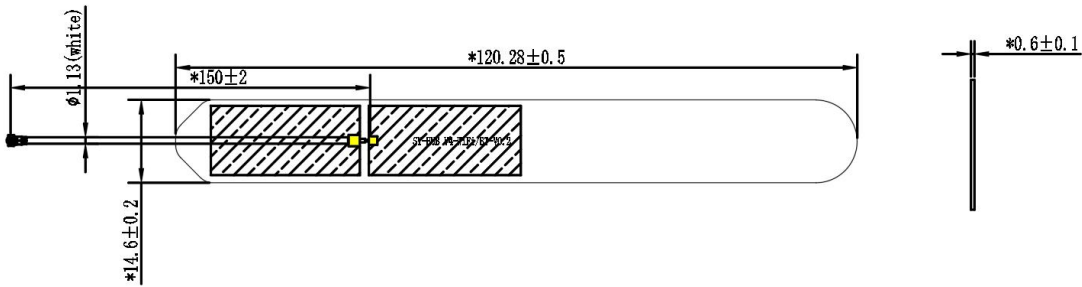


ANTENNA SPECIFICATION

Summary

ITEM	ANT SPEC					
Model Name	ANT-2.4GWIFI&BLE					
Antenna plate	External antenna					
Center Frequency	Horizontal			Vertical		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
	-2.68	2.07	-1.65	-2.66	-1.95	-1.2
MAX. Gain	2.07					
Polarization	Horizontal and Vertical					
Impedance	50 Ohm					
Manufacture	SUNNYWAY TECHNOLOGY(CHINA)Co.,LTD.					

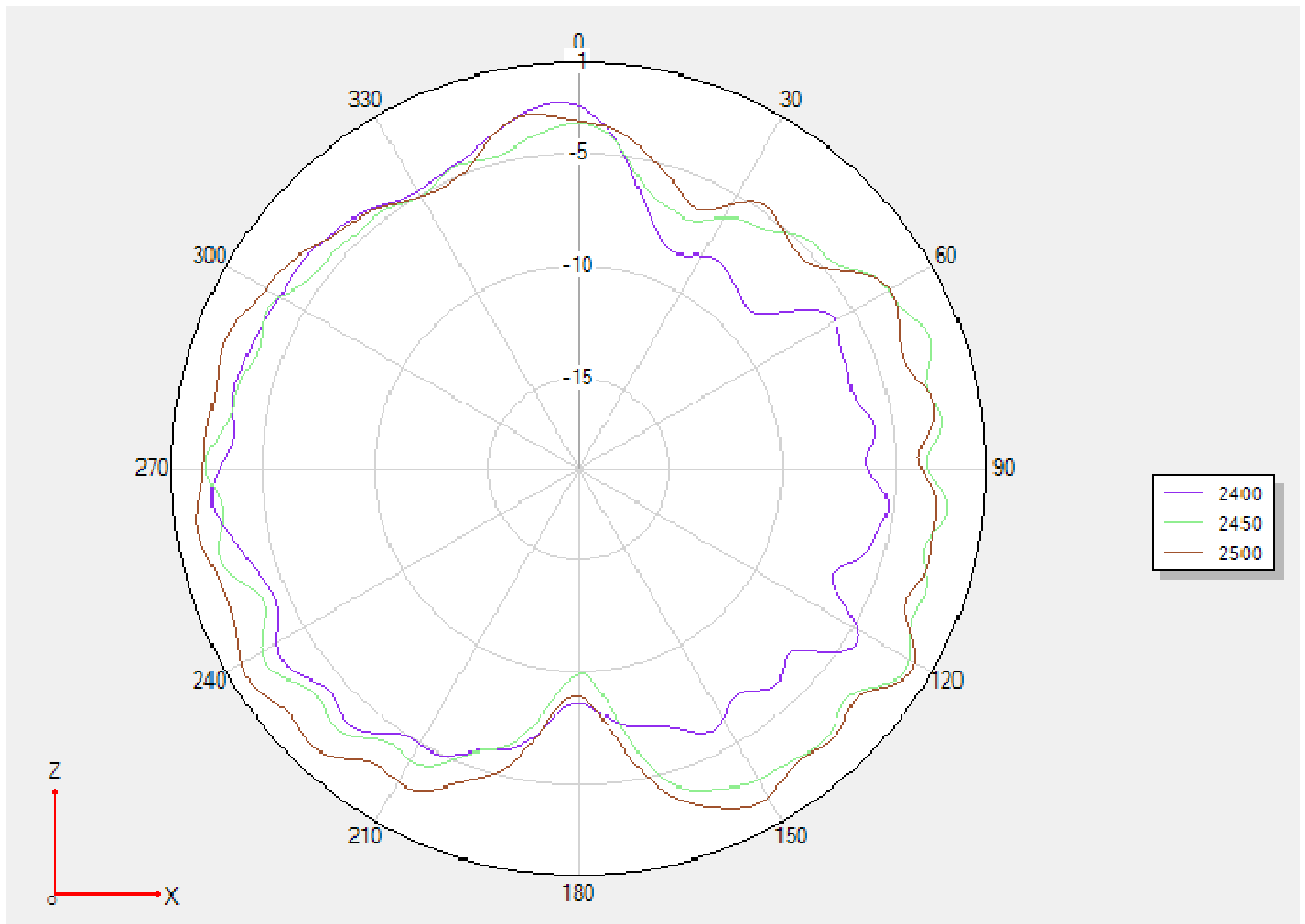
Antenna Length (mm)



Horizontal: 2400MHz 2450MHz 2500 MHz

Power (dBm)

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

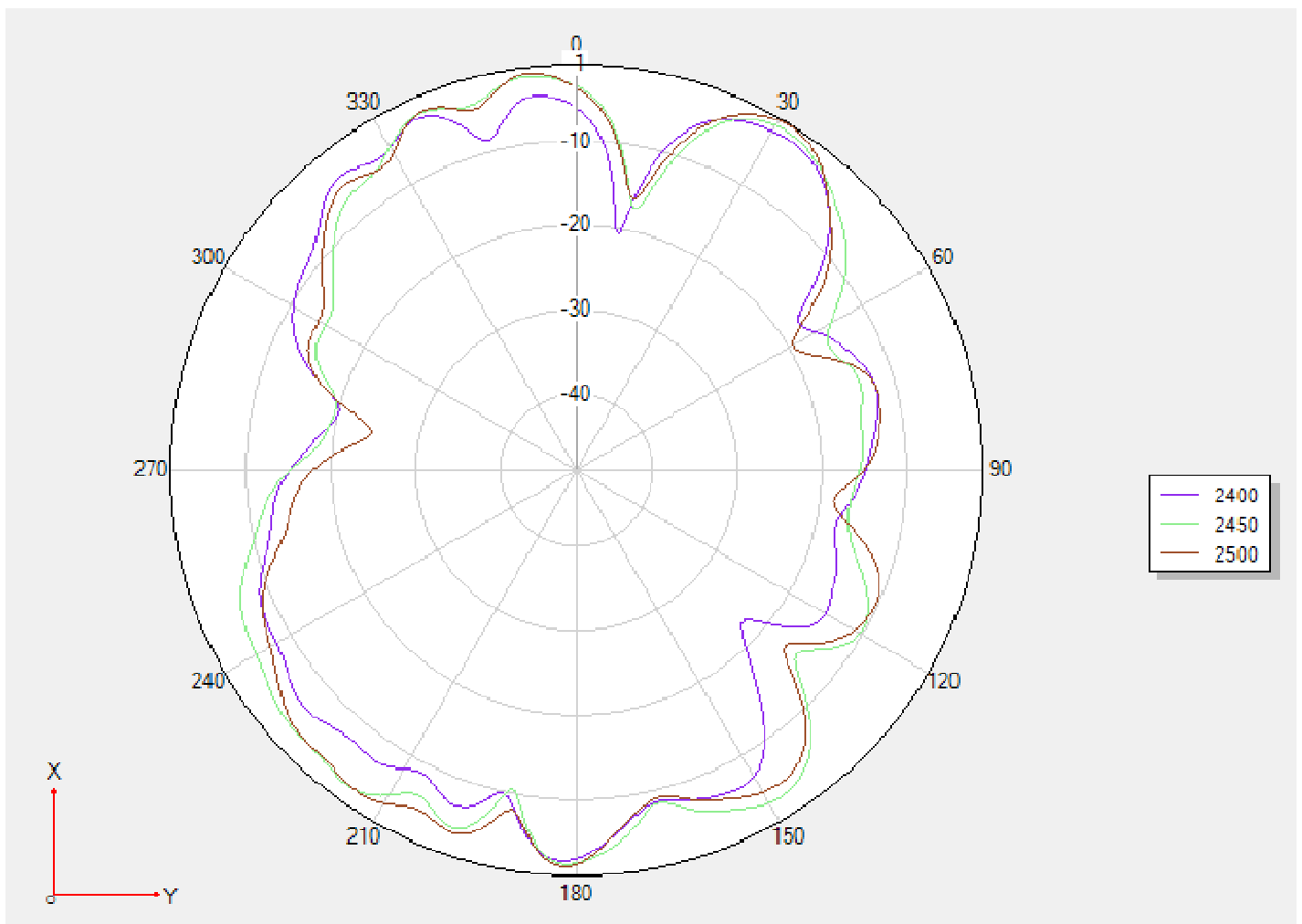


Frequency (MHz)	Gain(dBi)		
	Max.	Min	Avg.
2400	-2.68	-8.73	-5.27
2450	2.07	-9.9	-4.12
2500	-1.65	-8.97	-3.6

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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



Frequency (MHz)	Gain(dBi)		
	Max.	Min	Avg.
2400	-2.66	-22.45	-9
2450	-1.95	-19.59	-7.53
2500	-1.2	-24.26	-7.78