Packet Blazer

Job Information

Job ID	1
Contractor	ALCOMA
Customer	
Report Date	2012-12-06 13:00:46
Operator Name	LANVI

File Name: D:\MP600-660Eth.pdf

Comment: MP600-660Eth-1024QAM, EGMII

Table of Contents

1. Setup

1.1. IPversion Status

Port	IP Version
Port1	IPv4
Port2	IPv4

2. Summary

2.1. Alarm

2.1.1. Alarms

2.1.1.1. Global

Alarm	H
Global	No Fault
Log Full	No Fault

2.1.1.2. Port

Alarm	H [1]	H [2]
LOS	N/A	N/A
Frequency	No Fault	No Fault

Frequency Analysis	Value [1]	Value [2]
Freq (bps)	--	--
Offset (ppm)	-6	-16

2.1.1.3.

Alarm	H [1]	H [2]
Error	No Fault	No Fault
Link	No Fault	No Fault

2.1.1.4. Higher Layer Protocol

Alarm	H [1]	H [2]
Error	No Fault	No Fault

2.1.1.5. Pattern

No information is available

2.1.1.6. Other

No information is available

2.1.2. Logger

2.1.2.1. Logger Events

ID	Date/Time	Data Path	Event	Duration	Count	Rate
1	2012-12-06 11:46:30	Test 1	Test Started			
2	2012-12-06 12:01:19	Test 1	Test Stopped			

2.2. Test

2.2.1. Test Status

Item	Value
Start Time:	2012-12-06 11:46:30
Port 1 Link	Up
Port 2 Link	Up
Expert Mode Verdict	--
RFC 2544	Completed

2.2.2. Test Configuration

Item	Value
Application Type	RFC 2544 - Dual Ports
Test Name	TEST
Test Description	

2.2.3. Test Preferences

Item	Value
Couple Start/Enable TX	Enabled

3. RFC 2544

3.1. Global

3.1.1. Configuration

Item	Value
Frame Size Distribution	User Defined
Quantity	7
Frame Size 1	64
Frame Size 2	128
Frame Size 3	256
Frame Size 4	512
Frame Size 5	1518
Frame Size 6	2048
Frame Size 7	10240
Direction	Bidirectional
Coupled	Enabled

3.1.2. Test Procedure

Test	Status	State
Throughput	Enabled	Completed
Back-to-Back	Disabled	--
Frame Loss	Disabled	--
Latency	Enabled	Completed

3.2. Throughput

3.2.1. Configuration

Item	Value
Test Time (MM:SS)	00:03
Accuracy (%)	0.1
Nb. of Acceptable Errors	0
Nb. of Trials to Average	1
Nb. of Validations	1
Maximum Rate P1-to-P2 (%)	100
Maximum Rate P2-to-P1 (%)	100
Minimum Test Time (Seconds)	--

3.2.2. Results

Item	Value
Test State	Completed
Status Message	None

3.2.2.1. Frame Count

	P1-to-P2	P2-to-P1
TX	23957	23957
RX	23957	23957

3.2.2.2. Throughput Results

3.2.2.2.1. Current

Frame Size	P1-to-P2 - Layer 1-2-3 (Mbps)	P2-to-P1 - Layer 1-2-3 (Mbps)
64	763.636364	763.636364
128	711.538462	711.538462
256	683.168317	683.168317
512	670.025189	670.025189
1518	660.085837	660.085837
2048	658.598726	658.598726
10240	655.465406	655.465406

3.2.2.2.2. Minimum

Frame Size	P1-to-P2 - Layer 1-2-3 (Mbps)	P2-to-P1 - Layer 1-2-3 (Mbps)
64	763.636364	763.636364
128	711.538462	711.538462
256	683.168317	683.168317
512	670.025189	670.025189
1518	660.085837	660.085837
2048	658.598726	658.598726
10240	655.465406	655.465406

3.2.2.2.3. Maximum

Frame Size	P1-to-P2 - Layer 1-2-3 (Mbps)	P2-to-P1 - Layer 1-2-3 (Mbps)
64	763.636364	763.636364
128	711.538462	711.538462
256	683.168317	683.168317
512	670.025189	670.025189
1518	660.085837	660.085837
2048	658.598726	658.598726
10240	655.465406	655.465406

3.2.2.2.4. Average

Frame Size	P1-to-P2 - Layer 1-2-3 (Mbps)	P2-to-P1 - Layer 1-2-3 (Mbps)
64	763.636364	763.636364
128	711.538462	711.538462
256	683.168317	683.168317
512	670.025189	670.025189
1518	660.085837	660.085837
2048	658.598726	658.598726
10240	655.465406	655.465406

3.3. Latency

3.3.1. Configuration

Item	P1-to-P2	P2-to-P1
Test Time (MM:SS)	00:05	00:05
Nb. of Trials to Average	1	1
Maximum Rate - Frame Size 64	65	65
Maximum Rate - Frame Size 128	65	65
Maximum Rate - Frame Size 256	65	65
Maximum Rate - Frame Size 512	65	65
Maximum Rate - Frame Size 1518	65	65
Maximum Rate - Frame Size 2048	65	65
Maximum Rate - Frame Size 10240	65	65
Unit	%	%
Minimum Test Time (Seconds)	--	--
Copy From Throughput Test	Disabled	Disabled
Margin (%)	N/A	N/A

3.3.2. Results

Item	Value
Test State	Completed
Status Message	None

3.3.2.1. Frame Count

	P1-to-P2	P2-to-P1
TX	39596	39596
RX	39596	39596

3.3.2.2. Latency Results

3.3.2.2.1. Current

Frame Size	P1-to-P2 Rate (%)	P1-to-P2 - Cut Through (µs)	P2-to-P1 Rate (%)	P2-to-P1 - Cut Through (µs)
64	65.0	60.288000000000004	65.0	60.236
128	65.0	62.138999999999996	65.0	62.191
256	65.0	66.101	65.0	65.843
512	65.0	72.324	65.0	73.301999999999992
1518	65.0	101.285	65.0	100.72
2048	65.0	115.894	65.0	116.20400000000001
10240	65.0	347.582	65.0	347.222

3.3.2.2.2. Minimum

Frame Size	P1-to-P2 Rate (%)	P1-to-P2 - Cut Through (µs)	P2-to-P1 Rate (%)	P2-to-P1 - Cut Through (µs)
64	65.0	60.288000000000004	65.0	60.236
128	65.0	62.138999999999996	65.0	62.191
256	65.0	66.101	65.0	65.843
512	65.0	72.324	65.0	73.301999999999992
1518	65.0	101.285	65.0	100.72
2048	65.0	115.894	65.0	116.20400000000001
10240	65.0	347.582	65.0	347.222

3.3.2.2.3. Maximum

Frame Size	P1-to-P2 Rate (%)	P1-to-P2 - Cut Through (µs)	P2-to-P1 Rate (%)	P2-to-P1 - Cut Through (µs)
64	65.0	60.288000000000004	65.0	60.236
128	65.0	62.138999999999996	65.0	62.191
256	65.0	66.101	65.0	65.843
512	65.0	72.324	65.0	73.301999999999992
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2048	65.0	115.894	65.0	116.20400000000001
10240	65.0	347.582	65.0	347.222

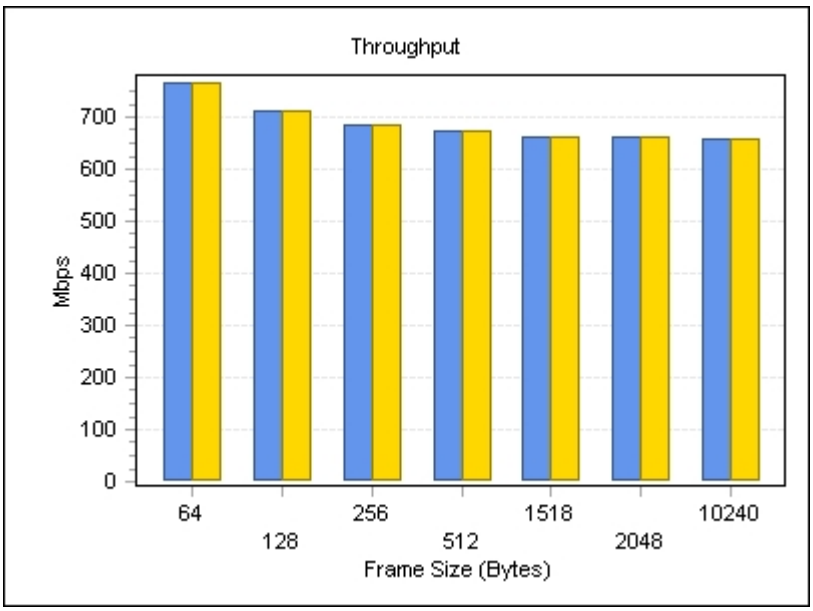
3.3.2.2.4. Average

Frame Size	P1-to-P2 Rate (%)	P1-to-P2 - Cut Through (µs)	P2-to-P1 Rate (%)	P2-to-P1 - Cut Through (µs)
64	65.0	60.288000000000004	65.0	60.236
128	65.0	62.138999999999996	65.0	62.191
256	65.0	66.101	65.0	65.843
512	65.0	72.324	65.0	73.301999999999992
1518	65.0	101.285	65.0	100.72
2048	65.0	115.894	65.0	116.20400000000001
10240	65.0	347.582	65.0	347.222

3.4. Graph

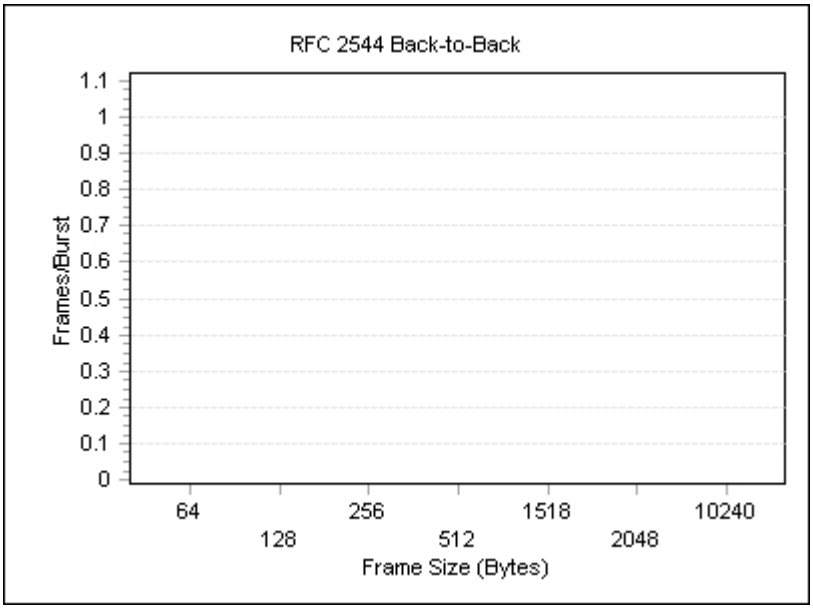
3.4.1. Throughput

Displayed Results	Current
Direction	Bidirectional
Unit	Mbps
Layer	Layer 1-2-3



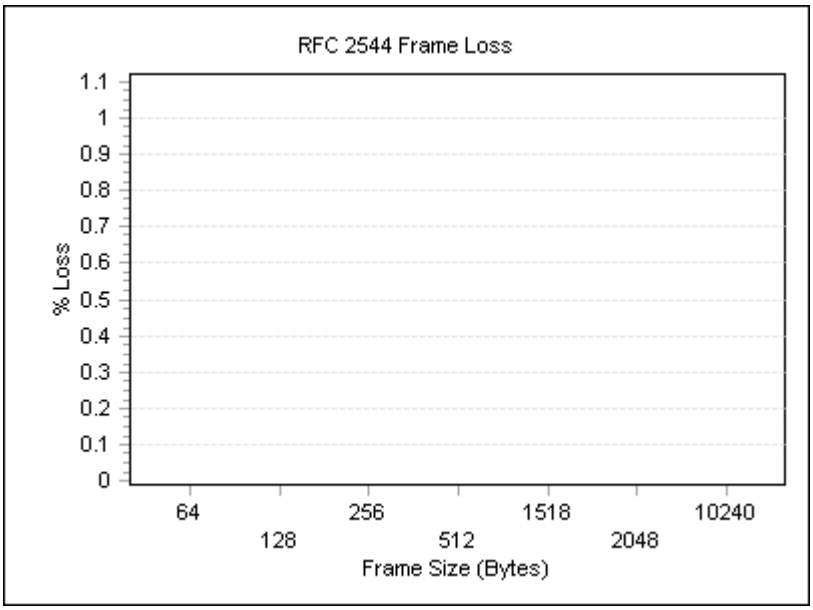
3.4.2. RFC 2544 Back-to-Back

Displayed Results	Current
Direction	P1-to-P2
Unit	Frames/Burst
Layer	Layer 1-2-3



3.4.3. RFC 2544 Frame Loss

Displayed Results	Current
Direction	P1-to-P2
Unit	% Loss
Displayed Step	N/A



3.4.4. RFC 2544 Latency

Displayed Results	Current
Direction	Bidirectional
Unit	µs
Mode	Cut Through