

2.4G Antenna specification&Test report

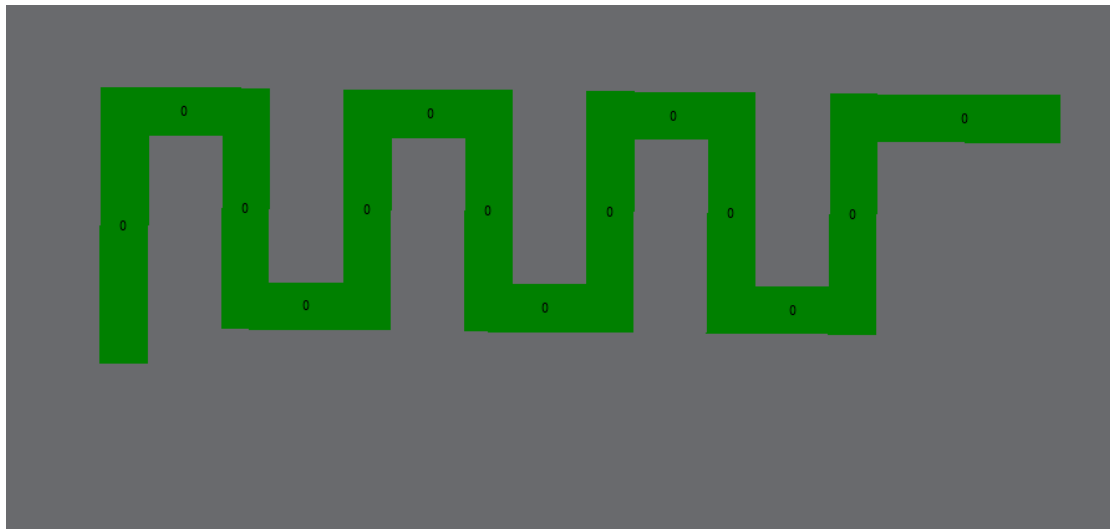
Manufacturer: Yichip Microelectronics (Hangzhou) Co., Ltd

Address: No. 400, 4th Floor, Building 15, Shanghai Pudong Software Park, 498 Guo Shoujing Road, Pudong New Area, Shanghai

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:

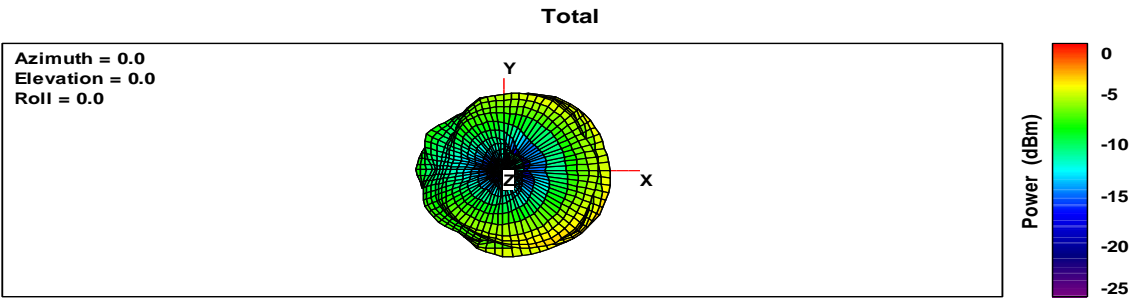
Antenna dimensions as blow picture show: the material is FR4 and the thickness is 1.6mm of PCB.



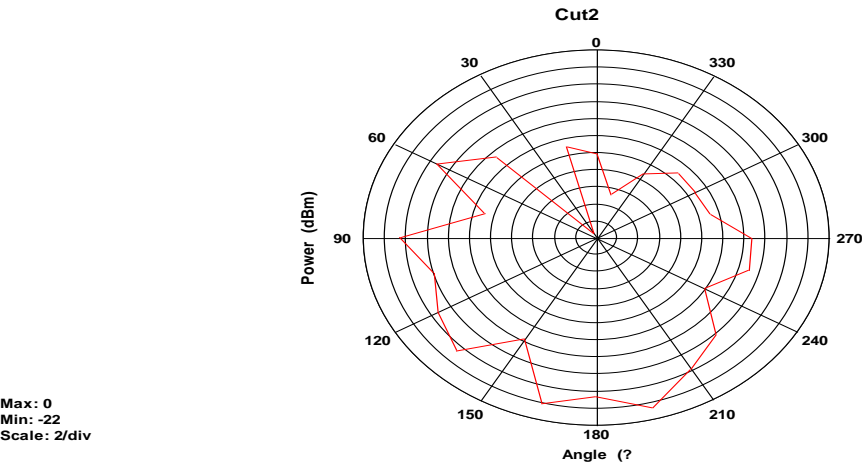
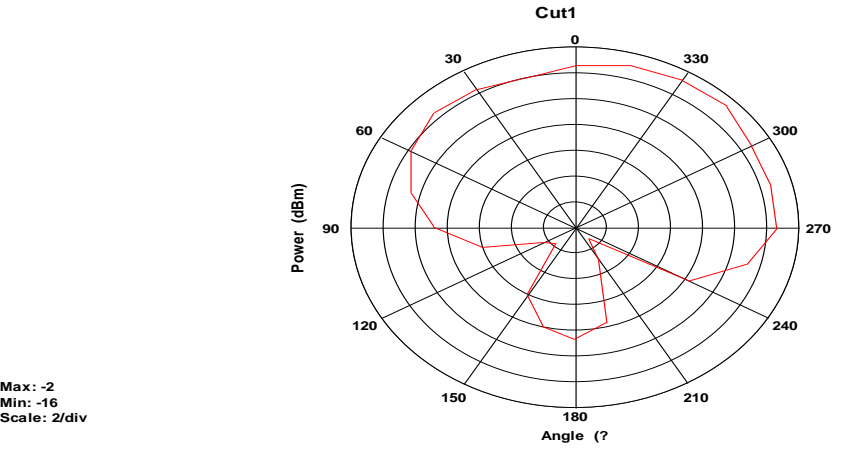
Gian and Efficiency

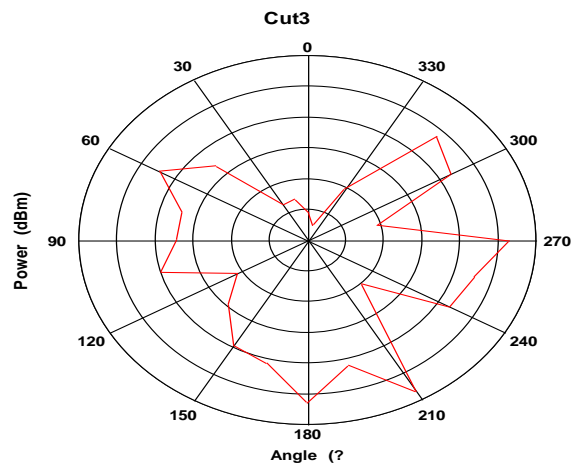
Frequency (MHz)	Efficiency(%)	Gain(dBi)
2402	14.86	-0.93
2420	12.54	-1.17
2440	9.92	-2.03
2460	7.46	-2.47
2480	6.11	-2.98

3D and 1D Radiation Patterns



2440M TRP 1





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