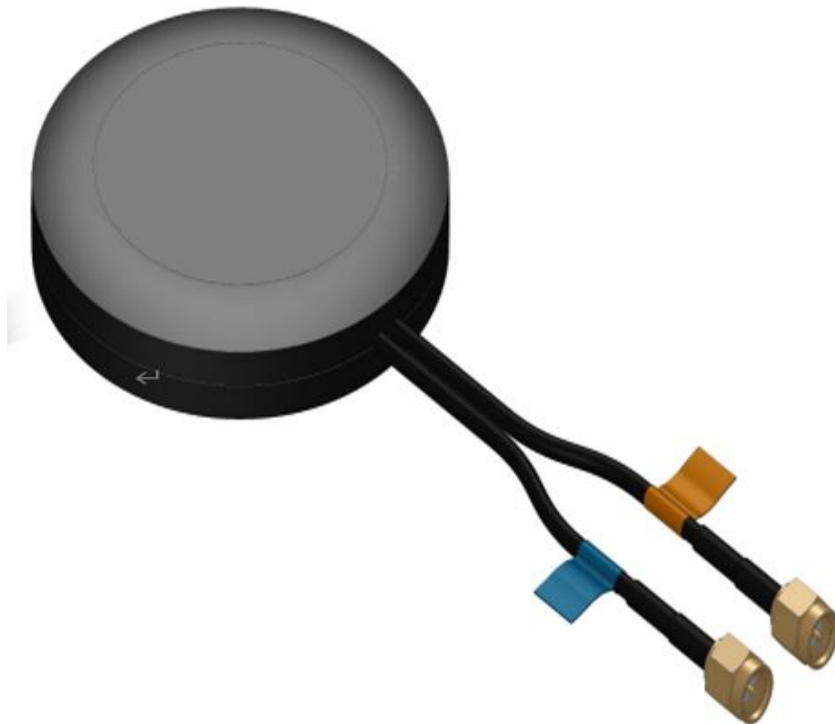


## External 2 in 1 Antenna

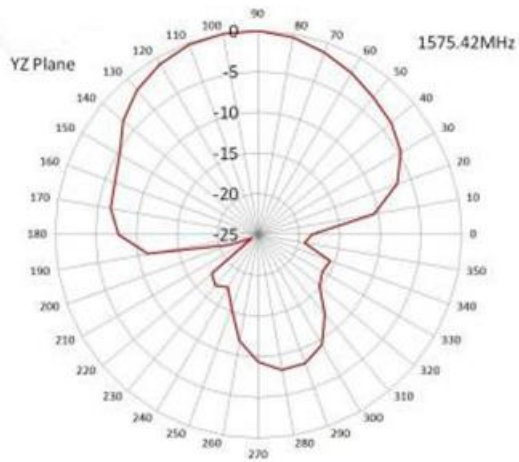
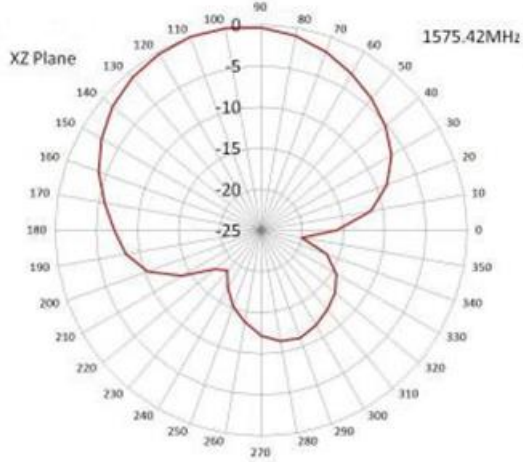
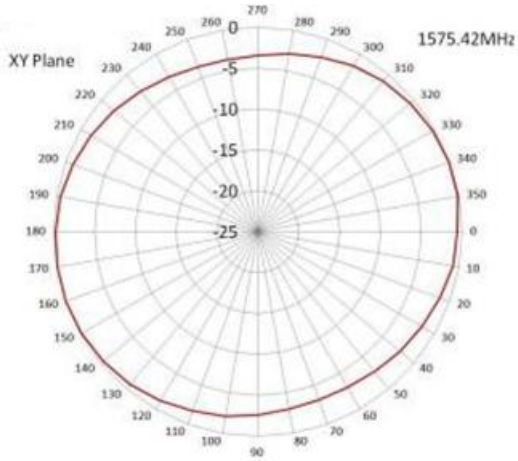
- 2 ports in the same housing
- Technology: LTE, GPS L1/BD B1
- High gain GNSS antenna (LNA Integrated)
- Adhesive/Magnet mounting
- Applications in smart city, small cell, repeater, CPE, Wireless networking etc.



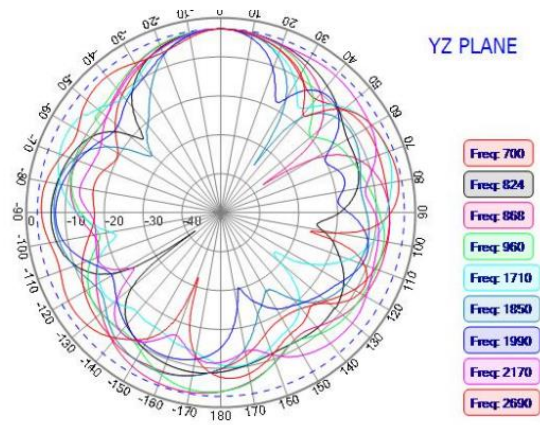
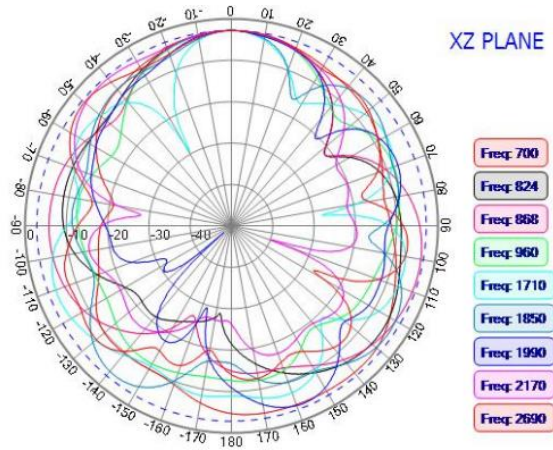
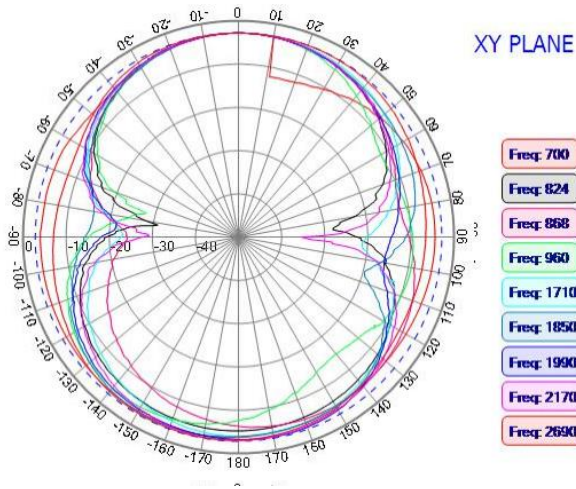
Item	Performance Specifications
GNSS Antenna Center Frequency	1575.42±3MHz
GNSS Antenna Band Width	CF±5MHz
GNSS Antenna Polarization	RHCP
GNSS Antenna Gain	2dBic ( Zenith )
GNSS Antenna V.S.W.R	≤1.5
GNSS Antenna Impedance	50Ω
GNSS Antenna Axial Ratio	3dB ( max )
LNA Gain	28±2dB
LNA Noise Figure	<1.5dB
LNA V.S.W.R	<2.0
LNA Supply Voltage	2.2~5V DC
LNA Current Consumption	≤15mA
LTE Antenna Frequency Range	698~960MHz/1710~2690MHz
LTE Antenna V.S.W.R ( min )	<2.5
LTE Antenna Polarization	Linear
LTE Antenna Gain	2dBi
LTE Antenna Impedance	50Ω
Cable	RG174
Connector	SMA/MCX/FAKRA, fully customized
Radome Material	ABS
Mounting Method	Adhesive/Magnet
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 95%
Vibration	10 to 55Hz with 1.5mm amplitude 2hours
Environmentally Friendly	ROHS Compliant

## Radiation Pattern

### GNSS Antenna



## LTE Antenna



## Antenna Mechanical Drawing

