

LTE Wide Band Antenna 791 MHz -2700 MHz

Features

- Ground plane Independent
- 791 - 2700 MHz
- 89*12*0.2mm size
- AdhesiveTape/Glass Mount Design
- IPEX MHFI, UFL Compatible

Applications

- 3G/WCDMA
- LTE 4G
- NB IoT
- ISM



Electrical Specification

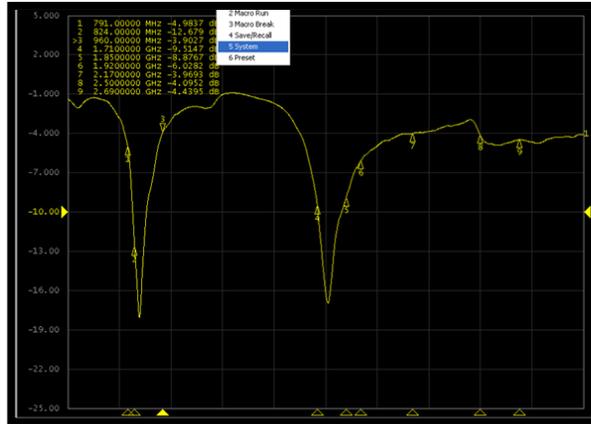
- Frequency: 791 - 2700 MHz
- Impedance: 50 Ω

Equipment Used

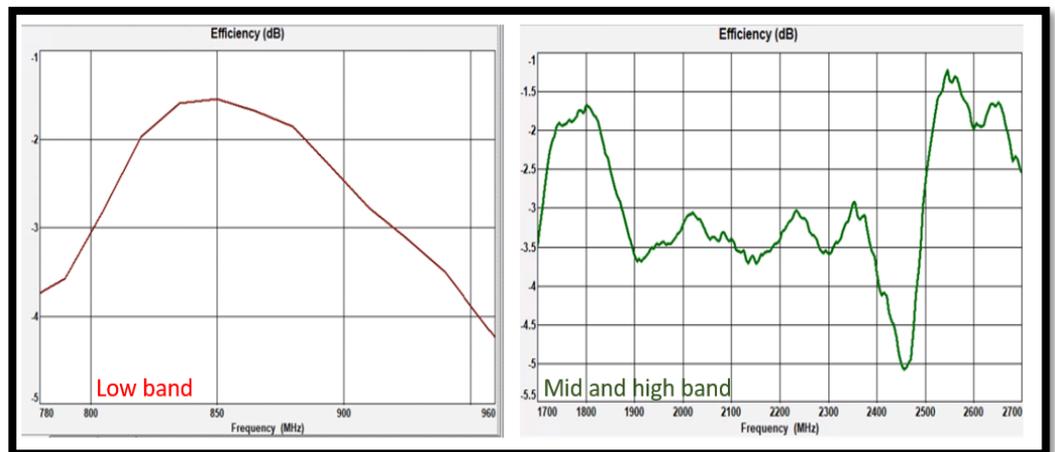
- ETS 8050 Antenna Anechoic Chamber
- Keysite 5071C VNA (Radiation Pattern Measurement)
- Agilent 5071C VNA (Return Loss Measurement)

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	5W			
Polarization	Linear			
Impedence(ohms)	50			

Return loss



Efficiency



Radiation Pattern

