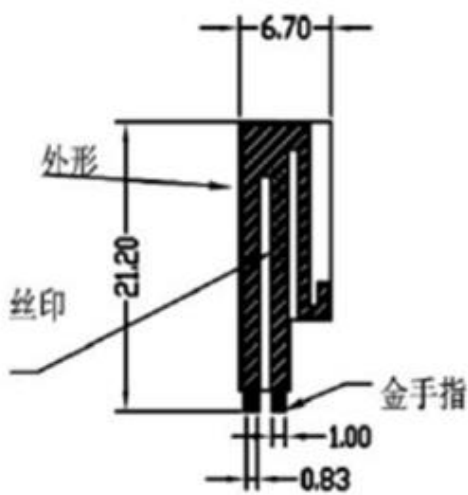


1. Antenna Description:

Antenna type	PIFA antenna
Model	HLX-5776-V2
Frequency range	2400-2500MHz
Manufacturer	Shenzhen Jingrui Weiye Technology Co., Ltd.
ANT Peak Gain	0.91 dBi

2. Antenna Photo:

Silk screen white, antenna black



The right side



Reverse side

3. Test Equipment & Conditions

3.1 Test instrument

VSWR is tested using Agilent E5071B connected to a hand mechanism, and the status is free space.

3.2 Test environment and methods

Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

LTE-TDD/FDD-SCDMA test equipment: StarPoint SP8011/CMW500

WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

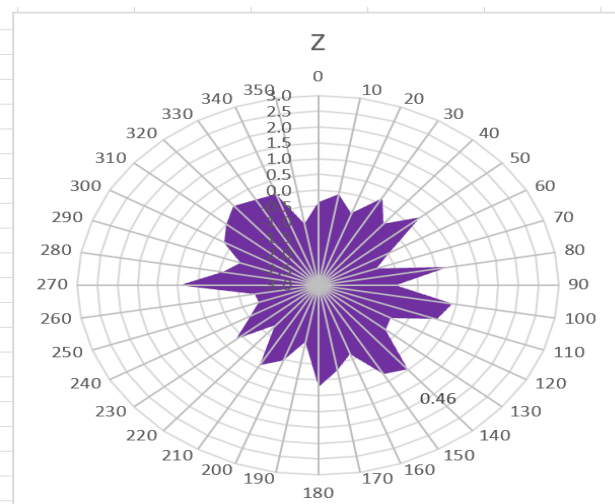
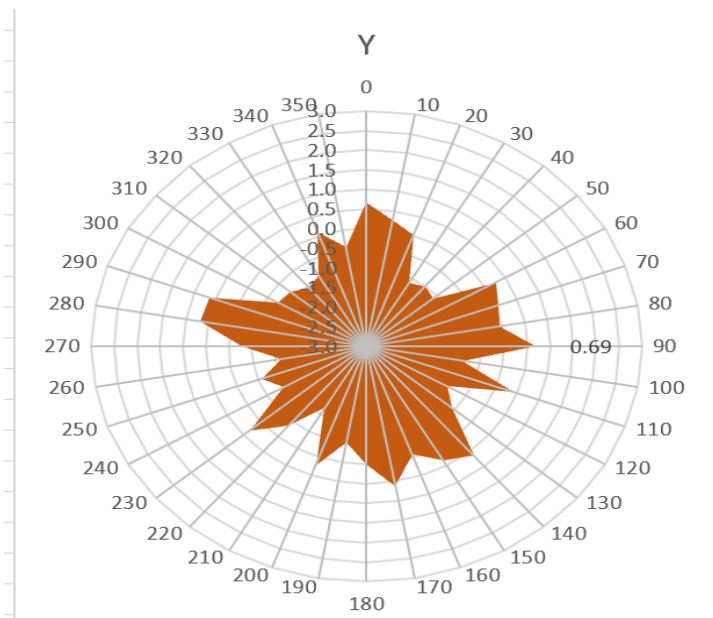
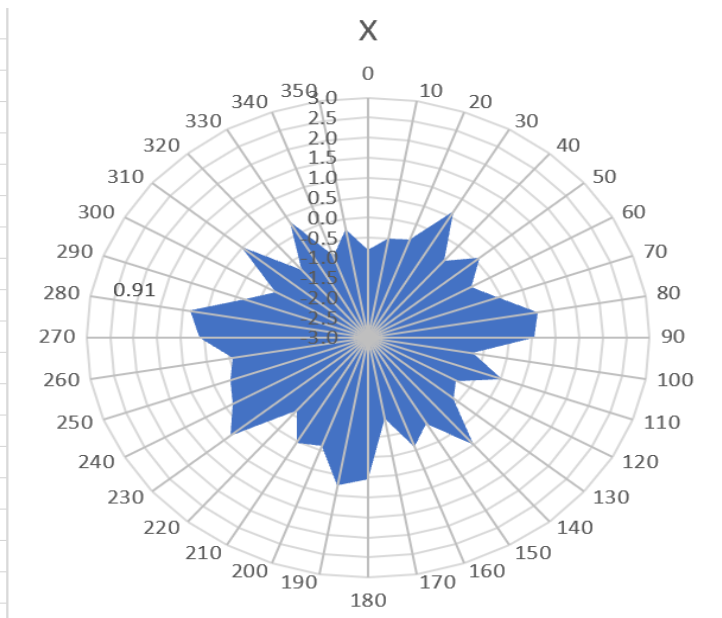
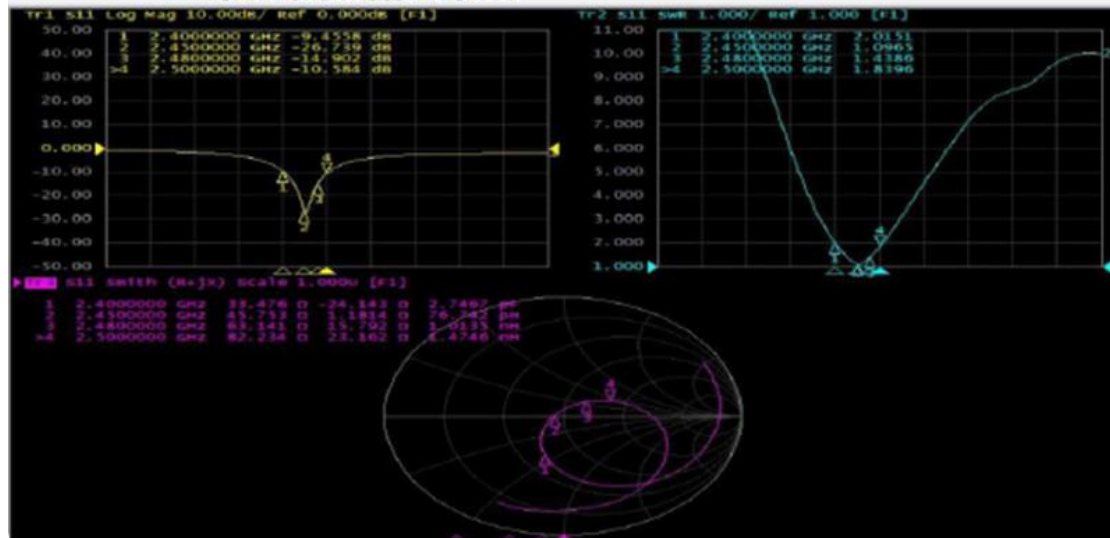


4 . Antenna Radiation Pattern



Test Result

S11 Parameter-VSWR



Gain & Efficiency—ANT

Frequency (MHz)	Efficiency (%)	Max GAIN (dBi)
2400	29.81	0.76
2410	29.89	0.91
2420	28.84	0.78
2430	27.97	0.21
2440	26.99	0.12
2450	28.51	0.21
2460	28.51	0.61
2470	27.23	0.64
2480	27.77	0.71
2490	27.24	0.53
2500	26.21	0.54