

## 2J3490M

### LTE450 Magnetic Mount

#### Key Features

##### LTE450

- 410-496 MHz

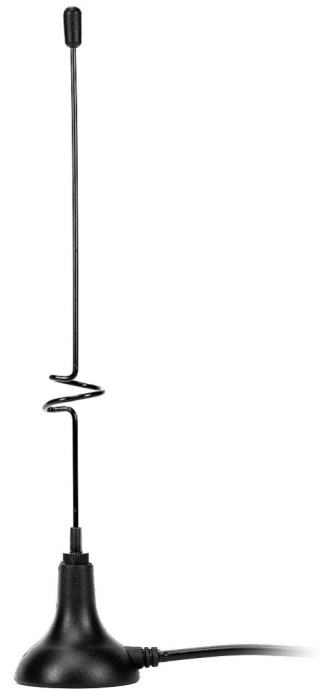
Magnetic Mount

High Gain

Ground Plane Dependent

Dimensions  $\varnothing 31 \times 164$  mm

Customized Cable and Connector



## 1. Antenna and electrical specifications

Parameters	LTE450 Antenna
<b>Standards</b>	LTE Band 450
<b>Band (MHz)</b>	450 MHz
<b>Frequency (MHz)</b>	410-496
<b>Return Loss (dB)</b>	~-12.1
<b>VSWR</b>	~1.8:1
<b>Efficiency (%)</b>	~61.8
<b>Peak Gain (dBi)</b>	~3.0
<b>Average Gain (dB)</b>	~-2.1
<b>Impedance (Ohm)</b>	50
<b>Polarisation</b>	Linear
<b>Radiation Pattern</b>	Omni-Directional
<b>Max. Input Power (W)</b>	50
<b>Connector Type</b>	SMA-Male Standard (Other Connectors Available)
<b>Cable Length</b>	300 cm Standard (Any Cable Length Available)
<b>Cable Type</b>	LL100 Standard (Other Cables Available)

### Antenna Measurement Conditions:

Mounted on 60 x 60 cm Metal Plate

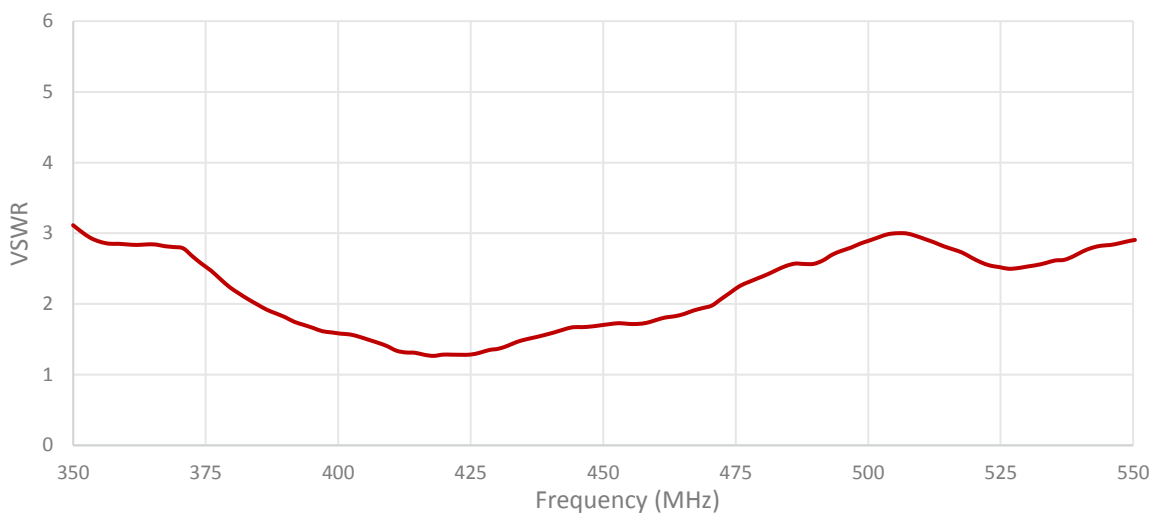
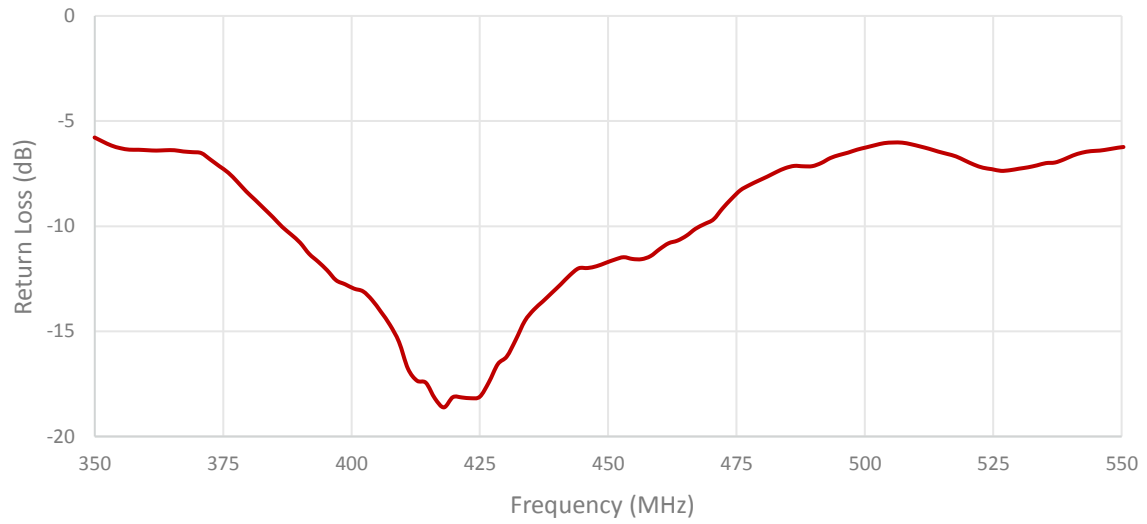
200cm of LL100 Cable

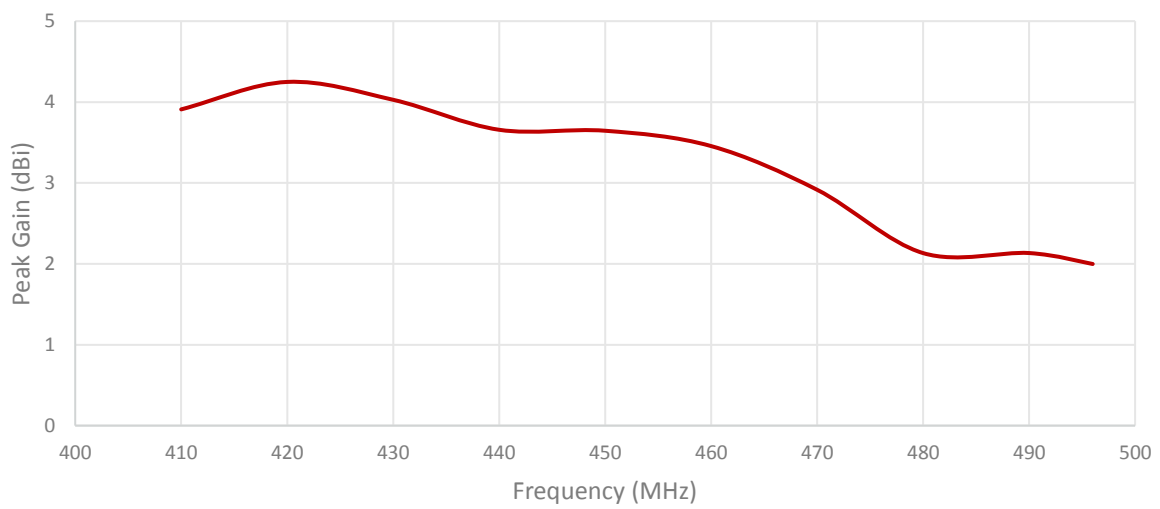
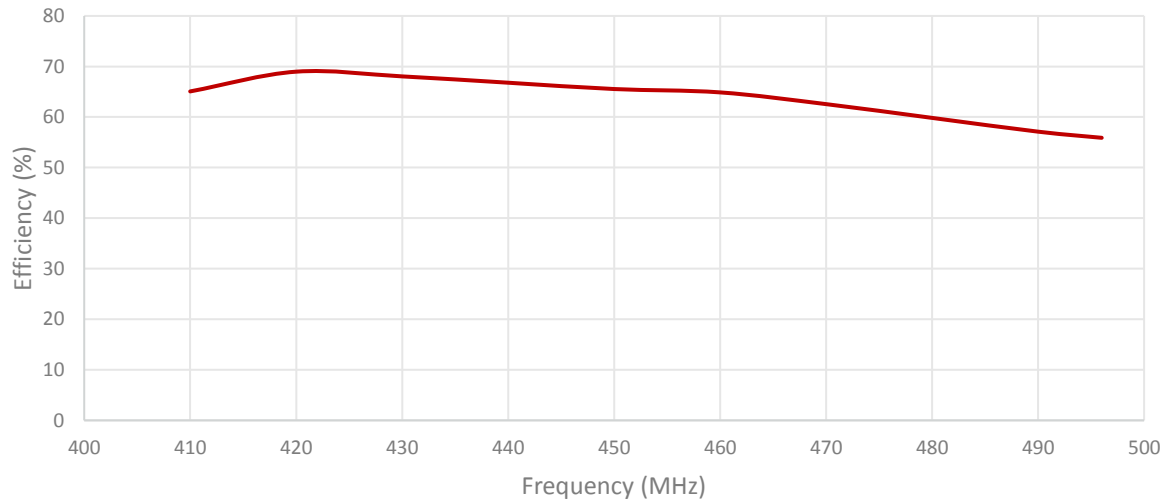
Measured in Certified CTIA 3D Anechoic Chamber

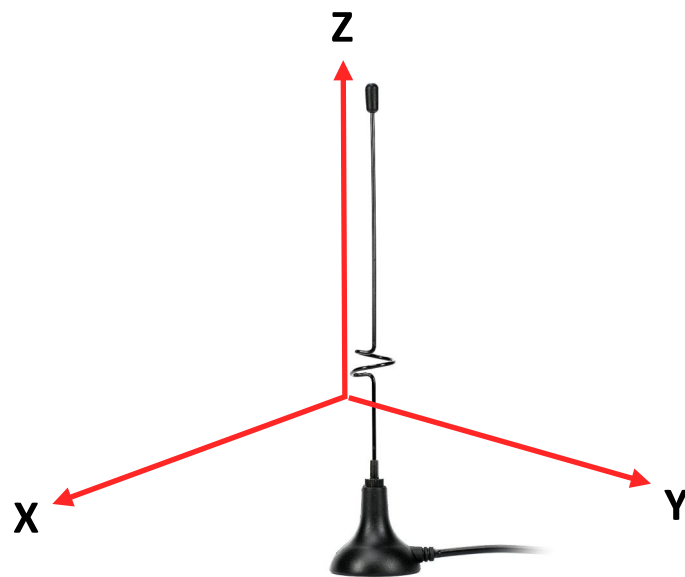
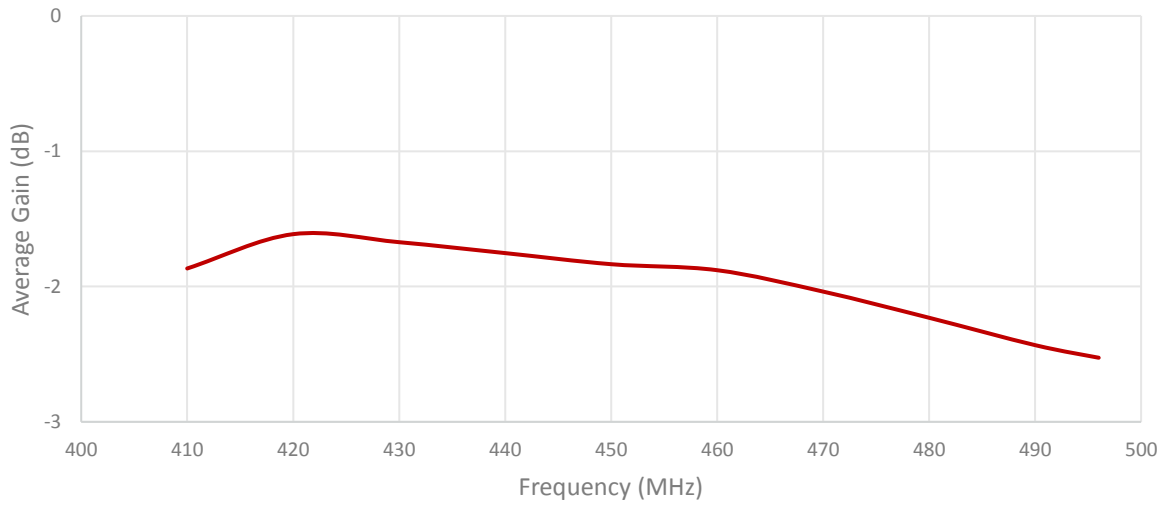
## 2. Mechanical and environmental specifications

Specifications	2J3490M
<b>Mounting Type</b>	Magnetic Mount
<b>Dimensions (mm)</b>	Ø 31 × 164
<b>Radome</b>	ABS/TPE
<b>Radome color</b>	Black
<b>Antenna Base</b>	Zamak
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS

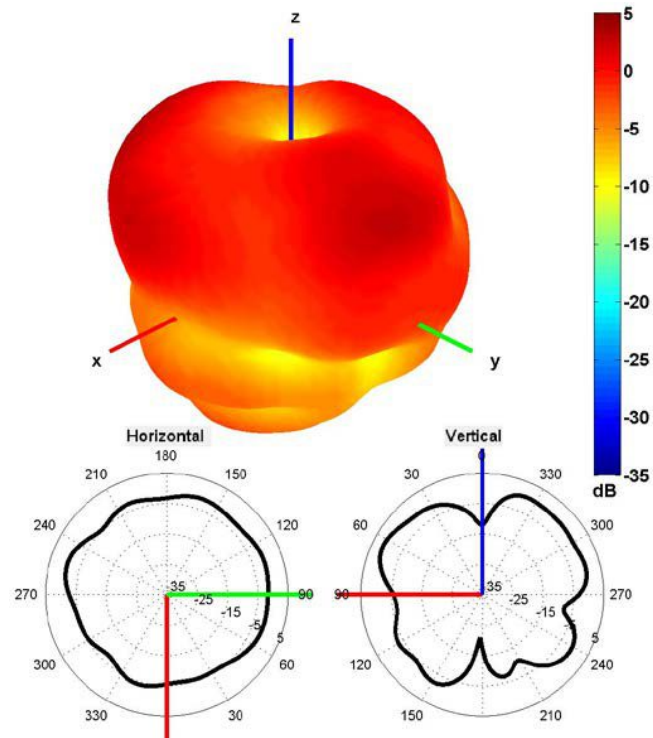
### 3. Antenna parameters





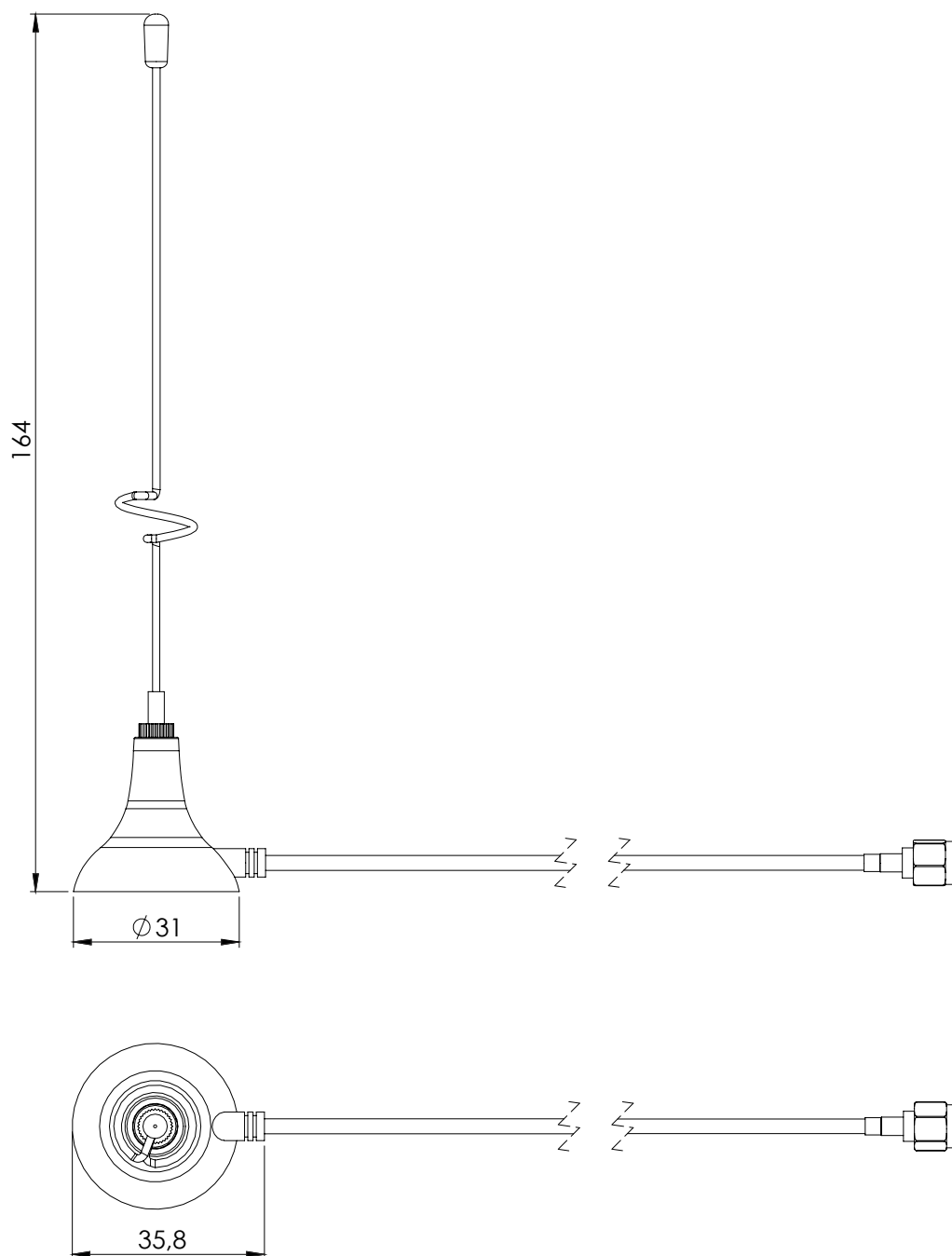


Radiation pattern reference



450 MHz Radiation pattern

## 4. Antenna drawings



## 5. Antenna Images

