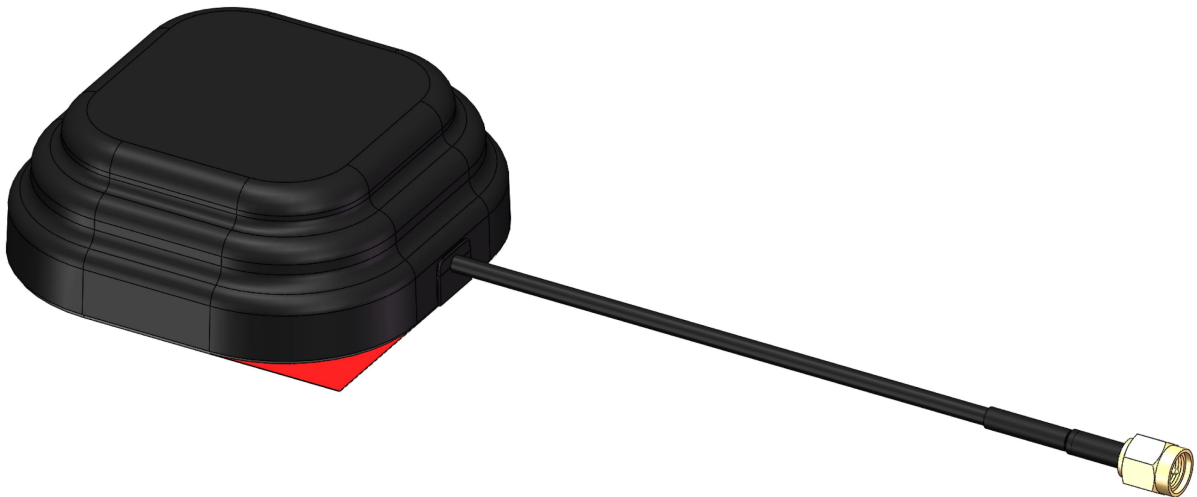
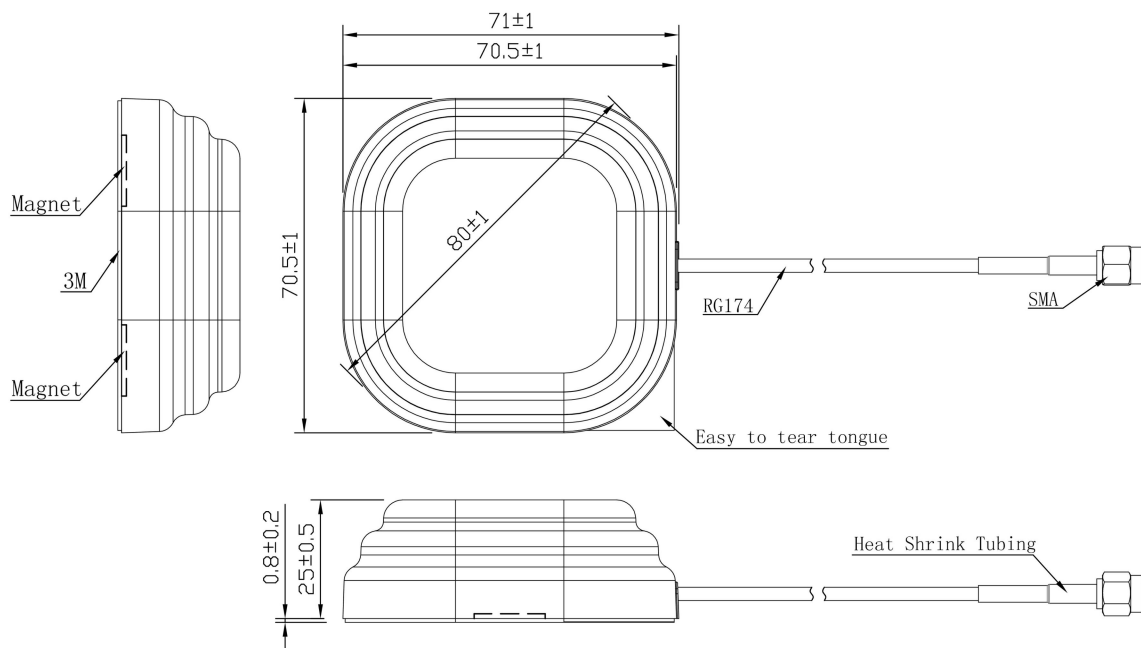


# High Accuracy GNSS Active Antenna JCA241



## DIMENSIONS



Unit: mm

JIAXING JINCHANG ELECTRONIC TECHNOLOGY CO.,LTD

Add: 398#, Zhenye Road, South Street, Jiaxing, Zhejiang, China

Http:// [www.jinchanggps.com](http://www.jinchanggps.com)

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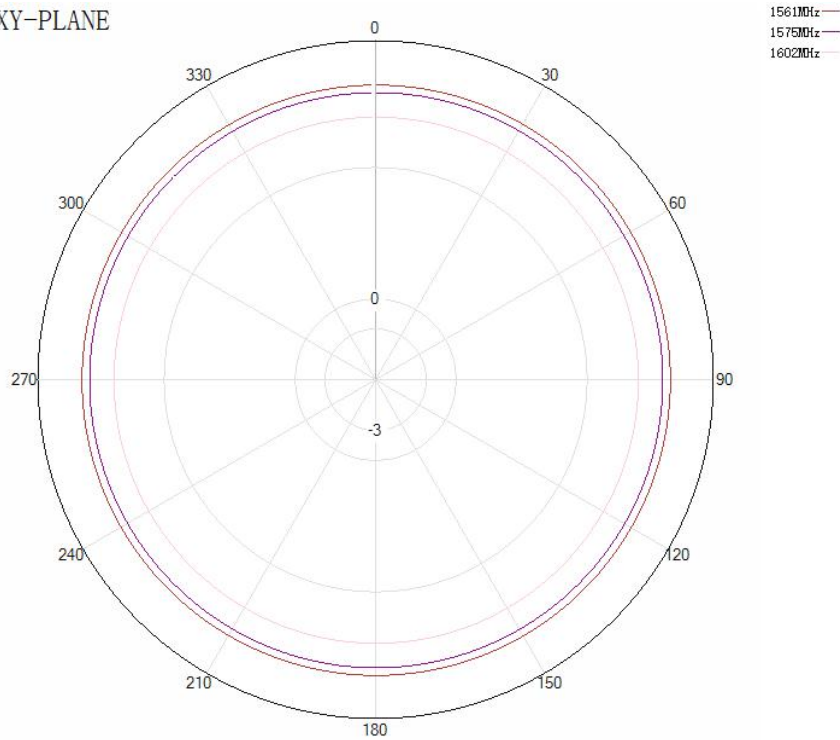
Tel: 86-0573-83692157/83692605/83958637 Fax: 86-0573-83958635

**SPECIFICATIONS**

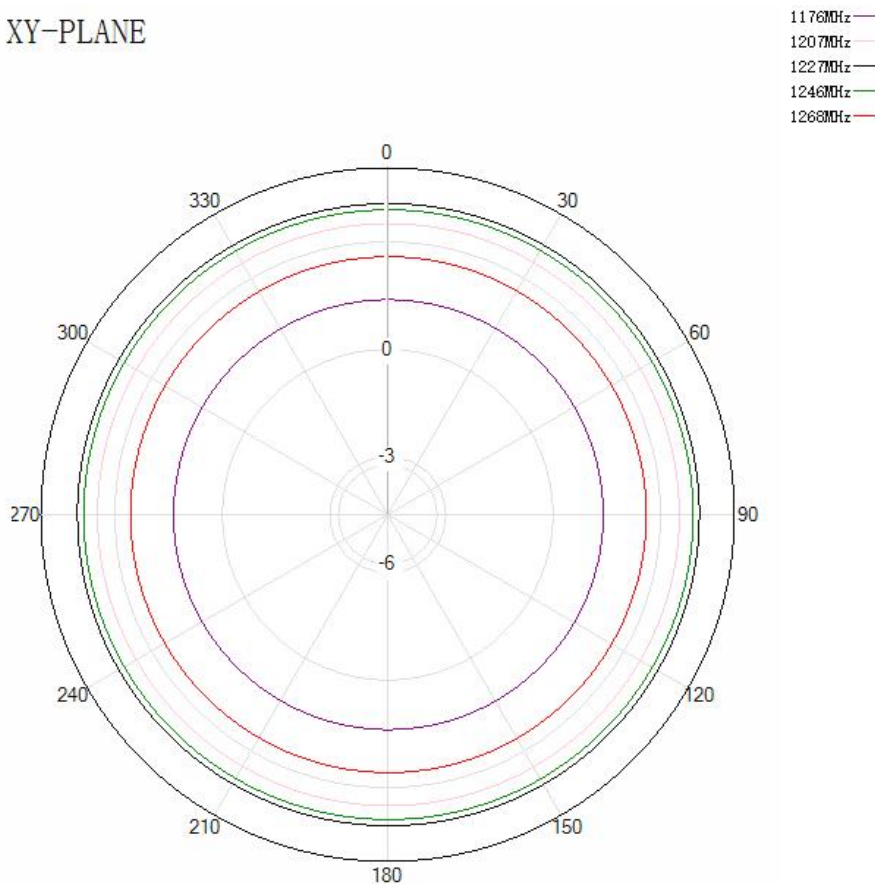
Item		Specifications
Antenna (4+4Pins)	Frequency	GPS L1/L2/L5 GLONASS G1/G2/G3 COMPASS B1/B2/B3 Galileo E1/L1/E2/E5a/E5b
	Polarization	RHCP
	Axial Ratio(min)	≤3dB
	V.S.W.R	≤2.0
	Peak Gain	≥3dBic
	Impedance	50 Ω
	Horizontal coverage angle	360°
LNA	Gain	28 ± 2dB
	Noise Figure	≤1.5dB
	Supply Voltage	3~12V DC
	Current Consumption	≤50mA
	V.S.W.R	≤2.0
Mechanical	Connector	SMA straight male
	Cable	RG174/3m
	Mounting Method	Magnet/Adhesive
Environmental	Operating Temperature	-40°C~+85°C
	Relative Humidity	Up to 95%
	Ingress Protection	IP66
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

**Radiation Pattern**

XY-PLANE



XY-PLANE



**JIAXING JINCHANG ELECTRONIC TECHNOLOGY CO.,LTD**

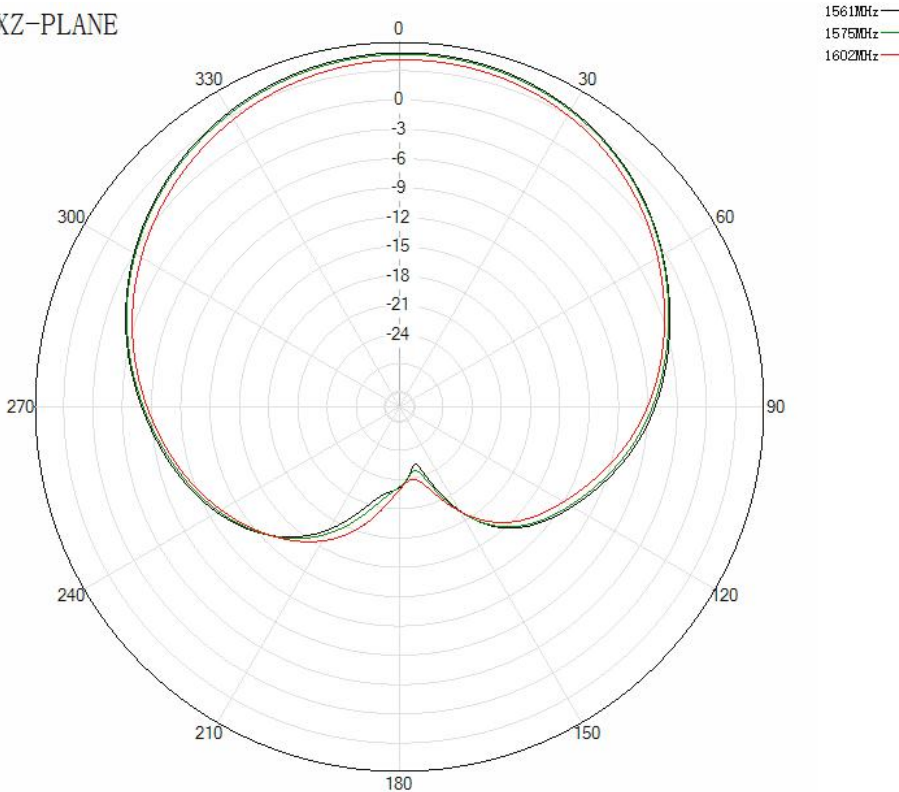
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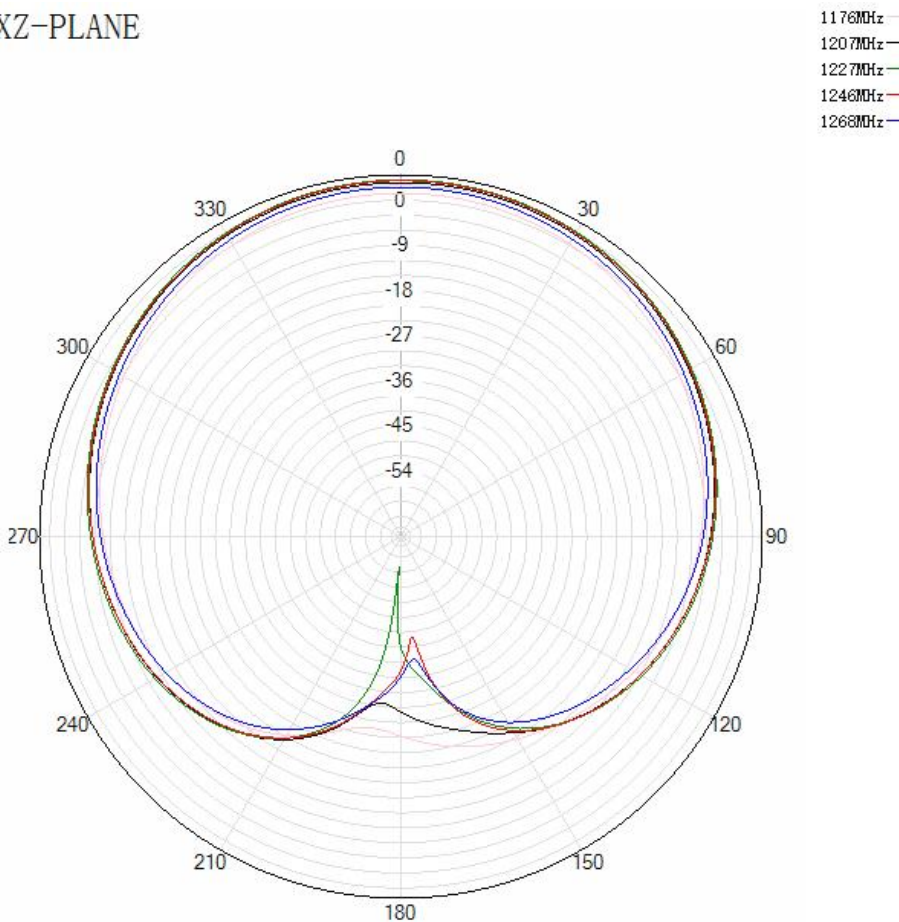
E-mail:[jcgps@vip.163.com](mailto:jcgps@vip.163.com)

Tel: 86-0573-83692157/83692605/83958637 Fax:86-0573-83958635

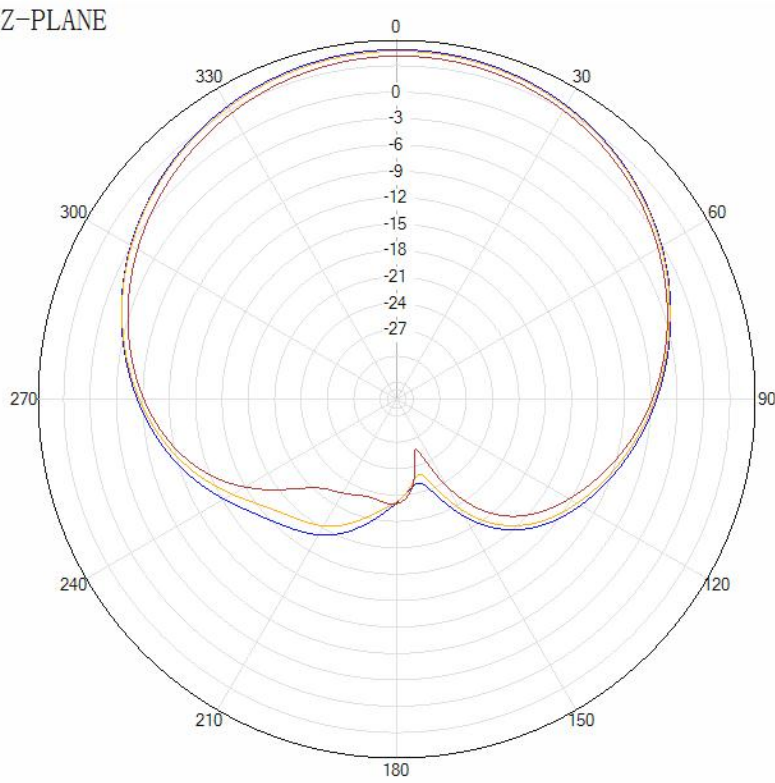
XZ-PLANE



XZ-PLANE

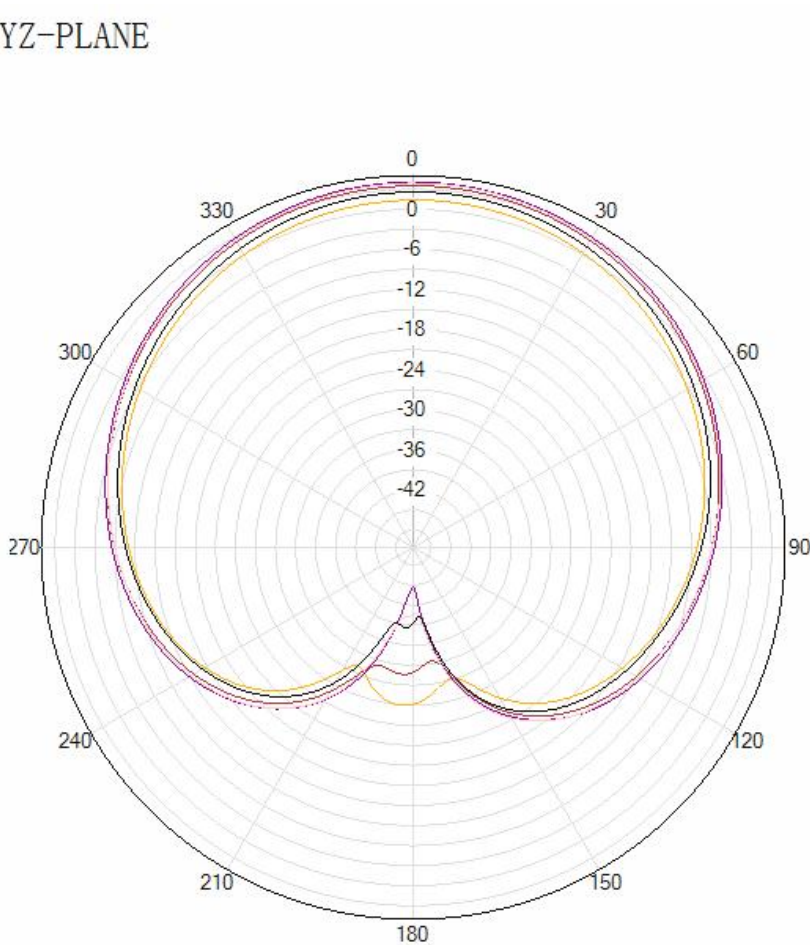


YZ-PLANE



1561MHz  
1575MHz  
1602MHz

YZ-PLANE



1176MHz  
1207MHz  
1227MHz  
1246MHz  
1268MHz