1284) bytes	9500.0	9354.3	910,660	9500.0	9354.3	910,660	0.000	0	Pass
1518 (1522) bytes	9500.0	9376.8	770,104	9500.0	9376.8	770,104	0.000	0	Pass
9000 (9004) bytes	9500.0	9478.9	131,594	9500.1	9479.0	131,595	0.000	0	Pass

Test Log

	Tx ULR (Mbps)	Rx ULR (Mbps)	Status
64 (68) bytes	9500.0	9500.0	Pass
128 (132) bytes	9500.0	9500.0	Pass
256 (260) bytes	9500.0	9500.0	Pass
512 (516) bytes	9500.0	9500.0	Pass
1024 (1028) bytes	9500.0	9500.0	Pass
1280 (1284) bytes	9500.0	9500.0	Pass
1518 (1522) bytes	9500.0	9500.0	Pass
9000 (9004) bytes	9500.0	9500.1	Pass

Latency



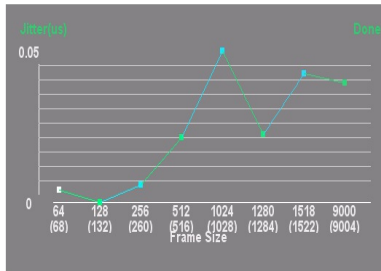
Summary

	Latency	Util. (%)	ULR (Mbps)	Thresholds
64 (68) bytes	0us	95.000	9500.0	Pass
128 (132) bytes	0us	95.000	9500.0	Pass
256 (260) bytes	0us	95.000	9500.0	Pass
512 (516) bytes	0us	95.000	9500.0	Pass
1024 (1028) bytes	0us	95.000	9500.0	Pass
1280 (1284) bytes	0us	95.000	9500.0	Pass
1518 (1522) bytes	0us	95.000	9500.0	Pass
9000 (9004) bytes	0us	95.000	9500.0	Pass

Test Log

	Latency	Util. (%)	ULR (Mbps)	Status
64 (68) bytes	0us	95.000	9500.0	Pass
128 (132) bytes	0us	95.000	9500.0	Pass
256 (260) bytes	0us	95.000	9500.0	Pass
512 (516) bytes	0us	95.000	9500.0	Pass
1024 (1028) bytes	0us	95.000	9500.0	Pass
1280 (1284) bytes	0us	95.000	9500.0	Pass
1518 (1522) bytes	0us	95.000	9500.0	Pass
9000 (9004) bytes	0us	95.000	9500.0	Pass

Jitter



Jit. Summary

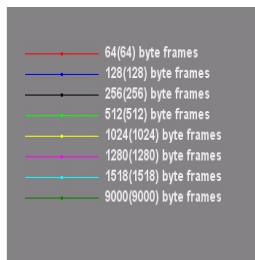
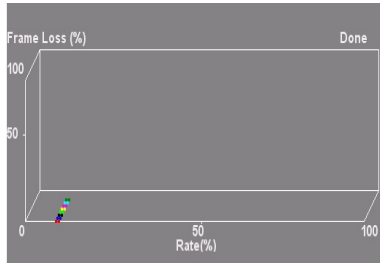
	Jitter	Util. (%)	ULR (Mbps)	Thresholds
64 (68) bytes	0us	95.000	9500.0	Pass
128 (132) bytes	0us	95.000	9500.0	Pass
256 (260) bytes	0us	95.000	9500.0	Pass
512 (516) bytes	0us	95.000	9500.0	Pass
1024 (1028) bytes	0us	95.000	9500.0	Pass
1280 (1284) bytes	0us	95.000	9500.0	Pass
1518 (1522) bytes	0us	95.000	9500.0	Pass
9000 (9004) bytes	0us	95.000	9500.0	Pass

Jit. Test Log

	Jitter	Util. (%)	ULR (Mbps)	Status
64 (68) bytes	0us	95.000	9500.0	Pass
128 (132) bytes	0us	95.000	9500.0	Pass

256(260) bytes	0us	95.000	9500.0	Pass
512(516) bytes	0us	95.000	9500.0	Pass
1024(1028) bytes	0us	95.000	9500.0	Pass
1280(1284) bytes	0us	95.000	9500.0	Pass
1518(1522) bytes	0us	95.000	9500.0	Pass
9000(9004) bytes	0us	95.000	9500.0	Pass

Frame Loss



Summary

	Frame Loss (%)	Frame Loss Cnt	Util. (%)	ULR (Mbps)
64(68) bytes	0.000	0	10.000	1000.0
128(132) bytes	0.000	0	10.000	1000.0
256(260) bytes	0.000	0	10.000	1000.0
512(516) bytes	0.000	0	10.000	1000.0
1024(1028) bytes	0.000	0	10.000	1000.0
1280(1284) bytes	0.000	0	10.000	1000.0
1518(1522) bytes	0.000	0	10.000	1000.0
9000(9004) bytes	0.000	0	10.000	1000.0

Test Log

	Frame Loss (%)	Frame Loss Cnt	Util. (%)	ULR (Mbps)
64(68) bytes	0.000	0	10.000	1000.0
64(68) bytes	0.000	0	9.000	900.0
128(132) bytes	0.000	0	10.000	1000.0
128(132) bytes	0.000	0	9.000	900.0
256(260) bytes	0.000	0	10.000	1000.0
256(260) bytes	0.000	0	9.000	900.0
512(516) bytes	0.000	0	10.000	1000.0

512(516) bytes	0.000	0	9.000	900.0
1024(1028) bytes	0.000	0	10.000	1000.0
1024(1028) bytes	0.000	0	9.000	900.0
1280(1284) bytes	0.000	0	10.000	1000.0
1280(1284) bytes	0.000	0	9.000	900.0
1518(1522) bytes	0.000	0	10.000	1000.0
1518(1522) bytes	0.000	0	9.000	900.0
9000(9004) bytes	0.000	0	10.000	1000.0
9000(9004) bytes	0.000	0	9.000	900.0

Burst

Summary

	Avg. Frame Count	status
64(68) bytes	28,409,090	Pass
128(132) bytes	16,447,368	Pass
256(260) bytes	8,928,571	Pass
512(516) bytes	4,664,179	Pass
1024(1028) bytes	2,385,496	Pass
1280(1284) bytes	1,917,177	Pass
1518(1522) bytes	1,621,271	Pass
9000(9004) bytes	277,039	Pass

Test Log

	RX Frm. Count	Exp. Frm. Count	Duration
64(68) bytes	2,840,909	2,840,909	2
64(68) bytes	28,409,090	28,409,090	20
128(132) bytes	1,644,736	1,644,736	2
128(132) bytes	16,447,368	16,447,368	20
256(260) bytes	892,857	892,857	2
256(260) bytes	8,928,571	8,928,571	20
512(516) bytes	466,417	466,417	2
512(516) bytes	4,664,179	4,664,179	20
1024(1028) bytes	238,549	238,549	2
1024(1028) bytes	2,385,496	2,385,496	20
1280(1284) bytes	191,717	191,717	2
1280(1284) bytes	1,917,177	1,917,177	20
1518(1522) bytes	162,127	162,127	2
1518(1522) bytes	1,621,271	1,621,271	20
9000(9004) bytes	27,703	27,703	2
9000(9004) bytes	277,039	277,039	20

