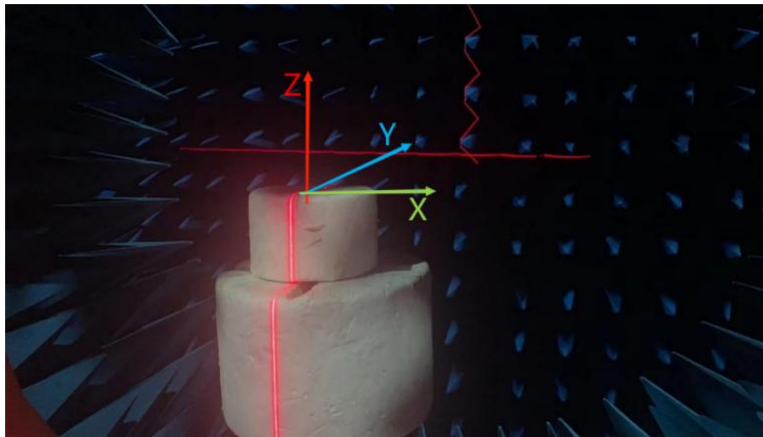


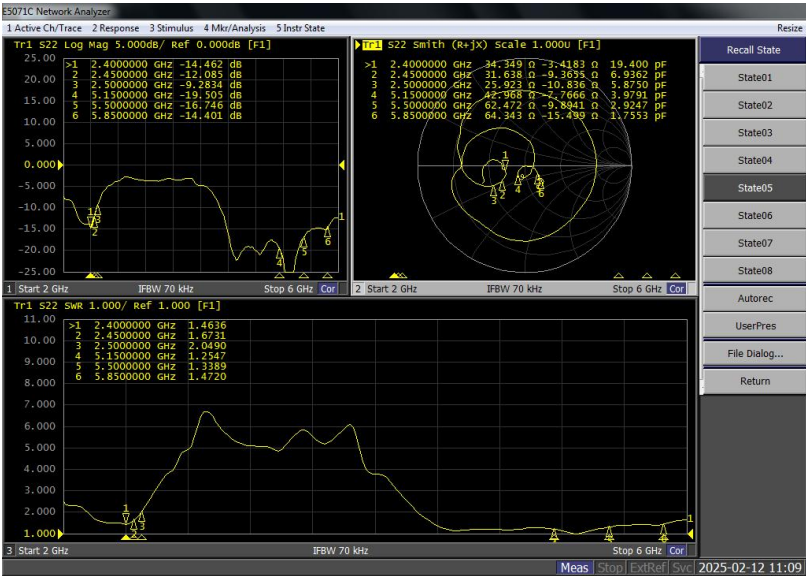
Antenna Specification

一、天线及测试环境图



二、天线驻波比

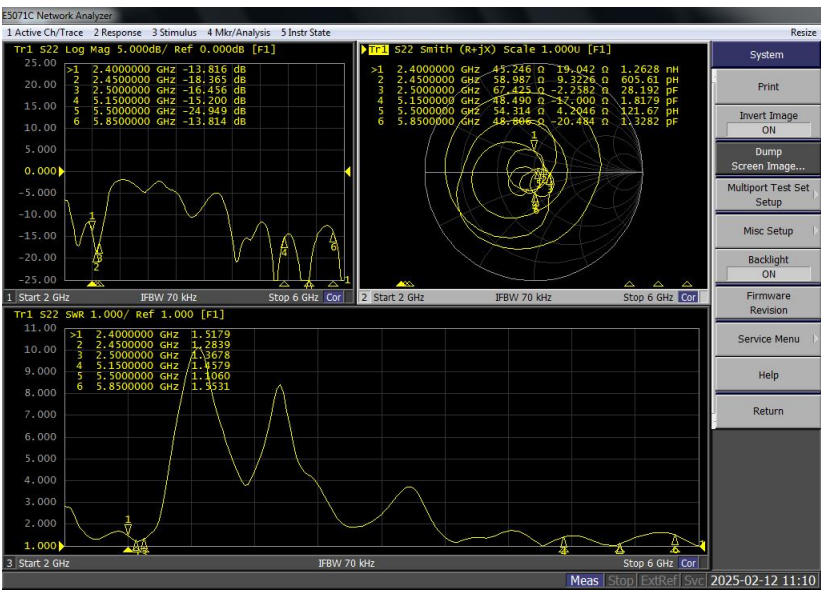
8J1



V.S.W.R

Freq/GHz	2.4	2.45	2.5	5.15	5.5	5.85
VSWR	1.4	1.6	2.0	1.2	1.3	1.4

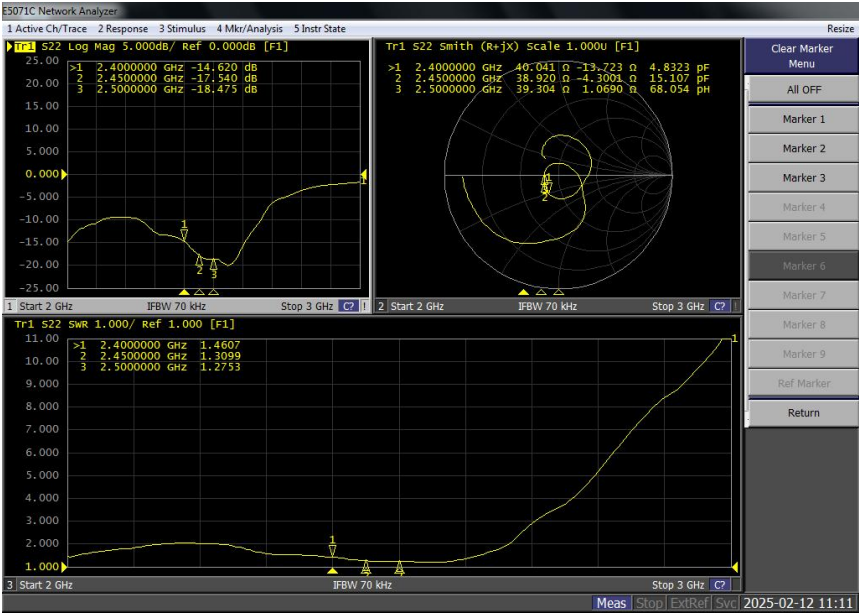
8J2



V.S.W.R

Freq/GHz	2.4	2.45	2.5	5.15	5.5	5.85
VSWR	1.5	1.2	1.3	1.4	1.1	1.5

BT



V.S.W.R

Freq/GHz	2.4	2.45	2.5
VSWR	1.4	1.3	1.2

三、无源效率

8J1

Gain&Efficiency 增益和效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	3.68	-0.72	84.72
2410	3.58	-0.76	83.95
2420	3.61	-0.84	82.41
2430	3.15	-0.96	80.17
2440	3.27	-1	79.43
2450	3.57	-1	79.43
2460	3.94	-0.92	80.91
2470	3.91	-0.92	80.91
2480	3.72	-1.07	78.16
2490	3.54	-1.14	76.91
2500	3.68	-1.18	76.21
Gain&Efficiency 增益和效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
5150	6.79	-1.28	74.47
5200	7.26	-1.29	74.3
5250	7.6	-1.27	74.64
5300	7.87	-1.22	75.51
5350	7.99	-1.24	75.16
5400	7.85	-1.24	75.16
5450	7.71	-1.26	74.82
5500	7.54	-1.23	75.34
5550	7.63	-1.23	75.34
5600	7.89	-1.25	74.99
5650	8.05	-1.19	76.03
5700	8.33	-1.15	76.74
5750	8.33	-1.14	76.91
5800	8.55	-1.17	76.38
5850	8.58	-1.18	76.21

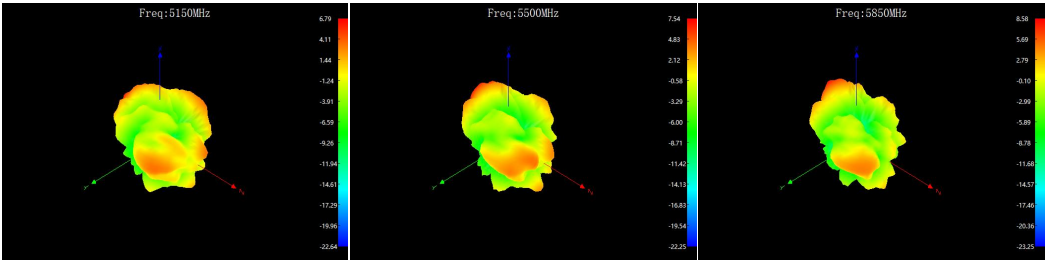
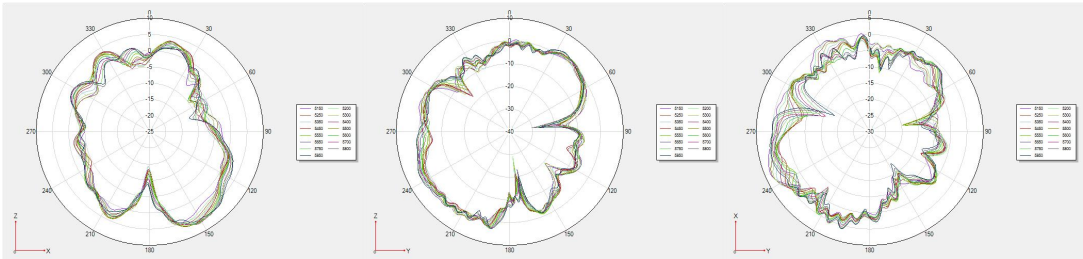
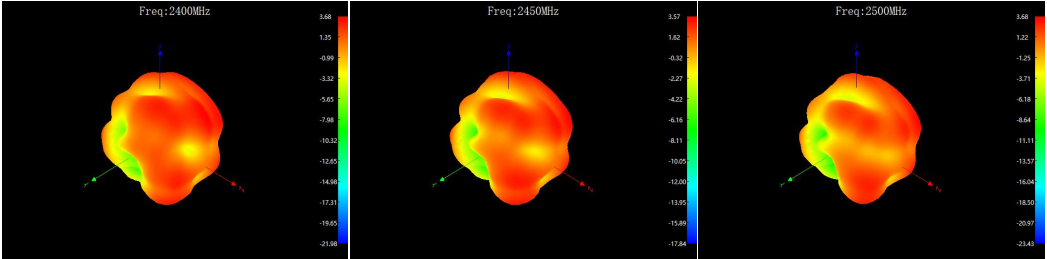
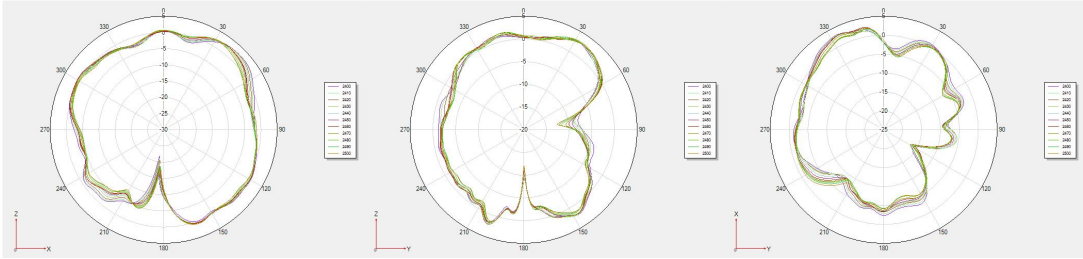
Gain&Efficiency 增益和效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	5.57	-1.92	64.27
2410	5.53	-1.93	64.12
2420	5.57	-2.01	62.95
2430	5.28	-2.21	60.12
2440	5.53	-2.12	61.38
2450	5.67	-2.05	62.37
2460	5.81	-1.99	63.24
2470	5.72	-2.18	60.53
2480	5.48	-2.39	57.68
2490	5.42	-2.49	56.36
2500	5.65	-2.36	58.08
Gain&Efficiency 增益和效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
5150	6.03	-1.91	64.42
5200	5.71	-2.03	62.66
5250	5.5	-2.09	61.8
5300	5.09	-2.16	60.81
5350	5.33	-2.27	59.29
5400	5.38	-2.21	60.12
5450	5.56	-2.15	60.95
5500	5.89	-2.1	61.66
5550	6.6	-2.01	62.95
5600	6.74	-2.07	62.09
5650	6.96	-2.1	61.66
5700	6.58	-2.15	60.95
5750	6.33	-2.19	60.39
5800	5.98	-2.33	58.48
5850	5.8	-2.39	57.68

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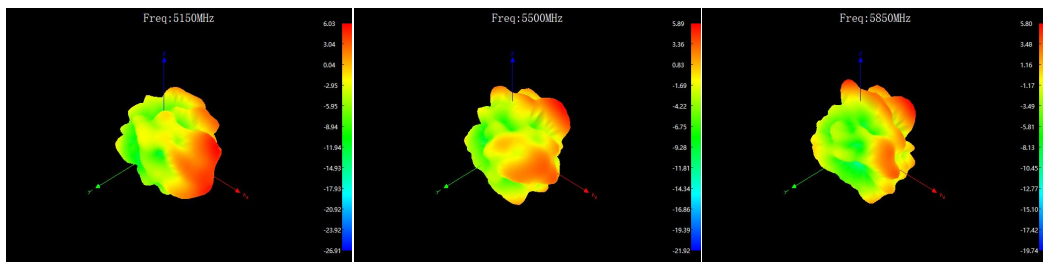
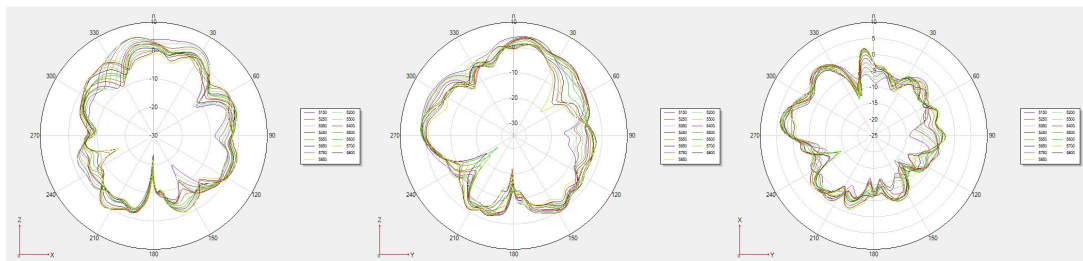
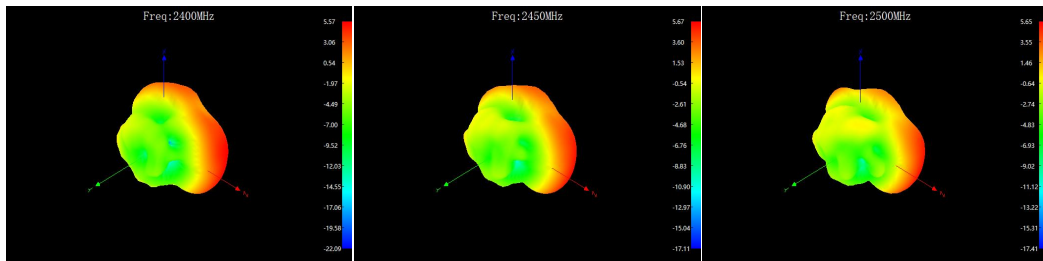
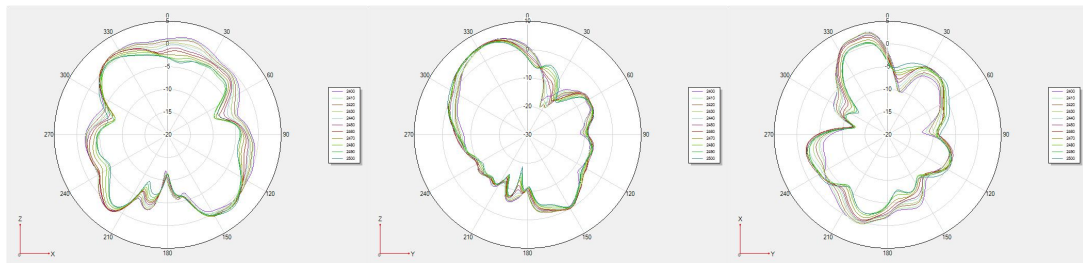
Gain&Efficiency 增益和效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	4.16	-2.22	59.98
2410	4.47	-2.26	59.43
2420	4.59	-2.37	57.94
2430	4.62	-2.52	55.98
2440	4.43	-2.46	56.75
2450	4.36	-2.38	57.81
S2460	4.54	-2.31	58.75
2470	4.45	-2.4	57.54
2480	4.41	-2.6	54.95
2490	4.19	-2.63	54.58
2500	3.9	-2.47	56.62

四、2D3D 方向图

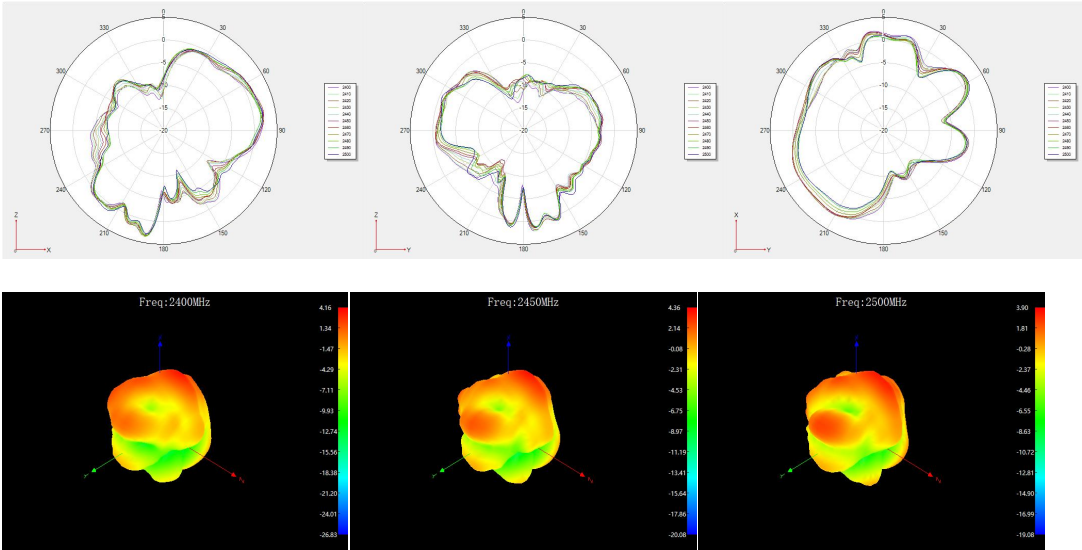
8J1



8J2



BT



五、有源数据

Wifi 2G TRP				Wifi 2G TIS			
Test				Test			
CH	1	6	11	CH	1	6	11
Frequency (MHz)	2412	2437	2462	Frequency (MHz)	2412	2437	2462
TRP(dBm)	19.23	19.9	20.08	TIS(dBm)	-78.76	-77.23	-77.17

Test mode: 802.11a 54Mbps BW 20M

Wifi 5G TRP				Wifi 5G TIS			
Test				Test			
CH	36	100	165	CH	36	100	165
Frequency (MHz)	5180	5500	5825	Frequency (MHz)	5180	5500	5825
TRP(dBm)	21.5	21.1	21.08	TIS(dBm)	-76.73	-76.49	-72.87