

External Single-port Active GNSS Antenna

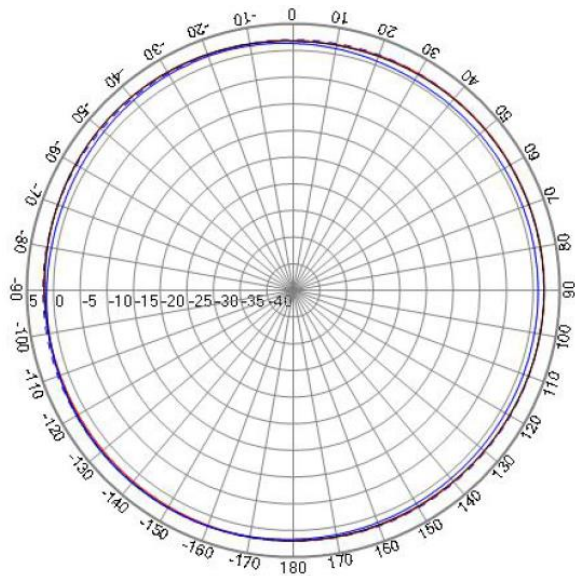
- Technology: GPS L1/BD B1
- High gain GNSS antenna (LNA Integrated)
- Adhesive mounting
- Applications in utilities, tracking, transportation, wireless communications etc.



Item	Performance Specifications
GNSS Antenna Center Frequency	1561.098~1602MHz
GNSS Antenna Polarization	RHCP
GNSS Antenna Gain	3dBic (Zenith)
GNSS Antenna V.S.W. R	<1.5
GNSS Antenna Impedance	50 Ω
LNA Gain	28±2dB
LNA Noise Figure	<1.5dB
LNA V.S.W. R	<3.0
LNA Supply Voltage	3~5V DC
Current Consumption	<15mA
Cable	RG174, fully customized
Connector	SMA, fully customized
Radome Material	ABS
Mounting Method	Adhesive, fully customized
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 95%
Ingress Protection	IP66
Vibration	10 to 55Hz with 1.5mm amplitude 2hours
Environmentally Friendly	ROHS Compliant

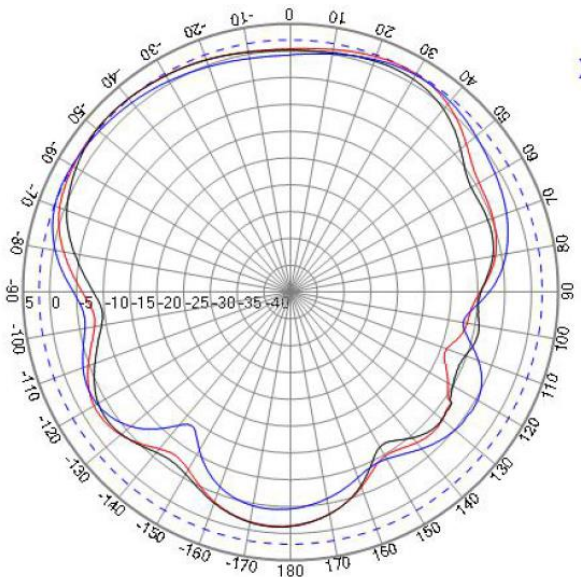
Radiation Pattern

GNSS Antenna



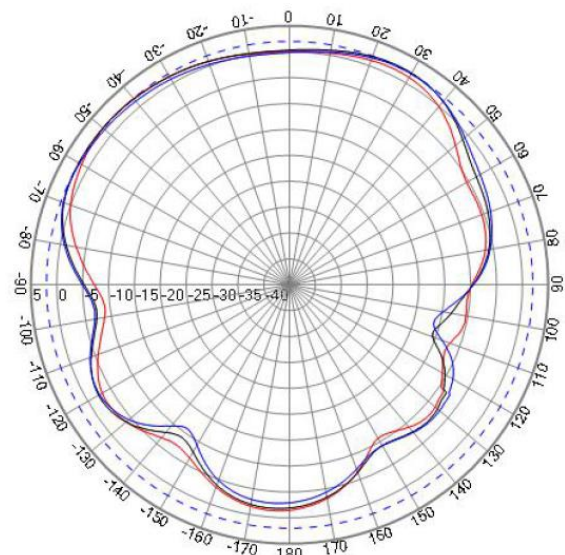
XY PLANE

测试频率: 1561
 测试频率: 1575
 测试频率: 1602



XZ PLANE

测试频率: 1561
 测试频率: 1575
 测试频率: 1602



YZ PLANE

测试频率: 1561
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Antenna Mechanical Drawing

