



MEA-1621-CM

Iridium Connector Mount Antenna

Part #: 100-00266-01

The MEA-1621-CM is an external antenna designed for the Iridium Network and is Iridium Certified. The antenna provides exceptional pattern control, polarization purity and high efficiency. It offers excellent performance at low orbit and a sleek, and offers robust pole-to-pole coverage. The MEA-1621-CM is low profile design antenna with easy mounting, featuring a SMA Male Connector. It can be used to boost the performance of the Iridium handsets among other uses. MEA-1621-CM provides outstanding performance for any telematics and fleet management application.



Electrical Specification

Parameter	Specification
Frequency Range	1616-1627 MHz
Band	1621 MHz
Return Loss	-14.8 dB
VSWR	1.4:1
Efficiency	85.5%
Peak Gain	2.5 dBi
Average Gain	0.7 dB
Impedance	50 Ω
Max Input Power	25 W
Polarization	Linear
Radiation Pattern	Omni-Directional

Mechanical Specification

Parameter	Specification
Antenna Dimensions	Ø 74 x 34.7 mm
Operating Temperature	-40°C to + 85°C
Mounting Type	Connector Mount
Connector	SMA Male
Connector Feature	Hinged
Radome/Color	ABS/ Black
Substance Compliance	RoHS

Features

- Frequency coverage - Iridium - 1616-1627 MHz
- Easy Mounting: Connector Mount
- High Performance
- Hinged Connector
- Ground Plane Independent
- Low profile: 135 × 19 × 10 mm

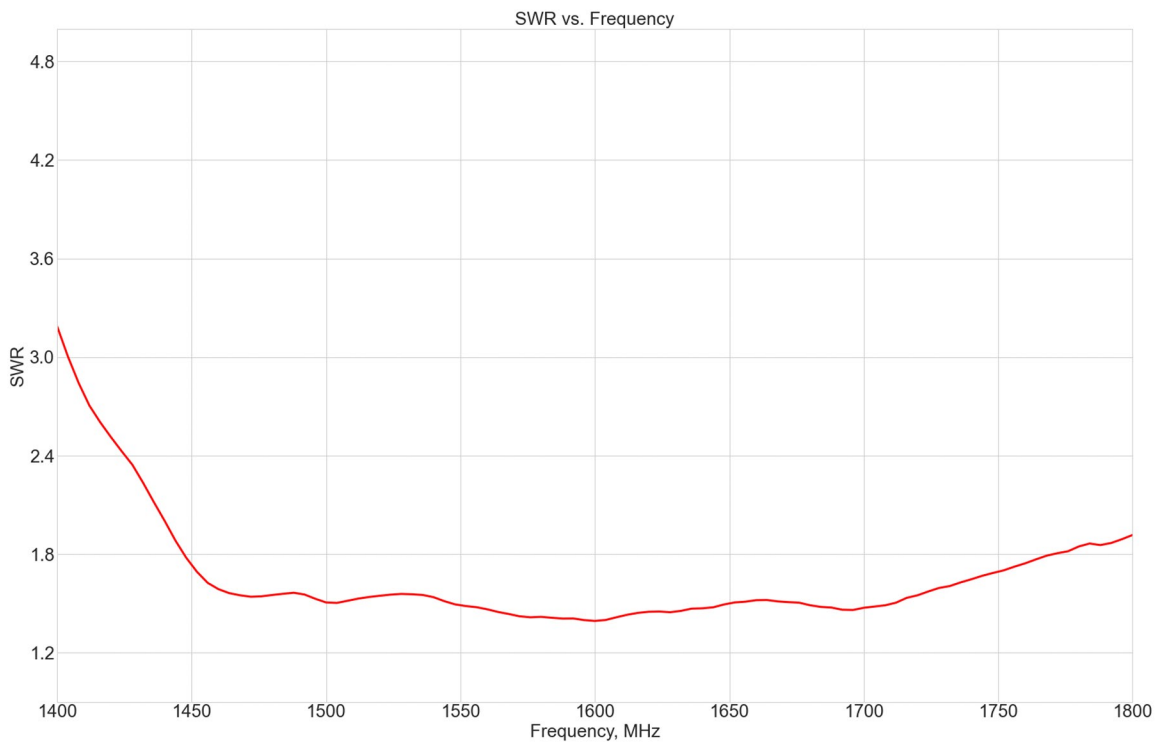
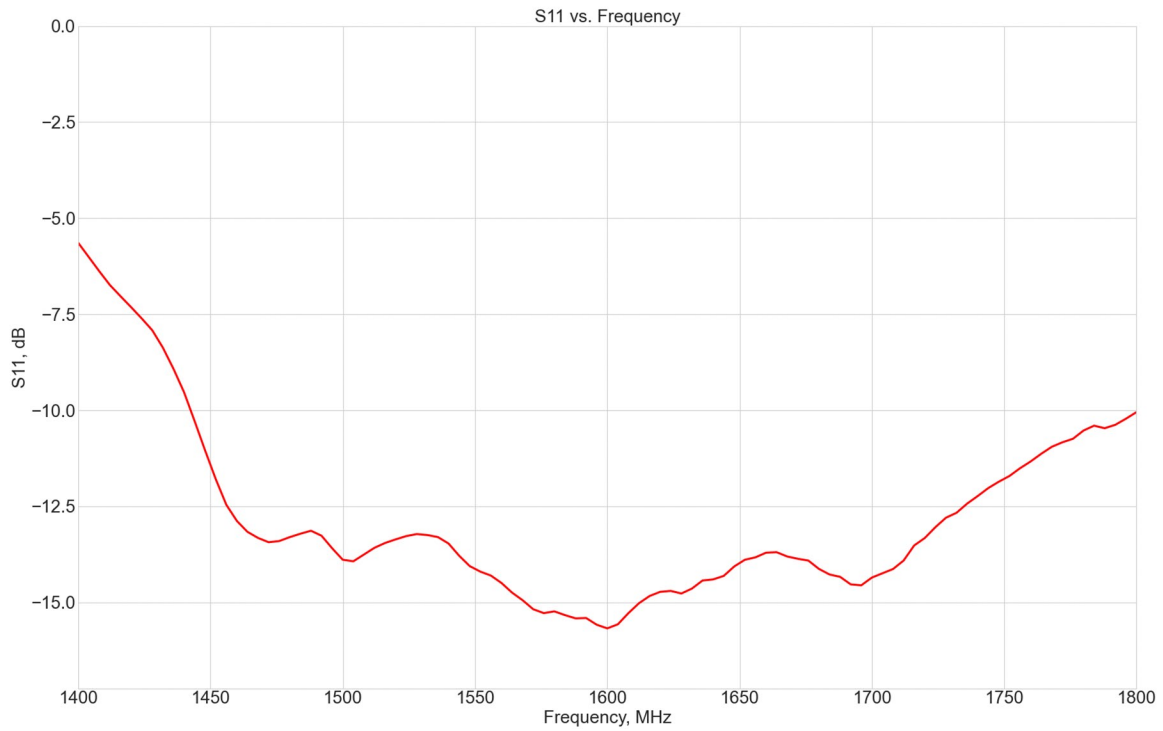
Applications

- Satellite Communication
- Marine Applications
- Critical Communications
- Weather Monitoring
- Military & security
- Asset tracking
- Iridium (SBD) Short Burst Data
- Oil & gas industries
- Navigation devices
- Mining equipment
- LBS & M2M applications

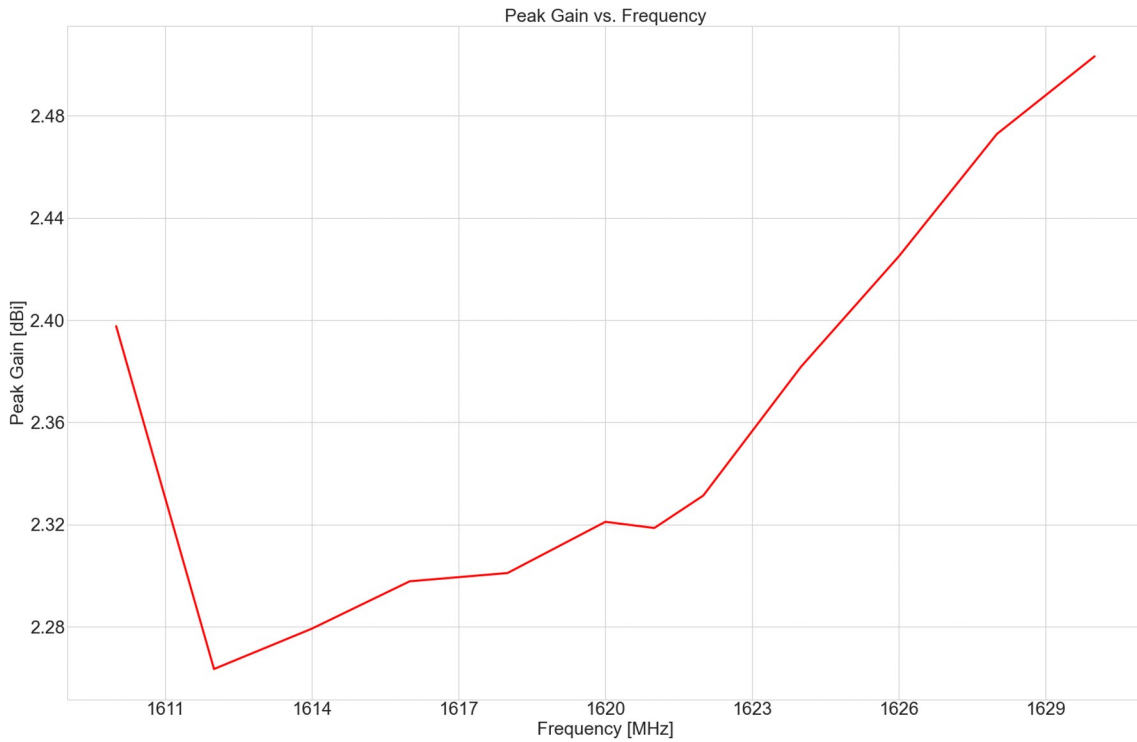
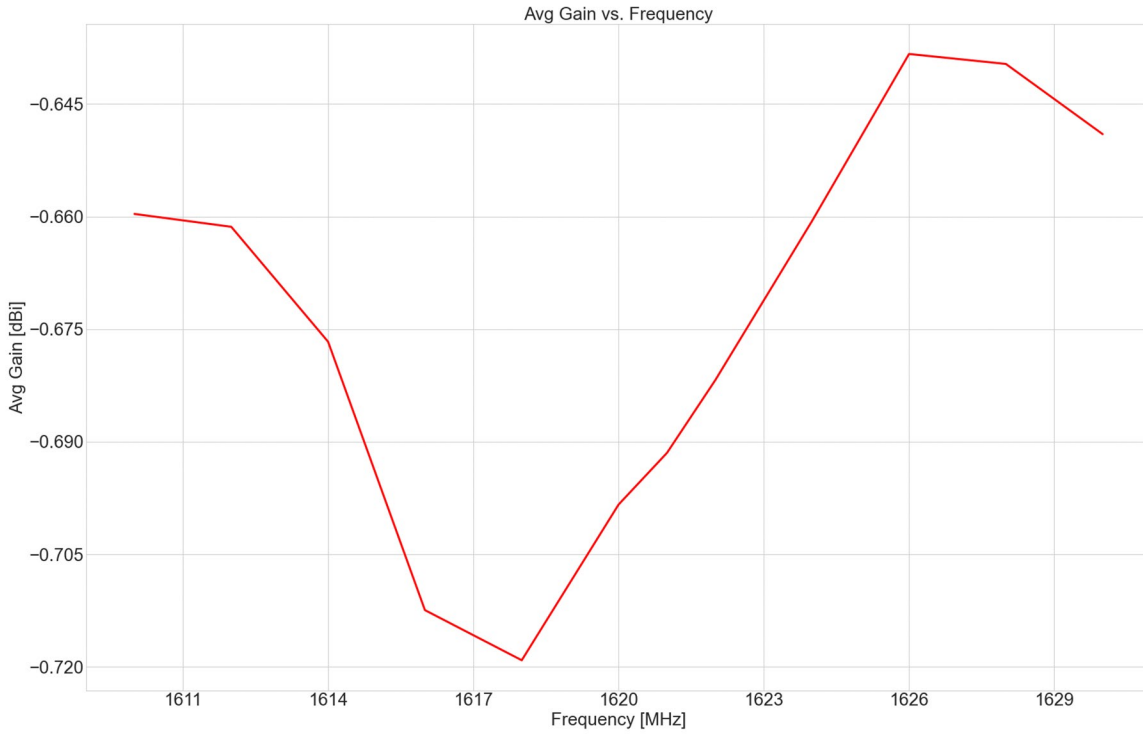


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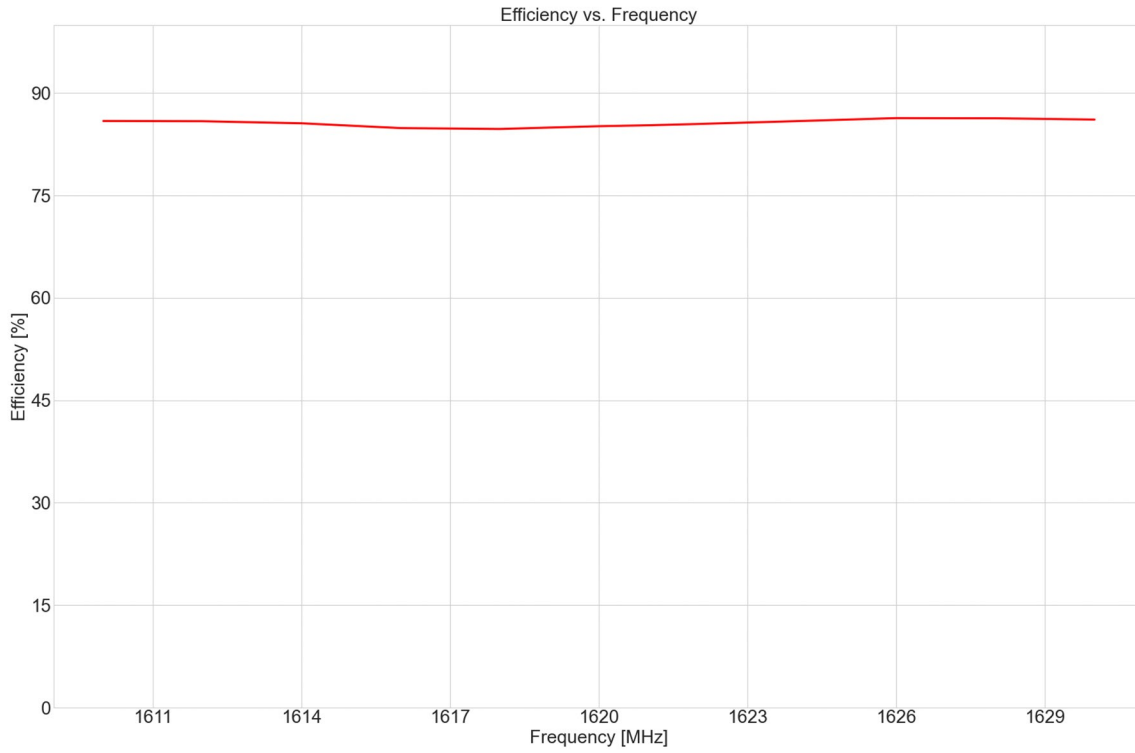
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