

External 2 in 1 Antenna

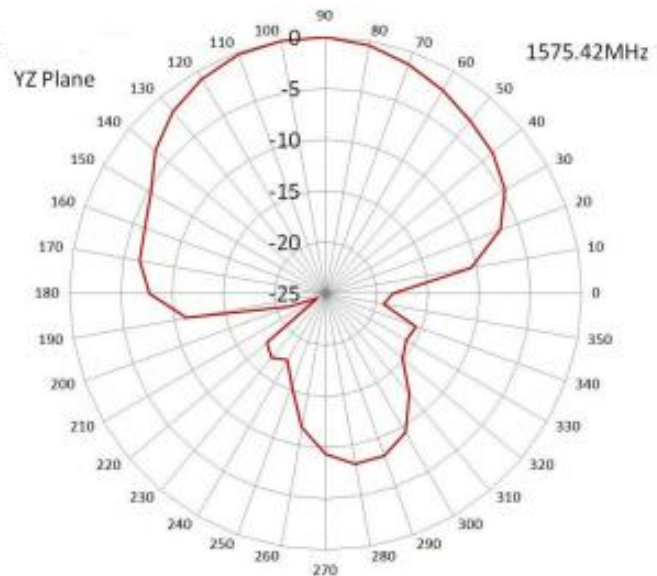
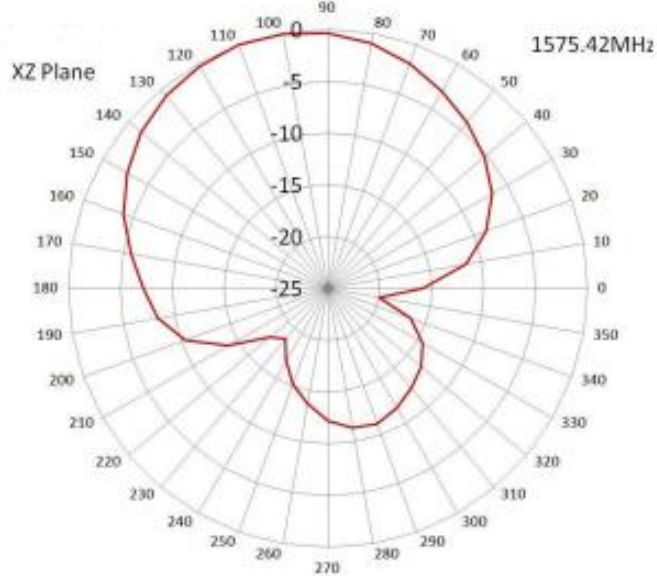
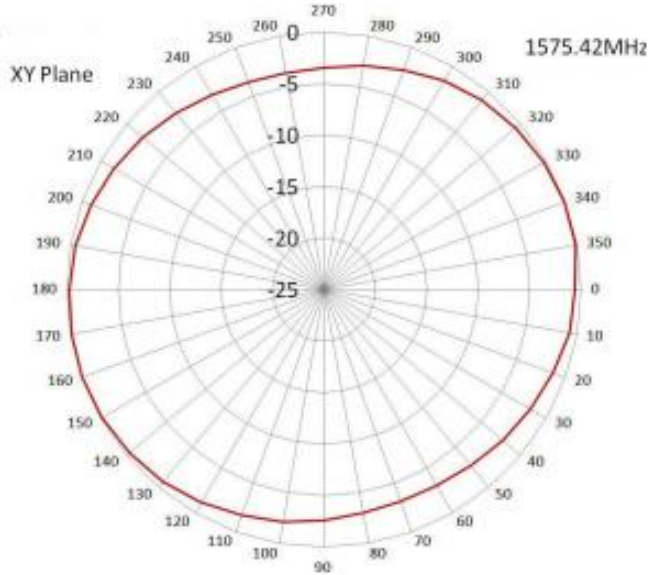
- 2 ports in the same housing
- Technology: GSM/LTE, GPS L1/BD B1
- High gain GNSS antenna (LNA Integrated)
- Screw and Adhesive mounting options
- Applications in smart city, small cell, repeater, CPE, Wireless networking etc.



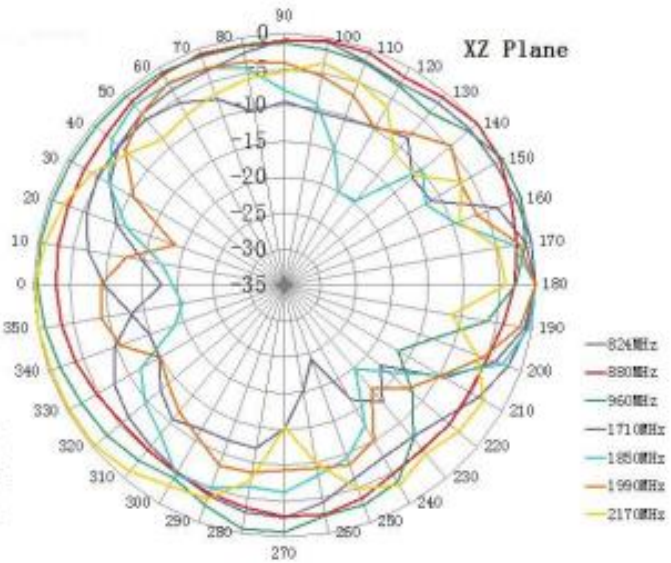
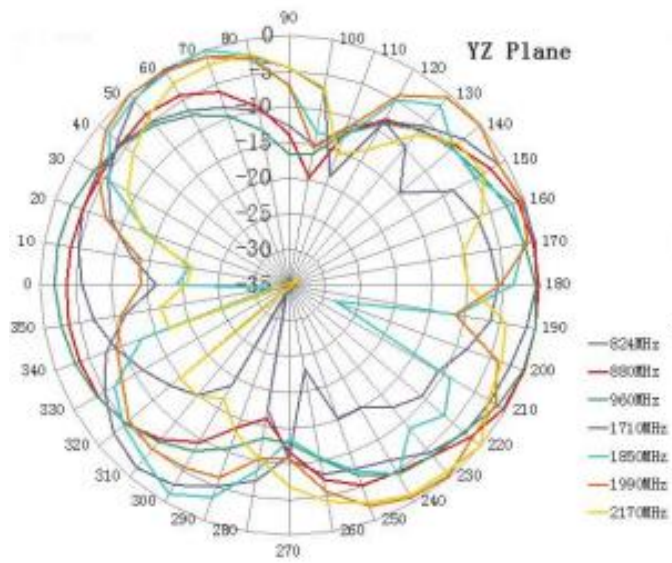
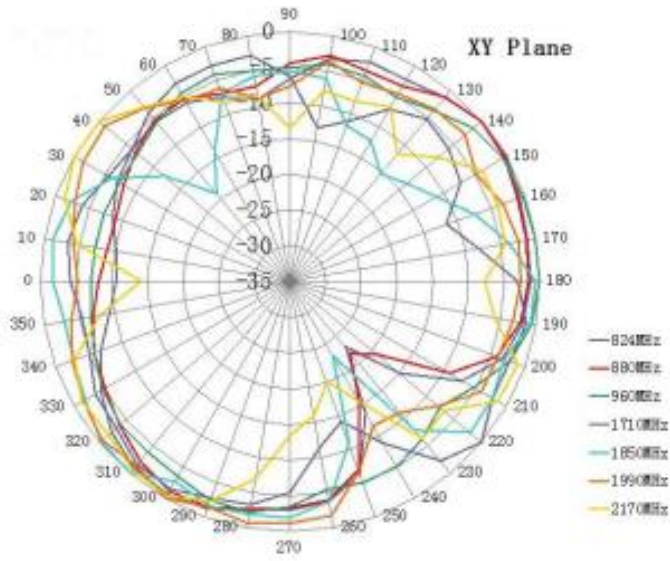
Item	Performance Specifications
GNSS Antenna Center Frequency	1575.42±3MHz
GNSS Antenna Band Width	CF±5MHz
GNSS Antenna Polarization	RHCP
GNSS Antenna Gain	2dBic (Zenith)
GNSS Antenna V.S.W.R	<1.5
GNSS Antenna Impedance	50 Ω
GNSS Antenna Axial Ratio	3dB (max)
LNA Gain	28±2dB
LNA Noise Figure	<1.5dB
LNA V.S.W.R	<2
LNA Supply Voltage	3~5V DC
LNA Current Consumption	8~18mA
GSM/LTE Antenna Frequency Range	824~960MHz/1710~2170MHz
GSM/LTE Antenna V.S.W.R	<2.0
GSM/LTE Antenna Polarization	Linear
GSM/LTE Antenna Peak Gain	2dBi
GSM/LTE Antenna Impedance	50 Ω
Isolation	<-15dB
Cable	RF1.37, fully customized
Connector	IPEX, fully customized
Mounting Method	Adhesive, Screw, fully customized
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 95%
Vibration	10 to 55Hz with 1.5mm amplitude 2 hours
Environmentally Friendly	ROHS compliant

Radiation Pattern

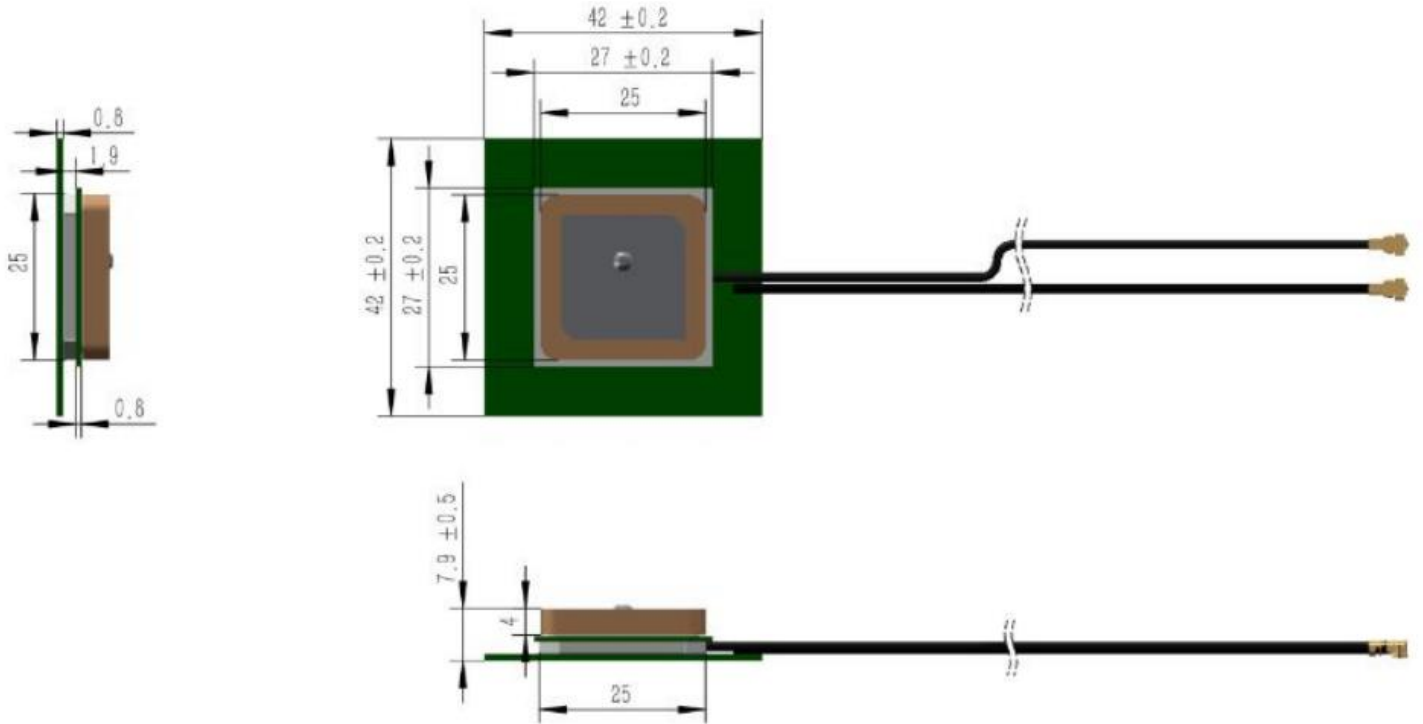
GNSS Antenna



GSM/LTE Antenna



Antenna Mechanical Drawing



UNIT : mm