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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	2023/7/10
Test Instrument	Keysight E5071B

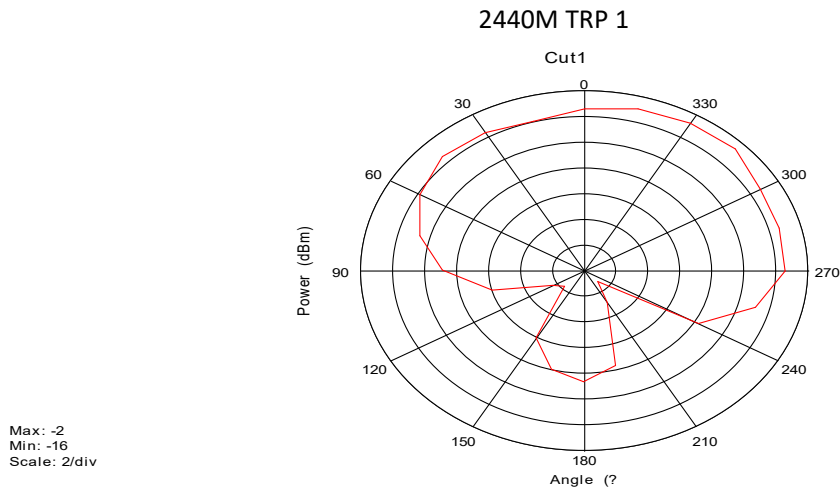
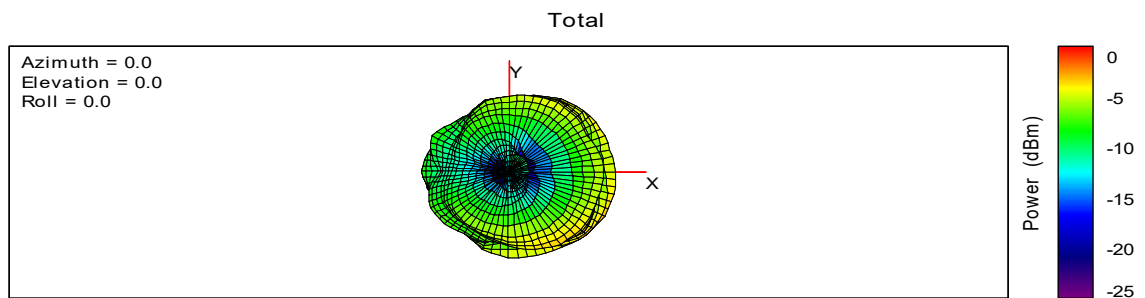
antenna design specification

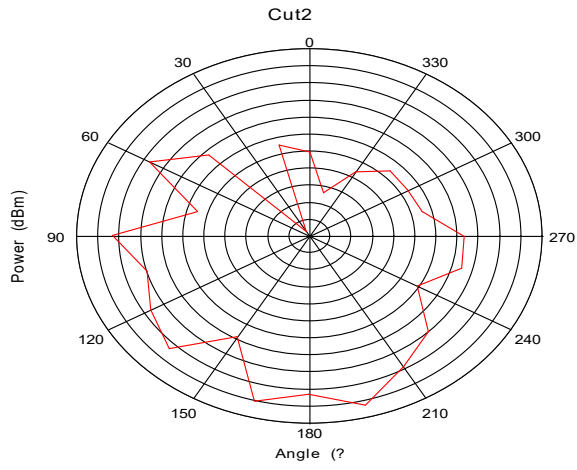


### Gian and Efficiency

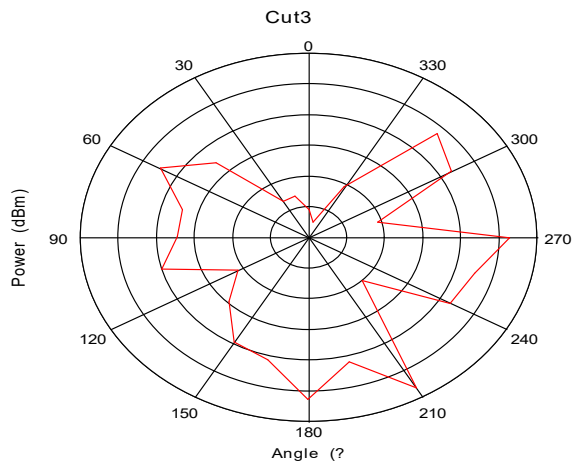
Frequency (MHz)	Efficiency(%)	Gain(dBi)
2300	13.17	-5.57
2320	19.08	-5.76
2340	22.65	-5.41
2360	22.62	-5.12
2380	18.03	-5.42
2400	14.86	-5.93
2420	12.54	-5.17
2440	9.92	-4.89
2460	7.46	-5.47
2480	6.11	-5.98
2500	5.39	-5.83

### 3D and 1D Radiation Patterns





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



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