



Bluetooth Antenna
specification&Test report

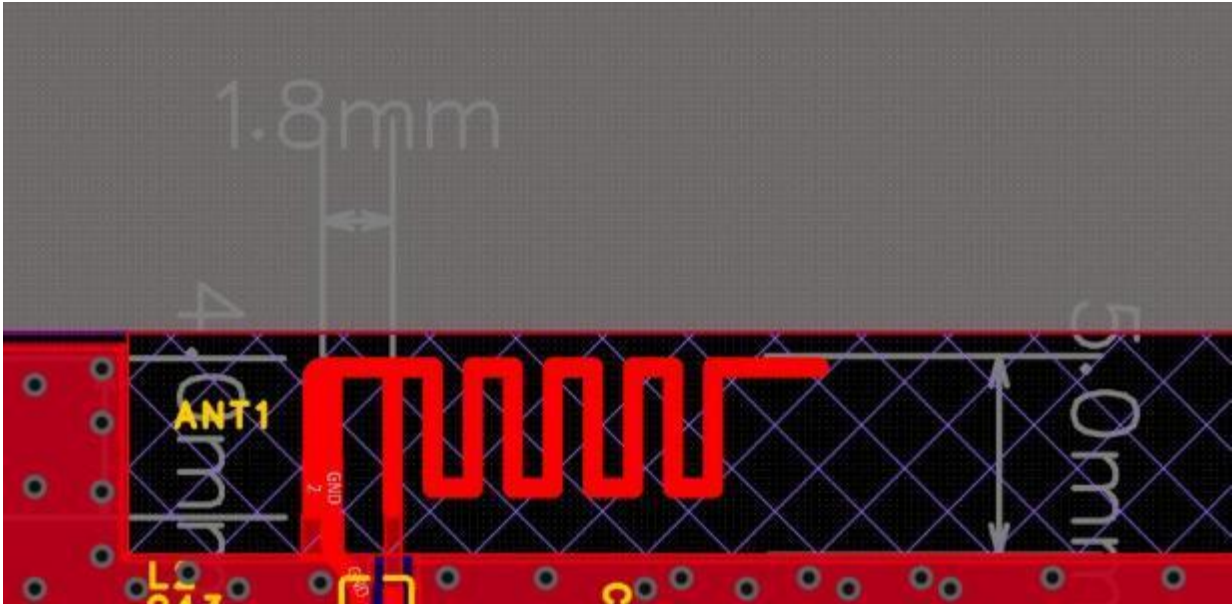
Yichip Microelectronics

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Test Ccompany	TA Technology (Shanghai) Co., Ltd.
Test Address	Building 1, No. 400, Fangchun Road, China (Shanghai) Pilot Free Trade Zone
Test Date	2020/7/24
Test Instrument	Keysight E5071B
Product Model	PCB antenna
Manufacturer	Feijin Circuit (Dongguan) Co., Ltd.

antenna design specification

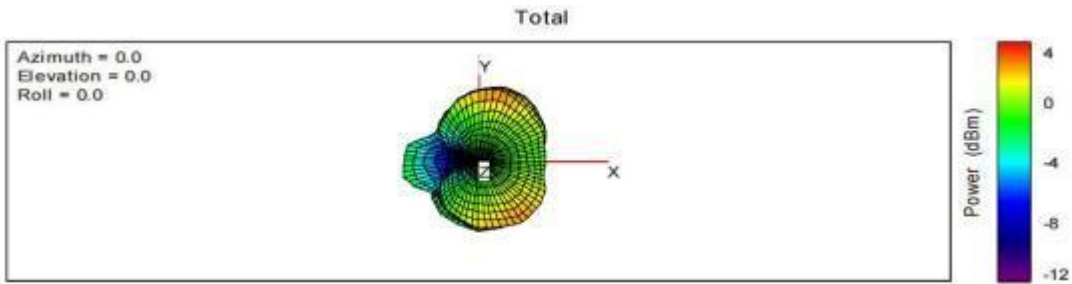
Antenna dimensions as blow picture show: the material is FR4 and the thickness is 1.2mm of PCB.



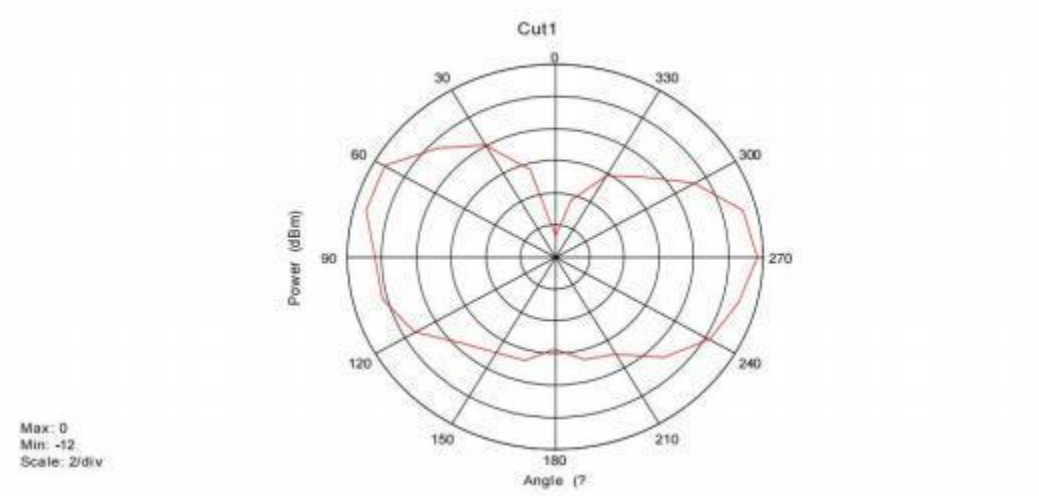
Gian and Efficiency

Frequency (MHz)	Efficiency(%)	Gain(dBi)
2400	53.31	-1.52
2420	63.69	0.20
2440	66.14	0.87
2460	64.61	1.04
2480	63.93	1.30
2500	65.00	1.66

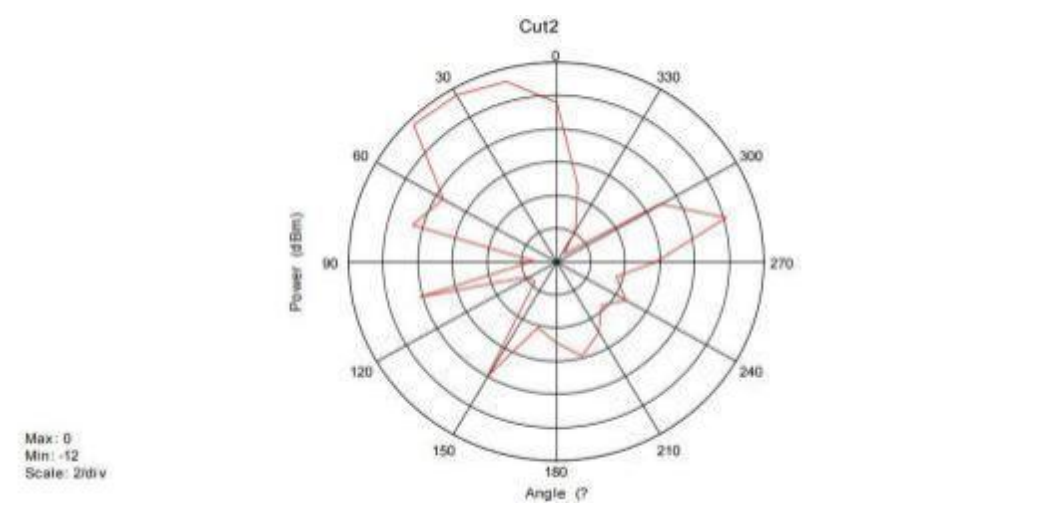
3D and 1D Radiation Patterns



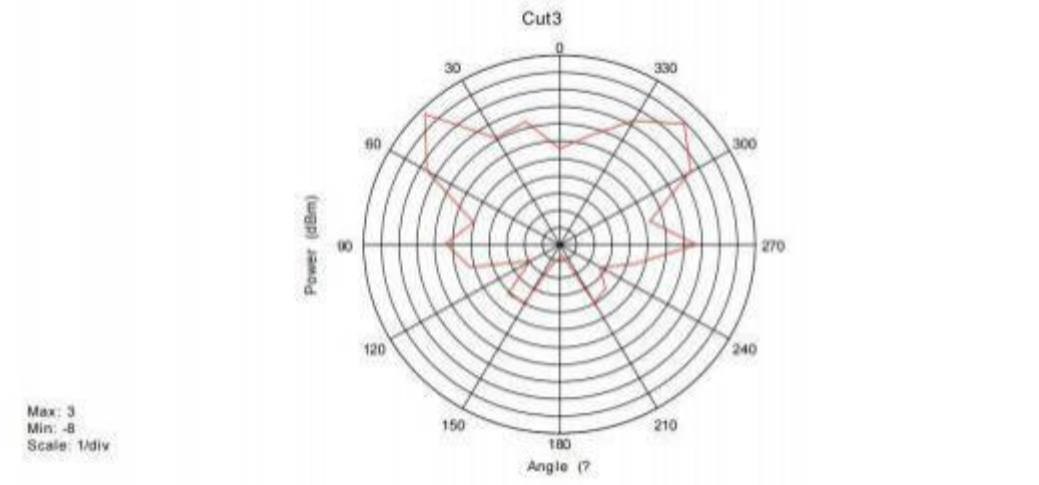
2D Radiation Patterns
Freq = 2.44GHz



X-Y



X-Z



Y-Z