

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

Model	Part No.	Weight	Dimensions (L x W x H)	Cable	Connector	Color
AEGC004	M02-0300140R0A	300g	Φ 96.53*152.5mm	RG58, Ø5.0*2000mm	SMA MALE	White
AEGC008	M02-0300290R0A				RP-SMA-MALE	

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	1616-1626
VSWR (Max)	2.0:1
Peak Gain, dBiC (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

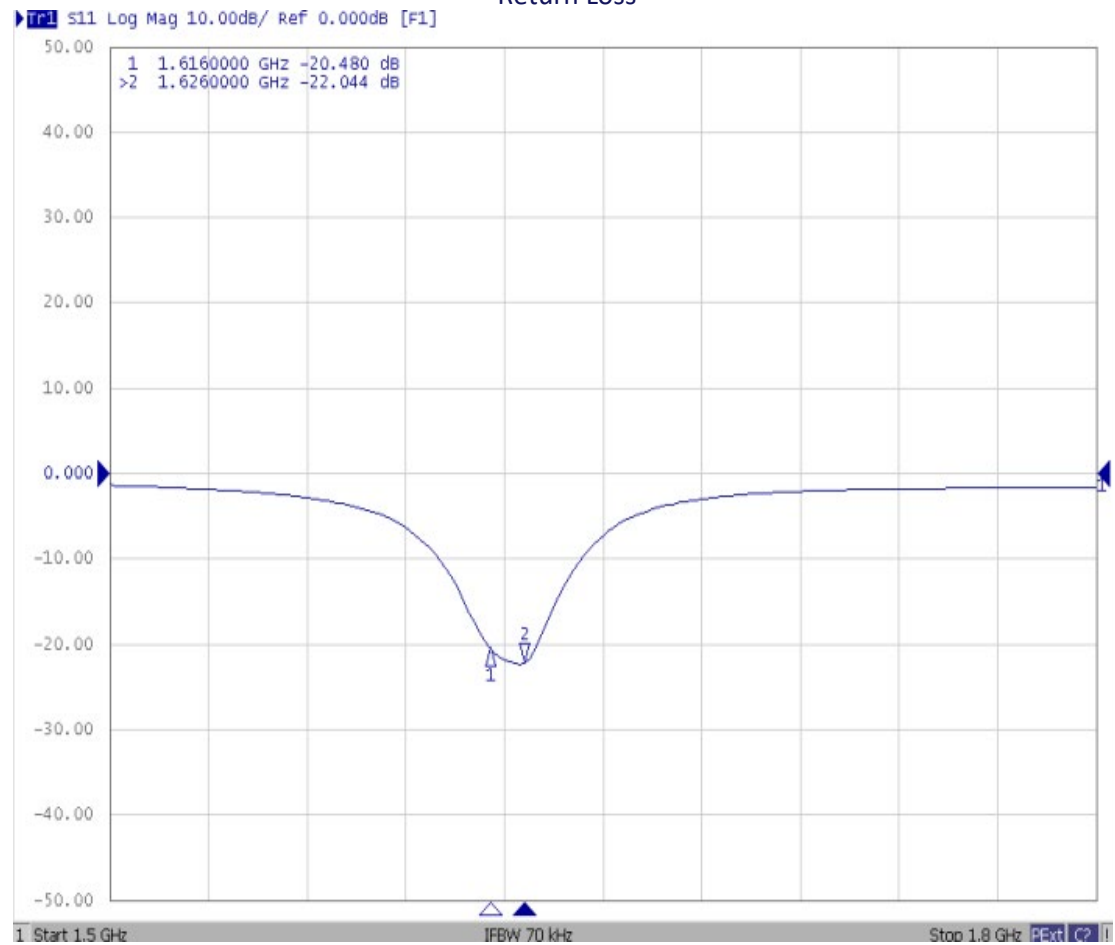
ELECTRICAL DATA

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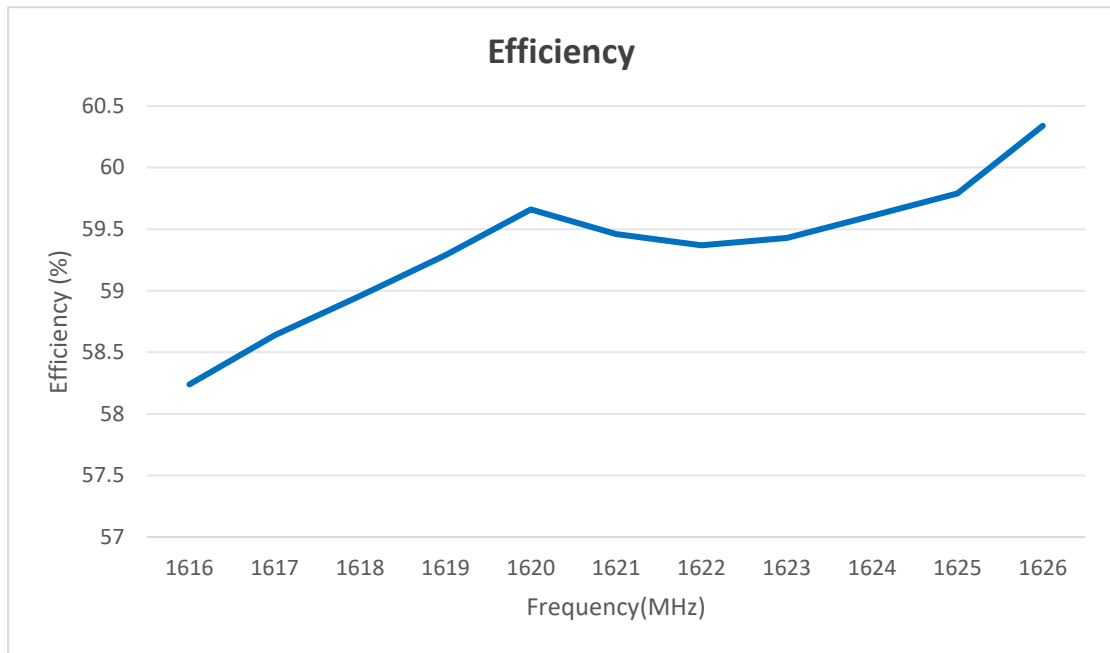
ADD: No.RM 405, R3-A Building, Shenzhen High-Tech Park, Nanshan, Shenzhen, P.R. China.

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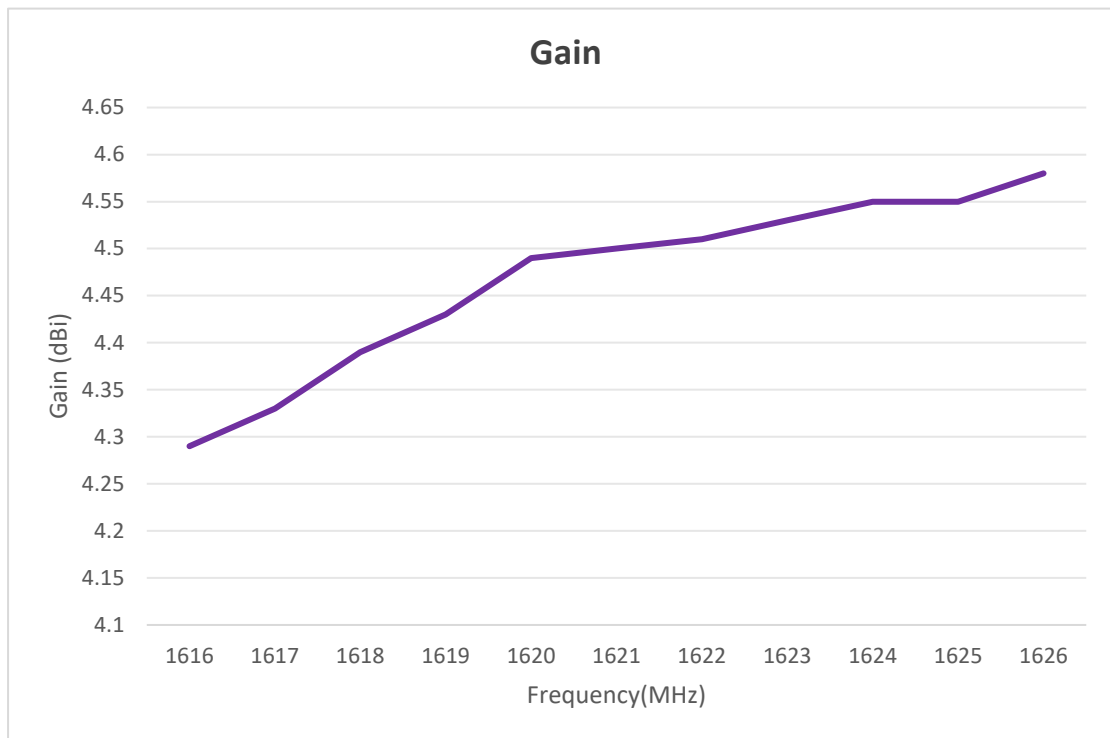
Return Loss



Efficiency (%)

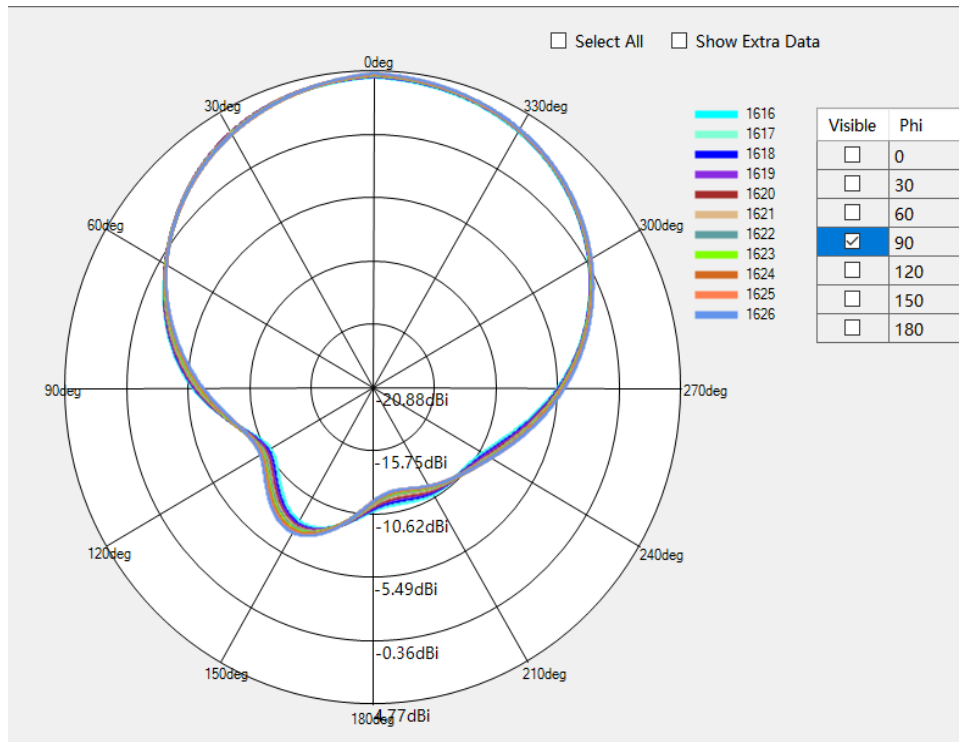


Gain (dBi)

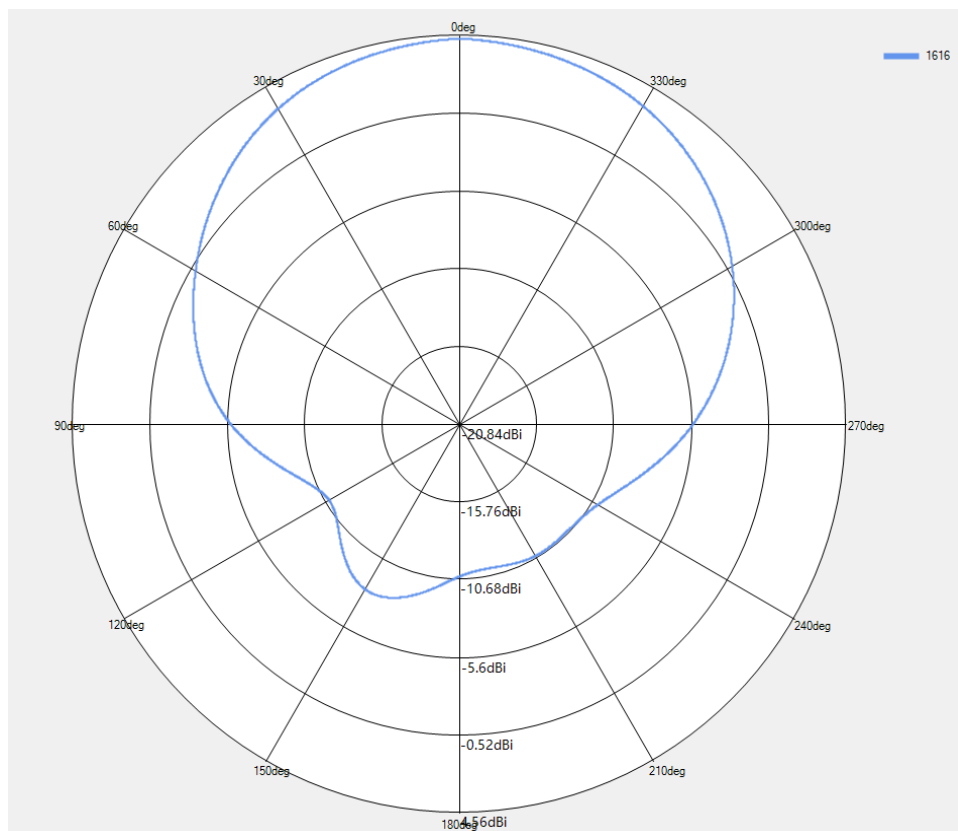


RADIATION PATTERNS

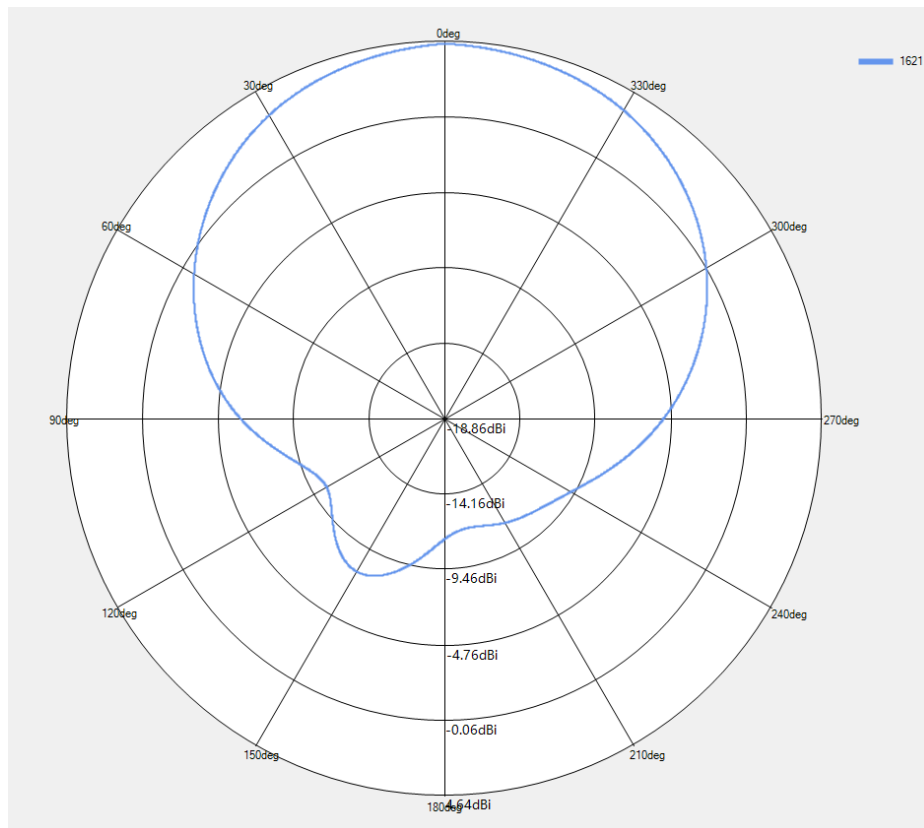
2D Radiation Pattern



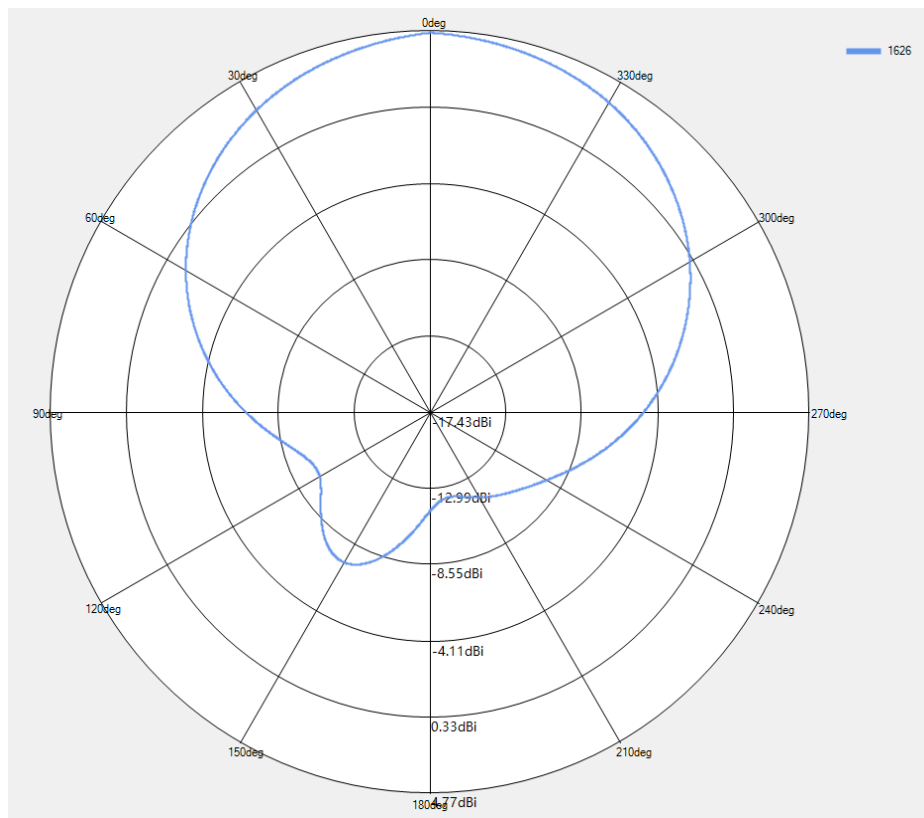
2D Radiation Pattern@1616MHz



2D Radiation Pattern@1621MHz



2D Radiation Pattern@1626MHz

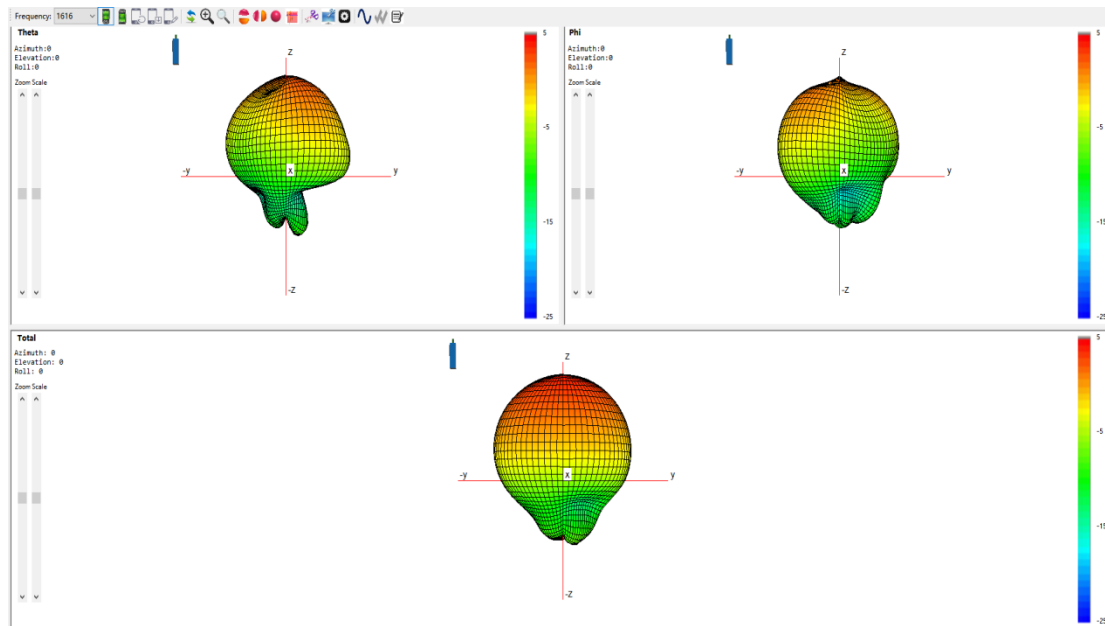


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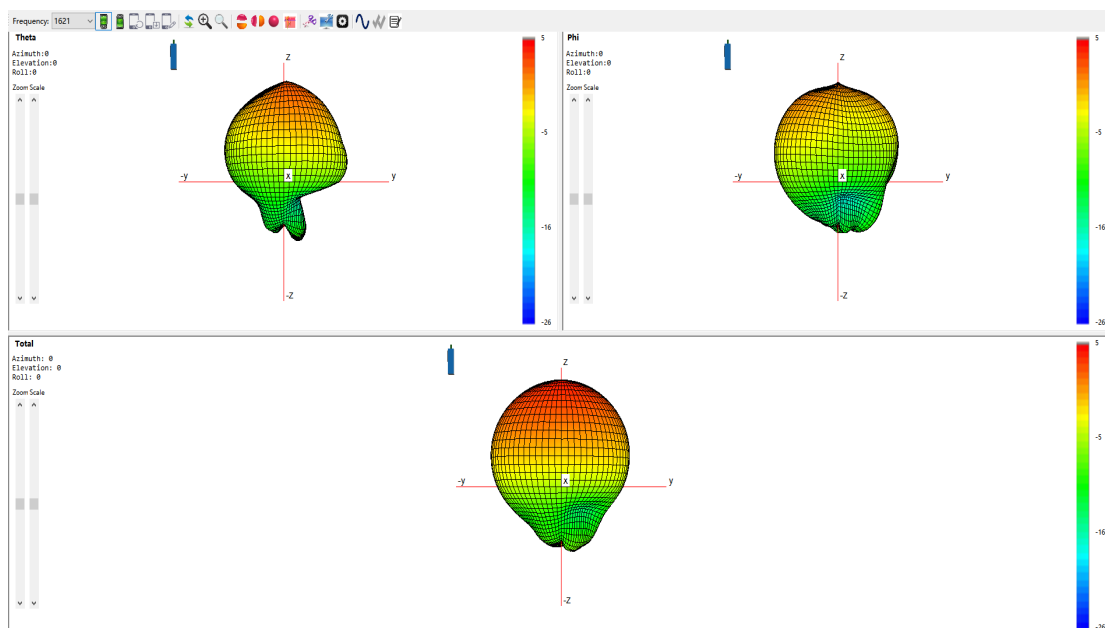
ADD: Room 410, Building A, Fenghuang Zhigu, No. 50 Tiezi Road, Gongle Community, Xixiang Street, Baoan District, Shenzhen

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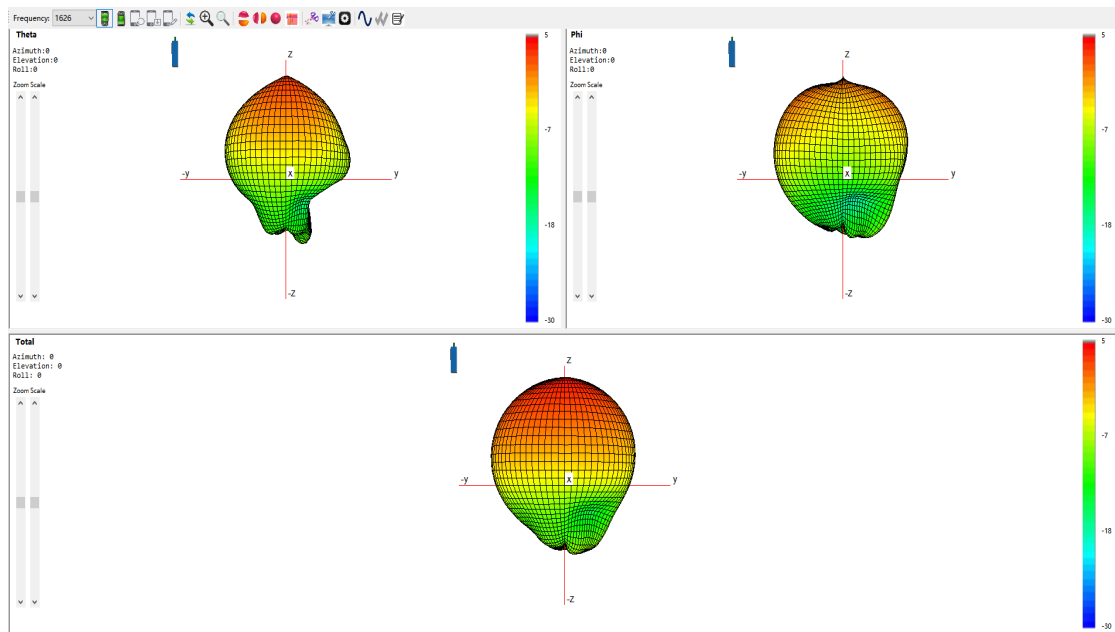
3D Radiation Pattern@1616MHz



3D Radiation Pattern@1621MHz



3D Radiation Pattern@1626MHz



Aboosty™ is owned by Shenzhen MyAntenna RF Technology Co., Ltd. (often abbreviated as MyAntenna).