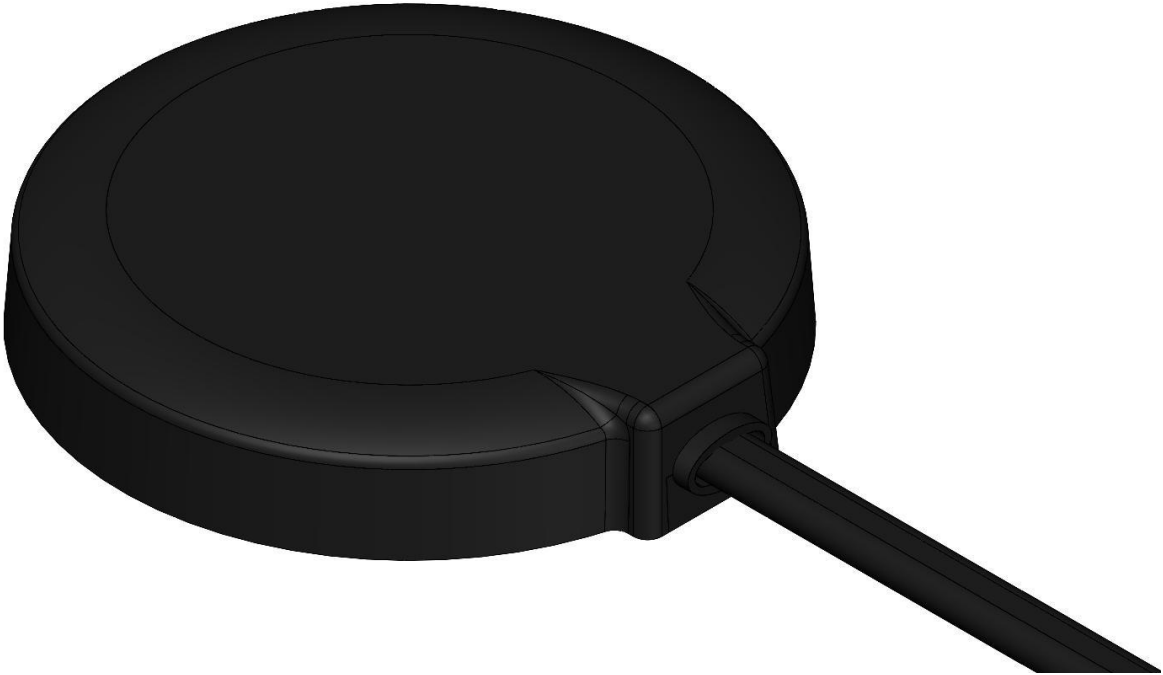
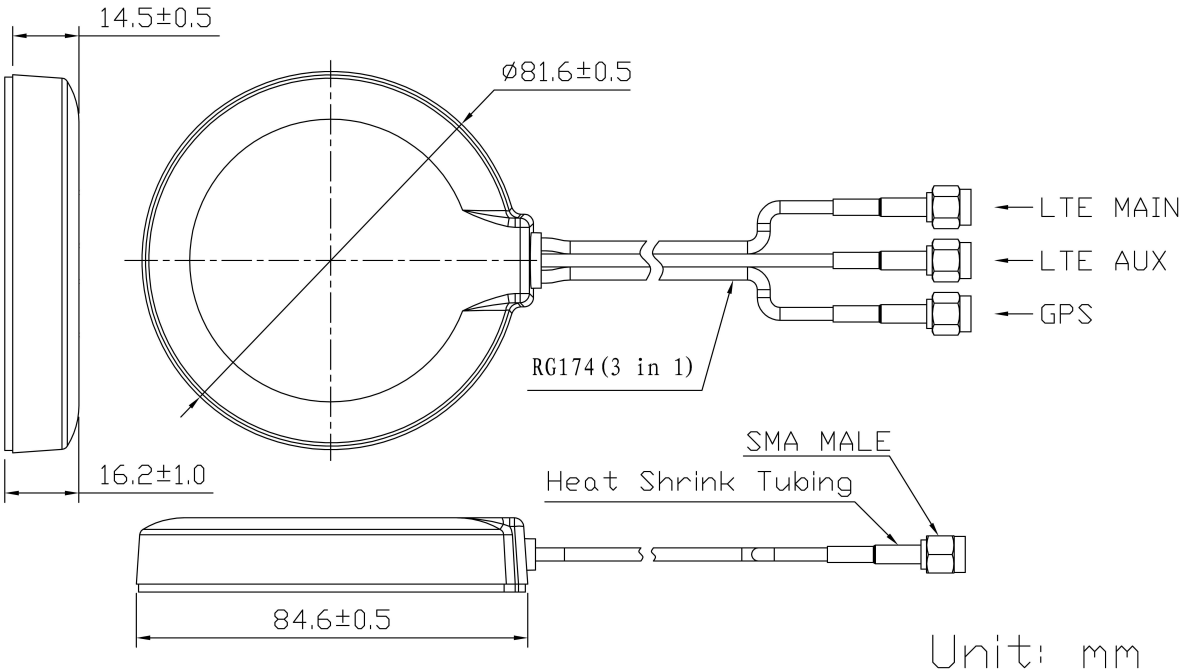


**GPS+LTE MIMO Combination Antenna
VTGPSLM-2**



DIMENSIONS

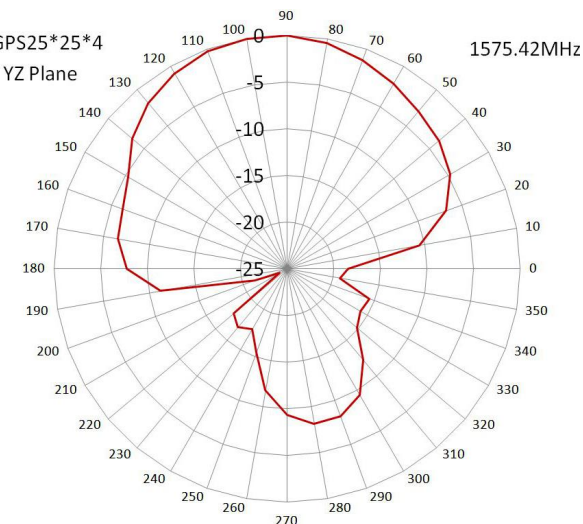
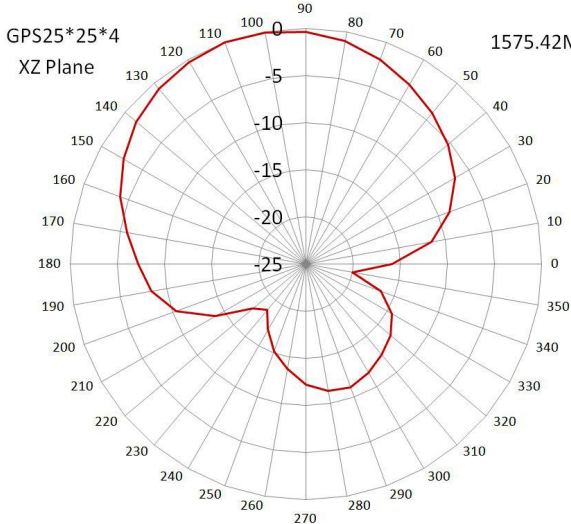
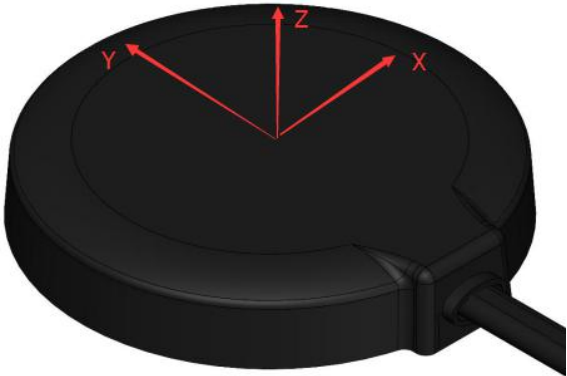
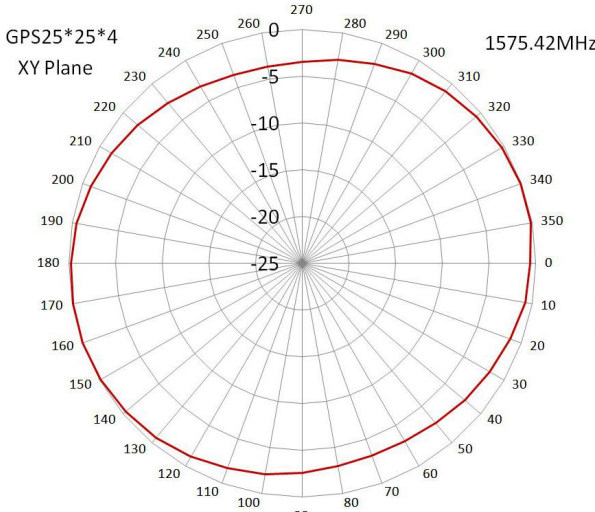


SPECIFICATIONS

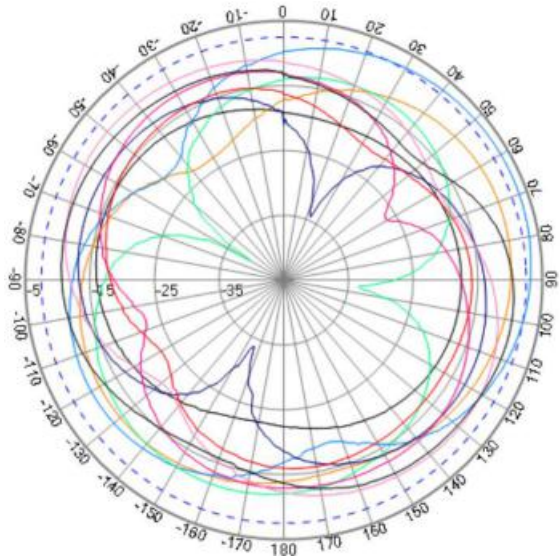
Item		Specifications	
GPS Antenna	Dielectric Antenna	Frequency Range	L1:1575.42MHz±1.023 MHz
		Polarization	RHCP
		Gain	2dBic (Zenith)
		V.S.W.R	<1.5
		Impedance	50Ω
	LNA	Gain	30±2dB
		Noise Figure	<2dB
		V.S.W.R	<2.0
		Supply Voltage	3~5V DC
		Current Consumption	<20mA
LTE Antenna MAIN		Frequency Range	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	FAKRA or others
		Material	ABS
		Mounting Method	Adhesive/Magnet
Environmental		Operating Temperature	-40℃~+85℃
		Relative Humidity	Up to 95%
		Ingress Protection	IP67
		Vibration	10 to 55Hz with 1.5mm amplitude 2hours
		Environmentally Friendly	ROHS Compliant

Radiation Pattern

GPS Antenna

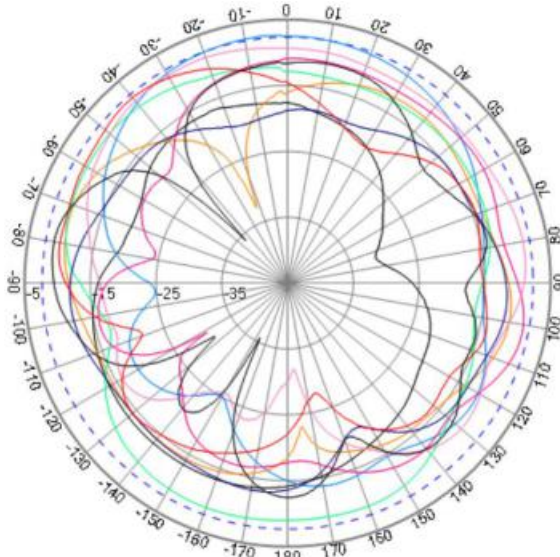


LTE Antenna MAIN



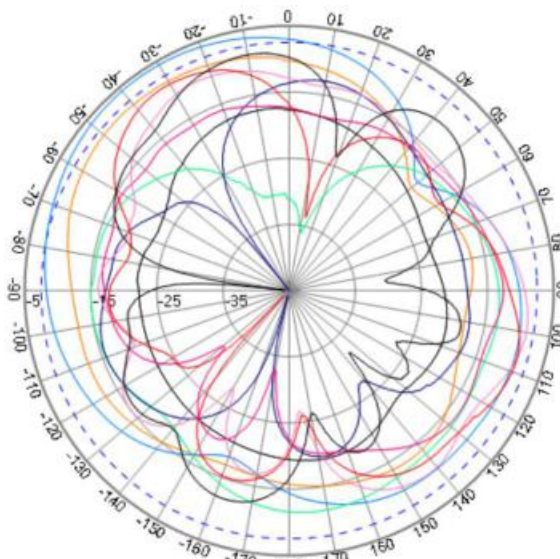
XY PLANE

- 700MHZ
- 824MHZ
- 868MHZ
- 960MHZ
- 1710MHZ
- 1850MHZ
- 1990MHZ
- 2170MHZ
- 2690MHZ



XZ PLANE

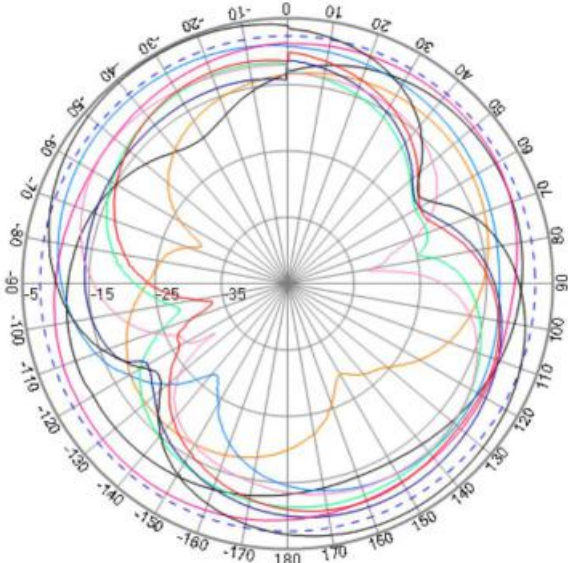
- 700MHZ
- 824MHZ
- 868MHZ
- 960MHZ
- 1710MHZ
- 1850MHZ
- 1990MHZ
- 2170MHZ
- 2690MHZ



YZ PLANE

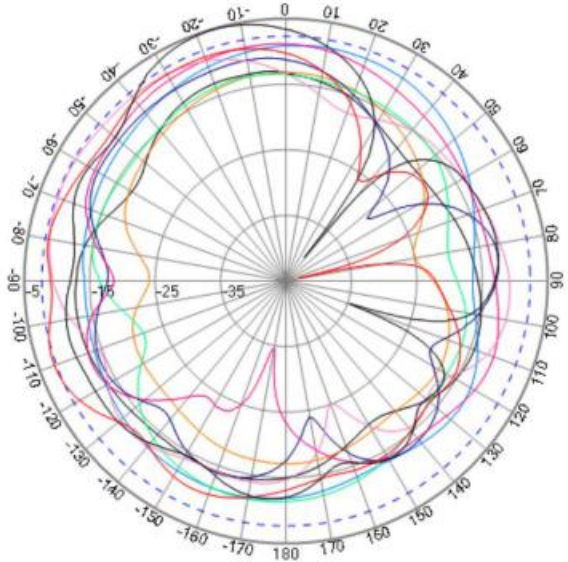
- 700MHZ
- 824MHZ
- 868MHZ
- 960MHZ
- 1710MHZ
- 1850MHZ
- 1990MHZ
- 2170MHZ
- 2690MHZ

LTE Antenna AUX



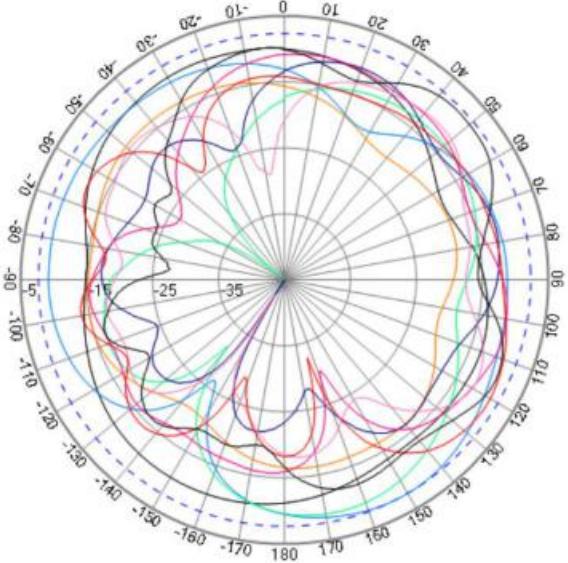
XY PLANE

- 700MHZ
- 824MHZ
- 868MHZ
- 960MHZ
- 1710MHZ
- 1850MHZ
- 1990MHZ
- 2170MHZ
- 2690MHZ



XZ PLANE

- 700MHZ
- 824MHZ
- 868MHZ
- 960MHZ
- 1710MHZ
- 1850MHZ
- 1990MHZ
- 2170MHZ
- 2690MHZ



YZ PLANE

- 700MHZ
- 824MHZ
- 868MHZ
- 960MHZ
- 1710MHZ
- 1850MHZ
- 1990MHZ
- 2170MHZ
- 2690MHZ