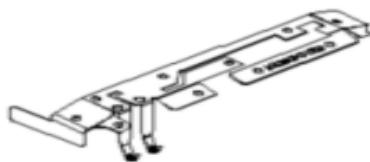




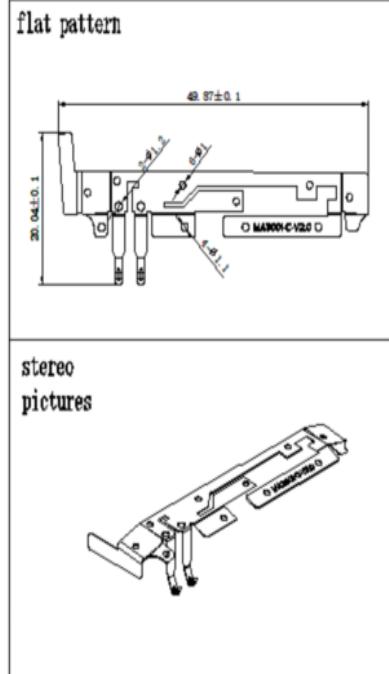
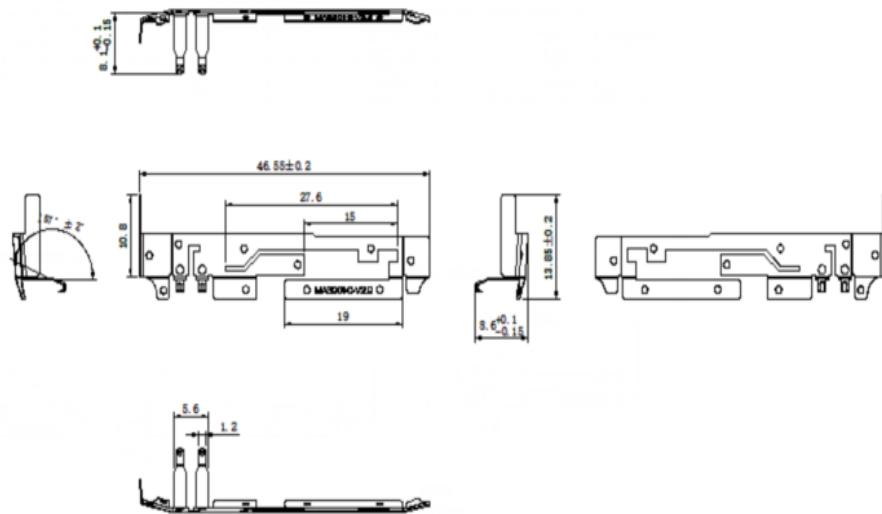
## Feature

- ※ High gain
- ※ Omni-directional
- ※ Wide bandwidth



## Application

- ※ GSM850/900/DCS1800 communication applications



### Technical requirements:

- 1、"O" The dimension of the logo is the key control dimension of QC, the dimension of not marked dimension refers to 3d model, and the daojiaochi is  $\pm 0.2$ mm;
2. the product surface can not have oil pollution, black spots, dirt-stained, etc.;
3. the maximum burr height cannot be higher than 0.05 mm, and the direction of burr is shown on the drawings;
4. the unfolded direction cannot be perpendicular to the direction of the material texture unless the confirmation of our engineer is obtained;
5. in the drawings, the dimensions may be xiugaichu when the mold design, please consider making a replaceable insert, in order to Mould Repair;
6. the product must be able to pass 48 hours salt spray test ( solubility: 5 % NaCl; Temperature:  $35^{\circ}\text{C} \pm 2^{\circ}\text{C}$  ), the inspection to the limit standard refers sample signed by our engineer;
7. provide support for shipei.

Note: please refer to the 3d drawing

GENERAL TOLERANCE TABLE				Shenzhen qinxin technology co., ltd.		
LINEAR(MM)		ANGULAR		THE MATERIAL CODE	DATA	2025/07/30
DIVISION	TOLERANCE	DIVISION	TOLERANCE	PRODUCT NAME	DESIGN	
0~10	$\pm 0.05$	0~30度	$\pm 1^{\circ}$	QINXIN Antenna		
10~24	$\pm 0.07$	30~90度	$\pm 2^{\circ}$	PRODUCT NO	111111-001	VERIFY
24~50	$\pm 0.10$			MATERIAL	PCB 304 1/2K T: 0.15	APPROVE
50~80	$\pm 0.13$			SCALE	1:1 mm	SIZE A4 SHEET 1 of 1
OVER 80	$\pm 0.20$					



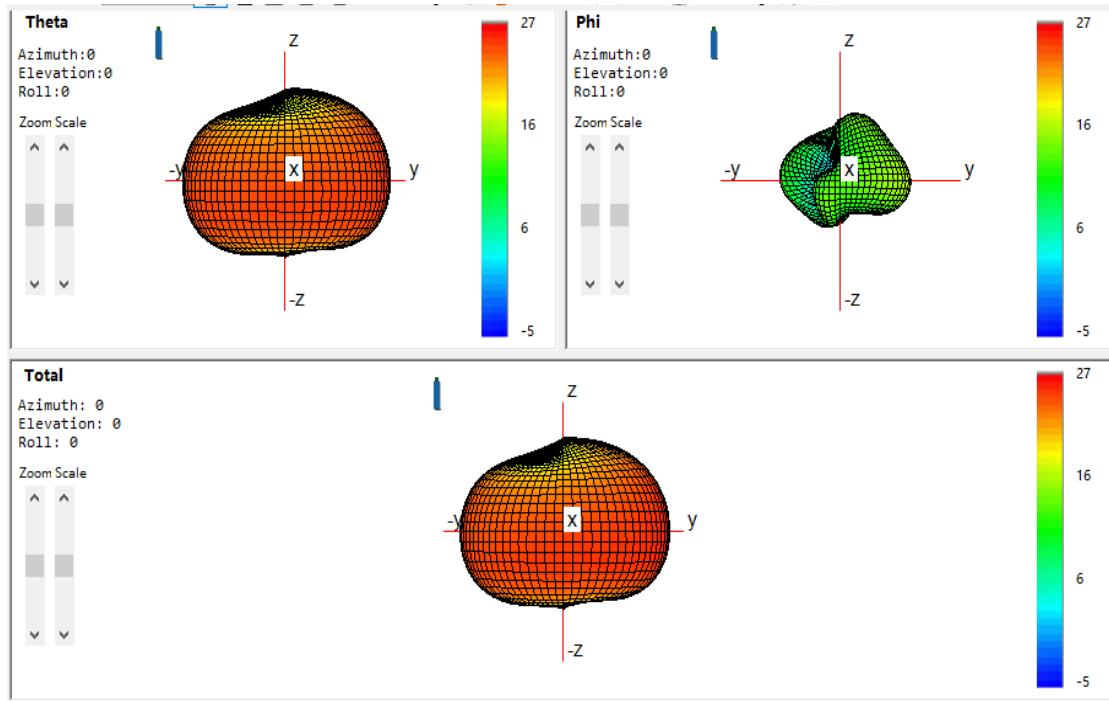
## Dimensions

CUSTOMER' S P/N			DRAWING NO	IT5619 拉美
PREPARED BY	CHECKED BY	APPROVAL BY	S.R.NO	
			DATE:	2025.07.30

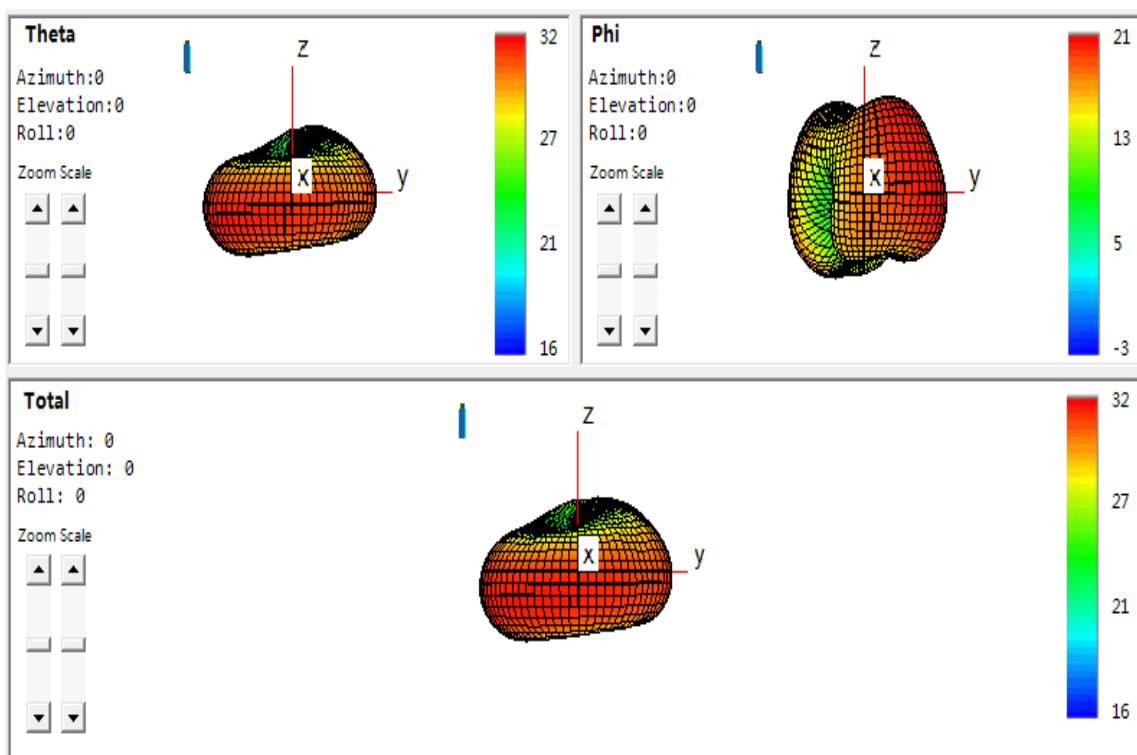
## Electric Specifications

TYPE	IT5619 拉美
Transmitter Frequency	GSM 850: 829 – 844 MHz
	GSM 900: 880 – 915 MHz
	DCS 1800: 1710 – 1785 MHz
	PCS 1900: 1850 – 1980MHz
	BT: 2400-2500
Receiver Frequency	GSM 850: 874 – 889 MHz
	GSM 900: 925 – 960 MHz
	DCS 1800: 1805 – 1880 MHz
	PCS 1900: 1930 – 1990MHz
	BT: 2400-2500
RF-Output Power (E.I.R.P)	GSM850: 33+/-2dBm
	GSM900: 33+/-2dBm
	DCS1800:30+/-2dBm
	PCS1800:30+/-2dBm
Antenna Gain	
	GSM850 : -0.42dBi
	GSM900: -0.76dBi
	DCS1800: 0.20dBi.
	PCS1900: 0.60dBi
Type of Modulation	BT: 0.64dBi
	GMSK

GSM850

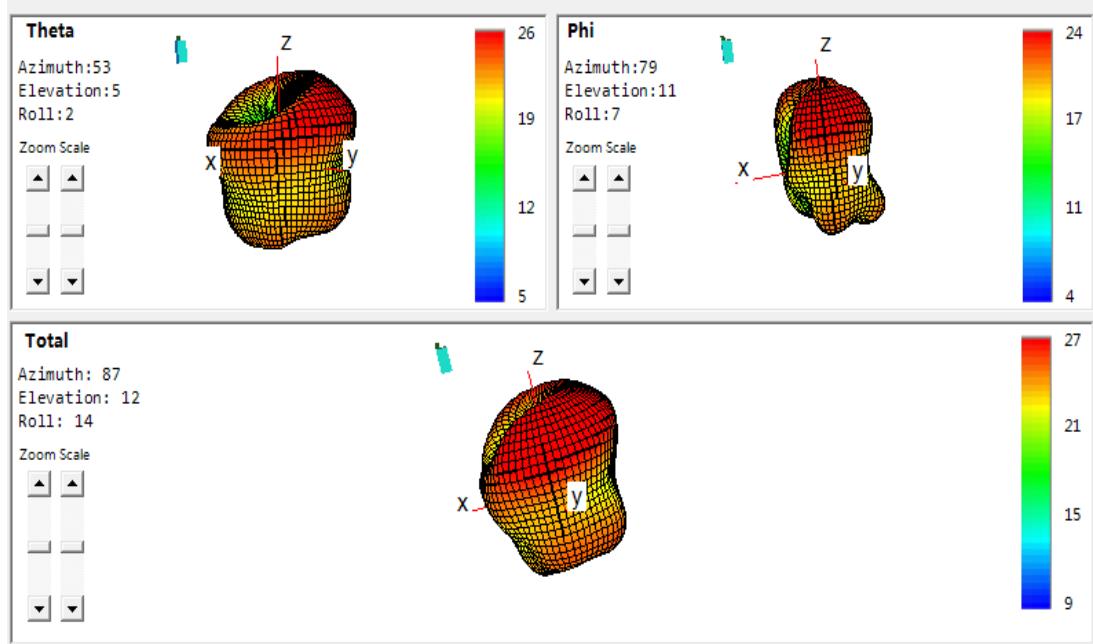


GSM900

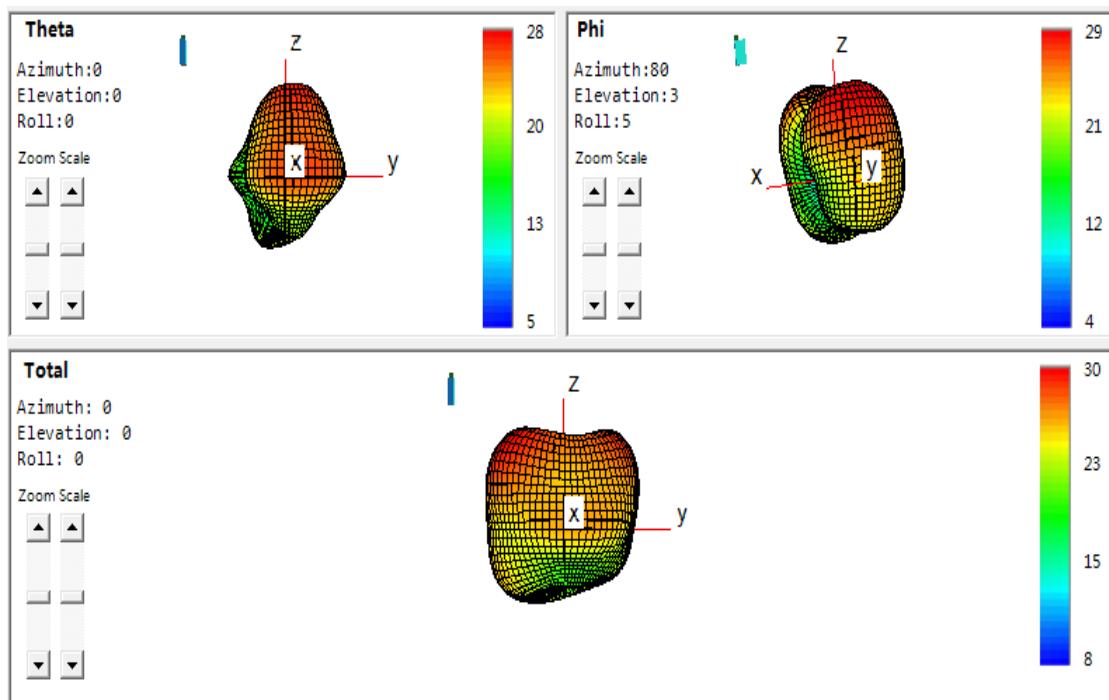




DCS1800

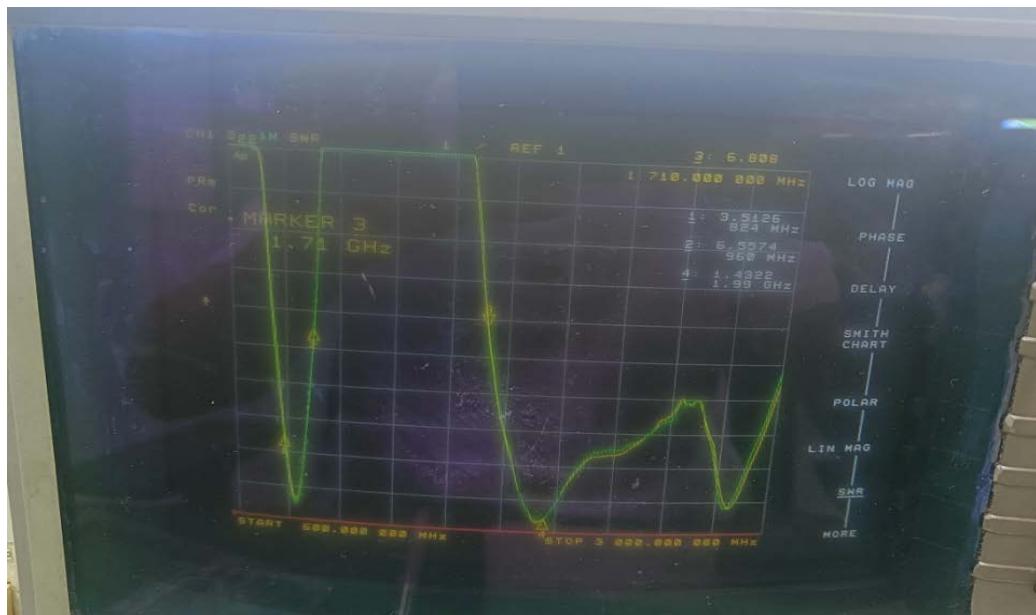


PCS





※ VSWR



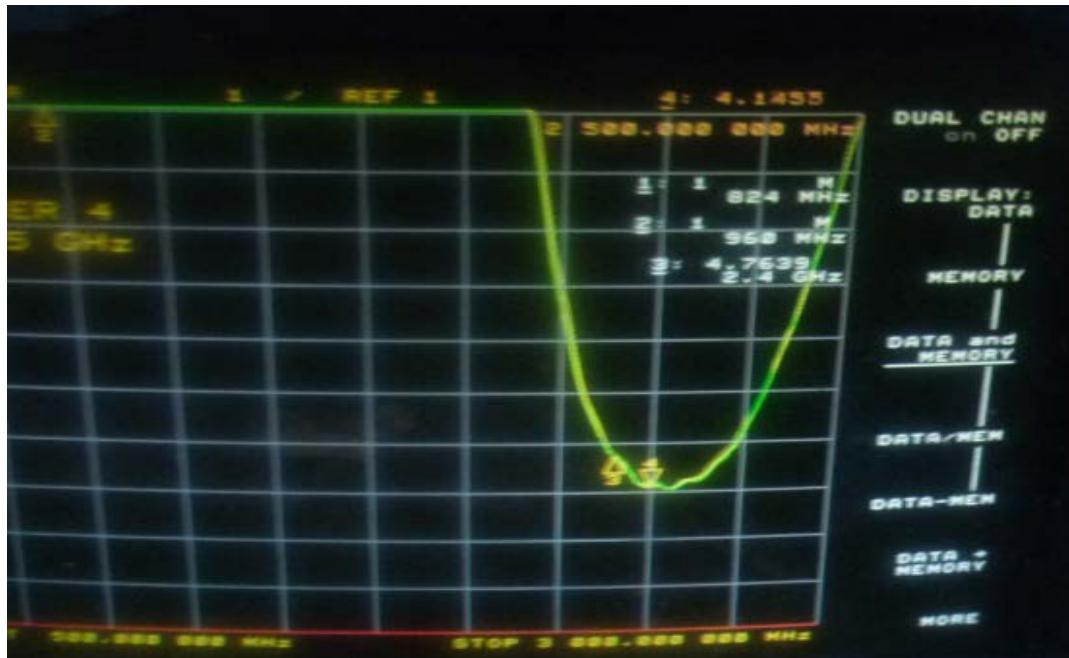
SMITH



BT: VSWR



深圳市勤新科技有限公司  
SHEN ZHEN SHI QIN XIN TECHNOLOGY CO., LTD



CUSTOMER' S P/N			DRAWING NO	IT5619 拉美
PREPARED BY	CHECKED BY	APPROVAL BY	S.R.NO	
			DATE:	2025.07.30