



Your antenna design partner

Bolt 860 MHz PCB Antenna

Datasheet

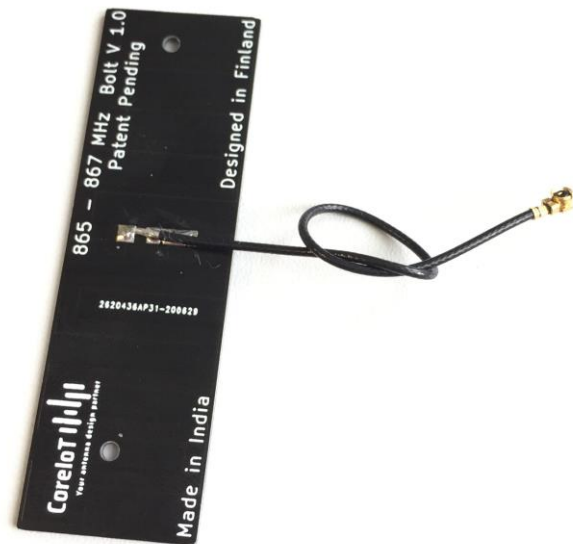
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Electrical Specifications

1. Frequency: 860 – 870 MHz
2. Impedance: 50 Ω

Equipment Used

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



BAND	860-870MHz
STANDARD	ISM
Frequency(MHz)	868MHz ISM Band
Max. VSWR	1.58
Max. Return loss (dB)	-12.99
Peak gain(dBi)	0.76
Efficiency(%)	74.5
Radiation properties	Omni-directional
Max. input power	5
Polarization	Linear
Impedance(ohms)	50

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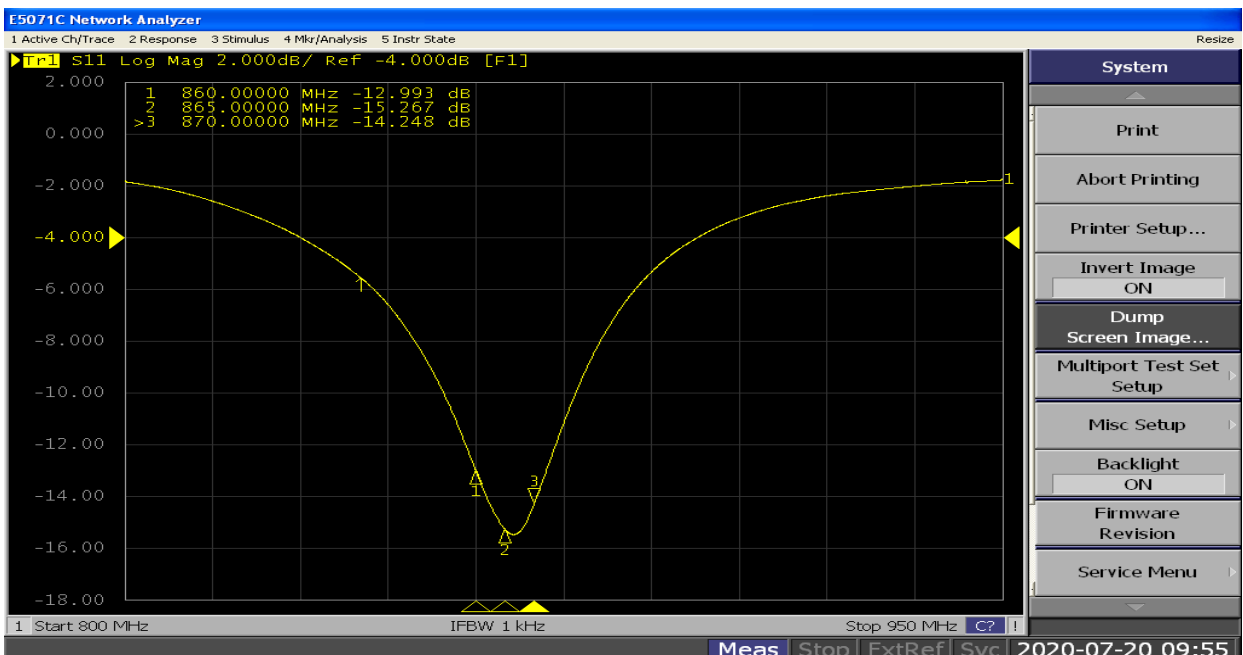
Features

1. Small size
2. >74% efficiency on all bands
3. 0,76 dBi Peak Gain
4. 64*20*1 mm size
5. Adhesive tape / Glass Mount Design
6. IPEX MHFI, UFL Compatible

Applications

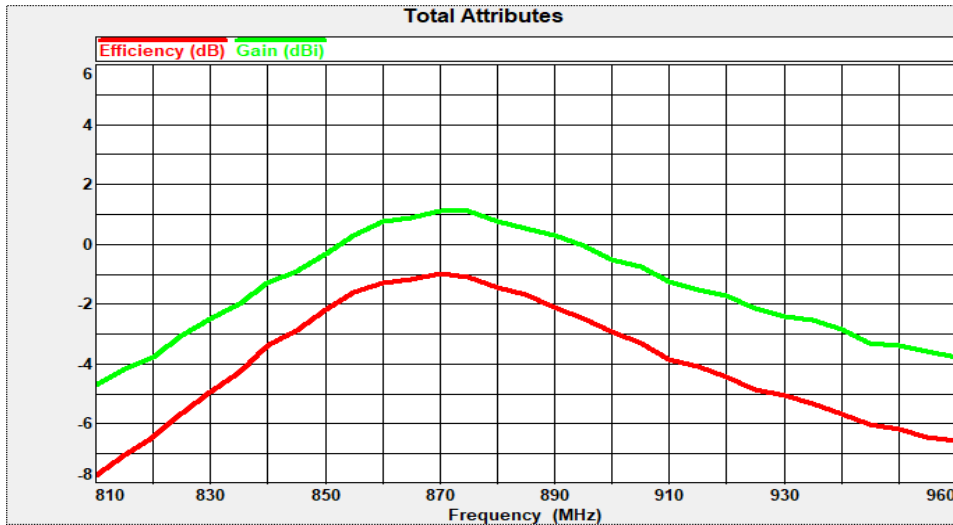
1. Smart meter
2. Lighting control
3. Car infotainment

Return Loss



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Efficiency and Gain



Radiation Pattern

