

Antenna Specification

1 PRODUCT INFORMATION

1.1 Manufacturer Information

Manufacturer	Shenzhen Changtai Fuyuan Electronics Co., LTD
Address	3rd Floor, Building G, No. 2070 , Jincheng Road, Haoxiang Community, Shajing Street, Baoan District, Shenzhen

1.2 General Description for Equipment under Test (EUT)

Model Name Under Test	2.4G BT-ANT
Antenna Type	Wire Antenna
Dimensions	28mm±1* 1mm±0.05
MAX. Gain	-2.70dBi
Antenna Type	Wire

1.3 Technical Information

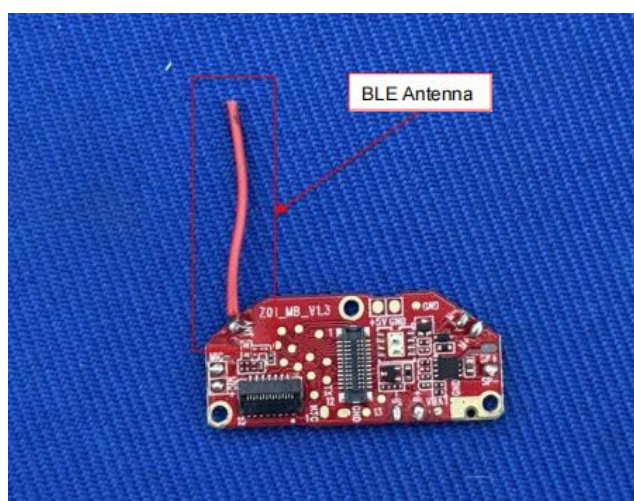
Frequencies	2400~2500MHz
Test Frequencies	2400MHz, 2410 MHz, 2420 MHz, 2430MHz, 2440 MHz, 2450MHz 2460MHz, 2470 MHz, 2480MHz, 2490MHz, 2500MHz

1.4 Antenna sha

Tested by:Luo Youning

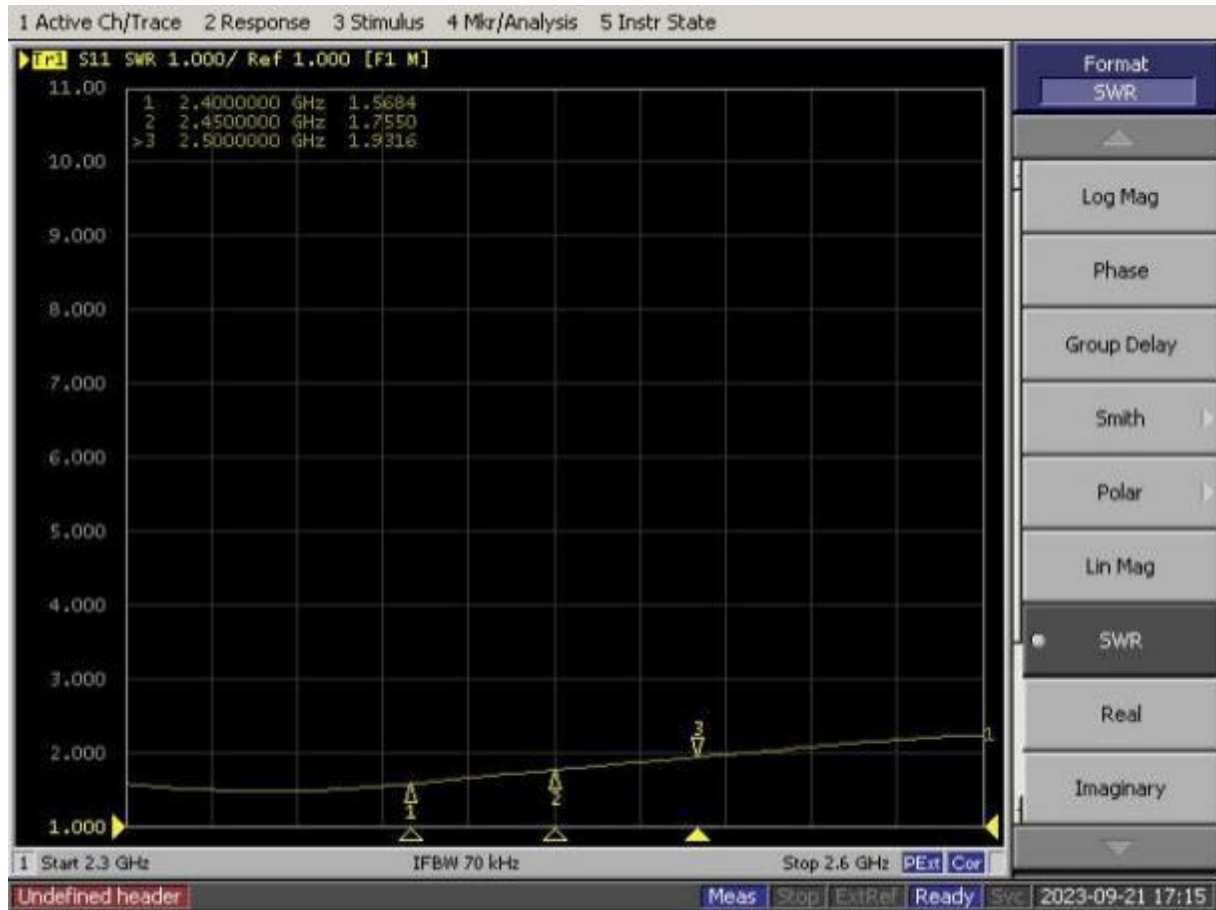
Checked by: Li Chenjia

Approved by: Sally Yu



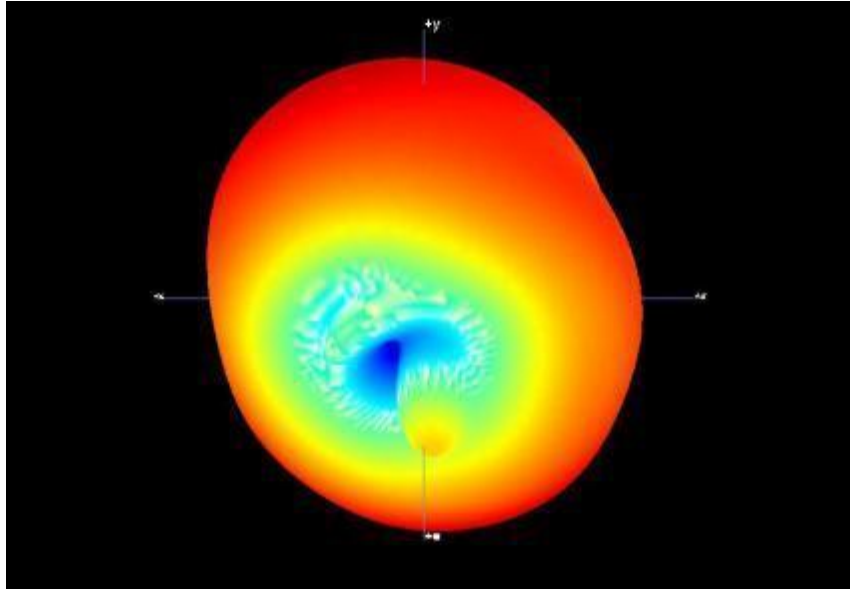
VSWR

Frequency	VSWR
2400MHz	1.57
2450MHz	1.76
2500MHz	1.93

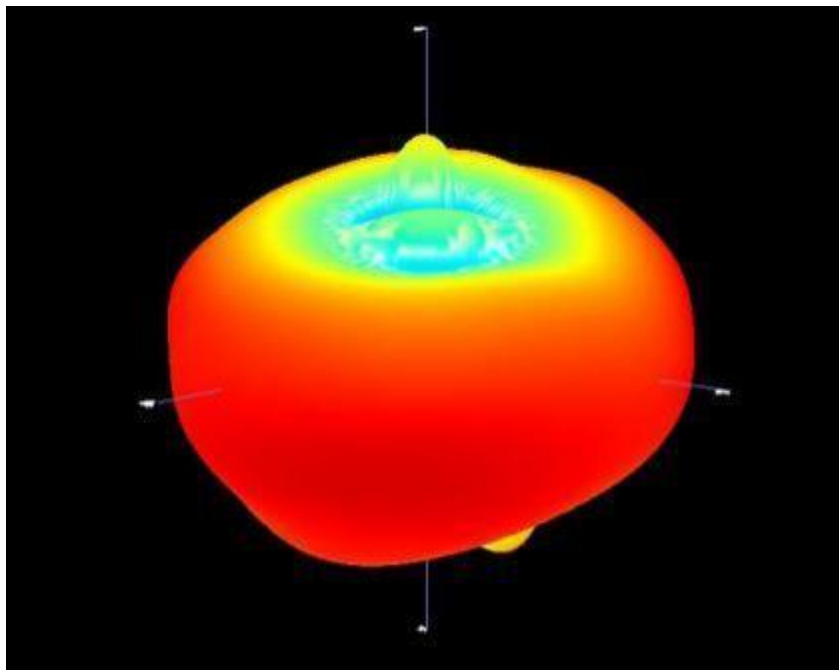


3D Pattern

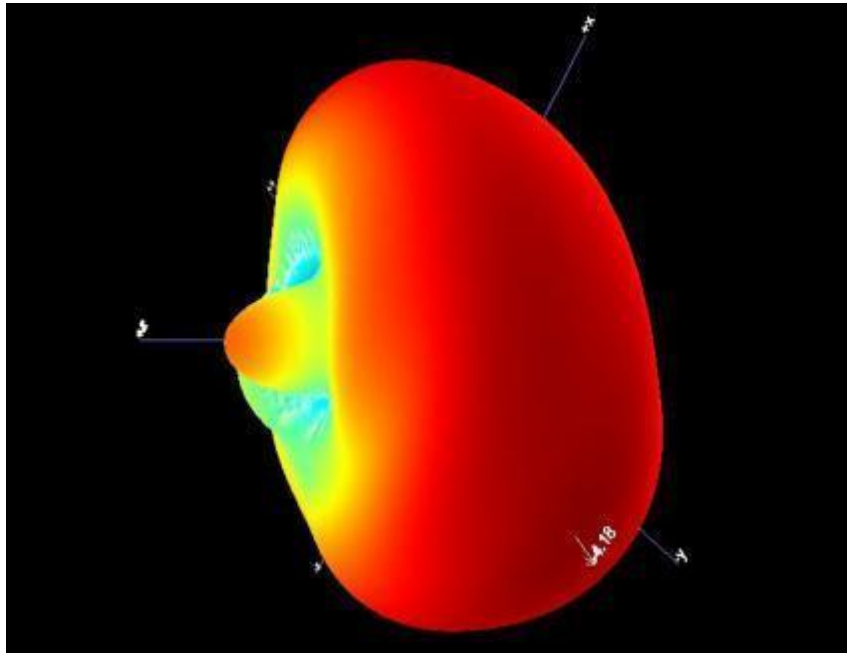
B1 .1 3 D Pattern for 2400MHz



B1 .2 3 D Pattern for 2450MHz

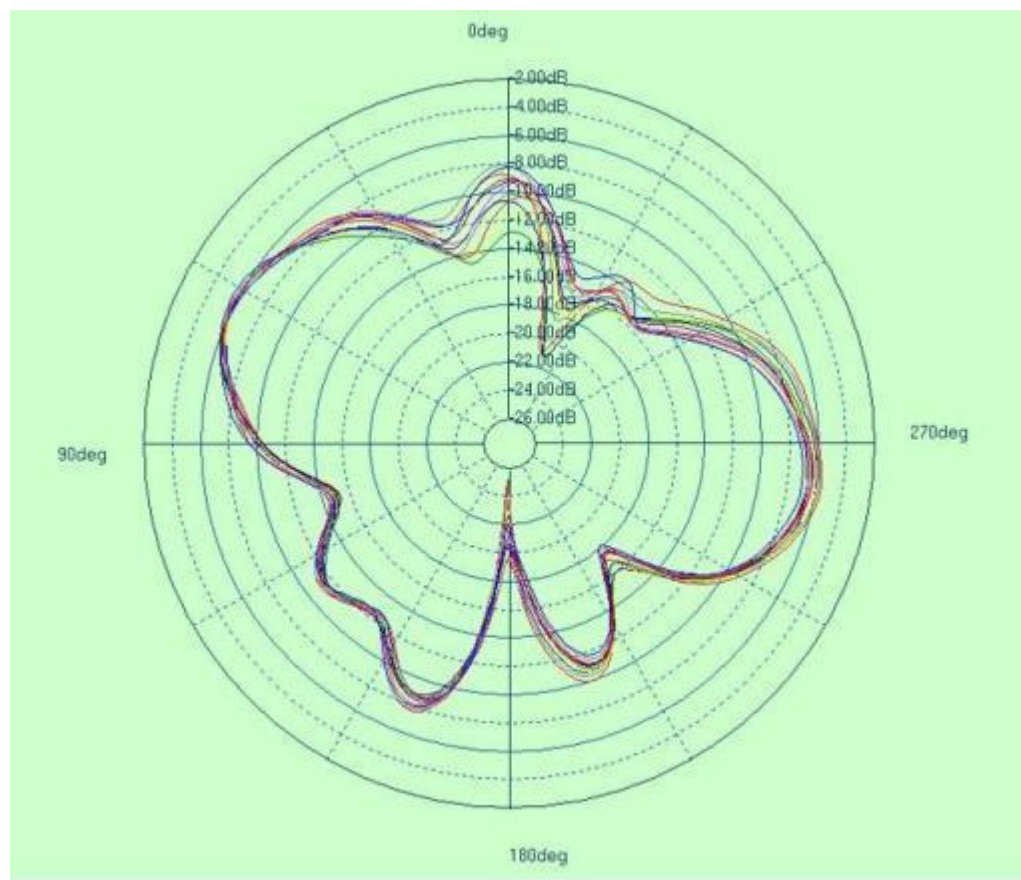


B1 .3 3 D Pattern for 2500MHz

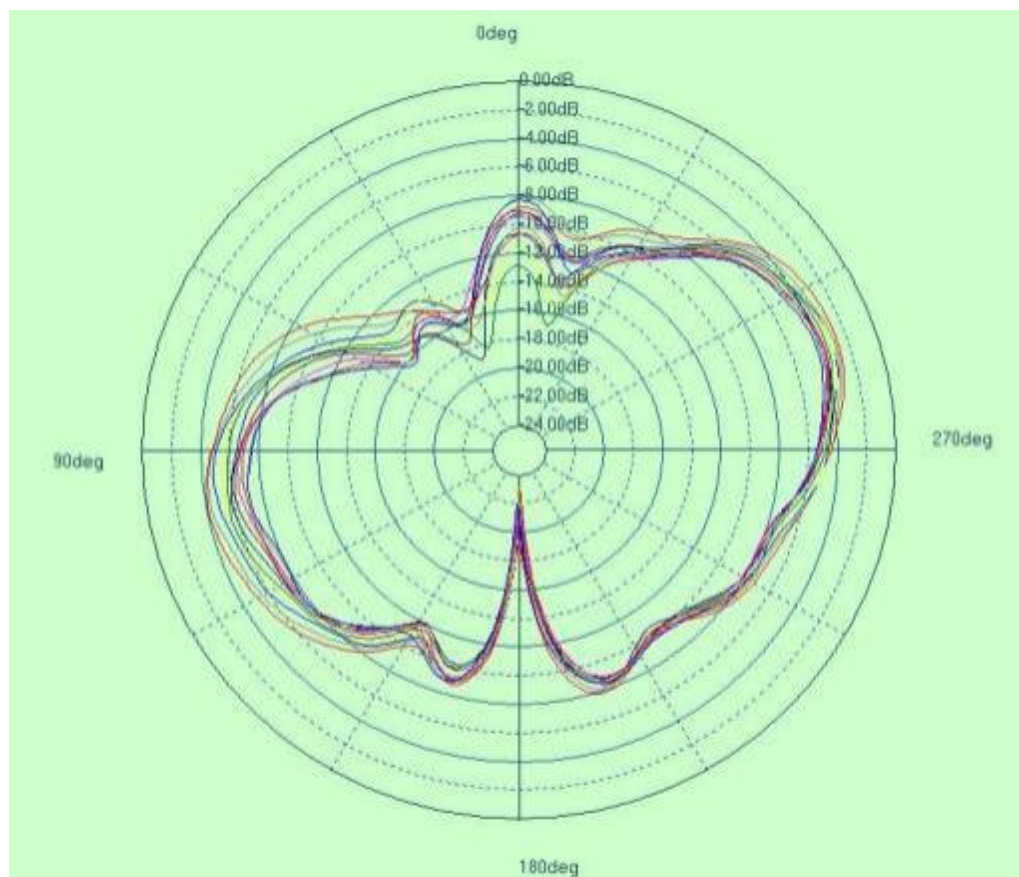


1D Radiation Pattern

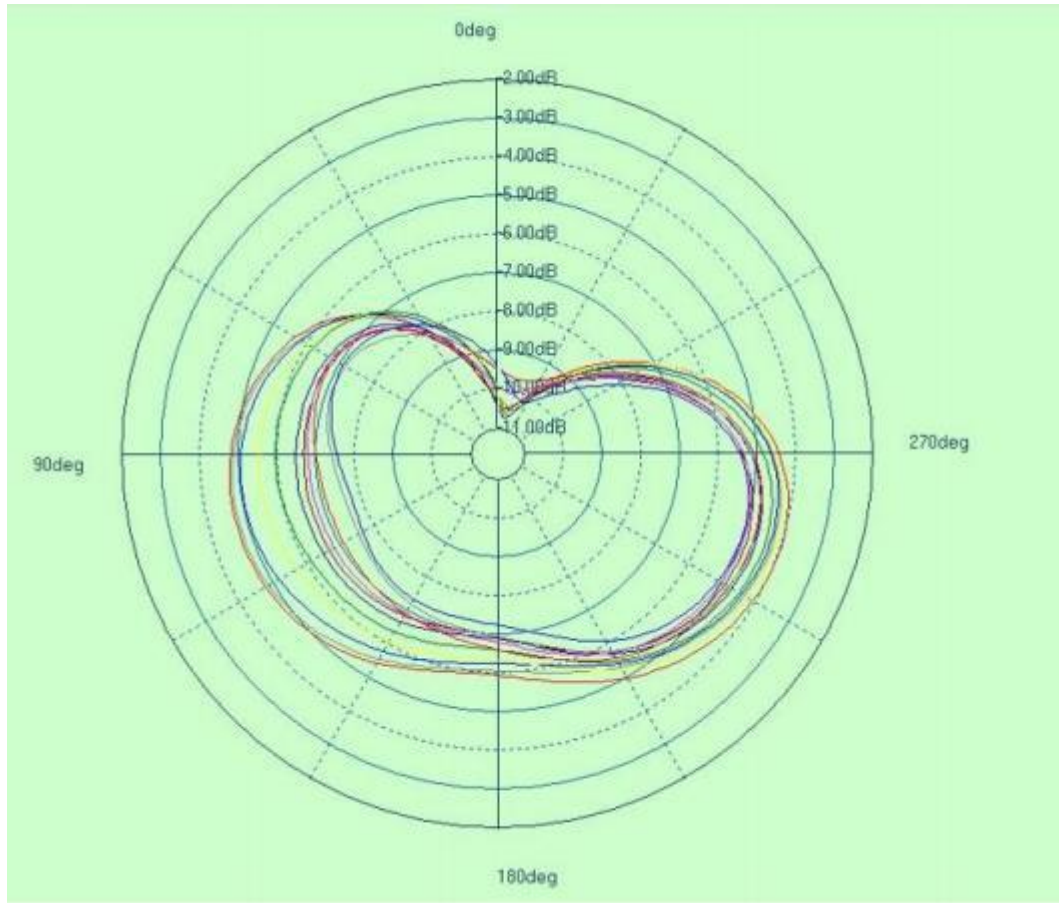
PHI=0



PHI=90



THETA=90



Frequency(MHz)	Gain (dBi)	Efficiency (%)
2400	-2.70	18
2410	-2.92	17
2420	-3.07	17
2430	-3.09	16
2440	-3.48	15
2450	-3.73	15
2460	-3.77	14
2470	-3.81	14
2480	-3.69	14
2490	-3.93	14
2500	-4.18	14

Antenna size diagram

