

# 5G Paddle Dipole Antenna

## FEATURES



- Enhanced hinge structure for vibration environs
- Dipole Antenna, Ground Plane Independent
- Wide band Antenna
- 4.6 dBi Peak Gain
- Can be rotated horizontally (180°) or vertically (90°), suitable for compact space multi-antenna installation



The MyAntenna M02-0100020R0A 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
M02-0100020R0A	35g	225.39* 29.5* 7.5 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 4.6		
Nominal Impedance	50 $\Omega$		
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			

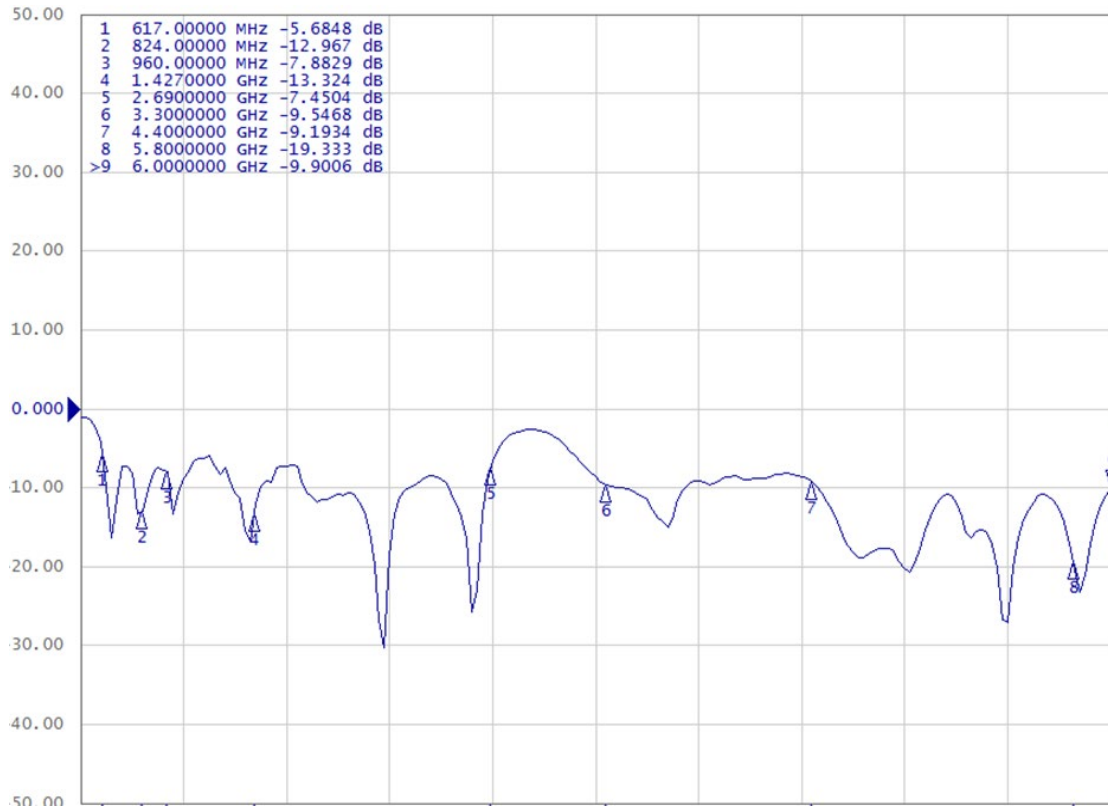
MyAntenna RF Technology Co., Ltd

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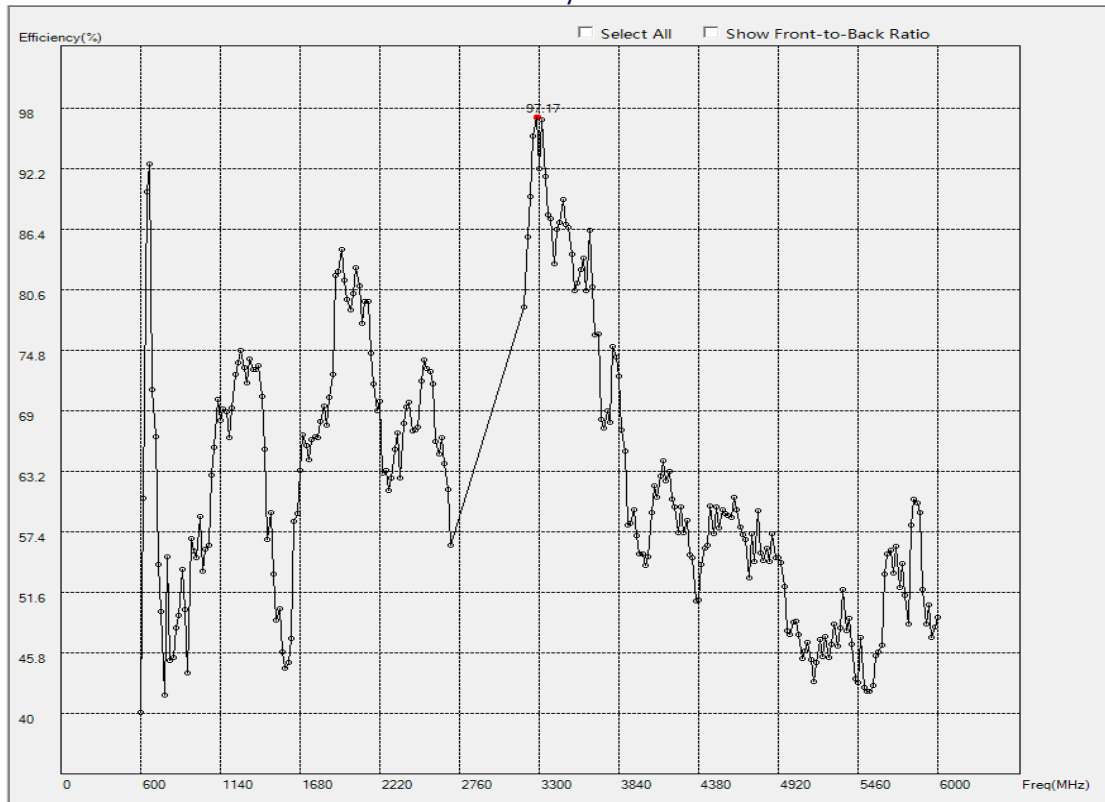
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: [nfc@myantenna.com](mailto:nfc@myantenna.com)

ELECTRICAL DATA

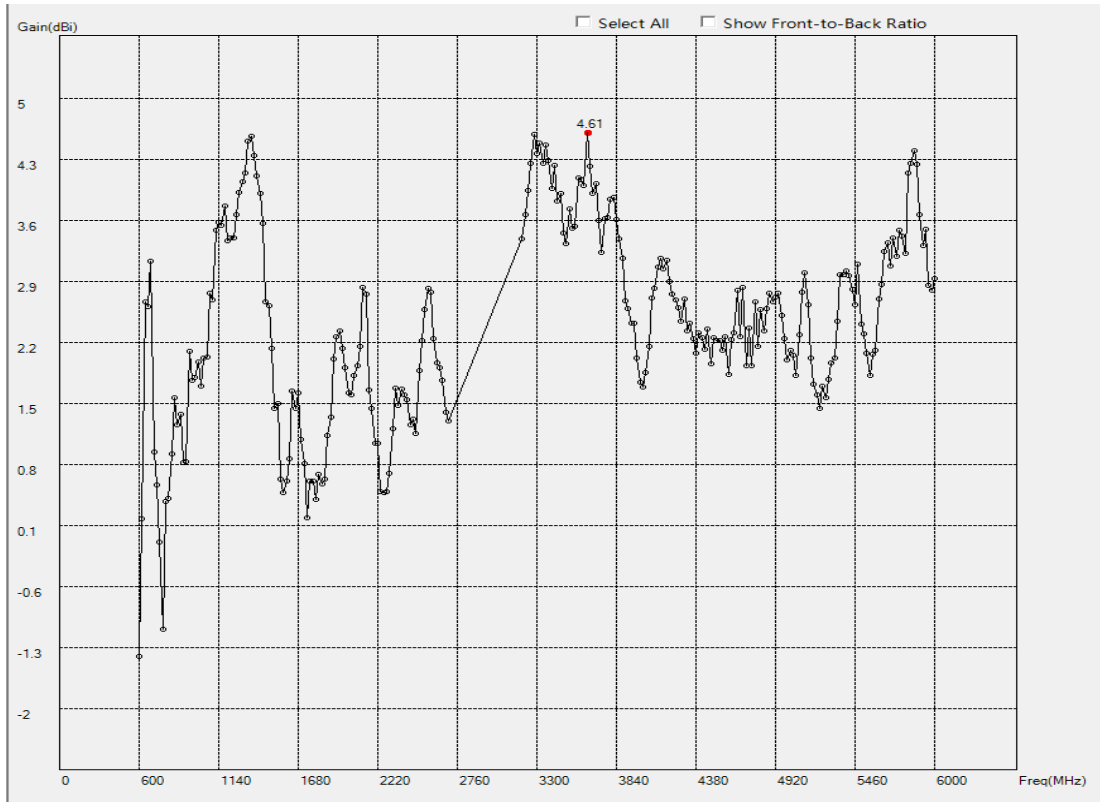
Return Loss



Efficiency (%)

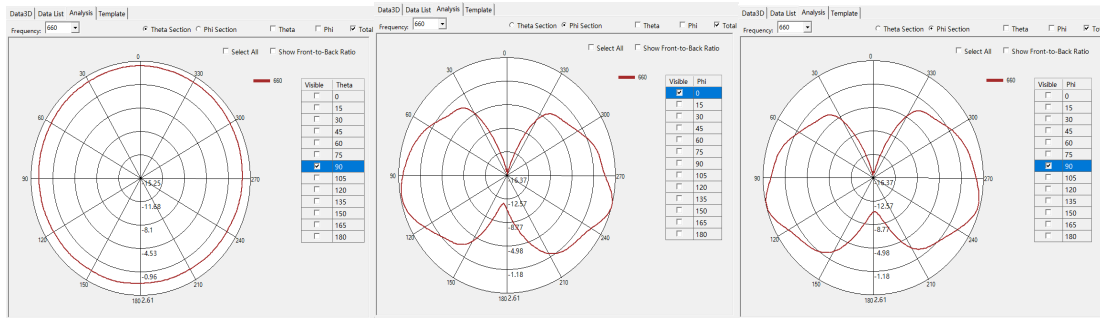


Peak Gain (dBi)

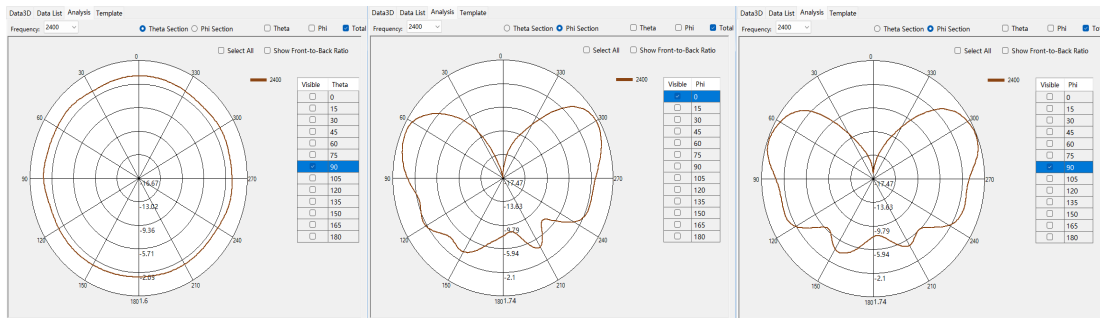


## RADIATION PATTERNS

### 2D Radiation Pattern at 660MHz



### 2D Radiation Pattern at 2400MHz



HOUSING CONFIGURATIONS

