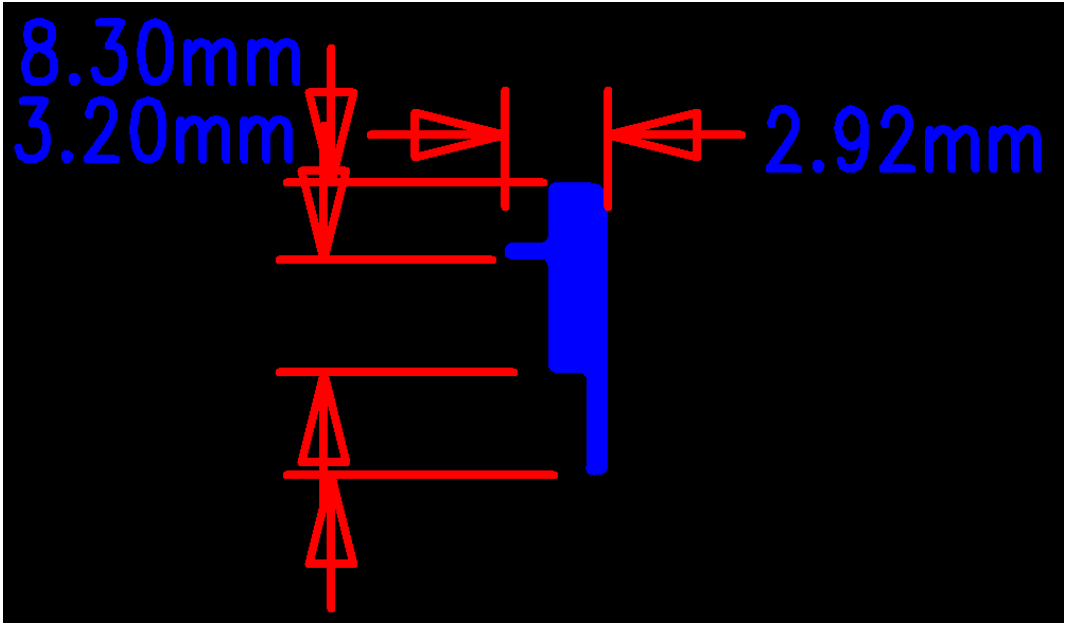


For Bluetooth / WLAN Applications



1.1: Antenna for bluetooth and for 2.4G wifi

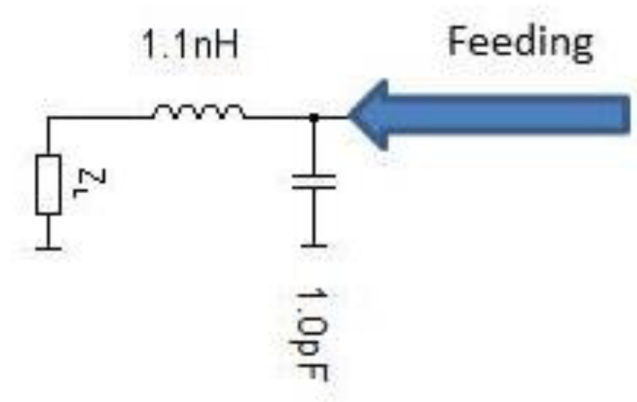
	Dimension(mm)
L	8.3 ± 0.20
W	2.92 ± 0.20

A	Product Series	Antenna
B	Material	High K material
C	Working Frequency	2.4G Hz
D	Feeding mode	Monopole & Single Feeding
E	Antenna type	0X=03,04,05/Type=03,04,05 PCB Antenna

1.Electrical Specification

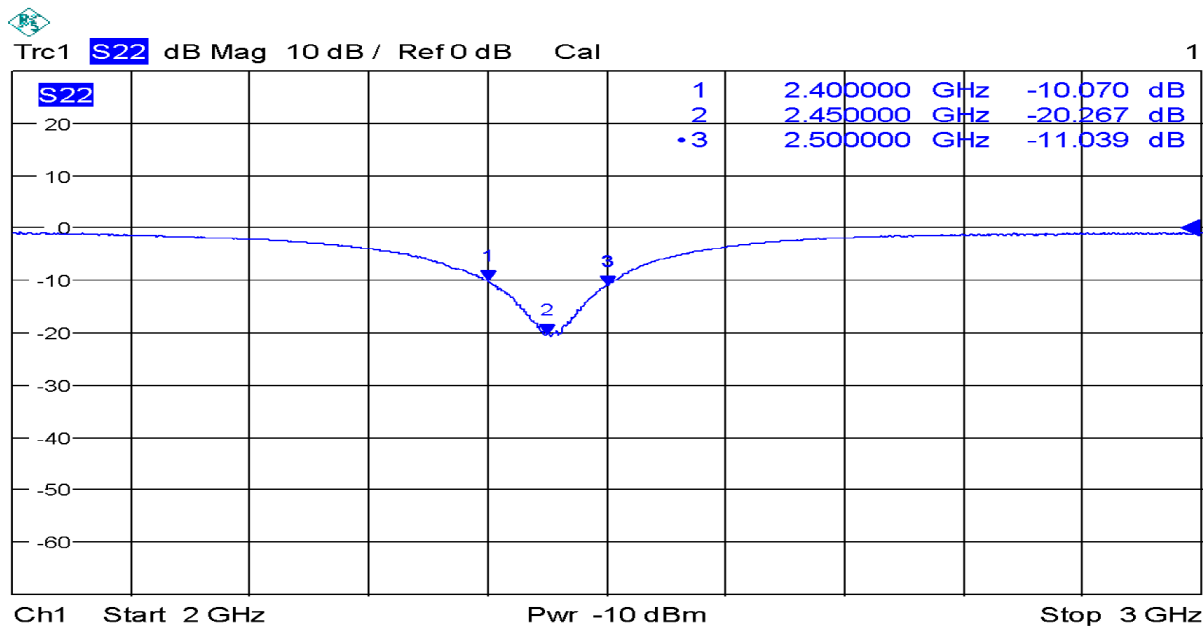
Specification		
Central Frequency	2400	MHz
Bandwidth	100(Min.)	MHz
Return Loss	-6.5(Max)	dB
Peak Gain	2.41	dBi
Impedance	50	Ohm
OperatingTemperature	-40~+85	°C
Maximum Power	4	W
Resistance to Soldering Heats	10(@ 260℃)	seC.
Polarization	Linear	
Azimuth Beamwidth	Omni-directional	
Termination	Cu/Sn (Leadless)	

Suggested Matching Circuit

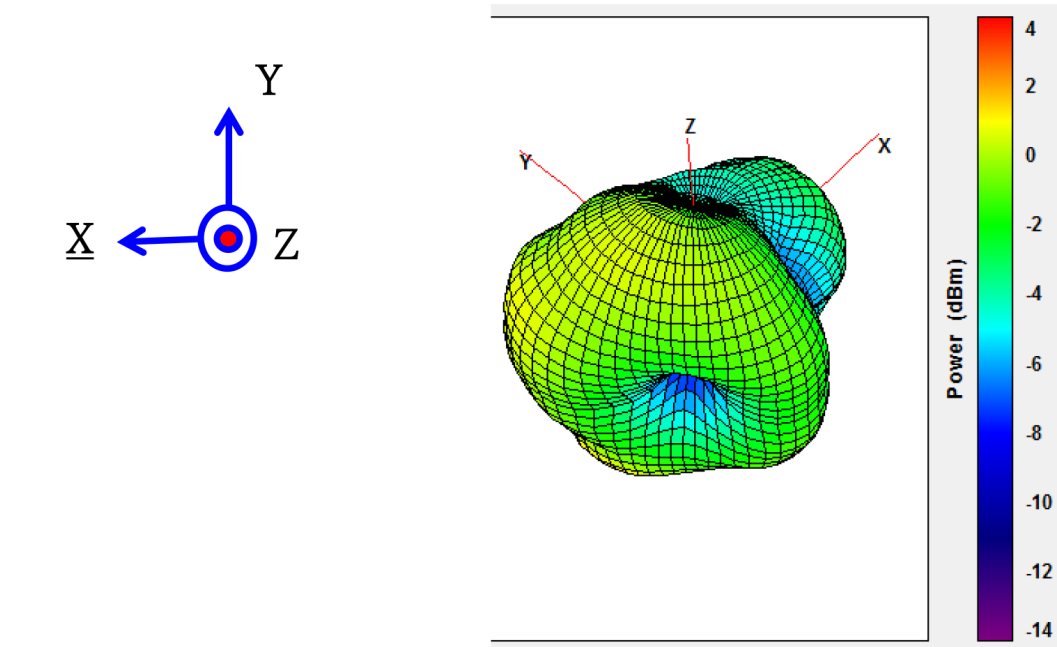


3. Measurement Results

Return Loss



Radiation Pattern



	Efficiency	Peak Gain	Directivity
2400MHz	49.21 %	1.15 dBi	5.32 dBi
2450MHz	60.45 %	2.41 dBi	5.21 dBi
2500MHz	51.53 %	1.68 dBi	5.29 dBi

Chamber Coordinate System

