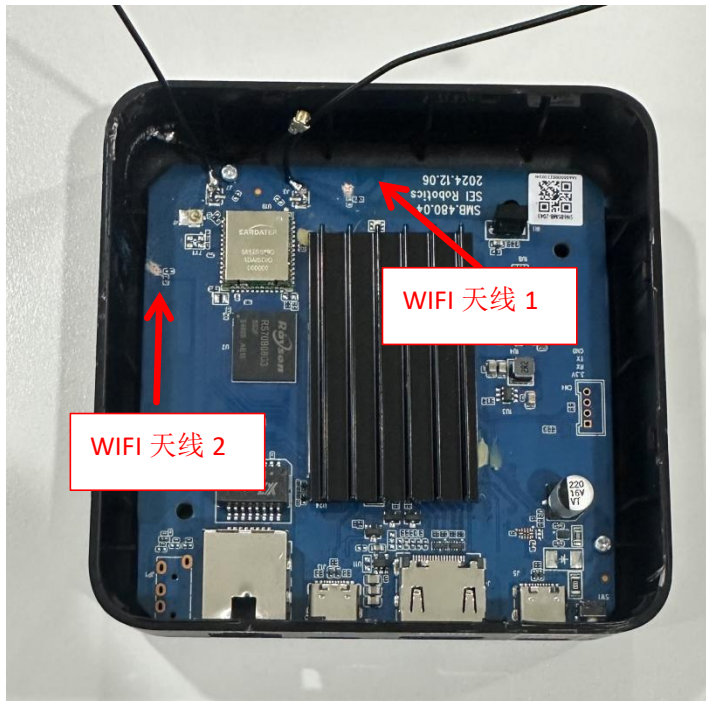


Shenzhen Internet of Everything Communication Co., LTD
No. 3, 6th Floor, Unit 4, Building 3, Tian'an Industrial Zone, Chegongmiao,
Futian District, Shenzhen, China

Antenna Specification

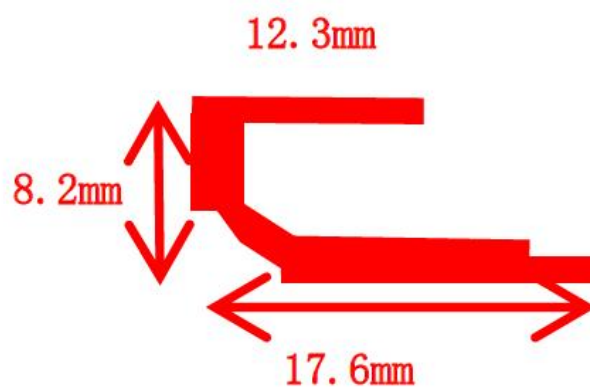
Model: PCB ANT

一、Antenna and test environment diagram

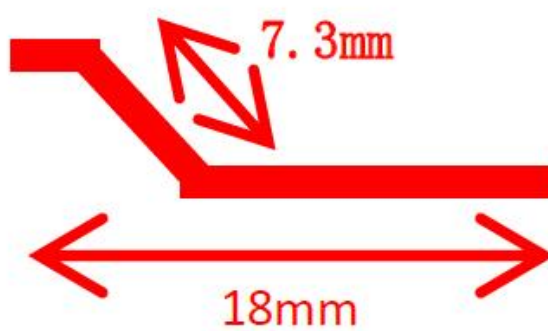




Antenna Dimension



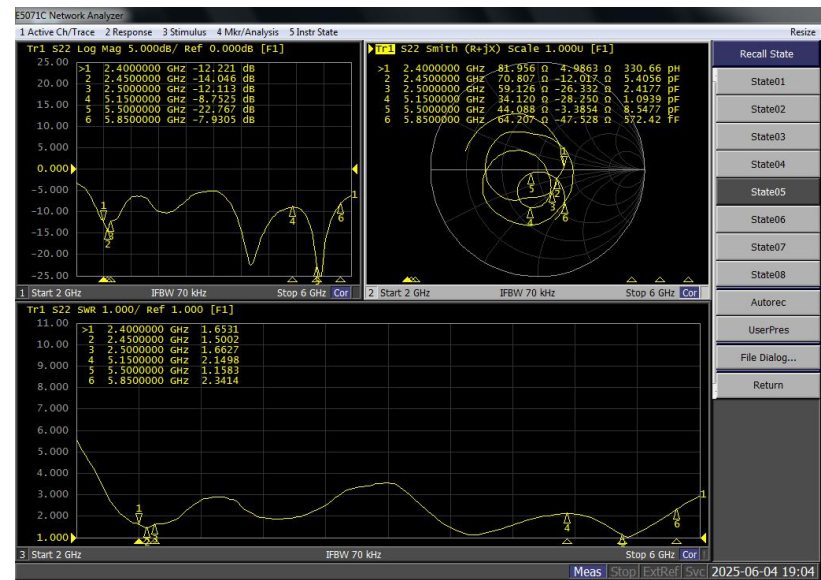
WIFI ANT 1



WIFI ANT 2

二、VSWR

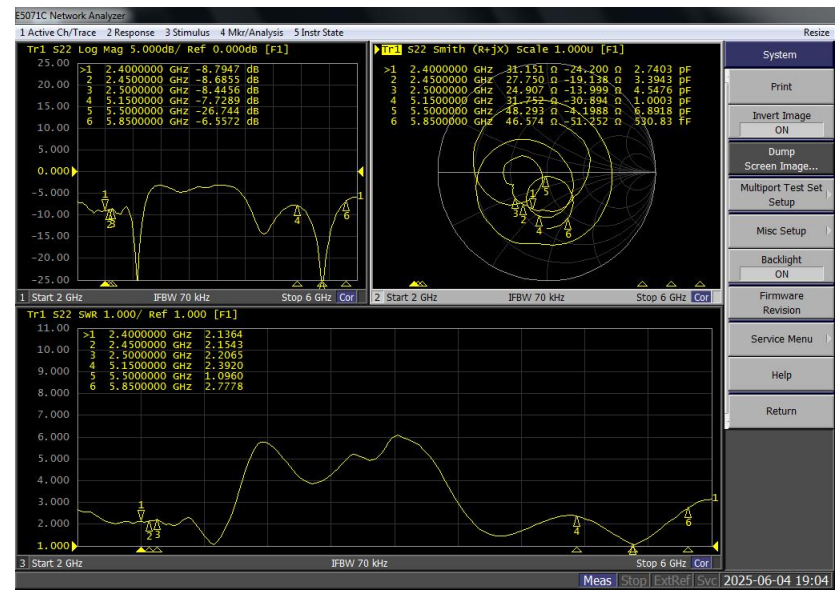
ANT 1



V.S.W.R

Freq/GHz	2.4	2.45	2.5	5.15	5.5	5.85
VSWR	1.6	1.5	1.6	2.1	1.1	2.3

ANT 2



V.S.W.R

Freq/GHz	2.4	2.45	2.5	5.15	5.5	5.85
VSWR	2.1	2.1	2.2	2.3	1.0	2.7

三、Gain&Efficiency

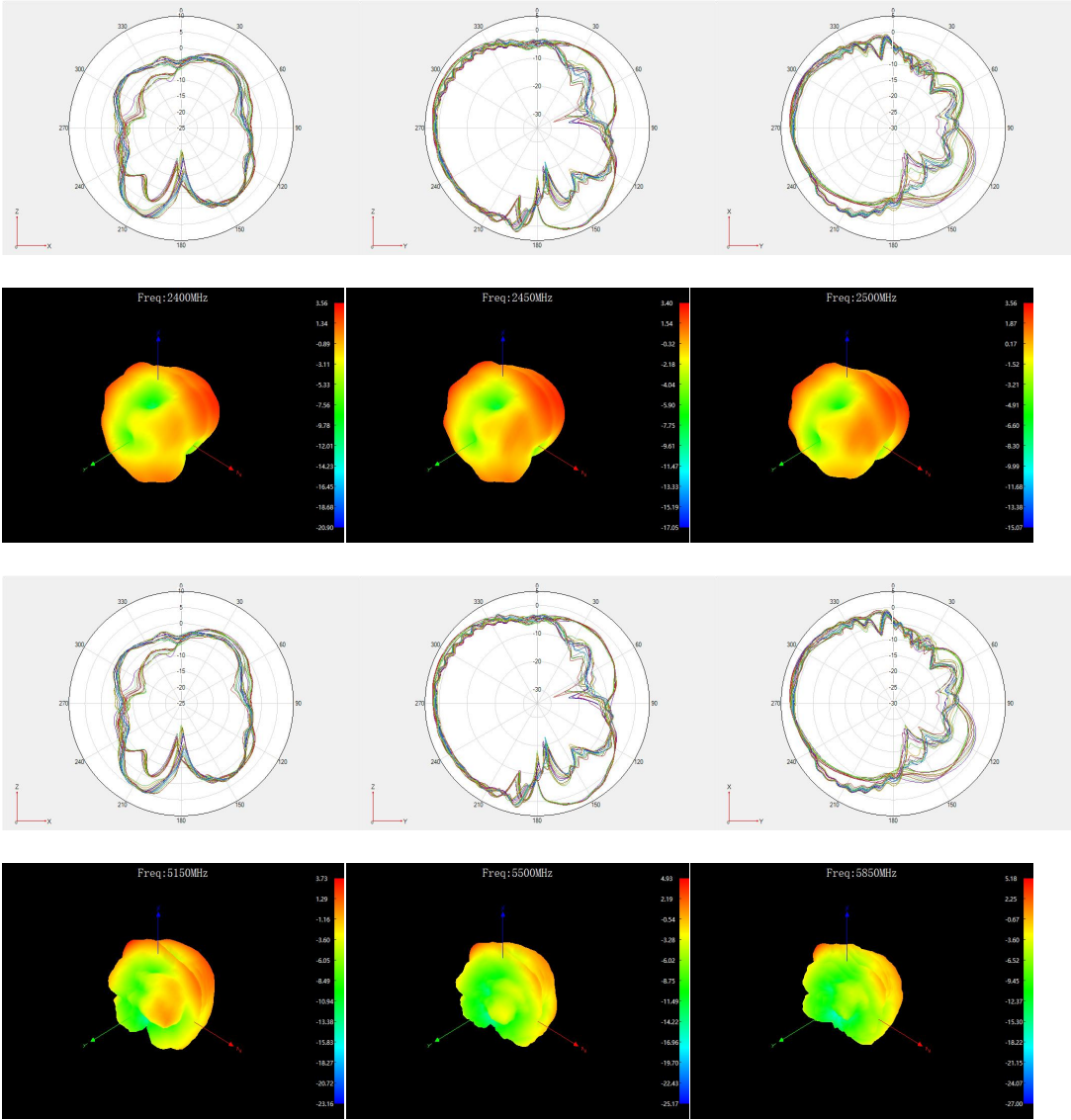
ANT 1

Gain&Efficiency 增益和效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	3.56	-1.25	74.99
2410	3.46	-1.25	74.99
2420	3.35	-1.32	73.79
2430	3.45	-1.47	71.29
2440	3.19	-1.41	72.28
2450	3.4	-1.26	74.82
2460	3.55	-1.2	75.86
2470	3.53	-1.39	72.61
2480	3.39	-1.62	68.87
2490	3.43	-1.63	68.71
2500	3.56	-1.47	71.29
Gain&Efficiency 增益和效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
5150	3.73	-1.83	65.61
5200	4.26	-1.84	65.46
5250	4.76	-1.77	66.53
5300	4.96	-1.95	63.83
5350	5	-2.14	61.09
5400	5.13	-2.1	61.66
5450	5.01	-1.97	63.53
5500	4.93	-2.22	59.98
5550	5.02	-2.22	59.98
5600	5.19	-2.1	61.66
5650	5.05	-2.19	60.39
5700	5.01	-2.32	58.61
5750	5.16	-2.27	59.29
5800	5.37	-2.2	60.26
5850	5.18	-2.35	58.21

ANT 2

Gain&Efficiency 增益和效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	2.64	-1.77	66.53
2410	2.82	-1.69	67.76
2420	3	-1.58	69.5
2430	2.99	-1.7	67.61
2440	2.38	-1.9	64.57
2450	2.4	-1.99	63.24
2460	2.55	-1.88	64.86
2470	2.71	-1.87	65.01
2480	2.7	-1.95	63.83
2490	2.46	-2.02	62.81
2500	2.25	-2.15	60.95
Gain&Efficiency 增益和效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
5150	5.87	-1.62	68.92
5200	5.47	-1.60	69.22
5250	5.52	-1.53	70.3
5300	5.17	-1.79	66.24
5350	4.67	-2.06	62.29
5400	4.63	-2.14	61.08
5450	4.73	-2.15	60.94
5500	4.67	-2.53	55.84
5550	5.05	-2.61	54.88
5600	5.02	-2.60	55
5650	5.25	-2.72	53.47
5700	5.09	-2.90	51.31
5750	5.28	-2.87	51.64
5800	5.61	-2.72	53.47
5850	5.72	-2.76	53

四、2D3D 方向图
天线 1



ANT 2

