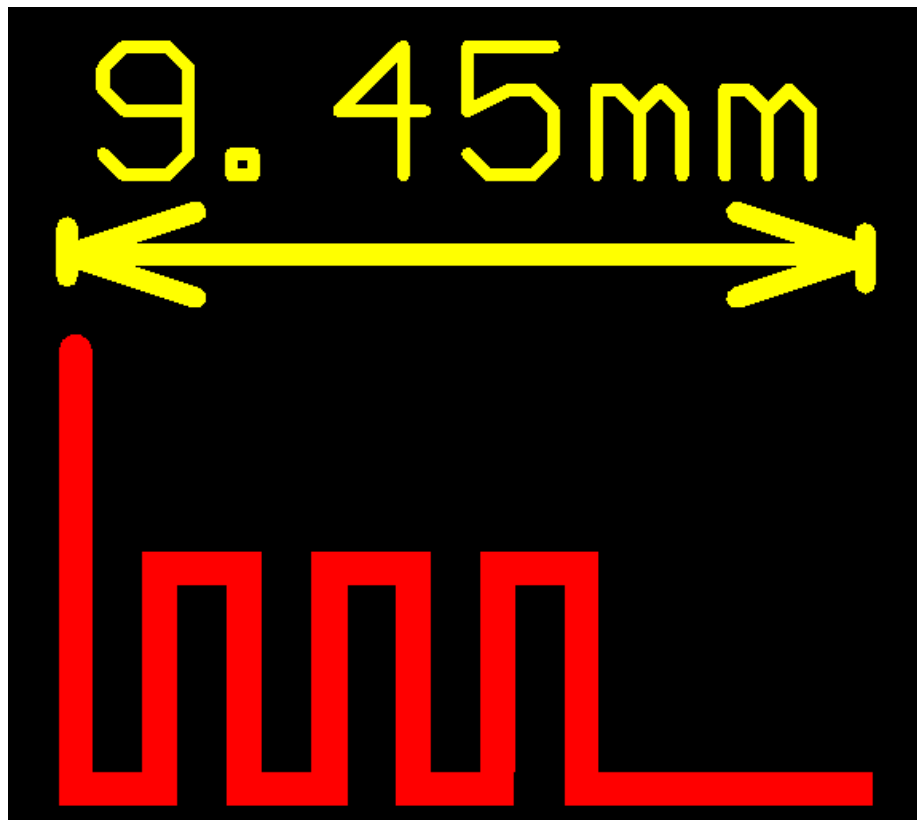


ANTENNA SPECIFICATION

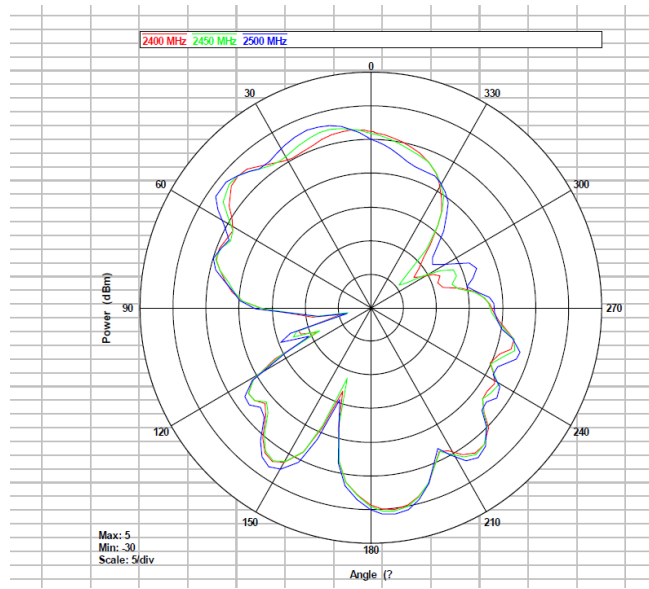
Summary

ITEM	Keyboard ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
	-0.09	-0.94	-0.52	-15.4	-14.3	-14.2
MAX. Gain	-0.09					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	30.28mm					
Manufacture	DONGGUAN SHUO CHUANG ELECTRONICS CO LTD					
Address	124 Jinshan Road, Chashan Town, Dongguan City, Guangdong Province					
Antenna Type	PCB Antenna					

Antenna Photo & Length (mm)

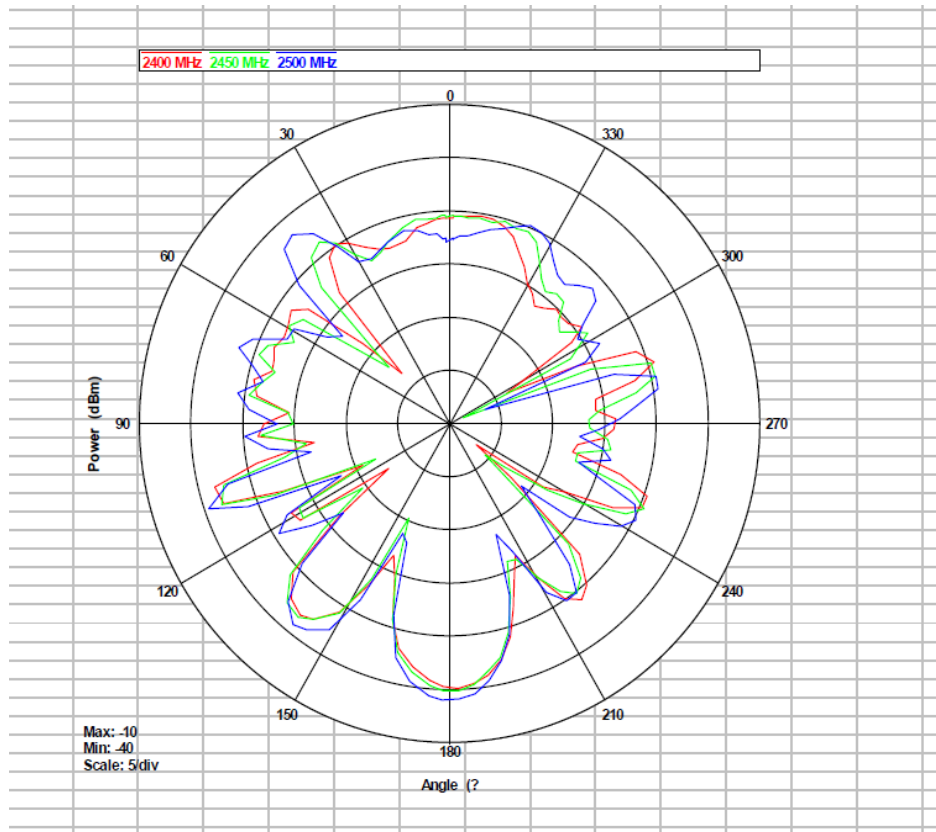


Horizontal: 2400 MHz 2450 MHz 2500 MHz
 Power (dB)



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-0.09	-25.43	-5.88
2450	-0.94	-26.35	-5.75
2500	-0.52	-26.33	-5.37

Vertical: 2400 MHz 2450 MHz 2500 MHz
 Power (dB)



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-15.4	-36.9	-21.2
2450	-14.3	-38.5	-19.9
2500	-14.2	-36.6	-20.3