

1、Antenna picture

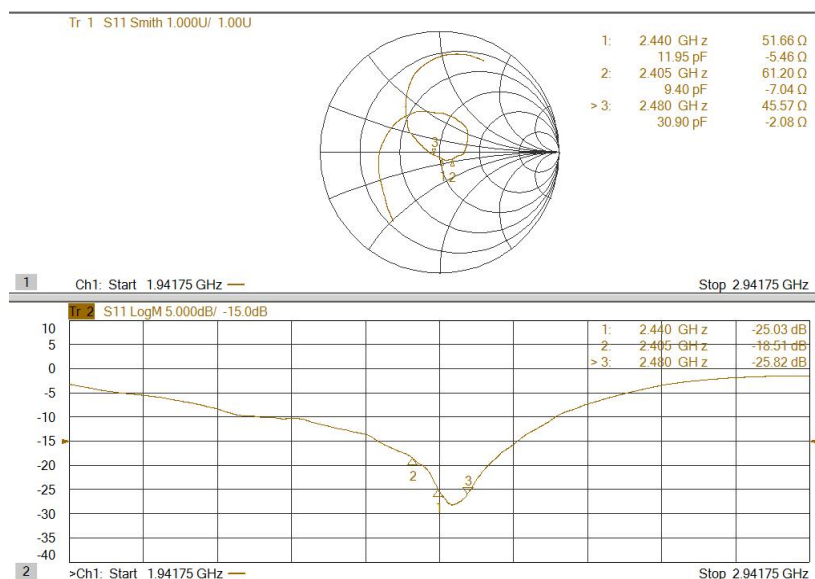


Zigbee antenna

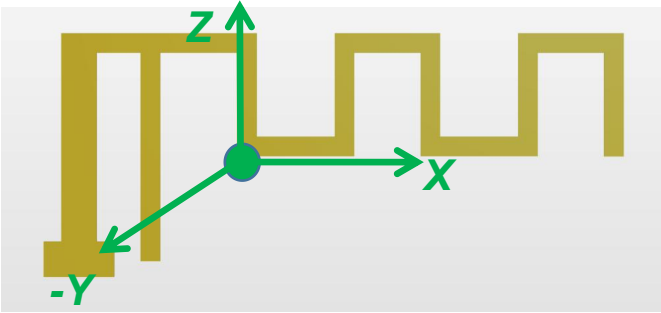
2、Electrical Specifications

Frequency Range	2400~2500MHz
Bandwidth	100 MHz
Input Impedence	50 Ω
S11	≤ -10 dB
Gain	Peak Gain 0dBi

3、Antenna S11



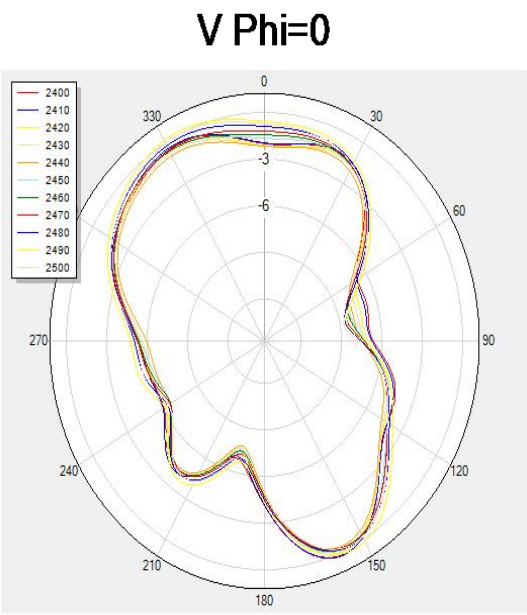
4、 *Plane Definition Radiation*



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

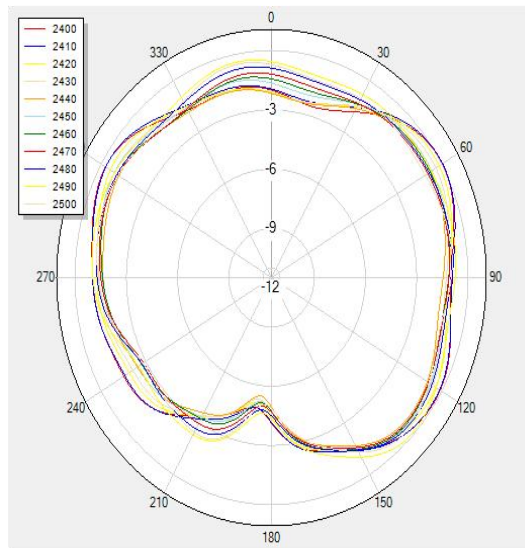
5、 *Pattern*

Phi=0°



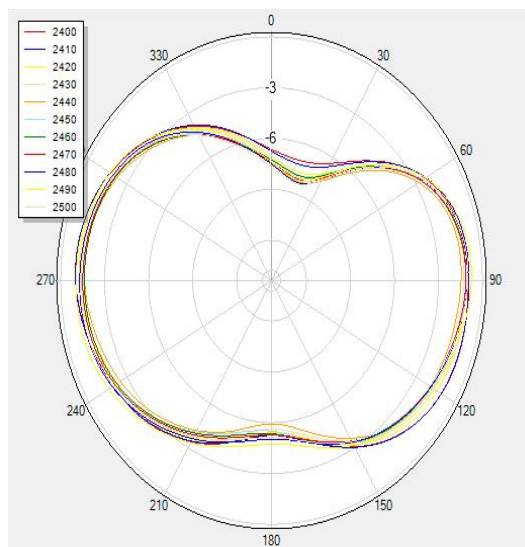
Phi=90°

V Phi=90



Theta=90°

H Theta=90



6. Test Results

Frequency ID	Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
1	2400	-0.82	-5.60	27.57
2	2410	-0.71	-5.66	27.16
3	2420	-0.54	-5.44	28.58
4	2430	-0.14	-5.39	28.91
5	2440	-0.19	-5.62	27.41
6	2450	0	-5.46	28.42
7	2460	-0.09	-5.28	29.67
8	2470	-0.21	-5.57	27.71
9	2480	-0.15	-5.45	28.48
10	2490	-0.66	-5.27	29.7
11	2500	-0.95	-5.54	27.91

Manufacturer: Chengdu Yibaite Electronic Technology Co., Ltd.
Manufacturer's address: Floor 2, Building B2, No.199 West Zone Avenue, Chengdu High-tech Zone