

Test Information

Test Time : 2022/09/10 07:15:13	Temperature:33C
Standard:ZL-IEC 61156 cat7A/305m 4P chou fwd-1000M	Test Result:Pass
Cable Length:100m	Equipment number:14D113S1
Tester:0137	Notes:TELTRAN 220826-19
Cable type:S/FTP-CAT7A-4P	Cable ID:176028309

Test Result List

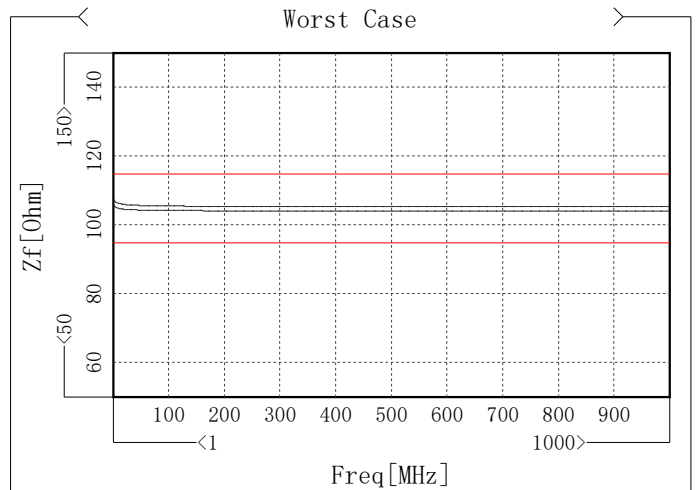
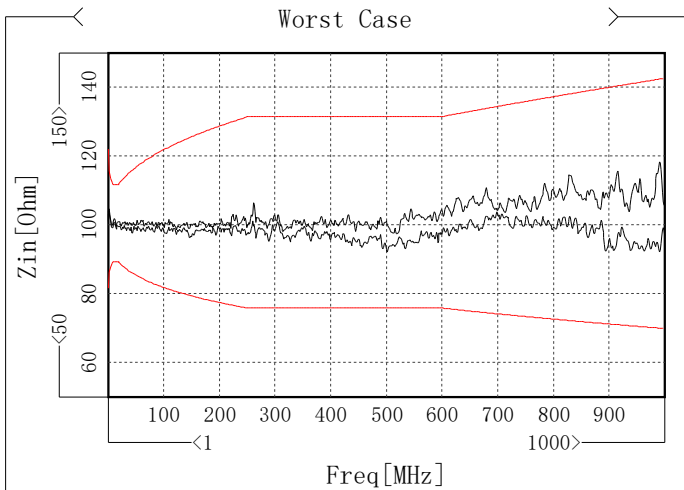
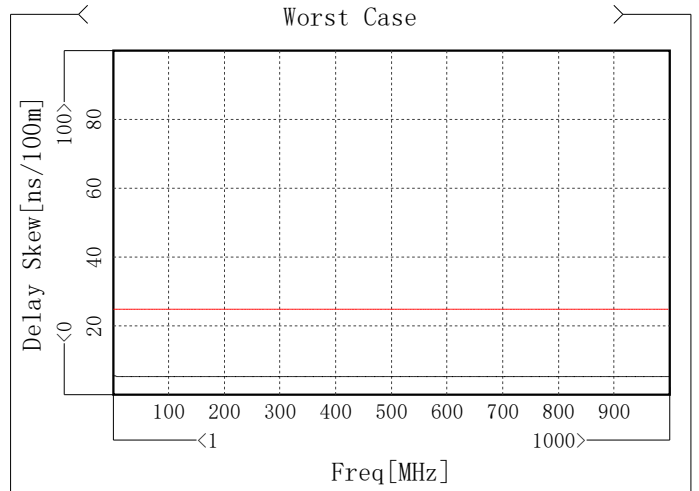
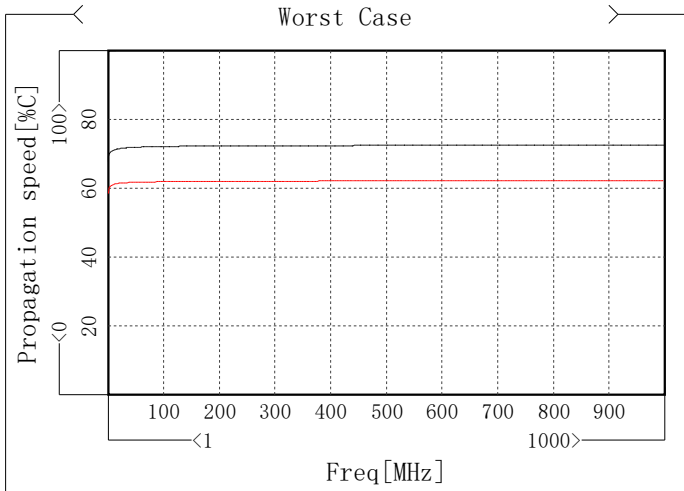
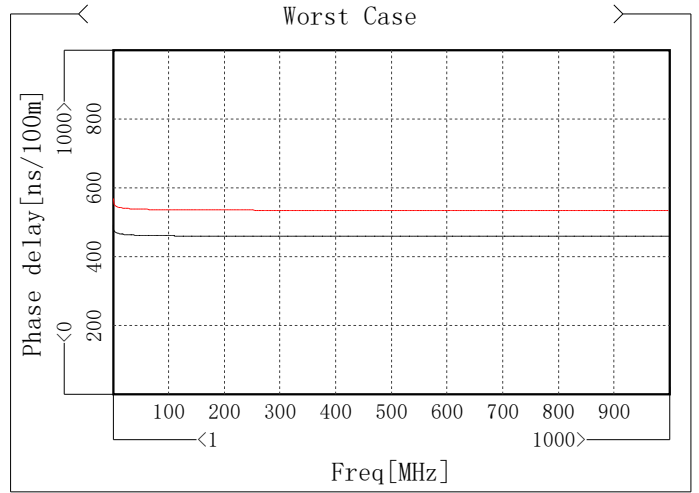
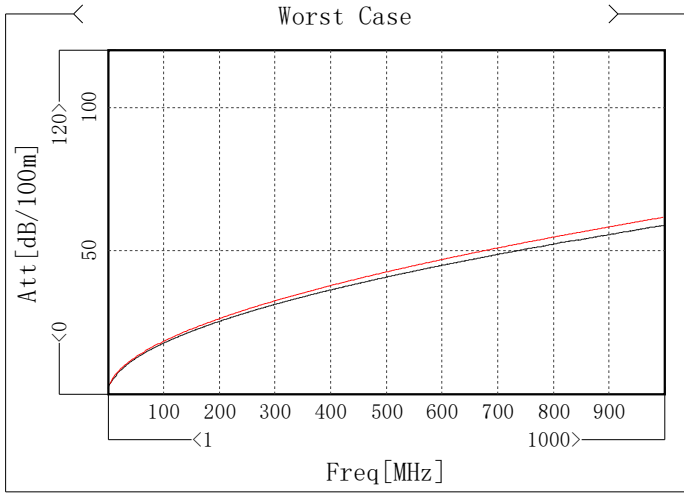
Test Item	Unit	Test Result
Att	dB/100m	Pass
Phase delay	ns/100m	Pass
Propagation speed	%C	Pass
Delay Skew	ns/100m	Pass
Zin	Ohm	Pass
Zf	Ohm	Pass
Rl	dB	Pass
Next	dB@100m	Pass
PsNext	dB@100m	Pass
ElFext	dB@100m	Pass
PsElFext	dB@100m	Pass

Inspector: _____
Date : _____

Assessor : _____
Date : _____

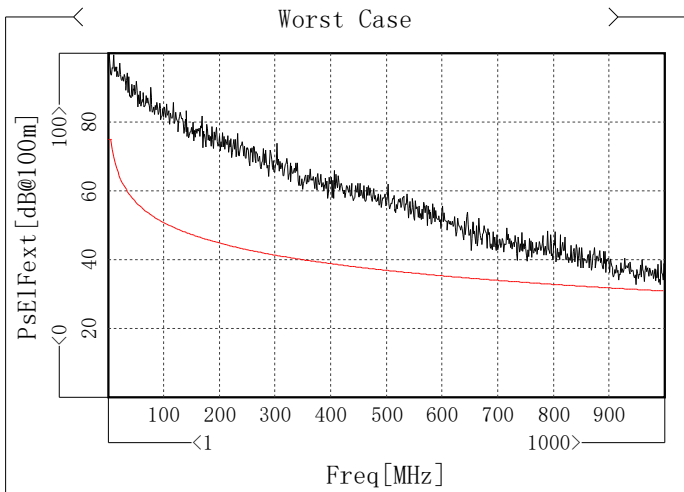
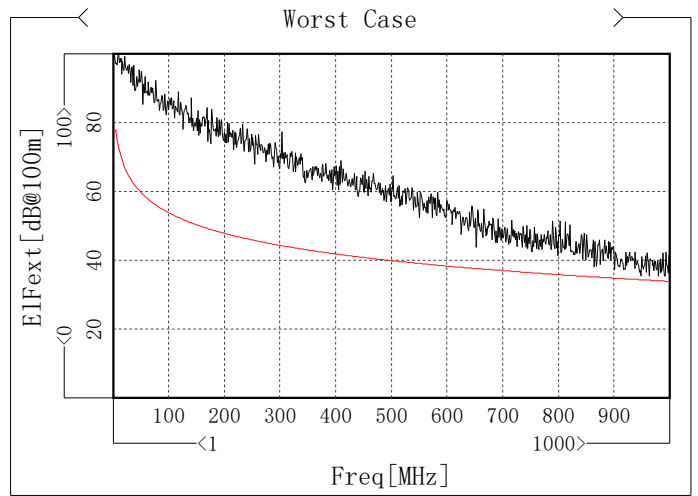
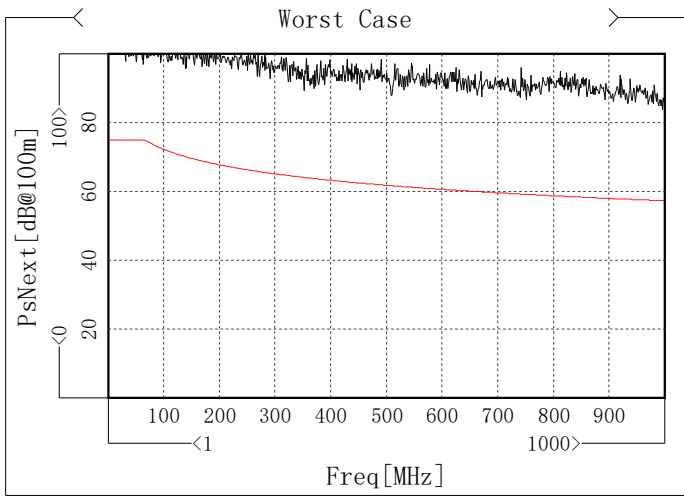
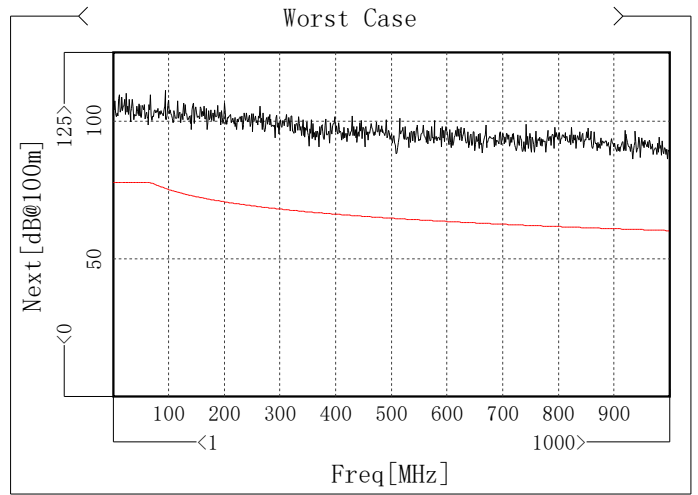
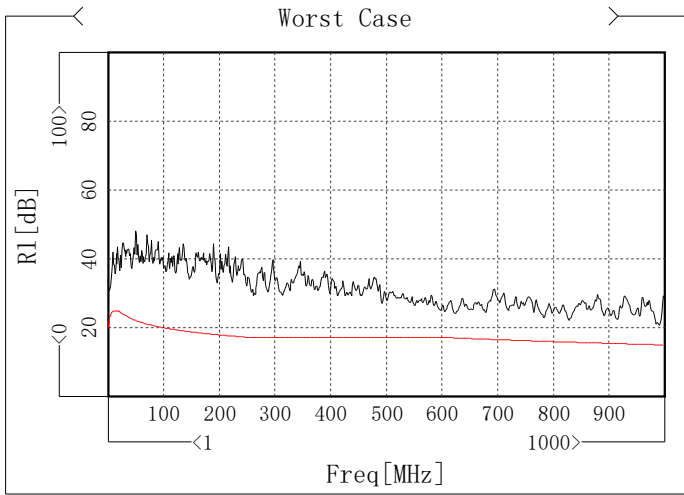
Worst Summary Of High Freq Parameter

Item	Max	Freq[MHz]	Spec	Margin	Min	Freq[MHz]	Spec	Margin
✓ Att[dB/100m]	3.8	4.746	4.06	0.26	/	/	/	/
✓ Phase delay[ns/100m]	459.37	995.005	535.14	75.77	/	/	/	/
✓ Propagation speed[%C]	/	/	/	/	67.71	1	58.51	9.2
✓ Delay Skew[ns/100m]	5.86	1	25	19.14	/	/	/	/
✓ Zin[Ohm]	101.88	12.239	111.92	10.04	98.99	15.985	89.35	9.64
✓ Zf[Ohm]	109.13	1	115	5.87	104.14	981.269	95	9.14



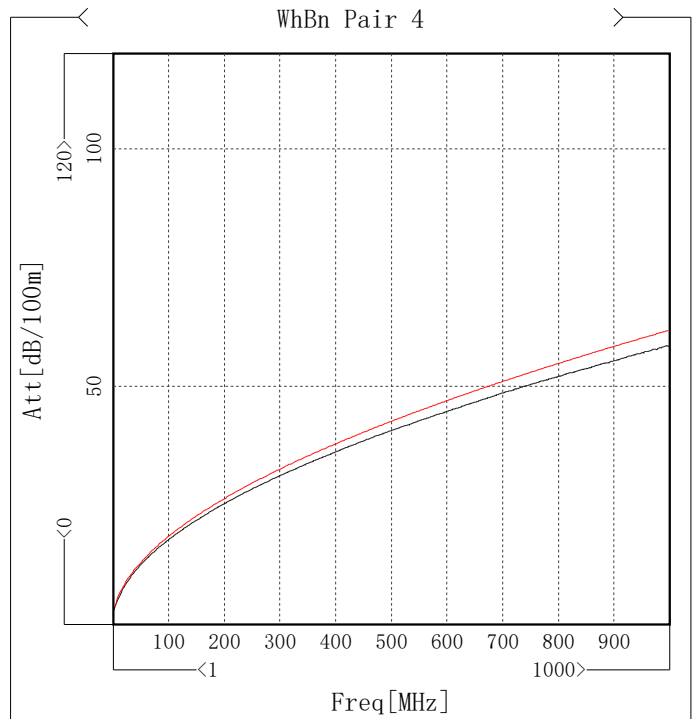
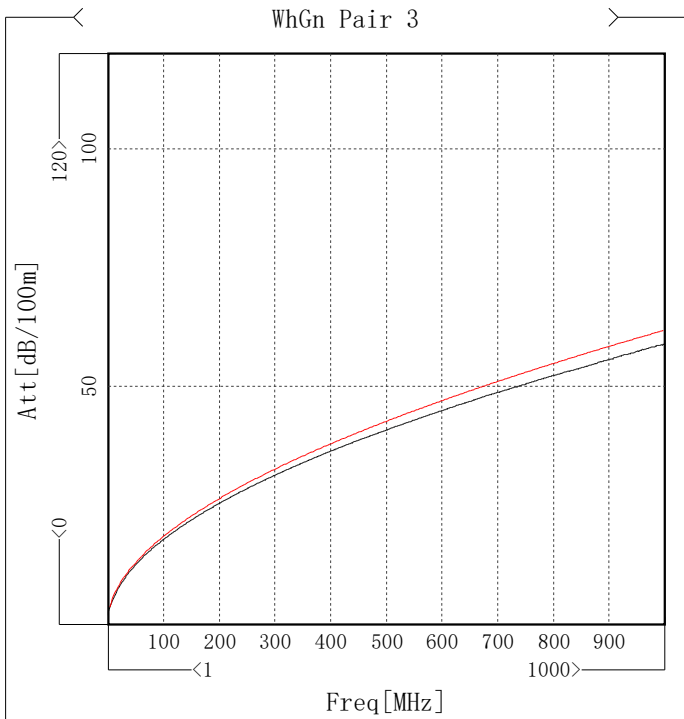
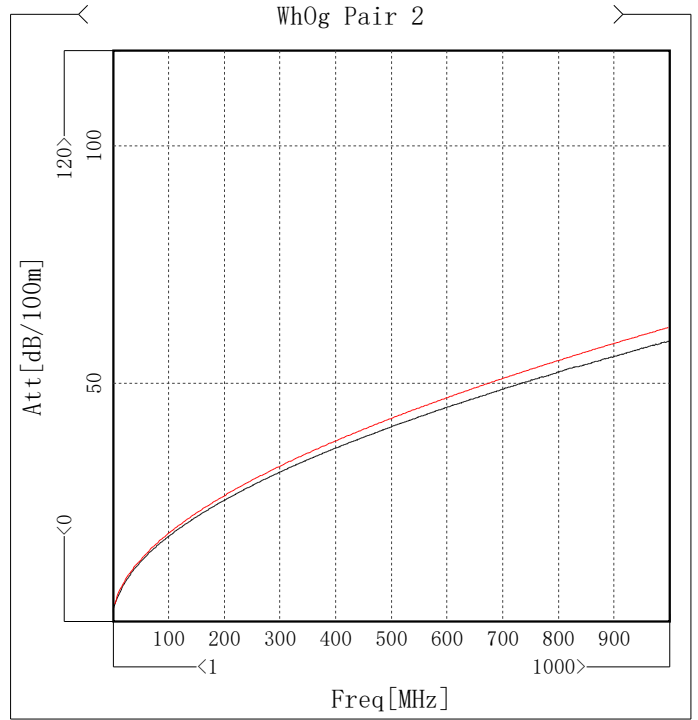
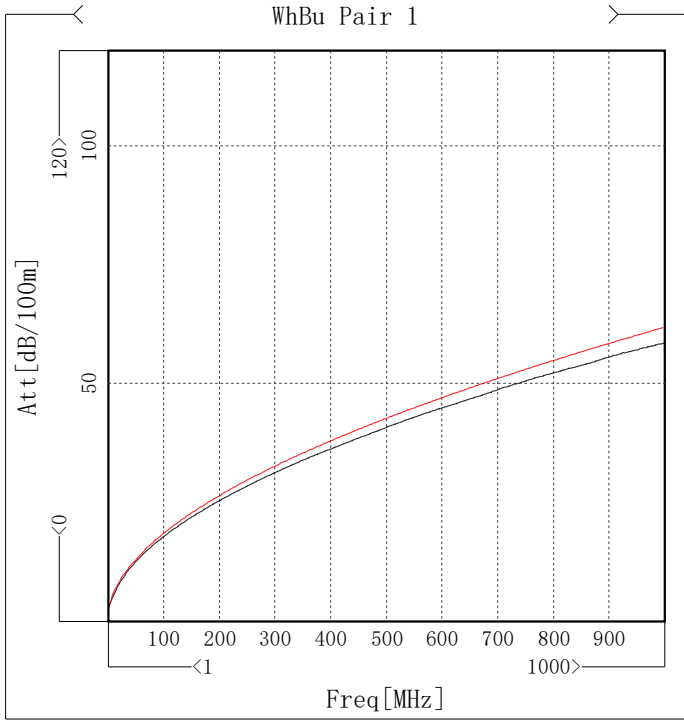
Worst Summary Of High Freq Parameter(2)

Item	Min	Freq[MHz]	Spec	Margin
✓ R1 [dB]	20.84	991.259	15.12	5.72
✓ Next [dB@100m]	98.89	64.686	78	20.89
✓ PsNext [dB@100m]	96.99	64.686	75	21.99
✓ E1Fext [dB@100m]	35.59	948.801	34.46	1.13
✓ PsE1Fext [dB@100m]	32.92	948.801	31.46	1.46



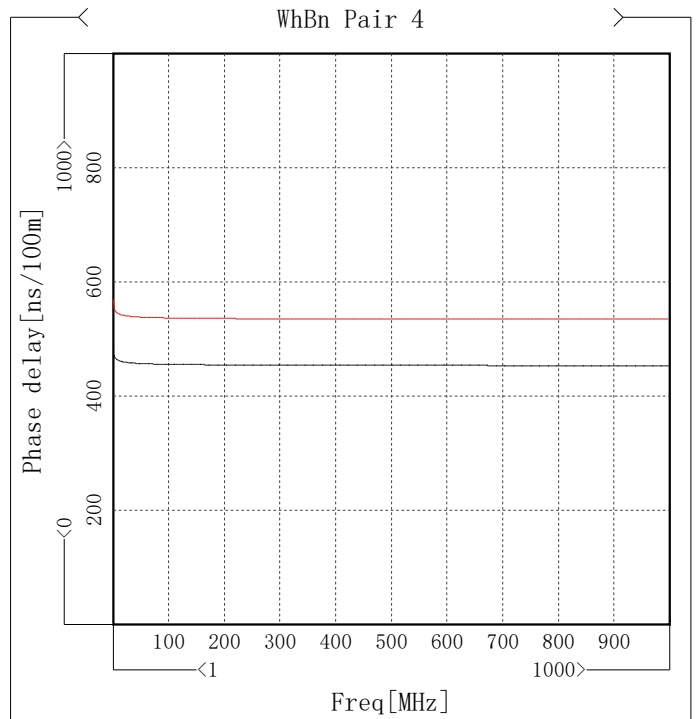
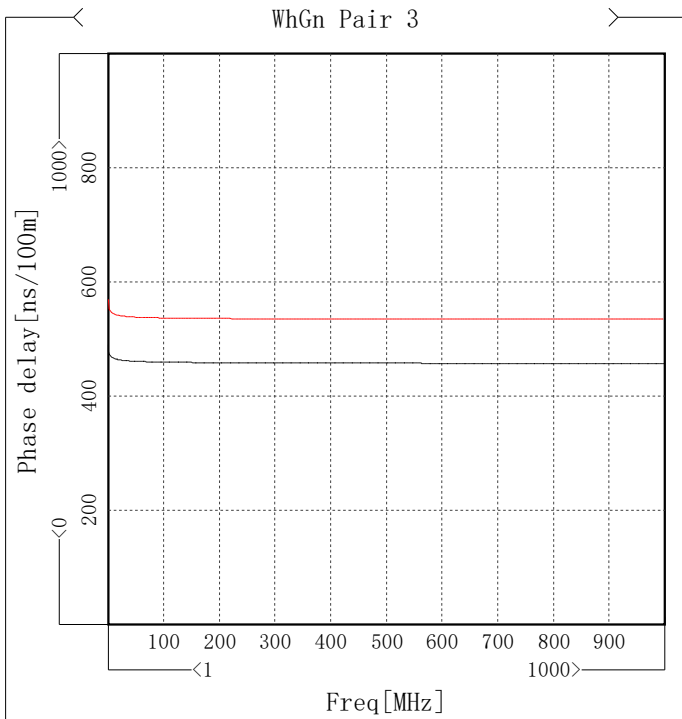
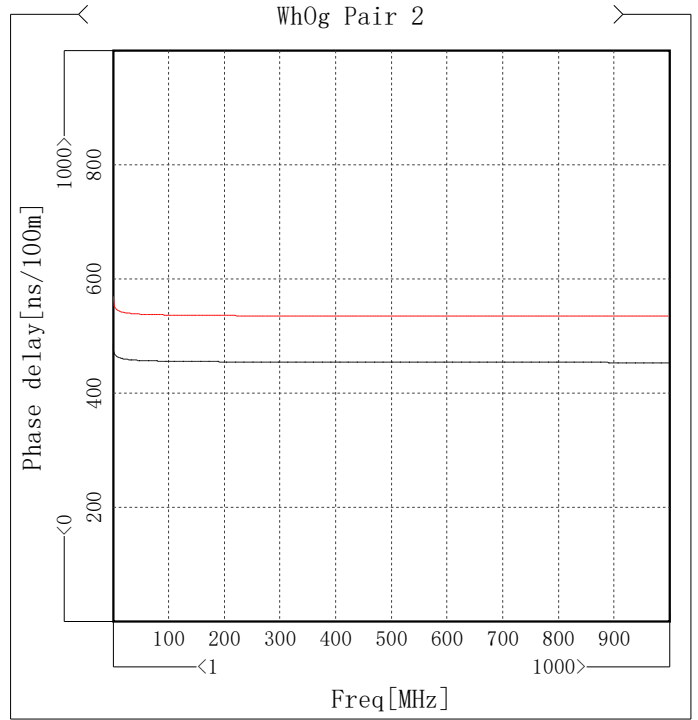
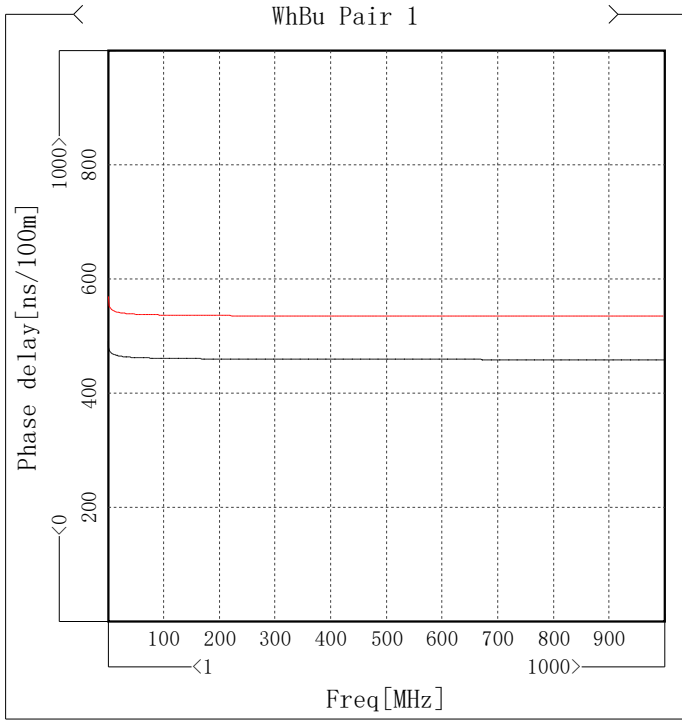
Att

Item	Max [dB/100m]	Freq[MHz]	Spec [dB/100m]	Margin [dB/100m]
WhBu Pair 1	3.8	4.746	4.06	0.26
WhOg Pair 2	3.8	4.746	4.06	0.26
WhGn Pair 3	3.8	4.746	4.06	0.26
WhBn Pair 4	3.78	4.746	4.06	0.28



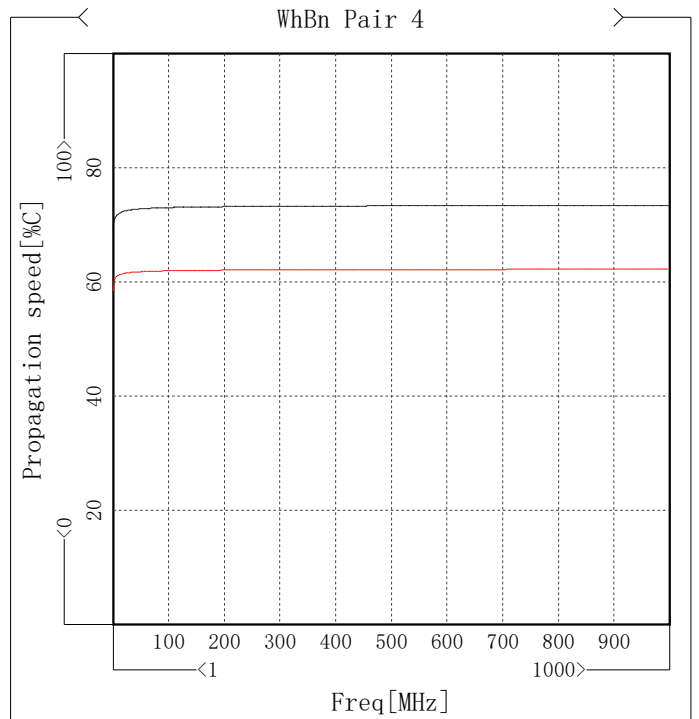
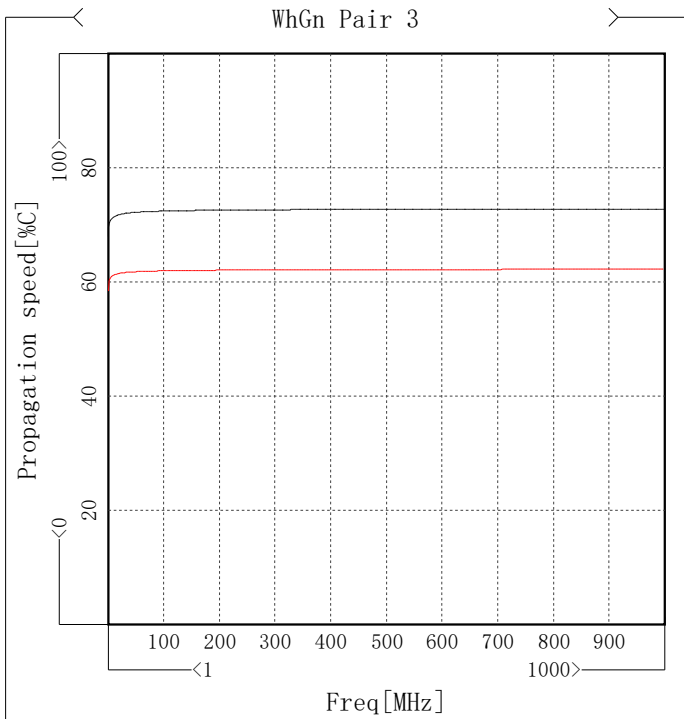
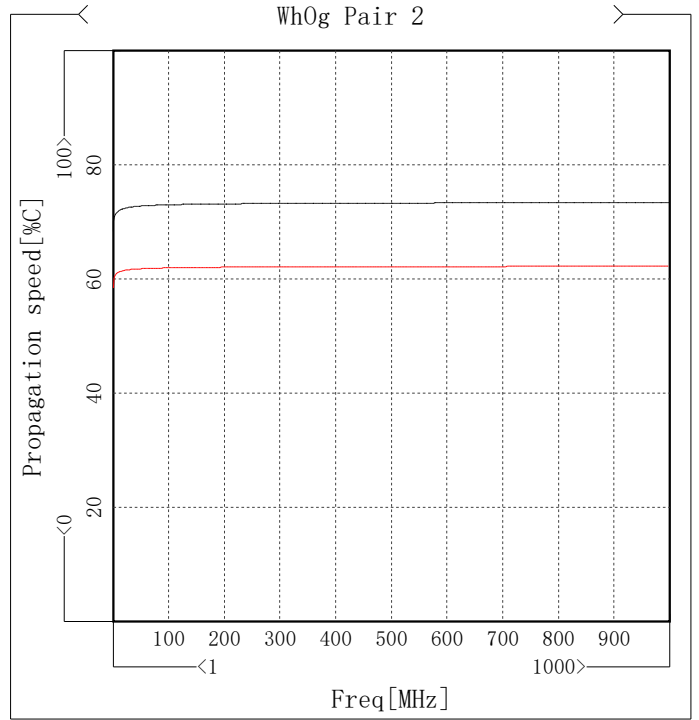
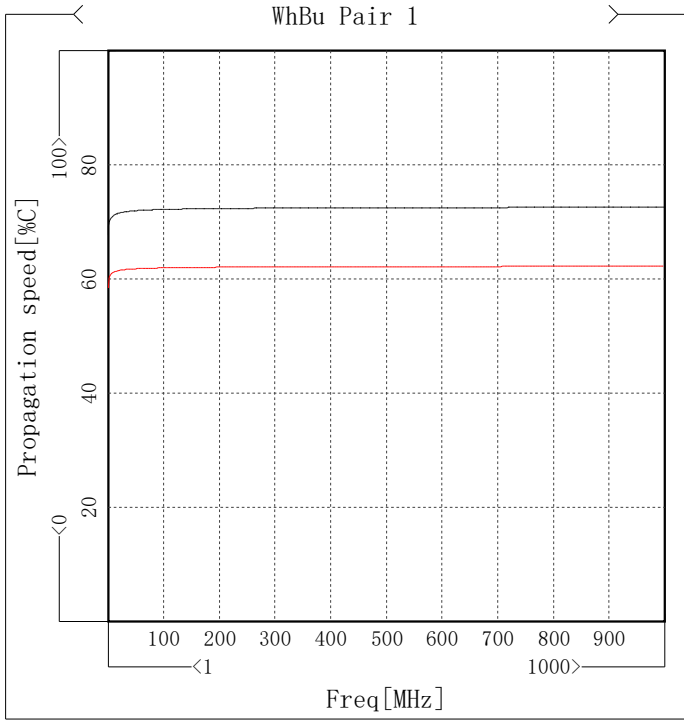
Phase delay

Item	Max [ns/100m]	Freq [MHz]	Spec [ns/100m]	Margin [ns/100m]
WhBu Pair 1	459.37	995.005	535.14	75.77
WhOg Pair 2	454.25	988.761	535.14	80.89
WhGn Pair 3	457.93	996.254	535.14	77.21
WhBn Pair 4	454.07	1000	535.14	81.07



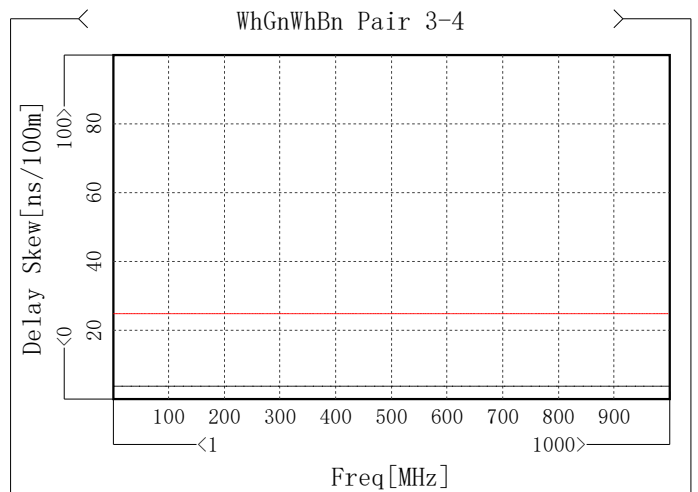
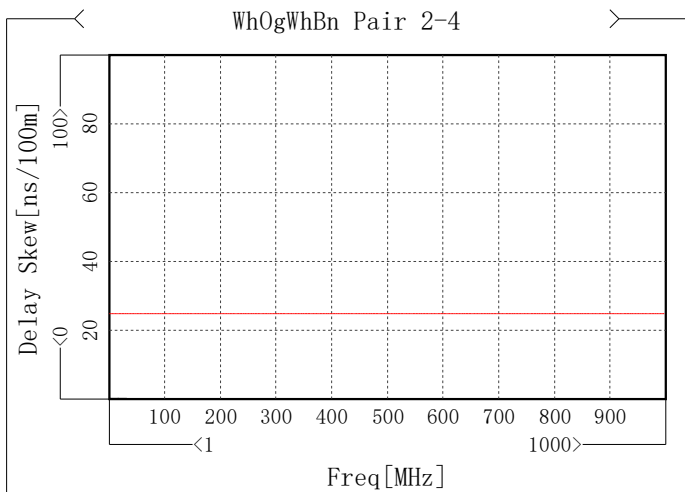
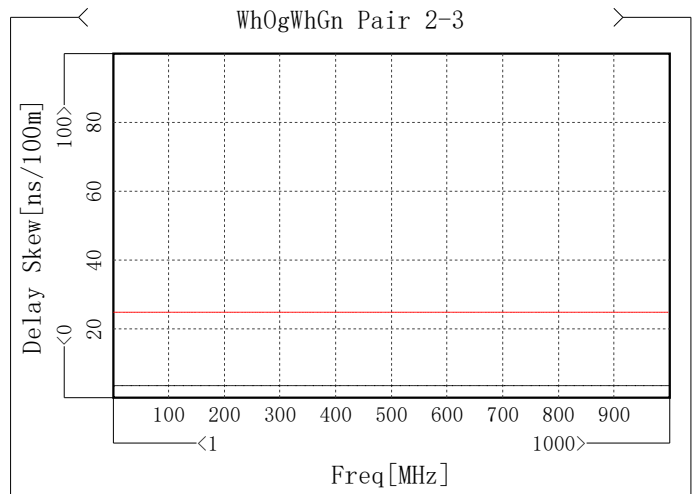
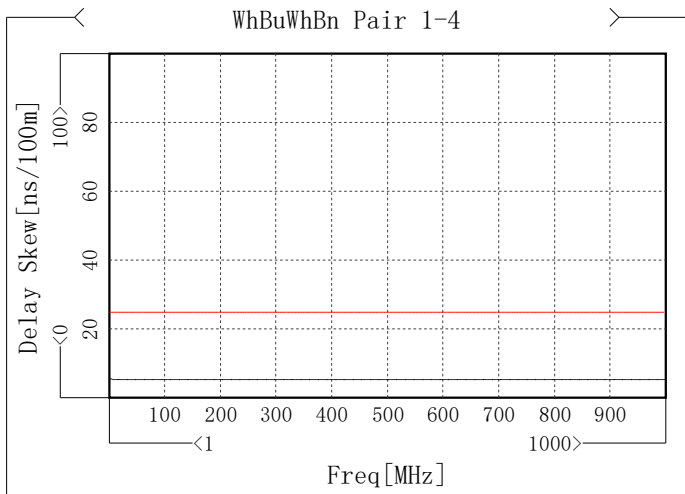
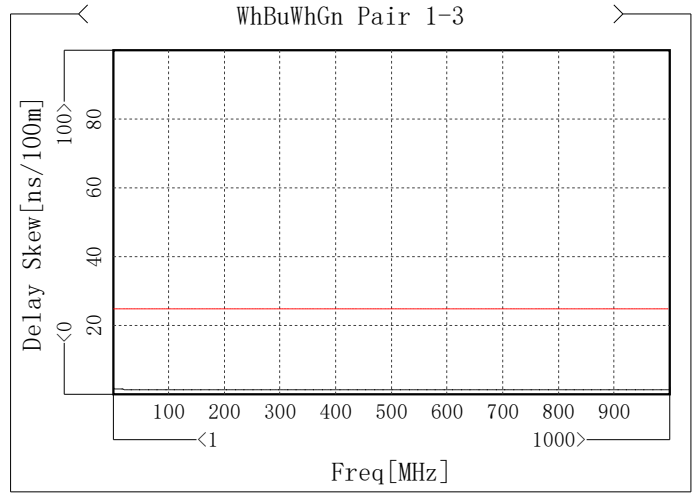
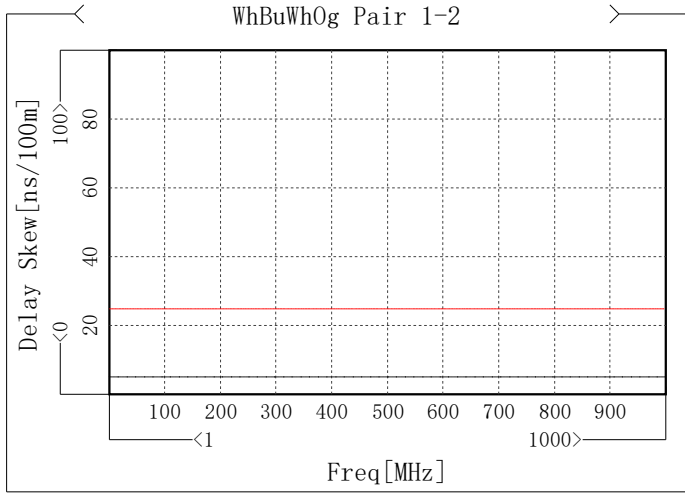
Propagation speed

Item	Min [%C]	Freq[MHz]	Spec [%C]	Margin [%C]
WhBu Pair 1	67.71	1	58.51	9.2
WhOg Pair 2	68.45	1	58.51	9.94
WhGn Pair 3	67.98	1	58.51	9.47
WhBn Pair 4	68.53	1	58.51	10.02



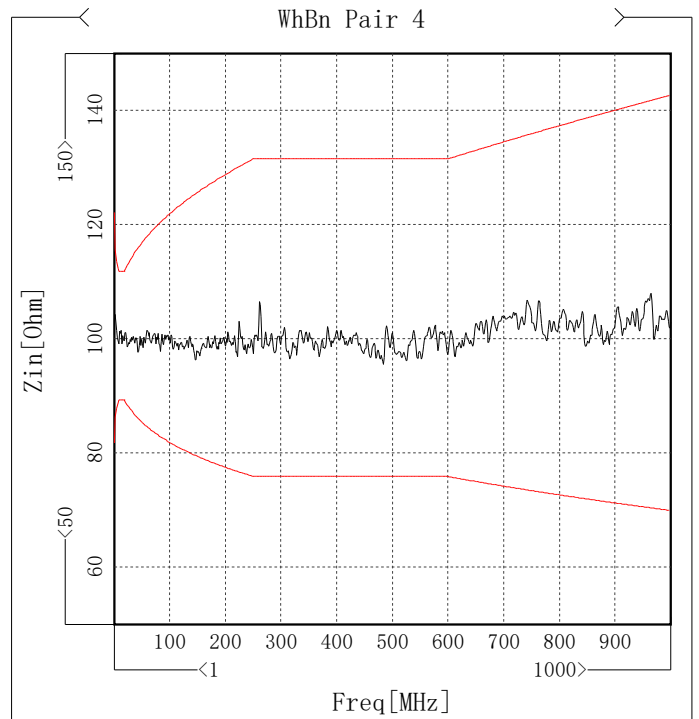
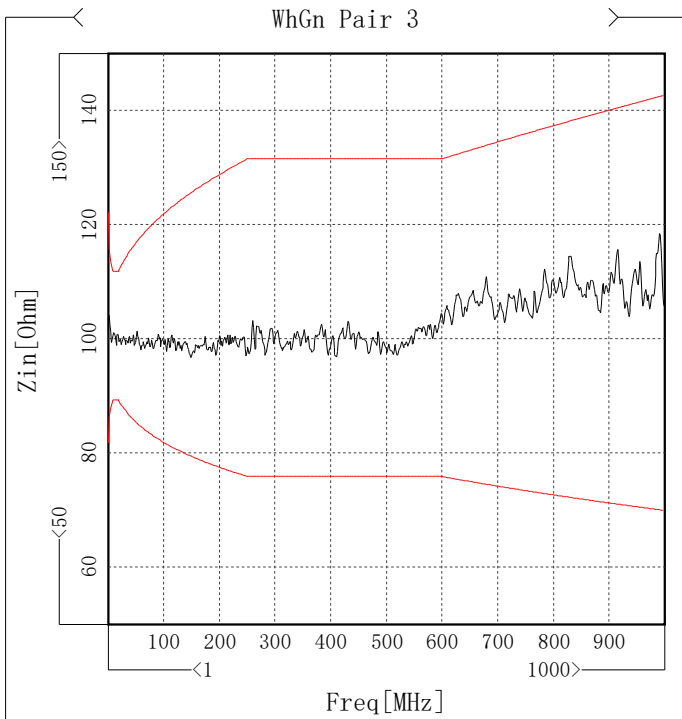
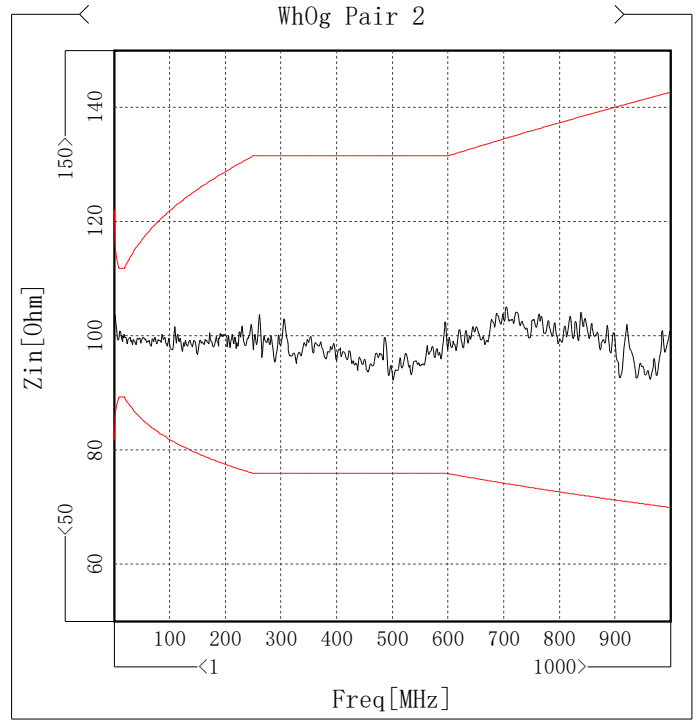
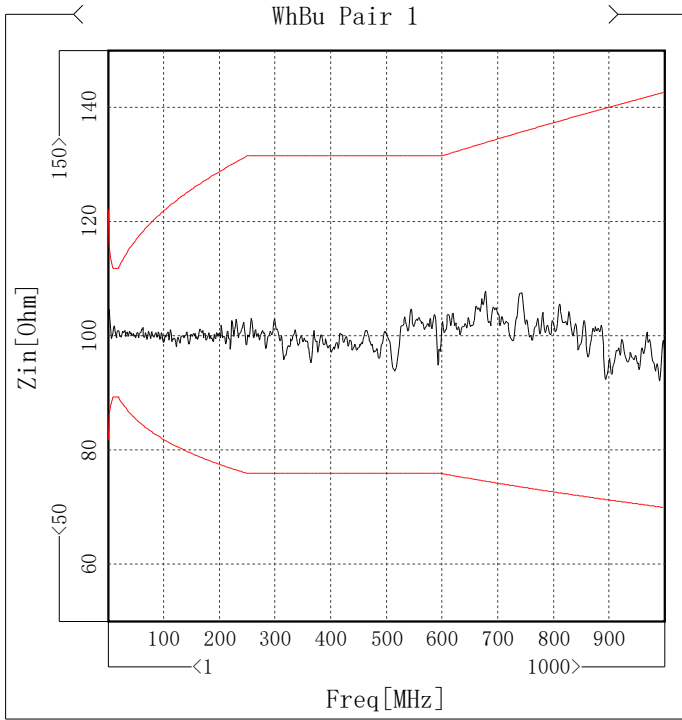
Delay Skew

Item	Max [ns/100m]	Freq[MHz]	Spec [ns/100m]	Margin [ns/100m]
WhBuWhOg Pair 1-2	5.35	1	25	19.65
WhBuWhGn Pair 1-3	1.95	1	25	23.05
WhBuWhBn Pair 1-4	5.86	1	25	19.14
WhOgWhGn Pair 2-3	3.68	1000	25	21.32
WhOgWhBn Pair 2-4	0.52	1	25	24.48
WhGnWhBn Pair 3-4	3.92	1	25	21.08



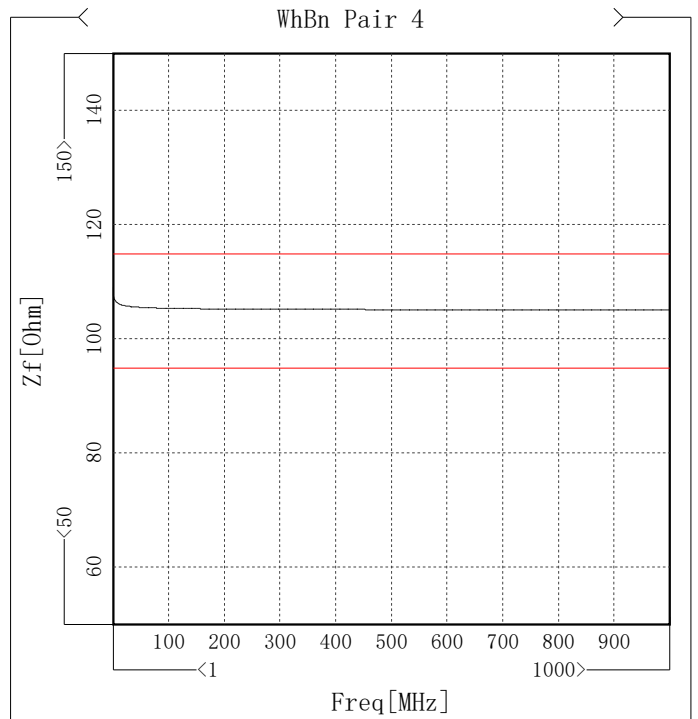
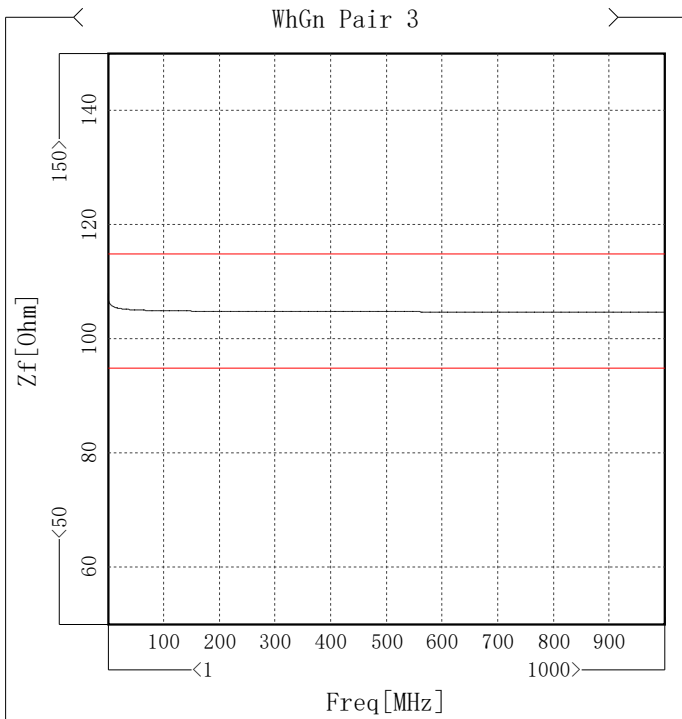
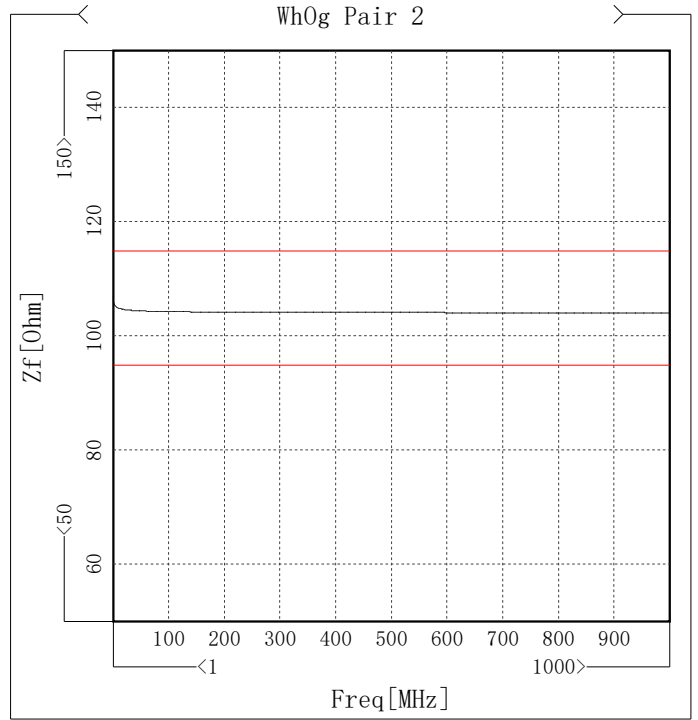
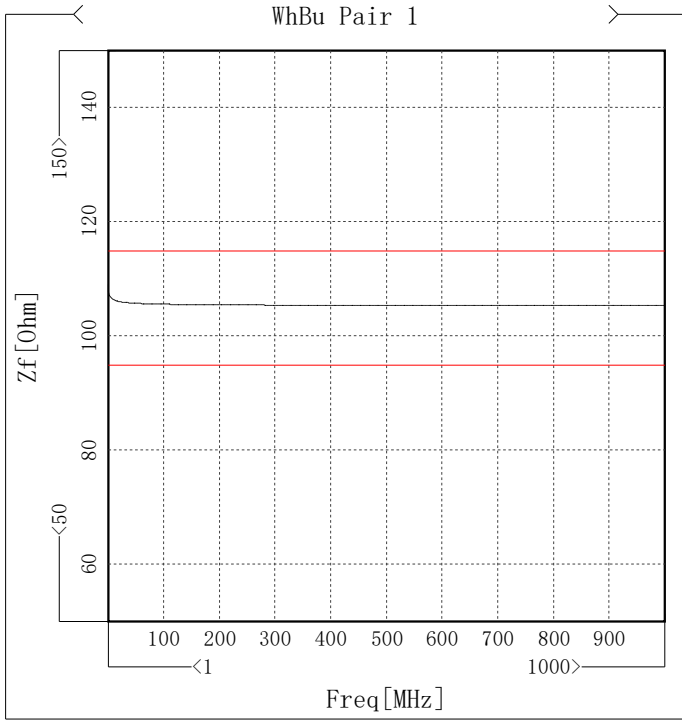
Zin

Item	Max [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]	Min [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]
✓ WhBu Pair 1	101.88	12.239	111.92	10.04	99.69	15.985	89.35	10.34
✓ WhOg Pair 2	100.92	10.99	111.92	11	99.02	15.985	89.35	9.67
✓ WhGn Pair 3	101.16	10.99	111.92	10.76	98.99	15.985	89.35	9.64
✓ WhBn Pair 4	101.57	13.487	111.92	10.35	99.25	14.736	89.35	9.9



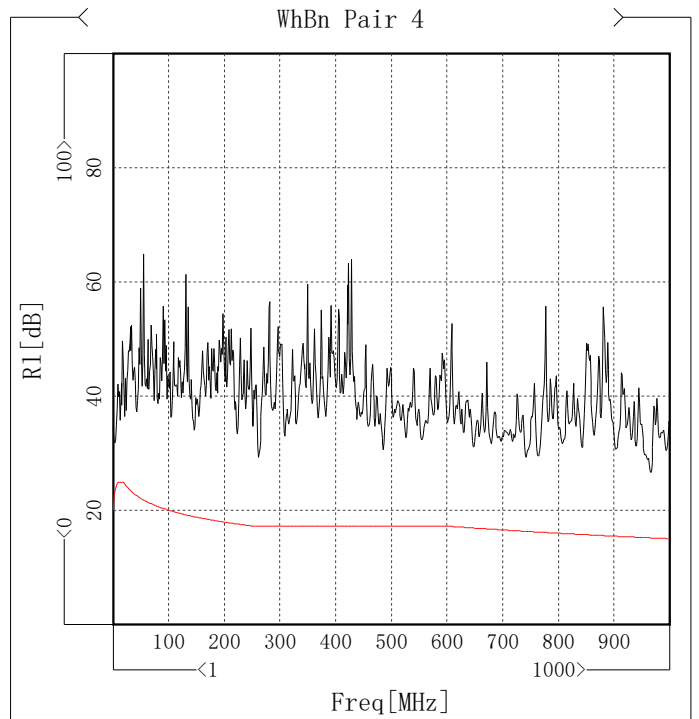
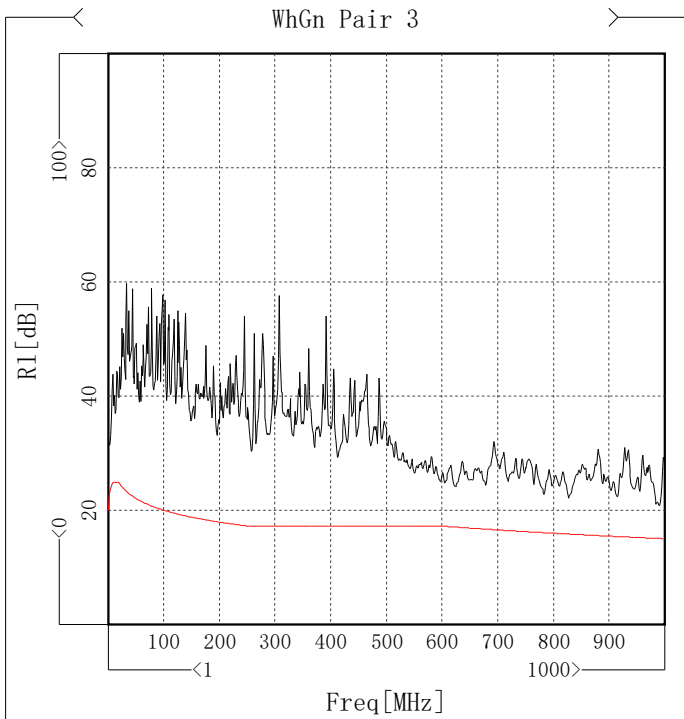
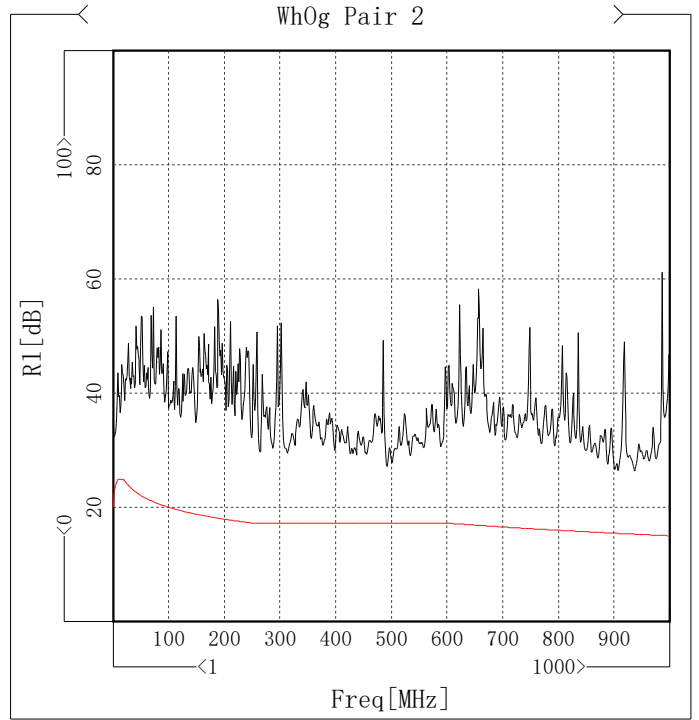
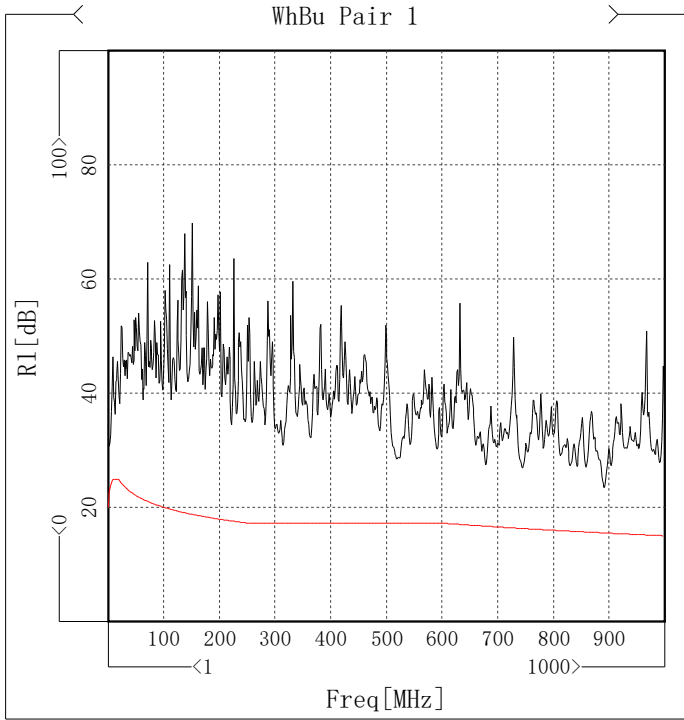
Zf

Item	Max [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]	Min [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]
✓ WhBu Pair 1	109.13	1	115	5.87	105.39	897.603	95	10.39
✓ WhOg Pair 2	107.07	1	115	7.93	104.14	981.269	95	9.14
✓ WhGn Pair 3	108.04	1	115	6.96	104.8	896.354	95	9.8
✓ WhBn Pair 4	109.08	1	115	5.92	105.17	926.324	95	10.17



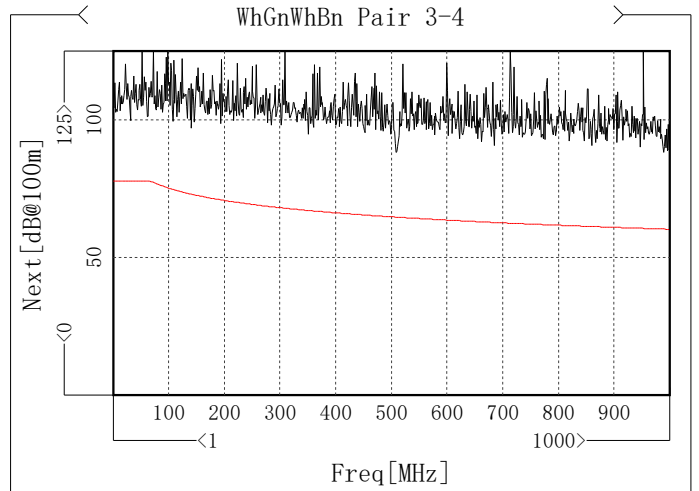
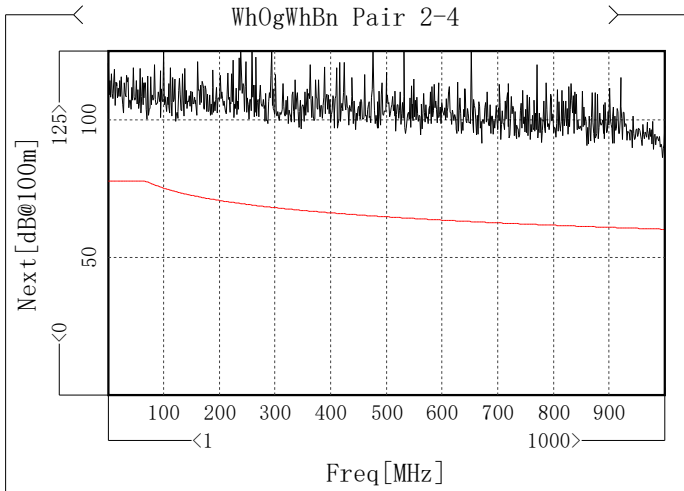
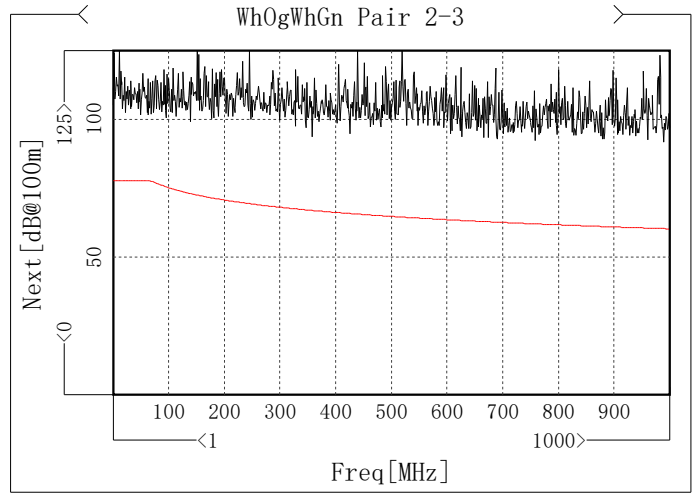
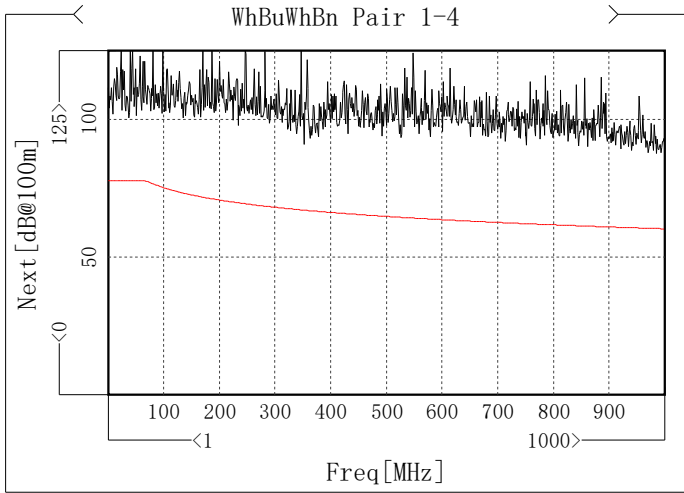
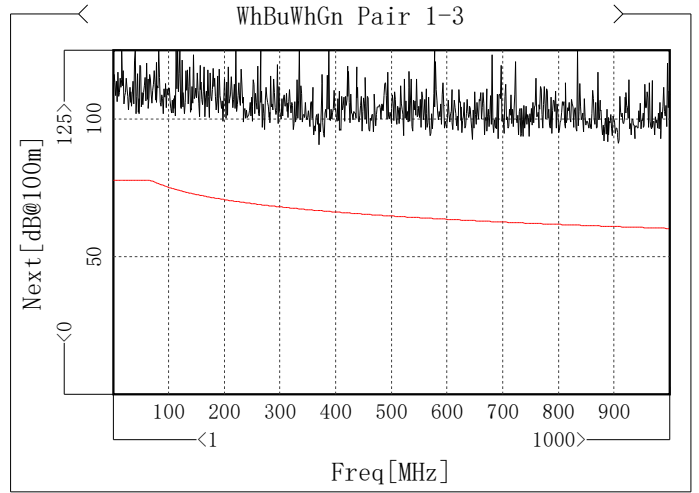
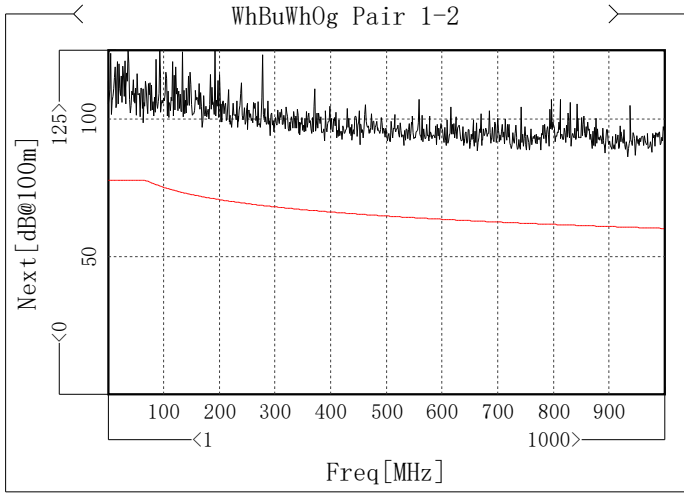
R1

Item	Min [dB]	Freq [MHz]	Spec [dB]	Margin [dB]
WhBu Pair 1	31.32	4.746	23.38	7.94
WhOg Pair 2	33.31	5.995	23.89	9.42
WhGn Pair 3	20.84	991.259	15.12	5.72
WhBn Pair 4	31.8	4.746	23.38	8.42



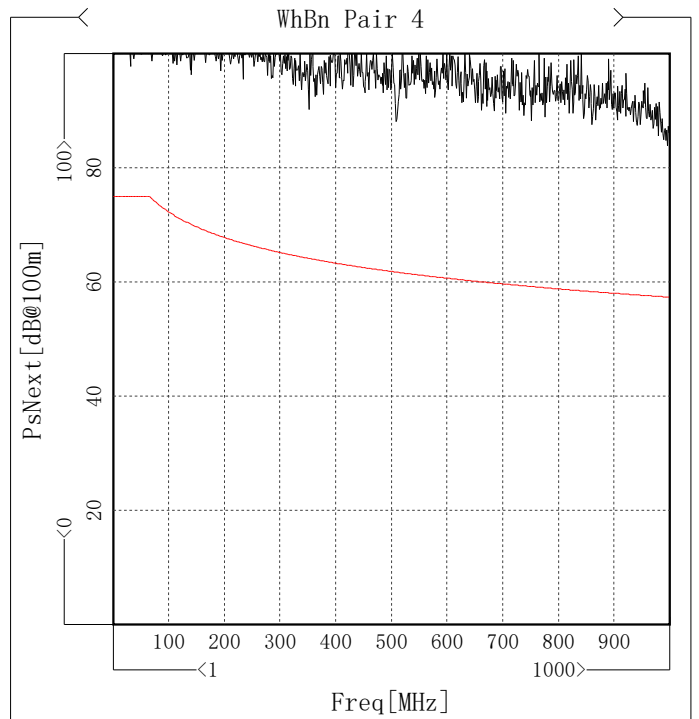
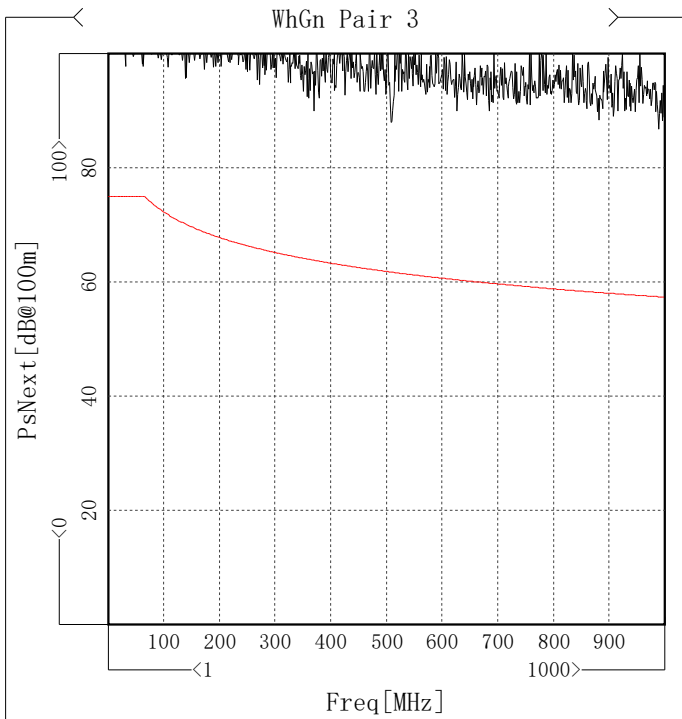
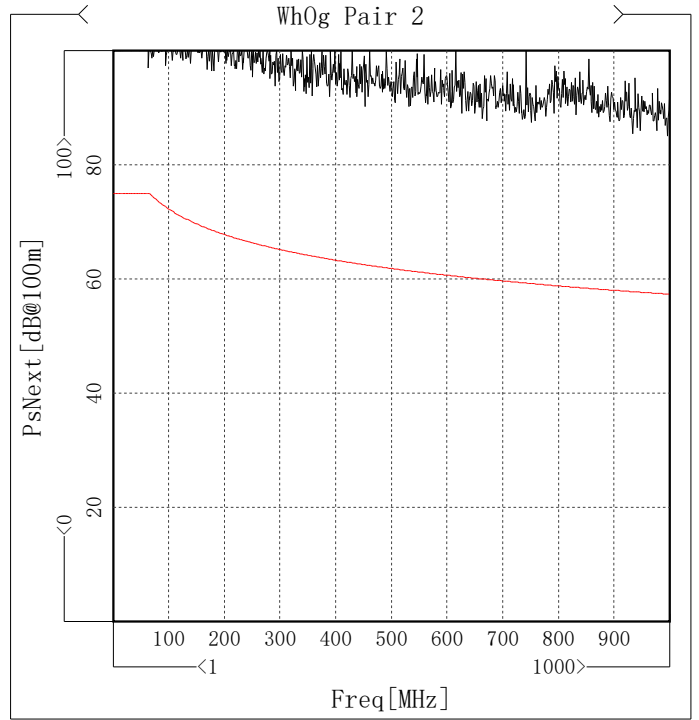
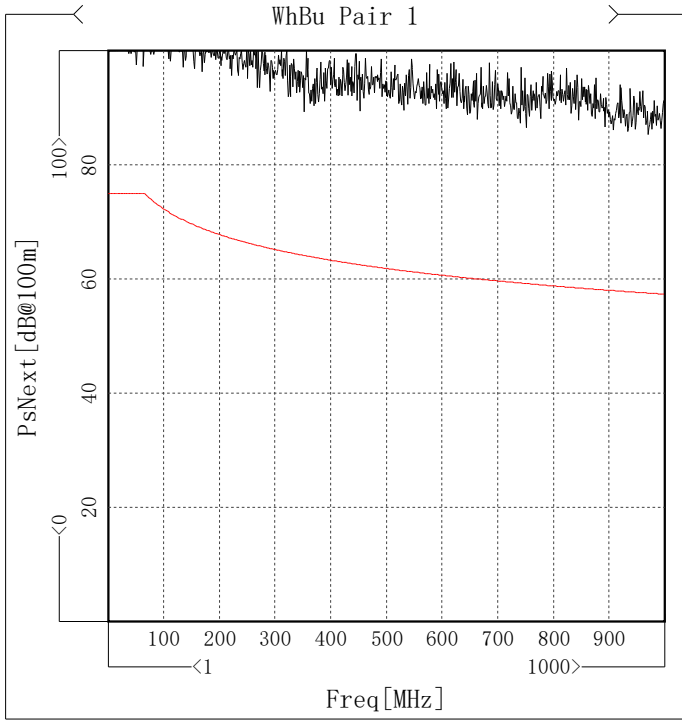
Next

Item	Min [dB@100m]	Freq [MHz]	Spec [dB@100m]	Margin [dB@100m]
WhBuWhOg Pair 1-2	98.89	64.686	78	20.89
WhBuWhGn Pair 1-3	90.67	370.63	66.87	23.8
WhBuWhBn Pair 1-4	100.79	38.463	78	22.79
WhOgWhGn Pair 2-3	101.77	64.686	78	23.77
WhOgWhBn Pair 2-4	100.48	70.93	77.64	22.84
WhGnWhBn Pair 3-4	99.89	32.219	78	21.89



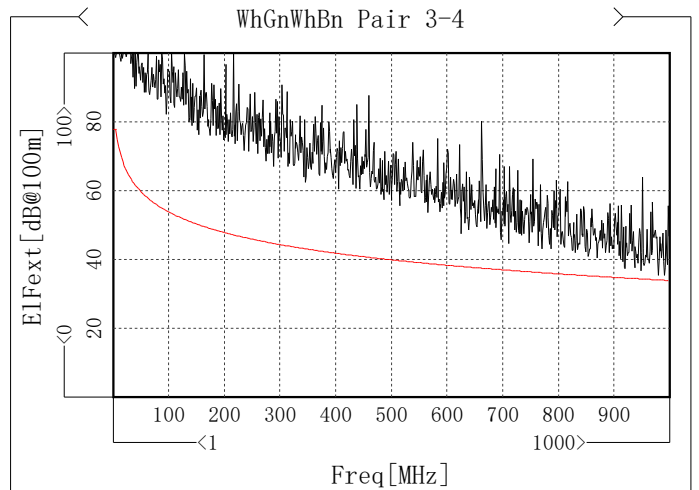
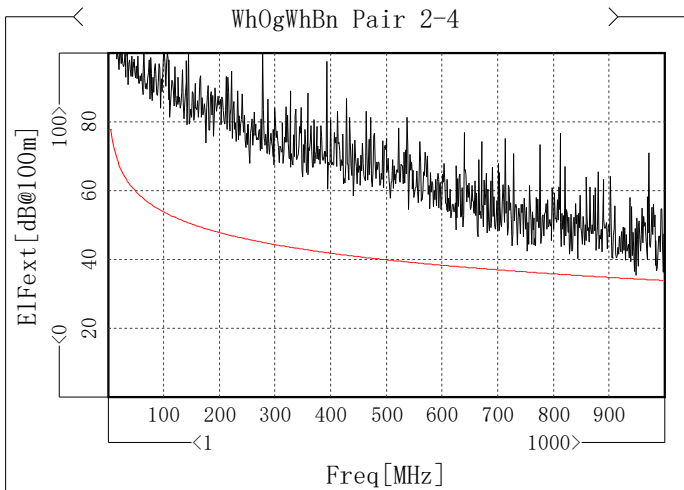
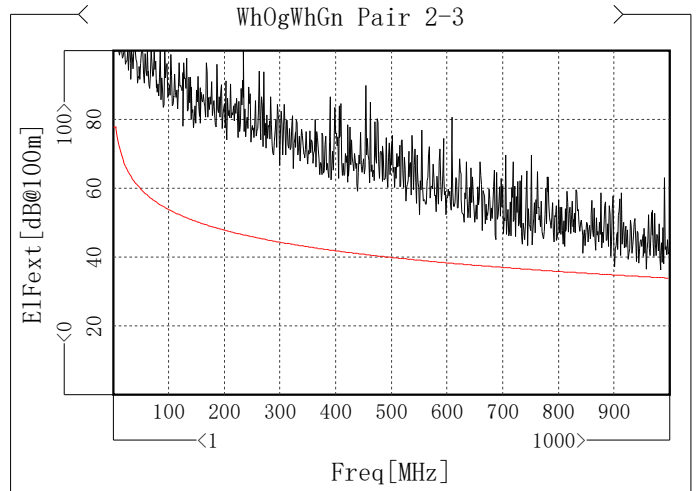
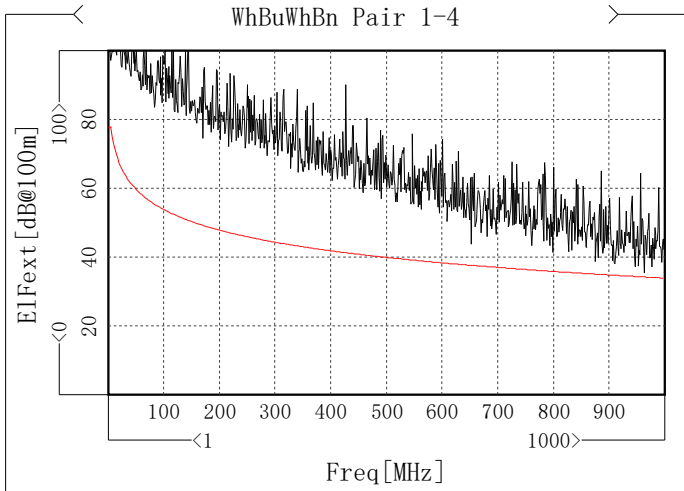
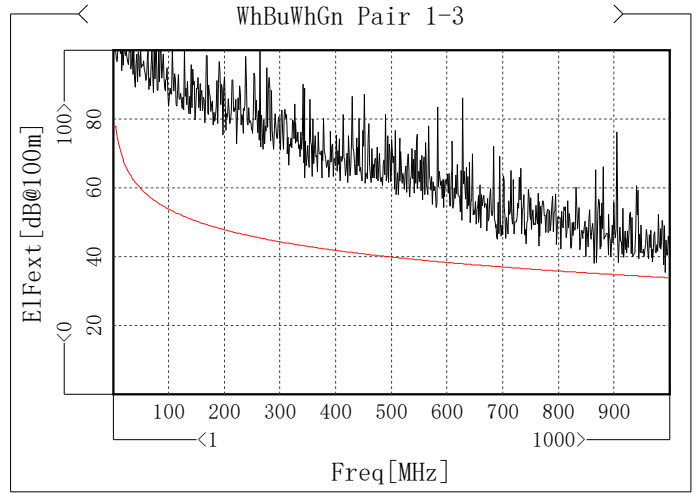
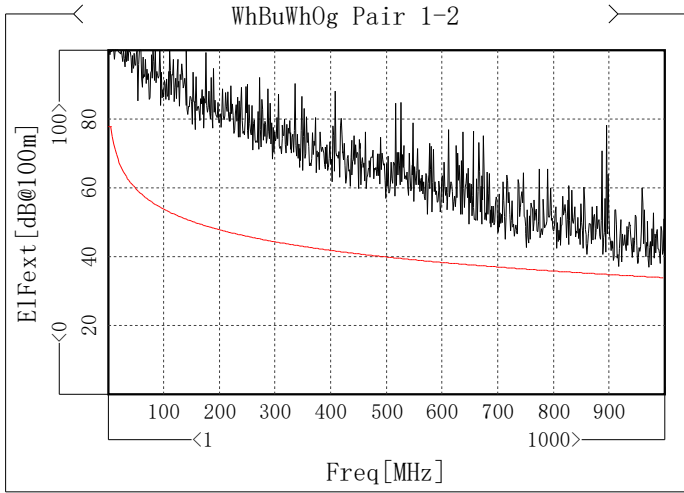
PsNext

Item	Min [dB@100m]	Freq [MHz]	Spec [dB@100m]	Margin [dB@100m]
WhBu Pair 1	97.32	64.686	75	22.32
WhOg Pair 2	96.99	64.686	75	21.99
WhGn Pair 3	97.8	32.219	75	22.8
WhBn Pair 4	97.44	1	75	22.44



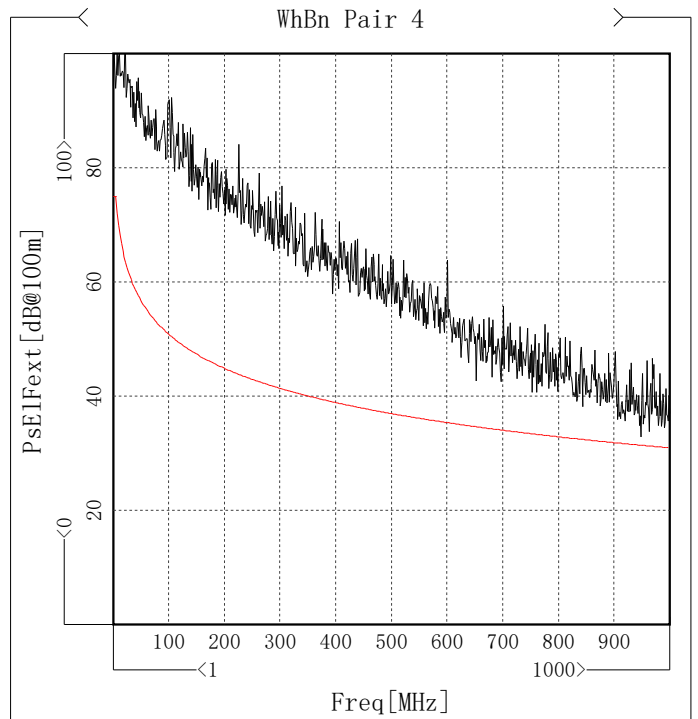
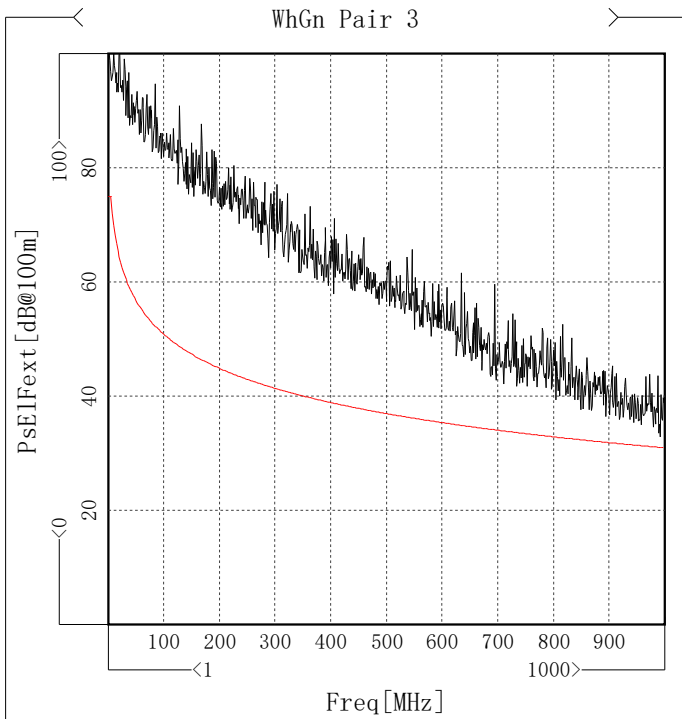
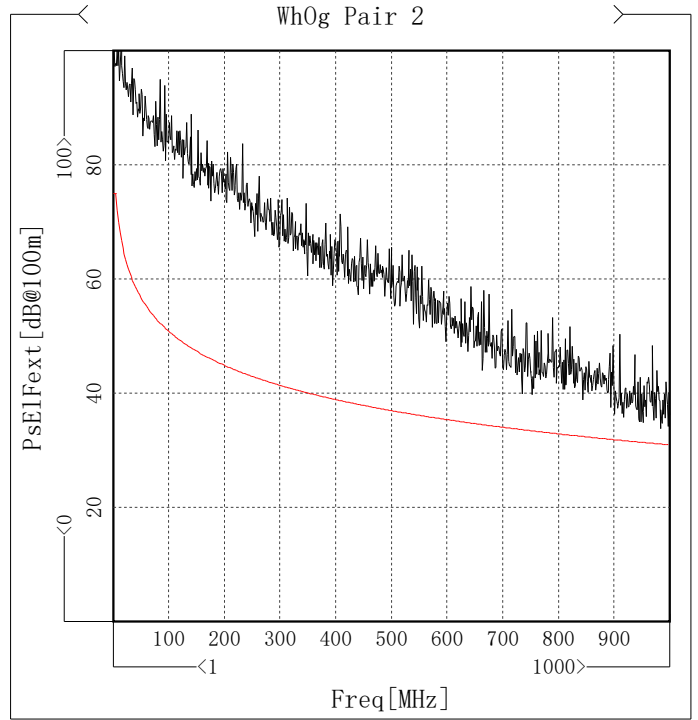
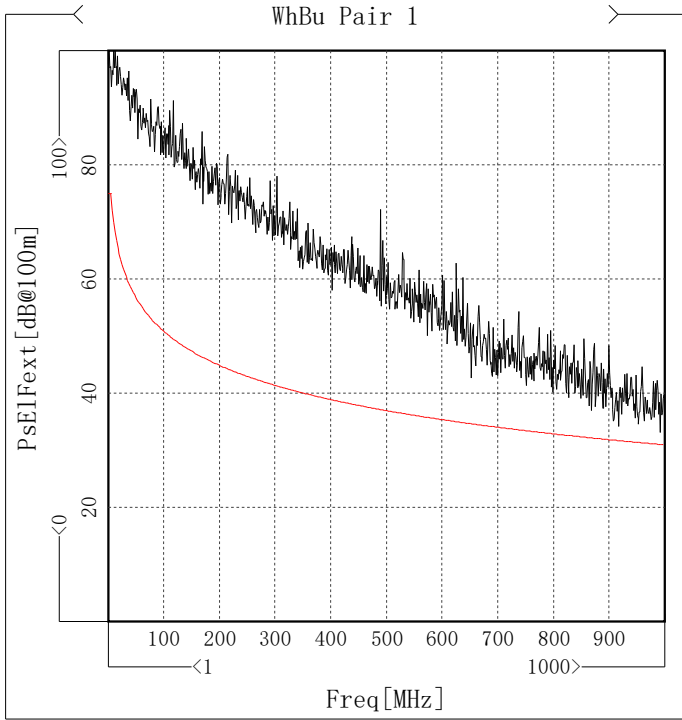
EI Fext

Item	Min [dB@100m]	Freq [MHz]	Spec [dB@100m]	Margin [dB@100m]
WhBuWhOg Pair 1-2	37.34	917.583	34.75	2.59
WhBuWhGn Pair 1-3	35.57	992.507	34.07	1.5
WhBuWhBn Pair 1-4	35.5	963.786	34.32	1.18
WhOgWhGn Pair 2-3	36.29	983.766	34.14	2.15
WhOgWhBn Pair 2-4	35.59	948.801	34.46	1.13
WhGnWhBn Pair 3-4	35.39	991.259	34.08	1.31



PsEI Fext

Item	Min [dB@100m]	Freq [MHz]	Spec [dB@100m]	Margin [dB@100m]
WhBu Pair 1	33.18	992.507	31.07	2.11
WhOg Pair 2	33.9	983.766	31.14	2.76
WhGn Pair 3	32.96	992.507	31.07	1.89
WhBn Pair 4	32.92	948.801	31.46	1.46



Att [dB/100m]

No.	Freq [MHz]	Spec (Max)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	\	1.98	1.98	1.99	1.97
2	4	3.75	3.52	3.52	3.52	3.50
3	8	5.22	4.82	4.82	4.82	4.80
4	10	5.82	5.37	5.38	5.37	5.36
5	16	7.34	6.85	6.86	6.86	6.84
6	20	8.21	7.73	7.74	7.74	7.72
7	25	9.18	8.72	8.73	8.74	8.72
8	31.25	10.26	9.83	9.85	9.85	9.83
9	50	13.01	12.56	12.59	12.59	12.54
10	62.5	14.57	14.07	14.10	14.10	14.05
11	100	18.52	17.85	17.89	17.89	17.82
12	125	20.77	20.00	20.05	20.04	19.98
13	200	26.47	25.41	25.52	25.50	25.45
14	250	29.73	28.51	28.62	28.60	28.52
15	300	32.69	31.33	31.45	31.42	31.31
16	350	35.44	33.95	34.05	34.03	33.91
17	400	38.01	36.31	36.49	36.47	36.32
18	450	40.45	38.61	38.78	38.77	38.63
19	500	42.76	40.86	40.97	40.93	40.83
20	550	44.97	42.98	43.06	43.00	42.85
21	600	47.1	44.96	45.09	45.01	44.82
22	650	49.15	46.82	46.98	46.94	46.77
23	700	51.13	48.77	48.89	48.83	48.70
24	750	53.05	50.60	50.68	50.57	50.48
25	800	54.92	52.30	52.47	52.38	52.17
26	900	58.51	55.72	55.72	55.68	55.51
27	1000	61.93	58.71	58.81	58.93	58.69

Phase delay [ns/100m]

No.	Freq [MHz]	Spec (Max)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	570	492.63	487.29	490.69	486.77
2	4	552	475.60	470.37	473.91	470.03
3	8	546.73	470.45	465.25	468.84	464.97
4	10	545.38	469.15	463.96	467.56	463.69
5	16	543	466.87	461.69	465.31	461.44
6	20	542.05	465.96	460.79	464.42	460.56
7	25	541.2	465.15	459.99	463.62	459.76
8	31.25	540.44	464.42	459.27	462.91	459.04
9	50	539.09	463.14	457.99	461.64	457.78
10	62.5	538.55	462.62	457.48	461.13	457.27
11	100	537.6	461.71	456.57	460.24	456.38
12	125	537.22	461.35	456.21	459.88	456.02
13	200	536.55	460.71	455.57	459.25	455.39
14	250	536.28	460.45	455.32	458.99	455.14
15	300	536.08	460.26	455.13	458.81	454.95
16	350	535.92	460.11	454.98	458.66	454.81

Record File: C:\Users\ZL\Desktop\CAT7A-176028309-P.cts

Phase delay[ns/100m] (Continuation 1)

No.	Freq [MHz]	Spec (Max)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
17	400	535.8	459.99	454.87	458.55	454.69
18	450	535.7	459.90	454.77	458.45	454.60
19	500	535.61	459.81	454.69	458.37	454.51
20	550	535.54	459.74	454.62	458.30	454.44
21	600	535.47	459.68	454.55	458.23	454.38
22	650	535.41	459.62	454.50	458.18	454.33
23	700	535.36	459.57	454.45	458.13	454.28
24	750	535.31	459.53	454.41	458.09	454.24
25	800	535.27	459.49	454.37	458.05	454.20
26	900	535.2	459.42	454.30	457.98	454.13
27	1000	535.14	459.36	454.24	457.92	454.07

Propagation speed[%C]

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	58.51	67.71	68.45	67.98	68.53
2	4	60.45	70.14	70.92	70.38	70.97
3	8	61.02	70.90	71.69	71.15	71.74
4	10	61.17	71.10	71.89	71.34	71.94
5	16	61.43	71.45	72.25	71.69	72.29
6	20	61.53	71.59	72.39	71.82	72.43
7	25	61.62	71.71	72.52	71.95	72.55
8	31.25	61.7	71.82	72.63	72.06	72.66
9	50	61.85	72.02	72.83	72.26	72.86
10	62.5	61.91	72.10	72.91	72.33	72.95
11	100	62.01	72.24	73.06	72.48	73.09
12	125	62.05	72.30	73.12	72.53	73.15
13	200	62.12	72.40	73.22	72.63	73.25
14	250	62.15	72.44	73.26	72.67	73.29
15	300	62.17	72.47	73.29	72.70	73.32
16	350	62.19	72.50	73.31	72.72	73.34
17	400	62.2	72.51	73.33	72.74	73.36
18	450	62.21	72.53	73.35	72.76	73.38
19	500	62.22	72.54	73.36	72.77	73.39
20	550	62.23	72.55	73.37	72.78	73.40
21	600	62.24	72.56	73.38	72.79	73.41
22	650	62.25	72.57	73.39	72.80	73.42
23	700	62.25	72.58	73.40	72.81	73.43
24	750	62.26	72.59	73.41	72.82	73.43
25	800	62.26	72.59	73.41	72.82	73.44
26	900	62.27	72.60	73.42	72.83	73.45
27	1000	62.28	72.61	73.43	72.84	73.46

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	25	5.35	1.95	5.86	3.40	0.52	3.92

Record File: C:\Users\ZL\Desktop\CAT7A-176028309-P.cts

Delay Skew[ns/100m] (Continuation 1)

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
2	4	25	5.23	1.69	5.57	3.55	0.34	3.89
3	8	25	5.20	1.61	5.48	3.59	0.29	3.87
4	10	25	5.19	1.59	5.46	3.60	0.27	3.87
5	16	25	5.17	1.55	5.42	3.62	0.25	3.87
6	20	25	5.17	1.54	5.41	3.63	0.24	3.87
7	25	25	5.16	1.53	5.39	3.63	0.23	3.86
8	31.25	25	5.16	1.52	5.38	3.64	0.22	3.86
9	50	25	5.15	1.50	5.36	3.65	0.21	3.86
10	62.5	25	5.15	1.49	5.35	3.66	0.20	3.86
11	100	25	5.14	1.48	5.33	3.66	0.19	3.86
12	125	25	5.14	1.47	5.33	3.67	0.19	3.86
13	200	25	5.13	1.46	5.31	3.67	0.18	3.86
14	250	25	5.13	1.46	5.31	3.67	0.18	3.85
15	300	25	5.13	1.45	5.31	3.68	0.18	3.85
16	350	25	5.13	1.45	5.30	3.68	0.18	3.85
17	400	25	5.13	1.45	5.30	3.68	0.18	3.85
18	450	25	5.13	1.45	5.30	3.68	0.17	3.85
19	500	25	5.13	1.45	5.30	3.68	0.17	3.85
20	550	25	5.13	1.45	5.30	3.68	0.17	3.85
21	600	25	5.13	1.44	5.30	3.68	0.17	3.85
22	650	25	5.13	1.44	5.30	3.68	0.17	3.85
23	700	25	5.12	1.44	5.30	3.68	0.17	3.85
24	750	25	5.12	1.44	5.29	3.68	0.17	3.85
25	800	25	5.12	1.44	5.29	3.68	0.17	3.85
26	900	25	5.12	1.44	5.29	3.68	0.17	3.85
27	1000	25	5.12	1.44	5.29	3.68	0.17	3.85

Zin[Ohm]

No.	Freq [MHz]	Spec		WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
		(Max)	(Min)				
1	1	122.22	81.82	101.22	100.88	101.18	100.85
2	4	115.22	86.79	104.06	103.13	103.50	103.86
3	8	112.64	88.78	99.84	99.47	99.79	99.94
4	10	111.92	89.35	100.85	99.84	100.76	99.73
5	16	111.92	89.35	99.70	99.04	99.01	99.89
6	20	111.92	89.35	100.99	100.23	100.58	100.09
7	25	112.95	88.54	99.93	98.80	99.23	98.72
8	31.25	114.07	87.66	100.80	99.17	99.66	99.75
9	50	116.8	85.62	100.00	98.96	99.33	99.20
10	62.5	118.29	84.54	101.24	99.09	98.98	100.98
11	100	121.92	82.02	99.17	99.49	99.85	99.95
12	125	123.91	80.7	99.59	98.47	99.17	98.79
13	200	128.8	77.64	100.55	100.10	99.96	99.14
14	250	131.51	76.04	99.03	98.63	97.86	98.13
15	300	131.6	75.99	102.93	98.47	99.57	99.42
16	350	131.6	75.99	99.47	99.12	100.20	99.87
17	400	131.6	75.99	97.90	95.90	98.64	101.31

Zin[Ohm](Continuation 1)

No.	Freq [MHz]	Spec		WhBu	WhOg	WhGn	WhBn
		(Max)	(Min)	Pair 1	Pair 2	Pair 3	Pair 4
18	450	131.6	75.99	98.03	95.92	101.09	97.89
19	500	131.6	75.99	100.59	93.45	98.39	101.10
20	550	131.6	75.99	101.84	95.04	99.61	97.92
21	600	131.6	75.99	100.57	97.95	104.53	97.51
22	650	133.11	75.13	102.30	101.32	107.26	102.59
23	700	134.57	74.31	104.09	103.29	104.37	103.80
24	750	136.01	73.53	102.20	101.53	106.88	104.16
25	800	137.41	72.78	102.64	99.01	110.46	102.73
26	900	140.13	71.36	95.44	99.89	108.21	102.28
27	1000	142.77	70.04	96.91	100.30	105.77	103.09

Zf [Ohm]

No.	Freq [MHz]	Spec		WhBu	WhOg	WhGn	WhBn
		(Max)	(Min)	Pair 1	Pair 2	Pair 3	Pair 4
1	1	115	95	109.13	107.07	108.04	109.08
2	4	115	95	107.22	105.57	106.38	107.08
3	8	115	95	106.64	105.12	105.88	106.47
4	10	115	95	106.49	105.01	105.75	106.32
5	16	115	95	106.23	104.80	105.53	106.05
6	20	115	95	106.13	104.72	105.44	105.95
7	25	115	95	106.04	104.65	105.36	105.85
8	31.25	115	95	105.96	104.59	105.29	105.76
9	50	115	95	105.81	104.48	105.17	105.61
10	62.5	115	95	105.76	104.43	105.12	105.55
11	100	115	95	105.65	104.35	105.03	105.45
12	125	115	95	105.61	104.32	104.99	105.40
13	200	115	95	105.54	104.26	104.93	105.33
14	250	115	95	105.51	104.24	104.90	105.30
15	300	115	95	105.49	104.22	104.89	105.28
16	350	115	95	105.47	104.21	104.87	105.26
17	400	115	95	105.46	104.20	104.86	105.24
18	450	115	95	105.45	104.19	104.85	105.23
19	500	115	95	105.44	104.18	104.84	105.22
20	550	115	95	105.43	104.18	104.84	105.21
21	600	115	95	105.42	104.17	104.83	105.21
22	650	115	95	105.42	104.17	104.82	105.20
23	700	115	95	105.41	104.16	104.82	105.19
24	750	115	95	105.41	104.16	104.82	105.19
25	800	115	95	105.40	104.16	104.81	105.19
26	900	115	95	105.39	104.15	104.80	105.18
27	1000	115	95	105.39	104.14	104.80	105.17

R1 [dB]

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	20	34.58	33.91	33.91	35.09
2	4	23.01	31.00	32.55	31.57	31.95

R1[dB] (Continuation 1)

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
3	8	24.52	39.51	37.21	39.32	36.62
4	10	25	44.95	42.81	42.77	41.69
5	16	25	42.37	41.69	43.72	42.31
6	20	25	41.88	42.82	39.88	45.29
7	25	24.32	51.78	42.47	45.02	38.67
8	31.25	23.64	43.73	41.84	43.98	50.08
9	50	22.21	48.89	43.12	48.61	48.83
10	62.5	21.54	42.97	42.98	44.39	43.57
11	100	20.11	41.48	44.55	54.41	43.28
12	125	19.43	53.45	41.02	46.99	42.29
13	200	18	49.79	42.68	35.75	47.26
14	250	17.32	45.80	32.74	36.18	40.59
15	300	17.3	35.49	38.81	38.06	47.31
16	350	17.3	38.22	38.00	35.41	53.31
17	400	17.3	36.89	30.81	34.75	43.17
18	450	17.3	39.87	32.40	34.65	39.25
19	500	17.3	50.59	28.45	34.46	44.02
20	550	17.3	39.86	31.73	27.02	37.56
21	600	17.3	32.48	38.85	25.67	37.56
22	650	16.95	38.97	40.53	25.42	31.90
23	700	16.63	31.20	35.86	28.52	33.10
24	750	16.33	30.35	42.91	27.30	32.72
25	800	16.05	33.05	35.43	24.58	35.82
26	900	15.54	30.26	27.82	25.42	33.90
27	1000	15.08	34.96	42.68	27.60	34.89

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	113.77	108.24	102.07	111.70	102.58	102.02
2	4	78	109.09	115.19	106.01	117.54	111.36	108.28
3	8	78	104.95	109.43	108.72	113.51	112.54	103.49
4	10	78	108.90	115.34	104.13	111.89	108.99	107.78
5	16	78	105.74	114.65	107.05	112.84	112.51	105.97
6	20	78	108.74	115.20	108.48	108.46	110.90	106.94
7	25	78	113.67	114.26	122.09	109.66	114.40	111.44
8	31.25	78	117.86	110.57	104.96	107.49	109.68	102.78
9	50	78	107.21	119.54	111.28	108.85	107.56	111.76
10	62.5	78	105.74	109.19	114.44	105.70	113.13	101.30
11	100	75.4	106.50	109.57	121.80	108.52	116.00	123.37
12	125	73.95	109.05	116.47	109.11	105.46	102.23	118.39
13	200	70.88	106.23	109.57	111.57	115.16	107.89	106.72
14	250	69.43	105.01	104.62	103.79	105.56	104.91	111.38
15	300	68.24	96.96	108.01	105.83	103.07	102.95	109.15
16	350	67.24	98.37	100.21	100.80	107.62	105.30	102.51
17	400	66.37	100.40	103.77	100.38	104.43	103.30	103.56
18	450	65.6	98.63	105.63	100.16	105.64	104.79	98.11

Next[dB@100m] (Continuation 1)

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
19	500	64.92	95.79	99.50	99.92	102.83	111.85	96.42
20	550	64.29	93.83	103.58	118.59	102.07	109.57	105.53
21	600	63.73	97.11	97.27	106.61	109.97	104.10	113.98
22	650	63.21	91.43	106.26	99.05	109.67	99.21	100.05
23	700	62.72	98.69	101.24	97.16	102.75	97.49	95.54
24	750	62.27	94.41	99.65	95.99	99.42	102.39	98.31
25	800	61.85	98.50	102.81	94.86	99.45	101.93	99.04
26	900	61.09	90.87	100.24	92.96	102.26	98.51	97.16
27	1000	60.4	97.47	109.06	89.26	97.07	97.89	89.59

PsNext[dB@100m]

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	75	100.90	101.80	100.73	97.44
2	4	75	103.81	105.44	104.94	103.15
3	8	75	101.67	103.23	102.01	101.82
4	10	75	101.96	104.66	105.36	101.56
5	16	75	103.02	104.25	104.69	102.93
6	20	75	103.64	103.53	103.79	103.60
7	25	75	109.83	107.10	106.61	108.68
8	31.25	75	103.49	104.90	101.00	100.19
9	50	75	105.49	102.31	106.70	104.52
10	62.5	75	103.73	101.12	98.99	100.58
11	100	72.4	104.34	103.04	105.27	107.23
12	125	70.95	104.69	99.61	103.49	101.16
13	200	67.88	103.48	102.10	104.16	102.78
14	250	66.43	99.13	99.57	100.38	100.37
15	300	65.24	95.74	94.89	101.05	100.45
16	350	64.24	94.74	96.85	97.22	97.71
17	400	63.37	96.14	97.08	98.17	97.01
18	450	62.6	95.43	97.04	96.67	95.30
19	500	61.92	93.18	94.56	93.88	94.32
20	550	61.29	93.30	92.64	98.56	103.46
21	600	60.73	93.85	95.68	96.21	101.41
22	650	60.21	90.00	90.40	96.53	94.23
23	700	59.72	93.58	93.56	93.64	91.79
24	750	59.27	91.28	92.36	94.24	92.54
25	800	58.85	92.42	94.93	95.08	92.58
26	900	58.09	88.48	89.85	94.42	90.71
27	1000	57.4	88.61	92.69	88.84	86.11

ElFext[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	99.61	108.60	103.19	103.21	97.92	98.04
2	4	78	105.35	106.23	106.86	107.06	105.18	107.79
3	8	75.94	106.96	97.04	107.20	105.80	108.96	104.50

E1Fext [dB@100m] (Continuation 1)

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
4	10	74	103.64	103.43	100.22	103.41	103.90	102.11
5	16	69.92	108.34	103.92	98.86	101.67	112.42	99.96
6	20	67.98	100.70	97.28	104.87	99.93	98.12	103.24
7	25	66.04	100.11	103.32	95.66	97.04	99.85	99.26
8	31.25	64.1	101.32	103.29	97.44	101.62	102.62	101.70
9	50	60.02	96.00	94.33	95.04	92.97	94.24	94.24
10	62.5	58.08	91.60	103.34	92.24	99.61	89.68	96.45
11	100	54	88.11	87.01	97.99	86.82	96.43	95.37
12	125	52.06	94.67	84.23	83.57	90.02	86.85	88.62
13	200	47.98	79.09	90.46	83.20	83.86	85.06	75.77
14	250	46.04	85.18	76.79	84.41	77.73	75.52	79.46
15	300	44.46	73.03	77.95	74.30	74.16	74.82	79.25
16	350	43.12	76.44	70.74	66.97	68.80	65.27	71.34
17	400	41.96	70.22	67.25	68.08	79.71	74.73	67.15
18	450	40.94	64.37	74.21	68.64	67.88	67.21	67.09
19	500	40.02	63.07	64.28	66.07	71.42	73.94	61.40
20	550	39.19	64.35	64.15	56.20	60.80	61.00	65.59
21	600	38.44	60.73	61.63	59.62	55.91	56.59	66.33
22	650	37.74	58.06	52.78	51.72	51.30	58.91	56.67
23	700	37.1	49.36	47.27	51.79	59.27	50.50	53.38
24	750	36.5	49.48	51.09	54.16	48.15	49.74	57.37
25	800	35.94	48.60	51.04	42.76	47.36	55.76	51.88
26	900	34.92	53.14	55.02	51.79	44.47	50.08	43.33
27	1000	34	42.18	43.26	44.04	44.28	38.57	46.66

PsE1Fext [dB@100m]

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	75	97.66	94.97	96.60	94.36
2	4	75	100.67	99.86	100.54	101.27
3	8	72.94	95.43	101.84	95.74	101.27
4	10	71	96.91	98.65	97.69	96.93
5	16	66.92	97.21	100.46	96.74	96.18
6	20	64.98	94.69	94.39	94.71	96.14
7	25	63.04	93.72	93.48	94.25	92.67
8	31.25	61.1	93.20	93.64	96.67	94.46
9	50	57.02	90.05	89.28	88.62	89.57
10	62.5	55.08	87.91	86.60	92.31	87.01
11	100	51	84.30	84.04	83.44	91.45
12	125	49.06	80.54	84.41	82.07	80.85
13	200	44.98	77.41	77.08	75.01	74.62
14	250	43.04	75.17	72.91	73.02	73.17
15	300	41.46	69.17	65.88	71.46	69.30
16	350	40.12	63.89	62.78	65.13	62.42
17	400	38.96	62.87	66.71	64.02	63.20
18	450	37.94	61.94	60.78	63.86	62.49
19	500	37.02	58.55	62.01	58.03	59.64

PsElFext[dB@100m] (Continuation 1)

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
20	550	36.19	53.89	55.71	58.12	54.34
21	600	35.44	54.91	52.43	54.42	54.19
22	650	34.74	47.96	48.84	48.16	49.78
23	700	34.1	44.16	46.17	45.99	46.74
24	750	33.5	46.25	44.26	45.89	47.38
25	800	32.94	40.89	44.46	44.81	41.53
26	900	31.92	47.87	42.55	40.22	41.91
27	1000	31	38.32	36.25	39.74	36.99