

BN CABLES, INC.

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LAN CABLE UTP CAT7 FFTP 4PR 23AWG

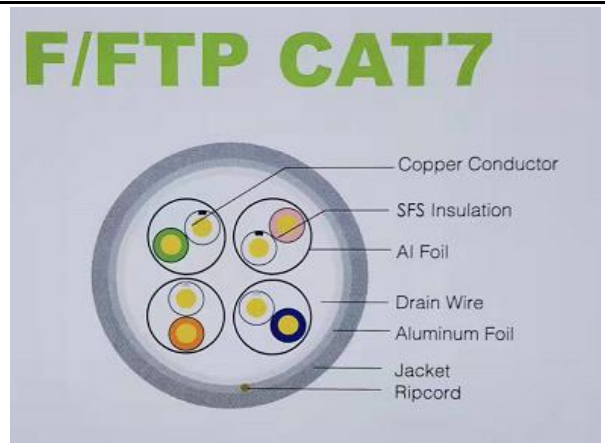
Product Description:

Bare solid copper conductor
 Rated temperature: 60°C, 75°C, 90°C
 Reference Standard:UL444,UL13, IEC60332
 Complies to TIA/EIA-568C&ISO/IEC 11801 IEC61156,
 EN50288

Application:

VOLP, ISDN, Token, 100MTPPDM
 Analog and DataVideo, TR-16Active and Passive
 155M/662m/1.2GATM&IEEE802.3:100Base 100Base-T,
 1000Base-T, 10GBase-T

Category	UTP CAT7 FFTP 4PR 23AWG	
Conductor	Material	Bare solid copper
	Nom.O.D(mm)	0.565±0.005mm
Insulation	Material	FORM PE
	Diameter	1.38±0.03mm
Core Color	1 White-Blue/Blue	2 White-Orange/ Orange
	3 White- Green/Green	4 White-Brown/ Brown
Rip-cord	Yes	
Shield 1	Each pair	Al foil
Shield 2	Total 4 pairs	thicker Al foil
Drain wire	Material	Tinned copper
	Nom.O.D(mm)	0.4±0.005mm
Sheath	Material	PVC CMP level
	Color	Per request
	Nom.O.D(mm)	7.8±0.1mm



Electrical Characteristics (20°C)	Capacitance(nF/100m)max: 5.6
	DC Resistance(Ω/100m) max :9.38
	NVP 69%
	1.0-250.0MHz Impedance(Ω) 100±15
	1.0-250.0MHz Delay Shew (ns/100m) <45
	DC Conductor Resistance Unbalance(%)max : 5.0

Electrical Characteristics

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	PSNEXT (dB)	Return loss (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
1	2.0	78.0	75.0	20	78.0	75.0
4	3.7	78.0	75.0	23	78.0	75.0
10	5.9	78.0	75.0	25	74.0	71.0
16	7.5	78.0	75.0	25	69.9	66.9
20	8.4	78.0	75.0	25	68.0	65.0
31.25	10.4	78.0	75.0	23.6	64.1	61.1
62.5	14.9	75.5	72.5	21.5	58.1	55.1
100	19.1	72.4	69.4	20.1	54.0	51.0
200	27.6	67.9	64.9	18	48.0	45.0
250	31.0	66.5	63.5	17.3	46.0	43.0
300	34.2	65.3	62.3	17.3	44.5	41.5
400	40.0	63.4	60.4	17.3	42.0	39.0
500	45.3	61.9	58.9	17.3	40.0	37.0
600	50.1	60.8	57.8	17.3	38.4	35.4

Test Report

Test Information

Test Time : 2021/10/24 03:05:39	Temperature:21.5C
Standard:IEC 61156-5 CAT7	Test Result:Pass
Cable Length:305m	Cable Type:FFTP4 CAT7 BC-TS
Tester:LI	Cable ID:

Test Result List

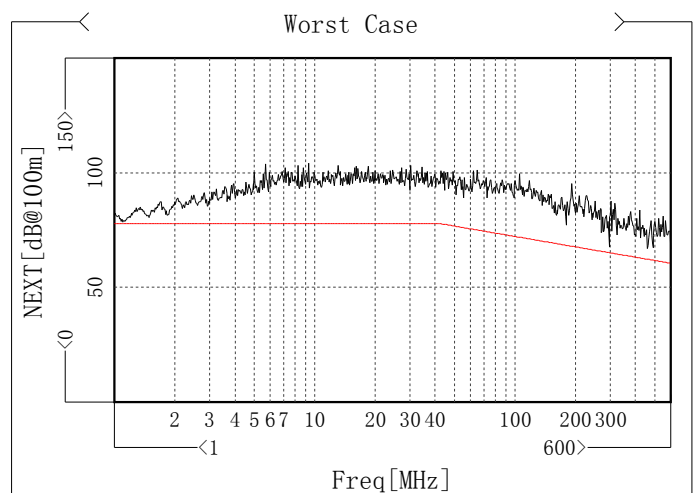
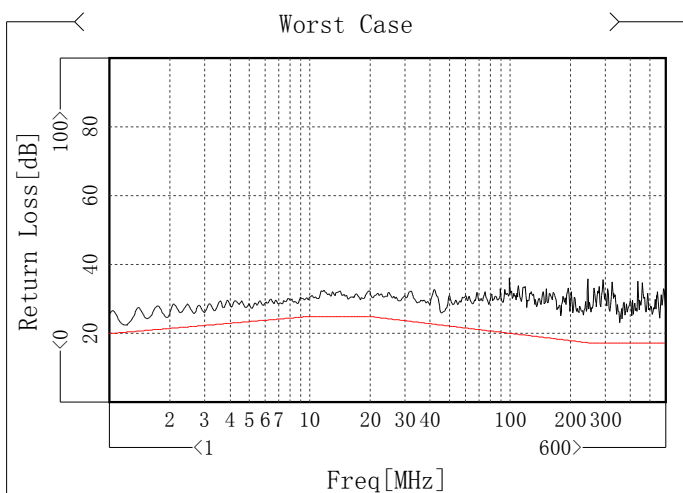
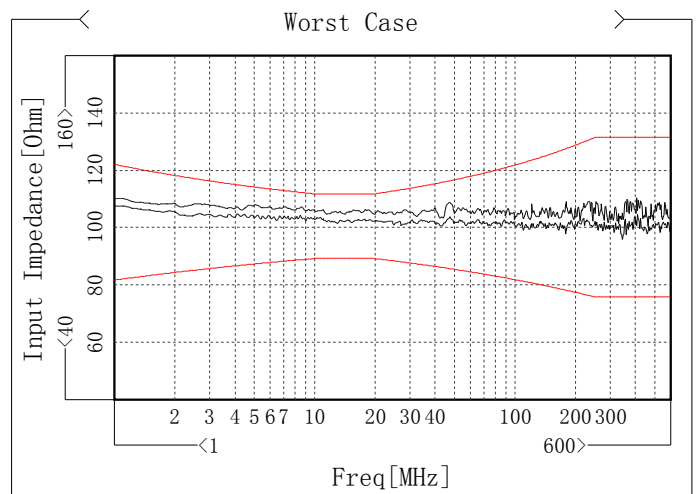
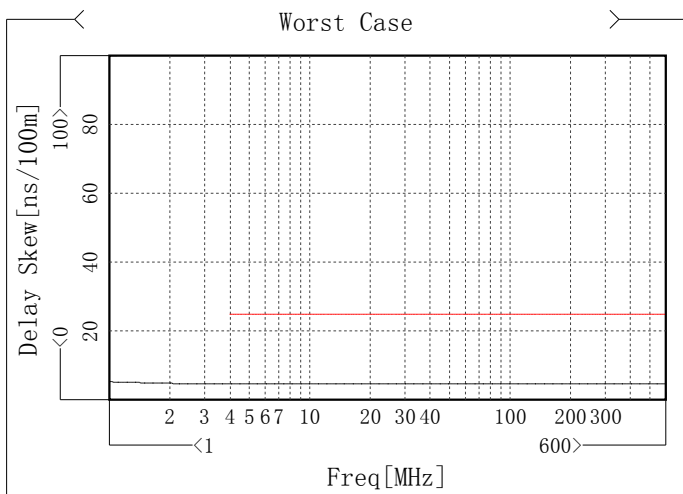
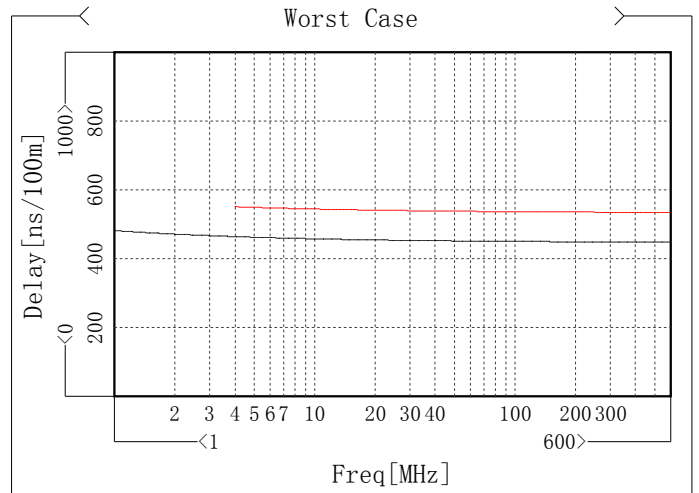
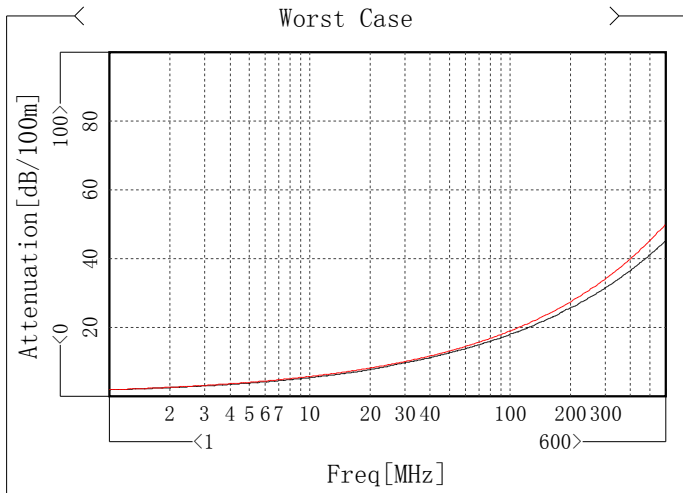
Test Item	Unit	Test Result
Attenuation	dB/100m	Pass
Delay	ns/100m	Pass
Delay Skew	ns/100m	Pass
Input Impedance	Ohm	Pass
Return Loss	dB	Pass
NEXT	dB@100m	Pass
PS NEXT	dB@100m	Pass
EL FEXT	dB@100m	Pass
PS EL FEXT	dB@100m	Pass

Inspector:
Date :

Assessor :
Date :

Worst Summary Of High Freq Parameter

Item	Max	Freq[MHz]	Spec	Margin	Min	Freq[MHz]	Spec	Margin
✓ Attenuation[dB/100m]	2.12[3]	1.197	2.16	0.04	/	/	/	/
✓ Delay[ns/100m]	449.17[3]	558.783	535.52	86.35	/	/	/	/
✓ Delay Skew[ns/100m]	4.69[3-4]	600	25	20.31	/	/	/	/
✓ Input Impedance[Ohm]	107.38[1]	8.733	112.35	4.97	101.68[3]	13.041	89.35	12.33
✓ Return Loss[dB]	/	/	/	/	22.49[1]	1.225	20.44	2.05
✓ NEXT[dB@100m]	/	/	/	/	78.56[3-4]	1.122	78	0.56

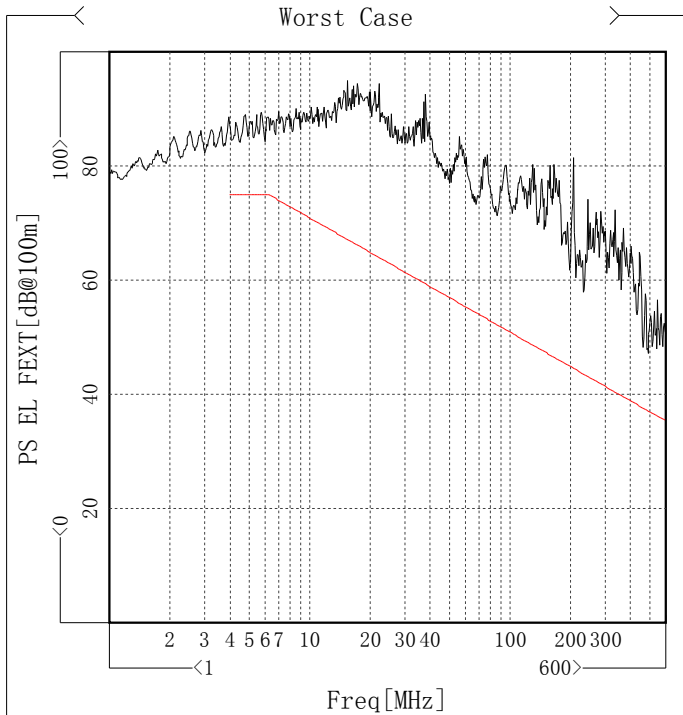
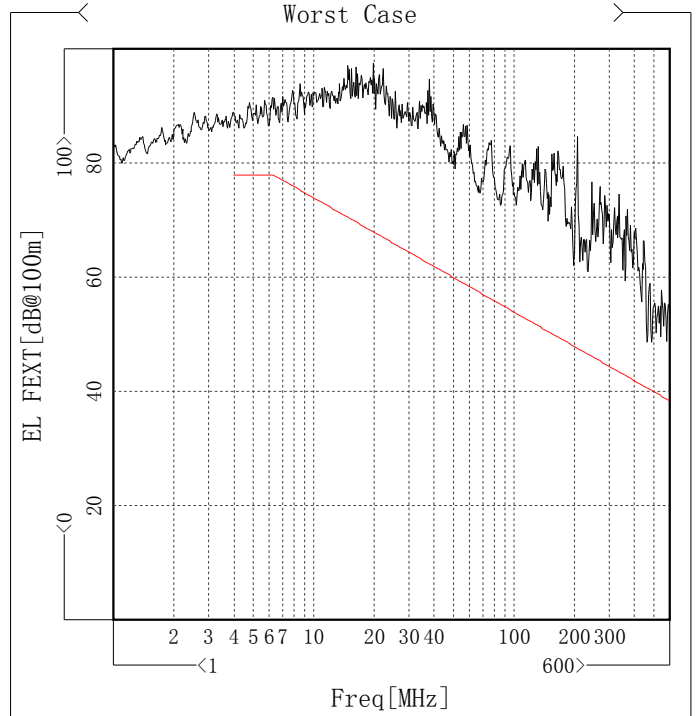
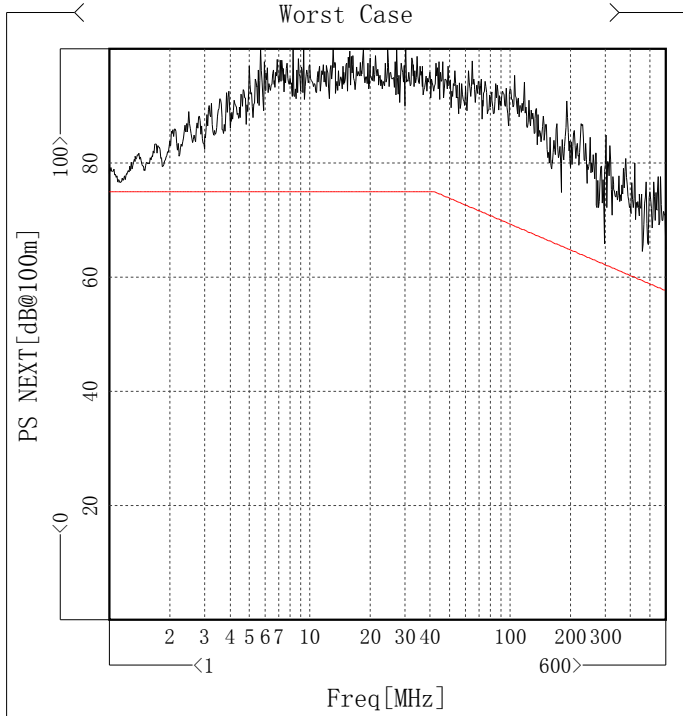


Test Report

Record File: D:\Program Files\SECRI\CTS650A\TestRecord\CTS211024-4-P.cts

Worst Summary Of High Freq Parameter(2)

Item	Min	Freq[MHz]	Spec	Margin
✓ PS NEXT[dB@100m]	76.65[4]	1.15	75	1.65
✓ EL FEXT[dB@100m]	48.72[1-4]	468.106	40.59	8.13
✓ PS EL FEXT[dB@100m]	84.16[4]	4.573	75	

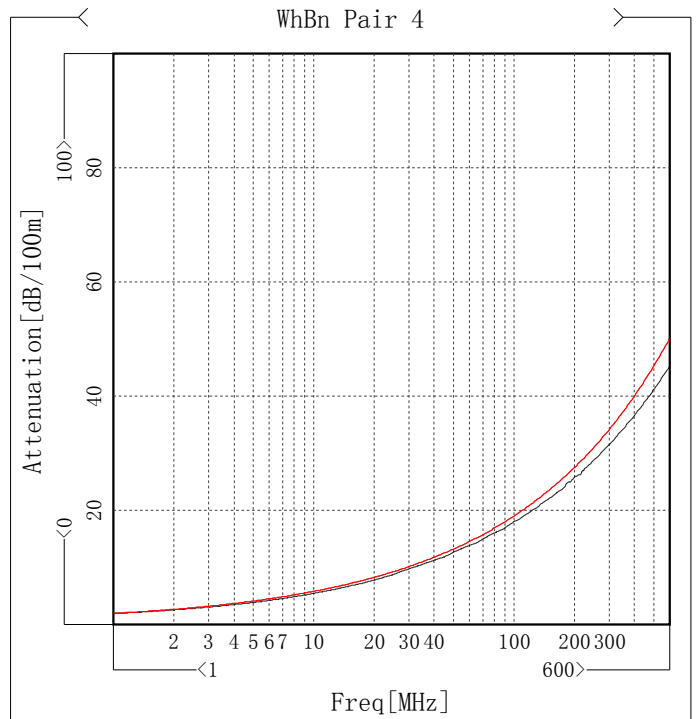
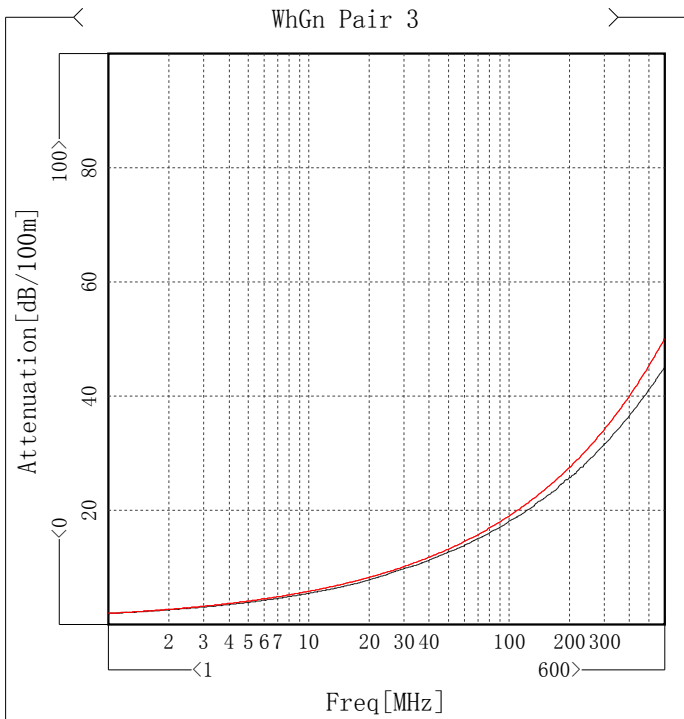
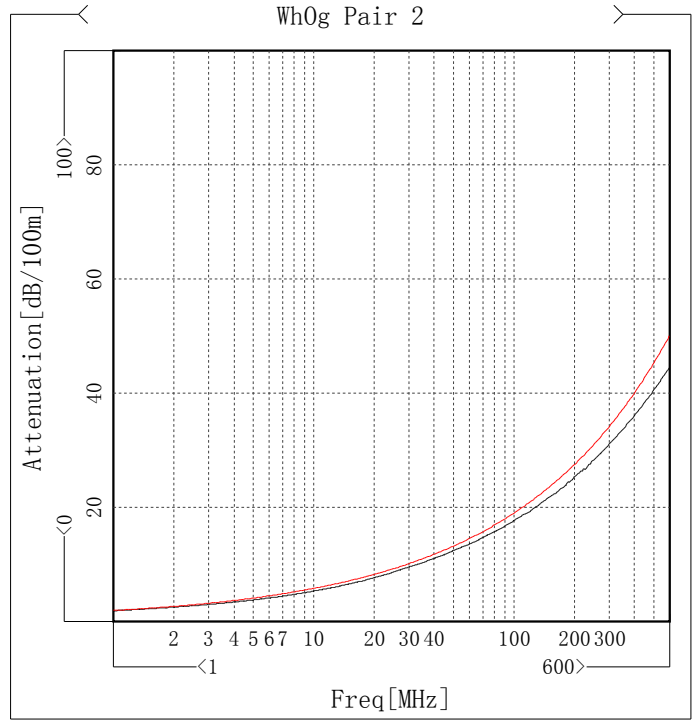
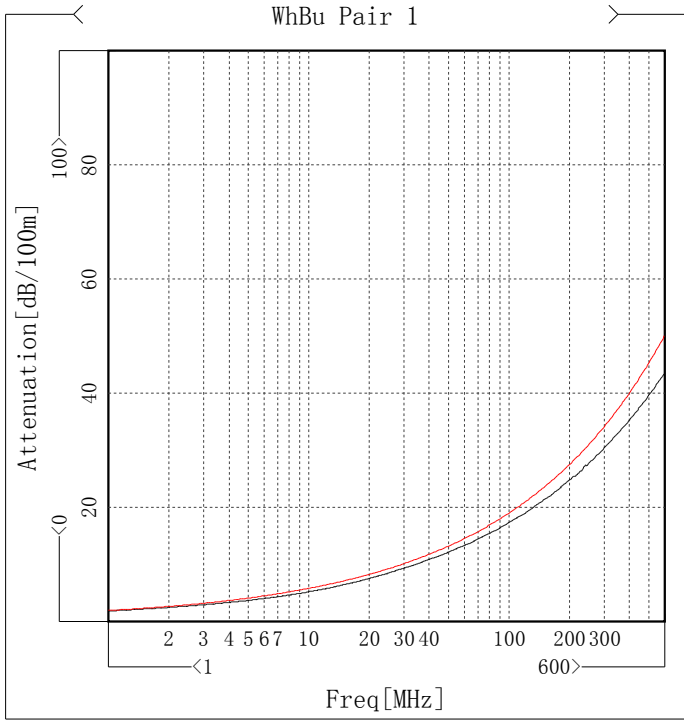


Test Report

Record File: D:\Program Files\SECRI\CTS650A\TestRecord\CTS211024-4-P.cts

Attenuation

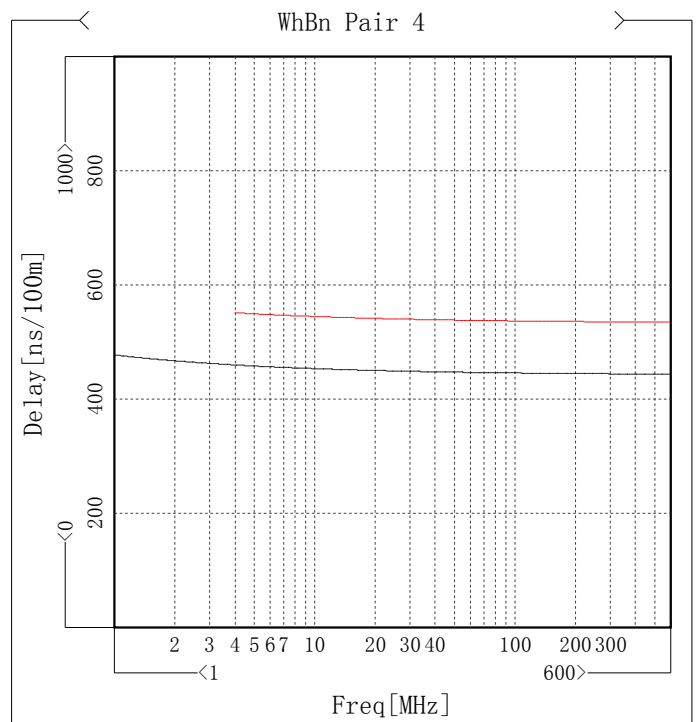
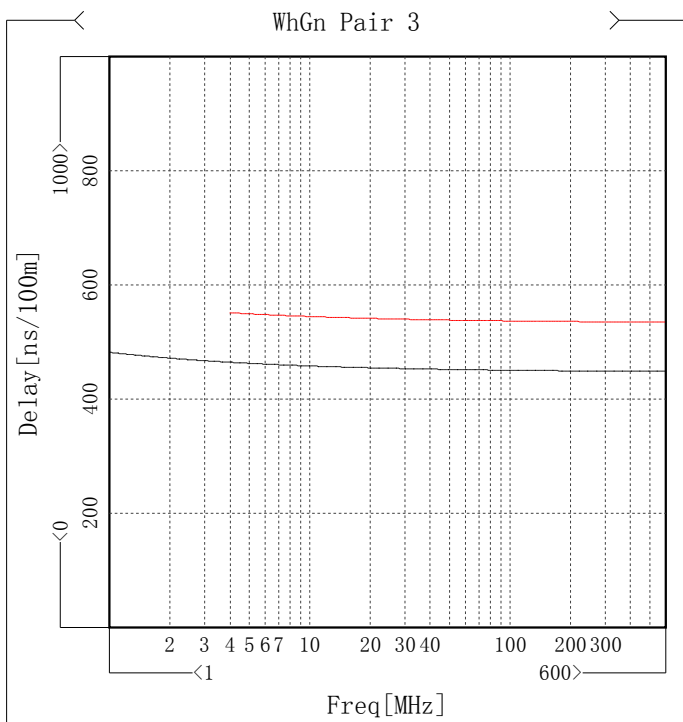
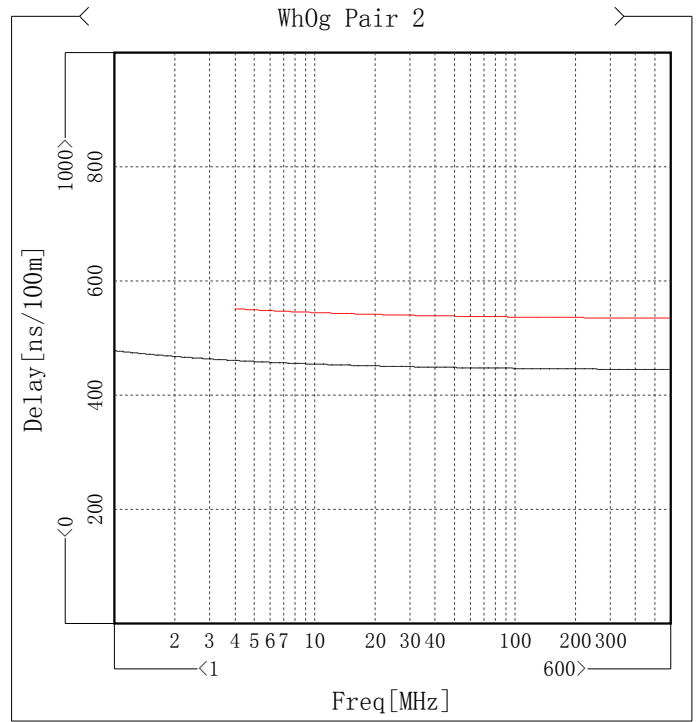
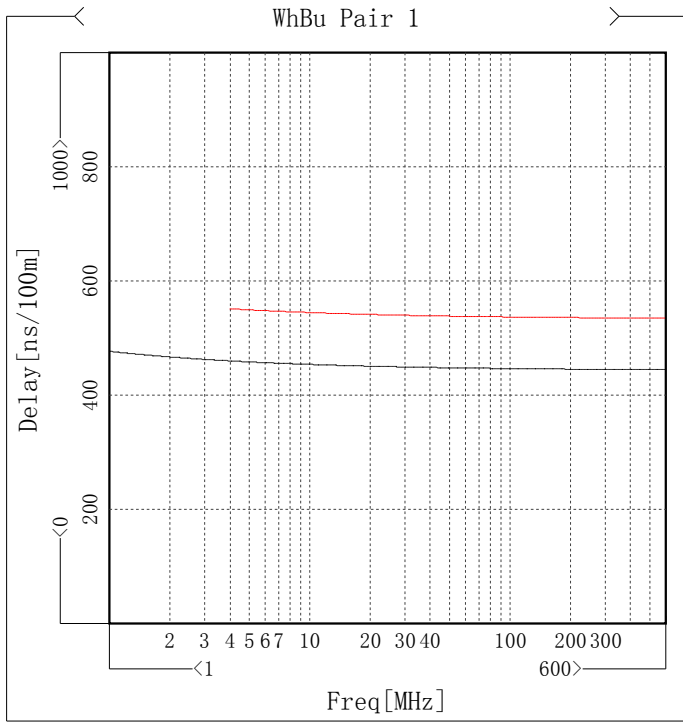
Item	Max [dB/100m]	Freq [MHz]	Spec [dB/100m]	Margin [dB/100m]
WhBu Pair 1	2.03	1.169	2.14	0.11
WhOg Pair 2	2.09	1.197	2.16	0.07
WhGn Pair 3	2.12	1.197	2.16	0.04
WhBn Pair 4	2.12	1.197	2.16	0.04



Test Report

Delay

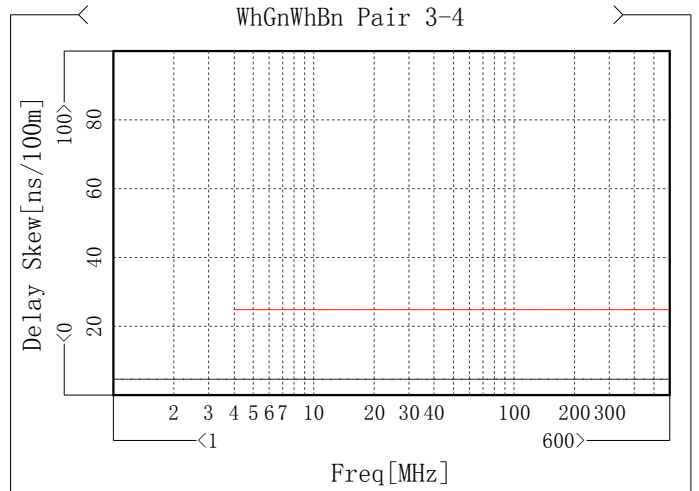
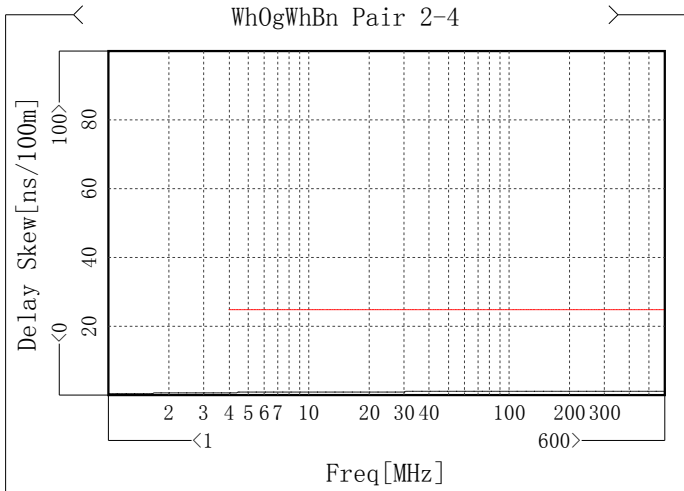
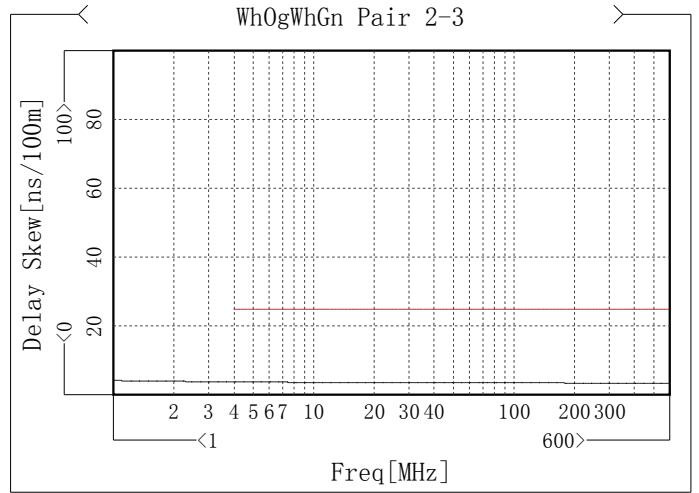
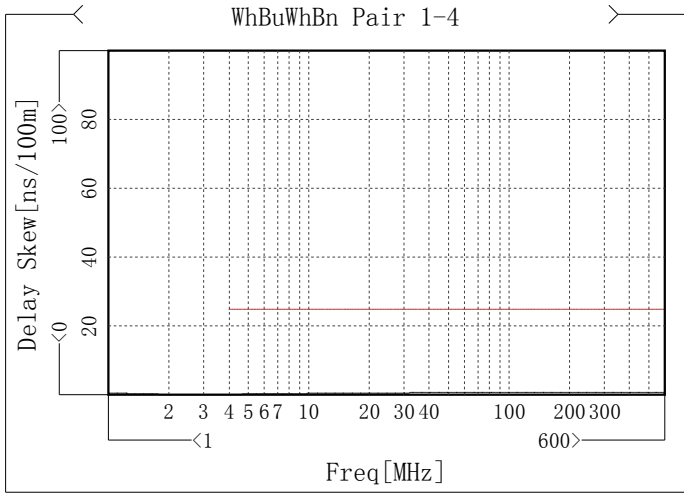
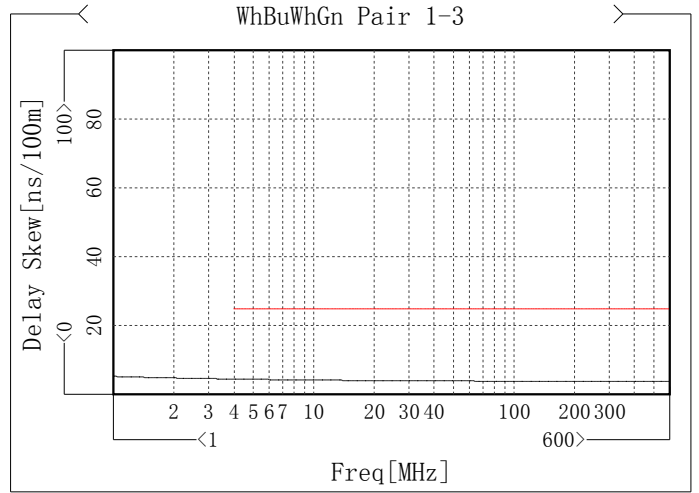
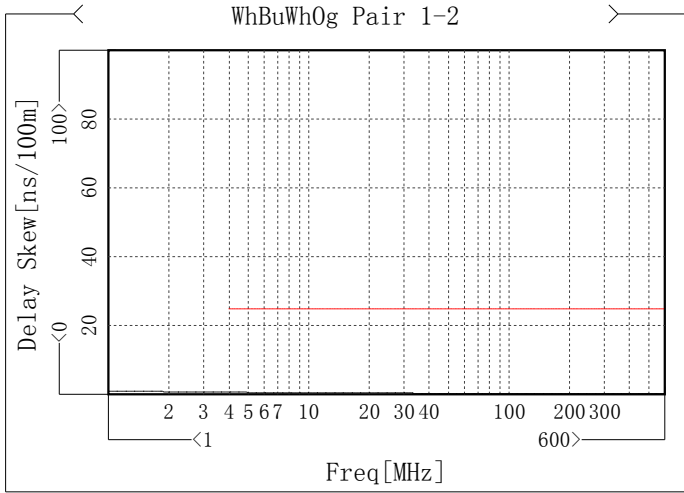
Item	Max [ns/100m]	Freq[MHz]	Spec [ns/100m]	Margin [ns/100m]
WhBu Pair 1	445.29	595.878	535.47	90.18
WhOg Pair 2	445.69	550.54	535.53	89.84
WhGn Pair 3	449.17	558.783	535.52	86.35
WhBn Pair 4	444.52	529.932	535.56	91.04



Test Report

Delay Skew

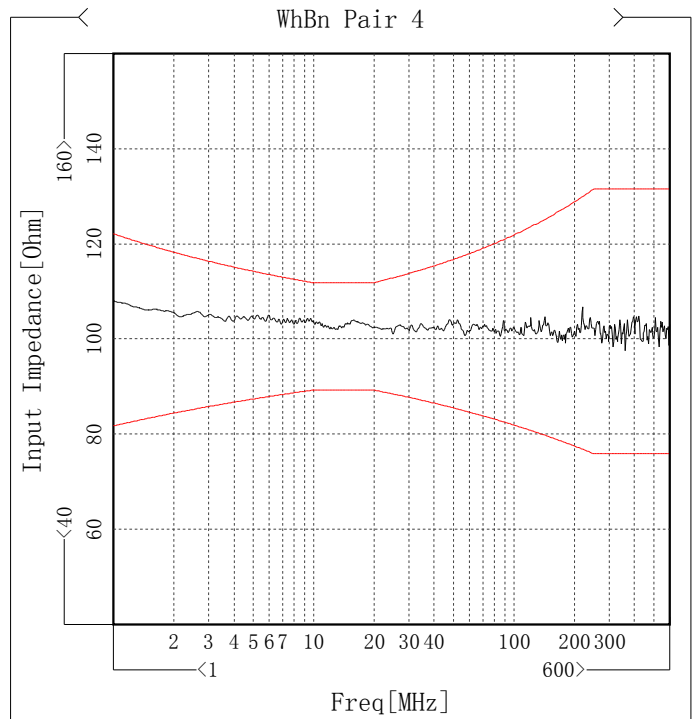
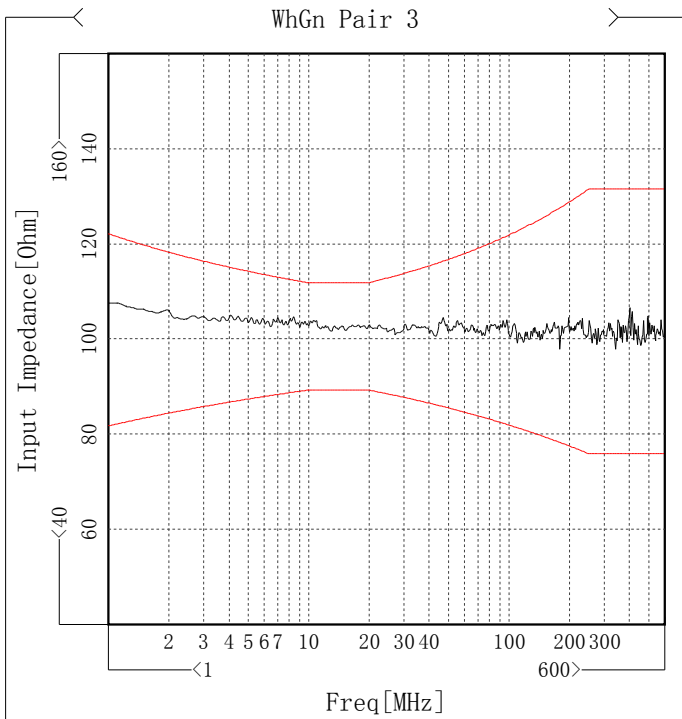
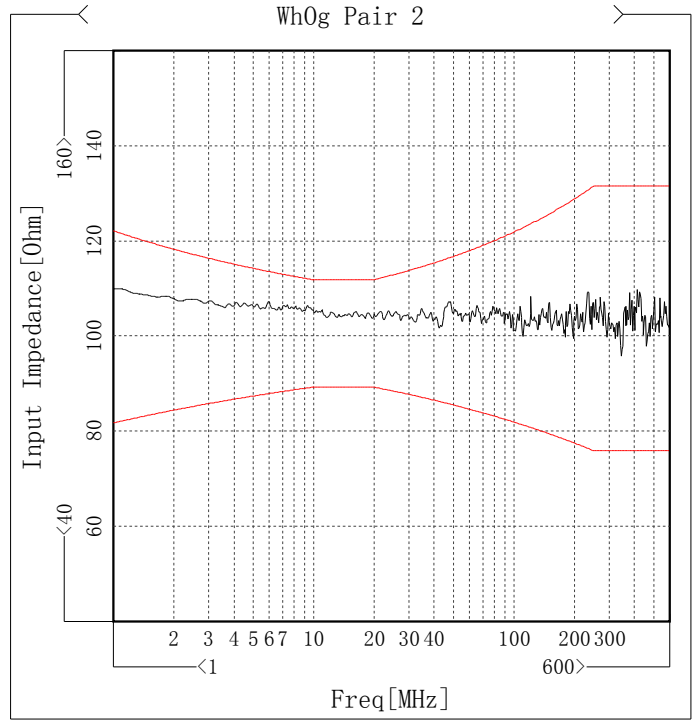
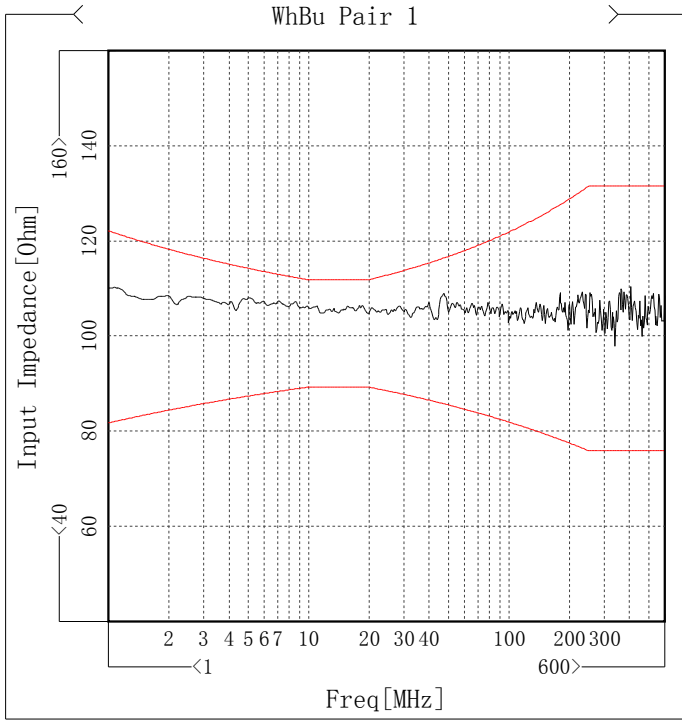
Item	Max [ns/100m]	Freq[MHz]	Spec [ns/100m]	Margin [ns/100m]
WhBuWhOg Pair 1-2	0.7	4.1	25	24.3
WhBuWhGn Pair 1-3	4.54	4.033	25	20.46
WhBuWhBn Pair 1-4	0.87	600	25	24.13
WhOgWhGn Pair 2-3	3.84	4.067	25	21.16
WhOgWhBn Pair 2-4	1.2	600	25	23.8
WhGnWhBn Pair 3-4	4.69	600	25	20.31



Test Report

Input Impedance

Item	Max [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]	Min [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]
WhBu Pair 1	107.38	8.733	112.35	4.97	104.77	20.127	89.33	15.44
WhOg Pair 2	106.51	9.383	112.12	5.61	103.78	18.29	89.35	14.43
WhGn Pair 3	104.78	8.541	112.43	7.65	101.68	13.041	89.35	12.33
WhBn Pair 4	104.49	9.735	112	7.51	101.17	25.187	88.51	12.66

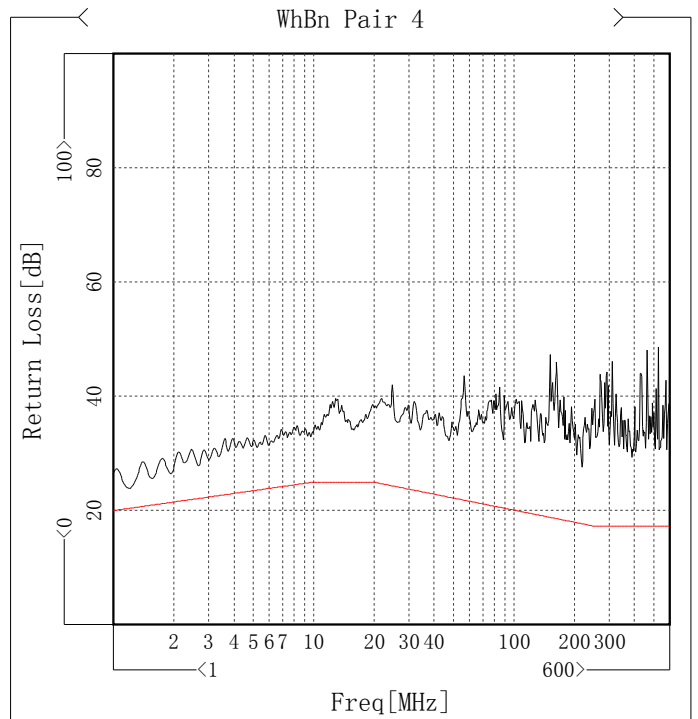
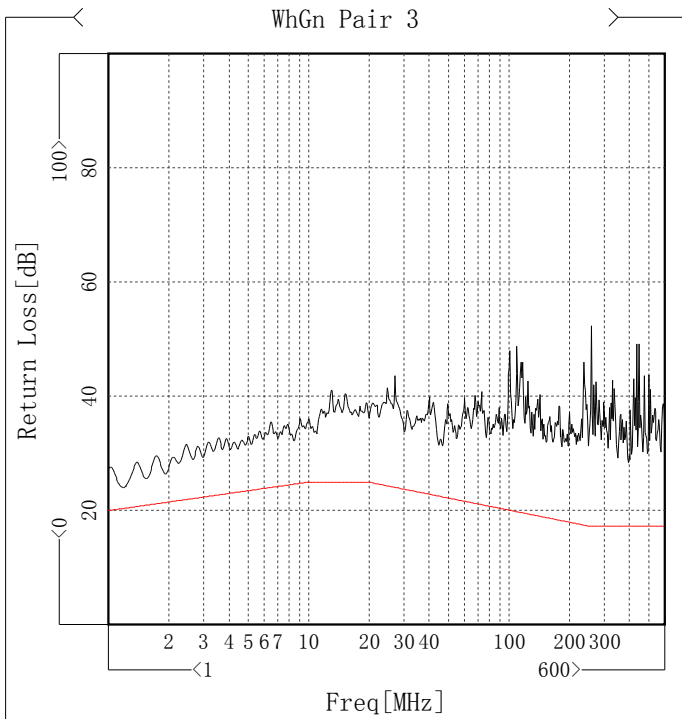
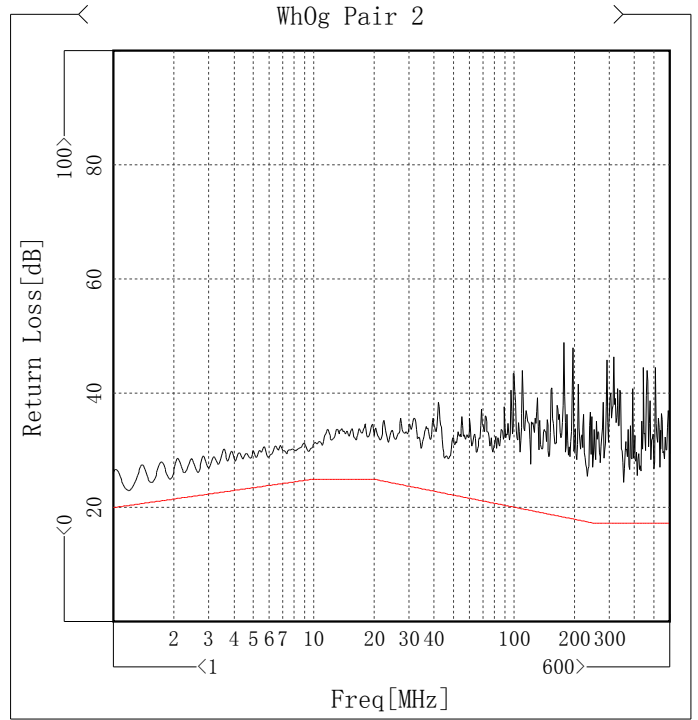
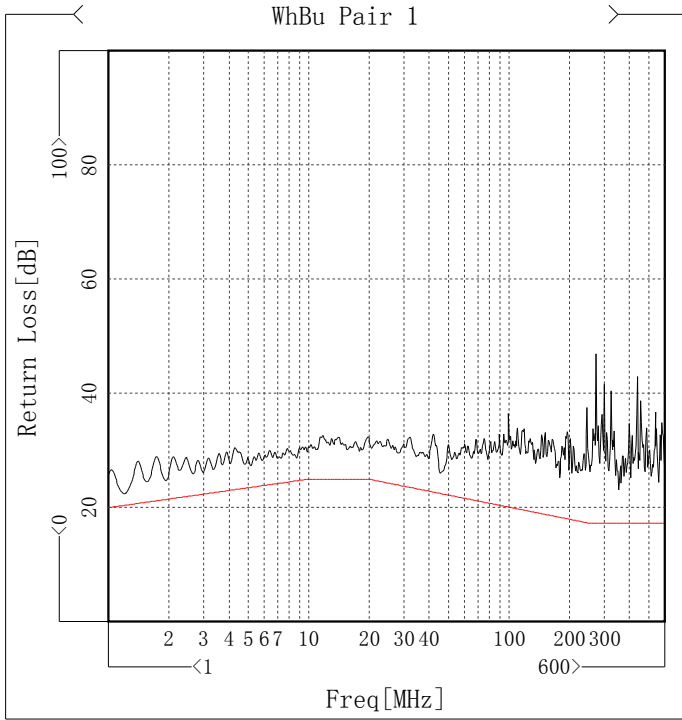


Test Report

Record File: D:\Program Files\SECRI\CTS650A\TestRecord\CTS211024-4-P.cts

Return Loss

Item	Min [dB]	Freq[MHz]	Spec [dB]	Margin [dB]
WhBu Pair 1	22.49	1.225	20.44	2.05
WhOg Pair 2	23.02	1.216	20.42	2.6
WhGn Pair 3	24.07	1.206	20.41	3.66
WhBn Pair 4	23.91	1.225	20.44	3.47

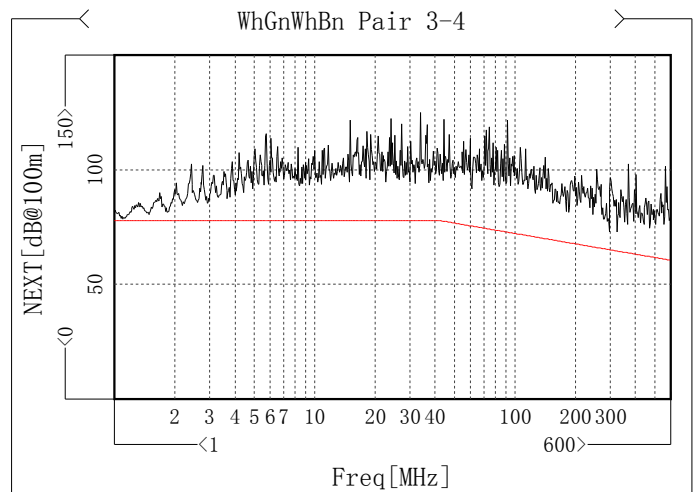
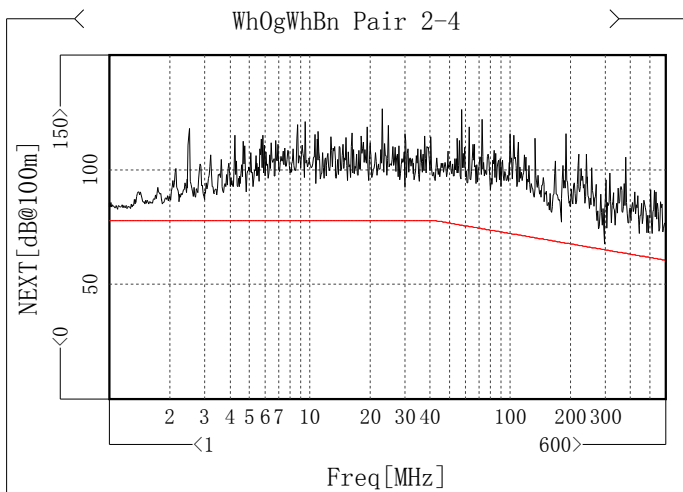
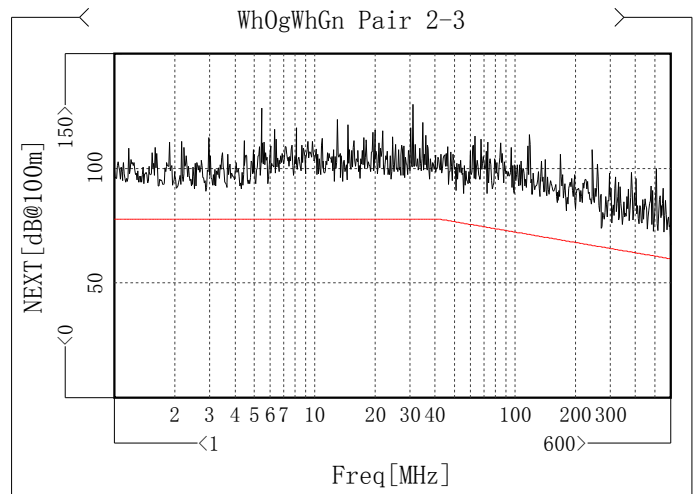
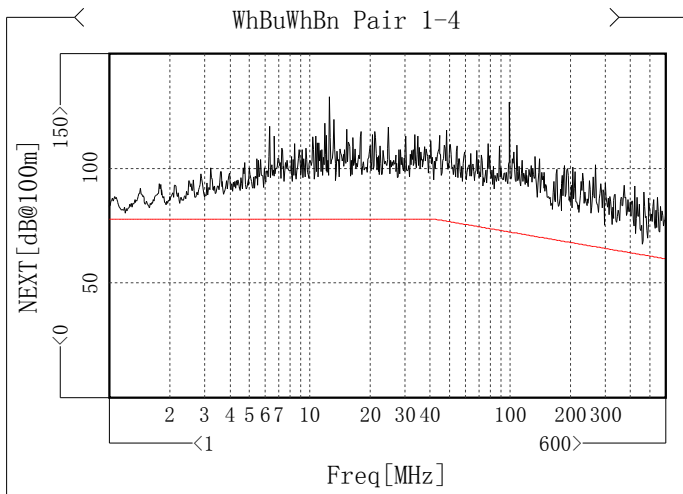
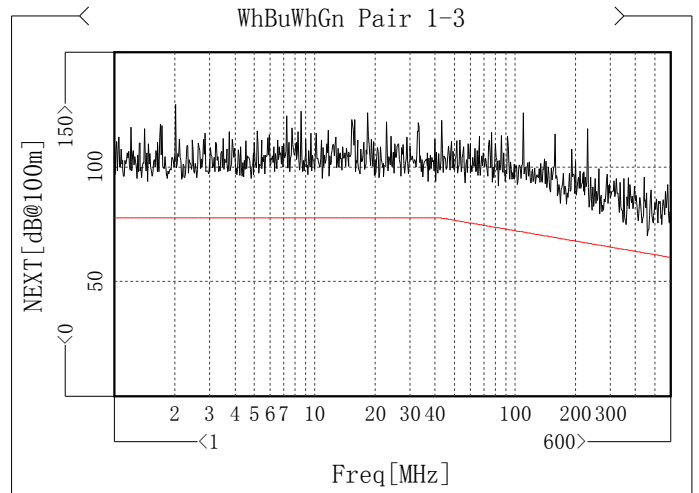
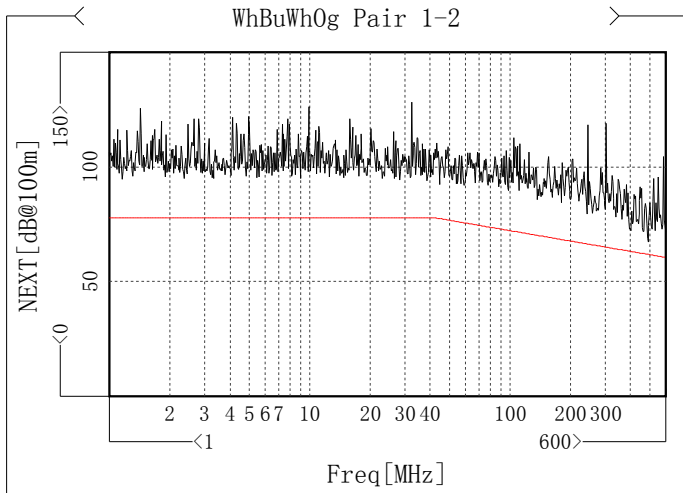


Test Report

Record File: D:\Program Files\SECRI\CTS650A\TestRecord\CTS211024-4-P.cts

NEXT

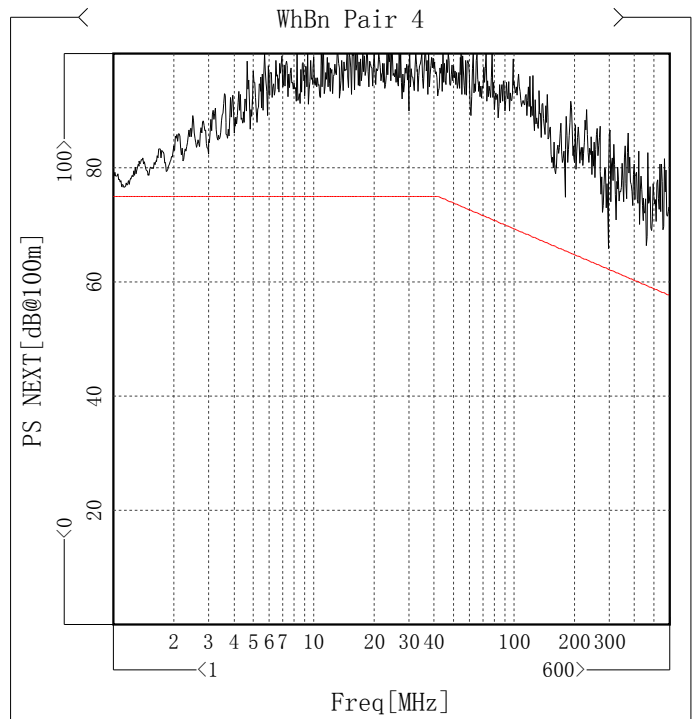
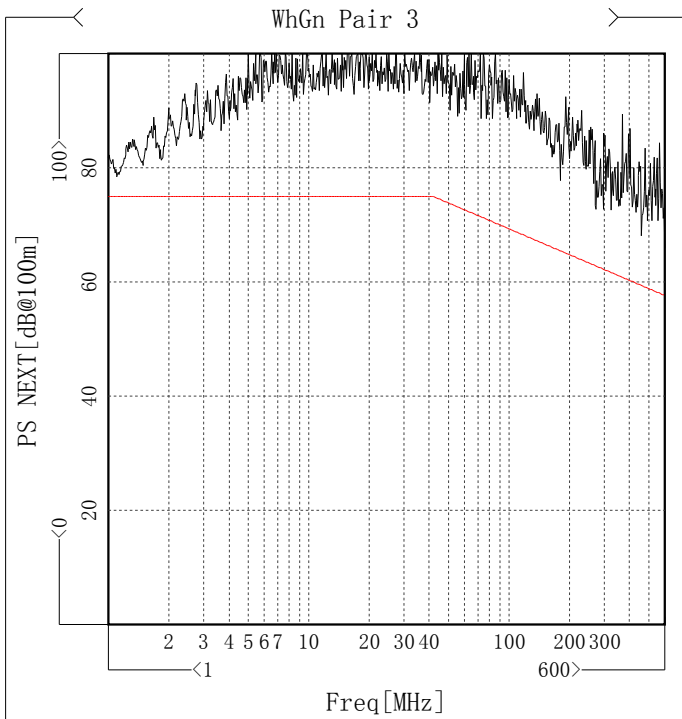
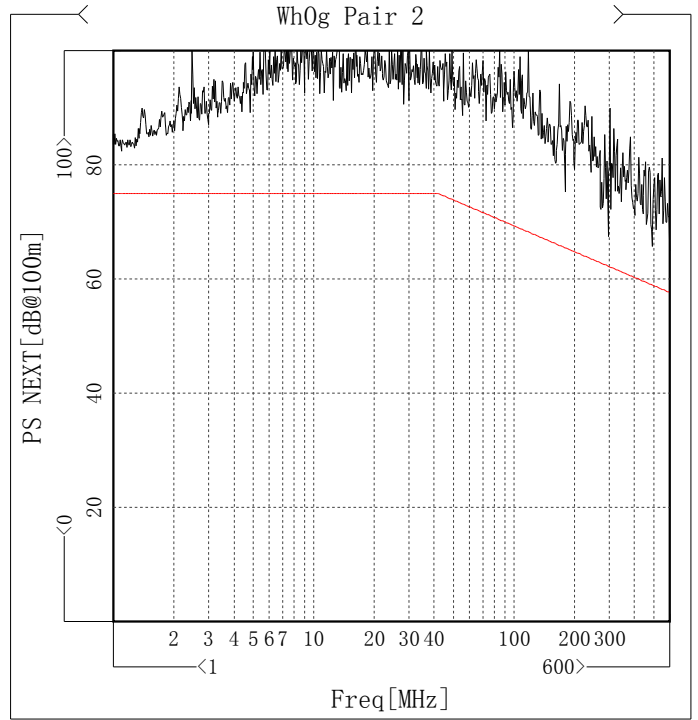
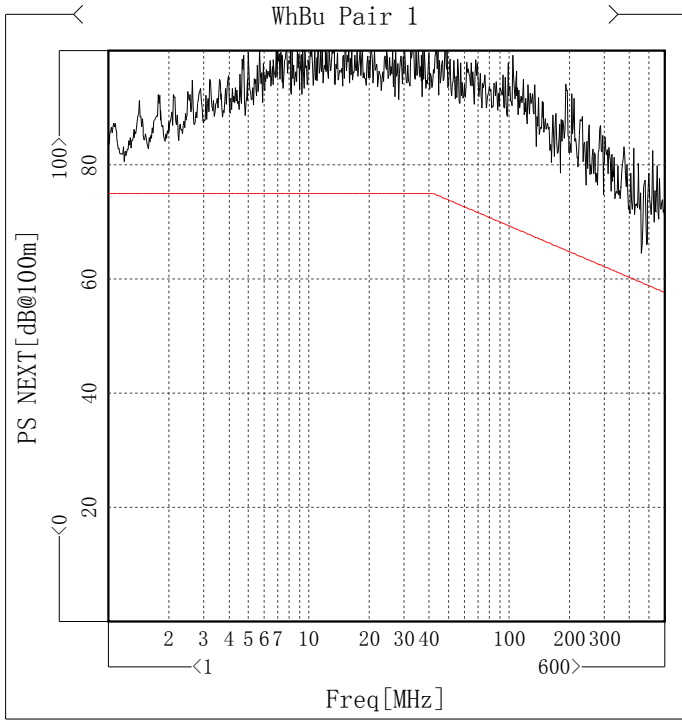
Item	Min [dB@100m]	Freq [MHz]	Spec [dB@100m]	Margin [dB@100m]
WhBuWhOg Pair 1-2	67.37	496.958	61.96	5.41
WhBuWhGn Pair 1-3	69.91	463.985	62.4	7.51
WhBuWhBn Pair 1-4	80.69	1.216	78	2.69
WhOgWhGn Pair 2-3	66.64	600	60.73	5.91
WhOgWhBn Pair 2-4	67.61	299.081	65.26	2.35
WhGnWhBn Pair 3-4	78.56	1.122	78	0.56



Test Report

PS NEXT

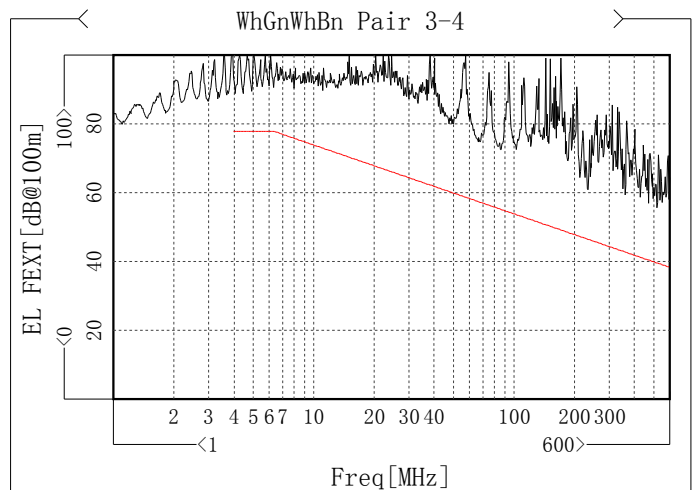
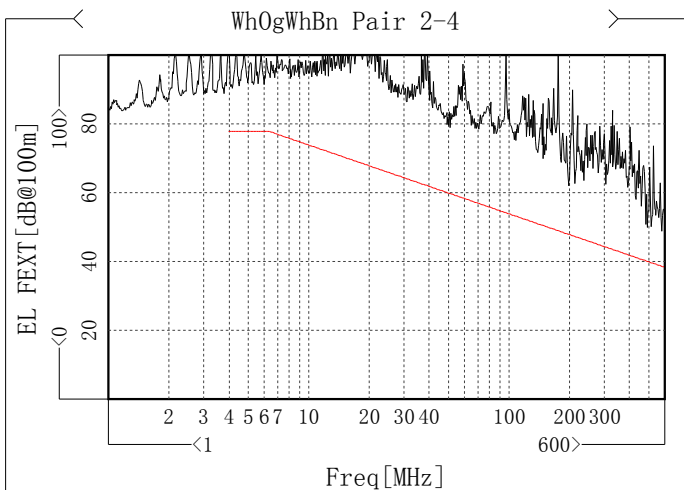
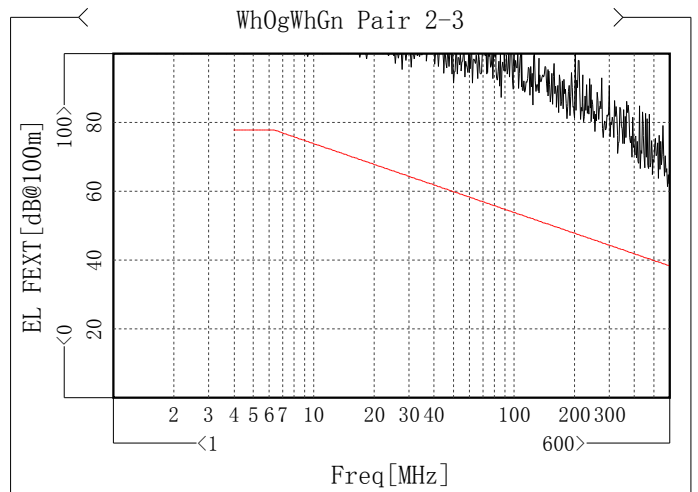
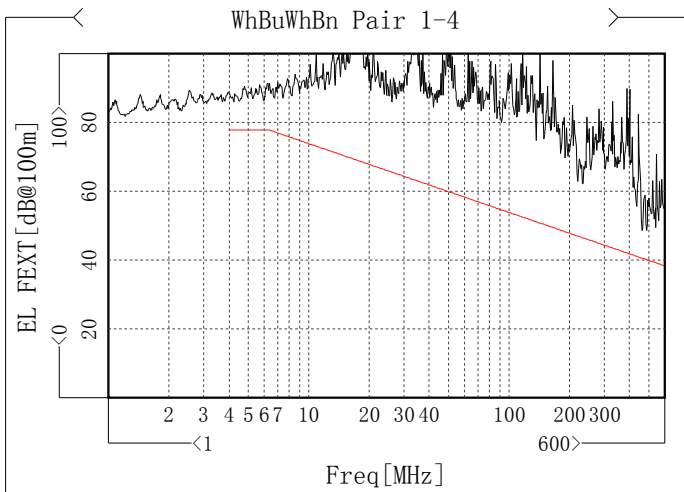
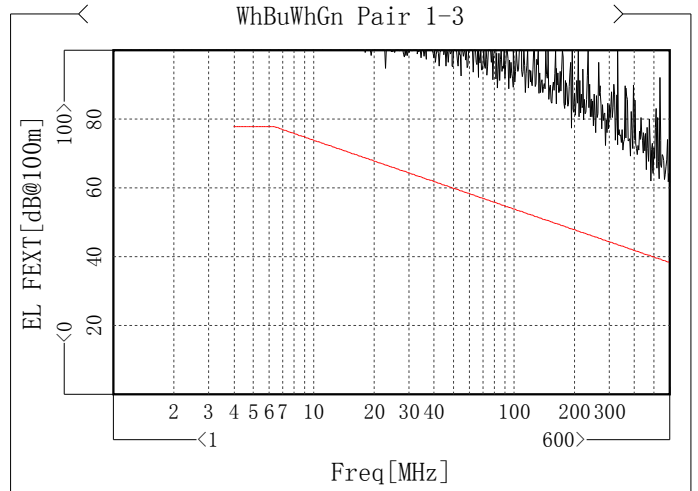
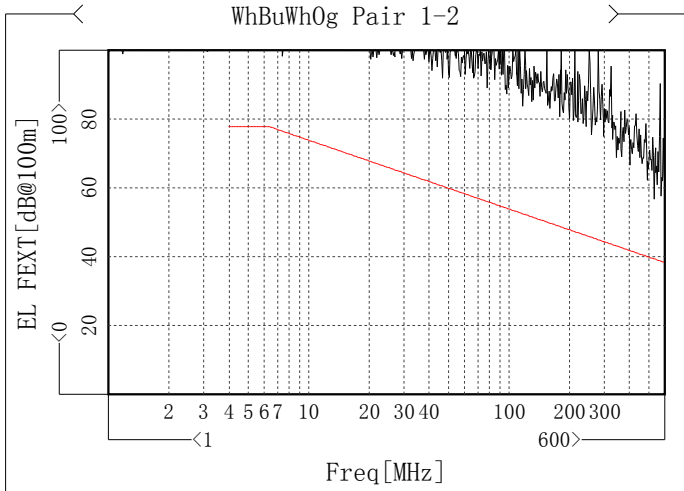
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WhBu Pair 1	64.63	463.985	59.4	5.23
Wh0g Pair 2	67.54	299.081	62.26	5.28
WhGn Pair 3	78.47	1.122	75	3.47
WhBn Pair 4	76.65	1.15	75	1.65



Test Report

EL FEXT

Item	Min [dB@100m]	Freq [MHz]	Spec [dB@100m]	Margin [dB@100m]
WhBuWhOg Pair 1-2	56.89	538.175	39.38	17.51
WhBuWhGn Pair 1-3	62.16	488.715	40.22	21.94
WhBuWhBn Pair 1-4	48.72	468.106	40.59	8.13
WhOgWhGn Pair 2-3	61.52	587.635	38.62	22.9
WhOgWhBn Pair 2-4	50.04	496.958	40.07	9.97
WhGnWhBn Pair 3-4	88.83	4.505	78	10.83

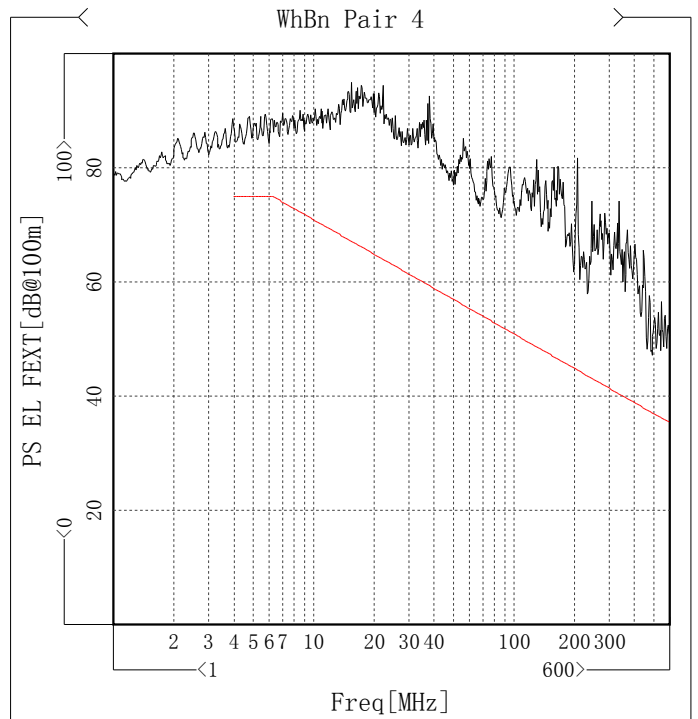
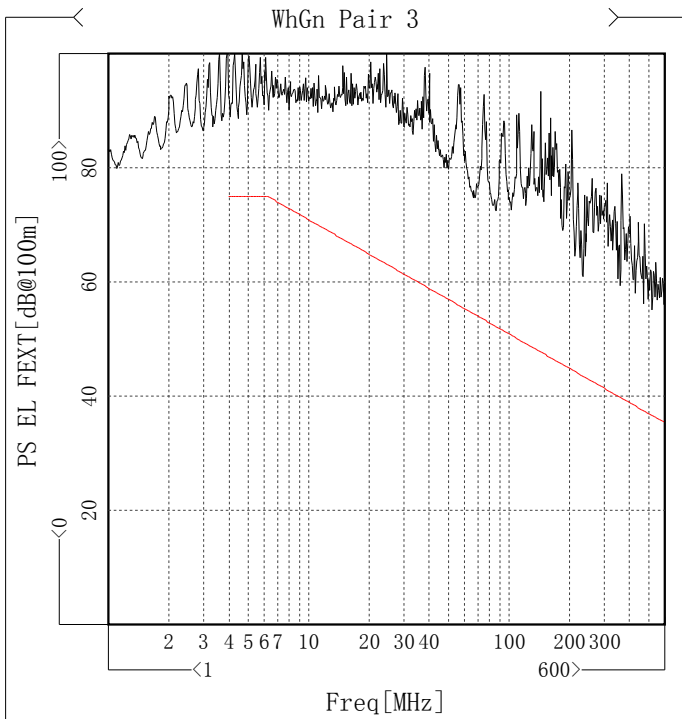
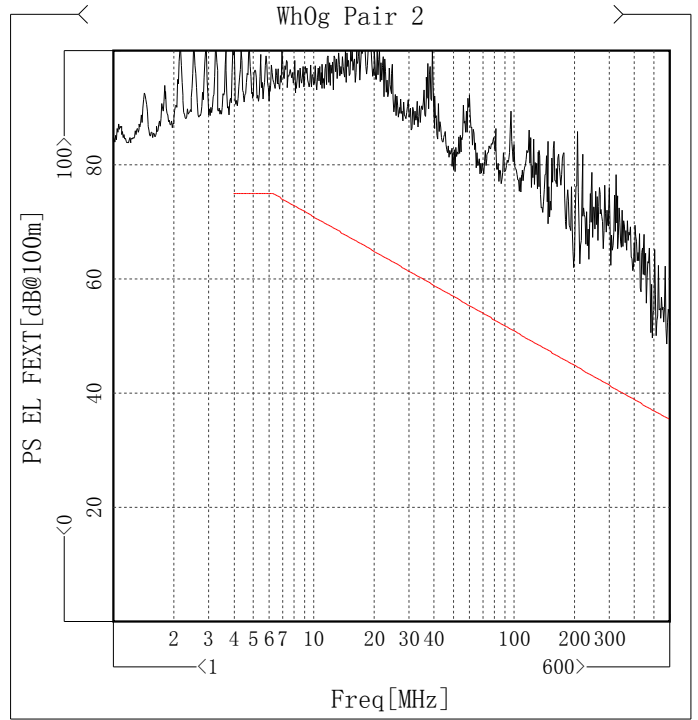
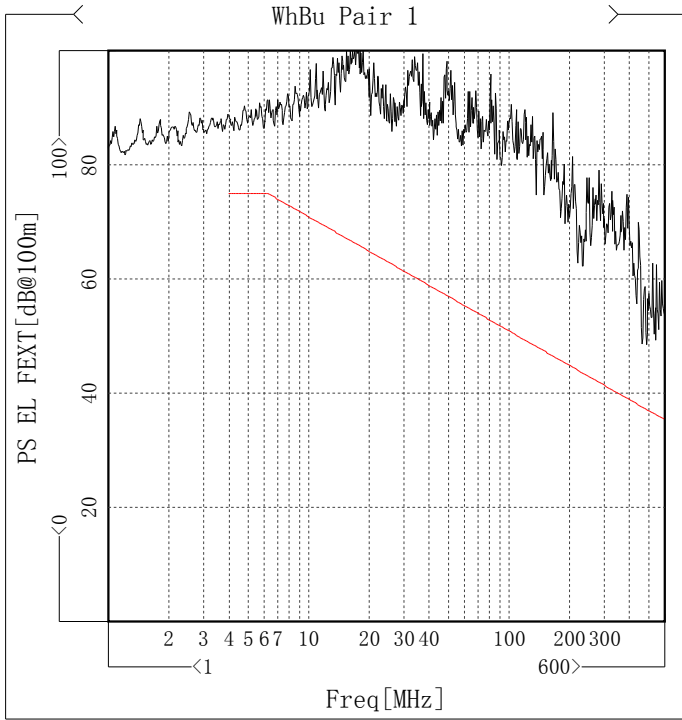


Test Report

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PS EL FEXT

Item	Min [dB@100m]	Freq [MHz]	Spec [dB@100m]	Margin [dB@100m]
WhBu Pair 1	86.05	4.303	75	11.05
Wh0g Pair 2	49.75	496.958	37.07	12.68
WhGn Pair 3	88.67	4.505	75	13.67
WhBn Pair 4	84.16	4.573	75	9.16



Test Report

Attenuation[dB/100m]

No.	Freq [MHz]	Spec (Max)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	2.01	1.90	1.94	1.97 ↑	1.97
2	4	3.74	3.39	3.46	3.54 ↑	3.52
3	8	5.24	4.68	4.79	4.91 ↑	4.90
4	10	5.86	5.24	5.36	5.49 ↑	5.49
5	16	7.41	6.70	6.82	6.93	6.95 ↑
6	20	8.29	7.55	7.67	7.80 ↑	7.78
7	25	9.29	8.51	8.67	8.88 ↑	8.78
8	31.25	10.41	9.56	9.77	9.98 ↑	9.97
9	50	13.26	12.16	12.43	12.68 ↑	12.61
10	62.5	14.88	13.61	13.85	14.17 ↑	14.07
11	100	19.02	17.27	17.58	17.93 ↑	17.91
12	125	21.39	19.33	19.73	20.14 ↑	20.10
13	200	27.47	24.66	25.05	25.57	25.57 ↑
14	250	30.97	27.39	28.16	28.62 ↑	28.60
15	300	34.19	30.31	30.96	31.45 ↑	31.45
16	350	37.19	32.77	33.49	34.00	34.01 ↑
17	400	40.01	35.11	35.90	36.42	36.45 ↑
18	450	42.69	37.45	38.30	38.83	38.88 ↑
19	500	45.26	39.38	40.29	40.82	40.90 ↑
20	550	47.72	41.41	42.38	42.93	43.02 ↑
21	600	50.1	43.56	44.59	45.14	45.26 ↑

Delay[ns/100m]

No.	Freq [MHz]	Spec (Max)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	\	477.50	478.60	482.81 ↑	478.11
2	4	552	460.80	461.50	465.34 ↑	460.64
3	8	546.73	455.86	456.44	460.17 ↑	455.47
4	10	545.38	454.57	455.13	458.83 ↑	454.13
5	16	543	452.35	452.86	456.50 ↑	451.81
6	20	542.05	451.46	451.94	455.57 ↑	450.88
7	25	541.2	450.64	451.10	454.71 ↑	450.02
8	31.25	540.44	449.95	450.39	453.99 ↑	449.29
9	50	539.09	448.68	449.10	452.66 ↑	447.97
10	62.5	538.55	448.17	448.57	452.13 ↑	447.43
11	100	537.6	447.29	447.67	451.21 ↑	446.51
12	125	537.22	446.92	447.29	450.82 ↑	446.13
13	200	536.55	446.30	446.66	450.17 ↑	445.48
14	250	536.28	446.05	446.40	449.91 ↑	445.21
15	300	536.08	445.86	446.21	449.71 ↑	445.02
16	350	535.92	445.72	446.06	449.56 ↑	444.87
17	400	535.8	445.60	445.94	449.44 ↑	444.75
18	450	535.7	445.50	445.84	449.33 ↑	444.64
19	500	535.61	445.42	445.76	449.25 ↑	444.56
20	550	535.54	445.35	445.69	449.18 ↑	444.49
21	600	535.47	445.28	445.62	449.11 ↑	444.41

Test Report

Record File: D:\Program Files\SECRI\CTS650A\TestRecord\CTS211024-4-P.cts

Delay Skew[ns/100m]

No.	Freq [MHz]	Spec (Max)	WhBuWhOg Pair 1-2	WhBuWhGn Pair 1-3	WhBuWhBn Pair 1-4	WhOgWhGn Pair 2-3	WhOgWhBn Pair 2-4	WhGnWhBn Pair 3-4
1	1	\	1.10	5.31 ↑	0.61	4.21	0.49	4.70
2	4	25	0.70	4.54	0.16	3.84	0.86	4.70 ↑
3	8	25	0.58	4.31	0.38	3.73	0.97	4.70 ↑
4	10	25	0.55	4.25	0.44	3.70	1.00	4.70 ↑
5	16	25	0.50	4.15	0.54	3.65	1.05	4.70 ↑
6	20	25	0.48	4.11	0.59	3.63	1.07	4.70 ↑
7	25	25	0.46	4.07	0.62	3.61	1.08	4.70 ↑
8	31.25	25	0.44	4.04	0.66	3.60	1.10	4.70 ↑
9	50	25	0.41	3.98	0.71	3.57	1.13	4.69 ↑
10	62.5	25	0.40	3.96	0.74	3.56	1.14	4.69 ↑
11	100	25	0.38	3.92	0.78	3.54	1.16	4.69 ↑
12	125	25	0.37	3.90	0.79	3.53	1.17	4.69 ↑
13	200	25	0.36	3.87	0.82	3.51	1.18	4.69 ↑
14	250	25	0.35	3.86	0.83	3.51	1.19	4.69 ↑
15	300	25	0.35	3.85	0.84	3.50	1.19	4.69 ↑
16	350	25	0.34	3.85	0.85	3.50	1.19	4.69 ↑
17	400	25	0.34	3.84	0.85	3.50	1.20	4.69 ↑
18	450	25	0.34	3.84	0.86	3.50	1.20	4.69 ↑
19	500	25	0.34	3.83	0.86	3.49	1.20	4.69 ↑
20	550	25	0.34	3.83	0.87	3.49	1.20	4.69 ↑
21	600	25	0.33	3.83	0.87	3.49	1.20	4.69 ↑

Input Impedance[Ohm]

No.	Freq [MHz]	Spec		WhBu	WhOg	WhGn	WhBn
		(Max)	(Min)	Pair 1	Pair 2	Pair 3	Pair 4
1	1	122.22	81.82	110.18 ↑	110.07	107.68 ↓	108.10
2	4	115.22	86.79	106.72 ↑	106.32	104.03	103.77 ↓
3	8	112.64	88.78	106.28 ↑	105.93	103.17 ↓	103.49
4	10	111.92	89.35	106.37 ↑	105.56	103.35 ↓	103.76
5	16	111.92	89.35	106.27 ↑	104.64	102.45 ↓	104.02
6	20	111.92	89.35	104.89 ↑	103.86	102.54	102.45 ↓
7	25	112.95	88.54	104.78 ↑	104.26	101.63	101.36 ↓
8	31.25	114.07	87.66	105.52 ↑	104.06	102.73 ↓	102.96
9	50	116.8	85.62	106.58 ↑	105.16	102.33 ↓	103.03
10	62.5	118.29	84.54	105.57 ↑	105.27	102.10 ↓	102.94
11	100	121.92	82.02	105.41 ↑	104.14	102.58	102.13 ↓
12	125	123.91	80.7	105.78 ↑	103.44	101.07 ↓	101.98
13	200	128.8	77.64	101.49	100.22 ↓	103.10 ↑	100.78
14	250	131.51	76.04	102.73	103.74 ↑	100.73 ↓	102.36
15	300	131.6	75.99	105.14 ↑	104.72	101.71	100.16 ↓
16	350	131.6	75.99	104.56 ↑	96.41 ↓	100.07	99.90
17	400	131.6	75.99	106.29 ↑	104.54	104.03 ↓	104.71
18	450	131.6	75.99	104.06 ↑	101.96	100.61 ↓	101.48
19	500	131.6	75.99	103.72 ↑	101.87	103.66	101.72 ↓
20	550	131.6	75.99	104.00	104.28 ↑	100.83 ↓	103.71
21	600	131.6	75.99	108.58 ↑	103.08	101.94 ↓	103.17

Test Report

Return Loss [dB]

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	20	25.28 ↓	25.84	26.90	26.13
2	4	23.01	29.20 ↓	29.51	32.15	32.65
3	8	24.52	30.20 ↓	30.29	35.12	34.14
4	10	25	30.00 ↓	30.69	35.38	33.82
5	16	25	30.34 ↓	32.96	38.08	34.21
6	20	25	32.35 ↓	34.46	37.56	38.60
7	25	24.32	32.01 ↓	33.50	41.37	41.80
8	31.25	23.64	30.87 ↓	33.86	36.34	35.56
9	50	22.21	29.76 ↓	31.88	37.81	34.89
10	62.5	21.54	30.43 ↓	30.96	37.73	33.84
11	100	20.11	31.29 ↓	33.64	38.07	36.55
12	125	19.43	29.60 ↓	34.72	39.94	38.24
13	200	18	32.16	46.47	31.32 ↓	34.45
14	250	17.32	34.52	32.23 ↓	37.32	36.70
15	300	17.3	30.29 ↓	32.19	36.55	39.06
16	350	17.3	27.66 ↓	30.22	31.11	36.25
17	400	17.3	30.11	28.75	28.44 ↓	30.53
18	450	17.3	29.50 ↓	37.50	45.26	33.84
19	500	17.3	27.65 ↓	32.10	30.13	38.27
20	550	17.3	31.60	30.65 ↓	33.12	32.09
21	600	17.3	26.16 ↓	29.46	33.49	29.54

NEXT [dB@100m]

No.	Freq [MHz]	Spec (Min)	WhBuWhOg Pair 1-2	WhBuWhGn Pair 1-3	WhBuWhBn Pair 1-4	WhOgWhGn Pair 2-3	WhOgWhBn Pair 2-4	WhGnWhBn Pair 3-4
1	1	78	104.51	103.44	83.15	96.49	83.90	82.22 ↓
2	4	78	100.74	104.37	97.13	96.45	102.95	95.39 ↓
3	8	78	109.87	106.14	99.31	99.53	104.69	96.92 ↓
4	10	78	126.23	102.80	95.91 ↓	105.14	103.59	103.46
5	16	78	107.79	114.12	110.27	108.70	101.72 ↓	106.39
6	20	78	101.68	107.73	105.32	99.68	97.72 ↓	102.71
7	25	78	99.79 ↓	104.87	116.02	101.24	115.96	102.20
8	31.25	78	97.23 ↓	104.56	99.03	108.16	107.85	103.01
9	50	76.92	105.73	104.93	101.82	104.92	101.20 ↓	101.50
10	62.5	75.46	102.53	101.98	100.74	110.19	99.34 ↓	104.12
11	100	72.4	97.24	98.23	102.43	89.92 ↓	99.33	102.83
12	125	70.95	97.68	94.57 ↓	95.55	96.13	97.92	98.29
13	200	67.88	93.02	96.31	86.31	94.06	85.59 ↓	91.31
14	250	66.43	103.60	87.88	85.98	94.00	88.53	83.91 ↓
15	300	65.24	84.77	90.53	78.73	94.43	73.20 ↓	80.75
16	350	64.24	85.38	79.43	80.20	77.05 ↓	85.14	87.16
17	400	63.37	72.93 ↓	91.61	81.60	89.08	83.02	91.24
18	450	62.6	89.17	85.74	77.91 ↓	85.01	78.59	84.58
19	500	61.92	72.76	78.12	84.21	73.21	72.75 ↓	79.36
20	550	61.29	77.20	75.57 ↓	77.77	80.10	82.45	85.68
21	600	60.73	71.75	77.46	81.08	66.64 ↓	74.16	79.22

Test Report

Record File: D:\Program Files\SECRI\CTS650A\TestRecord\CTS211024-4-P.cts

PS NEXT[dB@100m]

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	75	83.07	83.63	82.03	78.26 ↓
2	4	75	95.02	94.41	92.57 ↓	92.71
3	8	75	97.20	96.94	94.52	94.43 ↓
4	10	75	95.09	101.26	98.92	94.61 ↓
5	16	75	102.51	97.92 ↓	102.86	100.00
6	20	75	98.24	94.42 ↓	96.64	95.25
7	25	75	98.20	97.16 ↓	97.66	101.58
8	31.25	75	94.56 ↓	95.78	98.07	96.99
9	50	73.92	98.62	97.97	98.59	96.61 ↓
10	62.5	72.46	96.77	96.80	99.16	96.02 ↓
11	100	69.4	93.28	87.79 ↓	88.90	96.21
12	125	67.95	90.25 ↓	90.48	90.85	92.29
13	200	64.88	85.07	84.33	88.51	82.32 ↓
14	250	63.43	82.16	85.26	80.38 ↓	80.65
15	300	62.24	77.08	72.24	78.48	71.34 ↓
16	350	61.24	75.28	75.56	74.35 ↓	78.11
17	400	60.37	72.31 ↓	72.42	85.71	78.95
18	450	59.6	76.07	77.40	80.25	73.40 ↓
19	500	58.92	71.32	67.73 ↓	71.11	71.30
20	550	58.29	71.82 ↓	74.51	73.84	76.00
21	600	57.73	70.33	64.92 ↓	66.08	72.36

EL FEXT[dB@100m]

No.	Freq [MHz]	Spec (Min)	WhBuWhOg Pair 1-2	WhBuWhGn Pair 1-3	WhBuWhBn Pair 1-4	WhOgWhGn Pair 2-3	WhOgWhBn Pair 2-4	WhGnWhBn Pair 3-4
1	1	\	106.96	105.70	83.46	109.87	84.25	83.41 ↓
2	4	78	109.26	126.83	88.99 ↓	116.94	101.33	104.14
3	8	75.94	114.21	107.69	92.57 ↓	110.86	95.43	94.06
4	10	74	109.67	111.42	90.33 ↓	102.83	97.07	93.97
5	16	69.92	104.61	112.86	99.11	105.96	99.23	93.67 ↓
6	20	67.98	103.75	101.77	100.10	105.77	97.23	93.47 ↓
7	25	66.04	106.81	99.72	91.17 ↓	108.51	97.40	93.63
8	31.25	64.1	104.88	101.22	92.86	97.49	86.66 ↓	89.57
9	50	60.02	98.56	95.36	108.93	111.40	80.48 ↓	81.21
10	62.5	58.08	100.66	105.37	87.94	97.13	85.02	79.83 ↓
11	100	54	95.57	90.74	92.79	91.14	82.22	76.30 ↓
12	125	52.06	89.79	91.85	85.06	90.29	79.94	78.25 ↓
13	200	47.98	88.67	82.82	70.68	84.45	64.66 ↓	85.26
14	250	46.04	86.96	82.69	78.48	86.11	74.79	74.58 ↓
15	300	44.46	76.88	77.25	75.63	82.49	72.02 ↓	74.11
16	350	43.12	71.12	74.66	68.11 ↓	78.80	71.95	68.85
17	400	41.96	75.67	89.40	80.76	72.82	62.95 ↓	72.71
18	450	40.94	75.01	75.65	75.23	72.81	70.14	69.36 ↓
19	500	40.02	66.31	67.74	55.76	66.22	51.19 ↓	64.58
20	550	39.19	65.45	67.68	50.29 ↓	74.28	53.69	66.19
21	600	38.44	61.35	61.75	55.40	66.25	52.78 ↓	64.61

Test Report

Record File: D:\Program Files\SECRI\CTS650A\TestRecord\CTS211024-4-P.cts

PS EL FEXT[dB@100m]

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	\	83.42	84.21	83.38	78.92 ↓
2	4	75	88.95	100.57	103.89	88.60 ↓
3	8	72.94	92.40	95.24	93.77	89.06 ↓
4	10	71	90.25	95.86	93.37	88.17 ↓
5	16	66.92	97.86	97.18	93.32	91.60 ↓
6	20	64.98	96.62	95.86	92.65	91.12 ↓
7	25	63.04	90.50	96.52	92.56	88.50 ↓
8	31.25	61.1	91.98	86.22	88.63	84.16 ↓
9	50	57.02	92.98	80.40	81.04	77.74 ↓
10	62.5	55.08	87.58	84.36	79.61	78.15 ↓
11	100	51	87.60	81.52	75.99	75.20 ↓
12	125	49.06	82.96	79.02	77.67	75.36 ↓
13	200	44.98	70.34	64.60	79.23	63.61 ↓
14	250	43.04	75.95	73.92	73.41	70.53 ↓
15	300	41.46	71.46	70.21	71.95	68.25 ↓
16	350	40.12	65.43	67.90	67.39	64.05 ↓
17	400	38.96	74.13	62.30 ↓	69.68	62.35
18	450	37.94	69.20	66.72	66.95	64.84 ↓
19	500	37.02	54.98	50.90	60.76	49.63 ↓
20	550	36.19	50.08	53.35	63.08	48.48 ↓
21	600	35.44	53.68	52.05	59.03	50.71 ↓