

# 868MHz Rod Antenna

## FEATURES

- Designed for RFID, LoRa, Helium
- Dipole Antenna, Ground Plane Independent
- Full 860-870MHz backward compatibility
- 2.0 dBi Peak Gain, Linear, Omnidirectional



The MyAntenna M02-0400210R0A 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 Helium/LoRa 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
M02-0400210R0A	21g	Φ13*195mm	RP-SMA-Male	Black

## SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	860-870
VSWR (Max)	3.0:1
Peak Gain, dBi (Typ)	Up to 2.5
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	

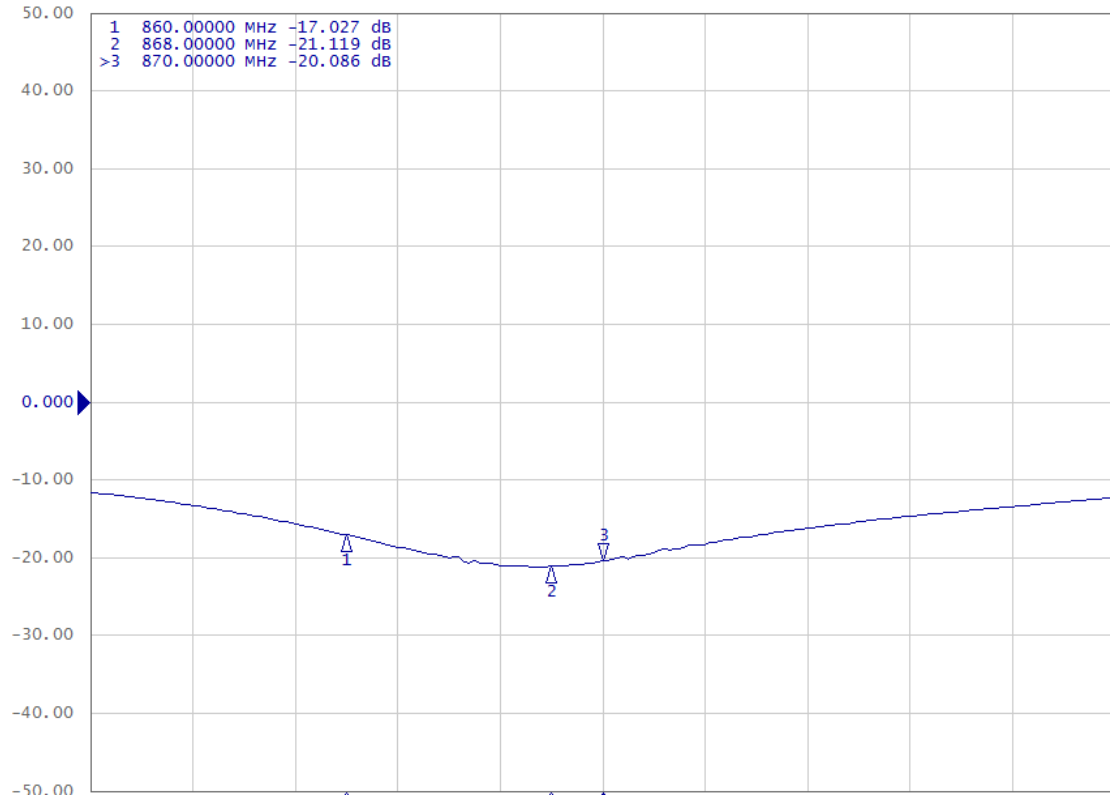
MyAntenna RF Technology Co., Ltd

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

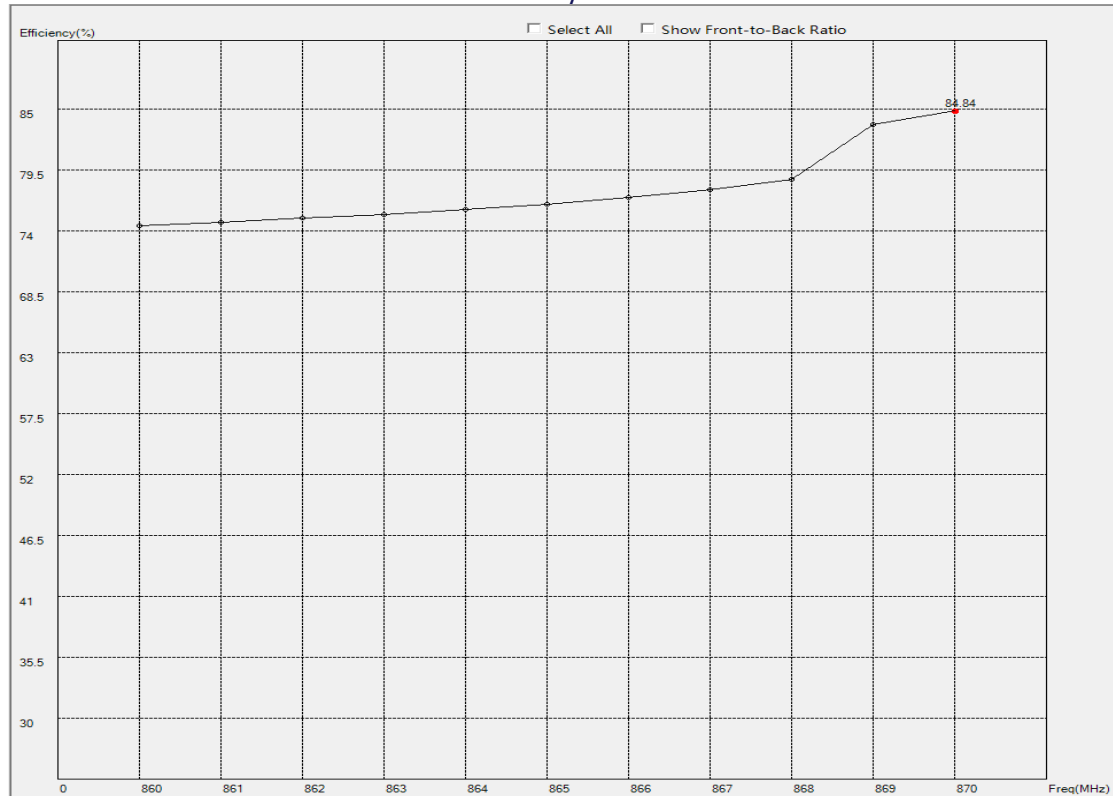
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: [nfc@myantenna.com](mailto:nfc@myantenna.com)

## ELECTRICAL DATA

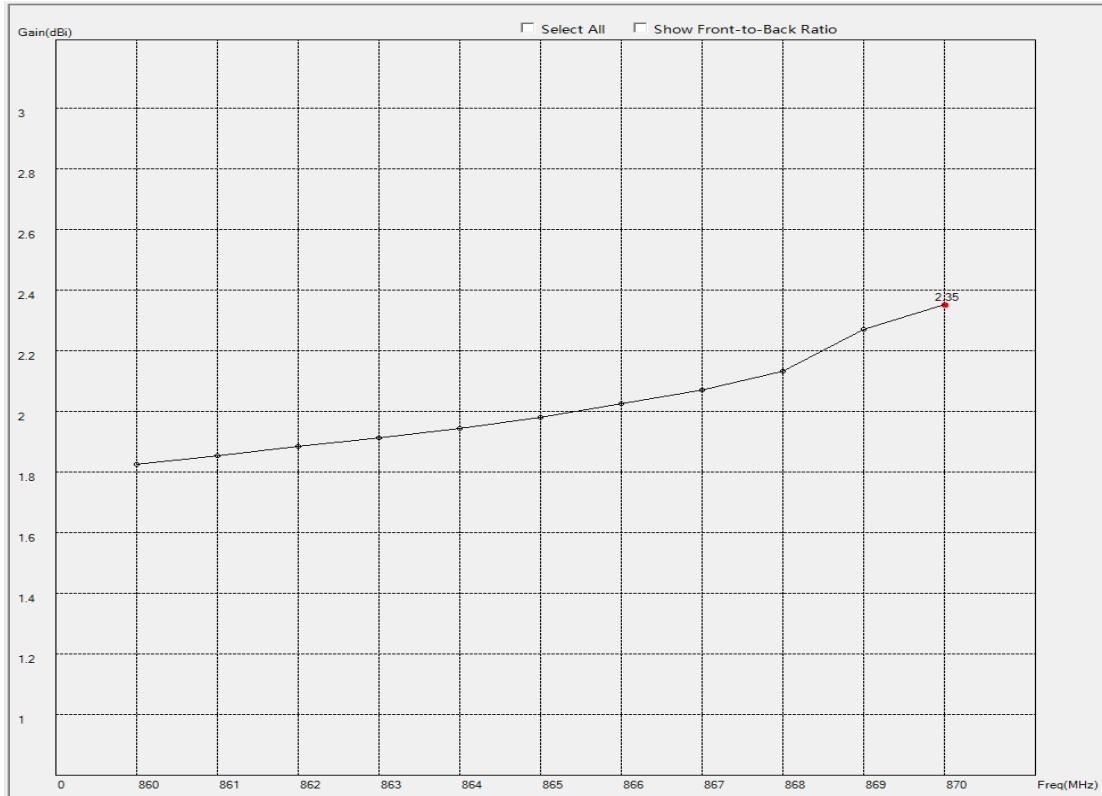
### Return Loss



### Efficiency (%)

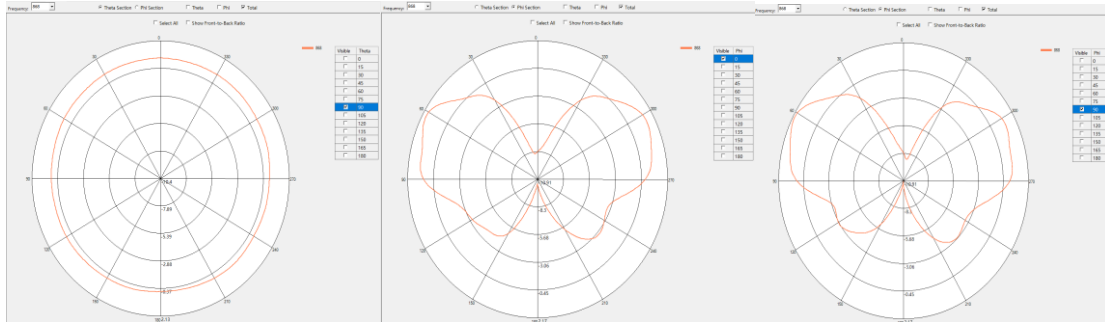


Peak Gain (dBi)



RADIATION PATTERNS

2D Radiation Pattern at 868MHz



HOUSING CONFIGURATIONS

