

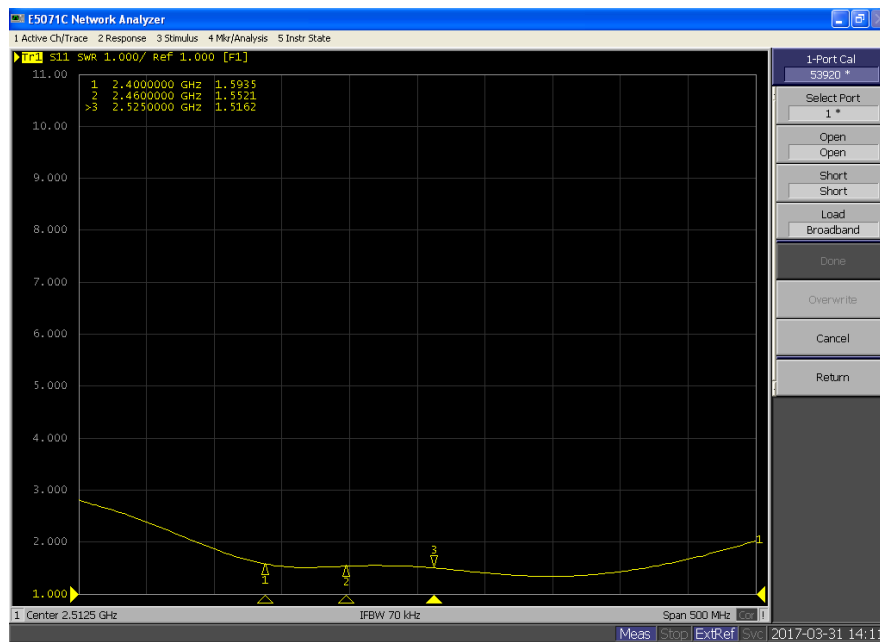
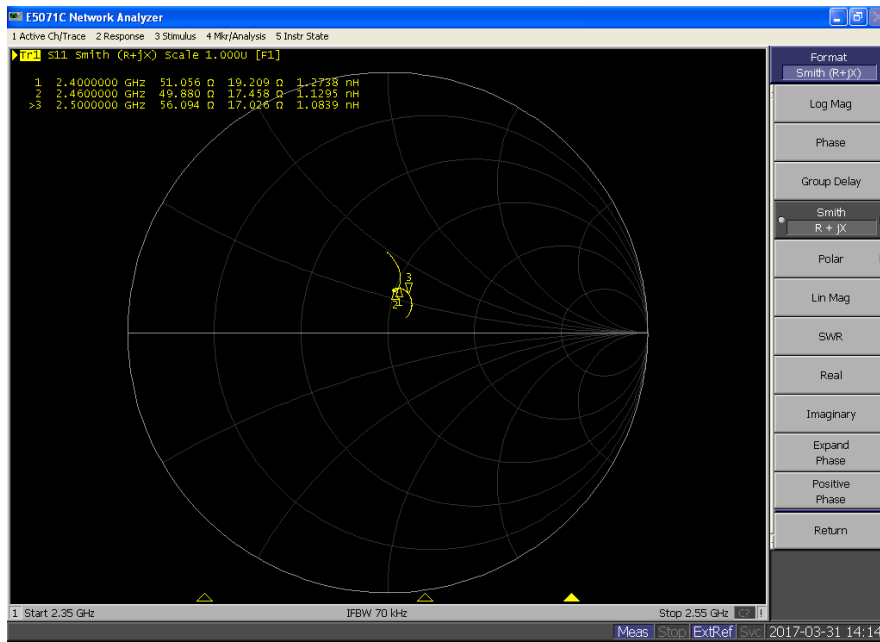
## ANT-004-2G4

dimensional drawing

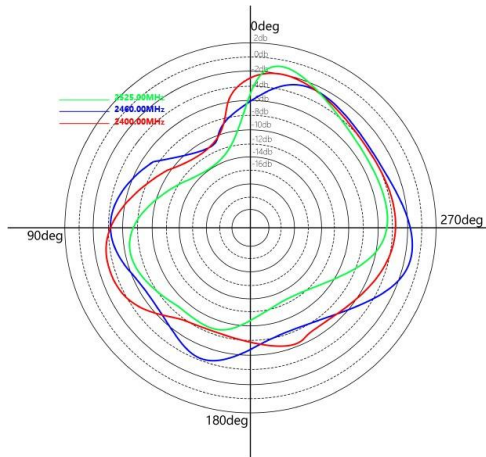
Ant-004-2G4 is a PCB antenna used for Bluetooth, WiFi and other 2.4GHz portable devices;

frequency domain

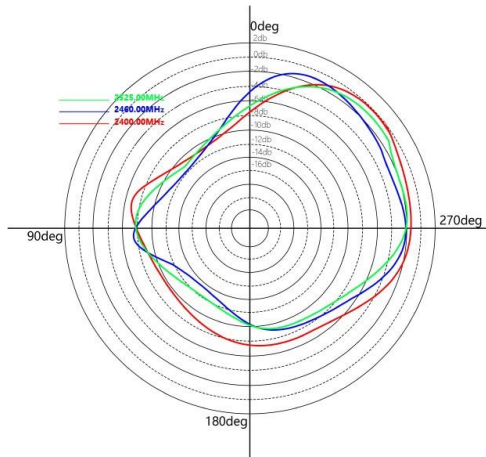
Frequency	SWR
2402MHz	<1.7
2460MHz	<1.7
2480MHz	<1.7



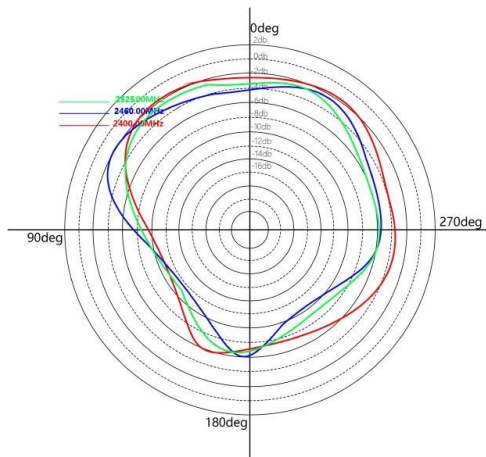
The antenna is sensitive to the size of the PCB RF ground layer and the plastic shell of the product. The antenna can be modeled as an LC resonator whose resonant frequency decreases when L(inductance) or C(capacitance) is increased. Larger radio frequency layers and plastic enclosures increase the effective capacitance, reducing the resonant frequency. Adjust the matching parameters according to the actual installation situation.



Frequency	Gain(max)
2400MHz	2dBi
2460MHz	1dBi
2525MHz	1dBi



Frequency	Gain(max)
2400MHz	1dBi
2440MHz	0dBi
2525MHz	0dBi



Frequency	Gain(max)
2400MHz	-2dBi
2460MHz	-2dBi
2525MHz	-2dBi