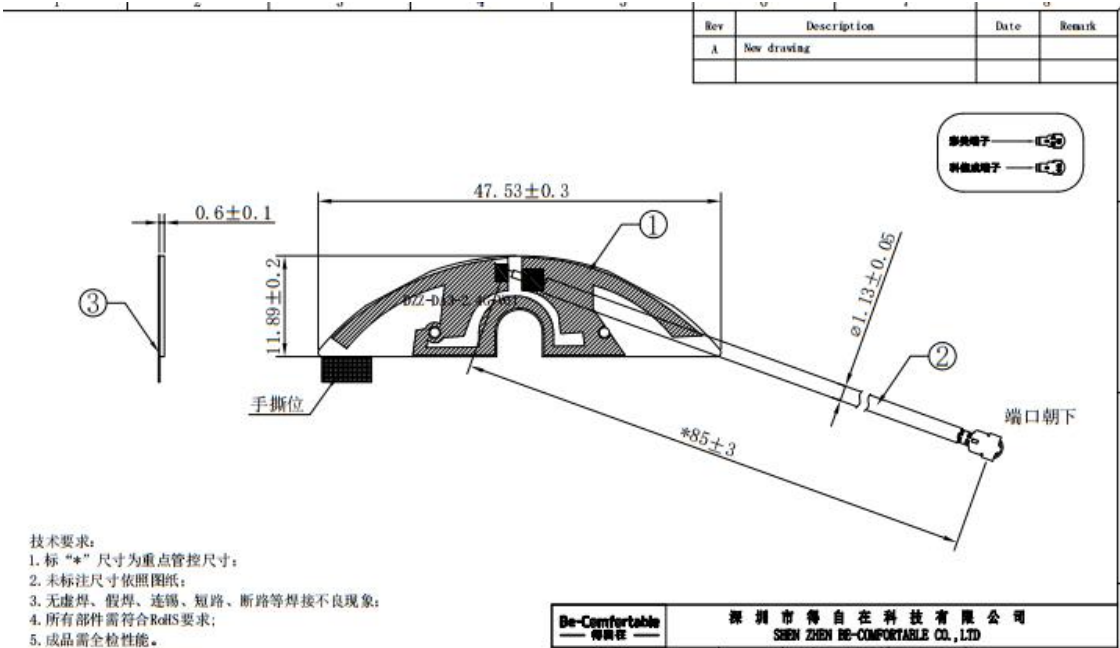


1、Antenna Information



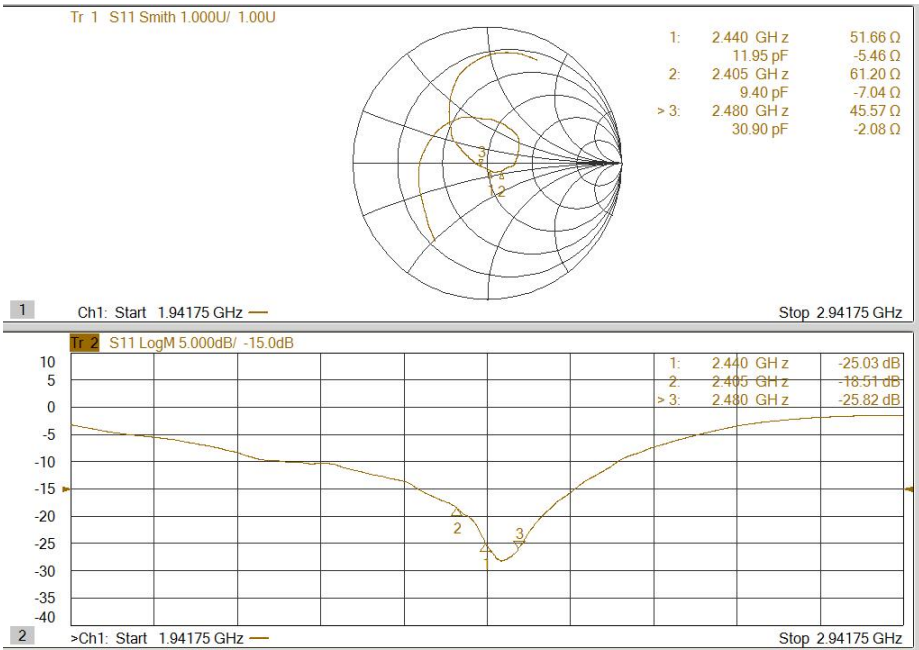
Zigbee antenna

Product Model	DA3
Antenna Model	DA3-Zigbee
Antenna Type	PIFA
Manufacturer	Shenzhen Be-Comfortable Technology Co. Ltd

2、Electrical Specifications

Frequency Range	2400~2500MHz
Bandwidth	100 MHz
Input Impendence	50Ω
S11	≤ -10 dB
Gain	Peak Gain 2 dBi

3、 Antenna S11

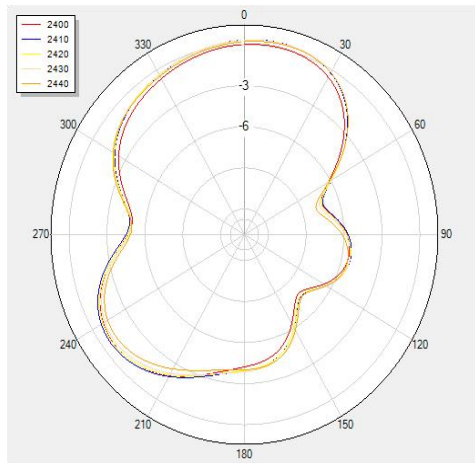


4、 Plane Definition Radiation

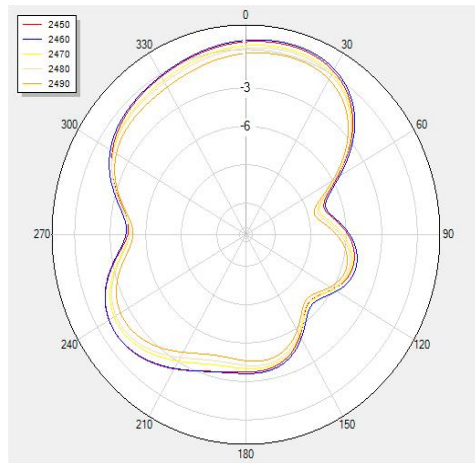
XY Plane	Theta=90°
XZ Plane	Phi=0°
YZ Plane	Phi=90

5、 Pattern

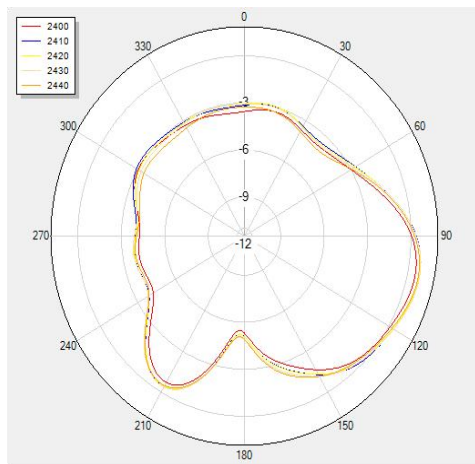
H Theta=90



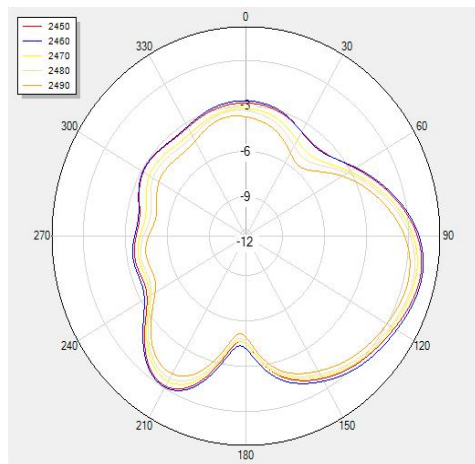
H Theta=90



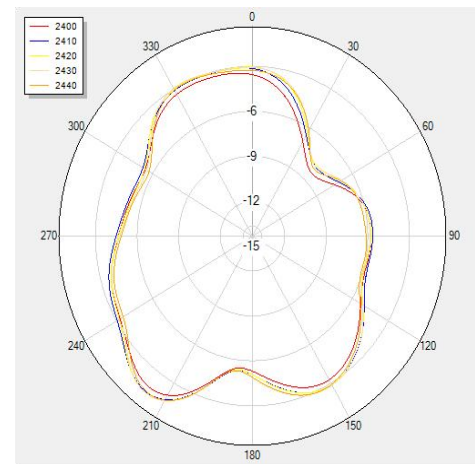
V Phi=0



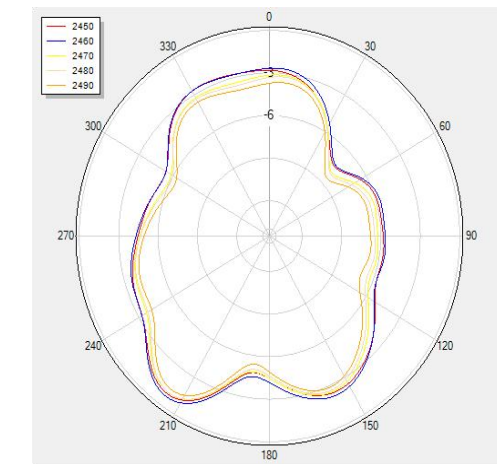
V Phi=0



V Phi=90



V Phi=90



6. Test Results

Frequency ID	Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
1	2400	1.2	-3.58	43.84
2	2410	1.1	-3.69	42.8
3	2420	1.5	-3.95	40.26
4	2430	0.8	-3.53	44.36
5	2440	0.9	-3.87	41
6	2450	2.0	-3.82	41.51
7	2460	1.6	-3.78	41.9
8	2470	1.3	-3.79	41.78
9	2480	1.2	-3.47	45
10	2490	1.7	-3.87	41.02
11	2500	1.5	-3.71	42.53

Manufacturer: Shen Zhen Be-Comfortable Co., Ltd.
Address: Room 1603, Building C6, Hengfeng Industrial City, No.739
Zhoushi Road, Hezhou Community, Hangcheng Street, Baoan District,
Shenzhen