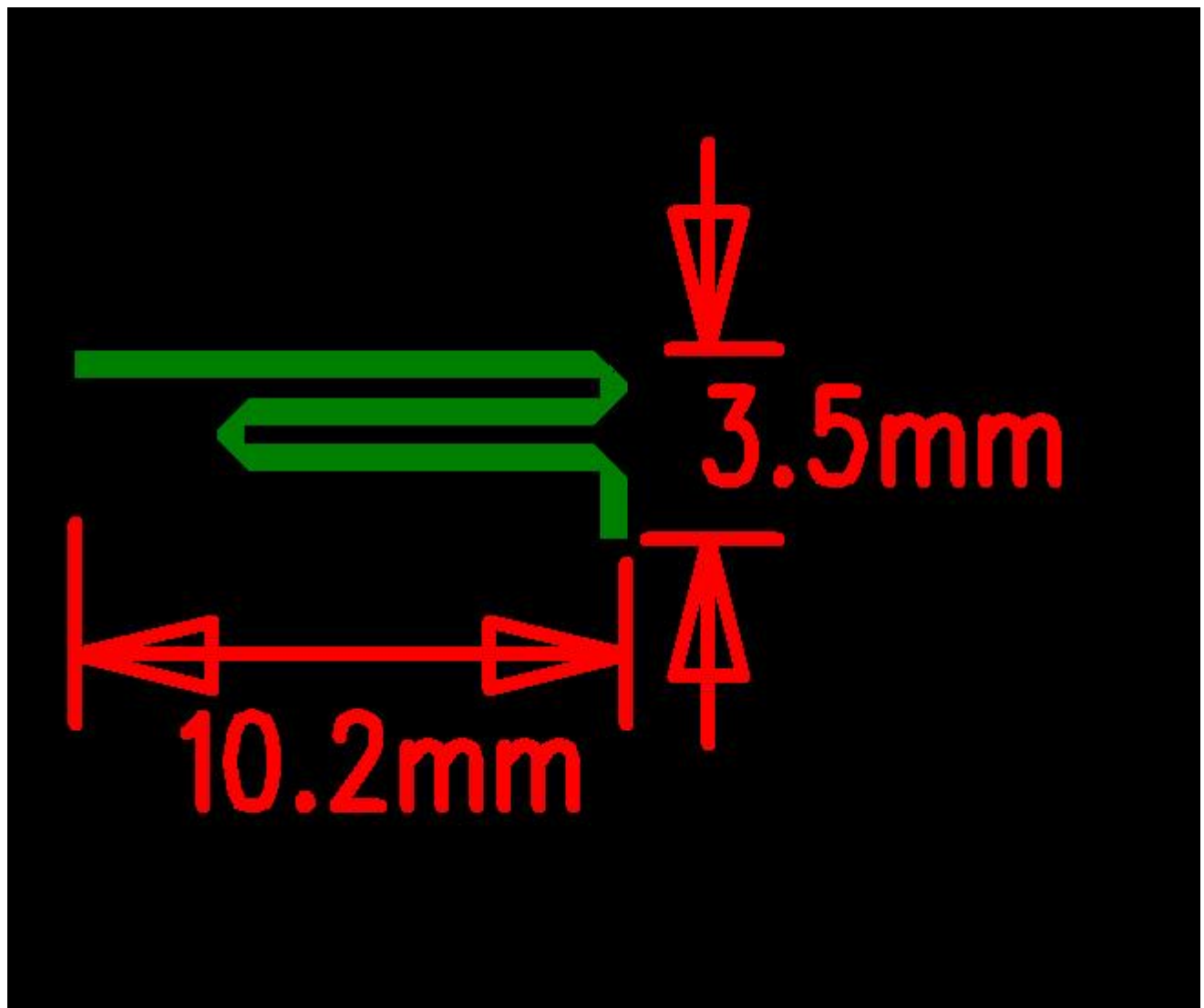


. Antenna Specification

一、Dimensions



二、General Specifications

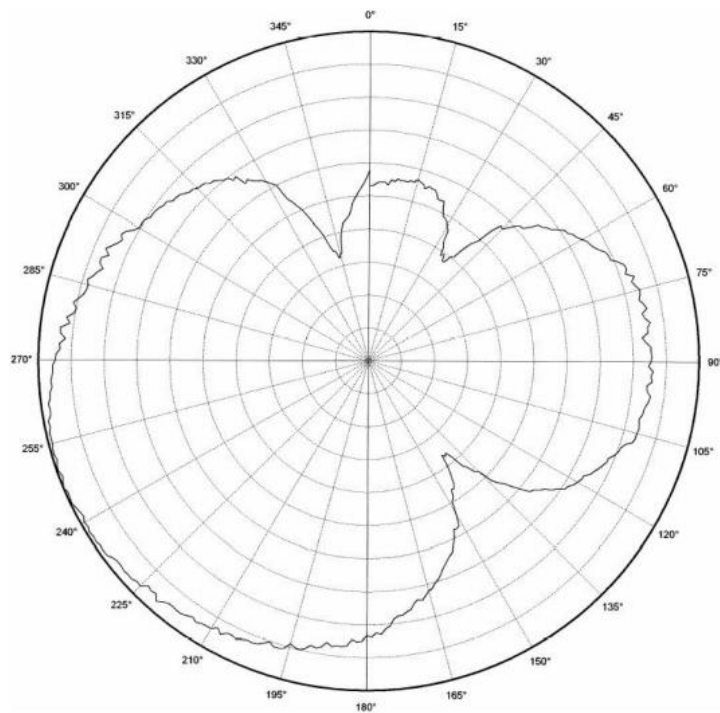
Part Number	PCB_ANTENNA
Frequency Range	2400 - 2500 Mhz
Band Width	100MHz
Peak Gain	-0.5 dBi
Return Loss	-10dB (MAX)

VSWR	$\leq 2.0(\text{MAX})$
Antenna type	FR4_PCB_Antenna
Antenna size	10.2 x 3.5 mm

三、TEST

ANTENNA INFORMATION

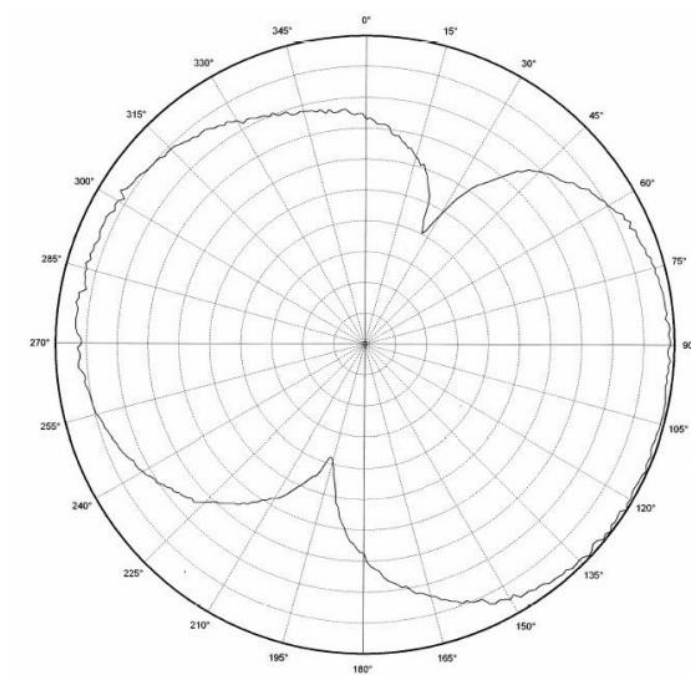
- Antenna Type: PCB antenna
- Antenna Radiation Pattern
- 2400MHz



XY vertical

Power (dBm)

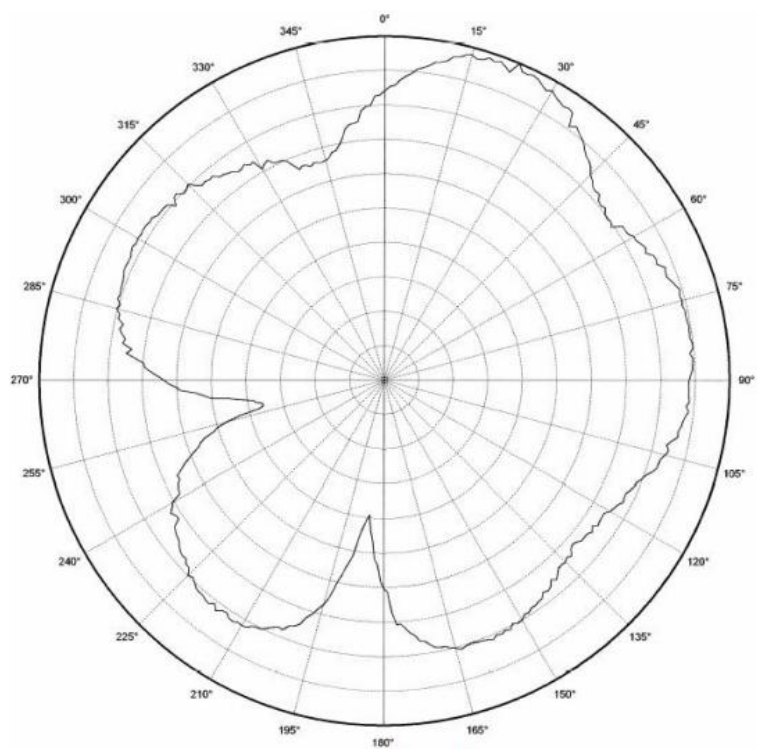
Max: 0 Min:-50 Scale:5/div



XY horizontal

Power (dBm)

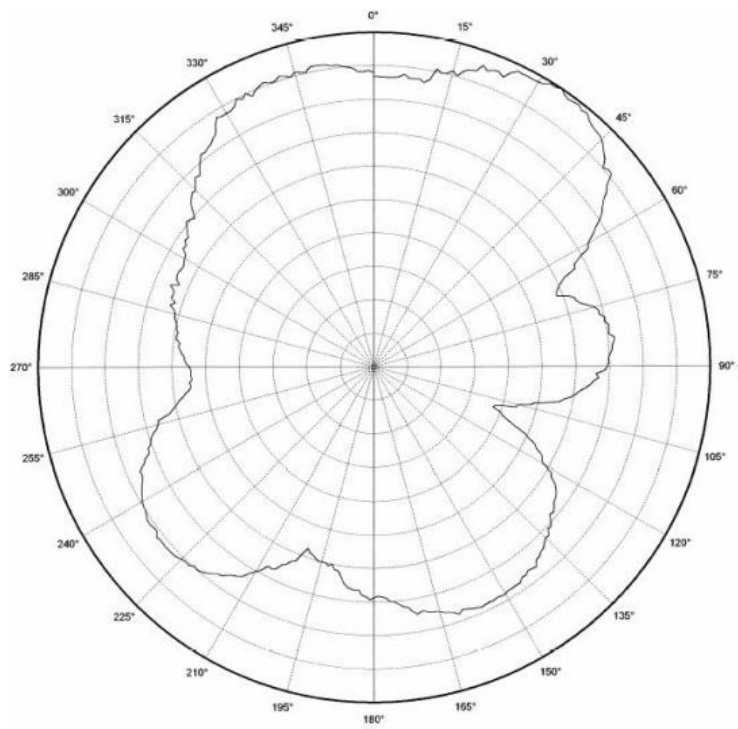
Max: 0 Min:-50 Scale:5/div



xz vertical

Power (dBm)

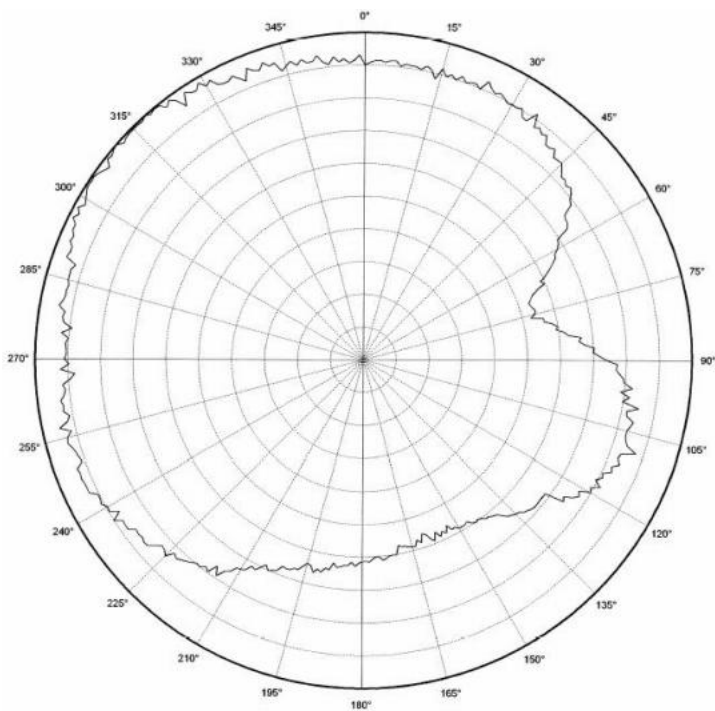
Max: 0 Min:-50 Scale:5/div



xz horizontal

Power (dBm)

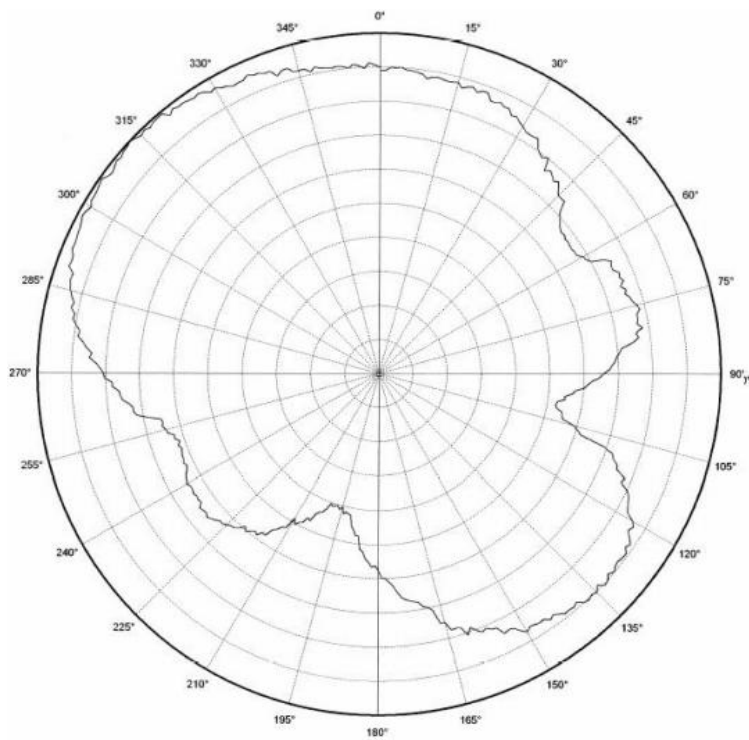
Max: 0 Min:-50 Scale:5/div



YZ vertical

Power (dBm)

Max: 0 Min:-50 Scale:5/div



YZ horizontal

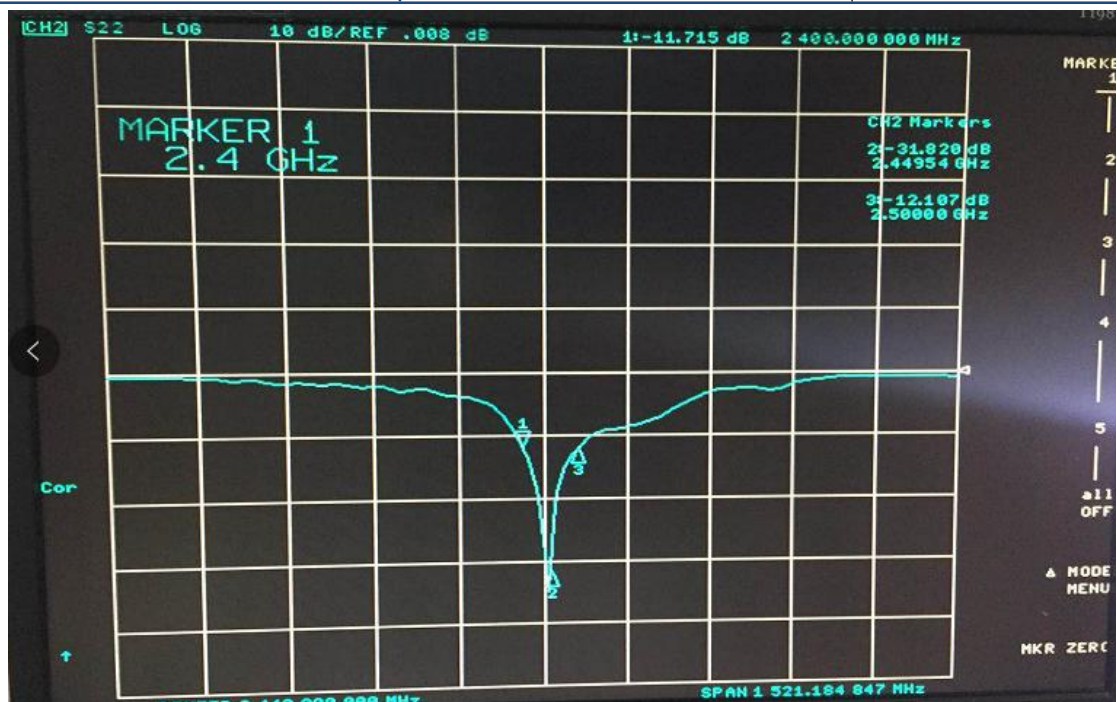
Power (dBm)
 Max: 0 Min:-50 Scale:5/div

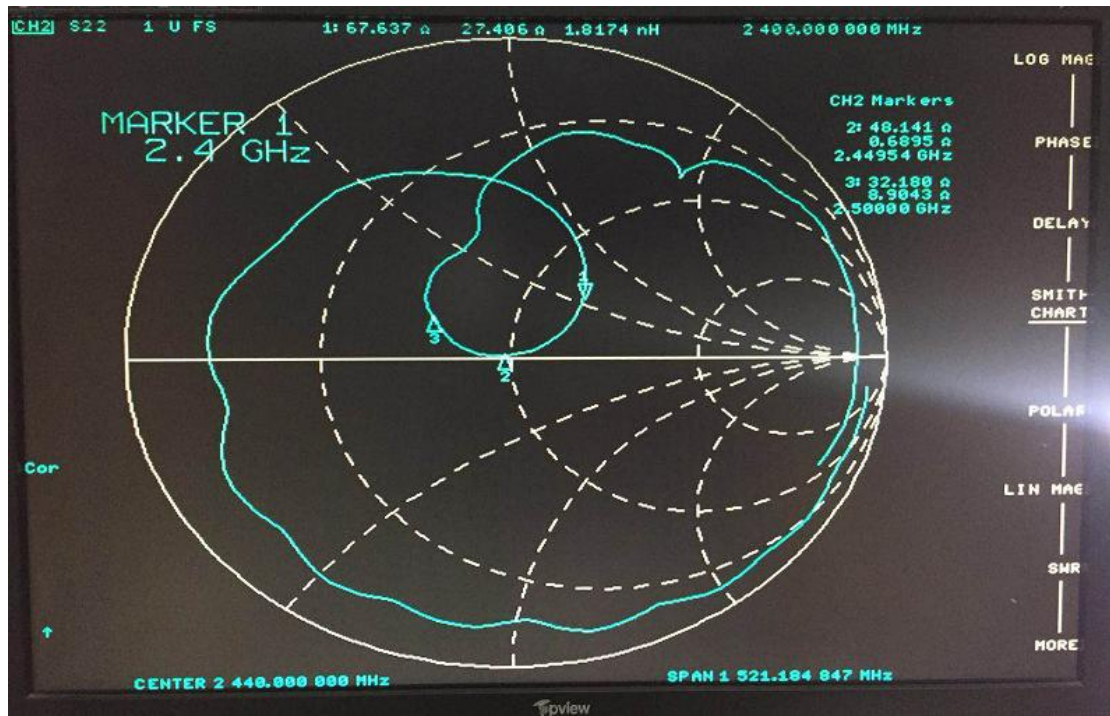
Antenna Radiation Gain

Radiation Pattern		
Plane	Frequency [MHz]	Max Value [dB]
XY	2400	-0.5 dBi
	2450	-1.5 dBi
	2500	-1.0 dBi
XZ	2400	-1.8 dBi
	2450	-2.0 dBi
	2500	-3.2 dBi
ZY	2400	-1.7 dBi
	2450	-2.8 dBi
	2500	-2.2 dBi

Return loss

Frequency [MHz]	Return loss [dB]	VSWR
2400	-11.7 dB	1.75
2450	-31.9 dB	1.02
2500	-12.1 dB	1.65





Manufacturer: Shenzhen New Information Technology Co., LTD
Address: 4th Floor, Bantian Center Building, Longgang District, Shenzhen City, Guangdong Province