

# IxChariot

**Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\2 to 1 (Quad)\2to1TCPQuad.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\2 to 1 (Quad)\2to1TCPQuad.tst
<b>Run start time</b>	Tuesday, August 09, 2011, 8:27:15 AM
<b>Run end time</b>	Tuesday, August 09, 2011, 8:28:40 AM
<b>Elapsed time</b>	00:01:25
<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

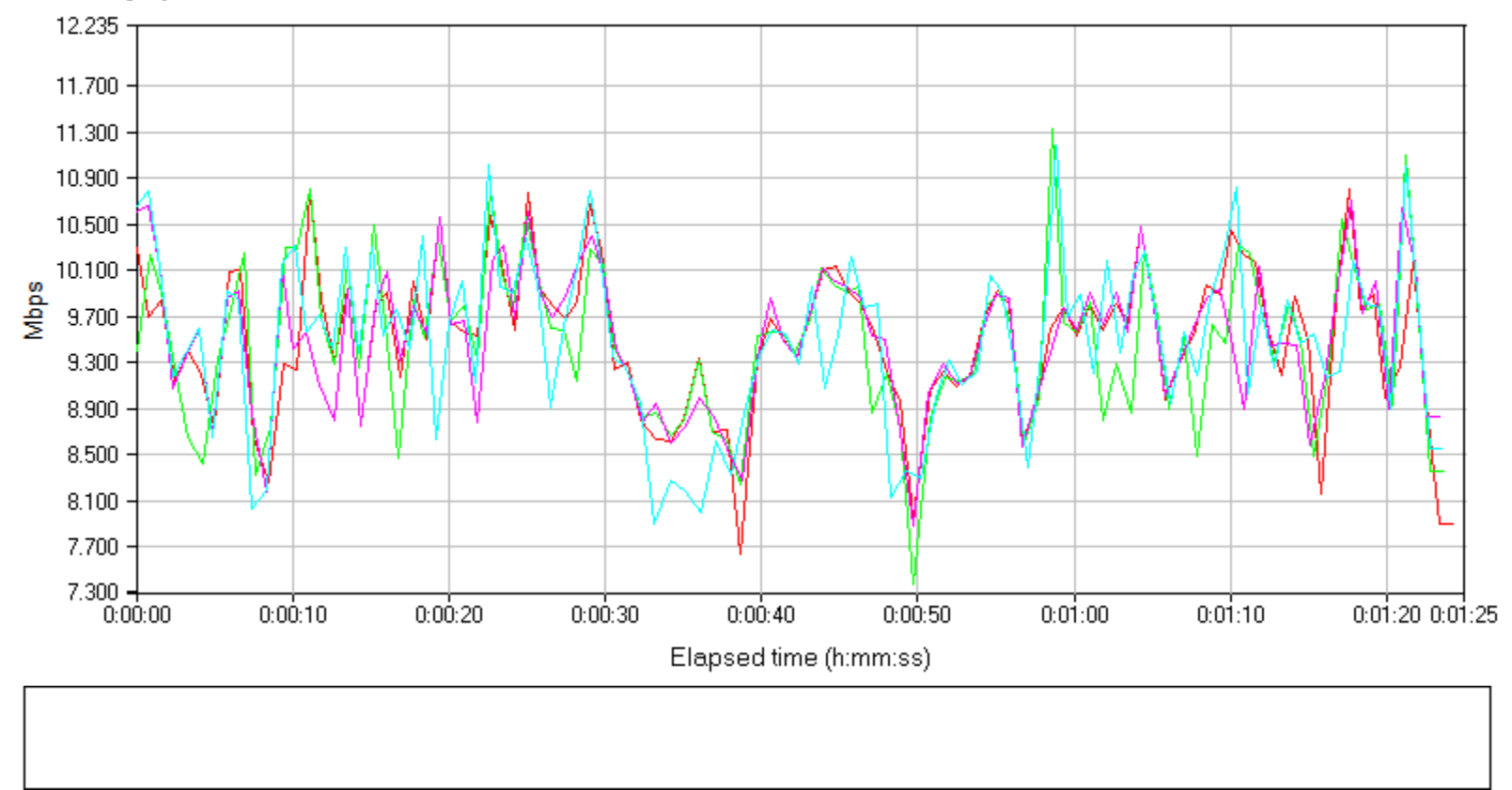
## Test Execution (Endpoint 1 to Endpoint 2)

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	37.636	7.380	11.331			
Pair 1	9.481	7.634	10.811	0.131	84.377	1.379
Pair 2	9.457	7.380	11.331	0.139	83.746	1.467
Pair 3	9.491	7.882	10.710	0.121	83.448	1.278
Pair 4	9.467	7.897	11.173	0.147	83.658	1.556
Totals:	37.636	7.380	11.331			

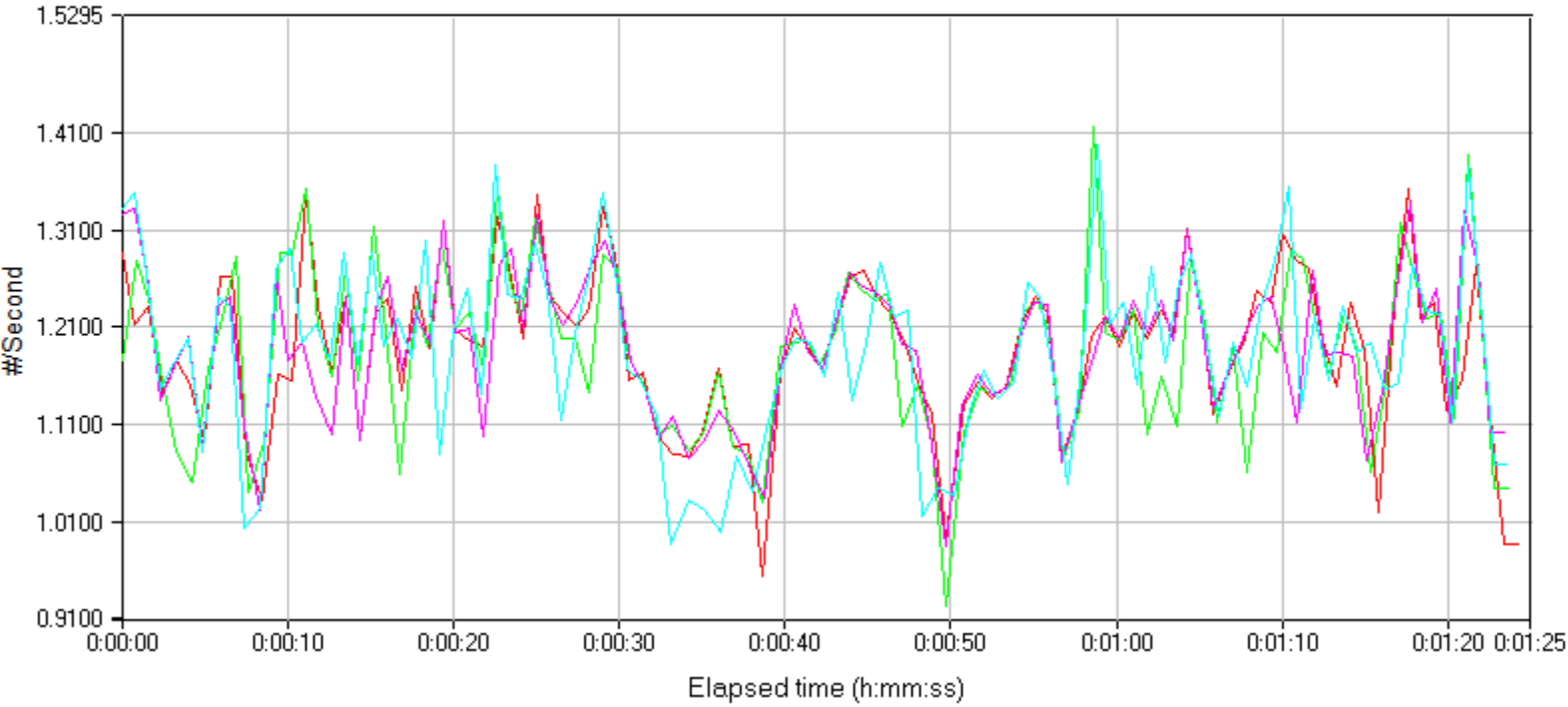
# Throughput



# 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	4.737	0.923	1.416			
Pair 1	1.185	0.954	1.351	0.016	84.377	1.379
Pair 2	1.182	0.923	1.416	0.017	83.746	1.467
Pair 3	1.186	0.985	1.339	0.015	83.448	1.278
Pair 4	1.183	0.987	1.397	0.018	83.658	1.556
Totals:	4.737	0.923	1.416			

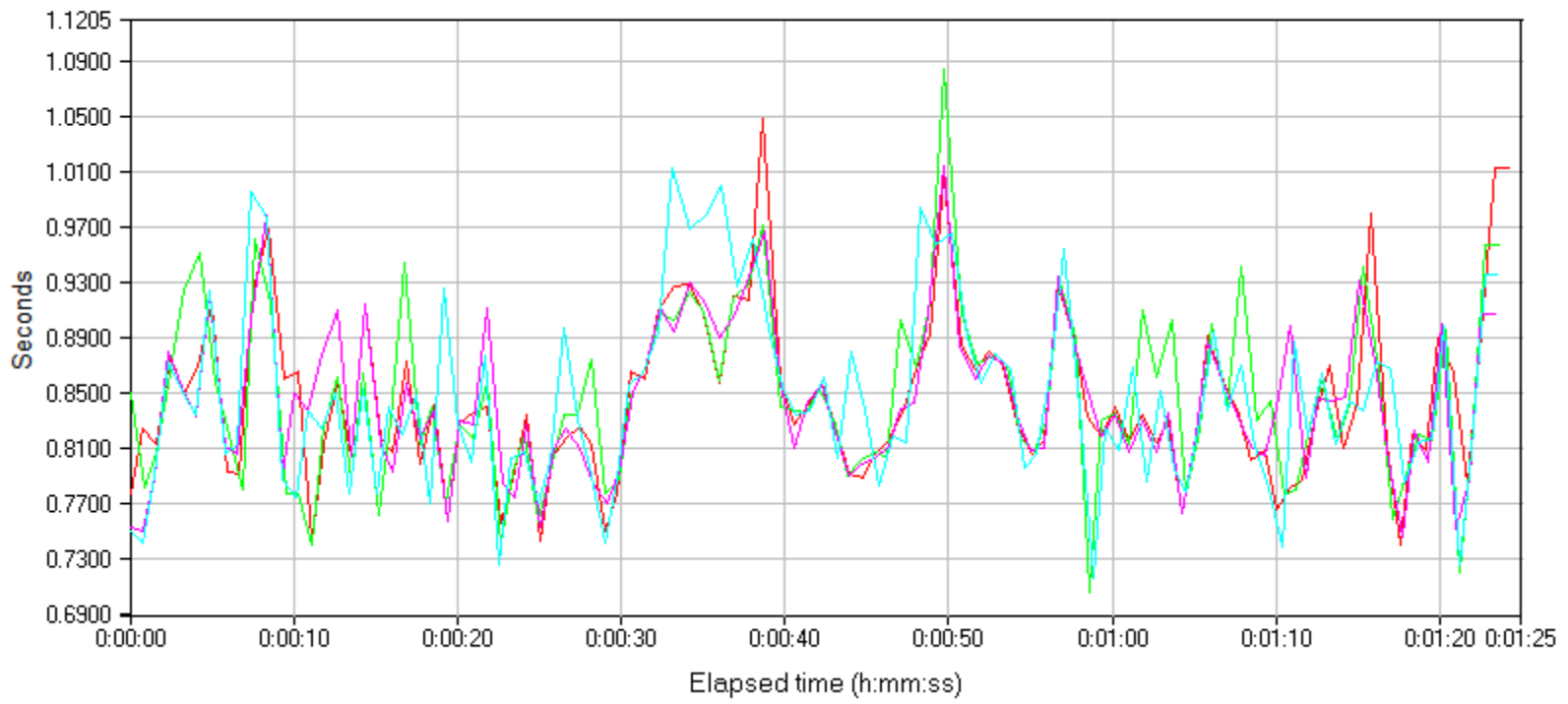
Transaction rate



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	0.844	0.706	1.084			
Pair 1	0.844	0.740	1.048	0.012	84.377	1.379
Pair 2	0.846	0.706	1.084	0.012	83.746	1.467
Pair 3	0.843	0.747	1.015	0.011	83.448	1.278
Pair 4	0.845	0.716	1.013	0.013	83.658	1.556
Totals:	0.844	0.706	1.084			

## Response time



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