

4G flat rod antenna

FEATURES



- Enhanced hinge structure for vibration environs
- Designed for both Indoor & Outdoor applications
- Dipole Antenna, Ground Plane Independent
- Full 4GLTE backward compatibility
- 4.73 dBi Peak Gain
- Vertically (90°), suitable for compact space multi-antenna installation



The M02-0500660R0A 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
AECA005	14g	159*17.5*13.0mm	SMA-Male	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION	
Frequency Bands, MHz	824-960	1710-2690
VSWR (Max)	3.0:1	3.0:1
Peak Gain, dBi (Typ)	Up to 4.73	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	Omnidirectional	
Polarization	Linear, Omnidirectional	
Radome	ABS, White	
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		

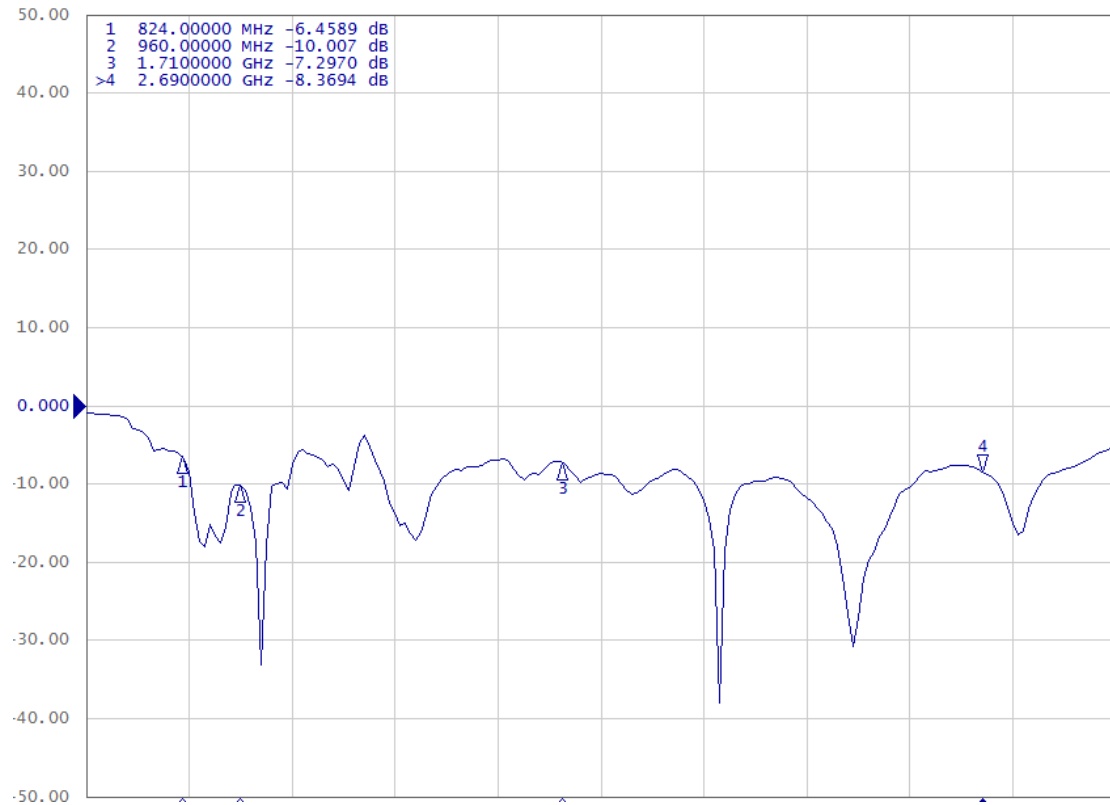
MyAntenna RF Technology Co., Ltd

ADD: No.RM 405, R3-A Building, Shenzhen High-Tech Park, Nanshan, Shenzhen, P.R. China.

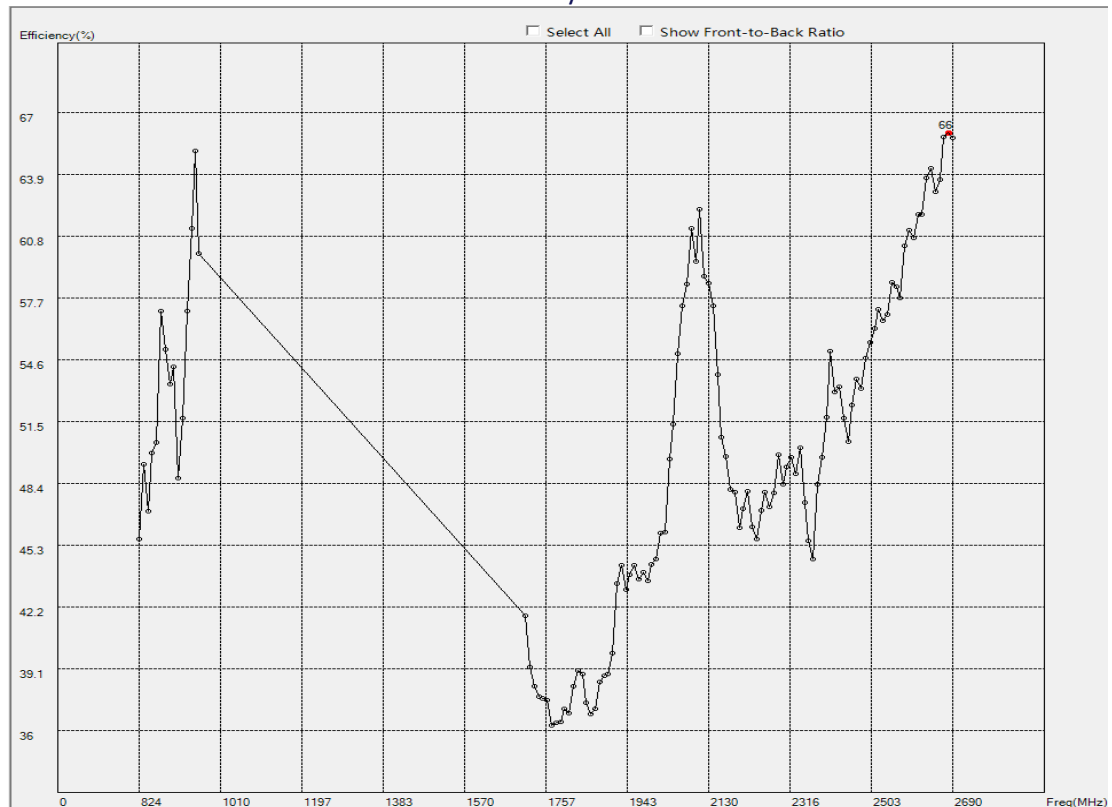
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL DATA

Return Loss



Efficiency (%)

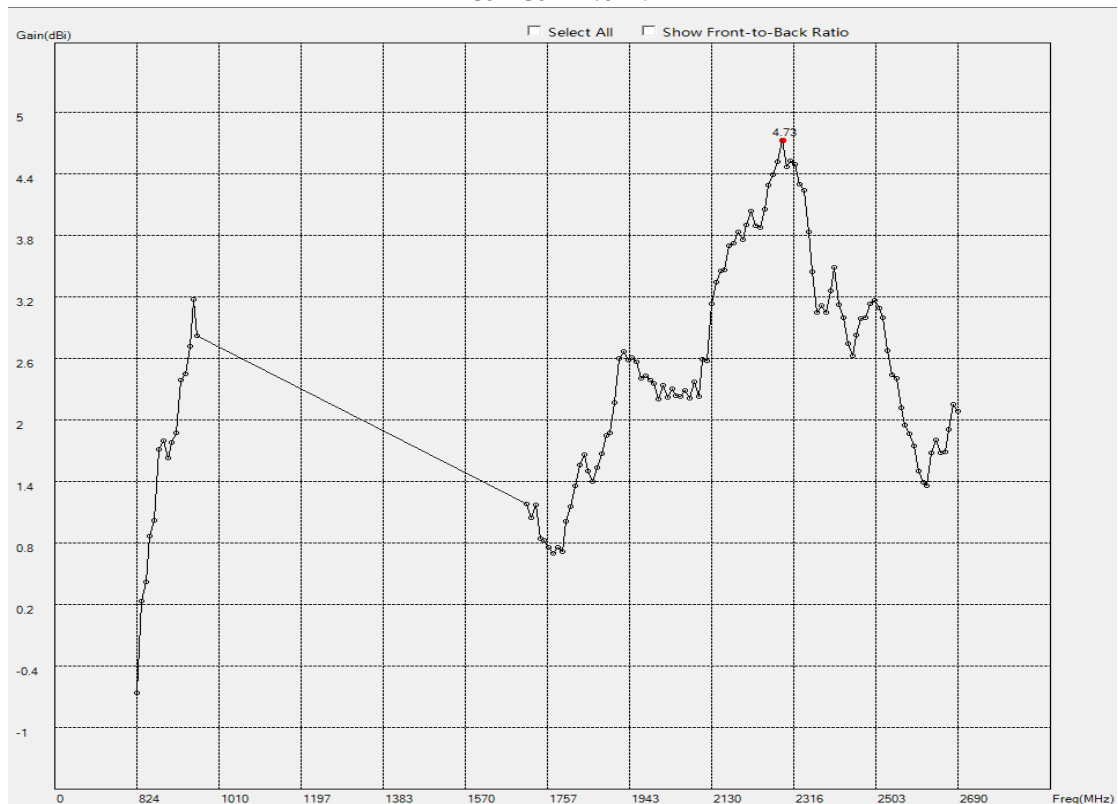


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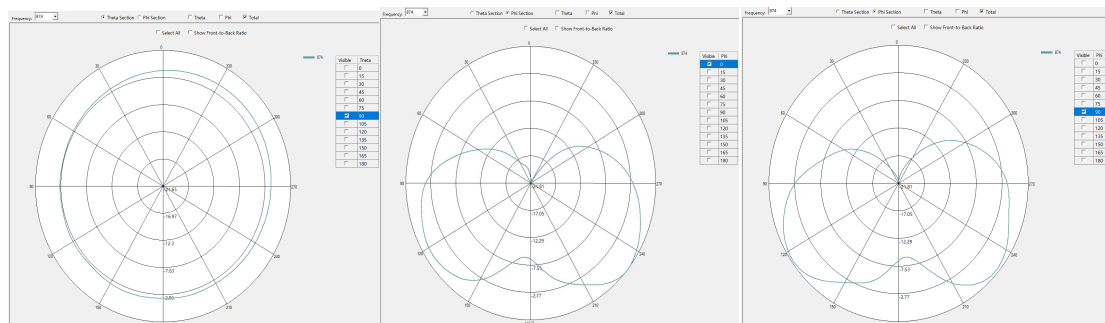
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Peak Gain (dBi)

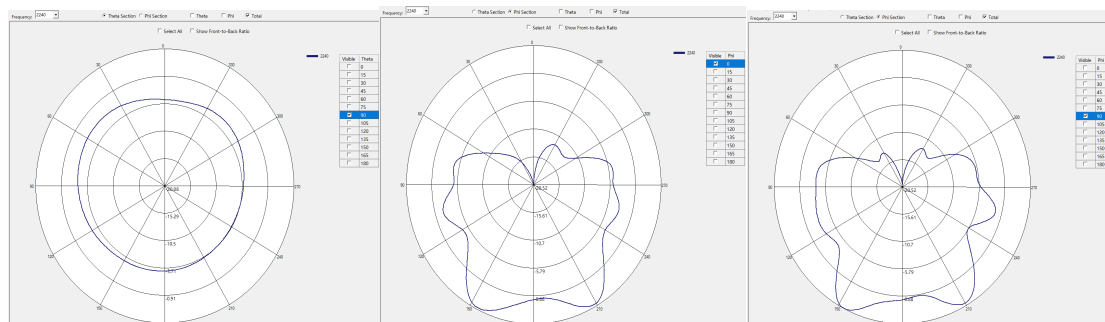


RADIATION PATTERNS

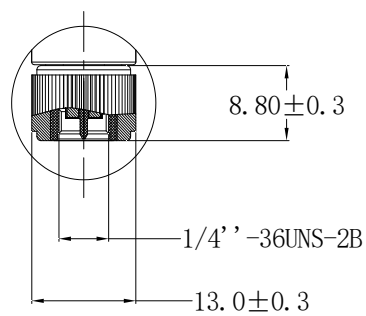
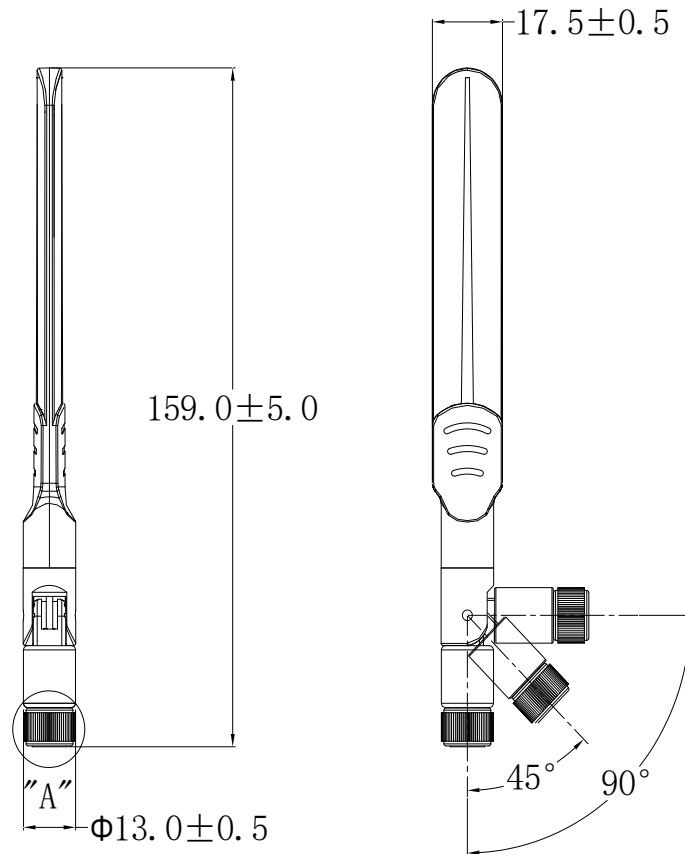
2D Radiation Pattern at 874MHz



2D Radiation Pattern at 2240MHz



HOUSING CONFIGURATIONS



DETAIL A
SCALE 2:1