

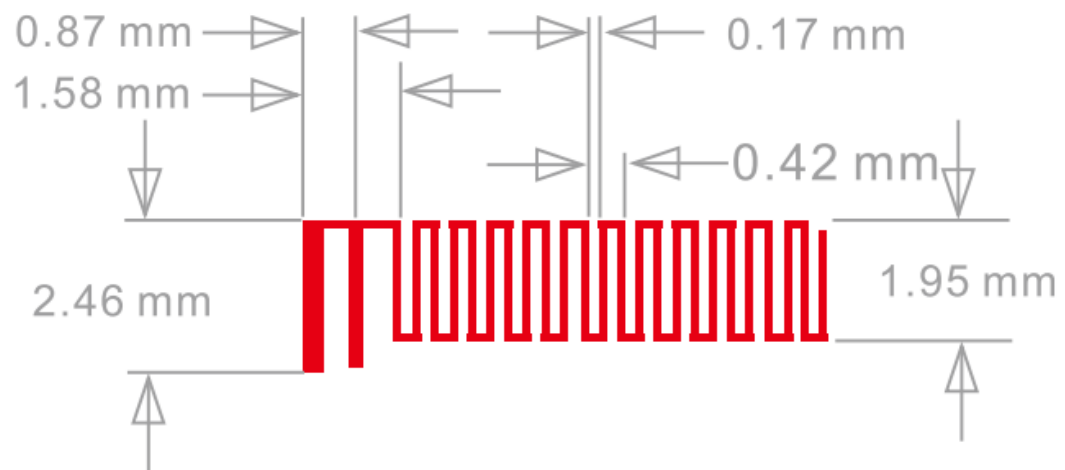


Bluetooth Antenna
specification&Test report

Yichip Microelectronics

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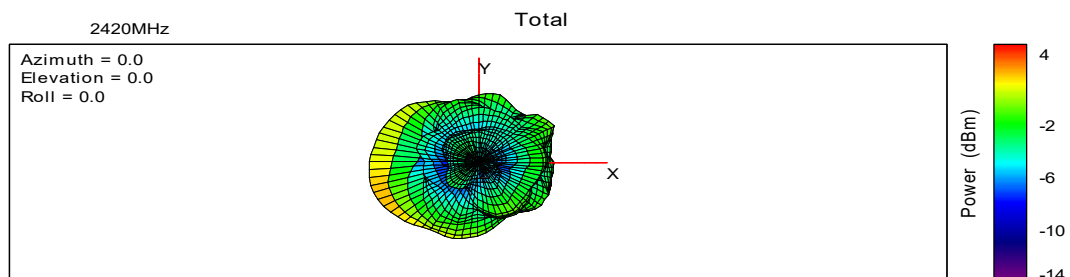
ANT8:



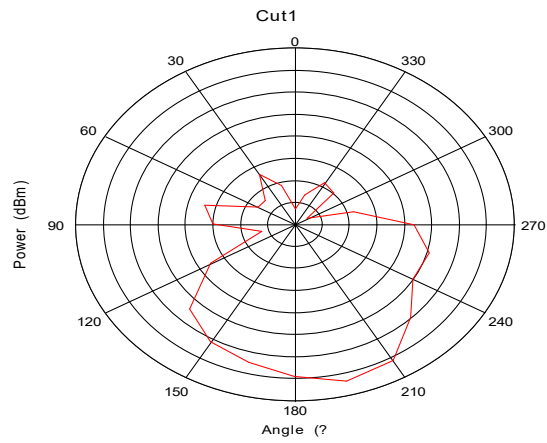
Gian and Efficiency

Frequency (MHz)	Efficiency(%)	Gain(dBi)
2300	12.77	-2.33
2320	20.15	-0.40
2340	25.71	0.95
2360	30.32	1.59
2380	30.90	1.63
2400	33.26	2.52
2420	38.93	3.55
2440	38.73	3.34
2460	36.32	2.93
2480	35.23	2.87
2500	35.82	2.53
2520	33.02	1.93
2540	31.62	1.42

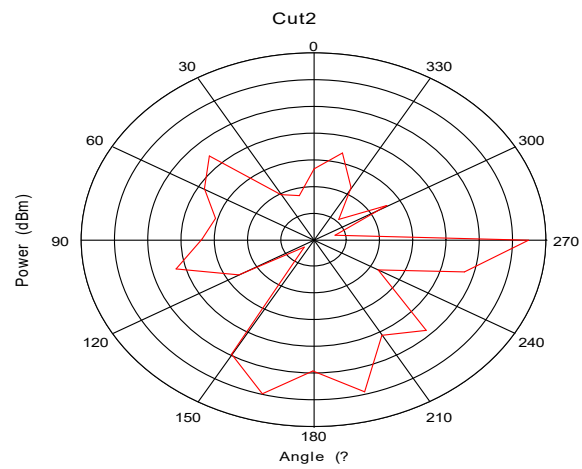
3D and 1D Radiation Patterns



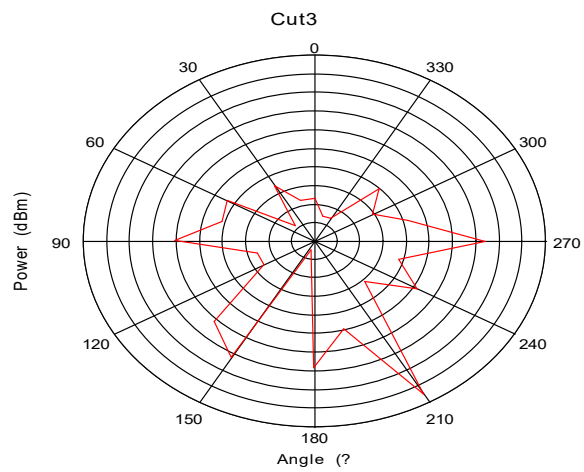
Max: 4
Min: -4
Scale: 1/div



Max: 4
Min: -10
Scale: 2/div

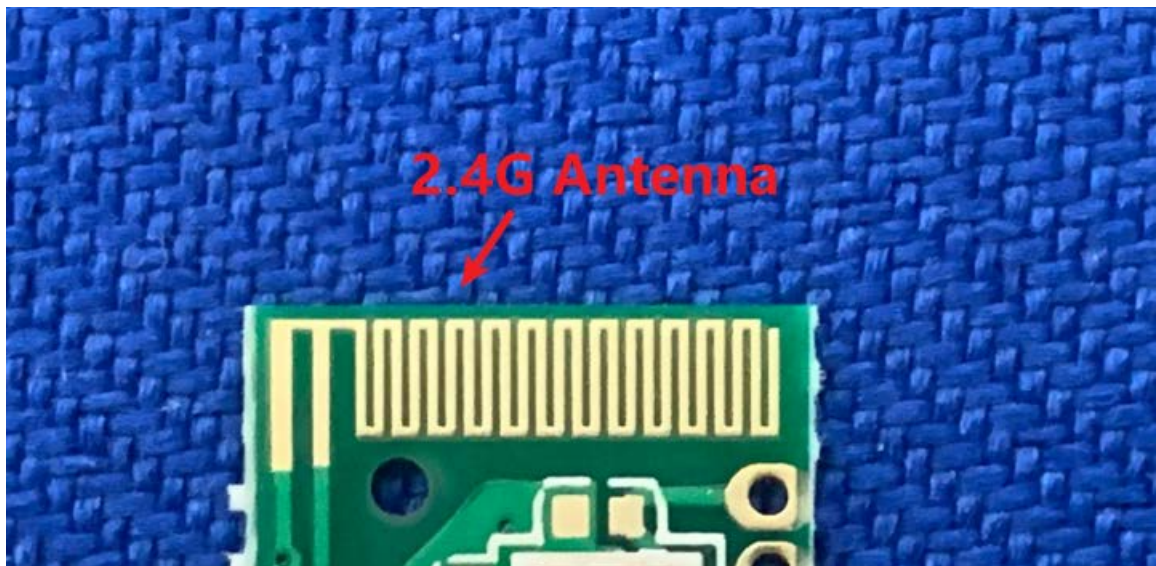


Max: 3
Min: -7
Scale: 1/div



ANT1-ANT8 5dbm TRP test result:

Band	ANT	Frequency	Result (dBm)	Note
BT	ANT1	2440	-6.50	1
	ANT2	2440	-0.58	2
	ANT3	2440	-2.91	3
	ANT4	2440	0.92	4
	ANT5	2440	0.09	5
	ANT6	2440	0.34	6
	ANT7	2440	0.14	7
	ANT8	2440	-2.14	8



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