

2J7515M-915-300LL100-C115GGST_CU008051

915 MHz ISM Magnetic Mount

Key Features

915 MHz ISM

- 902-928 MHz

Magnetic Mount

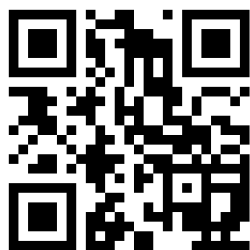
High Performance

Ground Plane Dependent

Customizable Cable and Connector

Dimensions Ø 54 x 80 mm

Certificates IP67, IP69



1. Antenna and electrical specifications

Parameters	915 MHz ISM Antenna
Standards	ZigBee, ISM, SIGFOX, LoRa, RFID
Band (MHz)	915 MHz
Frequency (MHz)	902-928
Return Loss (dB)	~14
VSWR	~1.4:1
Efficiency (%)	~66
Peak Gain (dBi)	~2.3
Average Gain (dB)	~-1.4
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	25
Connector Type	RP-SMA-Male + Green Shrink Tube
Cable Length	300 cm
Cable Type	LL100

Antenna Measurement Conditions:

Mounted on 30 x 30 cm Metal Plate

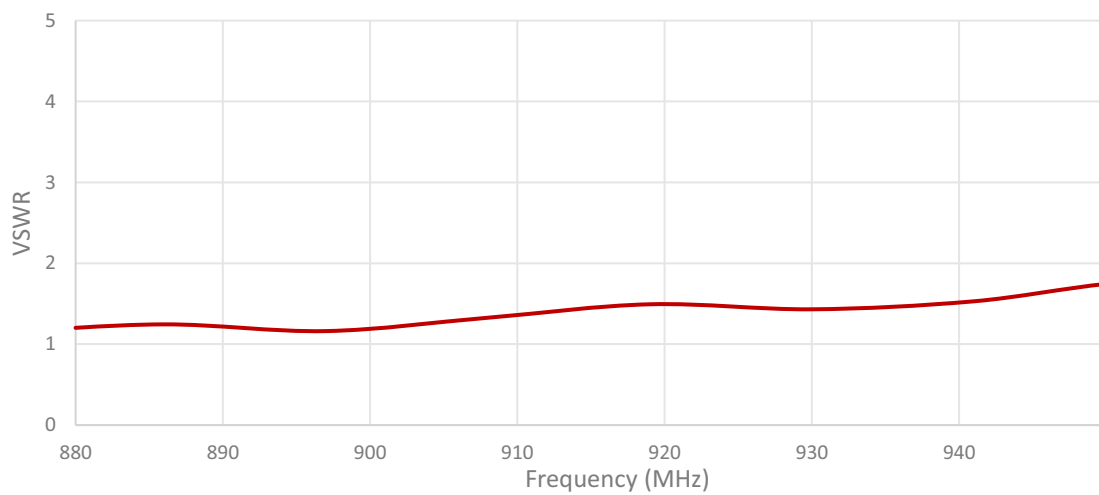
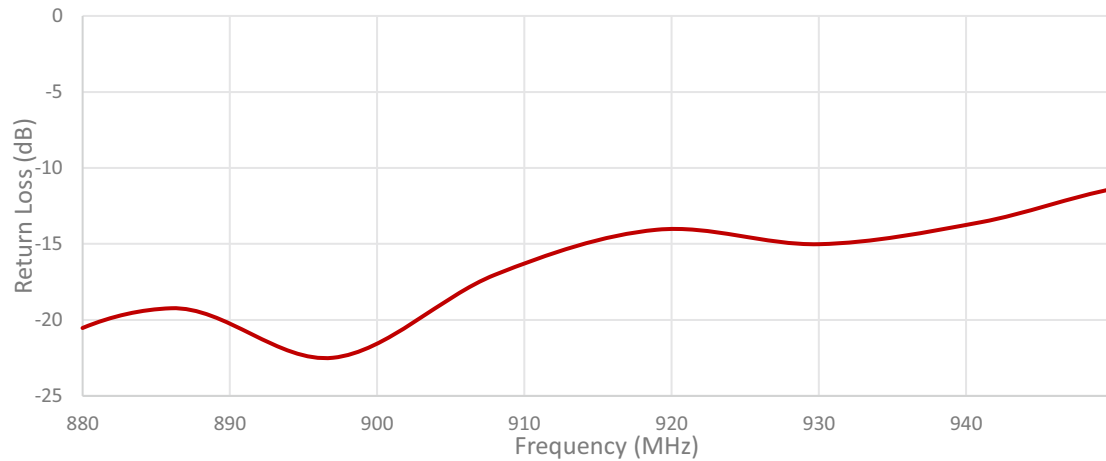
200 cm of Cable LL100

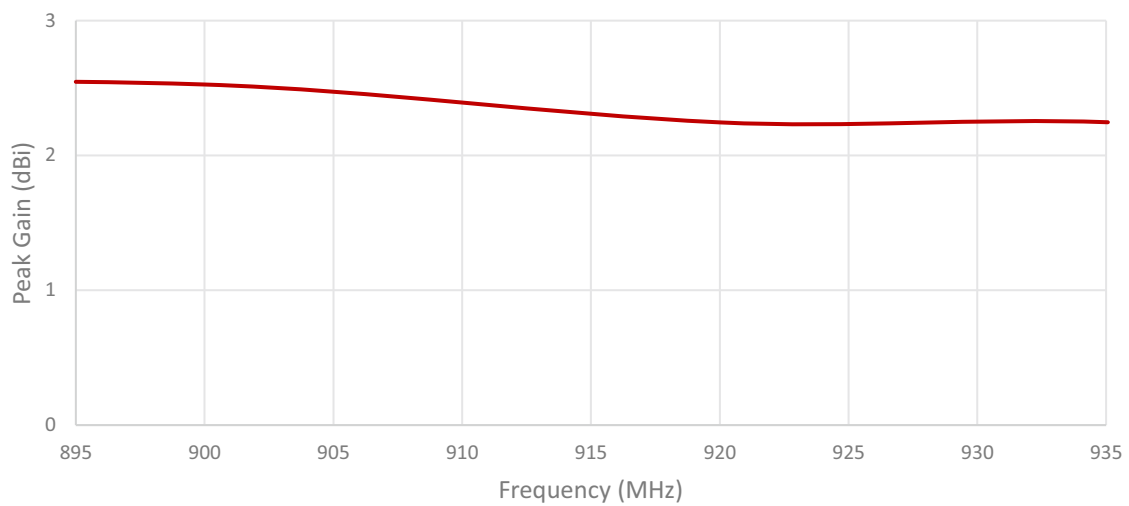
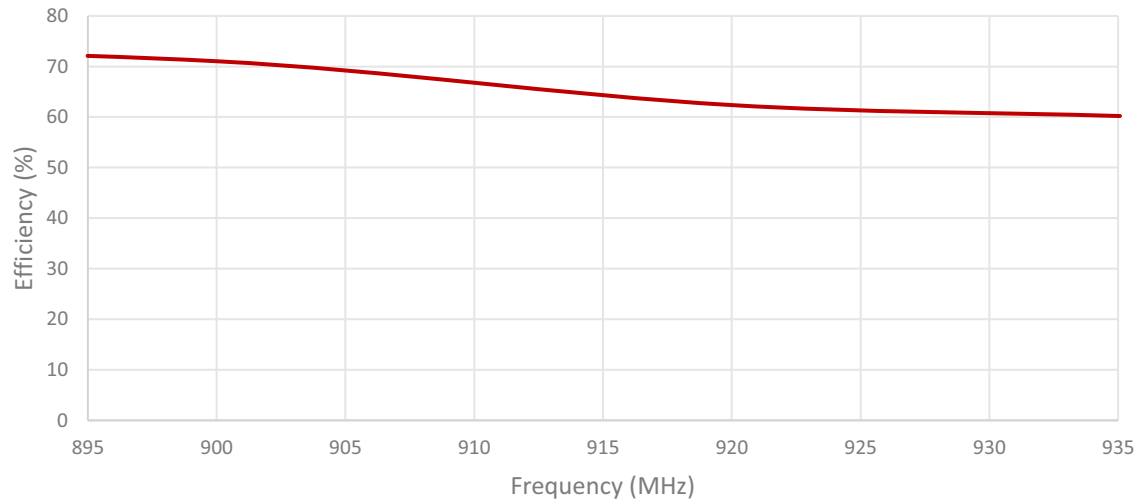
Measured in Certified CTIA 3D Anechoic Chamber

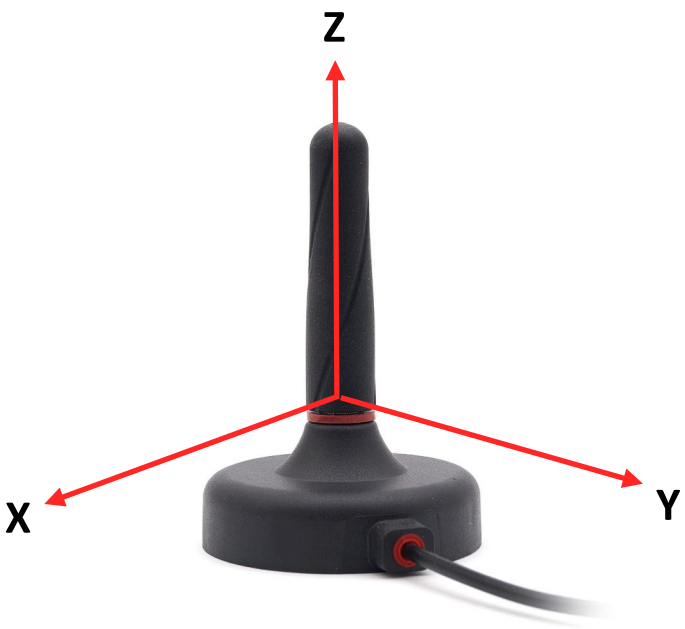
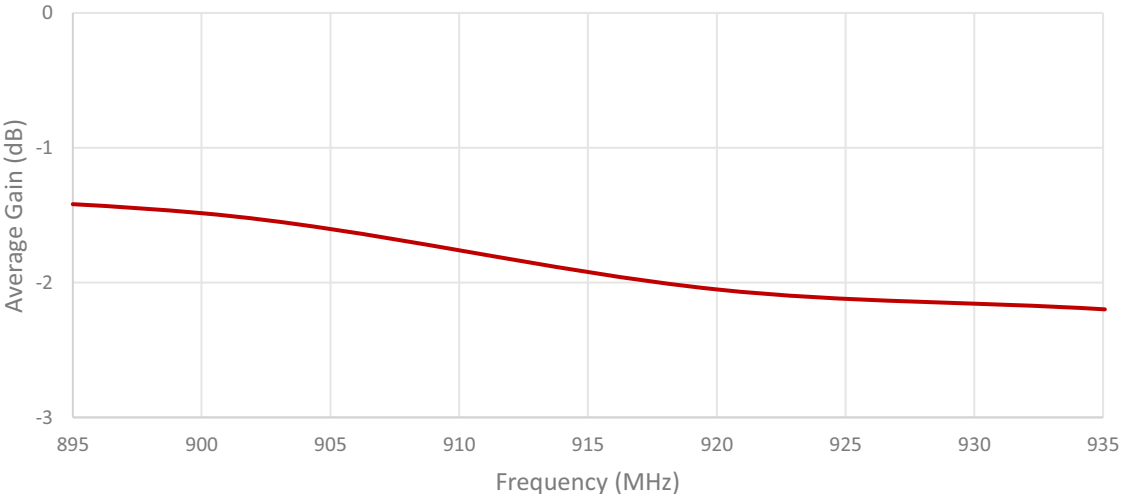
2. Mechanical and environmental specifications

Specifications	2J7515M-915-300LL100-C115GGST_CU008051
Mounting Type	Magnetic Mount
Dimensions (mm)	Ø 54 × 80
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

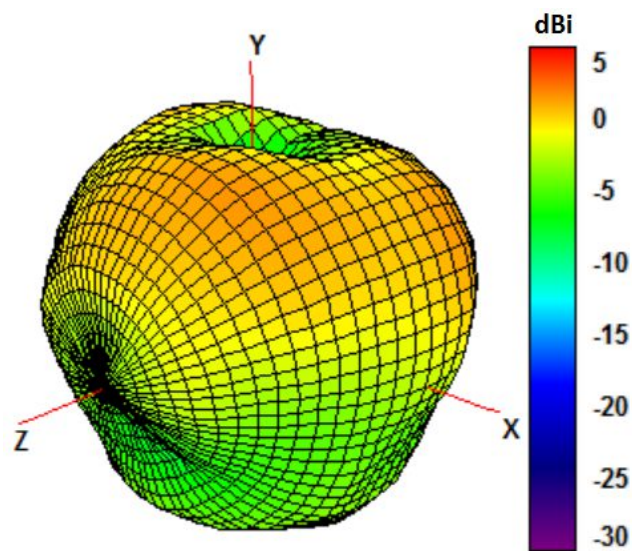
3. Antenna parameters





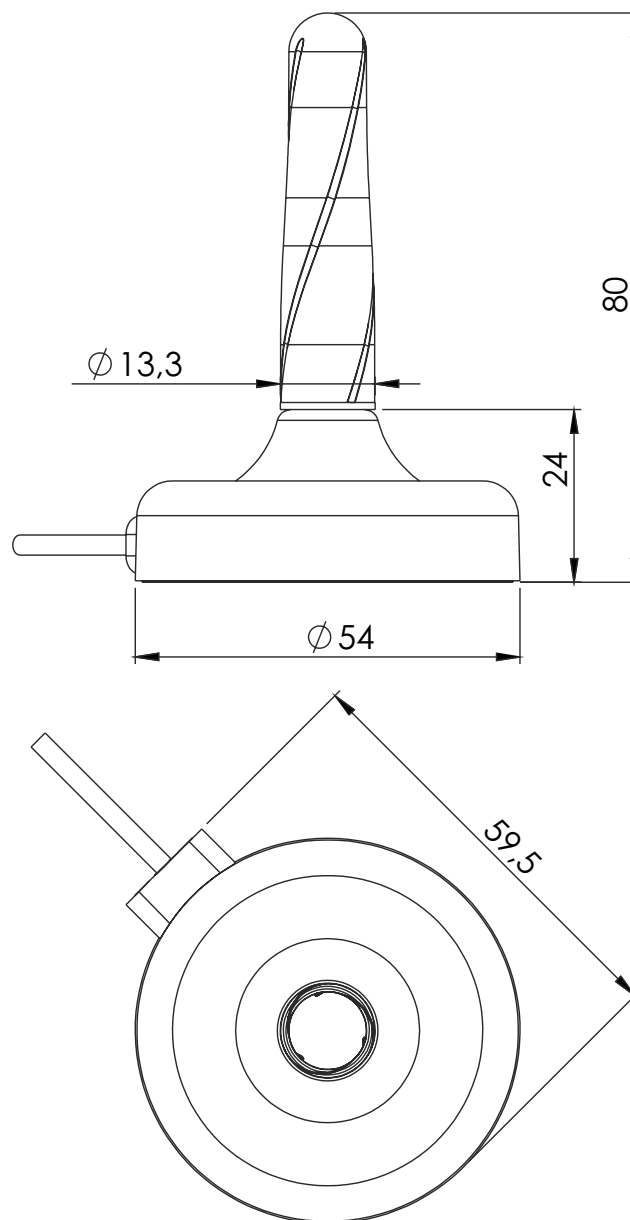


Radiation pattern reference



915 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

