



Bluetooth Antenna specification&Test report

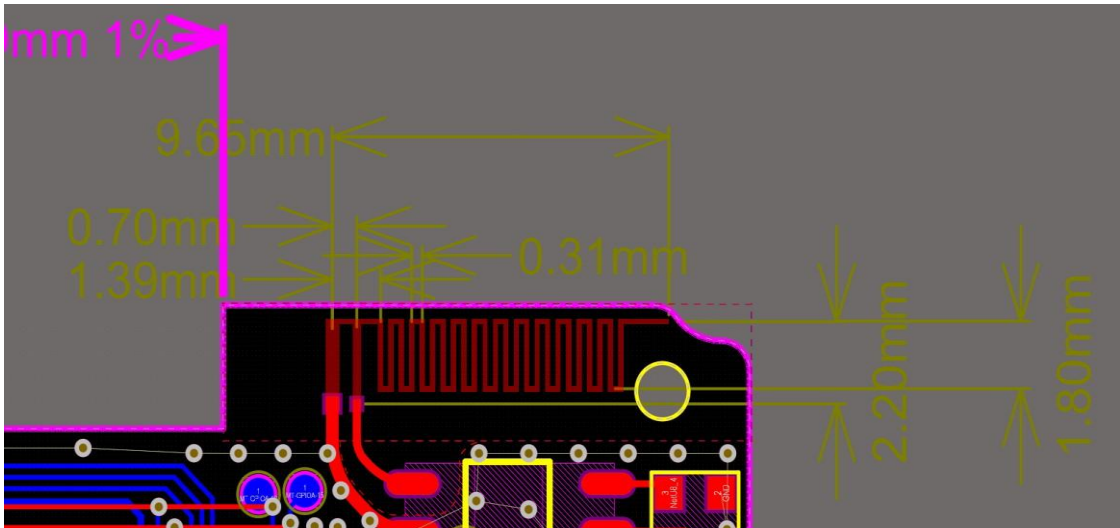
Yichip Microelectronics

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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

antenna design specification

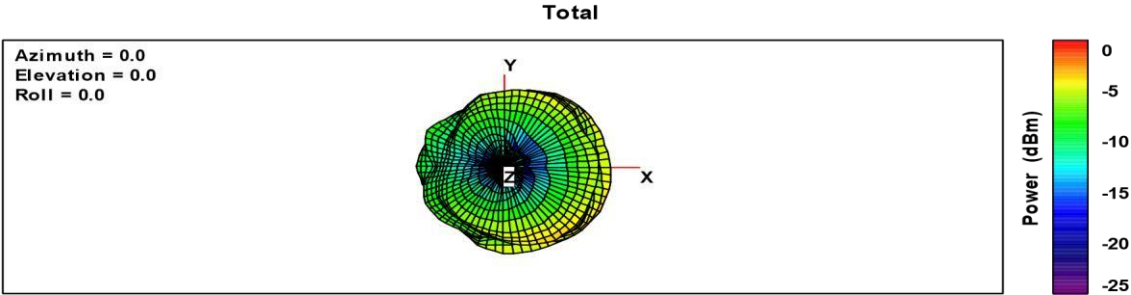
Antenna dimension show as the picture blow, 0.8mm of FR4 epoxy with 2 layers of 0.035mm copper.



Gian and Efficiency

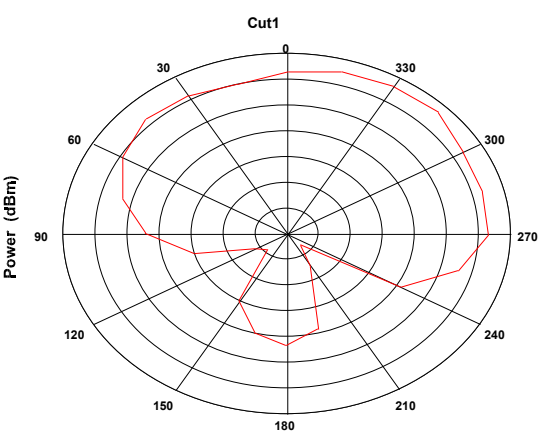
Frequency (MHz)	Efficiency(%)	Gain(dBi)
2402	14.86	-0.93
2420	12.54	-1.17
2440	9.92	-2.03
2460	7.46	-2.47
2480	6.11	-2.98

3D and 1D Radiation Patterns



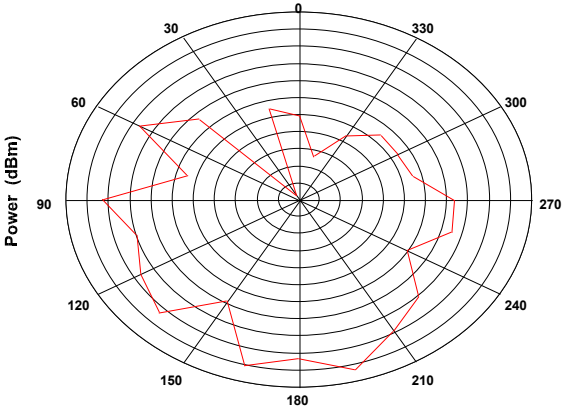
2440M TRP 1

Max: -2
Scale: 2/div Min: -16



Angle (?)

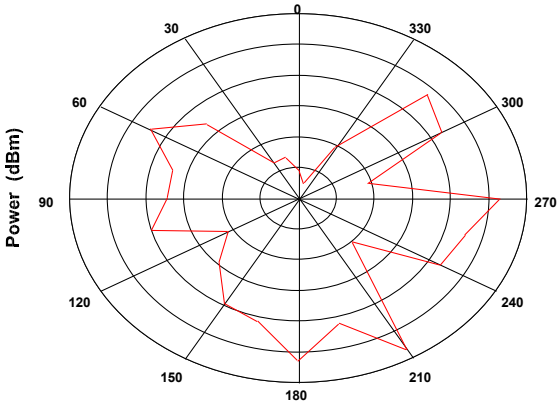
Cut2



Max: 0 Min: -22
Scale: 2/div

Angle (?)

Cut3



Max: -2 Min: -14
Scale: 2/div

Angle (?)