

# IxChariot

**Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\4 to 3 (Quad)\4to3TCPQuad.tst**

<b>Console version</b>	7.10 SP4
<b>Console build level</b>	207
<b>Console product type</b>	IxChariot Eval
<b>Filename</b>	C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\4 to 3 (Quad)\4to3TCPQuad.tst
<b>Run start time</b>	Tuesday, August 09, 2011, 7:57:43 AM
<b>Run end time</b>	Tuesday, August 09, 2011, 7:58:45 AM
<b>Elapsed time</b>	00:01:02
<b>How the test ended</b>	Ran to completion
<b>Number of pairs</b>	4

# Run Options

End type	Run until any pair ends
Reporting type	Real-time
Automatically poll endpoints	Yes
Polling interval (minutes)	1
Stop run upon initialization failure	Yes
Connect timeout during test (minutes)	0
Stop test after this many running pairs fail	1
Collect endpoint CPU utilization	No
Collect TCP statistics	No
Allow pair reinitialization for setup	No
Maximum number of setup reinitializations	3
Setup reinitialization wait interval (milliseconds)	10
Allow pair reinitialization at runtime	No
Maximum number of runtime reinitializations	3
Runtime reinitialization wait interval (milliseconds)	10
Validate data upon receipt	No
Use a new seed for random variables on every run	Yes
Enable Ixia hardware timestamps	Yes
Clock synchronization	'Endpoint synchronization'
Console Service Quality	
Endpoint Service Quality	
Number of Overlapped Sends	4

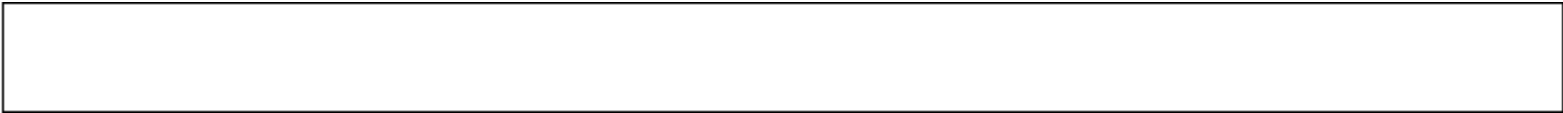
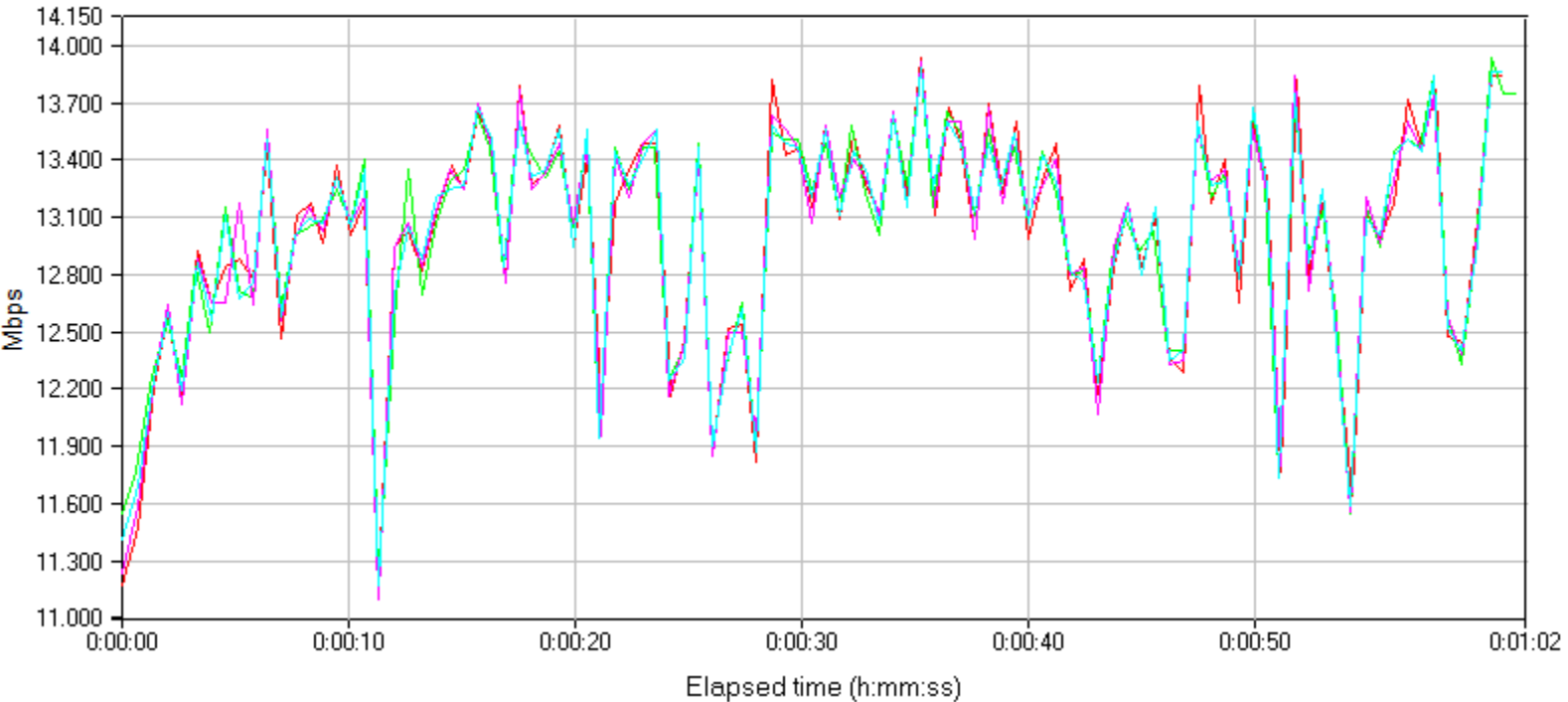
## Test Execution (Endpoint 1 to Endpoint 2)

Group/ Pair	Endpoint 1	Endpoint 2	Network Protocol	Endpoint 1 Service Quality	Endpoint 2 Service Quality	Script/Stream Name
All Pairs						
Pair 1	10.0.1.140	10.0.1.141	TCP			Throughput_10x.scr
Pair 2	10.0.1.140	10.0.1.141	TCP			Throughput_10x.scr
Pair 3	10.0.1.140	10.0.1.141	TCP			Throughput_10x.scr
Pair 4	10.0.1.140	10.0.1.141	TCP			Throughput_10x.scr

# Throughput

Group/ Pair	Average (Mbps)	Minimum (Mbps)	Maximum (Mbps)	Throughput 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	51.576	11.096	13.937			
Pair 1	12.979	11.142	13.937	0.125	61.021	0.967
Pair 2	12.995	11.204	13.937	0.119	61.562	0.916
Pair 3	12.980	11.096	13.913	0.124	61.016	0.958
Pair 4	12.983	11.173	13.889	0.121	61.001	0.931
Totals:	51.576	11.096	13.937			

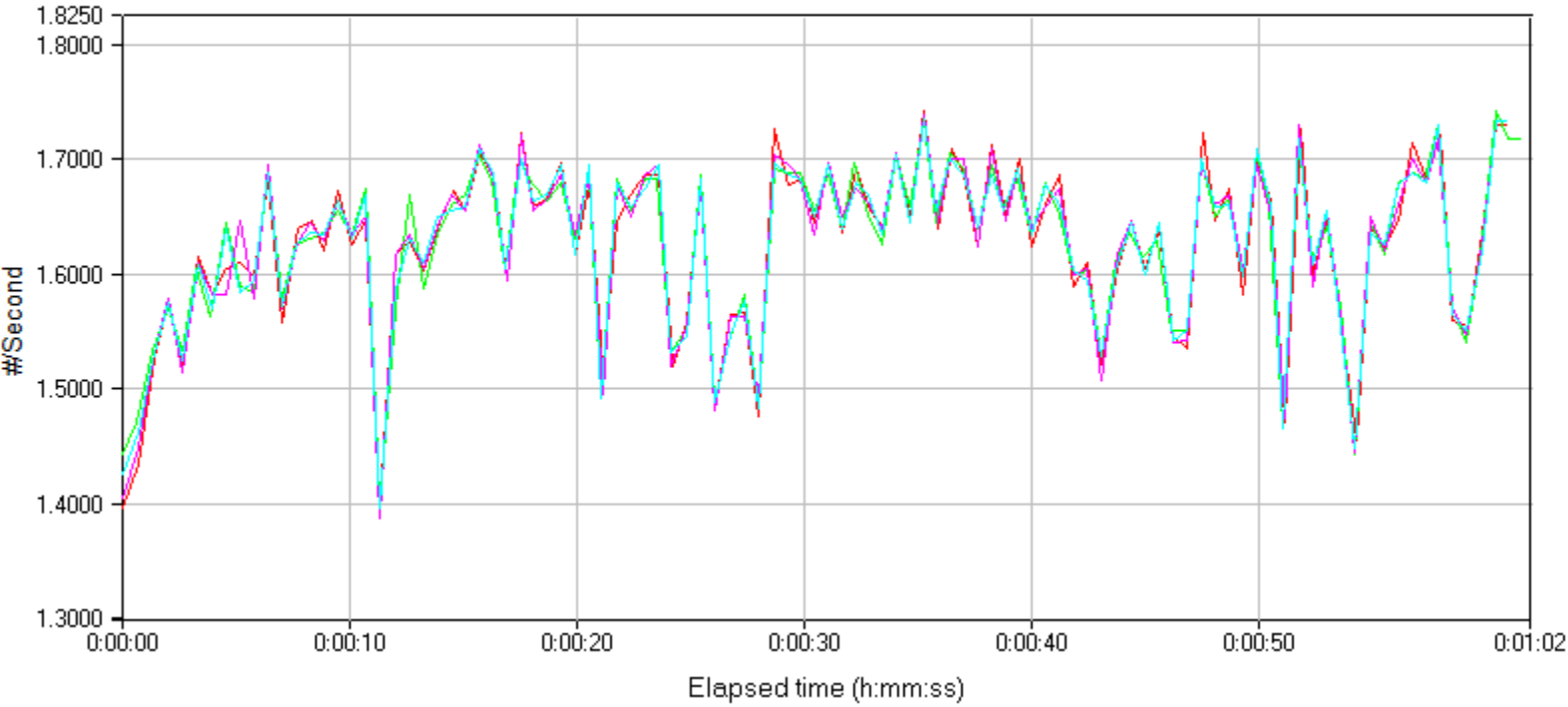
## Throughput



# Transaction Rate

Group/ Pair	Transaction Rate Average	Transaction Rate Minimum	Transaction Rate Maximum	Transaction Rate 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	6.492	1.387	1.742			
Pair 1	1.622	1.393	1.742	0.016	61.021	0.967
Pair 2	1.624	1.401	1.742	0.015	61.562	0.916
Pair 3	1.623	1.387	1.739	0.016	61.016	0.958
Pair 4	1.623	1.397	1.736	0.015	61.001	0.931
Totals:	6.492	1.387	1.742			

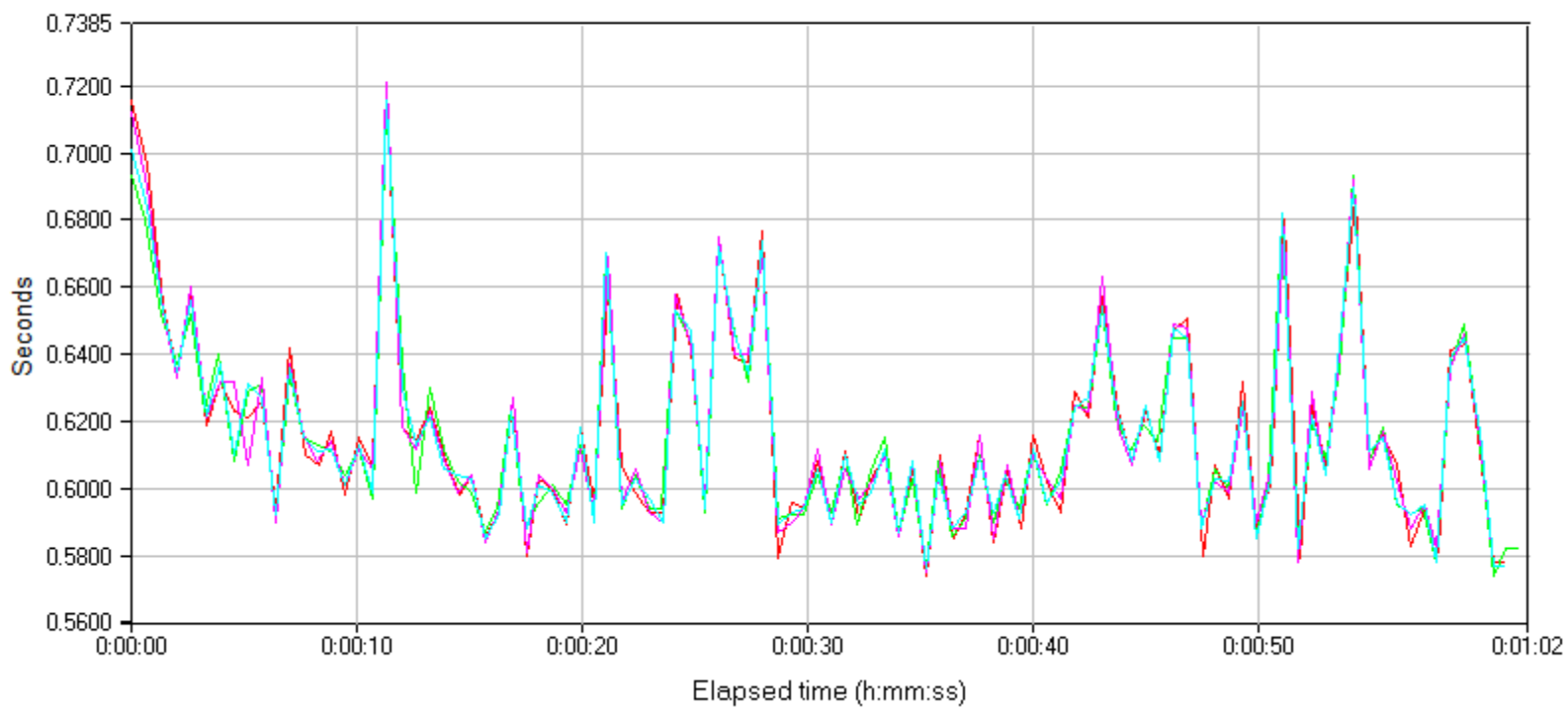
Transaction rate



Response Time

Group/ Pair	Response Time Average	Response Time Minimum	Response Time Maximum	Response Time 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	0.616	0.574	0.721			
Pair 1	0.616	0.574	0.718	0.006	61.021	0.967
Pair 2	0.616	0.574	0.714	0.006	61.562	0.916
Pair 3	0.616	0.575	0.721	0.006	61.016	0.958
Pair 4	0.616	0.576	0.716	0.006	61.001	0.931
Totals:	0.616	0.574	0.721			

## Response time



This network performance test was created and run using Ixia's *IxChariot*. Visit the [Ixia home page](#) for more information.