

External Single-port Active GNSS Antenna

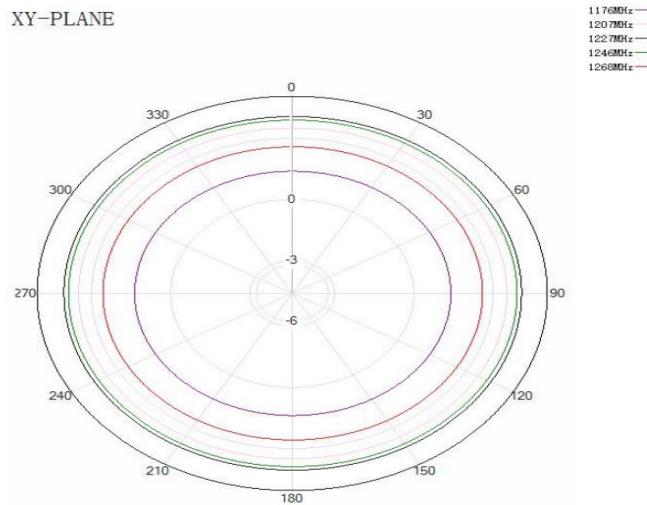
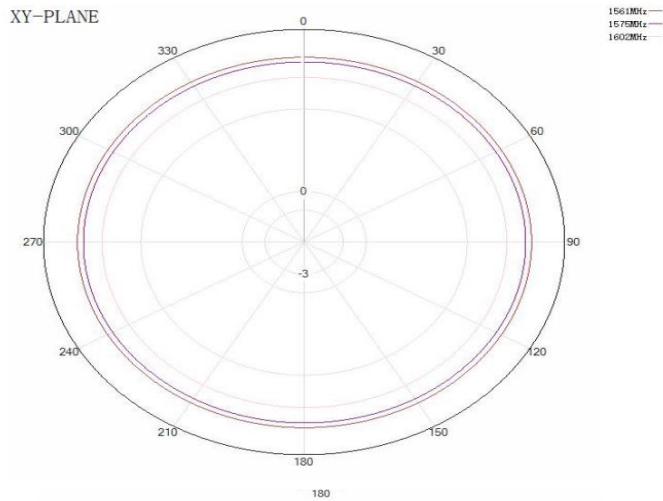
- Tri-band, single feed
- Technology: GPS L1 L2 L5/BD B1 B2 B3
- High gain GNSS antenna (LNA Integrated)
- Magnet/Adhesive mounting options
- Applications in utilities, tracking, transportation, wireless communications etc.

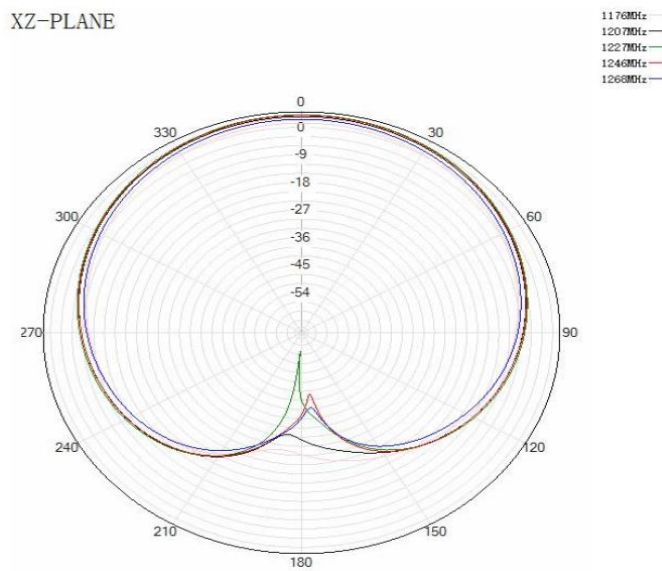
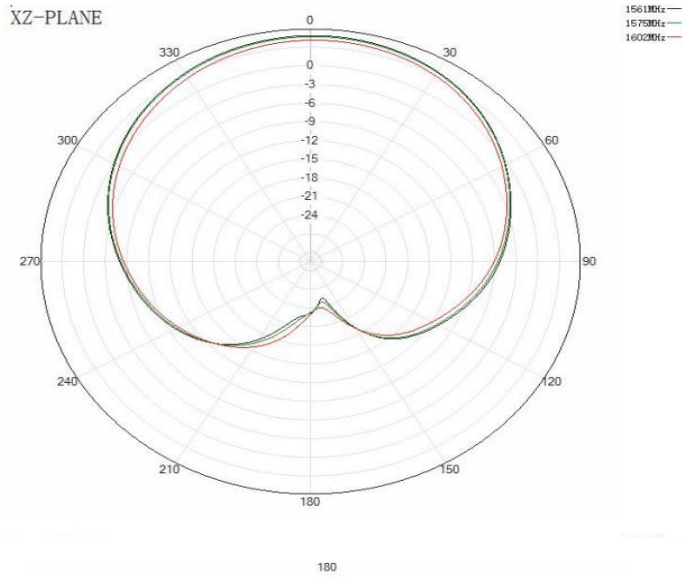


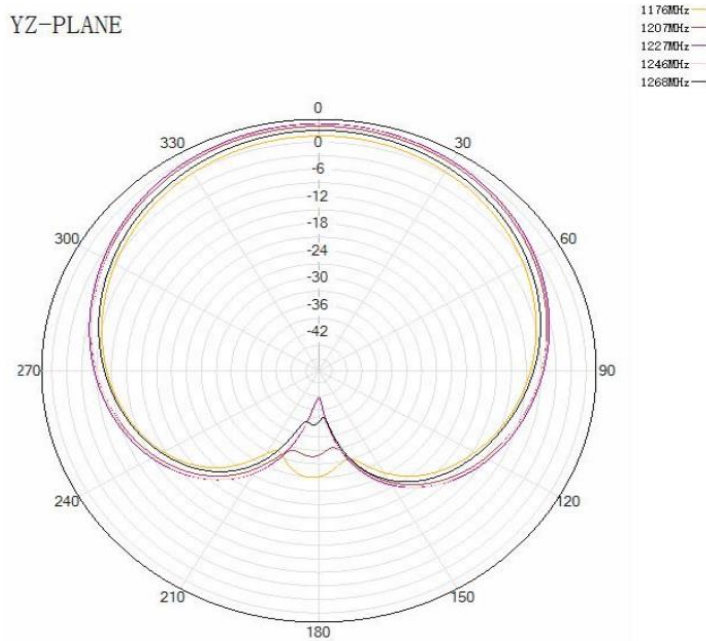
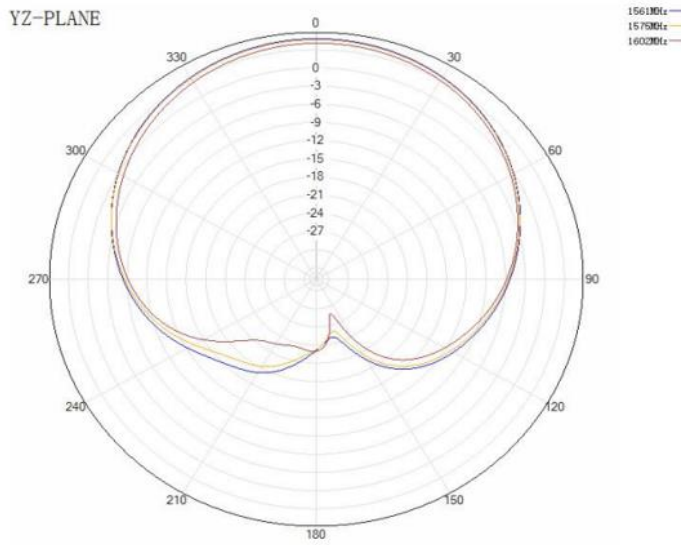
Item	Performance Specifications
GNSS Antenna Center Frequency	1175/1227/1575MHz
GNSS Antenna Center Polarization	RHCP
GNSS Antenna Axial Ratio(min)	≤3dB
GNSS Antenna V.S.W.R	≤2.0
GNSS Antenna Peak Gain	≥3dBic
GNSS Antenna Impedance	50Ω
GNSS Antenna Horizontal coverage angle	360°
LNA Gain	28±2dB
LNA Noise Figure	≤1.5dB
LNA Supply Voltage	3~12V DC
LNA Current Consumption	≤50mA
LNA V.S.W.R	≤2.0
Connector	SMA, fully customized
Cable	RG174 , fully customized
Mounting Method	Magnet/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

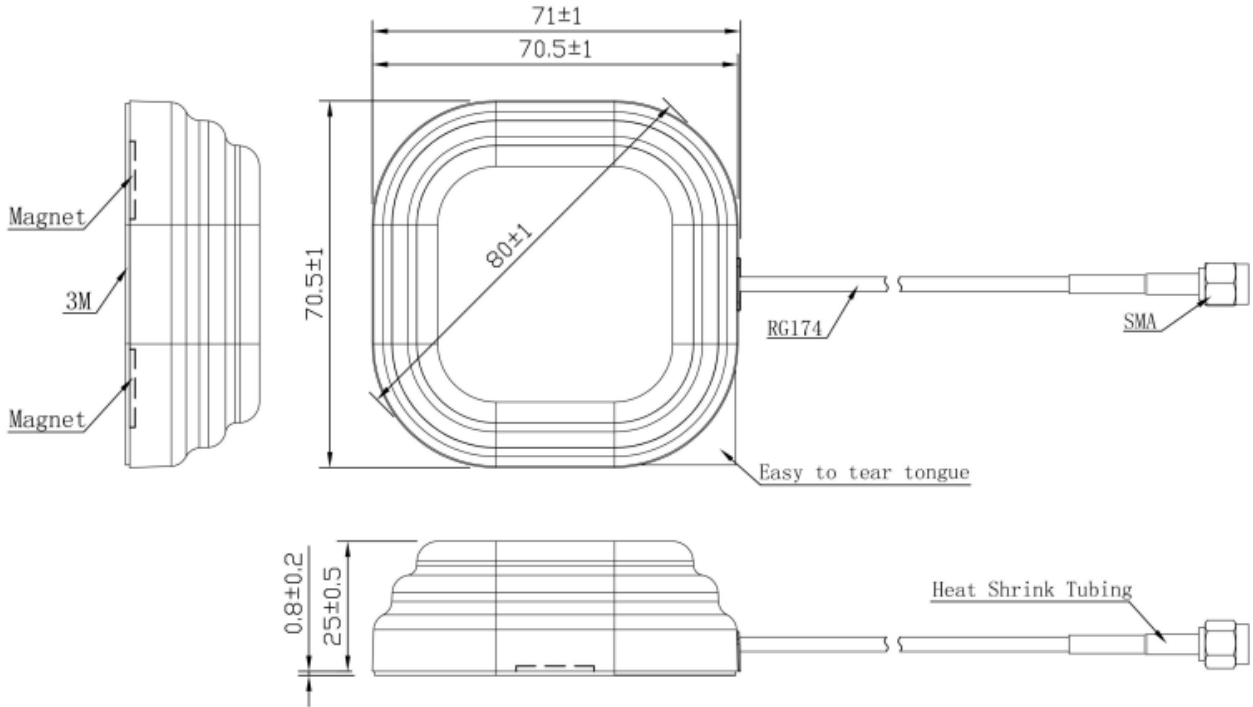
GNSS Antenna







Antenna Mechanical Drawing



Unit: mm