

2J8410B

TETRA/UHF Screw Mount

Key Features

TETRA/UHF

- 380-470 MHz

Screw Mount

Anti-Rotation Mounting

Ground Plane Dependent

Customizable Cable and Connector

Dimensions: 99 × 60 × 154 mm

Certificates: IP67, IP69



1. Antenna and electrical specifications

Parameters	TETRA/UHF Antenna
Standards	TETRA/UHF
Band (MHz)	400 MHz
Frequency (MHz)	380-470
Return Loss (dB)	~-20.5
VSWR	~1.3:1
Efficiency (%)	~59.1
Peak Gain (dBi)	~2.2
Average Gain (dB)	~-2.3
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	50
Connector Type	SMA-Male Standard (Other Connectors Available)
Cable Length	300 cm Standard (Any Cable Length Available)
Cable Type	RG174 Standard (Other Cables Available)

Antenna Measurement Conditions:

Mounted on 60 x 60 cm Metal Plate

200cm of RG174 Cable

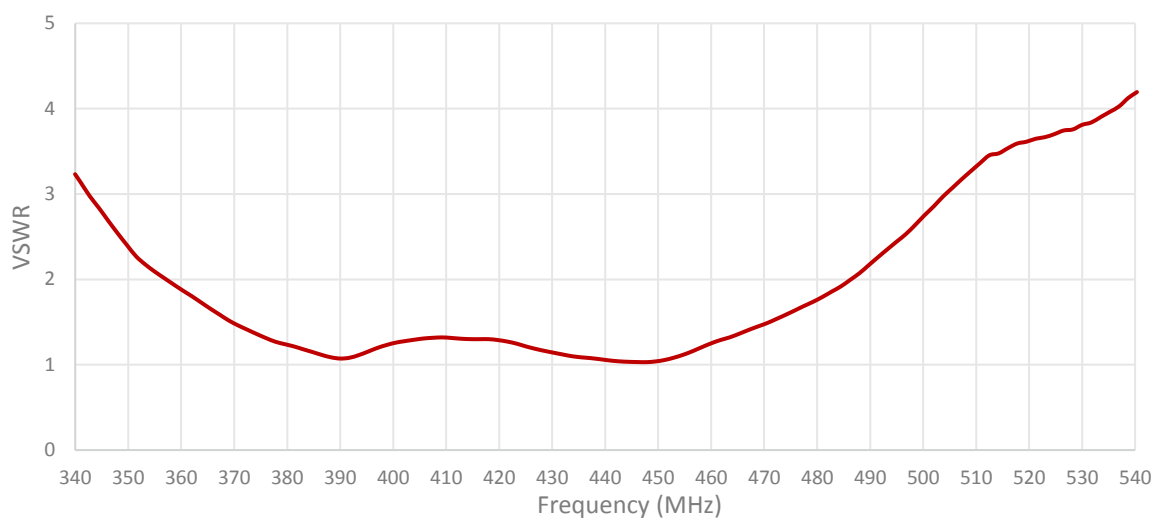
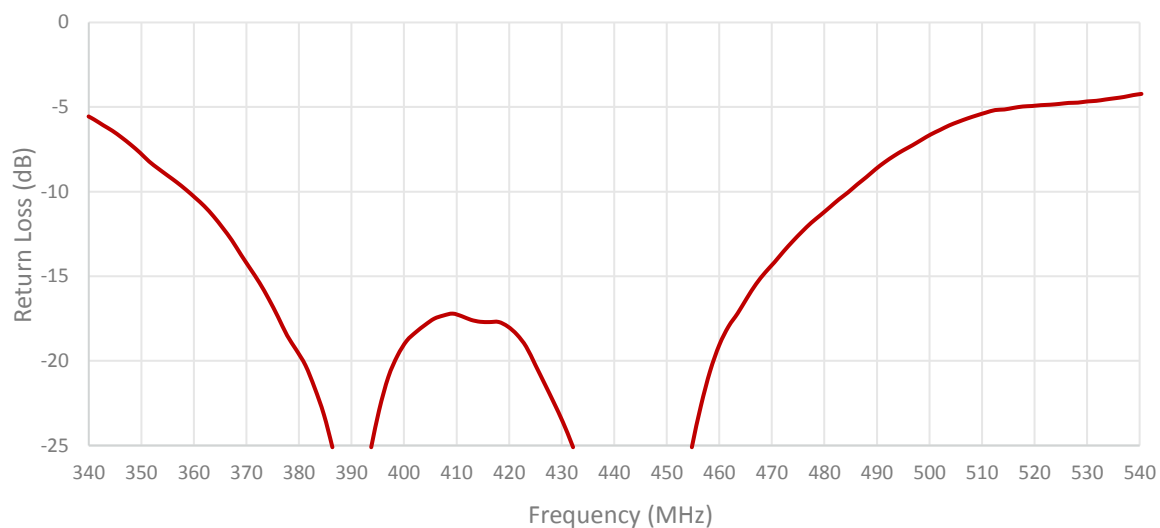
Measured in Certified CTIA 3D Anechoic Chamber

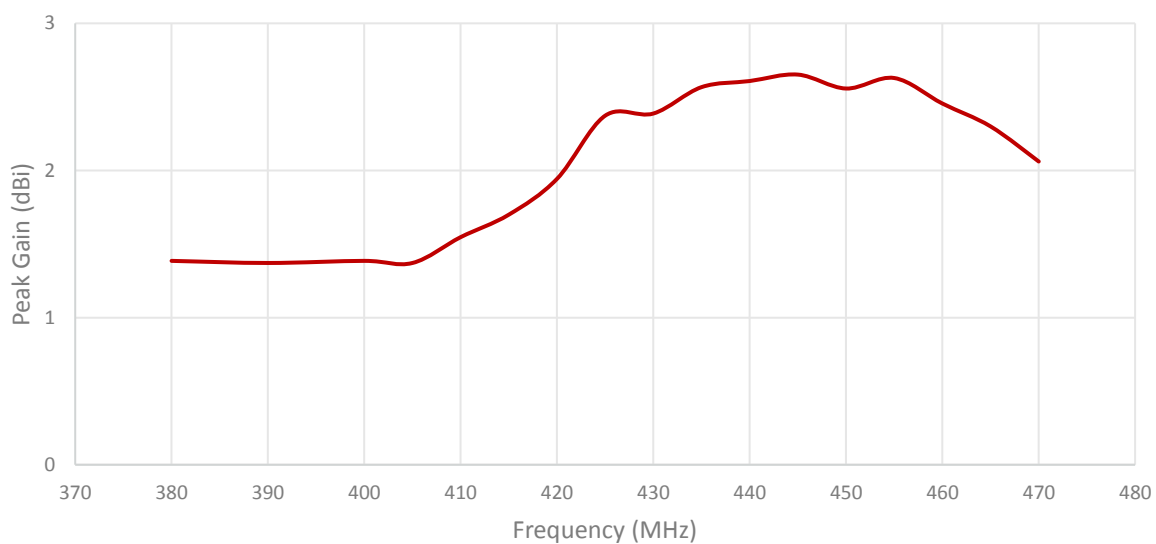
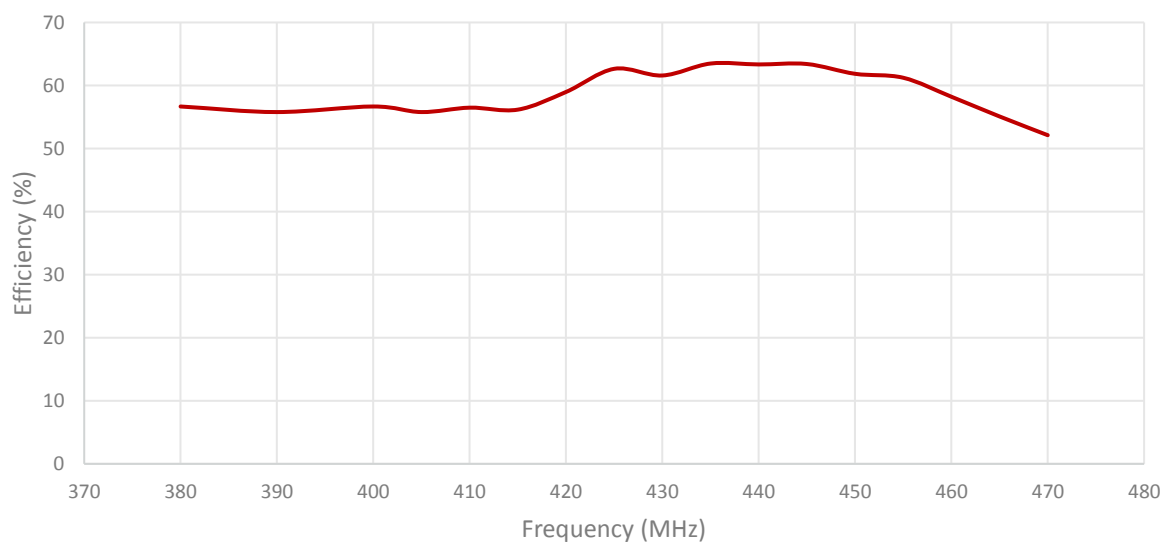
2. Mechanical and environmental specifications

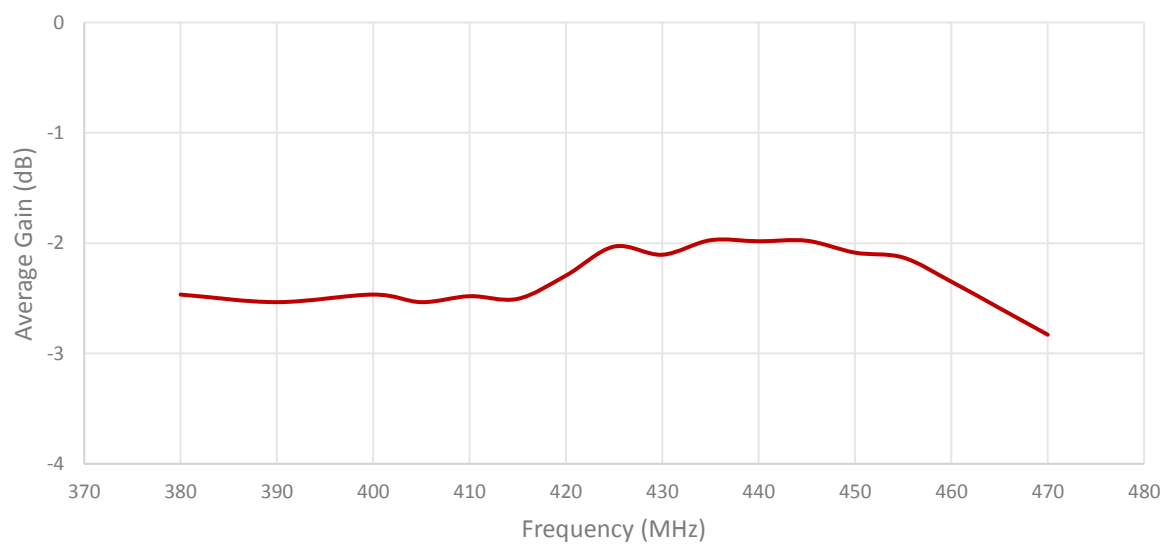
Specifications	2J8410B
Mounting Type	Screw Mount
Dimensions (mm)	99 × 60 × 154
Max. Tighten Torque (Nm)	6 Nm
Radome	ASA
Radome color	Black
Antenna Base	Zamak
Gasket	TPE
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS
Certificates	IP67, IP69

3. Antenna parameters

Cable 1: TETRA/UHF

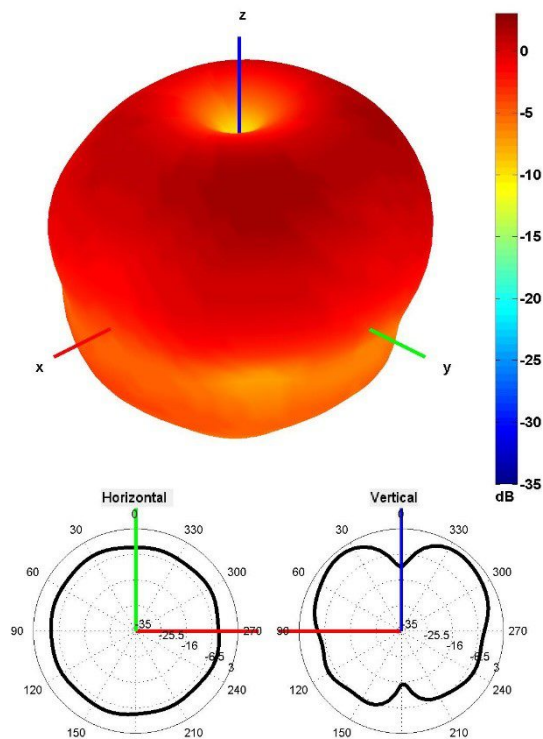






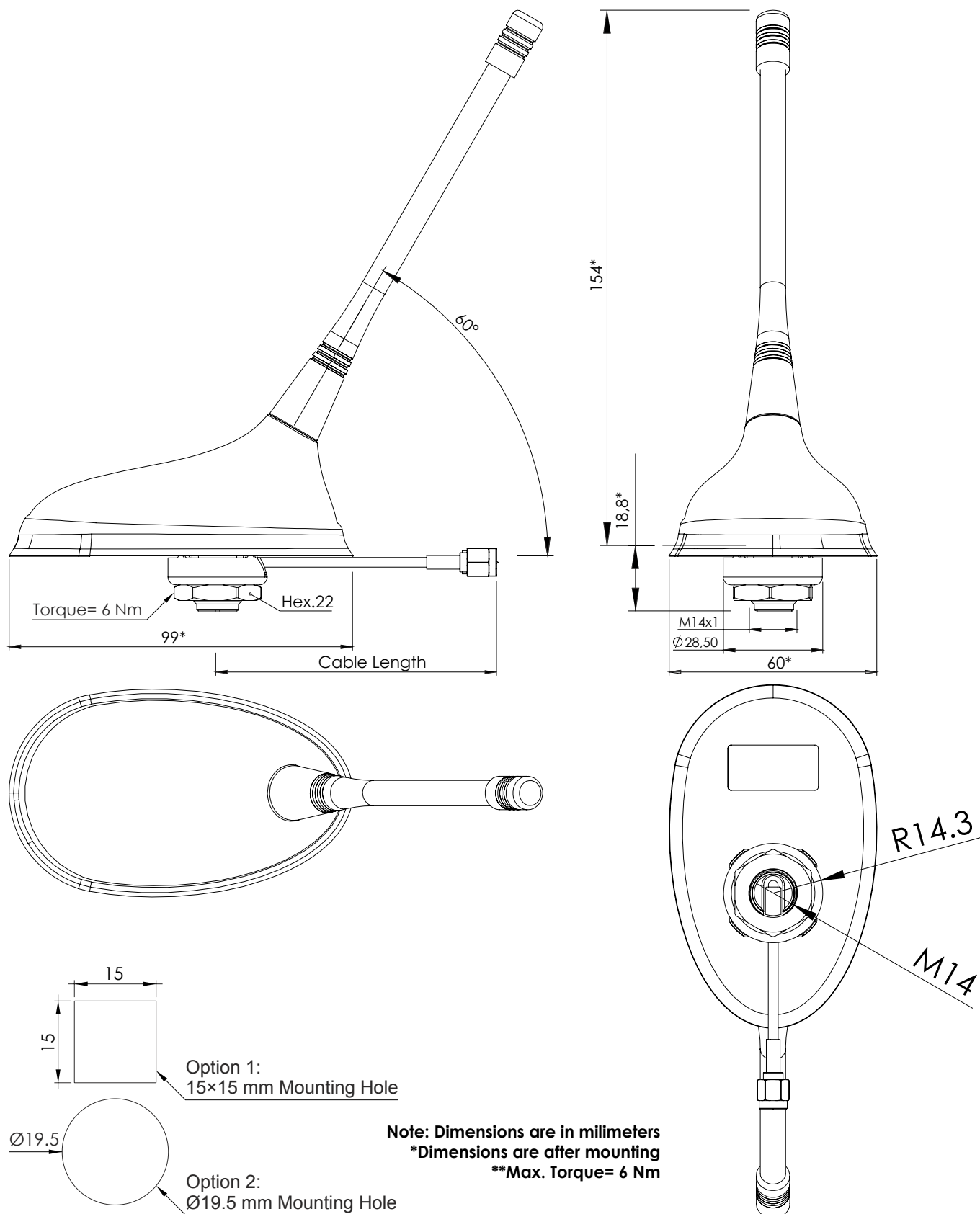
Radiation pattern reference

Cable 1: TETRA/UHF



430 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

