

BT Antenna report

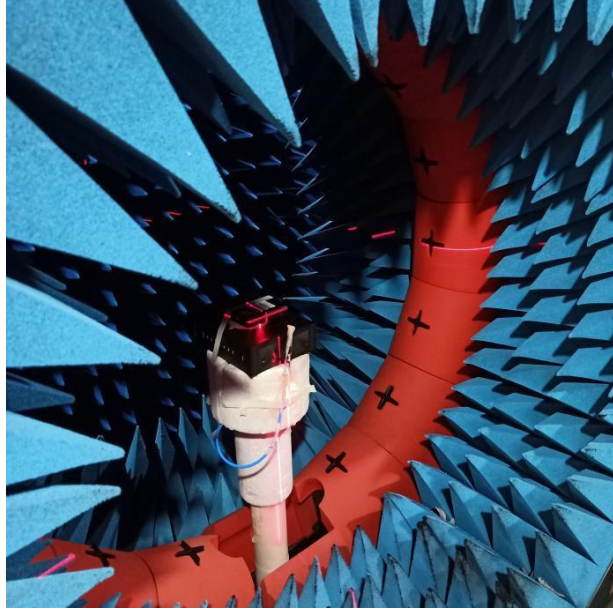
一、天线及测试环境图

1、 Antenna and test environment diagram



天线环境

Antenna environment

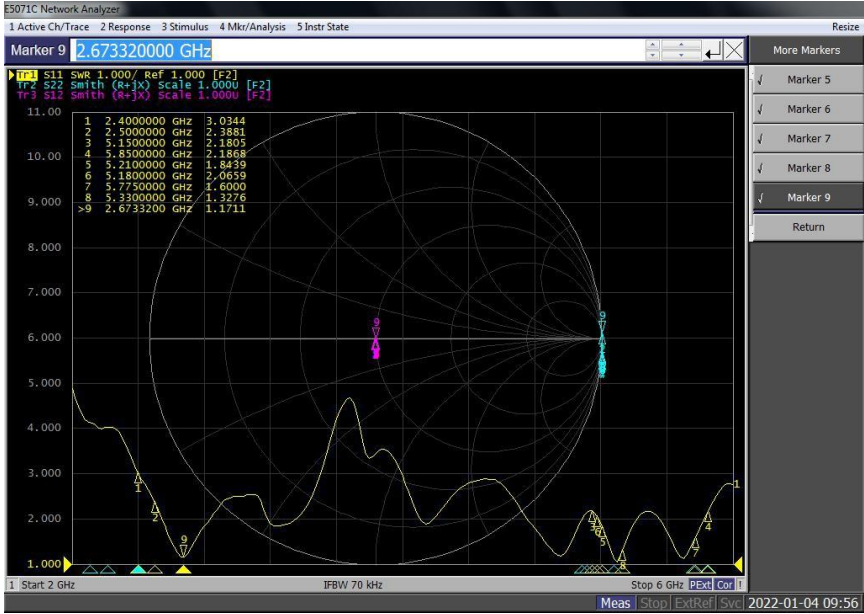


测试环境
test environment

二、BT 天线驻波比与最近 WIFI 天线隔离度

2、 Isolation between standing wave ratio of BT antenna and nearest WIFI antenna

BT 天线驻波比图 VSWR of BT antenna

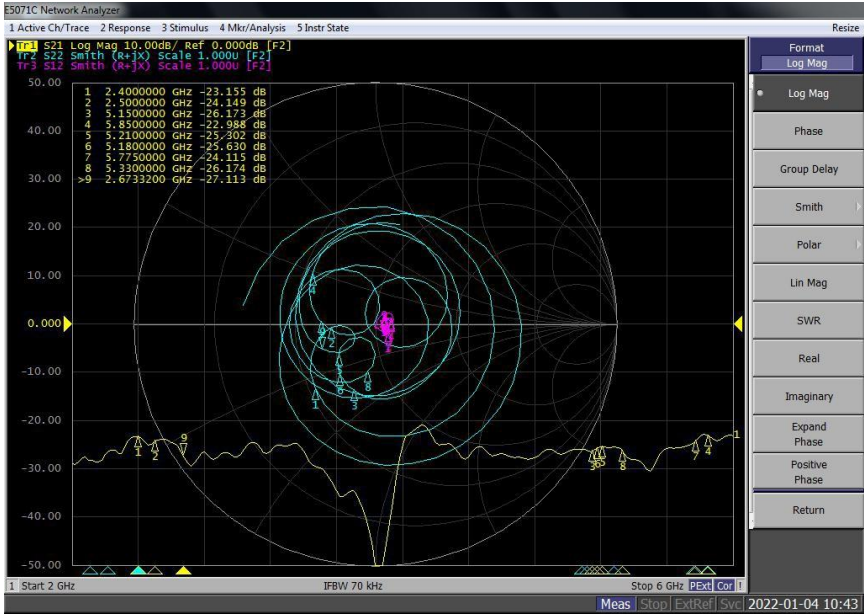


BT 天线驻波比值 VSWR

频率 (MHz)	2400	2500	5150	5180	5210	5330	5775	5825	5850
驻波比 VSWR	3.0	2.3	/	/	/	/	/	/	/

BT 天线与最近 WIFI 天线隔离度图

Isolation of BT antenna and the nearest WIFI antenna



天线隔离度值 (一) Isolation(1)

频率 MHz	2400	2500	5150	5180	5210	5330	5775	5825	5850
隔离度 dBi	-23.1	-24.1	-26.1	-25.6	-25.3	-26.1	-24.1	-22.7	-22.9

三、天线增益和天线效率

3、Antenna gain and antenna efficiency

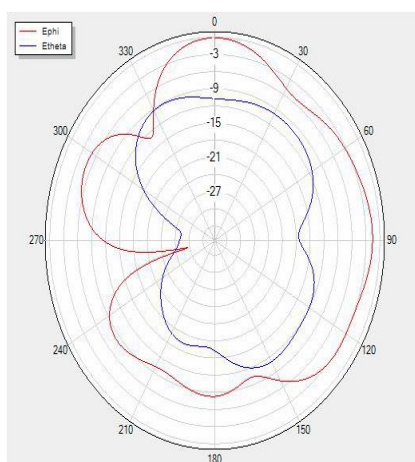
BT 天线 BT Antenna

Gain&Efficiency 增益和效率						
frequency 频率(MHz)	gain 增益(dBi)	mingain 最小增益 (dBi)	CP Gain 交叉极化 最大增益 (dBi)	CO Gain 主极化最 大增益 (dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	-2.81	-31.62	-6.33	-3.05	-9.01	12.55
2410	-2.36	-35.37	-5.84	-2.6	-8.56	13.95
2420	-2.11	-33.27	-5.55	-2.37	-8.16	15.26
2430	-2.69	-30.07	-5.85	-2.93	-8.56	13.94
2440	-1.51	-24.67	-4.31	-1.78	-7.27	18.76
2450	-2.31	-23.36	-5.07	-2.99	-8.09	15.53
2460	-1.56	-21.29	-3.95	-2.28	-7.16	19.25
2470	-1.33	-20.91	-3.62	-2.12	-6.93	20.27
2480	-1.64	-21.07	-3.84	-2.47	-7.27	18.77
2490	-1.02	-20.65	-3.48	-1.85	-6.73	21.21
2500	-1.88	-21.53	-3.88	-2.71	-7.24	18.88

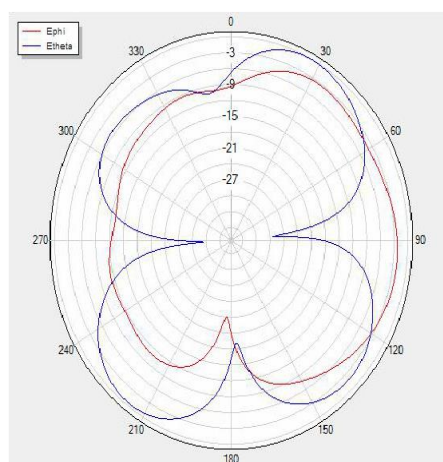
四、天线方向图

4、Antenna pattern

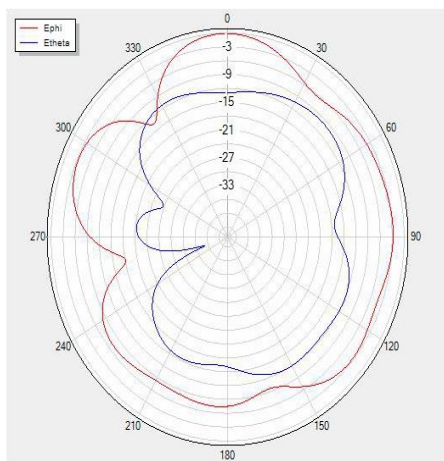
H Theta=90 freq=2400MHz



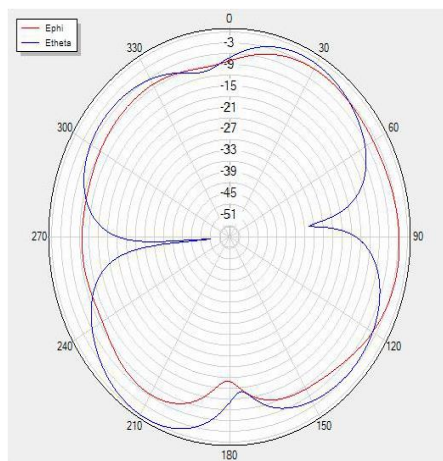
V Phi=90 freq=2400MHz



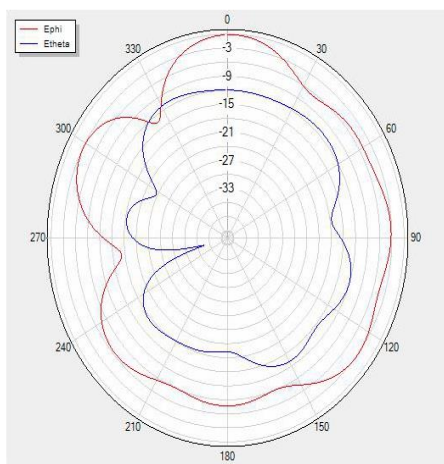
H Theta=90 freq=2450MHz



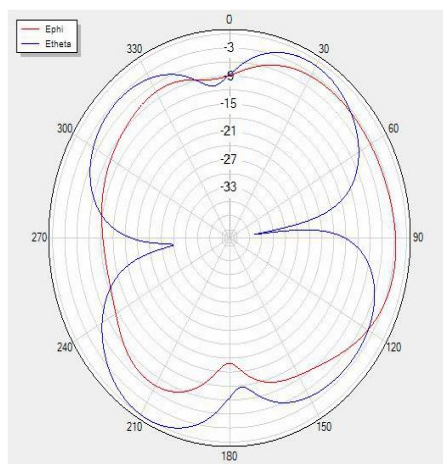
V Phi=90 freq=2450MHz



H Theta=90 freq=2500MHz



V Phi=90 freq=2500MHz



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