

# 2J1310B

## TETRA/UHF Screw Mount

### Key Features

#### TETRA/UHF

- 380-470 MHz

Screw Mount

Ground Plane Dependent

Customizable Cable and Connector

Dimensions Ø 34 × 172.5 mm



## 1. Antenna and electrical specifications

Parameters	TETRA/UHF Antenna
<b>Standards</b>	TETRA/UHF
<b>Band (MHz)</b>	400 MHz
<b>Frequency (MHz)</b>	380-470
<b>Return Loss (dB)</b>	~-14.7
<b>VSWR</b>	~2.3:1
<b>Efficiency (%)</b>	~80.6
<b>Peak Gain (dBi)</b>	~2.9
<b>Average Gain (dB)</b>	~-1.0
<b>Impedance (Ohm)</b>	50
<b>Polarisation</b>	Linear
<b>Radiation Pattern</b>	Omni-Directional
<b>Max. Input Power (W)</b>	100
<b>Connector Type</b>	SMA-Male Standard (Other Connectors Available)
<b>Cable Length</b>	300 cm Standard (Maximum Cable Length 420 cm)
<b>Cable Type</b>	RG58 Standard

### Antenna Measurement Conditions:

Mounted on 60 x 60 cm Metal Plate

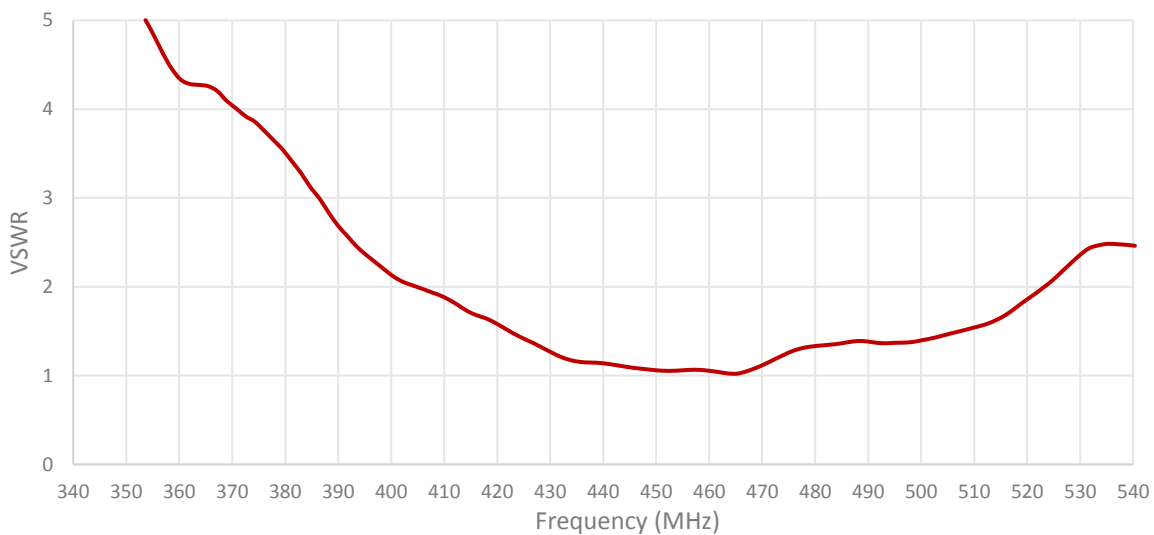
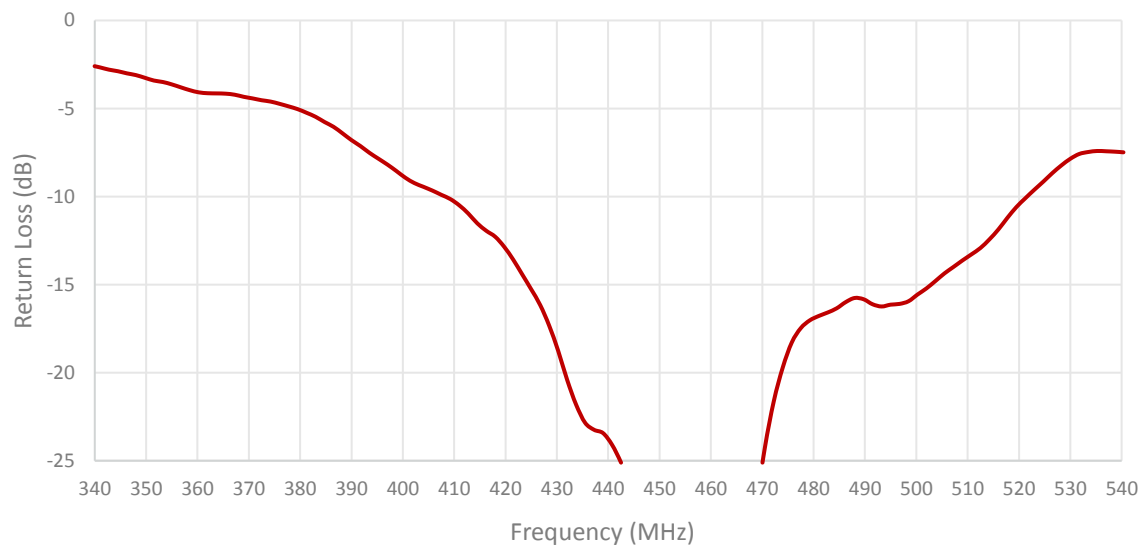
200cm of RG58 Cable

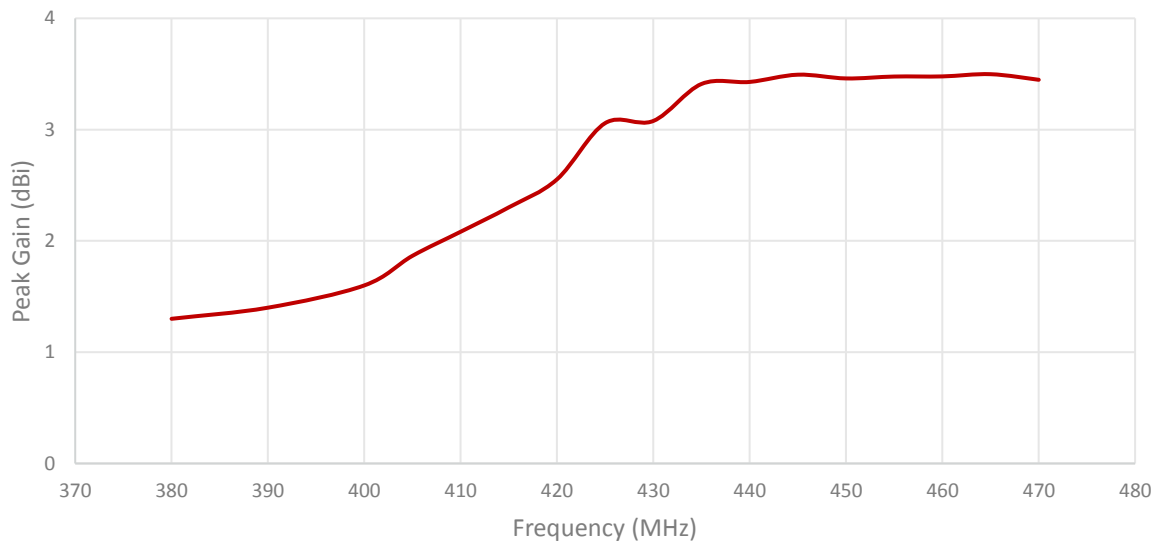
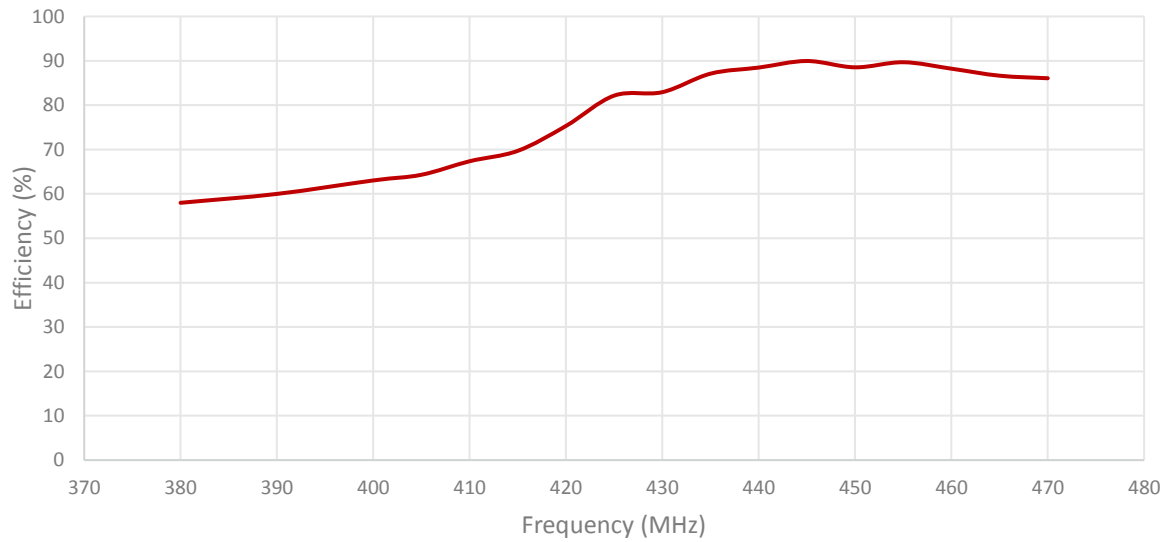
Measured in Certified CTIA 3D Anechoic Chamber

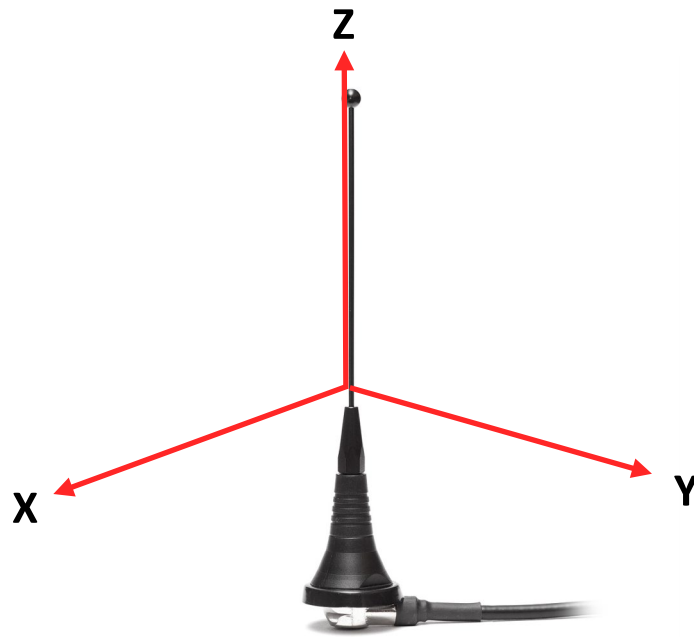
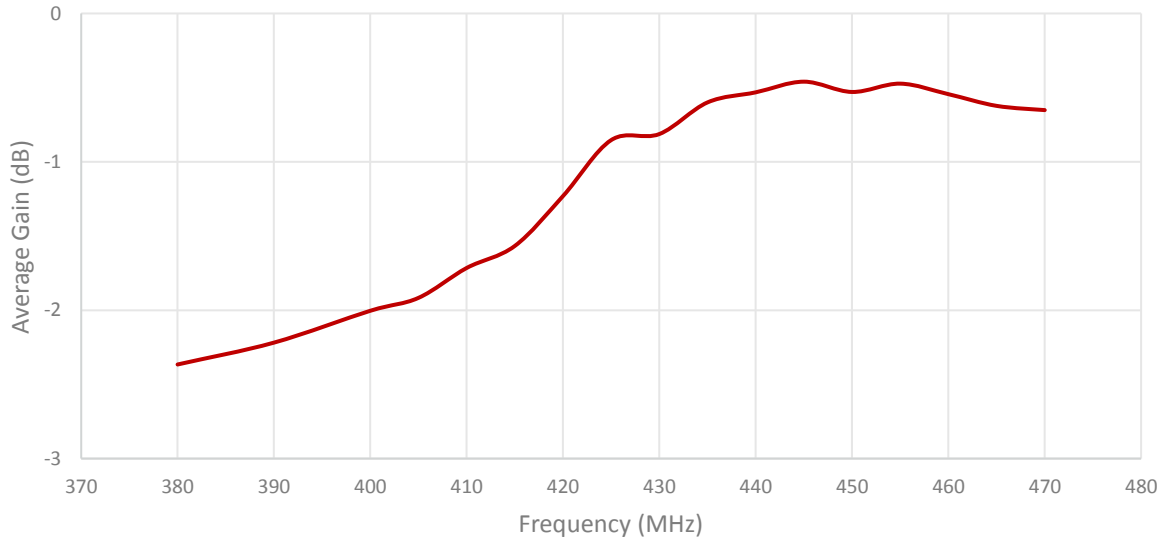
## 2. Mechanical and environmental specifications

Specifications	2J1310B
<b>Mounting Type</b>	Screw Mount
<b>Dimensions (mm)</b>	Ø 34 × 172.5
<b>Radome</b>	ABS
<b>Radome color</b>	Black
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS

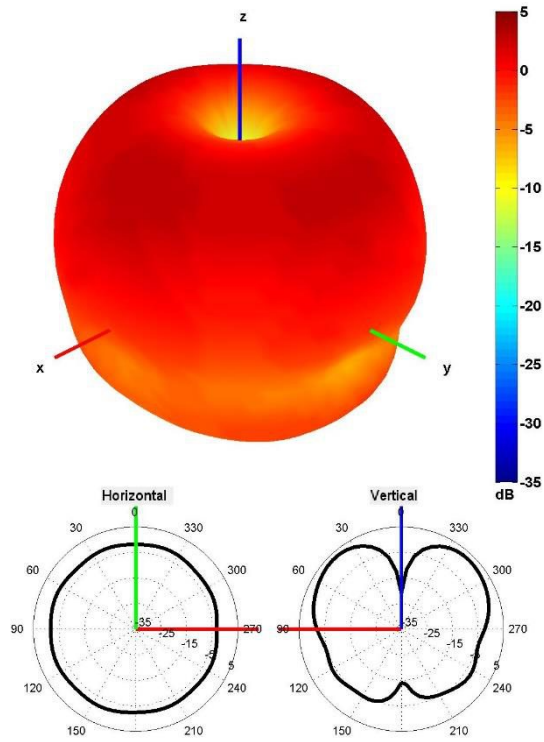
### 3. Antenna parameters





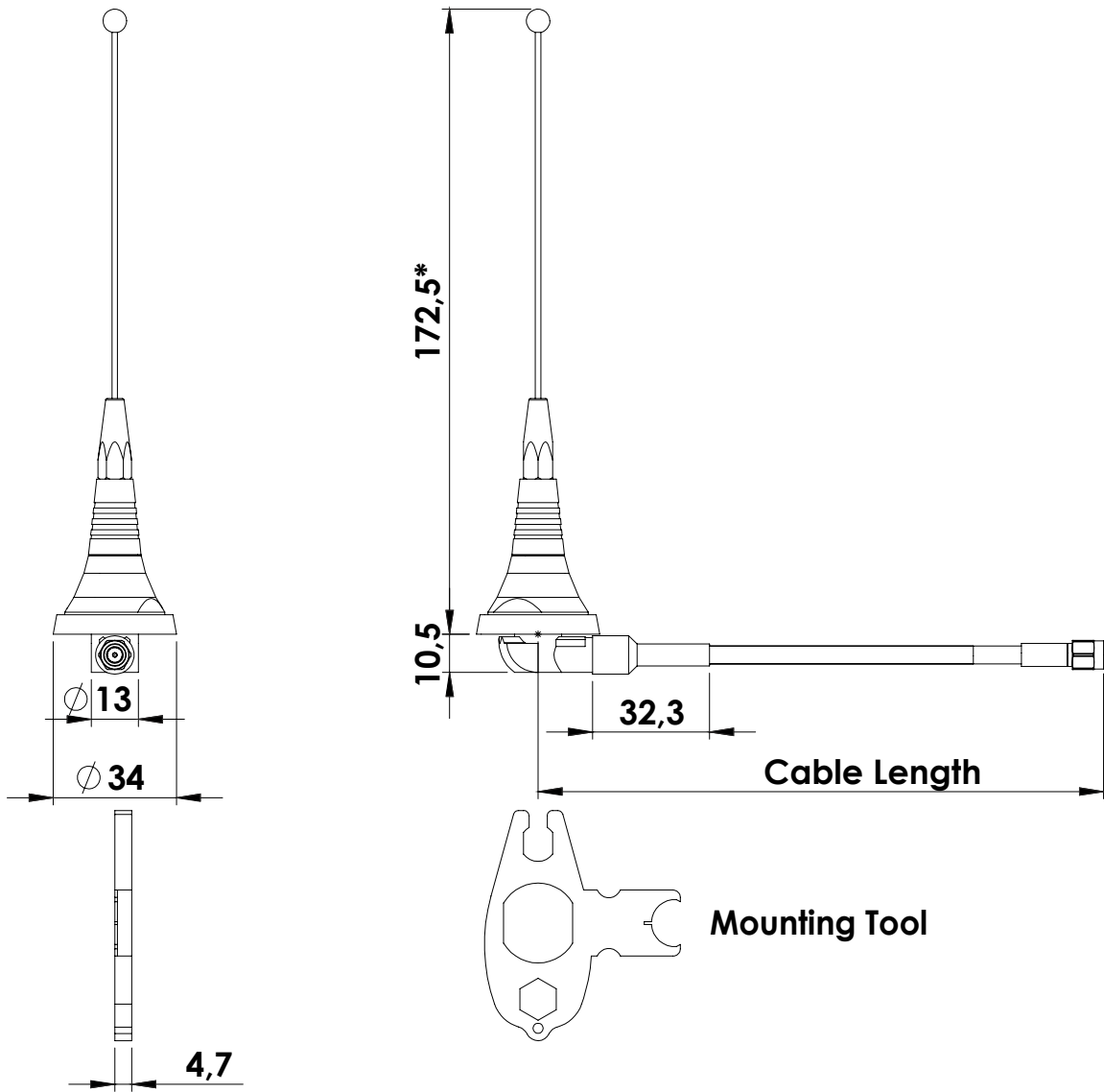


Radiation pattern reference



425 MHz Radiation pattern

## 4. Antenna drawings



Note: Dimensions are in millimeters  
 \*Dimensions are after mounting

## 5. Antenna Images

