

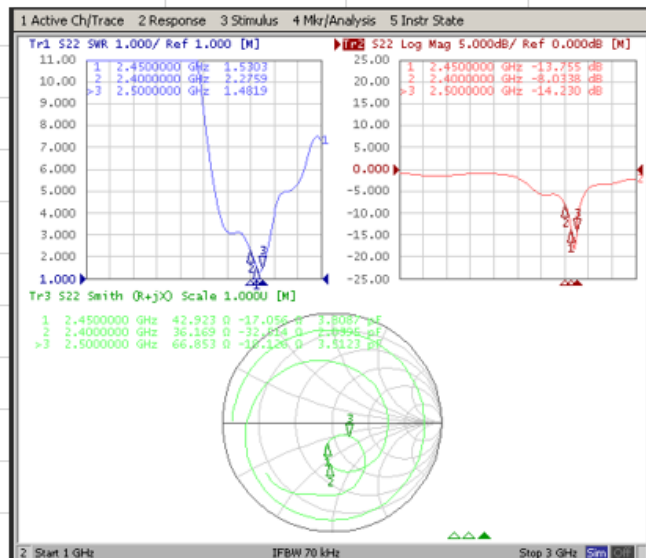
本次报告主要目的：EVT样机调试

本次报告主要结论：优化后数据OK

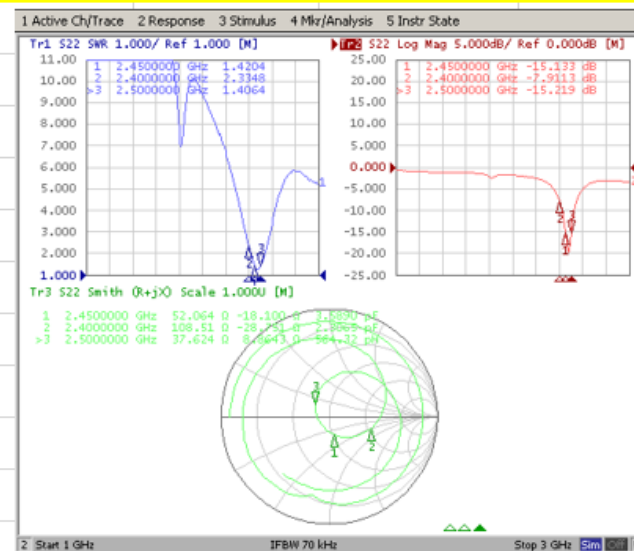
本次报告重点注意事项：喇叭线需绞线，延长地需要减小，R边匹配有变更

天线阻抗参数测试情况

L-无源图

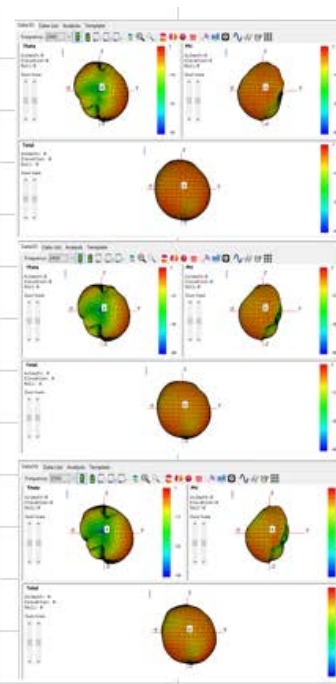
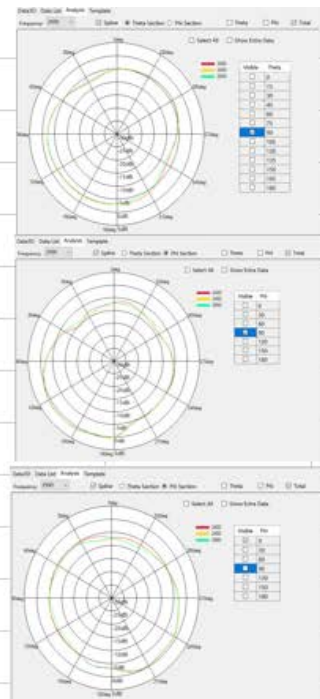
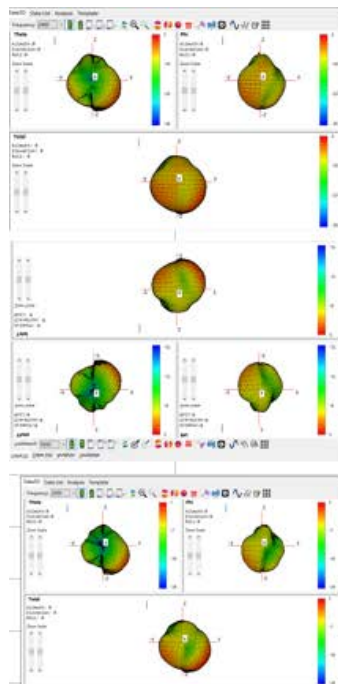


R-无源图



天线无源效率测试情况（附3D&2D方向图）

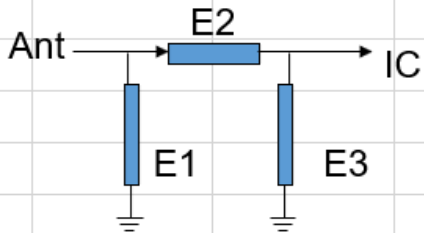
L-自由效率						R-自由效率			
频点MHz	增益(dBi)	效率(dB)	效率 (%)			频点MHz	增益(dBi)	效率(dB)	效率 (%)
2400	1.47	-5.93	25.55			2400	1.21	-6.08	24.67
2410	1.46	-5.92	25.59			2410	1.2	-6.10	24.57
2420	1.49	-5.86	25.97			2420	1.17	-6.07	24.74
2430	1.48	-5.97	25.31			2430	1.2	-6.03	24.93
2440	1.45	-5.92	25.56			2440	1.19	-6.00	25.11
2450	1.37	-6.04	24.86			2450	1.11	-6.16	24.2
2460	1.26	-5.98	25.21			2460	1.07	-5.93	25.51
2470	1.18	-6.03	24.95			2470	1.04	-5.97	25.29
2480	1.12	-6.10	24.52			2480	1.02	-6.04	24.88
2490	0.95	-6.09	24.62			2490	0.94	-6.01	25.07
2500	0.89	-6.17	24.18			2500	0.88	-5.91	25.66
平均值	1. 28	-6. 00	25. 12			平均值	1. 09	-6. 03	24. 97



整机OTA样机测试数据									
L						R			
自由	Channel	TRP (dBm)	TIS (dBm)			自由	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	3.12	-86.49			R	CH 0	3.34	-85.67
	CH 39	3.06	-86.69				CH 39	2.67	-85.59
	CH 78	2.66	-86.43				CH 78	2.78	-86.11
头模	Channel	TRP (dBm)	TIS (dBm)			头模	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	-2.41	-81.52			R	CH 0	-2.18	-81.38
	CH 39	-2.16	-81.27				CH 39	-2.01	-81.19
	CH 78	-2.2	-81.05				CH 78	-2.34	-81.36

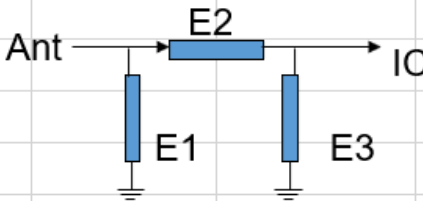
天线匹配电路

L



Element	Value
E1	N/A
E2	0Ω
E3	N/A

R



Element	Value
E1	N/A
E2	0Ω
E3	N/A

