

## External 5 in 1 Antenna

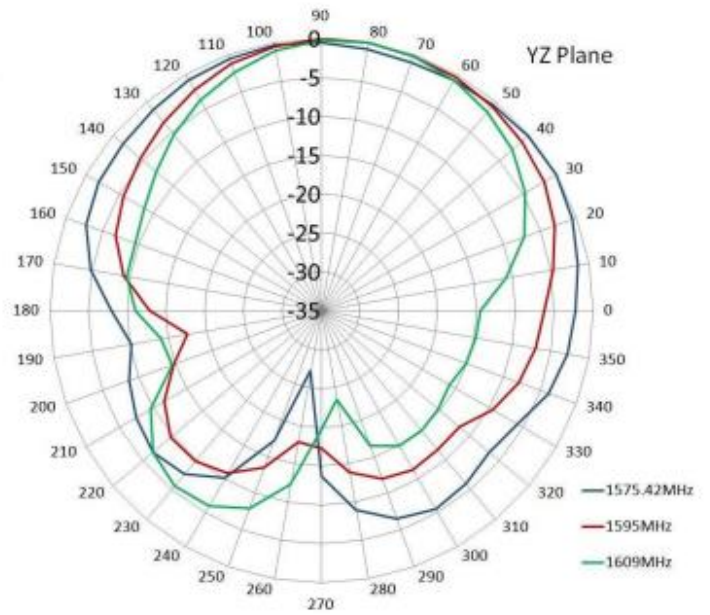
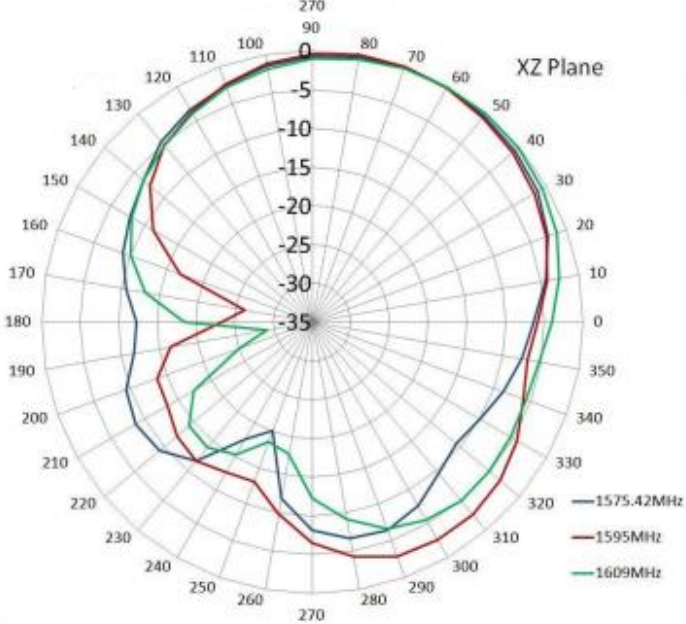
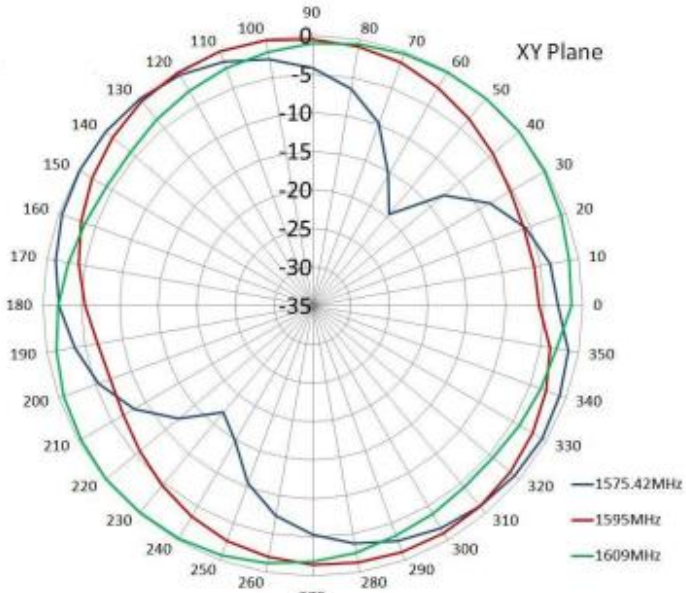
- 5 ports in the same housing
- Technology: LTE 4\*4 MIMO, GPS L1/BD B1
- High gain GNSS antenna (LNA Integrated)
- Magnet and screw mounting options
- Applications in smart city, small cell, repeater, CPE, Wireless networking etc.



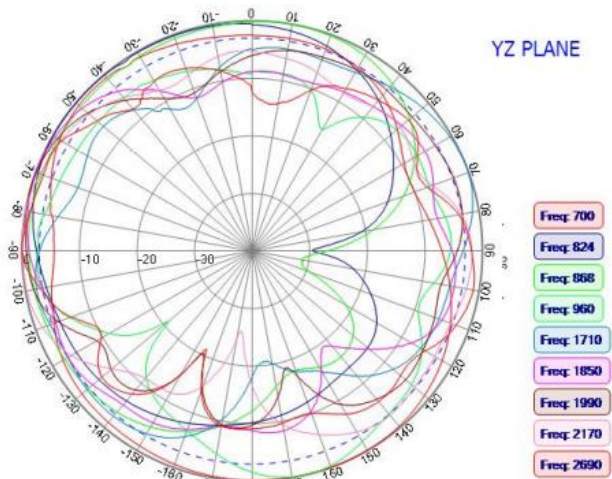
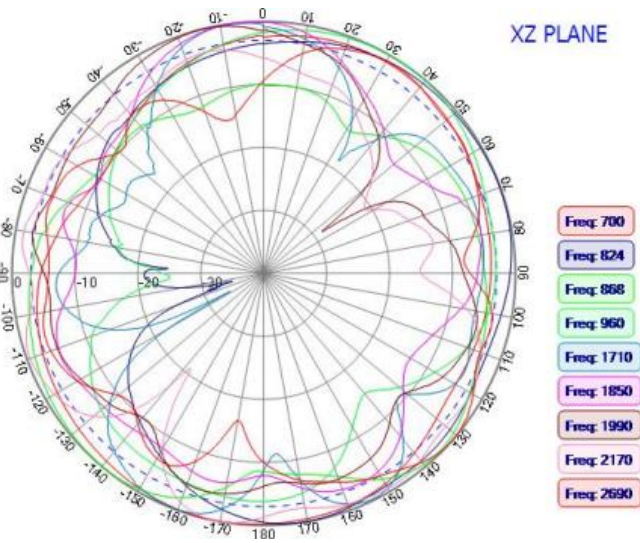
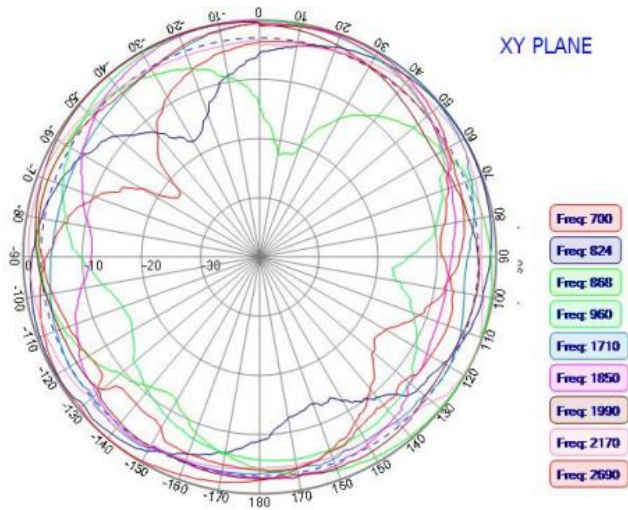
Item	Performance Specifications
GNSS Antenna Frequency range	1575±3MHz
GNSS Antenna Polarization	RHCP
GNSS Antenna Gain	2dBic (Zenith)
GNSS Antenna V.S.W.R	≤1.5
GNSS Antenna Impedance	50 Ω
GNSS Antenna Axial Ratio	3dB (max)
LNA Gain	28±2dB
LNA Noise Figure	≤1.5dB
LNA V.S.W.R	≤2.0
LNA Supply Voltage	3~5V DC
LNA Current Consumption	<15mA
LTE MIMO Antenna Frequency Range	698~960MHz/1710~2690MHz
LTE MIMO Antenna V.S.W.R	≤3.0
LTE MIMO Antenna Peak Gain	3dBi
LTE MIMO Antenna Impedance	50 Ω
Isolation	<-15dB
Cable	RG174, fully customized
Connector	SMA, fully customized
Mounting Method	Screw, Magnet, 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



## LTE MIMO Antenna



## Antenna Mechanical Drawing

