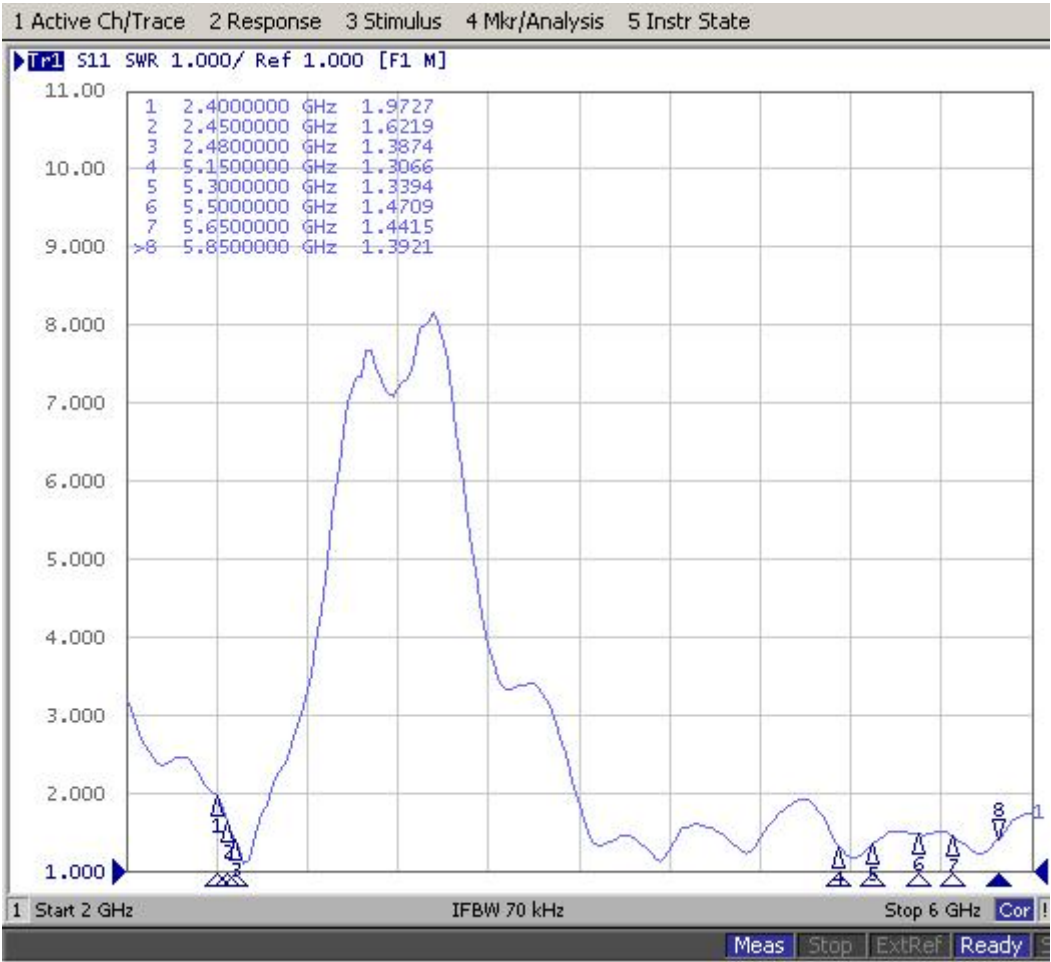


Electrical technical parameters

电 性 能 指 标		Electrical Specifications	
频率范围	2400~2500/5150~5850MHz	Frequency Range	2400~2500/5150~5850MHz
电压驻波比	≤2.0	VSWR	≤2.0
输入阻抗	50 Ω	Input Impedance	50 Ω
增益	2dBi/2.28dBi	Gain	2dBi/2.28dBi
最大输入功率	50W	Maximum Input Power	50W
机 械 指 标		Mechanical Specifications	
天线颜色	黑色	Antenna Color	BLACK
接口形式	IPEX 一代	Input connector	IPEX 1
天线线长	100mm	Cable length	100mm
工作温度	-40℃~+85℃	Working Temperature	-40℃~+85℃
工作湿度	20~80%	Working Humidity	20~80%

2. Antenna performance

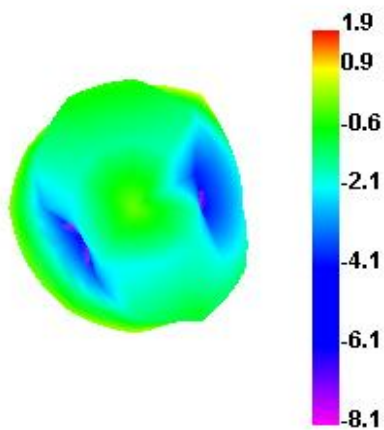
SWR



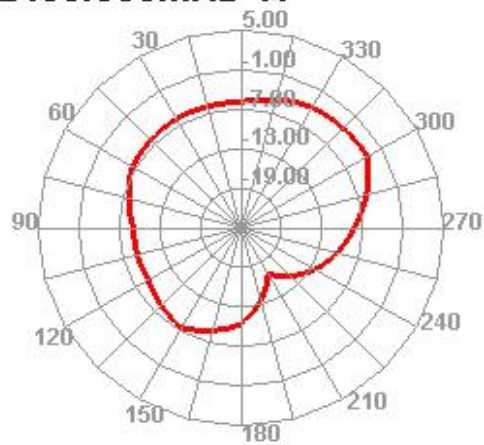
3. Antenna efficiency and gain

Passive Test For WIFI2.4		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	44.93	2.00
2410	44.09	1.79
2420	40.31	1.43
2430	40.26	1.36
2440	42.99	1.6
2450	46.49	1.89
2460	45.39	1.62
2470	48.07	1.77
2480	49.25	1.73
2490	52.8	1.81
2500	53.65	1.84

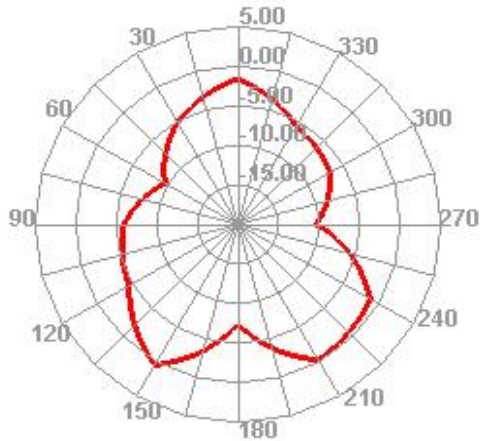
2450.000MHz



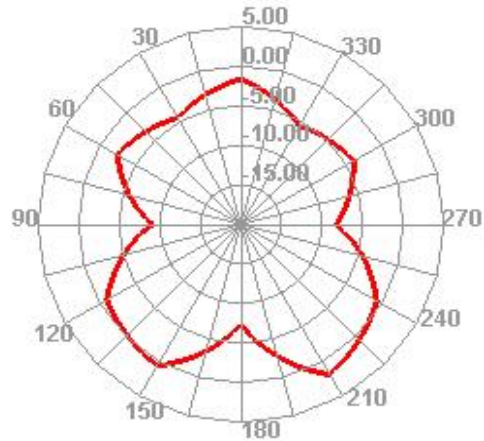
2450.000MHz H



2450.000MHz E1

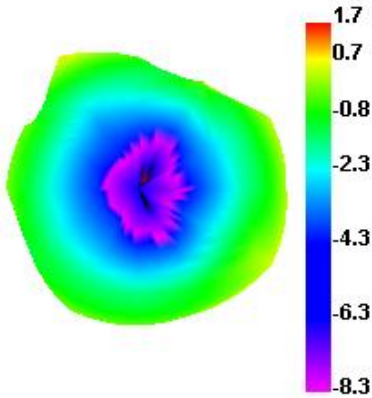


2450.000MHz E2

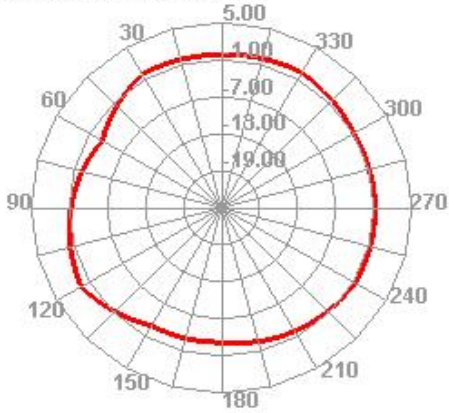


Passive Test For WIFI5.8		
Freq (MHz)	Effi (%)	Gain (dBi)
5150	57.65	1.29
5200	52.36	2.00
5250	46.79	0.16
5300	49.36	0.4
5350	58.05	1.13
5400	65.74	1.8
5450	58.96	1.53
5500	60.61	1.74
5550	63.45	2.28
5600	60.14	2.21
5650	56.98	2.02
5700	56.92	1.78
5750	59.28	2.00
5800	54.71	1.05
5850	47.4	0.66

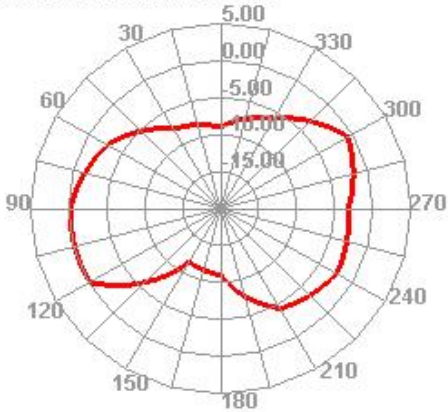
5500.000MHz



5500.000MHz H



5500.000MHz E1



5500.000MHz E2

