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香港鑫恒陽股份有限公司

HongKong Xin hengyang Stock Co.,Ltd

深圳市鑫恒阳科技有限公司

ShenZhen XinHengYang Technology co.,Ltd



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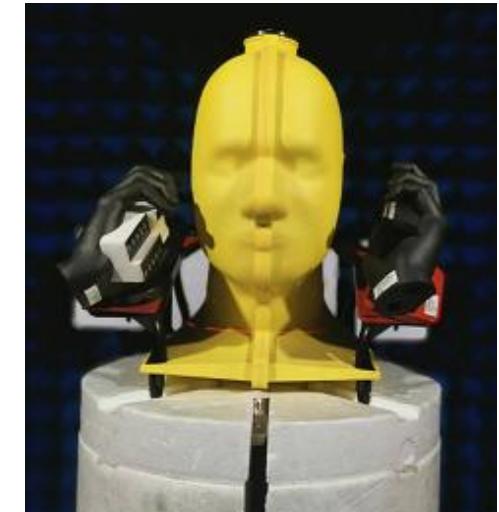
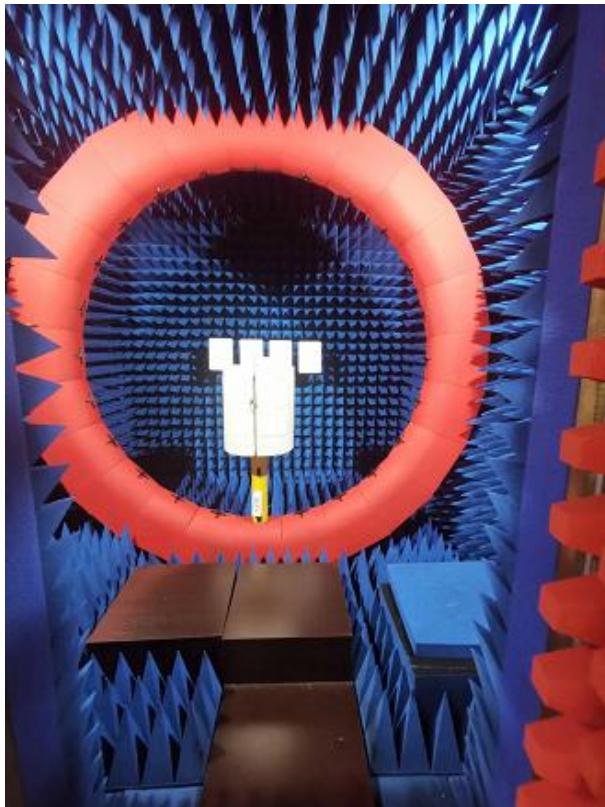
鑫恒阳天线测试数据报告

◆ 项目信息 (Project information)

客户名 CUSTOMER NAME:	林升科技
项目名 PRODUCT NAME:	X92
研发 (R&D) :	肖谭平
日期 DATE:	2025/07/24

一. 测试设备 (Test Equipment)

1. 有源测试: 支持2. 3. 4. 5G制式多模式测量 NB-IoT, eMTC, CAT-1, Bluetooth1-5 , WIFI802. 11 abgn, 可测TRP TIS
2. 无源测试: 可测试增益, 效率
3. TWS耳机测试头模 全套人头手

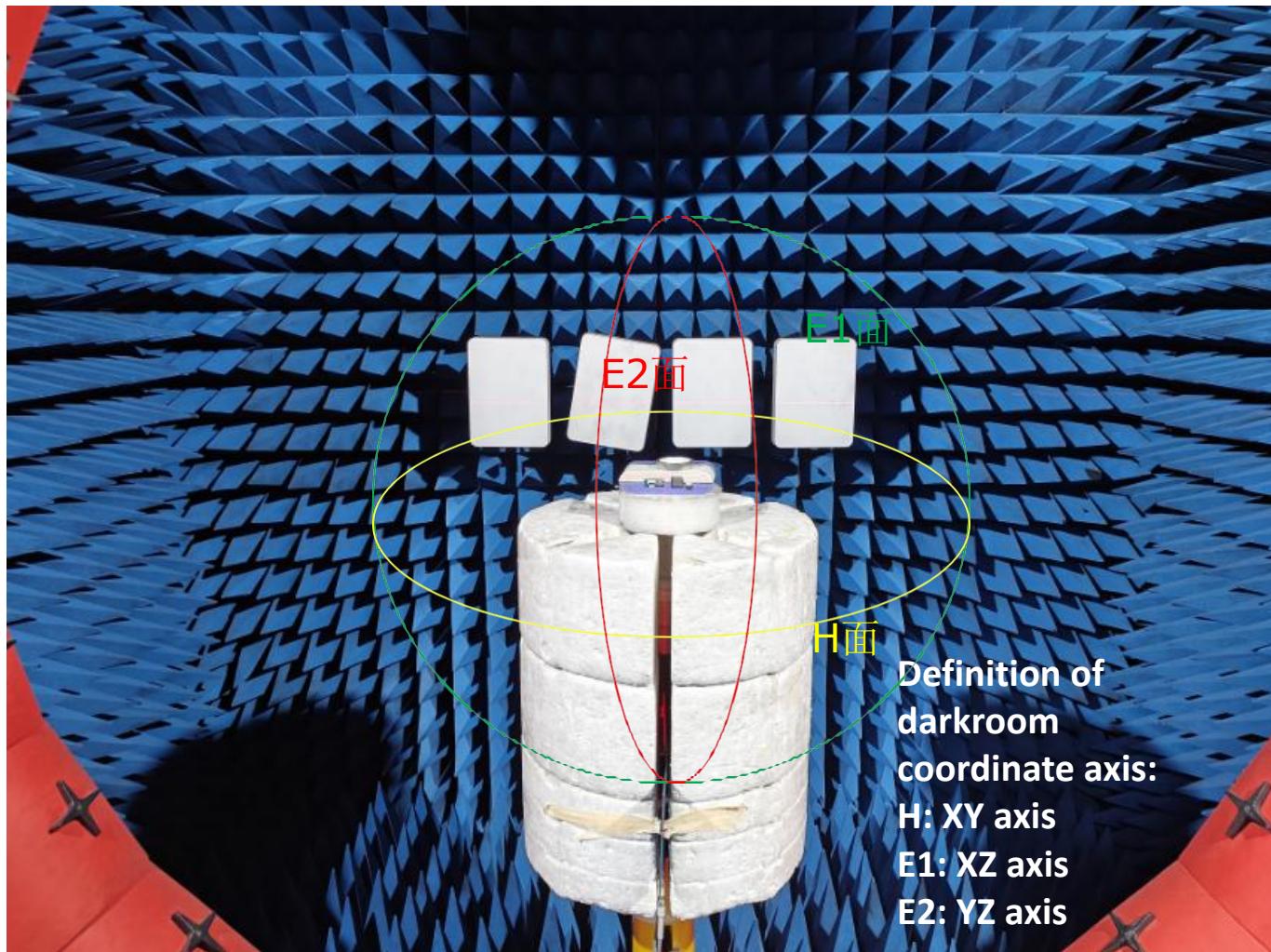


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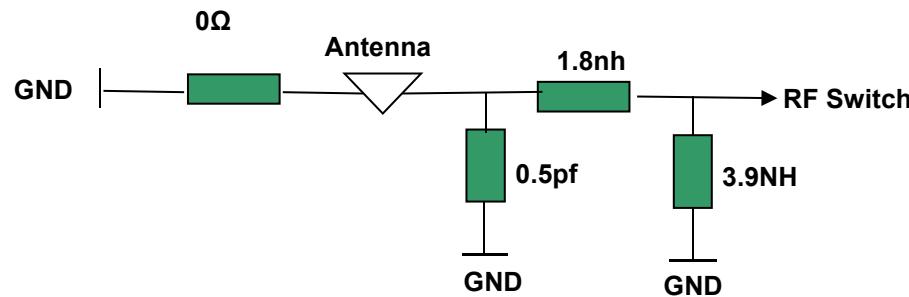
二. 机台图片 Machine image



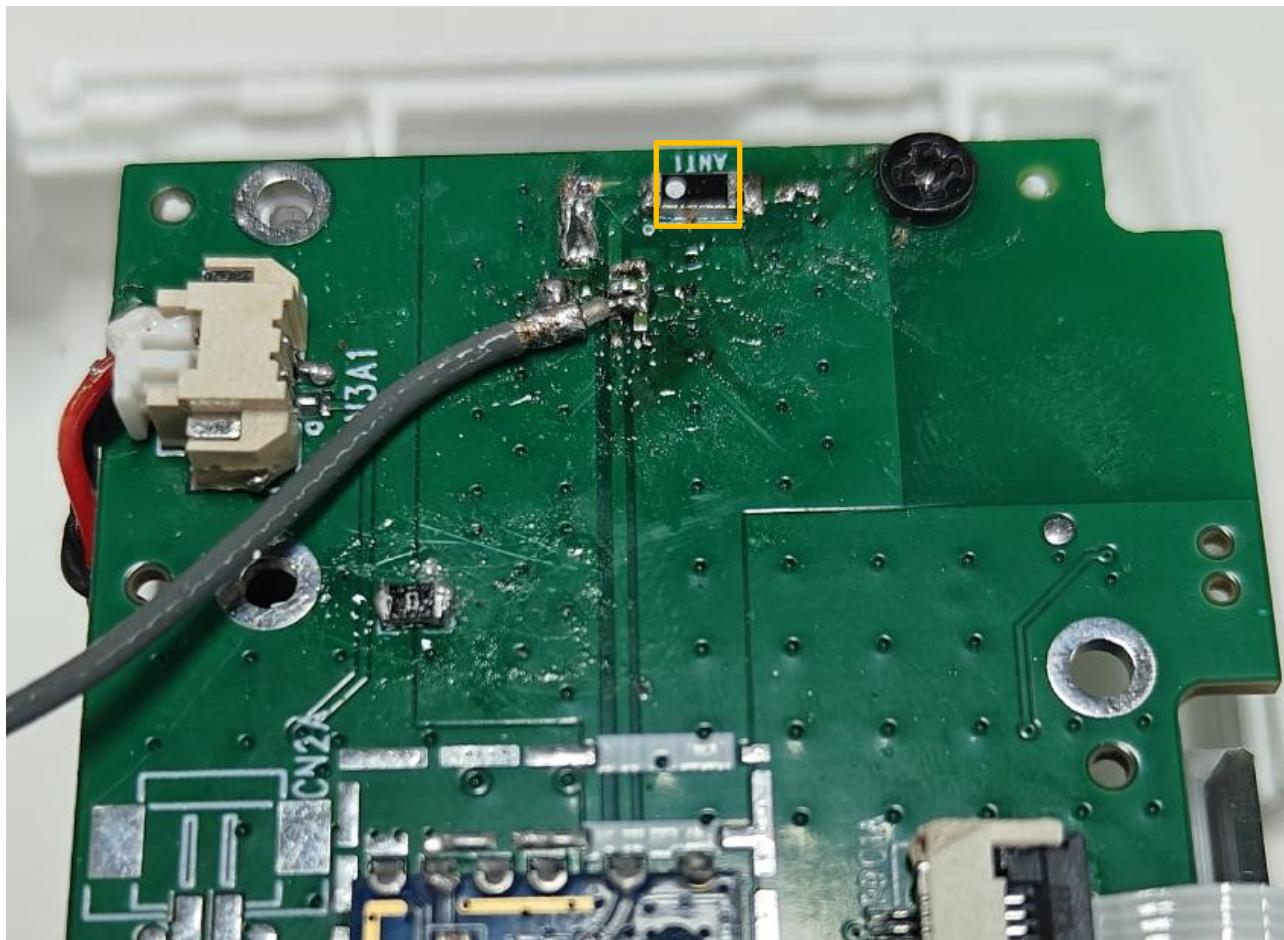
三. 实际测试图片 (test photo)



四. 主板匹配电路 (Main board matching circuit)

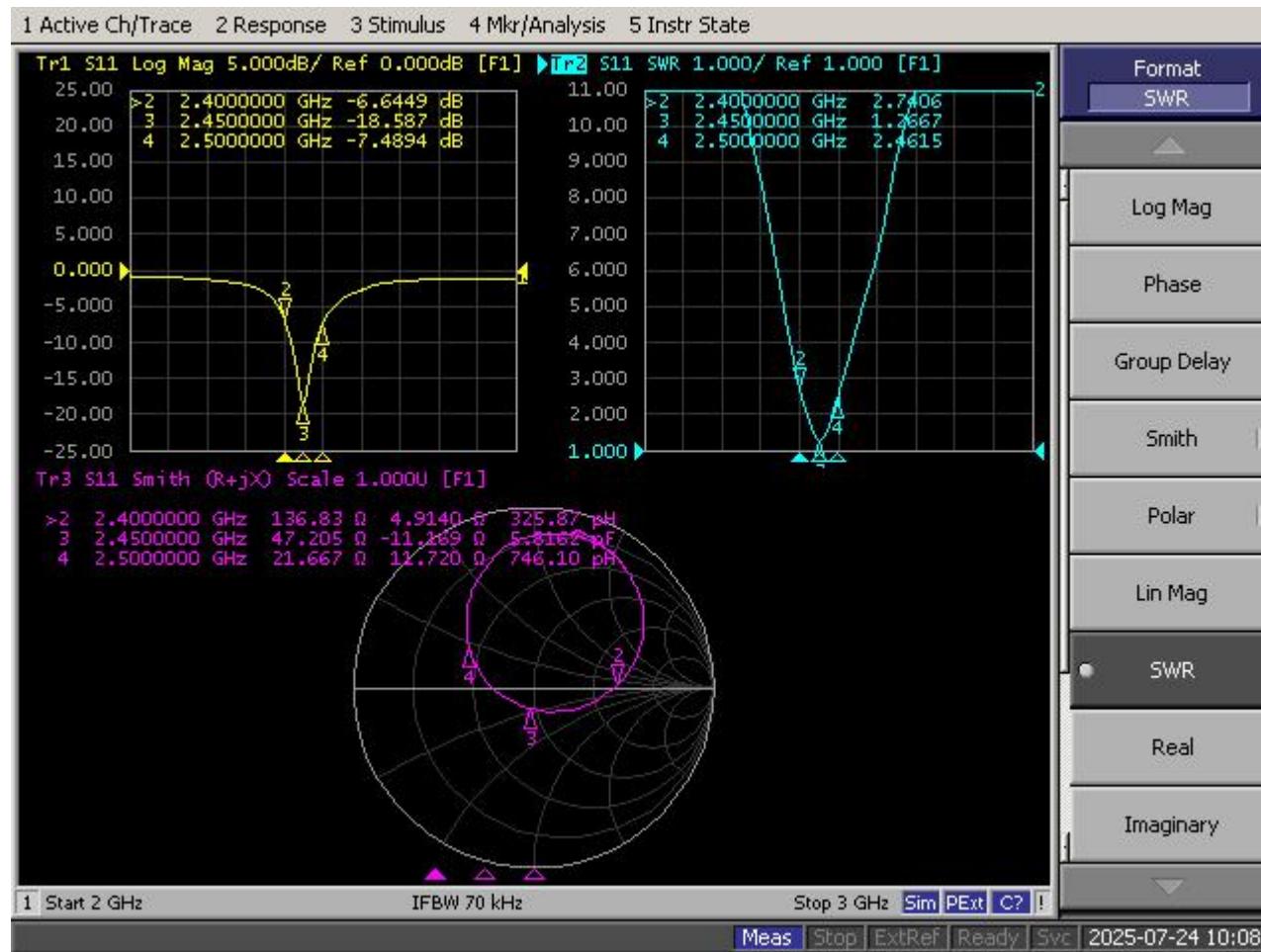


五. 天线位置 (ANT Location)



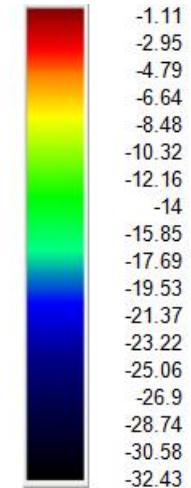
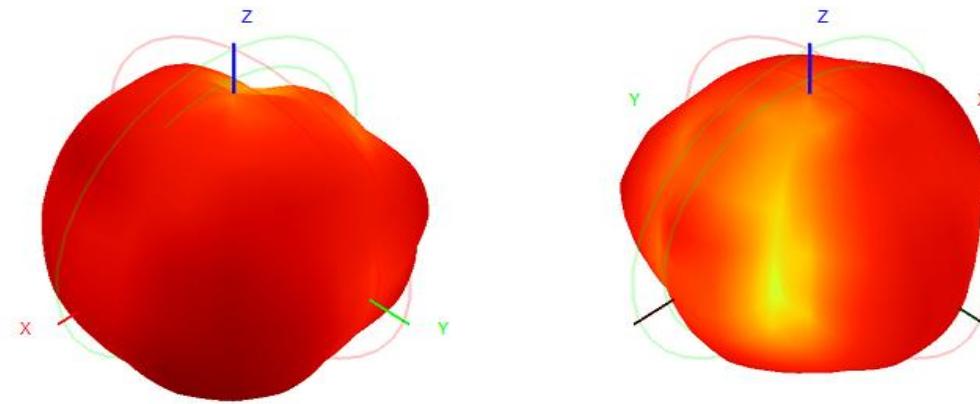
X7陶瓷

六. Return Loss&VSWR

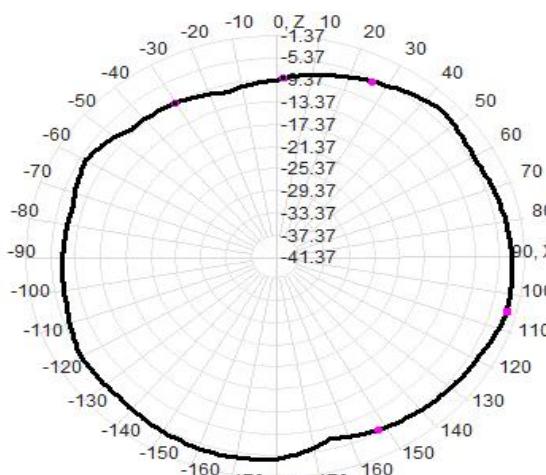


七. 辐射方向图 (Radiation pattern)

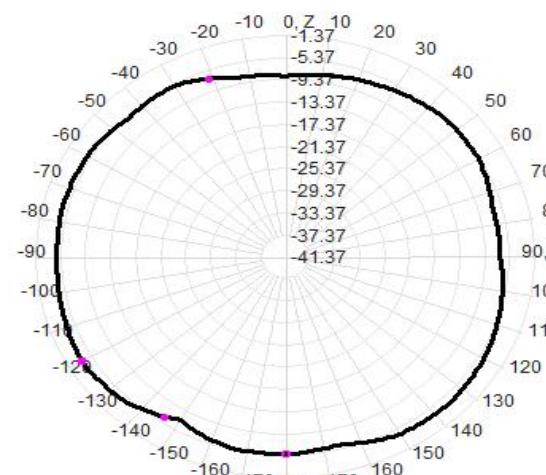
2400MHz



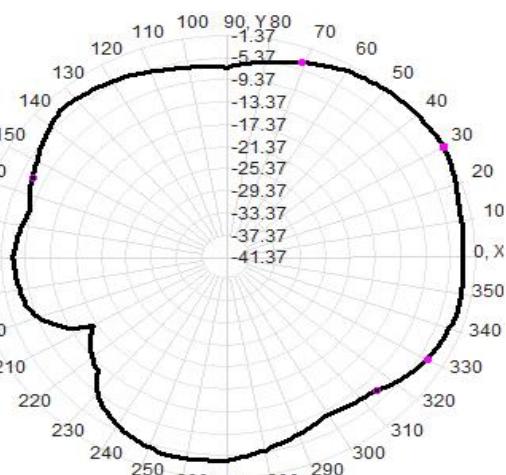
Total(E1-XZ)



Total(E2-YZ)

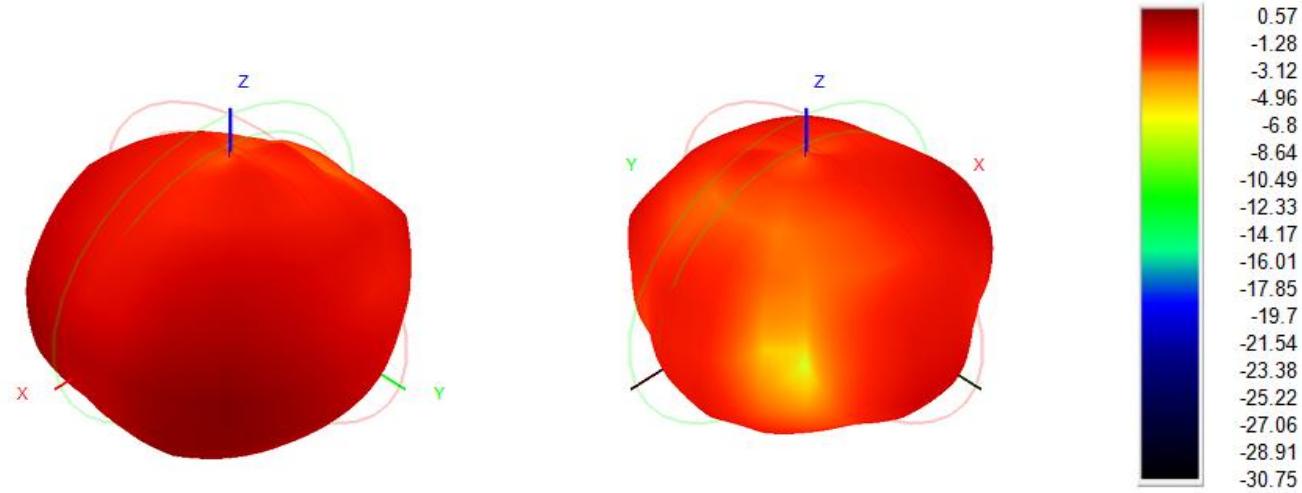


Total(H-XY)

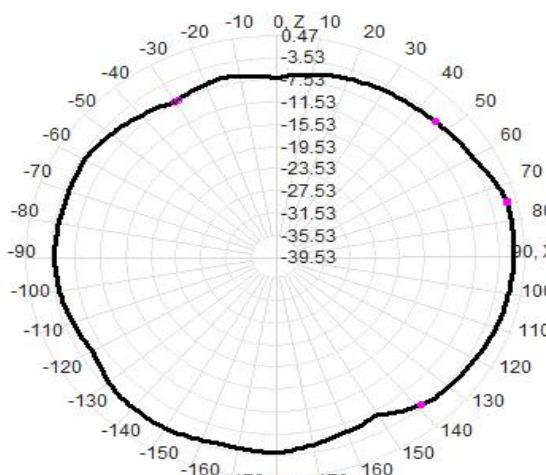


七. 辐射方向图 (Radiation pattern)

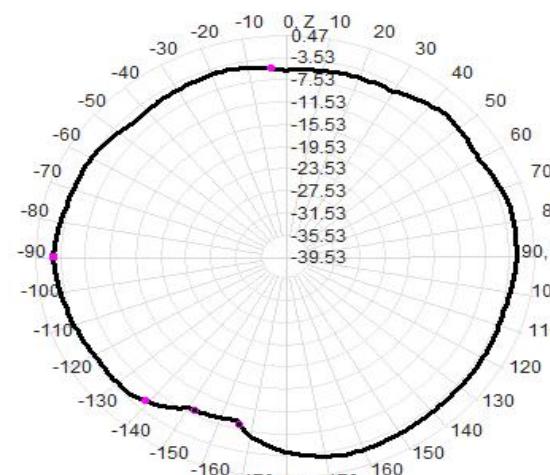
2450MHz



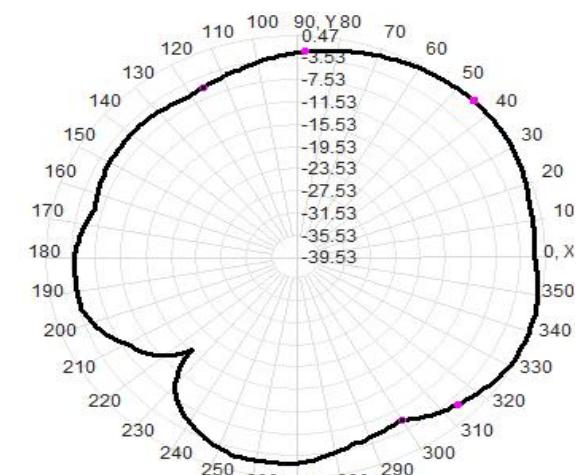
Total(E1-XZ)



Total(E2-YZ)

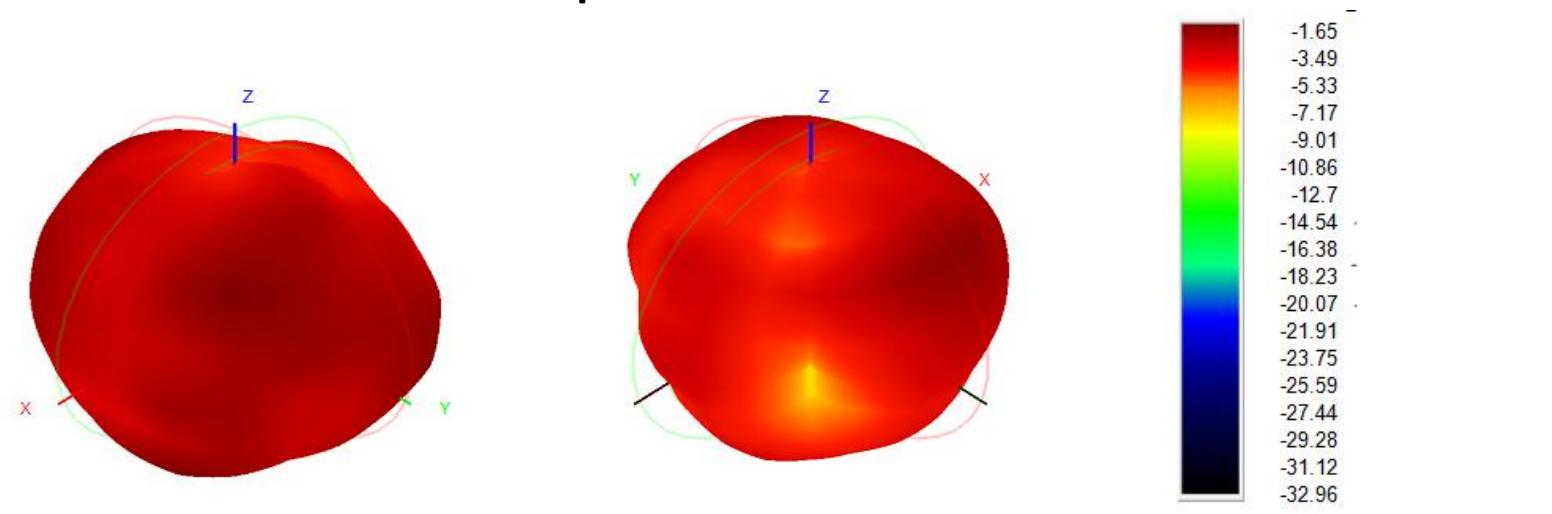


Total(H-XY)

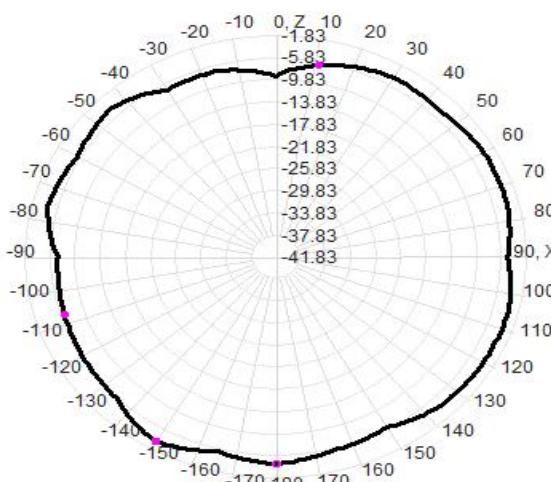


七. 辐射方向图 (Radiation pattern)

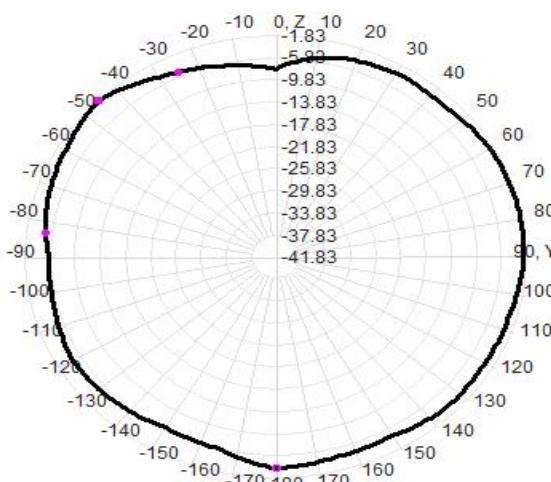
2500MHz



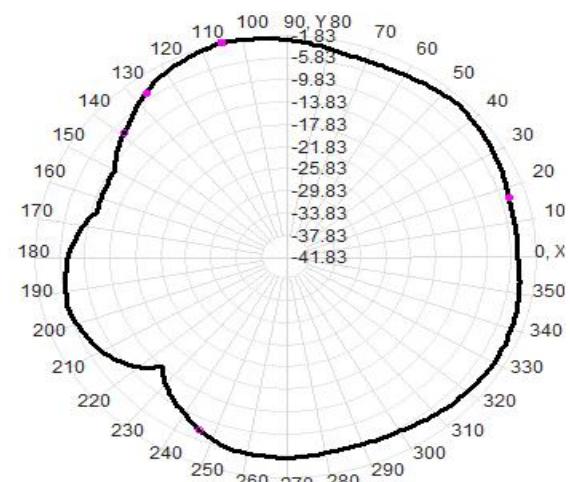
Total(E1-XZ)



Total(E2-YZ)



Total(H-XY)



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八. 无源效率、增益 (Passive efficiency and gain)

2400MHZ-2500MHZ		
Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	-1.11	31.54
2410	-0.42	36.05
2420	-0.15	38.40
2430	0.30	43.96
2440	0.23	43.24
2450	0.57	45.45
2460	0.50	44.93
2470	-0.16	41.58
2480	-0.77	41.24
2490	-1.22	39.38
2500	-1.65	36.61



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九. 环境处理

机器原环境，未做处理

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十. 总结 (Summarize)

总结:

1, 以上数据是最新改板天线测试所得。



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谢 谢

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