



Shenzhen Qixin Tongda Technology Co., Ltd



Antenna test data report

Customer: Zeolite

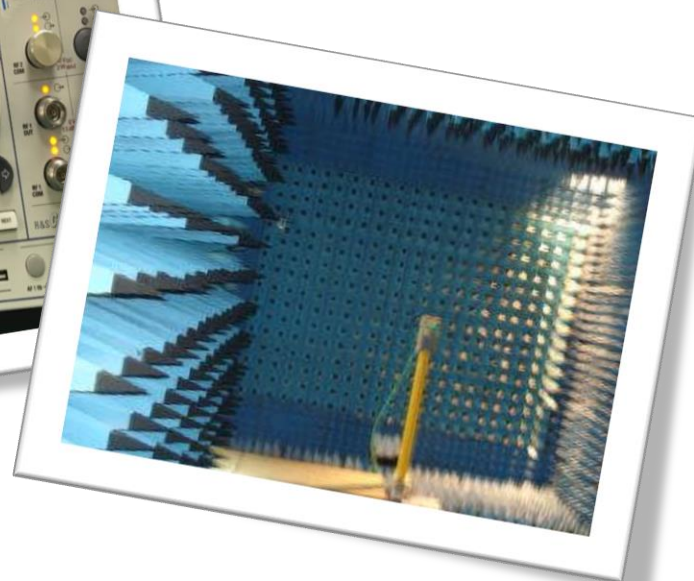
Project: T42474 Antenna Gain Report

Frequency band : GSM/WCDMA/LTE

Antenna: Xiong Xiewei (187 1893 6792)

Date: 2025/04/28

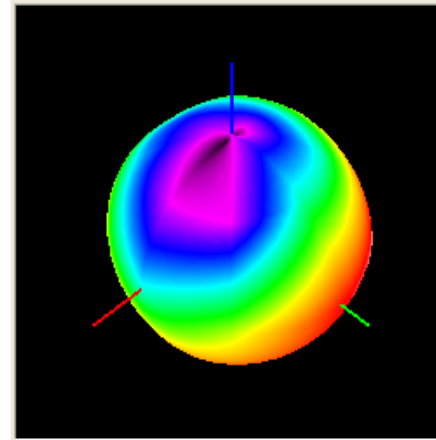
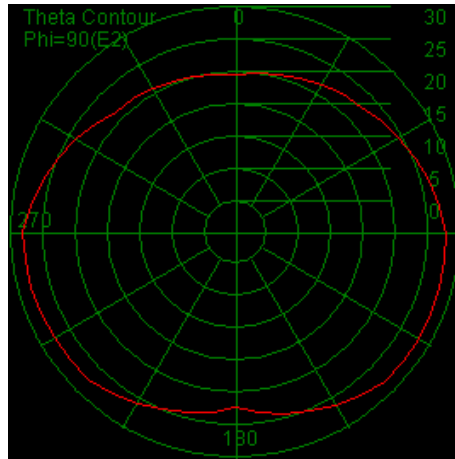
	Test project	equipment
1. S parameters	1. RL 2. VSWR	Network analyzer: Agilent 5071B
2. Coupling power test	1. power 2. level	Total tester: CMW500/8960 Anechoic chamber: 6*4*3 microwave anechoic chamber



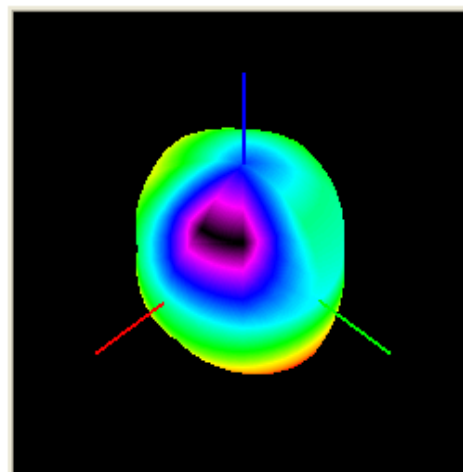
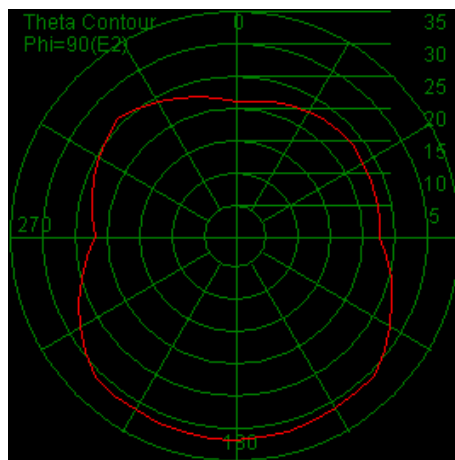


Version	Date	Overview of debugging
	2025-04-28	Antenna passive report

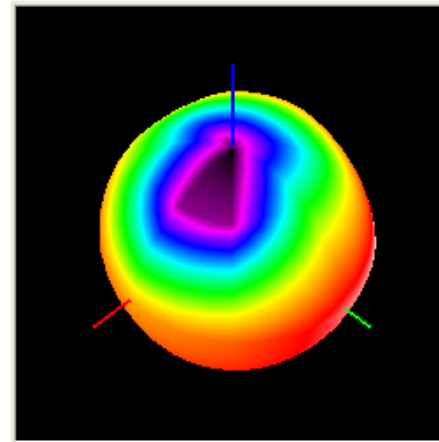
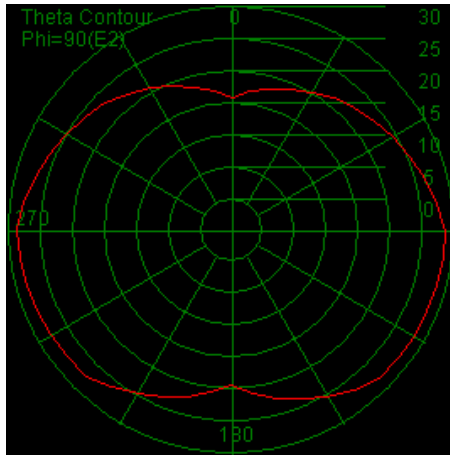
GSM900



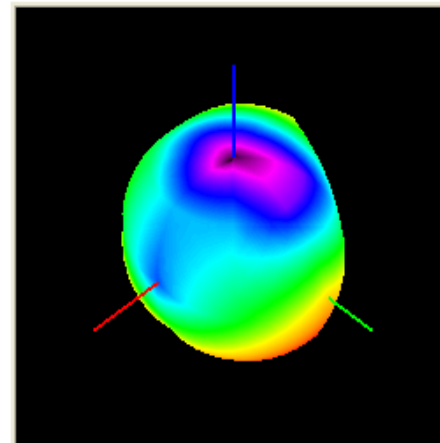
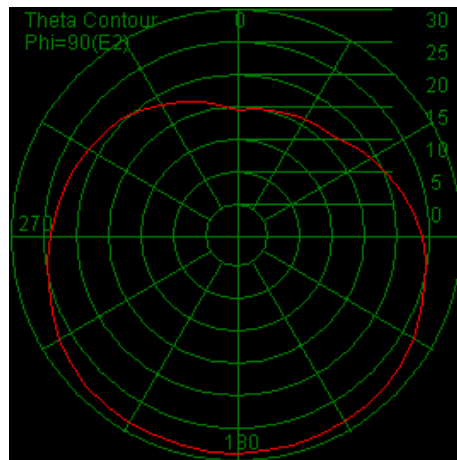
DCS1800



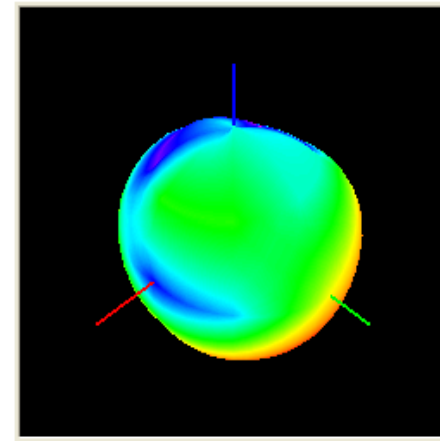
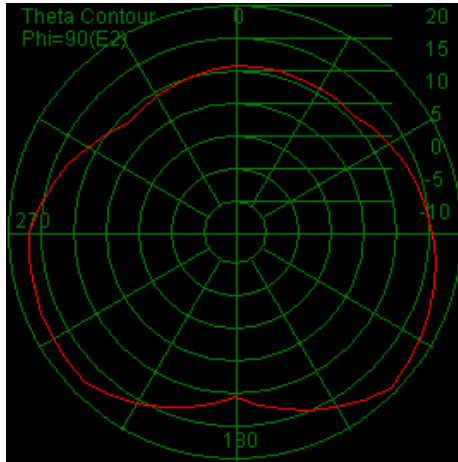
GSM850



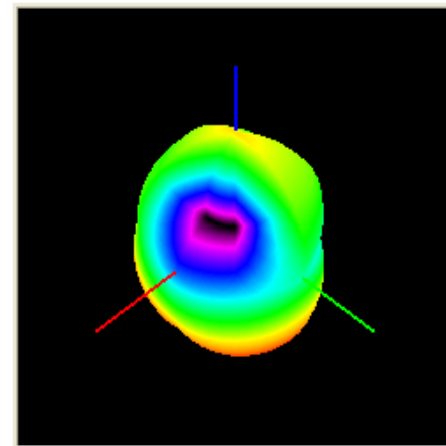
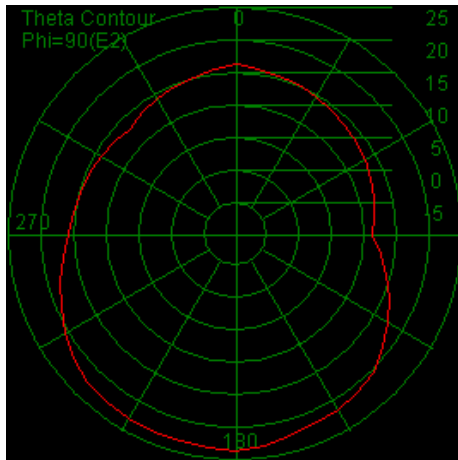
PCS1900



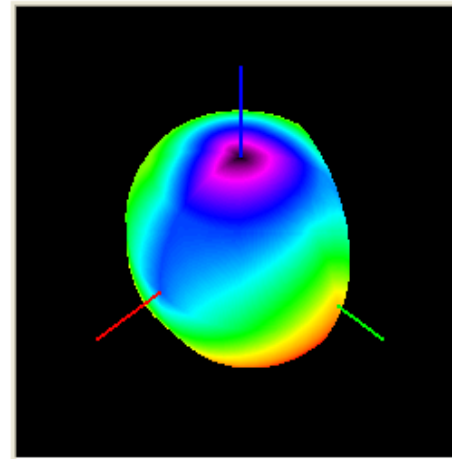
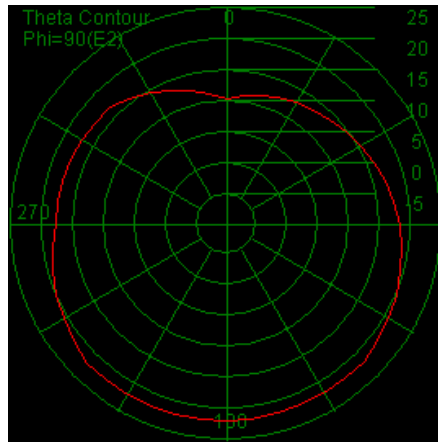
WCDMA B5



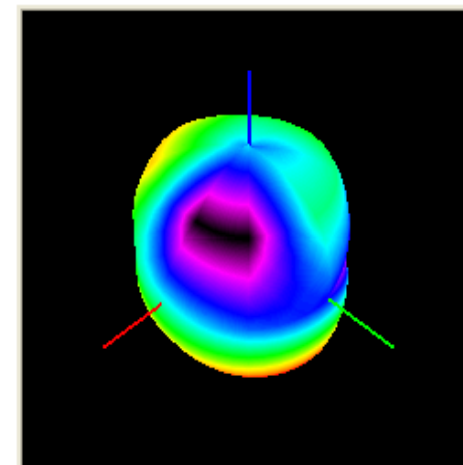
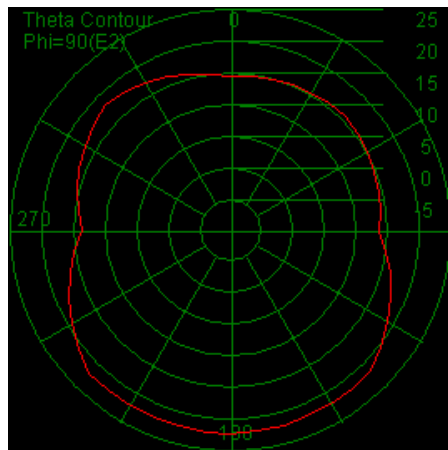
WCDMA B2



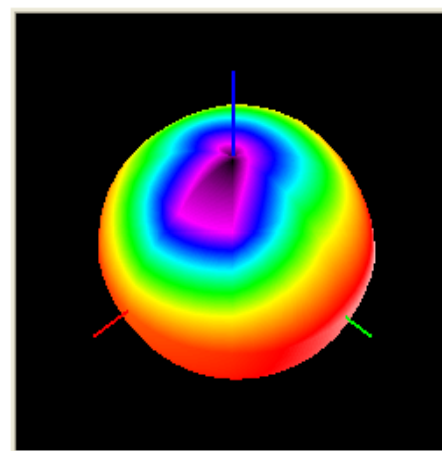
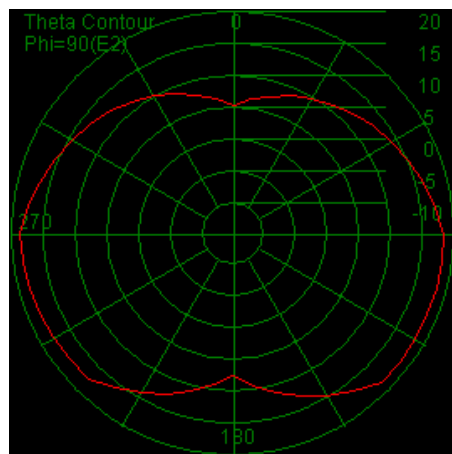
LTE- B2



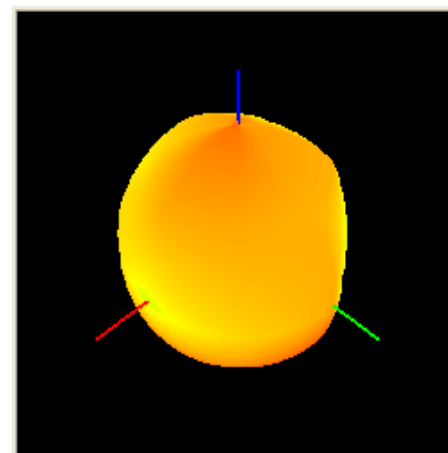
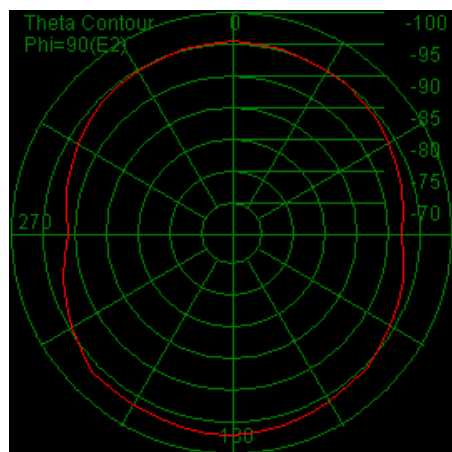
LTE- B4



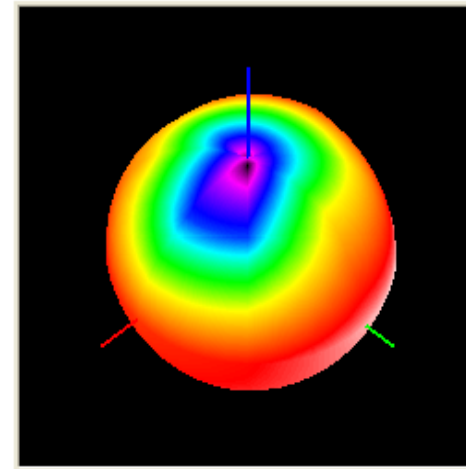
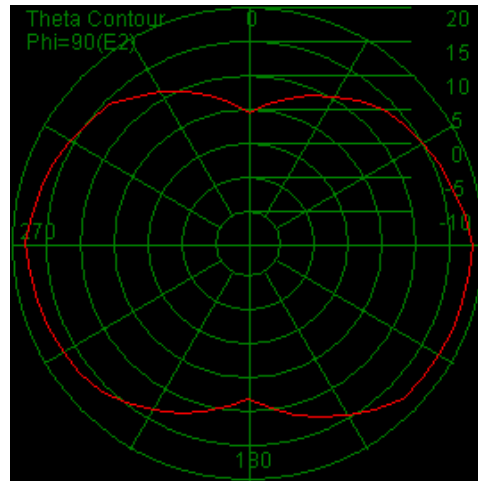
LTE- B5



LTE- B7



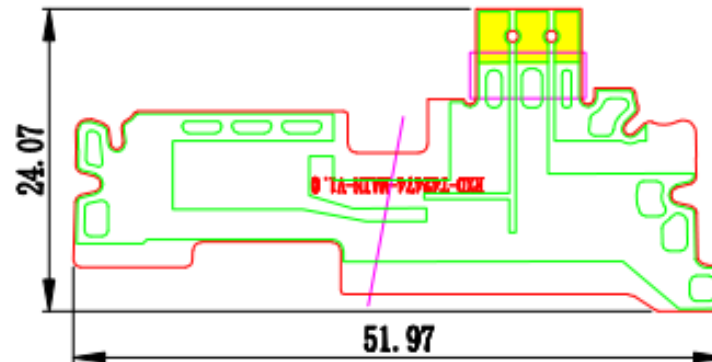
LTE- B28



Band	Max Gain	Band	Max Gain
GSM900	0.15	BAND 2	0.25
DCS1800	0.34	BAND 4	0.27
GSM850	0.22	BAND 5	0.22
PCS1900	0.25	BAND 7	0.35
WCDMA850	0.22	BAND 28	-2.37
WCDMA1900	0.25	BT	-5.59

Main Antenna size

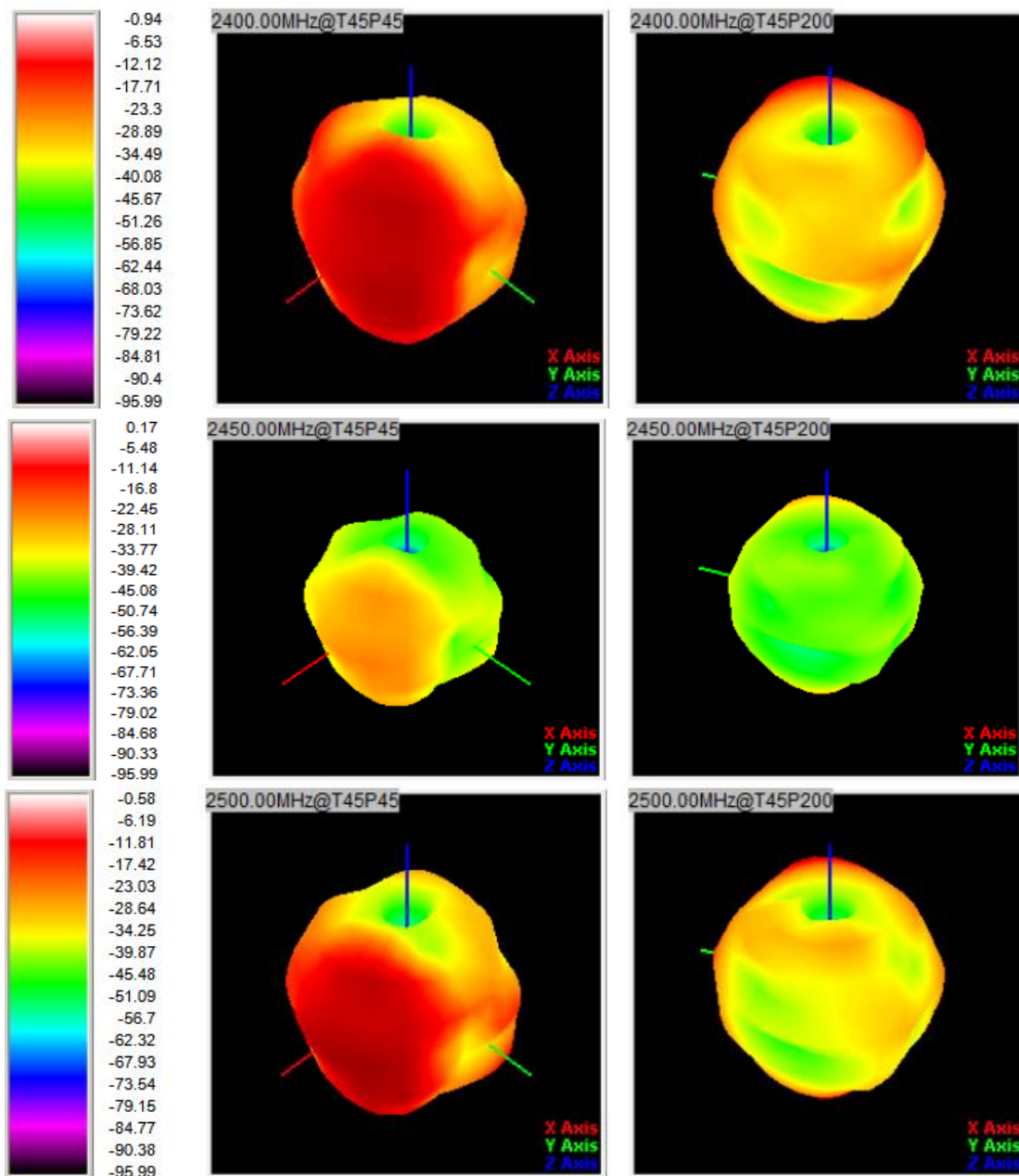
Edition	Modify content	Modified by	Modification Date



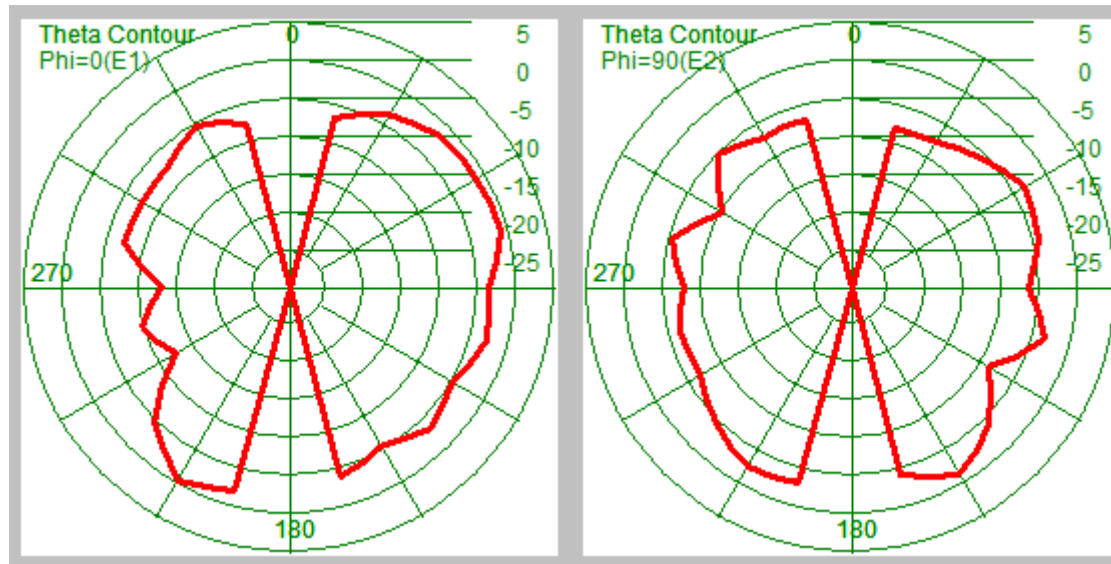
NOTES:

1. The filling part of diagonal line is copper clad for electrical wiring;
2. Red is the outline, pay attention to the edge size
3. The material property is electrolytic copper, and the thickness of half to half material is 0.05mm; (Stick to the back of the rear shell to ensure adhesion)
4. Adhesive tape: 3M-9471E imported adhesive;
5. Gold finger surface gold/nickel plating 3~5u ";
6. The protective film is matte black/white;
7. The overall thickness shall be less than or equal to 0.2mm
8. Only the product drawing is allowed to conduct electricity;

Shenzhen Qixin Tongda Technology Co., Ltd			
	NAME: T42474-RPC	Design:	
GENERAL TOLERANCE:		To Examine:	
I ±0.5		Confirm:	
.I ±0.25		Color: matte black	
.II ±0.05		surface treatment:	proportion: 1:1
.III ±			Edition: A
ANGULAR < ± 0.5°			



Passive - Freq2450.00MHZ



BT Antenna size

