Test Information

Test Time : 2020/07/14 12:28:51	Temperature:20C
Standard:TIA/EIA-568-C.2 Cat6	Test Result:Pass
Cable Length:100m	Cable Type:UTP4PX0.55
Cable drum:D080	Cable ID:

Test Result List

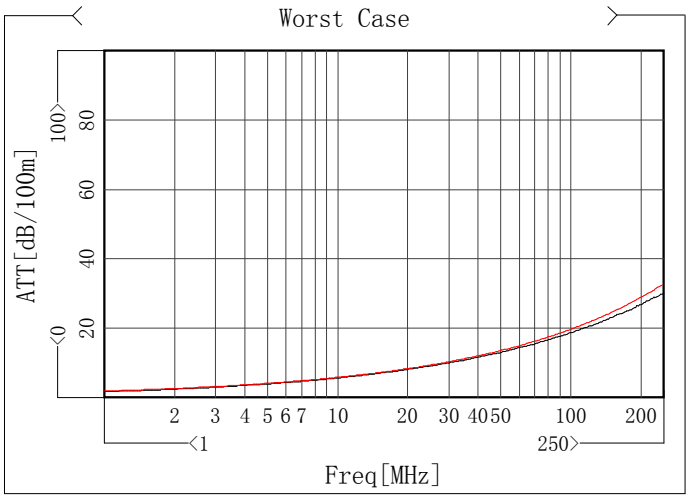
Test Item	Unit	Test Result
ATT	dB/100m	Pass
DOP	ns/100m	Pass
Vop	%C	Pass
SKW	nS/100m	Pass
Zin	Ohm	Pass
RL	dB	Pass
NEXT	dB@100m	Pass
PSNEXT	dB@100m	Pass
ACRF	dB@100m	Pass
PSACRF	dB@100m	Pass

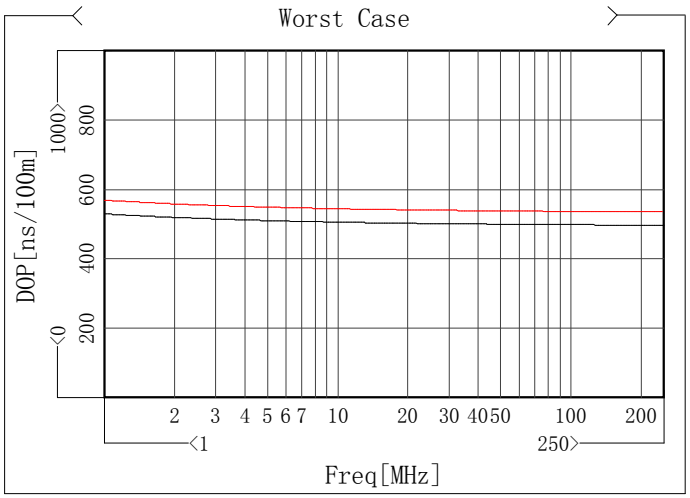
Inspector:_____ Assessor :_____

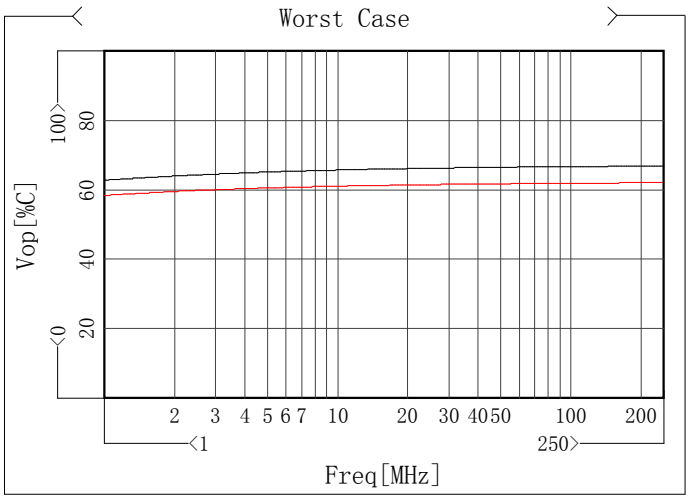
Date :_____ Date :_____

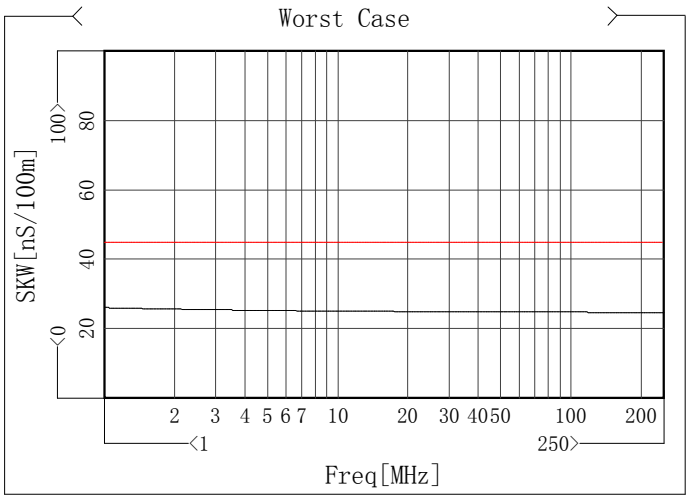
Worst Summary Of High Freq Parameter

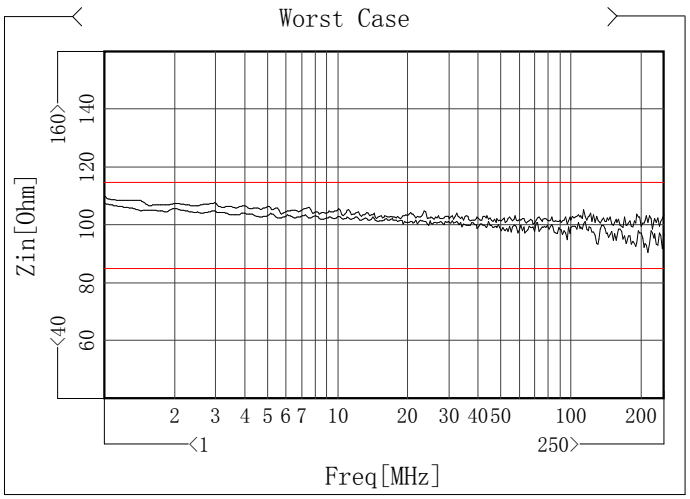
Item	Max	Freq[MHz]	Spec	Margin	Min	Freq[MHz]	Spec	Margin
✔ ATT[dB/100m]	4.16	5.264	4.32	0.16	/	/	/	/
✔ DOP[ns/100m]	498.05	244.086	536.3	38.25	/	/	/	/
✔ Vop[%C]	/	/	/	/	63.07	1.13	58.72	4.35
✔ SKW[nS/100m]	26.17	1.016	45	18.83	/	/	/	/
✔ Zin[Ohm]	110.31	1	115	4.69	90.49	217.476	85	5.49
✔ RL[dB]	/	/	/	/	24.07	1.483	20.86	3.21

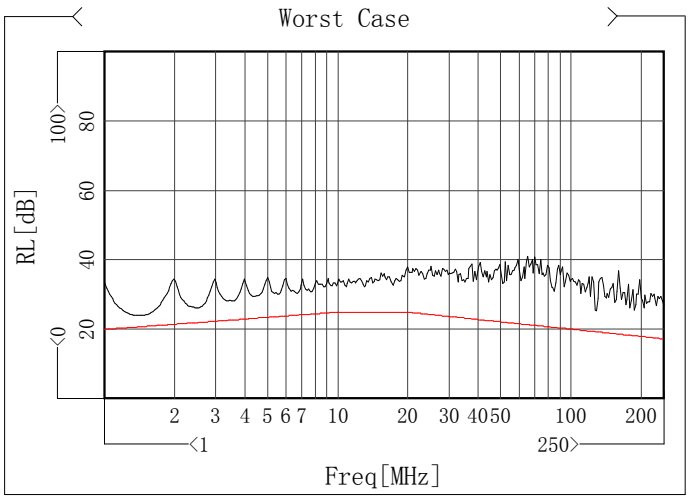






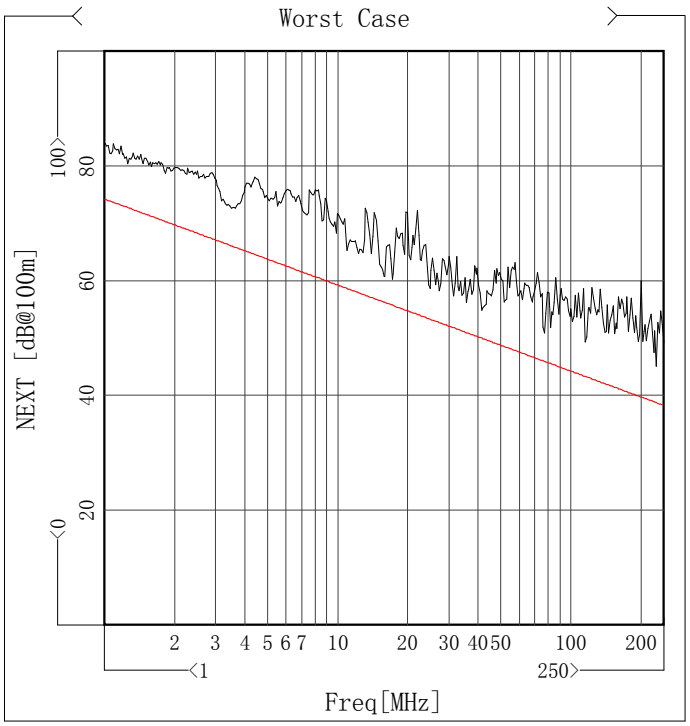


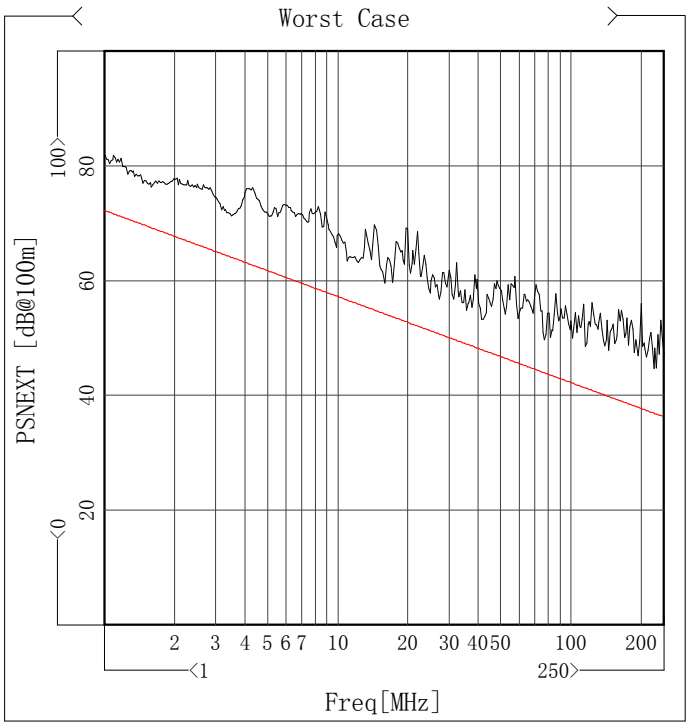


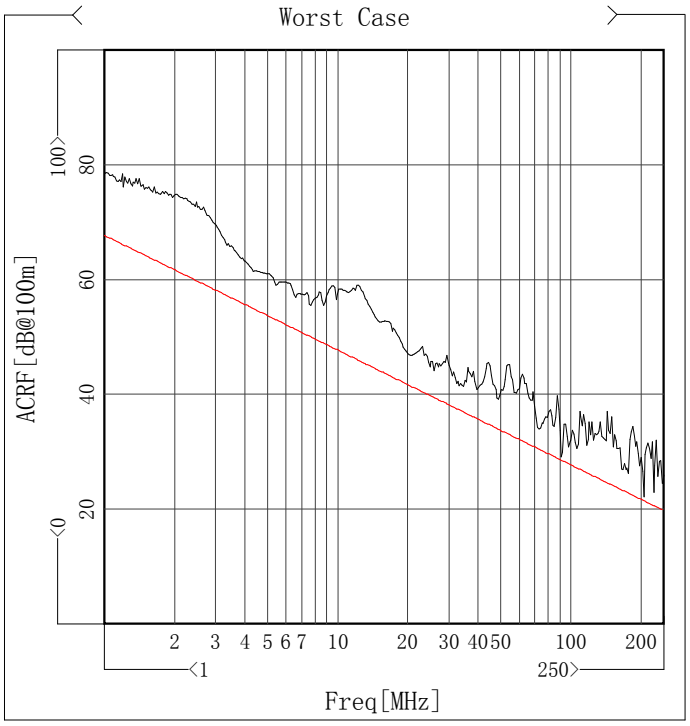


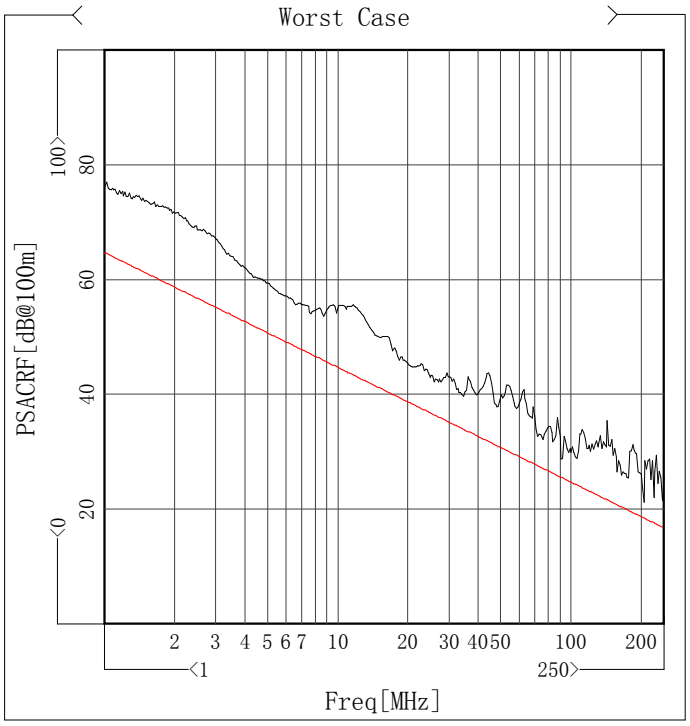
Worst Summary Of High Freq Parameter(2)

Item	Min	Freq[MHz]	Spec	Margin
✔ NEXT [dB@100m]	60.22	17.309	55.73	4.49
✔ PSNEXT [dB@100m]	53.25	42.08	47.94	5.31
✔ ACRF[dB@100m]	29.62	91.588	28.56	1.06
✔ PSACRF[dB@100m]	21.31	208.605	18.41	2.9



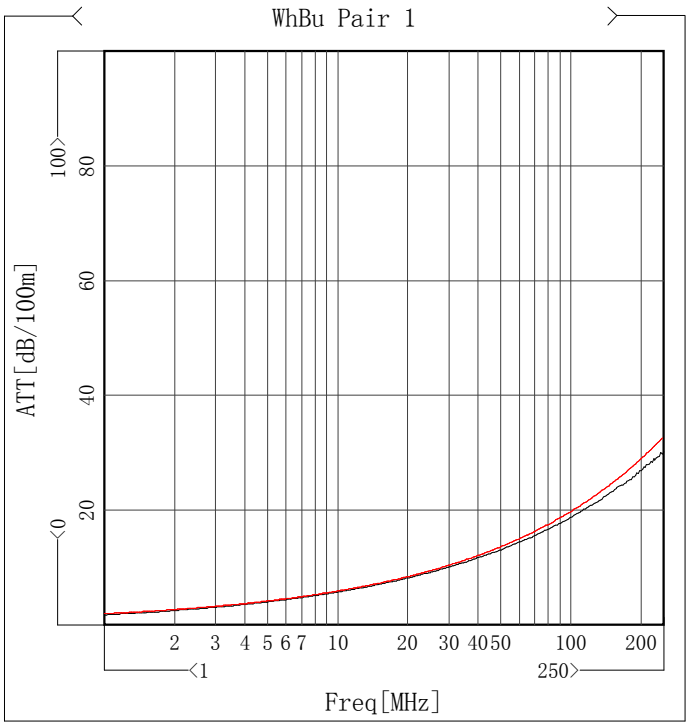


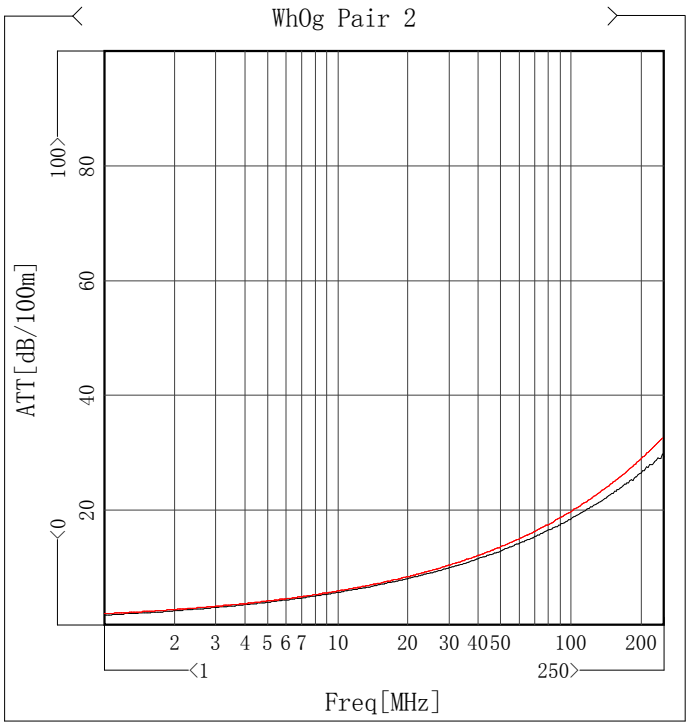


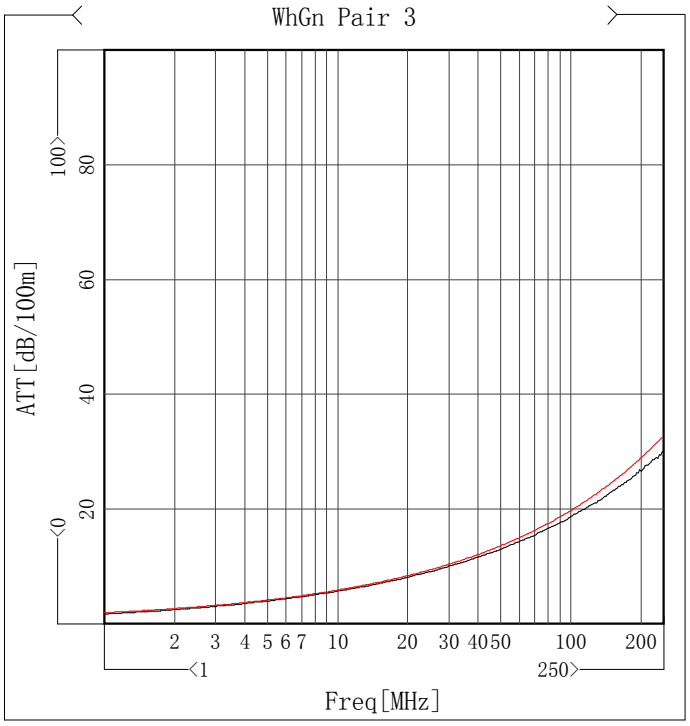


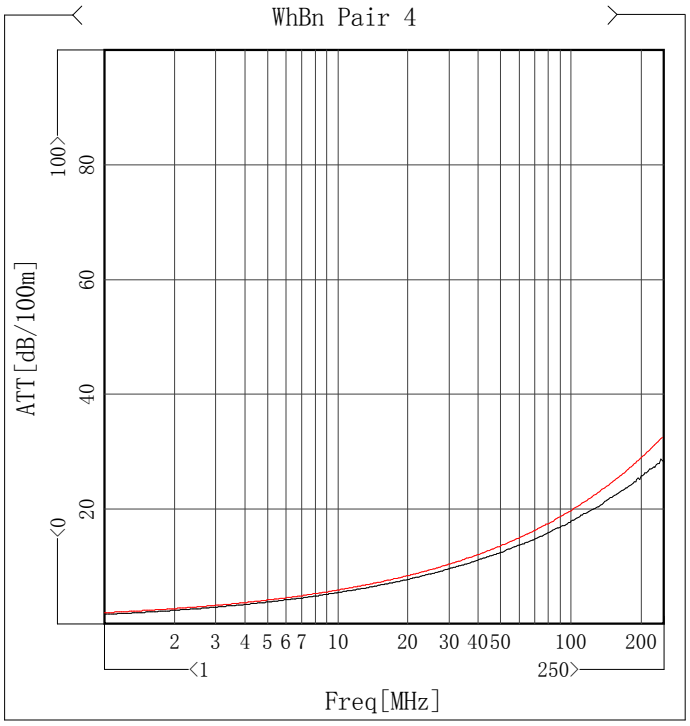
ATT

Item	Max [dB/100m]	Freq[MHz]	Spec [dB/100m]	Margin [dB/100m]
✔ WhBu Pair 1	4.16	5.264	4.32	0.16
✔ WhOg Pair 2	3.22	3.266	3.43	0.21
✔ WhGn Pair 3	3.26	3.266	3.43	0.17
✔ WhBn Pair 4	2.02	1.374	2.31	0.29



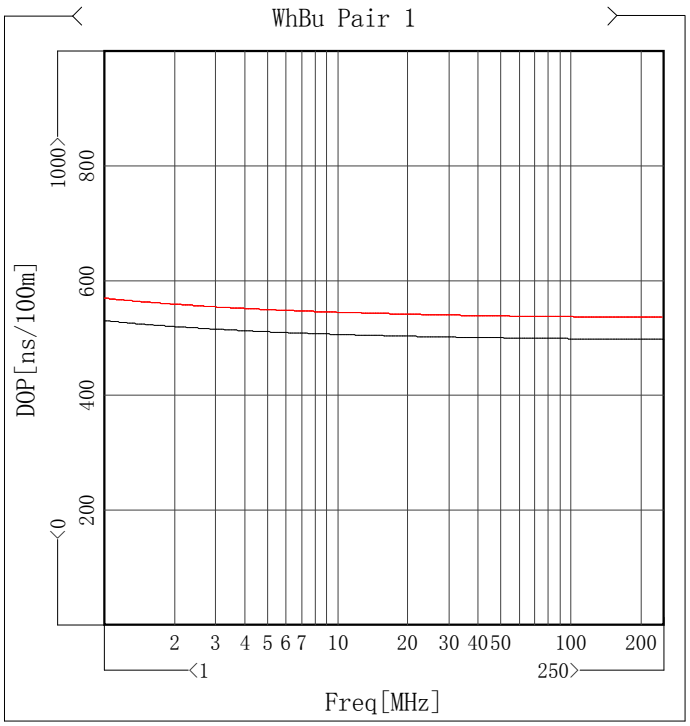


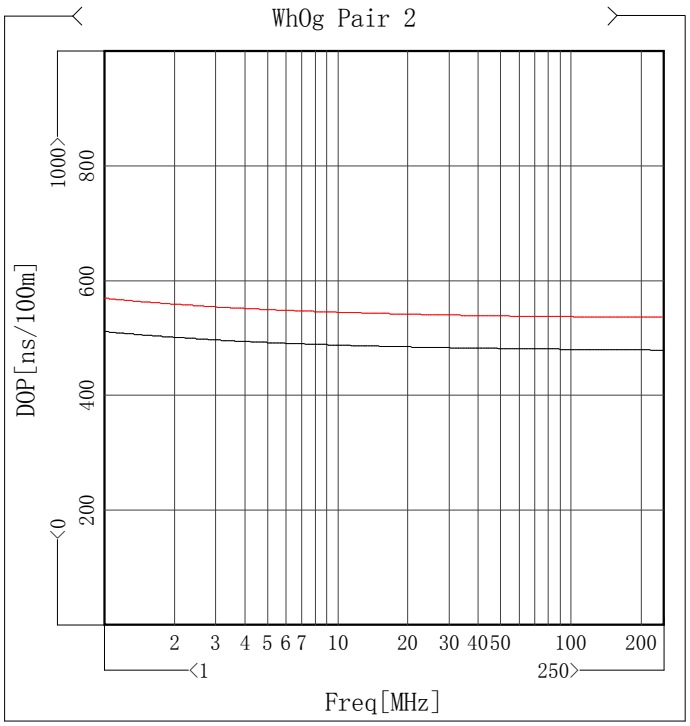


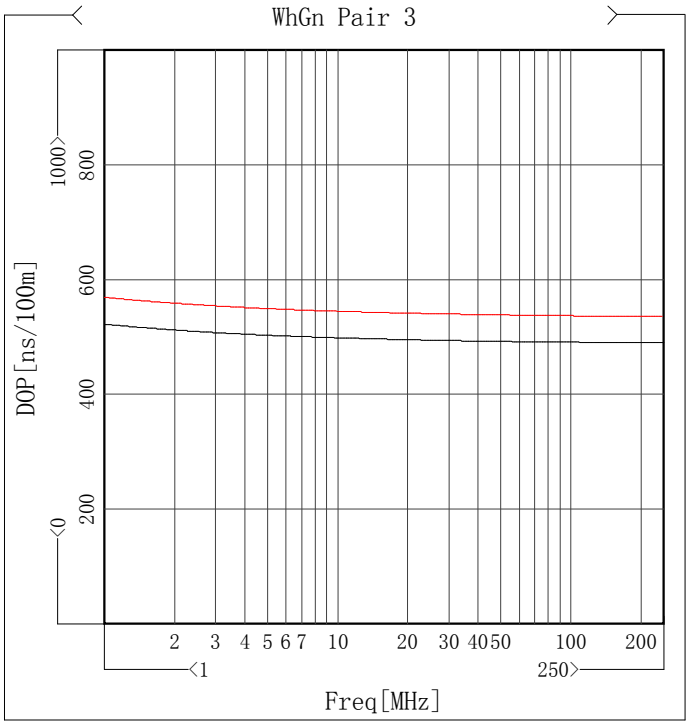


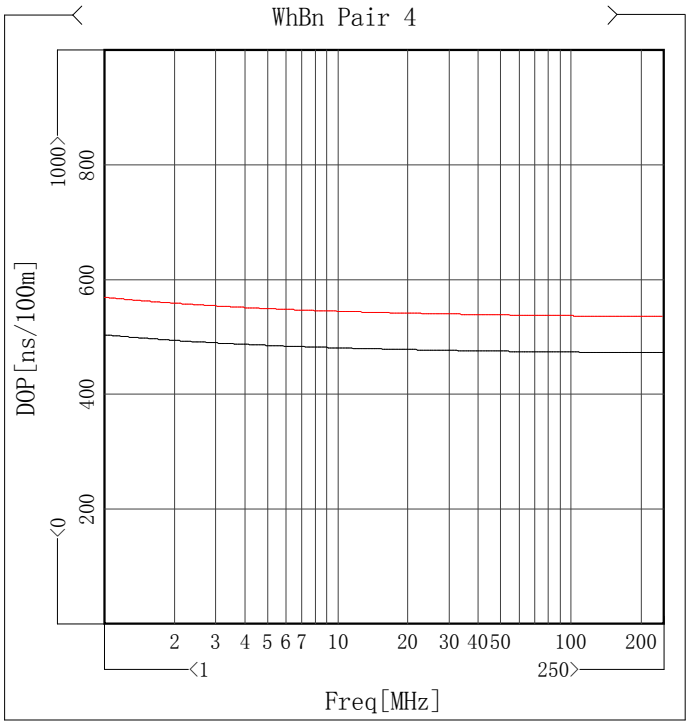
DOP

Item	Max [ns/100m]	Freq[MHz]	Spec [ns/100m]	Margin [ns/100m]
✔ WhBu Pair 1	498.05	244.086	536.3	38.25
✔ WhOg Pair 2	479.46	244.086	536.3	56.84
✔ WhGn Pair 3	490.39	232.259	536.36	45.97
✔ WhBn Pair 4	473.24	247.043	536.29	63.05



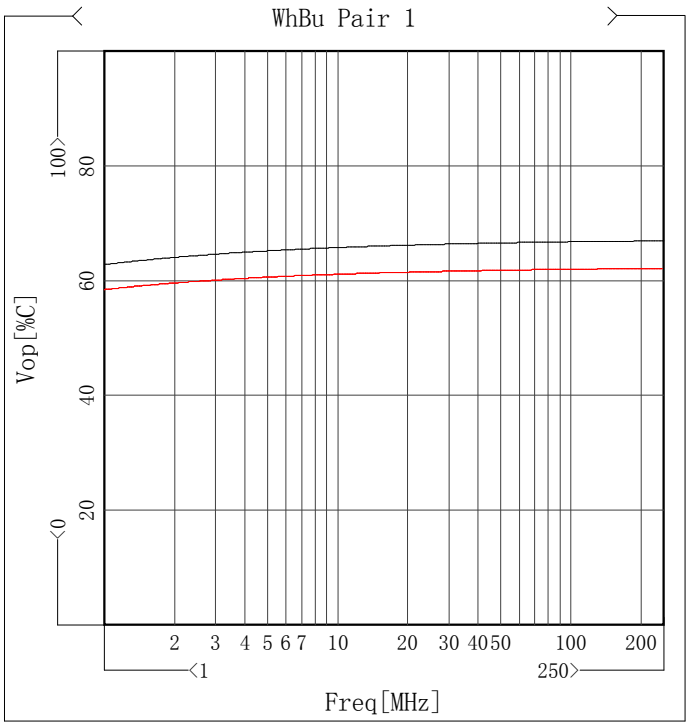


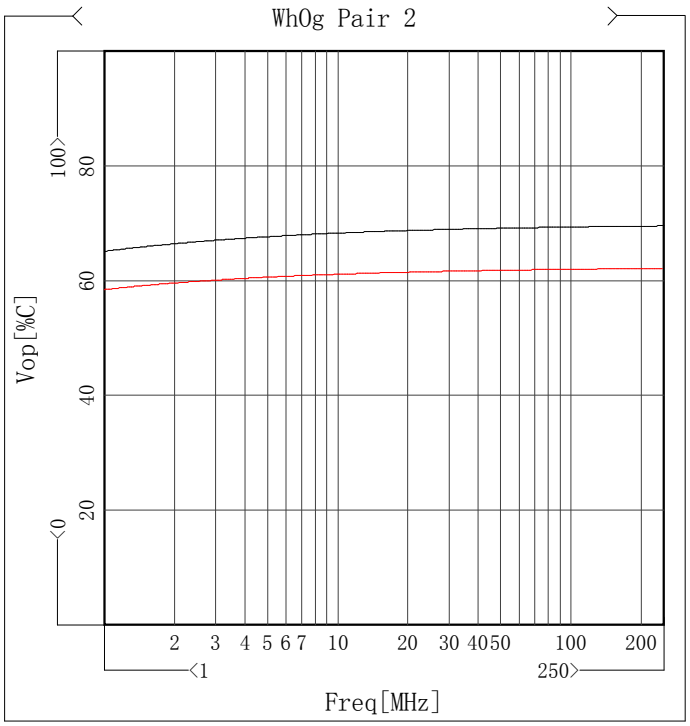


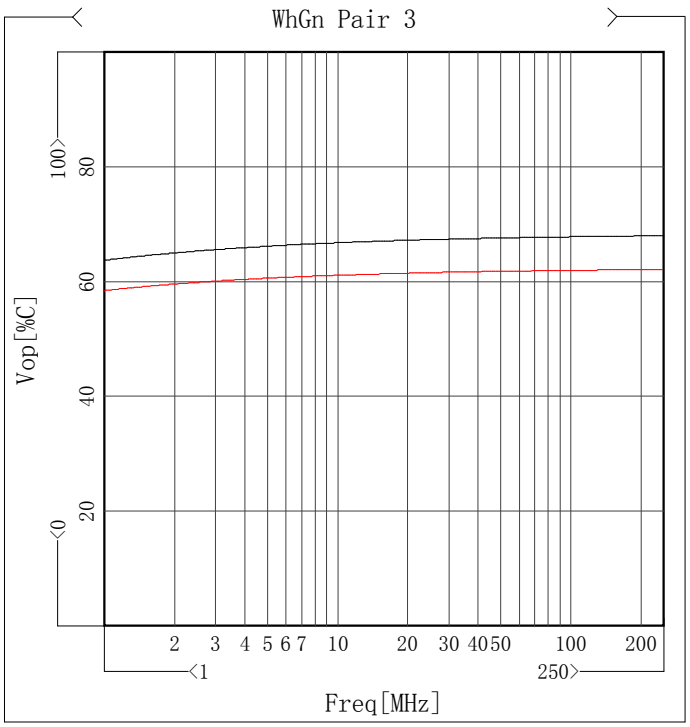


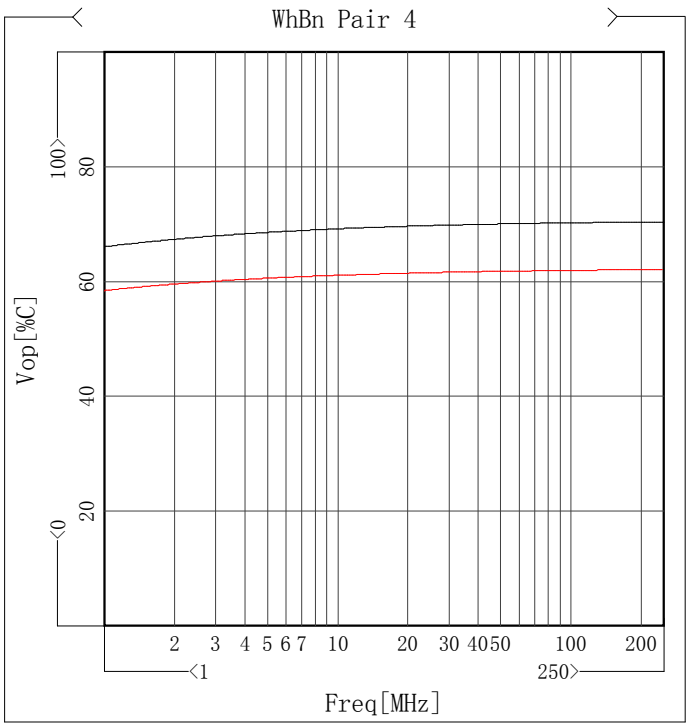
Vop

Item	Min [%C]	Freq[MHz]	Spec [%C]	Margin [%C]
✔ WhBu Pair 1	63.07	1.13	58.72	4.35
✔ WhOg Pair 2	65.27	1.065	58.61	6.66
✔ WhGn Pair 3	64	1.13	58.72	5.28
✔ WhBn Pair 4	66.23	1.065	58.61	7.62



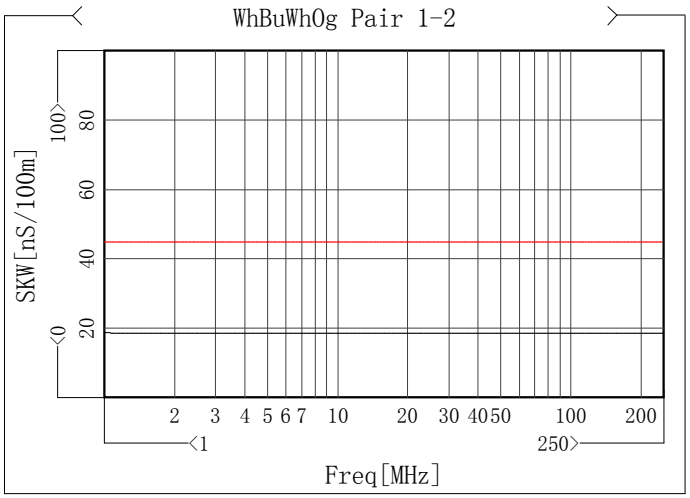


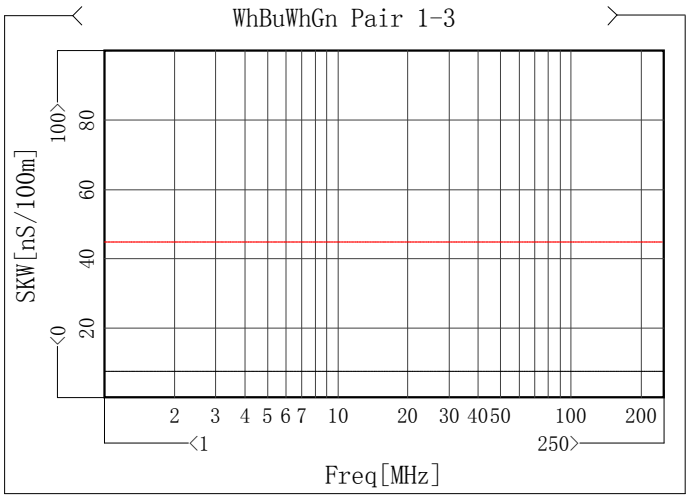


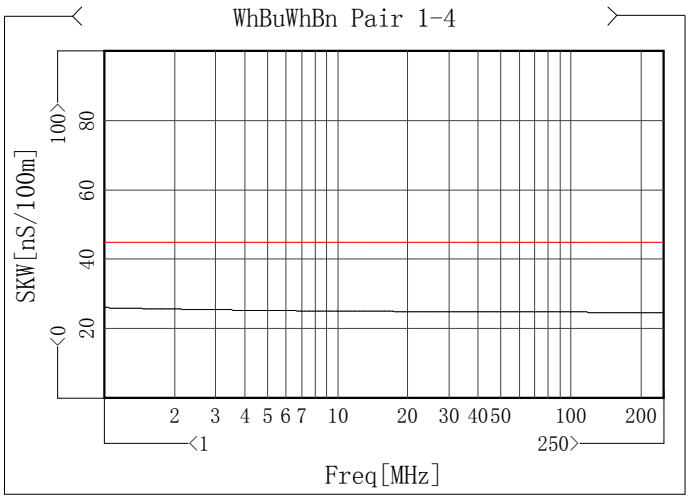


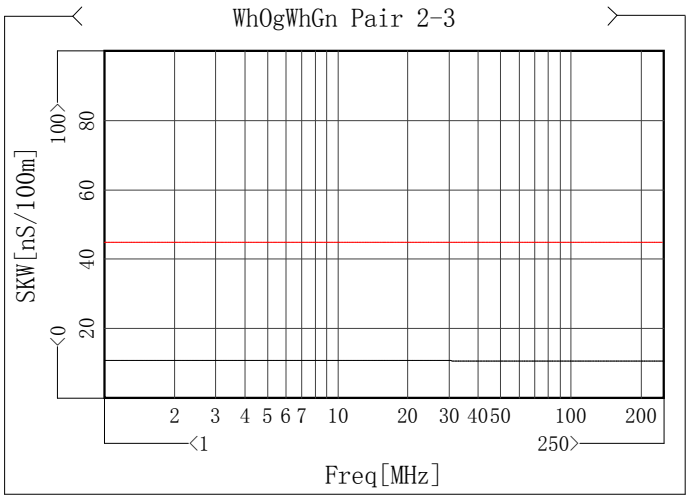
SKW

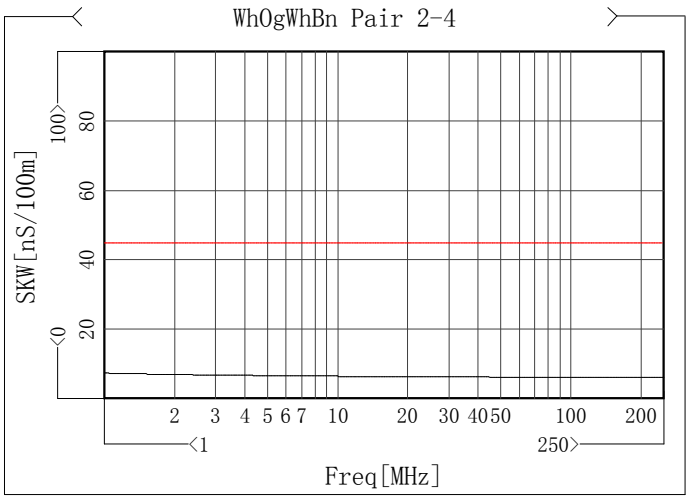
Item	Max [nS/100m]	Freq[MHz]	Spec [nS/100m]	Margin [nS/100m]
✔ WhBuWhOg Pair 1-2	18.74	1.081	45	26.26
✔ WhBuWhGn Pair 1-3	7.72	250	45	37.28
✔ WhBuWhBn Pair 1-4	26.17	1.016	45	18.83
✔ WhOgWhGn Pair 2-3	11.08	1.016	45	33.92
✔ WhOgWhBn Pair 2-4	7.44	1	45	37.56
✔ WhGnWhBn Pair 3-4	18.52	1	45	26.48

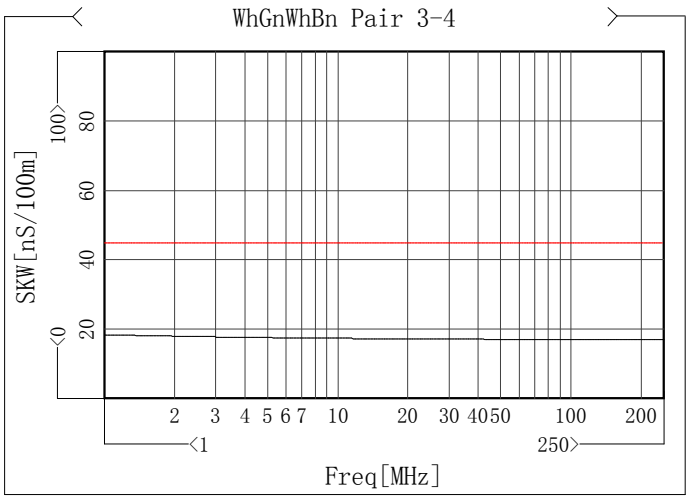






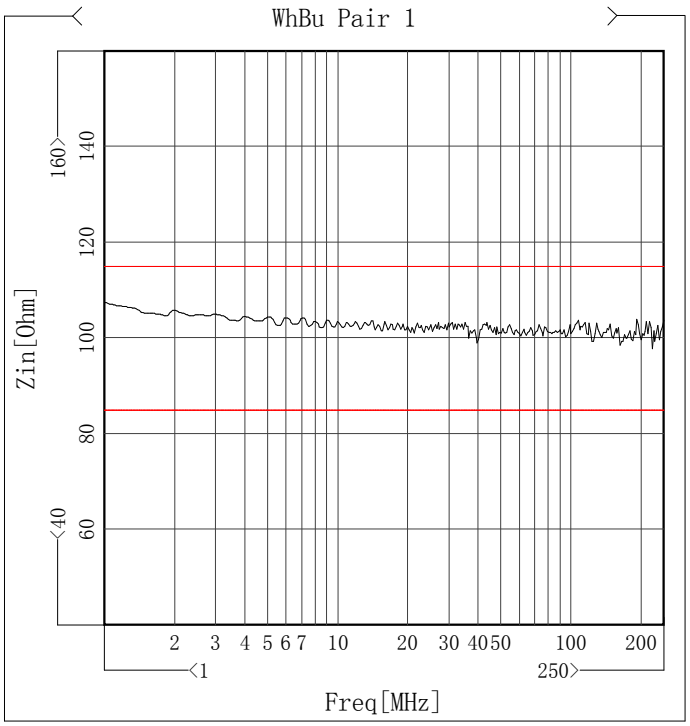


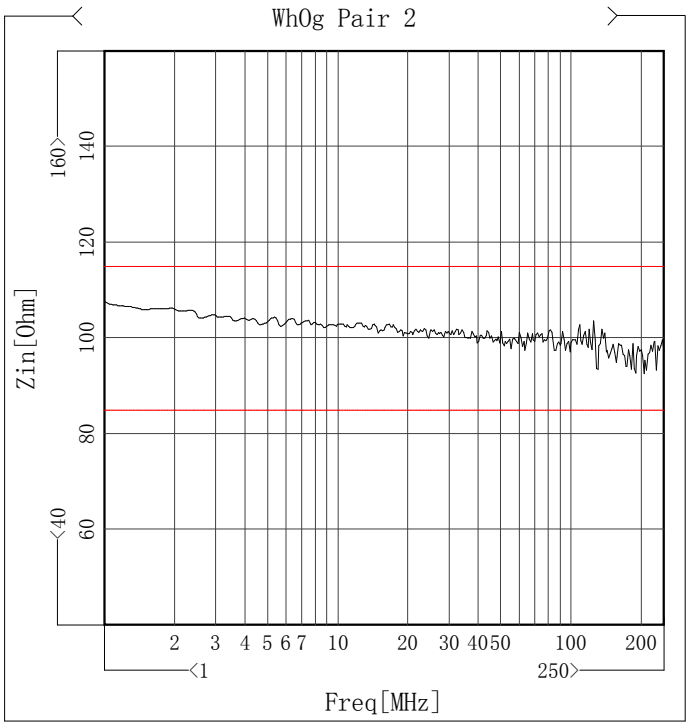


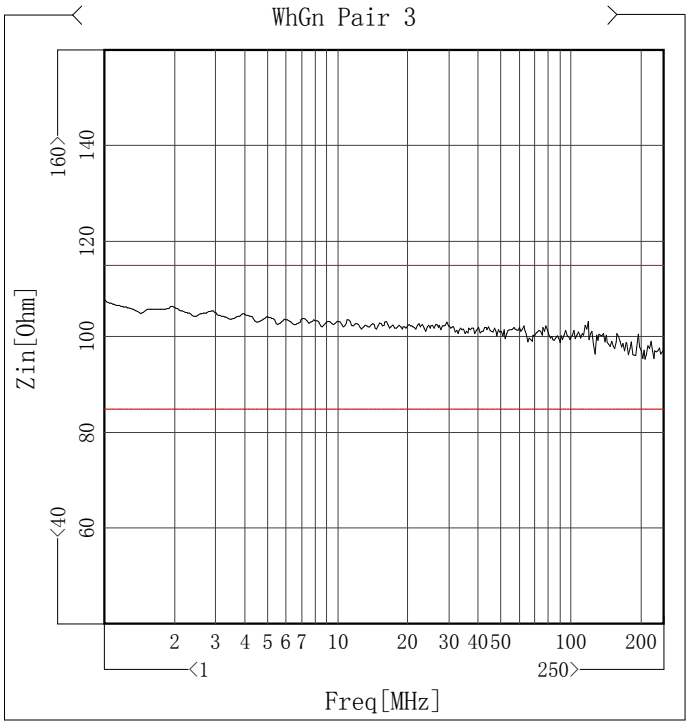


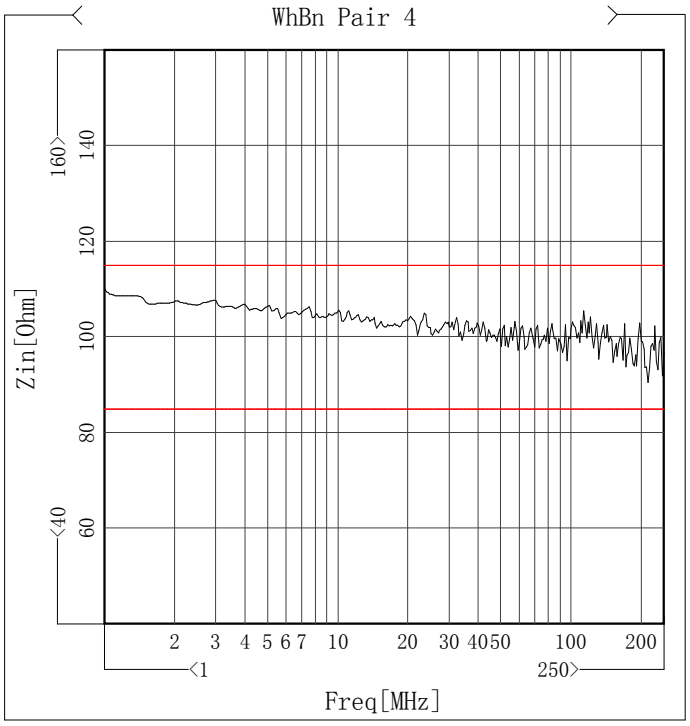
Zin

Item	Max [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]	Min [Ohm]	Freq[MHz]	Spec [Ohm]	Margin [Ohm]
✔ WhBu Pair 1	107.57	1	115	7.43	97.86	226.346	85	12.86
✔ WhOg Pair 2	107.94	1	115	7.06	92.54	208.605	85	7.54
✔ WhGn Pair 3	107.91	1	115	7.09	95.45	211.562	85	10.45
✔ WhBn Pair 4	110.31	1	115	4.69	90.49	217.476	85	5.49



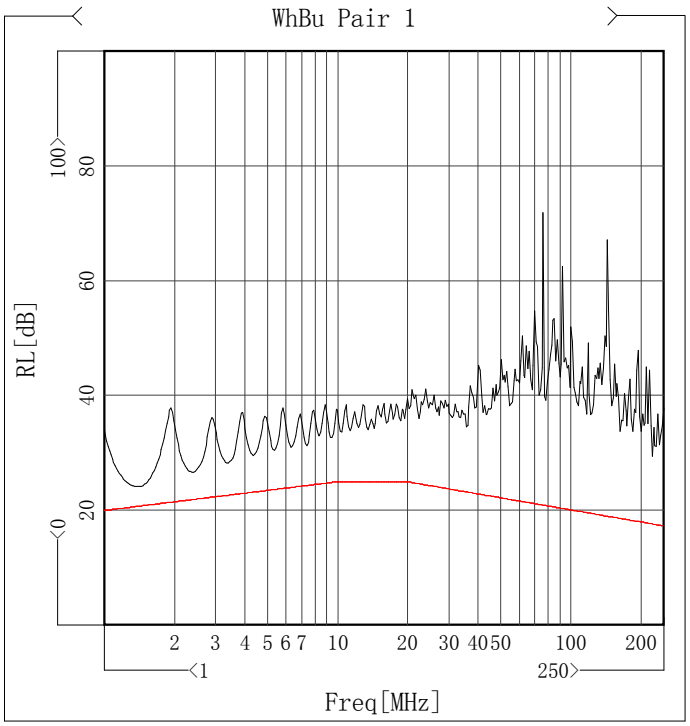


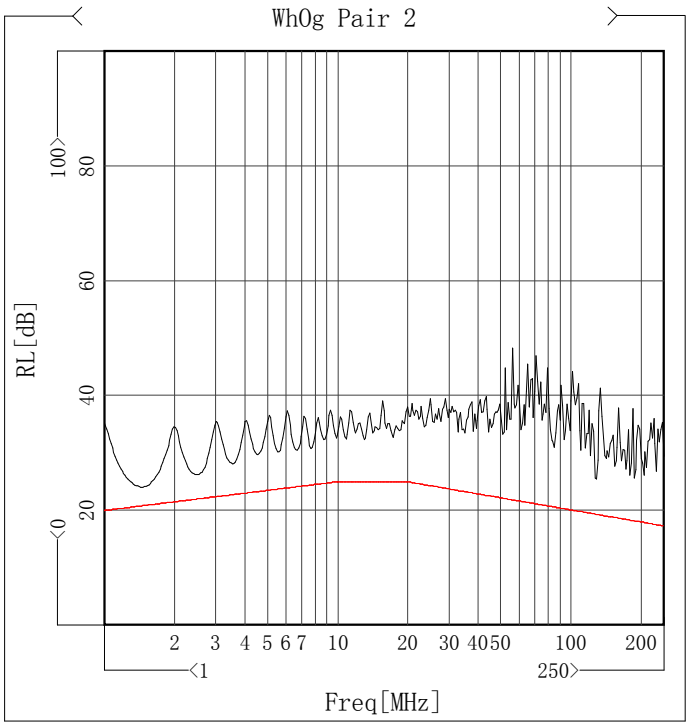


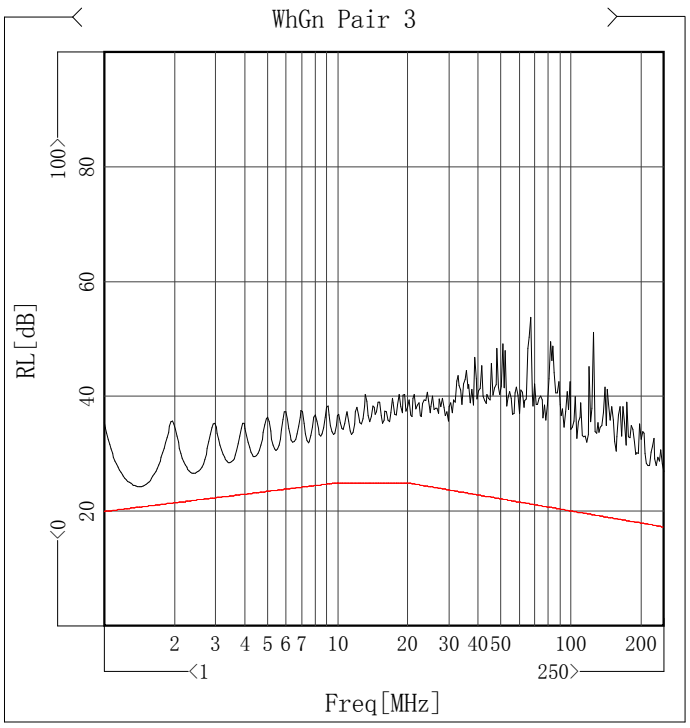


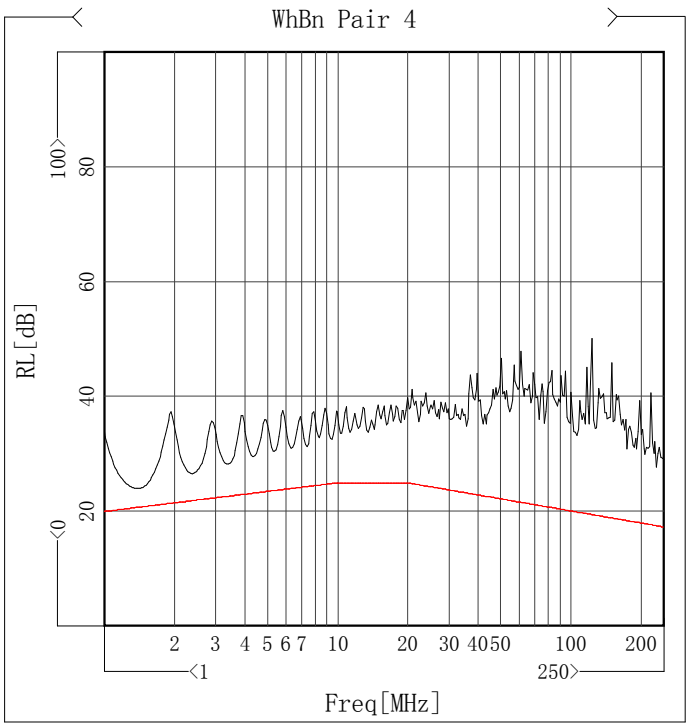
RL

Item	Min [dB]	Freq[MHz]	Spec [dB]	Margin [dB]
✔ WhBu Pair 1	24.11	1.415	20.75	3.36
✔ WhOg Pair 2	24.07	1.483	20.86	3.21
✔ WhGn Pair 3	24.33	1.438	20.79	3.54
✔ WhBn Pair 4	24.02	1.438	20.79	3.23



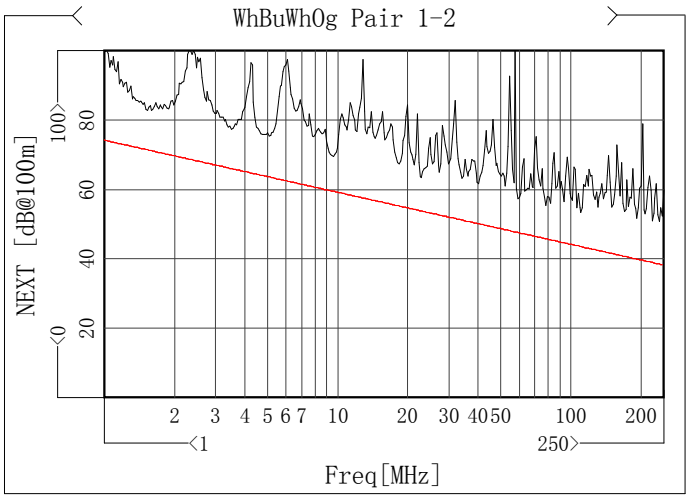


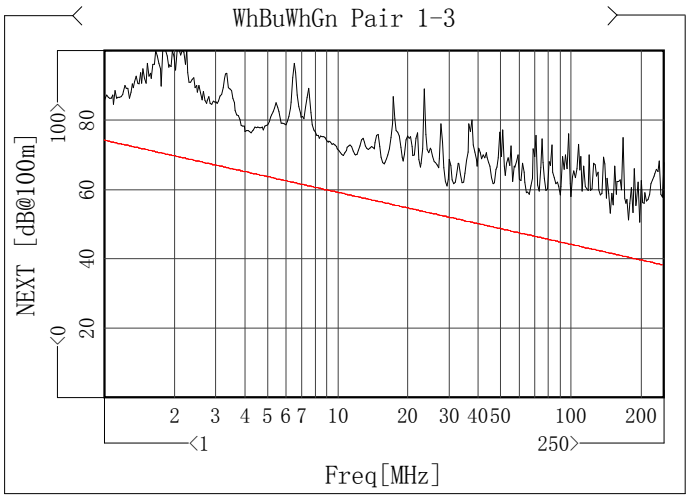


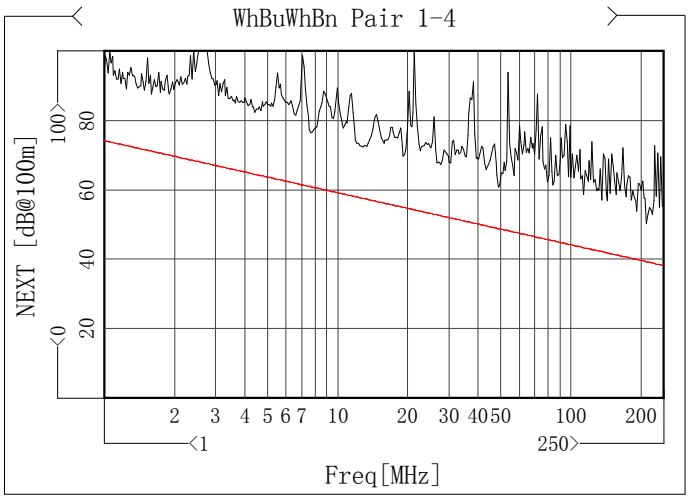


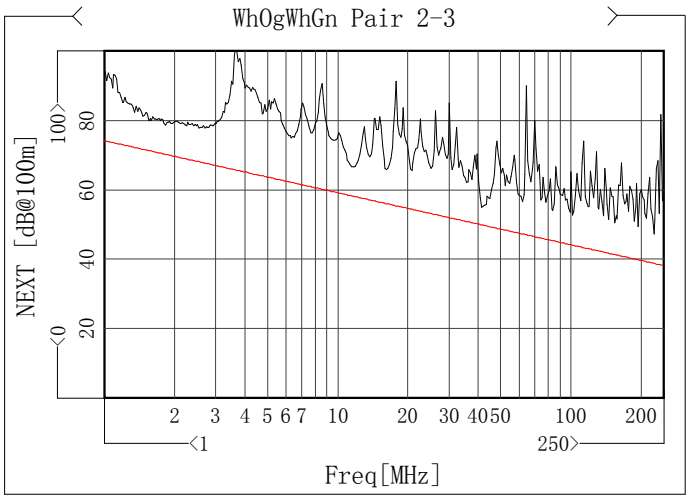
NEXT

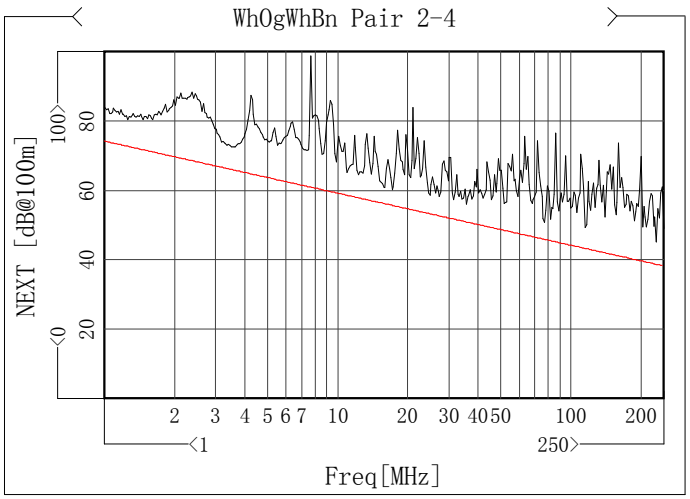
Item	Min [dB@100m]	Freq[MHz]	Spec [dB@100m]	Margin [dB@100m]
✔ WhBuWhOg Pair 1-2	55.43	79.302	45.81	9.62
✔ WhBuWhGn Pair 1-3	61.03	29.761	52.2	8.83
✔ WhBuWhBn Pair 1-4	50.46	214.519	39.33	11.13
✔ WhOgWhGn Pair 2-3	54.92	42.08	49.94	4.98
✔ WhOgWhBn Pair 2-4	60.22	17.309	55.73	4.49
✔ WhGnWhBn Pair 3-4	59.49	38.02	50.6	8.89

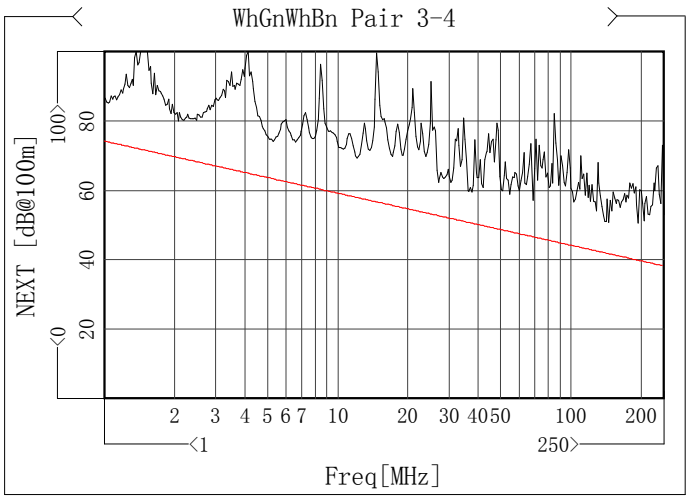






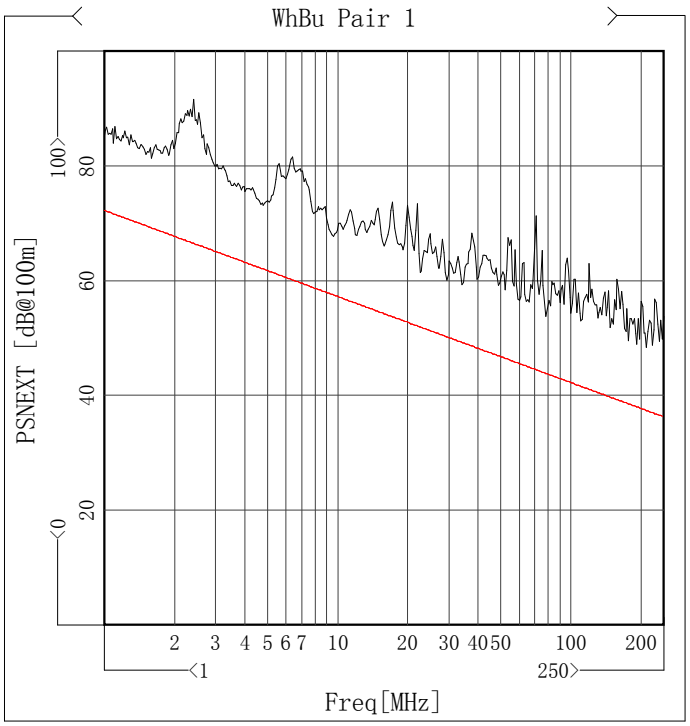


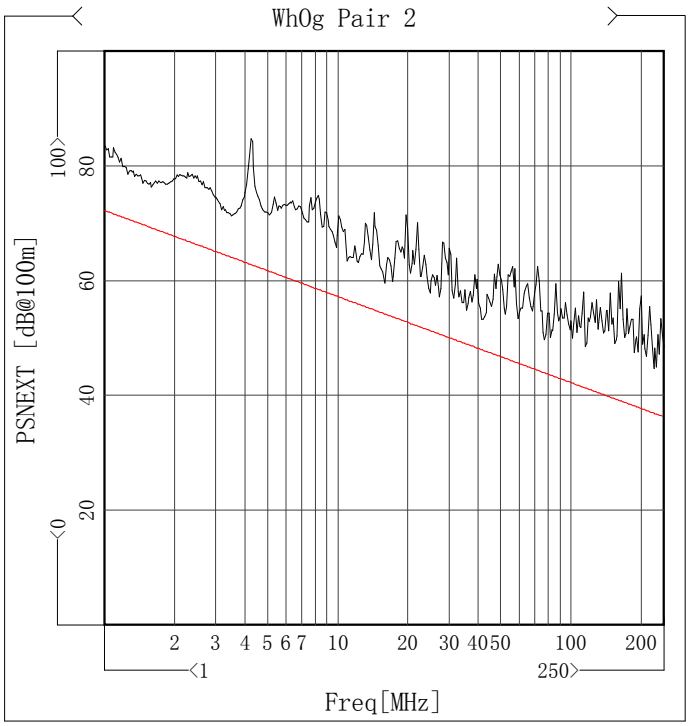


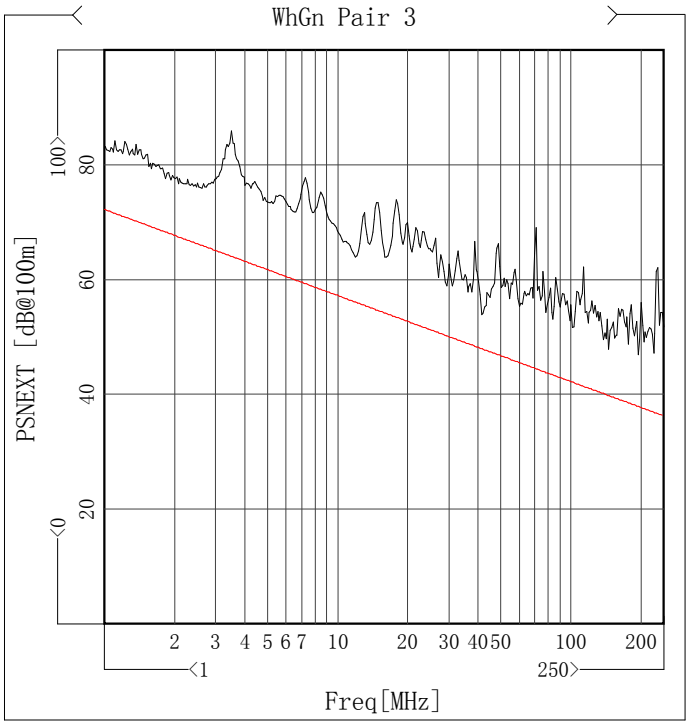


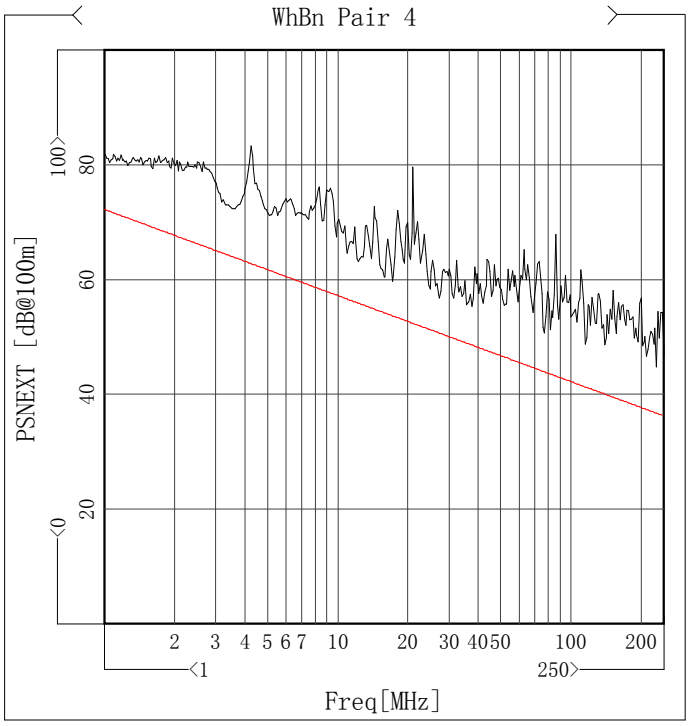
PSNEXT

Item	Min [dB@100m]	Freq[MHz]	Spec [dB@100m]	Margin [dB@100m]
✔ WhBu Pair 1	61.42	22.904	51.9	9.52
✔ WhOg Pair 2	53.25	42.08	47.94	5.31
✔ WhGn Pair 3	53.99	42.08	47.94	6.05
✔ WhBn Pair 4	59.71	17.309	53.73	5.98



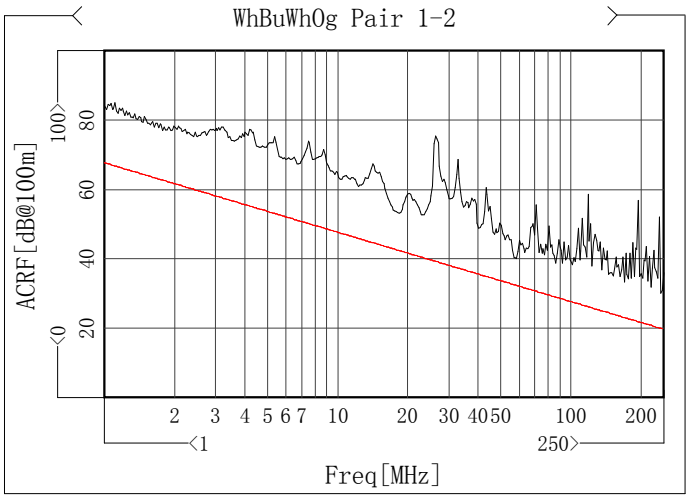


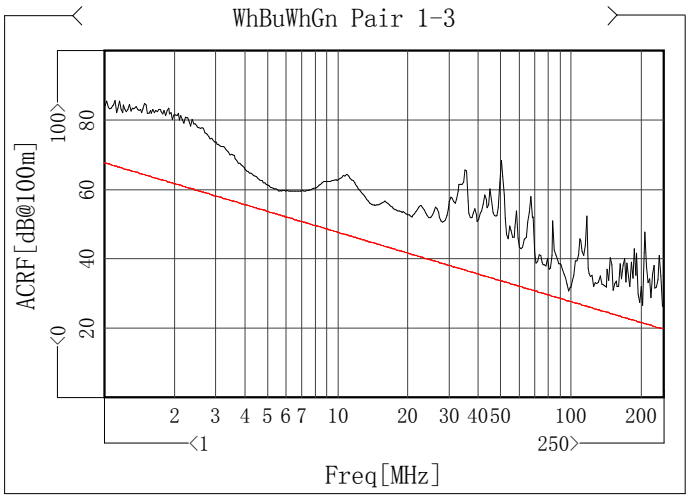


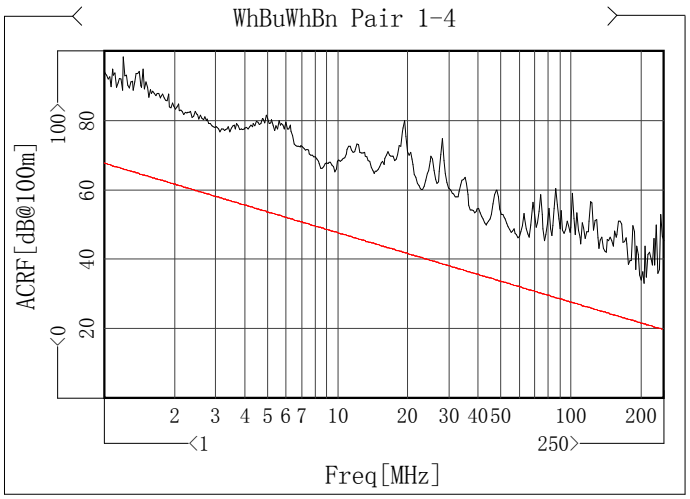


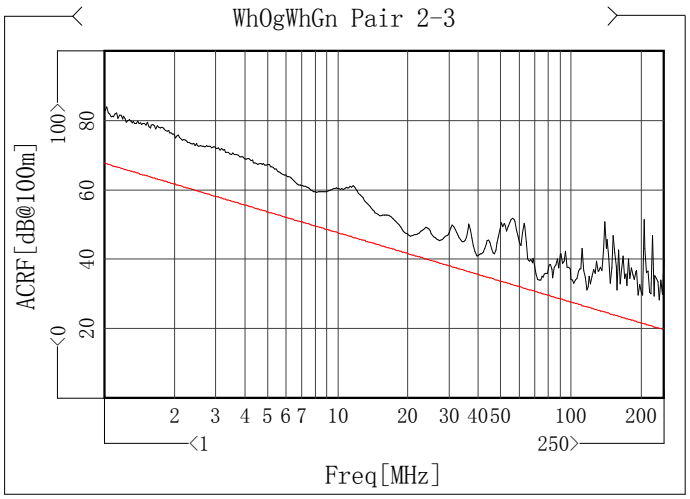
ACRF

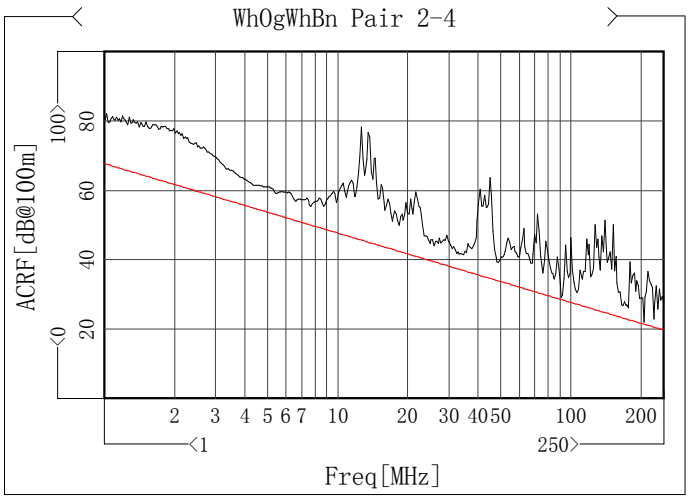
Item	Min [dB@100m]	Freq[MHz]	Spec [dB@100m]	Margin [dB@100m]
✔ WhBuWhOg Pair 1-2	40.43	57.799	32.56	7.87
✔ WhBuWhGn Pair 1-3	30.91	98.217	27.96	2.95
✔ WhBuWhBn Pair 1-4	33.17	208.605	21.41	11.76
✔ WhOgWhGn Pair 2-3	34.08	73.718	30.45	3.63
✔ WhOgWhBn Pair 2-4	29.62	91.588	28.56	1.06
✔ WhGnWhBn Pair 3-4	24.55	247.043	19.94	4.61

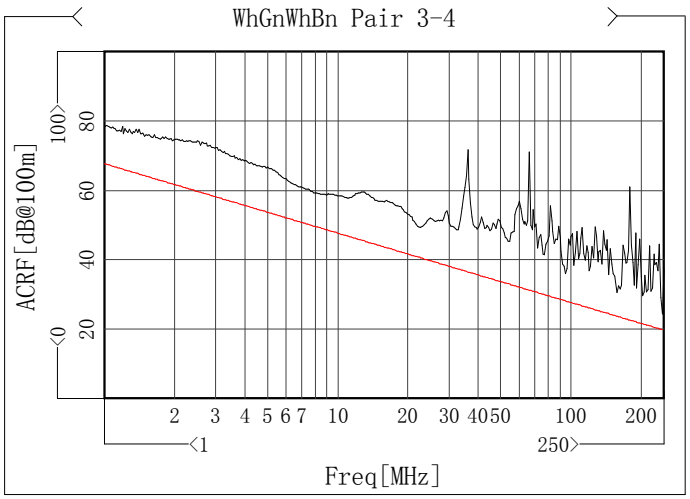






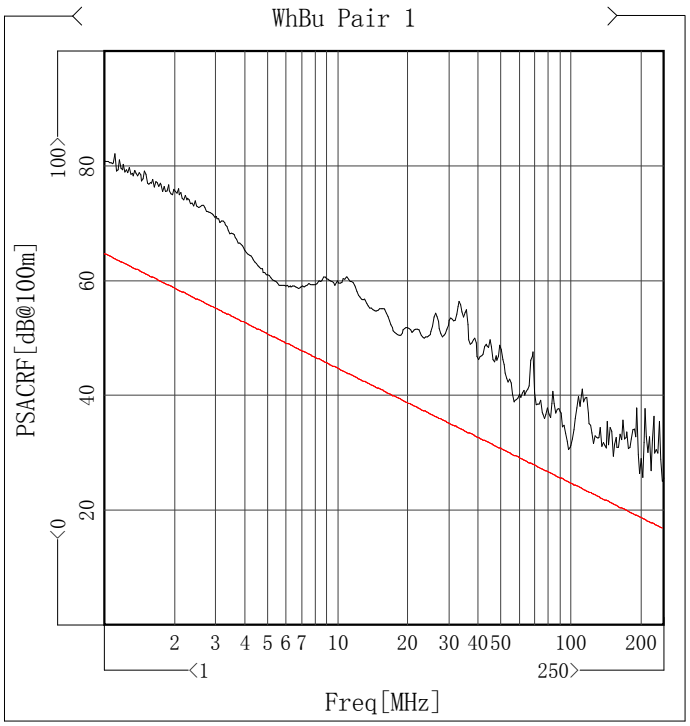


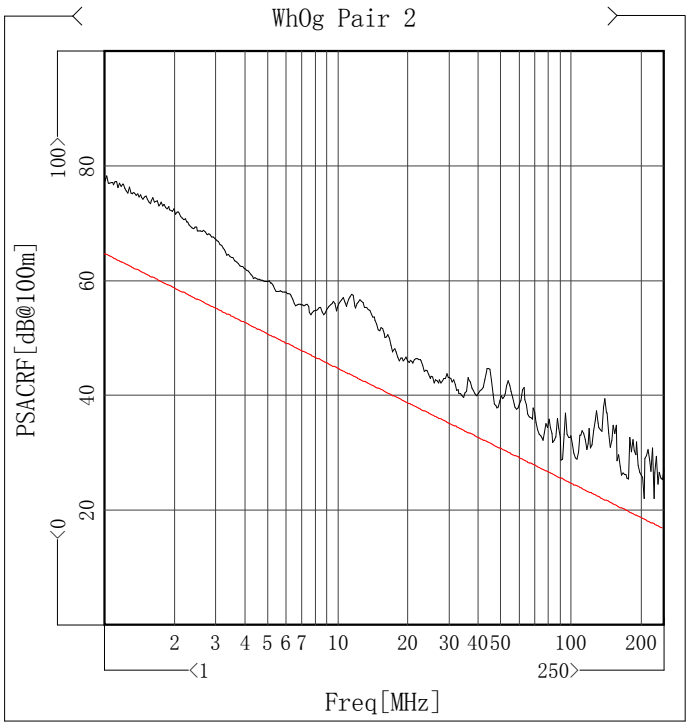


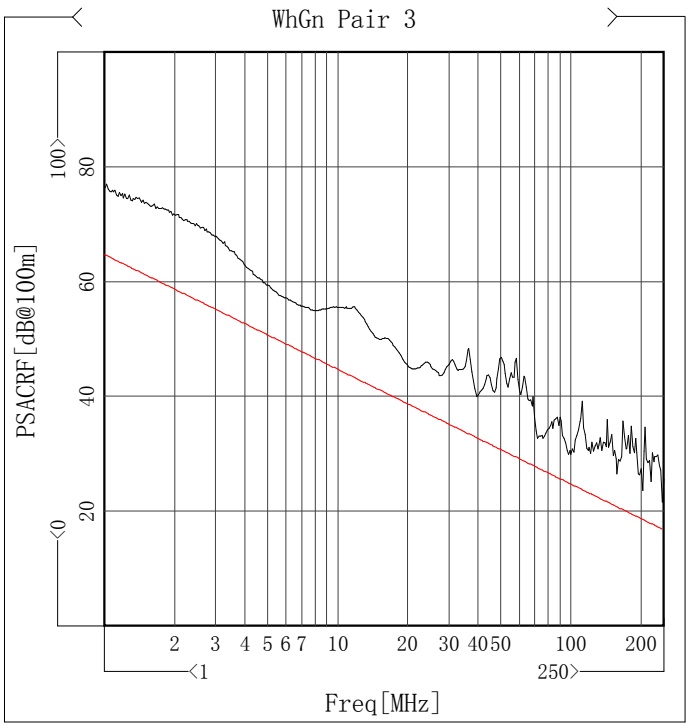


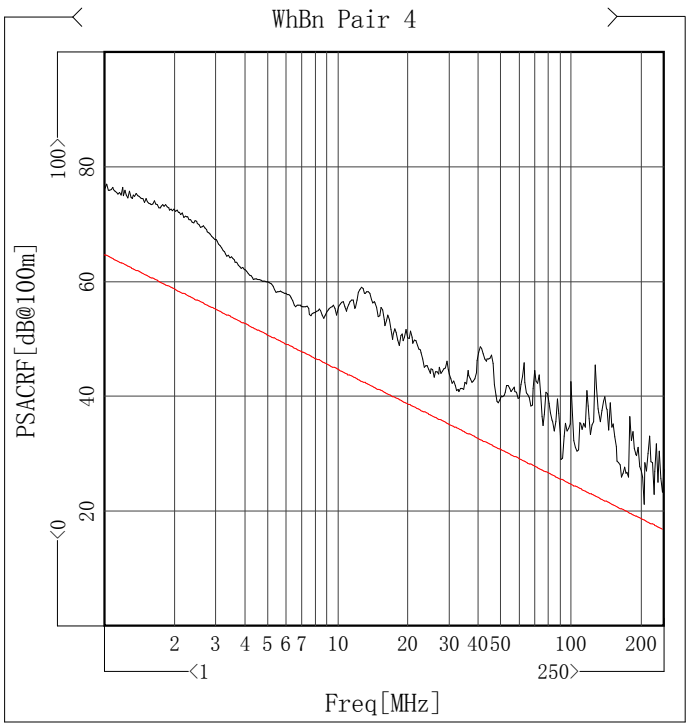
PSACRF

Item	Min [dB@100m]	Freq[MHz]	Spec [dB@100m]	Margin [dB@100m]
✔ WhBu Pair 1	30.64	98.217	24.96	5.68
✔ WhOg Pair 2	28.8	91.588	25.56	3.24
✔ WhGn Pair 3	21.71	247.043	16.94	4.77
✔ WhBn Pair 4	21.31	208.605	18.41	2.9









ATT[dB/100m]

No.	Freq [MHz]	Spec (Max)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	2.03	1.81	1.76	1.79	1.71
2	4	3.78	3.62	3.56	3.60	3.43
3	8	5.32	5.14	5.07	5.13	4.89
4	10	5.95	5.76	5.69	5.74	5.48
5	16	7.55	7.32	7.23	7.29	6.96
6	20	8.47	8.20	8.10	8.17	7.80
7	25	9.51	9.18	9.09	9.16	8.75
8	31.25	10.67	10.29	10.17	10.26	9.81
9	50	13.66	13.09	12.90	13.04	12.46
10	62.5	15.38	14.67	14.48	14.63	13.96
11	100	19.8	18.75	18.43	18.63	17.80
12	125	22.36	20.97	20.73	20.91	19.97
13	200	28.98	26.95	26.48	26.88	25.31
14	250	32.85	30.27	29.34	29.90	28.22

DOP[ns/100m]

No.	Freq [MHz]	Spec (Max)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	570	530.71	511.97	523.05	504.53
2	4	552	513.34	494.68	505.65	487.90
3	8	546.73	508.21	489.58	500.51	482.99
4	10	545.38	506.86	488.23	499.16	481.69
5	16	543	504.58	485.96	496.87	479.51
6	20	542.05	503.64	485.03	495.93	478.61
7	25	541.2	502.80	484.19	495.09	477.80
8	31.25	540.44	502.09	483.48	494.37	477.12
9	50	539.09	500.75	482.14	493.03	475.84
10	62.5	538.55	500.24	481.65	492.53	475.36
11	100	537.6	499.31	480.71	491.59	474.46
12	125	537.22	498.94	480.35	491.22	474.11
13	200	536.55	498.29	479.70	490.57	473.48
14	250	536.28	498.01	479.43	490.29	473.22

Vop[%C]

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	58.48	62.85	65.15	63.77	66.11
2	4	60.44	64.98	67.43	65.97	68.37
3	8	61.01	65.63	68.13	66.64	69.06
4	10	61.16	65.81	68.32	66.82	69.25
5	16	61.42	66.11	68.64	67.13	69.56
6	20	61.52	66.23	68.77	67.26	69.69
7	25	61.62	66.34	68.89	67.37	69.81
8	31.25	61.7	66.43	68.99	67.47	69.91
9	50	61.84	66.61	69.18	67.66	70.10
10	62.5	61.9	66.68	69.25	67.72	70.17
11	100	62.01	66.80	69.39	67.85	70.30

Vop[%C](Continuation 1)

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
12	125	62.05	66.85	69.44	67.90	70.36
13	200	62.12	66.94	69.54	67.99	70.45
14	250	62.15	66.98	69.58	68.03	70.49

SKW[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	45	18.74	7.66	26.18	11.08	7.44	18.52
2	4	45	18.66	7.69	25.44	10.97	6.78	17.75
3	8	45	18.64	7.70	25.23	10.93	6.59	17.52
4	10	45	18.63	7.71	25.17	10.92	6.54	17.46
5	16	45	18.62	7.71	25.07	10.91	6.45	17.36
6	20	45	18.62	7.71	25.03	10.90	6.42	17.32
7	25	45	18.61	7.71	25.00	10.90	6.39	17.28
8	31.25	45	18.61	7.71	24.97	10.89	6.36	17.25
9	50	45	18.60	7.72	24.91	10.88	6.31	17.19
10	62.5	45	18.60	7.72	24.89	10.88	6.29	17.17
11	100	45	18.60	7.72	24.85	10.88	6.25	17.13
12	125	45	18.59	7.72	24.83	10.87	6.24	17.11
13	200	45	18.59	7.72	24.81	10.87	6.21	17.08
14	250	45	18.59	7.72	24.79	10.87	6.20	17.07

Zin[Ohm]

No.	Freq [MHz]	Spec		WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
		(Max)	(Min)				
1	1	115	85	107.57	107.94	107.91	110.31
2	4	115	85	104.53	104.20	104.91	106.87
3	8	115	85	103.40	103.22	103.58	104.18
4	10	115	85	103.23	102.69	103.28	105.12
5	16	115	85	102.95	101.79	102.54	102.22
6	20	115	85	102.12	101.05	102.06	103.61
7	25	115	85	102.52	101.41	102.01	102.01
8	31.25	115	85	103.15	101.20	102.05	102.71
9	50	115	85	101.19	99.93	101.18	100.48
10	62.5	115	85	101.17	98.60	101.71	102.25
11	100	115	85	102.51	97.50	99.63	100.00
12	125	115	85	99.36	99.59	100.32	99.38
13	200	115	85	100.89	97.34	97.85	102.59
14	250	115	85	103.76	97.28	97.44	97.00

RL[dB]

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	20	34.17	35.18	35.45	33.92
2	4	23.01	36.17	34.18	35.32	35.88
3	8	24.52	37.49	31.81	36.16	37.34
4	10	25	37.57	32.84	35.94	37.42

RL[dB](Continuation 1)

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
5	16	25	38.66	37.28	36.00	38.32
6	20	25	38.37	37.52	37.73	38.56
7	25	24.32	38.66	39.25	37.35	38.17
8	31.25	23.64	36.38	37.69	37.99	36.13
9	50	22.21	43.12	37.54	40.89	43.56
10	62.5	21.54	49.64	35.03	40.86	43.15
11	100	20.11	43.09	34.70	41.28	36.22
12	125	19.43	37.42	34.69	42.39	45.38
13	200	18	36.15	33.75	35.02	38.83
14	250	17.32	37.94	29.43	26.97	29.08

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	74.3	101.20	85.81	94.94	92.38	84.02	86.17
2	4	65.27	83.01	78.31	85.29	91.27	75.31	93.42
3	8	60.75	75.34	77.55	77.28	77.41	81.46	75.05
4	10	59.3	71.47	72.06	88.44	74.74	70.38	74.63
5	16	56.24	76.31	67.46	73.45	68.79	60.82	80.80
6	20	54.78	82.56	74.79	74.60	73.59	74.32	75.85
7	25	53.33	74.73	71.84	72.60	66.78	58.72	78.84
8	31.25	51.88	72.12	64.66	71.20	67.52	63.89	62.76
9	50	48.82	64.33	74.25	62.73	66.57	65.95	62.85
10	62.5	47.36	65.10	66.68	71.19	56.96	63.06	64.82
11	100	44.3	58.78	61.11	76.30	55.59	57.48	65.71
12	125	42.85	62.19	62.70	70.03	60.26	59.97	60.14
13	200	39.78	60.43	51.74	61.71	59.14	61.30	60.13
14	250	38.33	60.09	67.91	55.26	58.92	49.23	52.99

PSNEXT [dB@100m]

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	72.3	85.20	83.35	82.51	81.74
2	4	63.27	76.44	74.54	77.97	74.83
3	8	58.75	71.83	72.63	71.73	72.43
4	10	57.3	68.68	67.01	68.85	68.82
5	16	54.24	66.05	60.07	64.95	60.54
6	20	52.78	71.19	70.53	69.81	69.56
7	25	51.33	68.10	57.99	65.36	58.50
8	31.25	49.88	62.63	61.11	59.65	59.01
9	50	46.82	60.06	60.71	61.07	58.55
10	62.5	45.36	62.06	55.28	55.83	60.32
11	100	42.3	56.65	51.74	53.37	56.76
12	125	40.85	57.92	55.58	55.62	56.29
13	200	37.78	50.51	55.33	50.24	56.06
14	250	36.33	53.85	48.47	51.89	47.00

ACRF[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	67.8	84.11	84.17	94.20	83.21	82.25	78.84
2	4	55.76	75.49	66.47	77.65	69.25	63.48	68.61
3	8	49.74	68.69	60.38	69.61	59.67	56.58	59.50
4	10	47.8	65.13	62.78	67.33	60.57	57.10	58.62
5	16	43.72	61.76	56.54	67.53	52.74	56.46	56.83
6	20	41.78	58.18	53.04	73.66	47.47	55.16	53.49
7	25	39.84	56.56	52.02	68.14	48.35	44.89	52.18
8	31.25	37.9	57.44	57.76	59.59	49.55	43.78	49.72
9	50	33.82	50.23	64.33	54.12	49.28	40.25	50.56
10	62.5	31.88	44.41	43.45	49.46	47.13	45.39	52.37
11	100	27.8	39.73	31.85	48.09	36.98	37.75	44.68
12	125	25.86	40.19	34.36	53.74	35.85	36.39	42.87
13	200	21.78	35.04	28.04	35.57	32.66	28.81	45.12
14	250	19.84	36.15	26.08	45.35	40.35	27.84	37.31

PSACRF[dB@100m]

No.	Freq [MHz]	Spec (Min)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	64.8	80.92	78.35	76.64	77.12
2	4	52.76	65.67	62.25	63.17	62.20
3	8	46.74	59.36	54.67	55.06	54.65
4	10	44.8	59.90	55.03	55.56	54.54
5	16	40.72	55.14	50.83	50.17	53.45
6	20	38.78	51.84	46.45	45.63	51.16
7	25	36.84	50.63	43.07	45.69	44.12
8	31.25	34.9	53.39	42.60	46.29	42.70
9	50	30.82	48.59	39.36	46.68	39.68
10	62.5	28.88	40.32	40.71	41.47	43.33
11	100	24.8	31.11	32.81	30.49	36.41
12	125	22.86	32.93	32.24	31.53	35.30
13	200	18.78	26.60	26.62	26.54	27.85
14	250	16.84	25.63	27.03	25.62	27.30