

Record File: D:\TEST REPORT\ITK\403-MOS April 2014\CTS140428-11-P.cts

Test Time : 2014/04/28 12:26:19	Temperature:20C
Exec Std:ANSI-TIA-568-C.2	Test Result:Pass
Cable Length:305m	customer:ITK
Cable type:LC1-C5E04-111	Operator:Linlihua
Cable Drum:403-MOS April 2014	

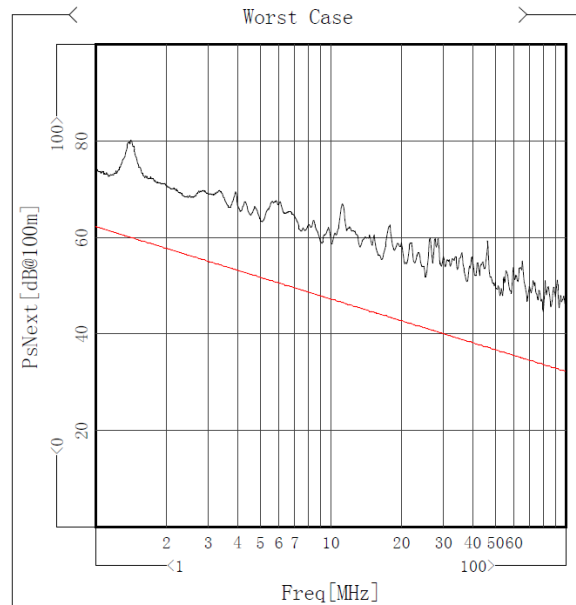
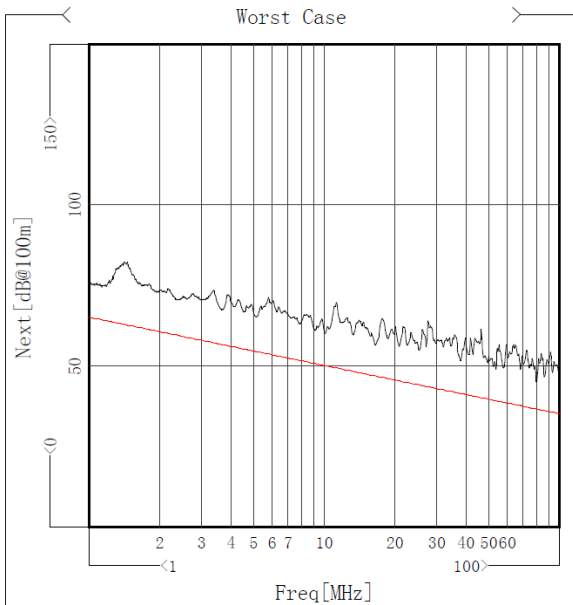
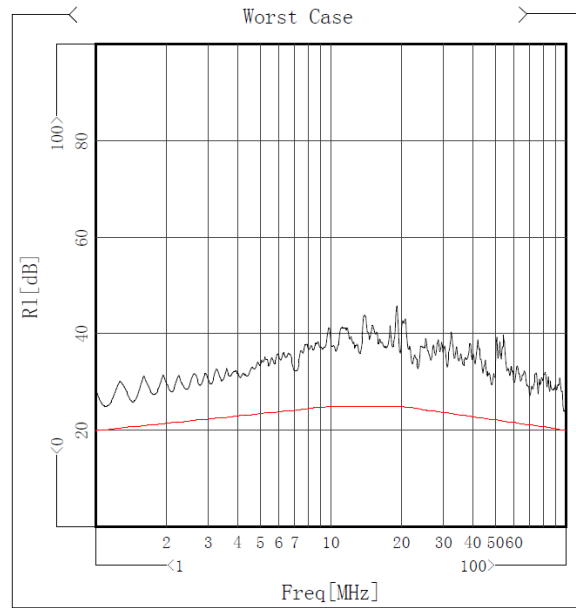
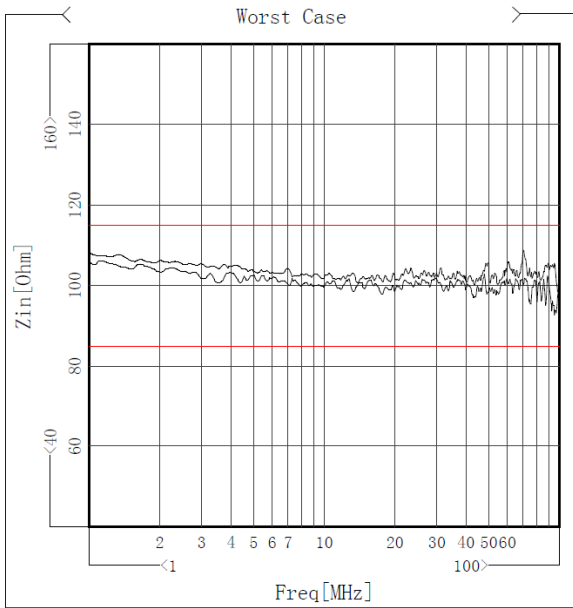
Test Result List

Test Item	Unit	Test Result
Zin	Ohm	Pass
Rl	dB	Pass
Next	dB@100m	Pass
PsNext	dB@100m	Pass

Record File: D:\TEST REPORT\ITK\403-MOS April 2014\CTS140428-11-P.cts Test Time : 2014/04/28 12:26:19

Worst Summary Of High Freq Parameter

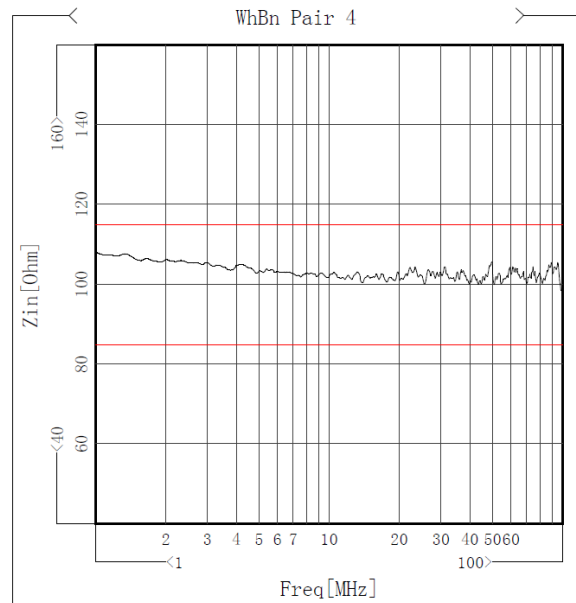
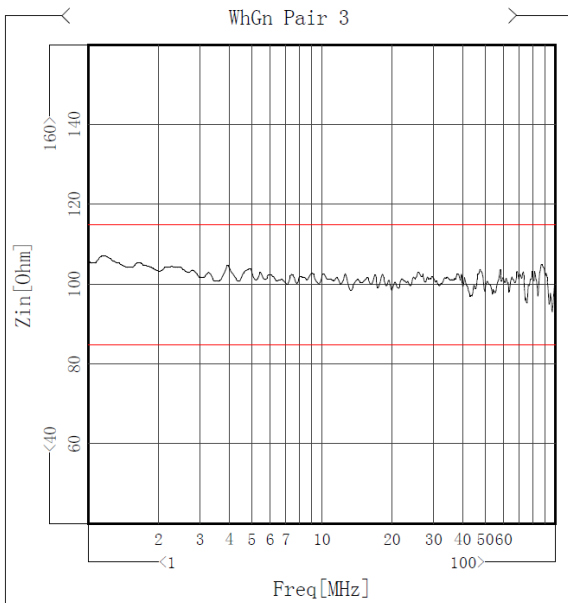
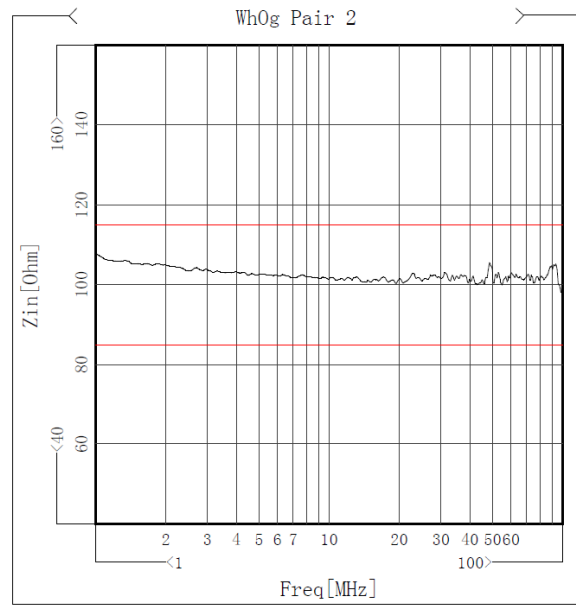
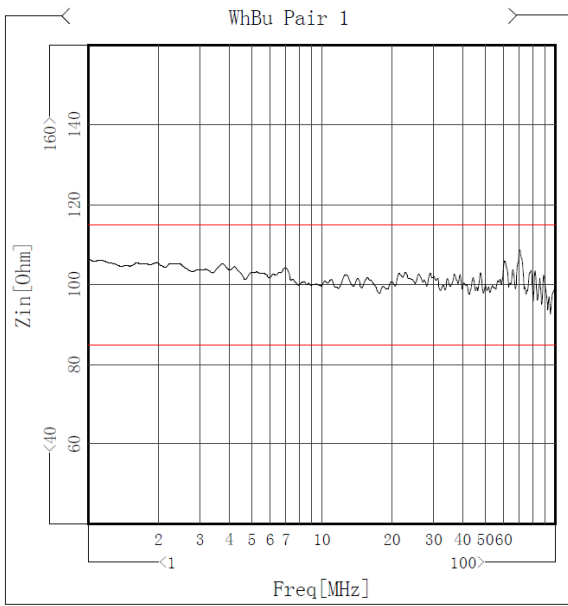
Item	Max	Freq[MHz]	Std	Margin	Min	Freq[MHz]	Std	Margin
✓ Zin[Ohm]	108.9	70.388	115	6.1	92.77	95.499	85	7.77
✓ Rl[dB]	/	/	/	/	23.77	99.426	20.12	3.65
✓ Next[dB@100m]	/	/	/	/	45.15	80.353	36.72	8.43
✓ PsNext[dB@100m]	/	/	/	/	51.8	25.264	41.26	10.54



Record File: D:\TEST REPORT\ITK\403-MOS April 2014\CTS140428-11-P.cts Test Time : 2014/04/28 12:26:19

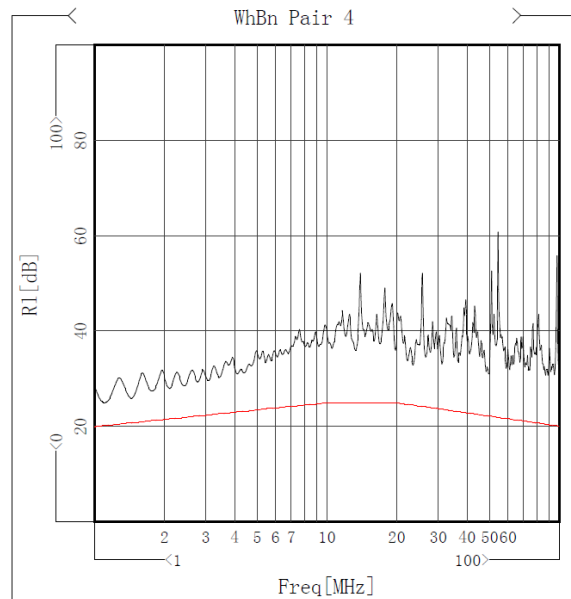
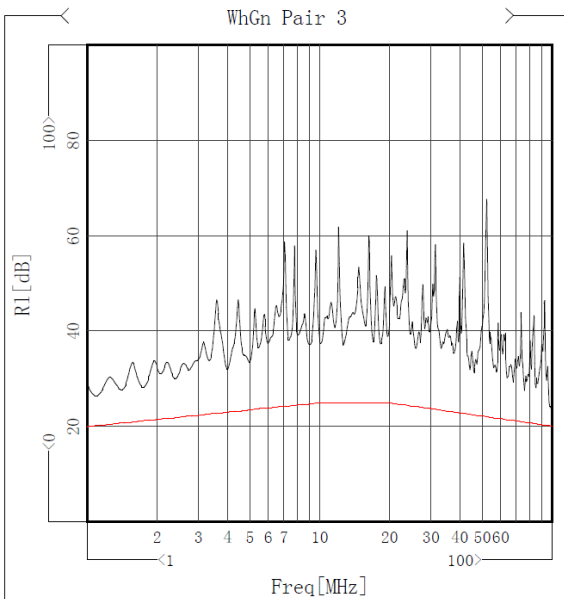
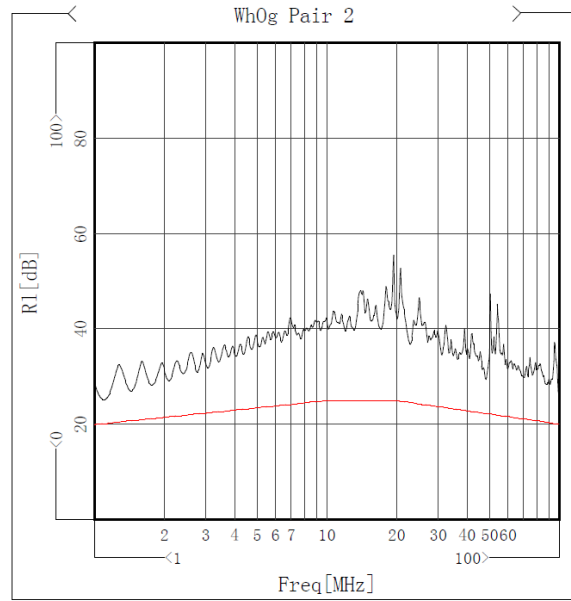
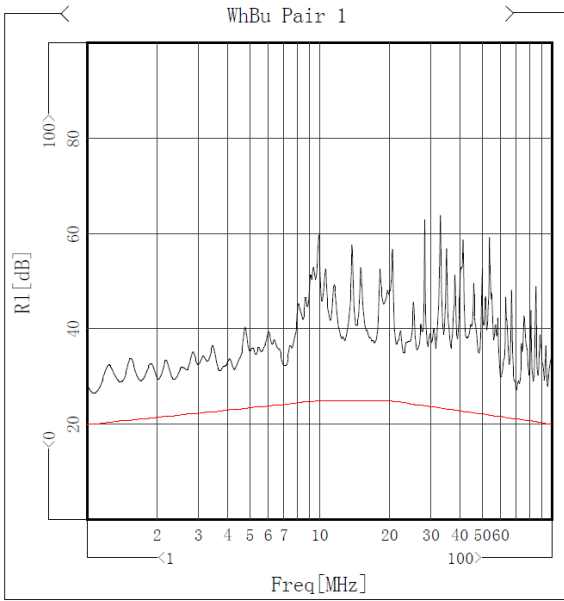
Zin Test Report

Item	Max [Ohm]	Freq[MHz]	Std [Ohm]	Margin [Ohm]	Min [Ohm]	Freq[MHz]	Std [Ohm]	Margin [Ohm]
✓ WhBu Pair 1	108.9	70.388	115	6.1	92.77	95.499	85	7.77
✓ Wh0g Pair 2	107.61	1	115	7.39	98.06	98.288	85	13.06
✓ WhGn Pair 3	107.2	1.161	115	7.8	93.15	97.163	85	8.15
✓ WhBn Pair 4	108.12	1	115	6.88	98.62	98.288	85	13.62



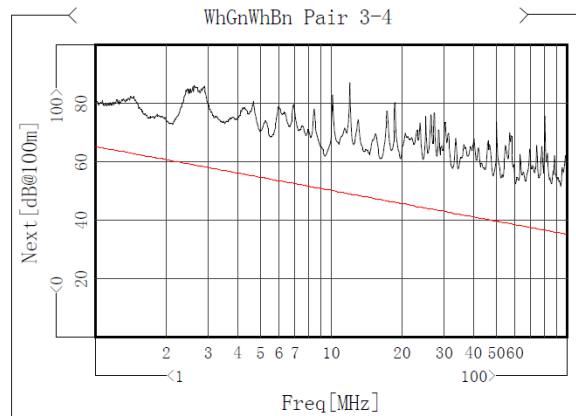
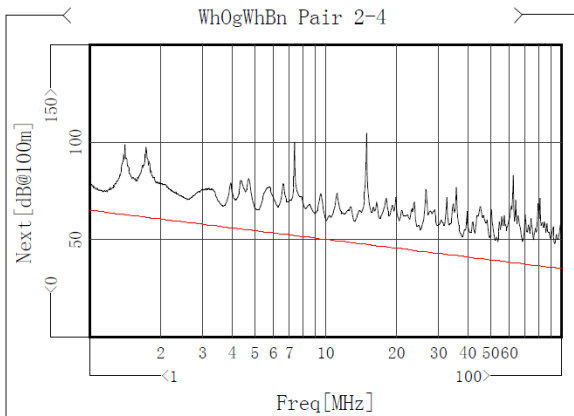
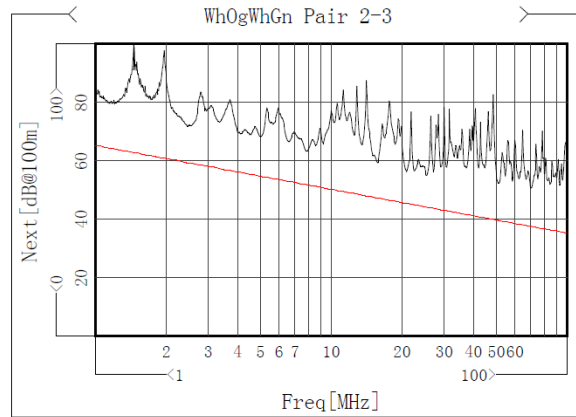
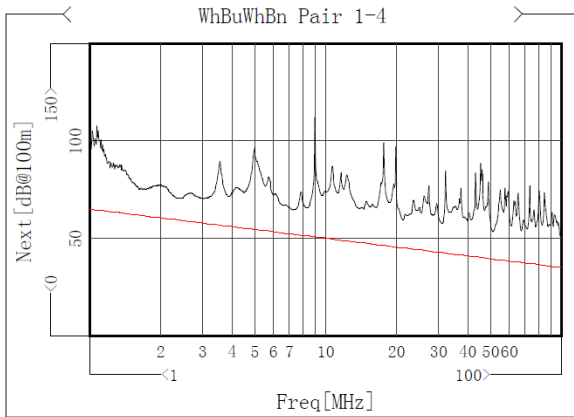
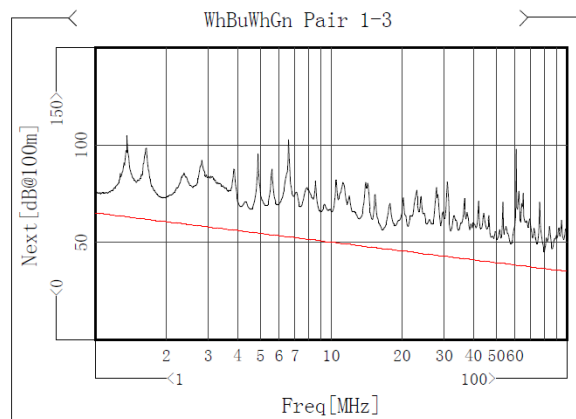
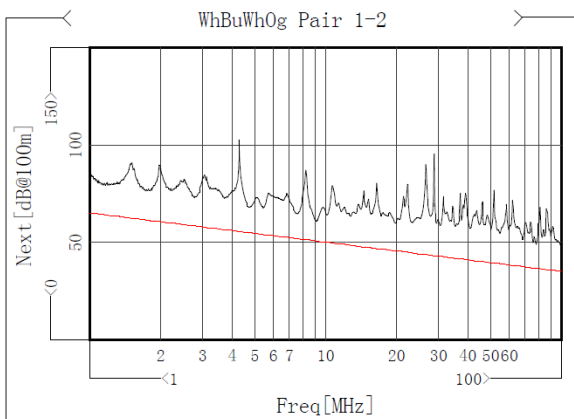
R1 Test Report

Item	Min [dB]	Freq[MHz]	Std [dB]	Margin [dB]
✓ WhBu Pair 1	27.22	70.388	21.17	6.05
✓ Wh0g Pair 2	25.2	1.103	20.21	4.99
✓ WhGn Pair 3	23.77	99.426	20.12	3.65
✓ WhBn Pair 4	24.97	1.109	20.23	4.74



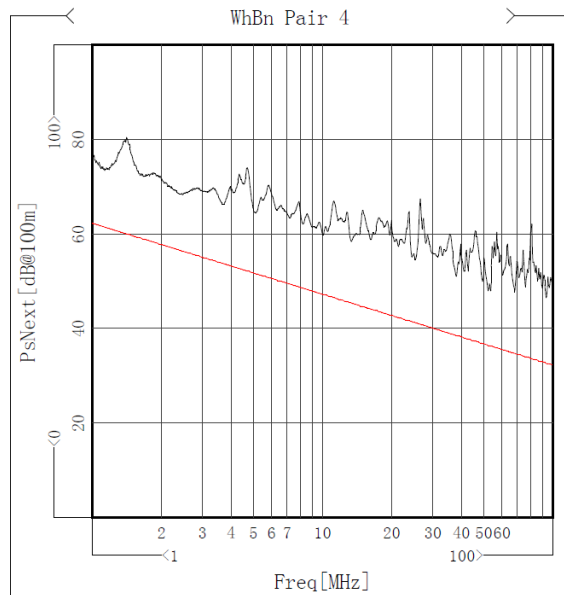
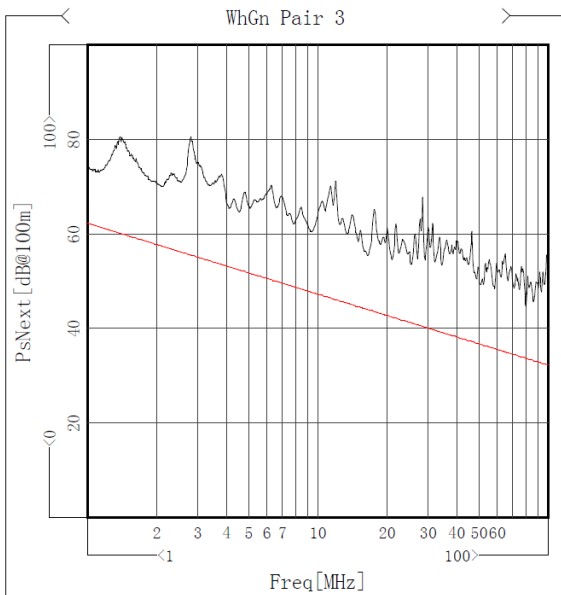
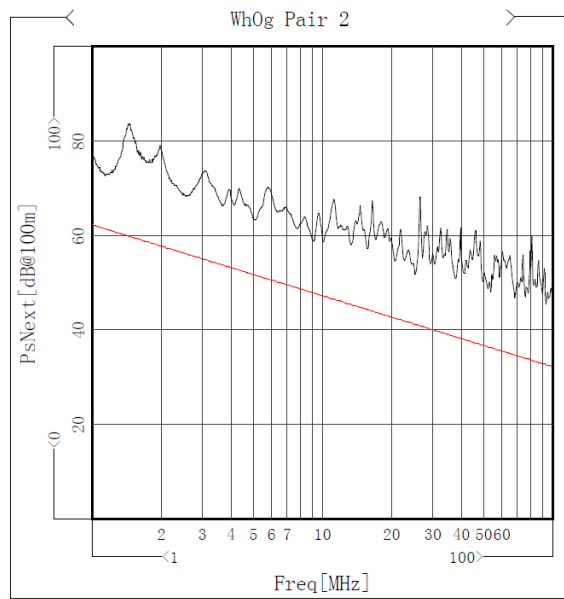
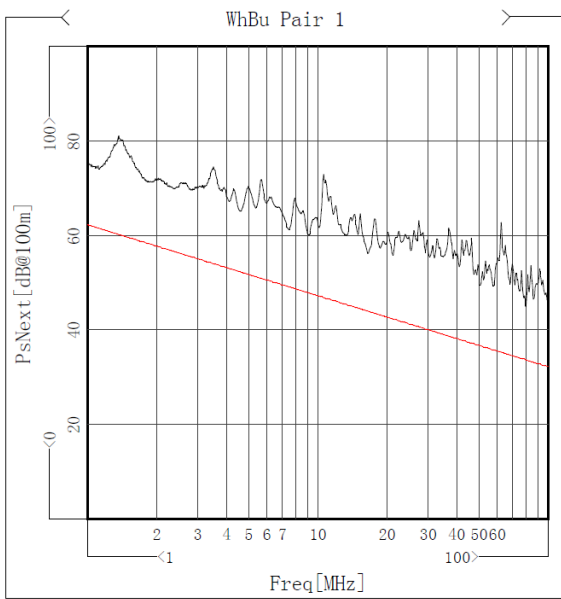
Next Test Report

Item	Min [dB@100m]	Freq[MHz]	Std [dB@100m]	Margin [dB@100m]
✓ WhBuWhOg Pair 1-2	61.32	9.173	50.86	10.46
✓ WhBuWhGn Pair 1-3	45.15	80.353	36.72	8.43
✓ WhBuWhBn Pair 1-4	70.64	2.385	59.64	11
✓ WhOgWhGn Pair 2-3	54.98	25.41	44.22	10.76
✓ WhOgWhBn Pair 2-4	49.11	53.703	39.35	9.76
✓ WhGnWhBn Pair 3-4	61.98	9.441	50.67	11.31



PsNext Test Report

Item	Min [dB@100m]	Freq[MHz]	Std [dB@100m]	Margin [dB@100m]
✓ WhBu Pair 1	44.99	80.353	33.72	11.27
✓ WhOg Pair 2	51.8	25.264	41.26	10.54
✓ WhGn Pair 3	44.71	80.353	33.72	10.99
✓ WhBn Pair 4	47.99	52.481	36.5	11.49



Record File: D:\TEST REPORT\ITK\403-MOS April 2014\CTS140428-11-P.cts Test Time : 2014/04/28 12:26:19

Zin[Ohm]

No.	Freq [MHz]	Std		WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
		(Up Limit)	(Down Limit)				
1	1	115	85	106.64	107.61	105.88	108.12
2	4	115	85	103.82	103.32	104.62	104.64
3	8	115	85	99.88	102.06	101.48	102.85
4	10	115	85	99.75	101.43	101.73	101.94
5	16	115	85	101.39	101.36	100.81	102.53
6	20	115	85	100.79	101.46	98.70	101.75
7	25	115	85	100.48	100.93	101.50	102.20
8	31.25	115	85	101.52	102.99	100.34	104.46
9	50	115	85	99.85	103.35	98.37	105.00
10	62.5	115	85	102.65	101.89	100.43	103.90
11	100	115	85	100.15	102.62	103.36	101.20

R1[dB]

No.	Freq [MHz]	Std (Down Limit)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	20	28.74	29.08	29.39	28.95
2	4	23.01	32.66	35.26	32.02	33.18
3	8	24.52	41.74	39.82	39.90	37.37
4	10	25	57.87	42.38	38.48	40.10
5	16	25	39.69	42.93	43.26	37.98
6	20	25	47.78	42.39	42.68	39.48
7	25	24.32	39.93	46.37	41.89	37.16
8	31.25	23.64	38.70	34.64	54.68	33.20
9	50	22.21	51.73	35.72	40.97	31.52
10	62.5	21.54	35.15	32.67	38.44	33.17
11	100	20.11	38.00	26.29	24.82	29.57

Next [dB@100m]

No.	Freq [MHz]	Std (Down Limit)	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	65.3	85.64	76.29	93.71	83.69	80.25	80.46
2	4	56.27	75.93	73.18	73.36	70.62	76.92	74.72
3	8	51.75	73.54	77.39	69.83	63.47	70.62	71.06
4	10	50.3	65.98	66.32	74.58	76.91	60.90	68.50
5	16	47.24	67.13	60.06	67.07	61.47	66.63	62.47
6	20	45.78	60.69	66.07	74.16	67.97	68.06	64.62
7	25	44.33	62.64	63.57	65.78	57.36	56.60	66.39
8	31.25	42.88	64.67	78.44	58.04	60.99	59.16	69.21
9	50	39.82	58.38	54.20	57.98	56.23	53.99	62.60
10	62.5	38.36	66.29	74.09	66.21	53.98	76.90	54.26
11	100	35.3	48.04	55.53	50.85	56.98	61.58	52.87

PsNext [dB@100m]

No.	Freq [MHz]	Std (Down Limit)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
1	1	62.3	75.74	77.84	74.35	77.24
2	4	53.27	69.20	68.77	67.73	69.97

Record File: D:\TEST REPORT\ITK\403-MOS April 2014\CTS140428-11-P.cts Test Time : 2014/04/28 12:26:19

PsNext[dB@100m] (Continuation 1)

No.	Freq [MHz]	Std (Down Limit)	WhBu Pair 1	WhOg Pair 2	WhGn Pair 3	WhBn Pair 4
3	8	48.75	67.75	62.34	62.62	65.69
4	10	47.3	62.84	59.64	64.03	60.05
5	16	44.24	58.60	59.49	56.42	60.08
6	20	42.78	59.38	59.18	61.07	62.49
7	25	41.33	59.03	53.40	55.96	55.68
8	31.25	39.88	57.15	56.27	60.31	55.37
9	50	36.82	51.65	50.87	51.62	51.96
10	62.5	35.36	62.25	53.59	51.07	53.85
11	100	32.3	45.73	47.35	50.01	48.51