



Your antenna design partner

**LTE Wide Band Antenna
791 MHz - 2700 MHz**

Datasheet

LTE Wide Band Antenna

791 MHz – 2700 MHz

Electrical Specification

1. Frequency: 791 – 2700 MHz
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	700/850/900	1700/1800/1900	2100	2600
STANDARD	Cellular	Cellular	Cellular	Cellular
Frequency (MHz)	791 – 960	1710 – 1990	1755 – 2170	2500 - 2690
Max. VSWR	4.5	2.1	4.4	4.4
Max. Return Loss (dB)	3.9	8.8	4	4
Peak Gain (dBi)	-0.5	2.9	0.2	1
Efficiency (%)	37	43	43	56
Radiation Properties	Omni - directional			
Max. Input Power	5 W			
Polarization	Linear			
Impedance (ohms)	50			

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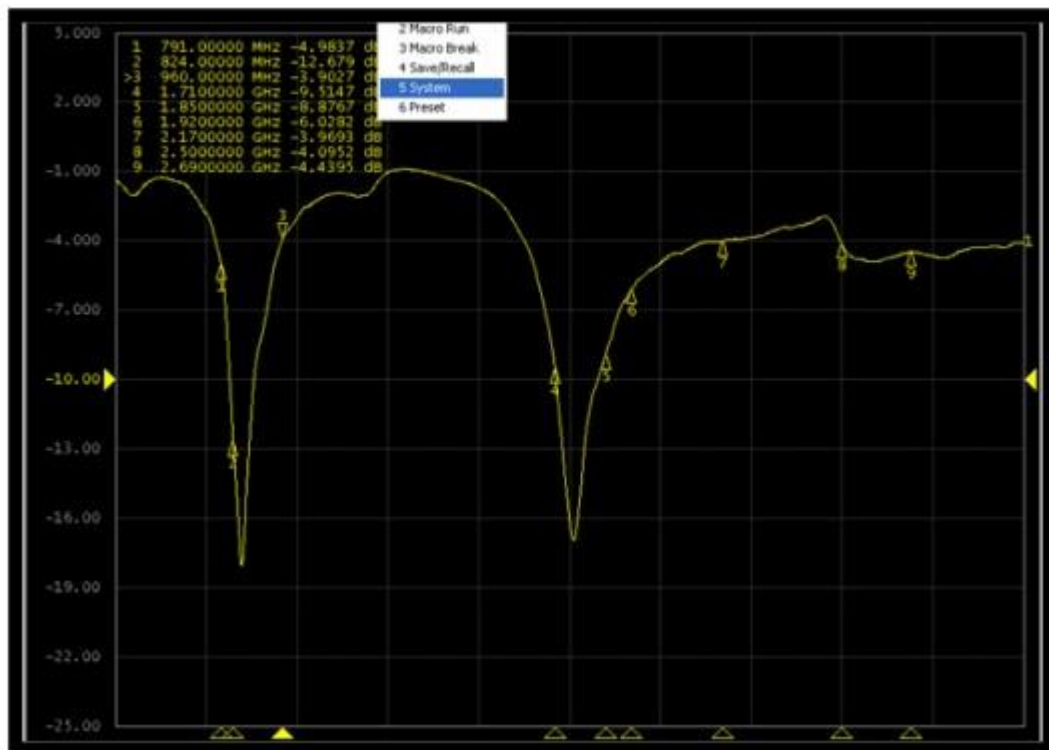
Features

1. Ground plane Independent
2. 791 – 2700 MHz
3. 89*12*0.2mm size
4. Adhesive Tape/Glass Mount Design
5. IPEX MHFI, UFL Compatible

Applications

1. 3G/WCDMA
2. LTE 4G
3. NB IoT
4. ISM

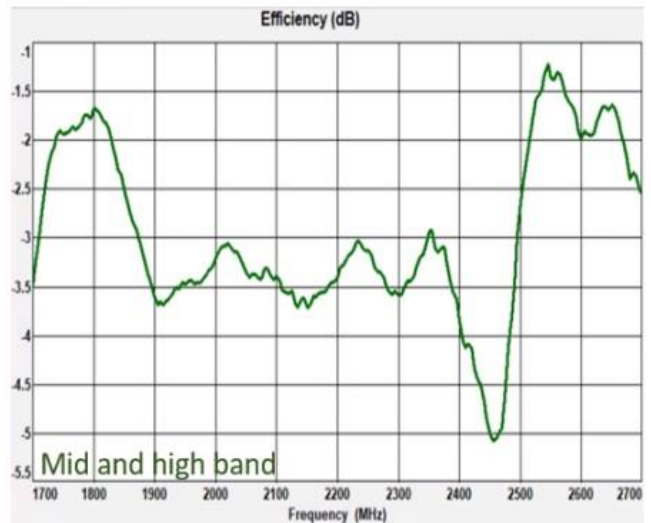
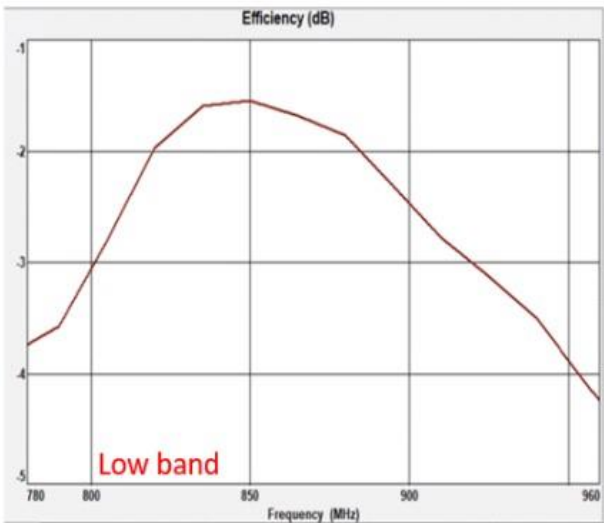
Return Loss



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Efficiency



Radiation Pattern

