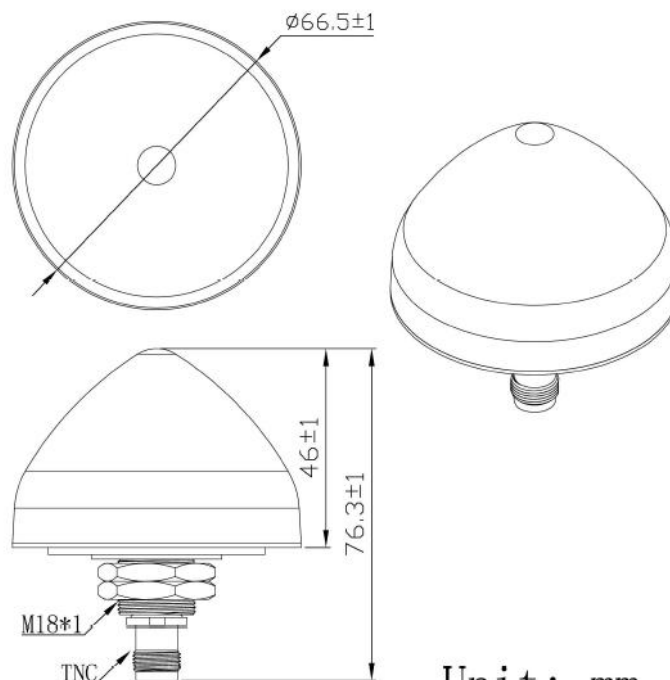


GNSS Surveying Antenna Small Size (GPS/GLONASS/Gaileo/Beidou/QZSS)

AN_GPS_P225B



Mechanical dimension



Unit: mm

GNSS Surveying Antenna Small Size (GPS/GLONASS/Gaileo/Beidou/QZSS)

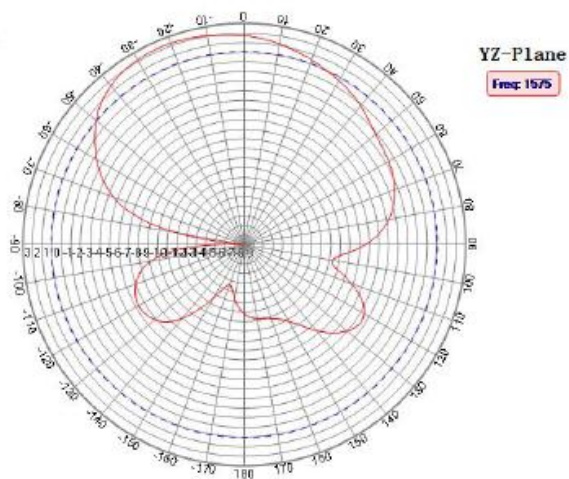
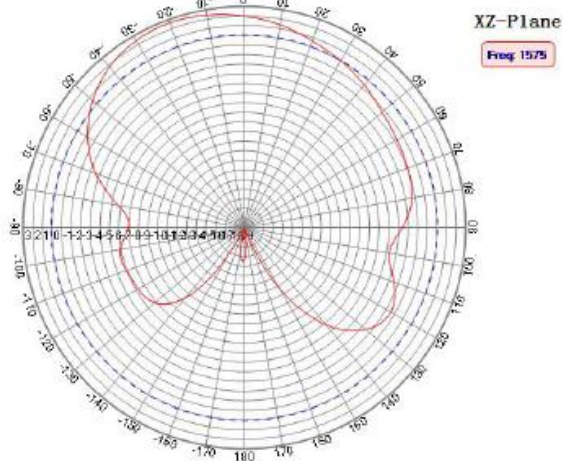
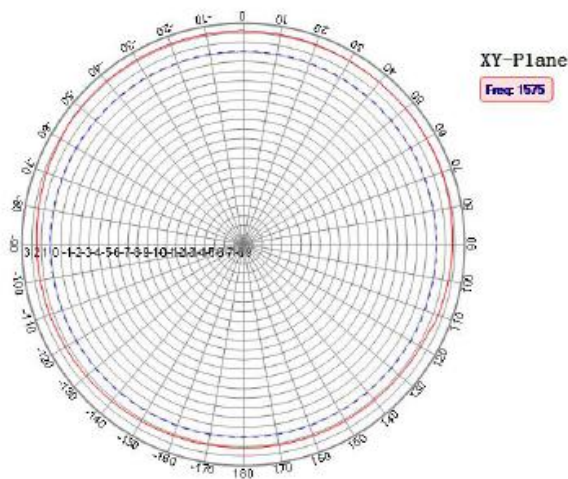
Specifications

Item		Specifications
Antenna	Frequency	Low Precision Bands: Beidou B1/GPS L1/GLONASS G1/GAILEO E1:1561.098~1602MHz High Precision Bands: GPS L2&L5 /Galileo E5a&E5b/Beidou B2/GLONASS G3/QZSS L2&L5 :1176~1227.6MHz
	Polarization	RHCP
	Gain	3dBic@PCB(Zenith)
	V.S.W.R	≤1.5
	Impedance	50Ω
LNA	Gain	38±2dB
	Noise Figure	≤1.5dB
	Passband fluctuation	±1.5dB
	Supply Voltage	3.3~12V DC
	Current Comsumption	<50mA
	V.S.W.R	<2.0
Mechanical	Connector	TNC-K
	Radome Material	ABS
	Dimension	Φ66.5 mm
	Weight	≈150g
Environmental	Operating Temperature	-40℃~+85℃
	Storage temperature	-40℃~+85℃
	Relative Humidity	Up to 95% (Non condensing)
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Ingress Protection	IP67
	Environmentally Friendly	ROHS Compliant

GNSS Surveying Antenna Small Size (GPS/GLONASS/Gaileo/Beidou/QZSS)

AN_GPS_P225B

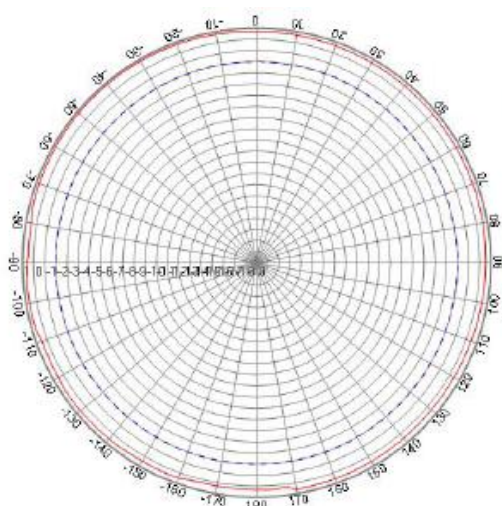
Radiation Patterns



GNSS Surveying Antenna Small Size (GPS/GLONASS/Gaileo/Beidou/QZSS)

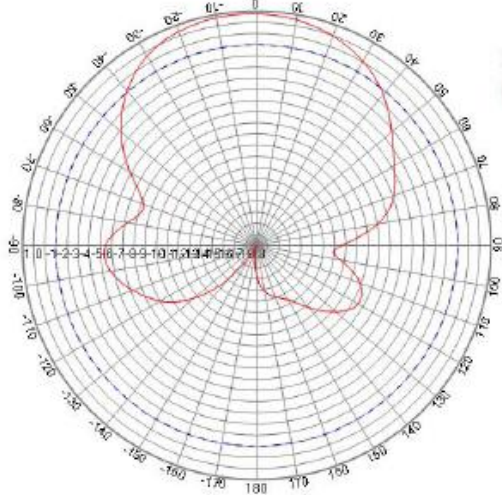
AN_GPS_P225B

Radiation Patterns



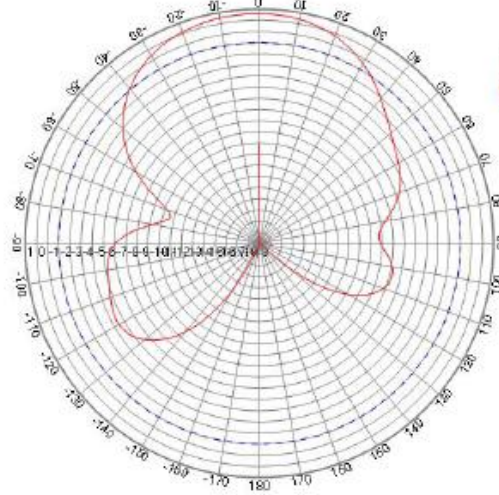
XY-Plane

Freq: 1176



XZ-Plane

Freq: 1176



YZ-Plane

Freq: 1176