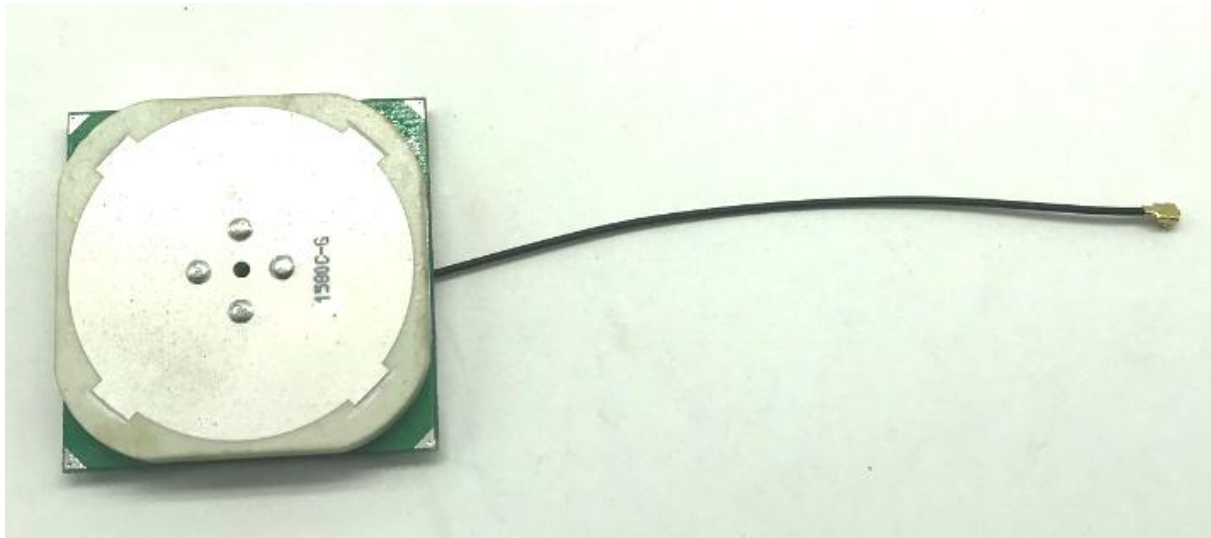
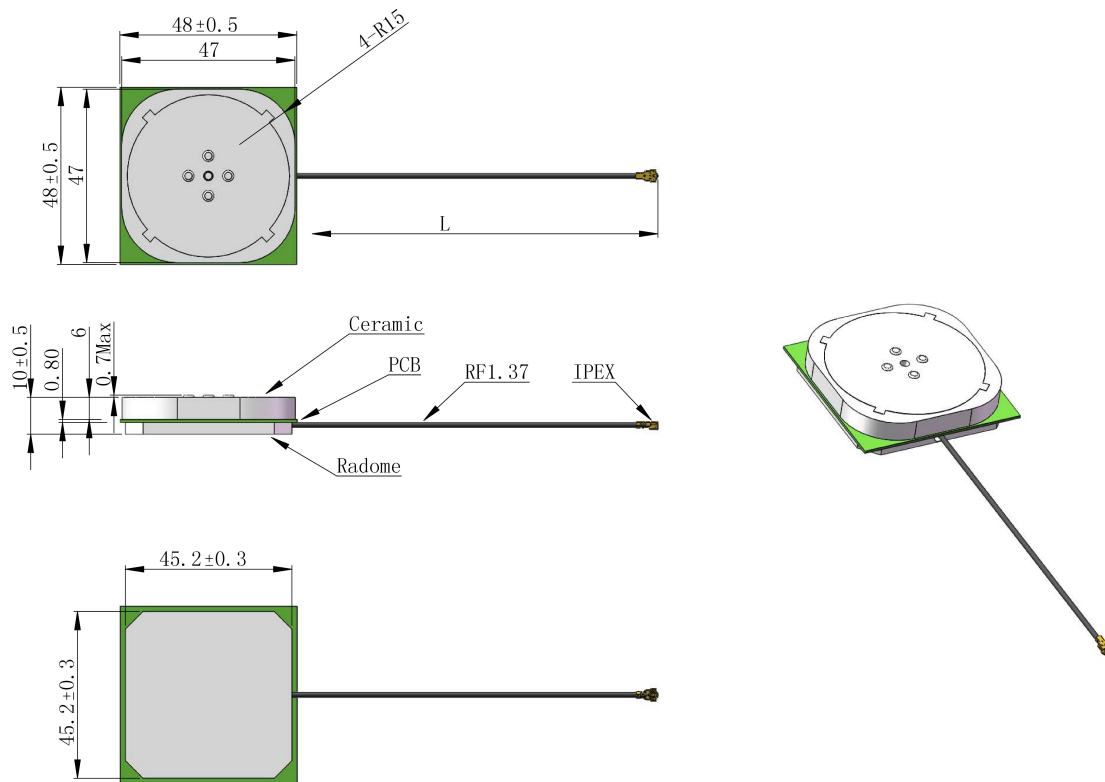


High Accuracy GNSS Internal Active Antenna JCN542D



DIMENSIONS



UNIT : mm

JIAXING JINCHANG ELECTRONIC TECHNOLOGY CO.,LTD

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

Http:// www.jinchanggps.com

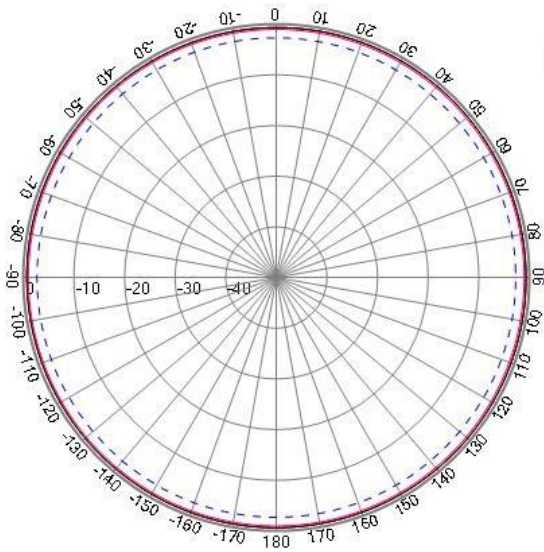
E-mail: jcgps@vip.163.com

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

SPECIFICATIONS

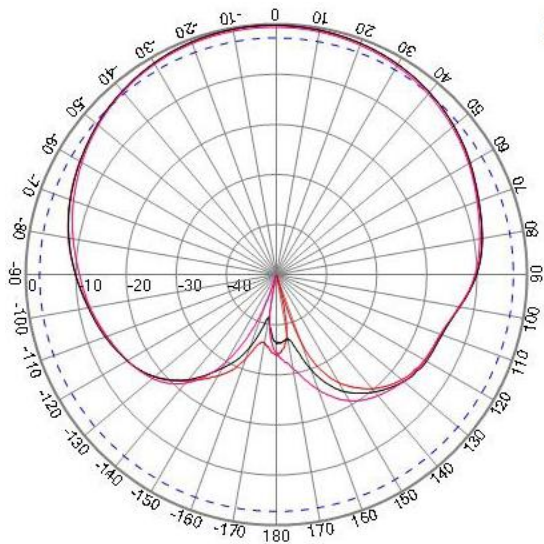
Item		Specifications
Antenna	Frequency Range	1561.098~1602MHz
	Polarization	RHCP
	Gain	5dBic@PCB (Zenith)
	V.S.W.R	<1.5
	Impedance	50 Ω
	Dimension	47*47*6mm
LNA	Gain	34 \pm 2dB
	Noise Figure	\leq 1.5dB
	Supply Voltage	3~5V DC
	Current Consumption	<15mA
	V.S.W.R	<2.0
Mechanical	Cable	RF1.37 or others
	Connector	IPEX or others
	Mounting Method	Embedded
Environmental	Operating Temperature	-40 $^{\circ}$ C~+85 $^{\circ}$ C
	Relative Humidity	Up to 75%
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

Radiation Pattern



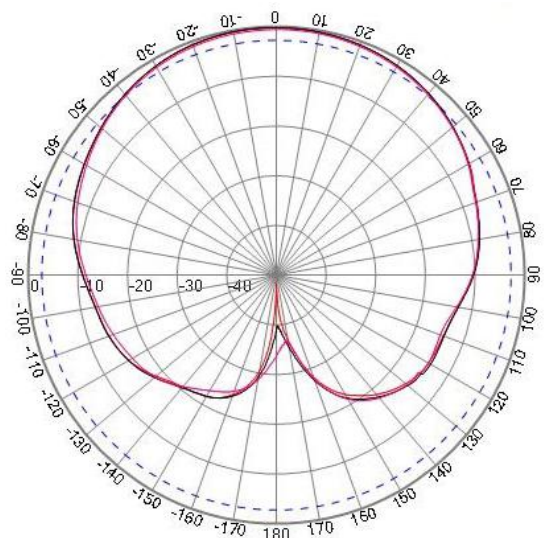
XY-PLANE

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



XZ-PLANE

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



YZ-PLANE

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