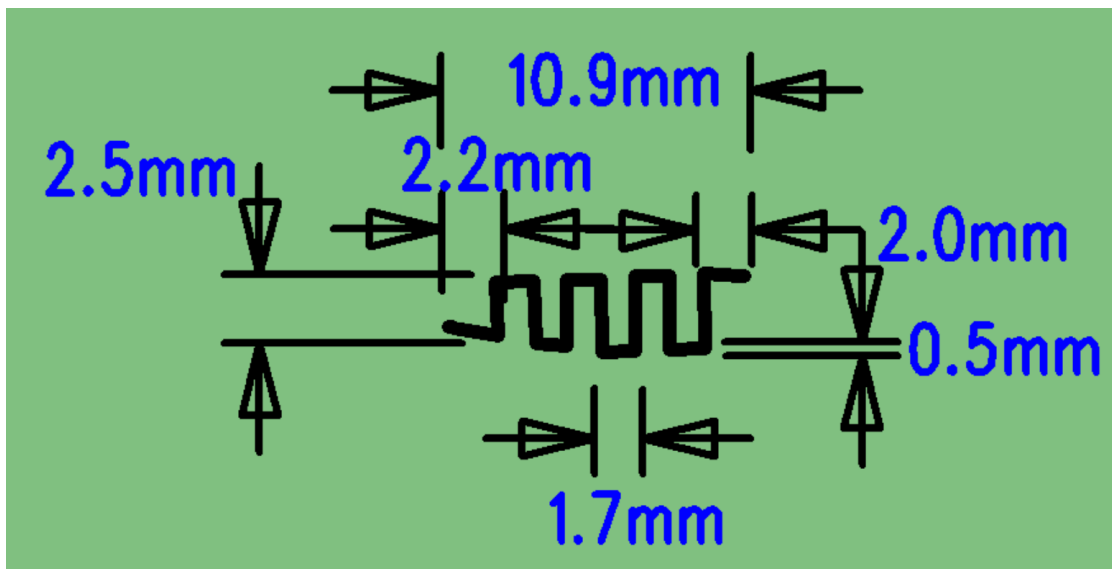


Antenna Specification

1. Summary

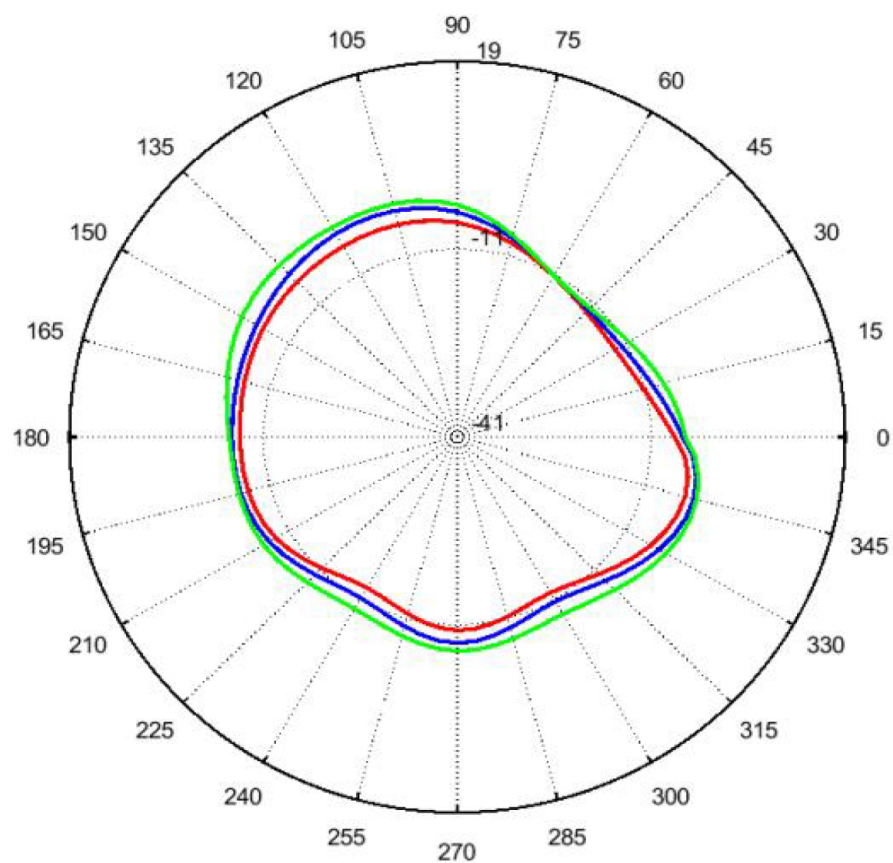
Manufacturer	Shenzhen Shunseng Precision Electronics Co., Ltd.
Address	No.8, Third Floor, Huangtian Industrial Park, Xixiang, Bao'an, Shenzhen, Guangdong Province, China
Model	SX-133
Frequency Range	2400 – 2500 MHz
SVWR	≤ 2.00
Typical Antenna Gain	Maximum Gain is 2.00dBi
Antenna Type	PCB Antenna
Impedance	50 Ohm
Radiation	OMNI
Polarization	Linear

2. Antenna Dimension



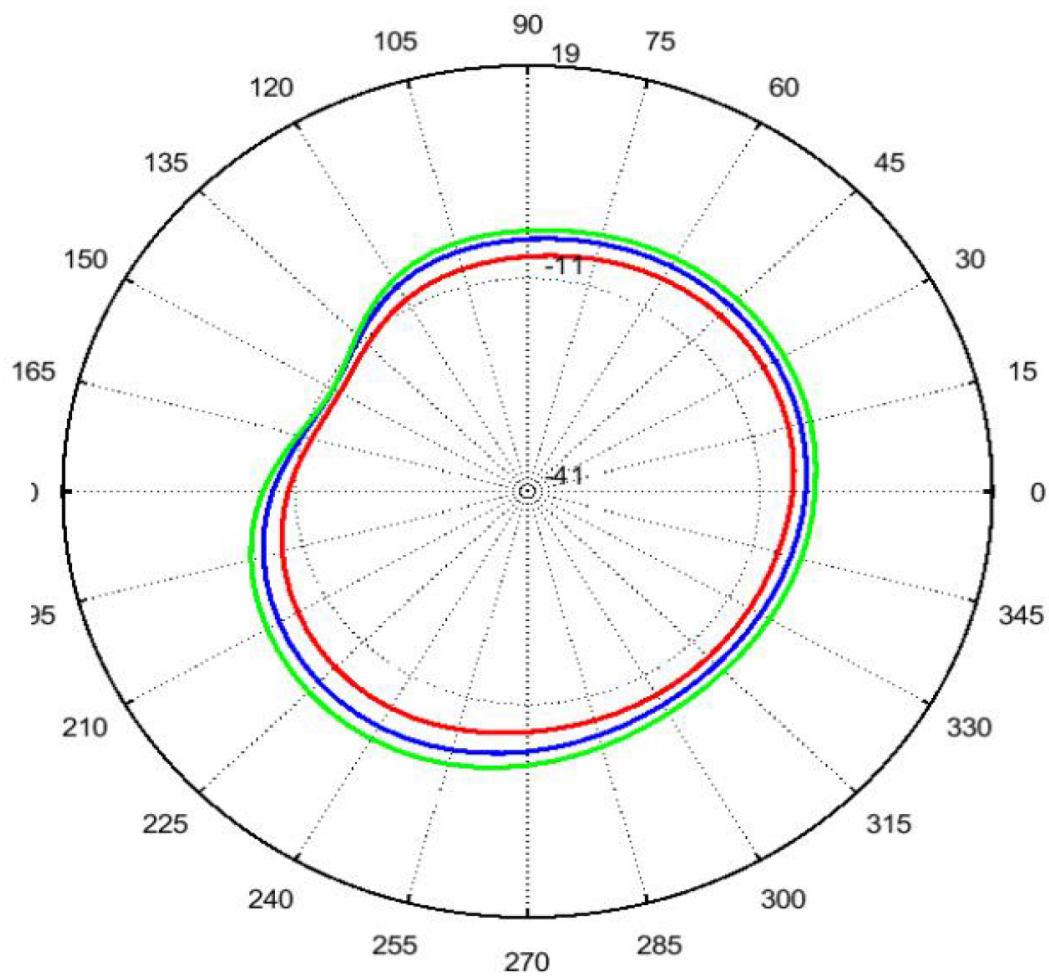
3. Antenna Gain and Efficiency

Vertical:2.40GHz 2.45GHz 2.50GHz



Frequency	Gain(dB)		
	MAX	MIN	AVG
2.40GHz	-5.16	-33.68	-8.02
2.45GHz	-2.23	-29.53	-6.54
2.50GHz	2	-28.02	-5.23

Horizontal:2.40GHz 2.45GHz 2.50GHz



Frequency	Gain(dB)		
	MAX	MIN	AVG
2.40GHz	-4.12	-30.52	-7.08
2.45GHz	-3.81	-31.53	-5.1
2.50GHz	-2.71	-12.9	-3.82