

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	Metal-Housing Antenna
Dimensions	28mm±1*1mm±0.05
MAX. Gain	-2.70dBi
Antenna Type	Metal-Housing

1.3 Technical Information

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

1.4 Antenna shape



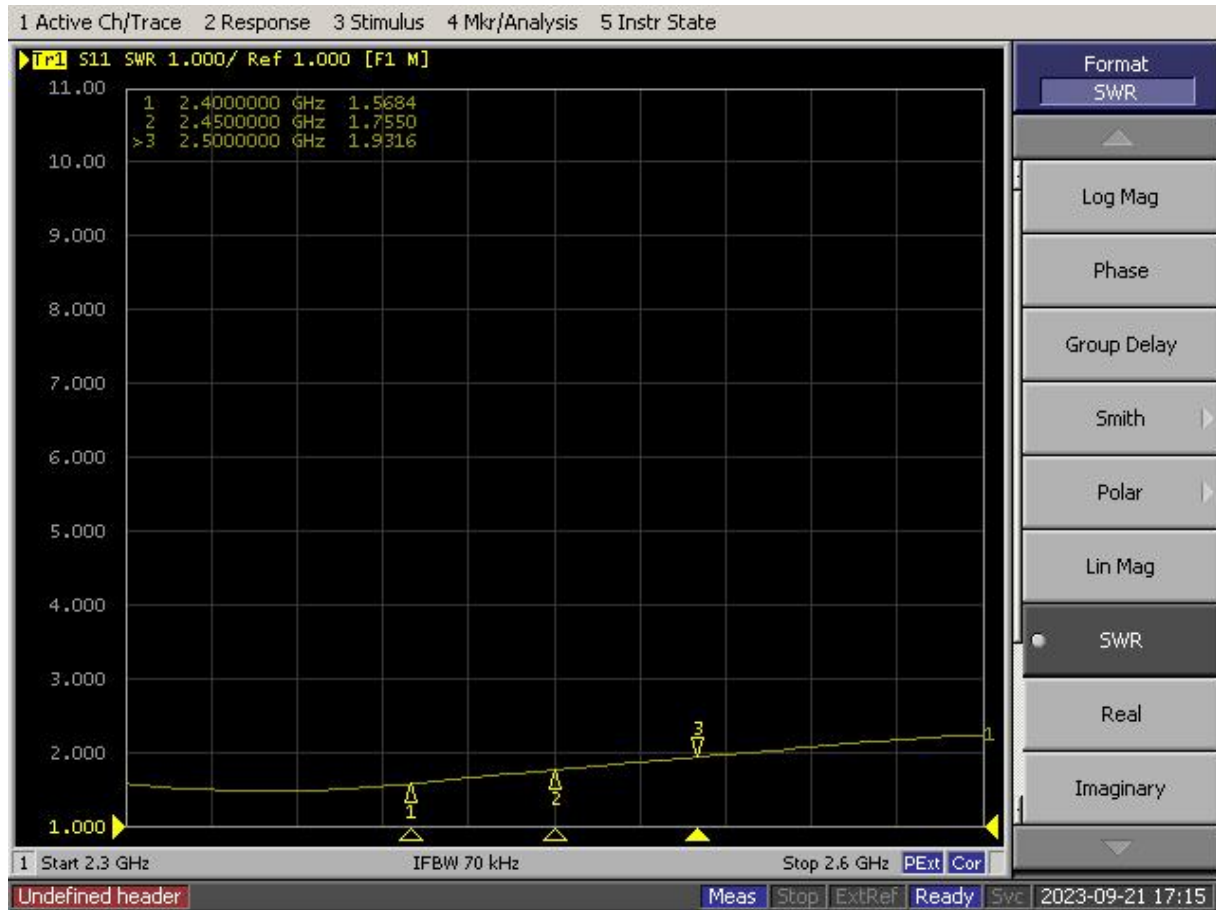
Tested by:Luo Youning

Checked by: Li Chenjia

Approved by: Sally Yu

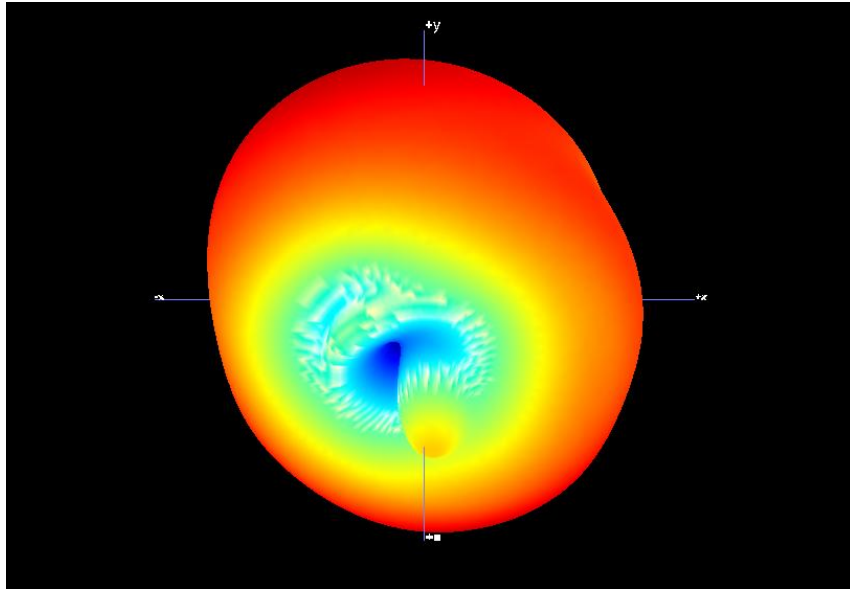
VSWR

Frequency	VSWR
2400MHz	1.57
2450MHz	1.76
2500MHz	1.93

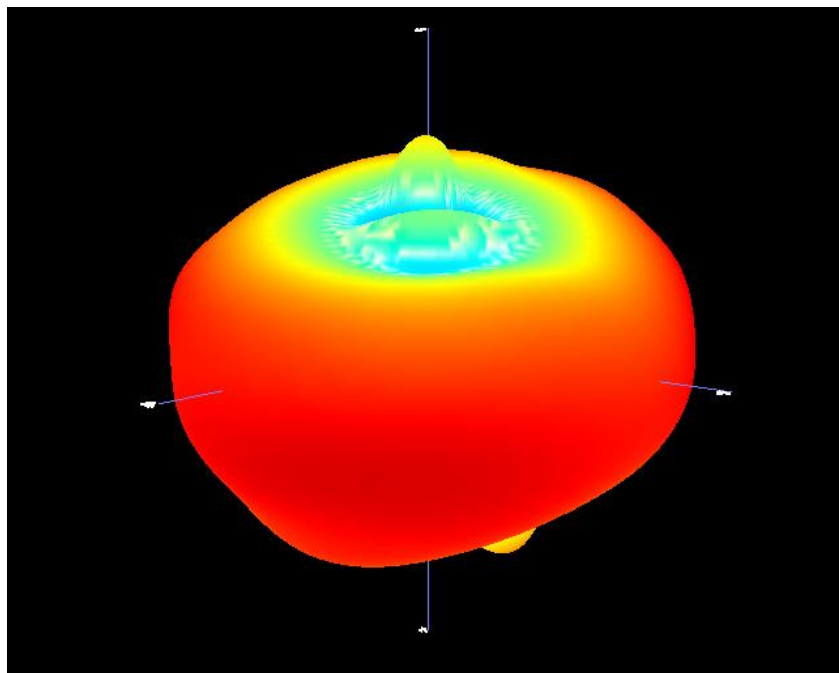


3D Pattern

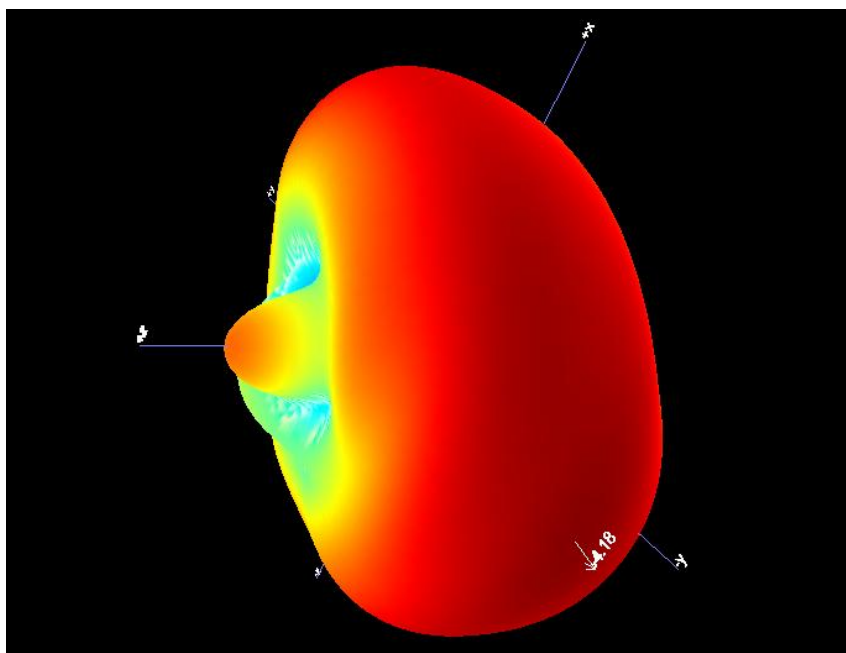
B1.1 3D Pattern for 2400MHz



B1.2 3D Pattern for 2450MHz

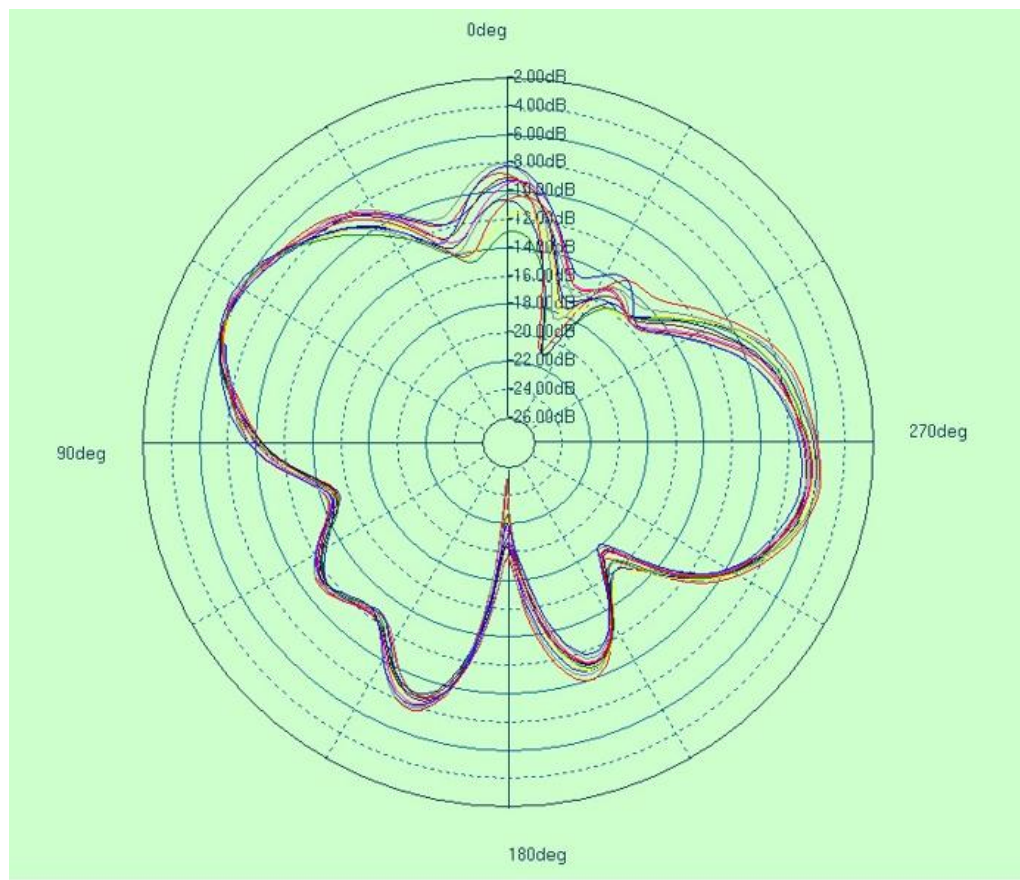


B1.3 3D Pattern for 2500MHz

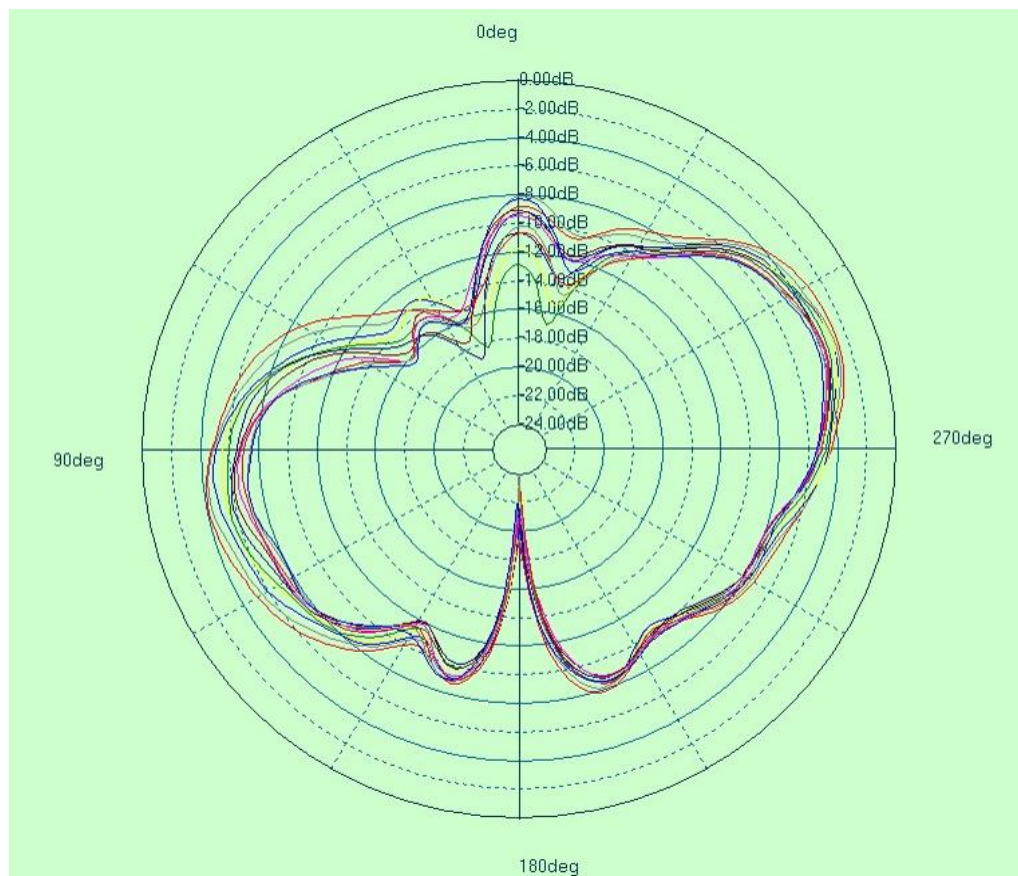


1D Radiation Pattern

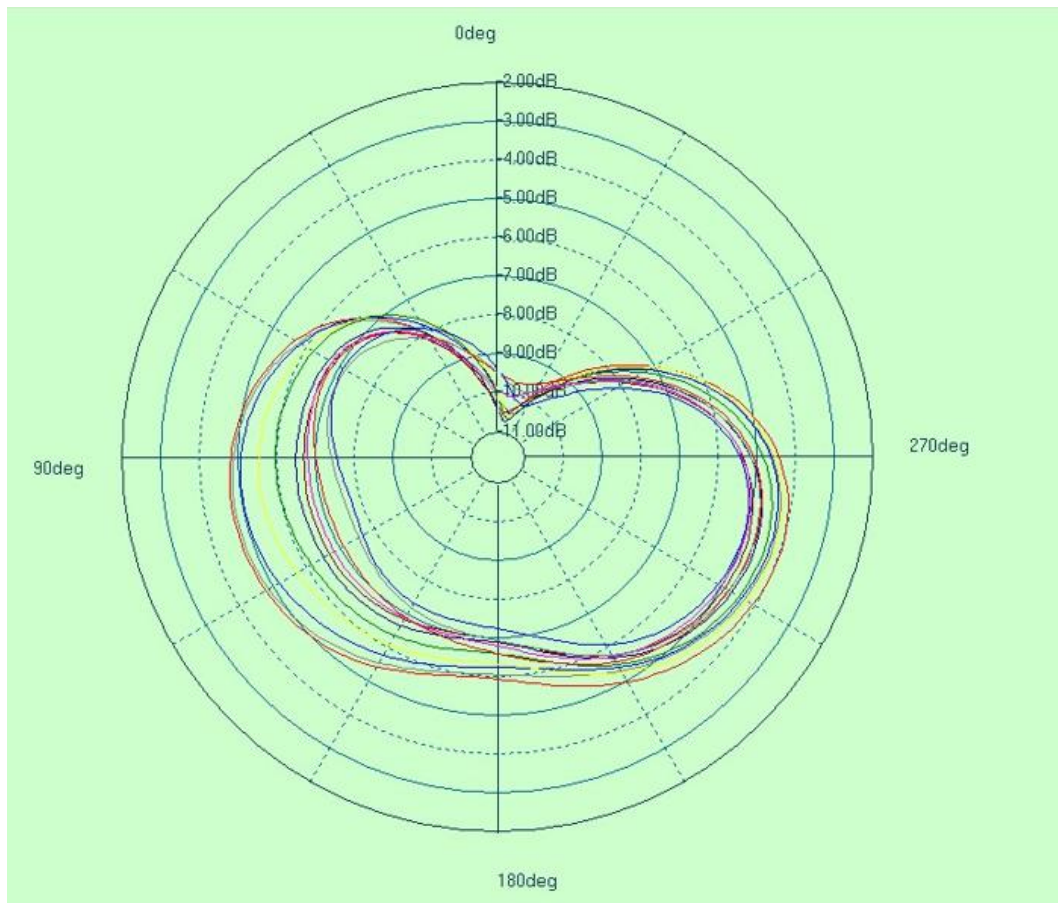
PHI=0



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

