



Test ID: SCP Cat6 UTP S45-1600 Channel
Date/Time: 03/02/2021 10:09 AM
Project Name: Simply45_20210308213839
Customer Name: Go Simply Connect
Operator: Default User

Test Standard: ANSI/TIA-568.2-D-2018
Test Limit: Channel/Cat6
Cable Brand/Model: Generic/Cat6/UTP
Cable Type/Shield: Cat6/UTP
Cable NVP: 68 %
Main Connector: Generic
Remote Connector: Generic

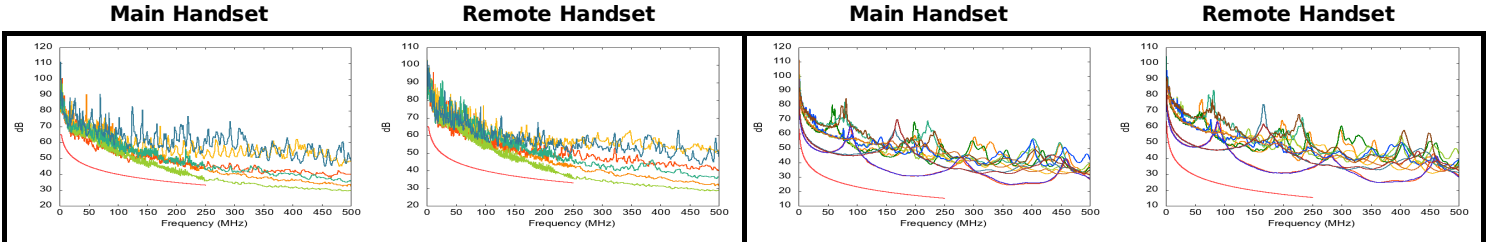
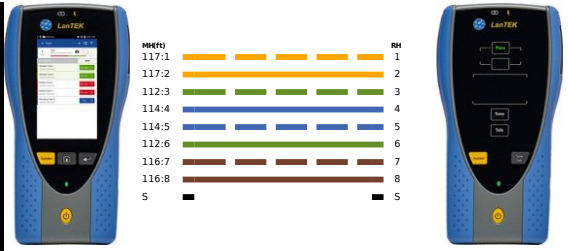
Tester Model : LanTEK IV 3000

Main Handset
 S/N:19310002
 S/W:1.50
 Calibration Date:01/01/2021
 Cat 8.1 RJ45 CH : S/N 19280046

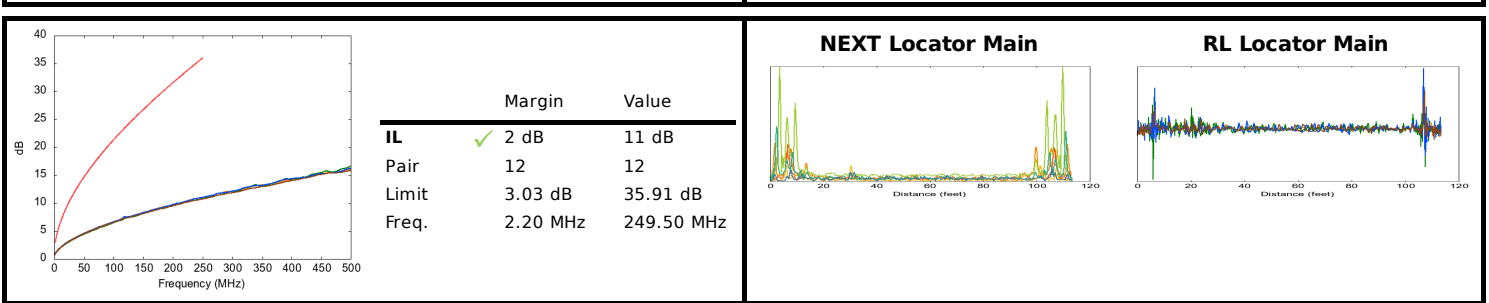
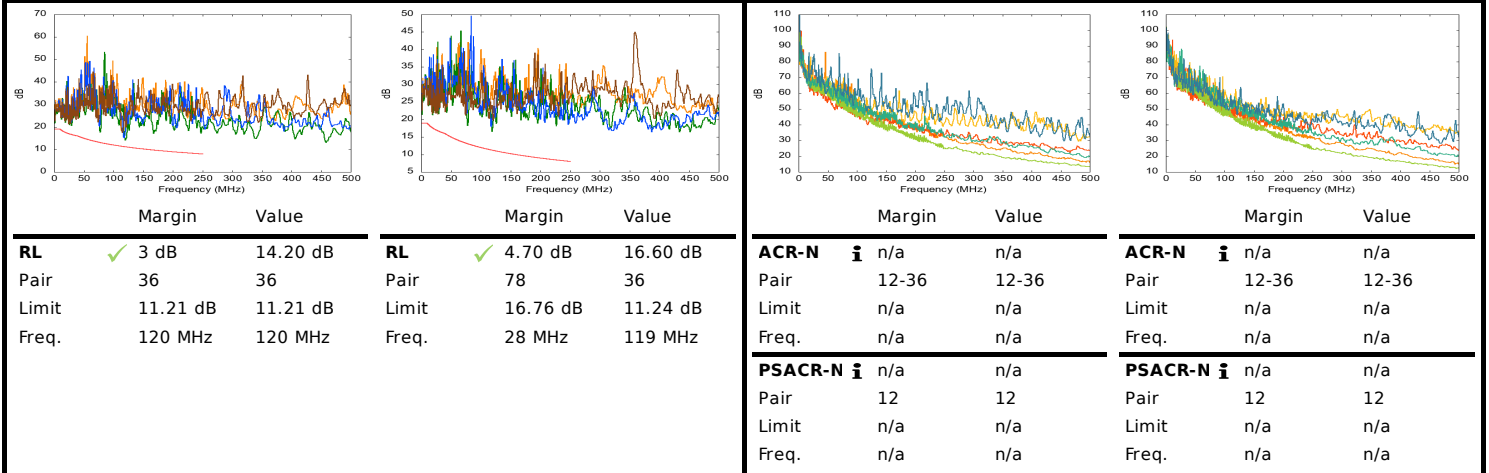
Remote Handset
 S/N:19310002
 S/W:1.50
 Calibration Date:01/01/2021
 S/N 19280005

Low Frequency Tests			
Test	Pair	Limit	Result
Length	36	328' 1" ft	111' 10" ft ✓
Delay	12	555 ns	174 ns ✓
Skew	12	50 ns	7 ns ✓
Impedance	n/a	n/a	n/a
Loop Res	45	25 Ω	6.37 Ω ⓘ
DCRU			
Intra-pair	45	0.20 Ω	0.39 Ω ⓘ
P2P	45-78	0.20 Ω	0.15 Ω ⓘ

Headroom Summary				
	Margin (dB)	MHz	Pair	Side
NEXT	2.40	249	36-45	Remote
PSNEXT	4.20	249.50	36	Remote
RL	3	120	36	Main
IL	2	2.20	12	--
TCL	8.30	6.85	36	Remote
ELTCTL	28.80	1	78	Main



Main Handset		Remote Handset		Main Handset		Remote Handset	
Test	Value	Test	Value	Test	Value	Test	Value
NEXT ✓	2.60 dB	NEXT ✓	2.40 dB	ACR-F ✓	12.80 dB	ACR-F ✓	12.80 dB
Pair	36-45	Pair	36-45	Pair	12-45	Pair	45-12
Limit	33.14 dB	Limit	33.14 dB	Limit	18.18 dB	Limit	18.20 dB
Freq.	249 MHz	Freq.	249 MHz	Freq.	179.50 MHz	Freq.	179 MHz
PSNEXT ✓	4.30 dB	PSNEXT ✓	4.20 dB	PSACR-F ✓	12.20 dB	PSACR-F ✓	13.70 dB
Pair	36	Pair	36	Pair	12	Pair	12
Limit	30.17 dB	Limit	30.17 dB	Limit	60.26 dB	Limit	60.26 dB
Freq.	249.50 MHz	Freq.	249.50 MHz	Freq.	1 MHz	Freq.	1 MHz



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

Report Generated 07/27/2021 07:49 PM