

2J2202Ba-B17H

2× 2.4/5.0 GHz ISM MIMO Wall Mount

Key Features

Cable 1 - 2: 2.4/5.0 GHz ISM

- 2410-2490 MHz

- 4920-5925 MHz

Wall Mount

Ground Plane Independent

Customized Cable and Connector

Dimensions 240 × 135.5 × 155 (135 × Ø 16) mm

Certificates: IP67



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)	~-20.3	~-17.1
VSWR	~1.3:1	~1.4:1
Efficiency (%)	~62.6	~47.0
Peak Gain (dBi)	~-2.5	~-1.5
Average Gain (dB)	~-2.0	~-3.3
Impedance (Ohm)	50	
Polarisation	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	25	
Connector Type	Most RF Connectors (SMA-Male Standard)	
Cable Length	Any Cable Length (300cm Standard)	
Cable Type	Other Cables Available (LL100 Standard)	

Cable 2

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)	~-20.3	~-17.1
VSWR	~1.3:1	~1.4:1
Efficiency (%)	~62.6	~47.0
Peak Gain (dBi)	~-2.5	~-1.5
Average Gain (dB)	~-2.0	~-3.3
Impedance (Ohm)	50	
Polarisation	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	25	
Connector Type	Most RF Connectors (SMA-Male Standard)	
Cable Length	Any Cable Length (300cm Standard)	
Cable Type	Other Cables Available (LL100 Standard)	

Antenna Measurement Conditions:

Free Space

100 cm LL100

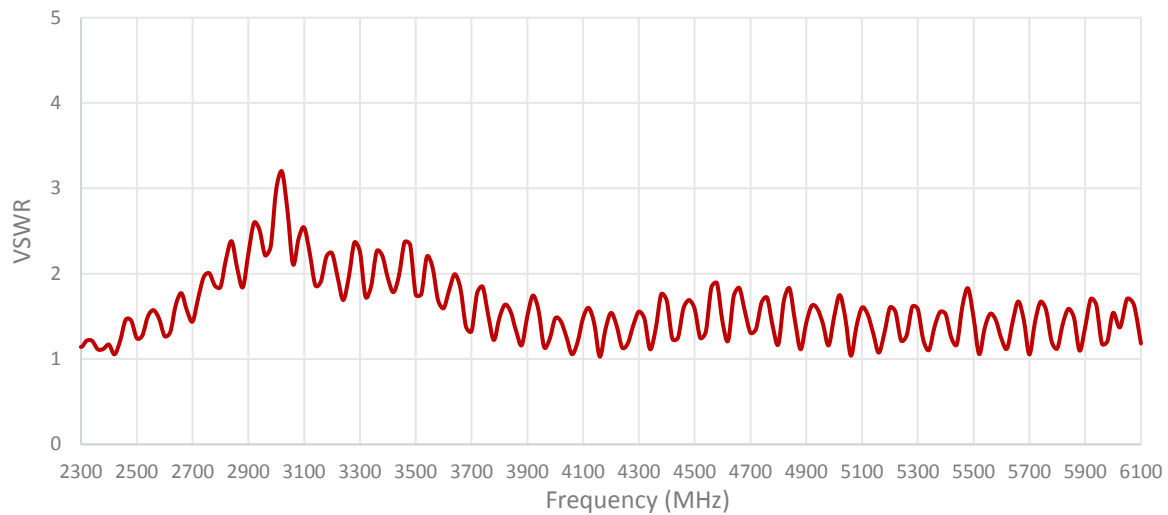
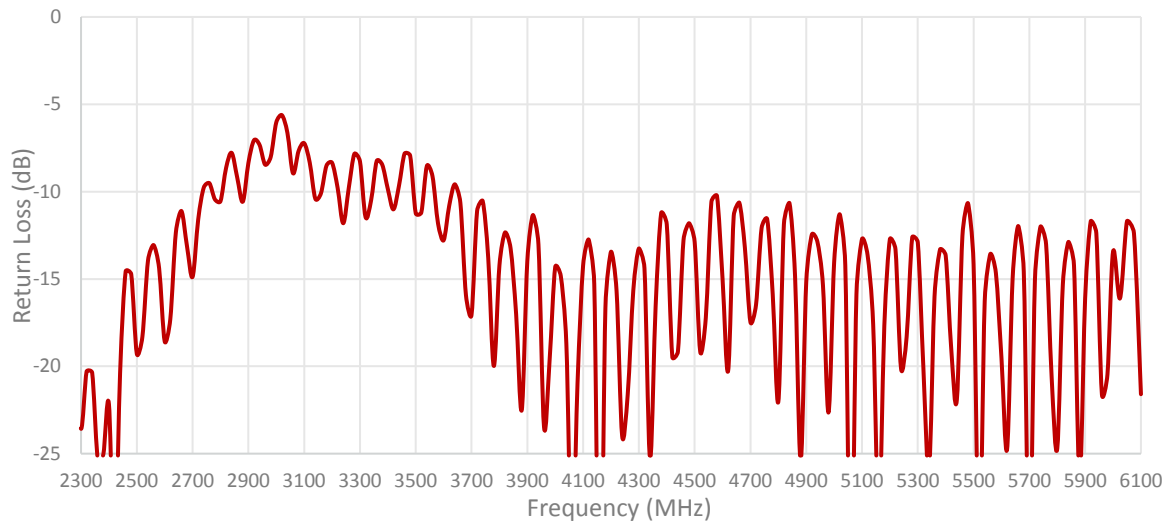
Measured in Certified CTIA 3D Anechoic Chamber

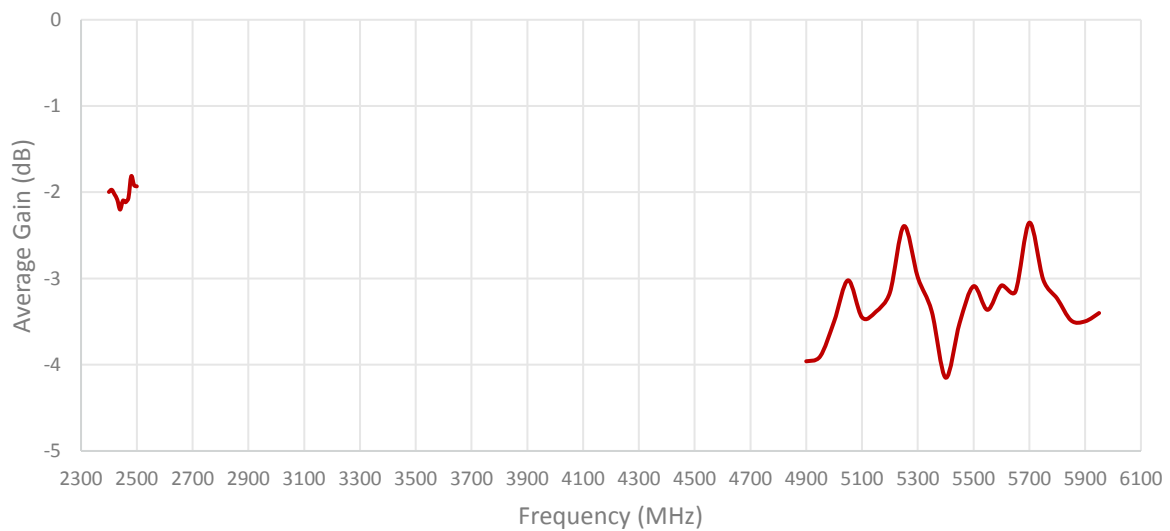
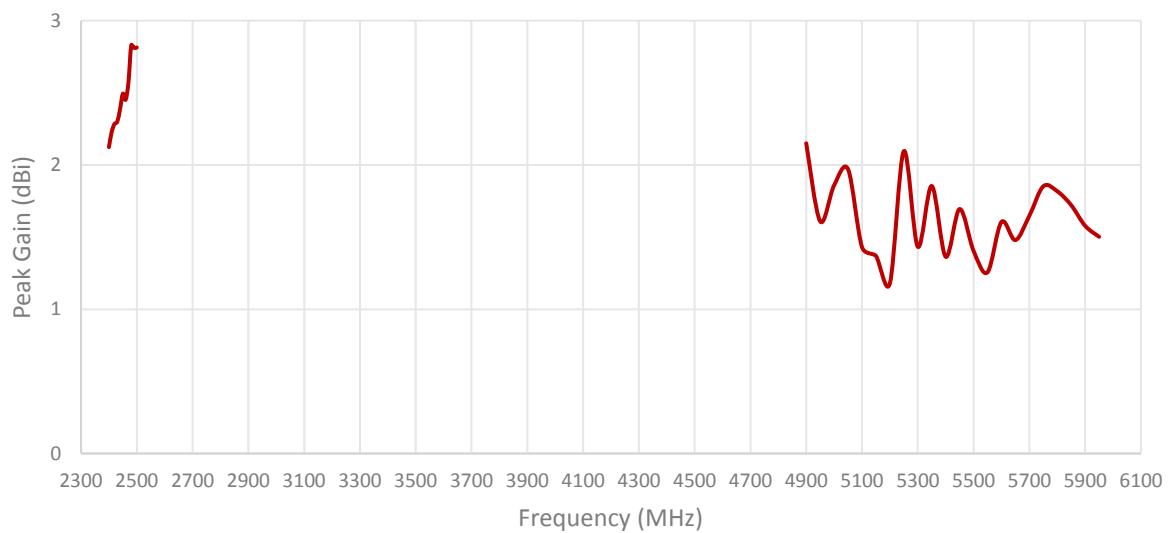
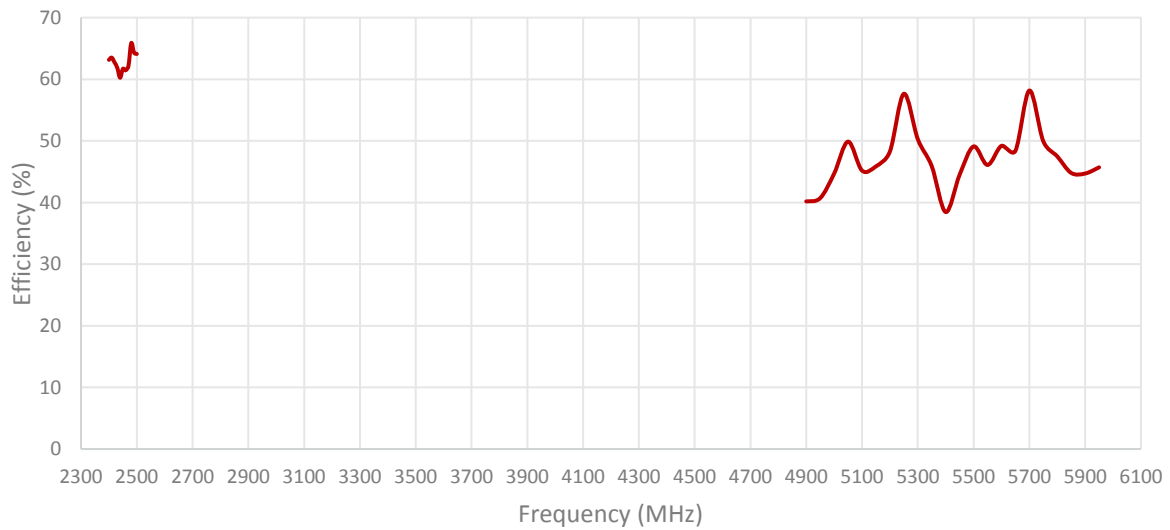
2. Mechanical and environmental specifications

Specifications	2J2202Ba-B17H
Mounting Type	Wall Mount
Dimensions (mm)	240 × 135.5 × 155 (220 × Ø 16)
Radome	ASA
Radome color	Black
Antenna Base	Brass
Bracket	Stainless Steel
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS
Certificates	IP67

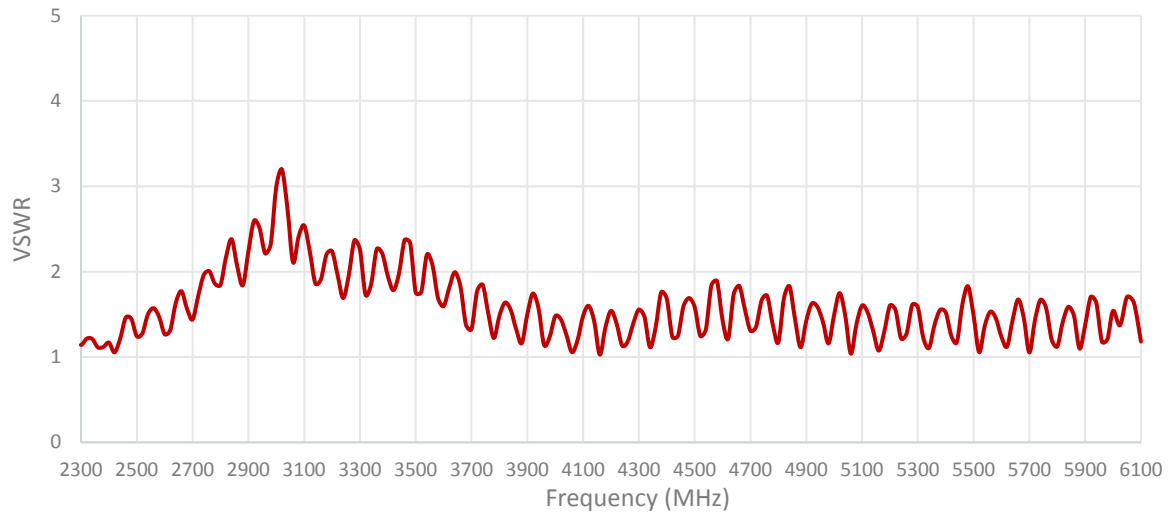
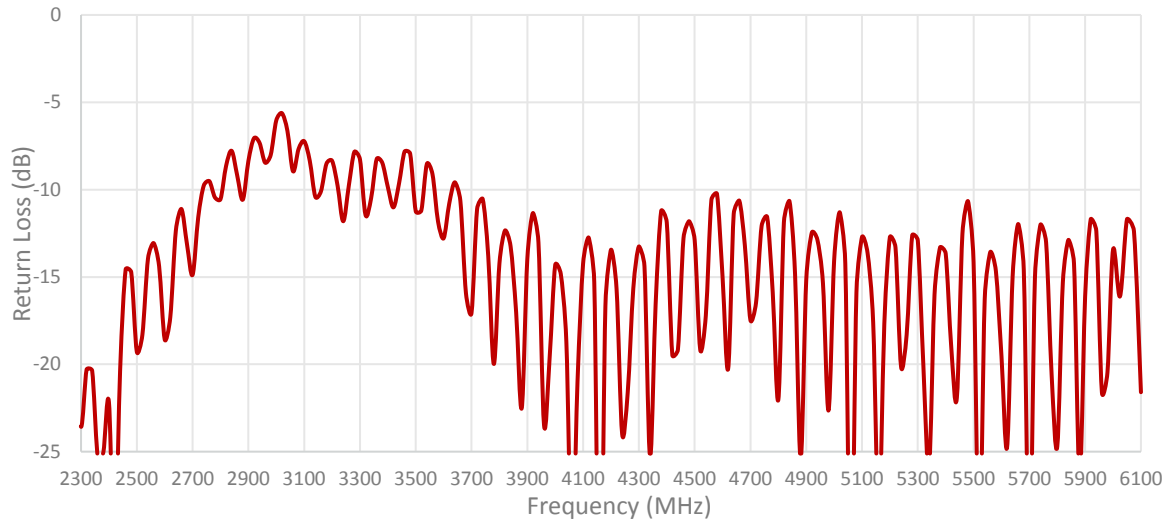
3. Antenna parameters

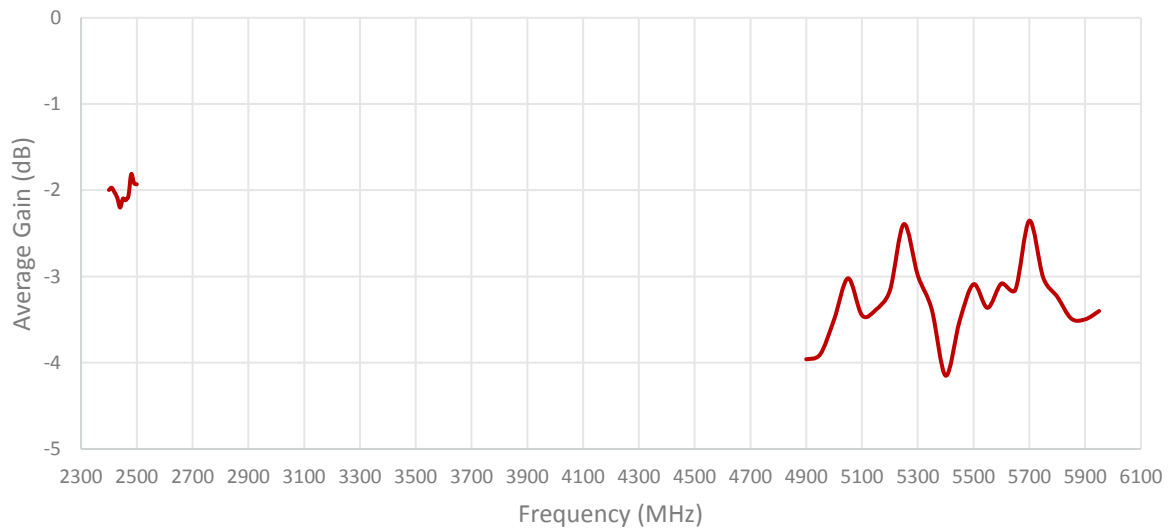
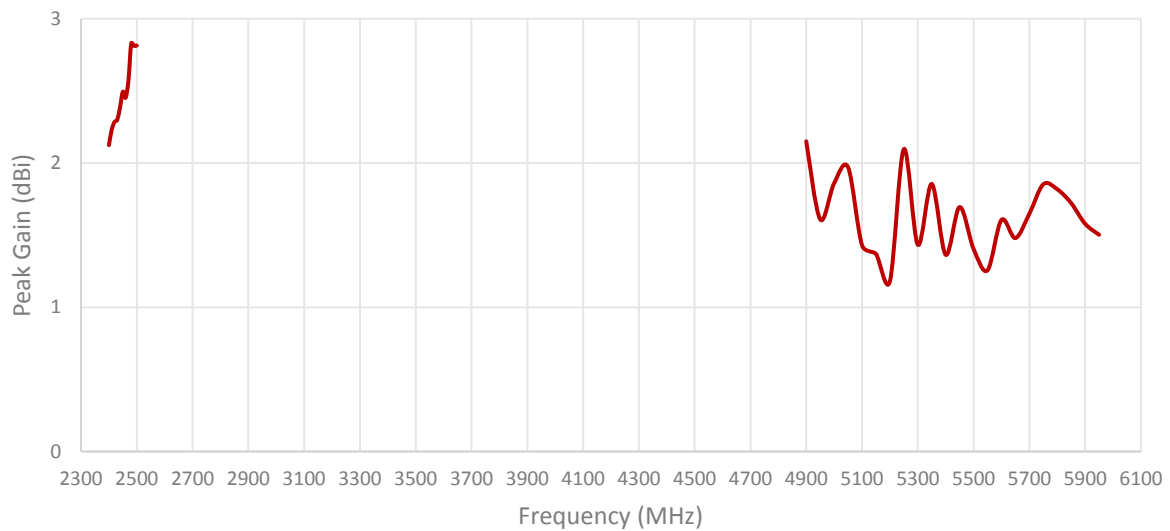
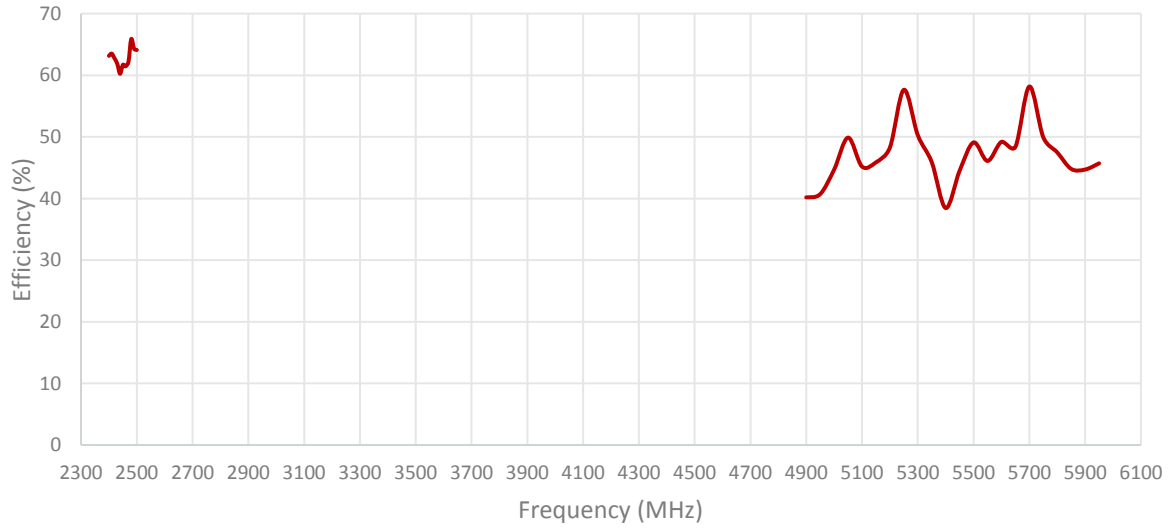
Cable 1: 2.4/5.0 GHz ISM

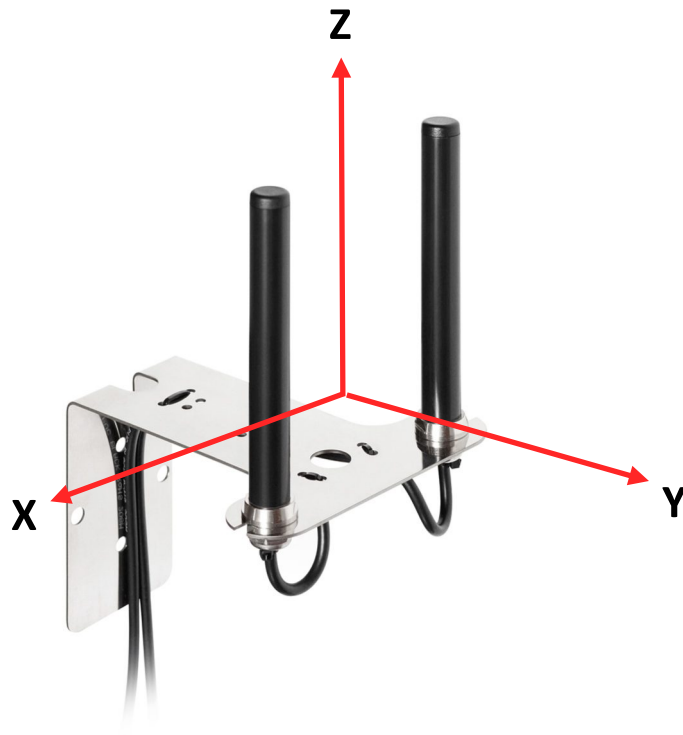




Cable 2: 2.4/5.0 GHz ISM

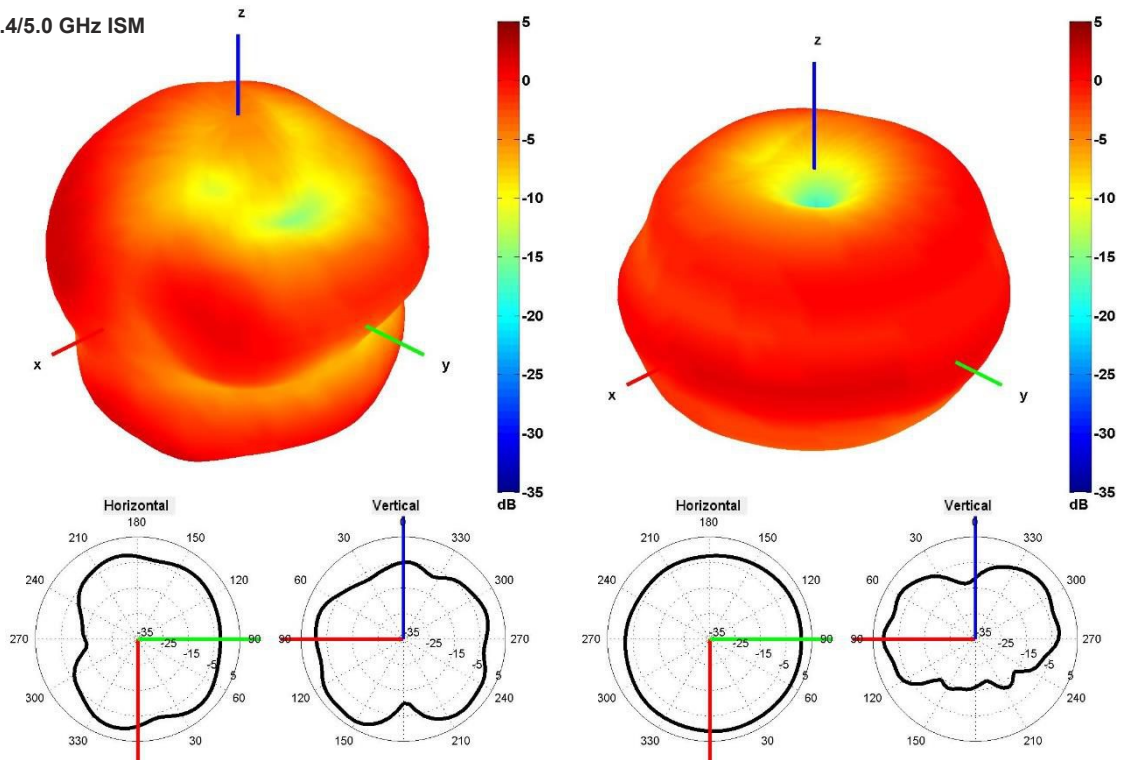






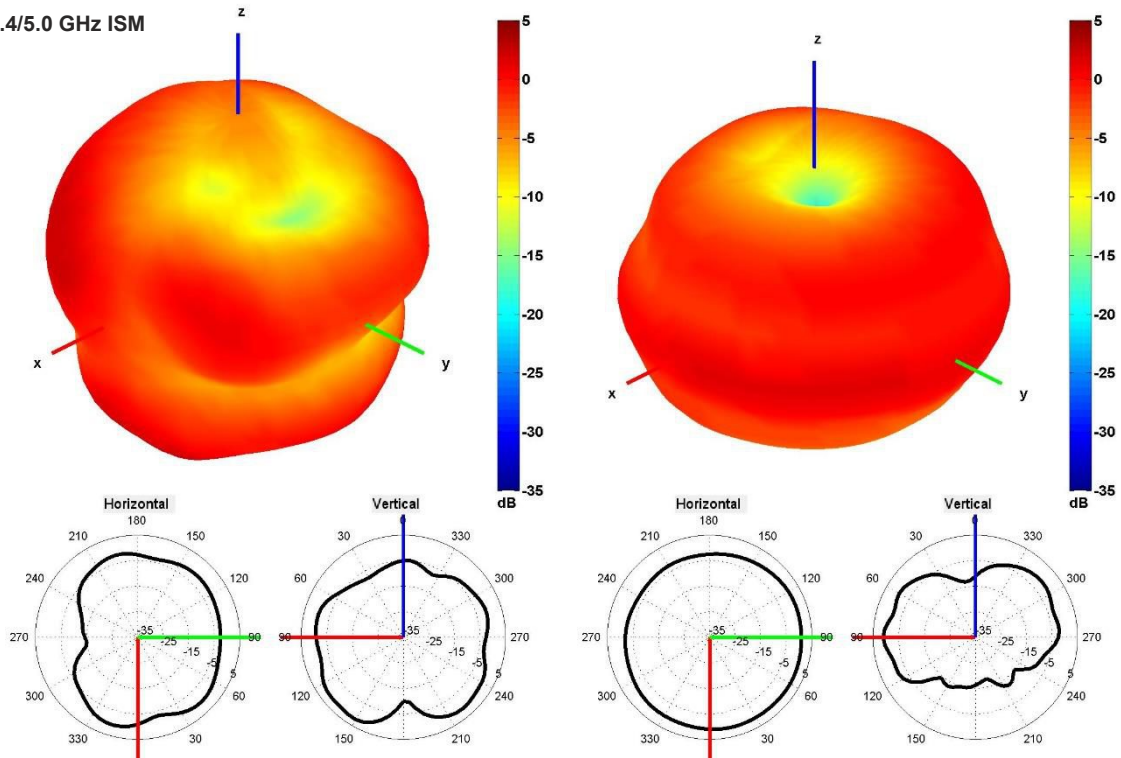
Radiation pattern reference

Cable 1: 2.4/5.0 GHz ISM



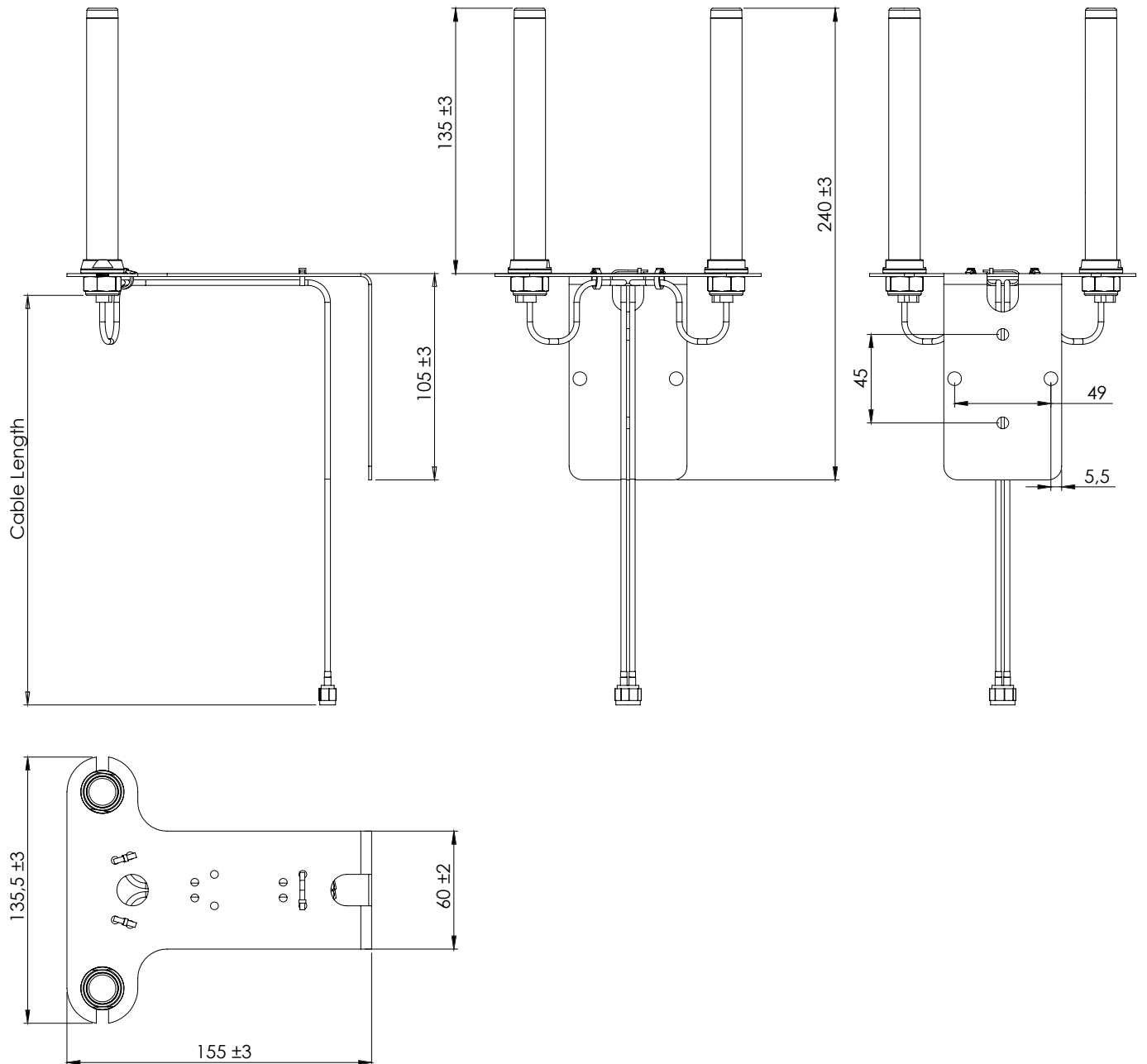
2450 and 5500 MHz Radiation pattern

Cable 2: 2.4/5.0 GHz ISM



2450 and 5500 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

