

External Single-port Active GNSS Antenna

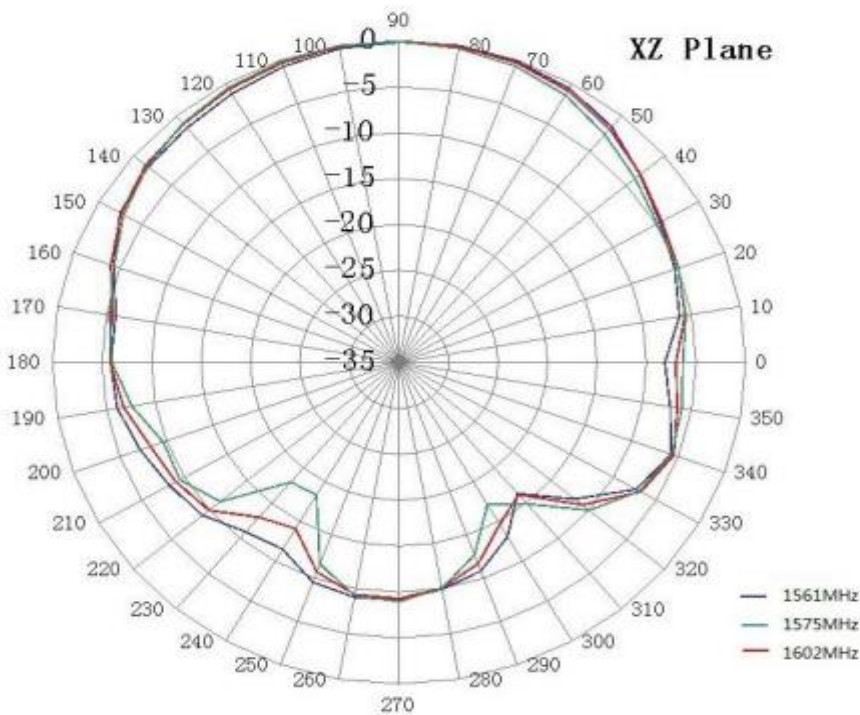
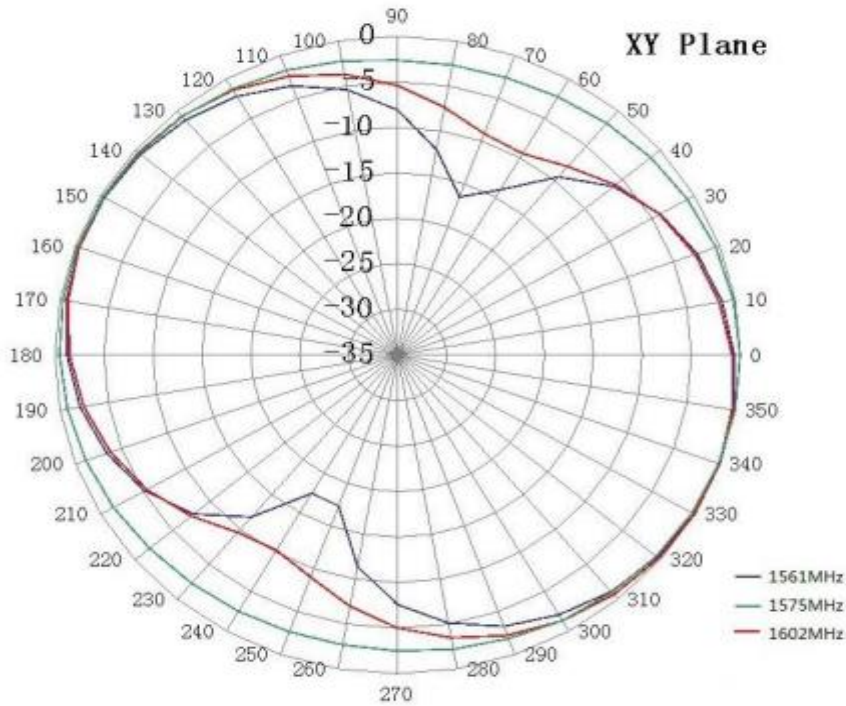
- Single-band, single feed
- Technology: GPS L1 /BD B1
- High gain GNSS antenna (LNA Integrated)
- Screw and adhesive mounting options
- Applications in utilities, tracking, transportation, wireless communications etc.

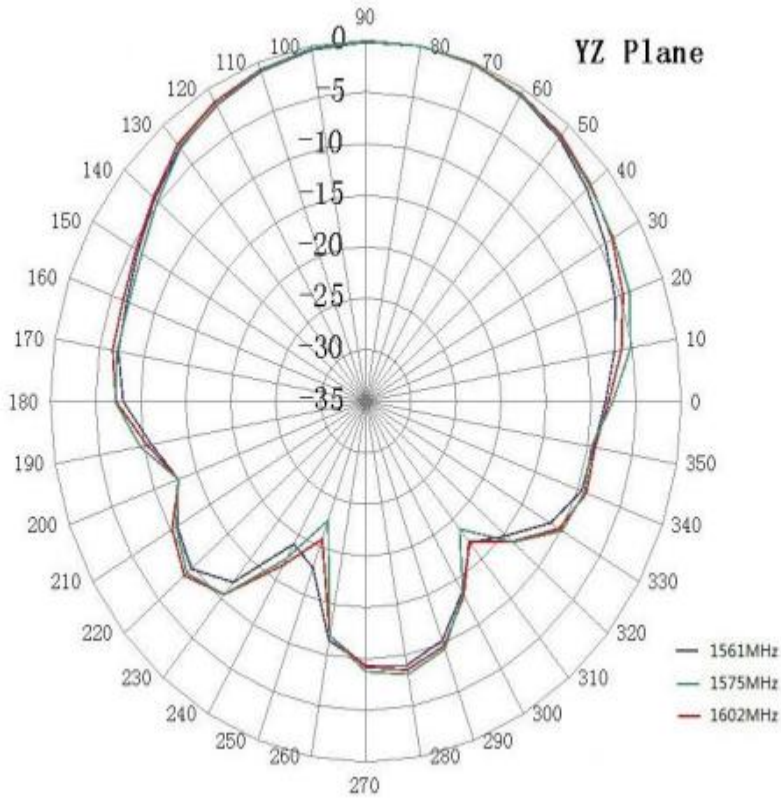


Item	Performance Specifications
GNSS Antenna Center Frequency	1561-1602MHz
GNSS Antenna Center Polarization	RHCP
GNSS Antenna Gain	5dBic (Zenith)
GNSS Antenna V.S.W.R	< 1.5
GNSS Antenna Impedance	50Ω
LNA Gain	40±2dB
LNA Noise Figure	≤1.5dB
LNA Supply Voltage	3~5V DC
LNA Current Consumption	≤15mA
LNA V.S.W.R	≤2.0
Cable	RG174 , fully customized
Connector	SMA, fully customized
Radome Material	ASA
Mounting Method	Screw
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 95%
Ingress Protection	IP67 (exclude cable outlet)
Vibration	10 to 55Hz with 1.5mm amplitude 2hou
Environmentally Friendly	ROHS Compliant

Radiation Pattern

GNSS Antenna





Antenna Mechanical Drawing

