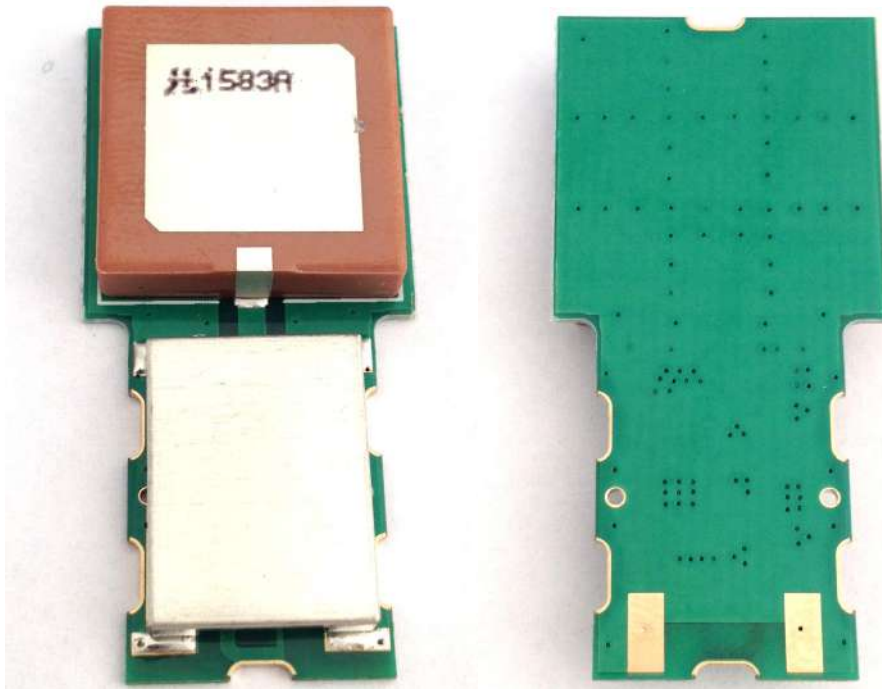
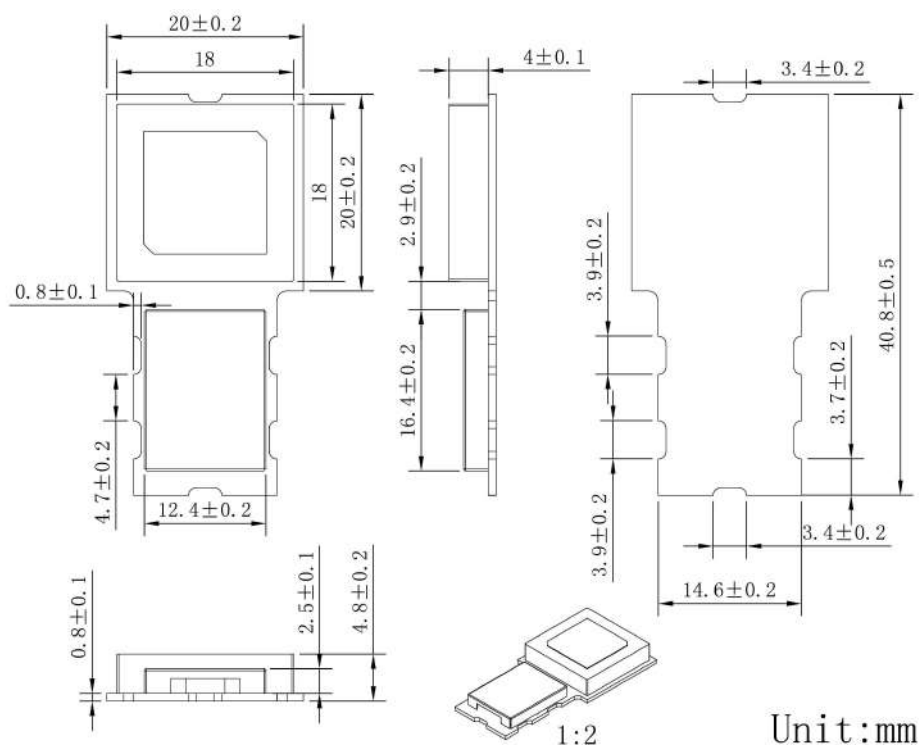


GPS Internal Active Antenna

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DIMENSIONS





Jinchang Electron Global Service

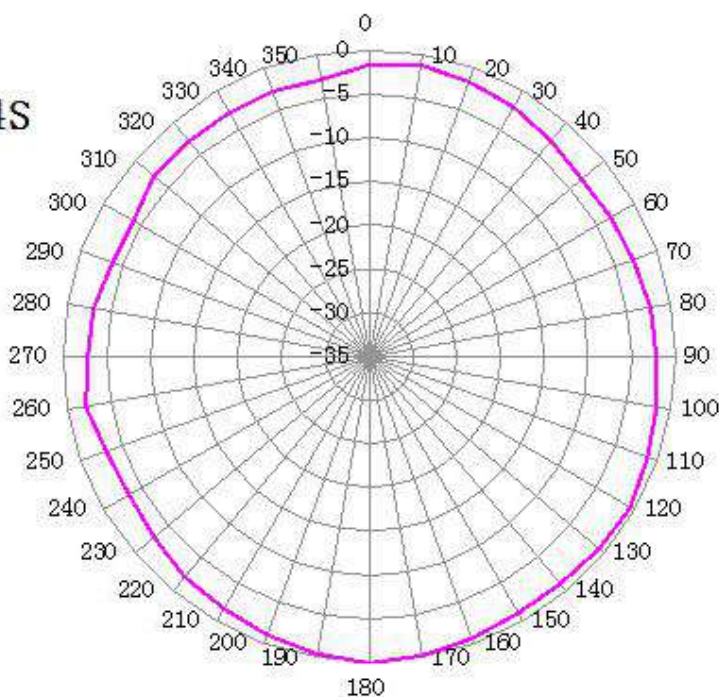
SPECIFICATIONS

Item		Specifications
Antenna	Center Frequency	1575.42 $\pm$ 3MHz
	Band Width	CF $\pm$ 5MHz
	Polarization	RHCP
	Gain	1.5dBic (Zenith)
	V.S.W.R	<2.0
	Impedance	50 Ω
	Axial Ratio	4dB (Typ.)
LNA	Gain	26 $\pm$ 2dB
	Noise Figure	<2.0dB
	Supply Voltage	2.7~3.3V DC
	Current Consumption	<14mA@3.3V
	V.S.W.R	<2.0
Mechanical	PCB Material	FR4
	Mounting Method	Soldering
Environmental	Operating Temperature	-40 $^{\circ}$ C~+85 $^{\circ}$ C
	Relative Humidity	Up to 95%
	Vibration	10 to 55Hz with 1.5mm amplitude 1 hours
	Environmentally Friendly	ROHS Compliant

Radiation Pattern

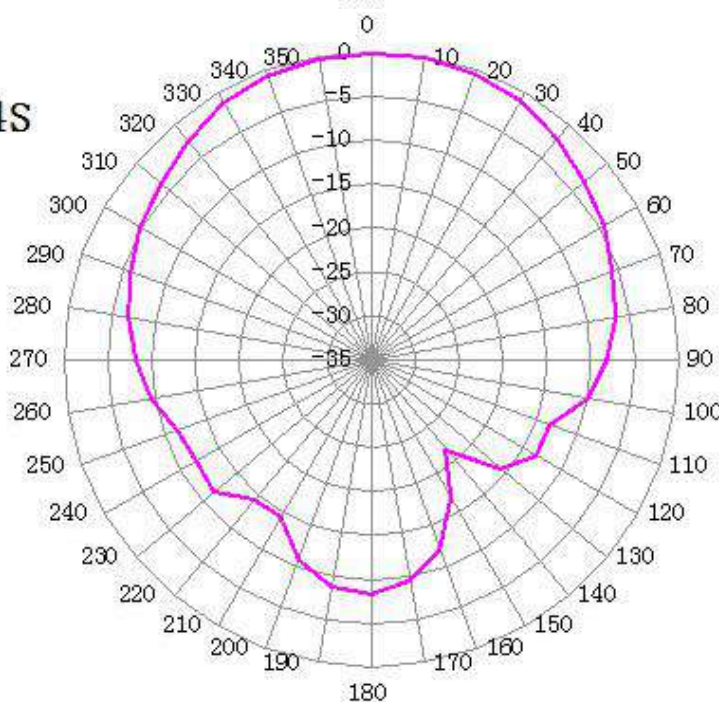
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XY PLANE



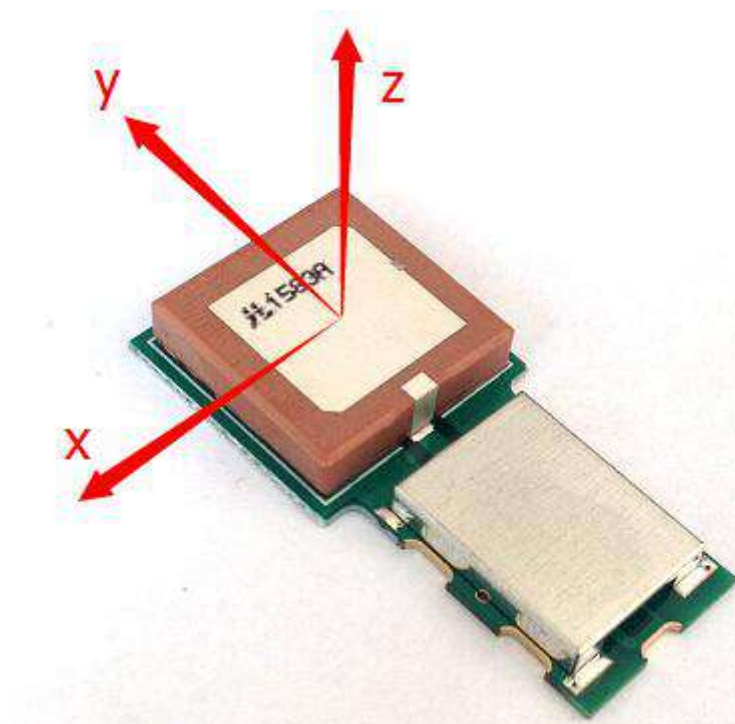
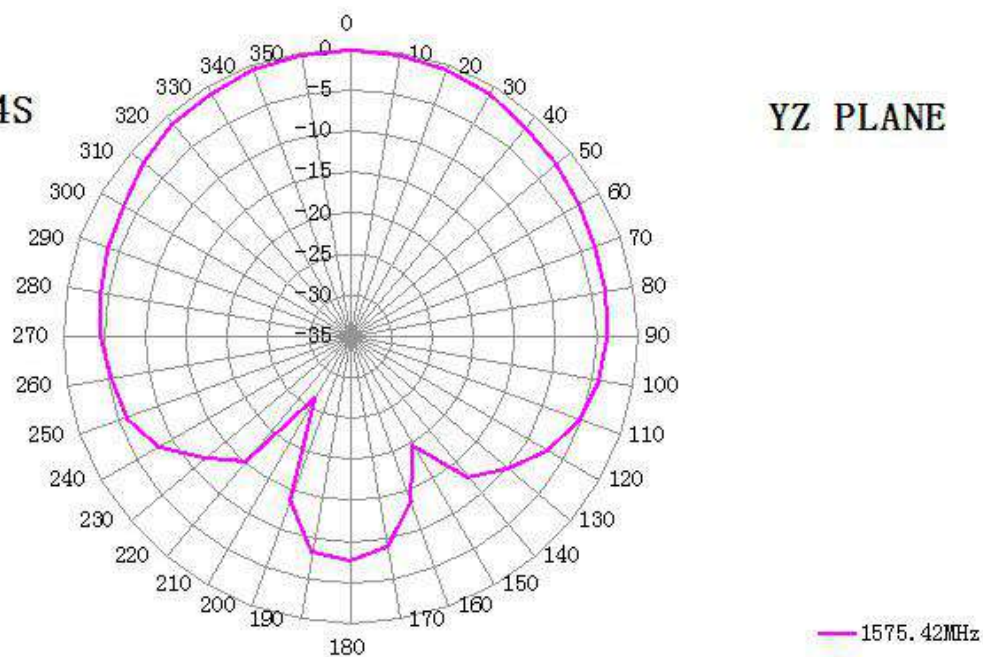
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XZ PLANE

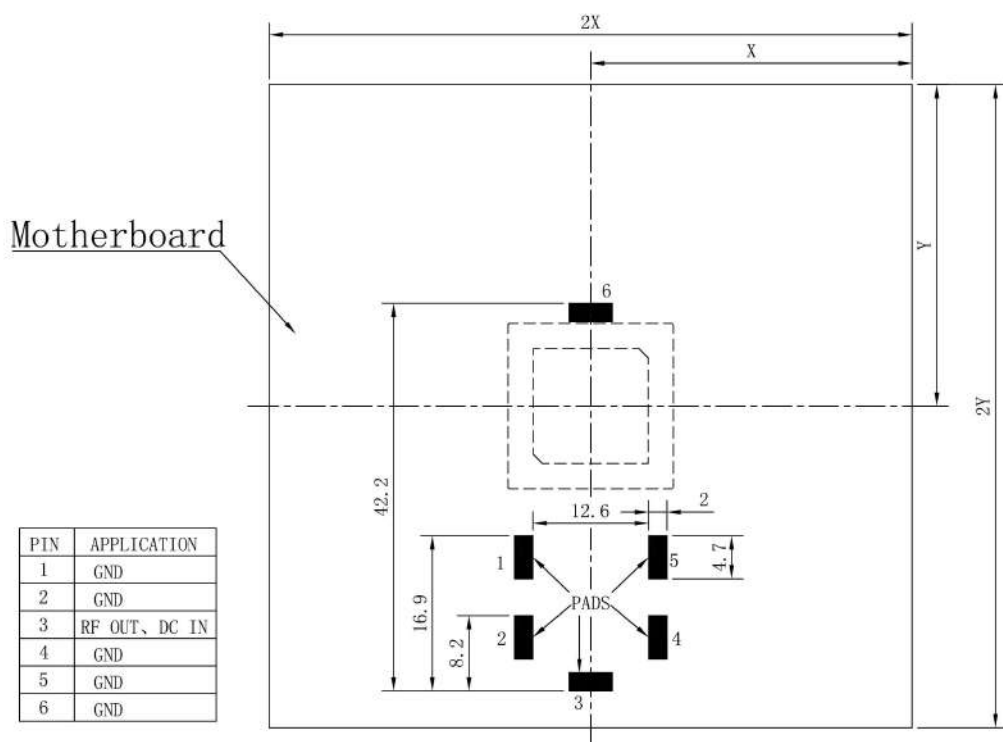


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YZ PLANE



Recommended Pads



Suggest $X, Y \geq 35\text{mm}$

Unit:mm