

2J0B90-C884G

LTE450 Connector Mount

Key Features

LTE450

- 410-496 MHz

Connector Mount

Low Profile

Ground Plane Dependent

Dimensions 44 × 19.1 × 9 mm



2. Antenna and electrical specifications

Parameters	LTE450 Antenna
Standards	LTE Band 450
Band (MHz)	450 MHz
Frequency (MHz)	410-496
Return Loss (dB)	~-6.3
VSWR	~5.0:1
Efficiency (%)	~40.6
Peak Gain (dBi)	~-1.5
Average Gain (dB)	~-4.5
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	50
Connector Type	SMA-Male Standard (Right-Angle)

Antenna Measurement Conditions:

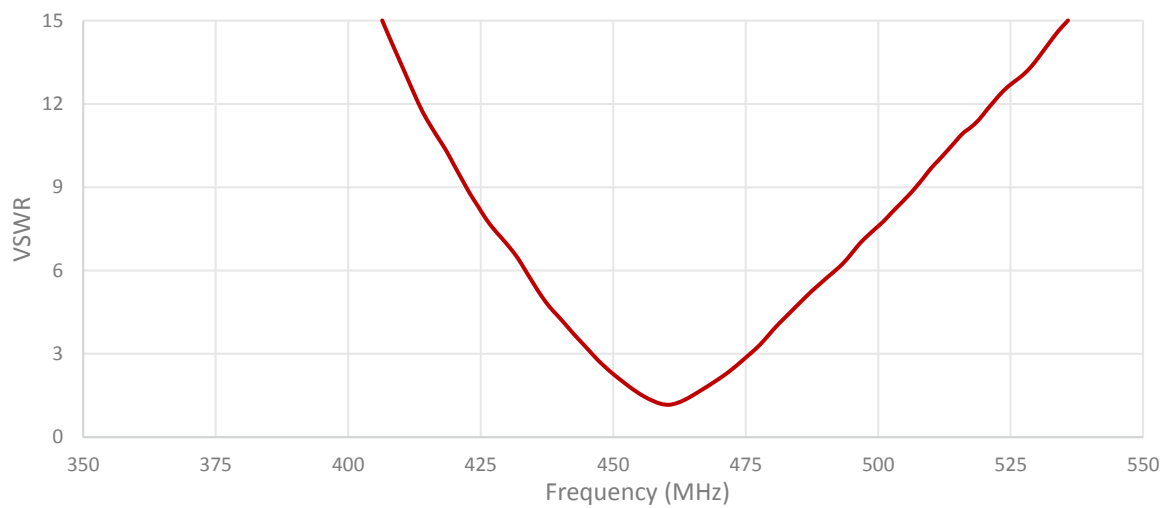
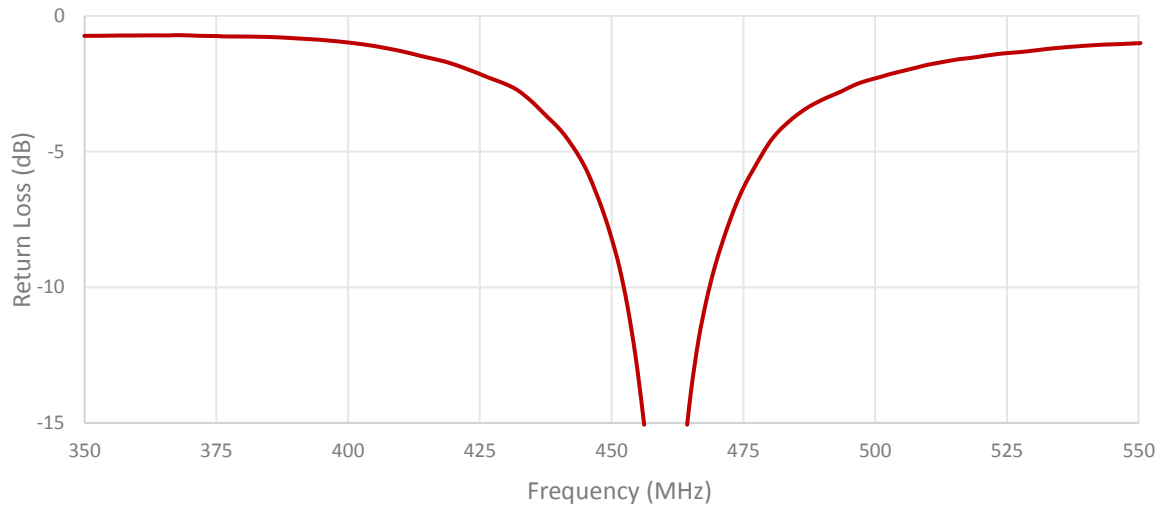
Mounted on Ground Plane of 150x40 mm

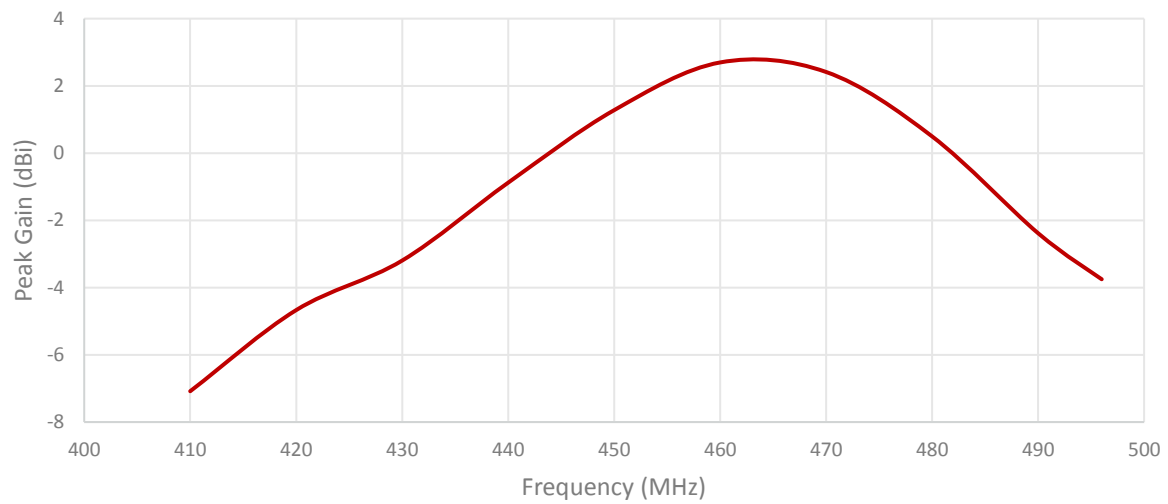
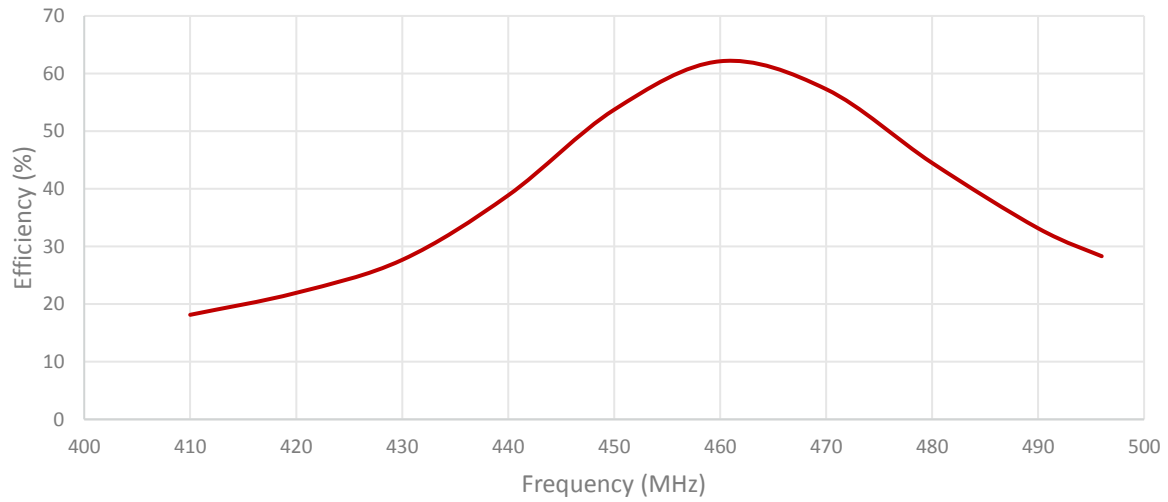
Measured in Certified CTIA 3D Anechoic Chamber

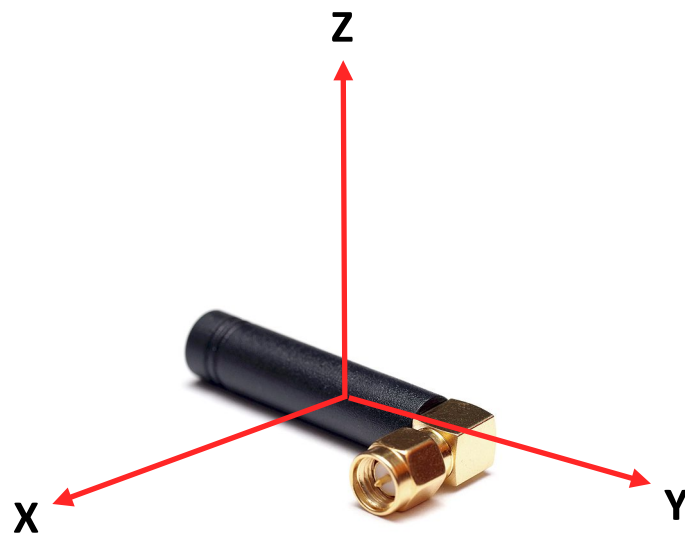
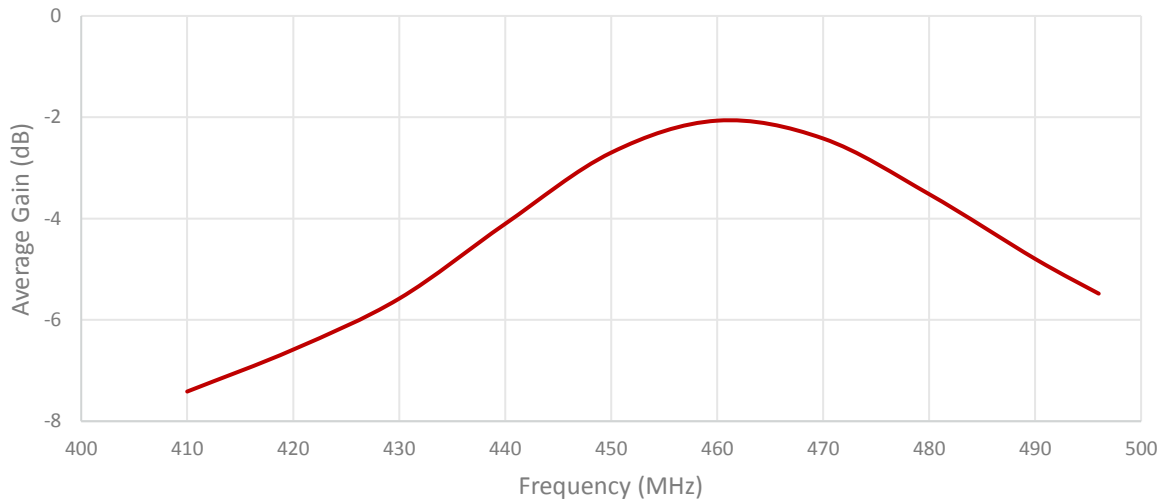
3. Mechanical and environmental specifications

Specifications	2J0B90-C884G
Mounting Type	Connector Mount
Dimensions (mm)	44 × 19.1 × 9
Radome	TPC-ET
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

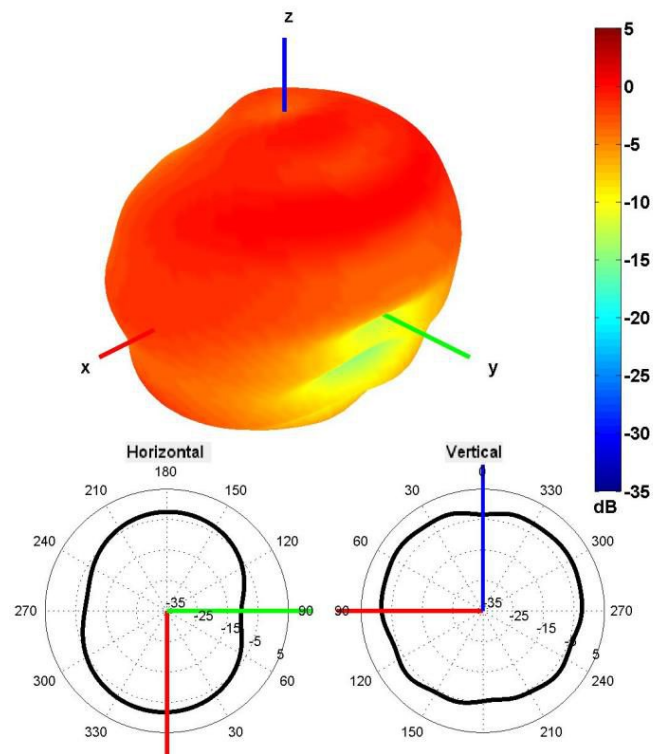
4. Antenna parameters





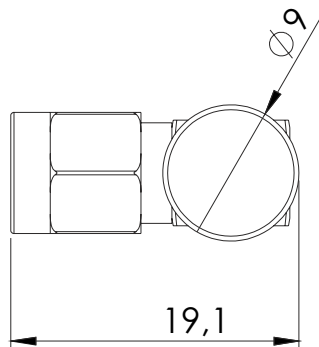
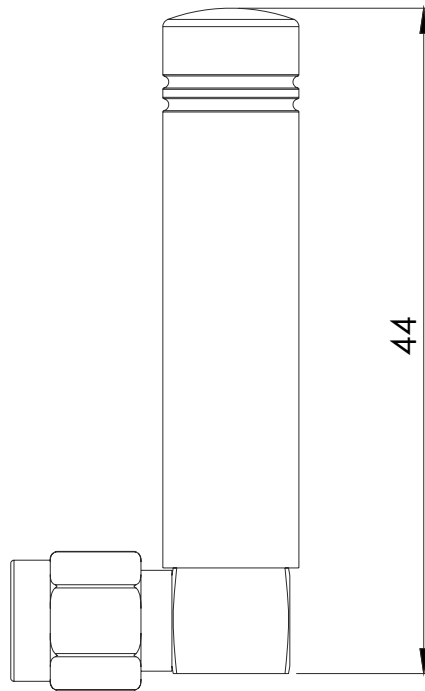


Radiation pattern reference



450 MHz Radiation pattern

5. Antenna drawings



6. Antenna Images

