

# 2J5290P

LTE450 Adhesive Mount

## Key Features

### LTE450

- 410-496 MHz
- Adhesive Mount
- Flexible Housing
- Low Profile
- High Performance
- Ground Plane Independent
- Customizable Cable and Connector
- Dimensions 117.4 × 12.5 × 6.5 mm



## 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>	~-7.4
<b>VSWR</b>	~3.3:1
<b>Efficiency (%)</b>	~37.3
<b>Peak Gain (dBi)</b>	~-1.3
<b>Average Gain (dB)</b>	~-4.7
<b>Impedance (Ohm)</b>	50
<b>Polarisation</b>	Linear
<b>Radiation Pattern</b>	Omni-Directional
<b>Max. Input Power (W)</b>	25
<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 30 x 30 x 0.25 cm ABS Plate

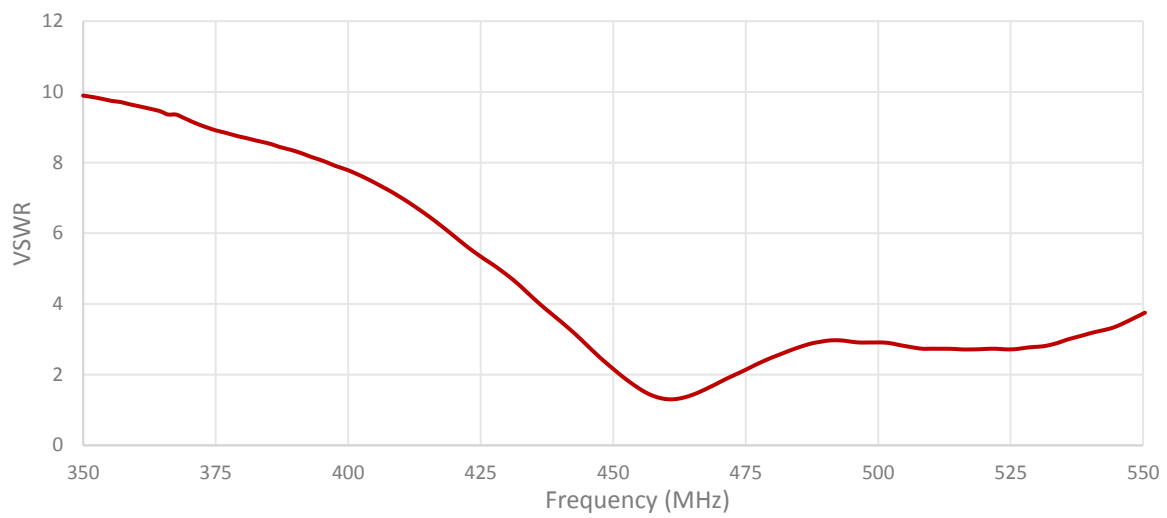
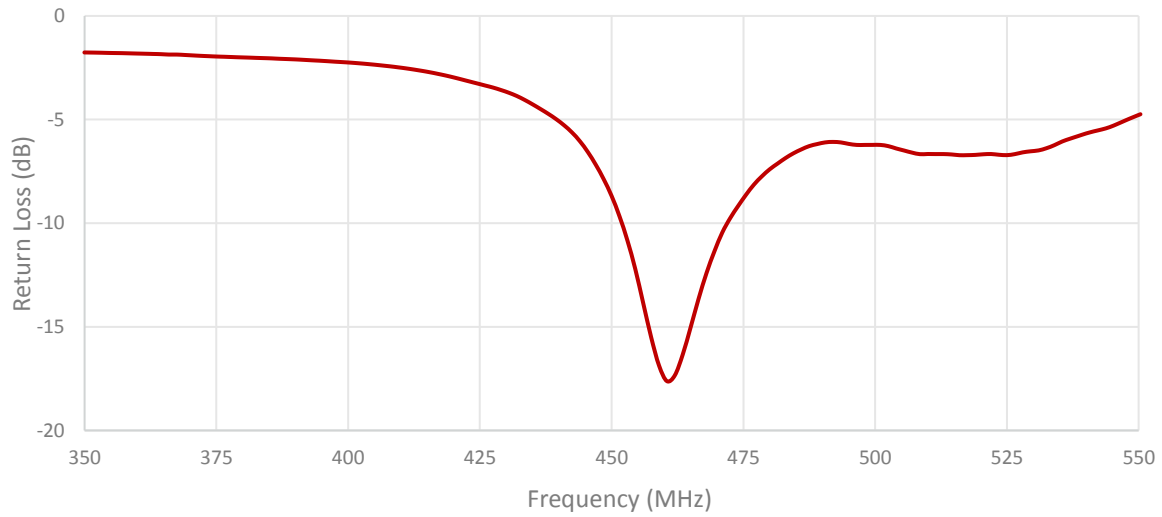
200 cm LL100 Cable

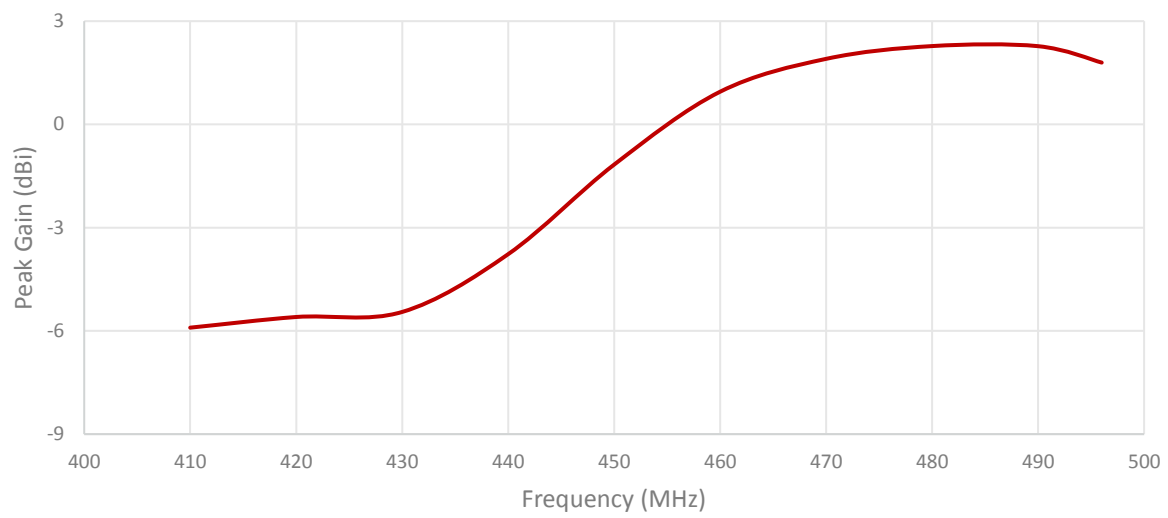
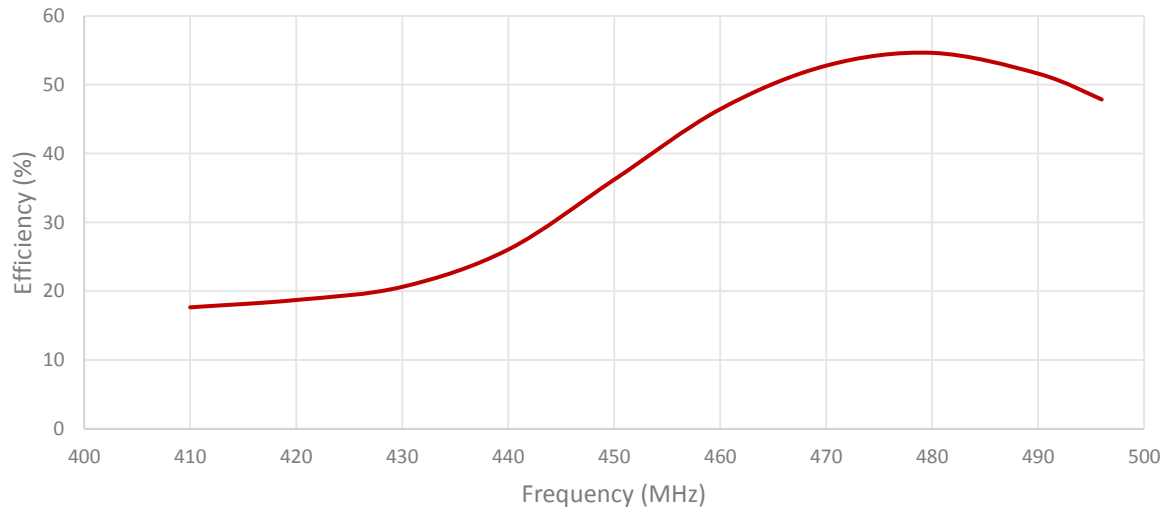
Measured in Certified CTIA 3D Anechoic Chamber

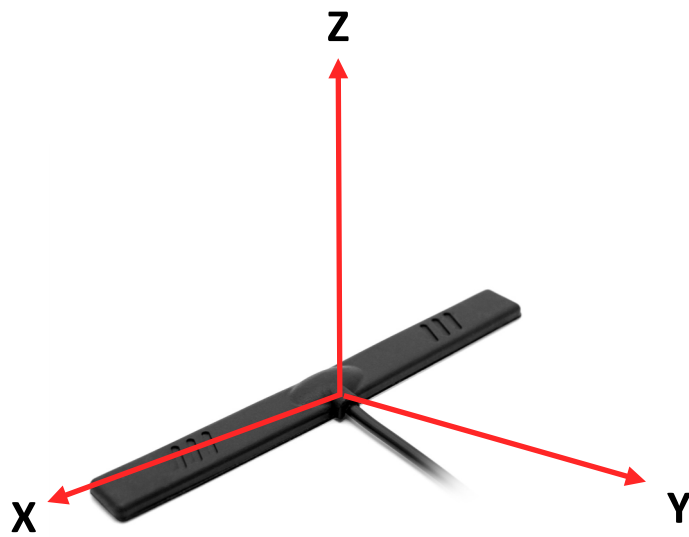
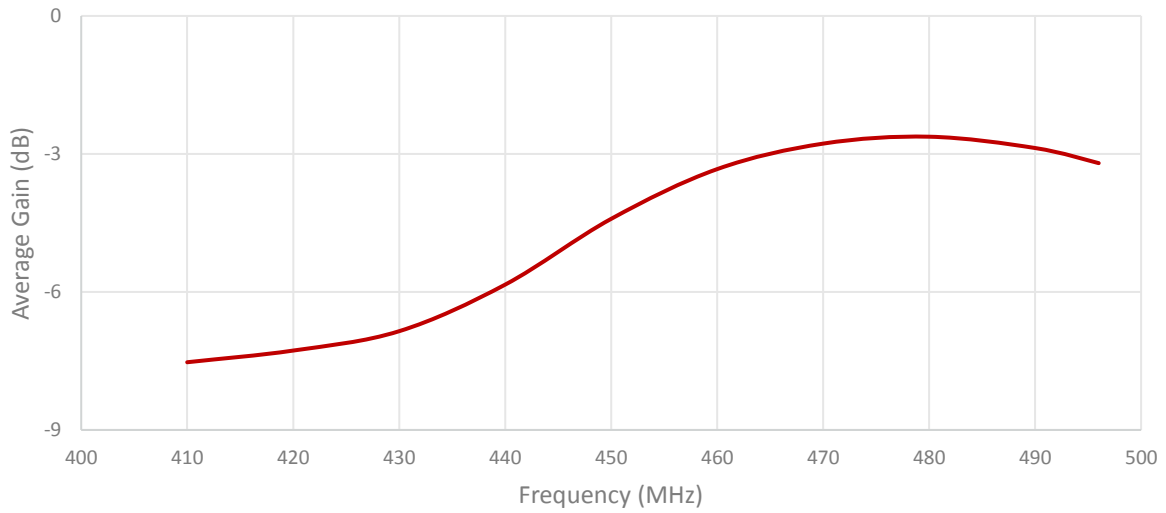
## 2. Mechanical and environmental specifications

Specifications	2J5290P
<b>Mounting Type</b>	Adhesive Mount
<b>Dimensions (mm)</b>	117.4 × 12.5 × 6.5
<b>Radome</b>	PC/ABS UV Stable
<b>Radome color</b>	Black, White
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS

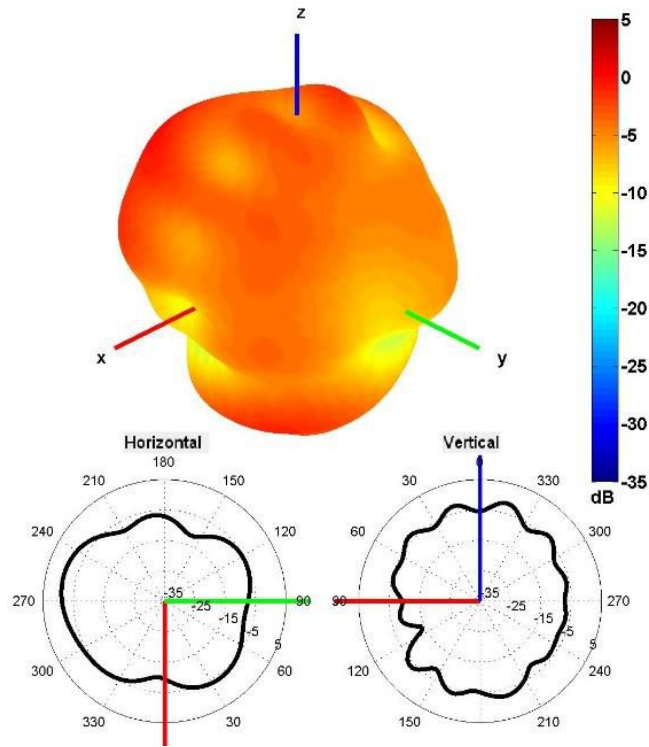
## 3. Antenna parameters





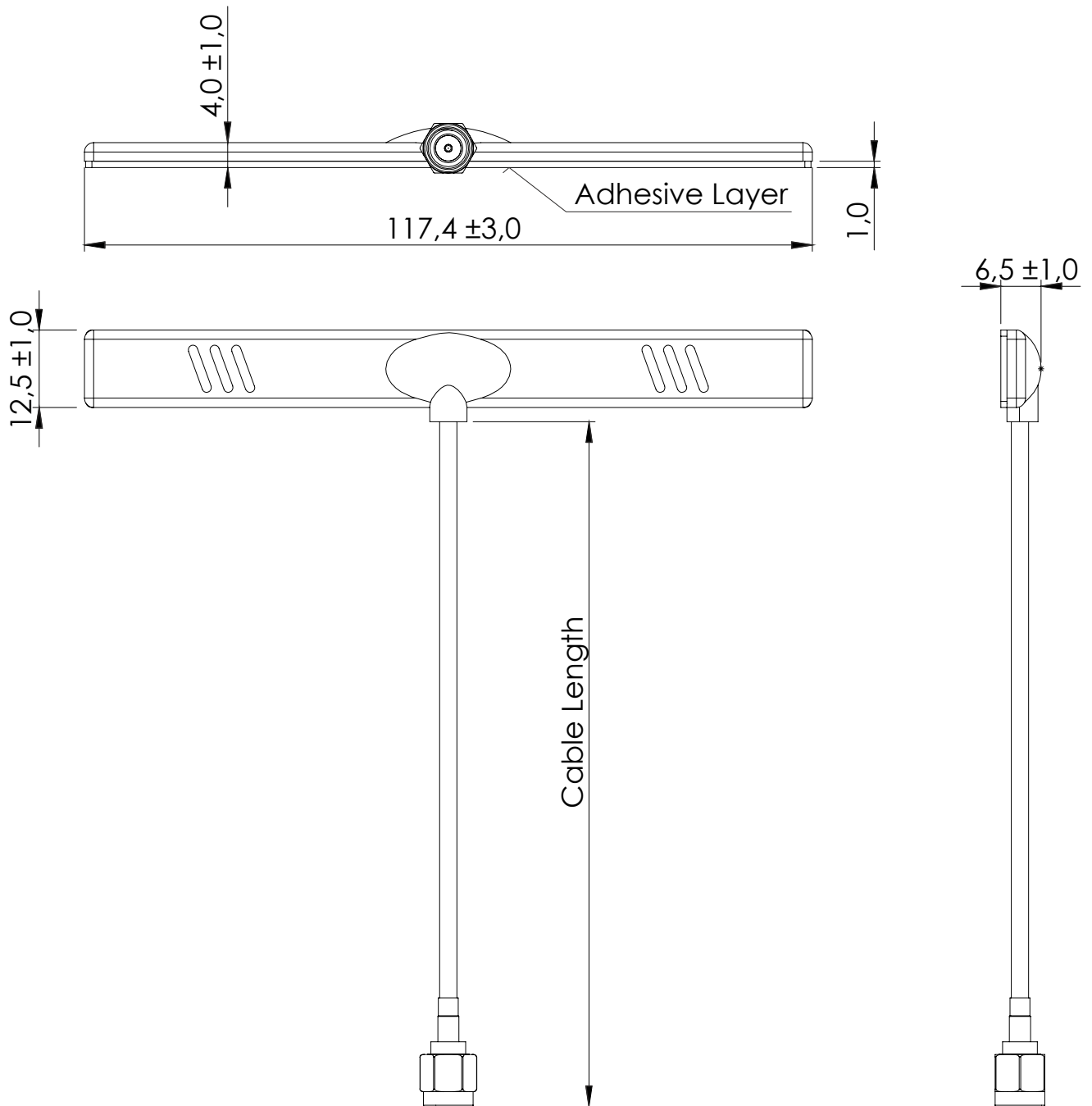


Radiation pattern reference



450 MHz Radiation pattern

## 4. Antenna drawings



## 5. Antenna Images

