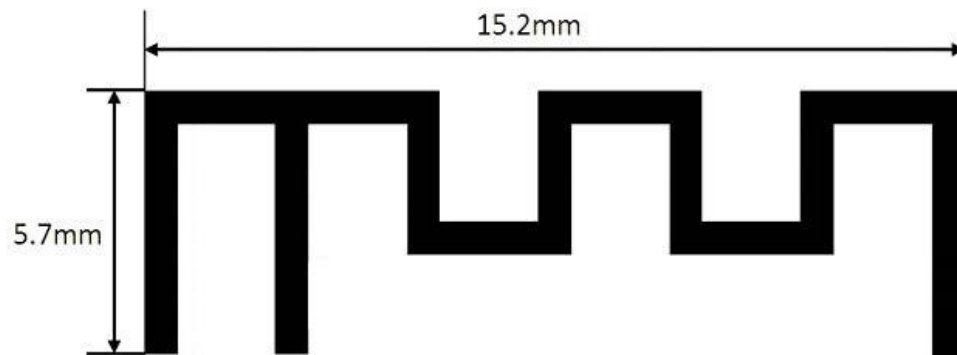


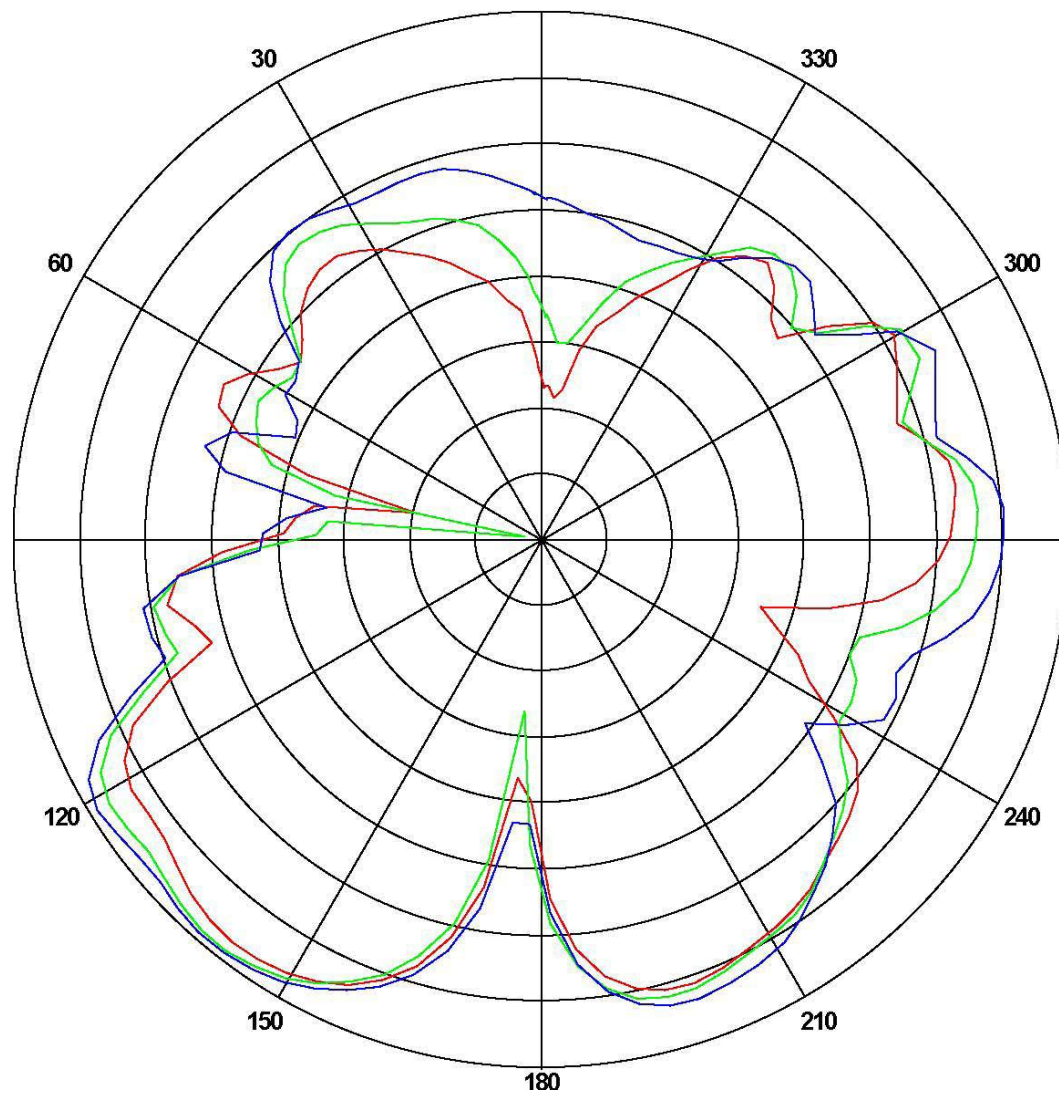
1. Antenna Describe

Antenna plate	PCB antenna
Model Name	S03
Antenna Gain	-0.58 dBi
Frequency Rang	2.4~ 2.5GHz
Connector Type	Fixed
Company Name	Zhuhai Tessen Power Technology Co., Ltd. Building 14, Xiangzhou Chuanggang Center, No.199, Weikang Road, Xiangzhou District, Zhuhai, Guangdong Province, China

2. PCB antenna size:



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

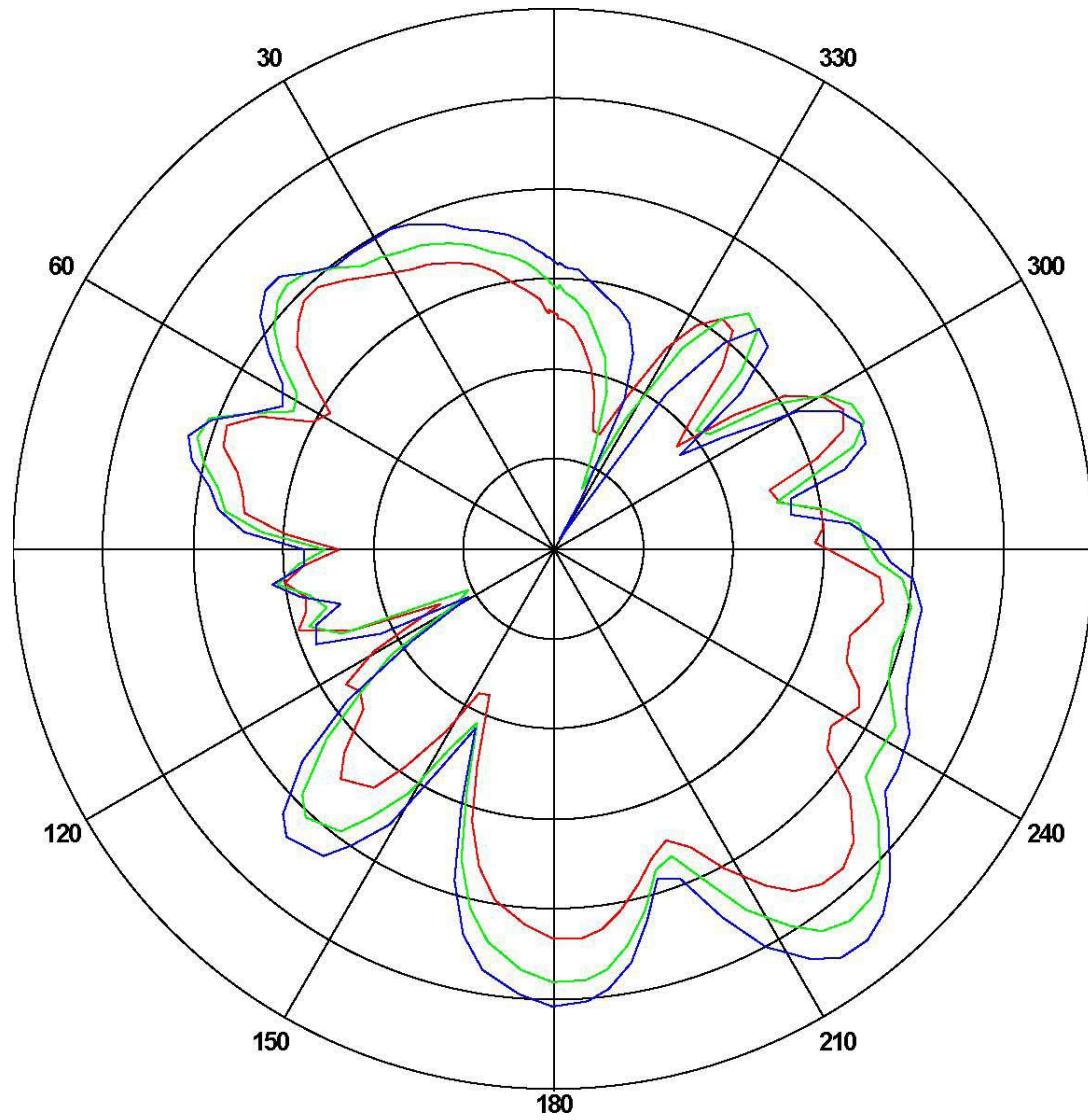


Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.765802	-36.5604	-7.48023
2500	-0.585582	-22.0315	-6.59127

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