



Your antenna design partner

2.4 G BLE Antenna

Datasheet

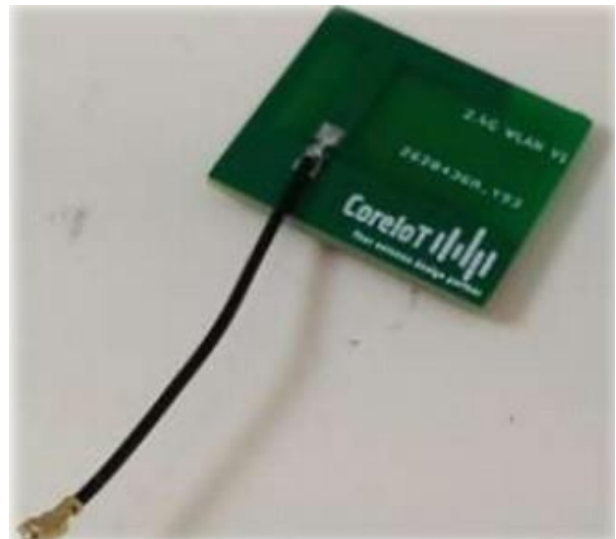
2.4 G BLE Antenna

Electrical Specifications

1. Frequency: 2440 MHz Band
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	2400 MHz – 2484 MHz
STANDARD	ISM
Frequency(MHz)	2440 MHz Band
Max. VSWR	<1.56
Max. Return loss (dB)	<-13.14
Peak gain(dB)	2.5
Efficiency(%)	>54
Radiation properties	Omni directional
Max. input power	5 W
Polarization	Linear
Impedance(ohms)	50

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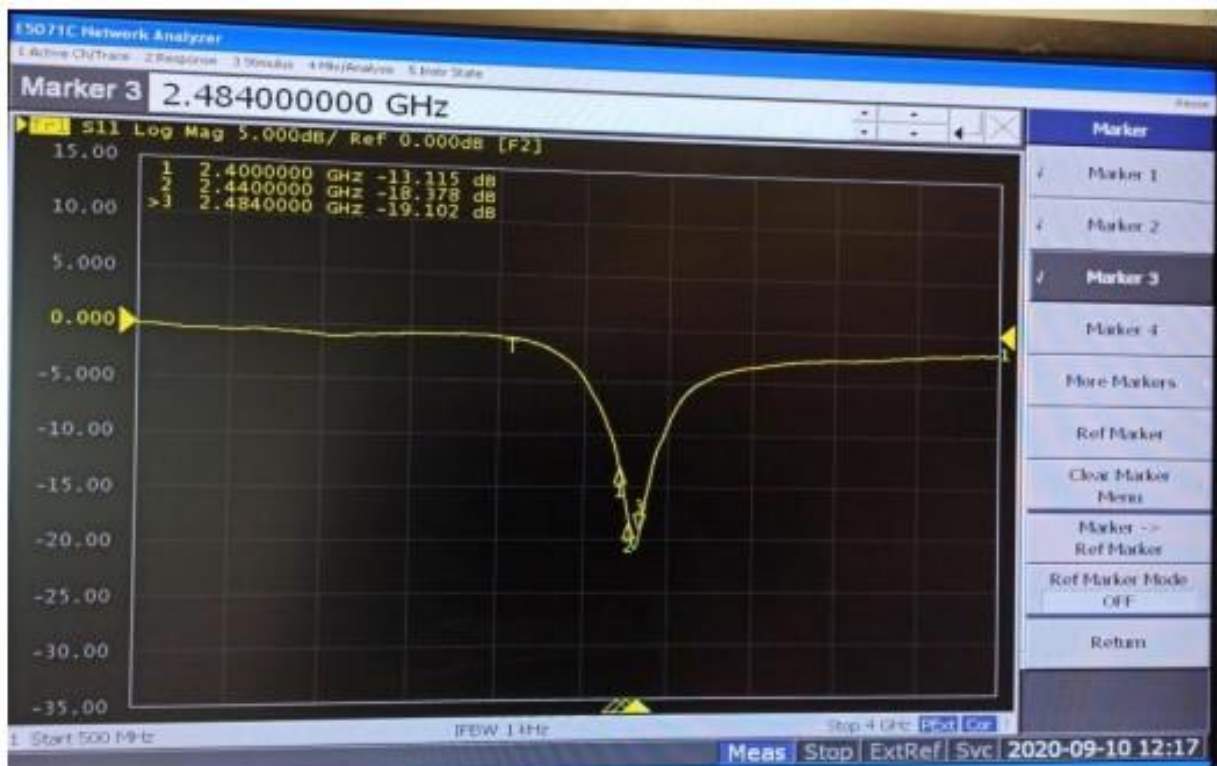
Features

1. Low profile antenna
2. 27mmx25mmx1 mm
3. Adhesive mount
4. Connector type : UFL

Applications

1. Bluetooth
2. Wi-Fi
3. Zigbee
4. ISM

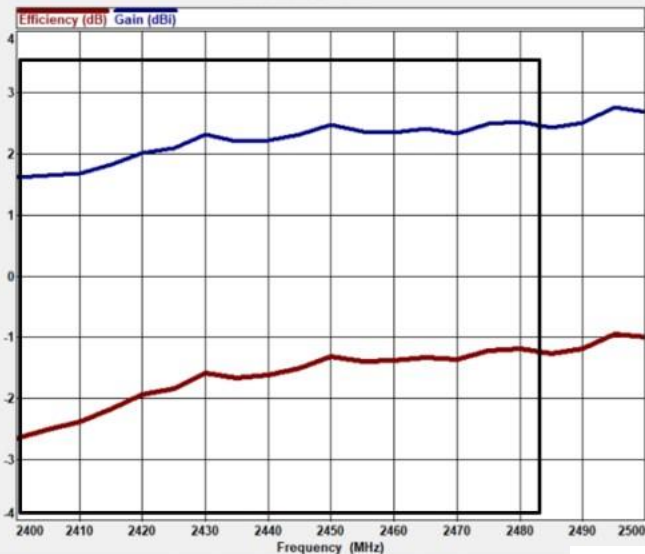
Return Loss



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Efficiency & Gain

Efficiencies & Gain



Radiation Pattern

