

# IxChariot

**Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\3 to 2 (Quad)\3to2TCPQuad.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\3 to 2 (Quad)\3to2TCPQuad.tst
<b>Run start time</b>	Tuesday, August 09, 2011, 7:49:46 AM
<b>Run end time</b>	Tuesday, August 09, 2011, 7:50:45 AM
<b>Elapsed time</b>	00:00:59
<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

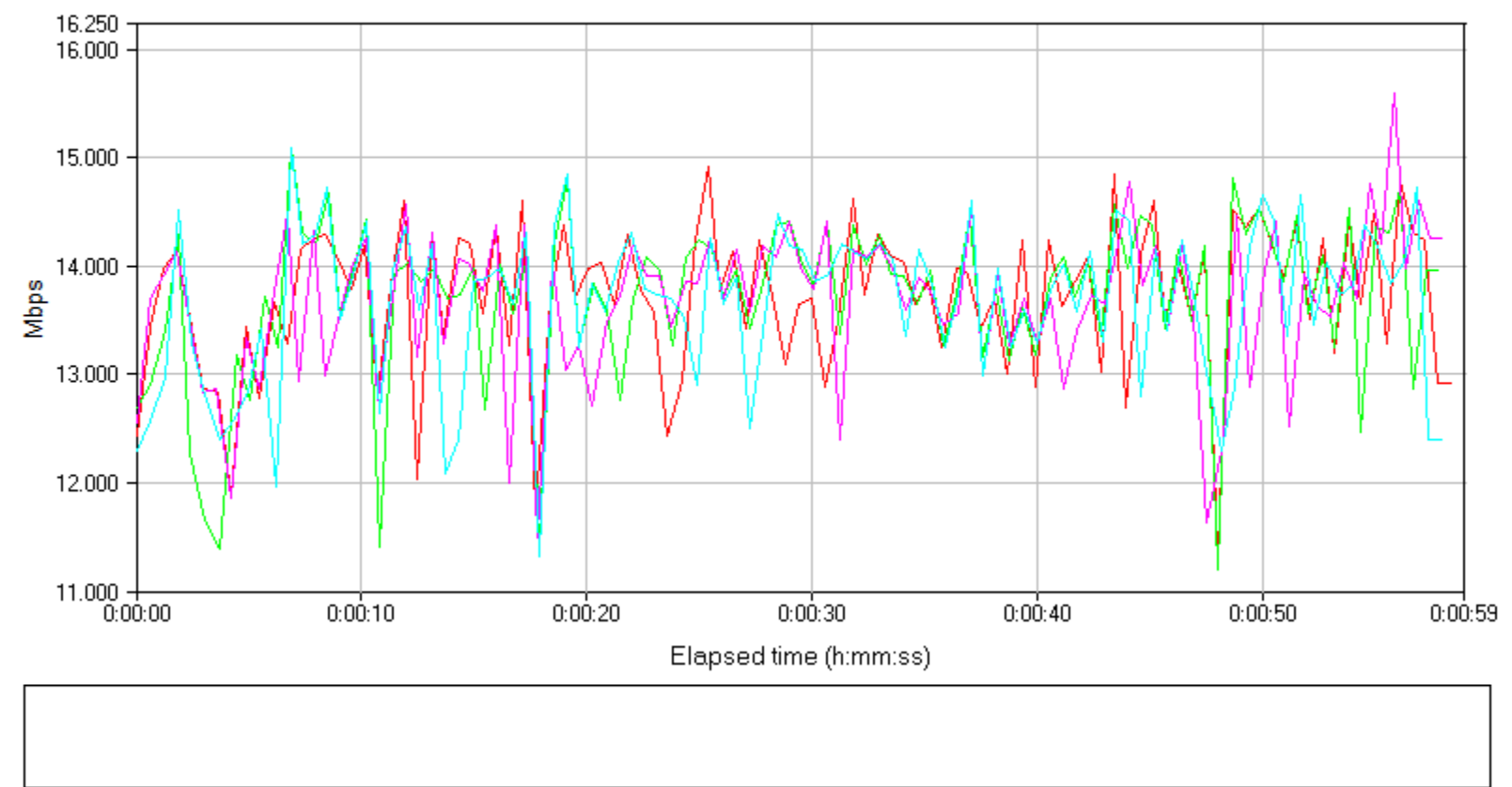
## Test Execution (Endpoint 1 to Endpoint 2)

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

# Throughput

Group/ Pair	Average (Mbps)	Minimum (Mbps)	Maximum (Mbps)	Throughput 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	54.364	11.204	15.595			
Pair 1	13.695	11.364	14.925	0.145	58.415	1.056
Pair 2	13.685	11.204	15.094	0.166	57.875	1.216
Pair 3	13.647	11.494	15.595	0.147	58.034	1.076
Pair 4	13.652	11.315	15.094	0.151	58.015	1.105
Totals:	54.364	11.204	15.595			

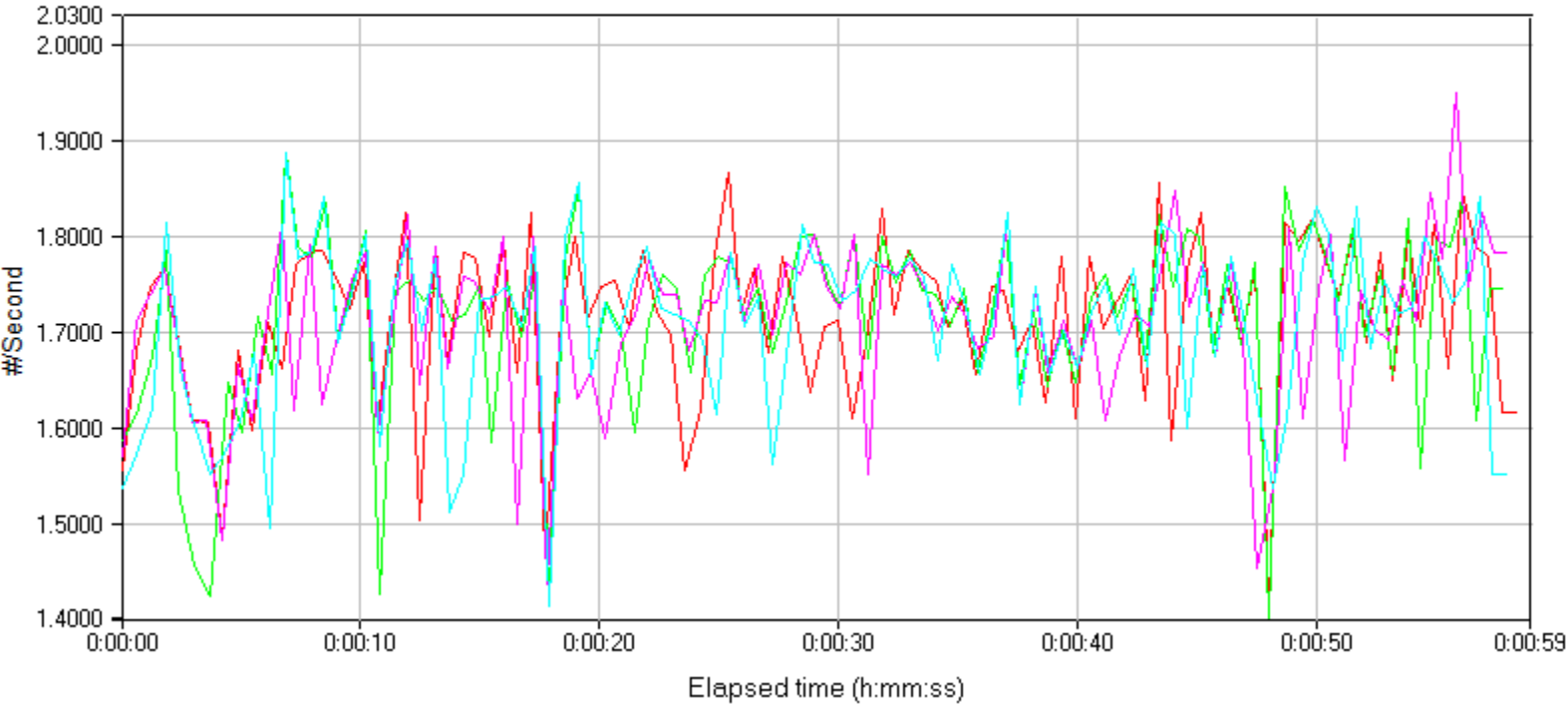
# Throughput



# 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	6.835	1.401	1.949			
Pair 1	1.712	1.420	1.866	0.018	58.415	1.056
Pair 2	1.711	1.401	1.887	0.021	57.875	1.216
Pair 3	1.706	1.437	1.949	0.018	58.034	1.076
Pair 4	1.706	1.414	1.887	0.019	58.015	1.105
Totals:	6.835	1.401	1.949			

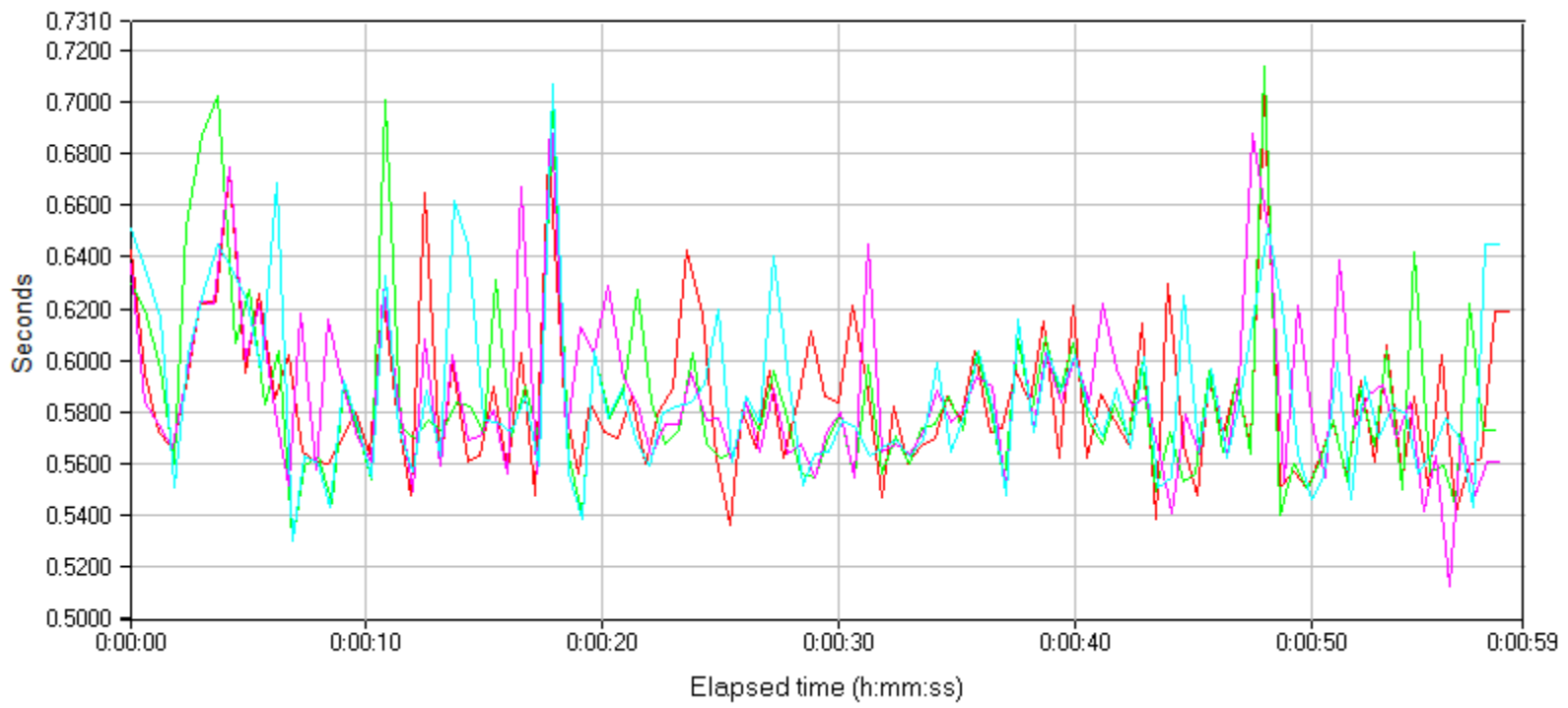
Transaction rate



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	0.585	0.513	0.714			
Pair 1	0.584	0.536	0.704	0.006	58.415	1.056
Pair 2	0.585	0.530	0.714	0.007	57.875	1.216
Pair 3	0.586	0.513	0.696	0.006	58.034	1.076
Pair 4	0.586	0.530	0.707	0.006	58.015	1.105
Totals:	0.585	0.513	0.714			

## Response time



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