



TOP ELECTRONIC INDUSTRY CO., LTD.

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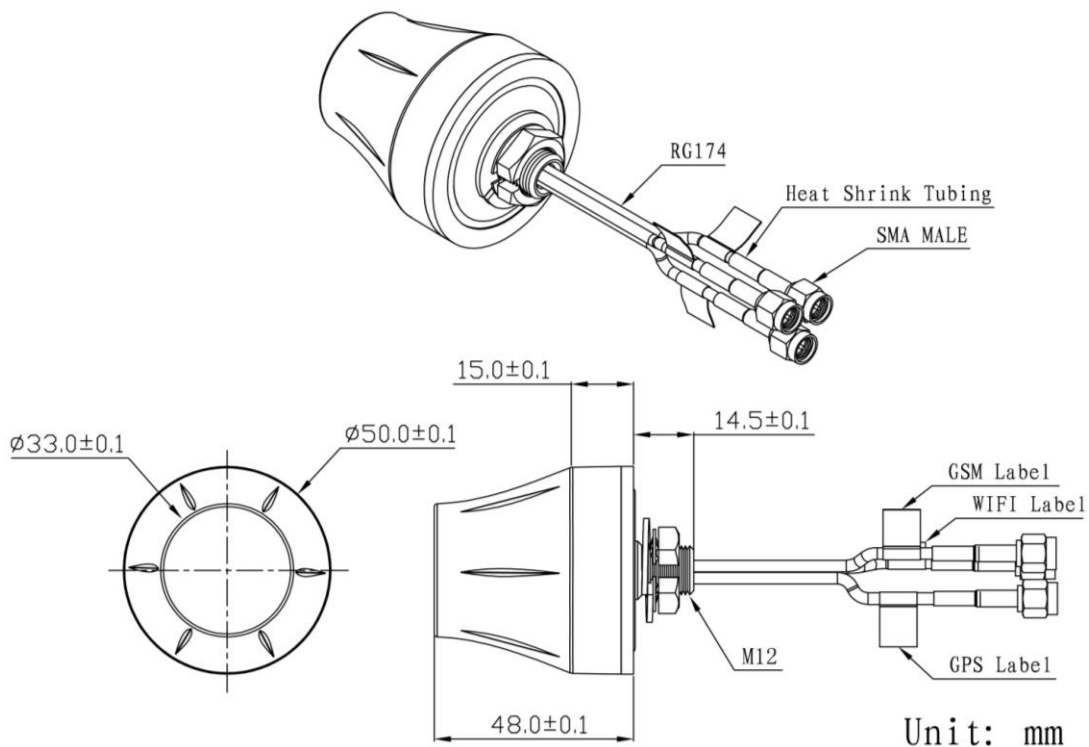
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GPS+GSM+WIFI Combination Antenna

TOP-GGW03



DIMENSIONS



TOP ELECTRONIC INDUSTRY CO.,LTD

Rm407 27th Bldg,Nanhua Zone,Huaqiang South,Futian Dist,SZ,GD,China

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SPECIFICATIONS

Item		Specifications	
GPS Antenna	Dielectric Antenna	Center Frequency	1575.42±1MHz
		Band Width	CF±5MHz
		Polarization	RHCP
		Gain	2dBic (Zenith)
		V.S.W.R	<1.5
		Impedance	50Ω
		Axial Ratio	3dB (max)
	LNA	Gain	28±2dB
		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	<2.0	
	Polarization	Linear	
	Gain	2.0dBi	
	Impedance	50Ω	
WIFI Antenna	Frequency Range	2400~2483.5MHz	
	Band Width	83.5MHz	
	Polarization	Linear	
	Gain	3dBi	
	V.S.W.R	<2.0	
	Impedance	50Ω	
Mechanical	Cable	RG174	
	Connector	SMA/MCX/FAKRA or others	
	Material	ABS	

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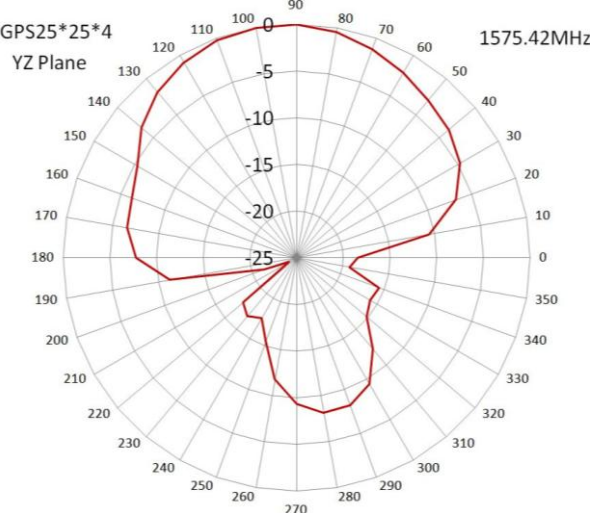
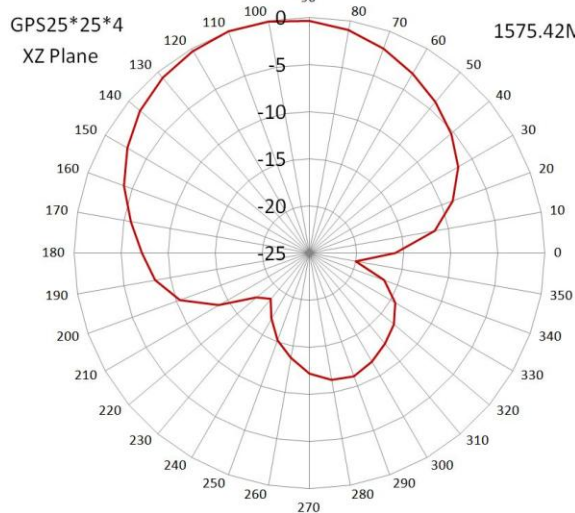
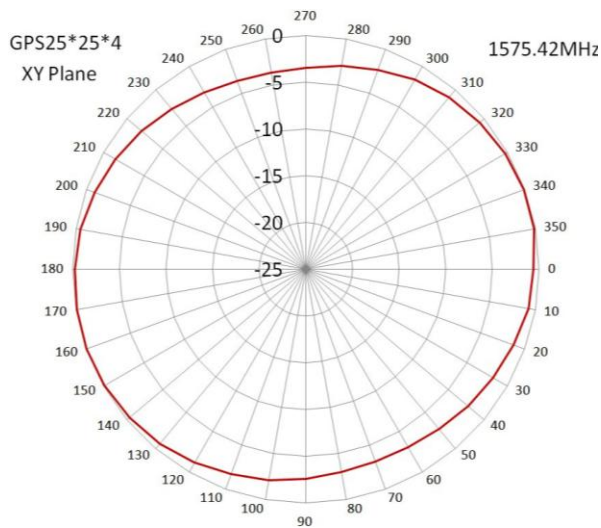
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	Mounting Method	Screw
Environmental	Operating Temperature	-40°C ~ +85°C
	Relative Humidity	Up to 95%
	Ingress Protection	IP67 (exclude cable outlet)
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

Radiation Pattern

GPS Antenna



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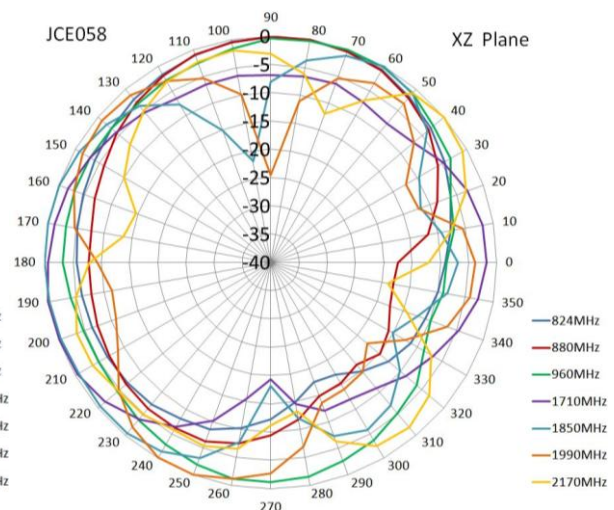
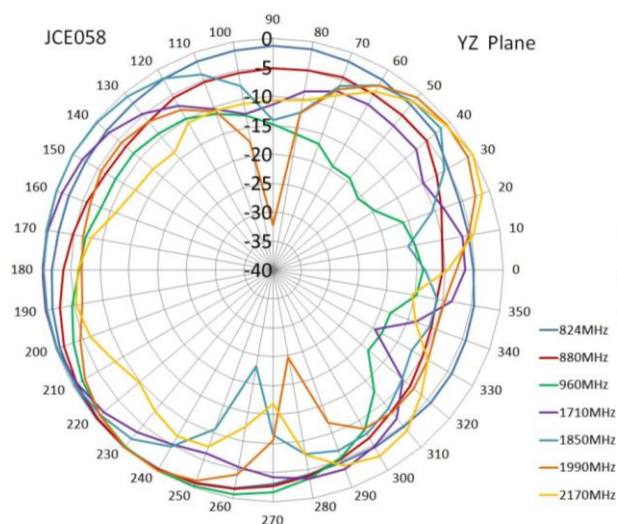
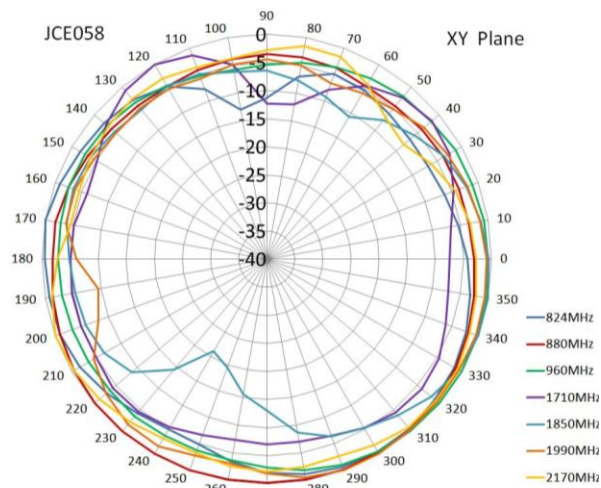


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GSM Antenna



WIFI Antenna

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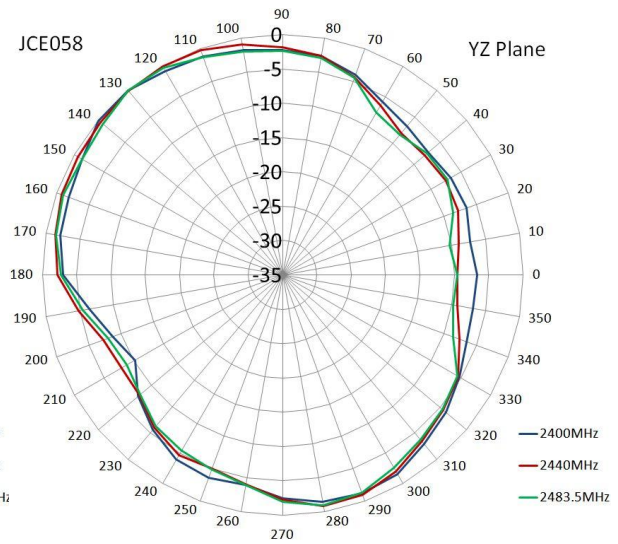
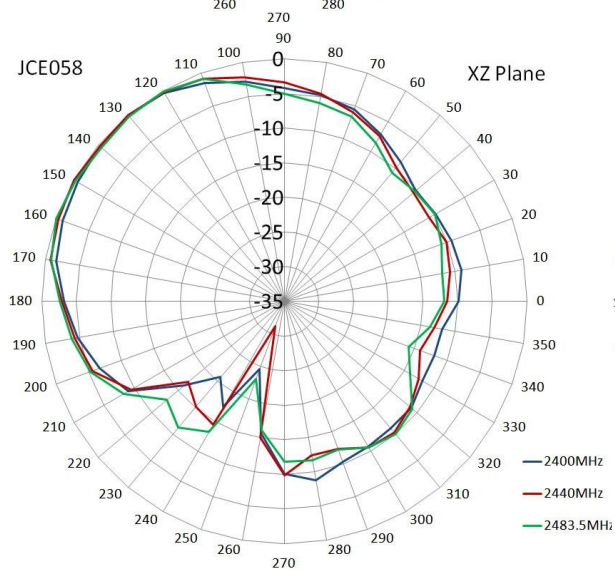
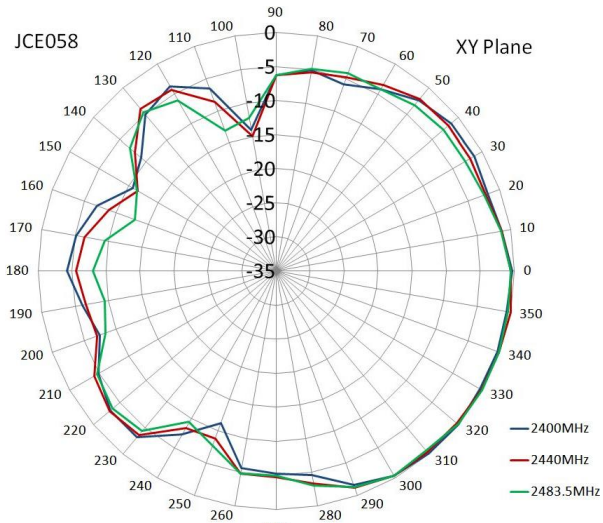
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