

Long Range Indoor/Outdoor 860-930MHz 3dBi Monopole Antenna

FEATURES



- Designed for LongFi, LoRa, Helium
- Monopole Antenna, Ground (Cable) Plane dependent
- High gain 3dBi dual-band for 868MHz and 915MHz
- CE RoHS certified
- The robust IP65 enclosure ensures dust-proof and water-resistant capabilities



The MyAntenna M02-0400260R0A 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)	cable	installation	Connector	Color
M02-0400260R0A	207g	Φ 62*292.7mm	1000mm RG58	Magnetic suction	RP-SMA-Female	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency (MHz)	860-930
VSWR (Max)	2.2:1
Peak Gain, dBi (Typ)	Up to 3.0
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear
Radome	ABS, Black
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-30° C to +80° C
Material Substance Compliance	CE/RoHS Compliant
HSCODE	8517707090
USHSCODE	8517620010
UPC	

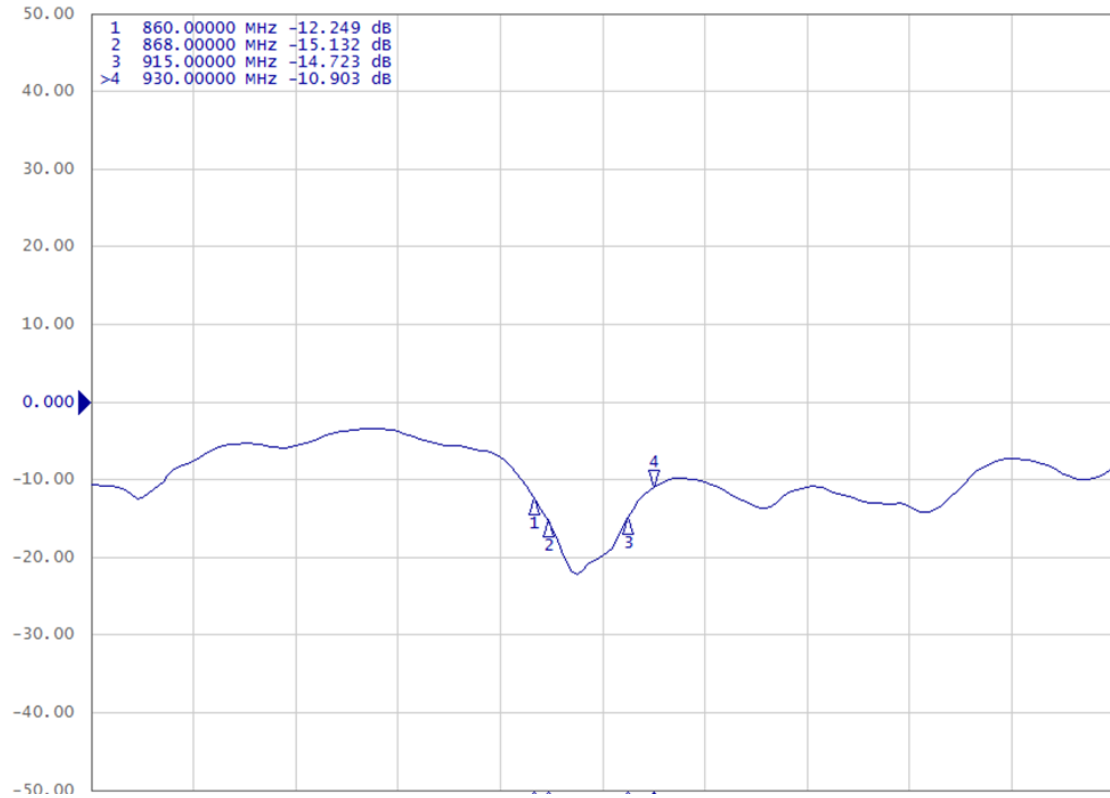
MyAntenna RF Technology Co., Ltd

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

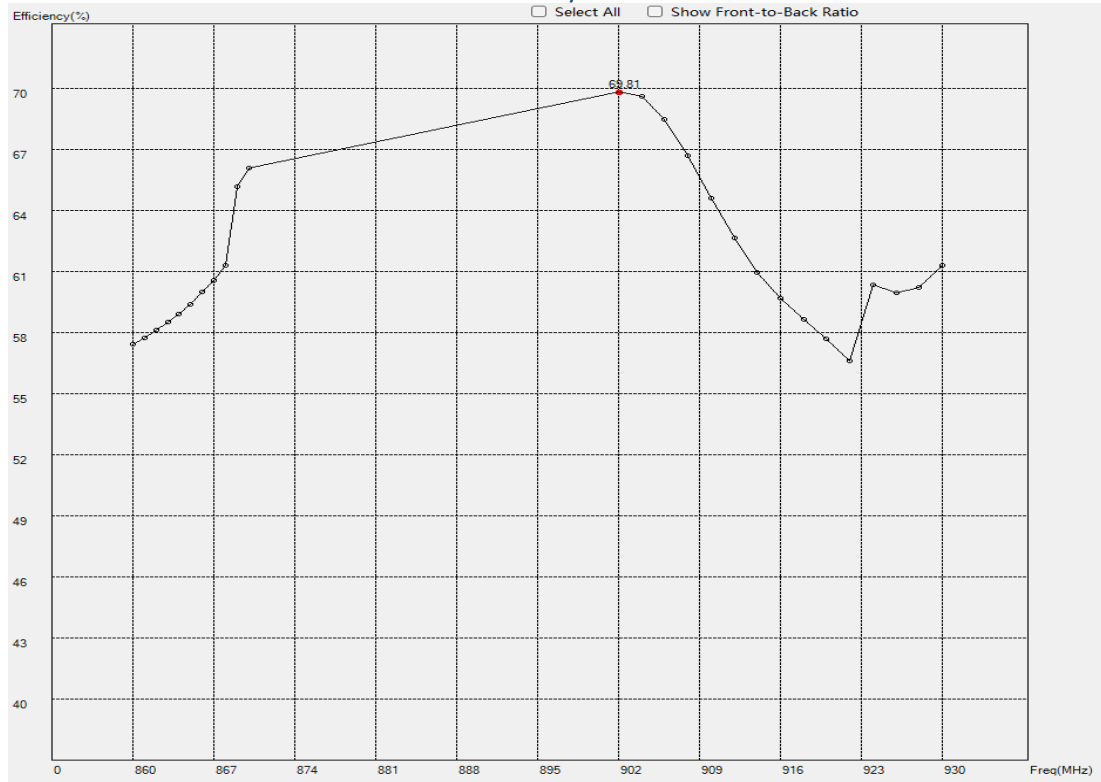
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL DATA

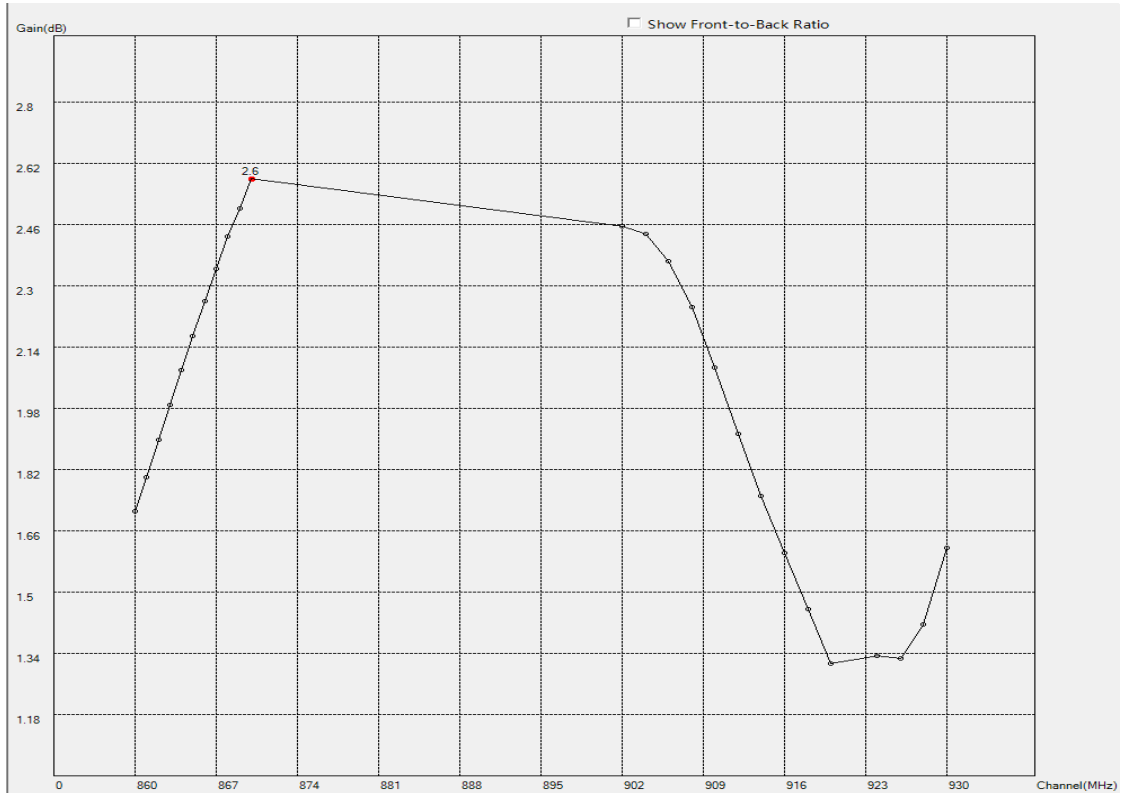
Return Loss



Efficiency (%)

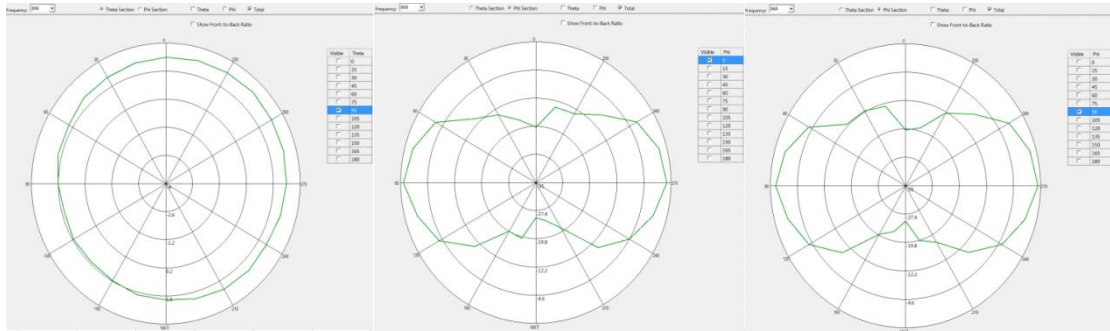


Peak Gain (dBi)

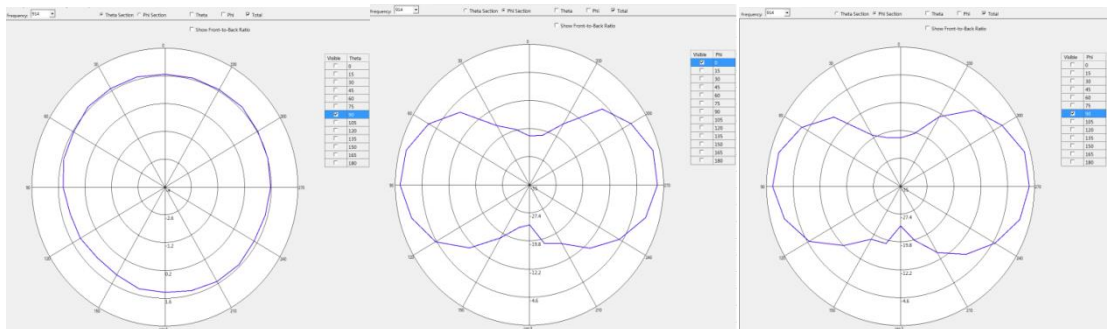


RADIATION PATTERNS

2D Radiation Pattern at 868MHz



2D Radiation Pattern at 915MHz



HOUSING CONFIGURATIONS

