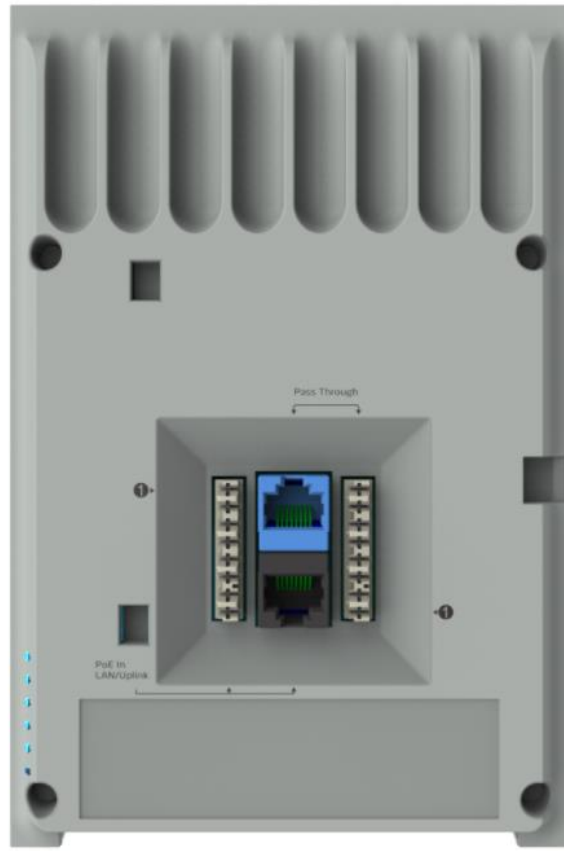


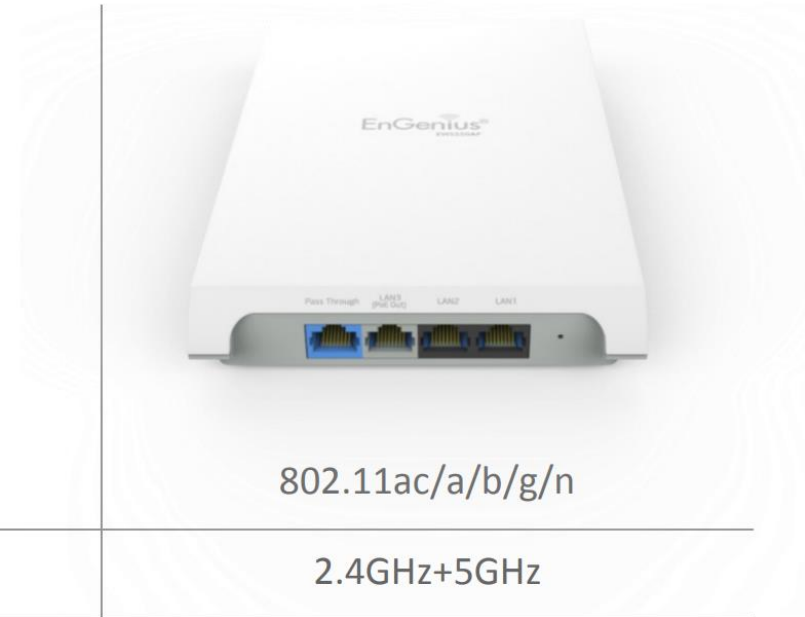
ENS550 test result

By N.V.K. Inter CO., LTD.

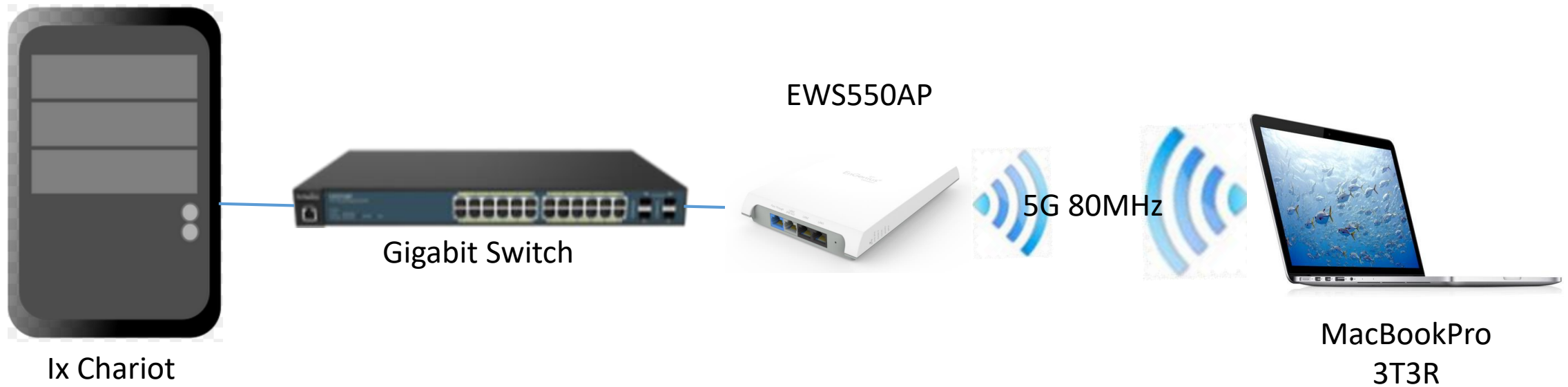
ENS550AP Dual Band AC1300 Managed Wall Plate Access Point



ENS550AP Dual Band AC1300 Managed Wall Plate Access Point



Standards	802.11ac/a/b/g/n
Frequency	2.4GHz+5GHz
Data Rates	400Mbps + 867 Mbps
Antennas	2.4GHz: 4.0dBi; 5GHz: 6.0dBi
Physical Interface	3 x Gigabit LAN
Radio Chains/Streams	2x2: 2



EWS550AC lan 1 <-> lan notebook



ixChariot Test - untitled2.tst

File Edit View Run Tools Window Help

ALL TCP SCR EP1 EP2 SQ PG PC XIXIA

Test Setup | Throughput | Transaction Rate | Response Time | Raw Data Totals | Endpoint Configuration

Group	Pair Group Name	Run Status	Timing Records Completed	Endpoint 1	Endpoint 2	Network Protocol	Service Quality	Script/Stream Filename	Pair Comment	Console knows Endpoint 1	Console Protocol	Console Serv. Qual.	Endpoint 1 knows Endpoint 2	UDP Comp with RFC7
All Pairs			207											
	Pair 1 No Group	Finished	33	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a	10.0.1.150	n/a	
	Pair 2 No Group	Finished	27	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a	10.0.1.150	n/a	
	Pair 3 No Group	Finished	100	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a	10.0.1.150	n/a	
	Pair 4 No Group	Finished	47	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a	10.0.1.150	n/a	
	Pair 5 No Group	n/a	0	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a	10.0.1.149	n/a	
	Pair 6 No Group	n/a	0	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a	10.0.1.149	n/a	
	Pair 7 No Group	n/a	0	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a	10.0.1.149	n/a	
	Pair 8 No Group	n/a	0	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a	10.0.1.149	n/a	

Throughput

Mbps

Elapsed time (h:mm:ss)

Legend

- All Pairs

Pairs: 8 | Start: 7/7/2017, 3:05:08 PM | Ixia Configuration: | End: 7/7/2017, 3:05:26 PM | Run time: 00:00:18 | Ran to completion

EWS550AC lan 1 <-> lan macbook

ixChariot Test - untitled2.tst

File Edit View Run Tools Window Help

ALL TCP SCR EP1 EP2 SQ PG PC IXIA

Test Setup | Throughput | Transaction Rate | Response Time | Raw Data Totals | Endpoint Configuration

Group	Pair Group Name	Run Status	Timing Records Completed	Endpoint 1	Endpoint 2	Network Protocol	Service Quality	Script/Stream Filename	Pair Comment	Console knows Endpoint 1	Console Protocol	Console Serv. Qual.	Endpoint 1 knows Endpoint 2	UDP Comp with RFC7
All Pairs			394											
	Pair 1 No Group	n/a	0	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 2 No Group	n/a	0	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 3 No Group	n/a	0	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 4 No Group	n/a	0	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 5 No Group	Finished	99	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.149	n/a
	Pair 6 No Group	Finished	100	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.149	n/a
	Pair 7 No Group	Finished	97	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.149	n/a
	Pair 8 No Group	Finished	98	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.149	n/a

Throughput

Legend: All Pairs

Pairs: 8 | Start: 7/7/2017, 3:06:51 PM | Ixia Configuration: | End: 7/7/2017, 3:07:25 PM | Run time: 00:00:34 | Ran to completion

ixChariot Test - untitled2.tst

File Edit View Run Tools Window Help

ALL TCP SCR EP1 EP2 SQ PG PC IXIA

Test Setup | Throughput | Transaction Rate | Response Time | Raw Data Totals | Endpoint Configuration

Group	Pair Group Name	Run Status	Timing Records Completed	Endpoint 1	Endpoint 2	Network Protocol	Service Quality	Script/Stream Filename	Pair Comment	Console knows Endpoint 1	Console Protocol	Console Serv. Qual.	Endpoint 1 knows Endpoint 2	UDP Comp with RFC7
All Pairs			713											
	Pair 1 No Group	Finished	77	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 2 No Group	Finished	95	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 3 No Group	Finished	74	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 4 No Group	Finished	74	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 5 No Group	Finished	96	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.149	n/a
	Pair 6 No Group	Finished	98	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.149	n/a
	Pair 7 No Group	Finished	99	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.149	n/a
	Pair 8 No Group	Finished	100	10.0.1.137	10.0.1.149	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.149	n/a

Throughput

Elapsed time (h:mm:ss)

Legend

- All Pairs

Pairs: 8 | Start: 7/7/2017, 3:03:15 PM | Ixia Configuration: | End: 7/7/2017, 3:04:16 PM | Run time: 00:01:01 | Ran to completion

EWS550ac MBP throughput



ixChariot Test - untitled2.tst

File Edit View Run Tools Window Help

ALL TCP SCR EP1 EP2 SQ PG PC

Test Setup | Throughput | Transaction Rate | Response Time | Raw Data Totals | Endpoint Configuration

Group	Pair Group Name	Run Status	Timing Records Completed	Endpoint 1	Endpoint 2	Network Protocol	Service Quality	Script/Stream Filename	Pair Comment	Console knows Endpoint 1	Console Protocol	Console Serv. Qual.	Endpoint 1 knows Endpoint 2	UDP Comp with RFC7
All Pairs			395											
	Pair 1 No Group	n/a	0	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 2 No Group	n/a	0	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 3 No Group	n/a	0	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 4 No Group	n/a	0	10.0.1.137	10.0.1.150	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.150	n/a
	Pair 5 No Group	Finished	99	10.0.1.137	10.0.1.118	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.118	n/a
	Pair 6 No Group	Finished	98	10.0.1.137	10.0.1.118	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.118	n/a
	Pair 7 No Group	Finished	98	10.0.1.137	10.0.1.118	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.118	n/a
	Pair 8 No Group	Finished	100	10.0.1.137	10.0.1.118	TCP		High_Performance_Throughput.scr mesh_80HT	10.0.1.137	TCP	n/a		10.0.1.118	n/a

Throughput

Legend

- All Pairs

Pairs: 8 | Start: 7/7/2017, 3:30:39 PM | Ixia Configuration: | End: 7/7/2017, 3:31:39 PM | Run time: 00:01:00 | Ran to completion

137_rashane

Interface Name: en0
Address: [REDACTED]
Create Diagnostics Report...
Open Wireless Diagnostics...

Wi-Fi: Looking for Networks...
Turn Wi-Fi Off

IXIA

manage Disconnect from manage

IP Address: 10.0.1.118
Router: 10.0.1.254
Internet: Reachable
Security: WPA2 Personal
BSSID: 88:dc:96:5c:3c:7b
Channel: 52 (DFS, 5 GHz, 80 MHz)
Country Code: TH
RSSI: -36 dBm
Noise: -81 dBm
Tx Rate: 867 Mbps
PHY Mode: 802.11ac
MCS Index: 9

ixChariot Test - untitled1.tst

File Edit View Run Tools Window Help

ALL TCP SCR EP1 EP2 SQ PG PC IXIA

Test Setup | Throughput | Transaction Rate | Response Time | Raw Data Totals | Endpoint Configuration

Group	Pair Group Name	Run Status	Timing Records Completed	Endpoint 1	Endpoint 2	Network Protocol	Service Quality	Script/Stream Filename	Pair Comment	Console knows Endpoint 1	Console Protocol	Console Serv. Qual.	Endpoint 1 knows Endpoint 2	UDP Compli with RFC768
All Pairs			393											
	Pair 1 No Group	Finished	98	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a
	Pair 2 No Group	Finished	98	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a
	Pair 3 No Group	Finished	100	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a
	Pair 4 No Group	Finished	97	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a

Throughput

Elapsed time (h:mm:ss)

Legend

- All Pairs

Pairs: 4 | Start: 7/11/2017, 4:26:02 PM | Ixia Configuration: | End: 7/11/2017, 4:27:09 PM | Run time: 00:01:07 | Ran to completion

ixChariot Test - untitled1.tst

File Edit View Run Tools Window Help

ALL TCP SCR EP1 EP2 SQ PG PC IXIA

Test Setup | Throughput | Transaction Rate | Response Time | Raw Data Totals | Endpoint Configuration

Group	Pair Name	Run Status	Timing Records Completed	Endpoint 1	Endpoint 2	Network Protocol	Service Quality	Script/Stream Filename	Pair Comment	Console knows Endpoint 1	Console Protocol	Console Serv. Qual.	Endpoint 1 knows Endpoint 2	UDP Compli with RFC768
All Pairs			393											
	Pair 1 No Group	Finished	98	10.0.1.137	10.0.1.78	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.78	n/a
	Pair 2 No Group	Finished	100	10.0.1.137	10.0.1.78	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.78	n/a
	Pair 3 No Group	Finished	96	10.0.1.137	10.0.1.78	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.78	n/a
	Pair 4 No Group	Finished	99	10.0.1.137	10.0.1.78	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.78	n/a
	Pair 5 No Group	n/a	0	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a
	Pair 6 No Group	n/a	0	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a
	Pair 7 No Group	n/a	0	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a
	Pair 8 No Group	n/a	0	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a

Throughput

Mbps

Elapsed time (h:mm:ss)

Legend

- All Pairs

Pairs: 8 | Start: 7/11/2017, 4:50:16 PM | Ixia Configuration: | End: 7/11/2017, 4:51:20 PM | Run time: 00:01:04 | Ran to completion

ixc IxChariot Test - untitled1.tst

File Edit View Run Tools Window Help

ALL TCP SCR EP1 EP2 SQ PG PC IXIA

Test Setup | Throughput | Transaction Rate | Response Time | Raw Data Totals | Endpoint Configuration

Group	Pair Group Name	Run Status	Timing Records Completed	Endpoint 1	Endpoint 2	Network Protocol	Service Quality	Script/Stream Filename	Pair Comment	Console knows Endpoint 1	Console Protocol	Console Serv. Qual.	Endpoint 1 knows Endpoint 2	UDP Compli with RFC768
All Pairs			760											
	Pair 1 No Group	Finished	87	10.0.1.137	10.0.1.78	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.78	n/a
	Pair 2 No Group	Finished	99	10.0.1.137	10.0.1.78	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.78	n/a
	Pair 3 No Group	Finished	99	10.0.1.137	10.0.1.78	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.78	n/a
	Pair 4 No Group	Finished	99	10.0.1.137	10.0.1.78	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.78	n/a
	Pair 5 No Group	Finished	89	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a
	Pair 6 No Group	Finished	98	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a
	Pair 7 No Group	Finished	100	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a
	Pair 8 No Group	Finished	89	10.0.1.137	10.0.1.142	TCP		High_Performance_Throughput.scr test		10.0.1.137	TCP	n/a	10.0.1.142	n/a

Throughput

Elapsed time (h:mm:ss)

Legend

- All Pairs

Pairs: 8 | Start: 7/11/2017, 4:40:31 PM | Ixia Configuration: | End: 7/11/2017, 4:42:38 PM | Run time: 00:02:07 | Ran to completion