

Antenna Specification

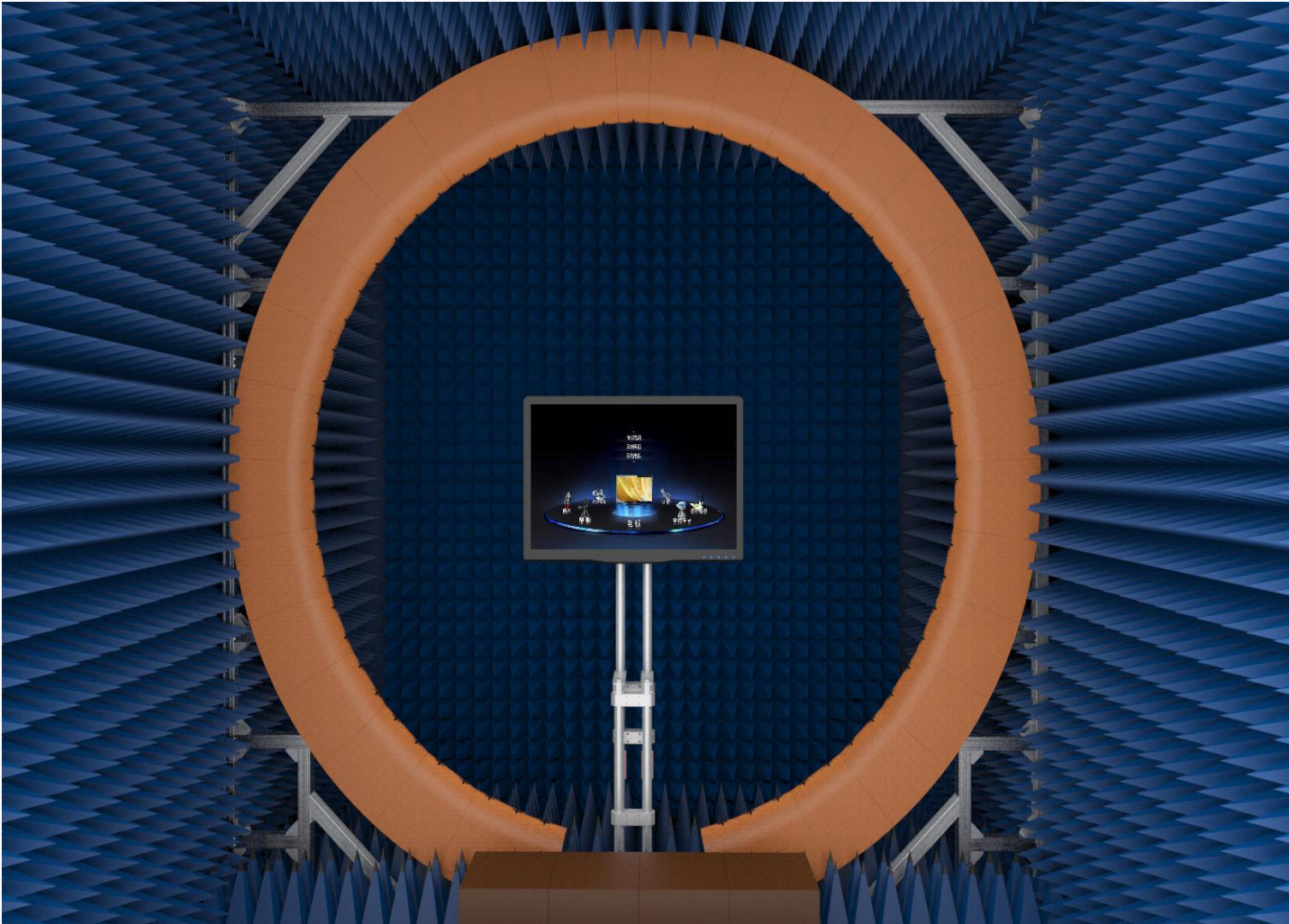
**Model: DR5800_RX
DR5800_TX**

Manufacturer: 70mai Co.,Ltd.

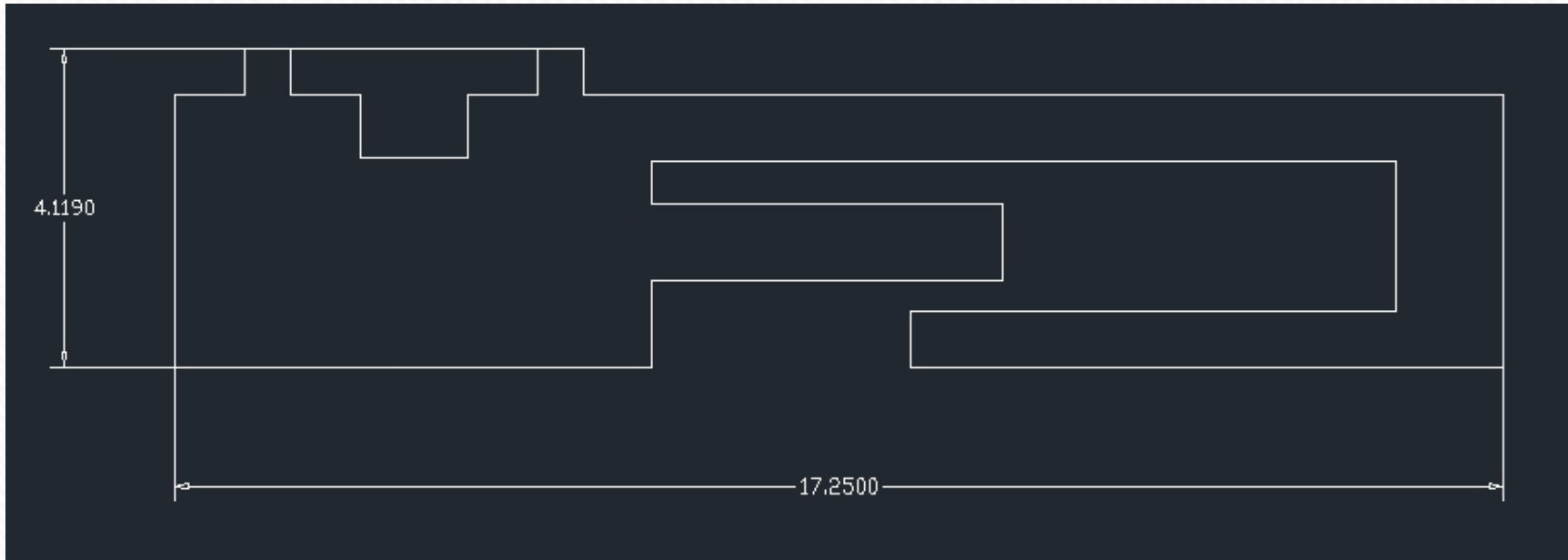
**Address: Room 2220, building 2, No. 588, Zixing road, MinHang District,
Shanghai.CHINA**

Owner: zhangmingming

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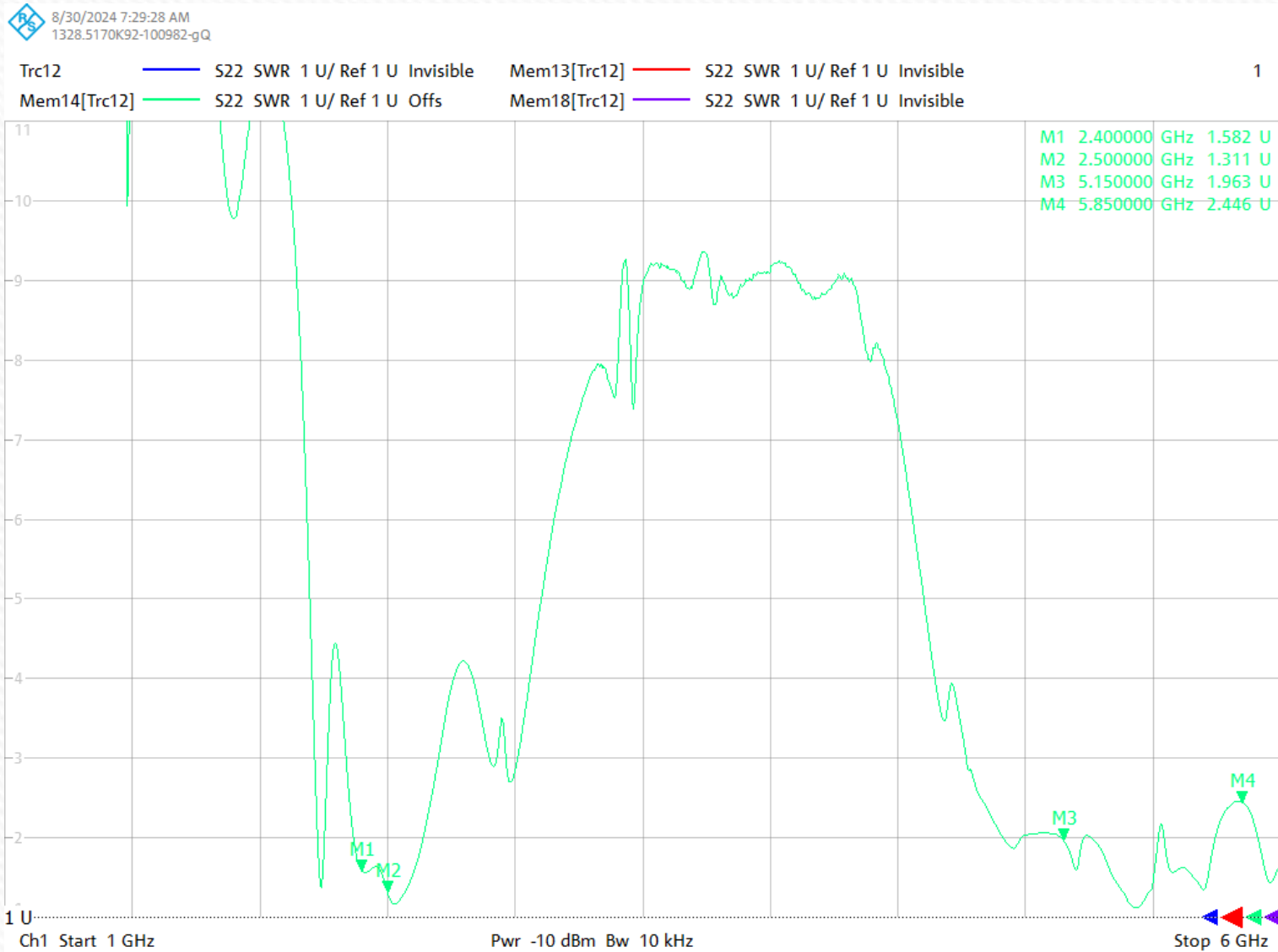


Device name	QTY
OTA lab	10
5G Integrated Measuring Instrument (SP9500-CTS)	3
R&S Integrated Measuring Instrument (High quality CMW500)	7
Anritsu Integrated Meter (Dual Channel 8820)	4
NB-IoT Integrated Measuring Instrument (SP8315)	3
Agilent Integrated Measuring Instrument (8960)	9
Agilent Network Analyzer (E5062A)	7
Agilent Network Analyzer (E5071C 8.5GHZ)	11
Agilent Network Analyzer (E5071B 8.5GHZ)	10
R&S Network Analyzer (ZND)	10
R&S Network Analyzer (ZVB)	3
OTA head hand/cochlea/arm	5
GPS/WIFI active test equipment	5



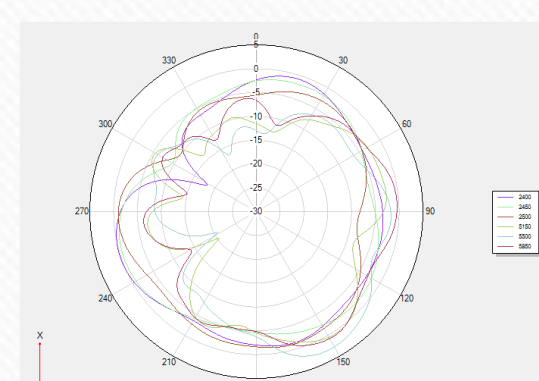
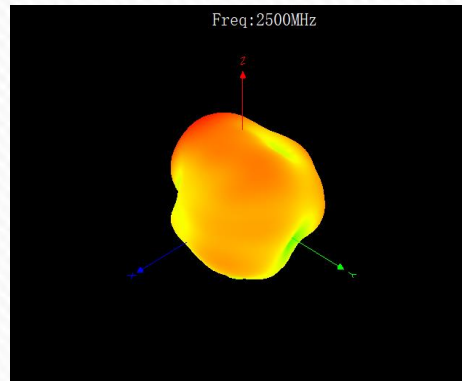
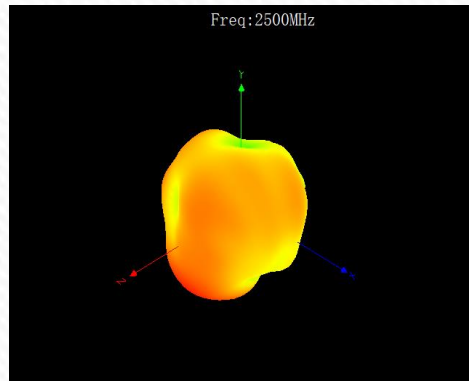
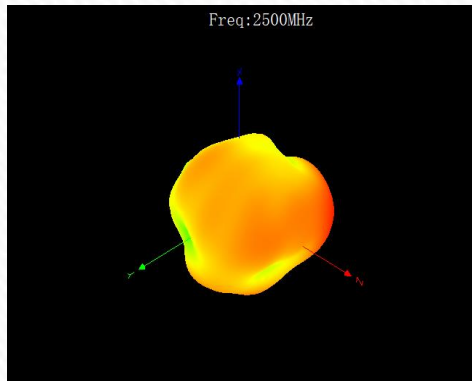
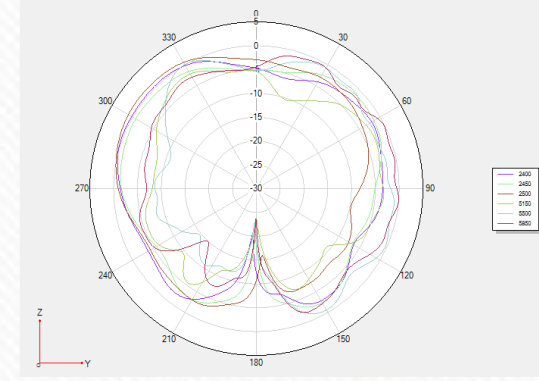
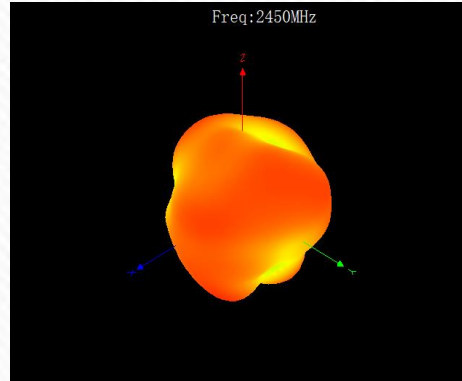
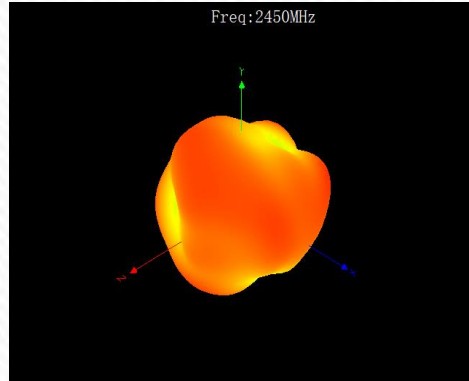
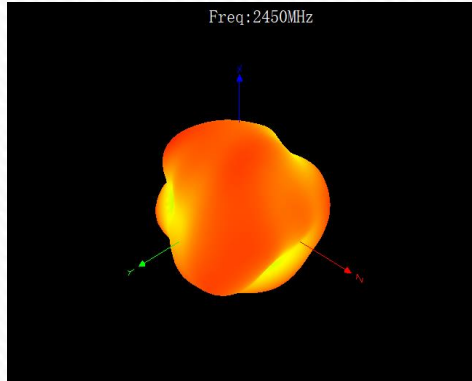
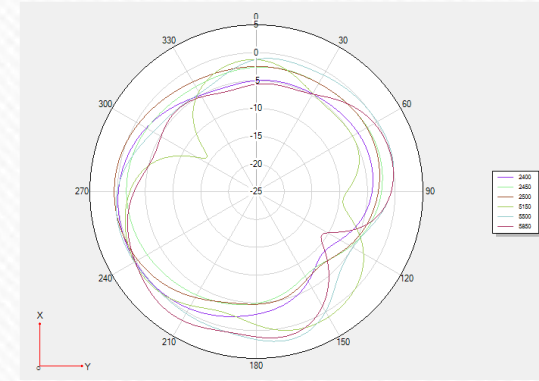
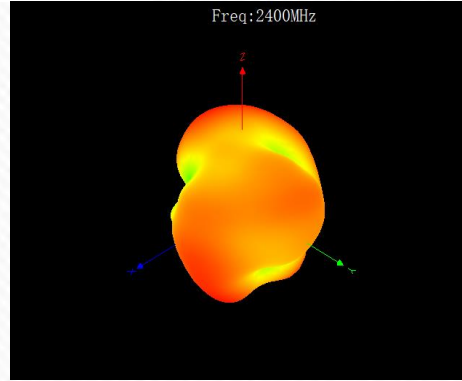
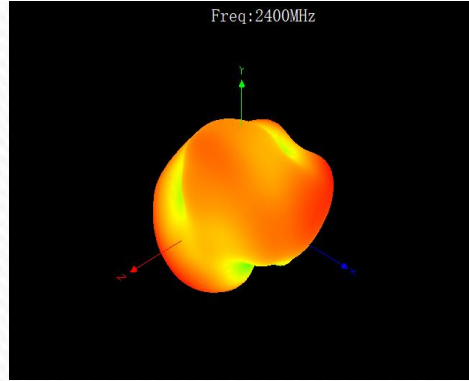
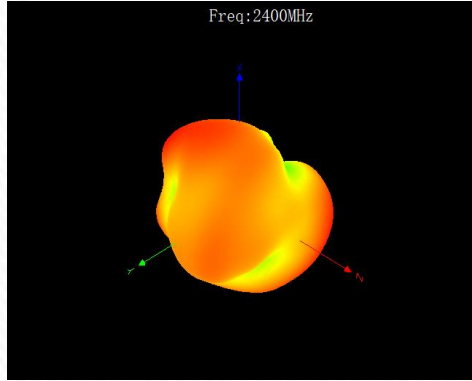
Model: DR5800_RX

Wifi2.4g & WIFI5G&BT S11 parameters

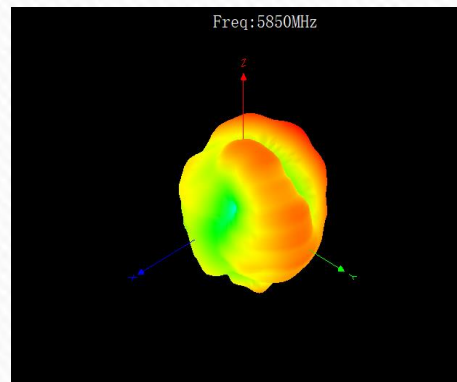
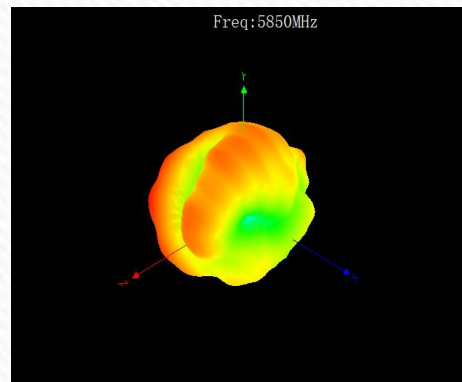
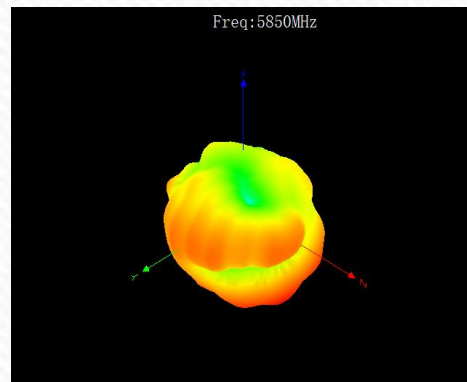
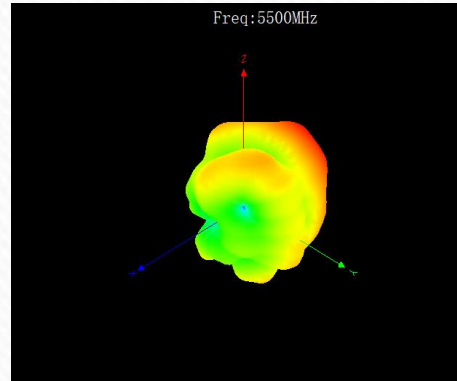
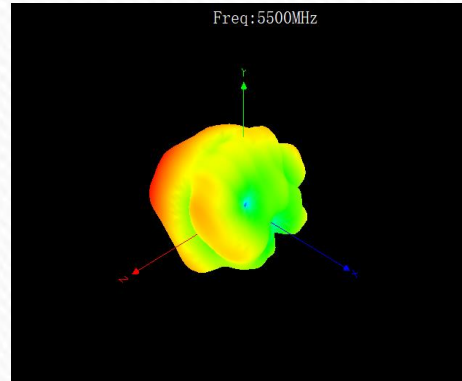
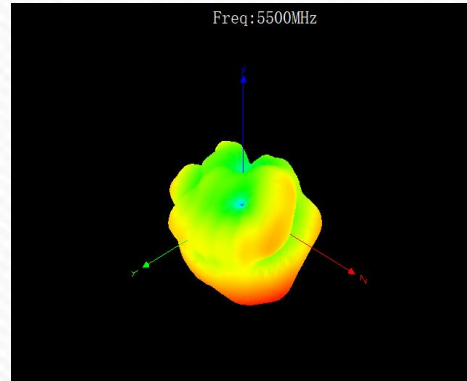
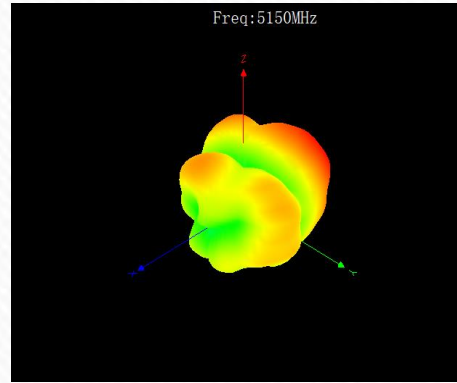
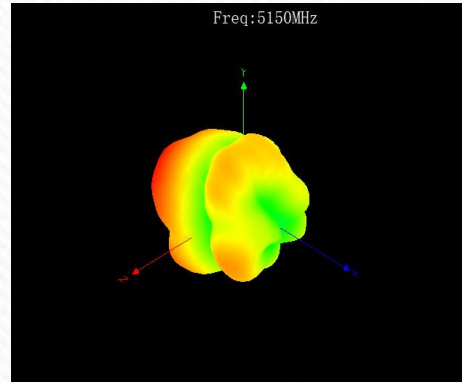
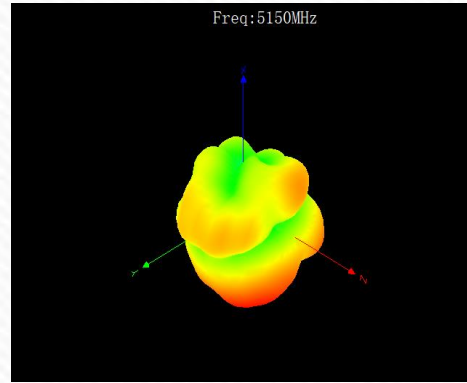


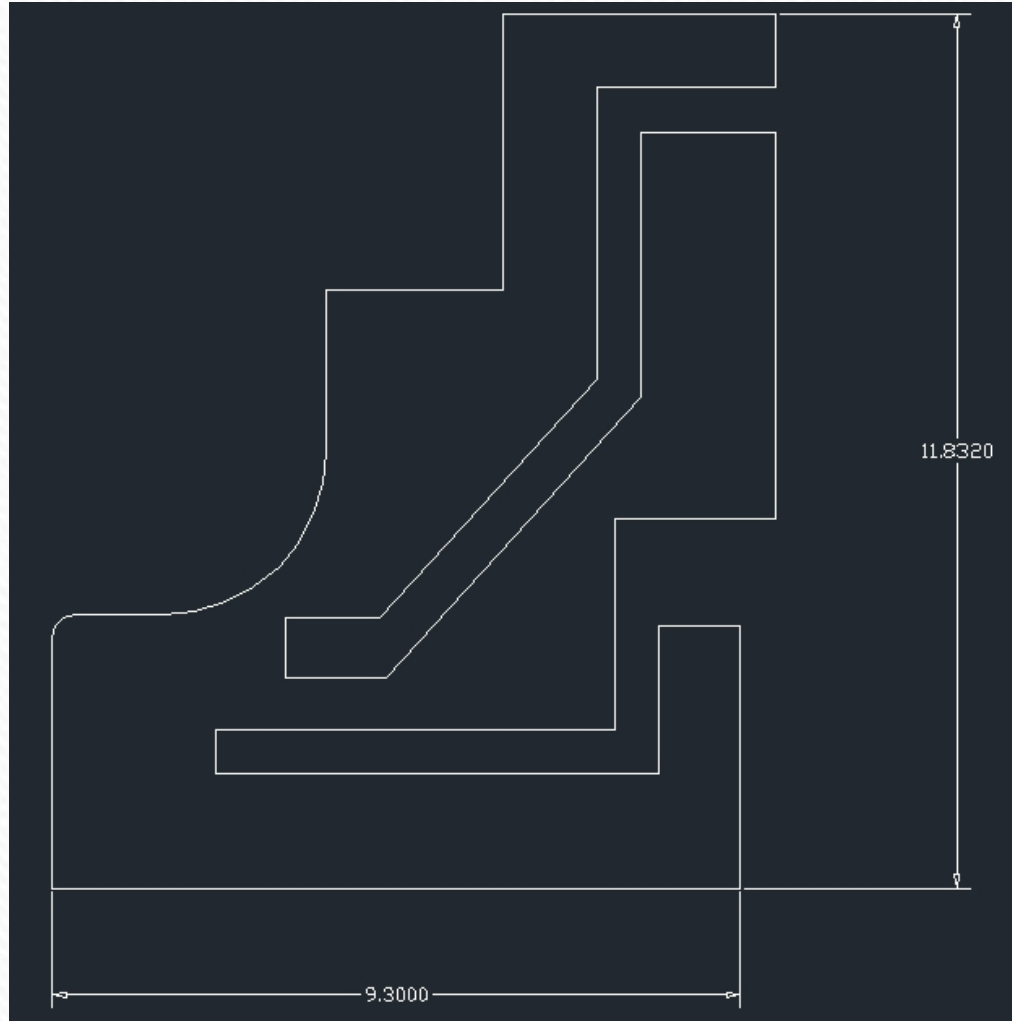
Frequency/ Mhz	Efficiency / %	Efficiency / dB	MaxGain/ dBi	Frequency/ Mhz	Efficiency / %	Efficiency / dB	MaxGain/ dBi
2400	-3.01	50	1.85	5150	-3.17	48.19	2.61
2410	-2.97	50.47	2.14	5200	-2.84	52	2.46
2420	-2.79	52.6	2.46	5250	-2.83	52.12	2.29
2430	-2.83	52.12	2.38	5300	-2.72	53.46	2.75
2440	-2.98	50.35	2.31	5350	-2.63	54.57	2.3
2450	-3.11	48.87	2.4	5400	-2.73	53.39	2.65
2460	-3.37	46.03	2.39	5450	-2.76	52.92	2.13
2470	-3.51	44.58	2.25	5500	-2.62	54.7	2.3
2480	-3.59	43.77	2.06	5550	-2.53	55.85	2.92
2490	-3.39	45.83	1.8	5600	-2.54	55.77	2.64
2500	-3.54	44.21	1.48	5650	-2.83	52.11	2.22
				5700	-2.97	50.47	2.61
				5750	-2.67	54.08	2.2
				5800	-2.89	51.4	2.49
				5850	-2.69	53.83	2.12

Wifi2.4g & WIFI5G&BT direction map



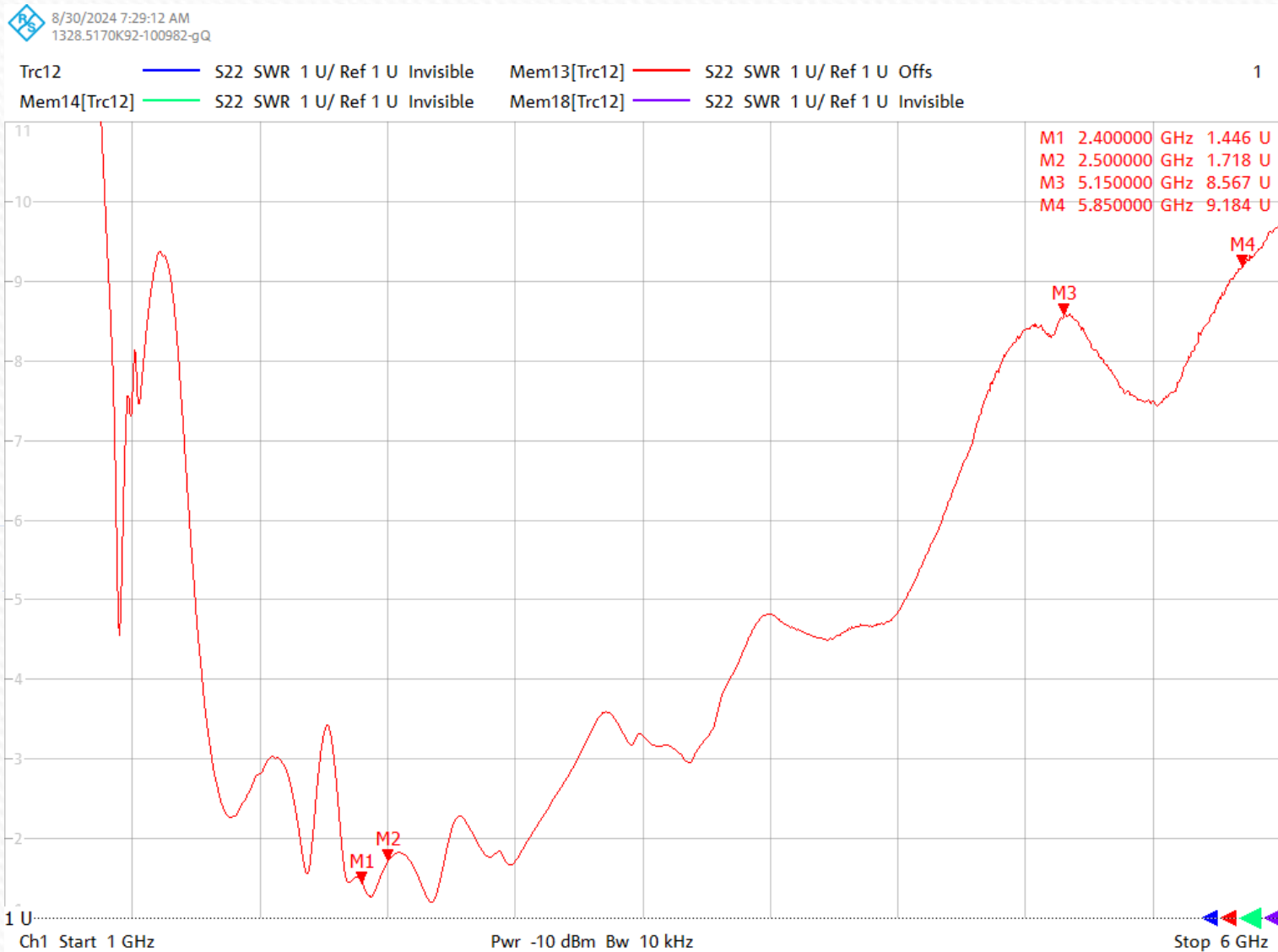
Wifi2.4g & WIFI5G&BT direction map





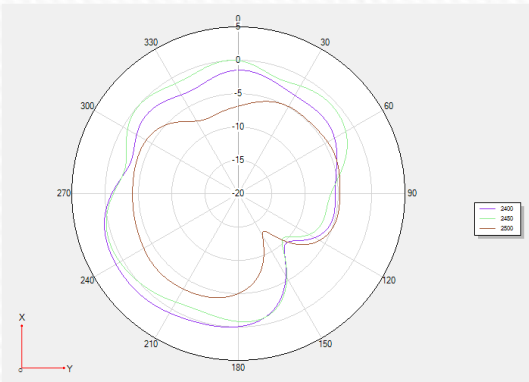
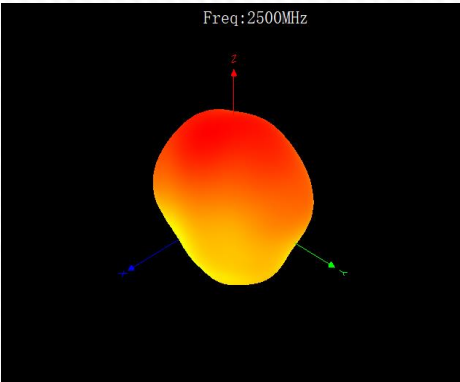
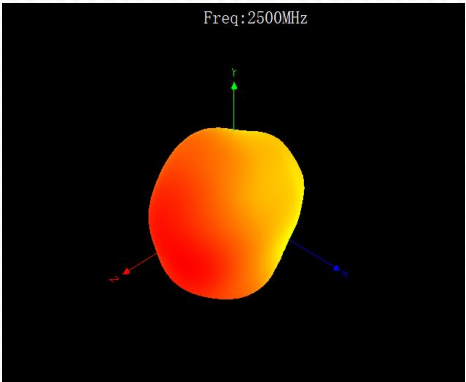
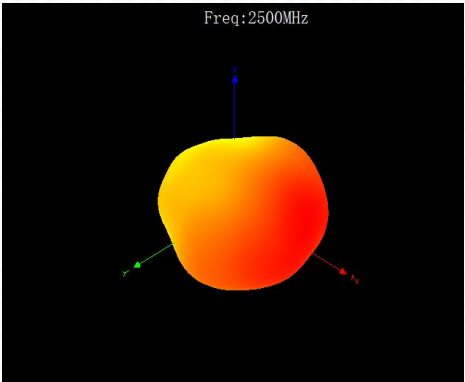
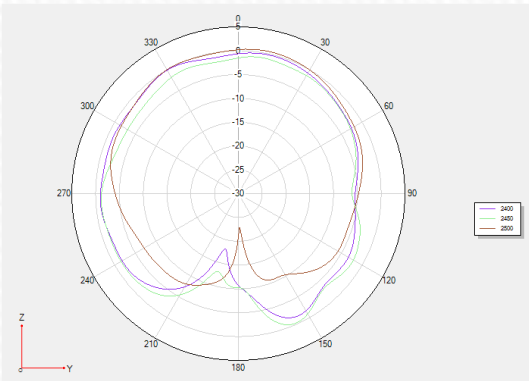
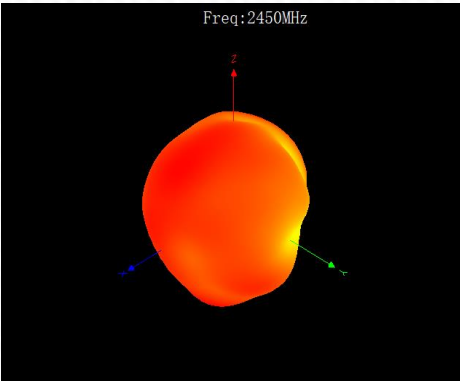
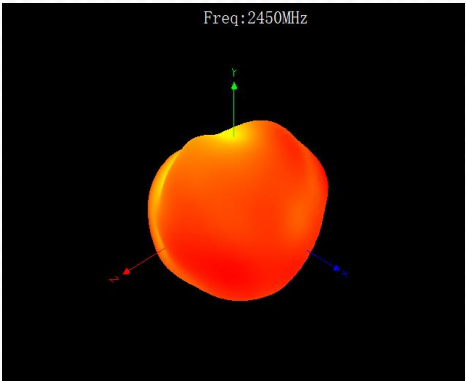
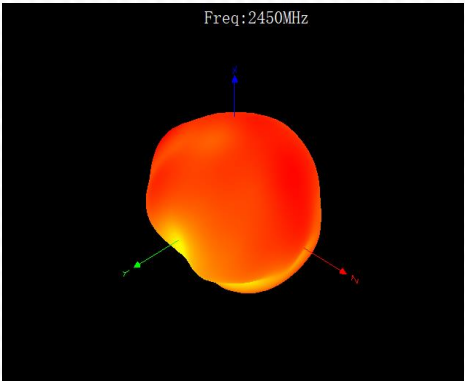
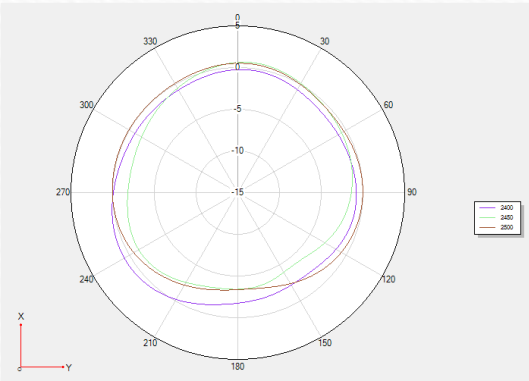
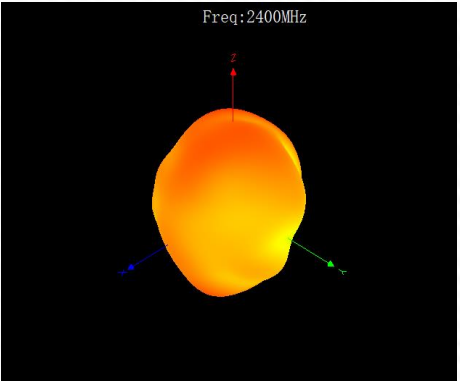
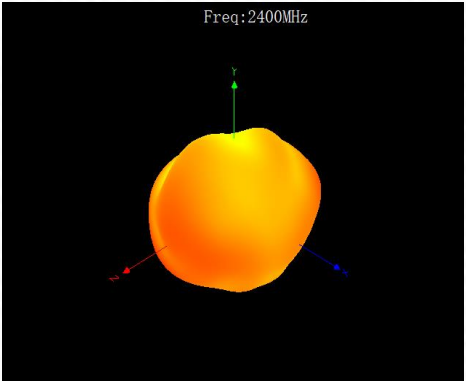
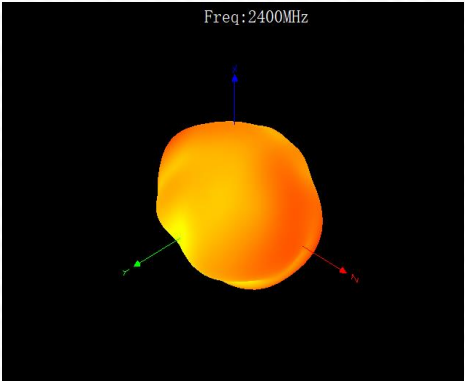
Model: DR5800_TX

WIFI2.4G&BT antenna S11 parameters



Frequency/ Mhz	Efficiency / %	Efficiency / dB	MaxGain/ dBi
2400	-3.21	47.76	2.16
2410	-3.21	47.76	2.01
2420	-3.02	49.9	2.02
2430	-3.01	50.02	1.99
2440	-2.92	51.06	1.45
2450	-2.74	53.22	1.04
2460	-2.74	53.22	1.7
2470	-3.2	47.87	2.02
2480	-3.11	48.85	2.23
2490	-3.4	45.73	1.74
2500	-3.38	45.88	1.21

WIFI2.4G&BT antenna direction diagram



Band	Channel	TRP	TIS
wifi_B	L	13.25	-76.48
	M	13.61	-76.82
	H	13.55	-78.7
wifi_A	L	13.28	-74.23
	M	13.04	-73.76
	H	12.98	-74.36