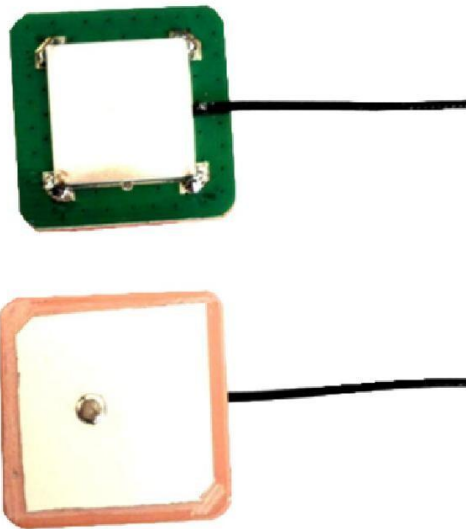
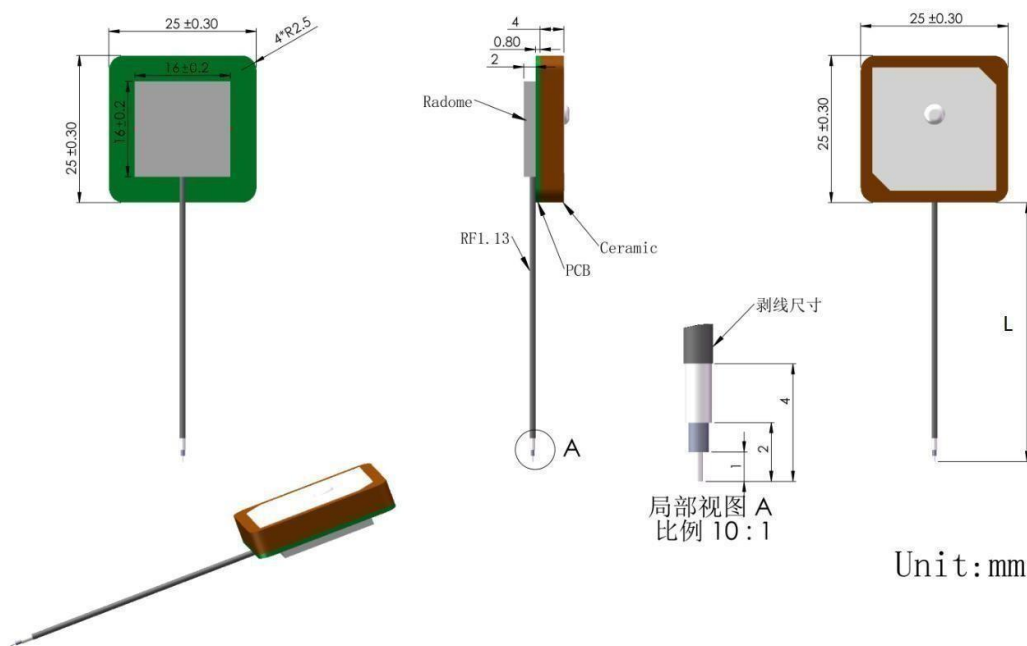


# GPS Internal Active Antenna JCN537



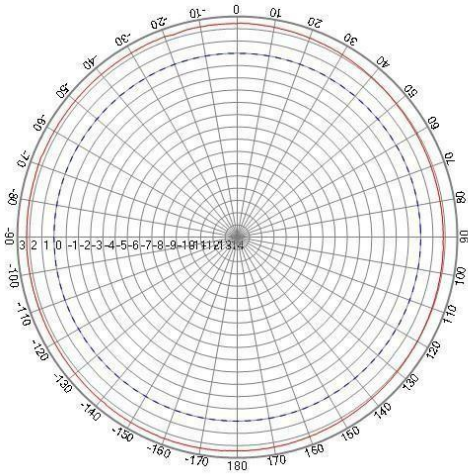
## DIMENSIONS



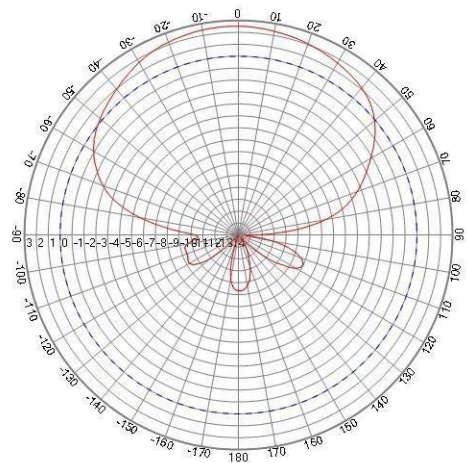
**SPECIFICATIONS**

Item		Specifications
Antenna	Frequency Range	1575.42MHz
	Polarization	RHCP
	Gain	0dBic (Zenith)
	V.S.W.R	<1.5
	Impedance	50Ω
	Dimension	25*25*4mm
LNA	Gain	20±2dB
	Noise Figure	≤1.5dB
	Supply Voltage	2~3.6V DC
	Current Consumption	≤5mA
	V.S.W.R	<2.0
Mechanical	Cable	RF1.13 or others
	Connector	IPEX
	Mounting Method	Embedded
Environmental	Operating Temperature	-40°C~+85°C
	Relative Humidity	Up to 75%
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

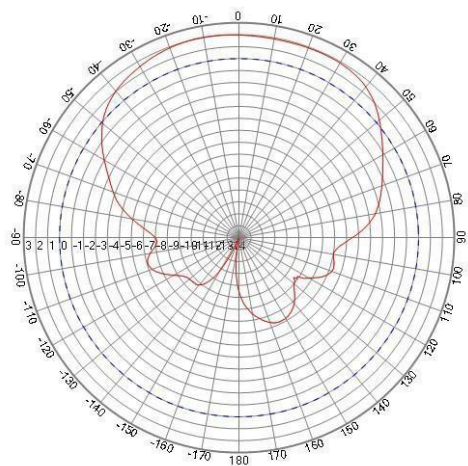
**RADIATION PATTERN**



Freq: 1575  
Polarize: 右旋  
ComGain: 2.49



Freq: 1575  
Polarize: 右旋  
ComGain: 2.52



Freq: 1575  
Polarize: 右旋  
ComGain: 2.04