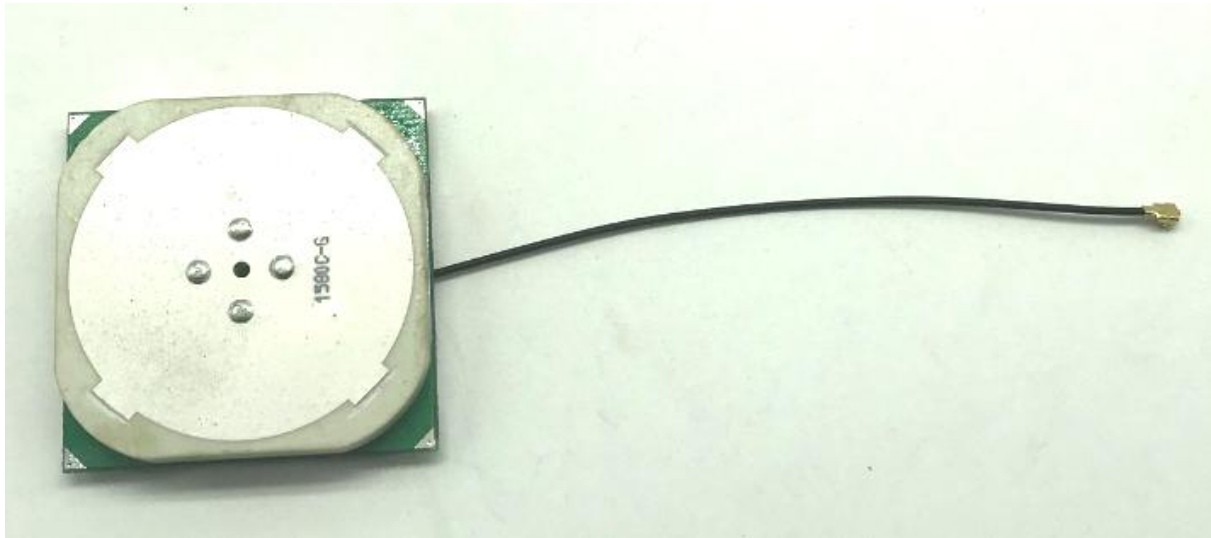
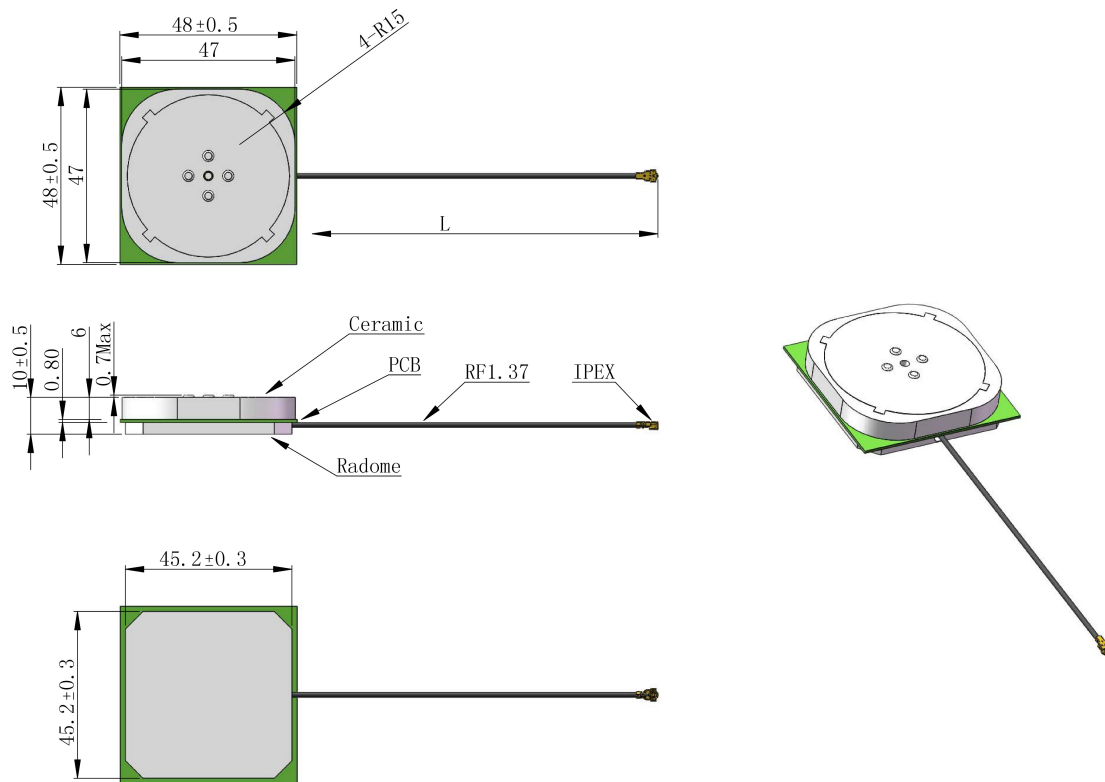


High Accuracy GNSS Internal Active Antenna JCN542D



DIMENSIONS

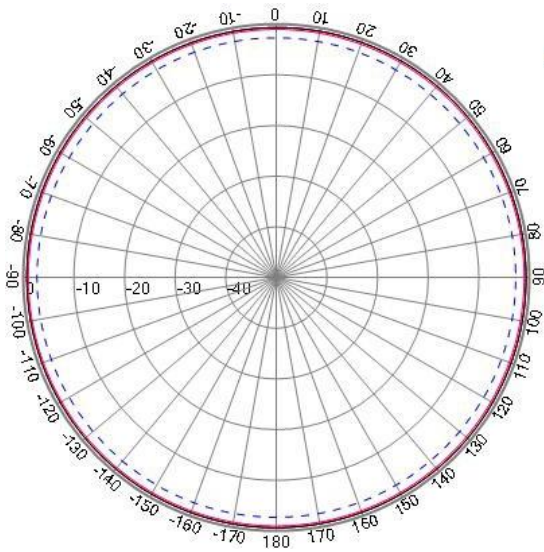


UNIT : mm

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

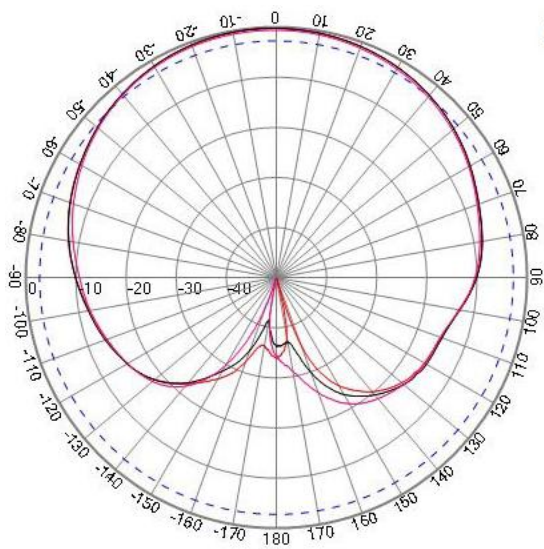


XY-PLANE

Freq: 1561

Freq: 1575

Freq: 1602

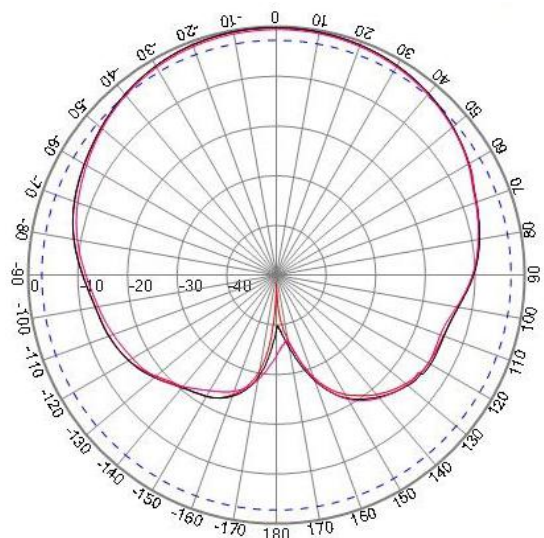


XZ-PLANE

Freq: 1561

Freq: 1575

Freq: 1602



YZ-PLANE

Freq: 1561

Freq: 1575

Freq: 1602