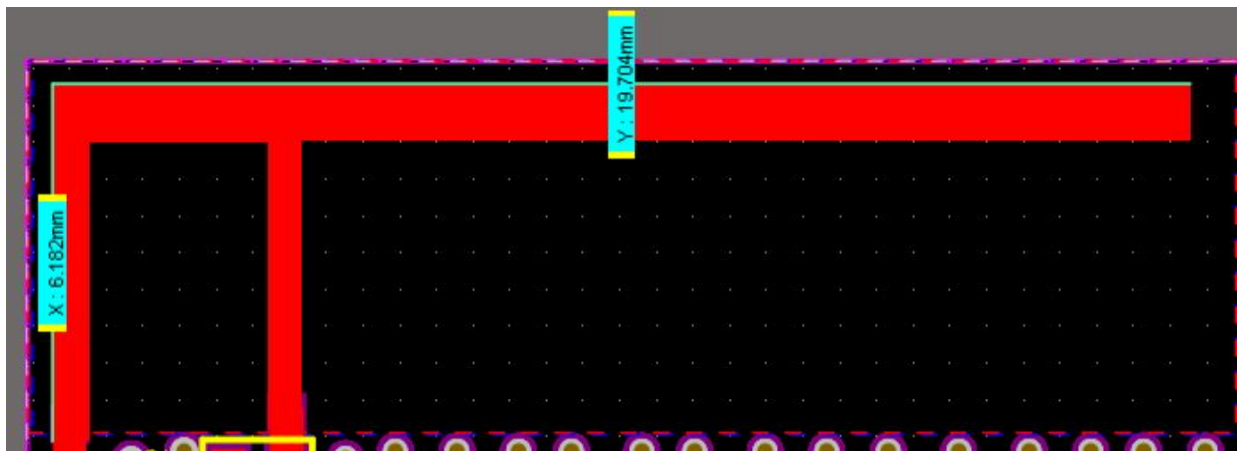


TK52A ANTENNA SPECIFICATION

Summary

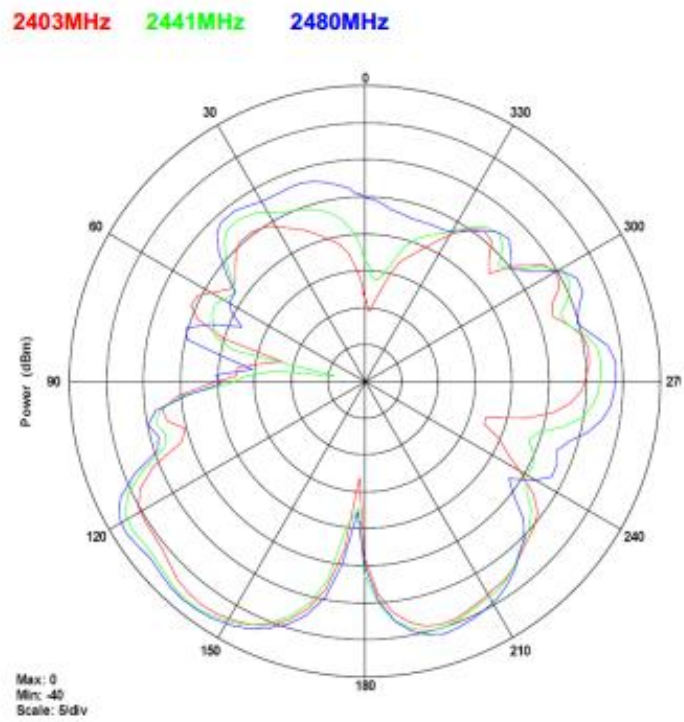
ITEM	Keyboard ANT SPEC					
Model Name						
Center Frequency	Horizontal			Vertical		
	2403MHz	2441MHz	2480MHz	2403MHz	2441MHz	24800MHz
	-3.47	-3.20	-2.65	-7.3	-5.9	-4.5
MAX. Gain	-2.65dbi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	14.5mm					
Manufacture	DONGGUAN SHUO CHUANG ELECTRONICS CO LTD					
Address	Room 301, Building 2, No.124 Jinshan Road, Chashan Town, Dongguan City, Guangdong Province, P.R.China					

Antenna Photo & Length (mm)



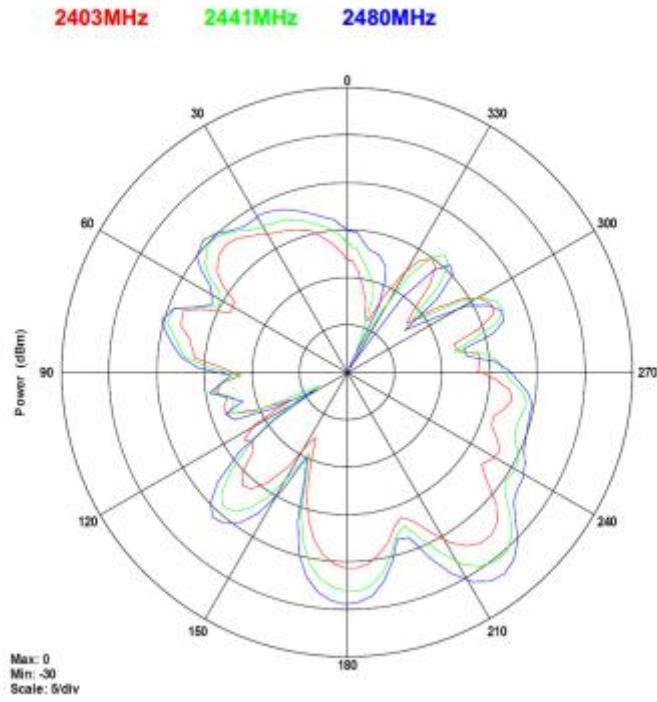
Horizontal: 2403 MHz 2441 MHz 2480 MHz

Power (dBm)



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2403	-3.47	-28.52	-9.85
2441	-3.20	-36.42	-8.68
2480	-2.65	-24.45	-7.35

Vertical: 2403 MHz 2441 MHz 2480 MHz



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2403	-7.3	-24.6	-13.4
2441	-4.9	-27.6	-11.8
2480	-3.5	-29.4	-12.5