



Your antenna design partner

2.4 GHz WLAN FLEX Antenna

Datasheet

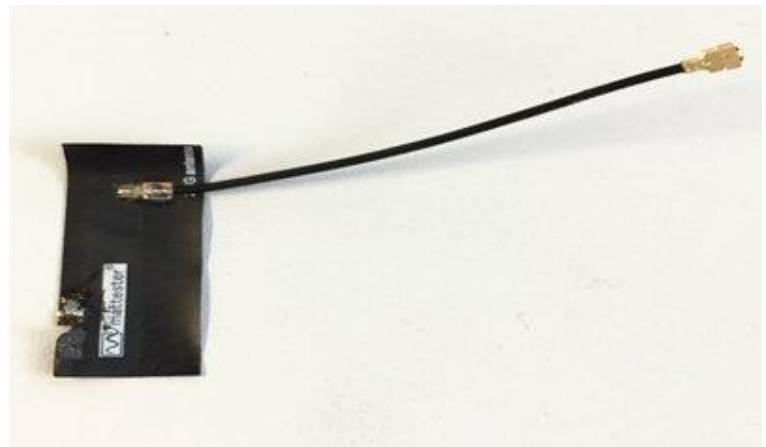
2.4 GHz WLAN FLEX Antenna

Electrical Specifications

1. Frequency: 2.4 – 2.550 GHz
2. Impedance: 50 Ω

Equipment Used

1. ETS 8050 Antenna Anechoic chamber
2. Keysite 5071C VNA (Radiation pattern Measurement)
3. Agilent 5071C VNA (Return Loss Measurement)



BAND	2.4 – 2.550 GHz
Frequency(GHz)	2.4 – 2.550
Max. VSWR	1.5
Max. Return loss (dB)	11.37
Peak gain(dB)	2.9
Efficiency(%)	65
Radiation properties	Omni directional
Max. input power	5 W
Polarization	Linear
Impedance(ohms)	50

2.4 GHz WLAN FLEX Antenna

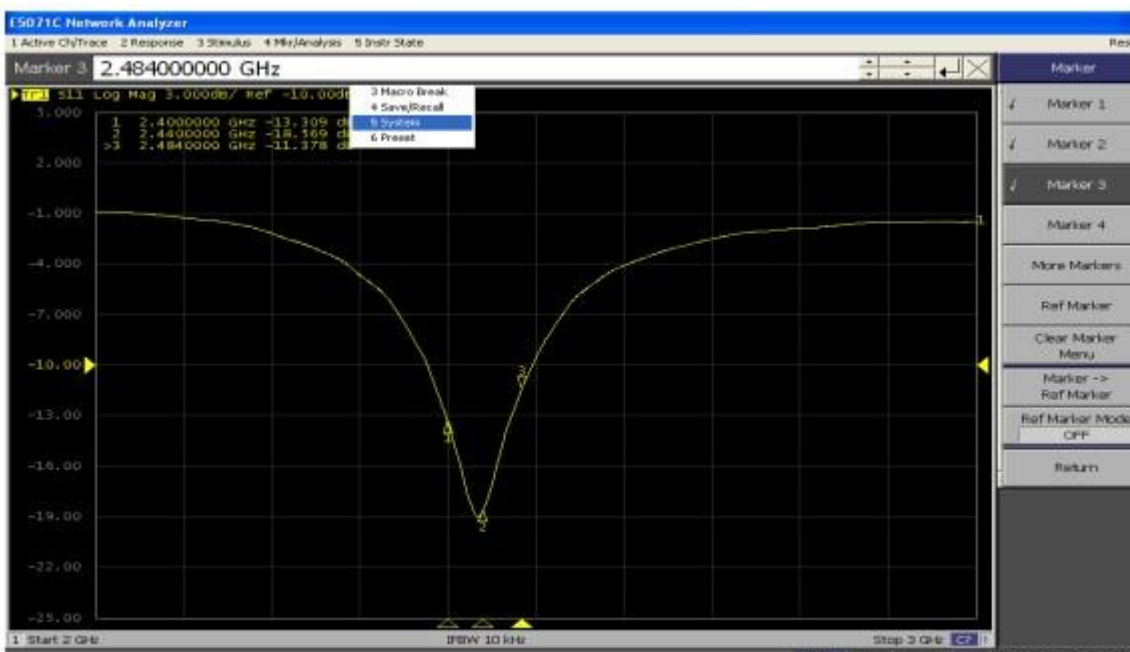
Features

1. Ground plane Independent
2. 2.4 -2.550 GHz
3. >65% Efficiency
4. 2.9 dBi Peak Gain
5. 31*12.9*0.2 mm size
6. Adhesive Tape/Glass Mount Design
7. IPEX MHFI, UFL Compatible

Applications

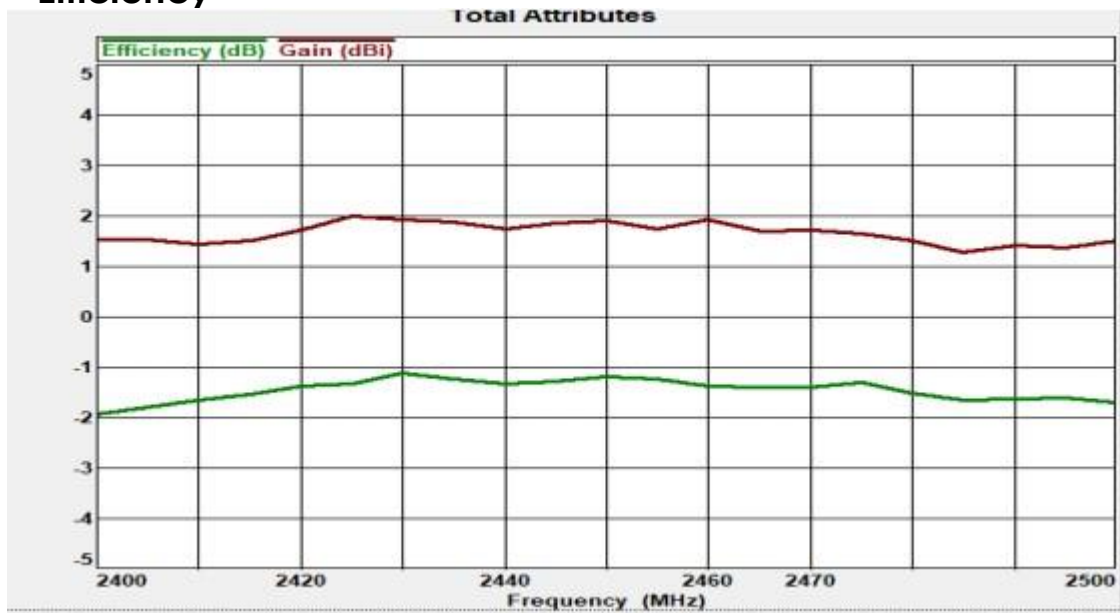
1. Bluetooth 2.4-2.484GHz
2. Wi-Fi 2.410-2.462GHz
3. Zigbee 2.410-2.484GHz
4. ISM 2.4-2.483.5 GHz

Return Loss



2.4 GHz WLAN FLEX Antenna

Efficiency



Radiation Pattern

