

2JP0102P

2.4/5.0 GHz ISM Rigid Fiberglass Adhesive Mount

Key Features

2.4 / 5.0 GHz ISM

- 2410-2490 MHz

- 4920-5925 MHz

Self-Adhesive

Low Profile

Embedded Antenna

Ground Plane Independent

High Performance

Dimensions 16.4 x 5.4 x 0.4 mm

Customizable Cable and Connector



1. Antenna and electrical specifications

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)	~-8.3	~-12.6
VSWR	~2.4:1	~2.2:1
Efficiency (%)	~53	~64
Peak Gain (dBi)	~3.2	~5.0
Average Gain (dB)	~-2.8	~-1.9
Impedance (Ohm)	50	
Polarisation	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	10	
Connector Type	U.FL Standard (Other Connectors Available)	
Cable Length	100mm Standard (Any Cable Length Available)	
Cable Type	1.37mm Mini-Coax Standard (Other Cables Available)	

Antenna Measurement Conditions:

Mounted on 30 x 30 x 0.25 cm ABS Plate

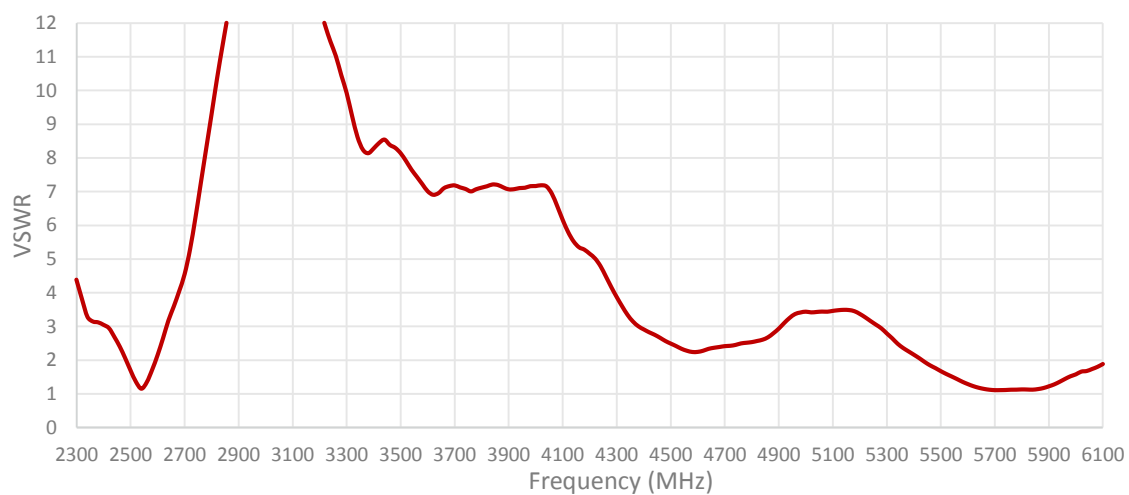
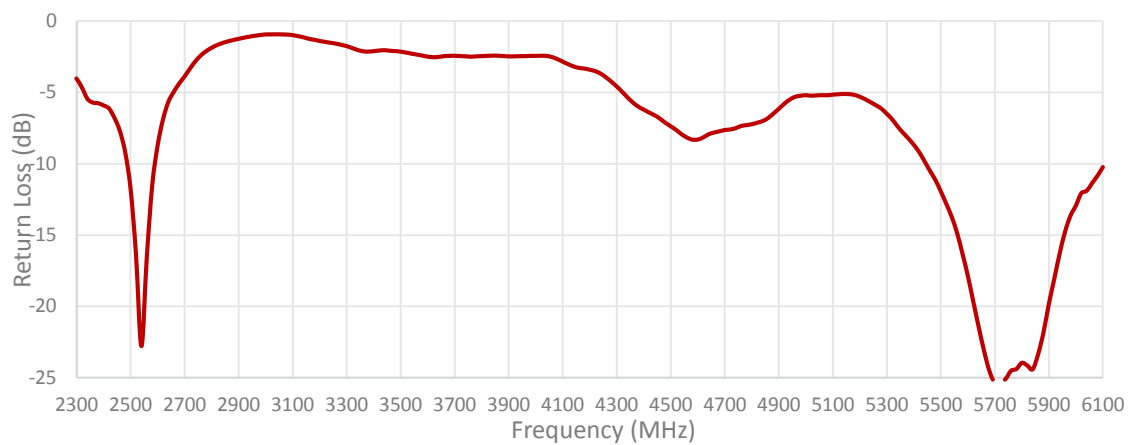
100 mm of 1.37 mm Mini-Coax Cable

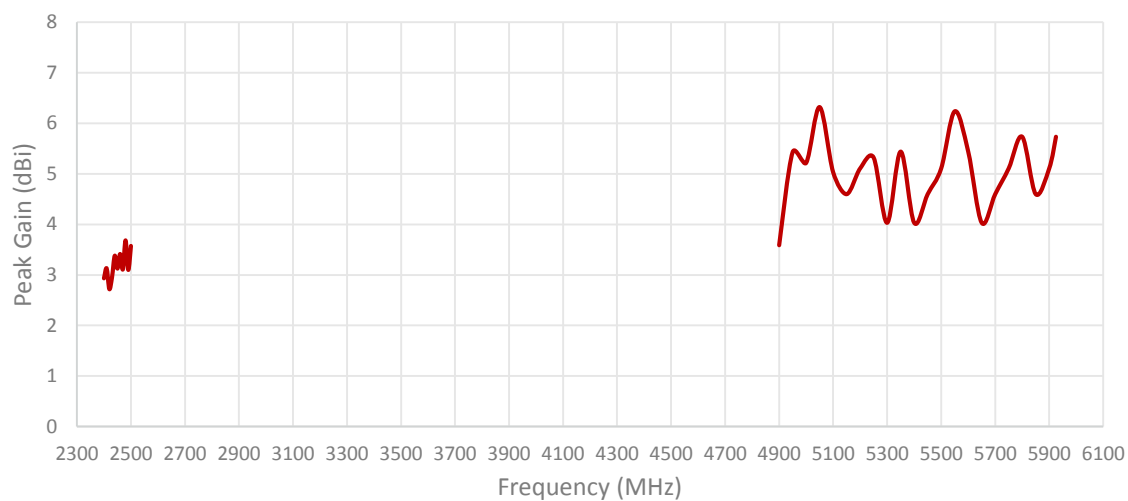
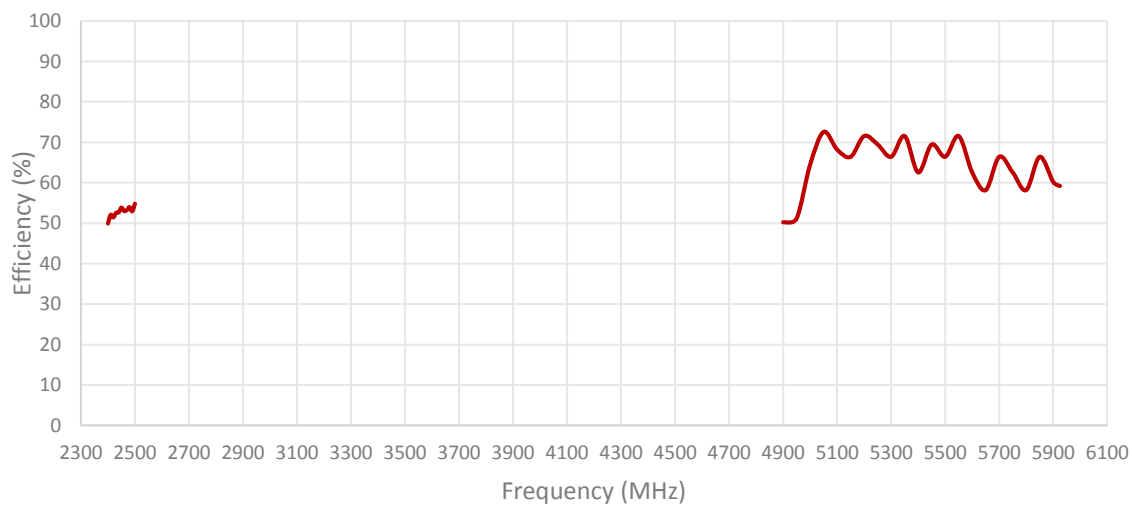
Measured in Certified CTIA 3D Anechoic Chamber

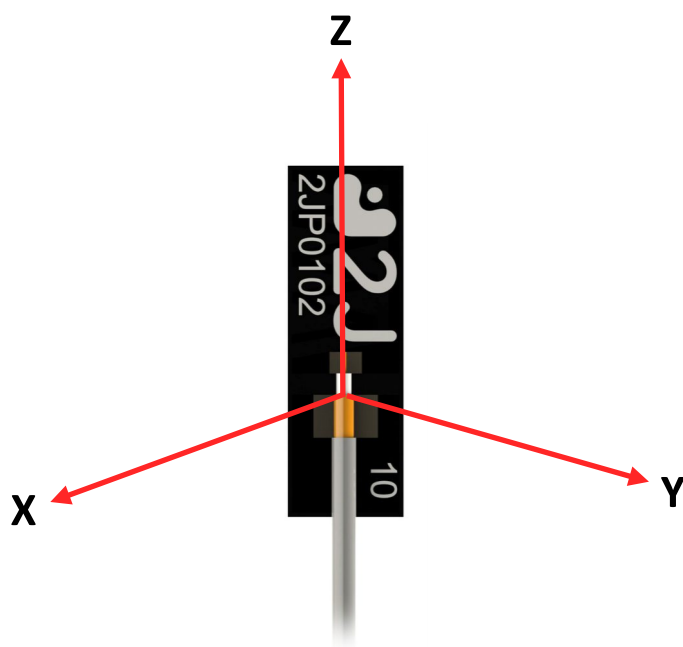
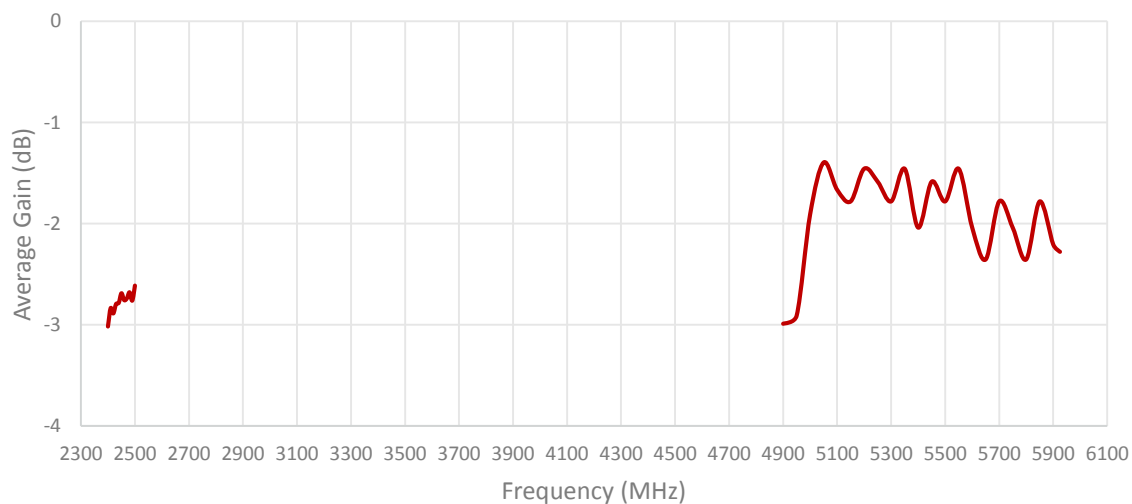
2. Mechanical and environmental specifications

Specifications	2JP0102P
Mounting Type	Self-Adhesive
Dimensions (mm)	16.4 x 5.4 x 0.4
Adhesive Type	3M 467
Material	Rigid Fiberglass
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

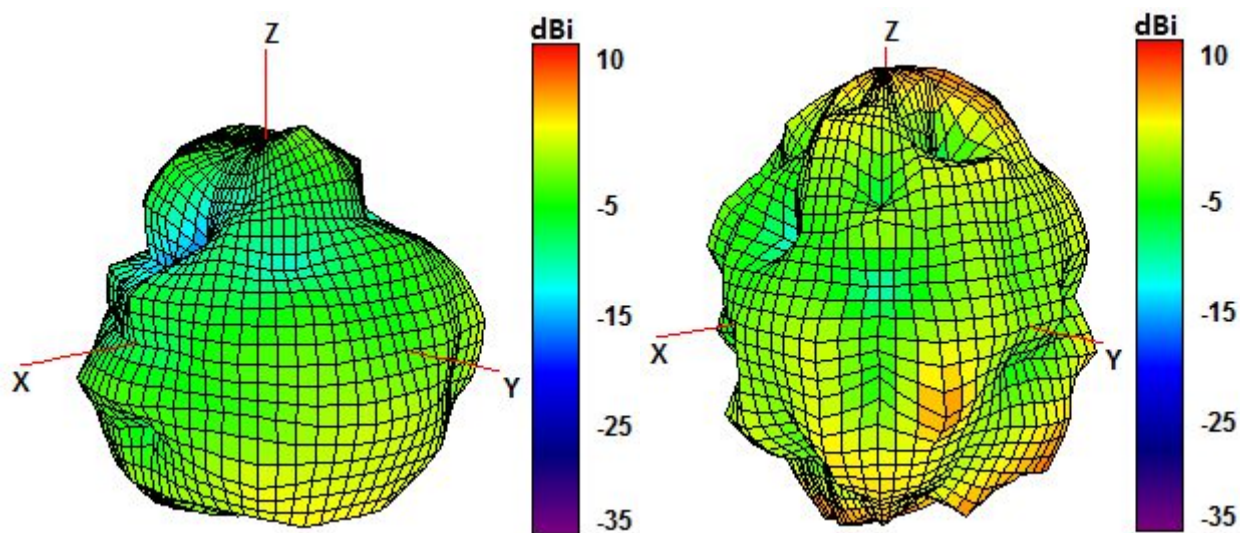
3. Antenna parameters





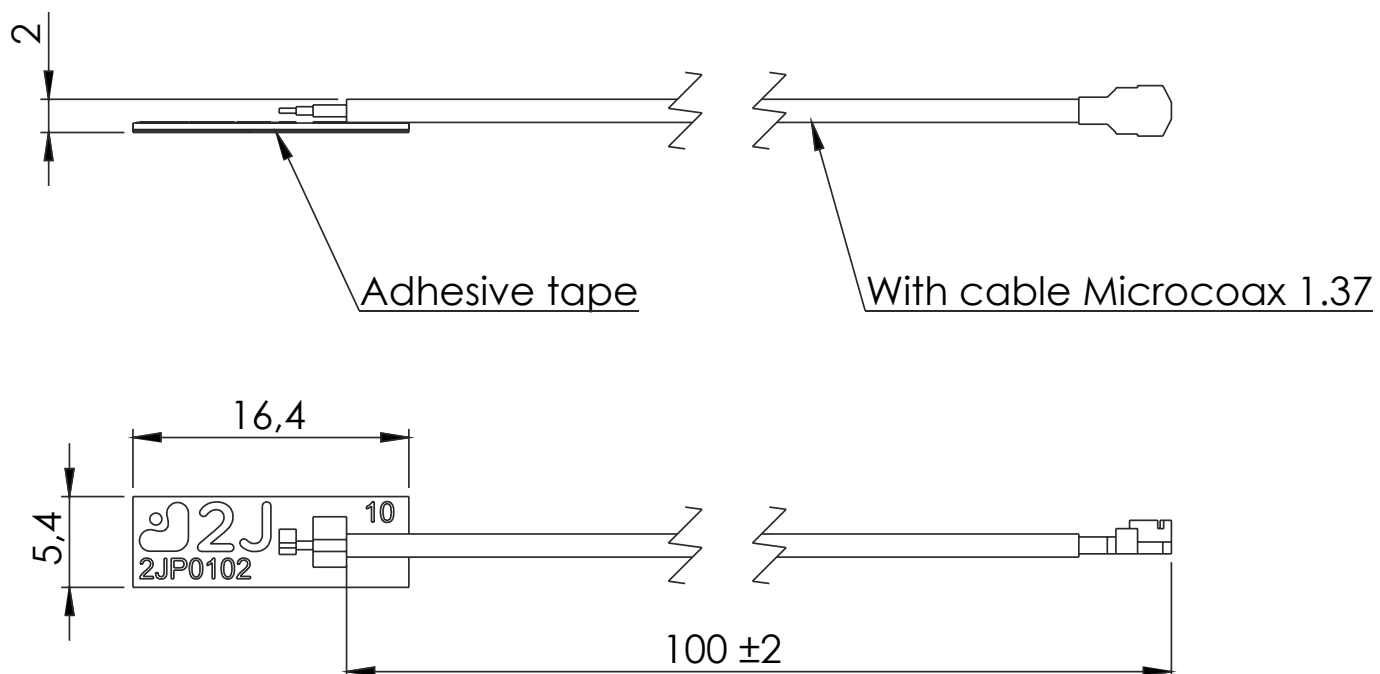


Radiation pattern reference



2450 and 5500 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

