



TOP ELECTRONIC INDUSTRY CO., LTD.

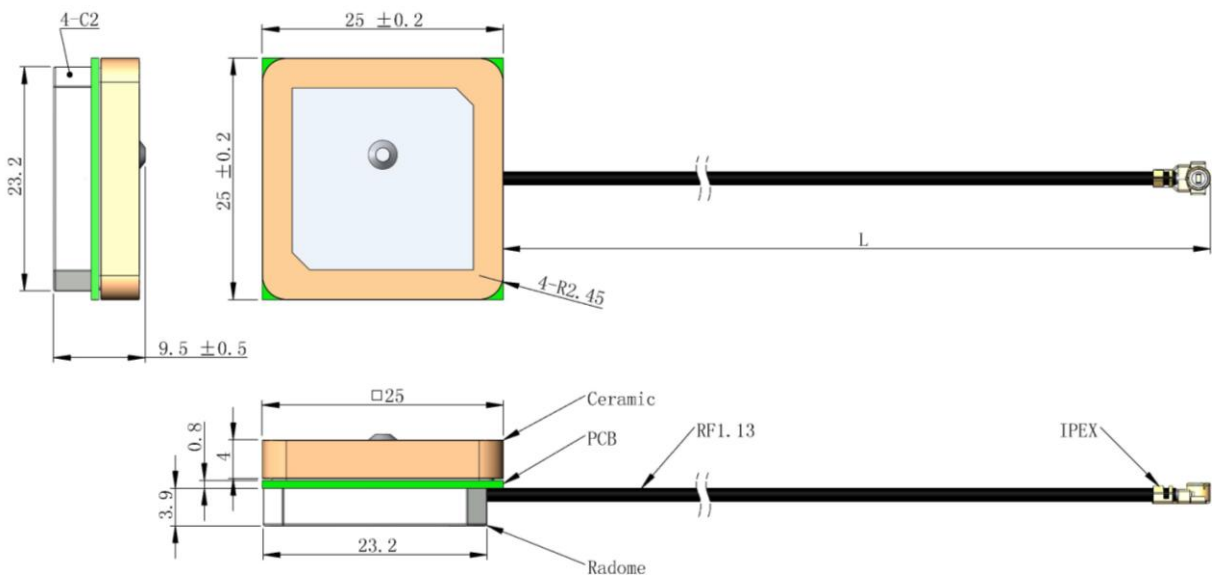
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GPS Internal Active Antenna

TOP-GPS-AI05



DIMENSIONS



UNIT: mm

TOP ELECTRONIC INDUSTRY CO.,LTD

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

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SPECIFICATIONS

Item		Specifications
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)
	Dimension	25*25*4mm
LNA	Gain	28 ± 2dB
	Noise Figure	< 1.5
	Filter Insertion Loss	< 3dB
	Ex-band Attenuation	12dB @ CF+50MHz / 16dB @ CF-50MHz
	Supply Voltage	2.2~5V DC
	Current Consumption	5~15mA
	V.S.W.R	< 2.0
Mechanical	Cable	RF1.13 or others
	Connector	IPEX or others
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

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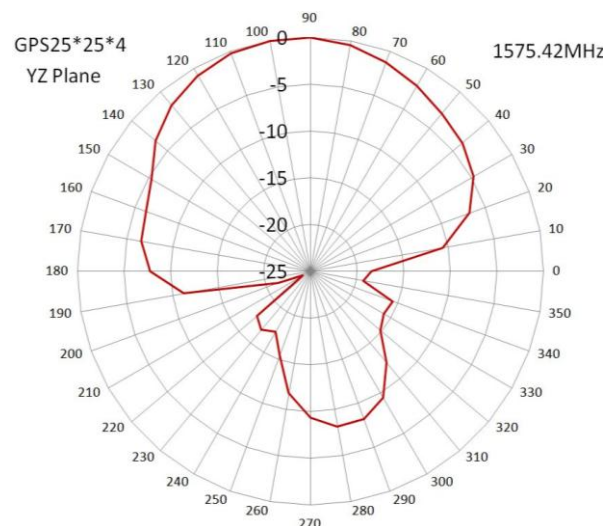
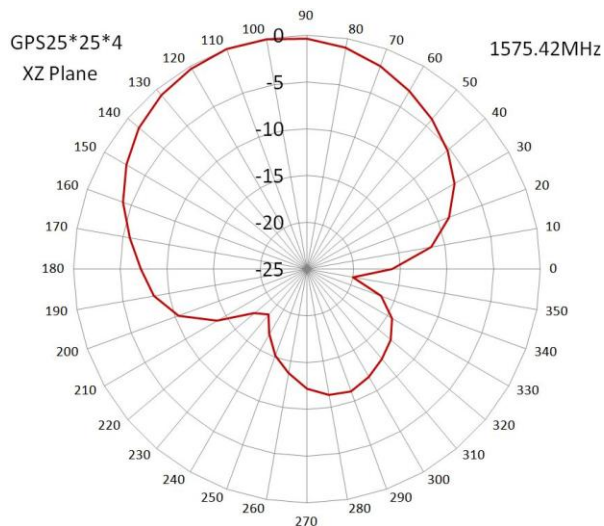
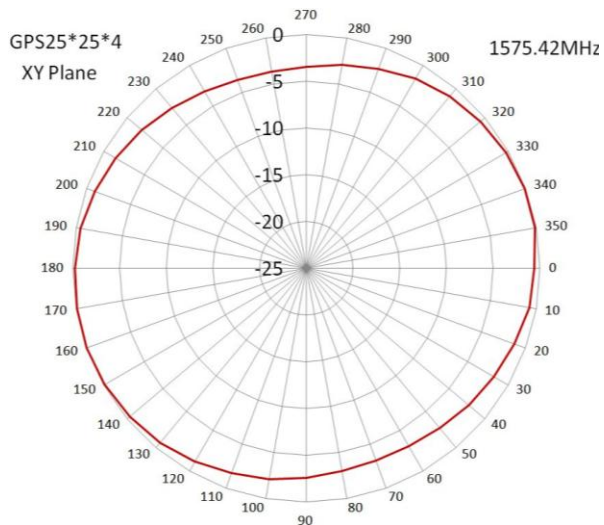


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Radiation Pattern



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