

Antenna Specification

1 PRODUCT INFORMATION

1.1 Manufacturer Information

Manufacturer	SHEN ZHEN KALIH0 TECHNOLOGY CO.,LTD
Address	Rm 07-08, 23Fl, Chuangjian Bdg, No 6023, Shennan Rd, FuTian District, Shenzhen, China.

1.2 General Description for Equipment under Test (EUT)

Model Name Under Test	2.4G BT-ANT
Antenna Type	External Antenna
Dimensions	D48mm
MAX. Gain	-2.70dBi
Antenna Type	Wire Antenna

1.3 Technical Information

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

1.4 Antenna shape



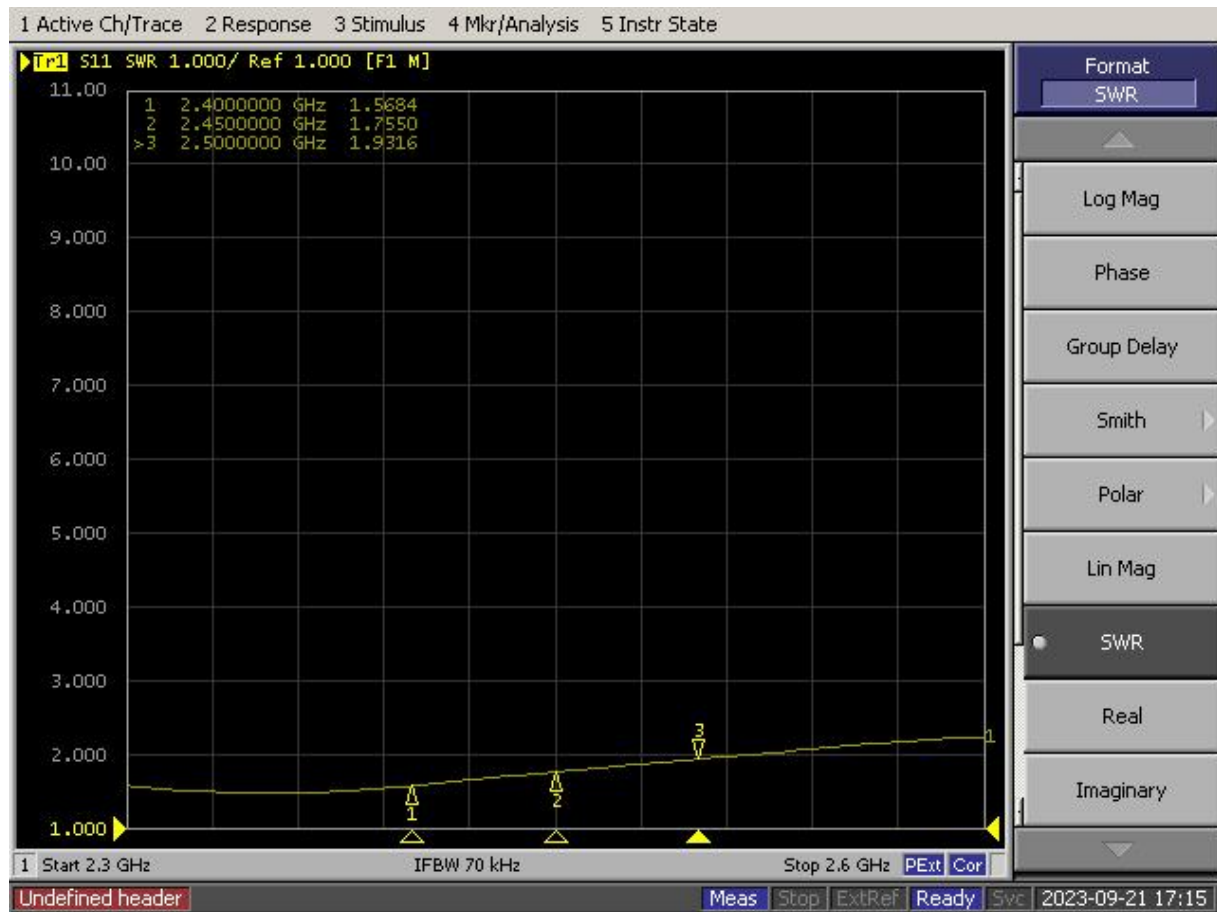
Tested by:Yanghui

Checked by: Li jia

Approved by: liuaichun

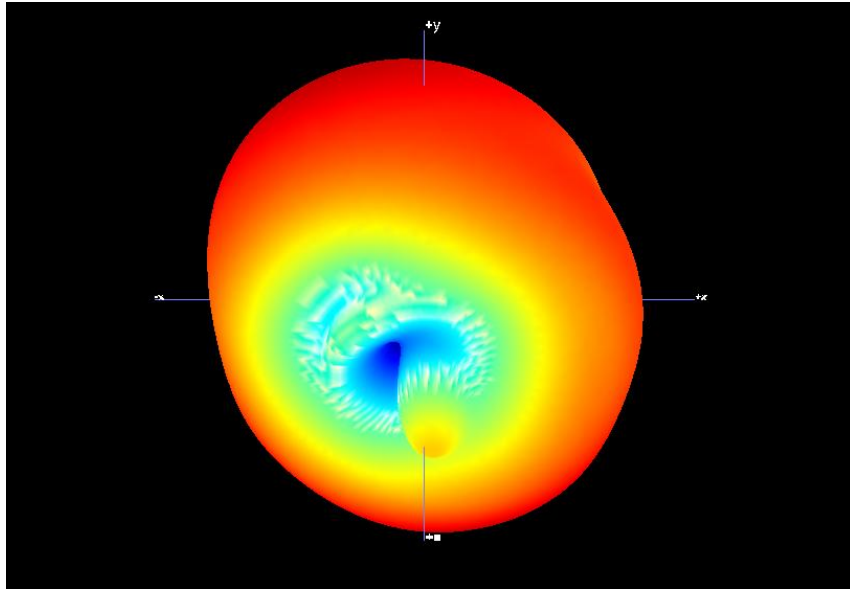
VSWR

Frequency	VSWR
2400MHz	1.57
2450MHz	1.76
2500MHz	1.93

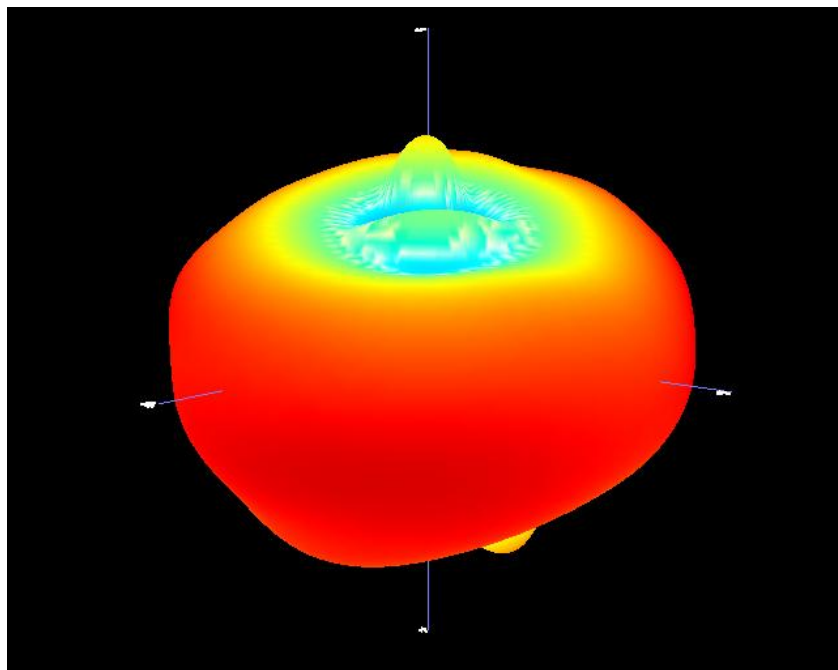


3D Pattern

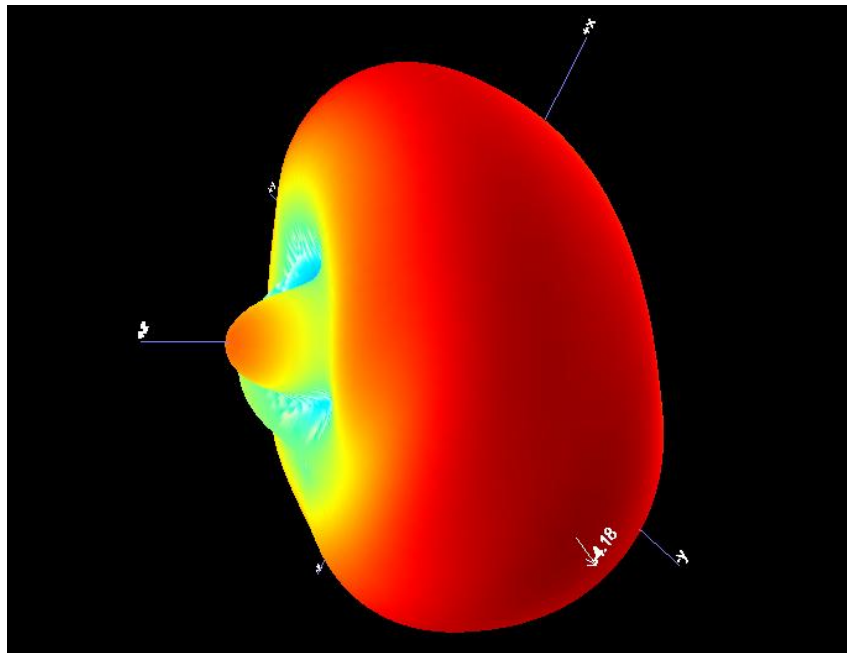
B1.1 3D Pattern for 2400MHz



B1.2 3D Pattern for 2450MHz

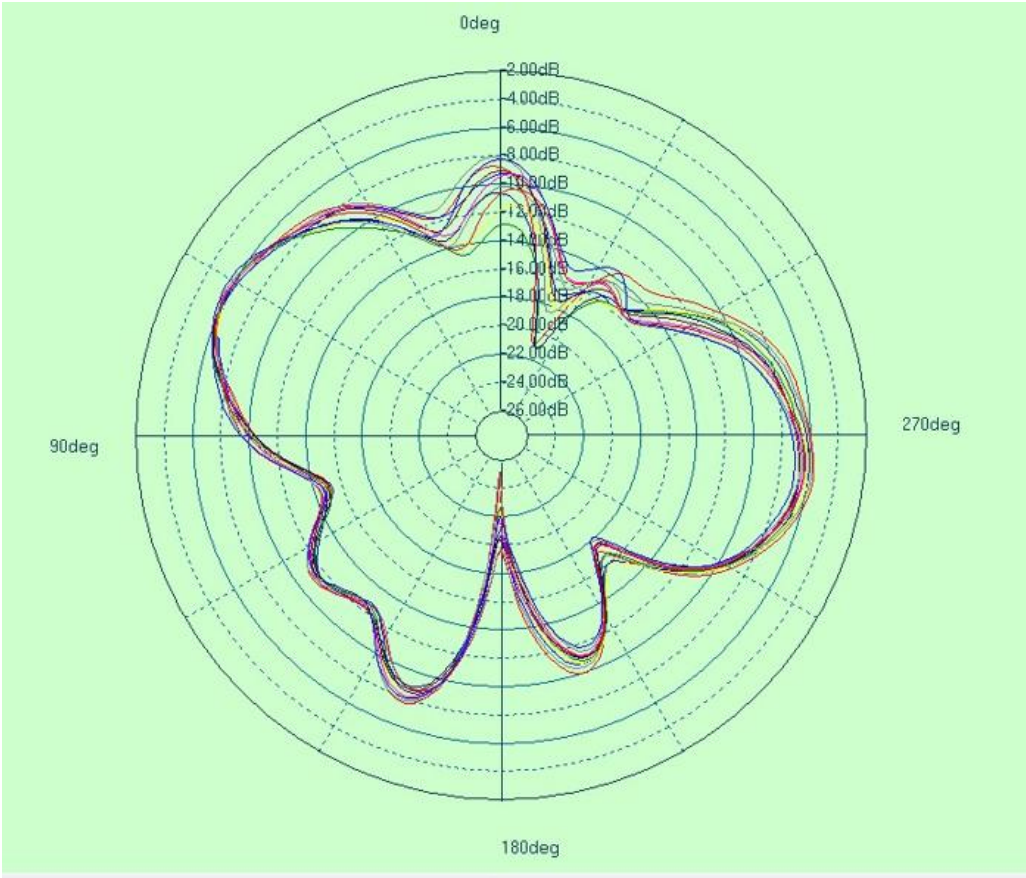


B1.3 3D Pattern for 2500MHz

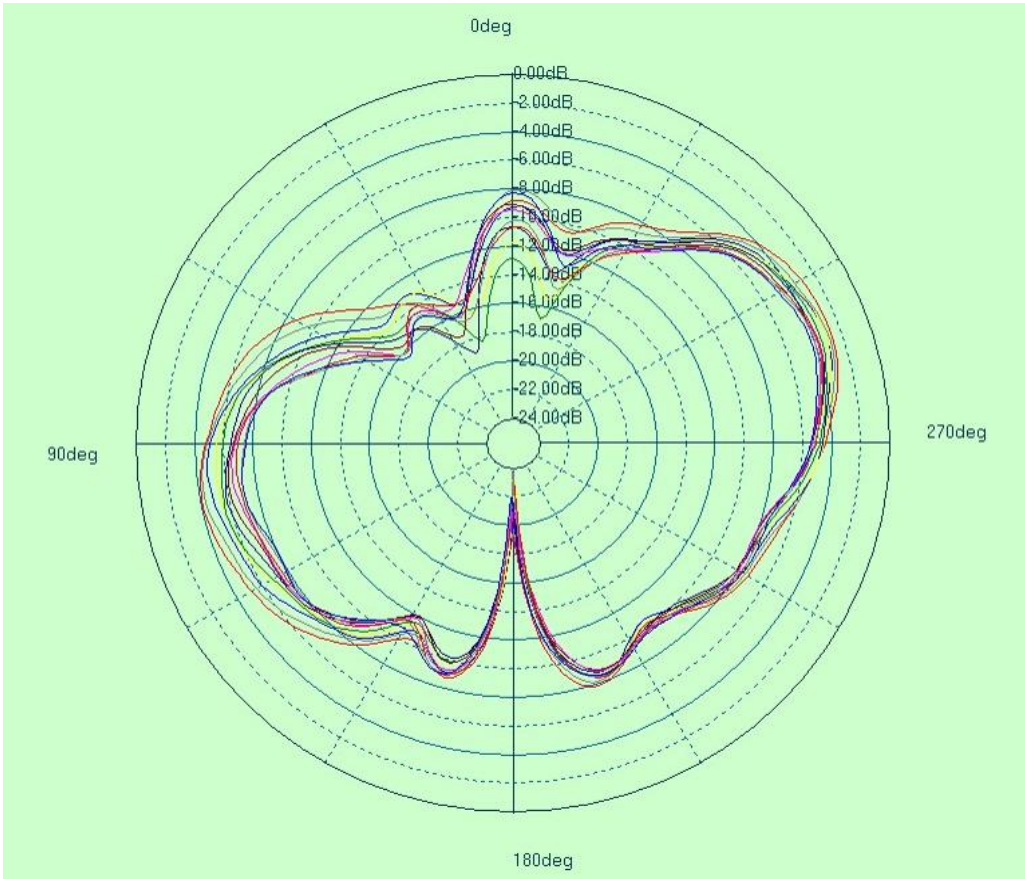


1D Radiation Pattern

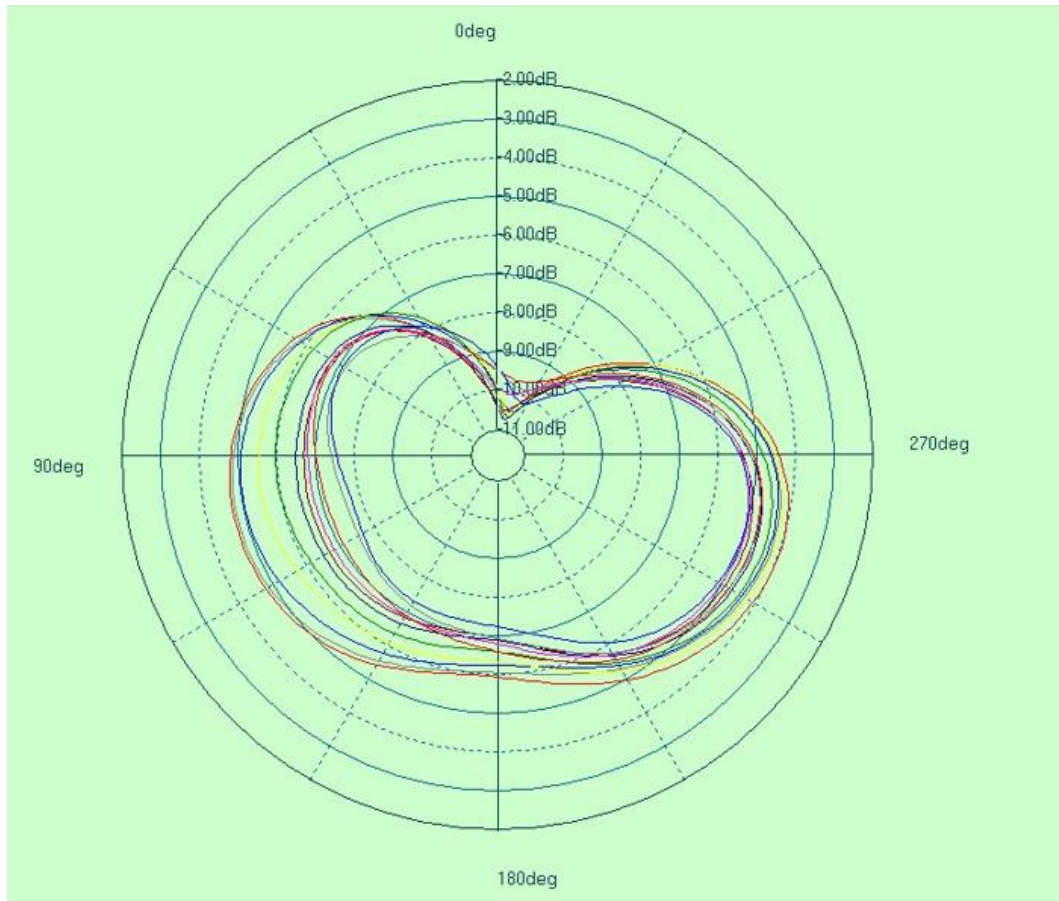
PHI=0



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