



Your antenna design partner

# Dual Band Antenna 2.4G / 5.8G

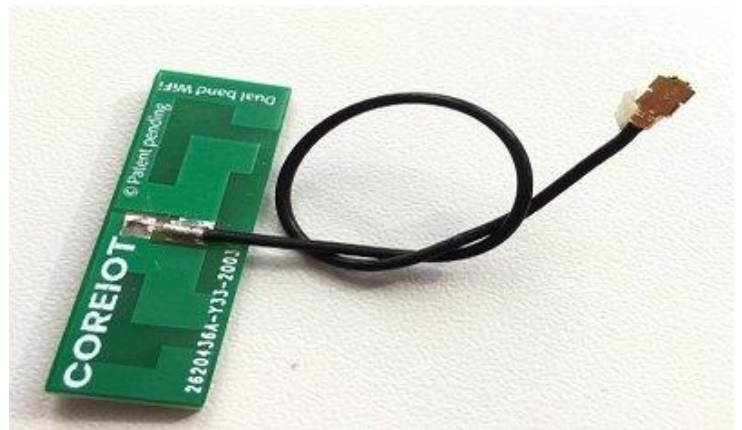
Datasheet

# Dual Band Antenna

## 2.4G / 5.8G

### Electrical Specifications

1. Frequency: 2400MHz-2500MHz  
4900MHz- 5985MHz
2. Impedance: 50  $\Omega$



### Equipment Used

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

STANDARD	WIFI / ISM	
Frequency(MHz)	2400MHz – 2484MHz	4900MHz – 5850MHz
Max. VSWR	$\leq 1.6:1$	$\leq 1.6:1$
Max. Return loss (dB)	$\geq 12.38$	$\geq 12.49$
Peak gain(dBi)	$\geq 2.7$	$\geq 1.93$
Efficiency(%)	$\geq 84.5$	$\geq 40.34$
Radiation properties	Omni - directional	
Max input power	2W	
Polarization	Linear	
Impedance(ohms)	50 ohms	

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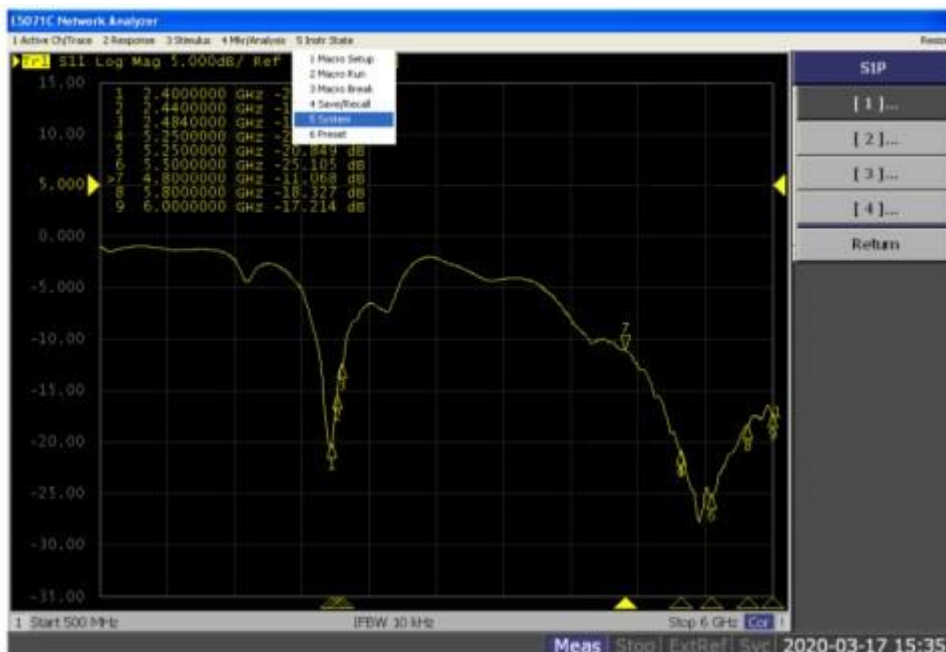
### Features

1. Ground plane Independent
2. 2400MHz-2500MHz & 4900MHz-5985MHz
3. >40% Efficiency on All bands
4. 5 dBi Peak Gain
5. 33mmx10mmx1mm size
6. Adhesive Tape/Glass Mount Design
7. IPEX MHFI, UFL Compatible

### Applications

1. 2.4GHz
2. Wi-Fi
3. ISM

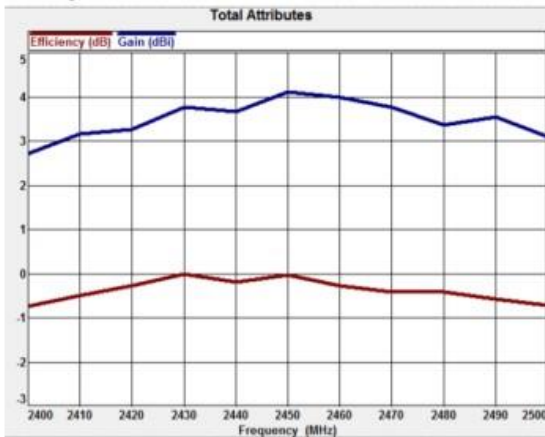
### Return Loss



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### Efficiency



### Radiation Pattern

