



深圳市云顶通讯电子有限公司

Shenzhen Yunding Communication Electronics Co.,Ltd.

Room 315, No. 1, SanWei South Road,
SanWei Community, Hangcheng Sub-
district, Bao 'an District, Shenzhen City

鸿创达WSC6天线调试报告

蔡章林

2025-09-09

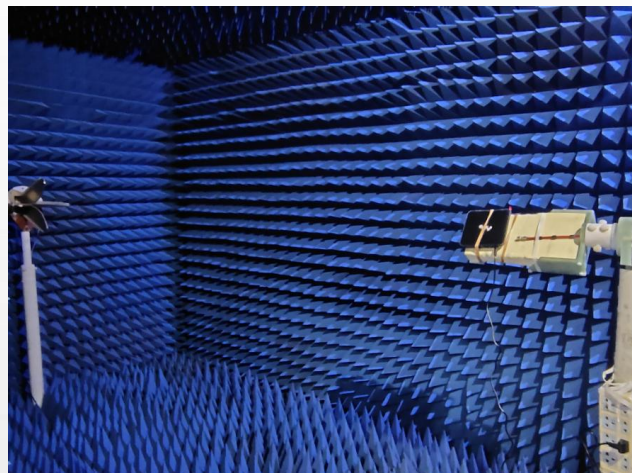




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一、测试环境

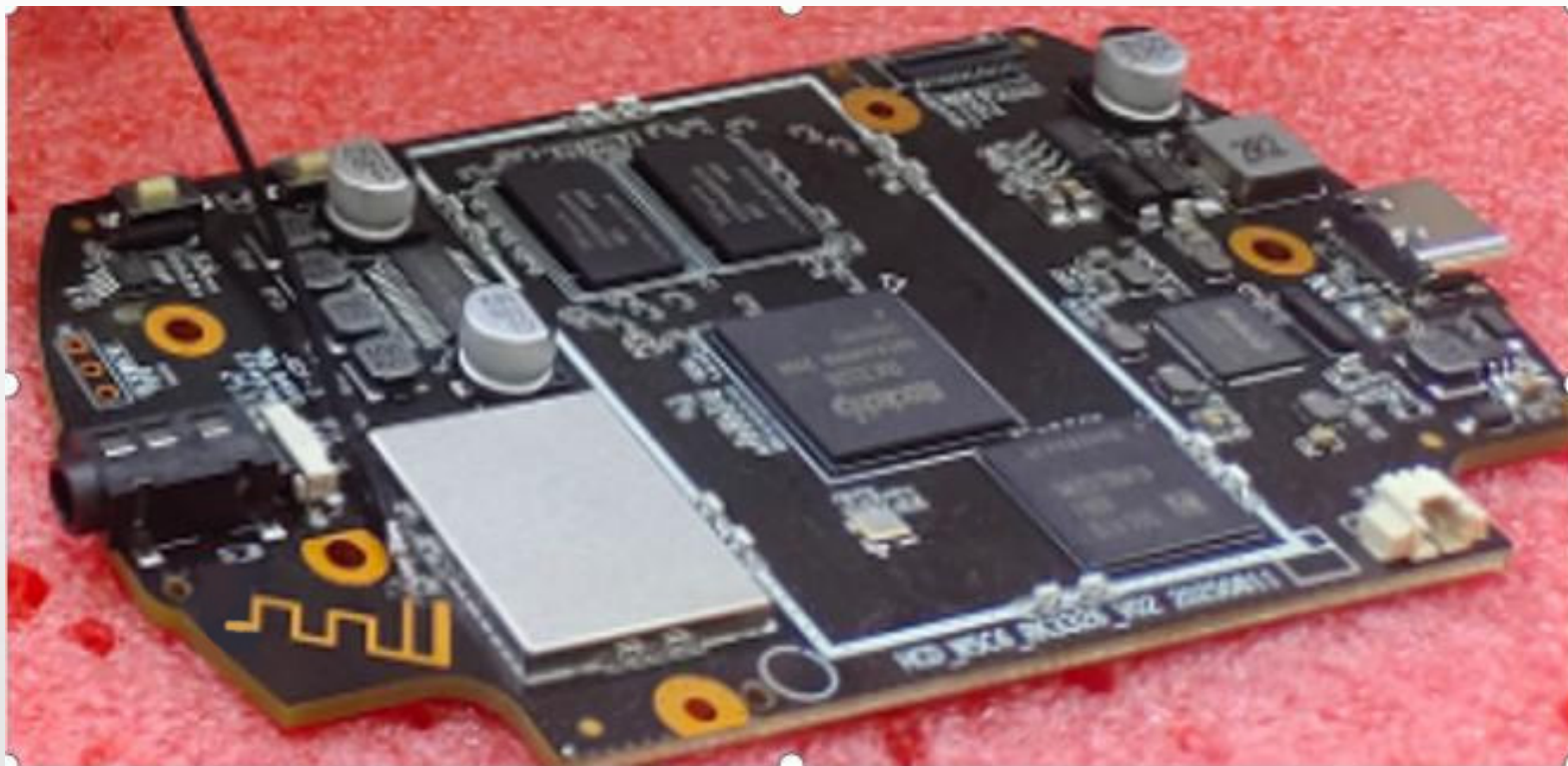




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二、天线装配图及环境处理

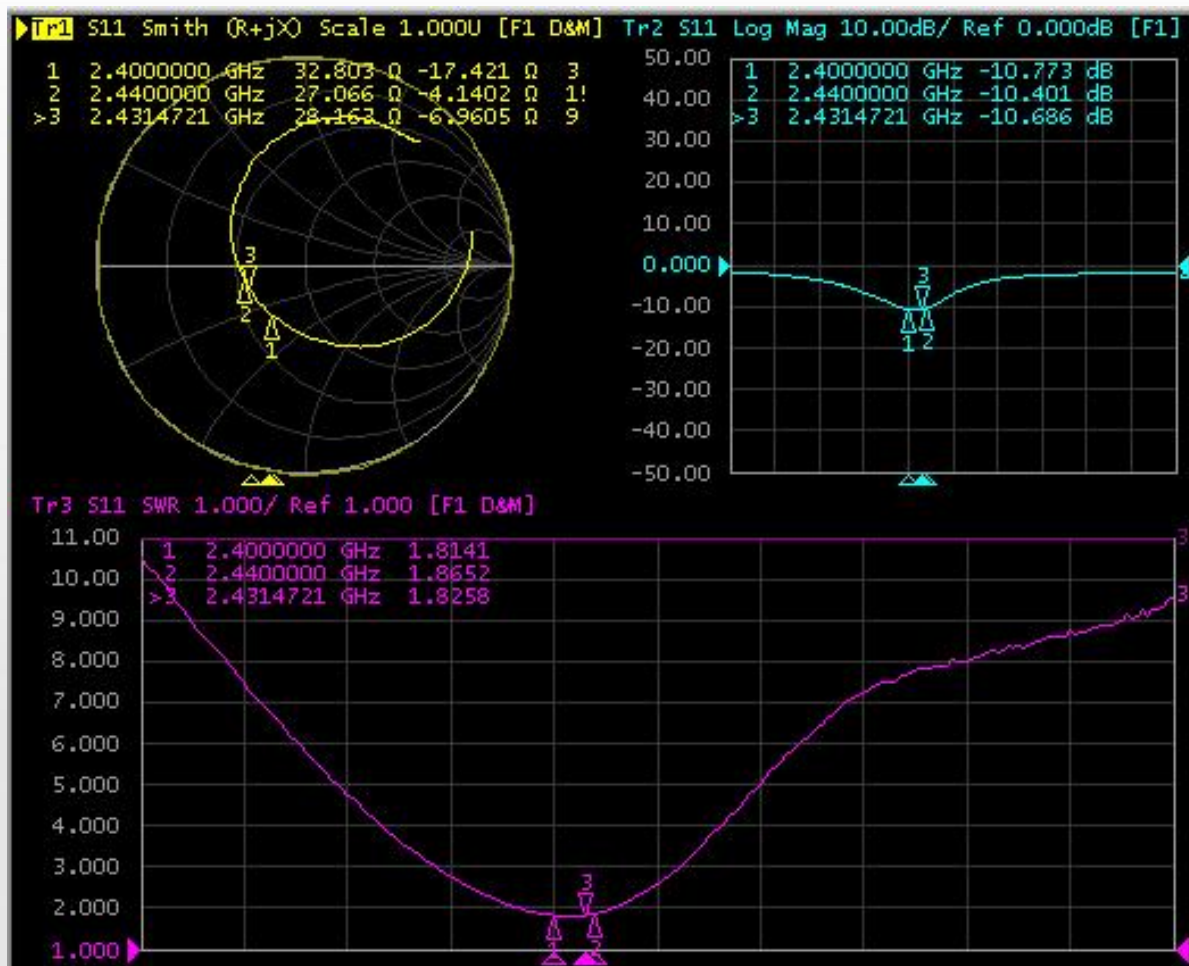




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三、WIFI天线VSWR





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四、天线效率and增益

Frequency/MHz	MaxGain/dBi	Efficiency / %
2400	1.06	52.25
2410	1.12	51.1
2420	0.61	45.49
2430	0.65	45.26
2440	0.74	45.39
2450	0.95	47.62
2460	0.65	44.65
2470	0.81	46.73
2480	0.46	44.34
2490	0.44	45.48
2500	0.33	45.75





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五、WiFi OTA测试

WIFI	Channel	TRP	TIS
802.11b	1(11M)	11.65	-79.45
	6(11M)	12.13	-79.97
	11(11M)	11.77	-78.27



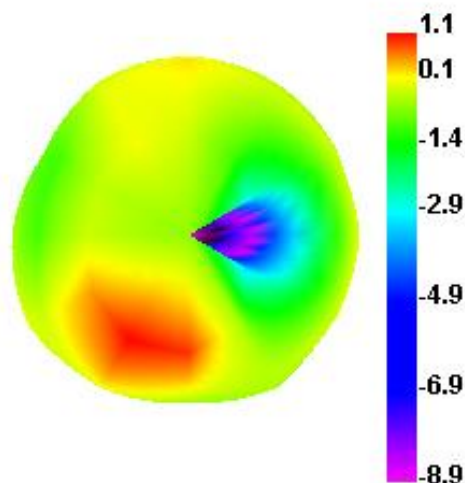


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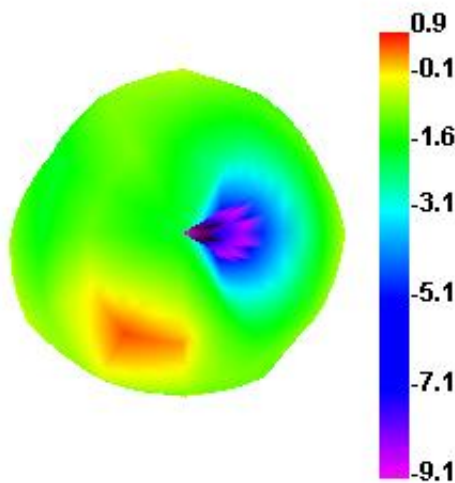
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六、WIFI天线3D图

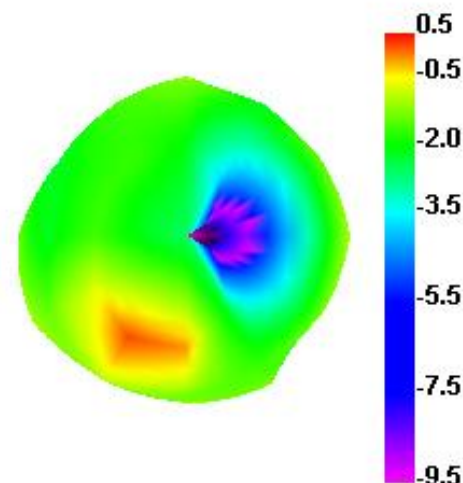
2400.000MHz



2450.000MHz



2480.000MHz

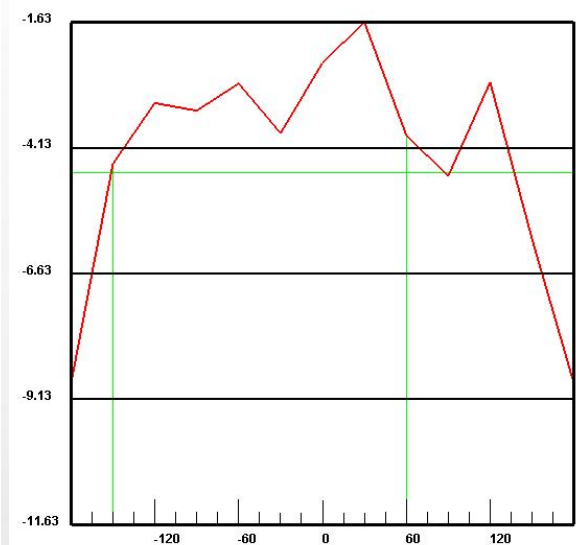




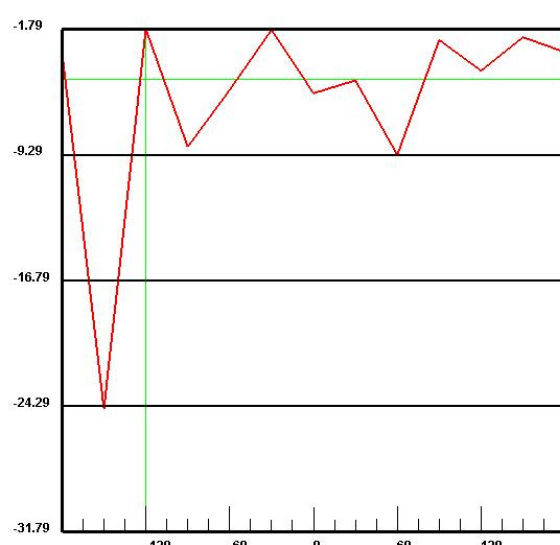
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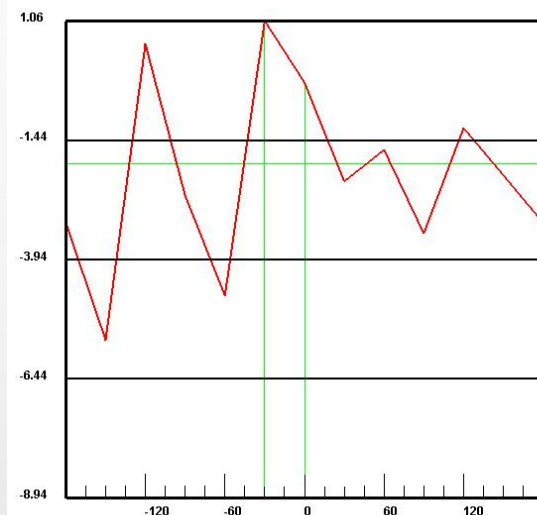
七、波瓣图-2400



H面



E1面



E2面

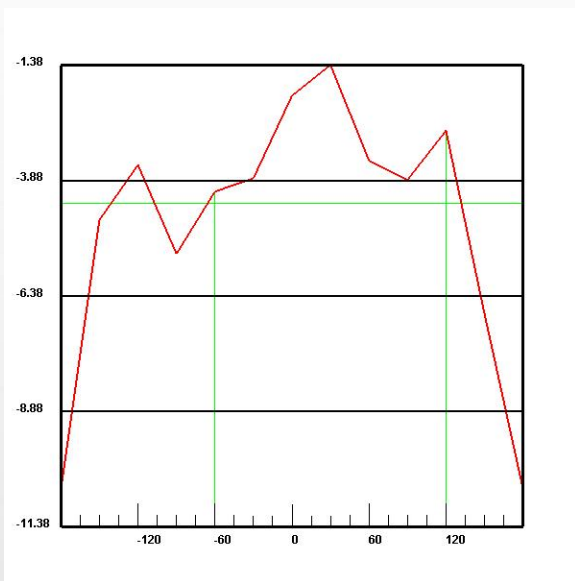




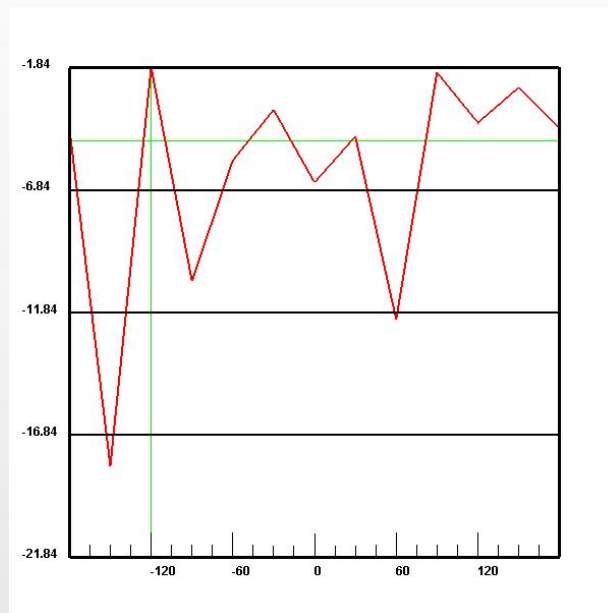
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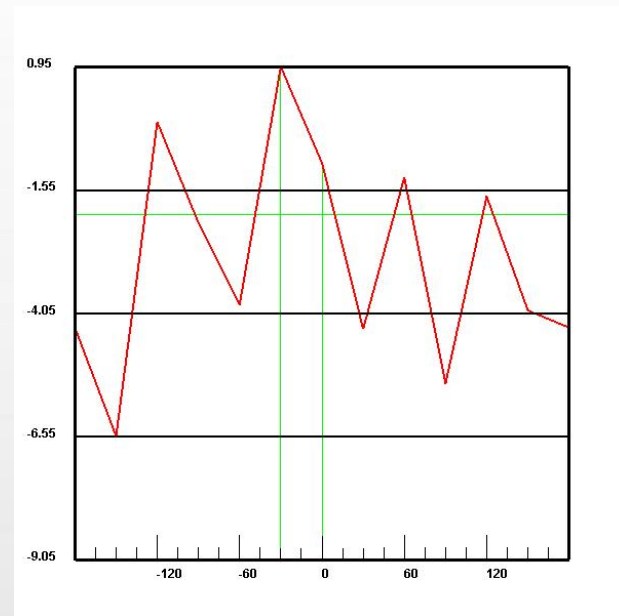
七、波瓣图-2450



H面



E1面



E2面

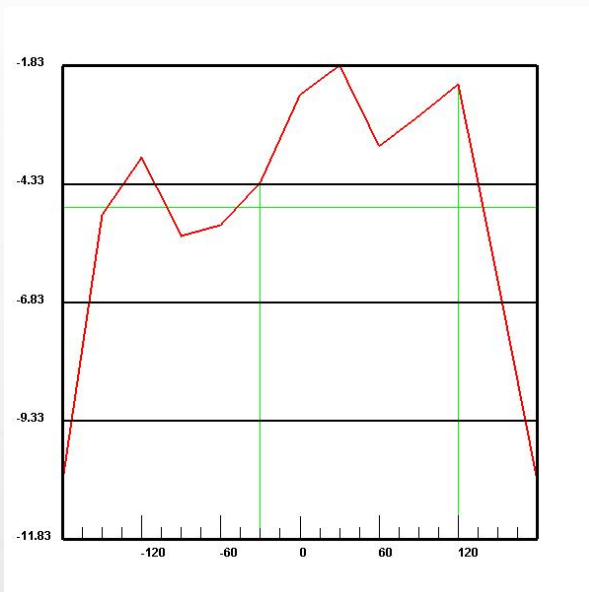




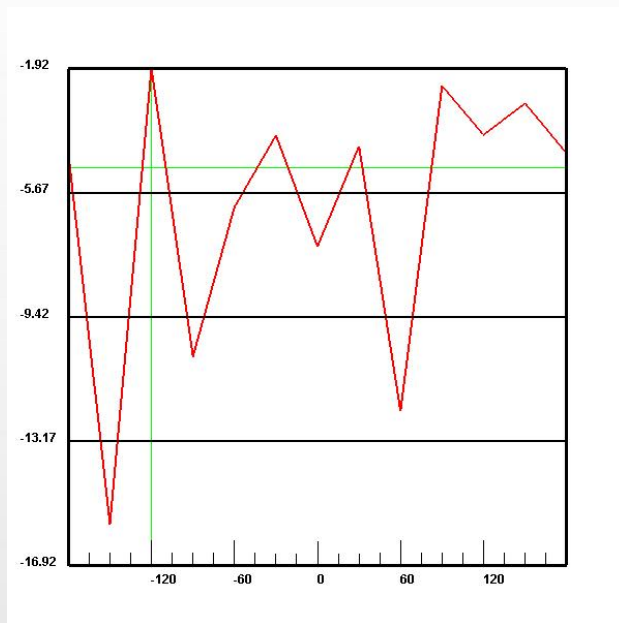
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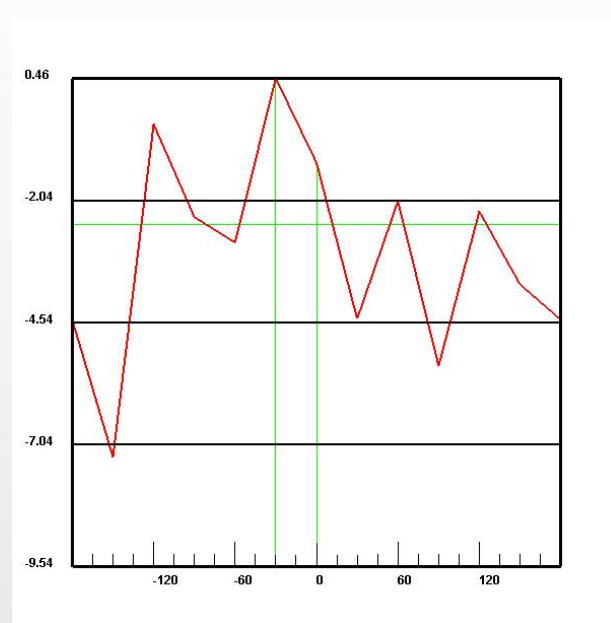
七、波瓣图-2480



H面



E1面



E2面



八、ANT SIZE

