



# Cable ID: ASUS RT-N56U

# Test Summary: PASS

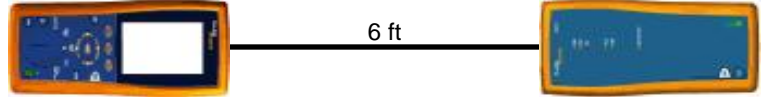
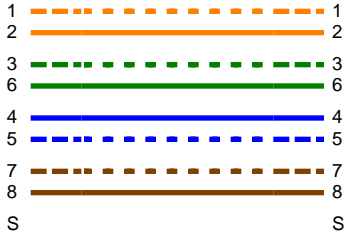
Date / Time: 12/30/2010 04:18:18pm  
**Headroom: 19.1 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

Operator: Klimanov Maxim  
 Software Version: 2.3600  
 Limits Version: 1.5000  
 NVP: 68.9%

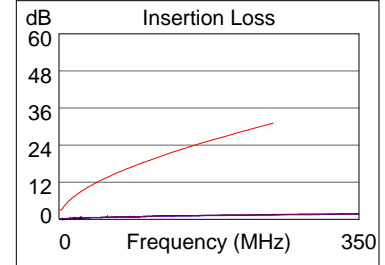
Model: DTX-1200  
 Main S/N: 9688163  
 Remote S/N: 9688164  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

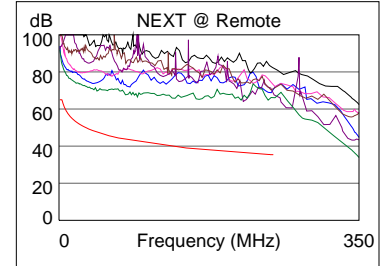
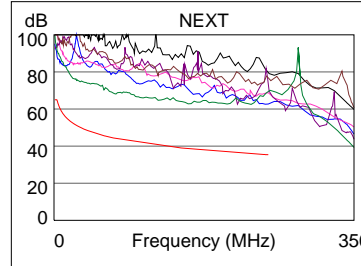
**PASS**



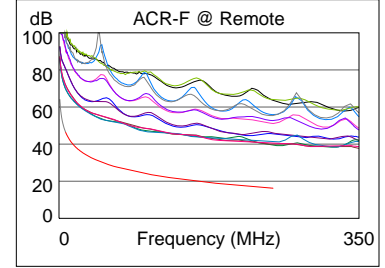
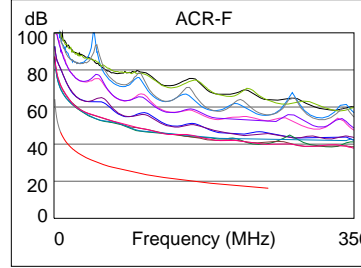
Length (ft), Limit 295	[Pair 12]	6
Prop. Delay (ns), Limit 498		8
Delay Skew (ns), Limit 44		0
Resistance (ohms)	[Pair 36]	3.5
Insertion Loss Margin (dB)	[Pair 45]	29.5
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



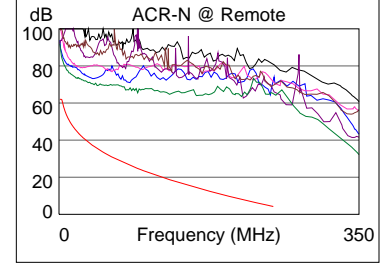
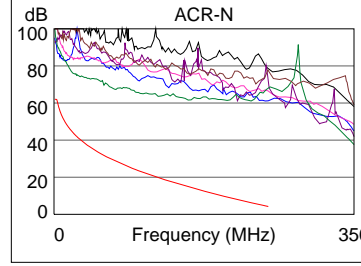
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	36-78	12-36	36-45
<b>NEXT (dB)</b>	23.3	19.1	24.6	27.7
Freq. (MHz)	3.6	3.6	248.5	215.0
Limit (dB)	64.8	64.8	35.4	36.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	23.7	19.5	25.5	28.0
Freq. (MHz)	3.6	3.8	218.0	213.5
Limit (dB)	62.0	62.0	33.7	33.8



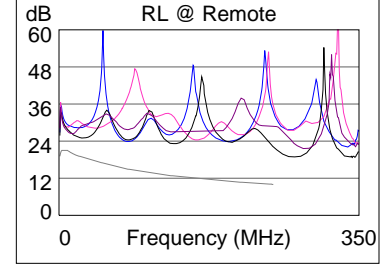
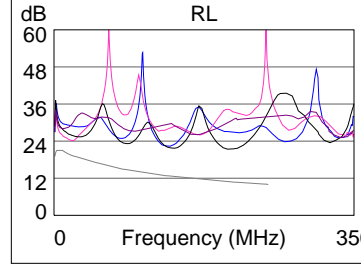
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	45-36	36-45
<b>ACR-F (dB)</b>	22.6	22.6	23.3	23.2
Freq. (MHz)	101.5	99.8	249.5	249.5
Limit (dB)	24.1	24.2	16.2	16.2
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	22.9	22.8	22.9	22.8
Freq. (MHz)	135.5	230.0	248.0	233.5
Limit (dB)	18.6	14.0	13.3	13.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	36-78	12-36	36-45
<b>ACR-N (dB)</b>	26.6	22.3	54.1	54.8
Freq. (MHz)	3.6	3.4	248.5	215.0
Limit (dB)	61.4	61.8	4.4	7.9
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	27.0	22.8	52.8	54.9
Freq. (MHz)	3.6	3.8	218.0	213.5
Limit (dB)	58.6	58.6	5.0	5.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36	45	45	45
<b>RL (dB)</b>	4.7	6.0	10.4	12.2
Freq. (MHz)	10.6	21.3	205.0	250.0
Limit (dB)	20.9	19.4	10.9	10.0



Compliant Network Standards:  
 10BASE-T      100BASE-TX      100BASE-T4  
 1000BASE-T    ATM-25            ATM-51  
 ATM-155       100VG-AnyLan    TR-4  
 TR-16 Active    TR-16 Passive