

SN6BTBA WIFI 天线测试数据报告Antenna test data report

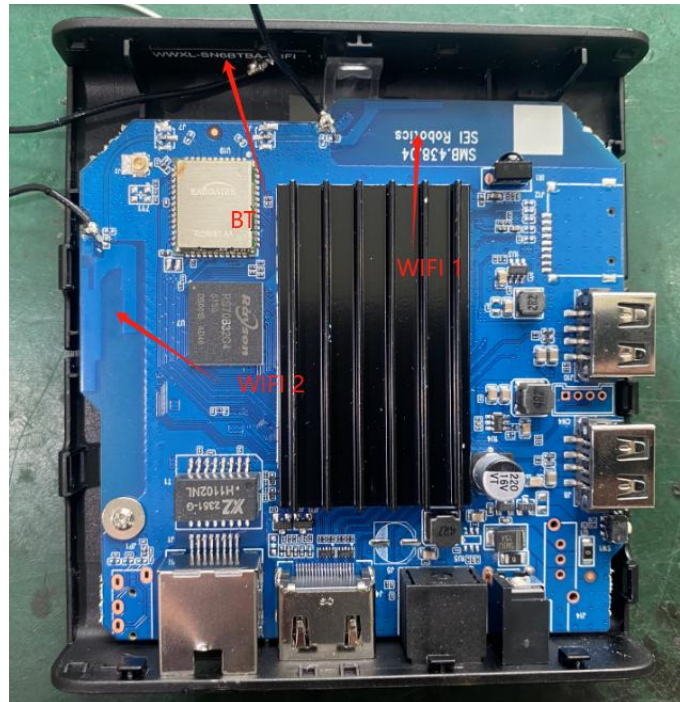
Antenna model: WWXL-SN6BTBA

Manufacturer information:

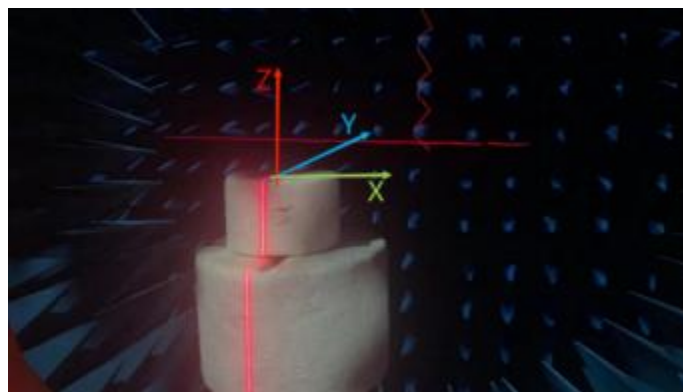
Name:Shenzhen Wanwuxianglian communication co.,LTD

Address:R & D Center: Room 1101, Building T4, Fangdacheng, No. 2, Longzhu 4th Road,
Taoyuan Street, Nanshan District, Shenzhen.

一、天线及测试环境图Antenna and test environment diagram

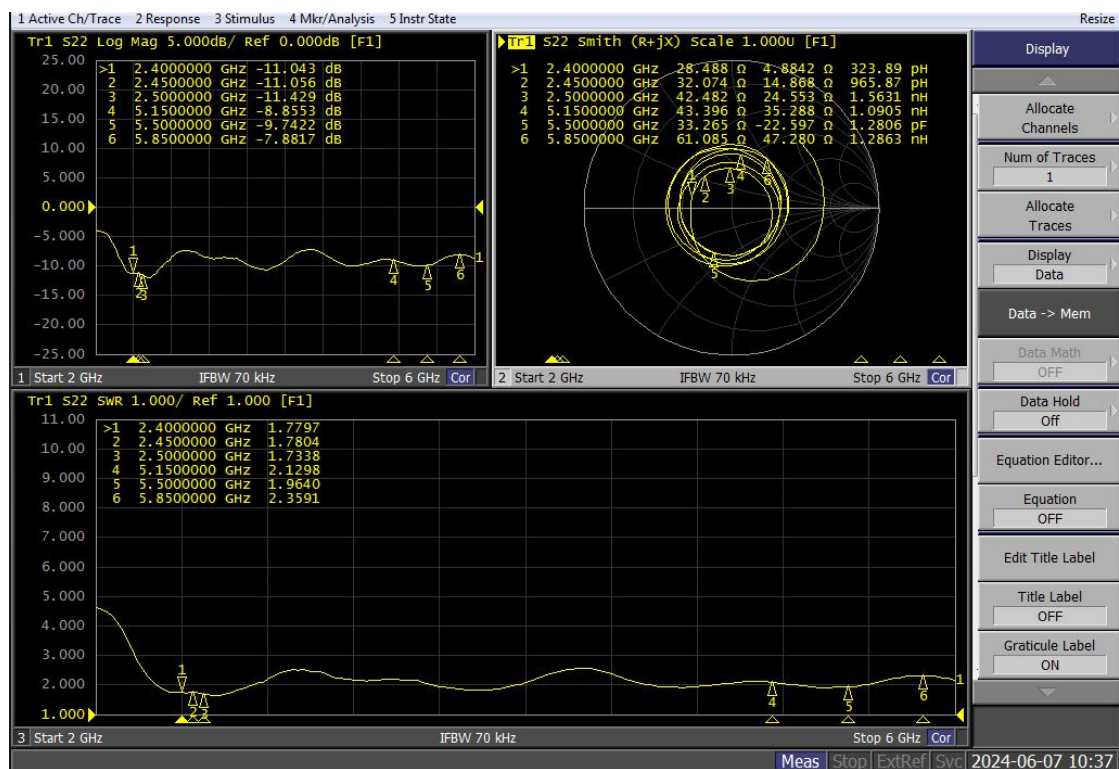


测试环境

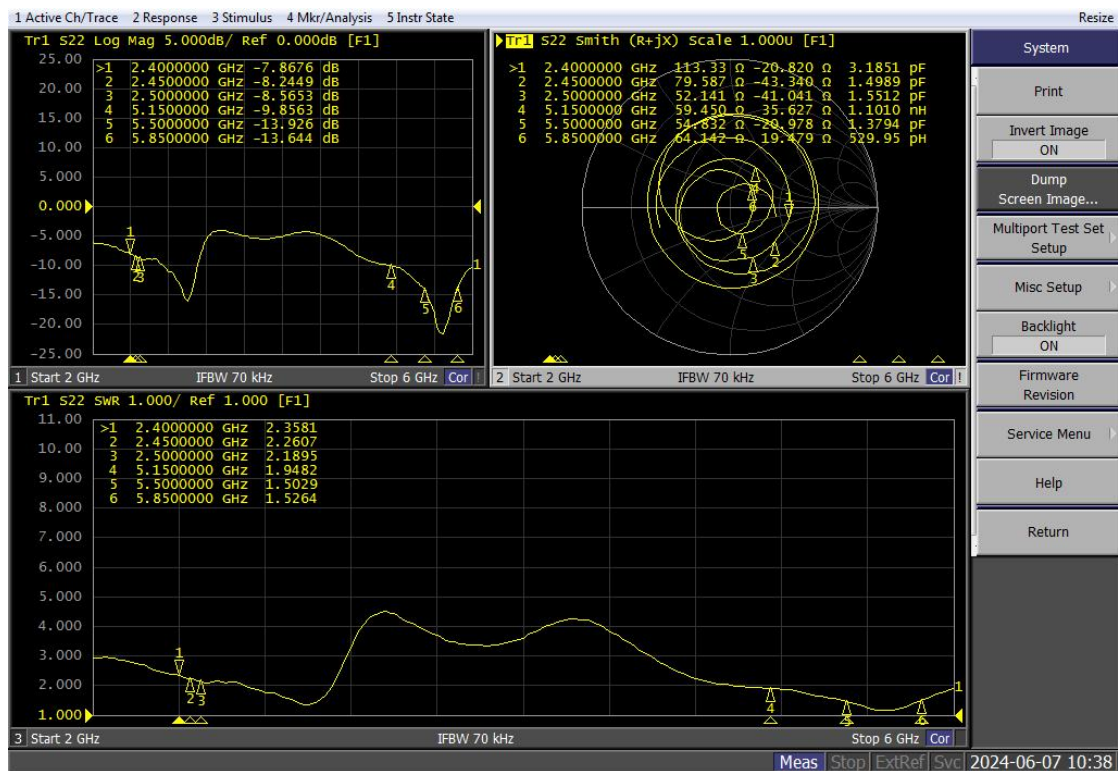


二、天线驻波比 antenna standing wave ratio

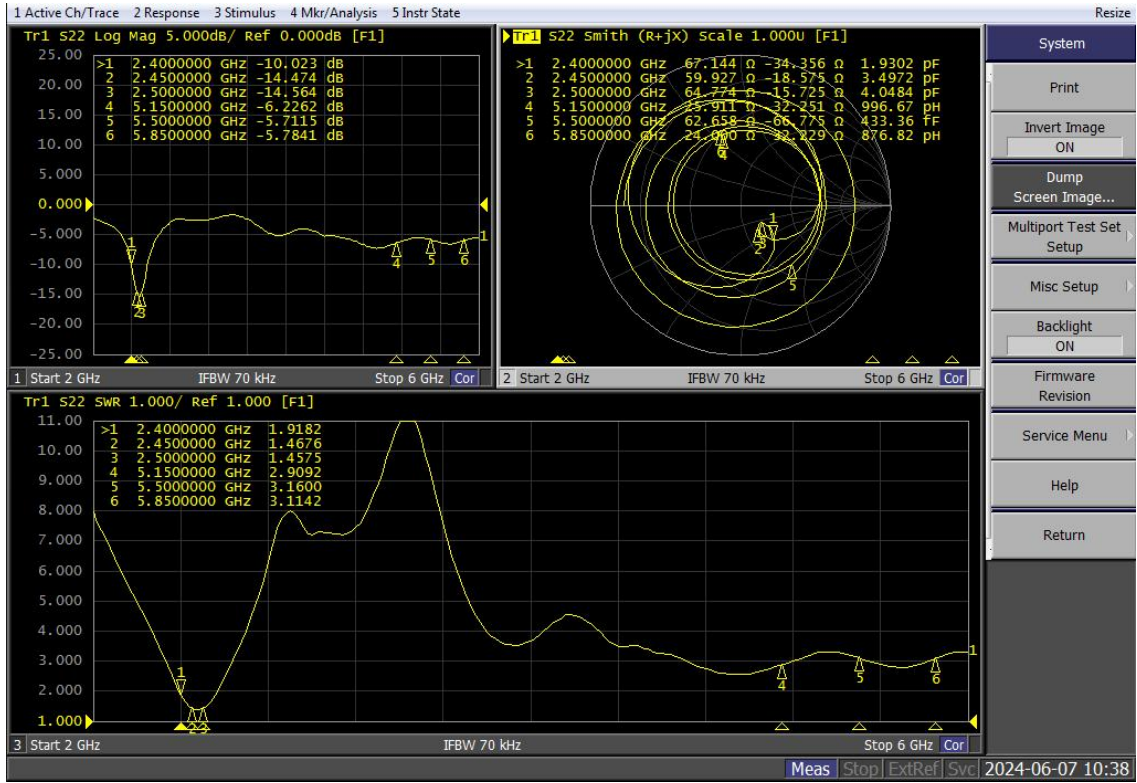
WiFi1



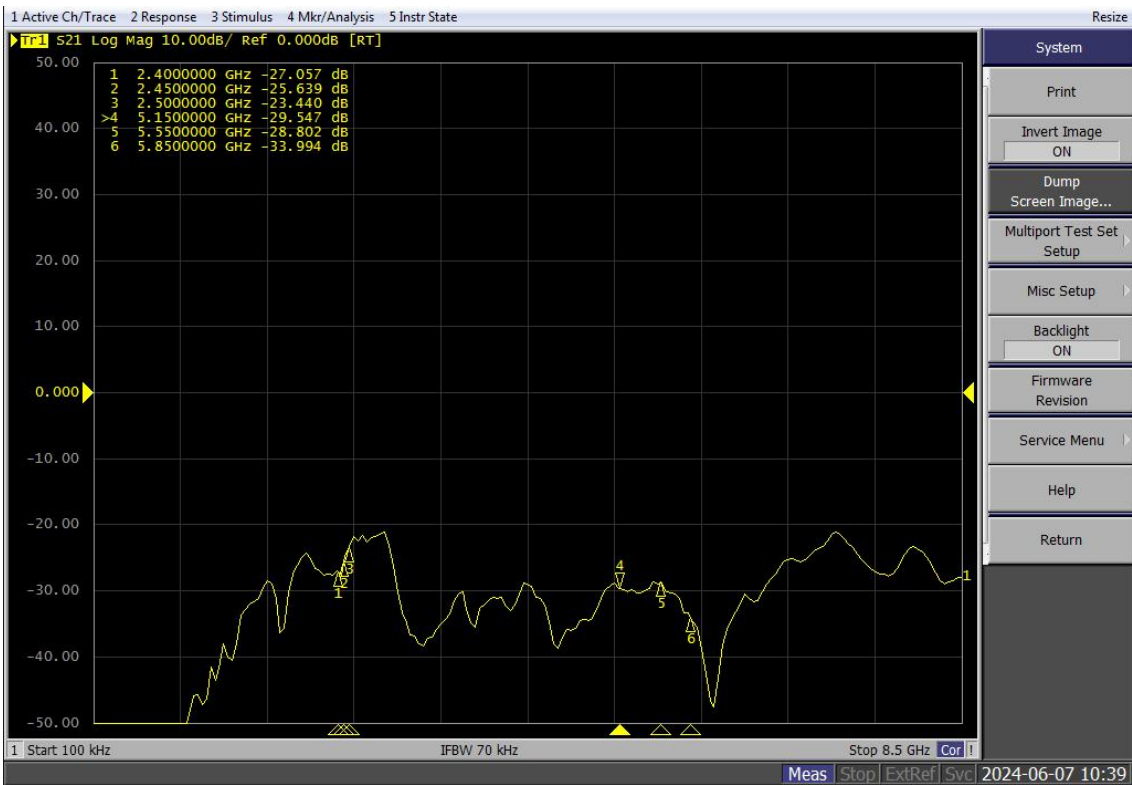
WiFi2



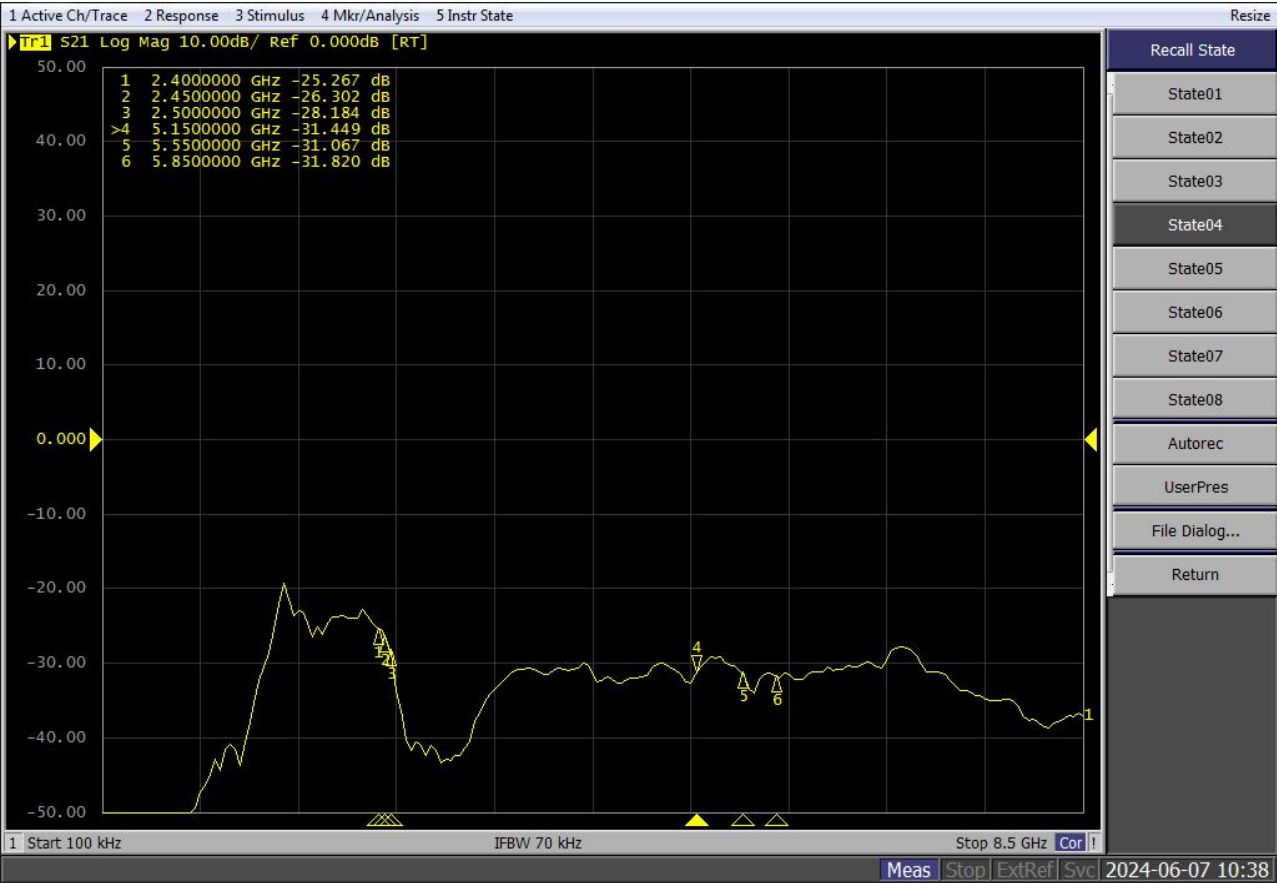
BT



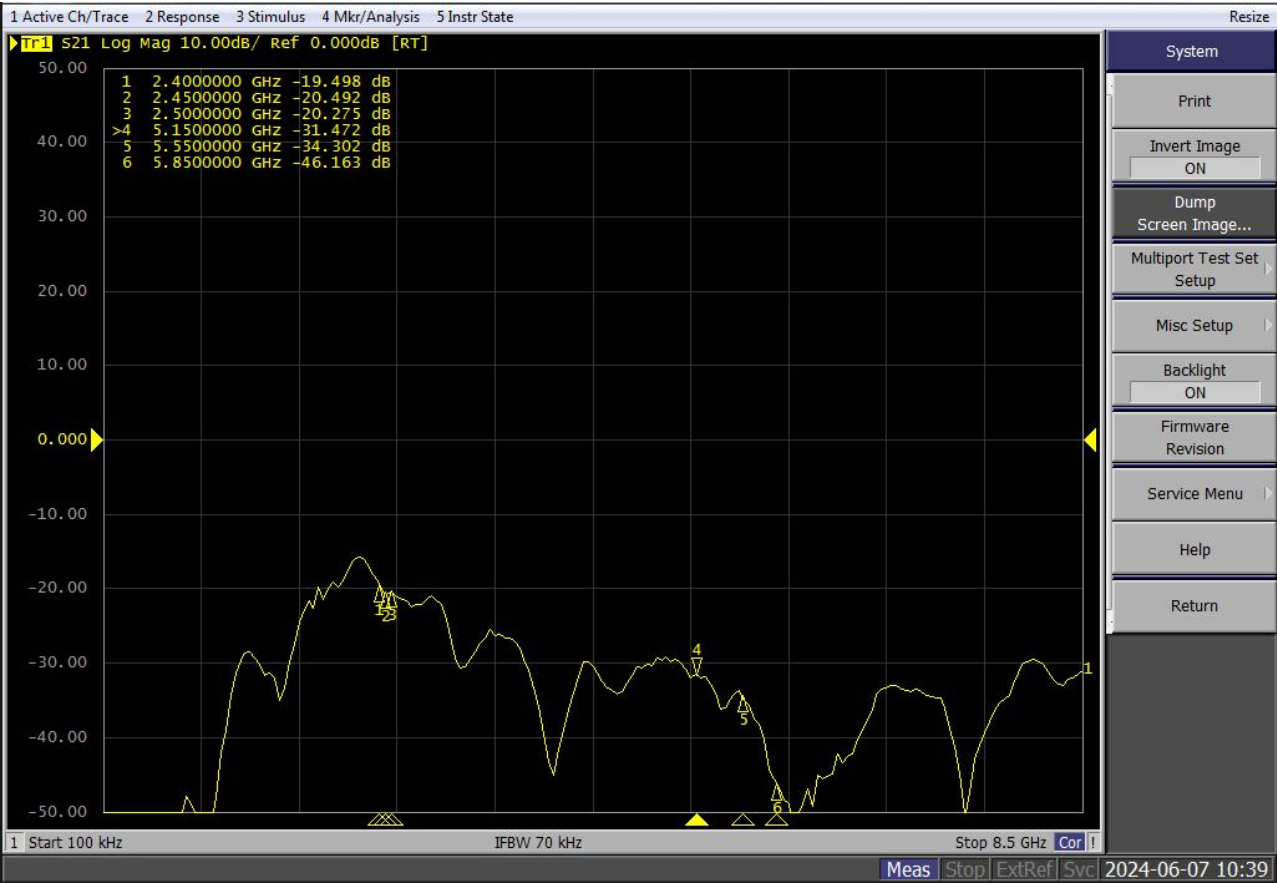
BT 与 ANT1 隔离度 BT and ANT1 isolation degree



BT 与 ANT2 隔离度 BT and ANT2 isolation degree



ANT1 与 ANT2 隔离度



三、无源效率 Passive efficiency

WiFi 1

Frequency 频率(MHz)	Gain 增益 (dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
2400.00	3.88	-2.00	63.09
2410.00	3.97	-2.10	61.69
2420.00	4.54	-1.73	67.15
2430.00	3.95	-2.05	62.37
2440.00	4.36	-1.85	65.25
2450.00	4.61	-1.49	71.02
2460.00	4.28	-1.90	64.50
2470.00	4.43	-1.48	71.15
2480.00	4.82	-1.31	73.99
2490.00	4.63	-1.40	72.40
2500.00	4.22	-1.49	70.91
Frequency 频率(MHz)	Gain 增益 (dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
5150.00	2.66	-2.74	53.16
5200.00	2.78	-2.66	54.14
5250.00	2.89	-2.70	53.75
5300.00	2.21	-3.17	48.25
5350.00	2.48	-3.04	49.65
5400.00	3.10	-2.83	52.13
5450.00	3.47	-2.81	52.35
5500.00	3.96	-2.55	55.59
5550.00	3.76	-2.40	57.57
5600.00	3.47	-2.61	54.78
5650.00	4.54	-2.03	62.73
5700.00	5.10	-1.80	66.06
5750.00	5.32	-1.86	65.14
5800.00	5.19	-2.16	60.83
5850.00	4.92	-2.33	58.50

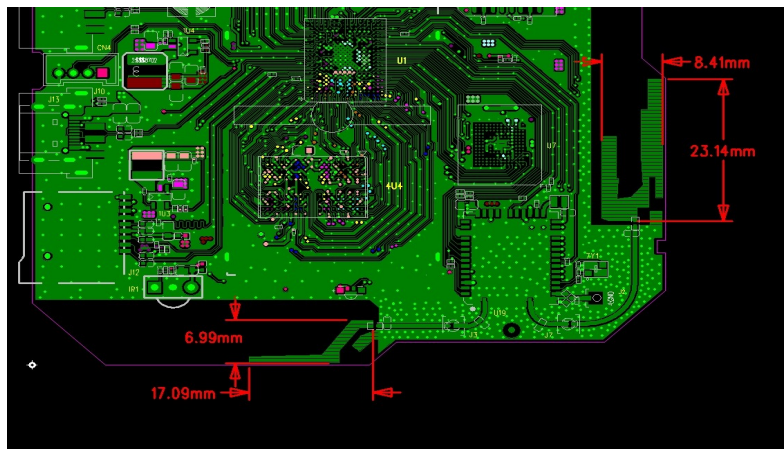
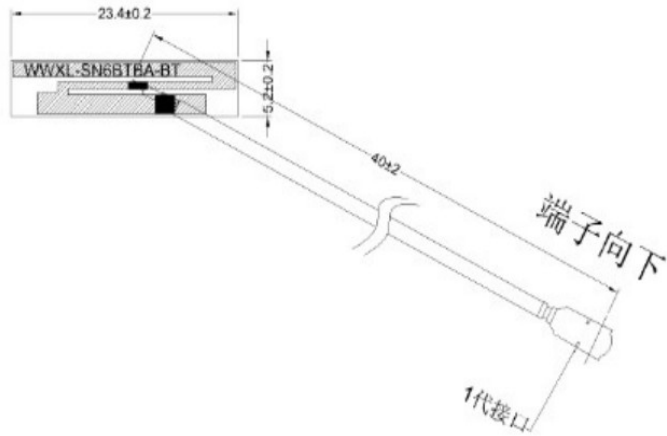
WiFi2

Frequency 频率(MHz)	Gain 增益 (dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
2400.00	1.40	-2.82	52.28
2410.00	1.84	-2.76	52.99
2420.00	2.11	-2.59	55.07
2430.00	2.33	-2.59	55.06
2440.00	2.57	-2.56	55.45
2450.00	2.81	-2.22	60.04
2460.00	2.73	-2.45	56.95
2470.00	2.58	-2.30	58.93
2480.00	3.07	-1.98	63.35
2490.00	2.59	-2.11	61.51
2500.00	2.81	-1.98	63.33
Frequency 频率(MHz)	Gain 增益 (dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
5150.00	4.33	-2.41	57.37
5200.00	4.18	-2.21	60.08
5250.00	4.49	-2.02	62.74
5300.00	4.32	-2.45	56.90
5350.00	4.89	-2.15	60.98
5400.00	5.51	-1.94	63.99
5450.00	5.68	-1.88	64.83
5500.00	6.04	-1.44	71.80
5550.00	5.19	-1.67	68.09
5600.00	5.14	-2.40	57.54
5650.00	6.49	-1.44	71.85
5700.00	7.02	-1.12	77.20
5750.00	7.34	-1.36	73.04
5800.00	7.33	-1.79	66.19
5850.00	6.89	-2.15	60.89

BT

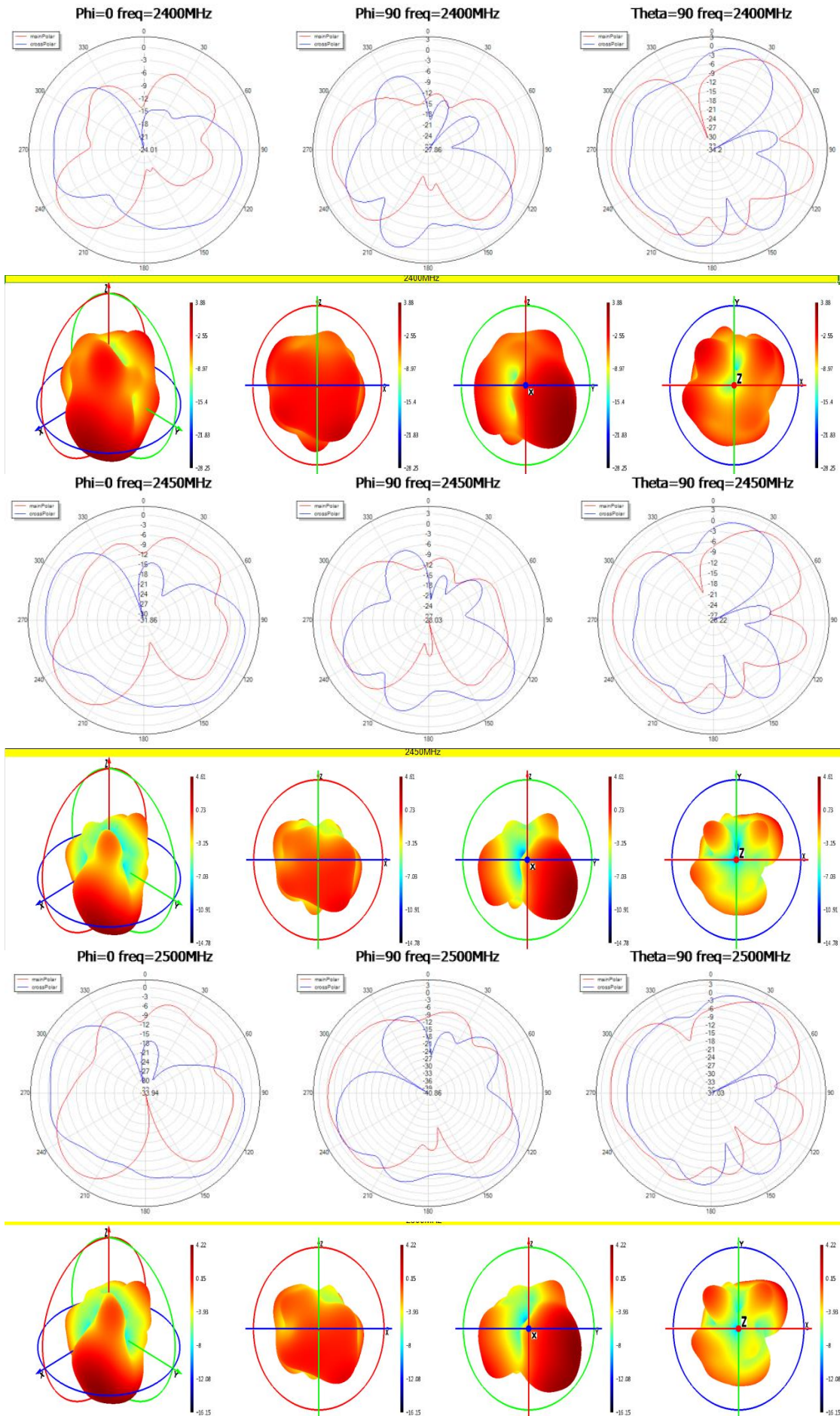
Frequency 频率(MHz)	Gain 增益 (dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
2400.00	4.73	-2.30	58.95
2410.00	4.88	-2.25	59.62
2420.00	5.28	-1.89	64.72
2430.00	4.84	-2.08	61.97
2440.00	5.09	-2.09	61.81
2450.00	5.43	-1.67	68.13
2460.00	5.00	-2.22	59.93
2470.00	5.05	-1.91	64.44
2480.00	5.44	-1.73	67.08
2490.00	5.15	-1.86	65.21
2500.00	4.69	-1.91	64.46

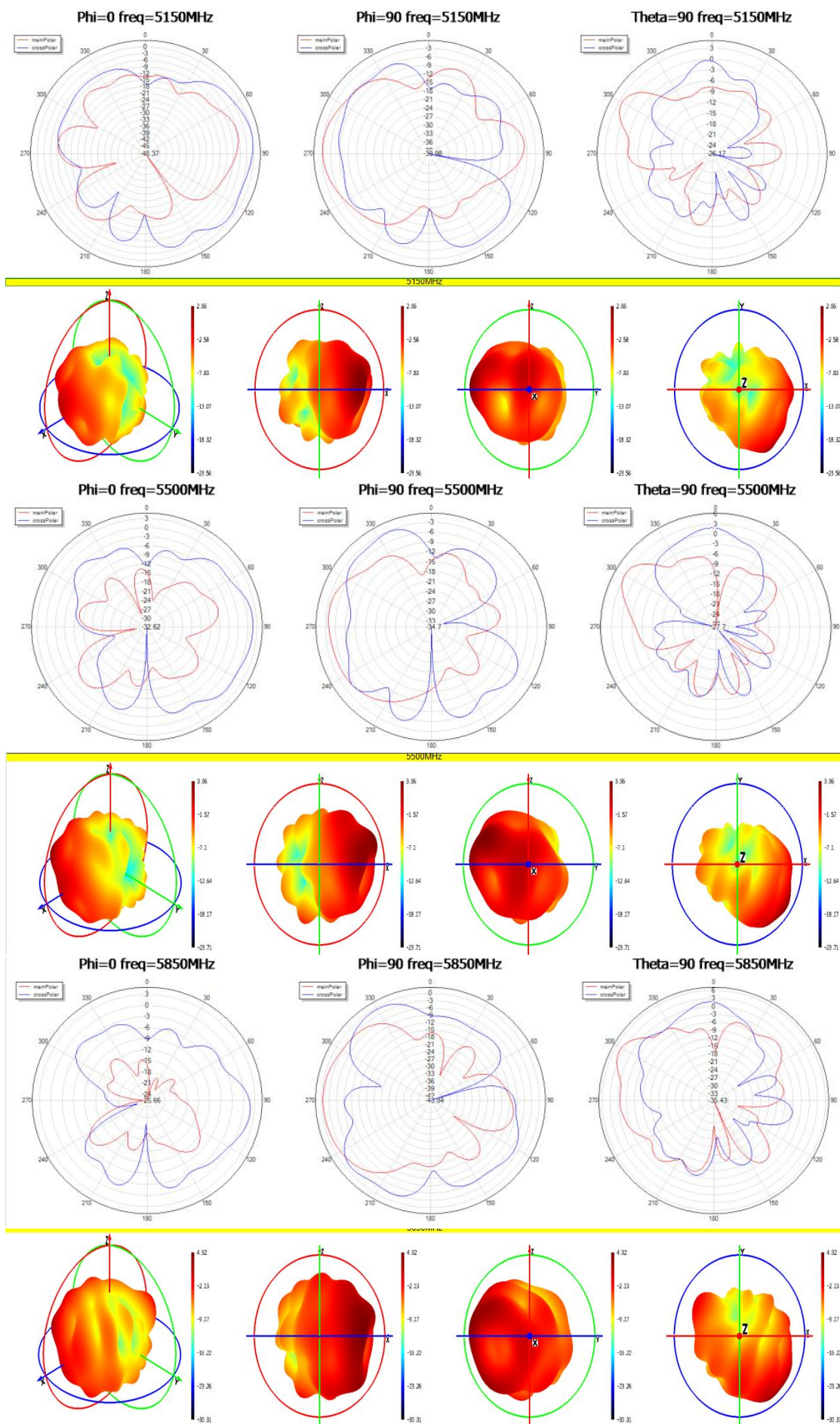
尺寸图dimension figure



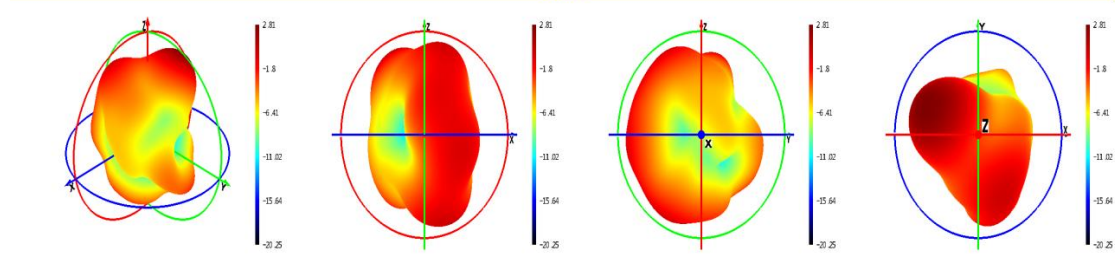
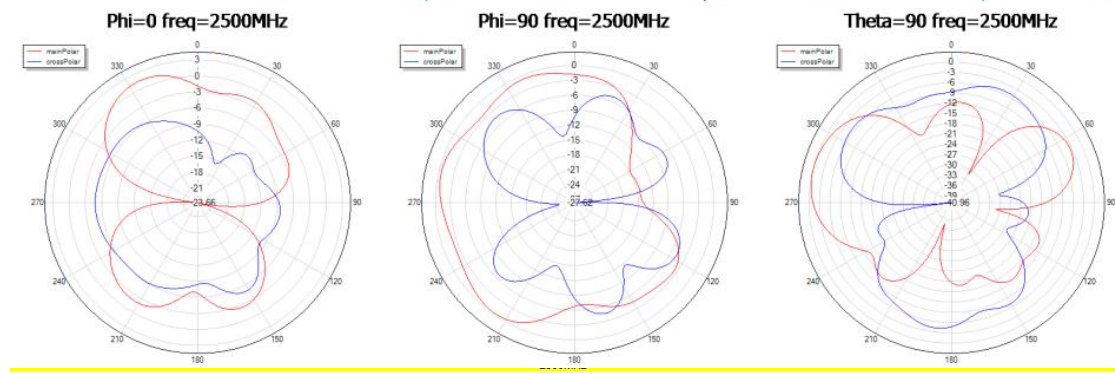
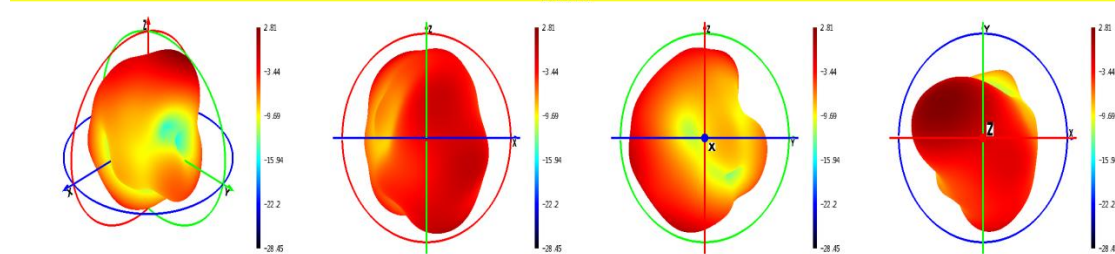
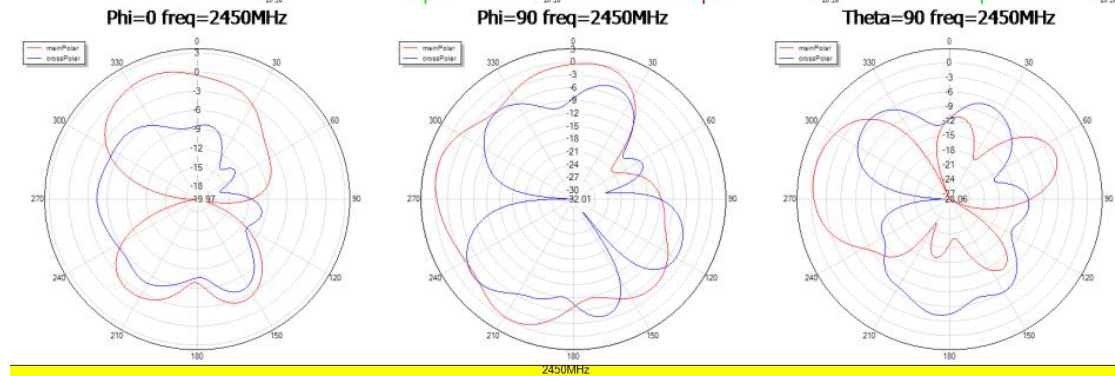
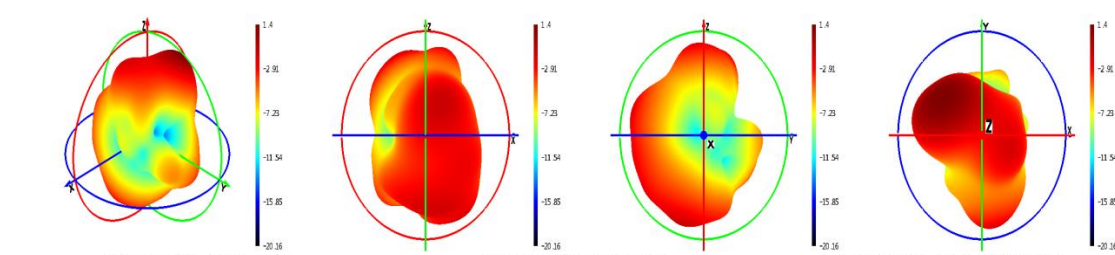
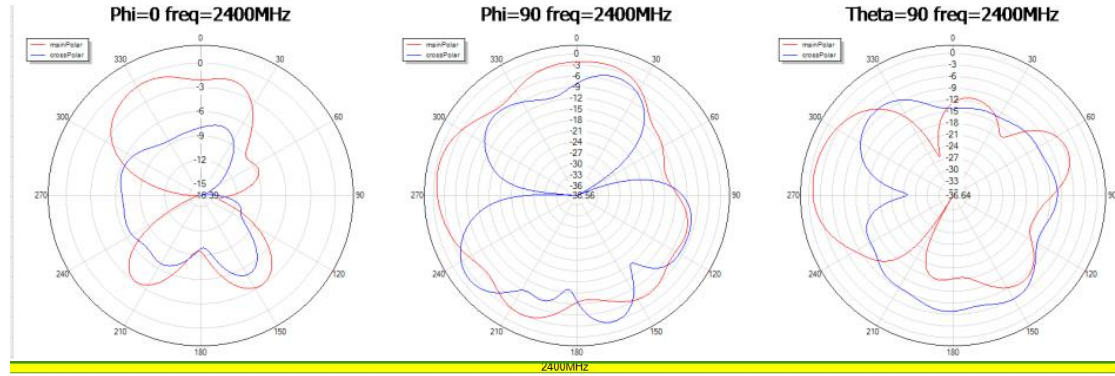
四、2D3D 方向图2D and 3D orientation maps

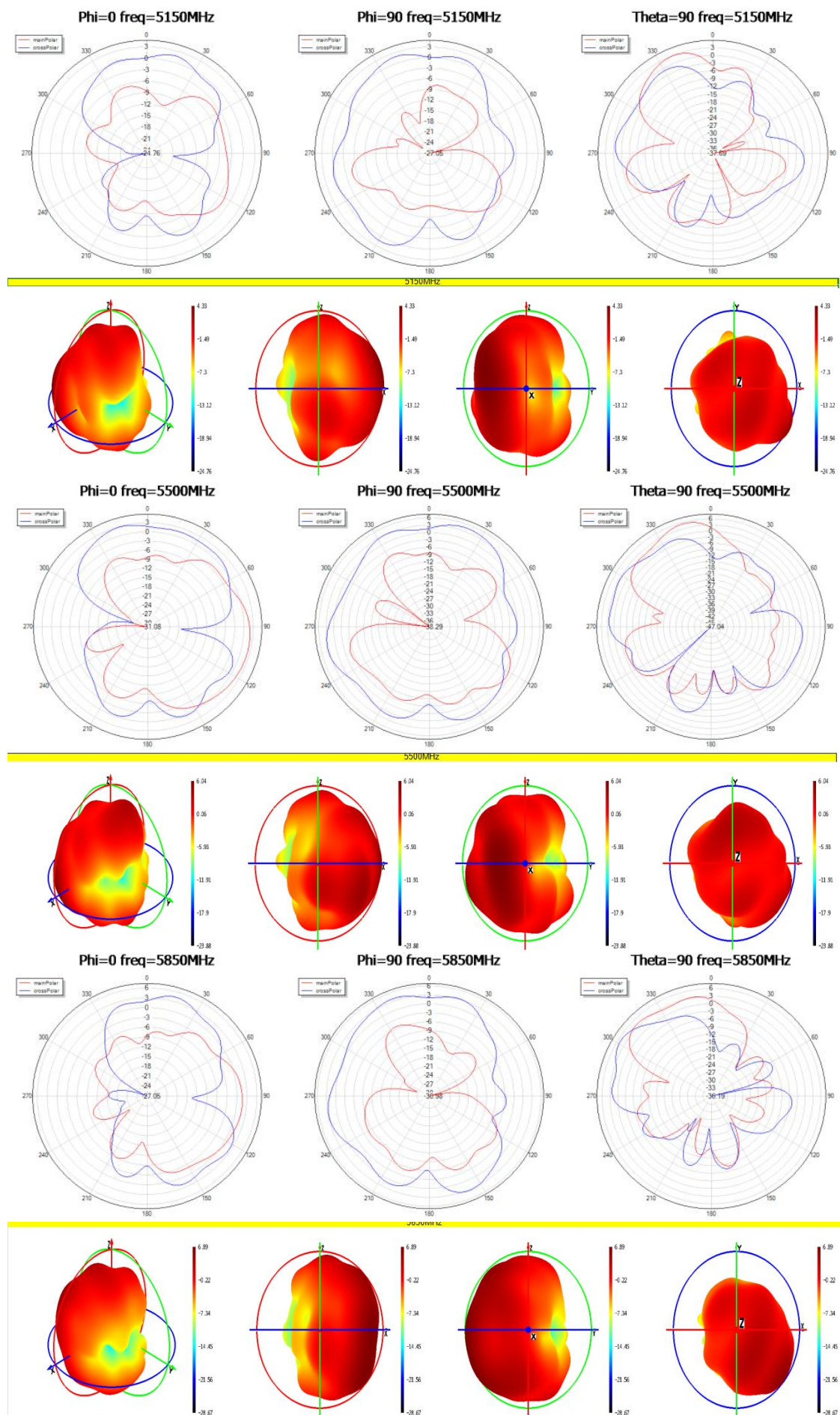
WiFi1





WiFi2





BT

