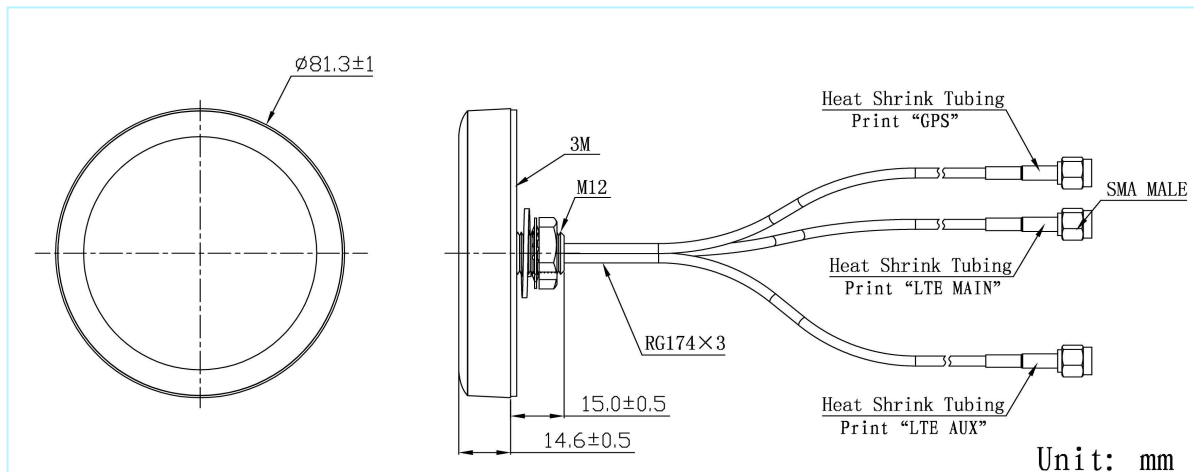


GPS+LTE MIMO Combination Antenna Screw Mount

AN_GPS_GSM_046_MIMO_Combo



Mechanical dimension



GPS+LTE MIMO Combination Antenna Screw Mount

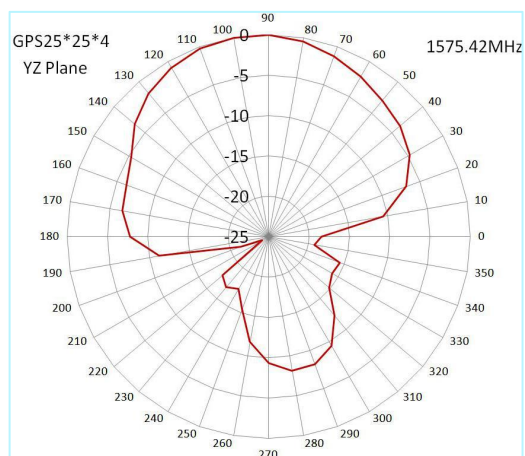
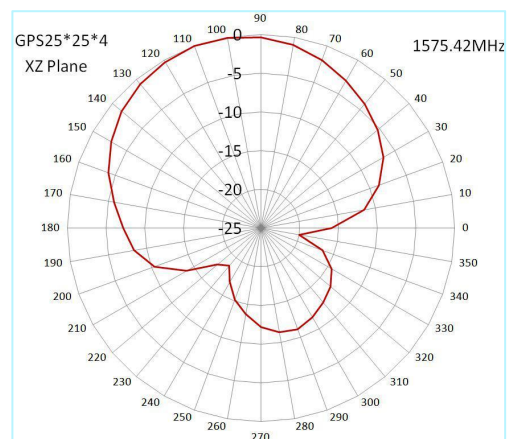
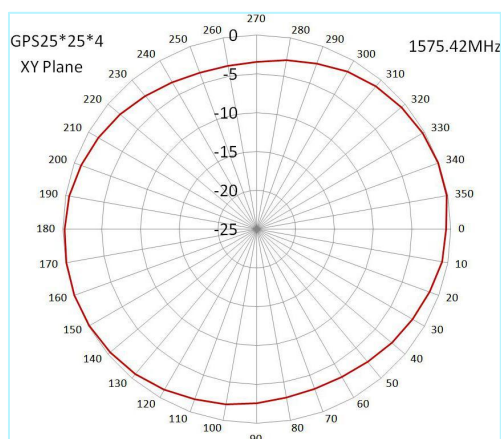
Specifications

Item			Specifications
GPS Antenna	Dielectric Antenna	Frequency Range	1575.42±3MHz
		V.S.W.R	<1.5
		Polarization	RHCP
		Gain	2dBi (Zenith)
		Impedance	50Ω
	LNA	Gain	28±2dB
		Noise Figure	<2.0dB
		V.S.W.R	<2.0
		Supply Voltage	3~5V DC
		Current Consumption	<20mA
LTE Antenna MAIN		Frequency Range	698~960MHz/1710~2690MHz
		V.S.W.R	<3.0
		Polarization	Linear
		Gain	2.5dBi (Zenith)
		Impedance	50Ω
LTE Antenna AUX		Frequency Range	698~960MHz/1710~2690MHz
		V.S.W.R	<3.0
		Polarization	Linear
		Gain	2.0dBi (Zenith)
		Impedance	50Ω
Mechanical		Cable	RG174
		Connector	SMA or others
		Material	ABS
		Mounting Method	Screw
Environmental		Operating Temperature	-40℃~+85℃
		Relative Humidity	Up to 95%
		Ingress Protection	IP67(exclude cable outlet)
		Vibration	10 to 55Hz with 1.5mm amplitude 2hours
		Environmentally Friendly	ROHS Compliant

GPS+LTE MIMO Combination Antenna Screw Mount

Radiation Patterns

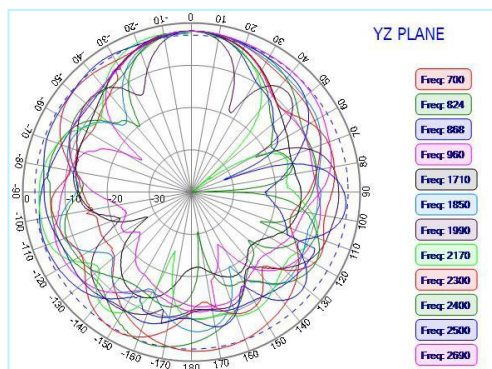
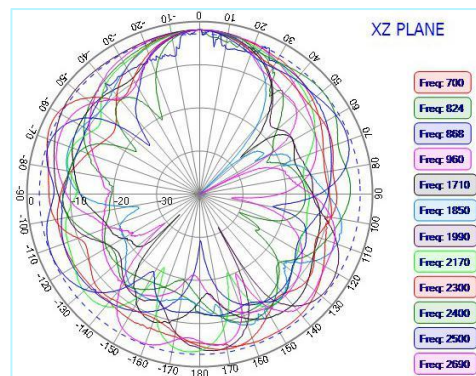
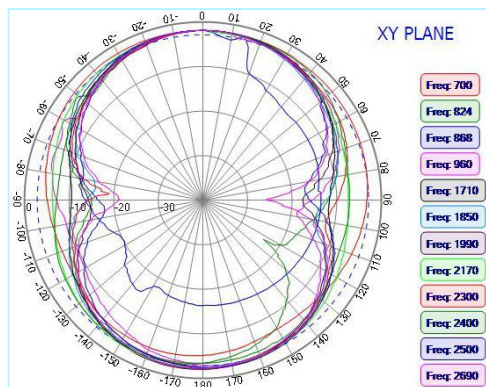
GPS Antenna Part Pattern



GPS+LTE MIMO Combination Antenna Screw Mount

Radiation Patterns

LTE Antenna MAIN part Pattern



GPS+LTE MIMO Combination Antenna Screw Mount

Radiation Patterns

LTE Antenna AUX part Pattern

