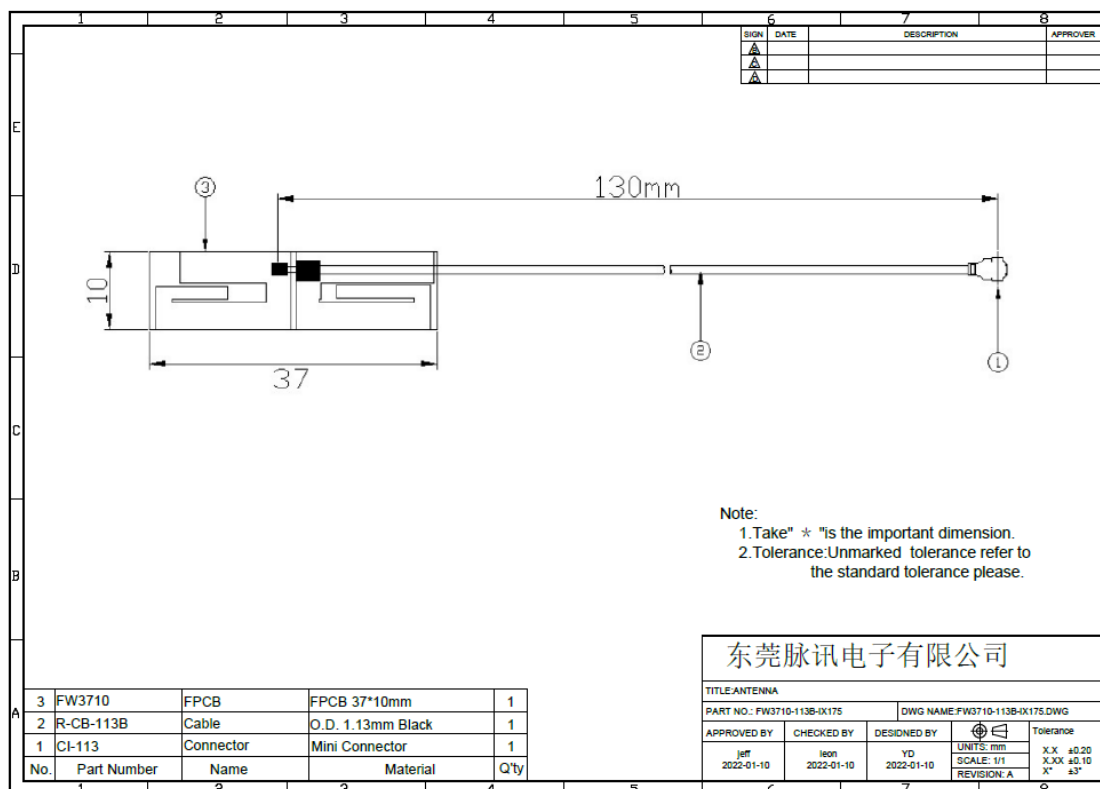


Test Reports

Sample Photo	
	
A. Electrical Characteristics	
Frequency	2400 ~ 2500MHz4900 ~ 5900MHz
S.W.R.	≤ 2.5
Antenna Gain	$4.0 \pm 0.7\text{dBi}$
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	4.9 dB / m Max @ 5000 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	13
Physical Properties	
Antenna Material	FPCB
Cable Type	O.D. 1.13mm // 130 mm
Operating Temp.	-35 ~ +60 °C
Storage Temp.	-35 ~ +70 °C



Antenna describe

Antenna plate	PCB antenna					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400 MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
	-1.26	-0.76	-0.58	-5.25	-2.46	-1.86
MAX. Gain	-0.58dB					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	38.20mm					

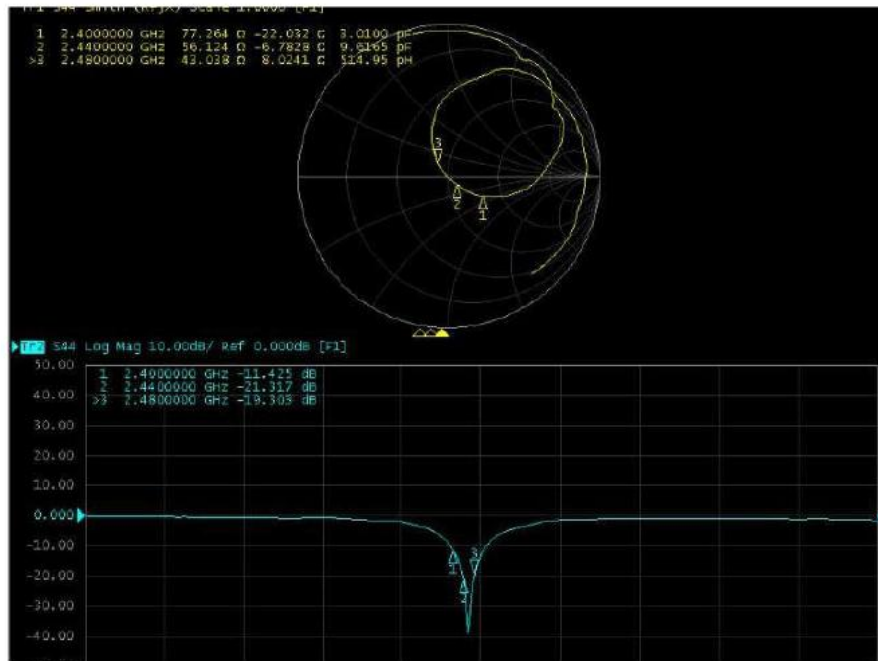
Dongguan Maixun Electronics Co., Ltd.

Room 405, 4th Floor, No.6 Qilin East Road, Daning Community, Humen Town, Dongguan City, Guangdong Province, China

Horizontal: 2400 MHz 2450 MHz 2500 MHz

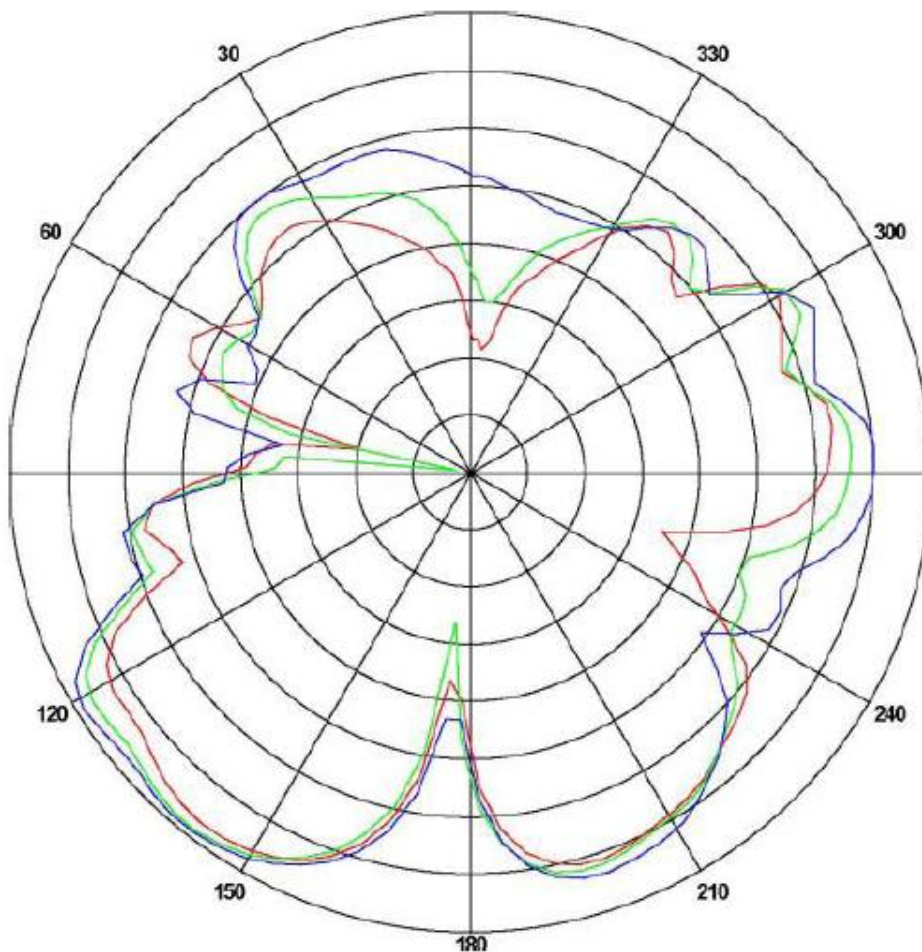
Power (dBm)

Max: 0 Min: -40 Scale: 5/div



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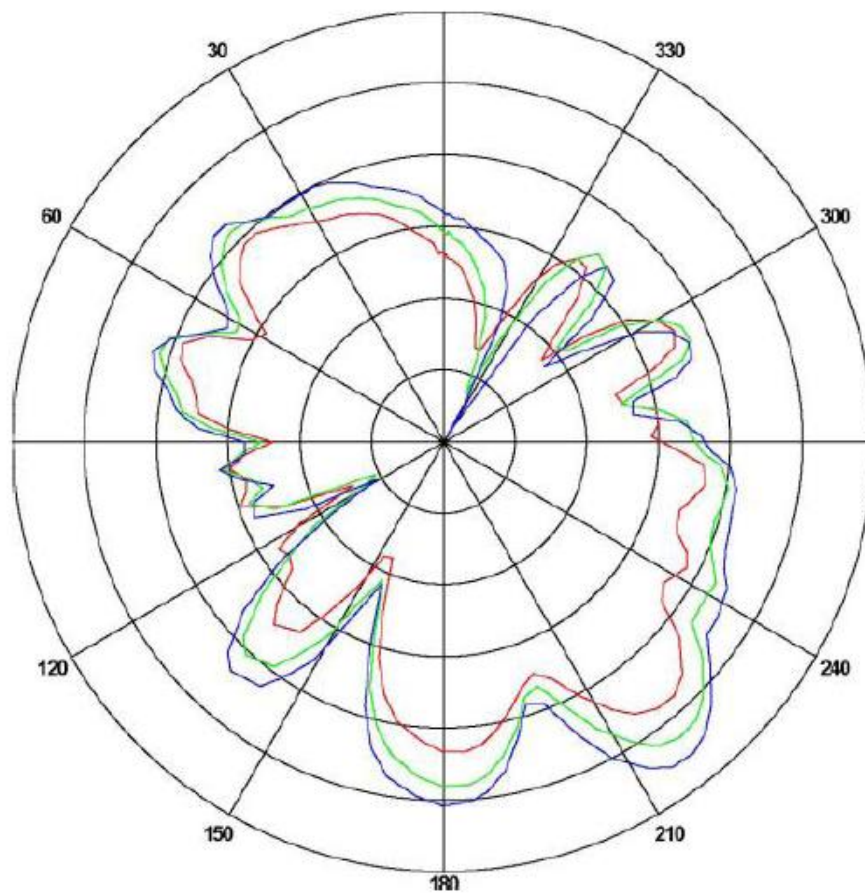
Horizontal: 2400 MHz 2450 MHz 2500 MHz
 Power (dBm)
 Max: 0 Min: -40 Scale: 5/div



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.765802	-36.5604	-7.48023
2500	-0.585582	-22.0315	-6.59127

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Vertical: 2400 MHz 2450 MHz 2500 MHz
 Power (dBm)
 Max: 0 Min: -30 Scale: 5/div



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-5.2537	-22.1424	-12.4294
2450	-2.4652	-24.5837	-10.4702
2500	-1.86120	-29.5214	-9.20432

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