



Test ID: SCP Cat5e UTP S45-1000 Channel
Date/Time: 03/03/2021 11:47 PM
Project Name: Simply45_20210308213839
Customer Name: Go Simply Connect
Operator: Default User

Test Standard: ANSI/TIA-568.2-D-2018
Test Limit: Channel/Cat5e
Cable Brand/Model: Generic/Cat5e-UTP
Cable Type/Shield: Cat5e/UTP
Cable NVP: 68 %
Main Connector: Generic
Remote Connector: Generic

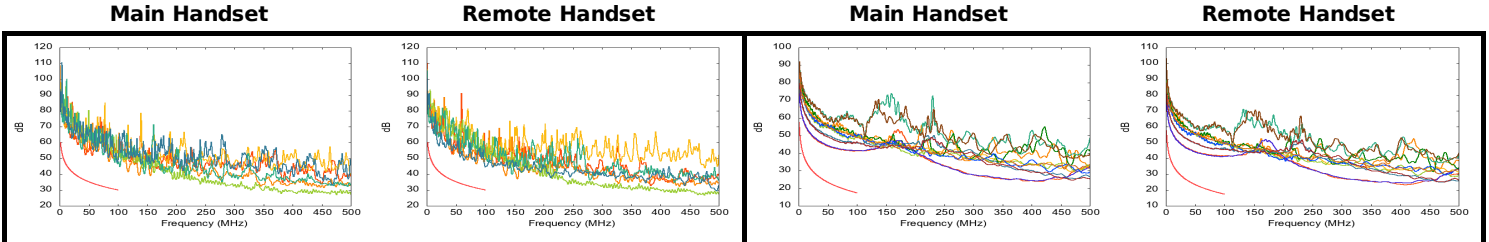
Tester Model : LanTEK IV 3000

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

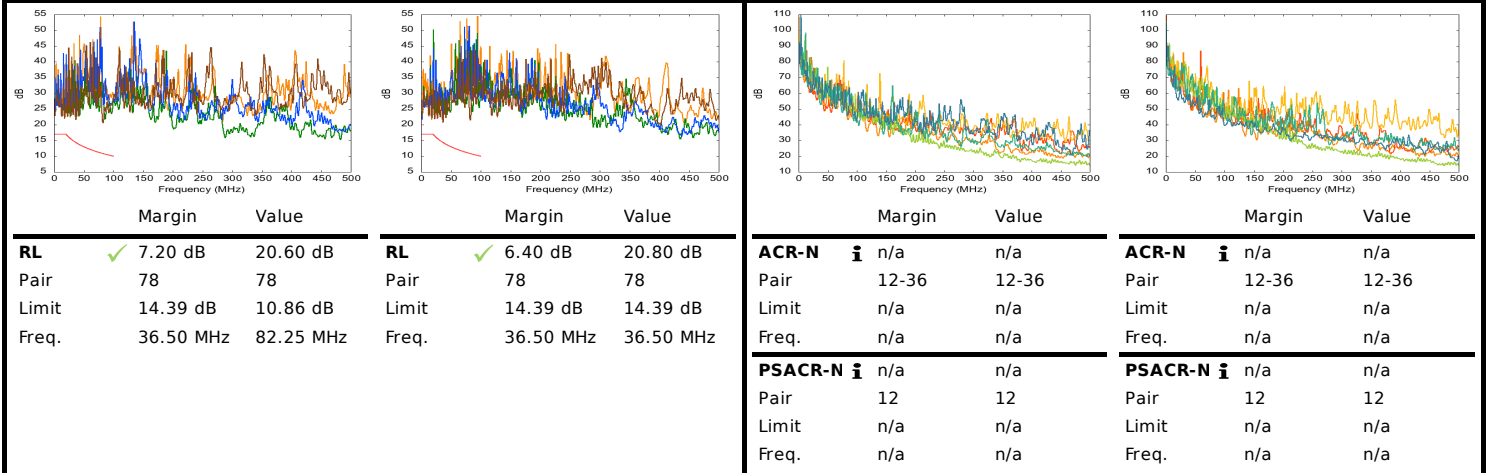
Remote Handset
 S/N: 19310002
 S/W: 1.50
 Calibration Date: 01/01/2021
 S/N 19280005

Low Frequency Tests			
Test	Pair	Limit	Result
Length	45	328' 1" ft	79' 11" ft ✓
Delay	12	555 ns	122 ns ✓
Skew	12	50 ns	3 ns ✓
Impedance	n/a	n/a	n/a
Loop Res	45	25 Ω	11.33 Ω ⓘ
DCRU			
Intra-pair	45	0.20 Ω	4.50 Ω ⓘ
P2P	45-78	0.20 Ω	0.86 Ω ⓘ

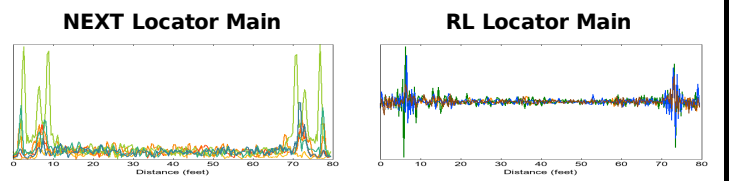
Headroom Summary			
	Margin (dB)	MHz	Pair
NEXT	14.50	100	45-78
PSNEXT	15.90	100	78
RL	6.40	36.50	78
IL	2.10	1.45	45
TCL	n/a	n/a	n/a
ELTCTL	n/a	n/a	n/a



Test	Margin	Value	Test	Margin	Value	Test	Margin	Value	Test	Margin	Value
NEXT ✓	16.20 dB	46.50 dB	NEXT ✓	14.50 dB	44.60 dB	ACR-F ✓	18.60 dB	41 dB	ACR-F ✓	19.10 dB	40.90 dB
Pair	12-45	36-78	Pair	45-78	45-78	Pair	12-45	12-45	Pair	12-45	45-12
Limit	36.19 dB	30.10 dB	Limit	30.08 dB	30.08 dB	Limit	49.98 dB	17.92 dB	Limit	48.46 dB	17.96 dB
Freq.	44 MHz	99.75 MHz	Freq.	100 MHz	100 MHz	Freq.	2.35 MHz	94.25 MHz	Freq.	2.80 MHz	93.75 MHz
PSNEXT ✓	16.20 dB	43.30 dB	PSNEXT ✓	15.90 dB	43 dB	PSACR-F ✓	18.50 dB	39.20 dB	PSACR-F ✓	17.60 dB	39.60 dB
Pair	78	78	Pair	78	78	Pair	45	45	Pair	45	45
Limit	27.14 dB	27.14 dB	Limit	27.08 dB	27.08 dB	Limit	54.40 dB	14.92 dB	Limit	54.40 dB	14.96 dB
Freq.	99.25 MHz	99.25 MHz	Freq.	100 MHz	100 MHz	Freq.	1 MHz	94.25 MHz	Freq.	1 MHz	93.75 MHz



Test	Margin	Value	Test	Margin	Value
RL ✓	7.20 dB	20.60 dB	RL ✓	6.40 dB	20.80 dB
Pair	78	78	Pair	78	78
Limit	14.39 dB	10.86 dB	Limit	14.39 dB	14.39 dB
Freq.	36.50 MHz	82.25 MHz	Freq.	36.50 MHz	36.50 MHz
IL ✓	2.10 dB	5.40 dB			
Pair	45	45			
Limit	3 dB	23.65 dB			
Freq.	1.45 MHz	97.25 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, PoE IEEE 802.3af/at/bt, HDBaseT 1080P, VOIP, ATM 155.52, NBASE-T 2.5G

Report Generated 07/27/2021 07:45 PM