

2J2202-C228N

2.4/5.0/6.0 GHz ISM Connector Mount

Key Features

2.4/5.0/6.0 GHz ISM

- 2410-2490 MHz

- 4920-7125 MHz

Connector Mount

N-Male-RP Connector

High Gain

Ground Plane Independent

Dimensions 149 × Ø 20 (Ø 16) mm



1. Antenna and electrical specifications

Parameters	2.4/5.0/6.0 GHz ISM Antenna		
Standards	WiFi, BT, ZigBee, ISM		
Band (MHz)	2.4 GHz	5.0 GHz	6.0 GHz
Frequency (MHz)	2410-2490	4920-5925	5925-7125
Return Loss (dB)	~-8.2	~-10.4	~-5.0
VSWR	~1.4:1	~1.9:1	~4.0:1
Efficiency (%)	~70.7	~66.8	~40.5
Peak Gain (dBi)	~3.8	~2.1	~1.8
Average Gain (dB)	~-1.0	~-1.6	~-3.8
Impedance (Ohm)	50		
Polarisation	Linear		
Radiation Pattern	Omni-Directional		
Max. Input Power (W)	25		
Connector Type	N-Male-RP Connector		

Antenna Measurement Conditions:

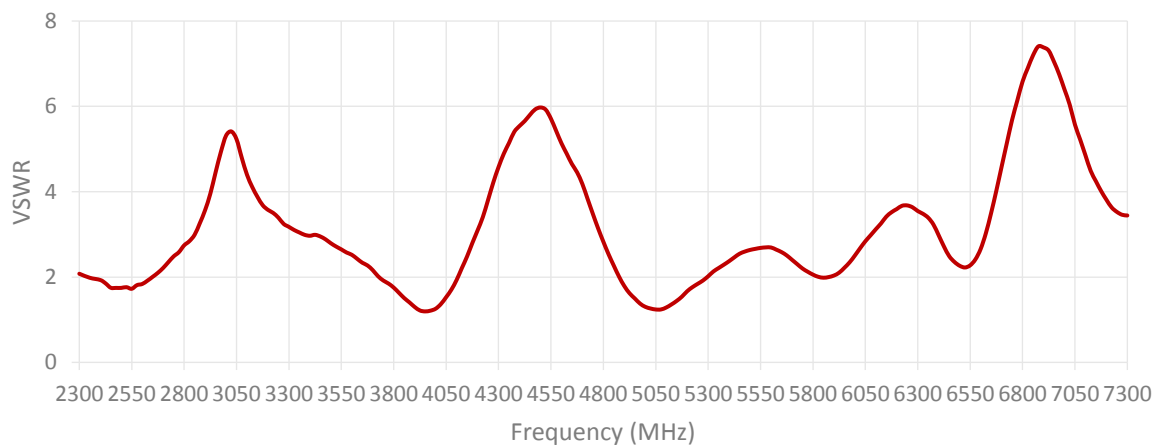
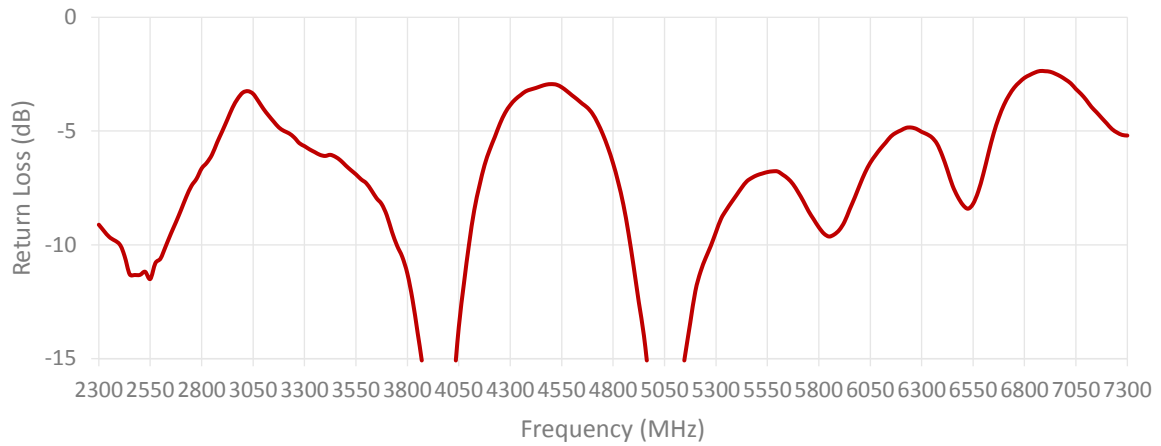
Free Space

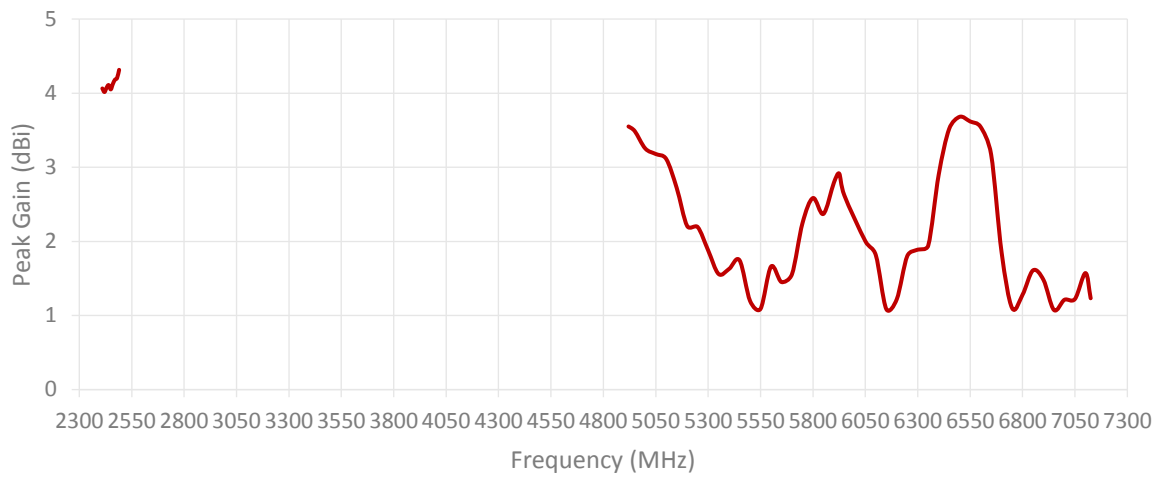
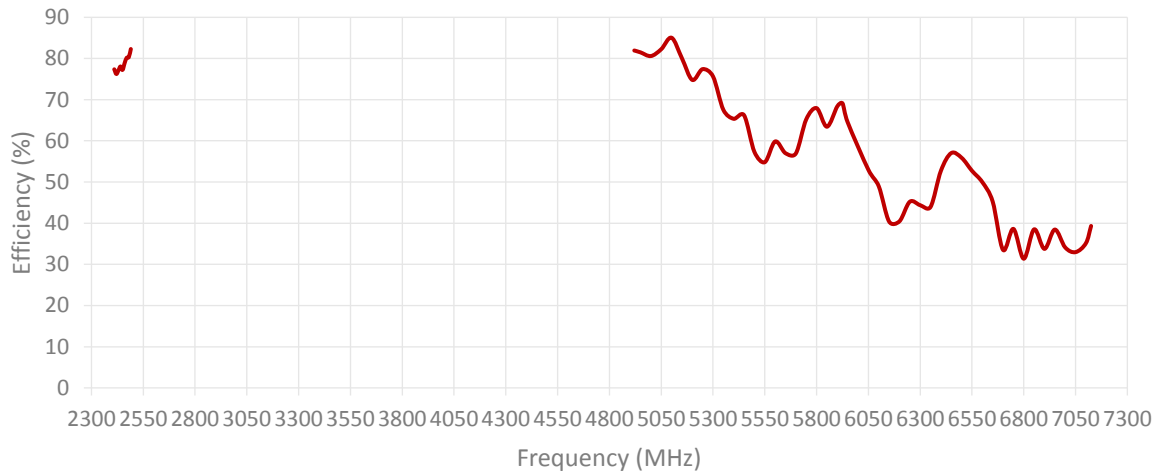
Measured in Certified CTIA 3D Anechoic Chamber

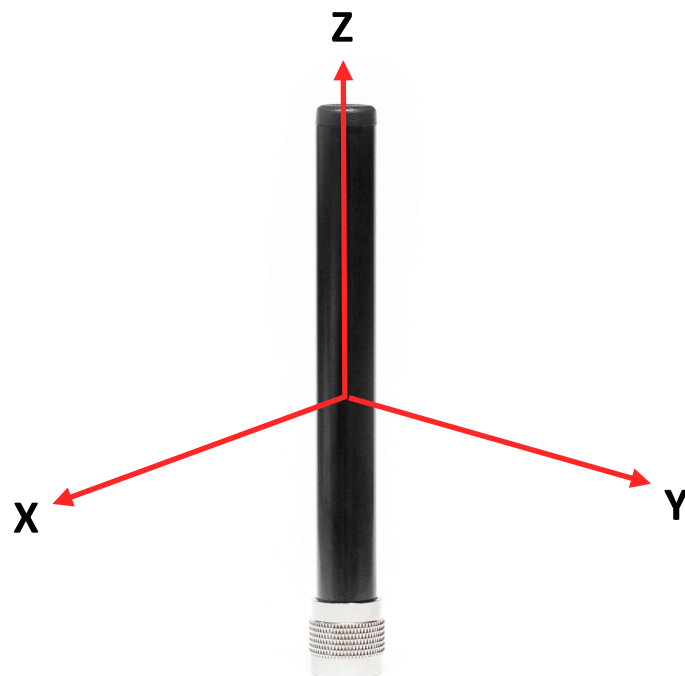
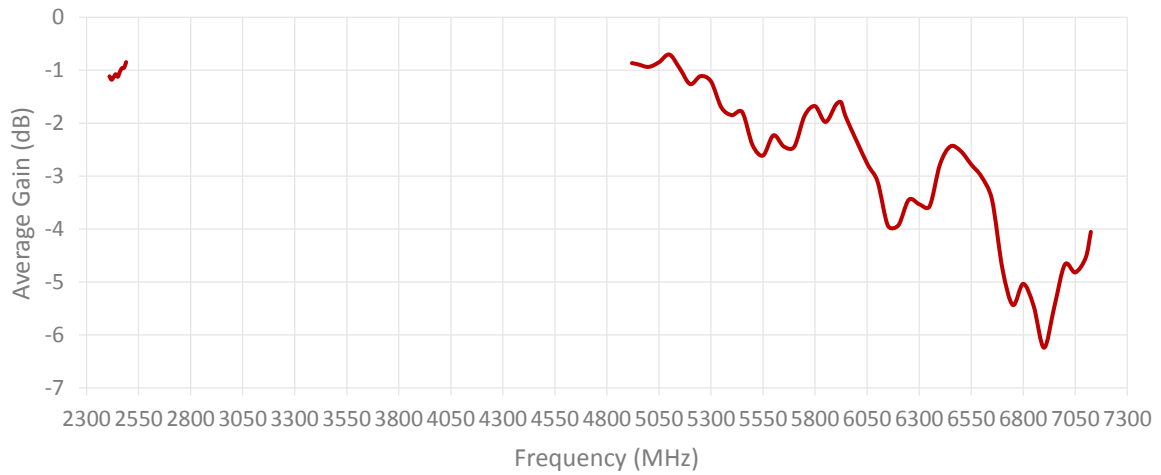
2. Mechanical and environmental specifications

Specifications	2J2202-C228N
Mounting Type	Connector Mount
Dimensions (mm)	149 × Ø 20 (Ø 16)
Radome	ASA
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

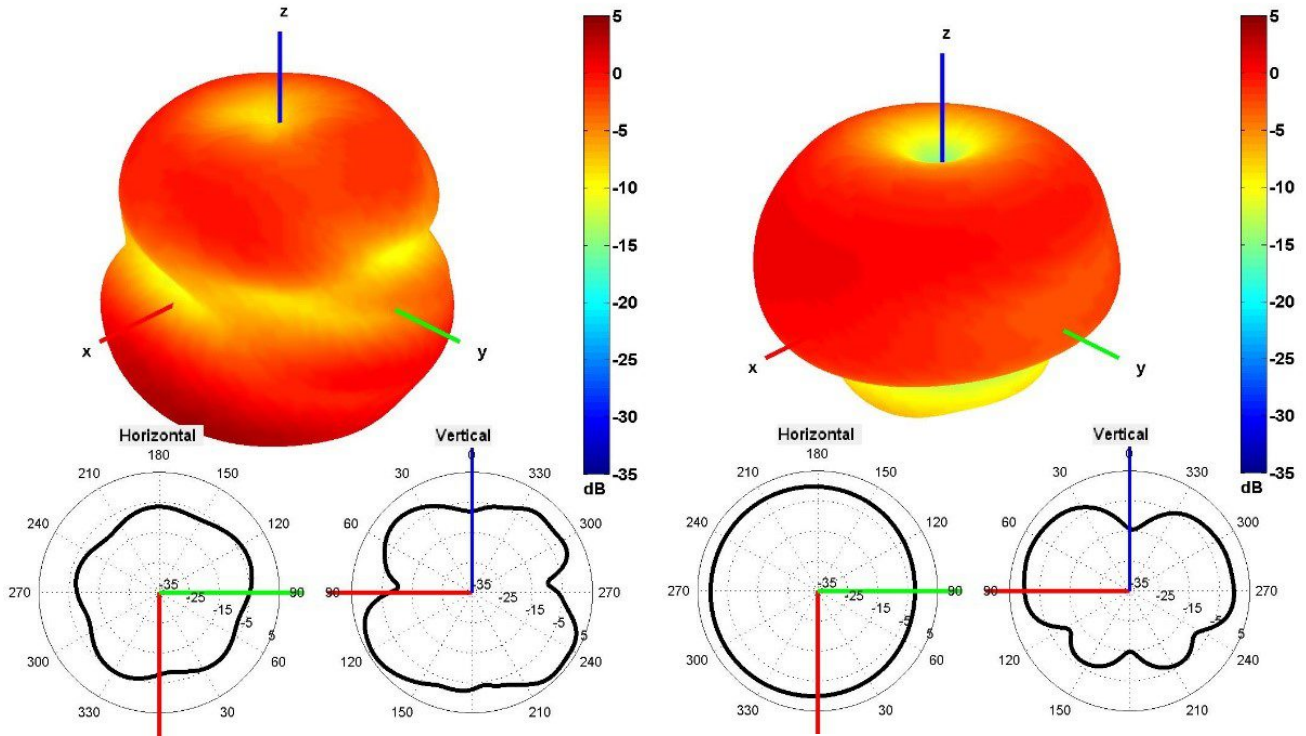
3. Antenna parameters



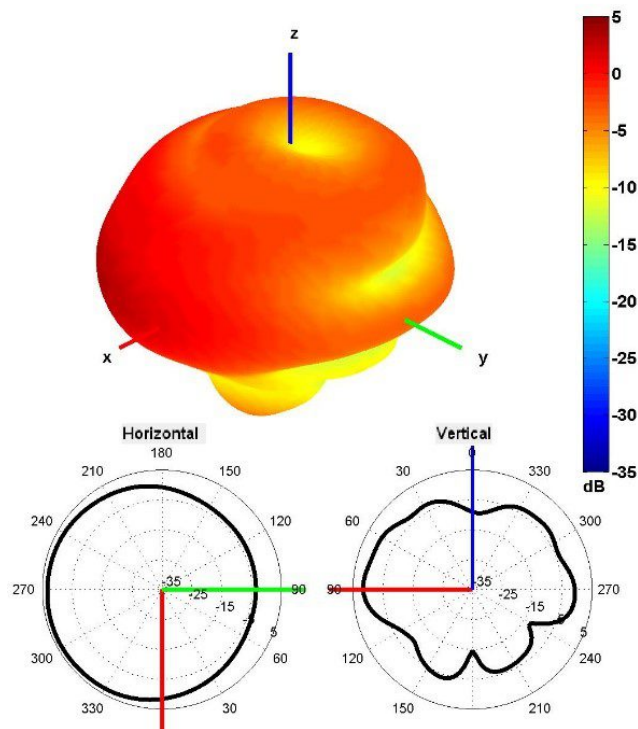




Radiation pattern reference

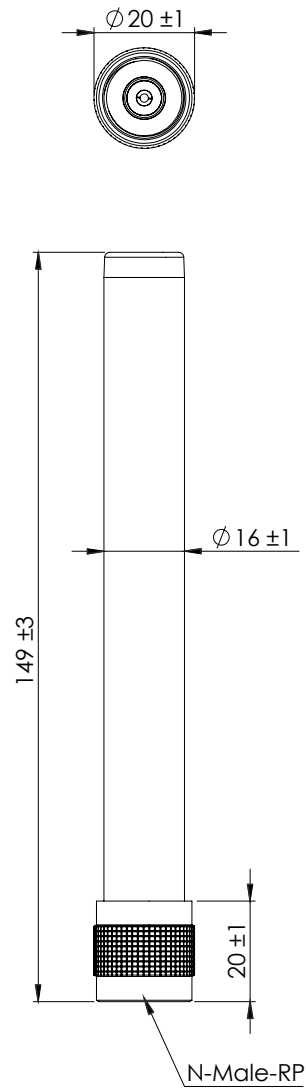


2450 and 5500 MHz Radiation pattern



6500 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

