

2J3702M-2.4

2.4 GHZ ISM Magnetic Mount

Key Features

2.4 GHz ISM

- 2410-2490 MHZ

Magnetic Mount

Ground Plane Dependent

Customizable Cable and Connector

Dimensions Ø 31 x 71.5 mm

Certificates IP67



1. Antenna and electrical specifications

Parameters	2.4 GHz ISM Antenna
Standards	WiFi, BT, ZigBee, ISM
Band (MHz)	2.4 GHz
Frequency (MHz)	2410-2490
Return Loss (dB)	~-22.7
VSWR	~1.2:1
Efficiency (%)	~43
Peak Gain (dBi)	~1.6
Average Gain (dB)	~-3.6
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	25
Connector Type	RP-SMA-Male Standard (Other Connectors Available)
Cable Length	300 cm Standard (Any Cable Length Available)
Cable Type	RG174 Standard (Other Cables Available)

Antenna Measurement Conditions:

Mounted on 30 x 30 cm Metal Plate

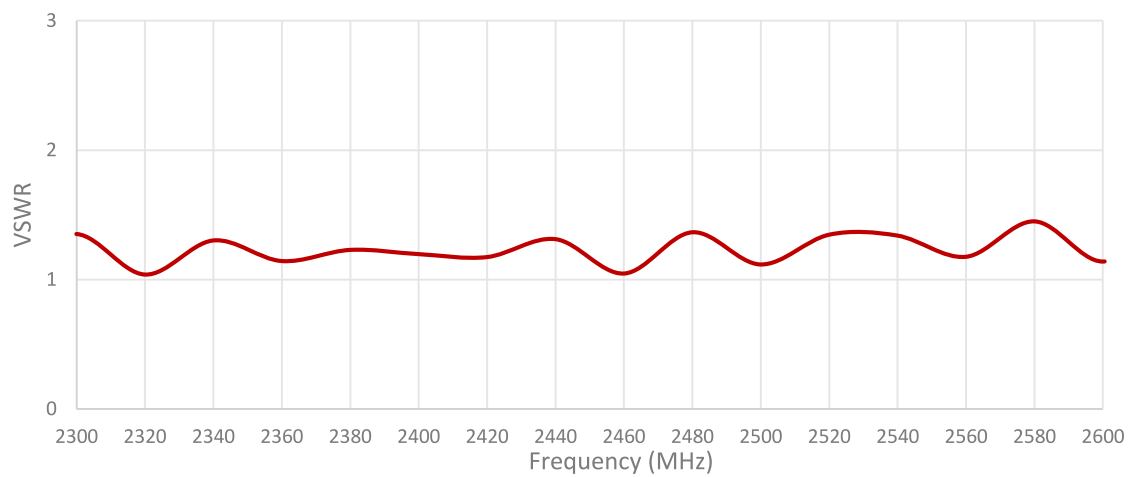
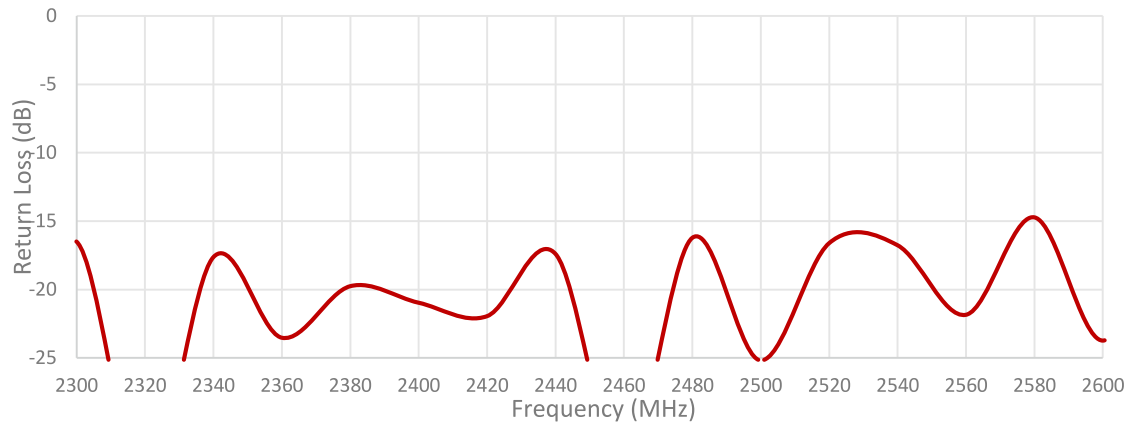
200 cm RG174 Cable

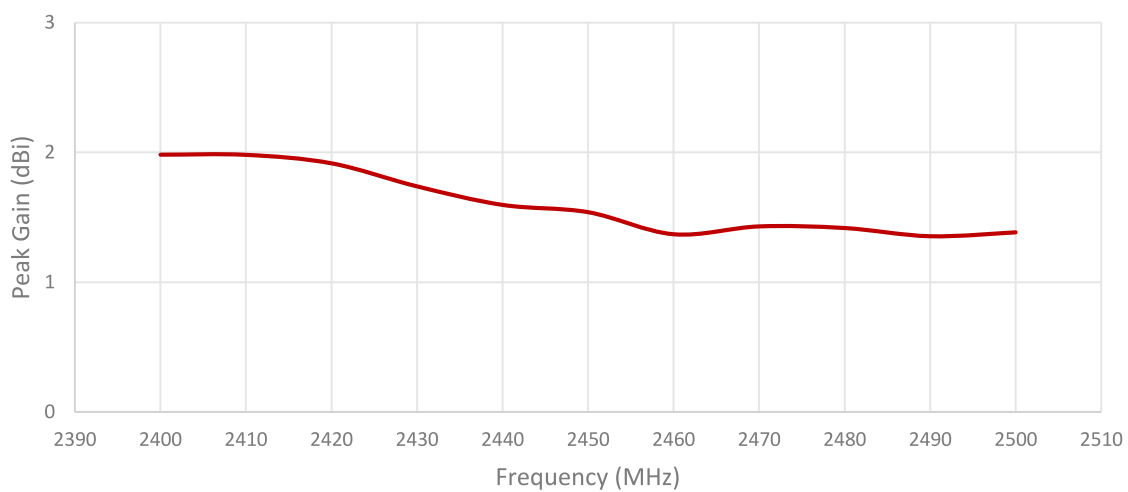
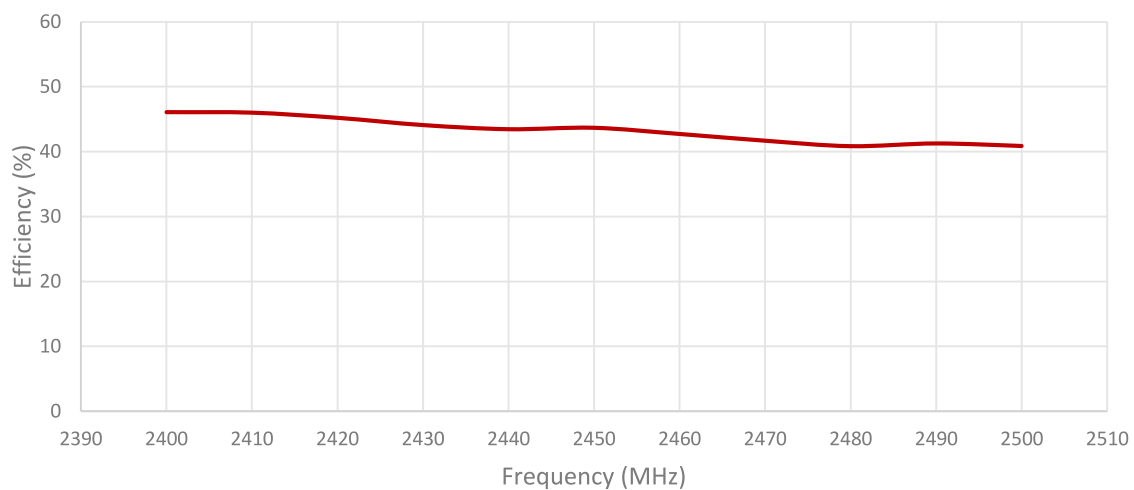
Measured in Certified CTIA 3D Anechoic Chamber

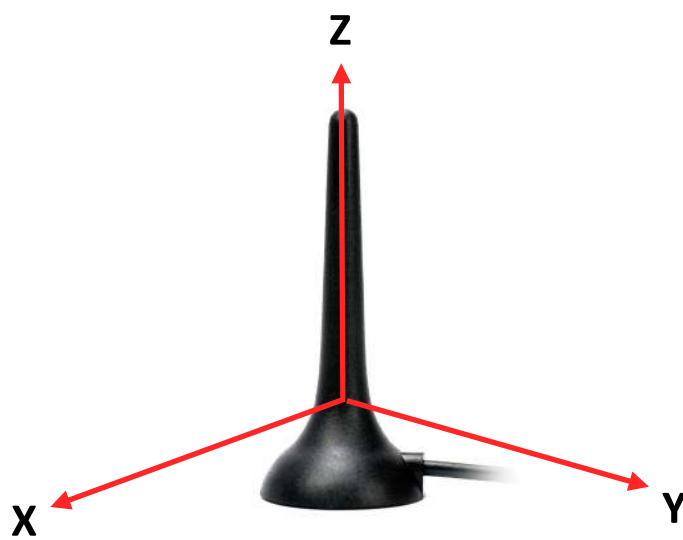
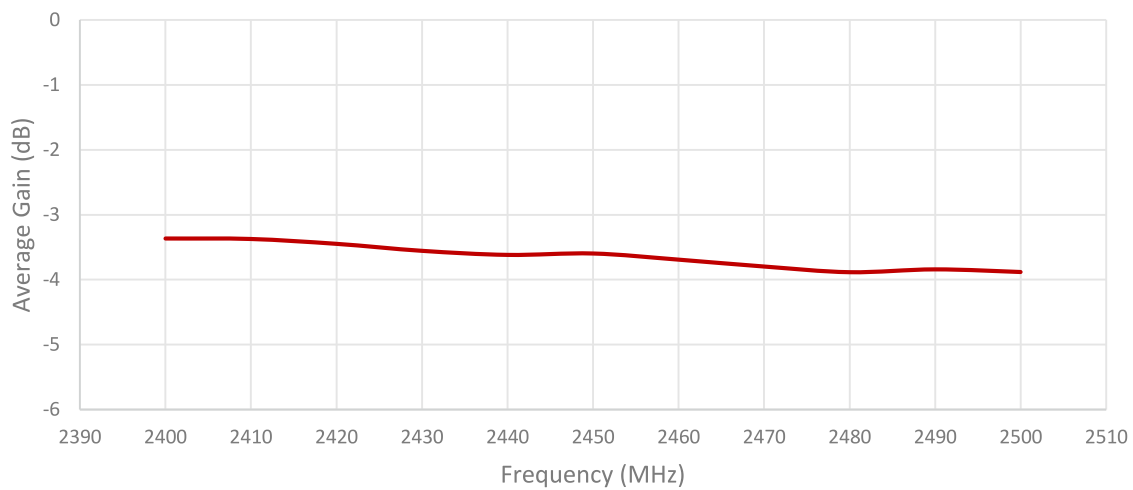
2. Mechanical and environmental specifications

Specifications	2J3702M-2.4
Mounting Type	Magnetic Mount
Dimensions (mm)	Ø 31 x 71.5
Radome Type	ABS
Radome Color	Black
Antenna Base	ABS
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS
Certificates	IP67

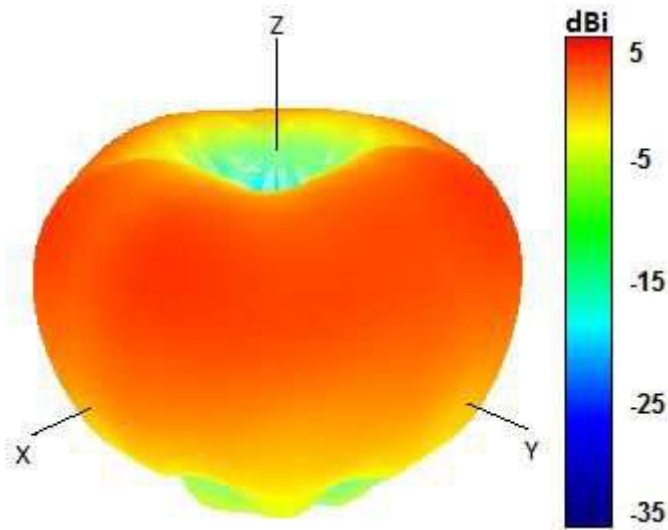
3. Antenna parameters





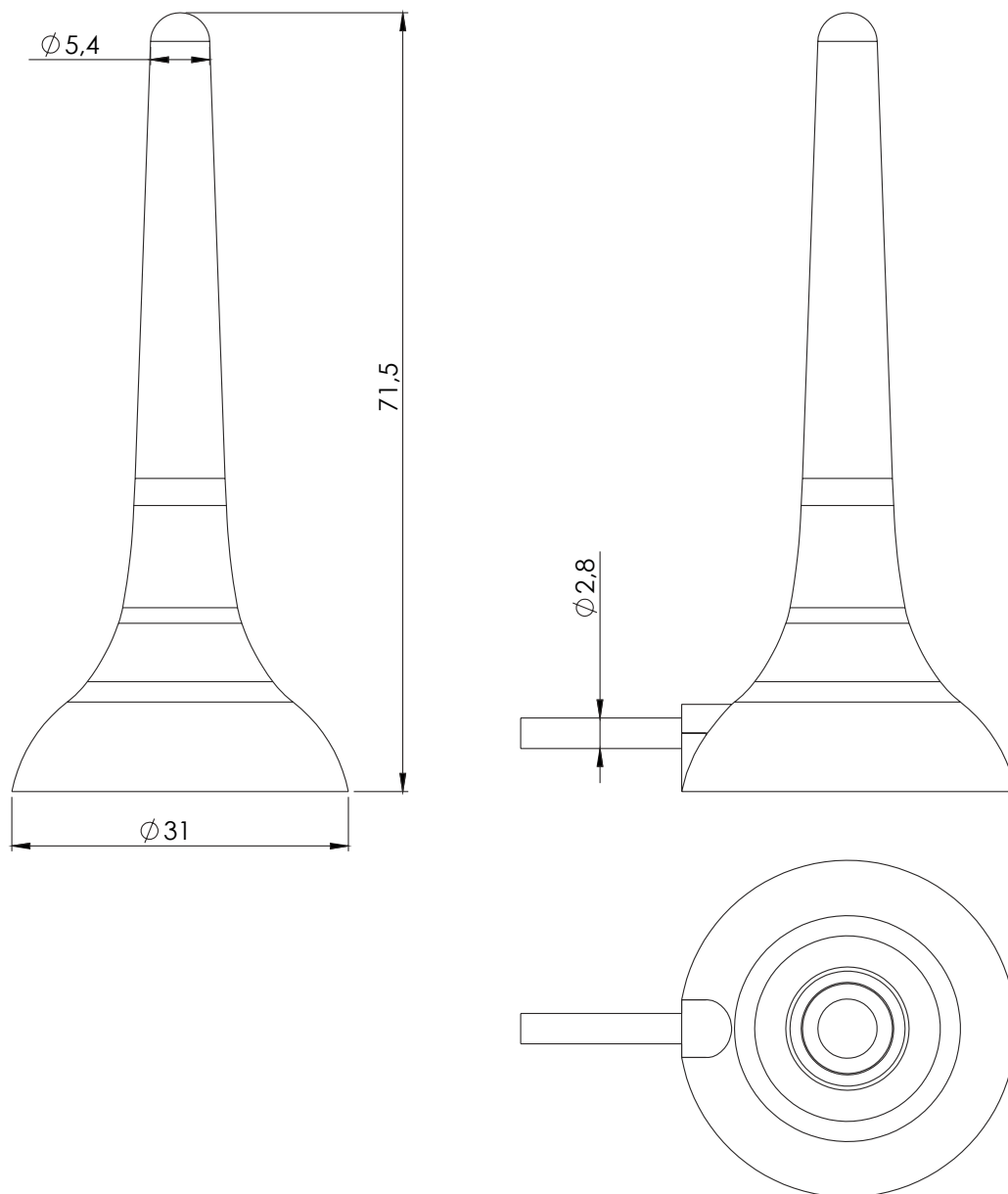


Radiation pattern reference



2450 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

