



Test ID: Genesis Cat6 6360 UTP S45-1100 Cha... Test Standard: ANSI/TIA-568.2-D-2018

Date/Time: 03/08/2021 02:00 PM

Project Name: Simply45_20210308213839

Customer Name: Go Simply Connect

Operator: Default User

Test Limit: Channel/Cat6

Cable Brand/Model: Genesis/6360

Cable Type/Shield: Cat 6/-

Cable NVP: 69 %

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	12	328' 1" ft	127' 3" ft ✓
Delay	36	555 ns	198 ns ✓
Skew	36	50 ns	11 ns ✓
Impedance	n/a	n/a	n/a
Loop Res	45	25 Ω	19.36 Ω i
DCRU			
Intra-pair	45	0.20 Ω	11.16 Ω i
P2P	45-78	0.20 Ω	1.34 Ω i

Headroom Summary

	Margin (dB)	MHz	Pair	Side
NEXT	1.30	249	36-45	Main
PSNEXT	3	249	36	Main
RL	3.90	12.70	45	Remote
IL	1.40	2.35	45	--
TCL	-9.30	2.65	45	Remote
ELTCTL	0.40	1	45	Main

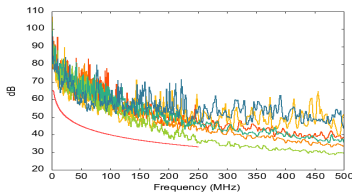
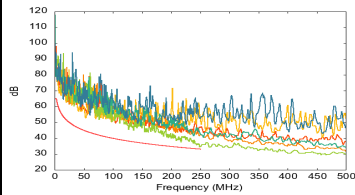


Main Handset

Remote Handset

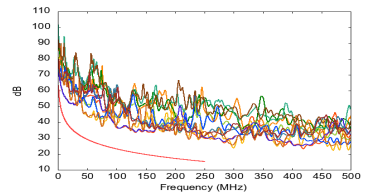
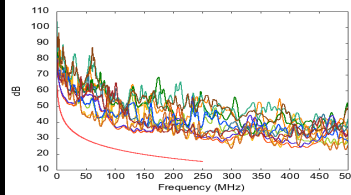
Main Handset

Remote Handset



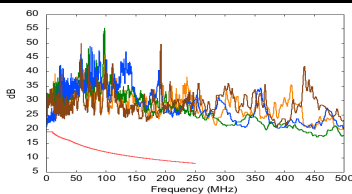
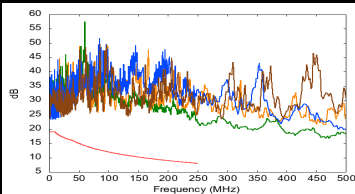
	Margin	Value
NEXT	✓ 1.30 dB	34.40 dB
Pair	36-45	36-45
Limit	33.14 dB	33.14 dB
Freq.	249 MHz	249 MHz
PSNEXT	✓ 3 dB	33.20 dB
Pair	36	36
Limit	30.18 dB	30.18 dB
Freq.	249 MHz	249 MHz

	Margin	Value
NEXT	✓ 2.10 dB	35.20 dB
Pair	36-45	36-45
Limit	33.14 dB	33.14 dB
Freq.	249 MHz	249 MHz
PSNEXT	✓ 3.90 dB	34.10 dB
Pair	36	36
Limit	30.18 dB	30.18 dB
Freq.	249 MHz	249 MHz



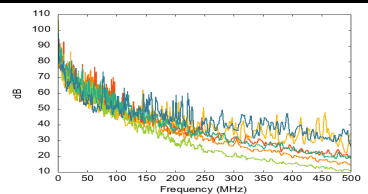
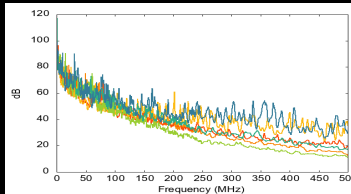
	Margin	Value
ACR-F	✓ 11.70 dB	28.90 dB
Pair	78-12	78-12
Limit	25.70 dB	15.65 dB
Freq.	75.50 MHz	240 MHz
PSACR-F	✓ 12.90 dB	26.40 dB
Pair	12	45
Limit	57.03 dB	12.35 dB
Freq.	1.45 MHz	248.50 MHz

	Margin	Value
ACR-F	✓ 11.70 dB	29.10 dB
Pair	78-12	12-78
Limit	25.76 dB	15.65 dB
Freq.	75 MHz	240 MHz
PSACR-F	✓ 12.80 dB	27 dB
Pair	45	12
Limit	60.26 dB	12.65 dB
Freq.	1 MHz	240 MHz



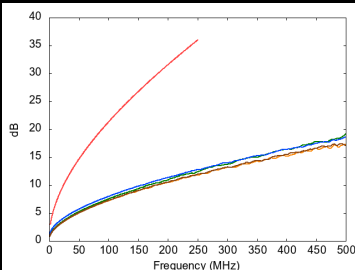
	Margin	Value
RL	✓ 5.60 dB	22.10 dB
Pair	45	36
Limit	18.38 dB	8.02 dB
Freq.	13.30 MHz	250 MHz

	Margin	Value
RL	✓ 3.90 dB	20.80 dB
Pair	45	45
Limit	18.48 dB	19 dB
Freq.	12.70 MHz	1 MHz



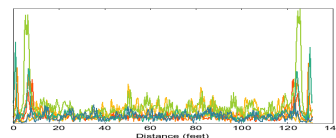
	Margin	Value
ACR-N	i n/a	n/a
Pair	12-36	12-36
Limit	n/a	n/a
Freq.	n/a	n/a
PSACR-N	i n/a	n/a
Pair	12	12
Limit	n/a	n/a
Freq.	n/a	n/a

	Margin	Value
ACR-N	i n/a	n/a
Pair	12-36	12-36
Limit	n/a	n/a
Freq.	n/a	n/a
PSACR-N	i n/a	n/a
Pair	12	12
Limit	n/a	n/a
Freq.	n/a	n/a

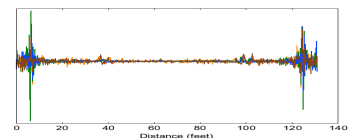


	Margin	Value
IL	✓ 1.40 dB	12.80 dB
Pair	45	45
Limit	3.12 dB	35.87 dB
Freq.	2.35 MHz	249 MHz

NEXT Locator Main



RL Locator Main



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 07:21 PM

Page 1

