

PCB Bluetooth Antenna Specification

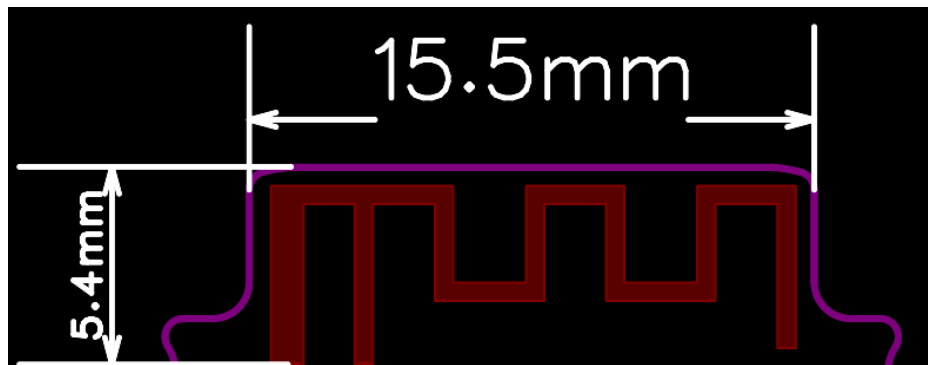
Manufacturer: Zhuhai Yibo Intelligent Equipment Co.,Ltd

Manufacturer Address: Room 1801,Building A,Yunxigu Digital Industry Park,No.168 Tourism Road,Xiangzhou District,Zhuhai City,Guangdong Province

1. Electrical Characteristics

No.	Item	Specifications
1	Frequency	2402~2480MHz
2	Return Loss	-5.71 dB Max
3	Gain (Peak)	0.00 dbi
4	V.S.W.R (in BW)	≤3.14
5	Polarization	Linear, Vertical
6	Radiation	Omni-directional
7	Impedance	50 Ohm

2. Shape of the antenna

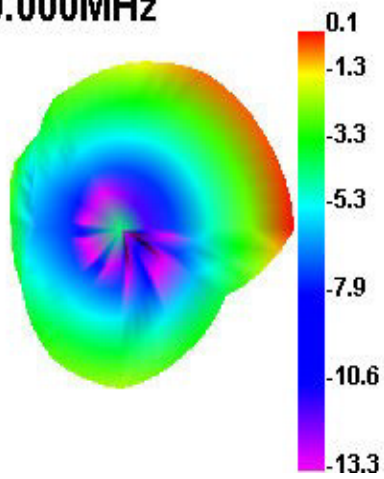


3. Maximum gain value

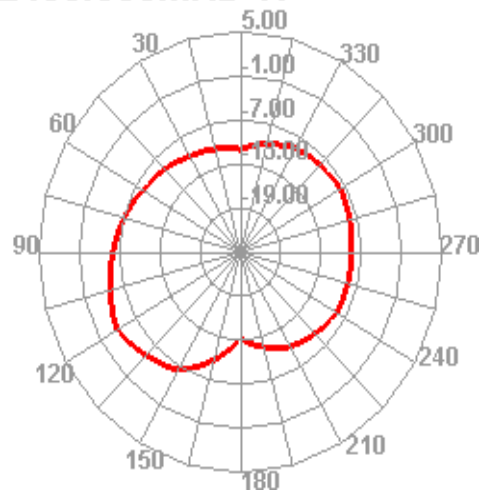
Frequency VNA (MHz)	Max Gain(dB)
2400	-0.45
2410	-0.35
2420	-0.1
2430	-1.19
2440	-1.64
2450	-0.39
2460	-1.12
2470	-1.18
2480	0.00
2490	-1.28
2500	-1.32

4. Directional map

2400.000MHz

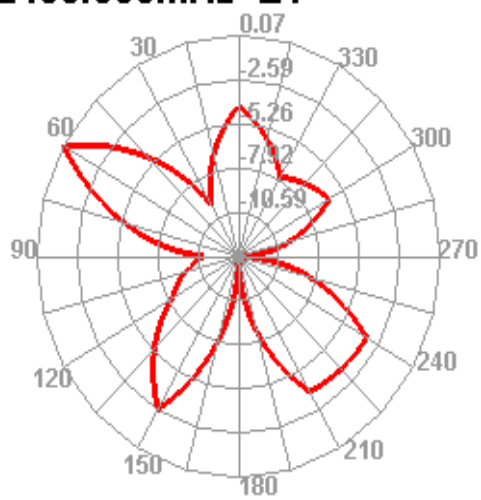


2400.000MHz H

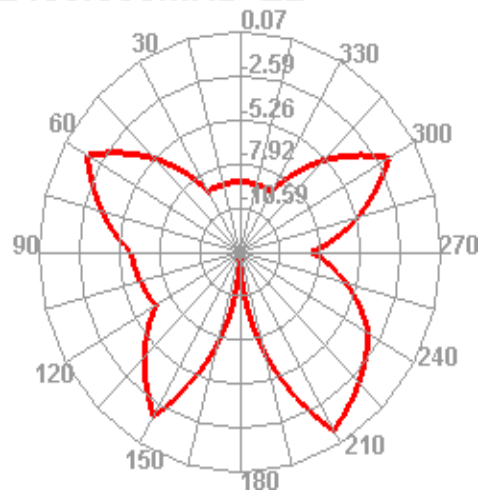


5. Bobbi map

2400.000MHz E1

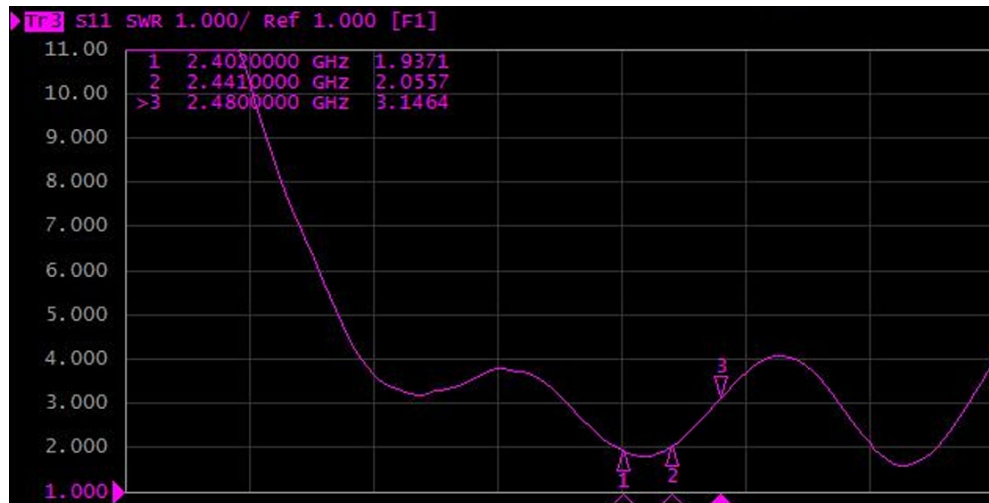


2400.000MHz E2

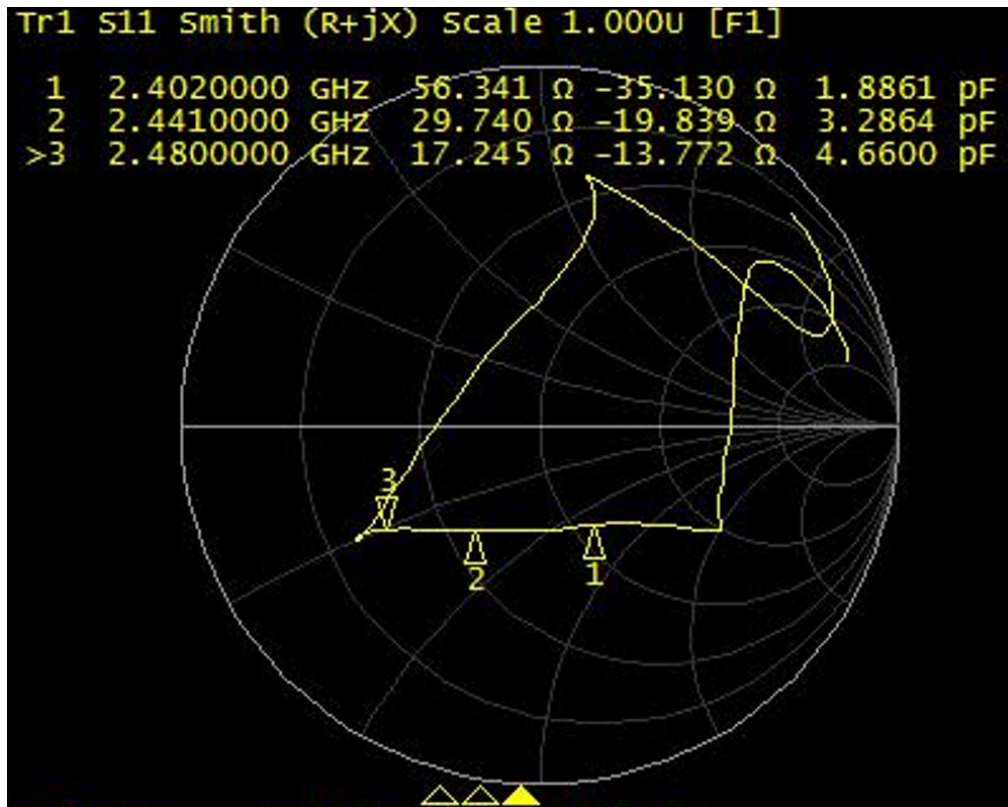


6. Smith Chart and V.S.W.R

V. S. W. R



Smith Chart



7. Return Loss

