

2.81dBi 2.4G Rod Antenna

FEATURES



- Mini 2.4GHz PCB Antenna
- 2.81dBi Peak Gain, Omnidirectional



The MyAntenna M02-0600100R0A 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.

PRODUCTS

Part No.	Weight	Dimensions (L x W x H)	Connector	Color
M02-0600100R0A	12g	Φ13*134mm	SMA-Female	White
M02-0600160R0A	12g	Φ13*134mm	SMA MACHO	White

SPECIFICATIONS

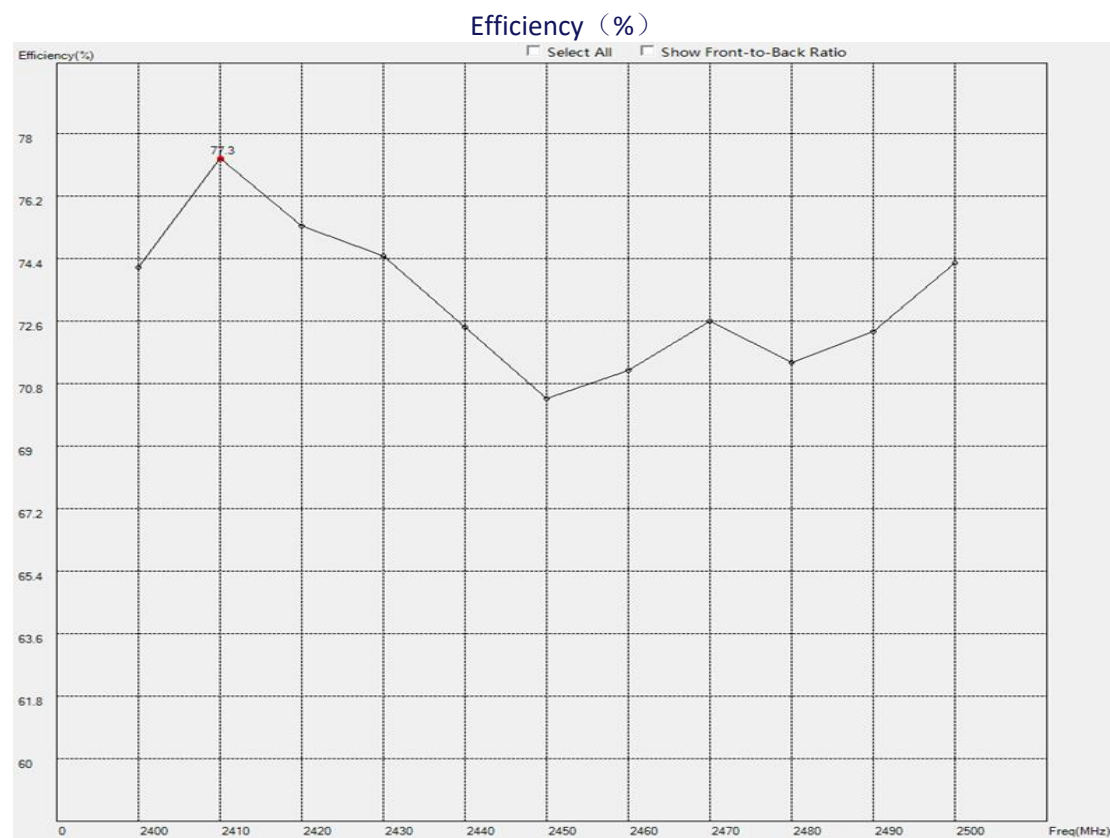
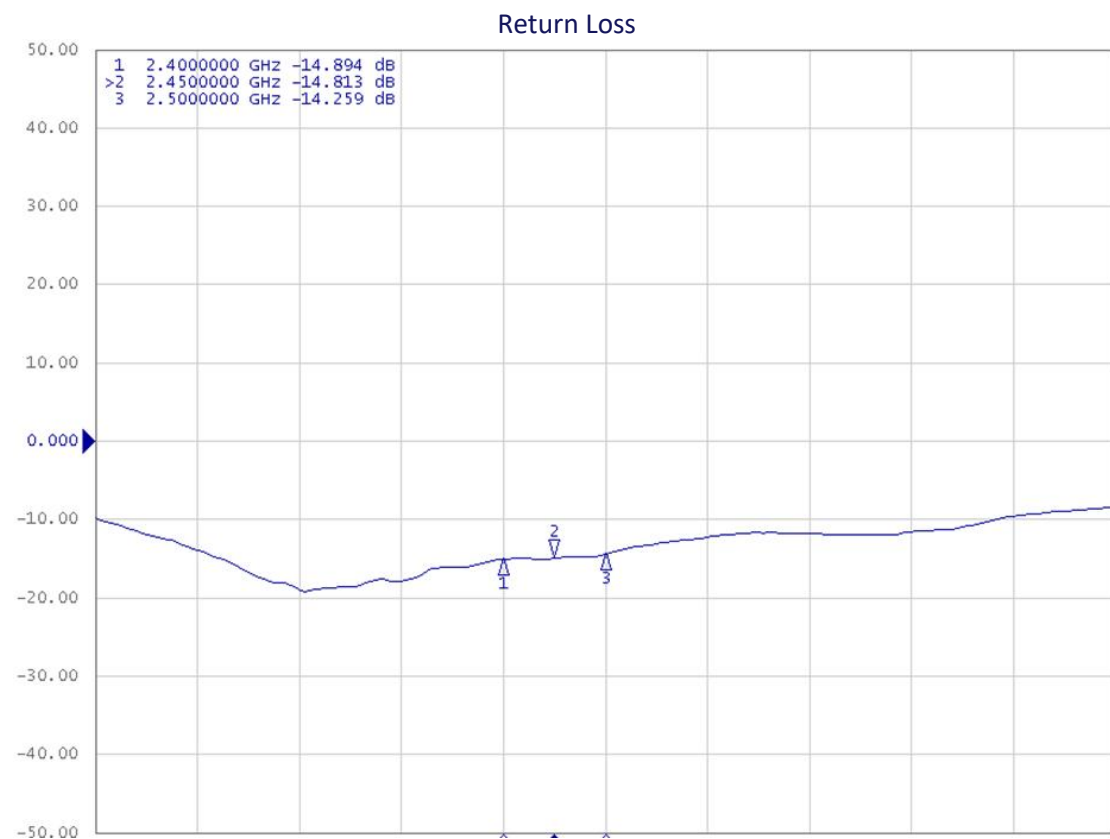
PARAMETER	SPECIFICATION
Frequency Bands, MHz	2400-2500
VSWR (Max)	3.0:1
Peak Gain, dBi (Typ)	Up to 2.81
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear, Omnidirectional
Radome	PC, White
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-30° C to +80° C
Material Substance Compliance	RoHS Compliant
HSCODE	8517707090
USHSCODE	8517620010
UPC	

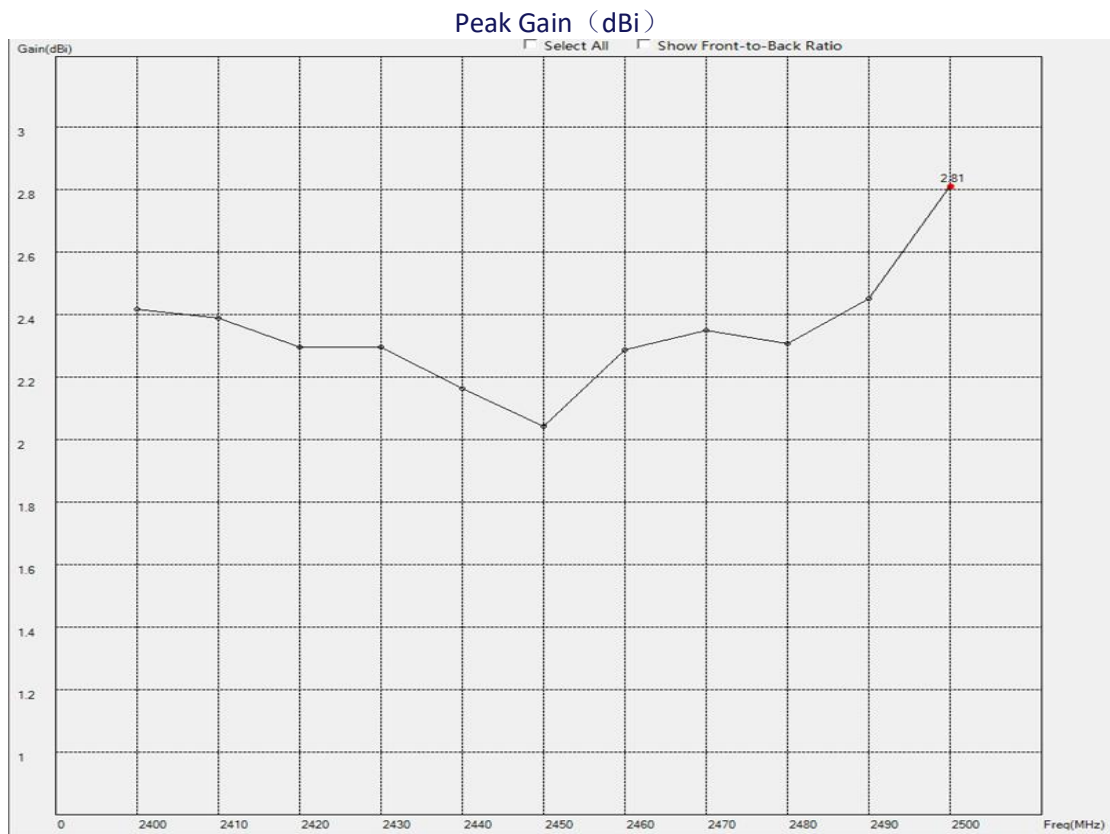
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ELECTRICAL DATA



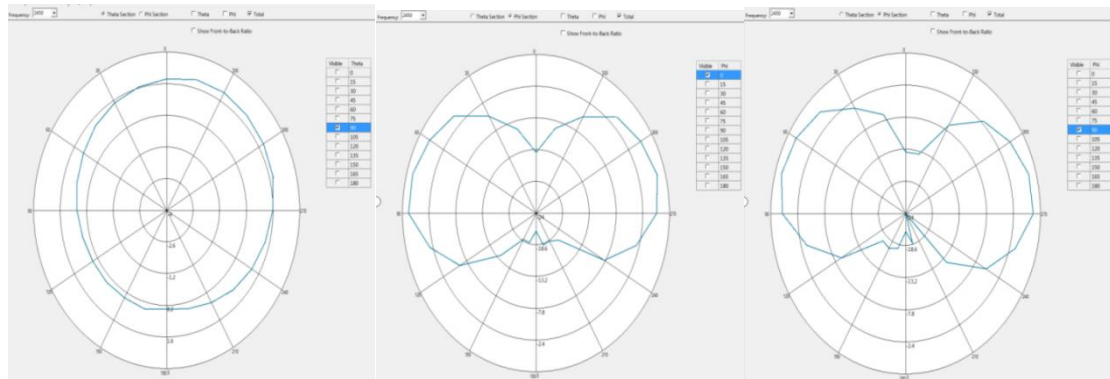


Efficiency and gain data

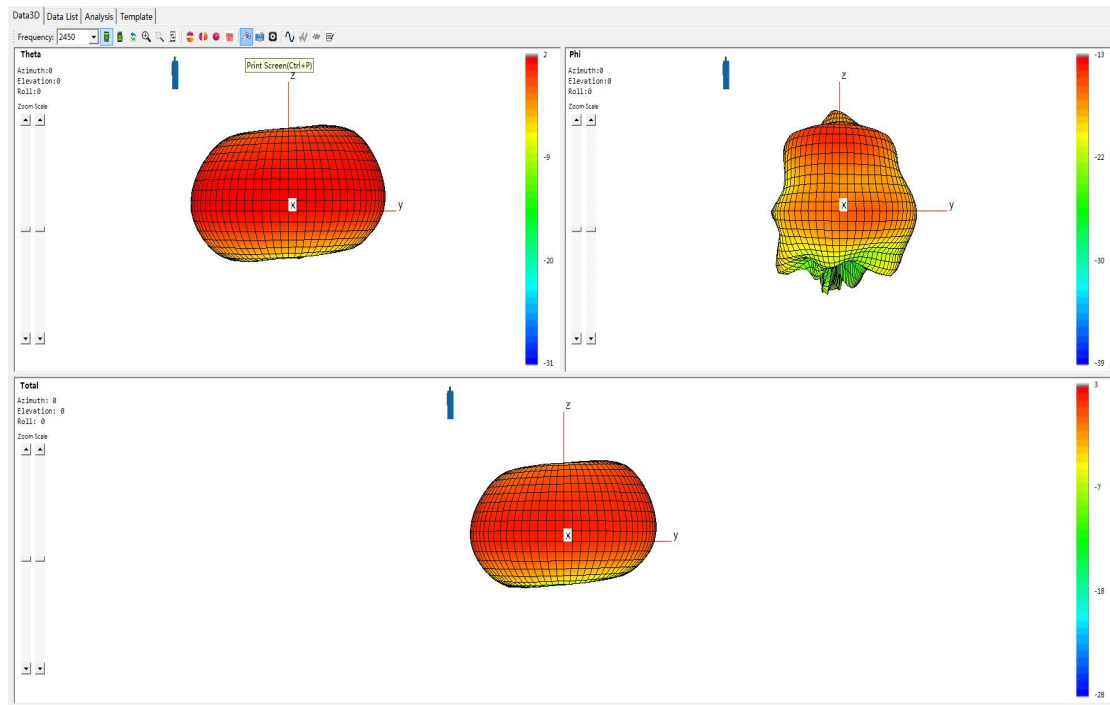
Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	2.42	74.14
2410	2.39	77.30
2420	2.30	75.34
2430	2.29	74.47
2440	2.16	72.43
2450	2.04	70.38
2460	2.29	71.19
2470	2.35	72.60
2480	2.31	71.41
2490	2.45	72.29
2500	2.81	74.28

RADIATION PATTERNS

2D Radiation Pattern at 2450MHz



3D Radiation Pattern at 2450MHz



HOUSING CONFIGURATIONS

