

# GPS+GSM Combination Antenna **JCB301**



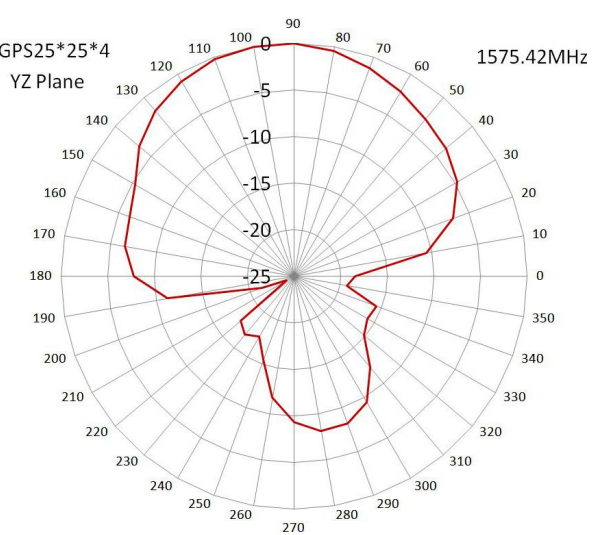
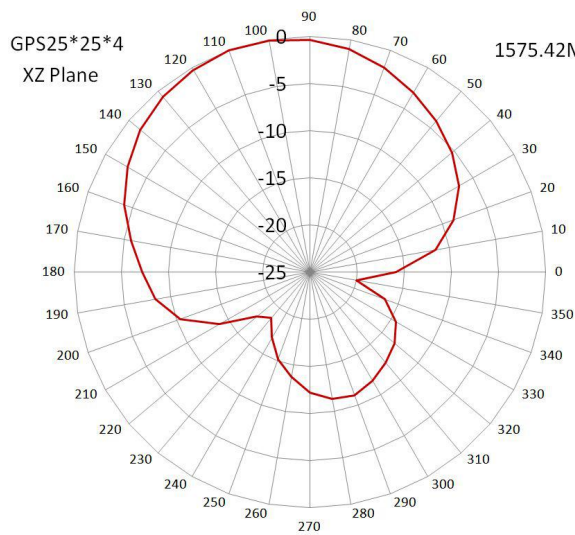
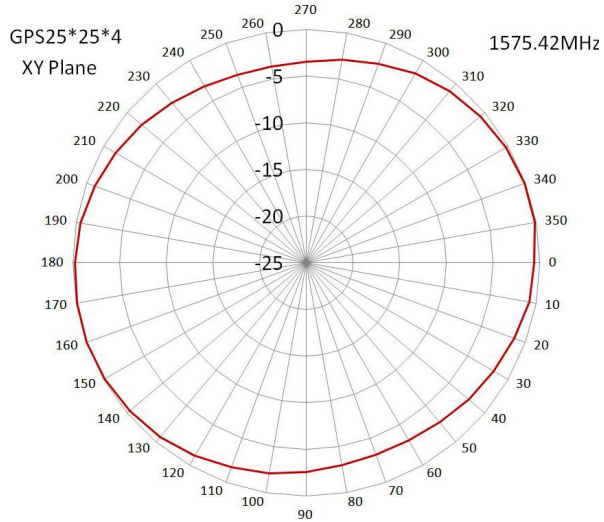
## **DIMENSIONS**

**SPECIFICATIONS**

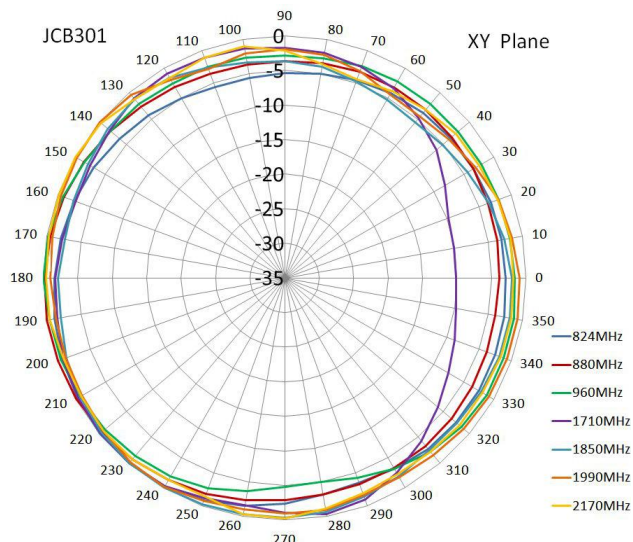
Item		Specifications	
GPS Antenna	Dielectric Antenna	Center Frequency	1575.42±3MHz
		Band Width	CF±5MHz
		Polarization	RHCP
		Gain	5dBic (Zenith)
		V.S.W.R	<1.5
		Impedance	50Ω
		Axial Ratio	3dB (max)
	LNA	Gain	28±2dB
		Noise Figure	<1.5dB
		Ex-band Attenuation	12dB@CF+50MHz/16dB@CF-50MHz
		V.S.W.R	<2.0
		Supply Voltage	2.2~5V DC
	Current Consumption	5~15mA	
GSM Antenna	Frequency Range	824~960MHz/1710~2170MHz	
	V.S.W.R	<2.0	
	Polarization	Linear	
	Gain	2.5dBi	
	Impedance	50Ω	
Mechanical	Cable	RG174	
	Connector	SMA/MCX/FAKRA or others	
	Radome Material	ULTEM2300 or VALOX V3900	
	Mounting Method	Screw	
Environmental	Operating Temperature	-40℃~+85℃	
	Relative Humidity	Up to 95%	
	Ingress Protection	IP67	
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours	
	Environmentally Friendly	ROHS Compliant	

**Radiation Pattern**

GPS Antenna



GSM Antenna



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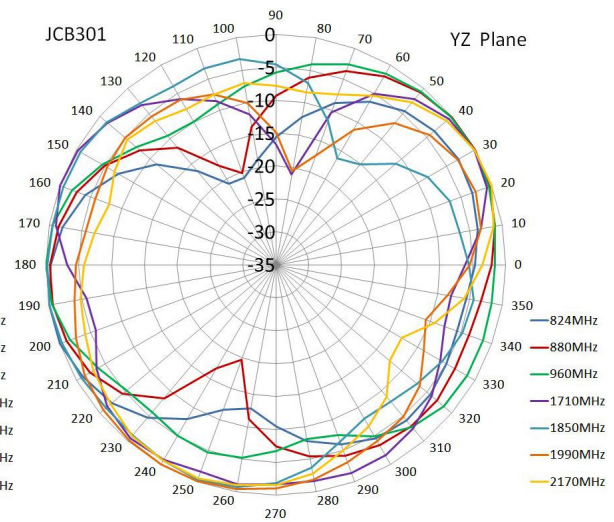
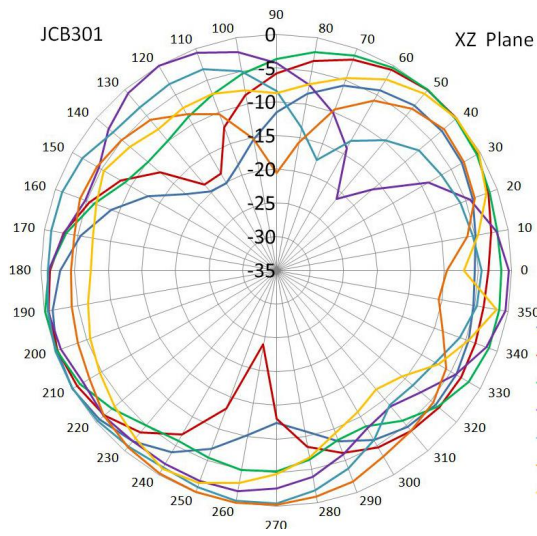
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