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天线调试报告

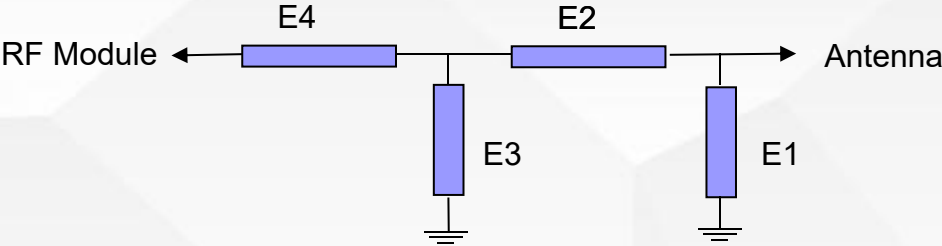
Antenna debugging report

项目调试简介

Introduction to Project Debugging

		频段信息 Frequency band information	
天线种类及频段信息 Antenna type and frequency band information			
	BT	2402M-2480M	
	5G WIFI	5180M-5240M 5745M-5825M	
天线材质 Antenna material	FPC		

WIFI天线匹配电路



	Element	Value	
	E1(0201)		
	E2(0201)		
	E3(0201)		

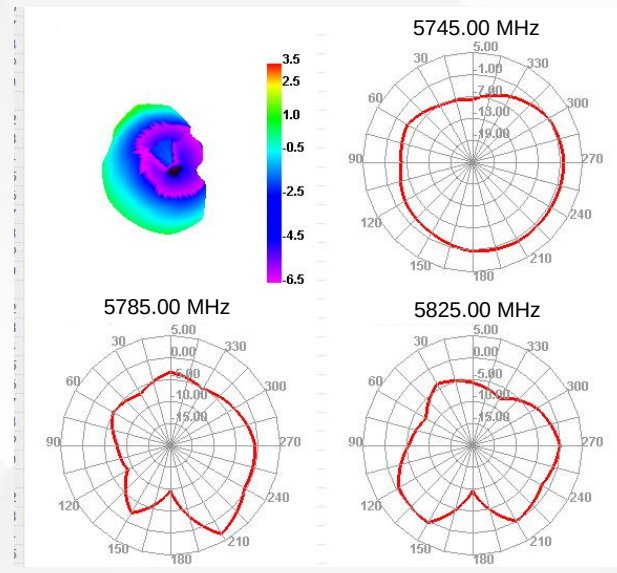
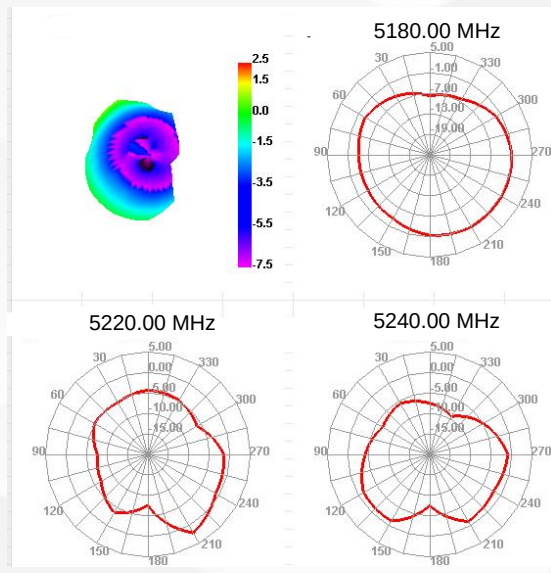
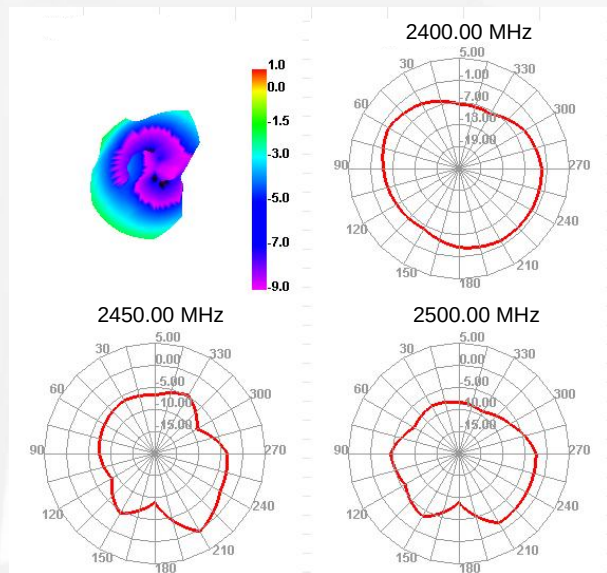
WIFI效率测试数据

WIFI efficiency test data

Passive Test For WIFI2.4												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	49.28	-3.07	1.95	-0.2	17.126	31.668	1.95	-14.21	5.06	0	53.32	53.6
2450	49.06	-3.09	2.1	-0.05	17.033	32.025	2.1	-13.95	5.2	0	53.27	53.4
2500	54.6	-2.63	2.6	0.45	18.693	35.911	2.6	-13.23	5.23	30	53.48	53.8
5180	54.88	-2.61	2.75	0.6	18.66	36.222	2.75	-12.6	5.36	30	53.56	53.8
5220	60.59	-2.18	3.31	1.16	20.573	40.014	3.31	-10.97	5.49	0	53.98	54.2
5240	60.78	-2.16	3.47	1.32	20.579	40.201	3.47	-9.66	5.63	0	54.03	54.1
5745	57.22	-2.42	3.4	1.25	19.263	37.959	3.4	-8.67	5.83	0	53.82	54.0
5785	52.8	-2.77	3.4	1.25	17.464	35.331	3.4	-9.09	6.17	0	53.87	53.9
5825	51.81	-2.86	3.43	1.28	17.005	34.802	3.43	-9.74	6.29	0	53.98	54.1

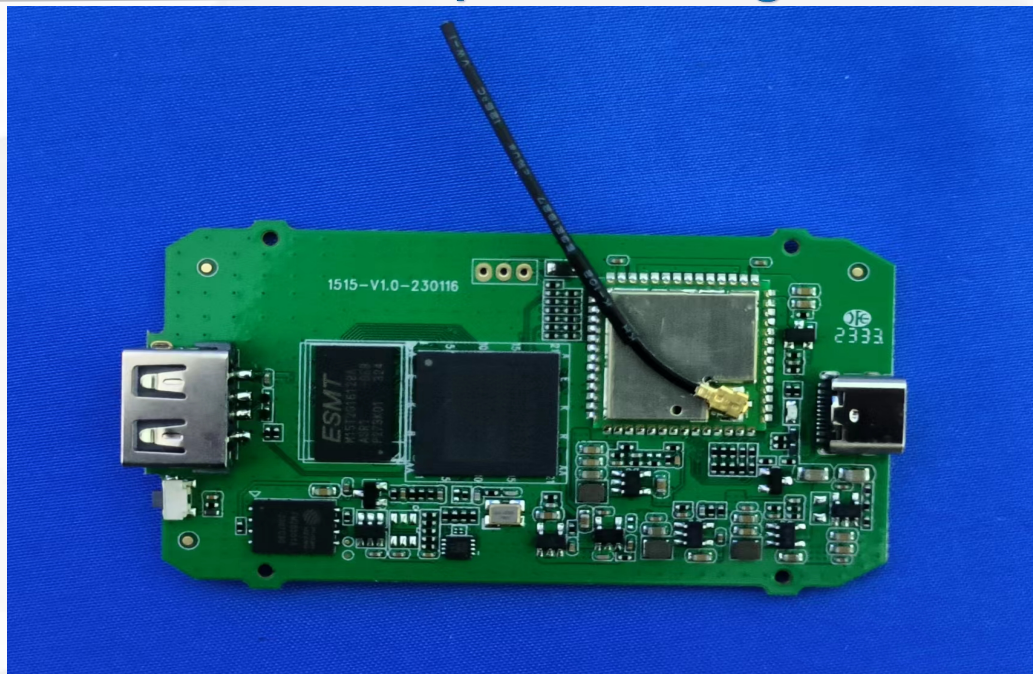
2D方向图 2D directional map

3D苹果图 3D Apple Image



天线位置图

Antenna position diagram



天线采用FPC+同轴线方式

The antenna adopts FPC+coaxial line mode

Antenna size:

