



深圳市凯普深通讯科技有限公司

Shenzhen cape deep communication technology co., LTD

G50天线测试报告

test report

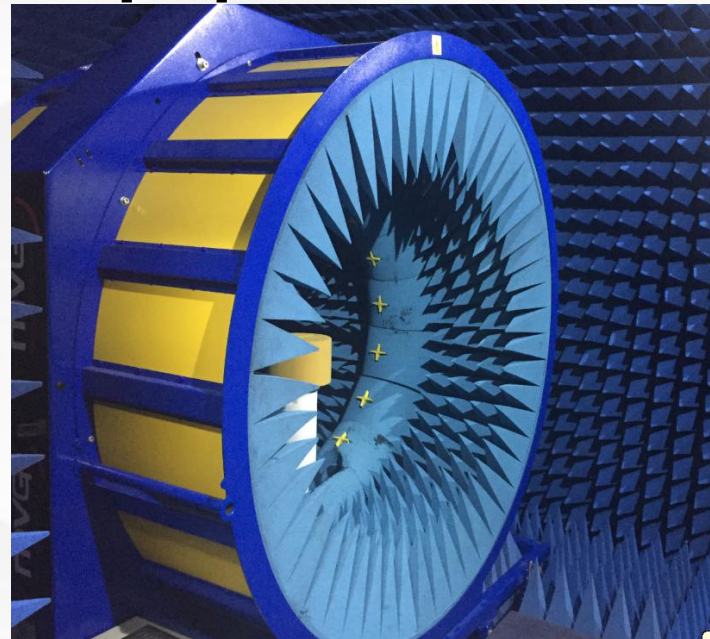
客 户： 晓巨XIAOJU
项 目：
射 频：
日 期： 2022.9.18
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实验室测试环境及设备

Environment and equipment



测试项目Test items	测试设备Test equipment
S11、S12、VSWR、LOSS	网络分析仪E5071B、E5062A
Efficiency、Gain 3D Radiation Pattern	Satimo SG16暗室、GP7*4*3暗室、E5071B
TRP、TIS	Satimo SG16暗室、GP7*4*3暗室、8960、 CMW500、MT8820C、E4438C、



项目调试简介

	整机类型 Type of complete machine			
		频段信息 Frequency band	天线形式 antenna form	
天线种类及频段信息 information	天线 antenna	2400-2480MHZ	double pole	
天线材质 material	软性电路板 FPC			



天线无源效率图 efficiency&gain

自由 Unblocking

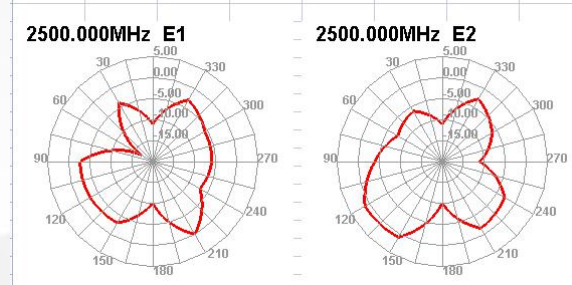
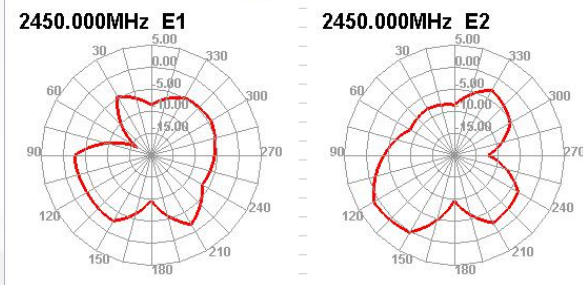
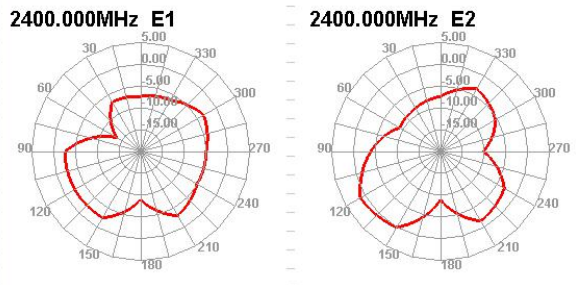
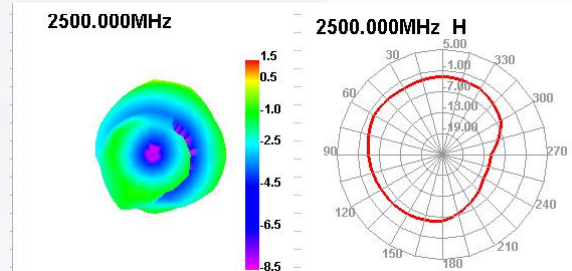
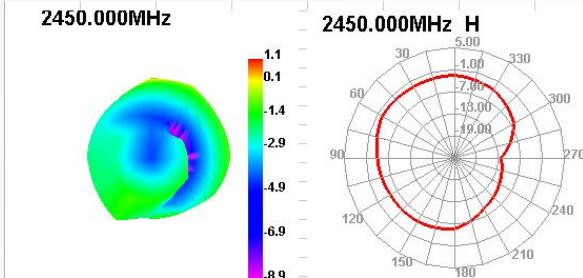
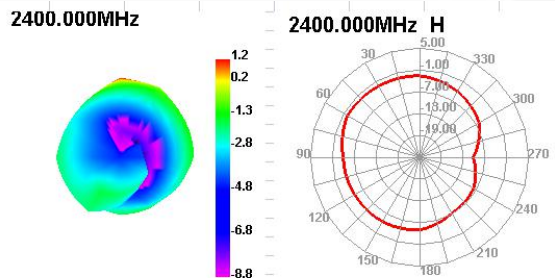
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	41.95	-3.77	1.2
2410	38.79	-4.11	1.02
2420	38.24	-4.17	0.97
2430	38.04	-4.2	0.95
2440	40.61	-3.91	1.11
2450	40.82	-3.89	1.11
2460	40.18	-3.96	1.09
2470	37.63	-4.24	0.87
2480	38.87	-4.1	0.94
2490	41.34	-3.84	1.13
2500	39.42	-4.04	0.55



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天线无源苹果图 Wireless Passive Apple Image

自由状态 free state



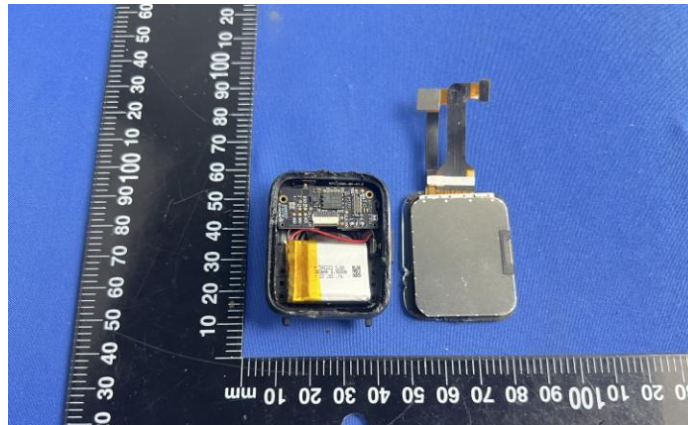
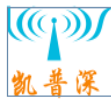
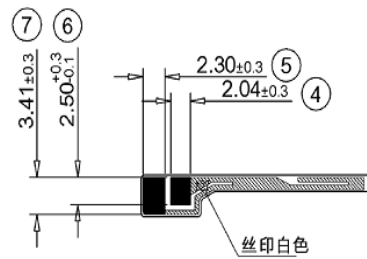


Figure antenna structure



天线实物图片Physical picture



Antenna size
unit: mm

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