

2JCA0302-020RG178-C165GST

2.4 GHz ISM Connector Mount



FEATURES

- Connector Mount
- Ground Plane Independent
- High Efficiency
- High Gain
- 2.4 GHz ISM (2410-2490 MHz)
- 5.8 x 255 mm

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)	~-17.4
VSWR	~1.4:1
Efficiency (%)	~65.3
Peak Gain (dBi)	~4.0
Average Gain (dB)	~-1.8
Impedance (Ohm)	50
Polarization	Linear
Radiation Pattern	Omni-Directional
Max Input Power (W)	25
Connector Type	MMCX Male (U.FL as Standard)

Antenna Measurement Conditions

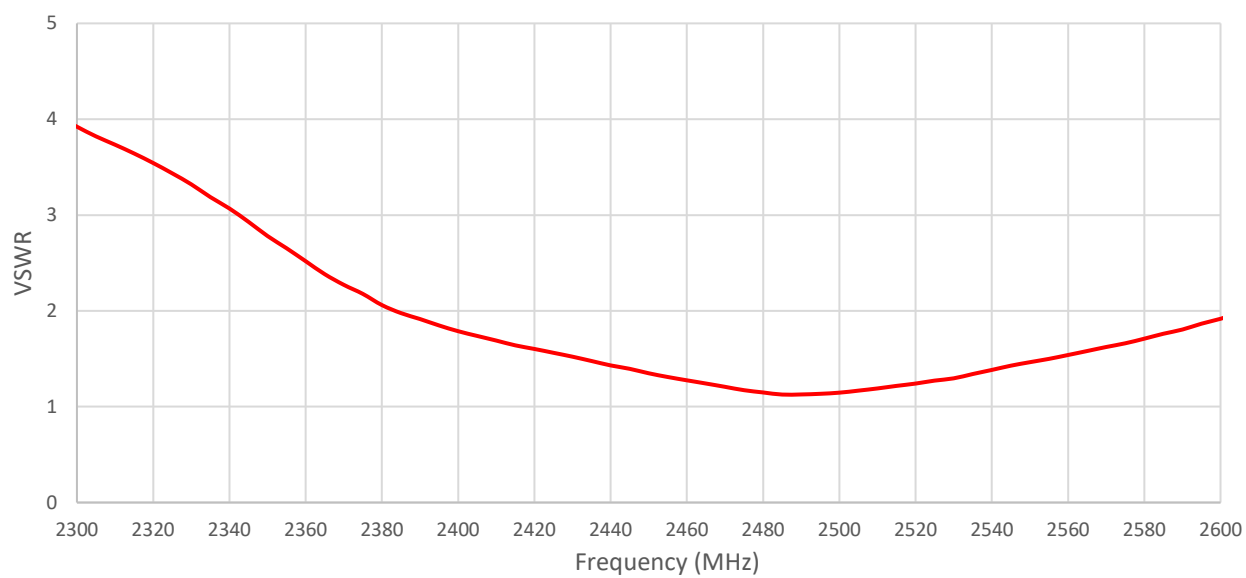
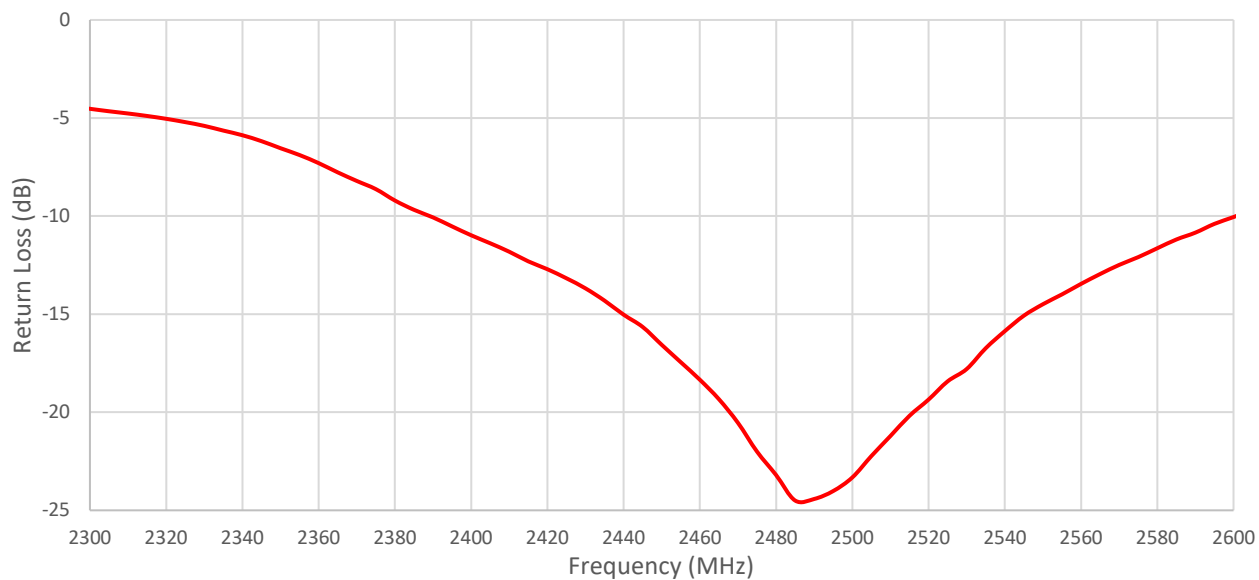
Free Space

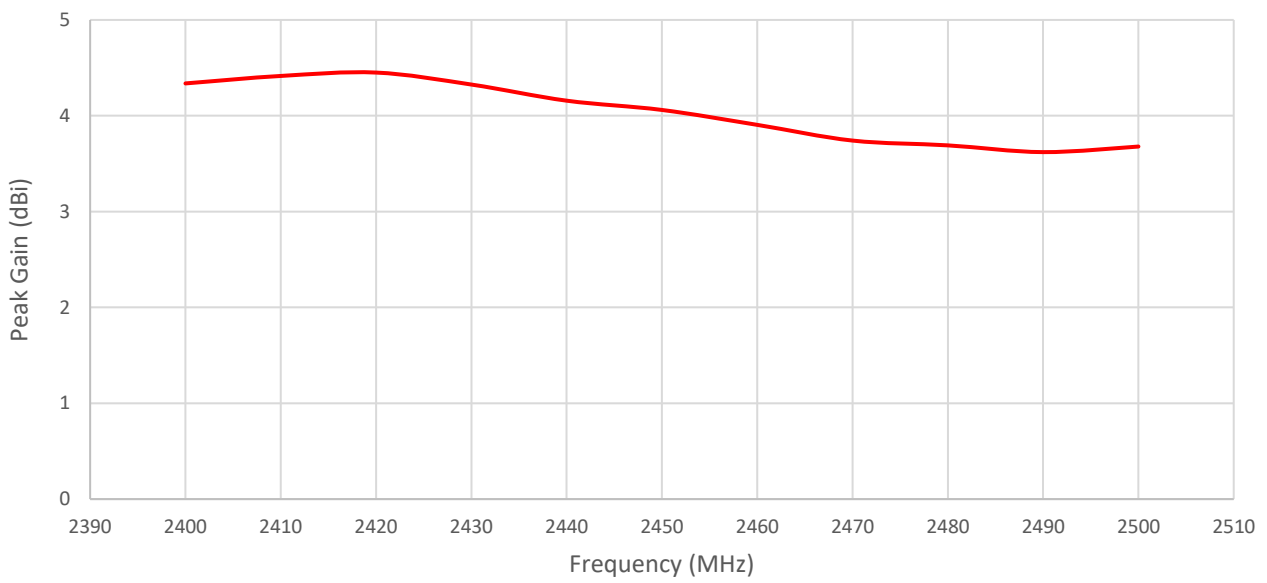
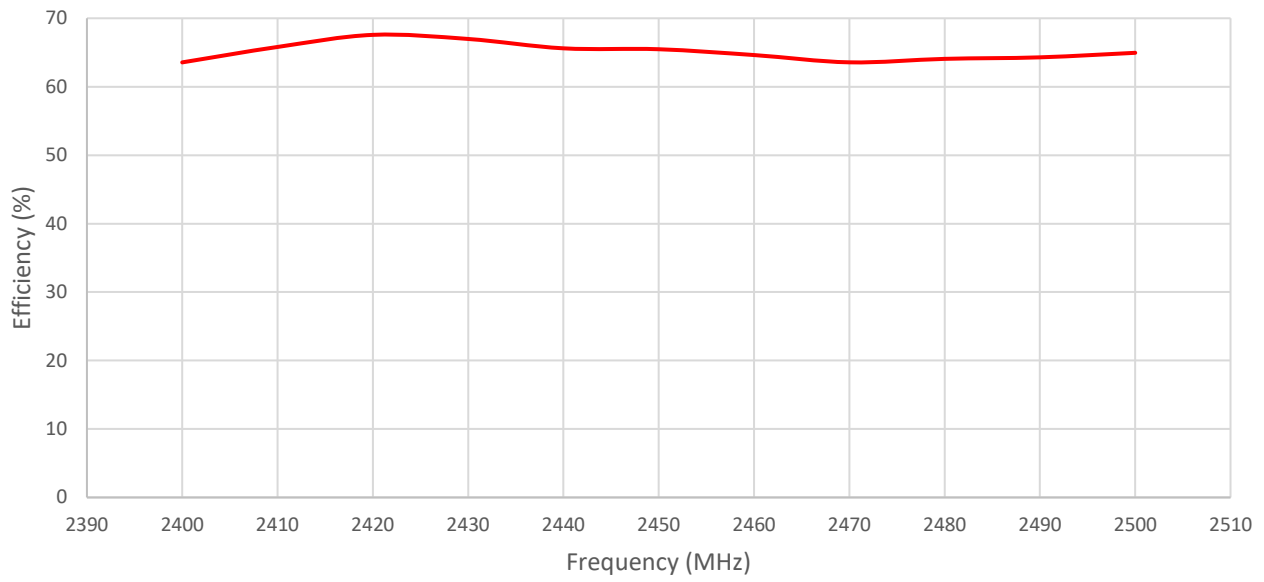
Measured in Certified CTIA 3D Anechoic Chamber

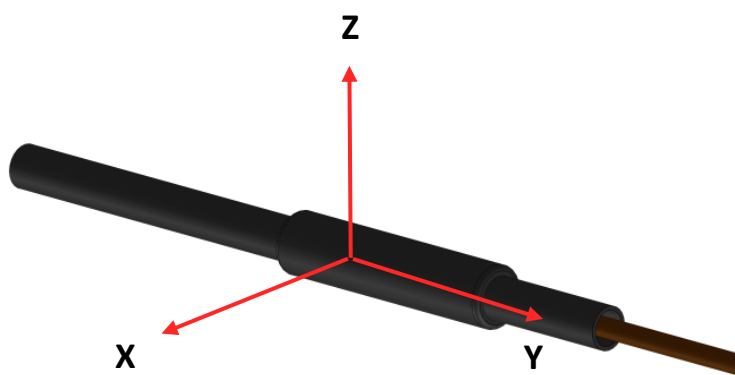
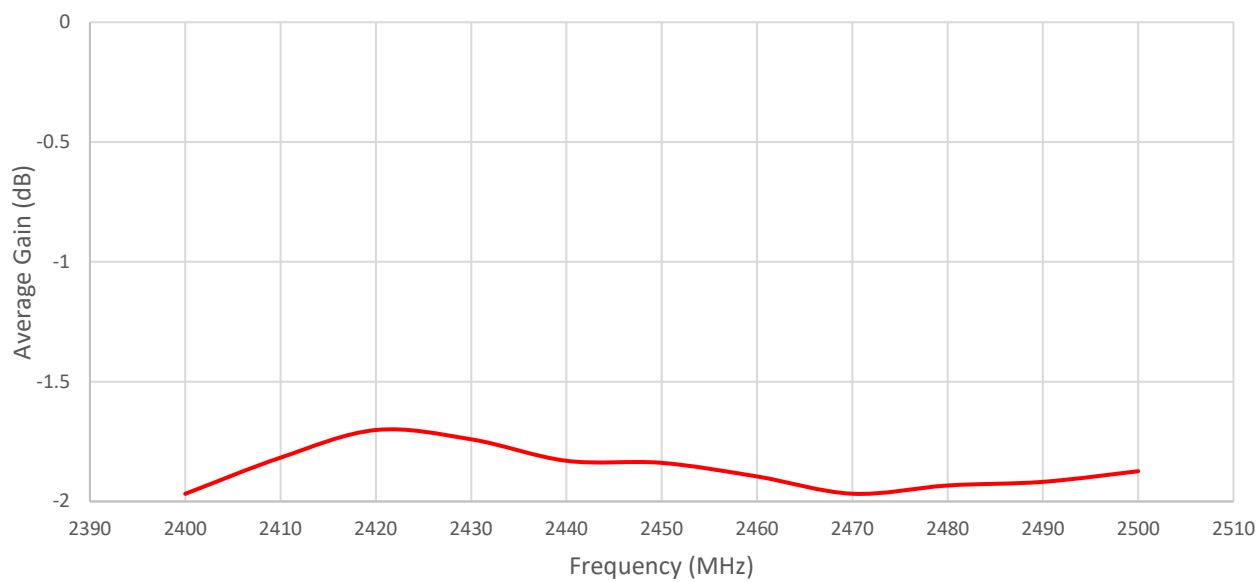
MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Specifications	2JCA0302-020RG178-C165GST
Mounting Type	Connector Mount
Dimensions (mm)	5.8 x 255
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

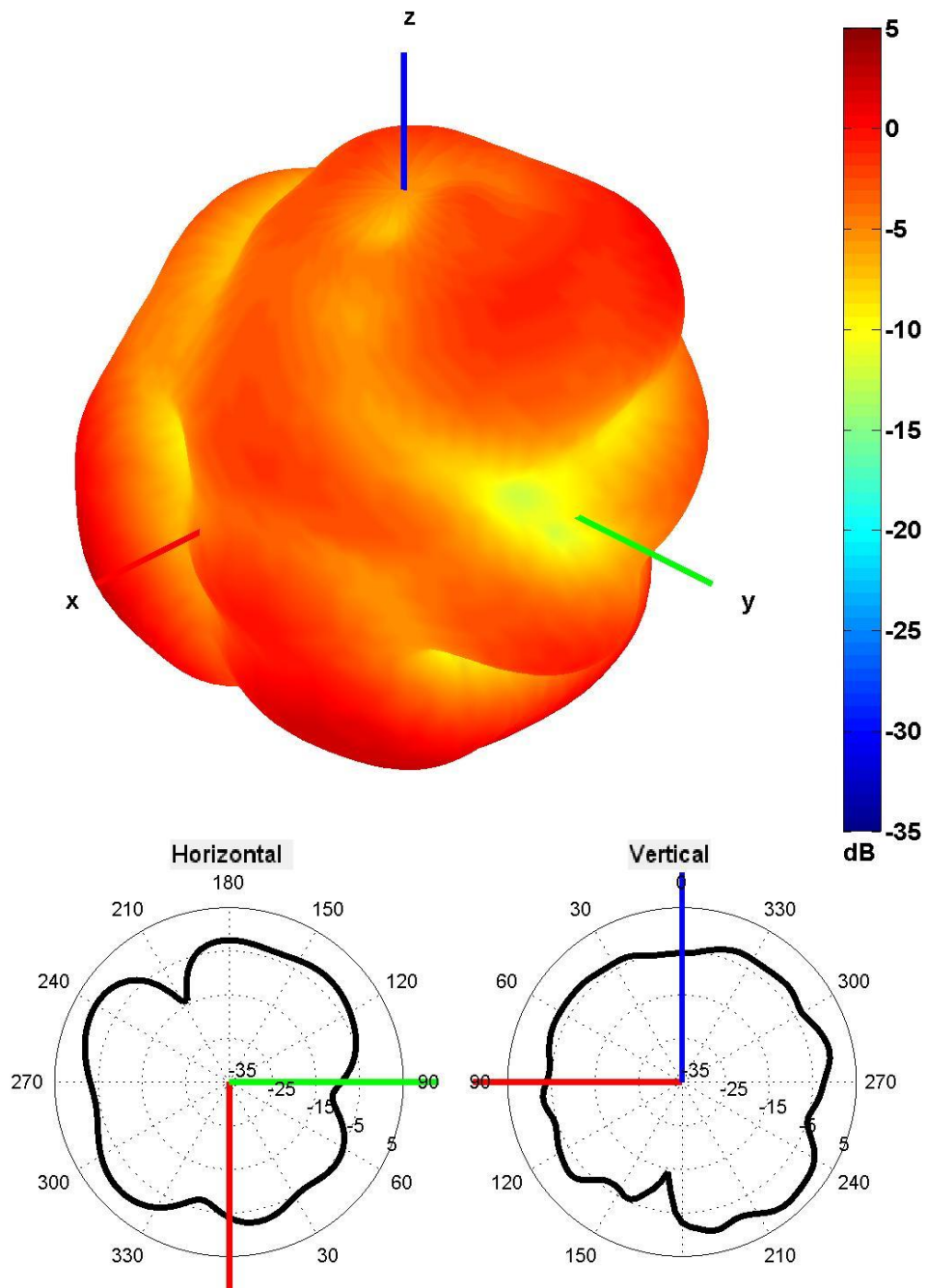
ANTENNA PARAMETERS







RADIATION PATTERN REFERENCE



2450 MHz RADIATION PATTERN

ANTENNA DRAWINGS

