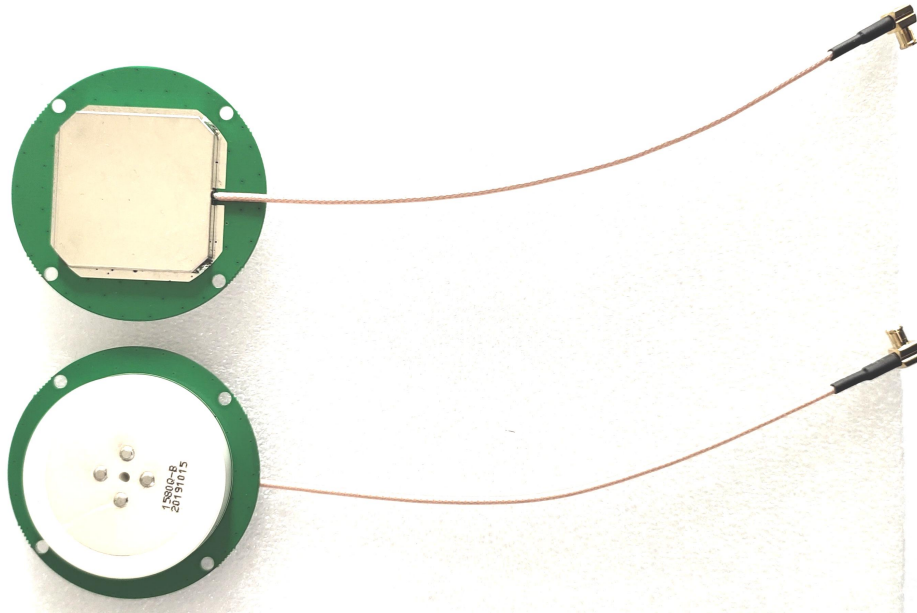
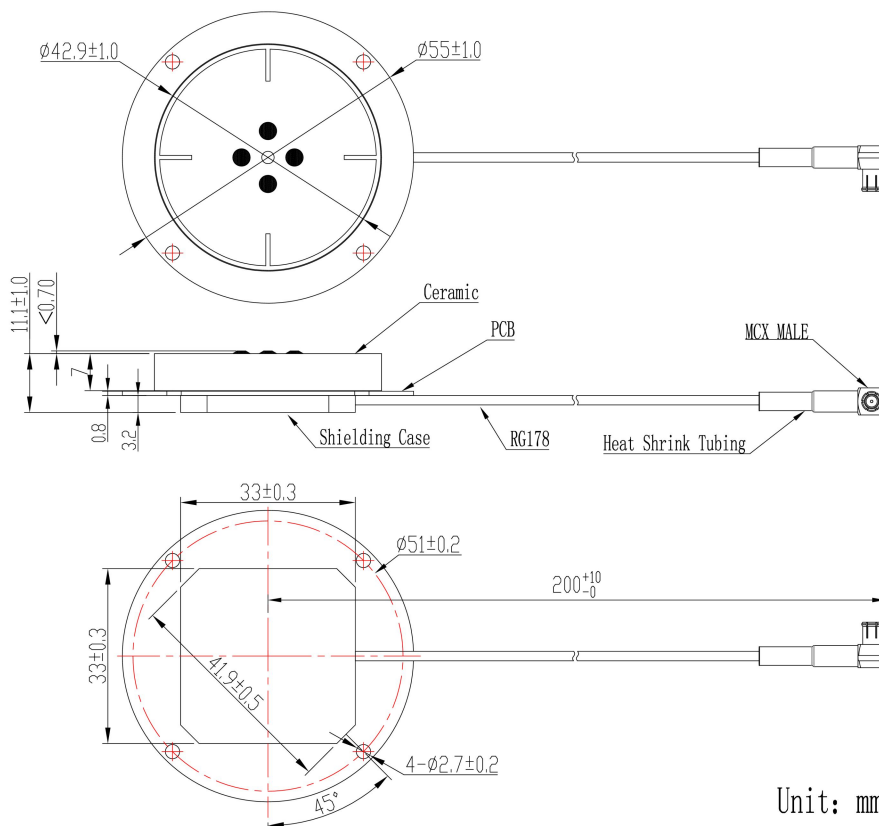


High Accuracy GNSS Internal Active Antenna JCN504A



DIMENSIONS



Unit: mm

JIAXING JINCHANG ELECTRONIC TECHNOLOGY CO.,LTD

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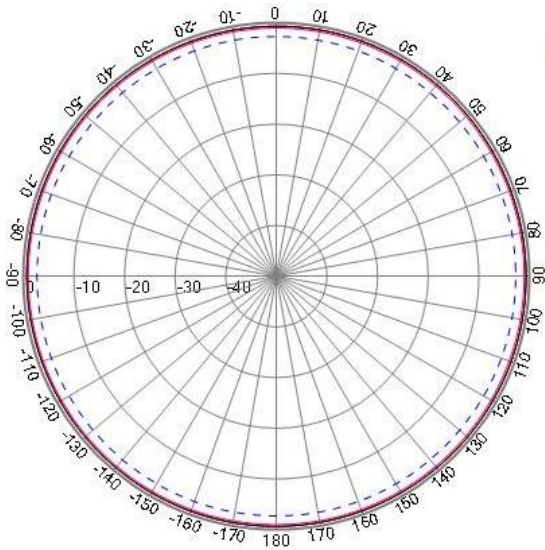
E-mail: jcgps@vip.163.com

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

SPECIFICATIONS

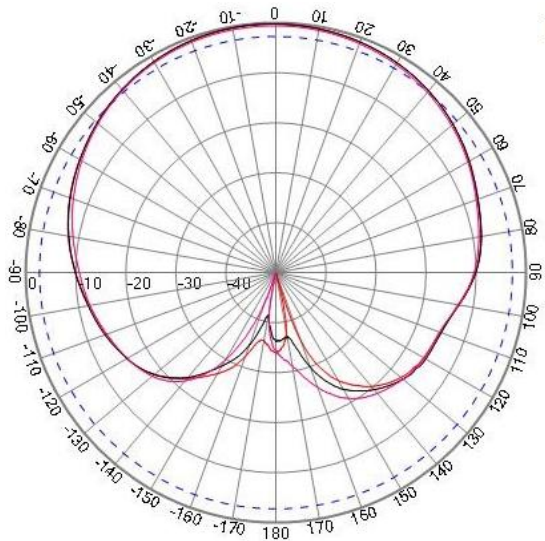
Item	Specifications	
Antenna	Frequency Range	1561.098~1602MHz
	Polarization	RHCP
	Gain	3.5dBic@PCB (Zenith)
	V.S.W.R	<1.5
	Impedance	50 Ω
	Dimension	ϕ 43*7mm
LNA	Gain	28 \pm 2dB
	Noise Figure	\leq 1.5dB
	Supply Voltage	3~5.5V DC
	Current Consumption	\leq 25mA
	V.S.W.R	<2.0
Mechanical	Cable	RG178/10cm
	Connector	MCX right angle
	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



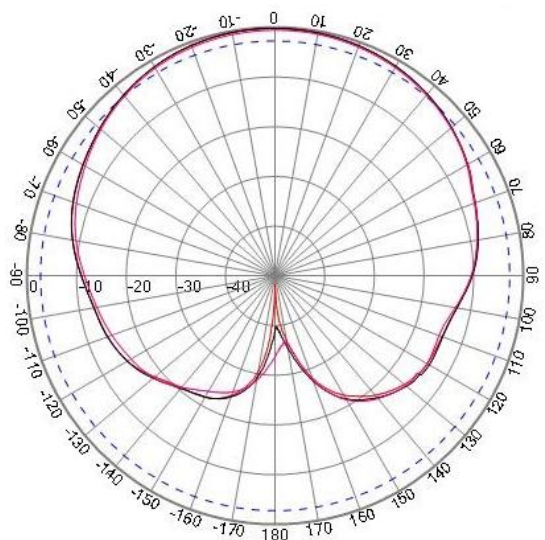
XY-PLANE

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



XZ-PLANE

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



YZ-PLANE

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