

# IxChariot

**Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\SigmaDesignsHomePlugAV\TCP\4 to 2 (Single)\4to2TCPSingle.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\SigmaDesignsHomePlugAV\TCP\4 to 2 (Single)\4to2TCPSingle.tst
<b>Run start time</b>	Tuesday, August 09, 2011, 6:48:42 PM
<b>Run end time</b>	Tuesday, August 09, 2011, 6:49:02 PM
<b>Elapsed time</b>	00:00:20
<b>How the test ended</b>	Ran to completion
<b>Number of pairs</b>	1

# Run Options

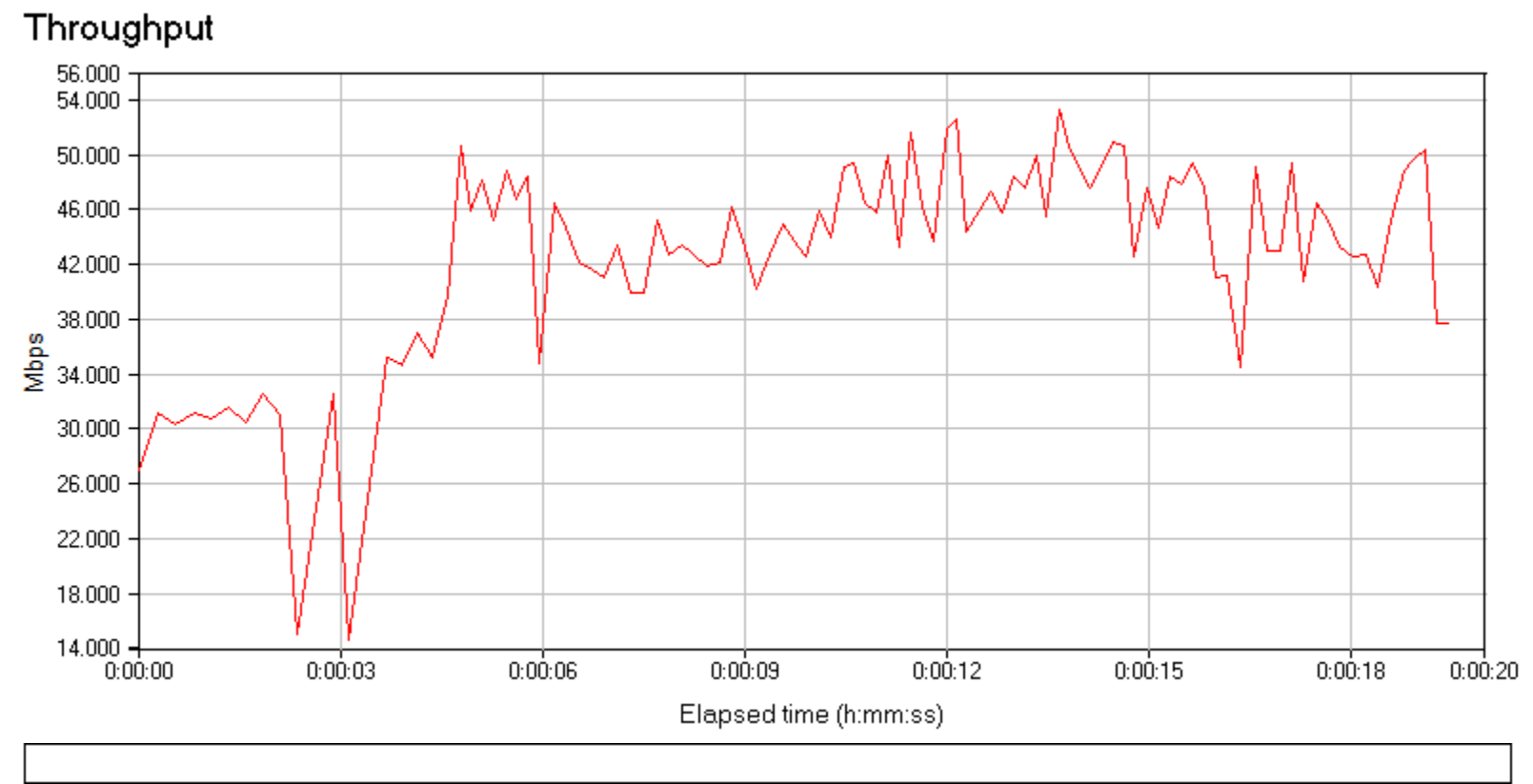
End type	Run until any pair ends
Reporting type	Real-time
Automatically poll endpoints	Yes
Polling interval (minutes)	1
Stop run upon initialization failure	Yes
Connect timeout during test (minutes)	0
Stop test after this many running pairs fail	1
Collect endpoint CPU utilization	No
Collect TCP statistics	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

# Throughput

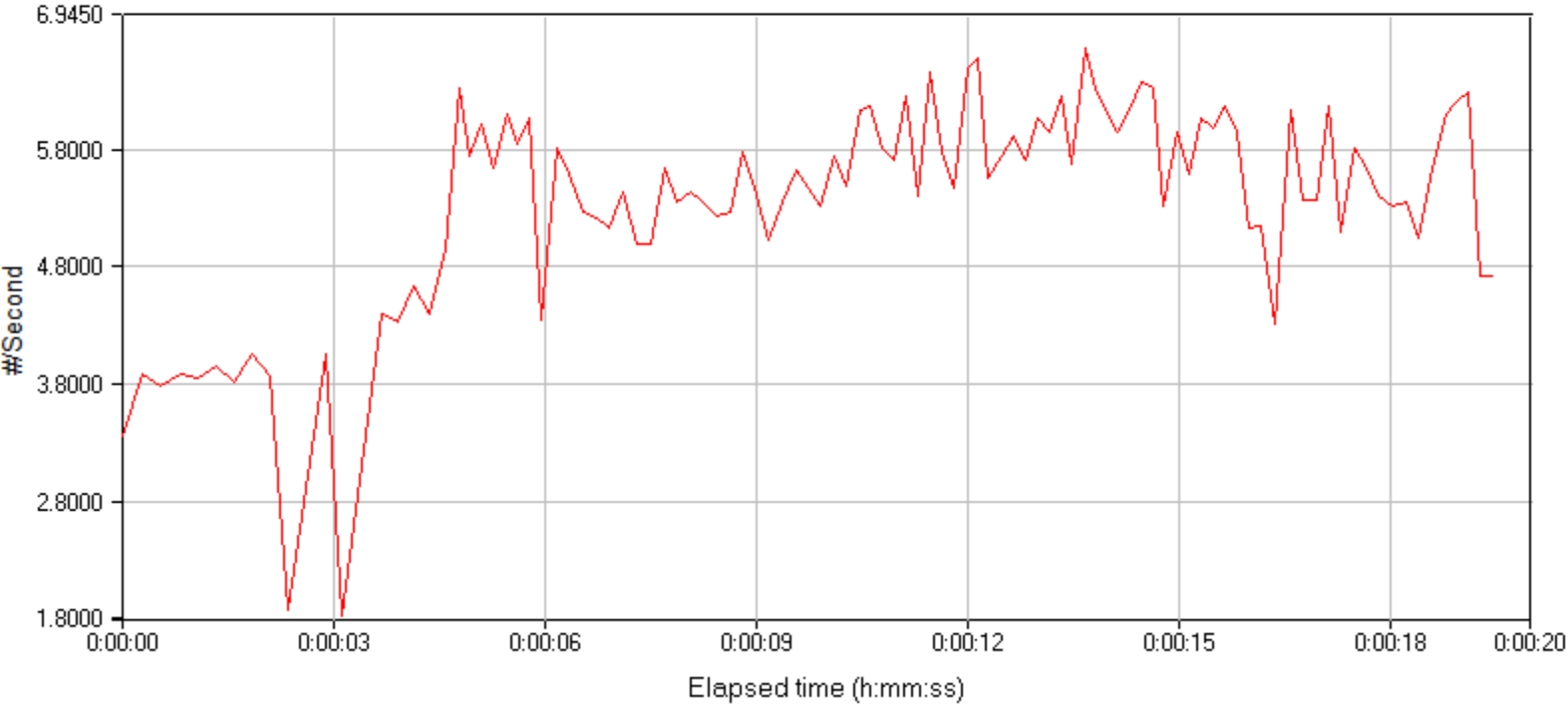
Group/ Pair	Average (Mbps)	Minimum (Mbps)	Maximum (Mbps)	Throughput 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	41.068	14.652	53.333			
Pair 1	41.087	14.652	53.333	2.428	19.471	5.910
Totals:	41.068	14.652	53.333			



# 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	5.136	1.832	6.667			
Pair 1	5.136	1.832	6.667	0.304	19.471	5.910
Totals:	5.136	1.832	6.667			

Transaction rate

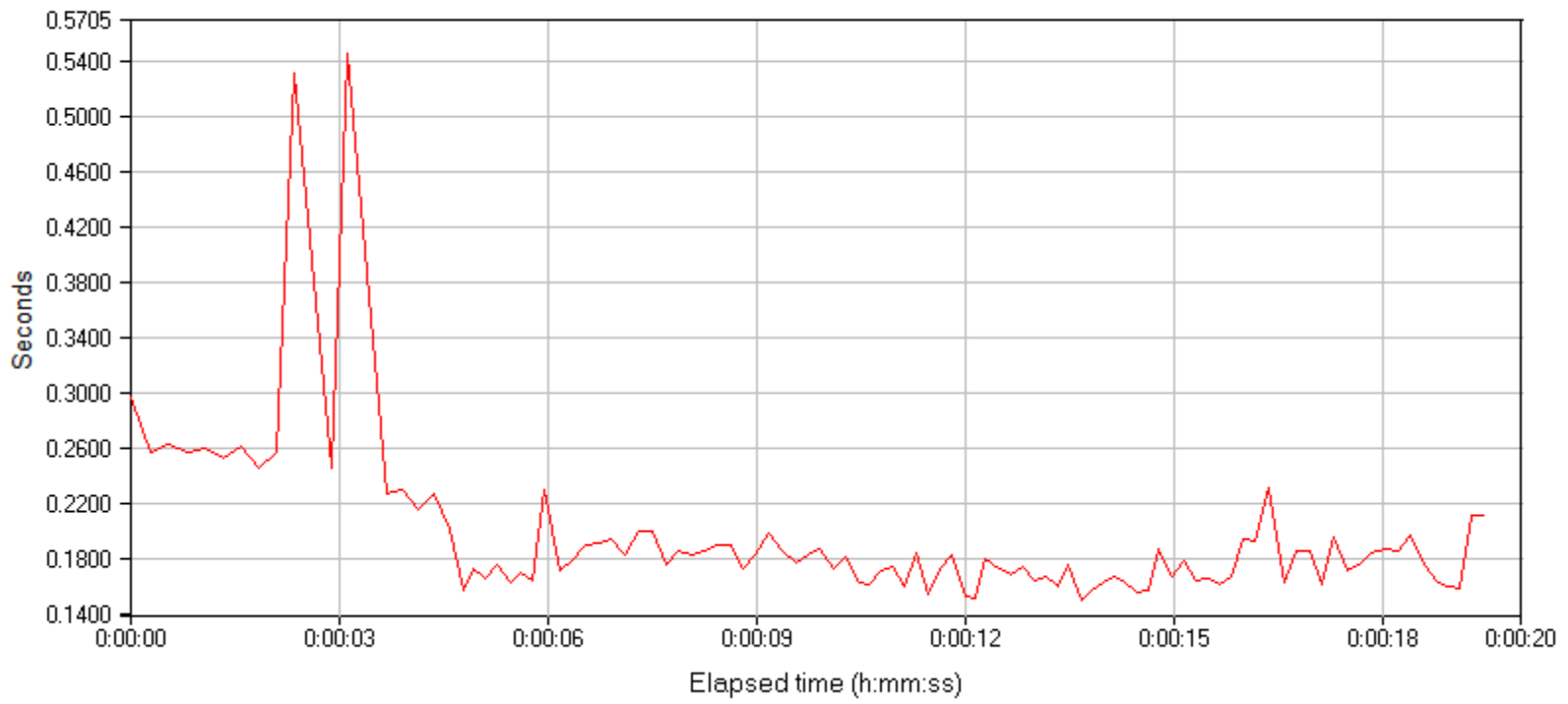


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Response Time

Group/ Pair	Response Time Average	Response Time Minimum	Response Time Maximum	Response Time 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	0.195	0.150	0.546			
Pair 1	0.195	0.150	0.546	0.012	19.471	5.910
Totals:	0.195	0.150	0.546			

## Response time



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