

2J4802P

2.4/5.0 GHZ ISM Adhesive Mount

Key Features

Cable 1: 2.4/5.0 GHz ISM

- 2410-2490 MHz
- 4920-5925 MHz

Adhesive Mount

For use on Non-metallic surface

Customizable Cable and Connector

Dimensions 83 x 35 x 13.3 mm



1. Antenna and electrical specifications

Cable 1

Parameters	2.4/5.0 GHz ISM Antenna	
Standards	WiFi, BT, ZigBee, ISM	
Band (MHz)	2.4 GHz	5.0 GHz
Frequency (MHz)	2410-2490	4920-5925
Return Loss (dB)	~-19.8	~-18.1
VSWR	~1.3:1	~1.3:1
Efficiency (%)	~49	~28
Peak Gain (dBi)	~3.2	~4.2
Average Gain (dB)	~-3.0	~-5.4
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	LMR100 Standard (Other Cables Available)	

Antenna Measurement Conditions:

Mounted on 30 x 30 x 0.25 cm ABS Plate

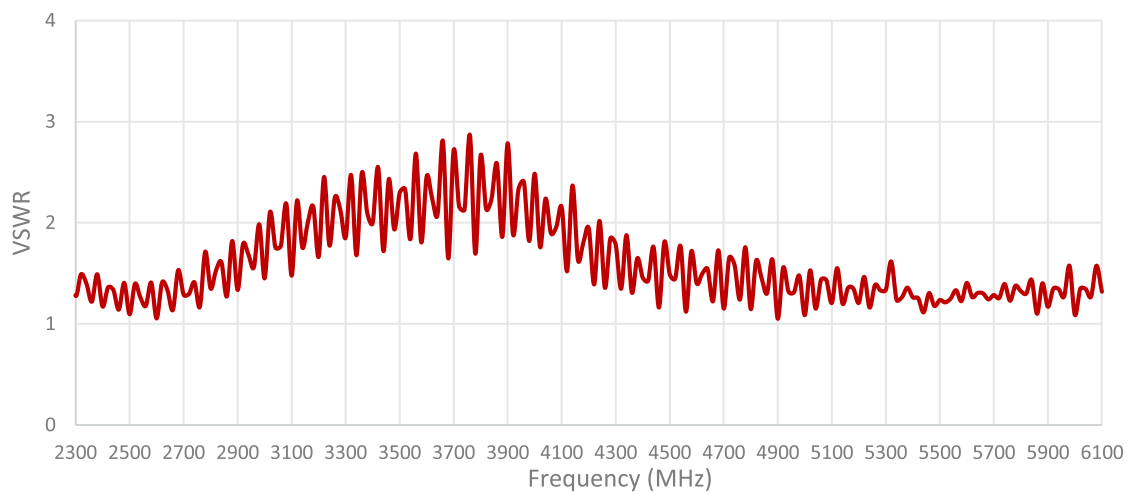
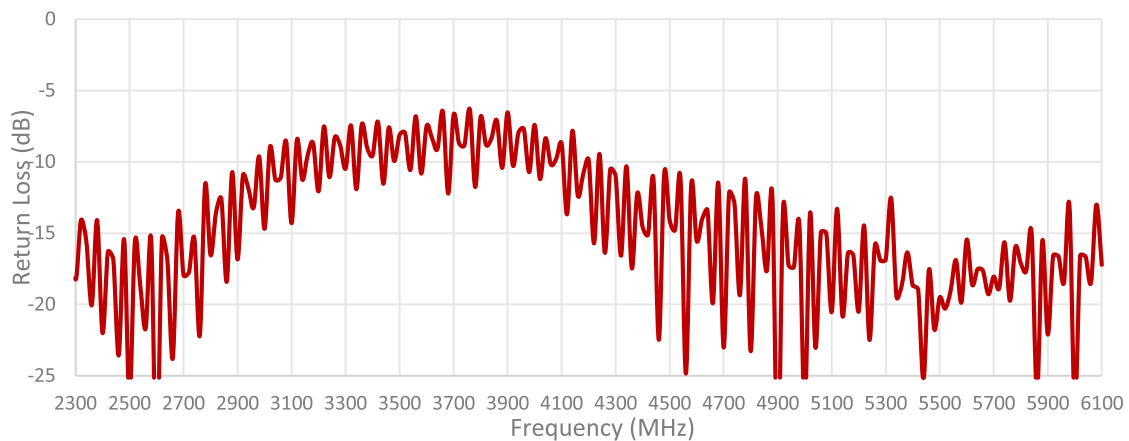
200 cm of Cable LMR100

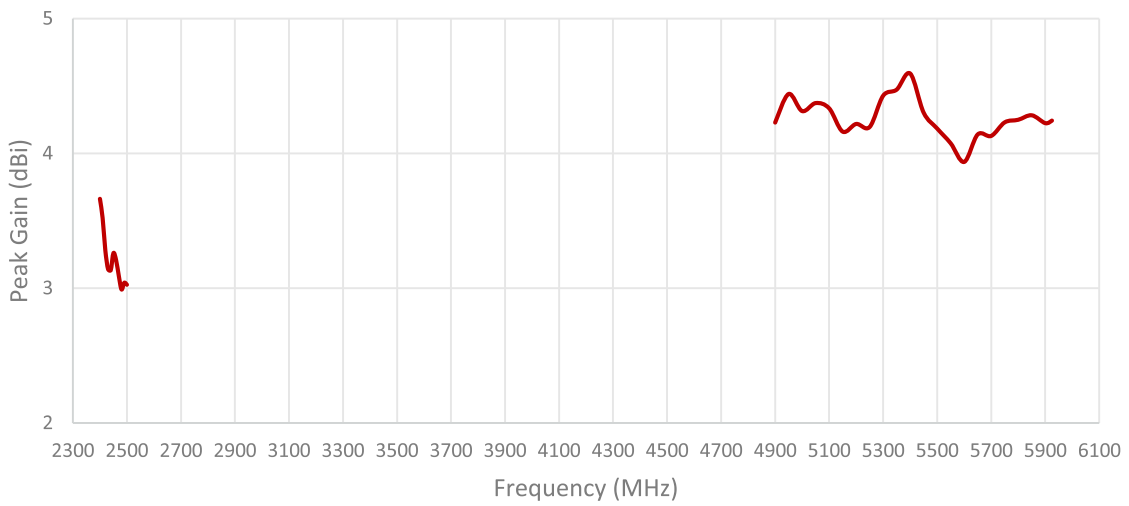
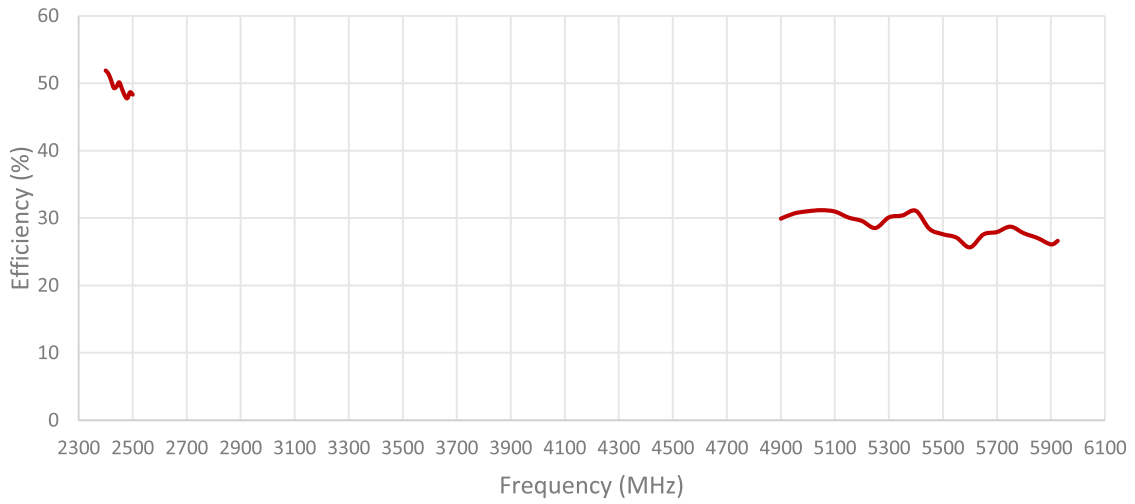
Measured in Certified CTIA 3D Anechoic Chamber

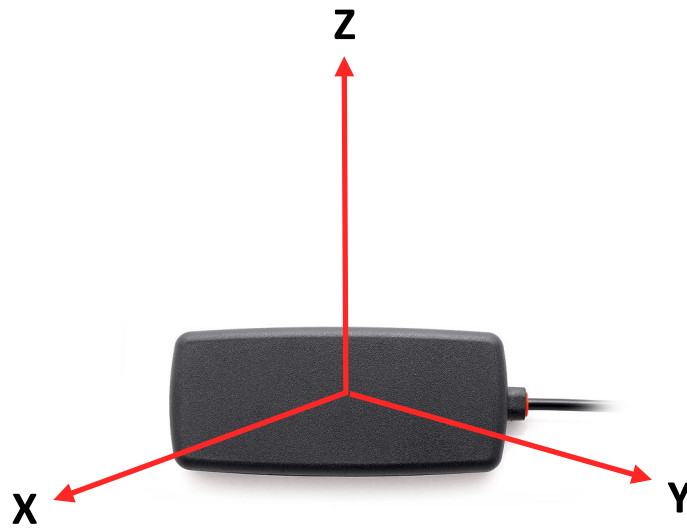
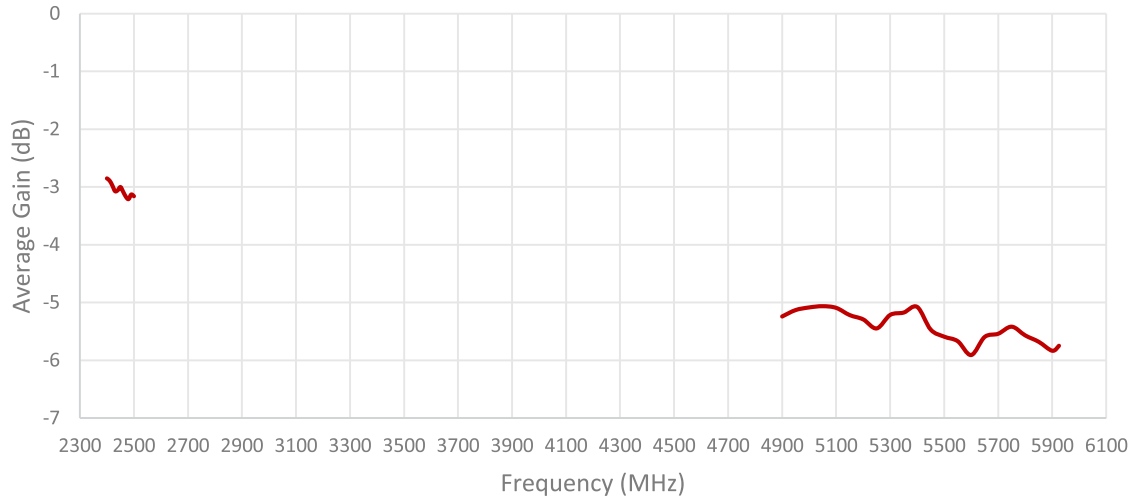
2. Mechanical and environmental specifications

Specifications	2J4802P
Mounting Type	Adhesive Mount - for use on Non-metallic surface
Dimensions (mm)	83 x 35 x 13.3
Radome	ABS UV Stable
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

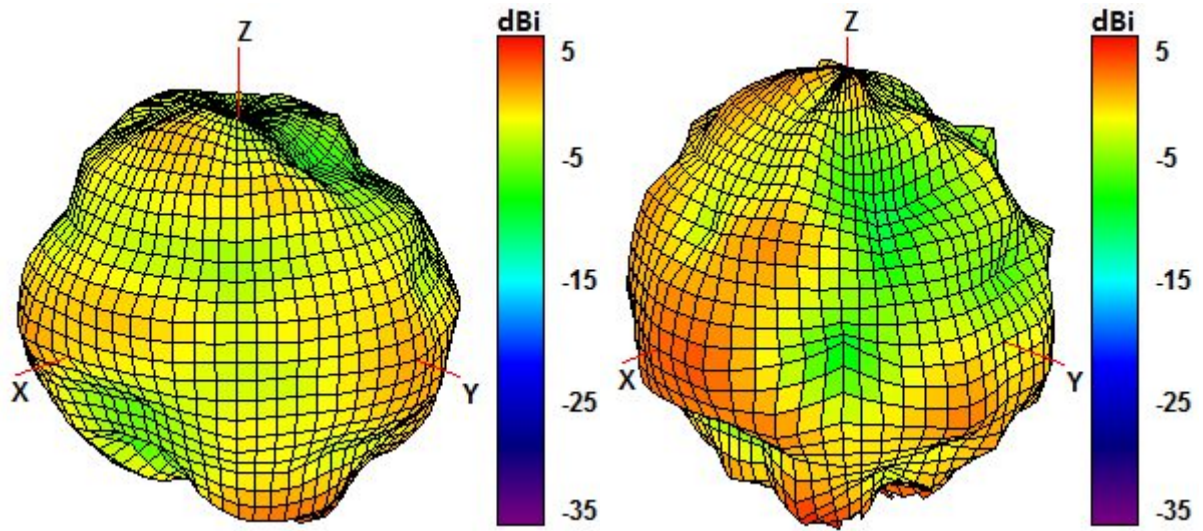
3. Antenna parameters





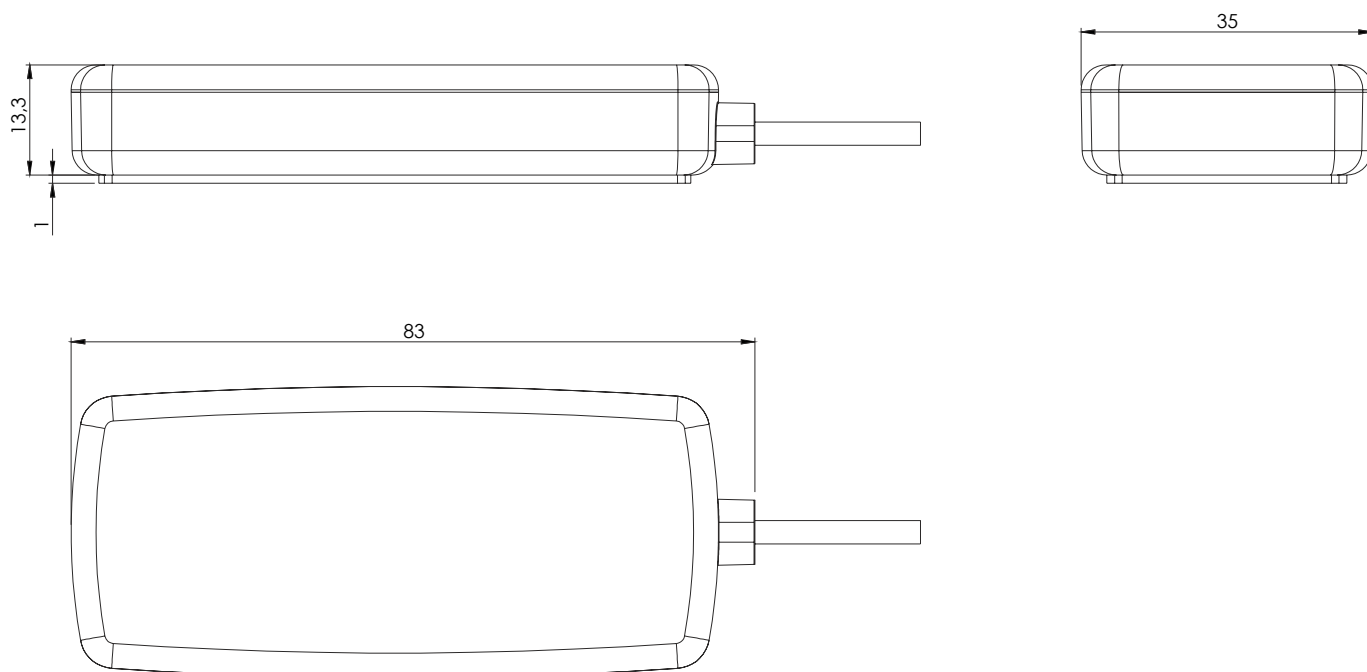


Radiation pattern reference



2450 and 5500 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

