



深圳市迎丰天线技术有限公司

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Taoyuan Street, Nanshan District, Shenzhen

MD25 串口 Test Report

客 户	欧宇
产 品	耳机
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日 期	2025-7-10
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Test equipment

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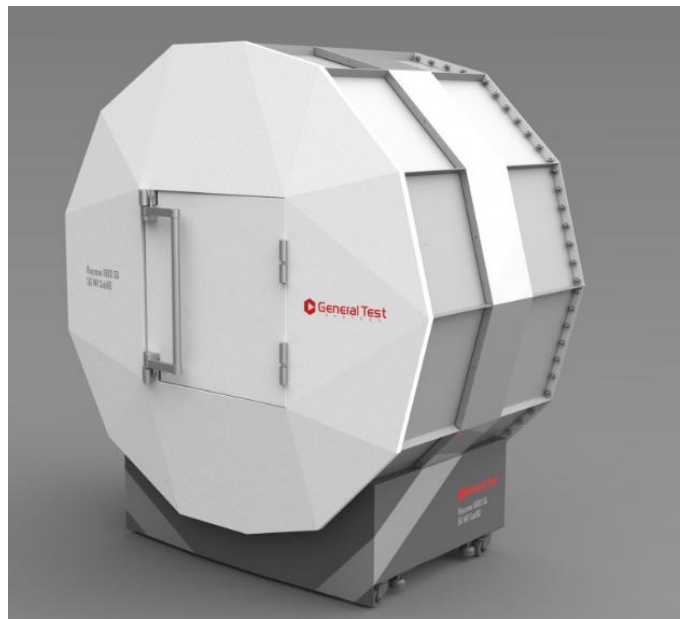
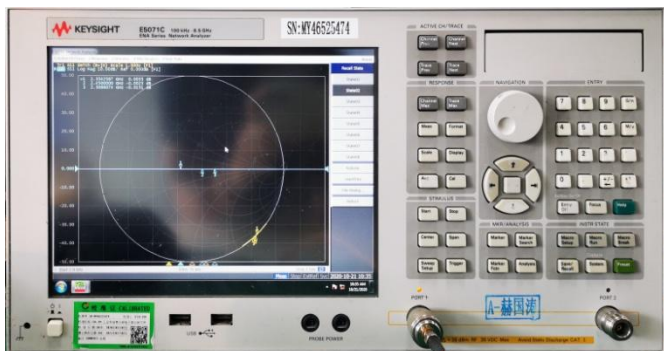
Ø Passive efficiency of the whole machine free field

Ø Free field passive field type of the whole machine



测试条件

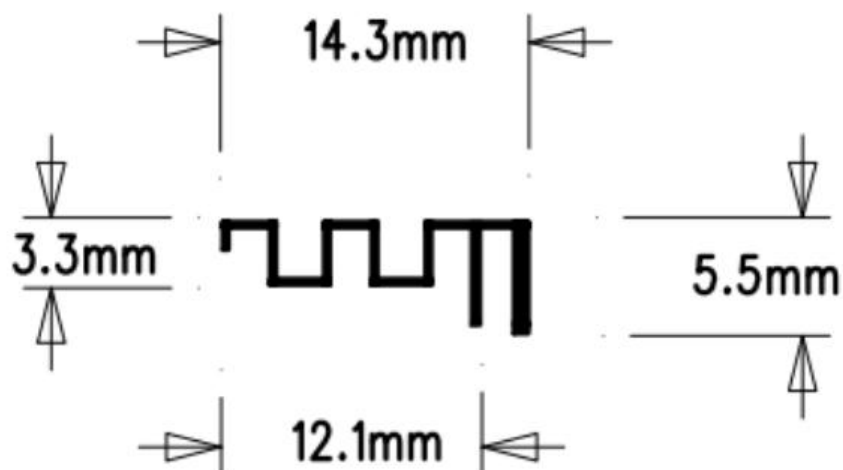
- 1. S参数测量
- 2. 设备: 网络分析仪 (Agilent E5062A), 微波暗室, MT8852B
- 3. 项目: 阻抗, 回波损耗, VSWR, 效率, 增益, 辐射场型, 灵敏度, 功率, 频偏 有源数据TRP TIS





天线尺寸图

Antenna size(mm)

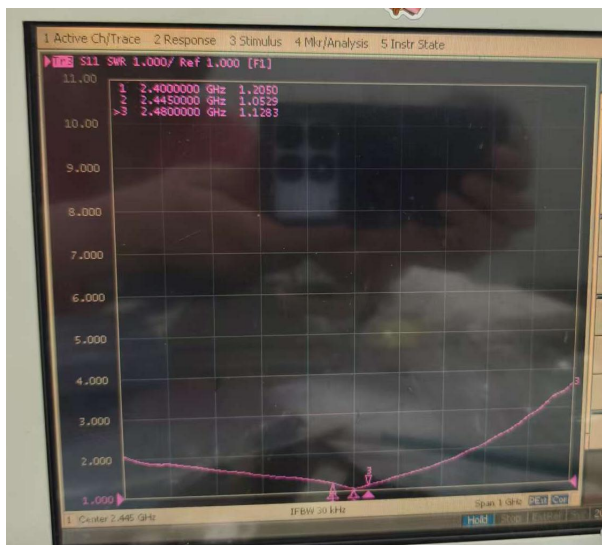




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网分调试天线S参数

驻波比



回波损耗



史密斯圆图





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整机自由场无源效率

串口.

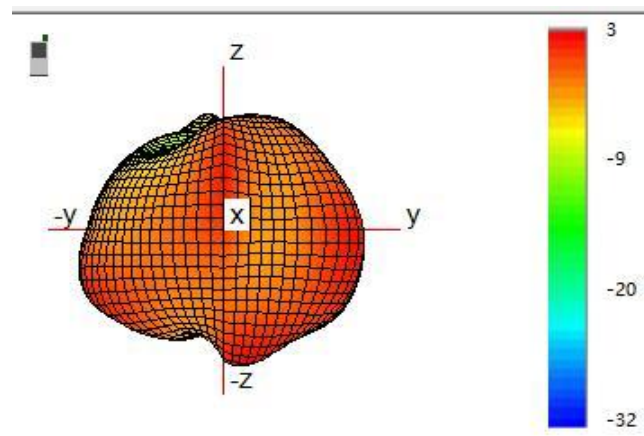
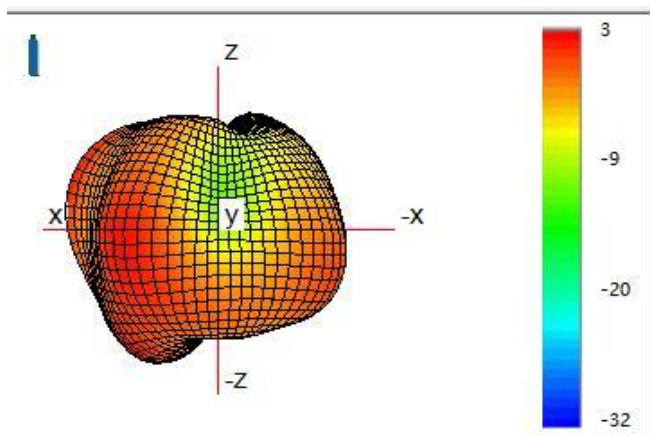
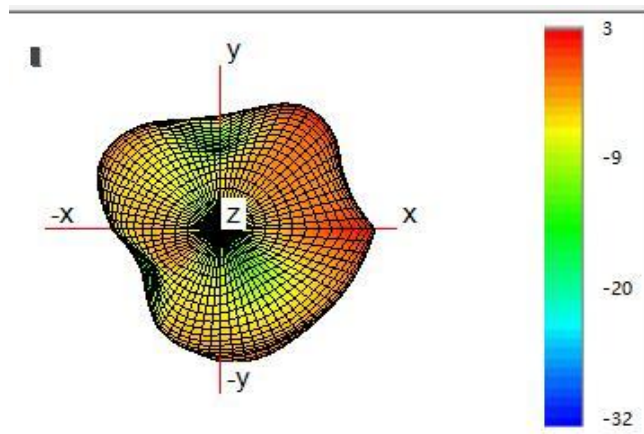
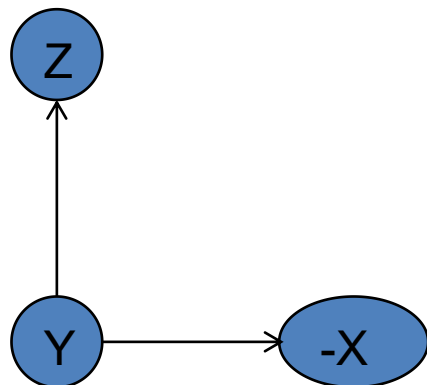
Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	2.401993903	-2.602613061	54.92103259
2410	2.432163766	-2.59920371	54.96416428
2420	2.286342656	-2.696395247	53.74777313
2430	2.371160686	-2.761247272	52.95113491
2440	2.663330008	-2.702396884	53.67354887
2450	2.713305356	-2.793722279	52.55666173
2460	2.574448975	-3.054367308	49.49522116
2470	2.777055473	-2.994850409	50.17818625
2480	2.885249043	-2.907094982	51.20242167
2490	2.829668575	-3.011512181	49.9860457
2500	2.859632451	-3.021452948	49.87176117



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整机自由场无源场型

串口. 场型图





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Thanks for Your Attention