

Antenna Specification

1 PRODUCT INFORMATION

1.1 Manufacturer Information

Manufacturer	Guangzhou Zaozhongwan E-Commerce Co., Ltd.
Address	Unit L3A05-1, No. 31-6 Xicha Road, Baiyun District, Guangzhou, China

1.2 General Description for Equipment under Test (EUT)

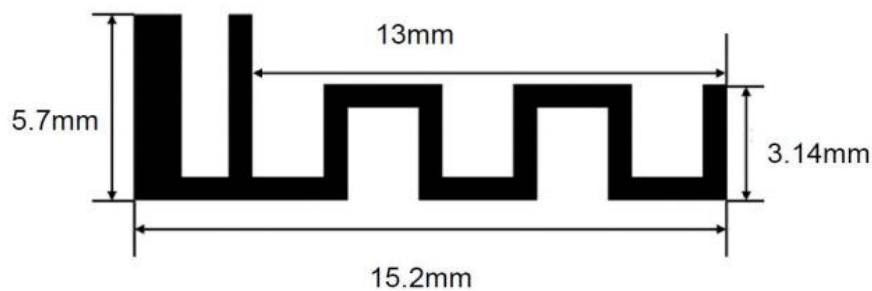
Model Name Under Test	2.4G BT-ANT
Antenna Type	PCB Antenna
Dimensions	15.2*13 mm
MAX. Gain	0.11dBi
Antenna Type	PCB

1.3 Technical Information

Frequencies	2400~2500
Test Frequencies	2400MHz, 2450MHz, 2500MHz

1.4 Antenna shape

Antenna Photo & Length (mm)



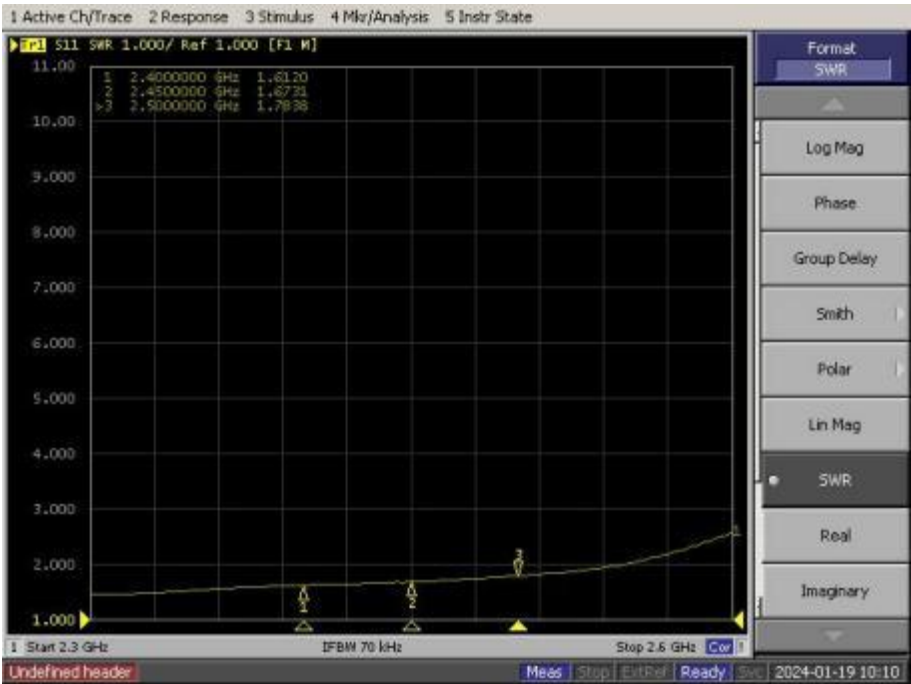
Tested by: Mai Jijian

Checked by: Xia Feng

Approved by: Tom Li

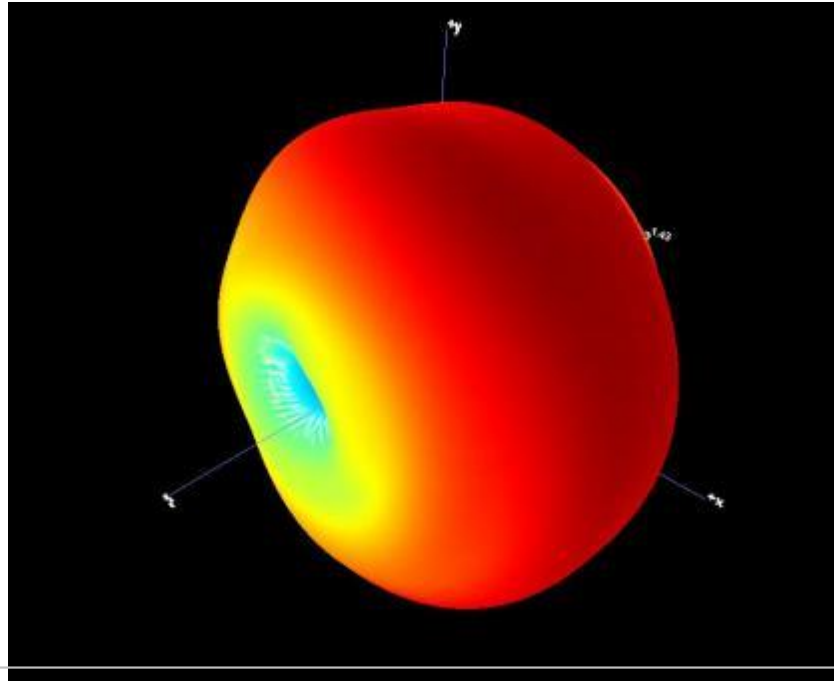
VSWR

Frequency	SWR
2400MHz	1.61
2450MHz	1.67
2500MHz	1.78

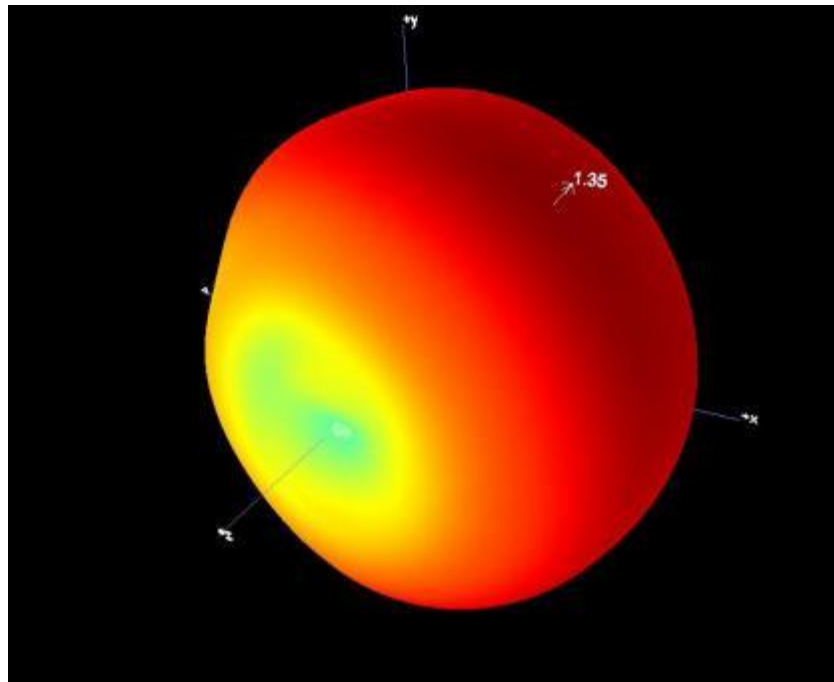


3D Pattern

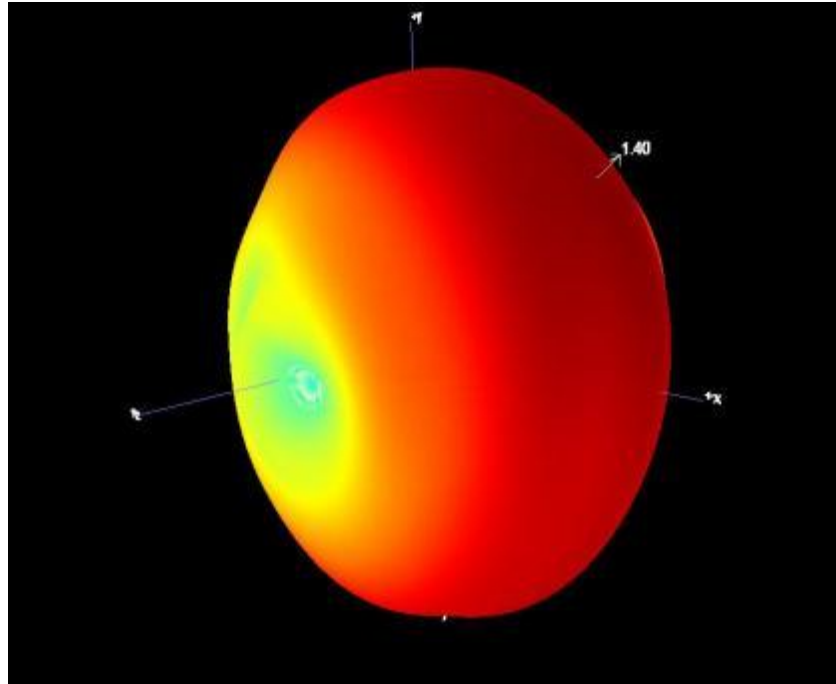
B1.1 3D Pattern for 2400MHz



B1.2 3D Pattern for 2450MHz

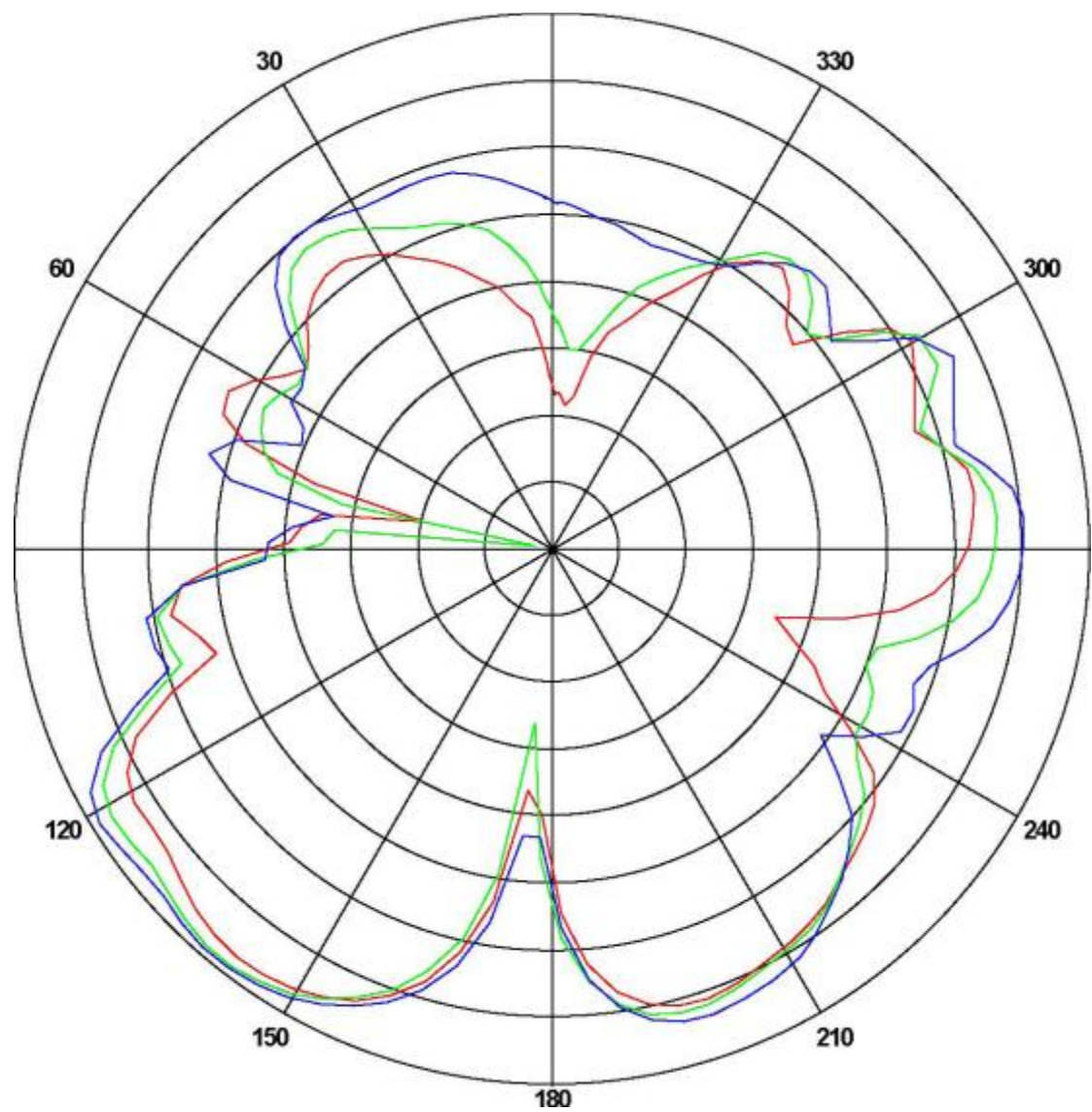


B1.3 3D Pattern for 2500MHz



1D Radiation Pattern

Horizontal: 2400 MHz 2450 MHz 2500 MHz
Power (dBm)
Max: 0 Min: -40 Scale: 5/div

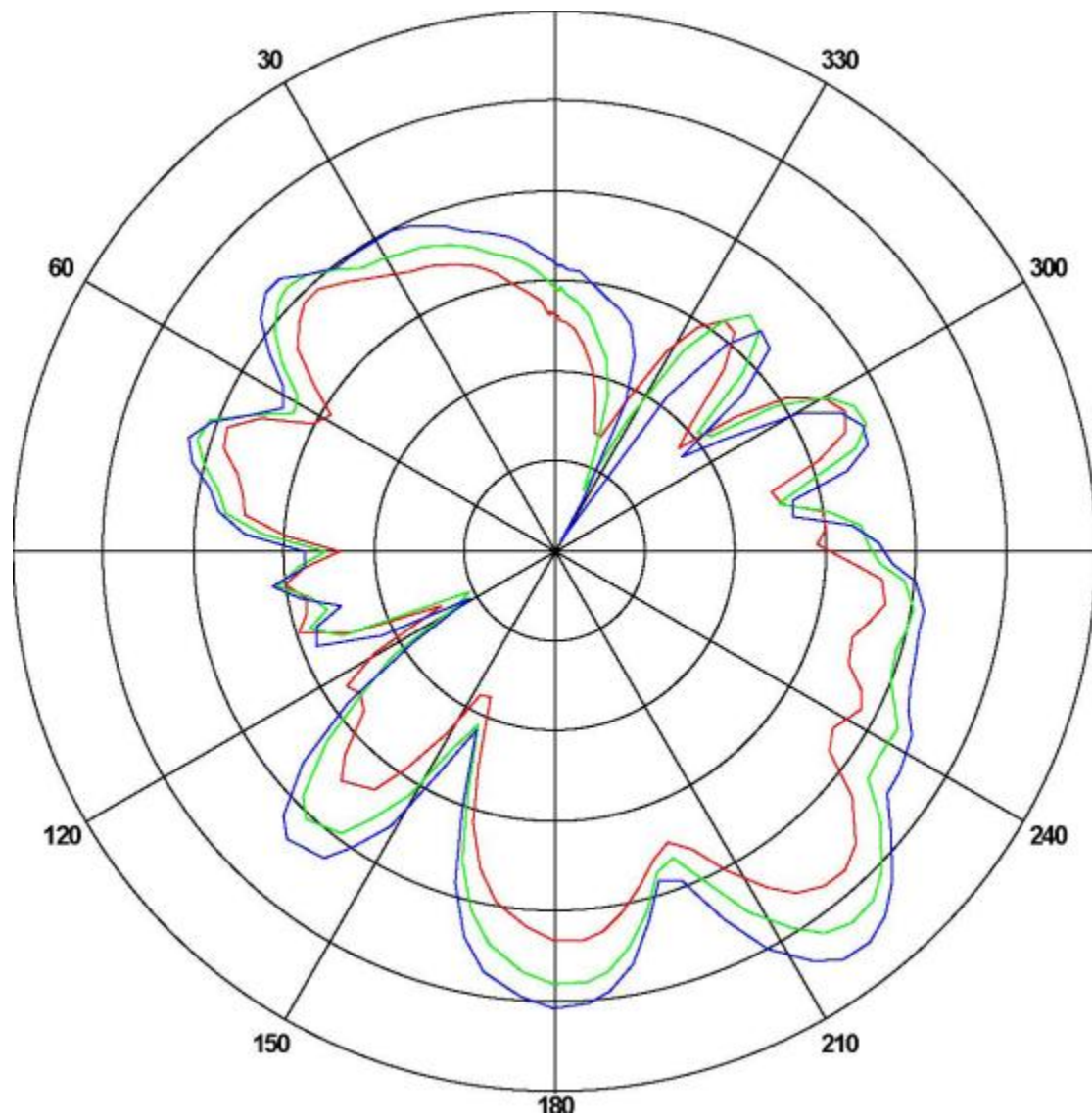


Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.765802	-36.5604	-7.48023
2500	0.112589	-22.0315	-6.59127

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-5.2537	-22.1424	-12.4294
2450	-2.4652	-24.5837	-10.4702
2500	-1.86120	-29.5214	-9.20432