

<b>Project Name:</b> <b>Core Competencies</b> ACME Holdings  United States of America 987-654-3210	<b>Installation/Testing Company</b> TREND Networks  Illinois United States of America --	<b>Testing Date Range</b> JUN 14, 2022 to JUN 14, 2022	<b>Certifiers Used on Project</b> LanTEK IV 3000 / 21250018 / OCT 08, 2021
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<b>Twisted Pair</b> Test Count: 1 Passed: 1 Failed: 0 % Pass: 100 Length (ft): 58' 2"	<b>Coaxial</b> Test Count: Passed: Failed: % Pass: Length (ft):	<b>Fiber Optic</b> Test Count: Passed: Failed: % Pass: Length (ft):	<b>Project Technicians</b> Sherman Peabody
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Job Notes:

## Twisted Pair Lowest Headroom Summary

	NEXT	PSNEXT	Return Loss	Insertion Loss
Headroom (dB)	5.70	5.40	7.80	2.60
Test ID	Port 22	Port 22	Port 22	Port 22
	ACR-F	ACR-N	TCL	ELTCTL
Headroom (dB)	13.70			
Test ID	Port 22			

Longest Cable: Port 22 : 58' 2"(ft)

## Twisted Pair Average Headroom Summary

	NEXT	PSNEXT	Return Loss	Insertion Loss
Headroom (dB)	5.70	5.40	7.80	2.60
	ACR-F	ACR-N	TCL	ELTCTL
Headroom (dB)	13.70			

Avg. Length: 58' 2"(ft)



## Core Competencies

ACME Holdings

06/14/2022

Test Name	Length (ft)	Date	Cable Category	Test Standard	NEXT Margin (dB)	Result
Port 22	58' 2"	06/14/2022 08:09 AM	Cat6A	ANSI/TIA-568.2-D-2018	5.70	Pass





# TREND AnyWARE® Cloud Certification Report



**Test ID:** Port 22  
**Date/Time:** 06/14/2022 08:09 AM  
**Project Name:** Core Competencies  
**Customer Name:** ACME Holdings  
**Operator:** Sherman Peabody

**Test Standard:** ANSI/TIA-568.2-D-2018  
**Test Limit:** Permanent Link/Cat6A  
**Cable Brand/Model:** Generic/Cat6a-STP  
**Cable Type/Shield:** Cat6A/STP  
**Cable NVP:** 68 %  
**Main Connector:** Generic  
**Remote Connector:** Generic

**Tester Model :** LanTEK IV 3000

**Main Handset** S/N: 21250018  
 S/W: 3.0.12  
 Calibration Date: 10/08/2021  
 Cat 8.1 PL : S/N 19130014

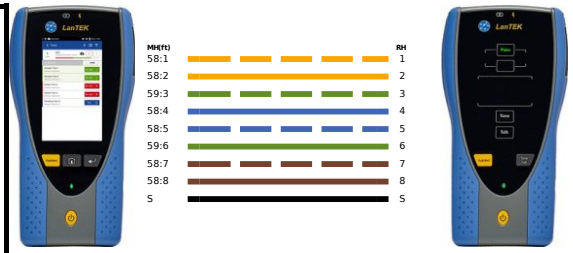
**Remote Handset** S/N: 21250023  
 S/W: 3.0.12  
 Calibration Date: 10/08/2021  
 Cat 8.1 PL : S/N 19130008

### Low Frequency Tests

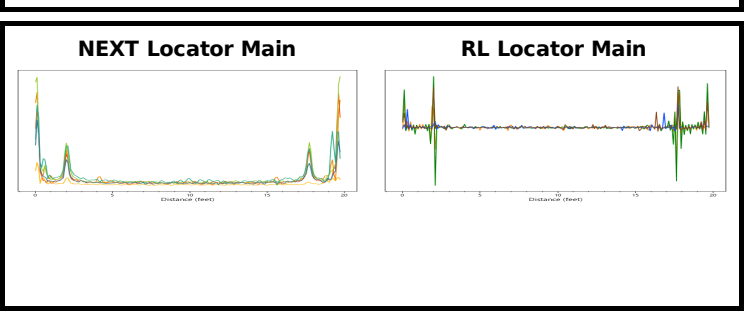
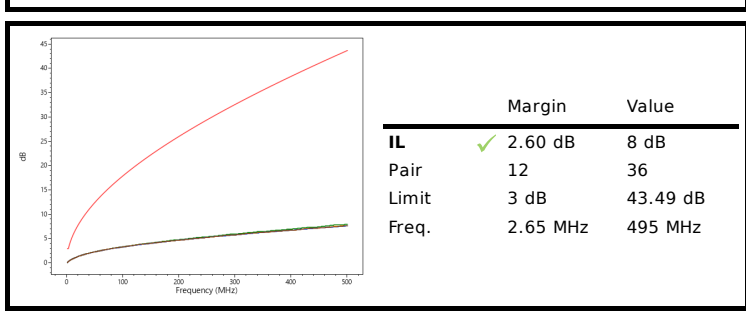
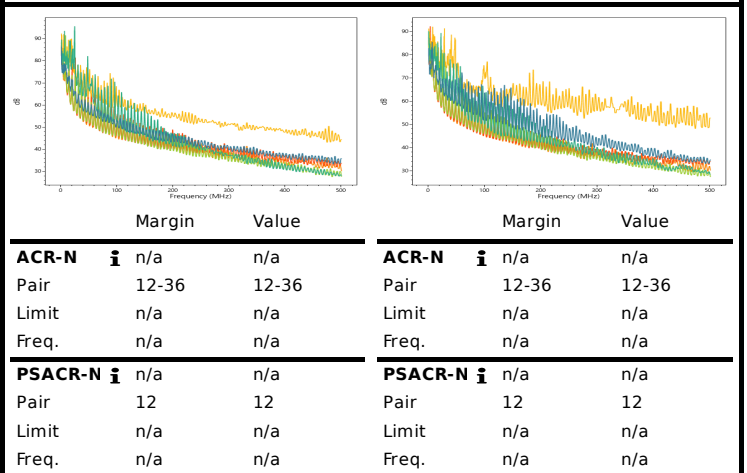
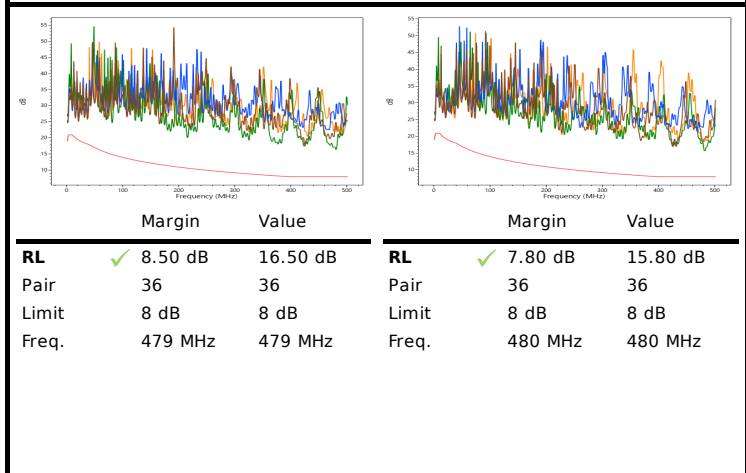
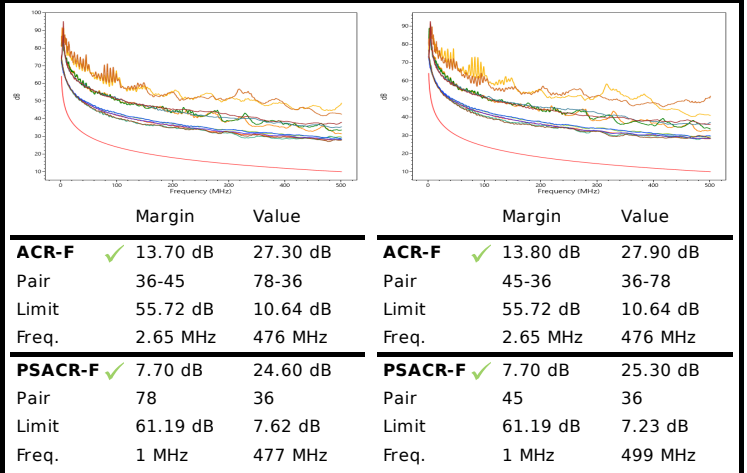
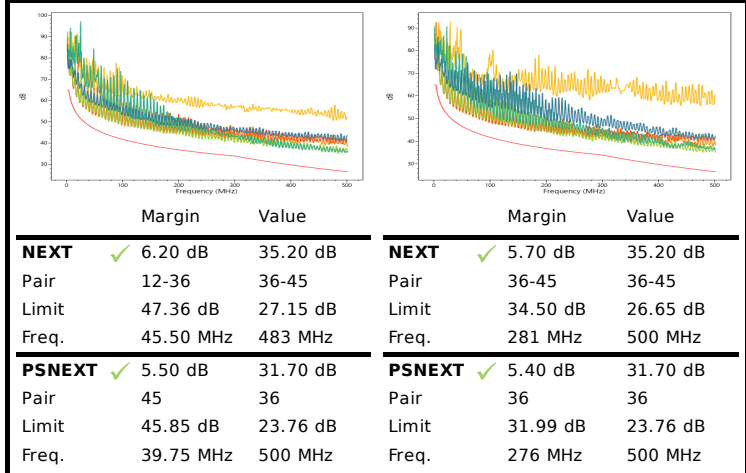
Test	Pair	Limit	Result
Length	45	295' 3" ft	58' 2" ft ✓
Delay	36	498 ns	88 ns ✓
Skew	36	44 ns	1 ns ✓
Impedance	78	85-115 Ω	100.08 Ω ✓
Loop Res	12	21 Ω	2.69 Ω i
DCRU Intra-pair	45	0.20 Ω	0.03 Ω i
P2P	12-78	0.20 Ω	0.03 Ω i

### Headroom Summary

	Margin (dB)	MHz	Pair	Side
NEXT	5.70	281	36-45	Remote
PSNEXT	5.40	28.60	45	Remote
RL	7.80	480	36	Remote
IL	2.60	2.65	12	--
TCL	n/a	n/a	n/a	n/a
ELTCTL	n/a	n/a	n/a	n/a



## Main Handset      Remote Handset      Main Handset      Remote Handset



### Supported Applications:

Ethernet 10BASE-T, ADSL, VDSL, Analog Phone, ATM 25.6, ATM 51.84, ISDN BRI, ISDN PRI, Ethernet 100BASE-TX, Ethernet 1000BASE-T, Ethernet 1000BASE-TX, PoE IEEE 802.3af/at/bt, HDBaseT 1080P, VOIP, ATM 155.52, NBASE-T 2.5G, NBASE-T 5G, HDBaseT 2k, HDBaseT 4k, ATM 1.2G, Ethernet 10GBASE-T

Report Generated 06/14/2022 05:13 PM

