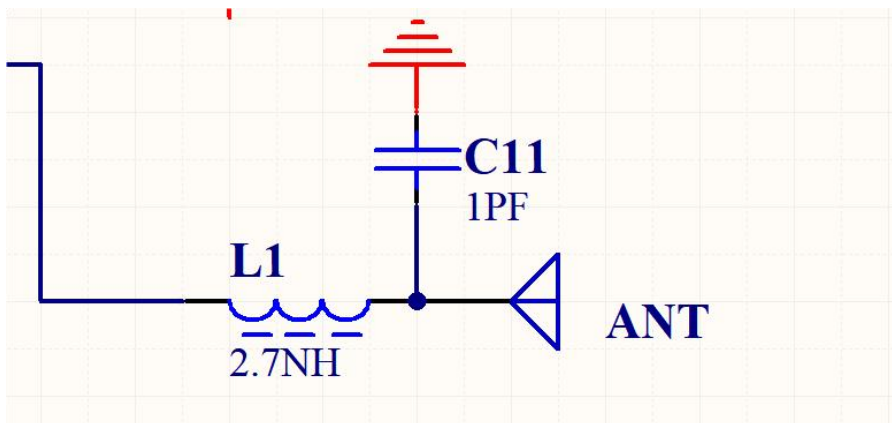


PCB Antenna Datasheet

1. Dimensions



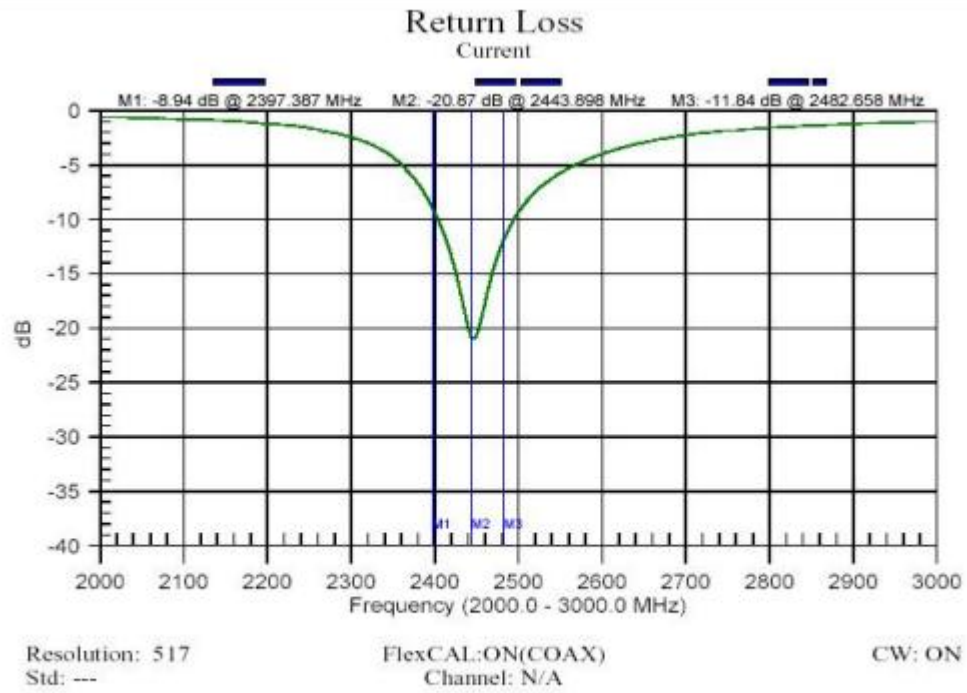
2. Matching Circuit



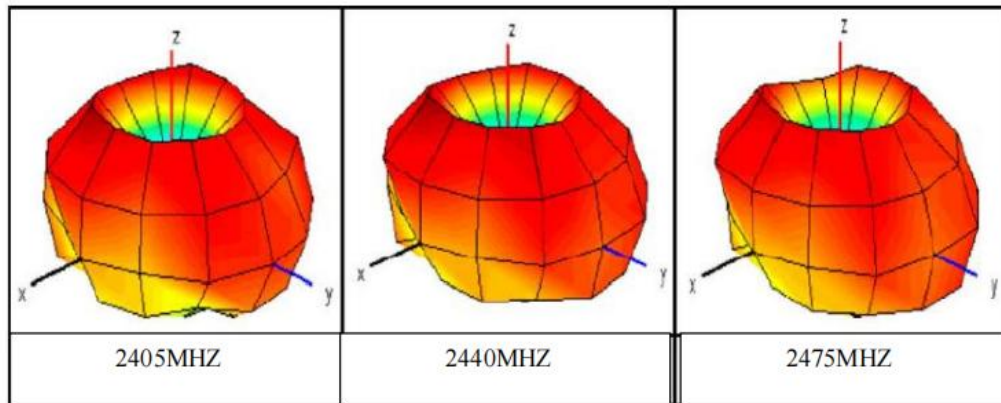
3. Electrical Characteristics

Design Specifications	Typical	Units
Antenna type	PCB antenna	
working Frequency	2400-2500	MHZ
Gain (max)	0	DBi
Antenna efficiency	30~50	%
VSWR	<1.8	
Radiation pattern	omnidirectional	
impedance	50	ohm
Overall dimensions	23.4*3.5	mm
Weight	No requirement	
Operatin Temp	-40-85	°C
Storing Temp	-40-85	°C

4. Return Loss and Smith Chart



3D Radiation Pattern



Frequency (GHz)	2.4GHz	2.41GHz	2.42GHz	2.43GHz	2.44GHz	2.45GHz	2.46GHz	2.47GHz	2.48GHz	2.5GHz
Efficiency(dB)	-5.1	-4.81	-4.60	-4.19	-4.00	-4.10	-3.78	-3.69	-3.81	-3.51
Efficiency(%)	52.98	55.36	58.09	63.39	66.01	65.09	70.01	70.26	68.74	73.51
Pick Gain (dBi)	0.00	-0.07	-0.11	-0.05	-0.01	-0.15	-0.03	0.00	-0.06	-0.10