



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

HUACHUANG TECHNOLOGY LTD

Antenna Test Report

Tester : Hu Lin
Approval : Liu Feng
Date : 2024 / 04/ 22



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

1. Device Profile

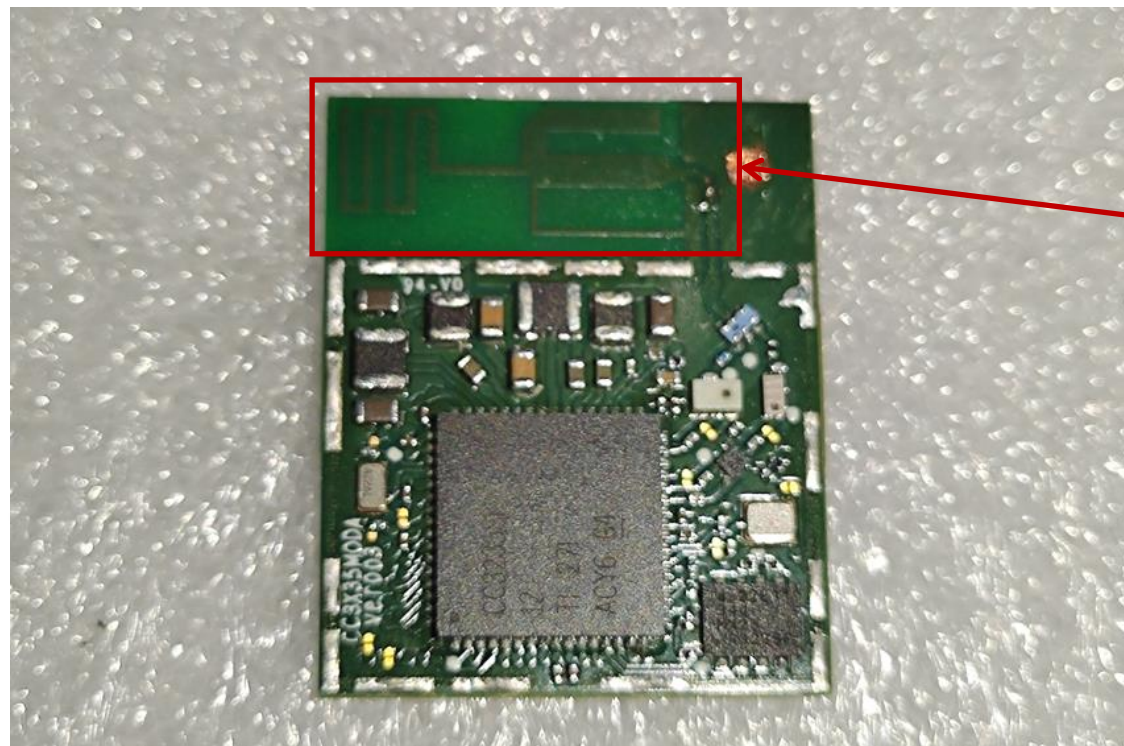
2. 2400-2500MHz、 5150-5850MHz Test



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

1. Device Profile



Wifi Antenna

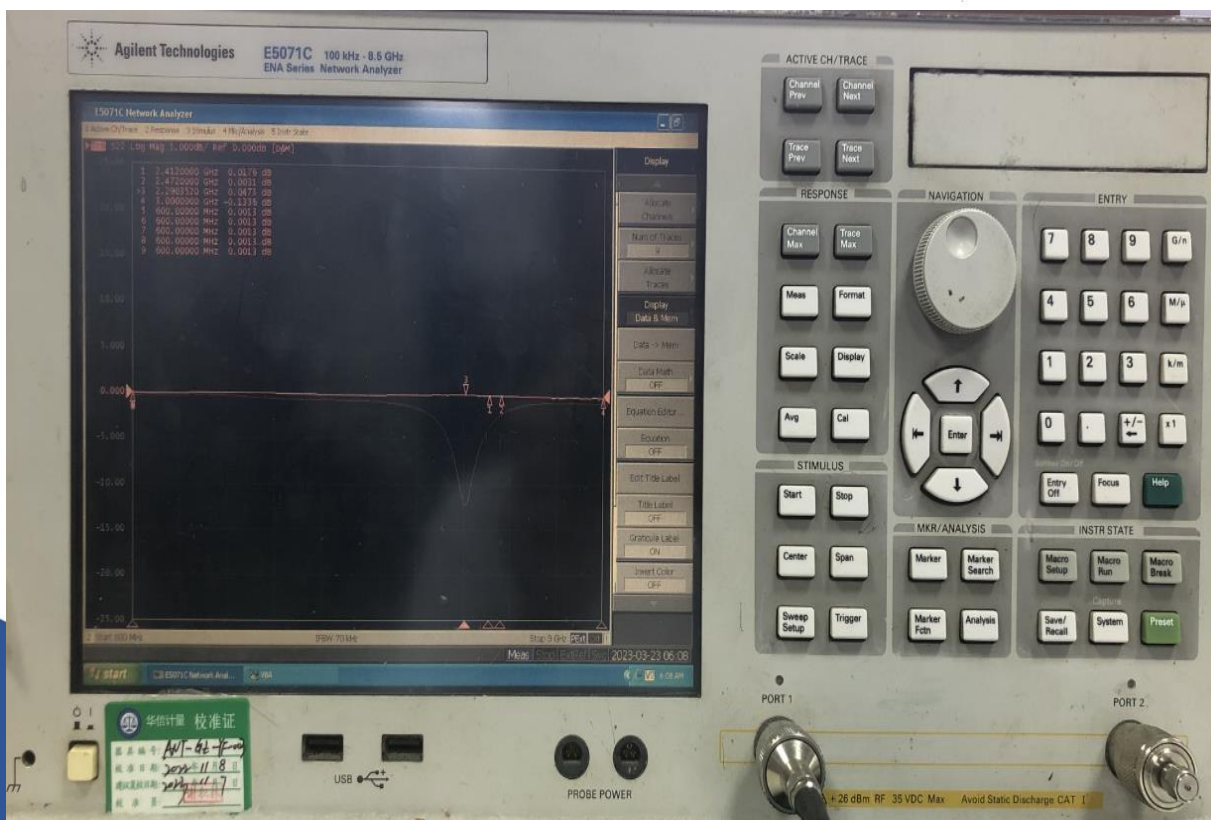


深圳市安特通讯科技有限公司

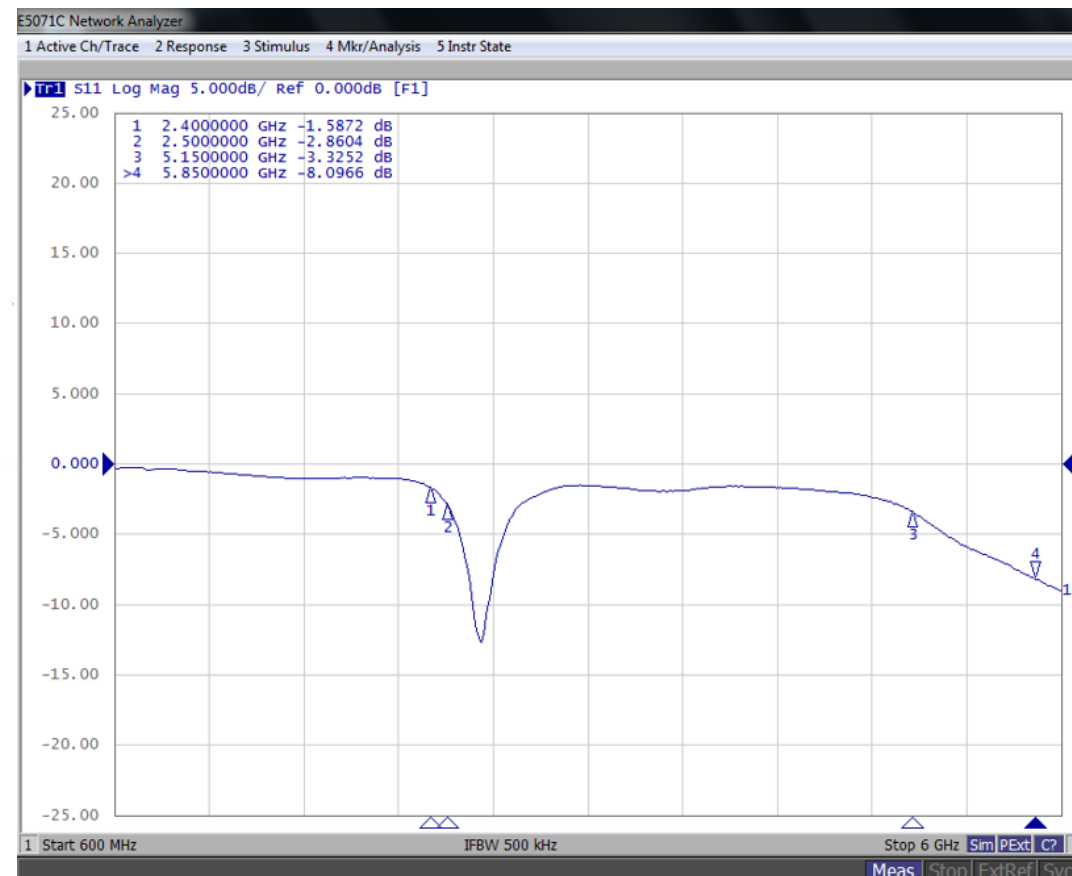
ANT Communication Technology (Shenzhen) Co., LTD.

2. 2400-2500MHz、5150-5850MHz Test

Agilent E5071C



S-Parameter Test

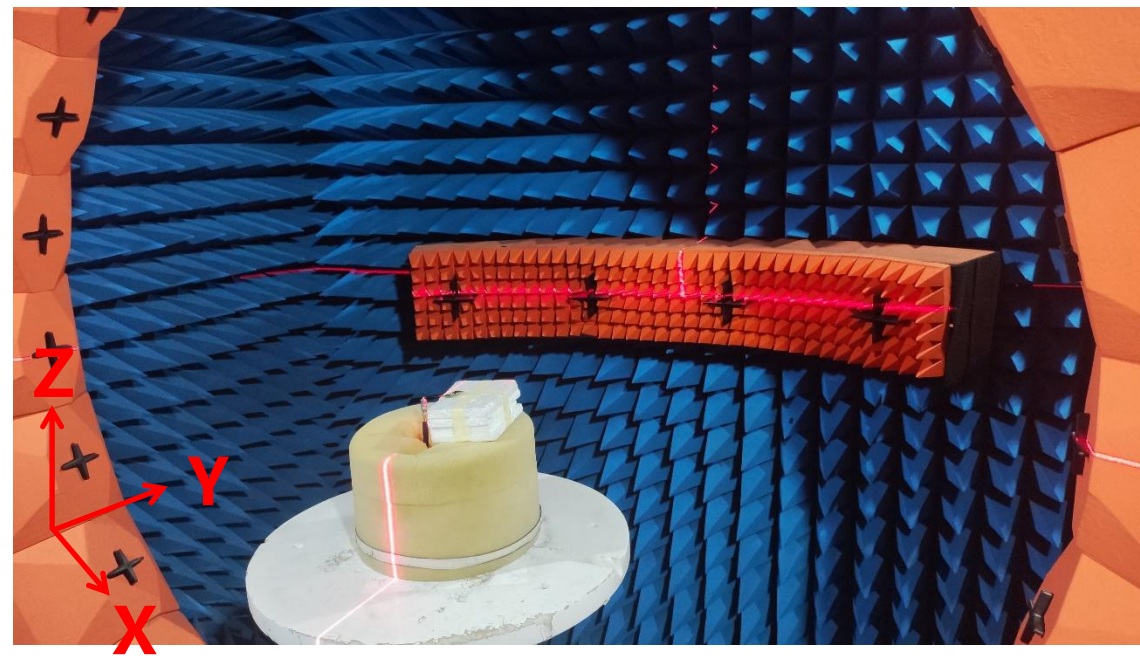
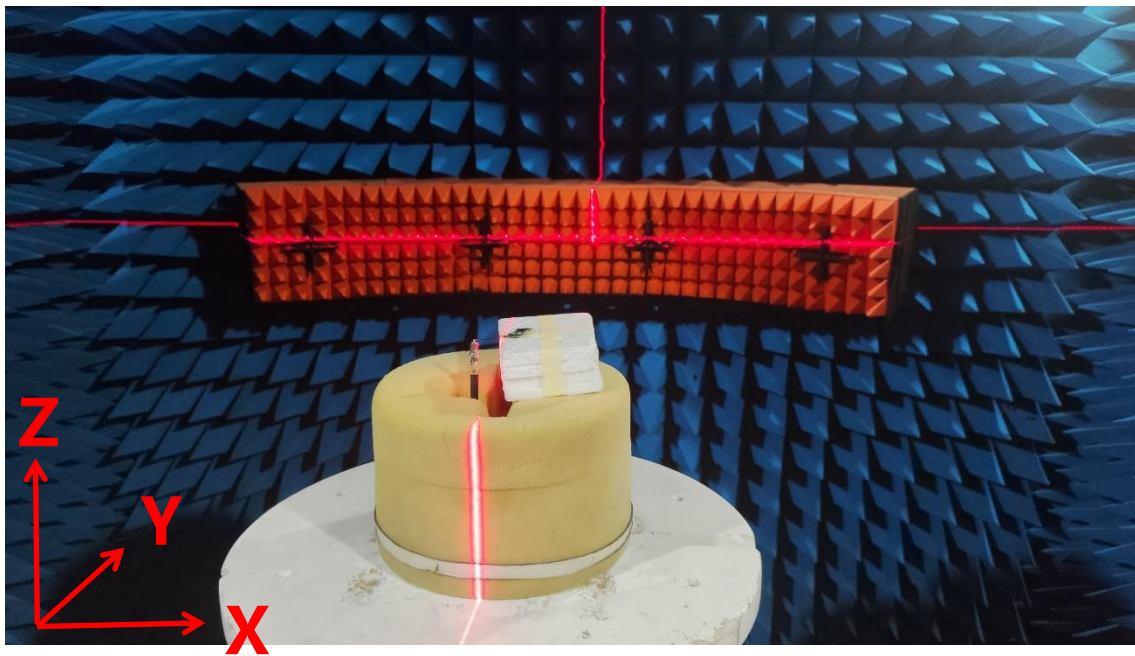




深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

Antenna Passive Test





深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

Passive Test				Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi	Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-7.63	17.26	-3.84	5150	-17.44	18.03	-4.56
2410	-7.51	17.74	-3.49	5200	-16.97	20.09	-3.79
2420	-7.36	18.37	-3.01	5250	-16.67	21.53	-3.85
2430	-7.2	19.05	-3.63	5300	-16.24	23.77	-2.27
2440	-7.12	19.41	-2.8	5350	-15.85	25.99	-2.2
2450	-7.01	19.91	-4.19	5400	-15.40	28.83	-1.76
2460	-6.88	20.51	-2.48	5450	-15.21	30.11	-0.99
2470	-6.87	20.56	-2.98	5500	-14.89	32.45	0.51
2480	-6.61	21.83	-3.55	5550	-14.70	33.9	0.81
2490	-6.46	22.59	-1.48	5600	-14.44	35.98	1.75
2500	-5.97	25.29	-2.31	5650	-14.13	38.68	1.84
				5700	-13.93	40.48	2.14
				5750	-13.85	41.24	2.26
				5800	-13.64	43.23	2.5
				5850	-3.47	44.98	2.75

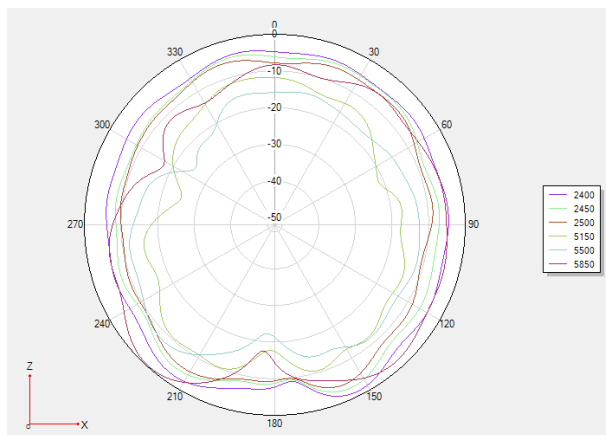


深圳市安特通讯科技有限公司

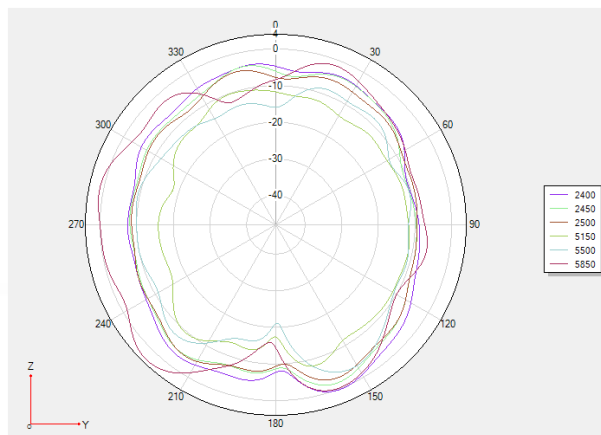
ANT Communication Technology (Shenzhen) Co., LTD.

2D-Etotal (2400/2450/2500/5150/5500/5850Mhz)

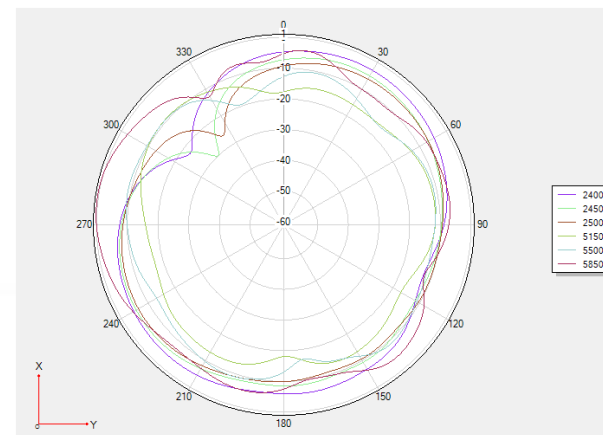
Phi 0 2D



Phi 90 2D



Theta 90 2D

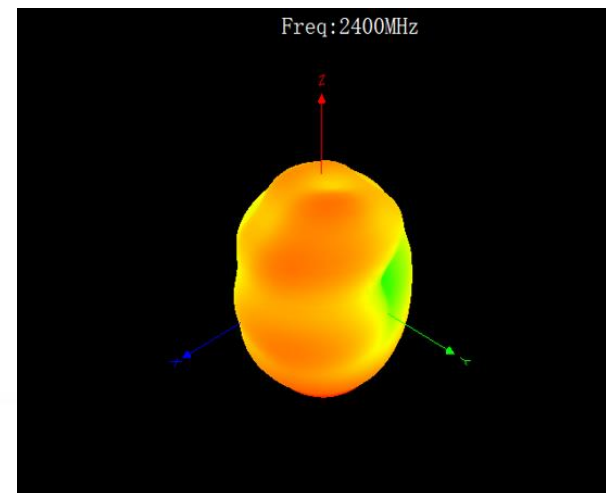
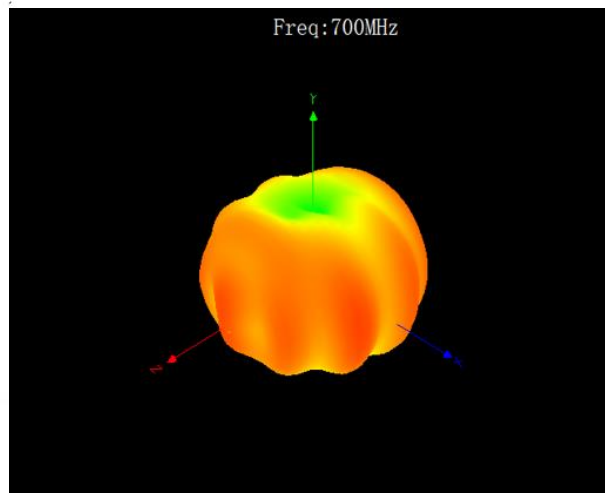
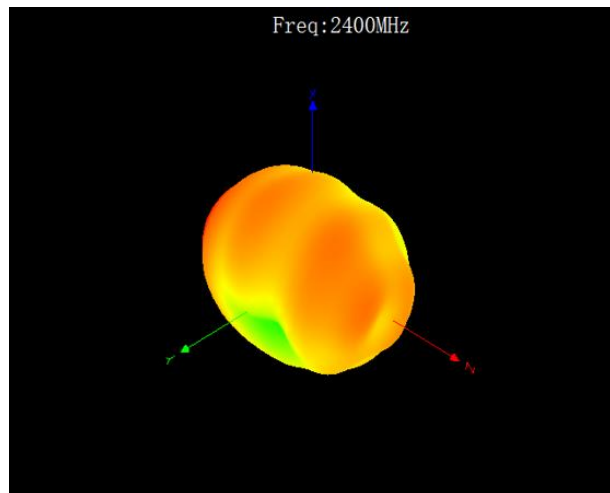




深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

3D-Etotal (2400Mhz)

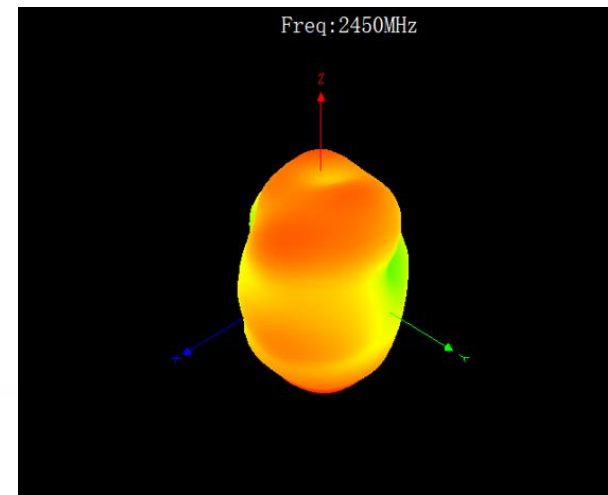
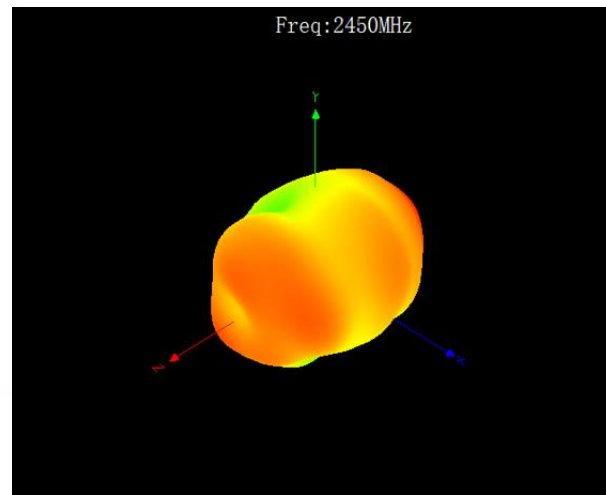
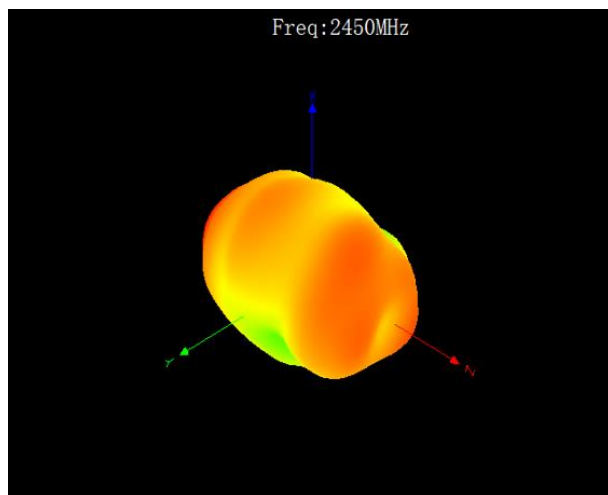




深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

3D-Etotal (2450Mhz)

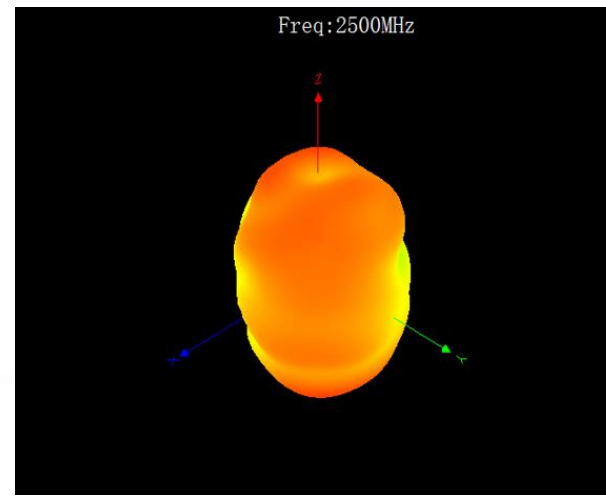
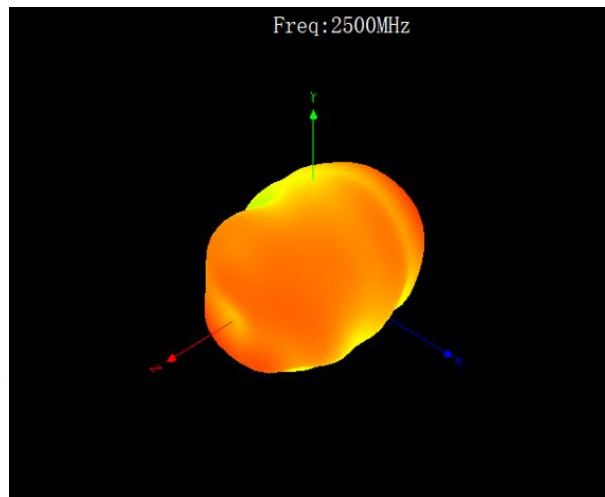
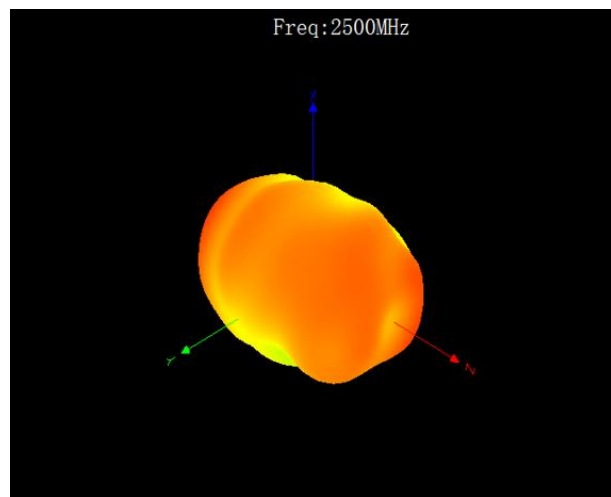




深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

3D-Etotal (2500Mhz)

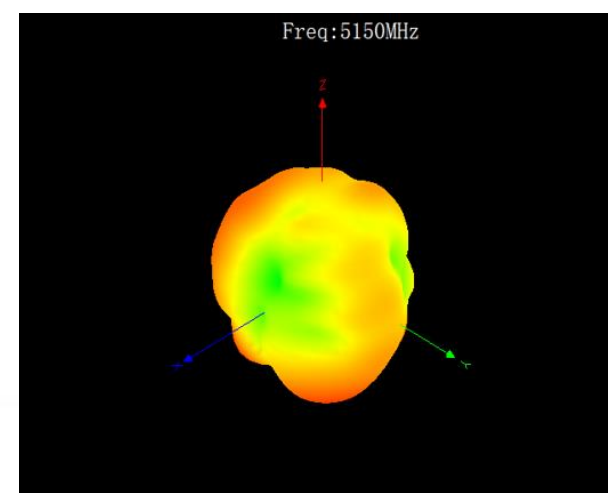
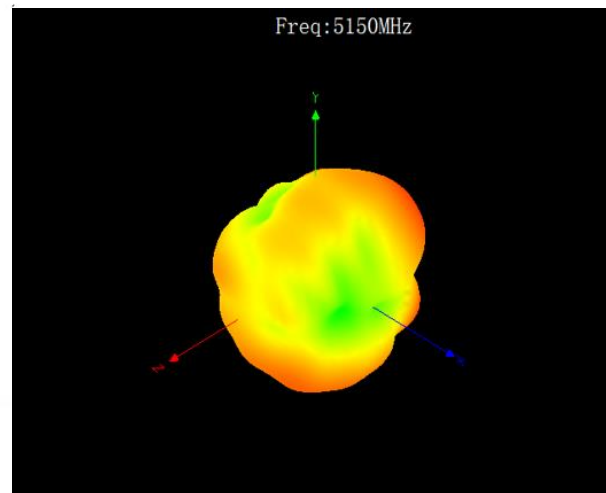
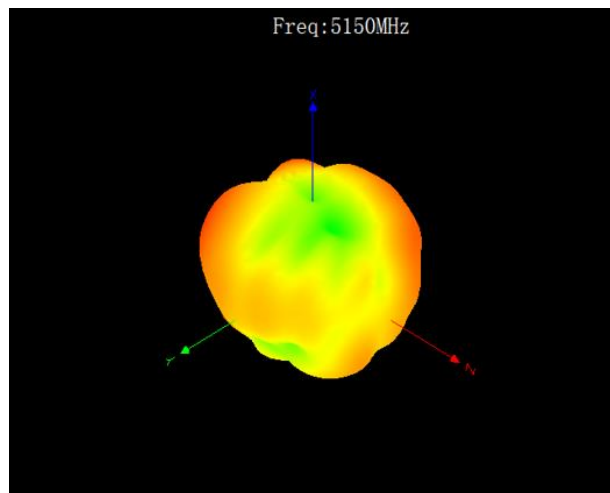




深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

3D-Etotal (5150Mhz)

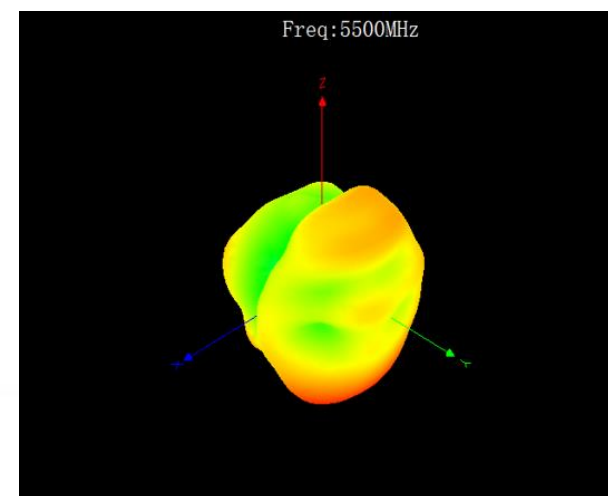
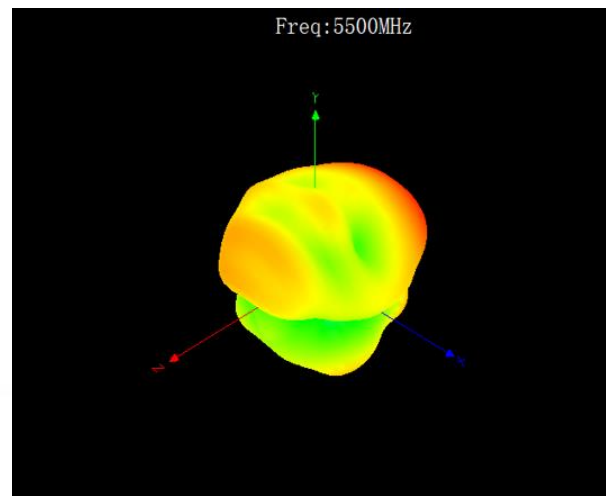
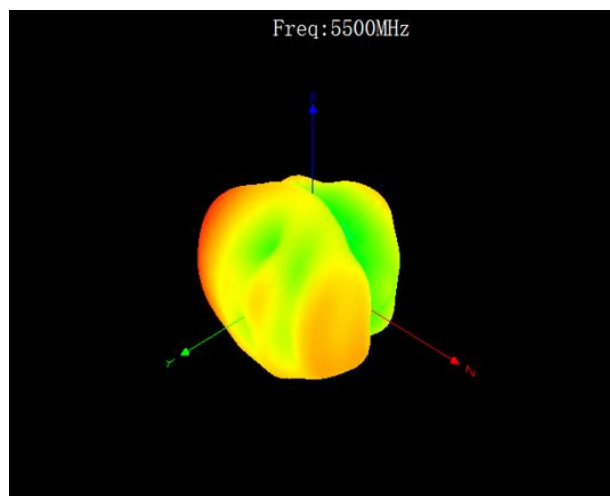




深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

3D-Etotal (5500Mhz)

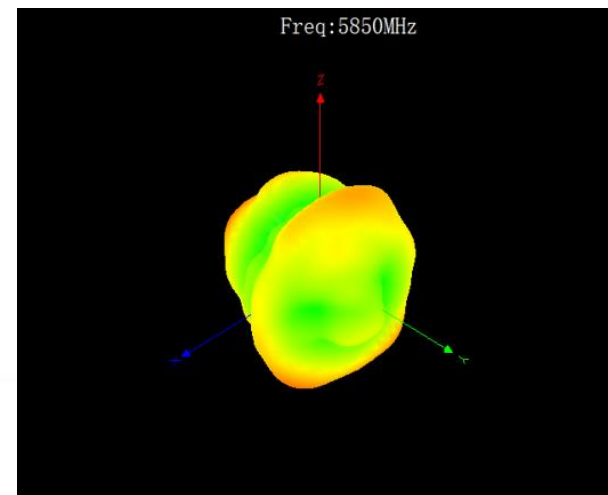
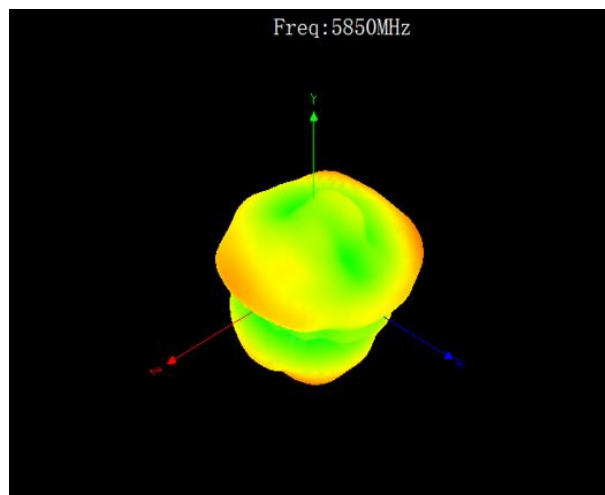
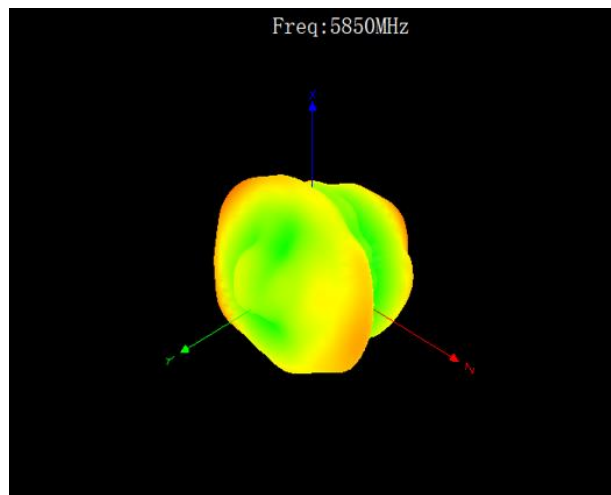




深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

3D-Etotal (5850Mhz)





深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.



THANK YOU!