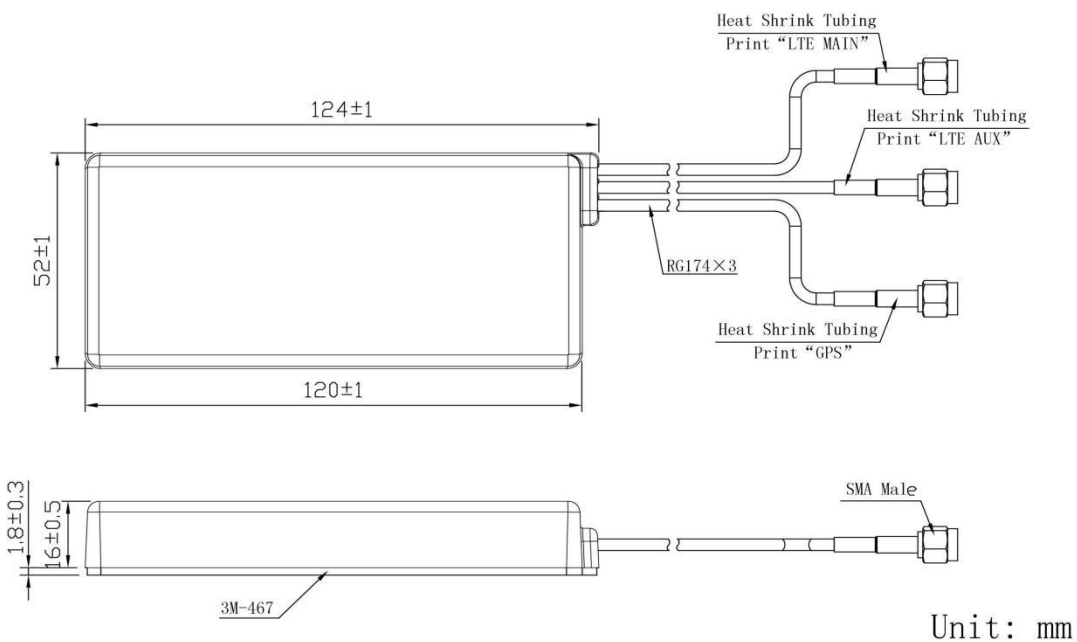




GPS+LTE +WIFI Combination Antenna JCE312



DIMENSIONS



JIAXING JINCHANG ELECTRONIC TECHNOLOGY CO.,LTD
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SPECIFICATIONS

Item		Specifications	
GPS Antenna	Dielectric Antenna (2 pins)	Frequency Range	1561.098~1602MHz
		Polarization	RHCP
		Gain	5dBic@PCB (Zenith)
		V.S.W.R	<1.5
		Dimension	33.5*33.5*6mm
	LNA	Gain	38±2dB
		Noise Figure	<1.5dB
		V.S.W.R	<2.0
		Supply Voltage	3~5V DC
		Current Consumption	<15mA
LTE Antenna MAIN	Frequency Range	698~960MHz/1710~2690MHz	
	V.S.W.R	<3.0	
	Polarization	Linear	
	Gain	2.5dBi (Zenith)	
	Impedance	50Ω	
WIFI Antenna	Frequency Range	2400-2483MHZ	
	V.S.W.R	<3.0	
	Polarization	Linear	
	Gain	2.0dBi (Zenith)	
	Impedance	50Ω	
Mechanical	Cable	RG174	
	Connector	SMA/FAKRA or others	
	Material	ABS	
	Mounting Method	Adhesive	
Environmental	Operating Temperature	-40℃~+85℃	
	Relative Humidity	Up to 95%	
	Ingress Protection	IP65	
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours	
	Environmentally Friendly	ROHS Compliant	

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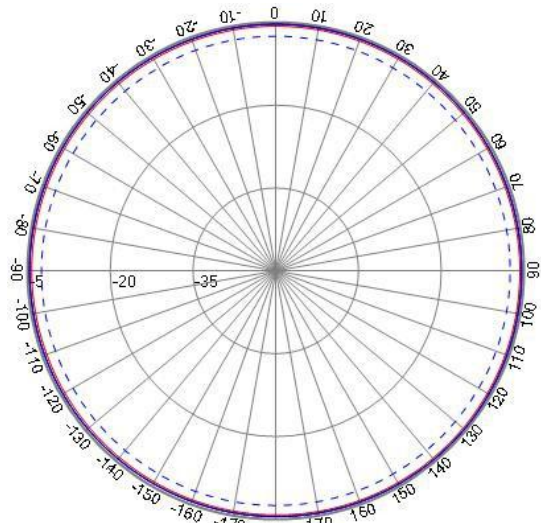
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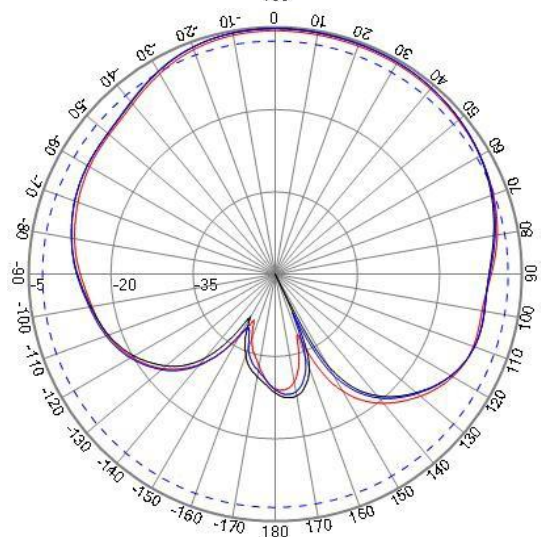
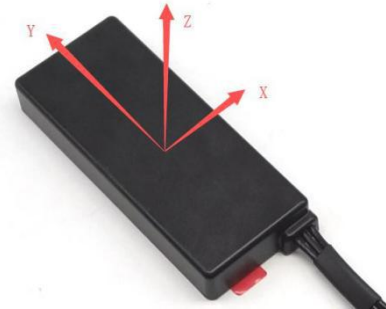
Radiation Pattern

GPS Antenna



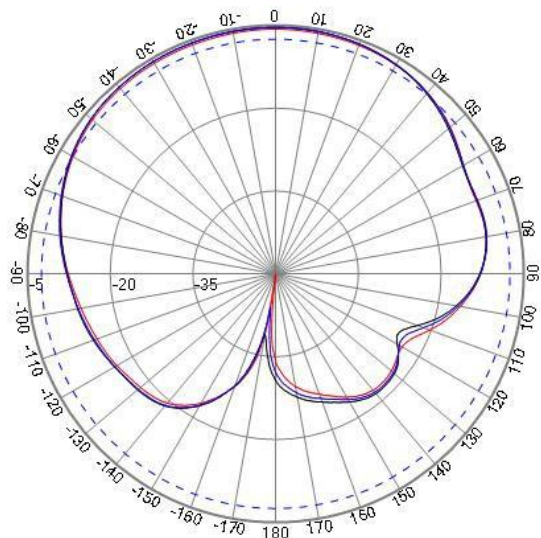
XY-PLANE

- Freq: 1602
- Freq: 1561
- Freq: 1575



XZ-PLANE

- Freq: 1602
- Freq: 1561
- Freq: 1575



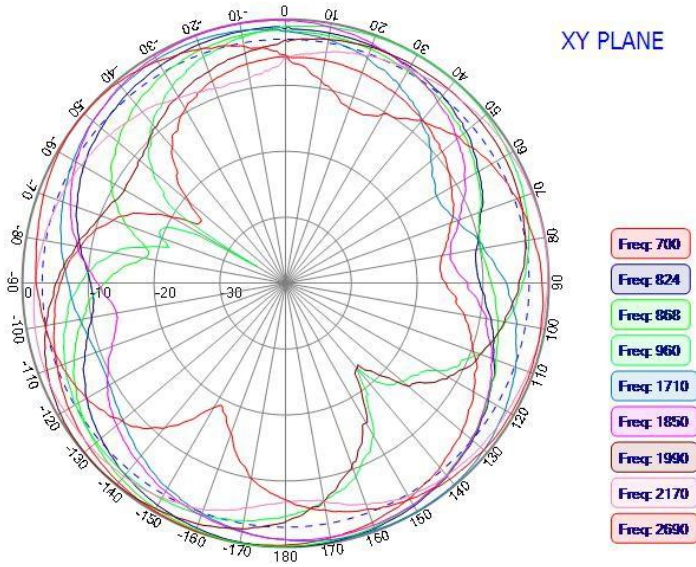
YZ-PLANE

- Freq: 1602
- Freq: 1561
- Freq: 1575

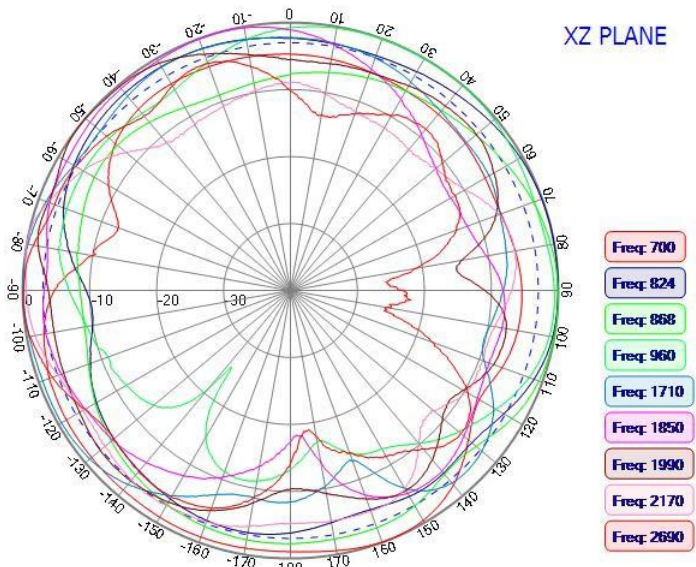


LTE Antenna MAIN

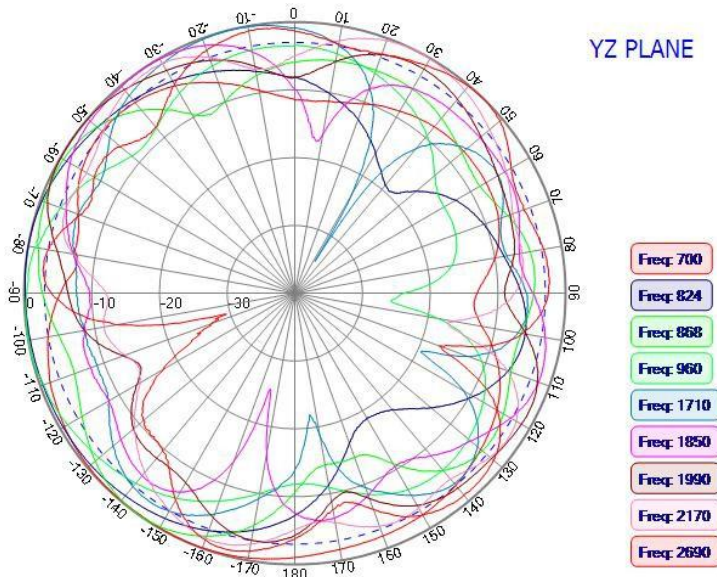
XY PLANE



XZ PLANE



YZ PLANE





WIFI Antenna

