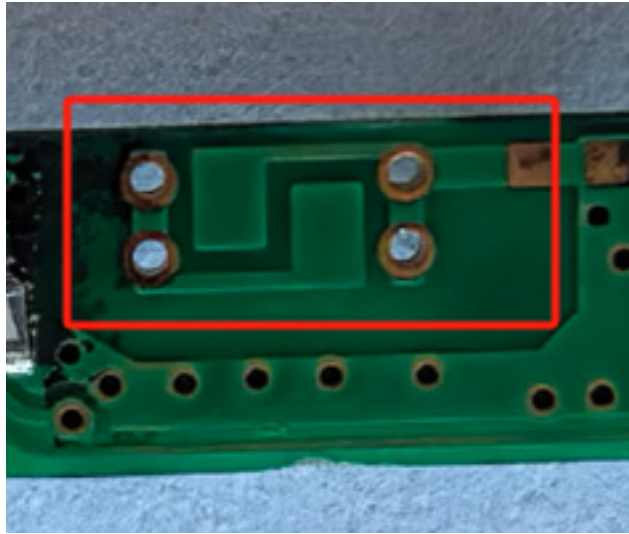


BT ANT Specifications

1. Antenna Introduction

The BT ANT is directly made on the PCB board.

2. Antenna Appearance



3. Manufacturer

Company Name: Shenzhen Wanhe Xintech Co., Ltd.

Address: No. 2, Building 1, 2nd Floor, Qingping Road, Qinghutou Village, Tangxia Town, Dongguan City, Guangdong Province

4. Antenna parameters

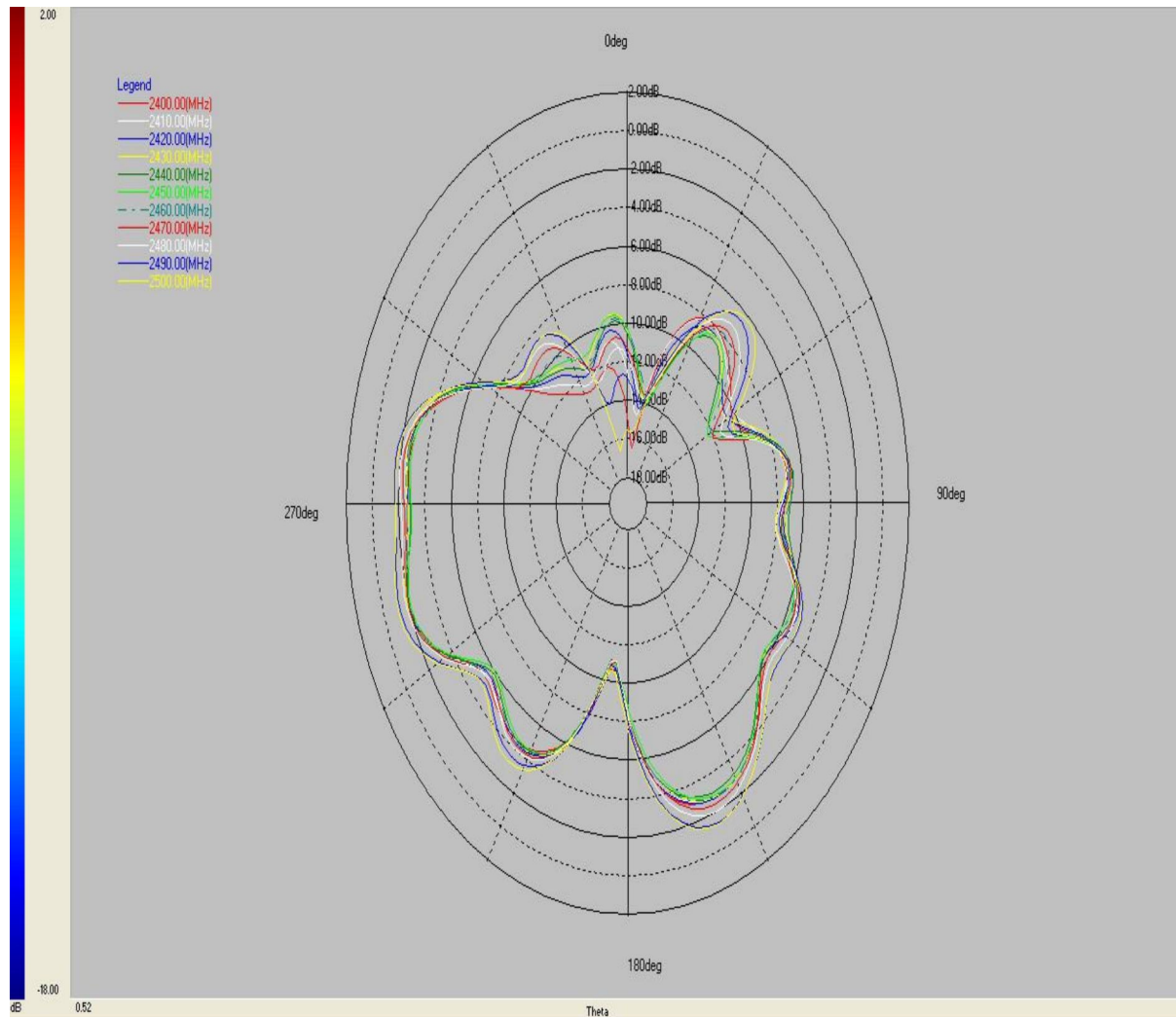
The operating frequency of the BT ANT is 2400 ~2500MHz, and resonance occurs in this frequency band. The following table shows the main parameters of the antenna.

Model	BT ANT E6S
Frequency(MHz)	2400 ~2500MHz
VSWR	≤ 1.92
Impedance	50 Ohm Nominal
Return Loss	-10dB Max
Radiation	Omni-directional
Gain(Peak)	1.08443dBi
Polarization	Linear, Vertical
Admitted Power	2W
Connector	Tin

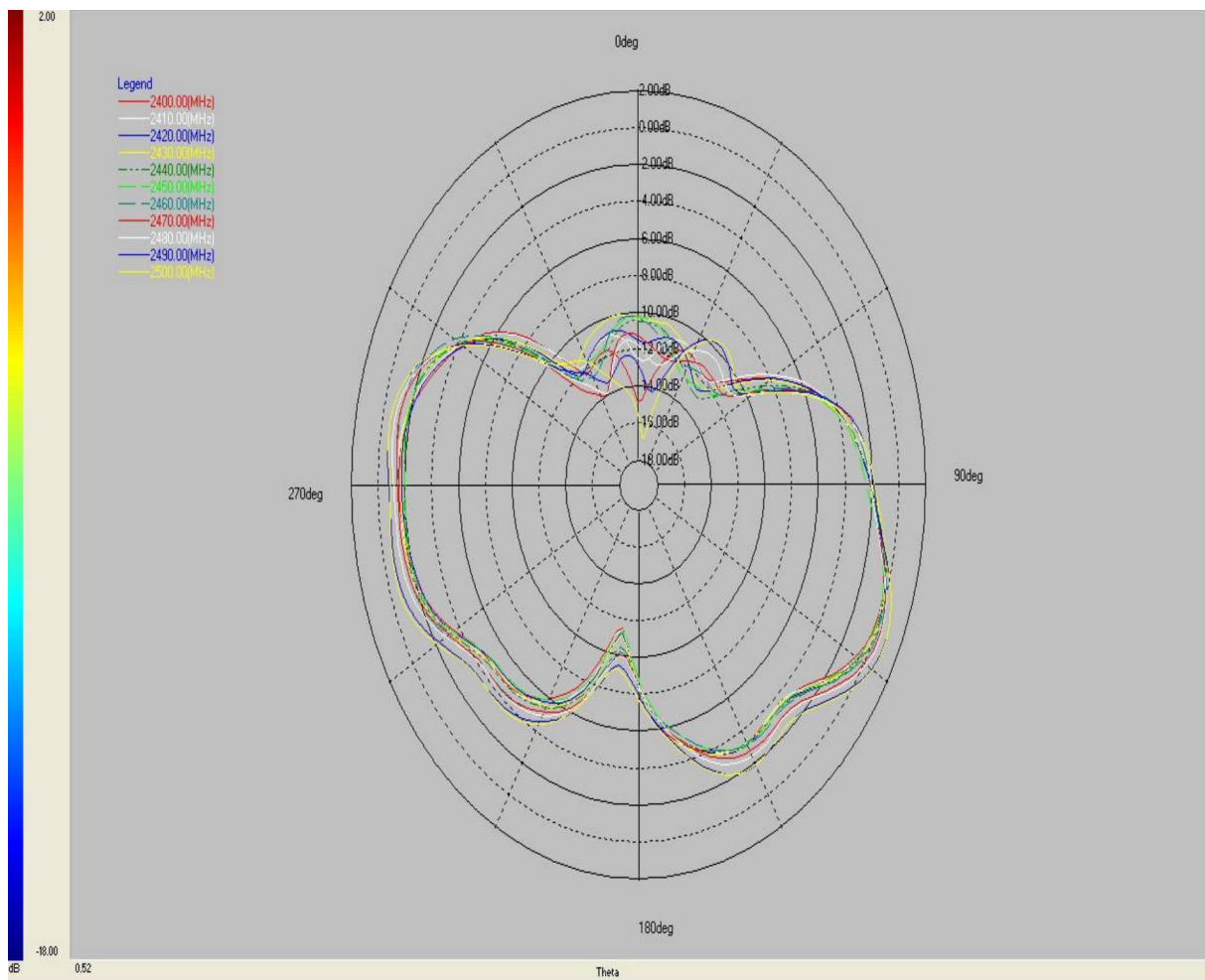
5. Antenna gain test report

Frequency (MHz)	Gain(dBi)
2400MHz	0.0403503
2410MHz	0.0886264
2420MHz	0.267381
2430MHz	0.193012
2440MHz	0.26366
2450MHz	0.0723139
2460MHz	0.36895
2470MHz	0.551525
2480MHz	0.640702
2490MHz	1.05232
2500MHz	1.08443

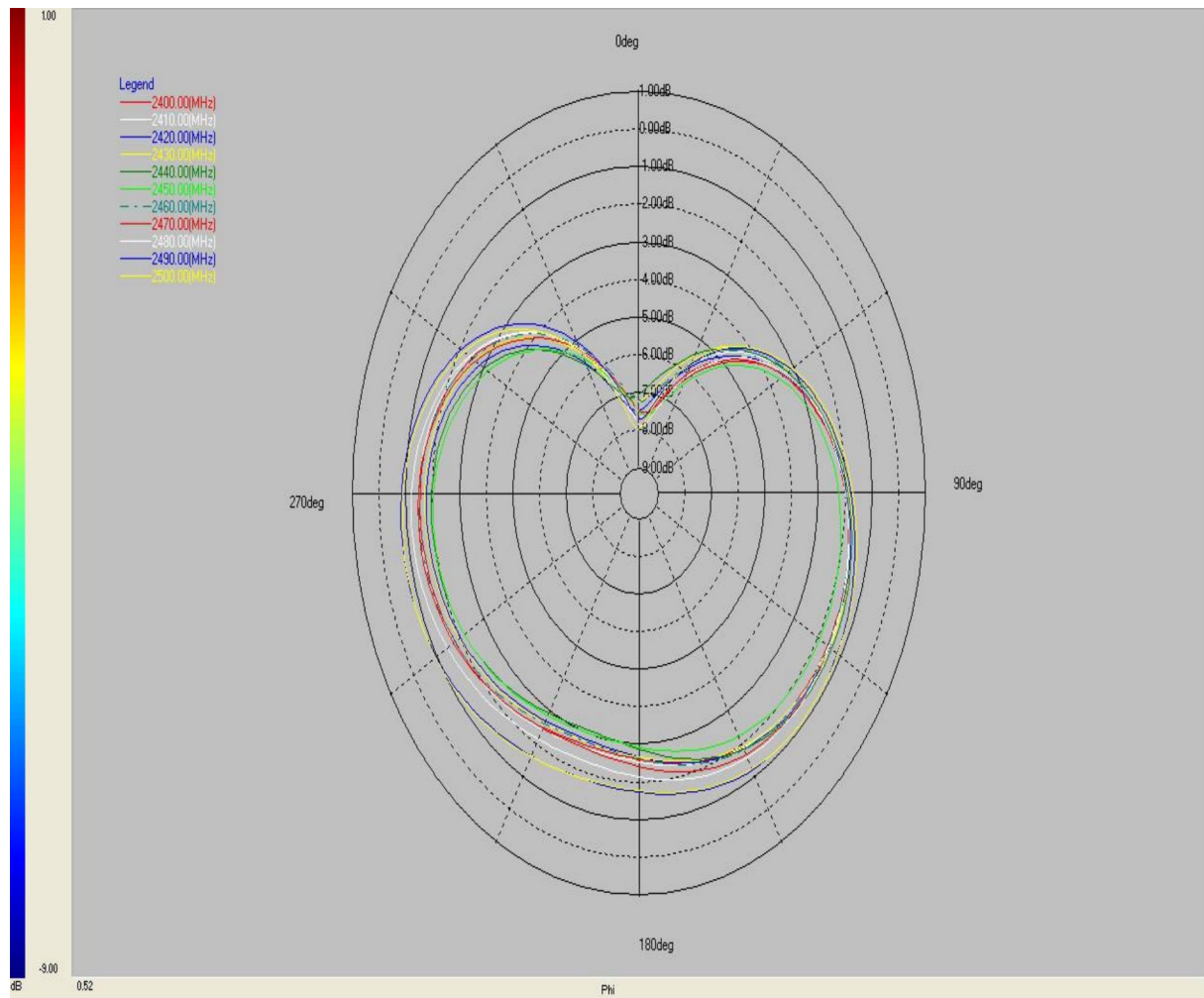
Antenna pattern



PHI0 degrees



PHI90 degrees



THETA 90 degrees

VSWR diagram:

