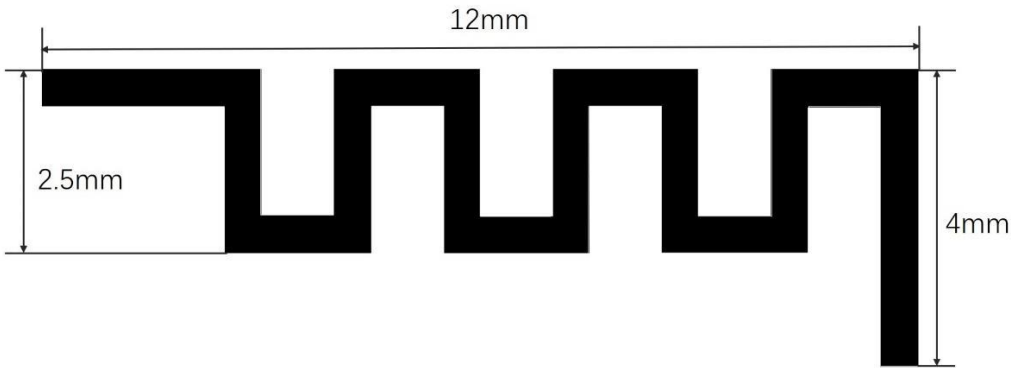


Antenna Specification

ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2400MHz	2500MHz	2400MHz	2400MHz	2500MHz
	1.2	1.9	2.0	-5.25	-2.46	-1.86
MAX. Gain	2dB					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	31mm					
Manufacture	Shenzhen ALM-IoT Technology Ltd					
Adress	R303, Building 18, ZHX Innovation Industrial City, No.11 Gan Li Rd., Jihua St.,shenzhen					

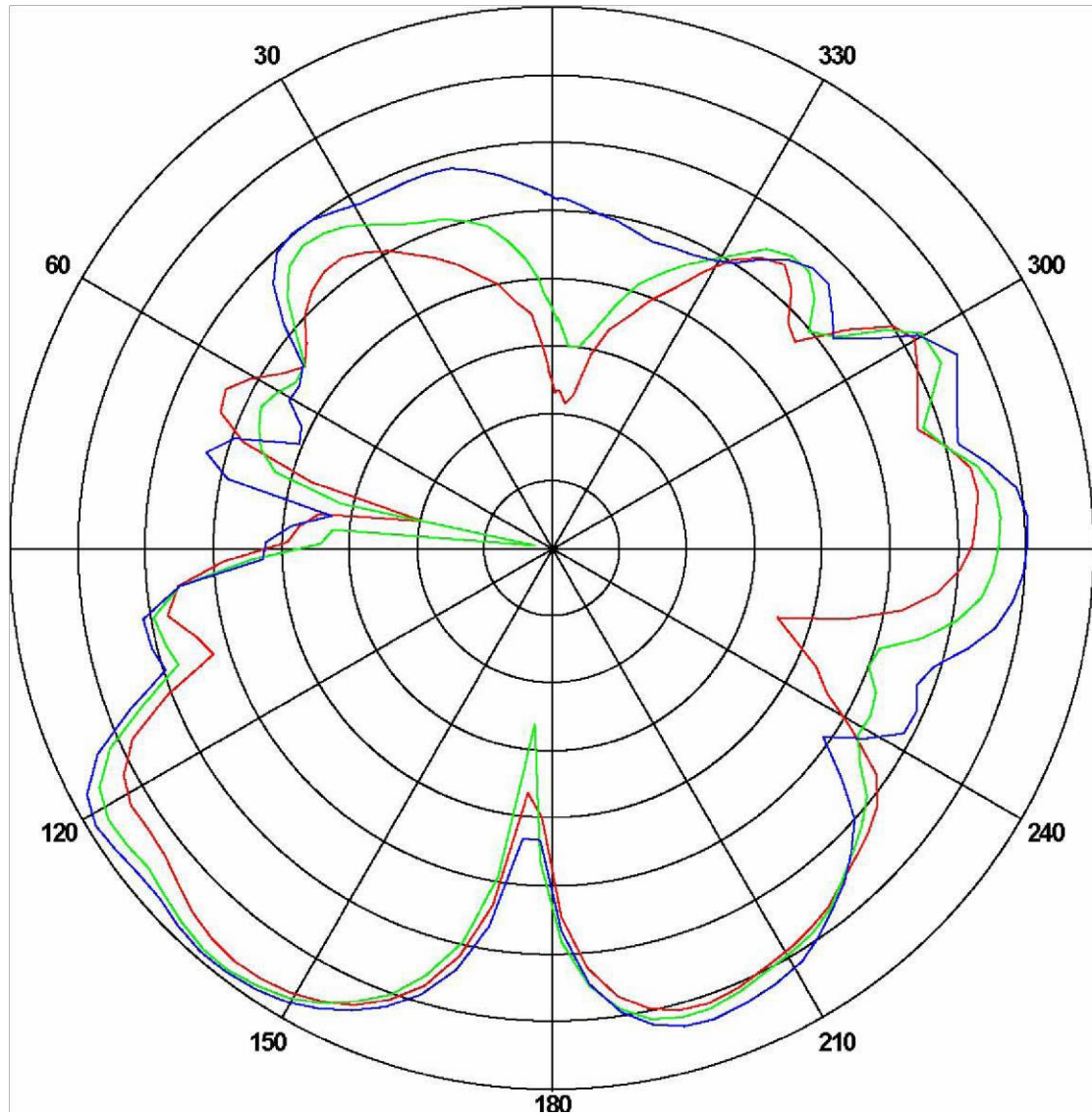
Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

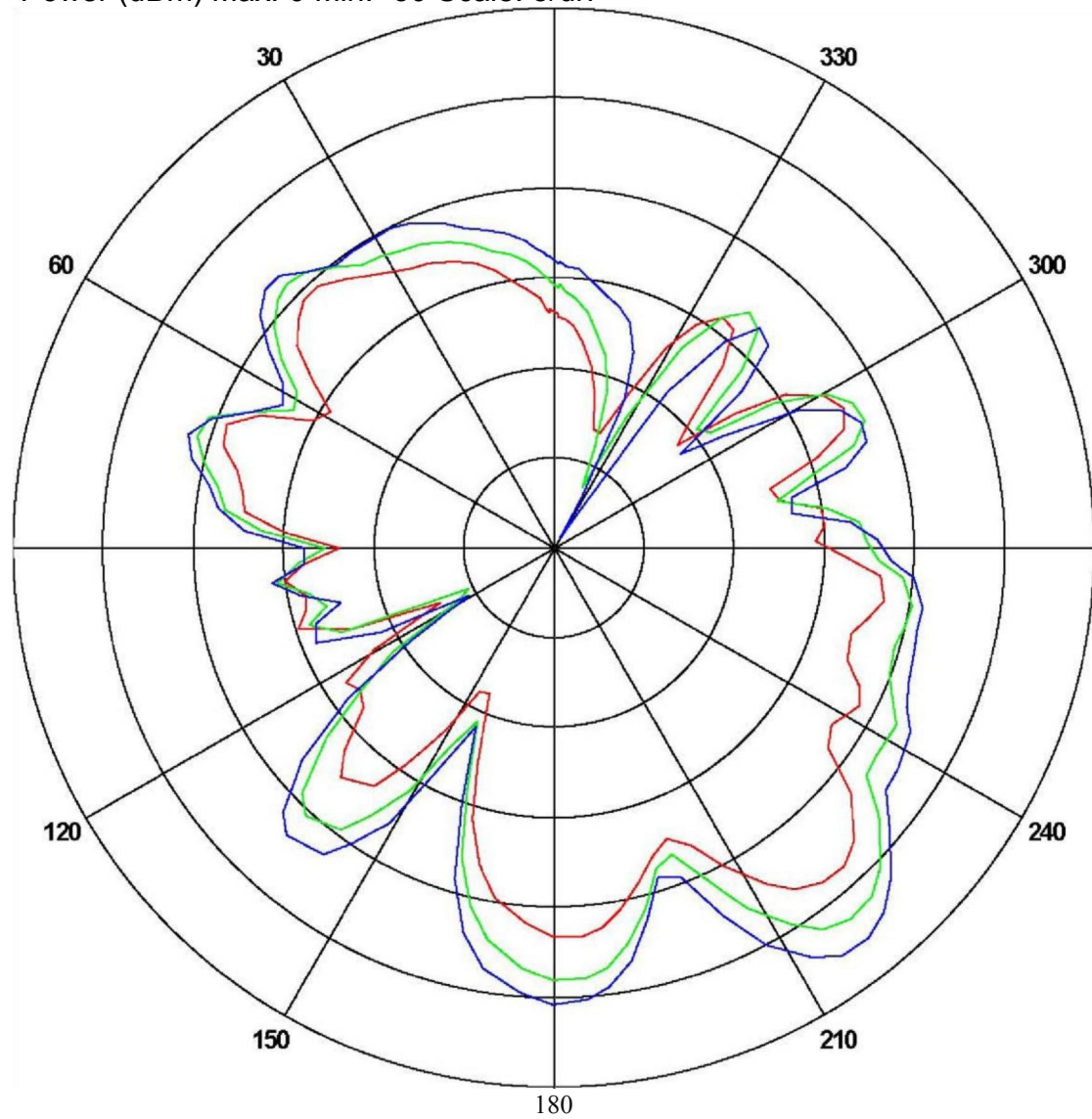
Power (dBm)

Max: 2 Min: -40 Scale: 5/div



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	1.26174	-30.0801	-7.18716
2450	1.95863	-36.5604	-7.48023
2500	2.00245	-22.0315	-6.59127

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

ANT Test Labs: Attestation of Global Compliance Co., Ltd.