



深圳市德仕勤科技有限公司

DOSKING Antenna Test Report



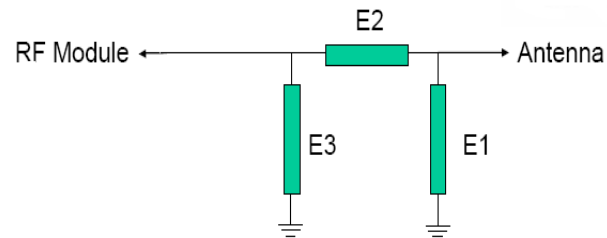
客户名称	澎湃
项目名称	M30B
调试频段	WiFi
版本号	V1.0
射频工程	陈彦博
联系方式	15819113311
报告时间	2024 年 5 月 9 日

1.The Equipment of Active Test

1. ETS Chamber 7×4×3(m)/3*3*3 (m) (3D 暗室)
2. 矢量网络分析仪(无源测试仪)
3. Network analyzer-5071E/B/Comprehensive measuring instrument-8960/LTE-RS-CMW500/MT8820C

支持 2G、3G、4G/BT、WIFI、NB

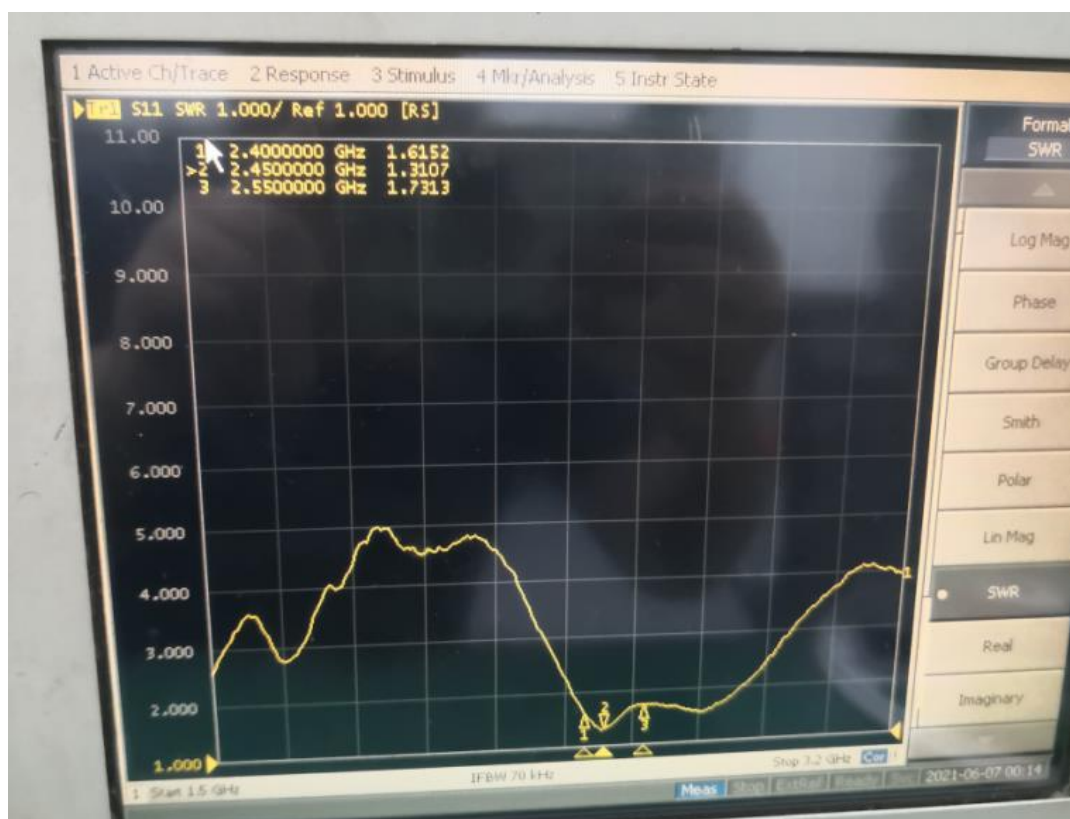
2.Matching Circuit 主天线 (匹配无更改)



Element	匹配值
E1	
E2	
E3	

注：

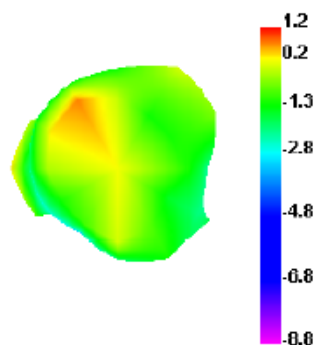
3: Passive standing wave diagram



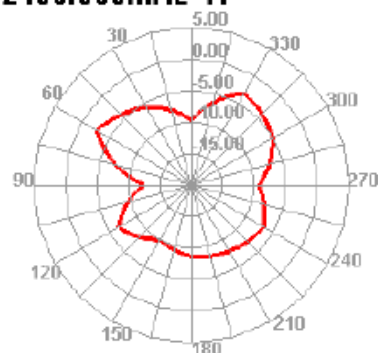
4: Passive efficiency/gain

2.4G-WiFi		
Freq	Effi	Gain
(MHz)	(%)	(DBi)
2400	34.05	0.41
2420	36.36	0.5
2460	37.55	0.74
2480	40.51	0.98
2500	42.66	1.11

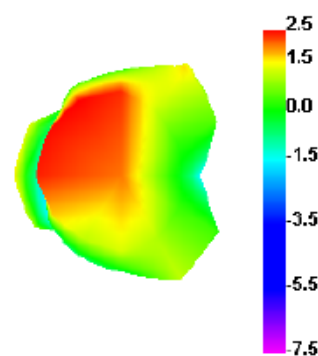
2400.000MHz



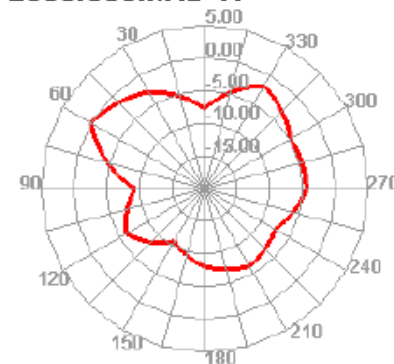
2400.000MHz H



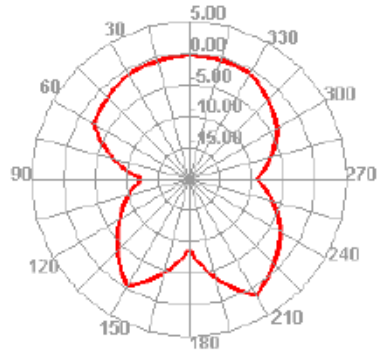
2500.000MHz



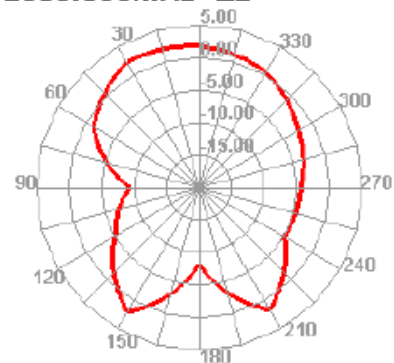
2500.000MHz H



2400.000MHz E2



2500.000MHz E2



5. Active data

	2.4GHZ WIFI 天线		
	1	6	11
TRP	11.68	12.05	11.70
TIS	-84.24	-82.94	-84.10

6. Antenna

