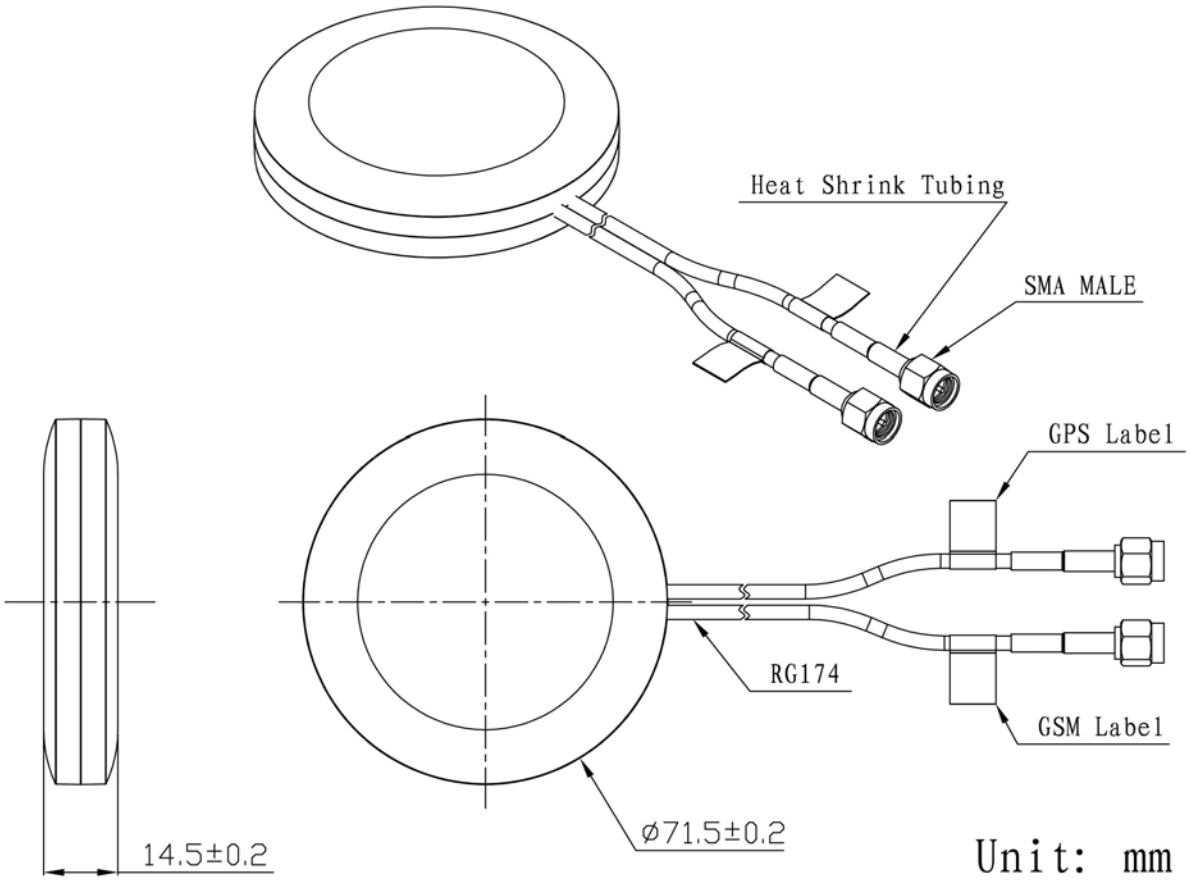
Jinchang Electron Global Service

GPS+GSM Combination Antenna

JCB011C

DIMENSIONS



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SPECIFICATIONS

Item			Specifications
GPS Antenna	Dielectric Antenna	Center Frequency	1575.42±1MHz
		Band Width	CF±5MHz
		Polarization	RHCP
		Gain	5dBic（Zenith）
		V.S.W.R	＜1.5
		Impendance	50Ω
		Axial Ratio	3dB（max）
	LNA	Gain	28±2dBi
		Noise Figure	＜1.5
		Ex-band Attenuation	12dB@CF+50MHz/16dB@CF-50MHz
		V.S.W.R	＜2.0
		Supply Voltage	2.2~5V DC
		Current Consumption	5~15mA
GSM Antenna		Frequency Range	824~960MHz/1710~2170MHz
		V.S.W.R（min）	＜2.5
		Polarization	Linear
		Gain	2dBi
		Impendance	50Ω
Mechanical		Cable	RG174
		Connector	SMA/MCX/FAKRA or others
		Radome Material	ABS
		Mounting Method	Magnet
Environmental		Operating Temperature	-40℃~+85℃
		Relative Humidity	Up to 95%
		Vibration	10 to 55Hz with 1.5mm amplitude 2hours
		Environmentally Friendly	ROHS Compliant

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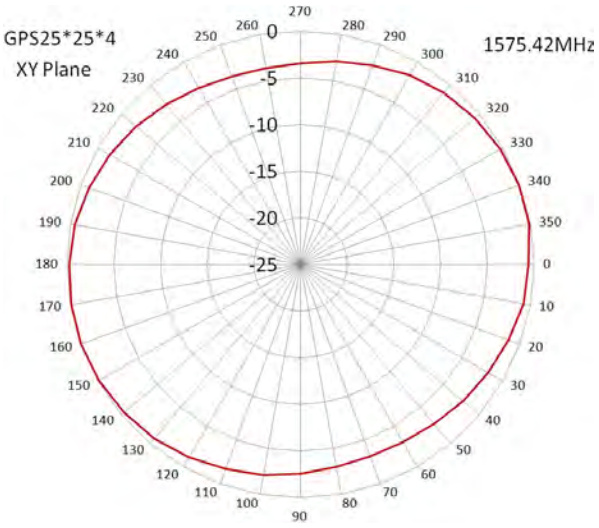
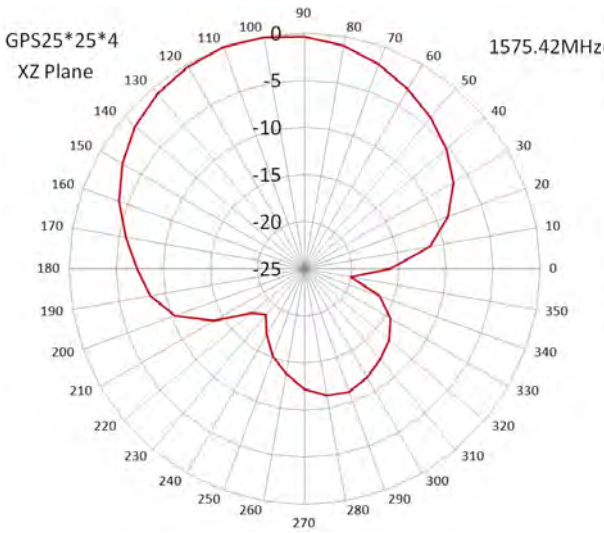
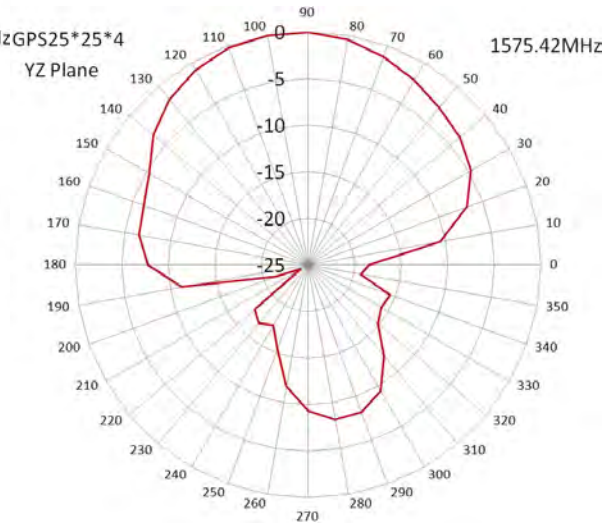
Radication Pattern

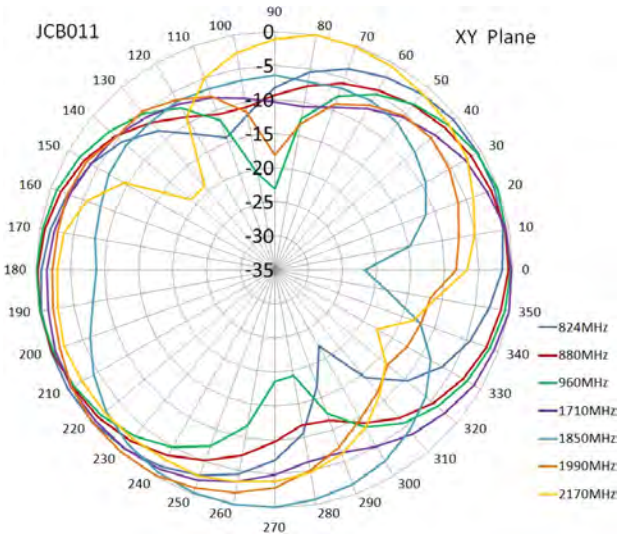
GPS Antenna







GSM Antenna



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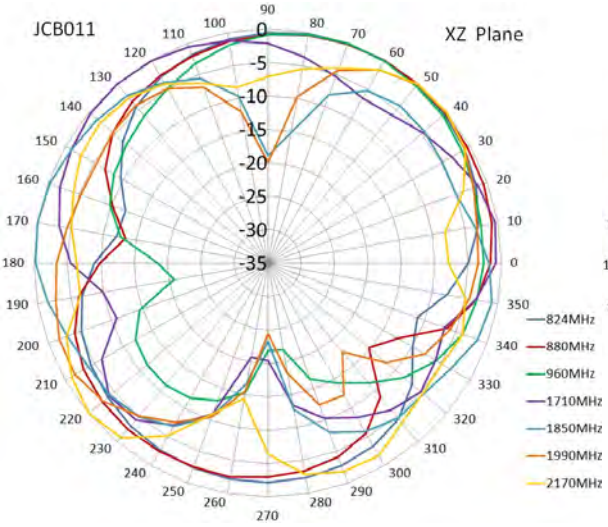

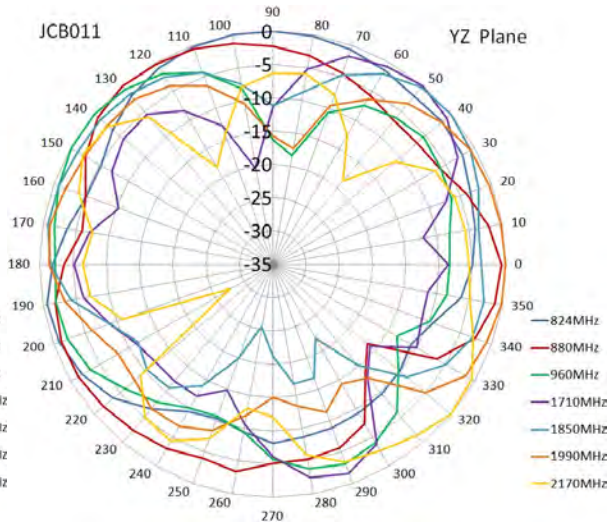

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