



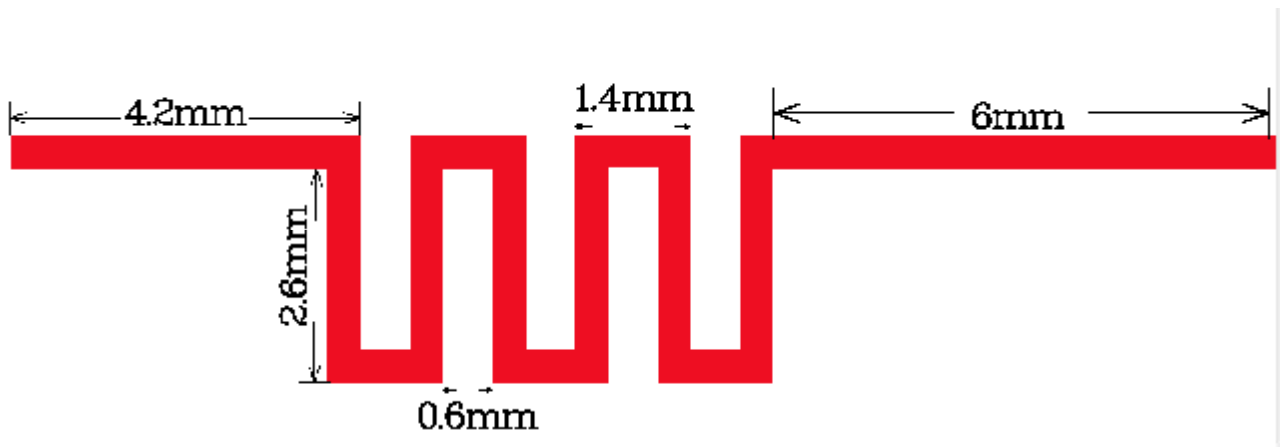
ANTENNA SPECIFICATION

Specifications

Summary

ITEM	SPEC.					
Model Name	D1186C9Z					
Center Frequency	Horizontal			Vertical		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
	-1.66	-0.84	-0.61	-6.16	-3.65	-2.21
MAX. Gain	-0.61					
Polarization	Horizontal and Vertical					
Type of Antenna	PCB Antenna					
Impedance	50 Ohm					
Antenna Length	32.8mm					
Manufacture	Shenzhen Loyal Electronics Co., Ltd					
Address	No.5, First Industry Park, Shanmen Songgang, Baoan, Shenzhen, Guangdong, China					

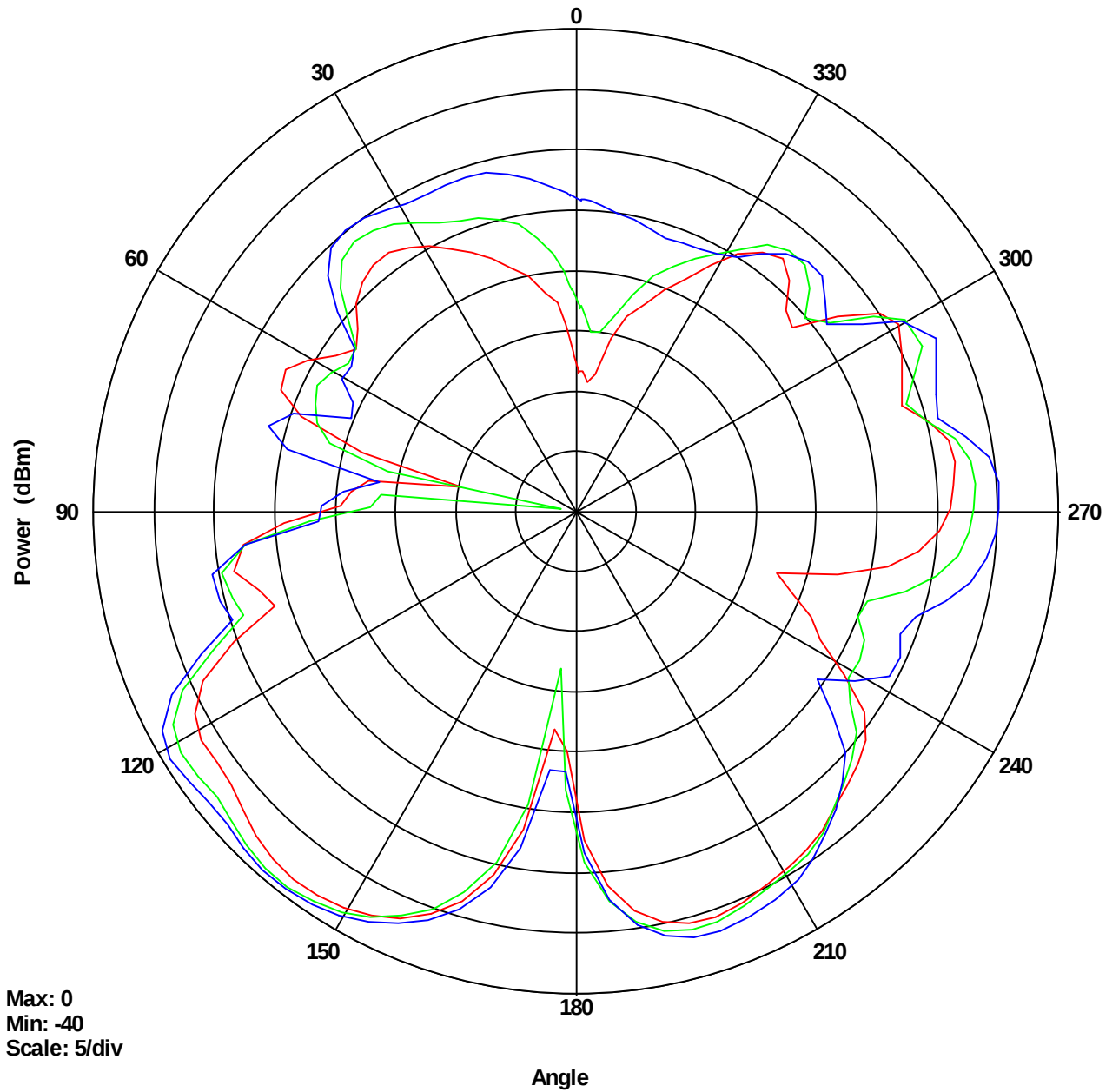
Antenna Photo & Length (mm)



Horizontal:



2400 MHz 2450 MHz 2500 MHz

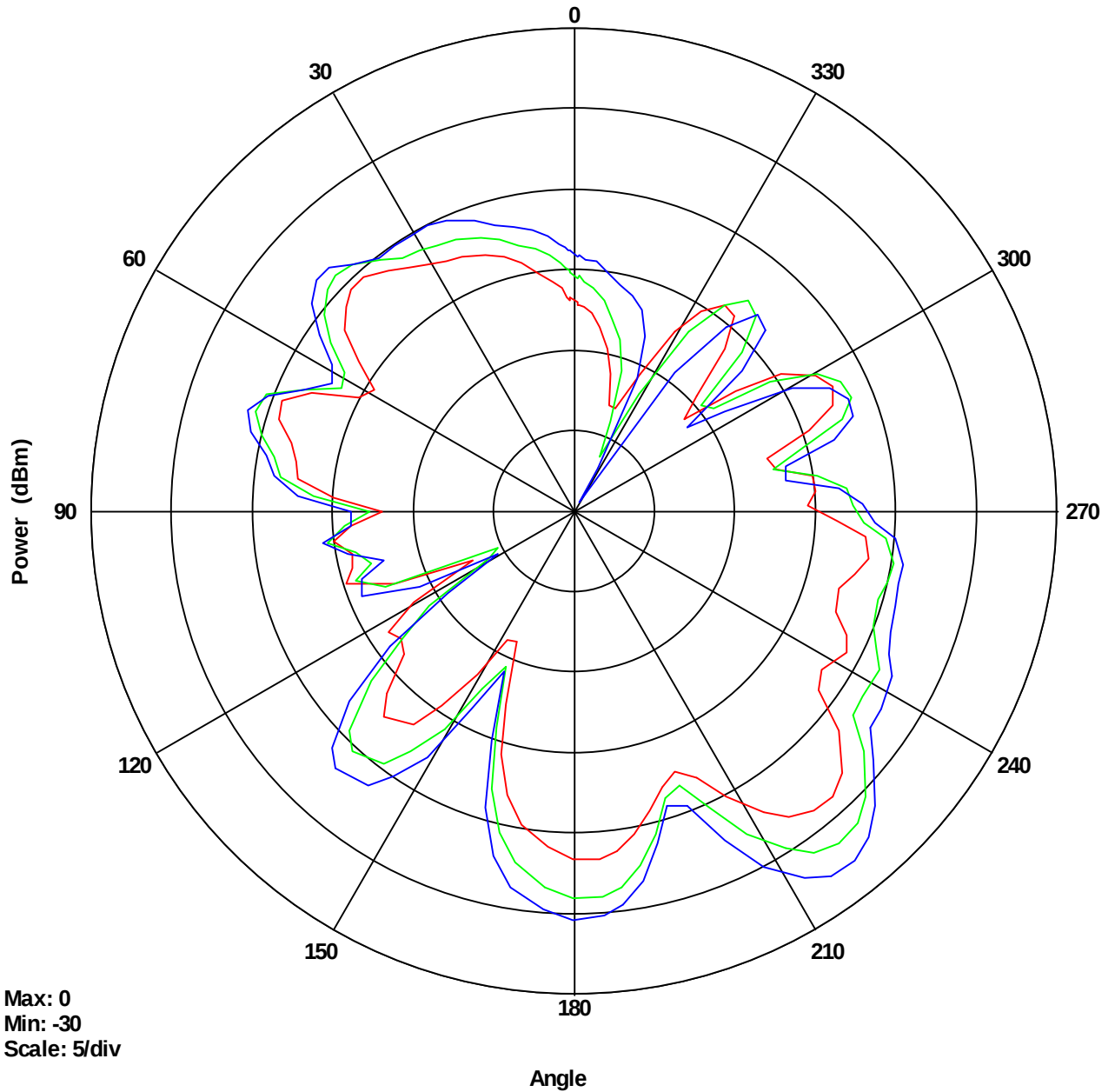


Frequency (MHz)	Gain(dBi)		
	Max.	Min.	Avg.
2400	-1.66179	-30.2813	-8.78713
2450	-0.847811	-38.7595	-7.87812
2500	-0.615596	-23.6329	-6.99139



Vertical:

2400 MHz 2450 MHz 2500 MHz



Frequency (MHz)	Gain(dBi)		
	Max.	Min.	Avg.
2400	-6.1623	-23.1425	-12.5295
2450	-3.6534	-26.2866	-10.6699
2500	-2.21101	-29.4381	-9.58526