



Test ID: Remee Cat5e-ETL S45-1500 Channel
Date/Time: 03/03/2021 11:03 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: 72 %
Main Connector: Generic
Remote Connector: Generic

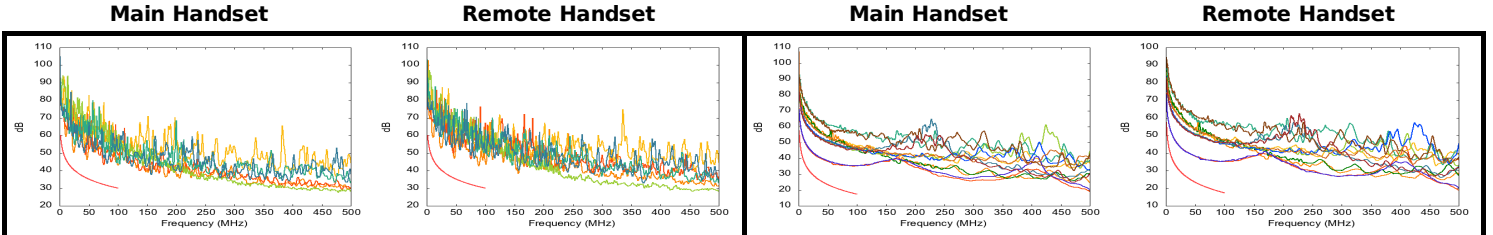
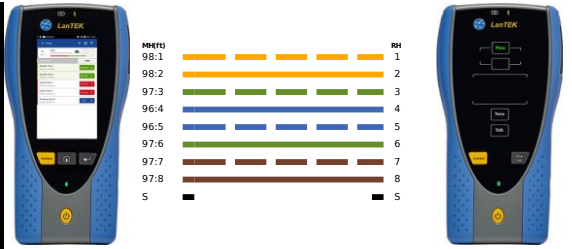
Tester Model : LanTEK IV 3000

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

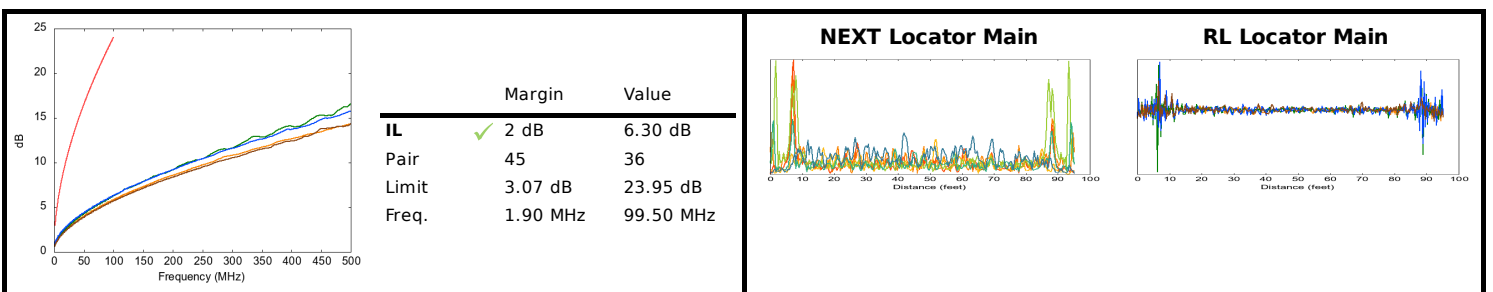
Low Frequency Tests			
Test	Pair	Limit	Result
Length	45	328' 1" ft	96' 0" ft ✓
Delay	12	555 ns	138 ns ✓
Skew	12	50 ns	3 ns ✓
Impedance	n/a	n/a	n/a
Loop Res	45	25 Ω	12.24 Ω ⓘ
DCRU			
Intra-pair	45	0.20 Ω	4.94 Ω ⓘ
P2P	45-78	0.20 Ω	0.93 Ω ⓘ

Headroom Summary			
	Margin (dB)	MHz	Pair
NEXT	9.80	24.40	12-36
PSNEXT	12	24.40	36
RL	8.50	23.65	78
IL	2	1.90	45
TCL	n/a	n/a	n/a
ELTCTL	n/a	n/a	n/a
			Side
			Main
			Main
			Remote
			--
			n/a
			n/a



Test	Margin	Value	Test	Margin	Value	Test	Margin	Value	Test	Margin	Value
NEXT ✓	9.80 dB	43.20 dB	NEXT ✓	11.40 dB	42.80 dB	ACR-F ✓	13 dB	35.10 dB	ACR-F ✓	13 dB	35.10 dB
Pair	12-36	12-36	Pair	12-36	12-36	Pair	12-45	12-45	Pair	12-45	12-45
Limit	40.52 dB	30.08 dB	Limit	35.66 dB	30.97 dB	Limit	49.98 dB	18.13 dB	Limit	54.17 dB	18.41 dB
Freq.	24.40 MHz	100 MHz	Freq.	47.25 MHz	88.75 MHz	Freq.	2.35 MHz	92 MHz	Freq.	1.45 MHz	89 MHz
PSNEXT ✓	12 dB	41.10 dB	PSNEXT ✓	12.90 dB	42.20 dB	PSACR-F ✓	15.60 dB	34.40 dB	PSACR-F ✓	15.50 dB	34.40 dB
Pair	36	36	Pair	12	36	Pair	45	45	Pair	45	45
Limit	37.52 dB	27.14 dB	Limit	32.82 dB	27.91 dB	Limit	46.98 dB	15.17 dB	Limit	51.17 dB	15.15 dB
Freq.	24.40 MHz	99.25 MHz	Freq.	46.25 MHz	89.50 MHz	Freq.	2.35 MHz	91.50 MHz	Freq.	1.45 MHz	91.75 MHz

Test	Margin	Value	Test	Margin	Value	Test	Margin	Value	Test	Margin	Value
RL ✓	8.50 dB	23.04 dB	RL ✓	8.50 dB	21.48 dB	ACR-N ⓘ	n/a	n/a	ACR-N ⓘ	n/a	n/a
Pair	78	78	Pair	78	45	Pair	12-36	12-36	Pair	12-36	12-36
Limit	16.27 dB	17 dB	Limit	16.27 dB	17 dB	Limit	n/a	n/a	Limit	n/a	n/a
Freq.	23.65 MHz	19.60 MHz	Freq.	23.65 MHz	1.15 MHz	Freq.	n/a	n/a	Freq.	n/a	n/a
IL ✓	2 dB	6.30 dB	PSACR-N ⓘ	n/a	n/a	PSACR-N ⓘ	n/a	n/a	PSACR-N ⓘ	n/a	n/a
Pair	45	36	Pair	12	12	Pair	12	12	Pair	12	12
Limit	3.07 dB	23.95 dB	Limit	n/a	n/a	Limit	n/a	n/a	Limit	n/a	n/a
Freq.	1.90 MHz	99.50 MHz	Freq.	n/a	n/a	Freq.	n/a	n/a	Freq.	n/a	n/a



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

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