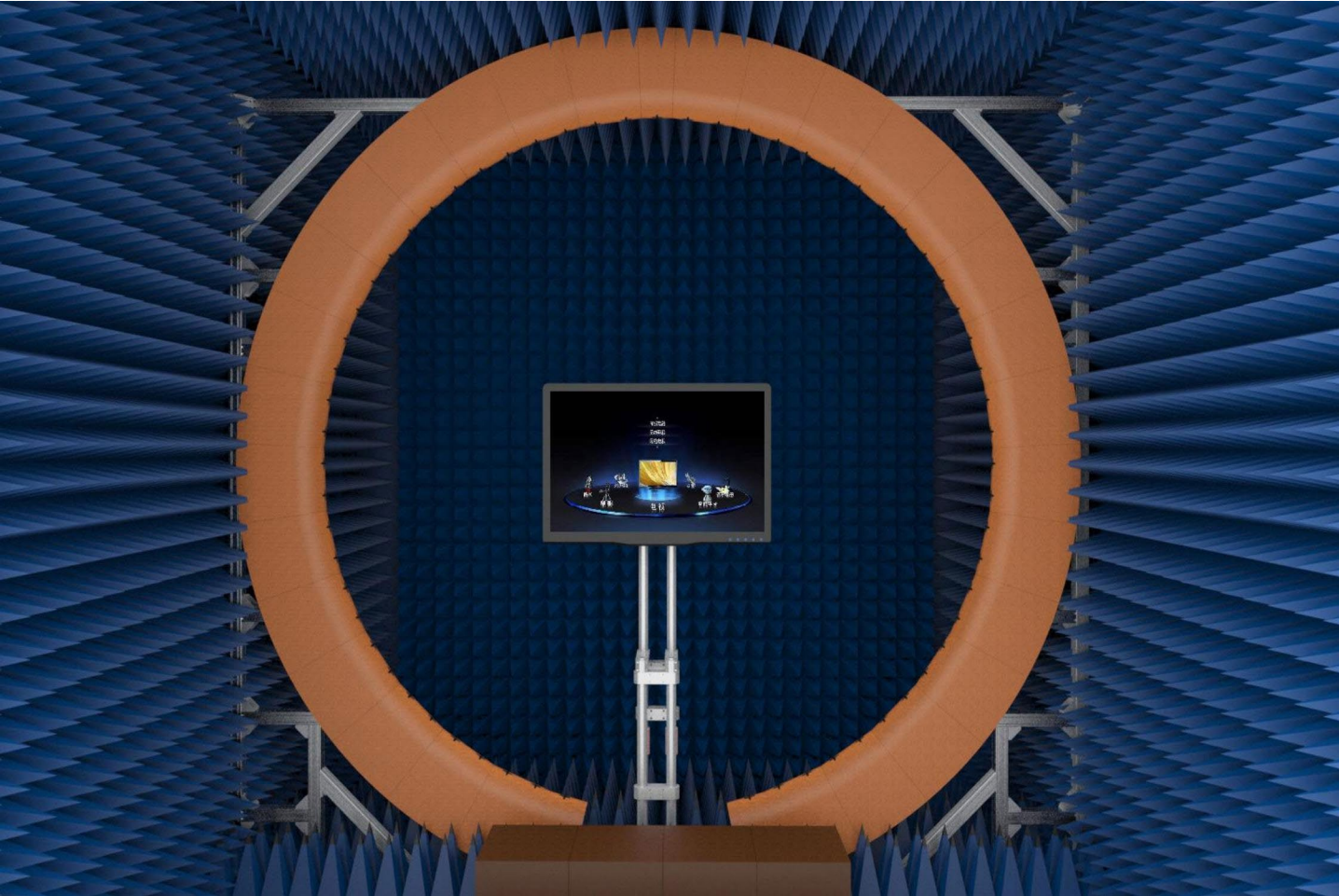


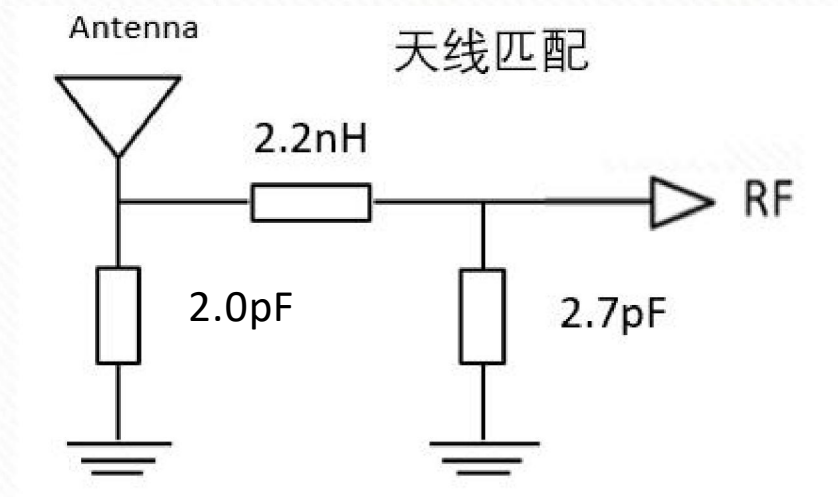
Antenna Report

Model: HM4001-01

1. **equipment schedule**.....
... ..
2. **Matching circuit**.....
... ..
3. **Wi-Fi antenna-related data**.....

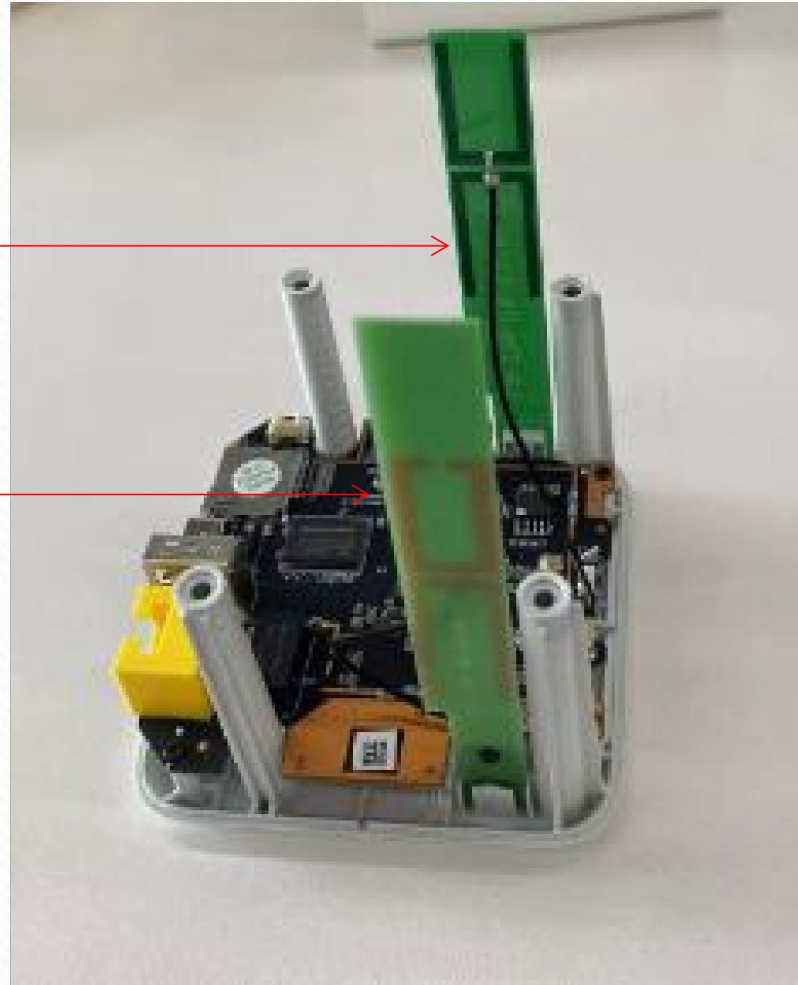


equipment schedule	QTY	
OTA Laboratory	10	
5G Comprehensive Tester (SP9500-CTS)	3	
R&S Comprehensive Analyzer (High-end CMW500)	7	
Nihon Infrascop Analyzer (Dual Channel 8820)	4	
NB-IoT Comprehensive Tester (SP8315)	3	
Agilent Spectrum Analyzer (8960)	9	
Agilent Network Analyzer (E5062A)	7	
Agilent Network Analyzer (E5071C 8.5 GHz)	11	
Agilent Network Analyzer (E5071B 8.5 GHz)	10	
R&S Network Analyzer (ZND)	10	
R&S Network Analyzer (ZVB)	3	
OTA head hand / cochlea / arm	5	
GPS/WIFI active testing equipment	5	



ANT2

ANT1



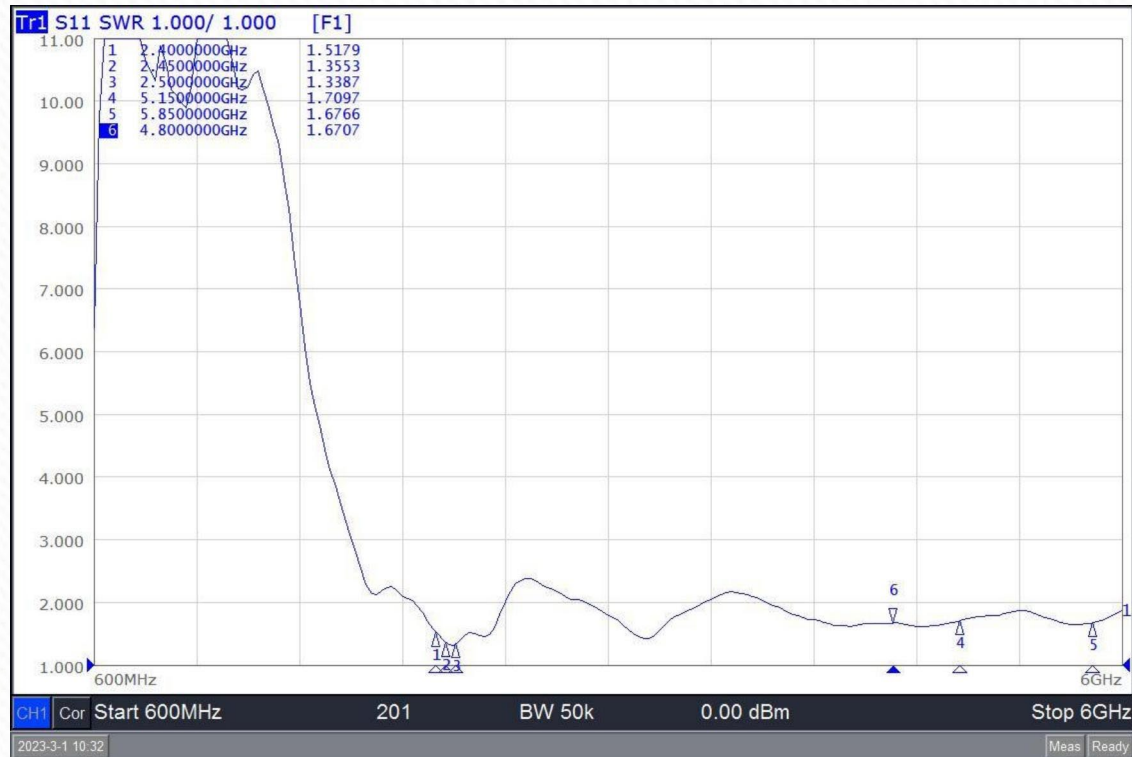
ANT1:

Frequency/Mhz	Efficiency / %	MaxGain/dBi
2400	61.23	3.21
2410	59.58	3.37
2420	59.7	2.77
2430	59.58	2.91
2440	59.83	2.76
2450	59.83	2.78
2460	57.36	2.57
2470	62.41	3.13
2480	61.62	3.01
2490	62.02	3.15
2500	60.34	2.96

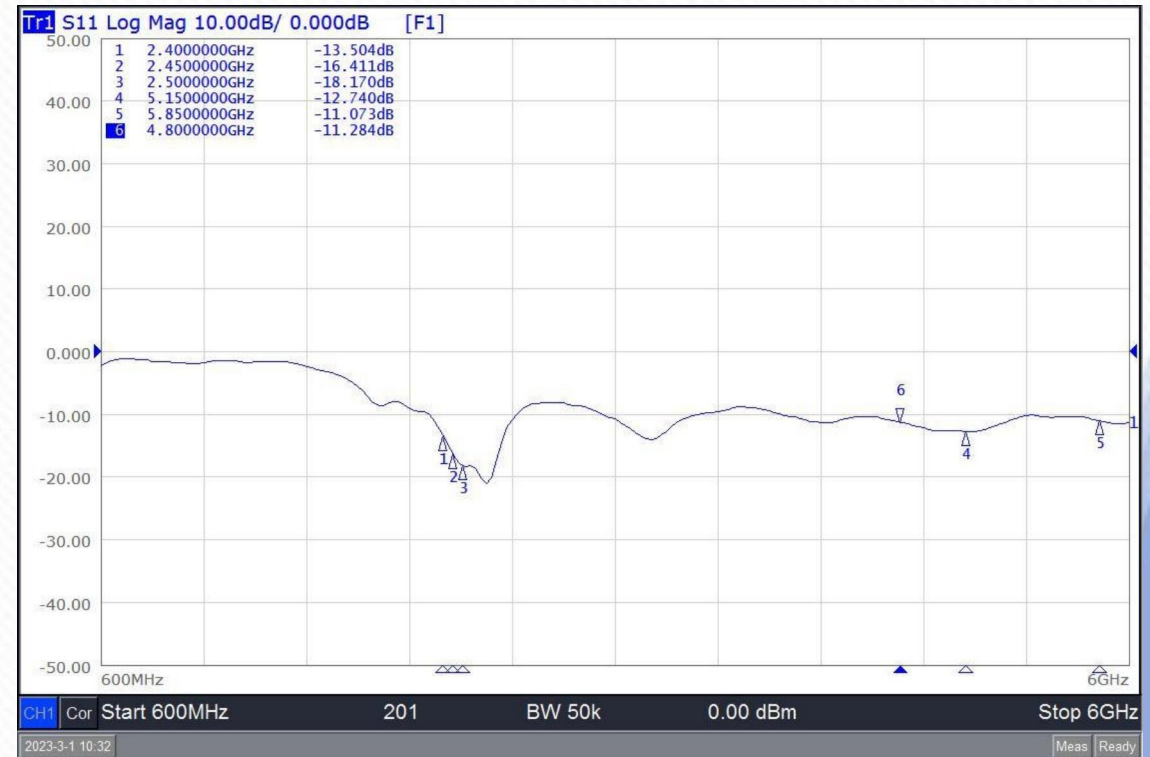
ANT2:

Frequency/Mhz	Efficiency / %	MaxGain/dBi
2400	69.98	3.29
2410	67.92	3.51
2420	69.18	3.13
2430	68.87	3.43
2440	68.23	3.17
2450	68.08	3.24
2460	65.71	2.91
2470	69.82	3.35
2480	68.87	3.03
2490	68.71	3.41
2500	66.53	2.94

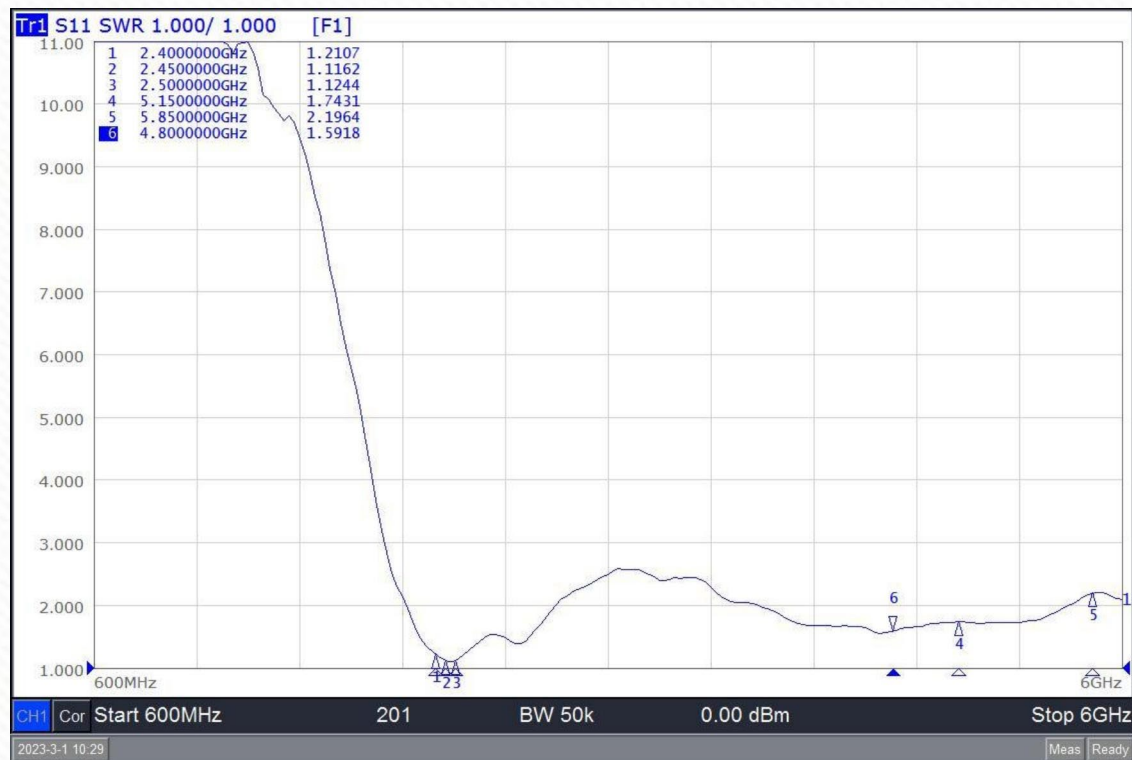
ANT1驻波比:



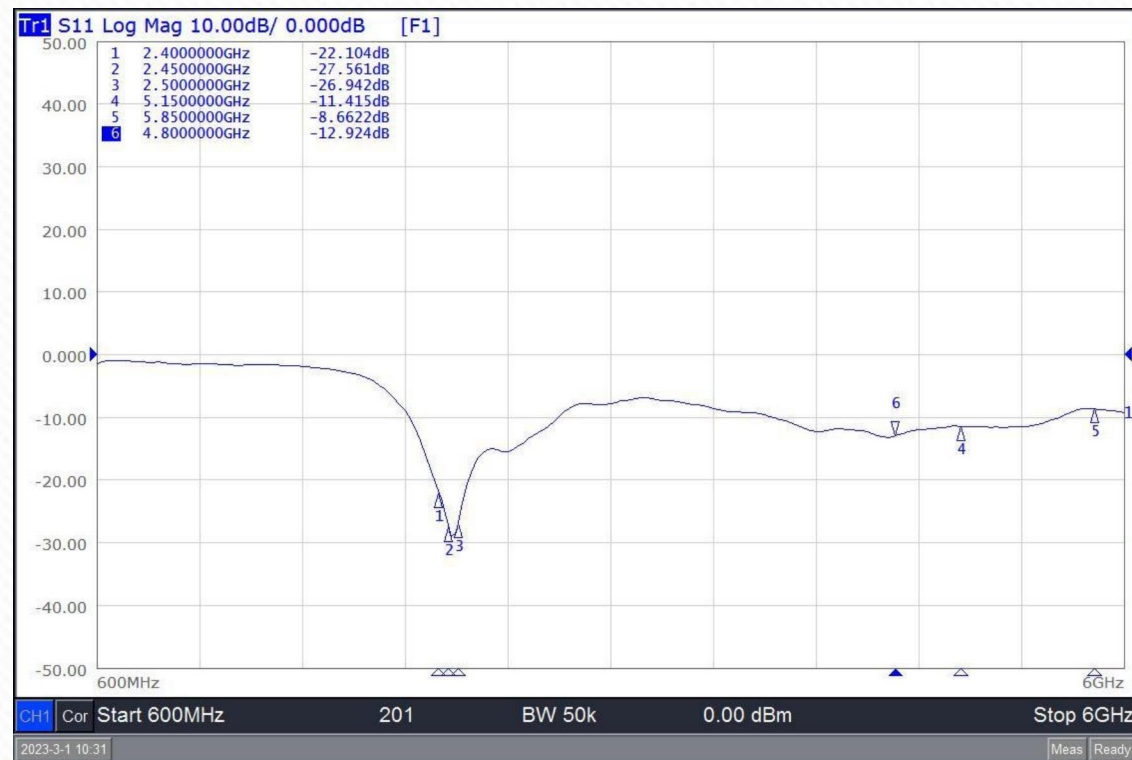
ANT1回波损耗:



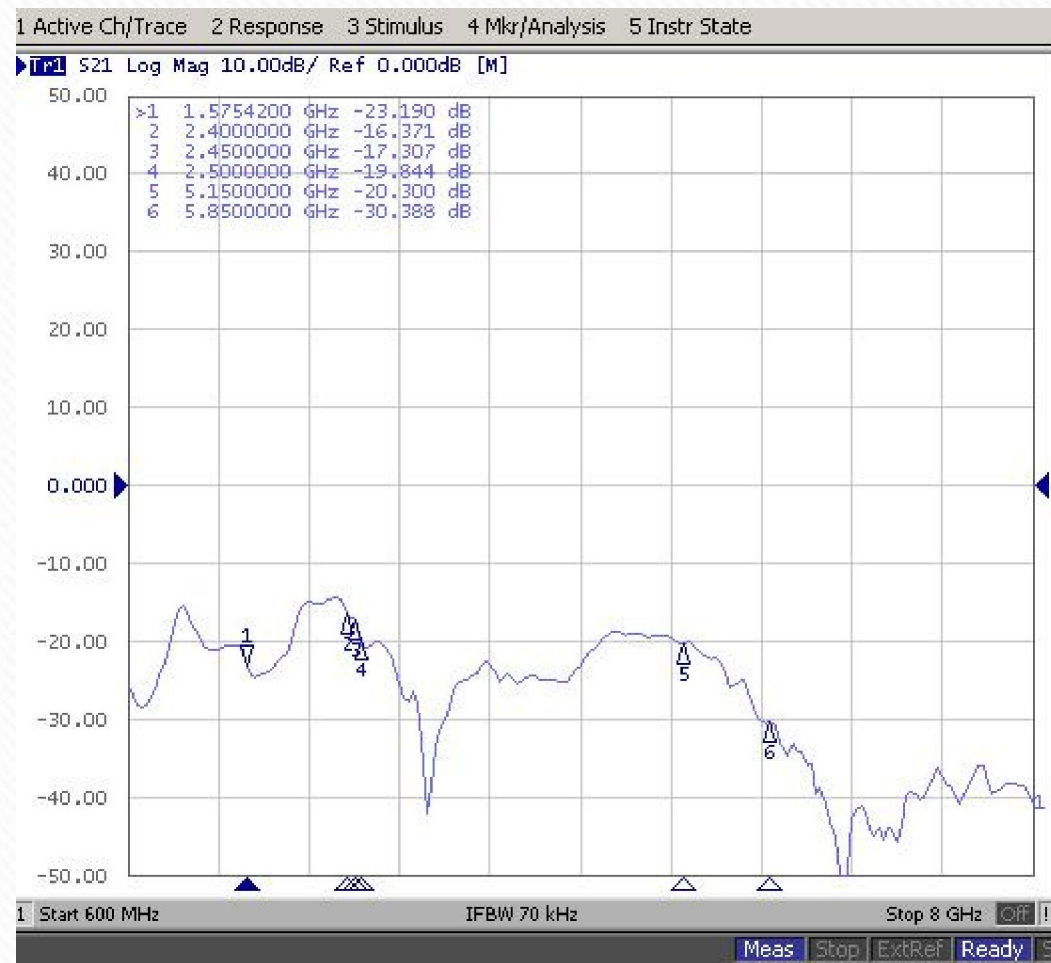
ANT2驻波比:



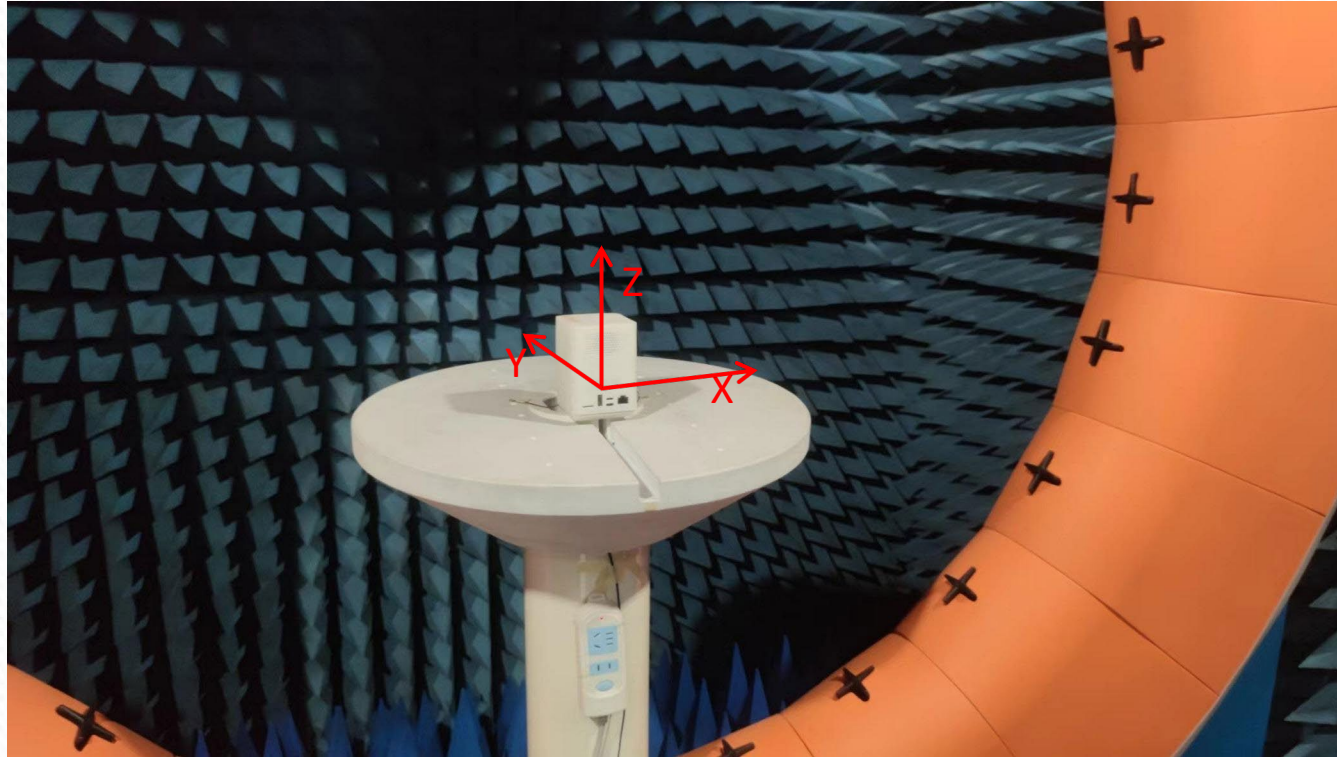
ANT2回波损耗:



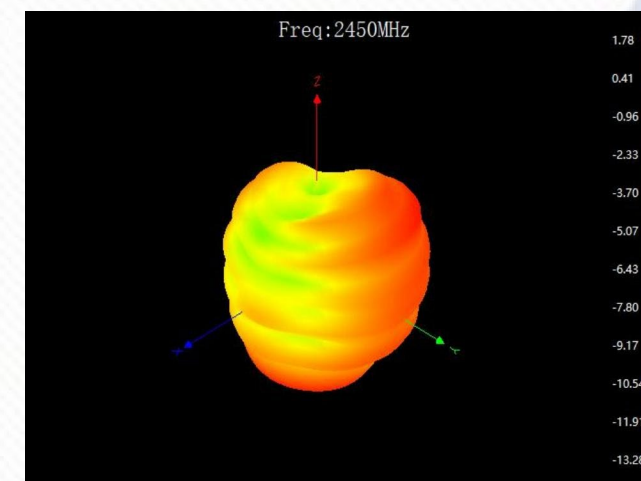
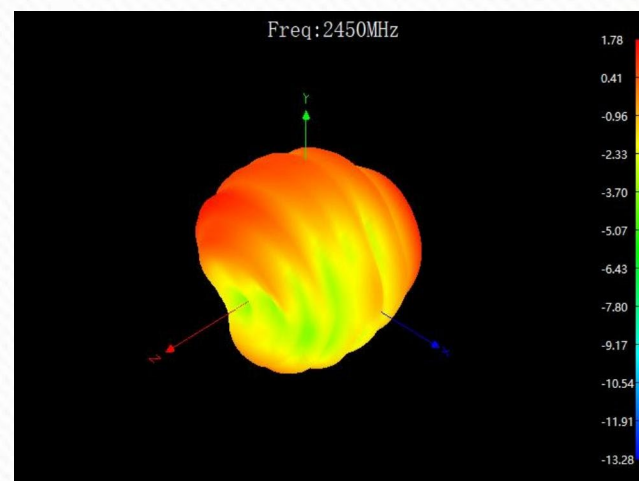
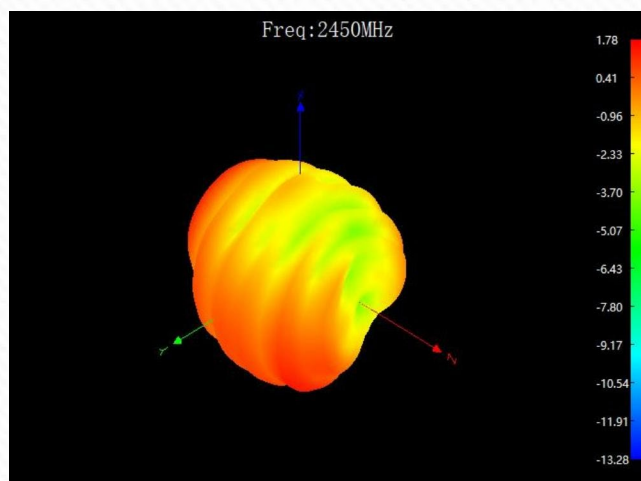
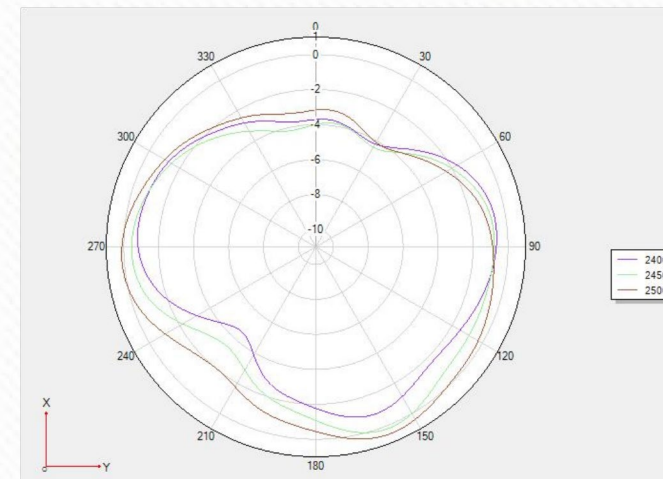
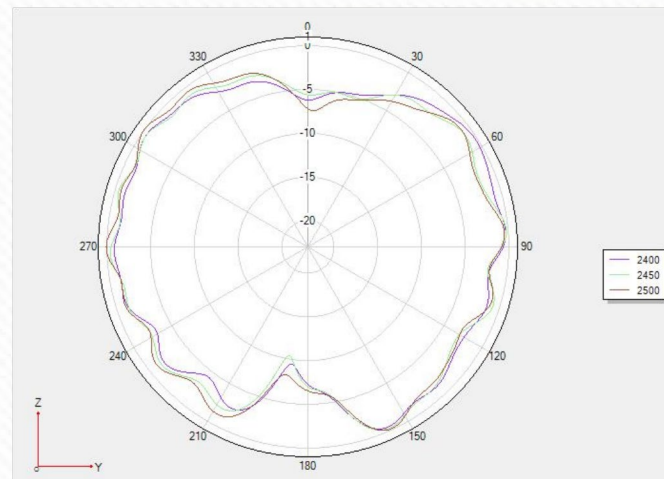
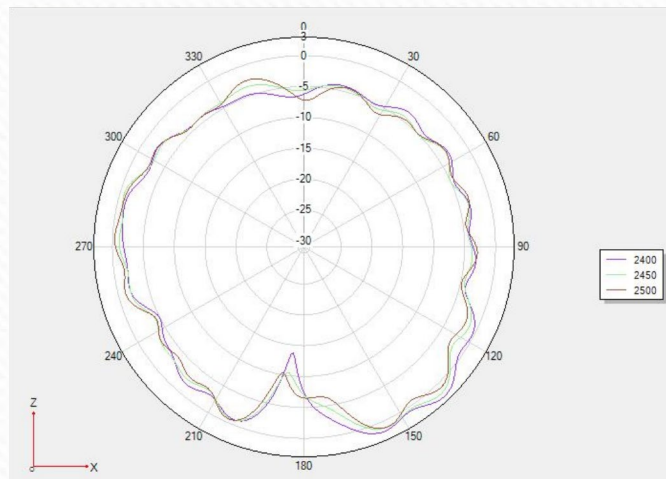
ANT1、ANT2隔离度:



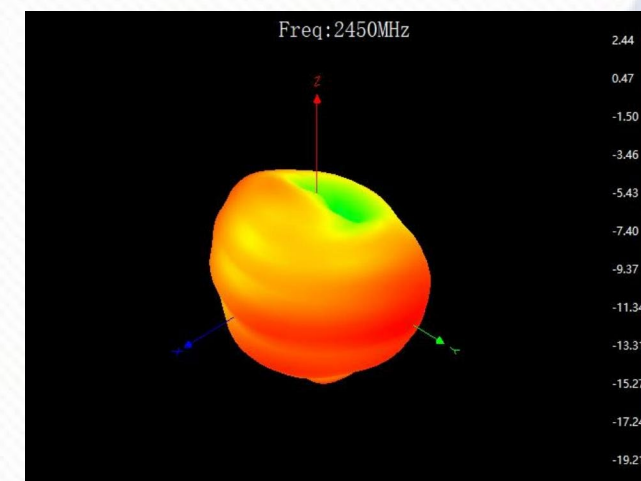
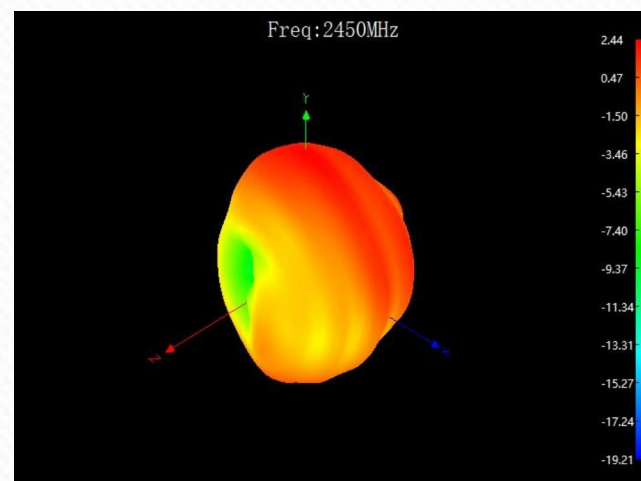
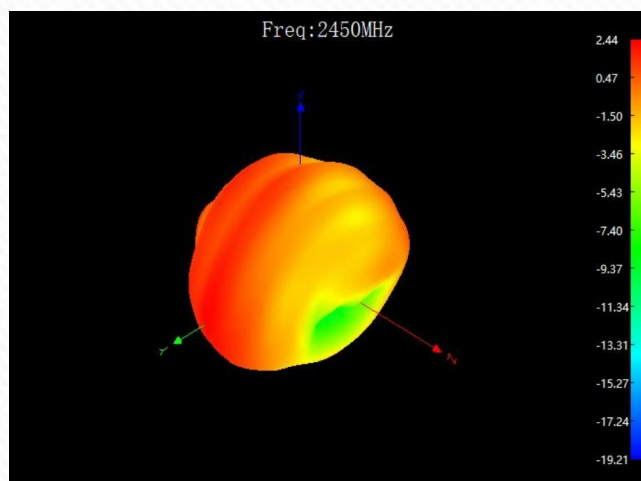
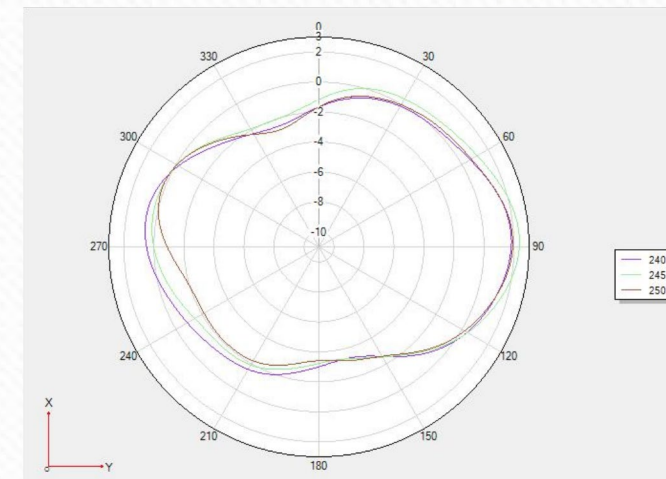
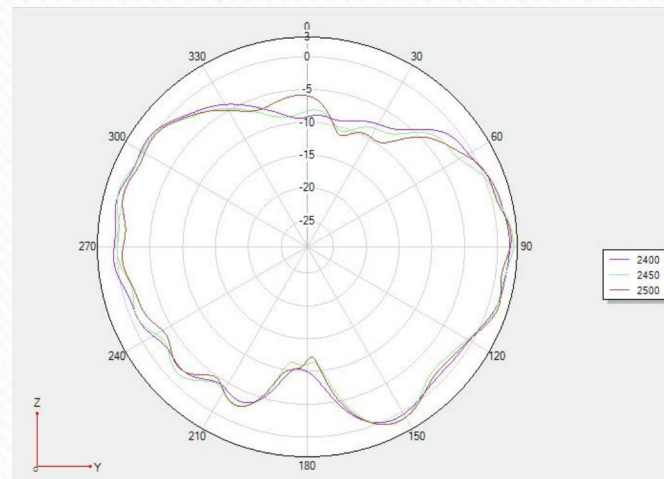
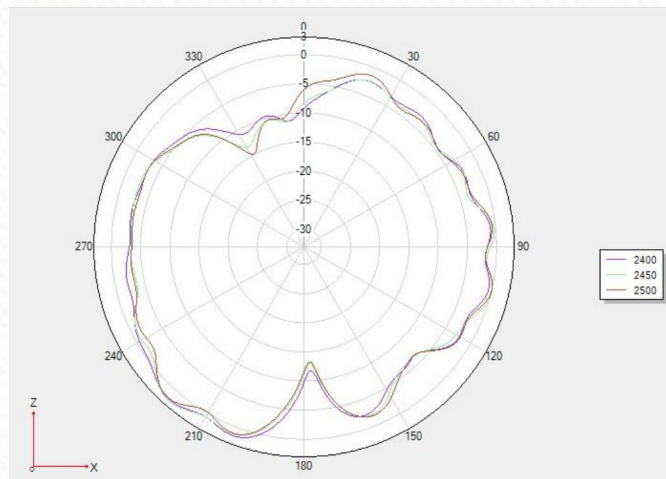
辐射方向图



ANT1:2D、3D方向图



ANT2:2D、3D方向图



Measurement	Band	Channel	0145	0033
TRP	WIFI_B (1M)	1	18.61	18.6
TRP	WIFI_B (1M)	7	19.01	18.88
TRP	WIFI_B (1M)	13	18.9	19.3
TRP	WIFI_B (11M)	1	18.19	17.95
TRP	WIFI_B (11M)	7	18.66	18.4
TRP	WIFI_B (11M)	13	18.51	18.74
TIS(EIRP)	WIFI_B (11M)	1	-88.55	-87.5
TIS(EIRP)	WIFI_B (11M)	7	-88.27	-88.56
TIS(EIRP)	WIFI_B (11M)	13	-88.48	-88.02
TRP	WIFI_G (6M)	1	20.41	20.15
TRP	WIFI_G (6M)	7	20.5	20.28
TRP	WIFI_G (6M)	13	20.21	20.31
TRP	WIFI_G (54M)	1	17.54	17.43
TRP	WIFI_G (54M)	7	17.97	17.63
TRP	WIFI_G (54M)	13	17.49	17.83
TIS(EIRP)	WIFI_G (54M)	1	-75.51	-75.39
TIS(EIRP)	WIFI_G (54M)	7	-75.14	-75.25
TIS(EIRP)	WIFI_G (54M)	13	-75.58	-74.69

Measurement	Band	Channel	0145	0033
TRP	WIFI_N_ISM (6.5M)	1	20.01	19.75
TRP	WIFI_N_ISM (6.5M)	6	19.74	19.52
TRP	WIFI_N_ISM (6.5M)	11	19.9	20.08
TRP	WIFI_N_ISM (65M)	1	17.23	16.98
TRP	WIFI_N_ISM (65M)	7	16.56	16.34
TRP	WIFI_N_ISM (65M)	13	16.96	17.36
TIS(EIRP)	WIFI_N_ISM (65M)	1	-73.31	-73.69
TIS(EIRP)	WIFI_N_ISM (65M)	2	-73.26	-73.28
TIS(EIRP)	WIFI_N_ISM (65M)	3	-72.4	-72.34
TIS(EIRP)	WIFI_N_ISM (65M)	4	-72.61	-72.61
TIS(EIRP)	WIFI_N_ISM (65M)	5	-73.17	-72.81
TIS(EIRP)	WIFI_N_ISM (65M)	6	-72.28	-73.29
TIS(EIRP)	WIFI_N_ISM (65M)	7	-72.34	-72.72
TIS(EIRP)	WIFI_N_ISM (65M)	8	-73.31	-72.14
TIS(EIRP)	WIFI_N_ISM (65M)	9	-72.14	-72.85
TIS(EIRP)	WIFI_N_ISM (65M)	10	-72.97	-72.35
TIS(EIRP)	WIFI_N_ISM (65M)	11	-72.28	-72.41
TIS(EIRP)	WIFI_N_ISM (65M)	12	-73.42	-73.37
TIS(EIRP)	WIFI_N_ISM (65M)	13	-73.51	-72.29

Thank You



扫码关注微信公众号



扫码关注官网

www.sunnyway-iot.com