

Iridium Antenna

FEATURES



- Features a built-in iridium ceramic patch antenna, providing the most reliable global connectivity on the market including poles, oceans, and airways.
- This antenna is right-hand circularly polarized (RHCP), effectively rejecting multi-path interference and optimizing signal strength.
- Cost-effective and suitable for high-volume and mass production of satellite communication devices.
- Boasts a UV and impulse-resistant outer shell, ensuring durability for outdoor use.
- Customized product development is supported.

Suggested Applications

- Commercial/ Residential
- Emergency Communications
- Voice & Data Satellite Communications
- Transportation
- Satellite-based telecommunications



PRODUCTS

Part No.	Weight	Dimensions (L x W x H)	Cable	Connector	Color
M02-0300140R0A	0.3kg	Φ96.53*152.5mm	Ø 5.0*2000mm	SMA MALE	White
M02-0300230R0A			RG174, 1000mm	SMA MALE	

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	1616-1626
VSWR (Max)	2.0:1
Peak Gain, dBi (Typ)	Up to 4.58
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	RHCP
Radome	ABS, White
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-40° C to +85° C
Material Substance Compliance	REACH/RoHS Compliant
HSCODE	8529101000

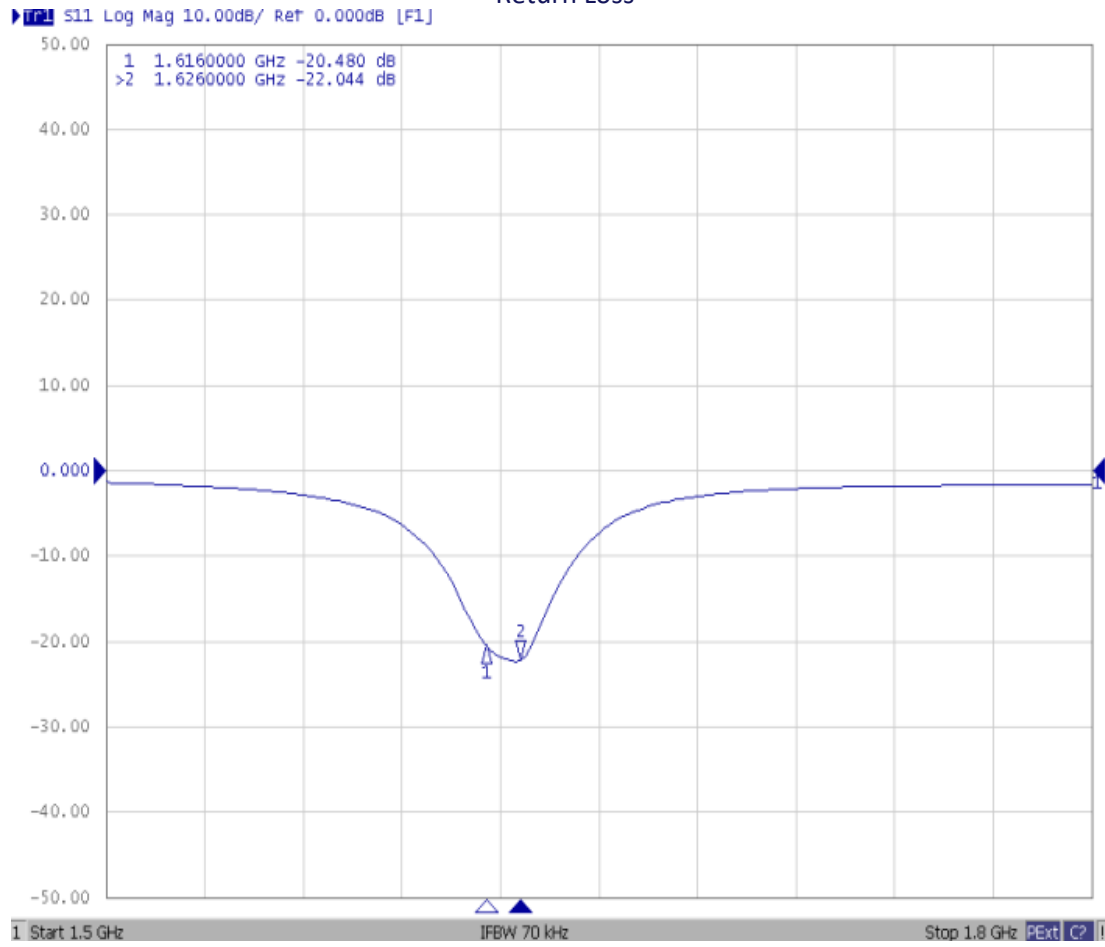
MyAntenna RF Technology Co., Ltd

ADD: No.RM 405, R3-A Building, Shenzhen High-Tech Park, Nanshan, Shenzhen, P.R. China.

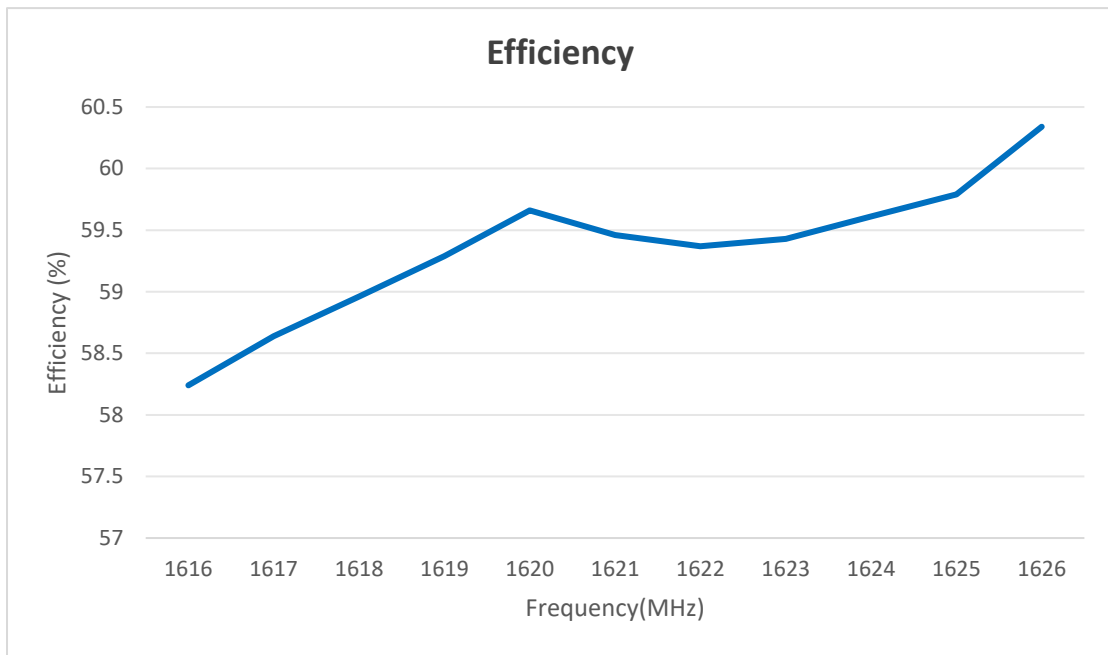
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL DATA

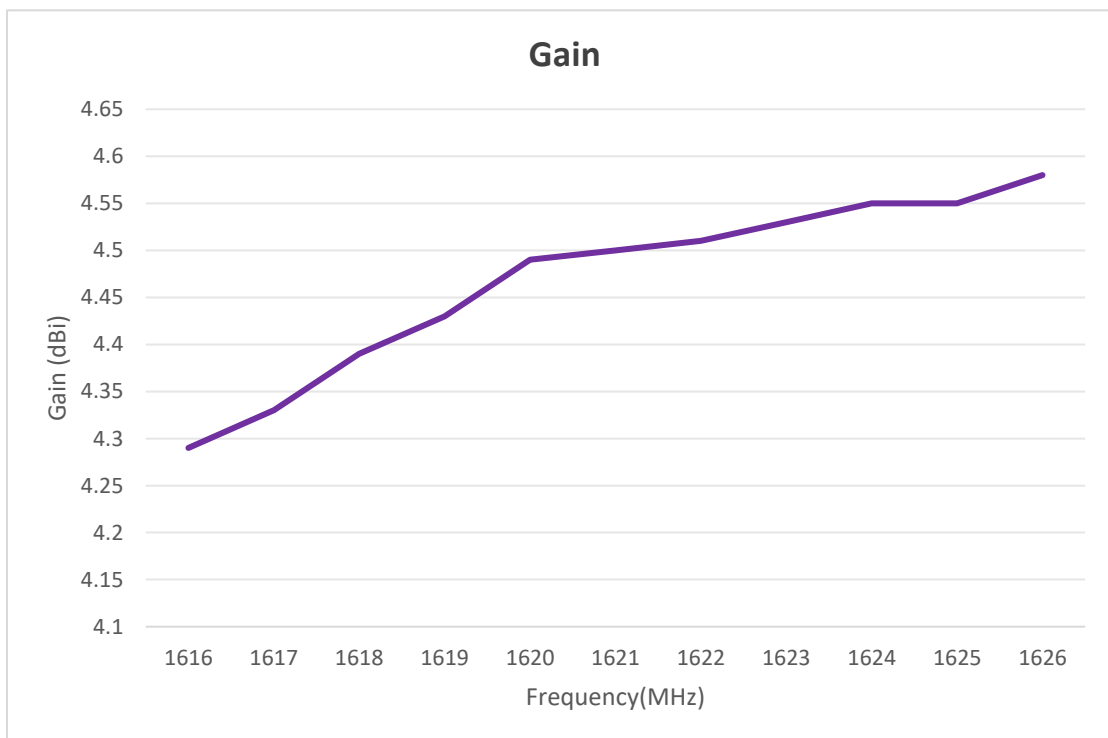
Return Loss



Efficiency (%)

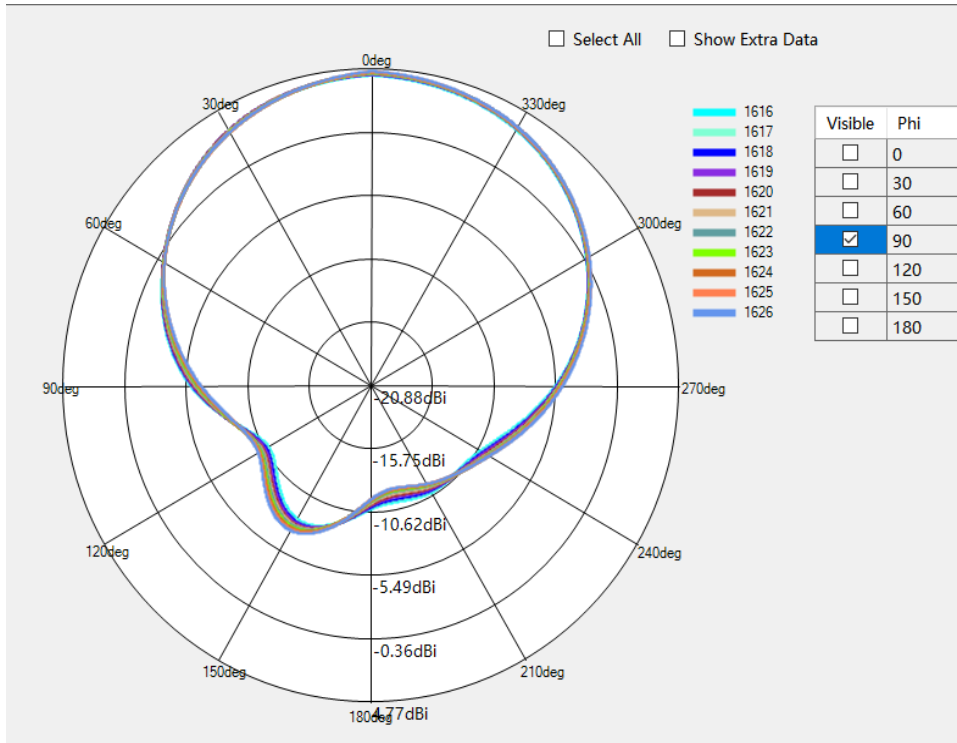


Gain (dBi)

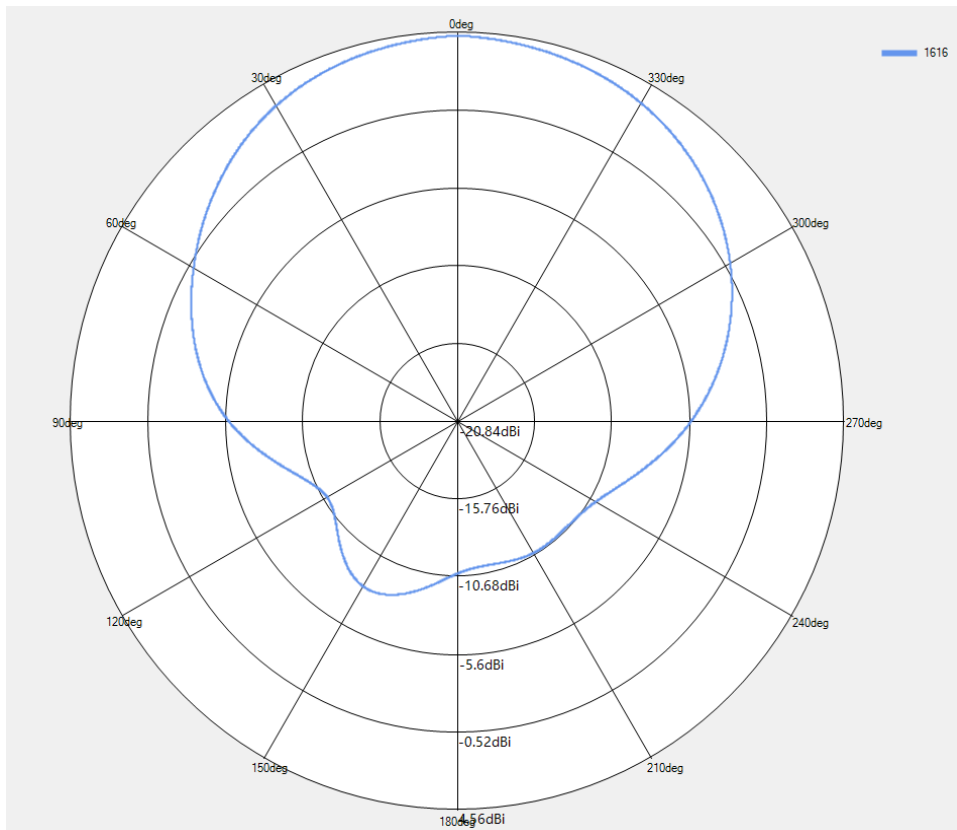


RADIATION PATTERNS

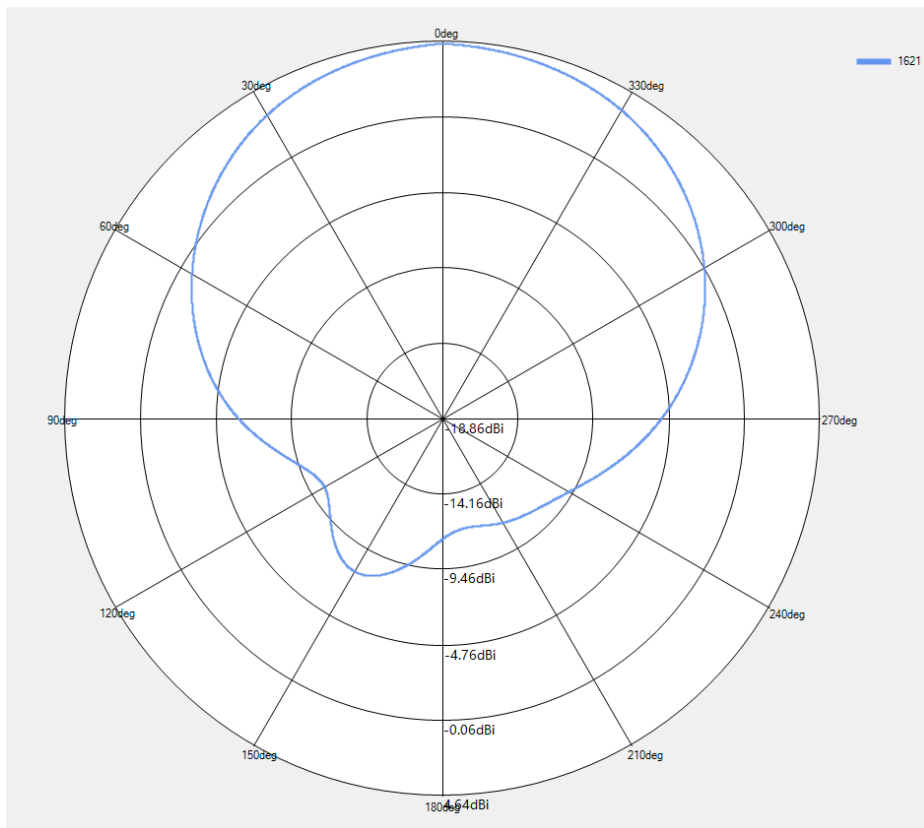
2D Radiation Pattern



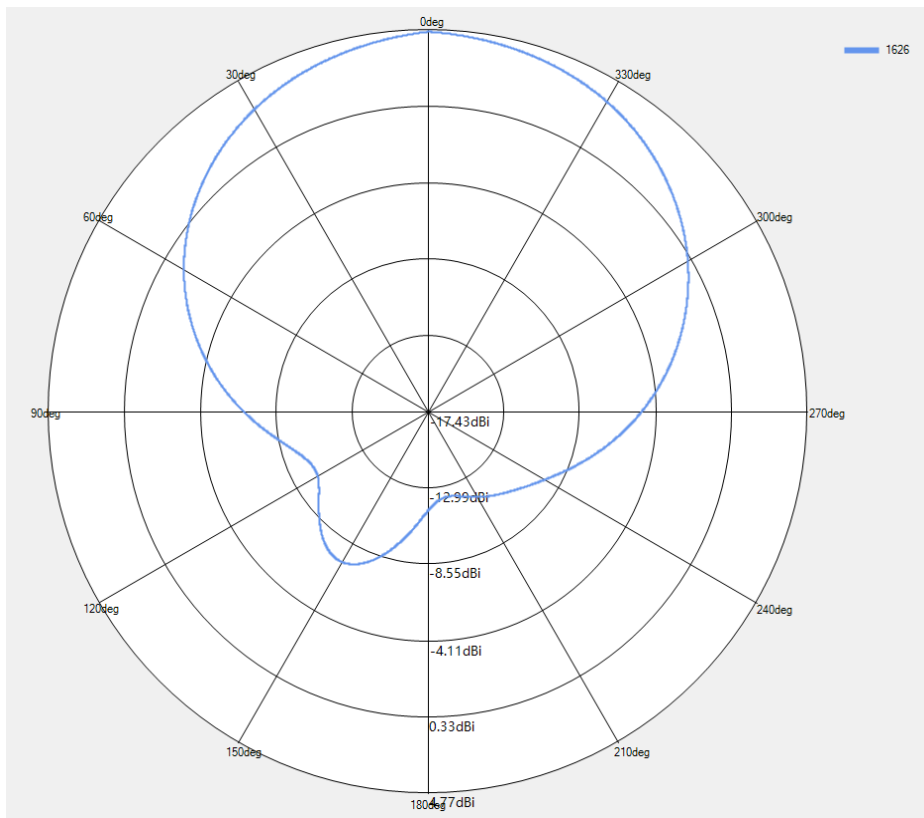
2D Radiation Pattern@1616MHz



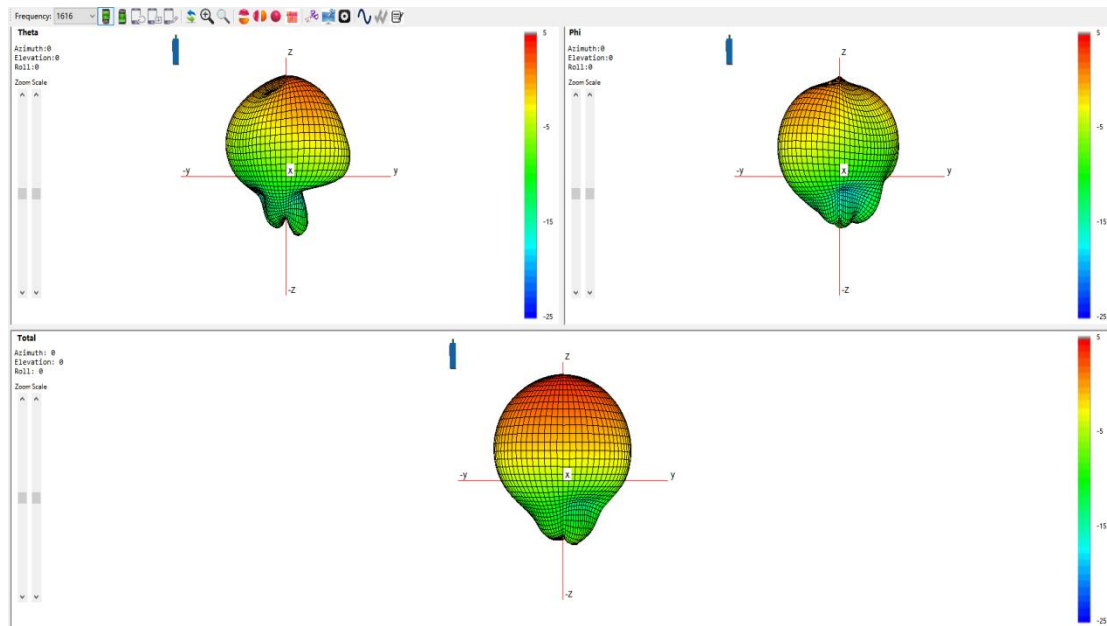
2D Radiation Pattern@1621MHz



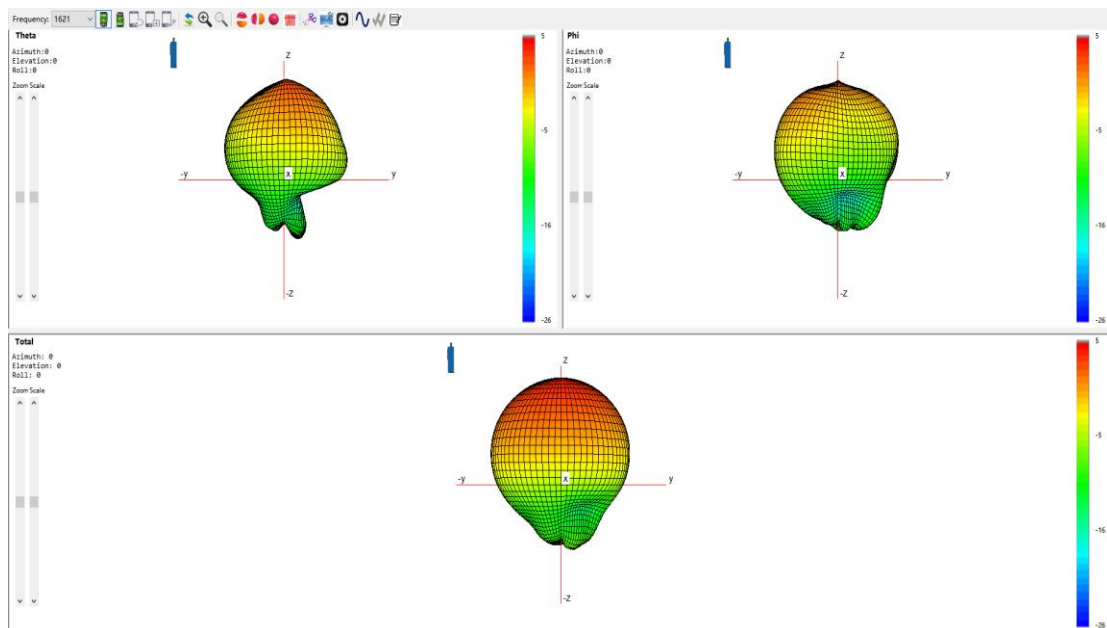
2D Radiation Pattern@1626MHz



3D Radiation Pattern@1616MHz



3D Radiation Pattern@1621MHz



3D Radiation Pattern@1626MHz

