

# Xena2544 Test Report

## Test Summary

Test company: Xena Networks  
 Customer: Apcela  
 Test Date and Time: 2019-08-21, 01:37  
 Test Duration: 00:08:35 (h:m:s)  
 Generated By: Xena2544 v2.44, running on 'Microsoft Windows 7 Professional'  
 Comments: Mount Pleasant, UT site

## Test Setup

### Test Configuration

#### Main Test Options

Topology: Pairs  
 Direction: Bidirectional  
 Frame Size Type: Custom Sizes  
 Frame Sizes Used: 64,128,256,512,1024,1518,9000  
 Toggle Port Sync: Yes  
 Sync Off Duration: 1 seconds  
 Sync On Delay: 1 seconds  
 Flow Creation Type: Stream-based  
 Enable Multi-Stream: No

#### Test Type Selection

Throughput Test: Enabled  
 Latency and Jitter Test: Disabled  
 Frame Loss Rate Test: Disabled  
 Back-to-Back Test: Disabled

### Port Configuration

Used Port Count: 1

#### Used Chassis Summary

Chassis ID	Chassis Name	Address and Port
C-0	SLC Xena 10g	10.5.5.60:22606

#### Used Ports Summary

Port ID	Interface Type	Port Group	Port Peer	Port Speed	Port Rate
P-0-0-0	SFP+ SR 850 nm	East	P-0-0-0	AUTO	10 G

#### Port Traffic Setup

Port ID	IP Address & Gateway	Protocol Segment Profile
P-0-0-0	No address specified	2: Ethernet / VLAN (888)

# Throughput Test Results

## Test Setup

Time Duration: 60 seconds  
 Iterations: 1  
 Initial Rate: 0.100 %  
 Maximum Rate: 0.100 %  
 Minimum Rate: 0.100 %  
 Resolution: 0.100 %  
 Use Pass Threshold: No  
 Pass Threshold: 7.500 %  
 Acceptable Loss: 0.000 %  
 Rate Result Scope: Common Result  
 Use Fast Binary Search: No

## Test Results

### Test Results Summary

Total tests executed: 7

Success: All tests passed!

### Detailed Test Results

Frame Size	64	128	256	512	1024	1518
Result State	PASS	PASS	PASS	PASS	PASS	PASS
Tx Rate (Percent)	0.1 %	0.1 %	0.1 %	0.1 %	0.1 %	0.1 %
Tx (Frames)	892,800	506,700	271,680	140,940	71,820	48,720
Tx Rate (L1) (Bit/s)	10 M	10 M	10 M	10 M	10 M	9.99 M
Tx Rate (L2) (Bit/s)	7.62 M	8.65 M	9.27 M	9.62 M	9.81 M	9.86 M
Tx Rate (Fps)	14,880	8,445	4,528	2,349	1,197	812
Rx (Frames)	892,800	506,700	271,680	140,940	71,820	48,720
Loss (Frames)	0	0	0	0	0	0
Loss Rate (Percent)	0 %	0 %	0 %	0 %	0 %	0 %
BER (est)	0	0	0	0	0	0
P-0-0-0						
- Tx (Frames)	892,800	506,700	271,680	140,940	71,820	48,720
- Tx Rate (L1) (Bit/s)	10 M	10 M	10 M	10 M	10 M	9.99 M
- Tx Rate (L2) (Bit/s)	7.62 M	8.65 M	9.27 M	9.62 M	9.81 M	9.86 M
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- Rx Rate (Fps)	14,880	8,445	4,528	2,349	1,197	812

Frame Size	9000
Result State	PASS
Tx Rate (Percent)	0.1 %
Tx (Frames)	8,280
Tx Rate (L1) (Bit/s)	9.96 M
Tx Rate (L2) (Bit/s)	9.94 M
Tx Rate (Fps)	138
Rx (Frames)	8,280
Loss (Frames)	0
Loss Rate (Percent)	0 %
BER (est)	0
P-0-0-0	
- Tx (Frames)	8,280
- Tx Rate (L1) (Bit/s)	9.96 M
- Tx Rate (L2) (Bit/s)	9.94 M
- Tx Rate (Fps)	138
- Rx (Frames)	8,280
- Rx Rate (L1) (Bit/s)	9.96 M

- Rx Rate (L2) (Bit/s)	9.94 M
- Rx Rate (Fps)	138

