
Antenna specification

Antenna band: 2.4G

Antenna model: white2.4GantennaL=80mm

date of issue: 2022.9.14

Manufacturer: Dongguan Zhongyida Electronic Technology Co., Ltd.

fiction	examine and verify	ratify

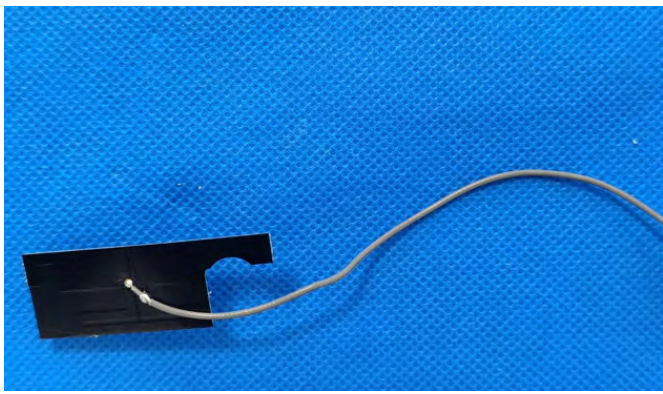
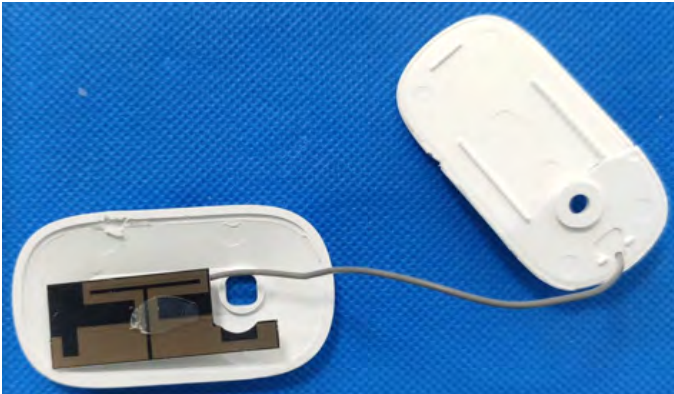
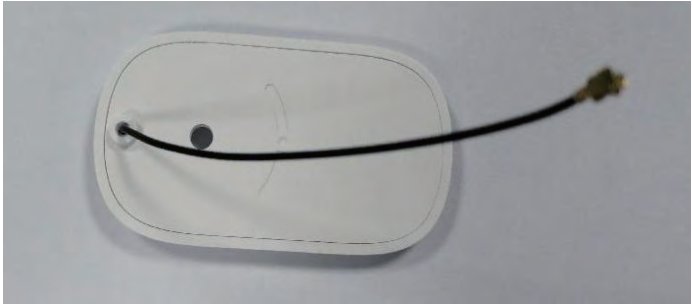
clientadmit:

affirm	examine and verify	ratify

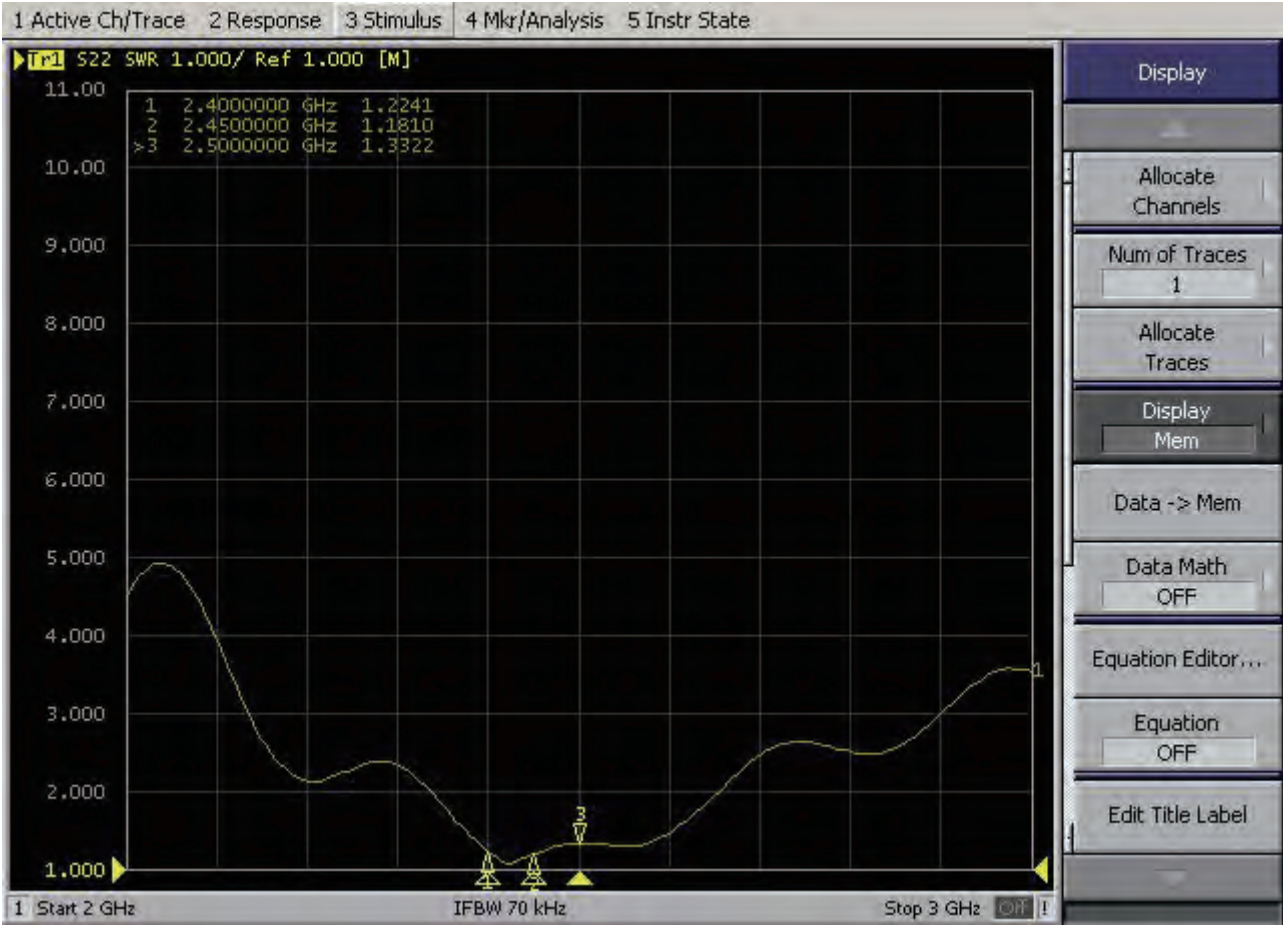
一、 product requirement specification

Antenna Name	white2.4GantennaL=80mm
Main Electrical Specifications	
Frequency Rang （MHz）	2400/2500MHz
VSWR	≤2. 0
Impedance （Ω）	50 Ω
Polarization	Vertical Polarization
Main Structure Specifications	
Length	62MM
Connector Type	IPEX （gold-plating）
Color	white

二、 outside view drawing

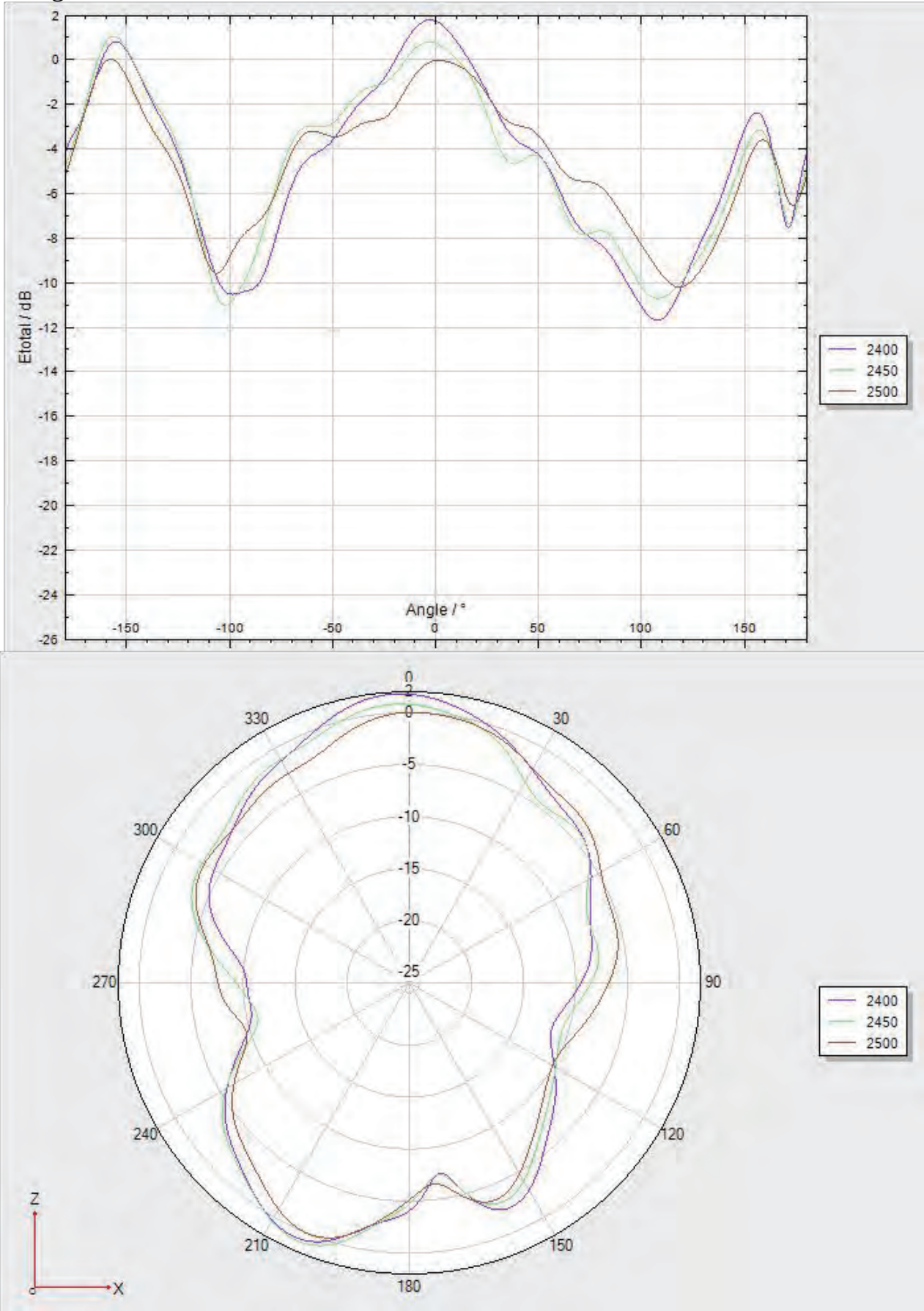


三、VSWR



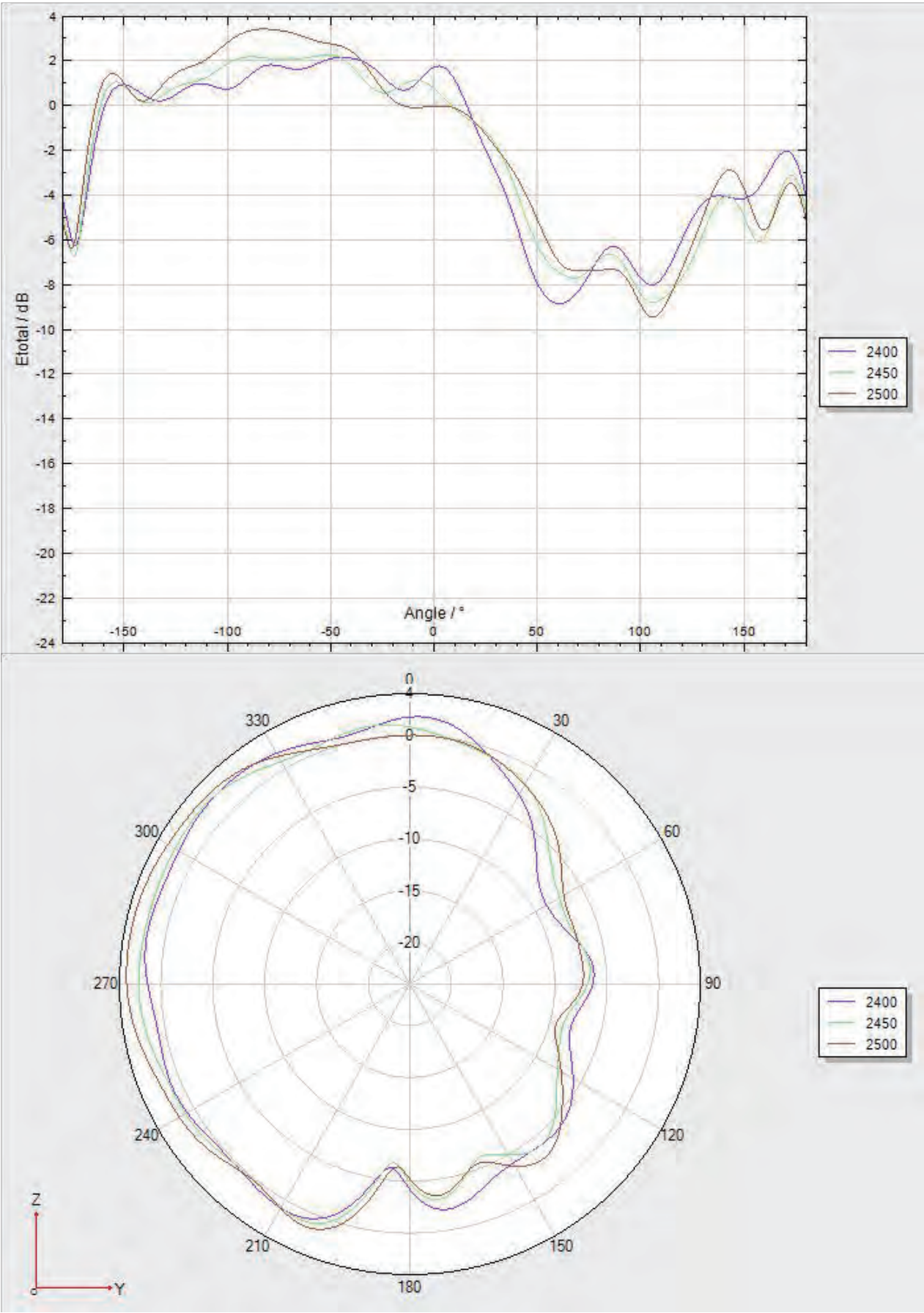
四、Antenna test diagram

Phi 0 2D figure X-Z

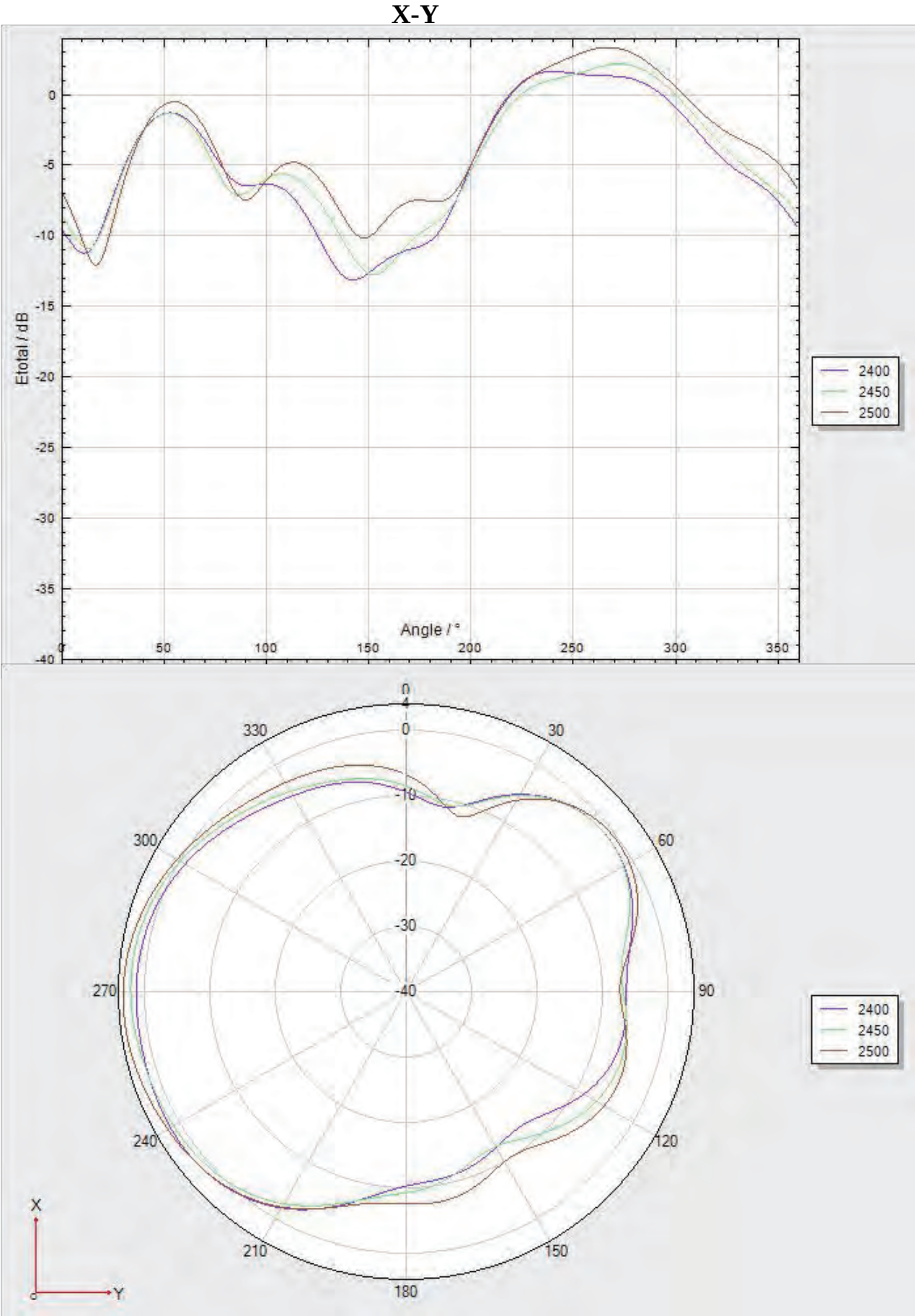


Phi 90 2D figure

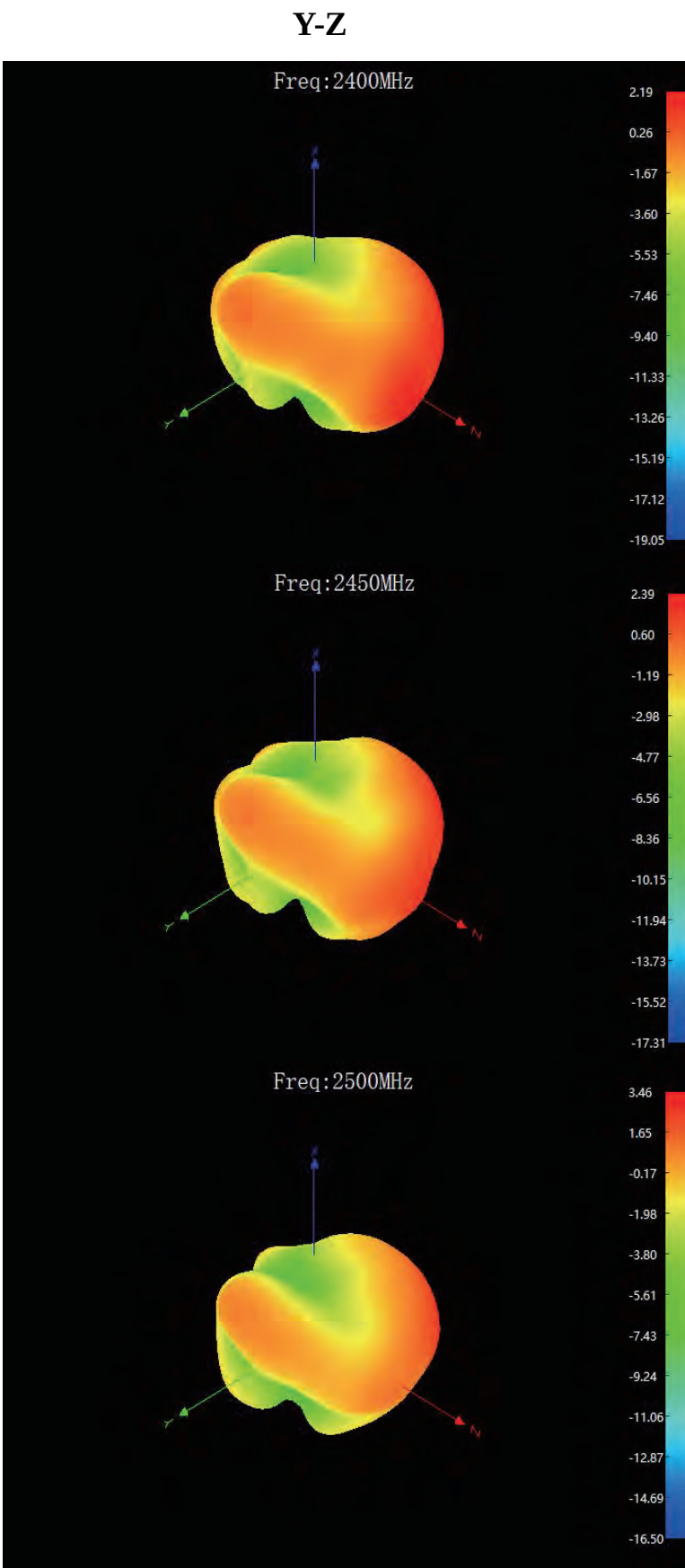
Y-Z



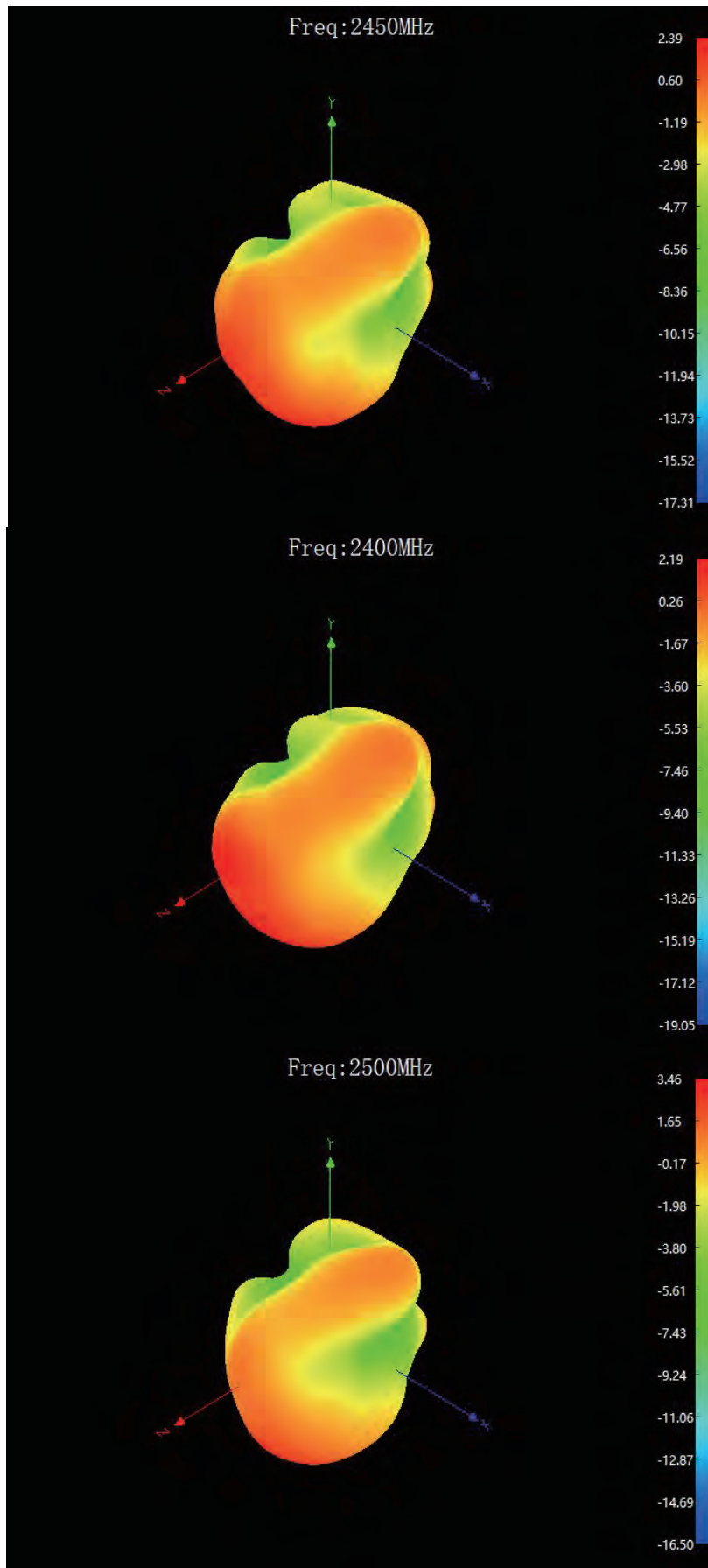
Theta 90 2D figure



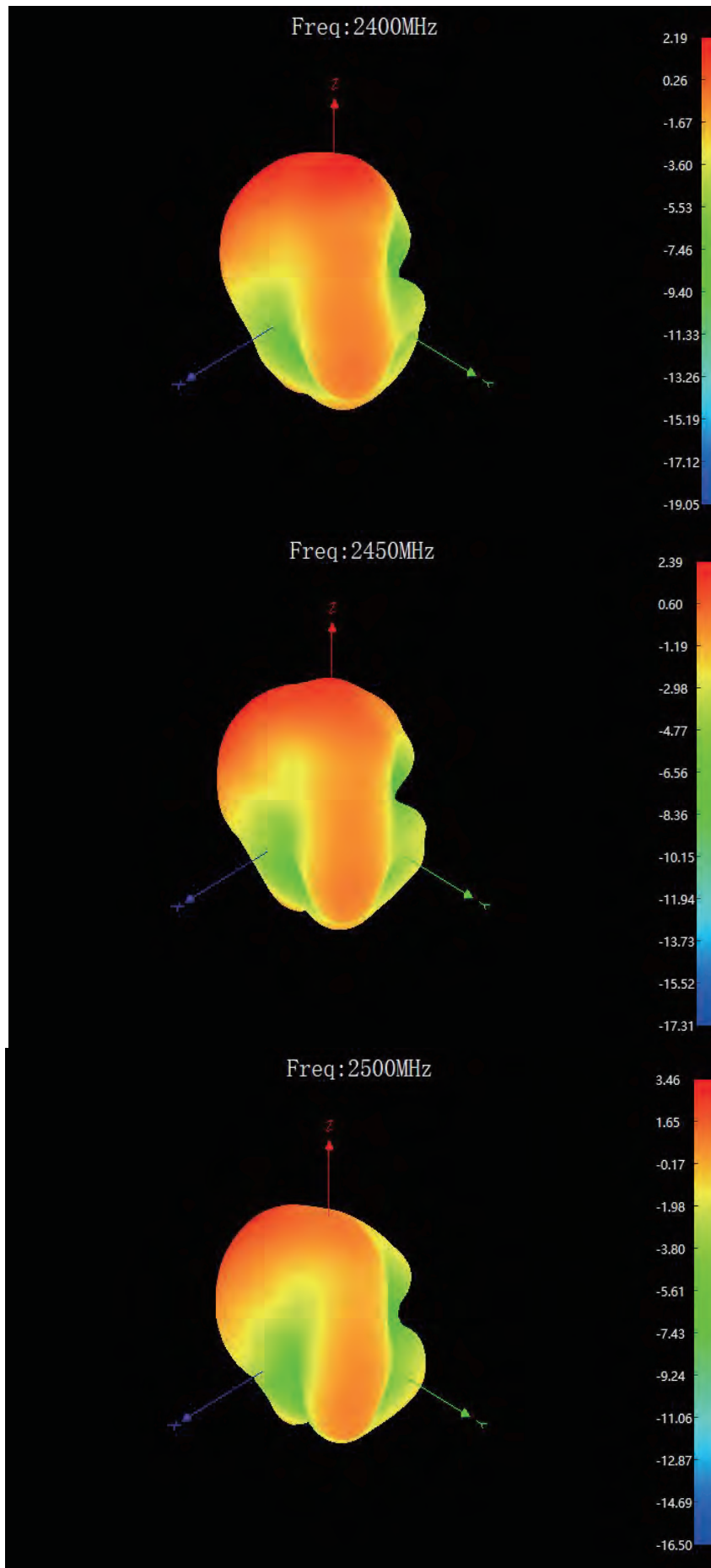
3D figure



X-Z



X-Y

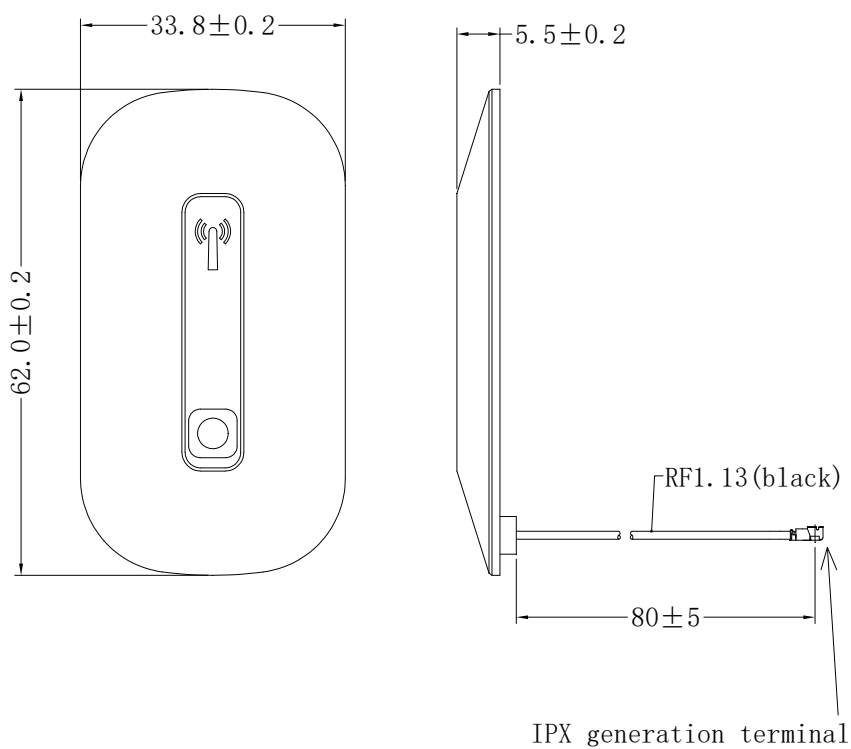
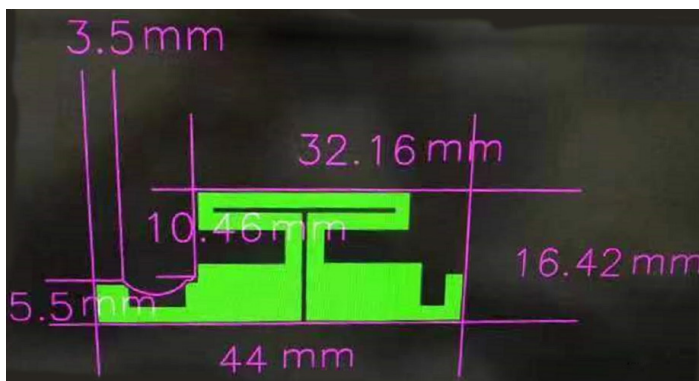


Frequency/Mhz	Efficiency / dB	Efficiency / %	Frequency/MHz	MaxGain/dBi	AvgGain/dBi
2400	-2.11	61.52	2400	2.19	-2.11
2410	-2.07	62.09	2410	2.12	-2.07
2420	-2.08	61.94	2420	2.25	-2.08
2430	-2.14	61.09	2430	2.08	-2.14
2440	-2.05	62.37	2440	2.17	-2.05
2450	-1.83	65.61	2450	2.39	-1.83
2460	-1.71	67.45	2460	2.64	-1.71
2470	-1.87	65.01	2470	2.94	-1.87
2480	-1.99	63.24	2480	3.08	-1.99
2490	-1.94	63.97	2490	3.3	-1.94
2500	-1.75	66.83	2500	3.46	-1.75

五、schedule drawing

Note:

1 Antenna color: white.



			charting:					
No tolerance was marked			proofread:					
General tolerances	0~5	±0.5	ratify:			name of a part: Cover antenna		
	5~10	±1.0						
	10~50	±2.0						
	50~	±5.0	unit	scale	mappable unit	model: white2.4GantennaL=80mm		
hole tolerance	±0.05	mm		A4		client:		
angle tolerance	±0.5°	respect 1 page						

六、dimensional check report

[illegible]