

2.4 GHz WLAN FLEX Antenna



Electrical Specification

- Frequency: 2.4 - 2.550 GHz
- Impedance: 50 Ω

Equipment Used

- ETS 8050 Antenna Anechoic Chamber
- Keysite 5071C VNA (Radiation Pattern Measurement)
- Agilent 5071C VNA (Return Loss Measurement)

BAND	2.4-2.550 GHz
Frequency(GHz)	2.4 - 2.55
Max. VSWR	1.5
Max. Return loss (dB)	-11.37
Peak gain(dBi)	2.9
Efficiency(%)	65
Radiation properties	Omni-directional
Max. input power	5
Polarization	Linear
Impedance(ohms)	50

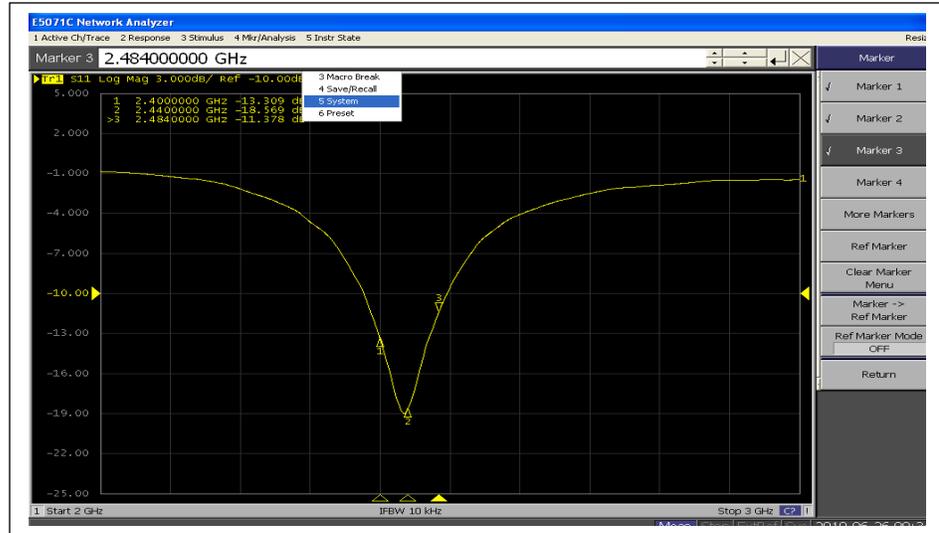
Features

- Ground plane Independent
- 2.4 -2.550 GHz
- >65% Efficiency
- 2.9 dBi Peak Gain
- 31*12.9*0.2 mm size
- AdhesiveTape/Glass Mount Design
- IPEX MHFI, UFL Compatible

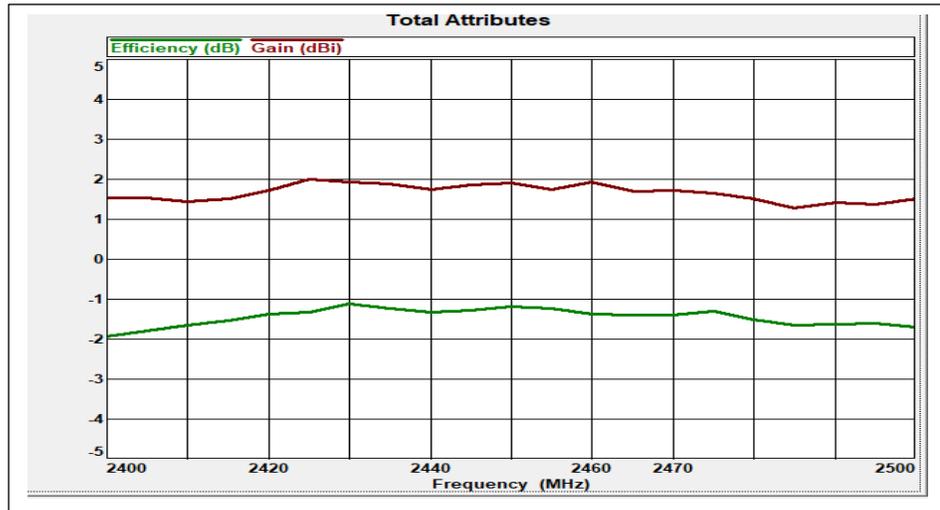
Applications

- Bluetooth 2.4-2.484GHz
- Wi-Fi 2.410-2.462GHz
- Zigbee 2.410-2.484GHz
- ISM 2.4-2.483.5 GHz

Return loss



Efficiency



Radiation Pattern

