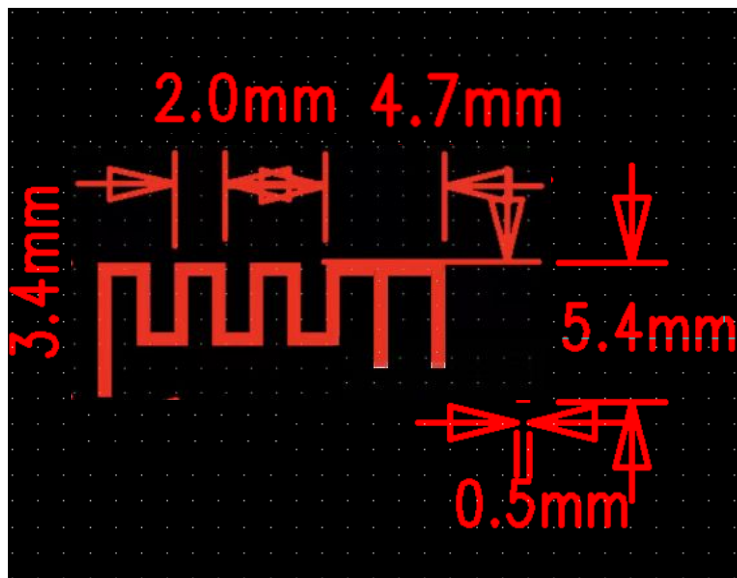


## Antenna describe

Antenna plate	PCB antenna					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2400MHz	2500MHz	2400MHz	2400MHz	2500MHz
	-1.26	-0.76	-0.59	-5.25	-2.46	-1.86
MAX. Gain	-0.59dBi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	38.20mm					

Antenna Photo & Length (mm)

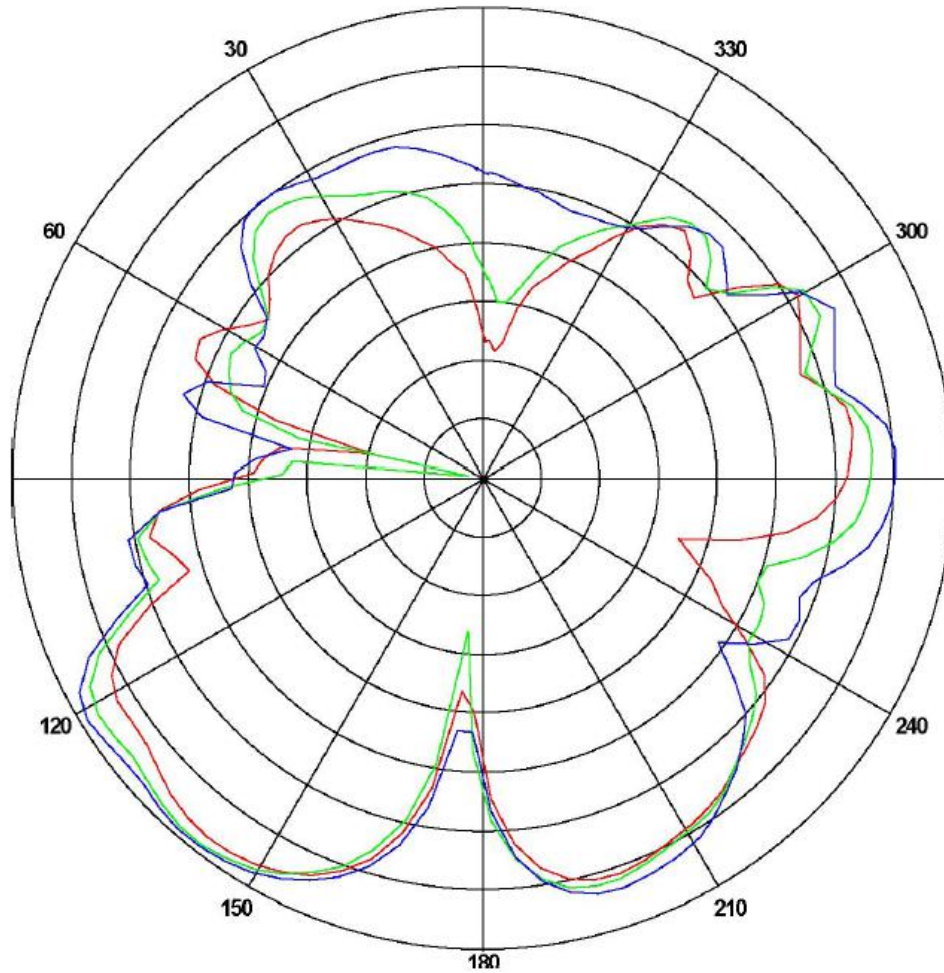


Horizontal: 2400 MHz 2450 MHz 2500 MHz

Shenzhen BIAI Intelligent Life Technology Co., Ltd  
 Unit A2204-a, Chuangxin Square, NO.2007, pingshan avenue  
 Shenzhen, China

Power (dBm)

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

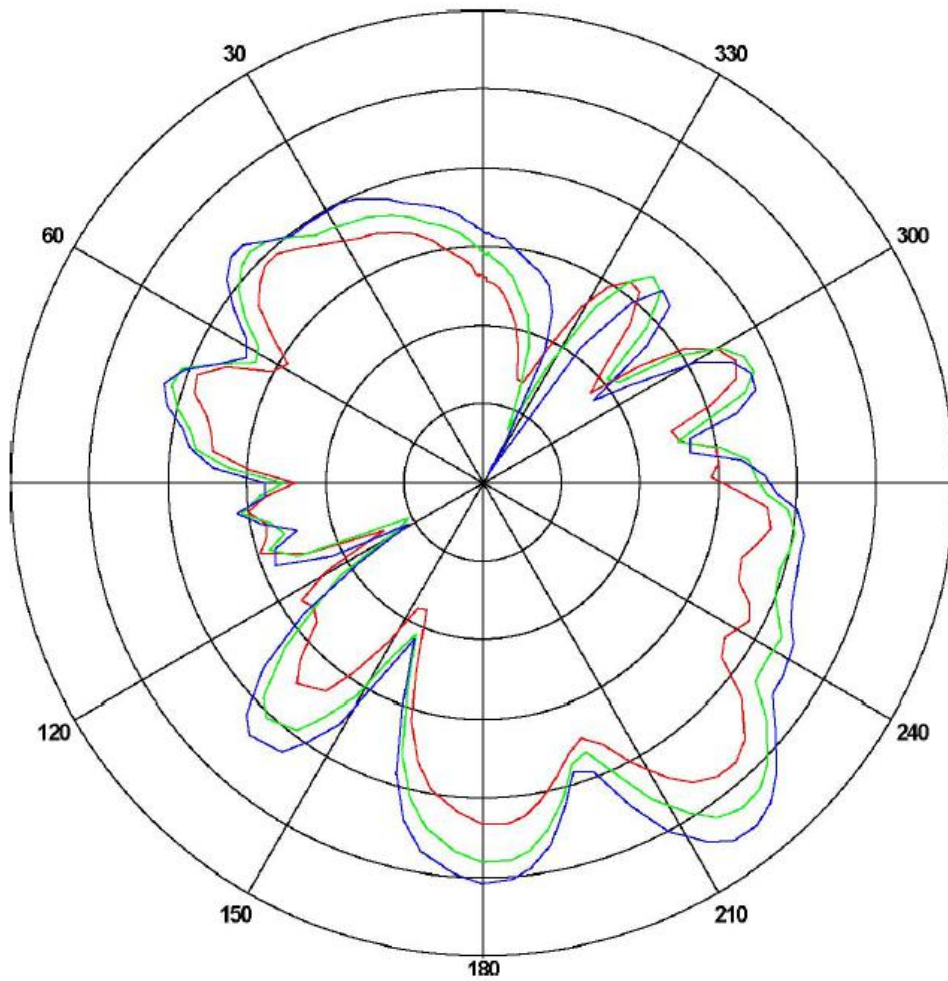


Frequency (MHz)	Gain (dB)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.76580	-36.5604	-7.48023
2500	-0.58558	-22.0315	-6.59127

Vertical: 2400 MHz 2450 MHz 2500 MHz

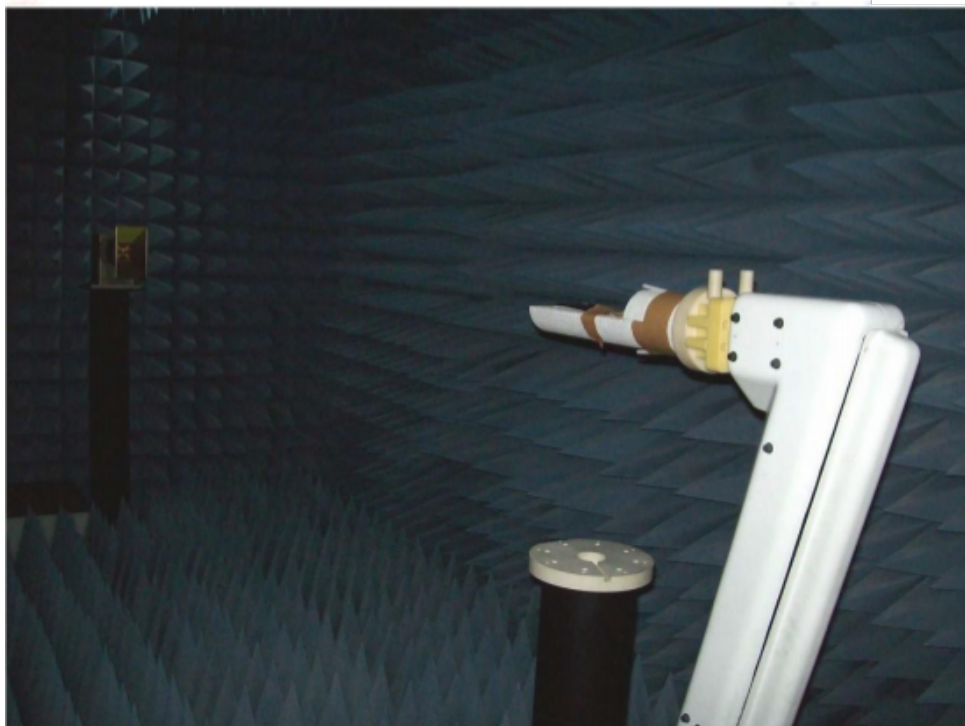
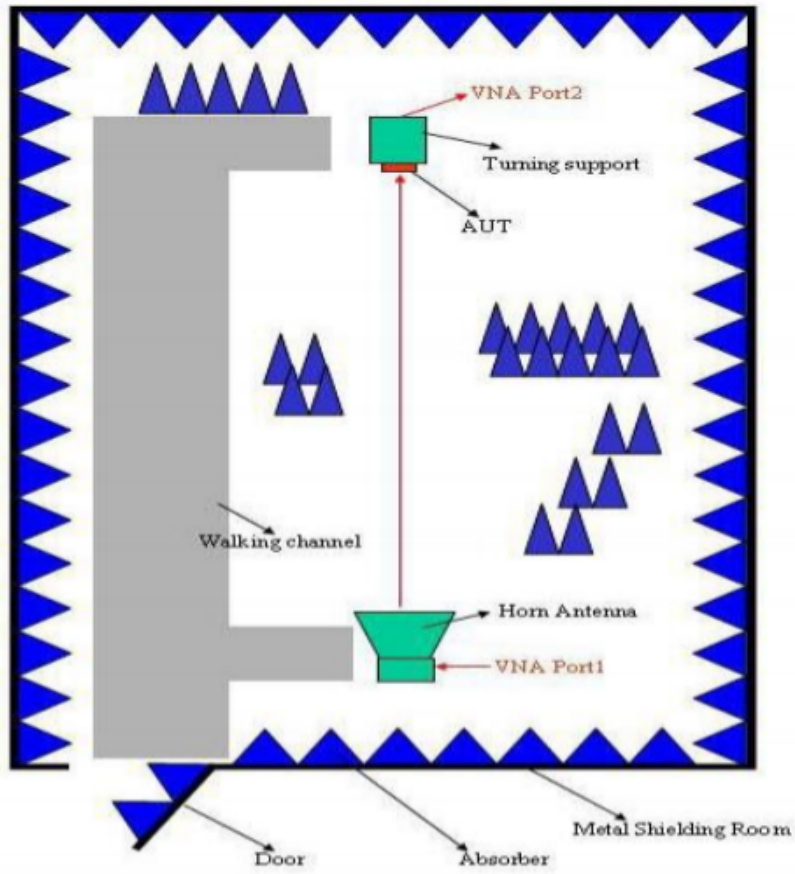
Power (dBm)

Max: 0 Min: -30 Scale: 5/div

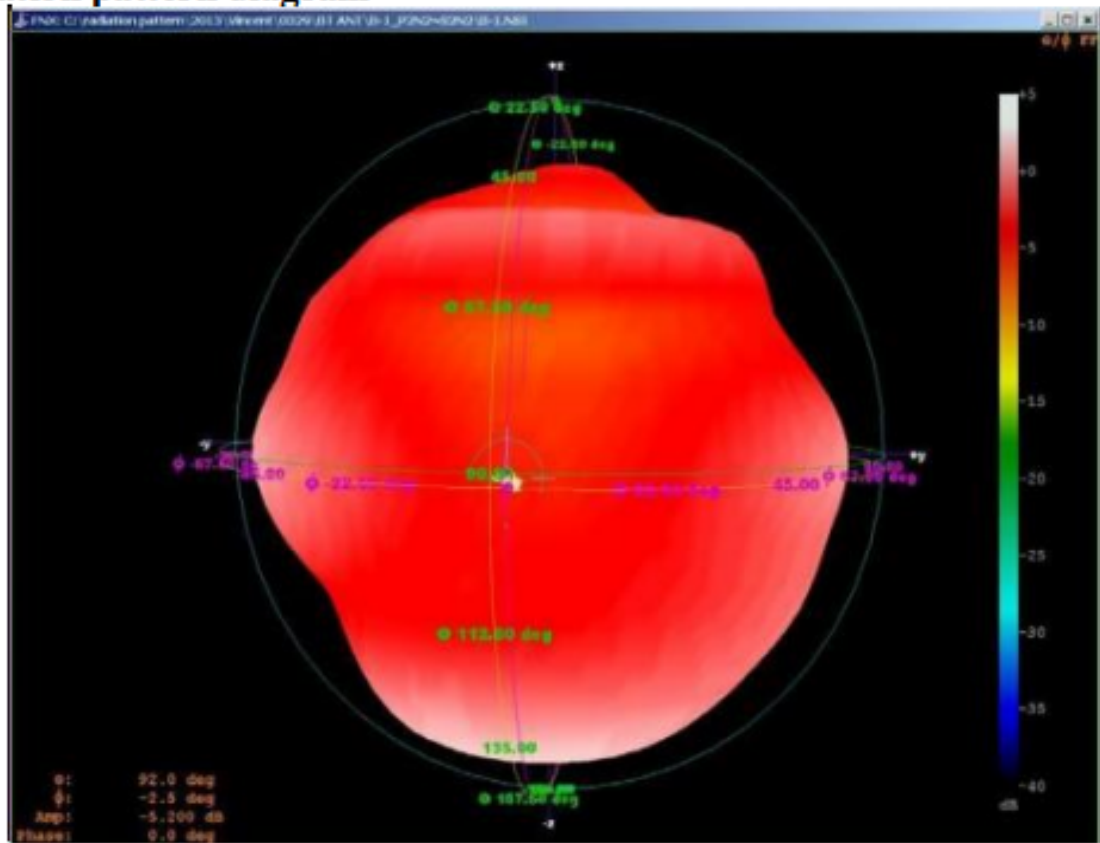


Frequency (MHz)	Gain (dB)		
	Max	Min	Avg
2400	-5.2537	-22.1424	-12.4294
2450	-2.4652	-24.5837	-10.4702
2500	-1.86120	-29.5214	-9.20432

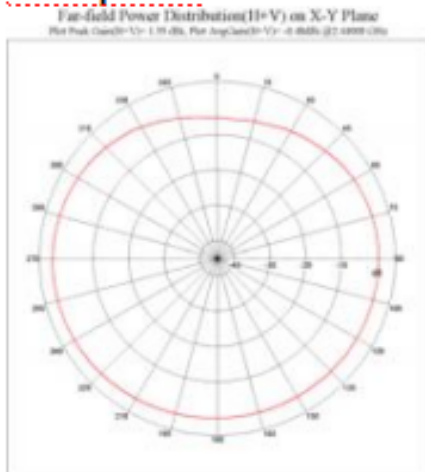
# The Environment of Antenna Radiation Pattern



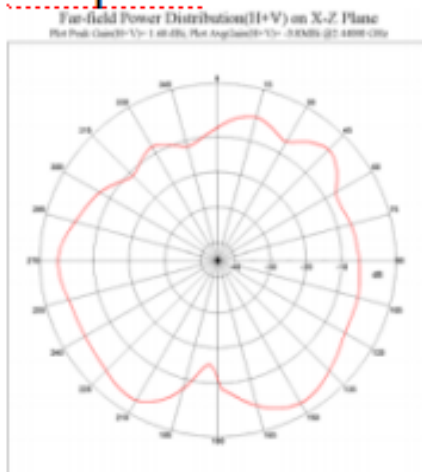
### 3D radiation pattern diagram



### XY-plane



### XZ-plane



### YZ-plane

