

Antenna Specification

1、Electrical Parameters

Center Frequency	2450 MHz
Antenna Bandwidth	2300-2600 MHz
Antenna Gain	2 dBi
Antenna Efficiency	42%
VSWR (Voltage Standing Wave Ratio)	<2.6
Polarization Direction	Vertical Polarization
Radiation Pattern	Omnidirectional
Input Impedance	50 Ω
Maximum Power	5 W

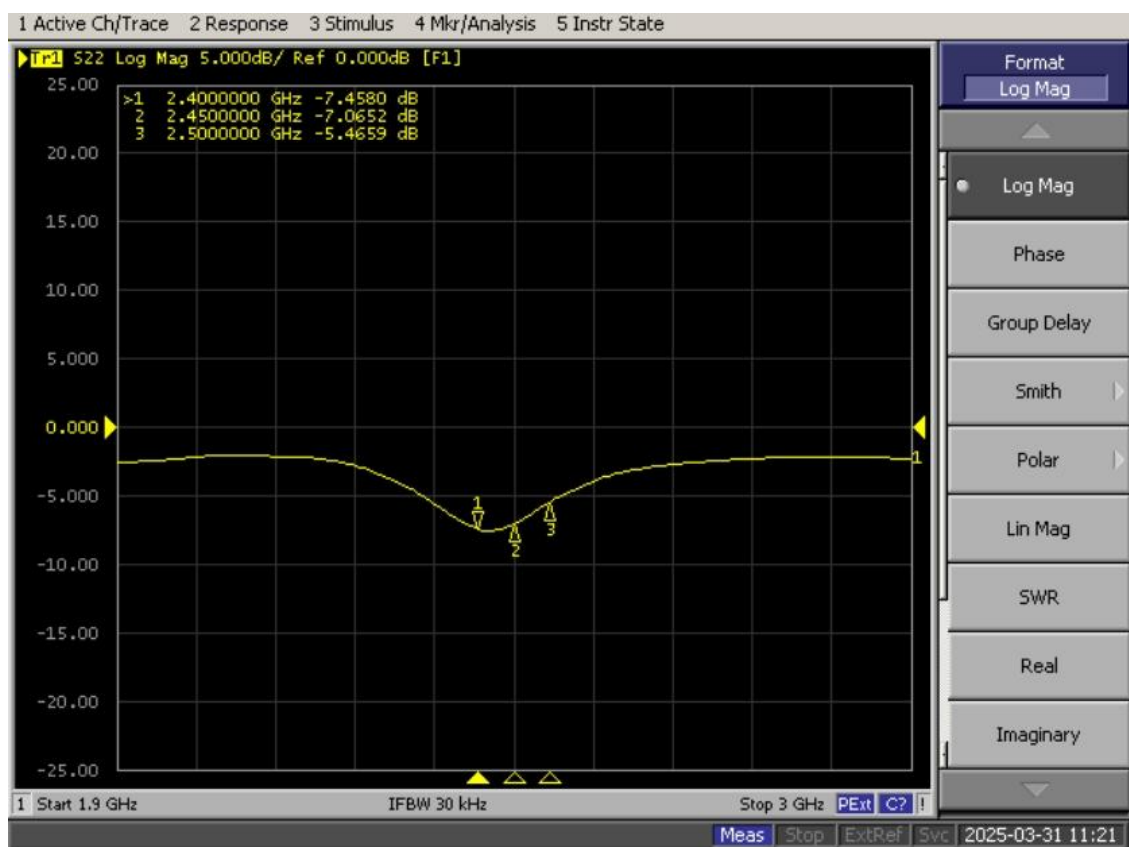
2、Other Parameters

Antenna Dimensions	40 × 5.5 × 0.15 mm
Antenna Thickness	0.15 mm
Coaxial Cable Length	4 cm
Antenna Material	FPC (Flexible Printed Circuit)
Coaxial Cable Specification	RF0.81
Connector Type	IPEX 1 st Gen
Operating Temperature	-40°C to +80°C

3、Antenna VSWR



4、Return Loss

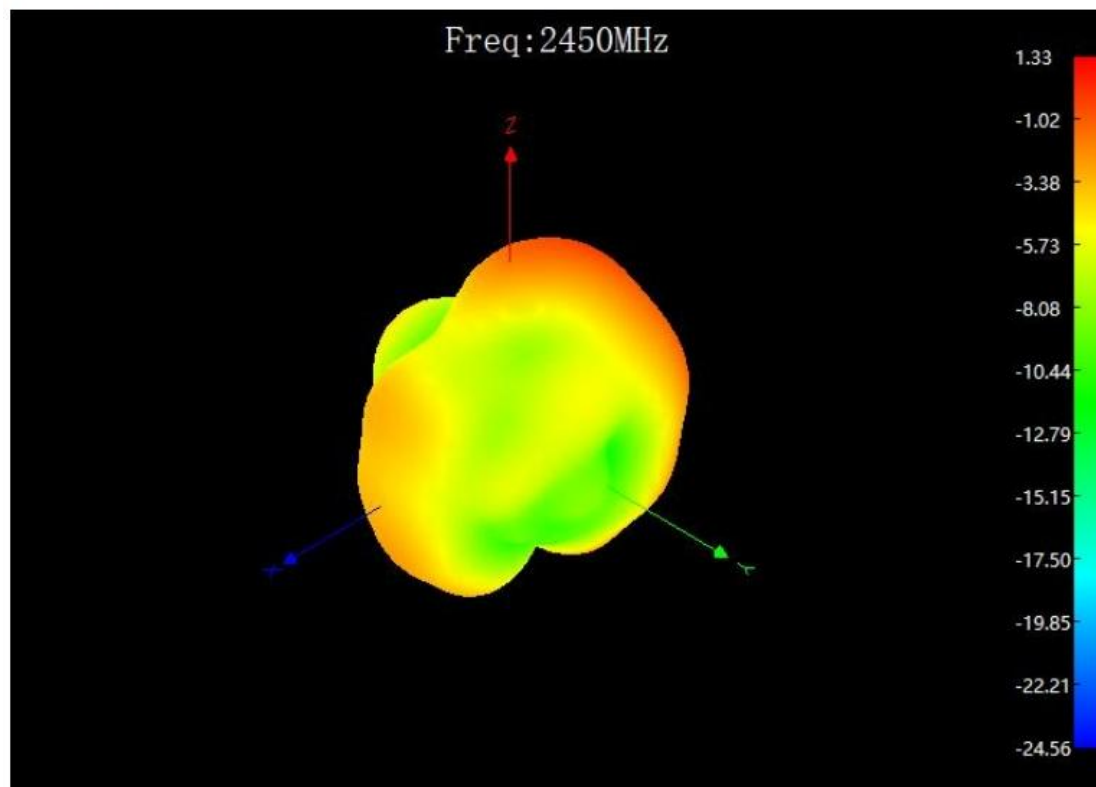


5、Antenna Gain & Efficiency

Frequency/Mhz	MaxGain/dBi	Efficiency / %
2400	2.06	42.07
2410	2.04	42.95
2420	1.72	41.02
2430	1.81	40.46
2440	1.77	39.81
2450	1.33	37.41
2460	0.66	34.28
2470	0.59	32.51
2480	0.7	31.99
2490	0.43	31.55
2500	0.03	30.69

6、3D Radiation Pattern

2450MHz



7、Antenna Size(40mm*5mm)

