

5G Paddle Dipole Antenna

FEATURES



- Enhanced hinge structure for vibration environs
- Dipole Antenna, Ground Plane Independent
- Wide band Antenna
- 698-2690 MHz Sub 6GHz Bands
- 2.8 dBi 5G NR Peak Gain
- Can be rotated horizontally (180°) or vertically (90°), suitable for compact space multi-antenna installation



The MyAntenna A E C A 0 0 2 range of antennas are designed to decrease the lifetime cost of M2M and mobile device installations by offering a robust, effective antenna that is easy to install and lasts the lifetime of the installation without the need for maintenance.

The antenna offers ground-plane independent Omni-directional performance across global cellular and LTE bands making it a versatile solution for any number of applications. The efficient element design ensures a high first time connection rate and an ongoing, robust communications link even in problematic coverage areas.

PRODUCTS

Part No.	Weight	Dimensions (L x W x H)	Connector	Color
AECA002	66g	221.7* 58* 7.6 mm	SMA-Male	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION		
Frequency Bands, MHz	698-960	1710-2690	5150-5850
VSWR (Max)	3.0:1	3.0:1	3.0:1
Peak Gain, dBi (Typ)	Up to 5.0		
Nominal Impedance	50 Ω		
Max Power (ambient temp of 25°C)	10 Watts		
Azimuth Beam Width (deg)	Omnidirectional		
Polarization	Linear, Omnidirectional		
Radome	PC, Black		
Storage Temperature Range (°C)	-40° C to +85° C		
Operational Temperature Range (°C)	-30° C to +80° C		
Material Substance Compliance	REACH/RoHS Compliant		
HSCODE	8517707090		
USHSCODE	8517620010		
UPC			

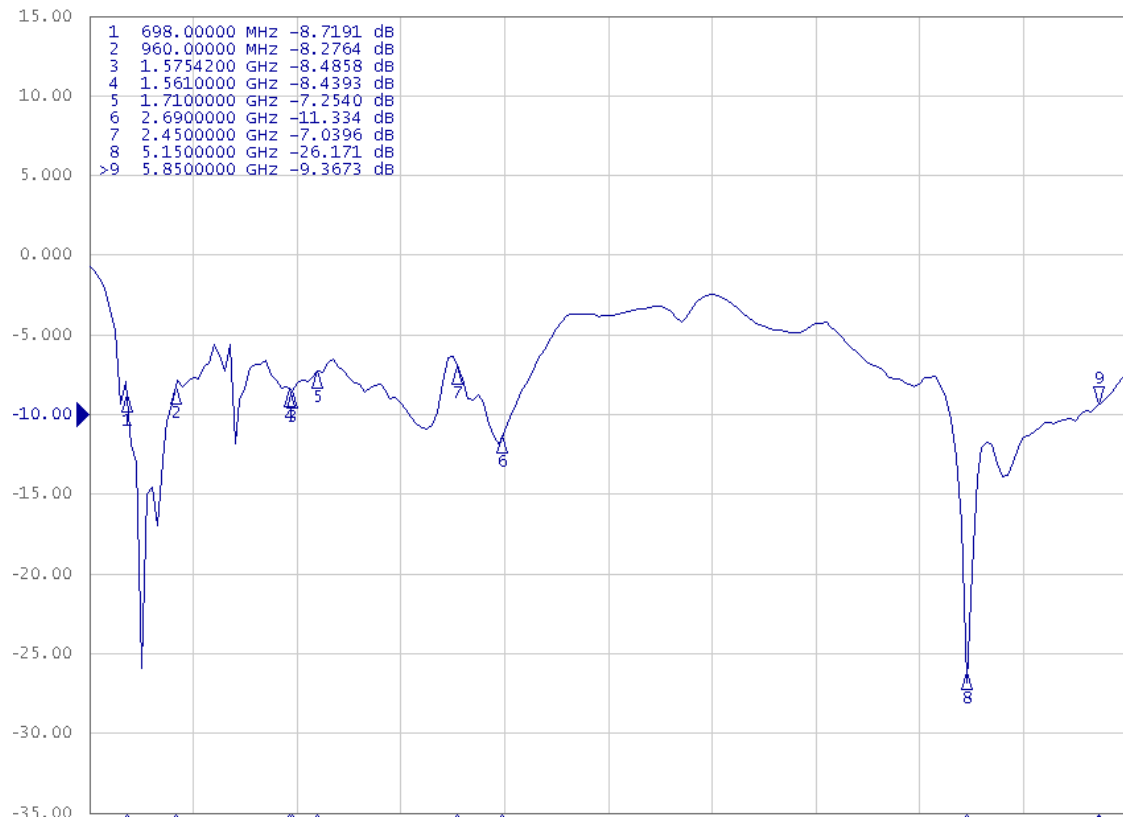
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ELECTRICAL DATA

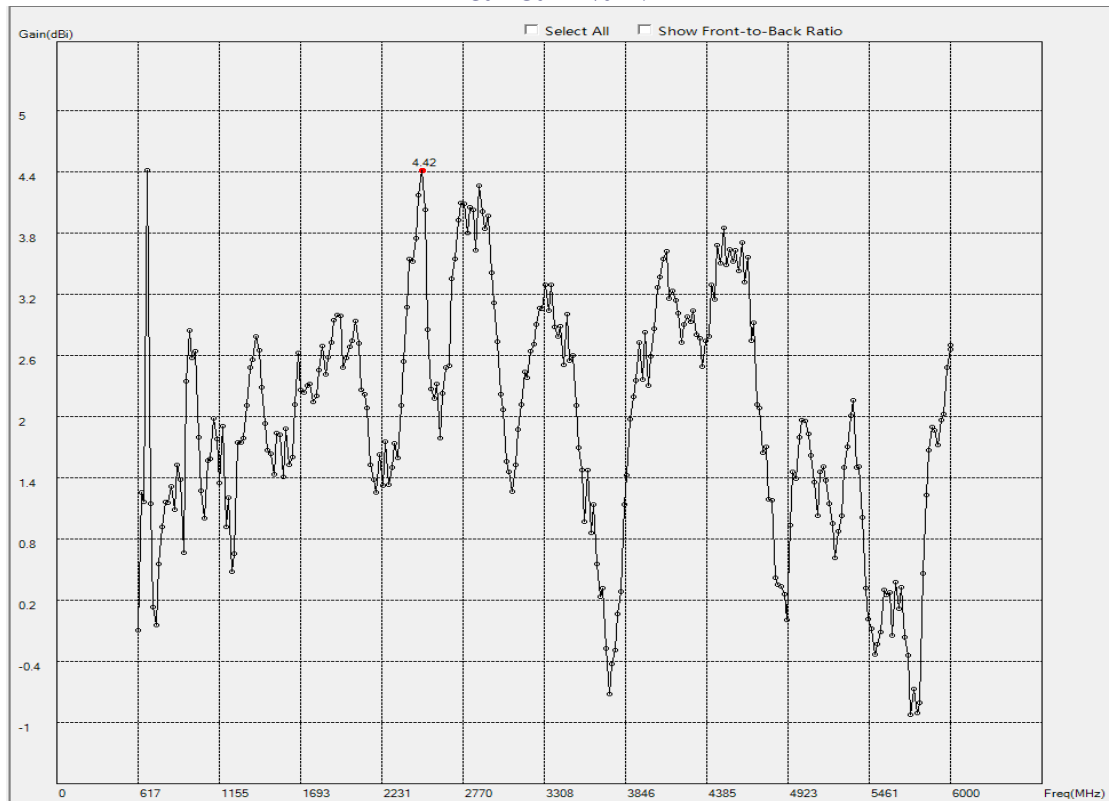
Return Loss



Efficiency (%)

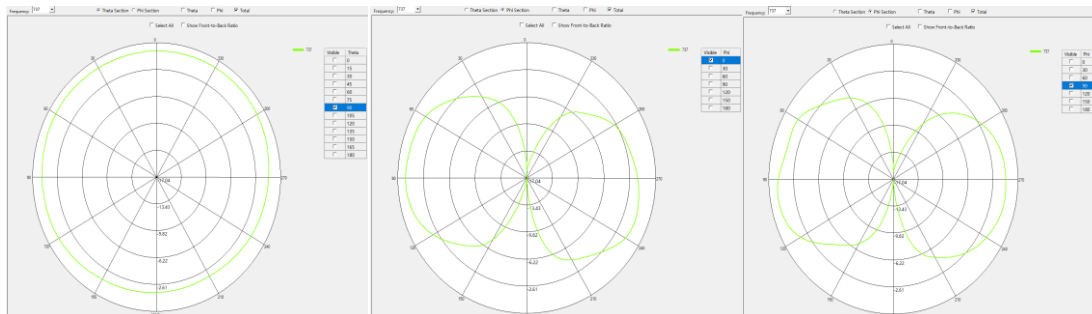


Peak Gain (dBi)

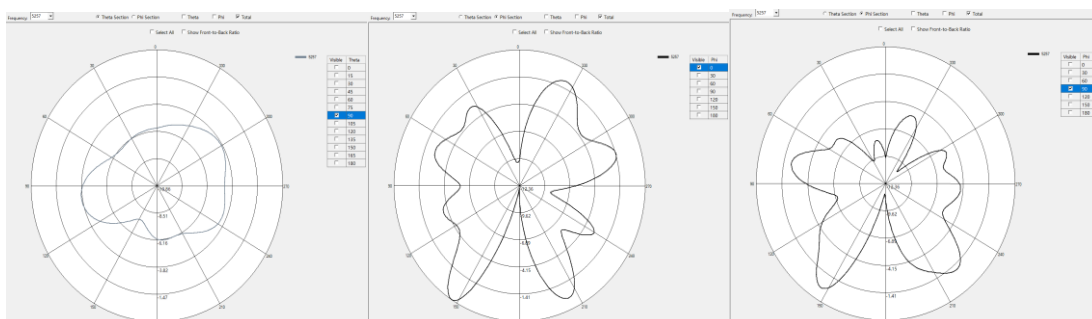


RADIATION PATTERNS

2D Radiation Pattern at 737MHz



2D Radiation Pattern at 2210MHz



HOUSING CONFIGURATIONS

