

**Test Information**

Test Time : 2023/04/10 15:48:08	Temperature:25C
Standard:JSK-IEC 61156 cat7/100m 4P chou fwd	Test Result:Pass
Cable Length:100m	Equipment number:CTS 650S1
Tester:0840	Notes:
Cable type:	Cable ID:ETL-SFTP-CAT7-LSZH-230410-1

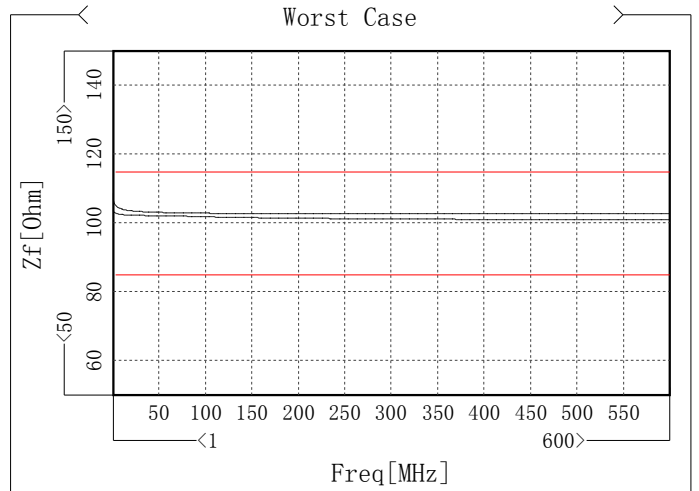
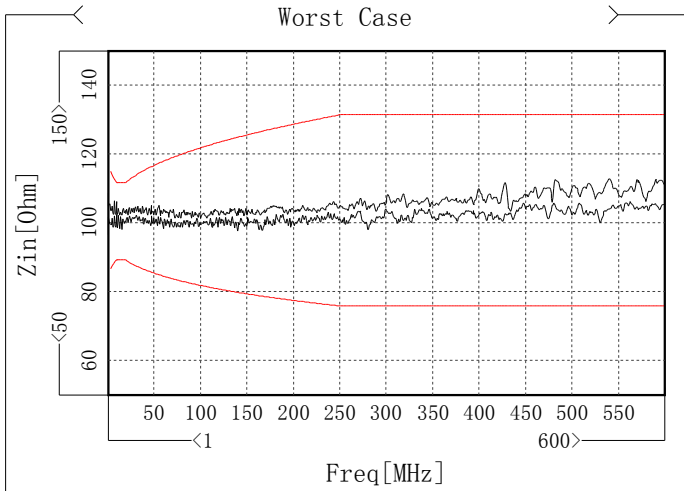
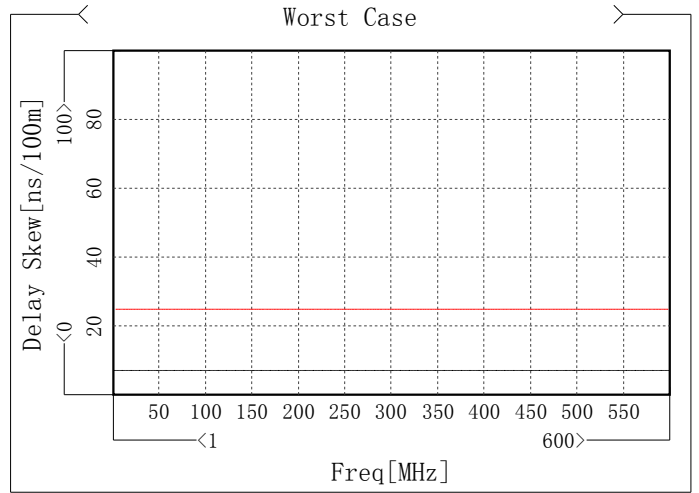
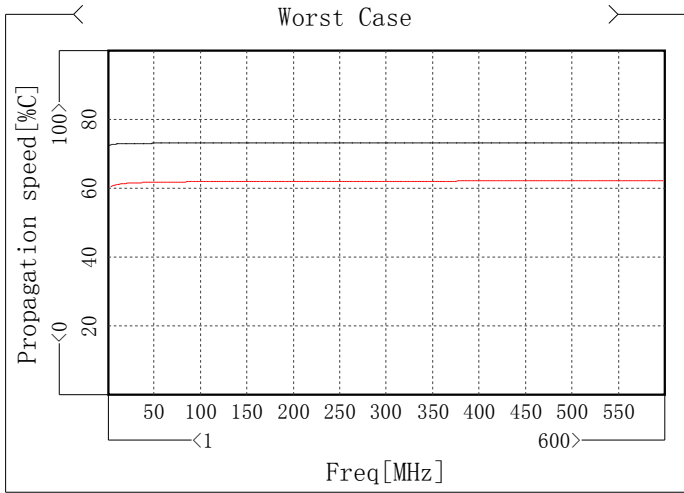
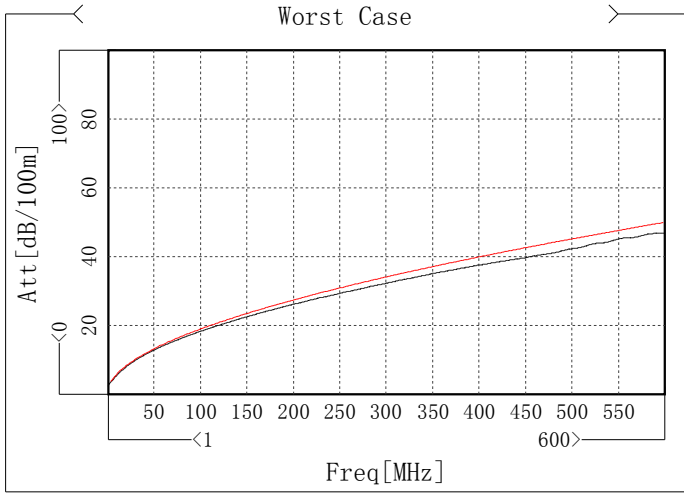
**Test Result List**

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 :**

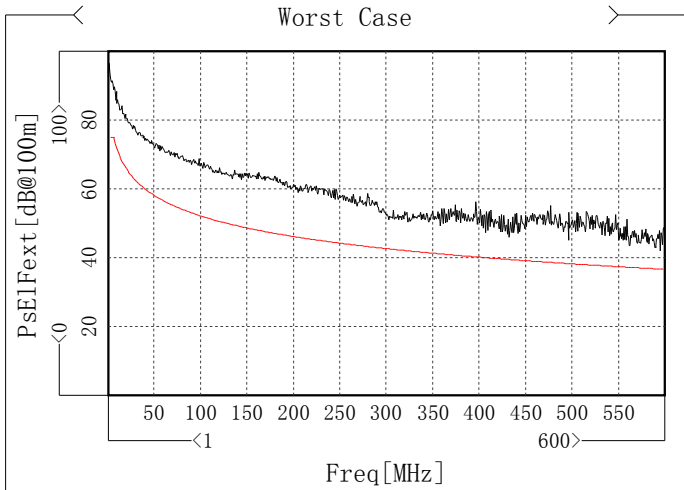
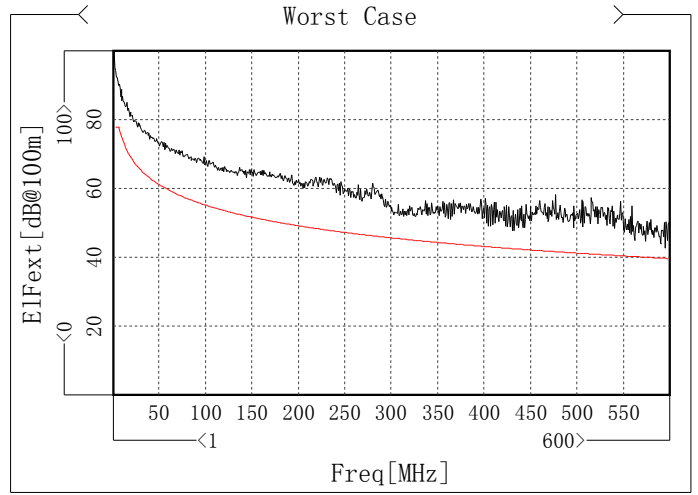
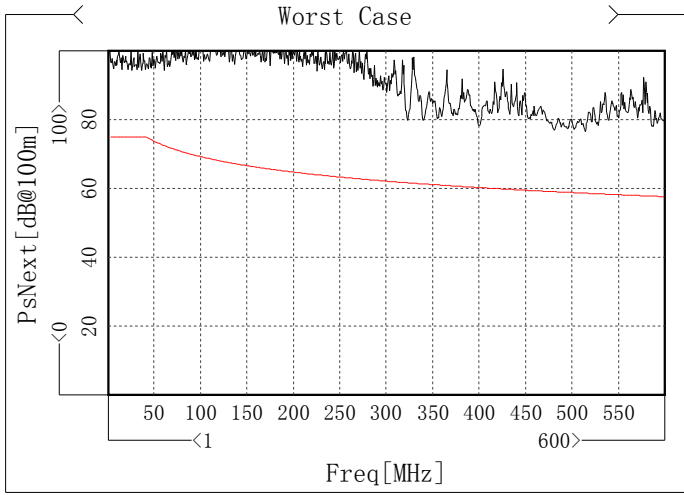
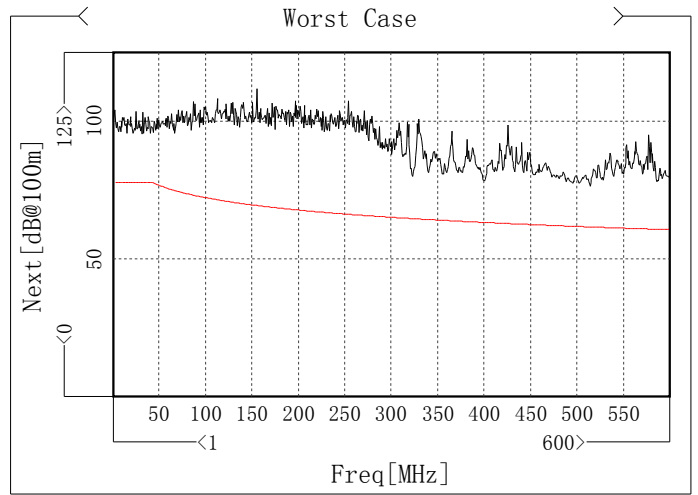
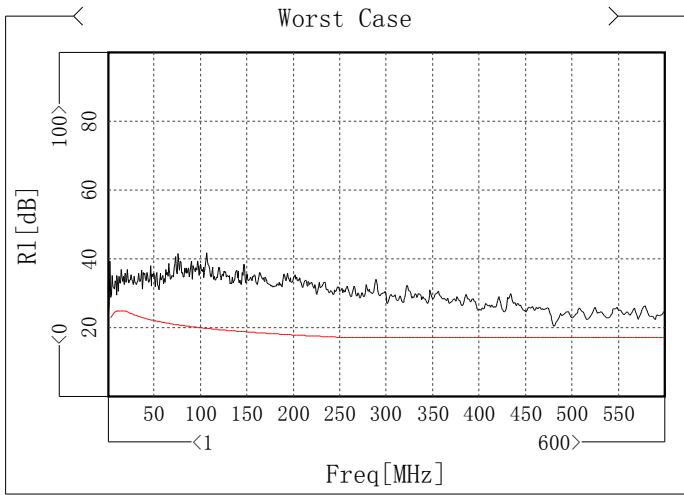
Worst Summary Of High Freq Parameter

Item	Max	Freq[MHz]	Spec	Margin	Min	Freq[MHz]	Spec	Margin
✓ Att[dB/100m]	3.88	4.744	4.06	0.18	/	/	/	/
✓ Phase delay[ns/100m]	454.97	600	535.47	80.5	/	/	/	/
✓ Propagation speed[%C]	/	/	/	/	73.31	597.005	62.24	11.07
✓ Delay Skew[ns/100m]	7.05	41.433	25	17.95	/	/	/	/
✓ Zin[Ohm]	106.44	9.985	111.92	5.48	98.15	15.975	89.35	8.8
✓ Zf[Ohm]	105.03	4.744	115	9.97	101.02	588.02	85	16.02



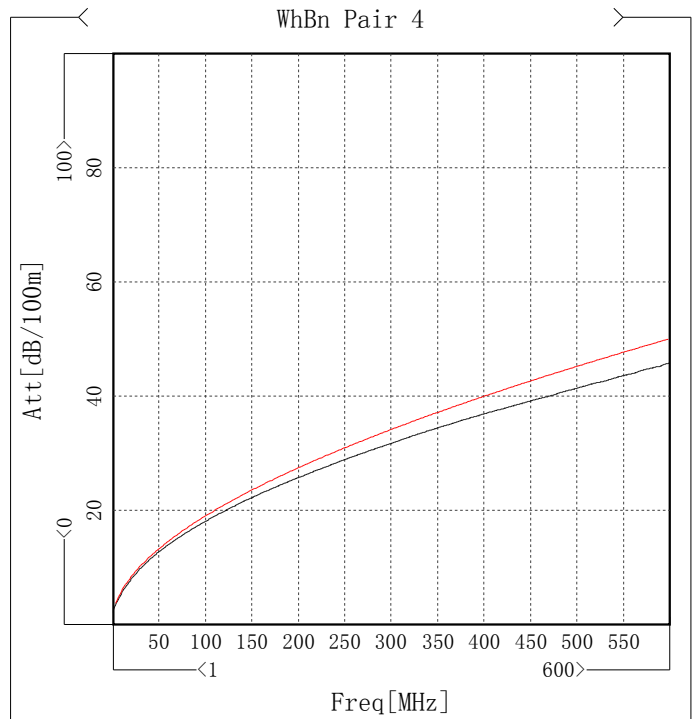
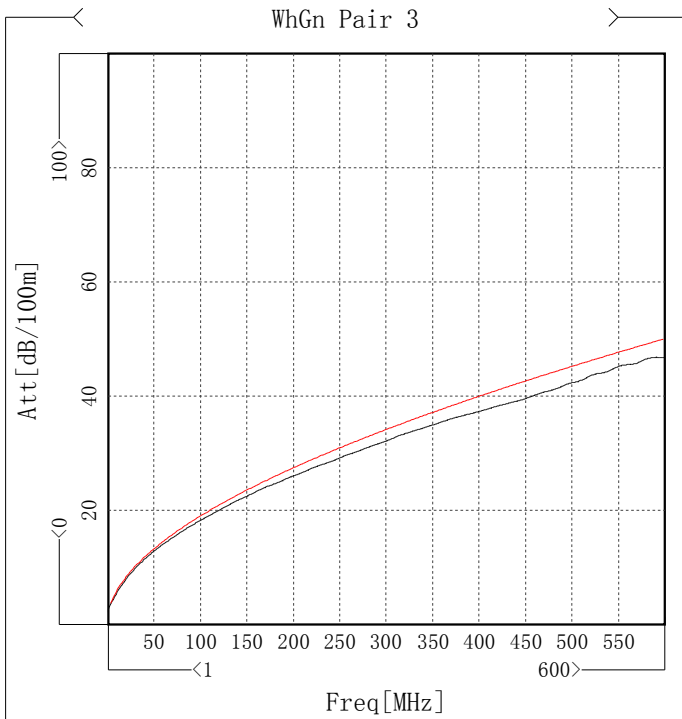
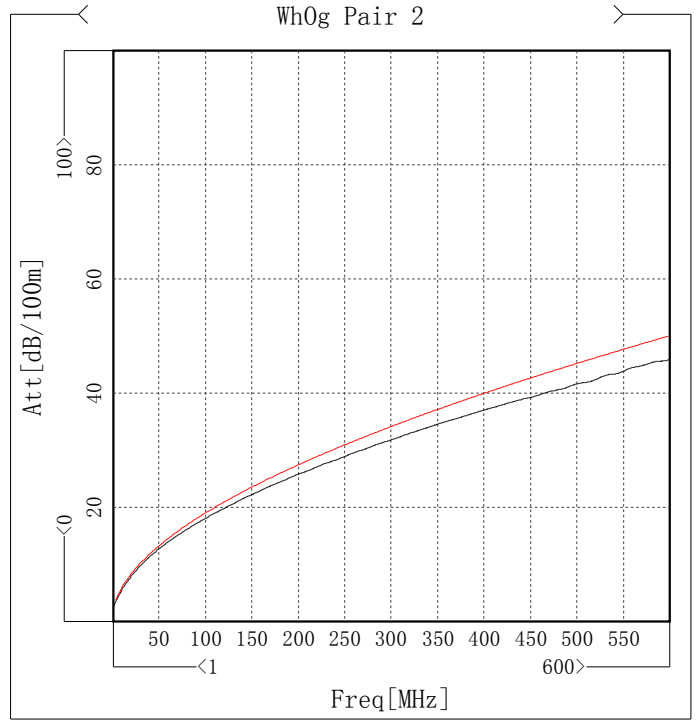
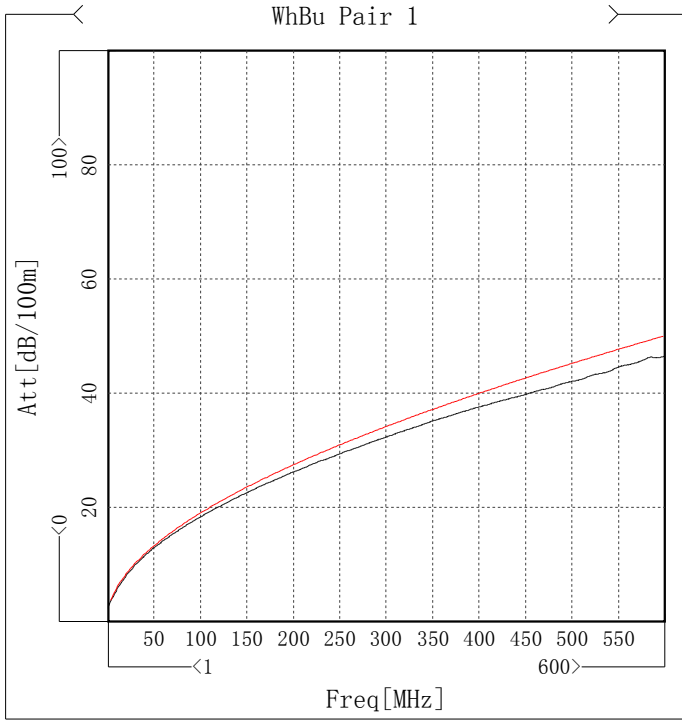
Worst Summary Of High Freq Parameter(2)

Item	Min	Freq[MHz]	Spec	Margin
✓ R1 [dB]	20.56	480.949	17.3	3.26
✓ Next [dB@100m]	76.64	514.642	61.73	14.91
✓ PsNext [dB@100m]	76.55	514.642	58.73	17.82
✓ E1Fext [dB@100m]	42.78	595.507	39.8	2.98
✓ PsE1Fext [dB@100m]	42.08	595.507	36.8	5.28



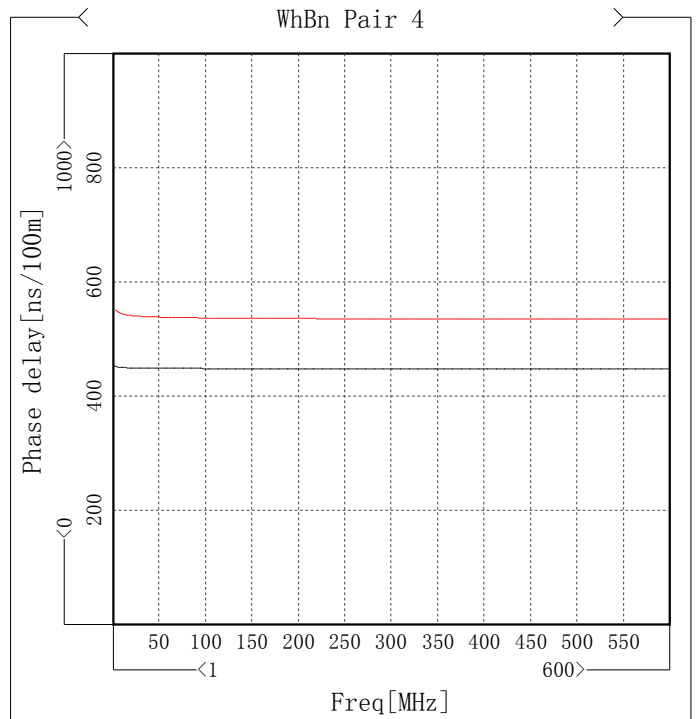
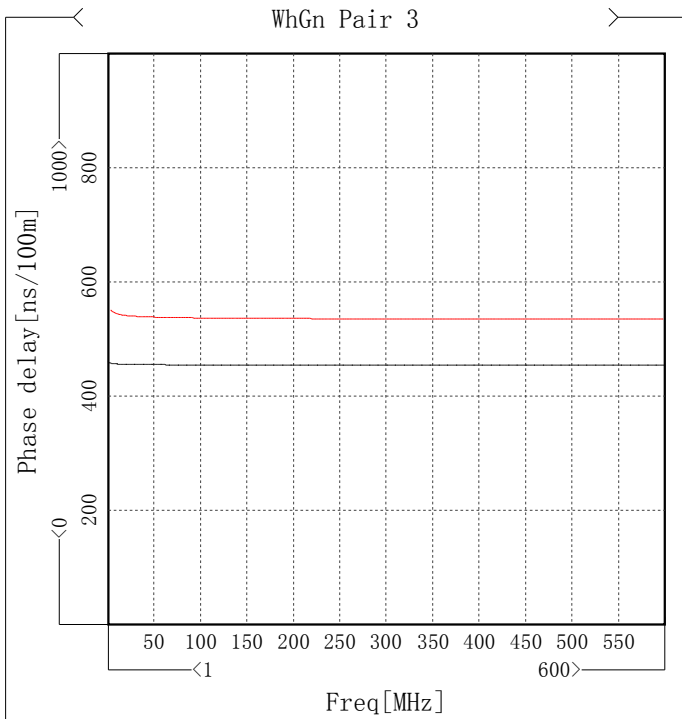
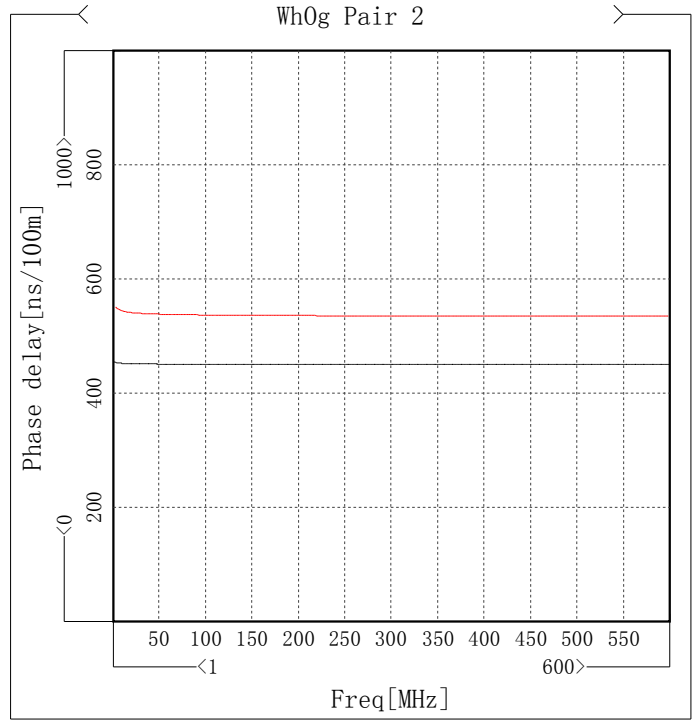
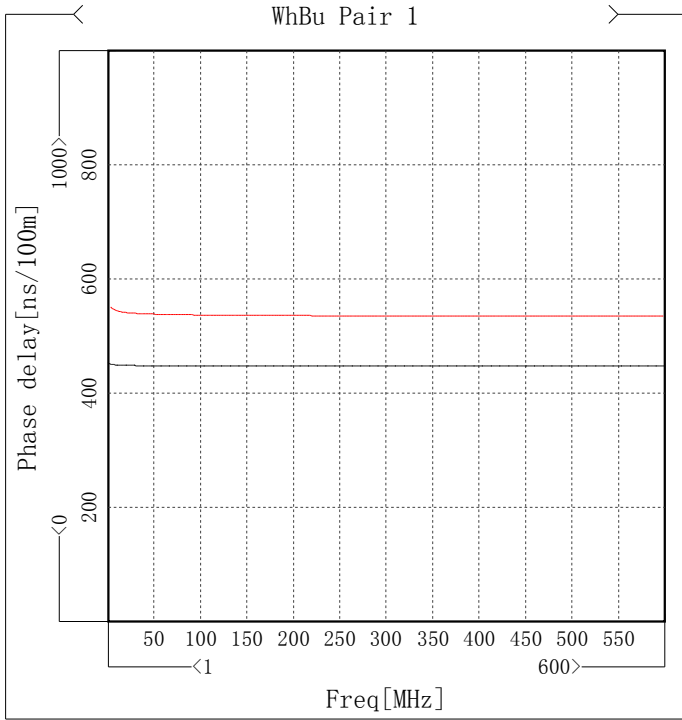
Att

Item	Max [dB/100m]	Freq[MHz]	Spec [dB/100m]	Margin [dB/100m]
WhBu Pair 1	3.87	4.744	4.06	0.19
Wh0g Pair 2	3.83	4.744	4.06	0.23
WhGn Pair 3	3.88	4.744	4.06	0.18
WhBn Pair 4	3.85	4.744	4.06	0.21



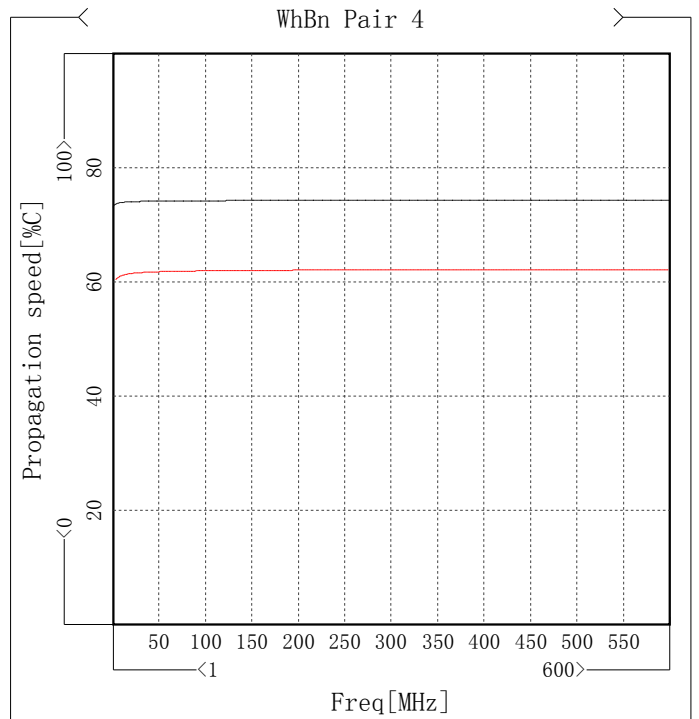
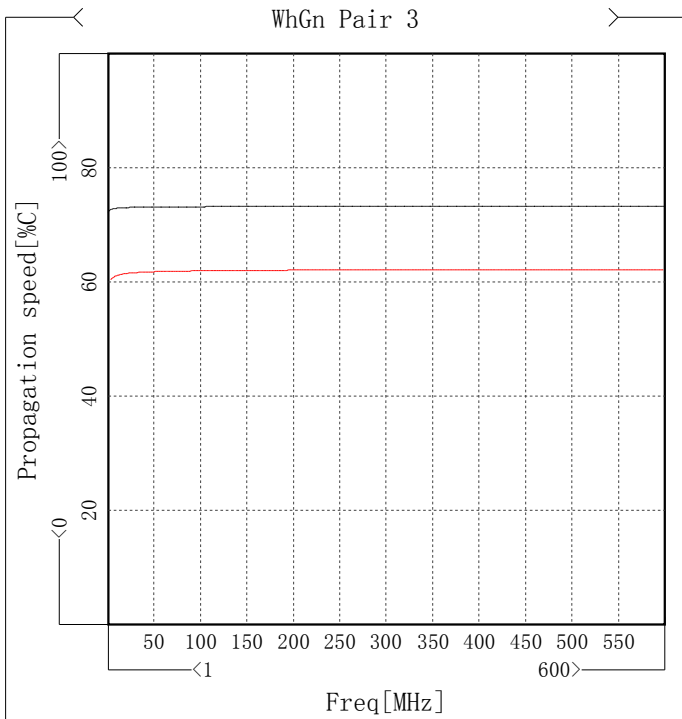
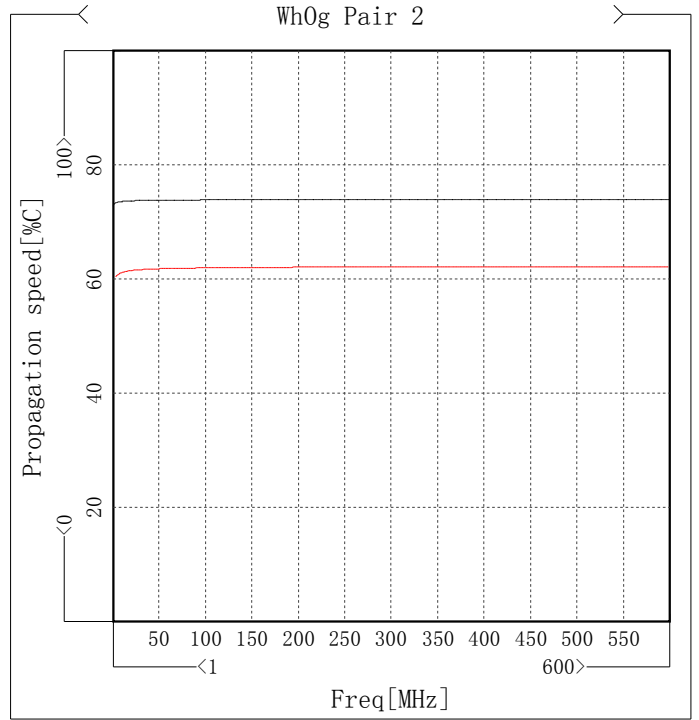
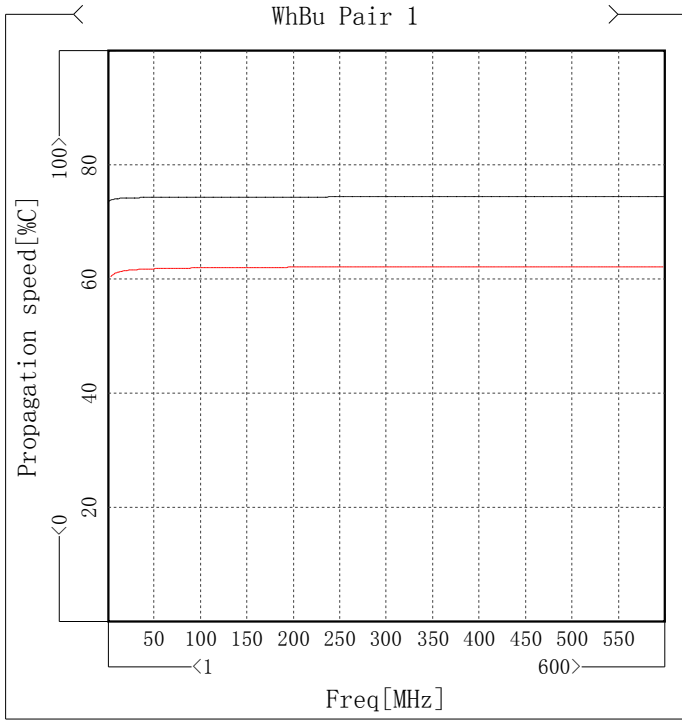
Phase delay

Item	Max [ns/100m]	Freq[MHz]	Spec [ns/100m]	Margin [ns/100m]
WhBu Pair 1	447.93	597.005	535.47	87.54
Wh0g Pair 2	450.82	600	535.47	84.65
WhGn Pair 3	454.97	600	535.47	80.5
WhBn Pair 4	448.47	600	535.47	87



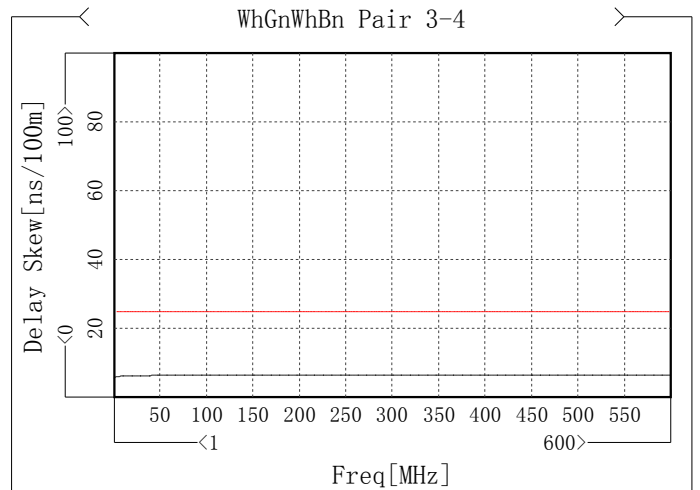
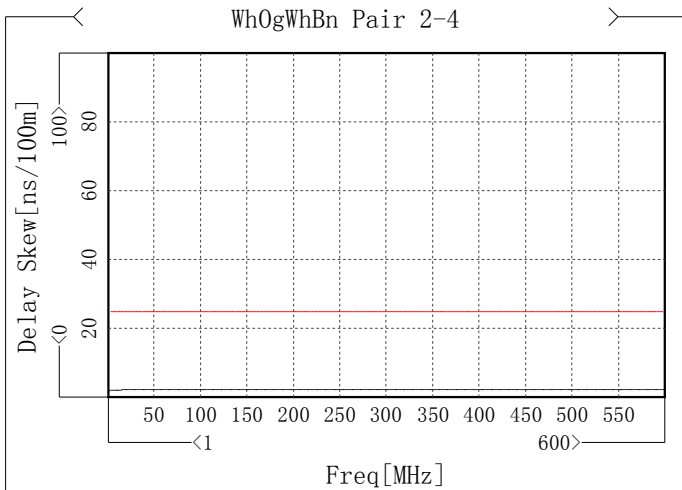
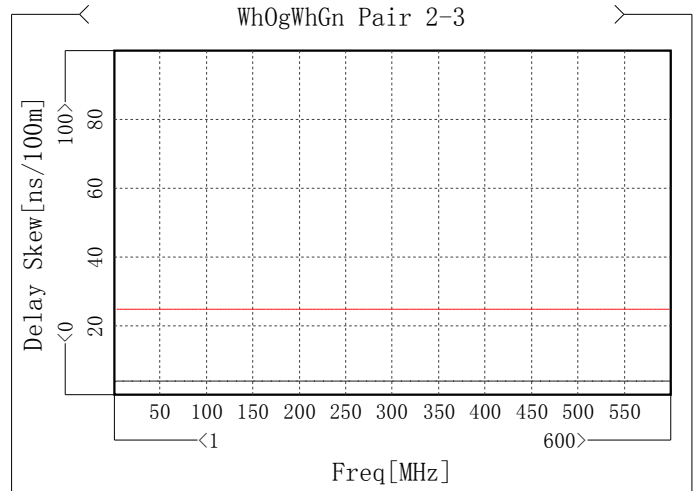
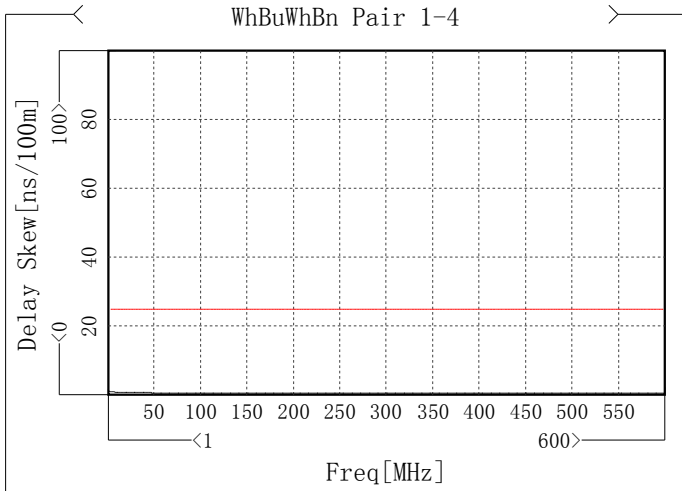
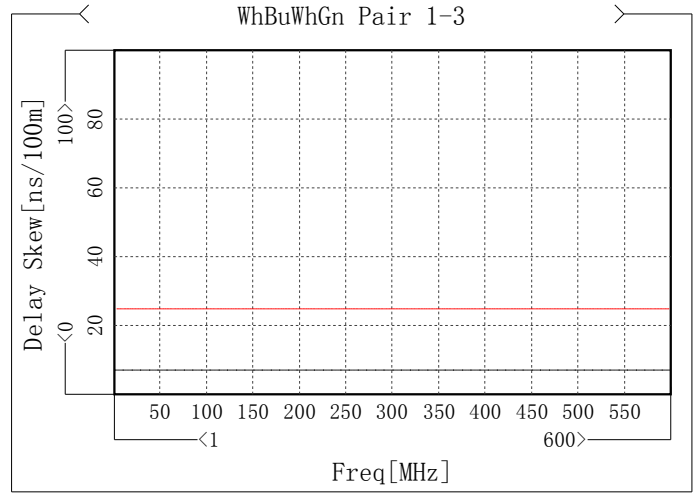
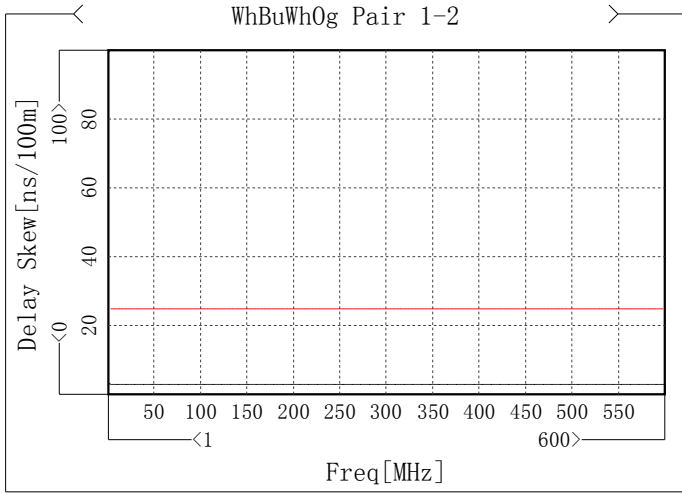
Propagation speed

Item	Min [%C]	Freq[MHz]	Spec [%C]	Margin [%C]
WhBu Pair 1	74.47	600	62.24	12.23
WhOg Pair 2	73.99	600	62.24	11.75
WhGn Pair 3	73.31	597.005	62.24	11.07
WhBn Pair 4	74.38	600	62.24	12.14



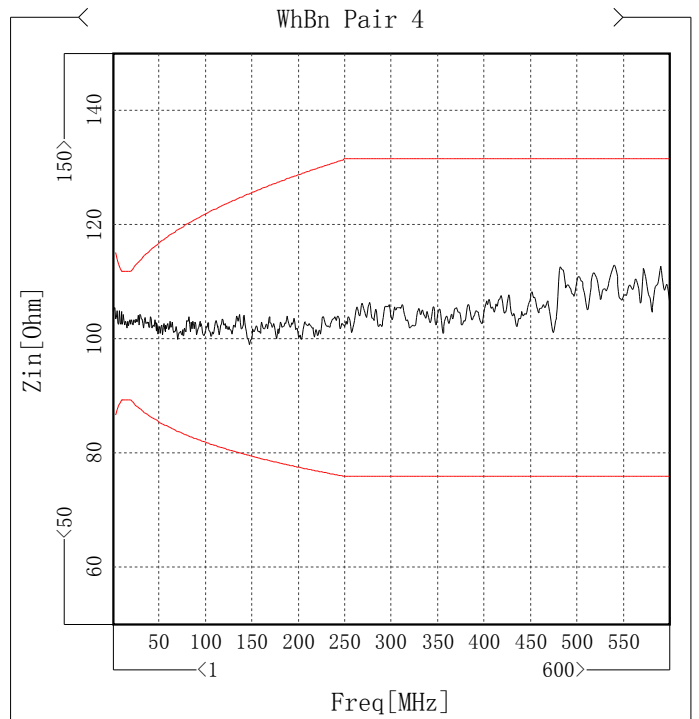
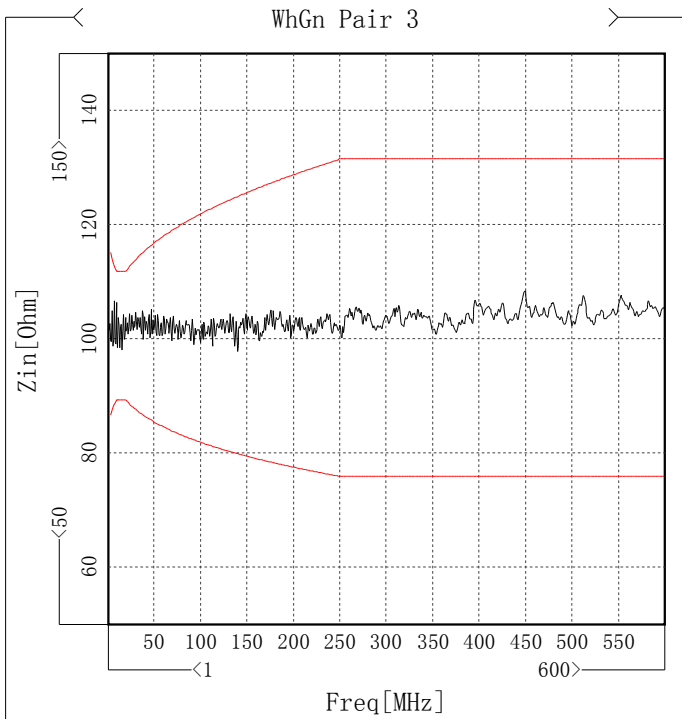
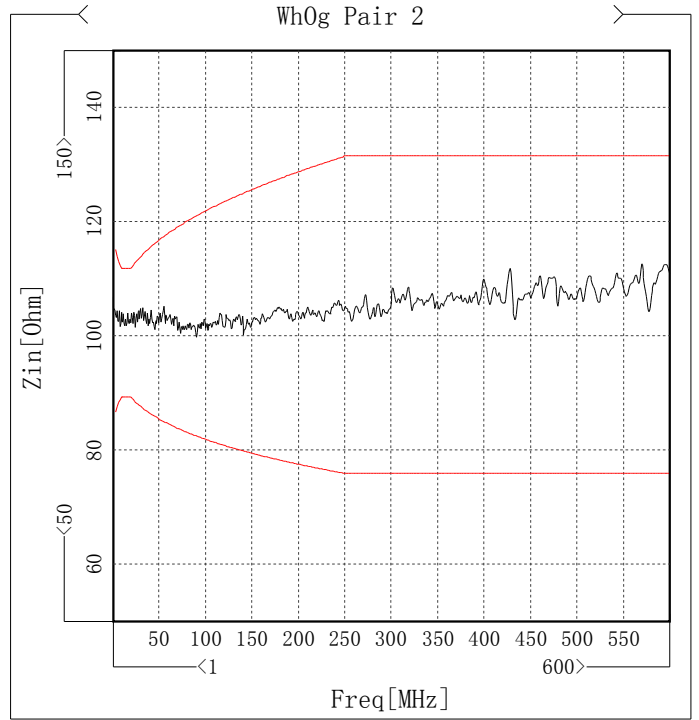
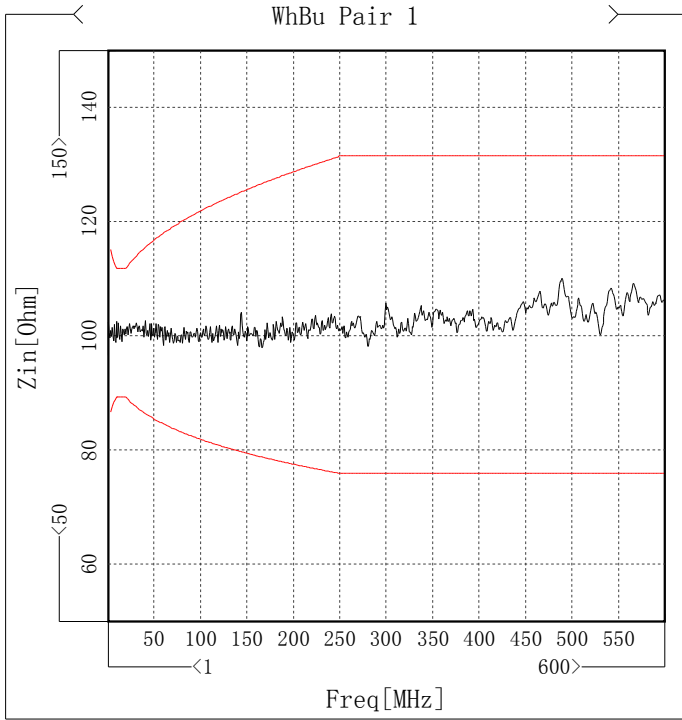
Delay Skew

Item	Max [ns/100m]	Freq[MHz]	Spec [ns/100m]	Margin [ns/100m]
WhBuWhOg Pair 1-2	3.05	4.744	25	21.95
WhBuWhGn Pair 1-3	7.05	41.433	25	17.95
WhBuWhBn Pair 1-4	1	4.744	25	24
WhOgWhGn Pair 2-3	4.15	600	25	20.85
WhOgWhBn Pair 2-4	2.35	600	25	22.65
WhGnWhBn Pair 3-4	6.5	600	25	18.5



Zin

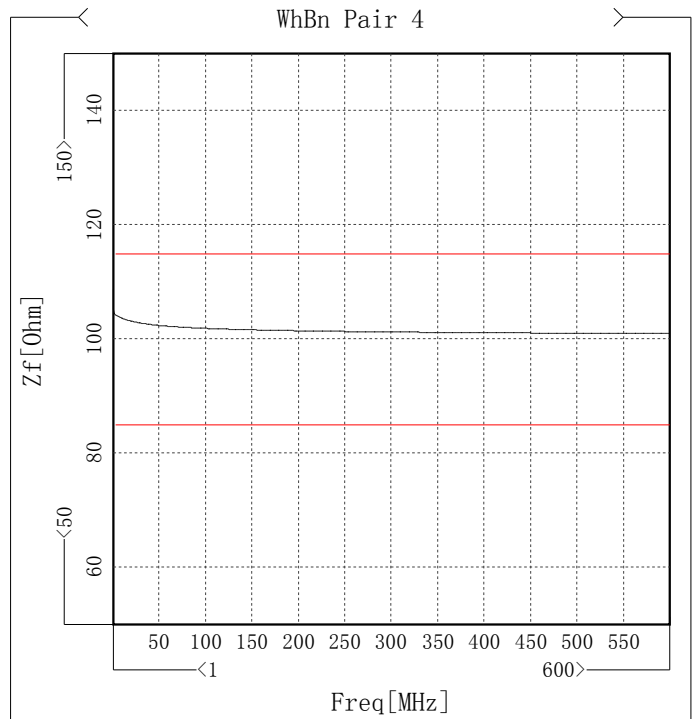
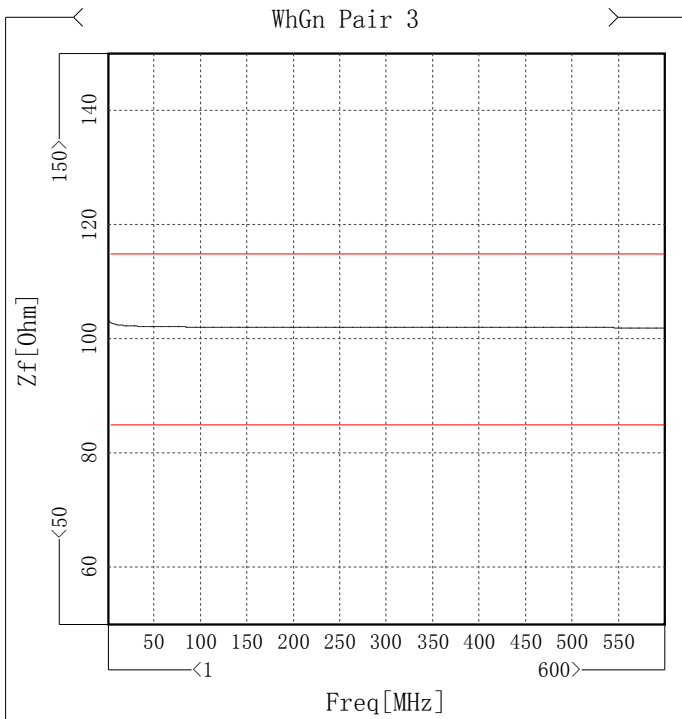
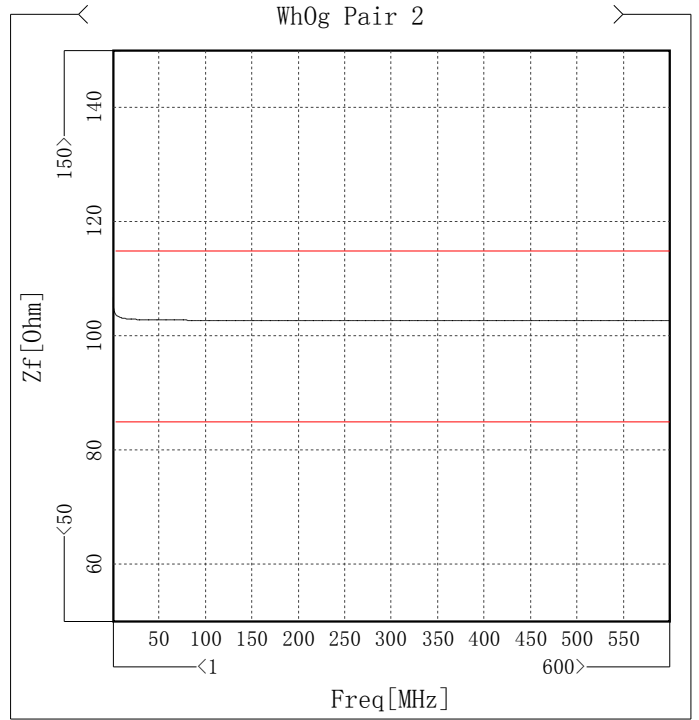
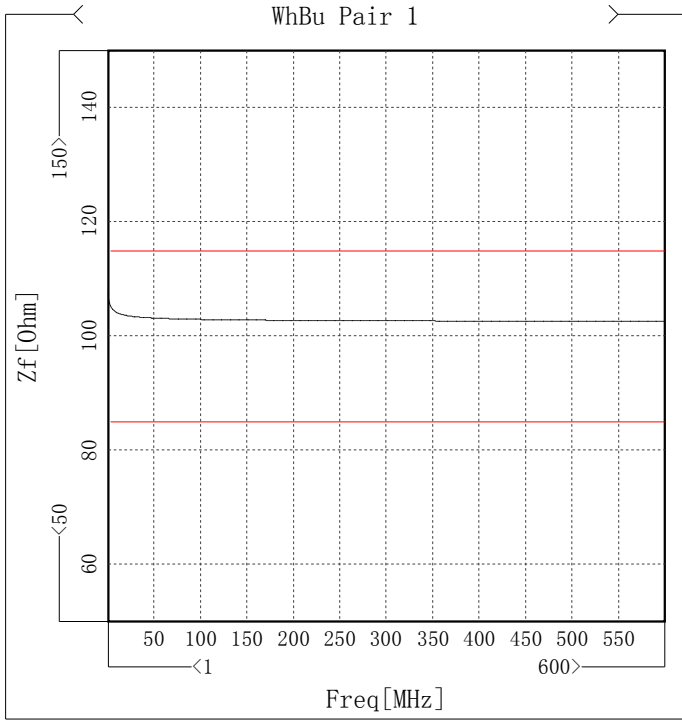
Item	Max [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]	Min [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]
✓ WhBu Pair 1	102.69	9.985	111.92	9.23	99.12	15.975	89.35	9.77
✓ WhOg Pair 2	104.23	9.985	111.92	7.69	101.87	13.729	89.35	12.52
✓ WhGn Pair 3	106.44	9.985	111.92	5.48	98.15	15.975	89.35	8.8
✓ WhBn Pair 4	104.85	9.985	111.92	7.07	101.93	15.975	89.35	12.58





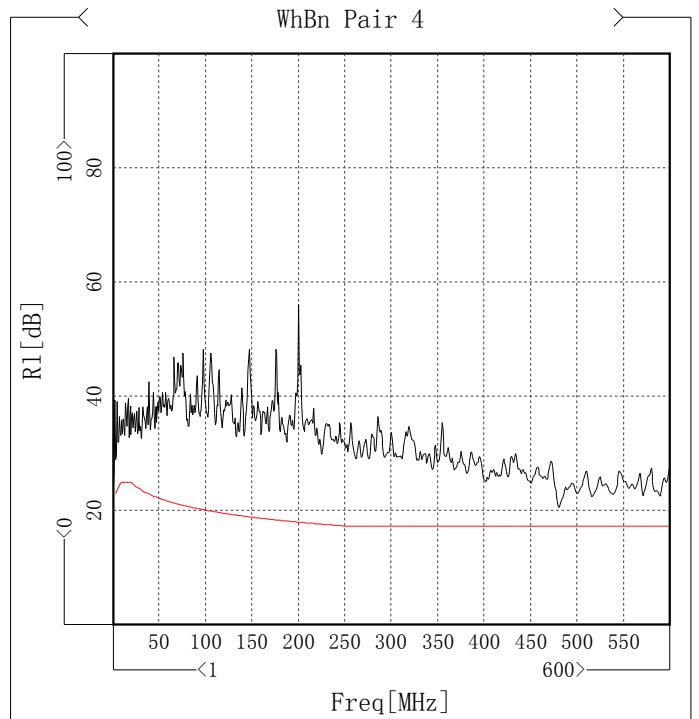
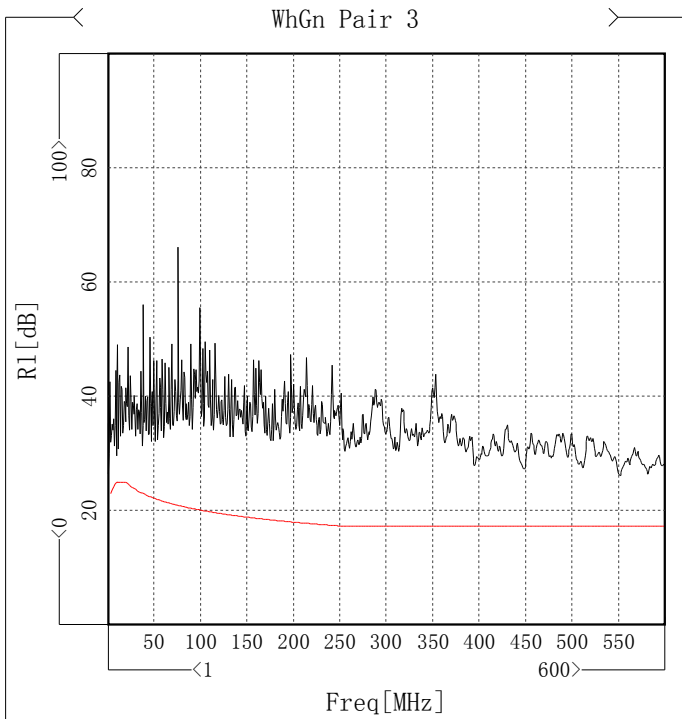
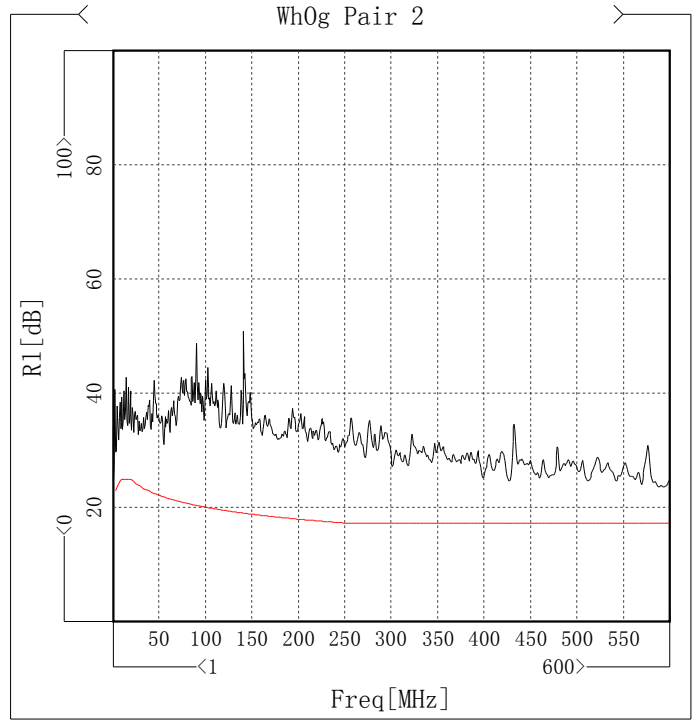
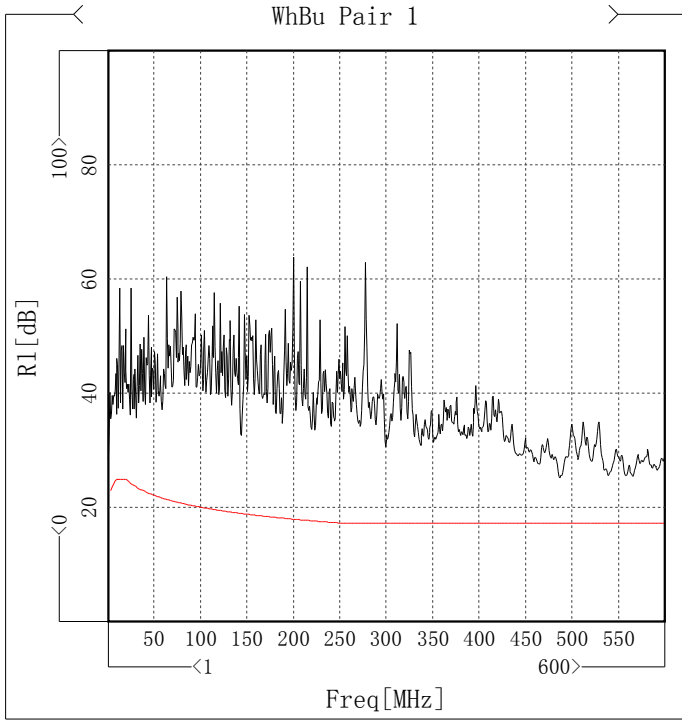
Zf

Item	Max [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]	Min [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]
✓ WhBu Pair 1	105.03	4.744	115	9.97	102.64	597.005	85	17.64
✓ WhOg Pair 2	103.73	4.744	115	11.27	102.77	569.301	85	17.77
✓ WhGn Pair 3	102.89	4.744	115	12.11	102.05	521.381	85	17.05
✓ WhBn Pair 4	104.2	4.744	115	10.8	101.02	588.02	85	16.02



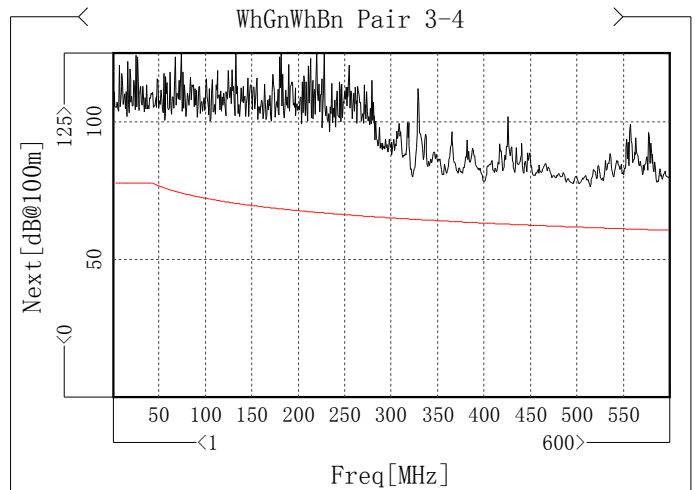
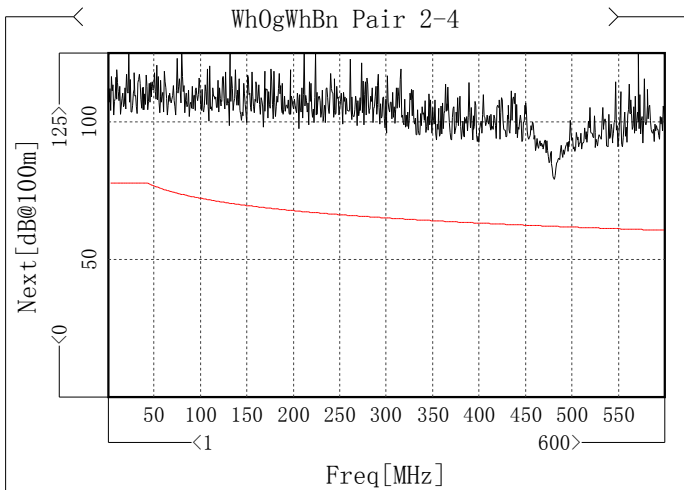
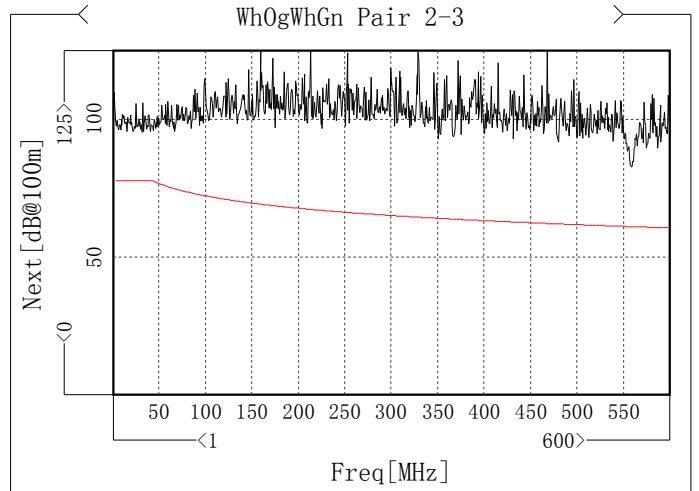
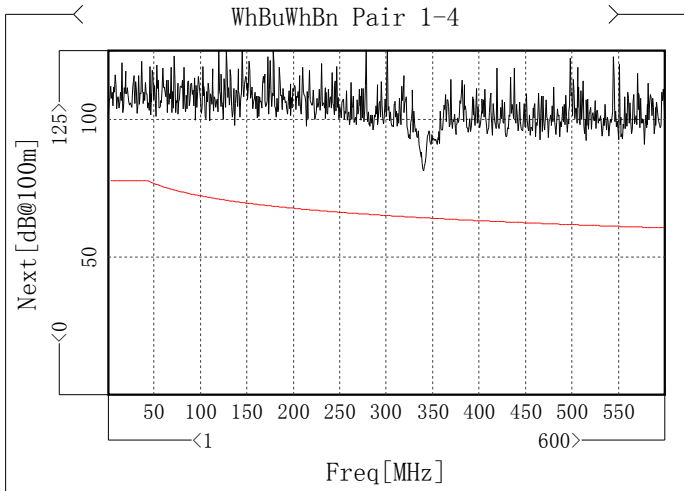
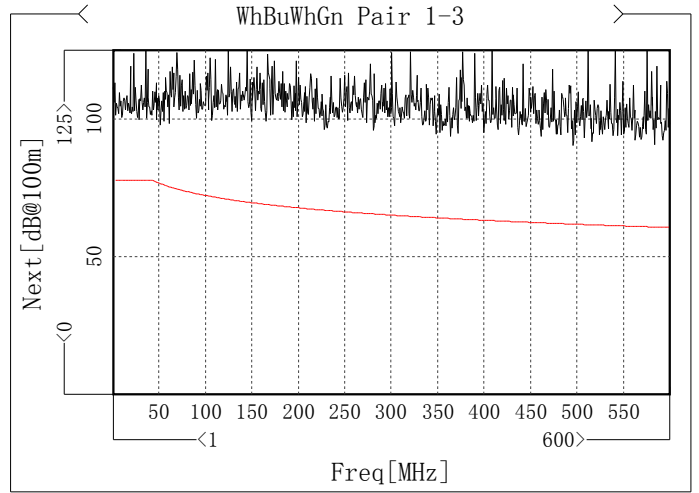
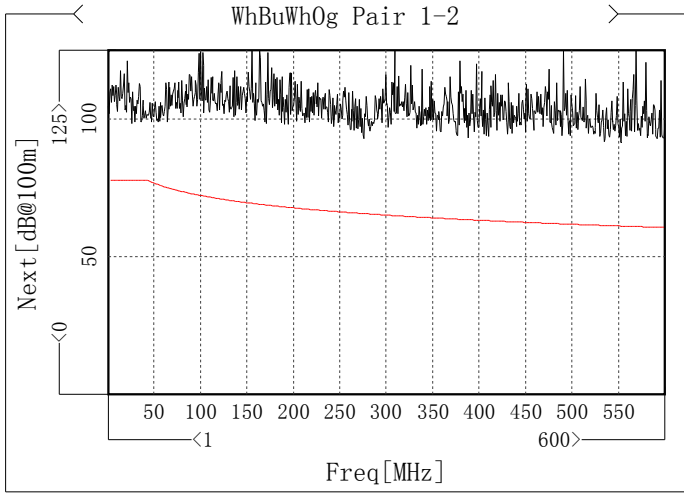
R1

Item	Min [dB]	Freq[MHz]	Spec [dB]	Margin [dB]
WhBu Pair 1	25.22	486.939	17.3	7.92
Wh0g Pair 2	23.59	594.01	17.3	6.29
WhGn Pair 3	29.55	9.985	25	4.55
WhBn Pair 4	20.56	480.949	17.3	3.26



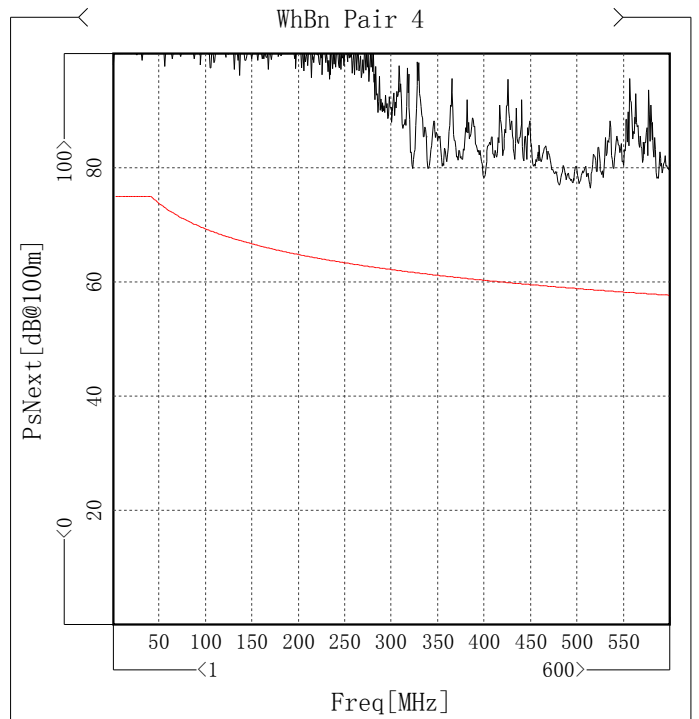
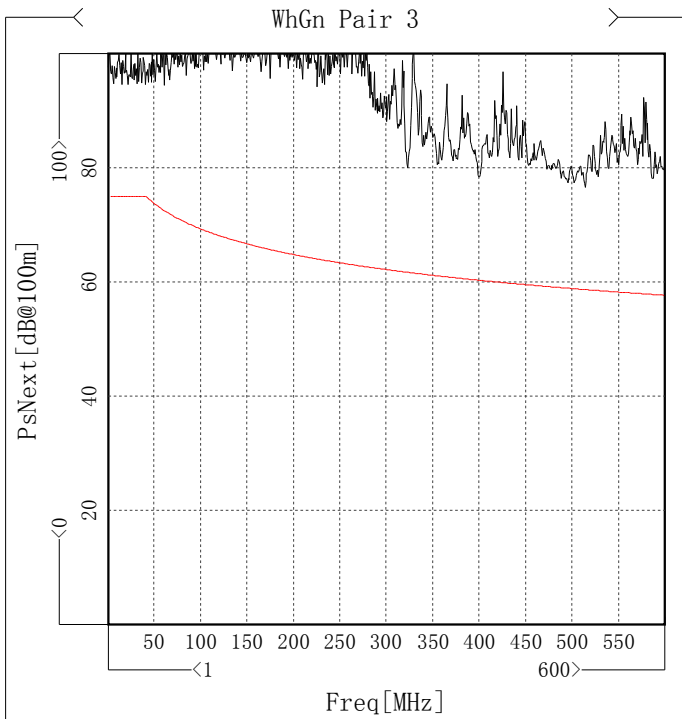
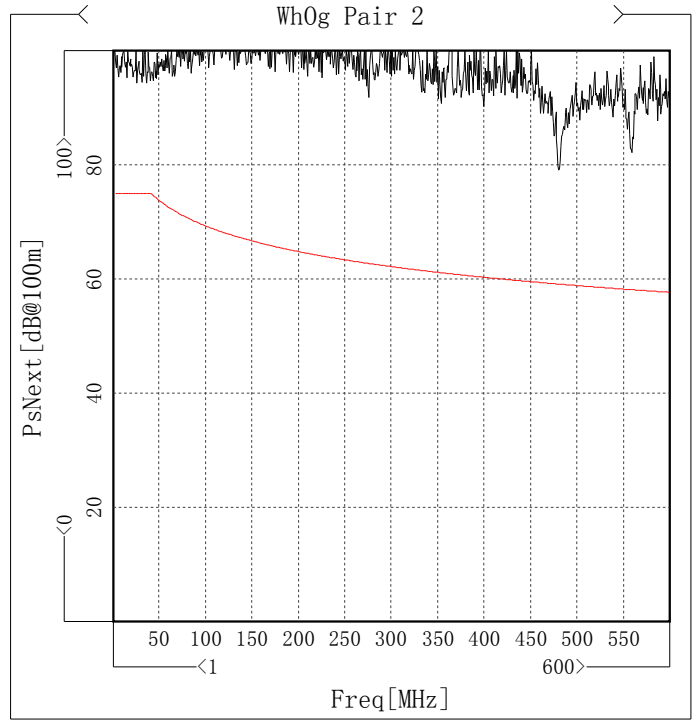
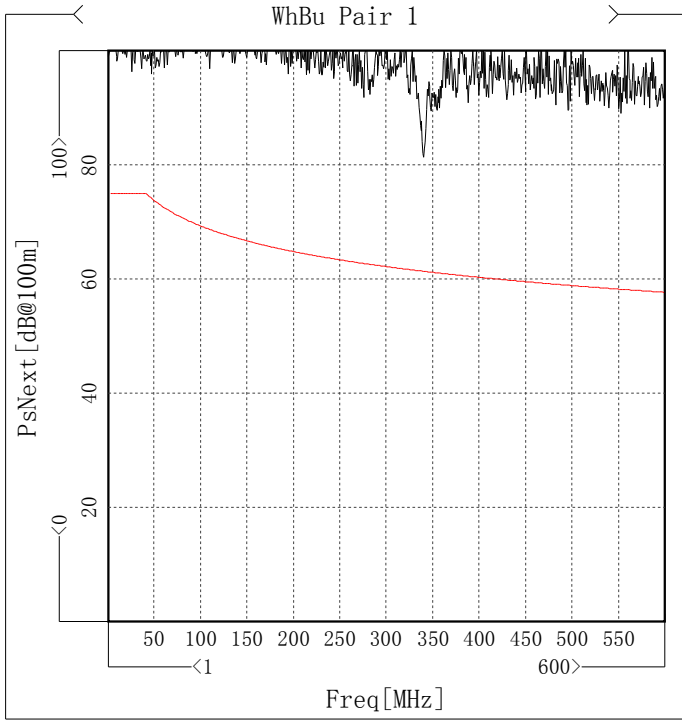
Next

Item	Min [dB@100m]	Freq[MHz]	Spec [dB@100m]	Margin [dB@100m]
WhBuWhOg Pair 1-2	98.46	26.458	78	20.46
WhBuWhGn Pair 1-3	97.99	51.915	76.67	21.32
WhBuWhBn Pair 1-4	81.39	340.933	64.41	16.98
WhOgWhGn Pair 2-3	95.42	32.447	78	17.42
WhOgWhBn Pair 2-4	79.35	481.698	62.16	17.19
WhGnWhBn Pair 3-4	76.64	514.642	61.73	14.91



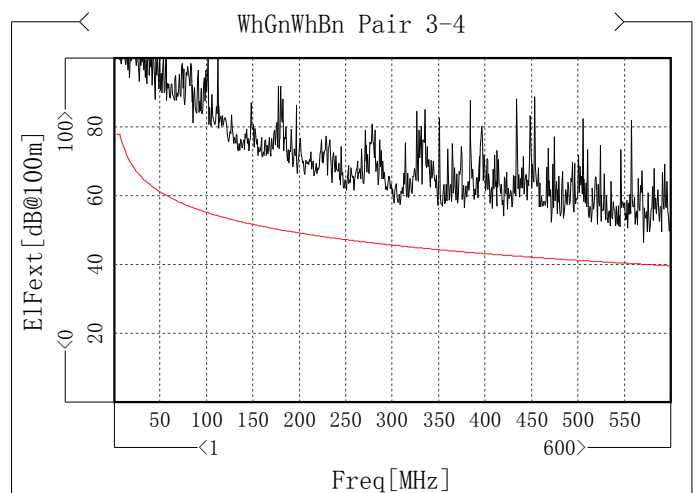
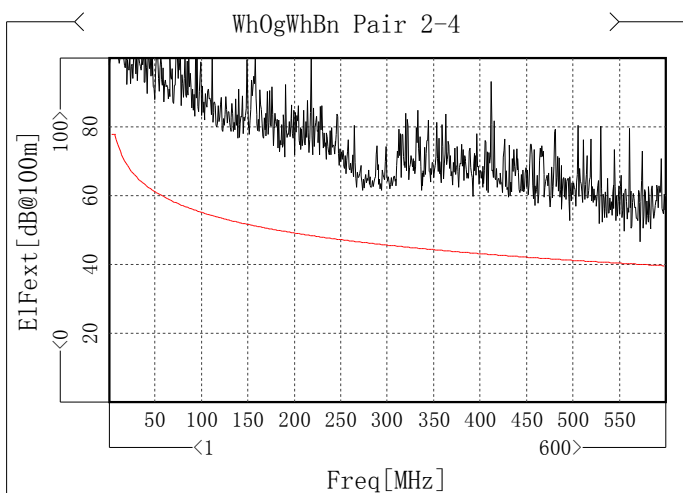
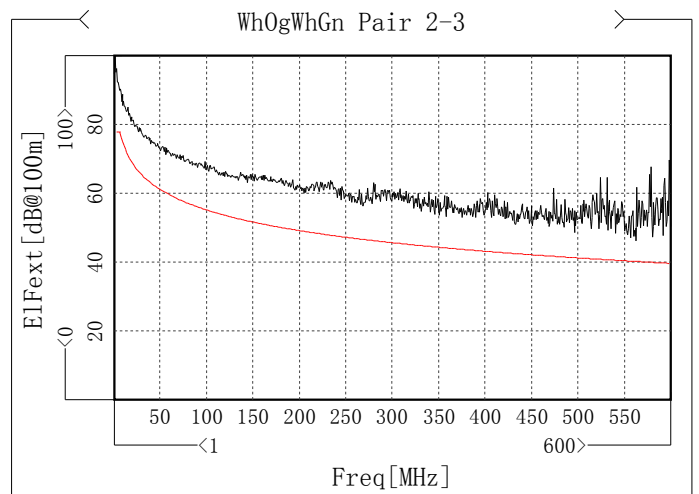
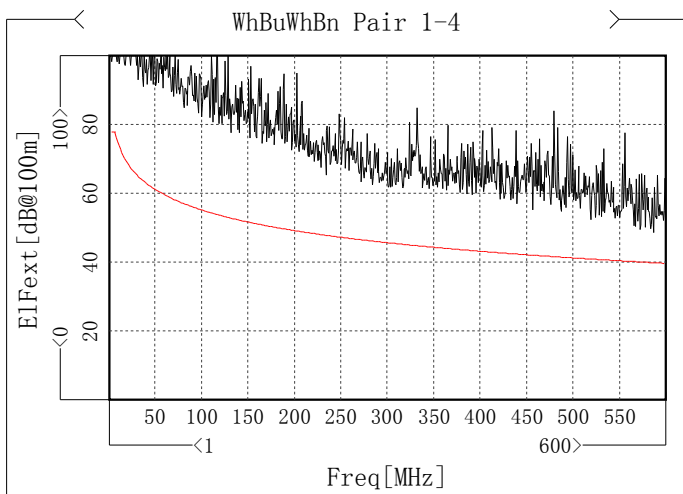
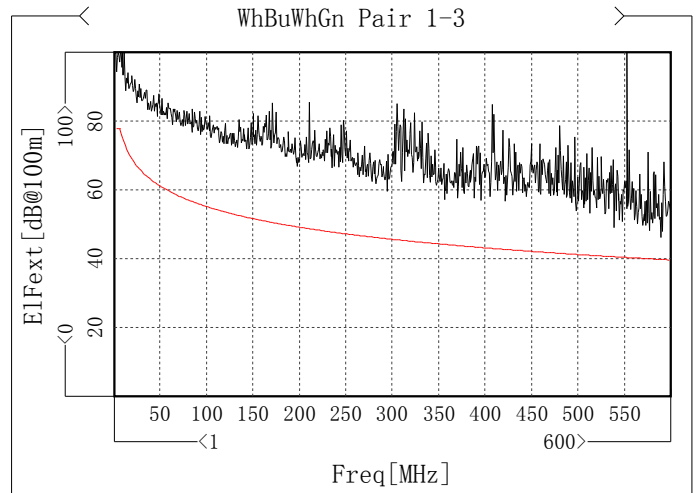
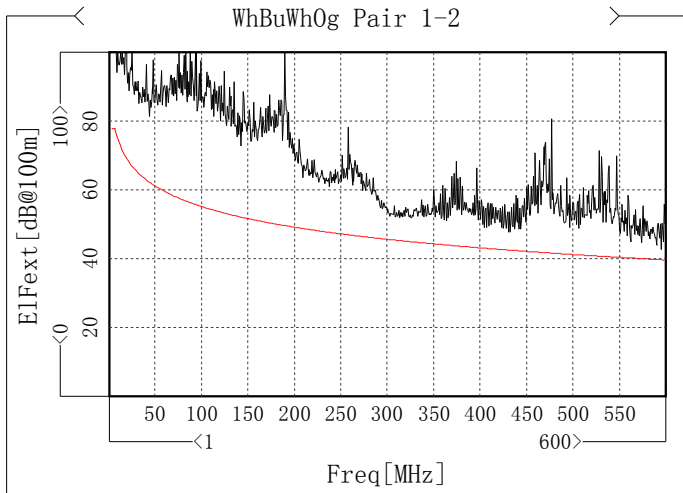
PsNext

Item	Min [dB@100m]	Freq[MHz]	Spec [dB@100m]	Margin [dB@100m]
WhBu Pair 1	81.34	340.933	61.41	19.93
WhOg Pair 2	94.35	26.458	75	19.35
WhGn Pair 3	76.63	514.642	58.73	17.9
WhBn Pair 4	76.55	514.642	58.73	17.82



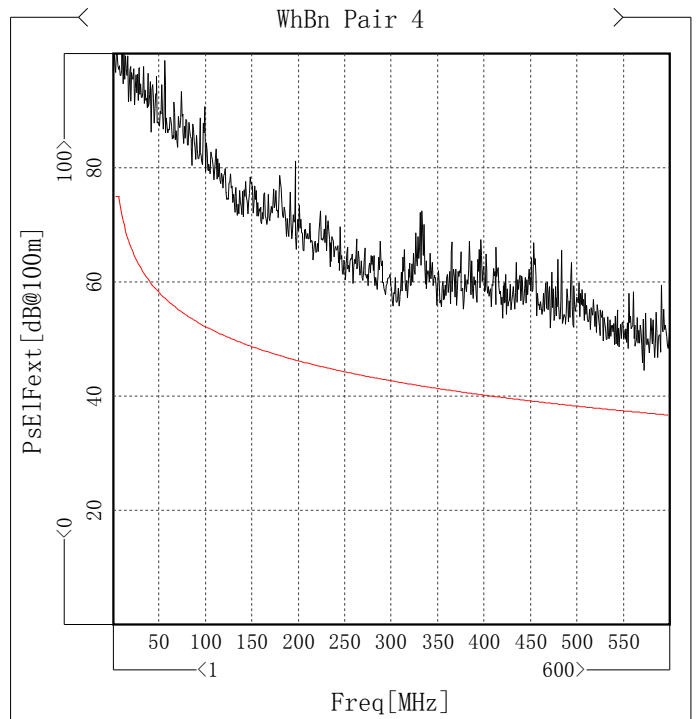
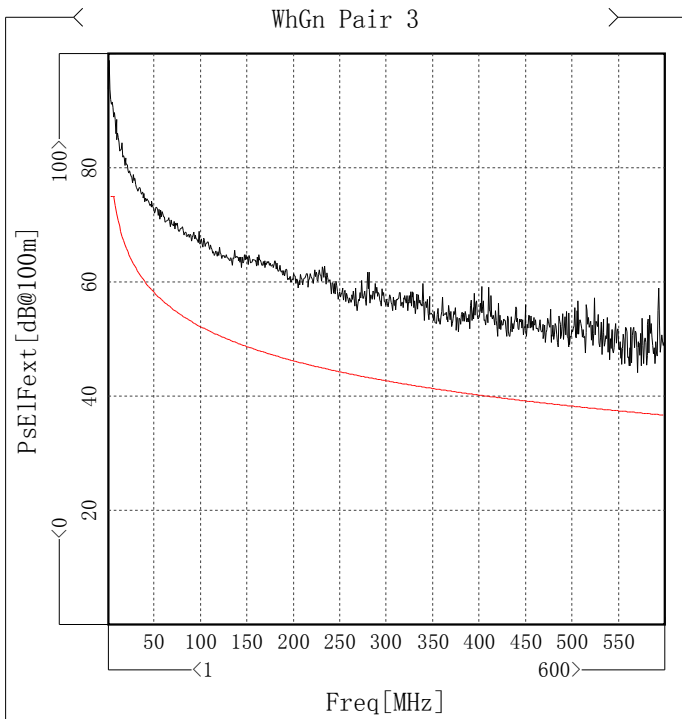
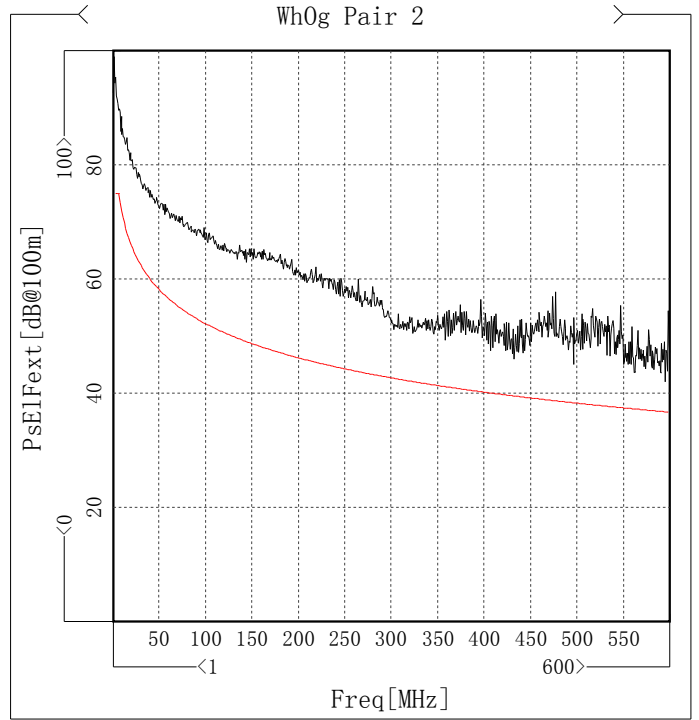
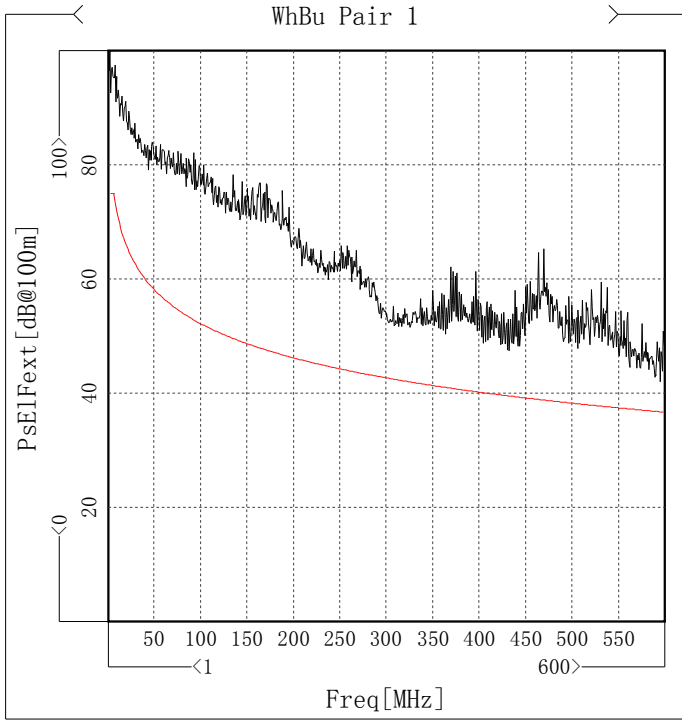
E1Fext

Item	Min [dB@100m]	Freq[MHz]	Spec [dB@100m]	Margin [dB@100m]
WhBuWhOg Pair 1-2	42.78	595.507	39.8	2.98
WhBuWhGn Pair 1-3	46.35	589.517	39.89	6.46
WhBuWhBn Pair 1-4	48.63	587.271	39.92	8.71
WhOgWhGn Pair 2-3	46.37	563.311	40.29	6.08
WhOgWhBn Pair 2-4	46.79	573.045	40.14	6.65
WhGnWhBn Pair 3-4	46.56	570.799	40.17	6.39



PsElFext

Item	Min [dB@100m]	Freq[MHz]	Spec [dB@100m]	Margin [dB@100m]
WhBu Pair 1	42.08	595.507	36.8	5.28
WhOg Pair 2	42.1	595.507	36.8	5.3
WhGn Pair 3	44.18	570.799	37.17	7.01
WhBn Pair 4	44.53	573.045	37.14	7.39



**Att [dB/100m]**

No.	Freq [MHz]	Spec (Max)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	\	2.26	2.11	2.23	2.05
2	4	3.74	3.60	3.55	3.61	3.57
3	8	5.24	4.91	4.86	4.90	4.88
4	10	5.86	5.50	5.43	5.48	5.45
5	16	7.41	7.05	6.95	7.01	6.96
6	20	8.29	7.96	7.85	7.91	7.85
7	25	9.29	8.98	8.86	8.93	8.86
8	31.25	10.41	10.12	9.98	10.06	9.98
9	50	13.26	12.91	12.73	12.84	12.73
10	62.5	14.88	14.45	14.25	14.37	14.26
11	100	19.02	18.34	18.08	18.24	18.08
12	125	21.39	20.55	20.25	20.46	20.26
13	200	27.47	26.22	25.85	26.04	25.75
14	250	30.97	29.41	28.95	29.20	28.93
15	300	34.19	32.36	31.87	32.17	31.76
16	350	37.19	35.19	34.59	34.97	34.48
17	400	40.01	37.65	37.10	37.36	36.94
18	450	42.69	39.80	39.30	39.60	39.21
19	500	45.26	42.11	41.66	42.39	41.41
20	550	47.72	44.61	43.87	45.22	43.65
21	600	50.1	46.55	45.93	46.86	45.89

**Phase delay [ns/100m]**

No.	Freq [MHz]	Spec (Max)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	\	455.35	458.60	462.41	456.93
2	4	552	451.48	454.54	458.53	452.52
3	8	546.73	450.35	453.36	457.40	451.23
4	10	545.38	450.06	453.05	457.10	450.90
5	16	543	449.54	452.52	456.59	450.32
6	20	542.05	449.34	452.30	456.39	450.08
7	25	541.2	449.16	452.11	456.20	449.88
8	31.25	540.44	448.99	451.94	456.04	449.69
9	50	539.09	448.70	451.64	455.75	449.36
10	62.5	538.55	448.59	451.52	455.63	449.23
11	100	537.6	448.38	451.30	455.43	448.99
12	125	537.22	448.30	451.22	455.34	448.90
13	200	536.55	448.16	451.06	455.20	448.74
14	250	536.28	448.10	451.00	455.14	448.67
15	300	536.08	448.06	450.96	455.10	448.62
16	350	535.92	448.02	450.92	455.07	448.58
17	400	535.8	448.00	450.90	455.04	448.55
18	450	535.7	447.97	450.87	455.02	448.53
19	500	535.61	447.95	450.85	455.00	448.51
20	550	535.54	447.94	450.84	454.98	448.49
21	600	535.47	447.92	450.82	454.97	448.47

**Propagation speed[%C]**

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	\	73.25	72.73	72.14	73.00
2	4	60.45	73.88	73.38	72.75	73.71
3	8	61.02	74.07	73.58	72.93	73.92
4	10	61.17	74.12	73.62	72.97	73.98
5	16	61.43	74.20	73.71	73.05	74.07
6	20	61.53	74.23	73.75	73.09	74.11
7	25	61.62	74.26	73.78	73.12	74.15
8	31.25	61.7	74.29	73.81	73.14	74.18
9	50	61.85	74.34	73.86	73.19	74.23
10	62.5	61.91	74.36	73.88	73.21	74.25
11	100	62.01	74.39	73.91	73.24	74.29
12	125	62.05	74.41	73.92	73.25	74.31
13	200	62.12	74.43	73.95	73.28	74.33
14	250	62.15	74.44	73.96	73.29	74.34
15	300	62.17	74.45	73.97	73.29	74.35
16	350	62.19	74.45	73.97	73.30	74.36
17	400	62.2	74.46	73.98	73.30	74.36
18	450	62.21	74.46	73.98	73.31	74.37
19	500	62.22	74.46	73.98	73.31	74.37
20	550	62.23	74.47	73.99	73.31	74.37
21	600	62.24	74.47	73.99	73.32	74.38

**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	\	3.25	7.06	1.57	3.81	1.67	5.48
2	4	25	3.06	7.05	1.04	3.99	2.02	6.01
3	8	25	3.01	7.05	0.88	4.04	2.13	6.16
4	10	25	3.00	7.05	0.84	4.05	2.15	6.20
5	16	25	2.97	7.05	0.77	4.07	2.20	6.27
6	20	25	2.96	7.05	0.74	4.08	2.22	6.30
7	25	25	2.95	7.05	0.72	4.09	2.24	6.33
8	31.25	25	2.95	7.05	0.70	4.10	2.25	6.35
9	50	25	2.93	7.04	0.66	4.11	2.28	6.39
10	62.5	25	2.93	7.04	0.64	4.12	2.29	6.40
11	100	25	2.92	7.04	0.61	4.13	2.31	6.43
12	125	25	2.91	7.04	0.60	4.13	2.31	6.44
13	200	25	2.91	7.04	0.58	4.14	2.33	6.46
14	250	25	2.90	7.04	0.57	4.14	2.33	6.47
15	300	25	2.90	7.04	0.57	4.14	2.34	6.48
16	350	25	2.90	7.04	0.56	4.14	2.34	6.48
17	400	25	2.90	7.04	0.56	4.14	2.34	6.49
18	450	25	2.90	7.04	0.56	4.14	2.34	6.49
19	500	25	2.90	7.04	0.55	4.15	2.35	6.49
20	550	25	2.90	7.04	0.55	4.15	2.35	6.49
21	600	25	2.90	7.04	0.55	4.15	2.35	6.50



Zin[Ohm]

No.	Freq [MHz]	Spec		WhBu	WhOg	WhGn	WhBn
		(Max)	(Min)	Pair 1	Pair 2	Pair 3	Pair 4
1	1	\	\	96.70	106.84	99.95	108.76
2	4	115.22	86.79	101.06	103.73	99.75	103.54
3	8	112.64	88.78	101.19	103.56	104.15	104.34
4	10	111.92	89.35	102.63	104.20	106.35	104.81
5	16	111.92	89.35	99.20	102.40	98.26	101.97
6	20	111.92	89.35	100.53	102.56	102.92	102.79
7	25	112.95	88.54	101.24	101.63	101.50	102.89
8	31.25	114.07	87.66	102.04	104.25	104.12	103.94
9	50	116.8	85.62	100.70	103.02	102.63	101.42
10	62.5	118.29	84.54	101.34	103.69	101.06	103.05
11	100	121.92	82.02	100.31	102.60	100.09	101.16
12	125	123.91	80.7	101.01	103.10	103.30	101.83
13	200	128.8	77.64	100.60	104.24	102.54	101.49
14	250	131.51	76.04	101.11	104.84	102.13	102.42
15	300	131.6	75.99	105.60	105.46	104.15	104.01
16	350	131.6	75.99	101.63	106.09	101.76	103.47
17	400	131.6	75.99	102.37	110.06	106.11	104.52
18	450	131.6	75.99	104.45	106.95	108.49	107.23
19	500	131.6	75.99	103.66	106.67	102.86	109.65
20	550	131.6	75.99	105.11	108.85	105.55	107.33
21	600	131.6	75.99	105.97	111.05	105.63	106.29

Zf[Ohm]

No.	Freq [MHz]	Spec		WhBu	WhOg	WhGn	WhBn
		(Max)	(Min)	Pair 1	Pair 2	Pair 3	Pair 4
1	1	\	\	108.13	106.84	103.98	108.73
2	4	115	85	105.27	103.89	102.97	104.29
3	8	115	85	104.43	103.37	102.68	103.92
4	10	115	85	104.22	103.26	102.60	103.77
5	16	115	85	103.84	103.10	102.47	103.41
6	20	115	85	103.69	103.04	102.42	103.23
7	25	115	85	103.55	102.99	102.37	103.04
8	31.25	115	85	103.43	102.95	102.33	102.85
9	50	115	85	103.22	102.89	102.25	102.46
10	62.5	115	85	103.13	102.87	102.22	102.28
11	100	115	85	102.98	102.83	102.17	101.94
12	125	115	85	102.92	102.82	102.15	101.79
13	200	115	85	102.82	102.80	102.11	101.51
14	250	115	85	102.77	102.79	102.09	101.39
15	300	115	85	102.74	102.79	102.08	101.30
16	350	115	85	102.72	102.78	102.07	101.23
17	400	115	85	102.70	102.78	102.07	101.18
18	450	115	85	102.68	102.78	102.06	101.13
19	500	115	85	102.67	102.78	102.06	101.09
20	550	115	85	102.65	102.78	102.05	101.05
21	600	115	85	102.64	102.77	102.05	101.02

**R1 [dB]**

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	\	33.77	34.32	35.29	32.99
2	4	23.01	35.53	29.78	31.94	28.98
3	8	24.52	39.84	36.72	32.55	35.50
4	10	25	36.50	34.96	29.75	35.84
5	16	25	48.01	35.09	41.01	34.92
6	20	25	48.60	38.73	37.83	36.46
7	25	24.32	37.39	36.86	43.37	33.99
8	31.25	23.64	38.26	34.12	34.95	33.91
9	50	22.21	42.54	36.09	39.94	38.31
10	62.5	21.54	41.32	33.71	44.94	37.92
11	100	20.11	43.73	38.75	53.32	39.53
12	125	19.43	46.22	36.13	35.37	38.89
13	200	18	50.13	33.62	37.85	42.27
14	250	17.32	44.11	31.07	35.54	31.98
15	300	17.3	31.10	29.54	33.64	33.44
16	350	17.3	36.56	29.93	41.04	28.83
17	400	17.3	34.57	25.38	29.04	25.58
18	450	17.3	32.01	28.24	27.59	24.88
19	500	17.3	34.16	27.32	33.45	23.14
20	550	17.3	28.94	26.92	26.76	25.42
21	600	17.3	28.91	24.90	27.76	27.84

**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	\	104.09	110.72	107.79	107.15	107.20	114.64
2	4	78	111.13	101.57	112.14	99.57	104.38	105.66
3	8	78	107.26	108.04	112.24	98.13	108.03	115.46
4	10	78	109.12	101.29	103.87	100.07	108.46	113.12
5	16	78	107.54	108.56	120.10	95.96	108.80	102.66
6	20	78	104.58	113.36	114.94	100.54	106.87	112.36
7	25	78	108.06	111.34	106.02	97.29	115.01	105.52
8	31.25	78	103.66	109.07	112.56	97.26	108.05	110.61
9	50	76.92	101.08	105.78	112.02	98.88	111.83	110.62
10	62.5	75.46	106.03	116.46	109.78	100.04	114.41	116.60
11	100	72.4	111.17	105.16	109.09	113.67	111.00	105.80
12	125	70.95	105.47	118.59	102.25	112.17	116.44	114.70
13	200	67.88	104.10	104.94	109.71	109.19	106.31	104.74
14	250	66.43	101.29	112.23	102.93	108.12	103.83	109.66
15	300	65.24	112.65	102.78	102.51	116.77	104.29	91.52
16	350	64.24	100.62	100.56	94.37	111.76	97.05	86.92
17	400	63.37	97.23	96.42	100.55	97.36	92.94	78.62
18	450	62.6	97.78	104.55	97.32	100.10	104.18	86.35
19	500	61.92	107.43	103.00	109.28	97.57	94.84	80.31
20	550	61.29	98.26	109.55	96.03	99.90	91.87	81.65
21	600	60.73	98.59	98.23	100.04	95.53	96.10	80.81

**PsNext [dB@100m]**

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	\	101.93	101.12	105.06	104.07
2	4	75	100.77	98.09	96.83	101.53
3	8	75	103.50	97.24	97.43	104.90
4	10	75	98.94	99.01	97.50	102.18
5	16	75	104.75	95.46	94.82	101.14
6	20	75	102.68	98.14	99.79	104.21
7	25	75	103.17	96.67	96.38	101.96
8	31.25	75	101.85	95.97	96.69	105.21
9	50	73.92	99.26	96.60	97.53	106.17
10	62.5	72.46	103.75	98.79	99.76	107.62
11	100	69.4	102.39	105.39	101.87	102.78
12	125	67.95	98.94	104.18	108.07	101.34
13	200	64.88	100.78	101.24	100.85	101.37
14	250	63.43	98.47	98.70	104.67	99.84
15	300	62.24	99.13	103.45	91.19	90.62
16	350	61.24	92.55	94.77	86.70	85.80
17	400	60.37	92.72	90.53	78.47	78.43
18	450	59.6	93.86	94.38	85.98	85.92
19	500	58.92	100.70	92.69	80.17	80.15
20	550	58.29	93.53	90.21	81.53	81.08
21	600	57.73	94.12	91.78	80.59	80.63

**E1Fext [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	\	102.20	100.18	111.20	103.19	122.27	105.41
2	4	78	105.06	94.48	98.40	96.28	107.05	103.34
3	8	77.24	105.33	100.03	100.53	90.02	107.41	101.94
4	10	75.3	103.05	100.42	98.82	88.76	104.15	108.46
5	16	71.22	96.57	93.97	108.98	85.10	113.98	96.86
6	20	69.28	99.23	92.39	104.10	81.93	96.72	107.71
7	25	67.34	95.58	87.06	101.60	79.73	97.76	98.14
8	31.25	65.4	88.95	85.95	107.27	77.49	97.93	100.84
9	50	61.32	85.42	86.42	105.99	73.32	90.01	95.31
10	62.5	59.38	85.10	82.12	108.91	70.92	91.77	92.28
11	100	55.3	95.03	79.56	90.79	67.05	95.54	95.29
12	125	53.36	89.57	75.13	85.25	65.31	81.40	76.42
13	200	49.28	72.76	68.31	81.20	61.80	83.14	71.31
14	250	47.34	63.86	70.88	76.26	59.58	71.76	64.51
15	300	45.76	54.32	67.55	68.58	58.58	65.30	61.34
16	350	44.42	54.49	63.61	62.41	58.22	69.06	58.10
17	400	43.26	54.72	64.13	67.41	54.38	66.97	68.68
18	450	42.24	53.47	71.77	61.97	55.09	67.77	71.09
19	500	41.32	54.47	59.82	65.19	52.49	62.32	59.79
20	550	40.49	51.55	60.22	55.73	53.53	61.19	56.90
21	600	39.74	50.62	53.74	55.21	50.51	59.30	56.65

**PsE1Fext [dB@100m]**

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	\	97.86	99.63	97.63	104.33
2	4	75	92.74	95.43	91.94	96.76
3	8	74.24	96.11	89.65	89.33	97.35
4	10	72.3	95.50	88.48	88.43	97.21
5	16	68.22	91.95	84.79	84.31	96.40
6	20	66.28	91.12	81.67	81.53	95.53
7	25	64.34	86.27	79.53	78.94	94.07
8	31.25	62.4	84.06	77.15	76.90	93.82
9	50	58.32	82.77	72.97	73.06	87.99
10	62.5	56.38	80.19	70.71	70.57	88.87
11	100	52.3	78.87	67.01	66.80	88.34
12	125	50.36	74.27	65.16	64.58	74.66
13	200	46.28	66.74	61.41	60.53	70.57
14	250	44.34	62.81	57.98	58.12	63.48
15	300	42.76	53.93	52.64	56.33	59.23
16	350	41.42	53.35	52.58	54.31	56.32
17	400	40.26	54.05	51.38	53.78	62.71
18	450	39.24	52.84	51.09	54.86	60.44
19	500	38.32	52.94	49.98	50.96	56.51
20	550	37.49	49.67	49.12	51.06	52.40
21	600	36.74	47.99	47.28	48.16	51.97