

2J7602B-2.4

2.4 GHz ISM Screw Mount

Key Features

2.4 GHz ISM

- 2410-2490 MHz

Screw Mount

Ground Plane Independent

Customizable Cable and Connector

Dimensions: Ø 50 x 50.8 mm

Certificates: IP67, IP69



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)	~-9.4
VSWR	~2.0:1
Efficiency (%)	~41.5
Peak Gain (dBi)	~3.9
Average Gain (dB)	~-3.8
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	25
Connector Type	Most RF Connectors (SMA-RP Male Standard)
Cable Length	Any Cable Length (300cm Standard)
Cable Type	Other Cables Available (LL100 Standard)

Antenna Measurement Conditions:

Mounted on 30 x 30 cm Metal Plate

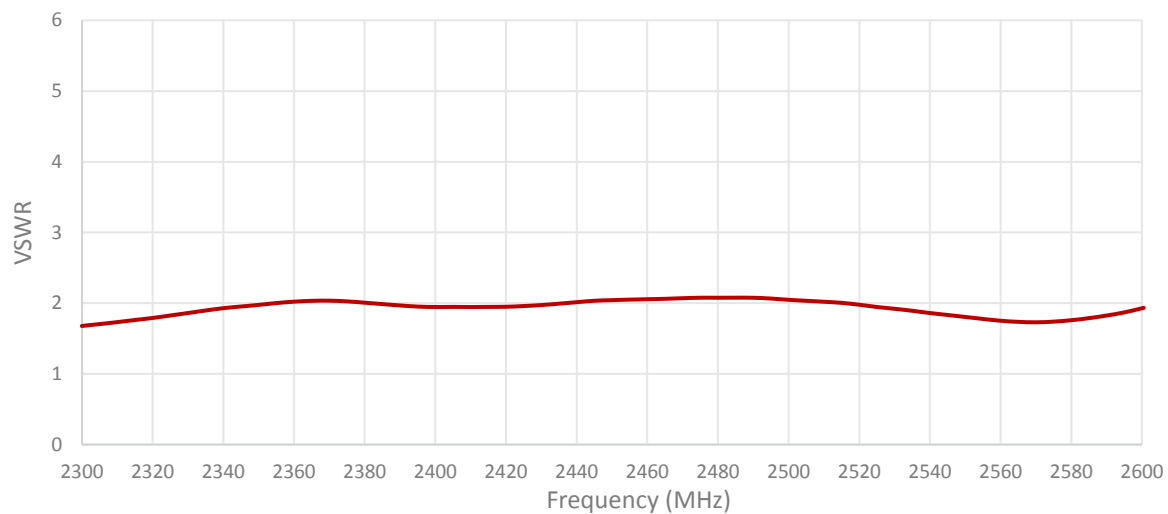
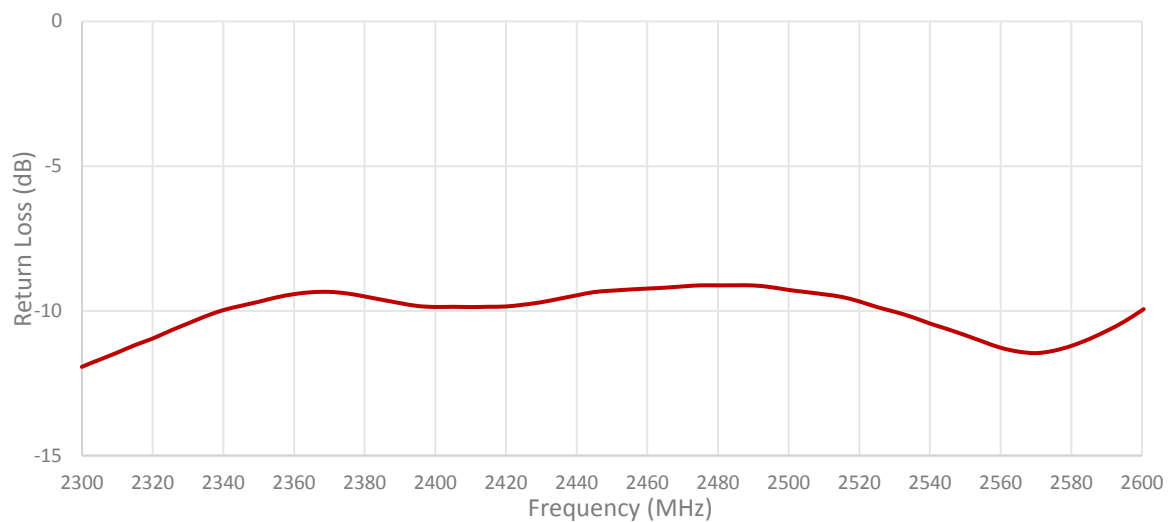
100 cm of LL100 Cable

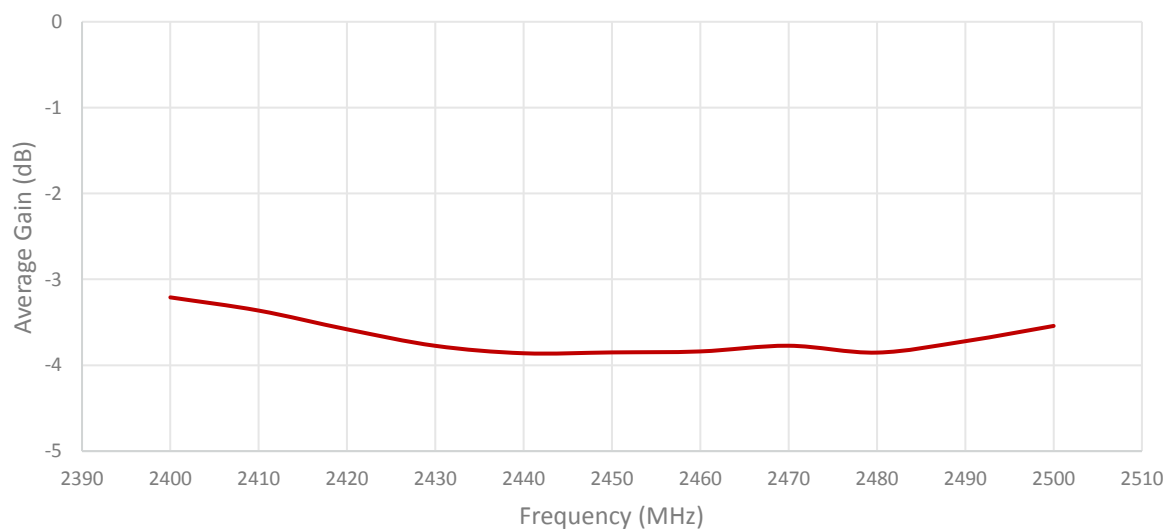
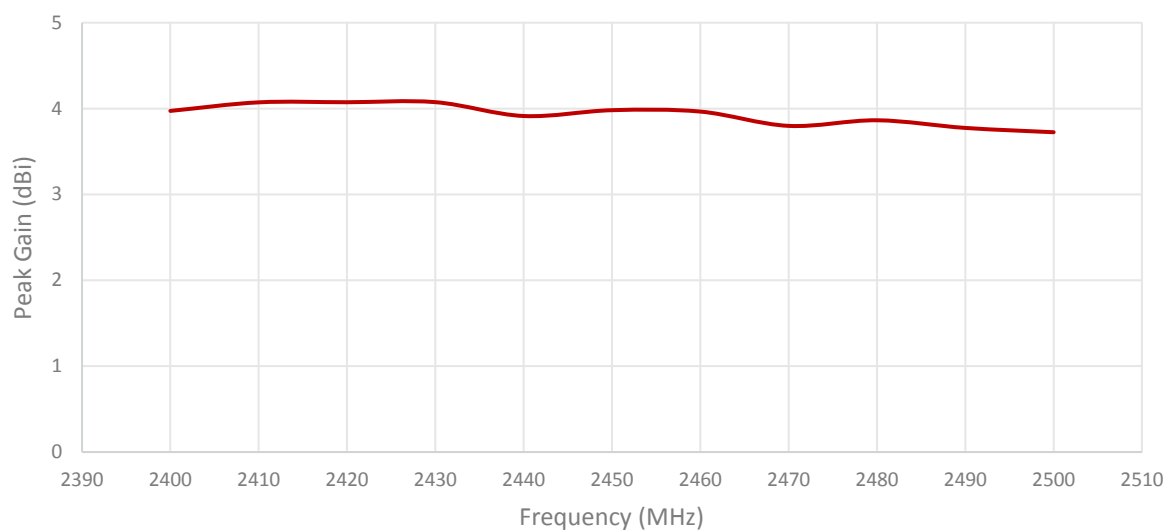
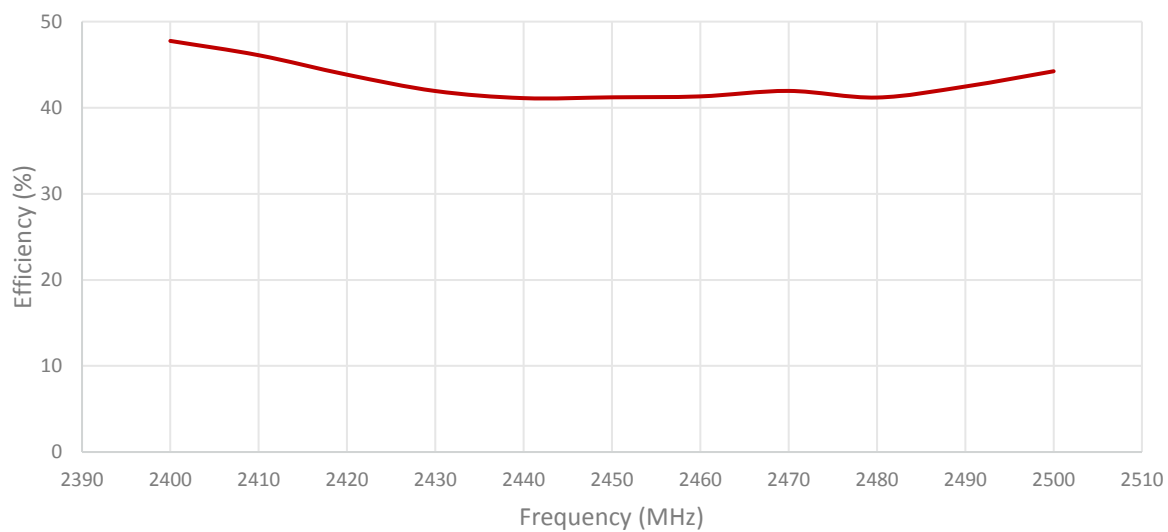
Measured in Certified CTIA 3D Anechoic Chamber

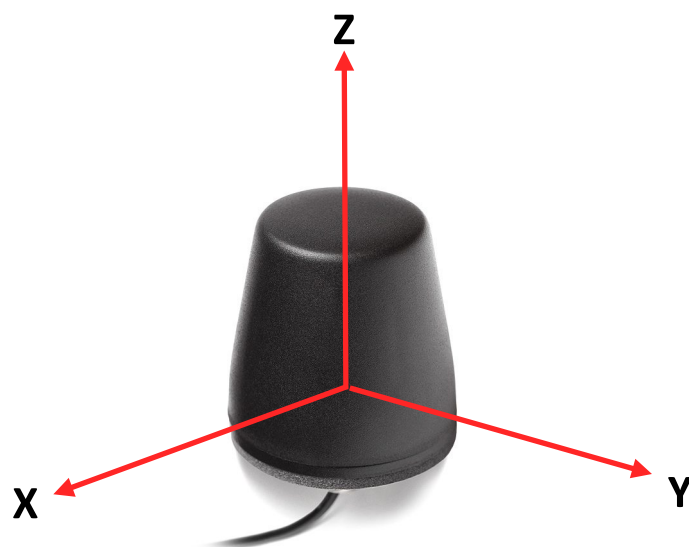
2. Mechanical and environmental specifications

Specifications	2J7602B-2.4
Mounting Type	Screw Mount
Dimensions (mm)	Ø 50 x 50.8
Rec. Tighten Torque (Nm)	3 Nm
Radome Type	ASA
Radome Color	Black
Gasket	Double Sided Foam
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS
Certificates	IP67, IP69

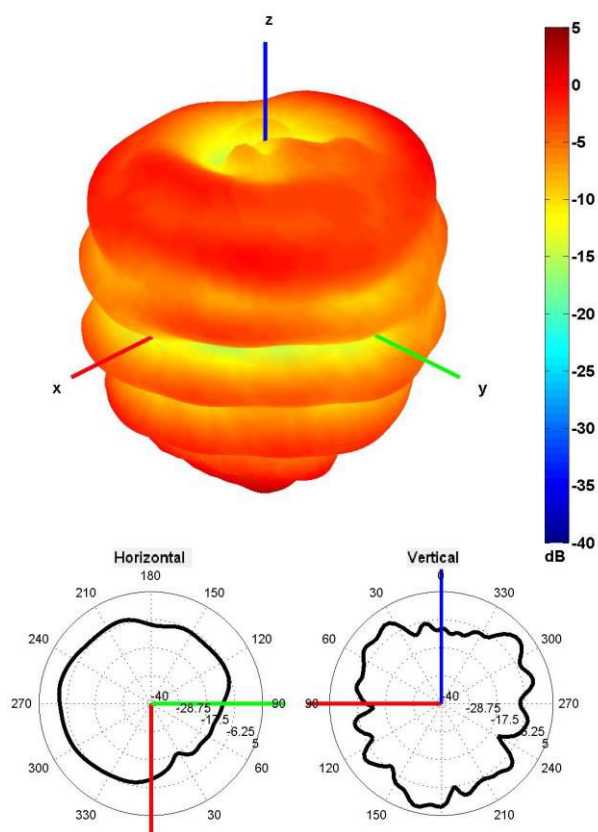
3. Antenna parameters





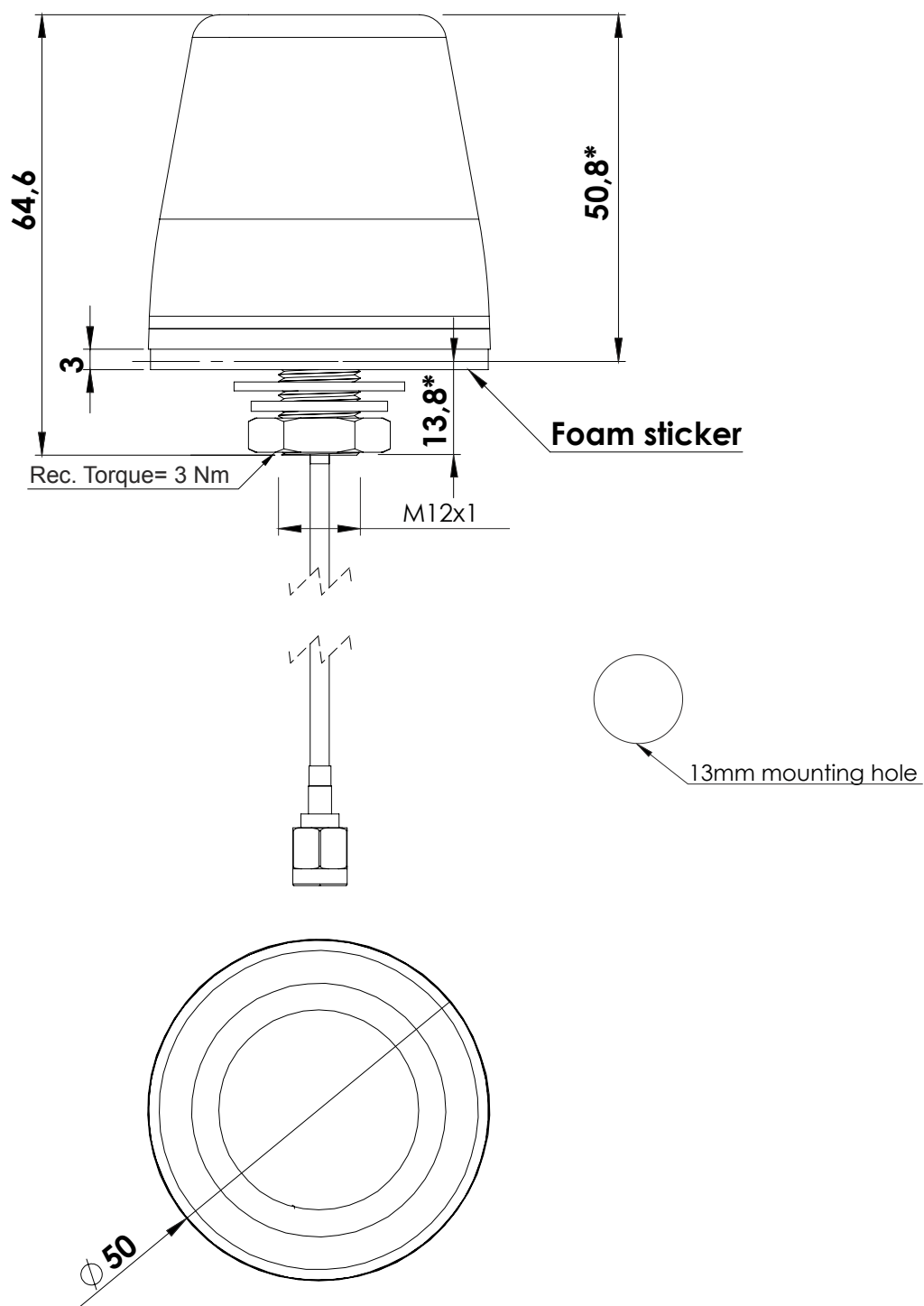


Radiation pattern reference



2450 MHz Radiation pattern

4. Antenna drawings



Note: Dimensions are in millimeters
***Dimensions are after mounting**
****Recommened Torque= 3 Nm**

5. Antenna Images

