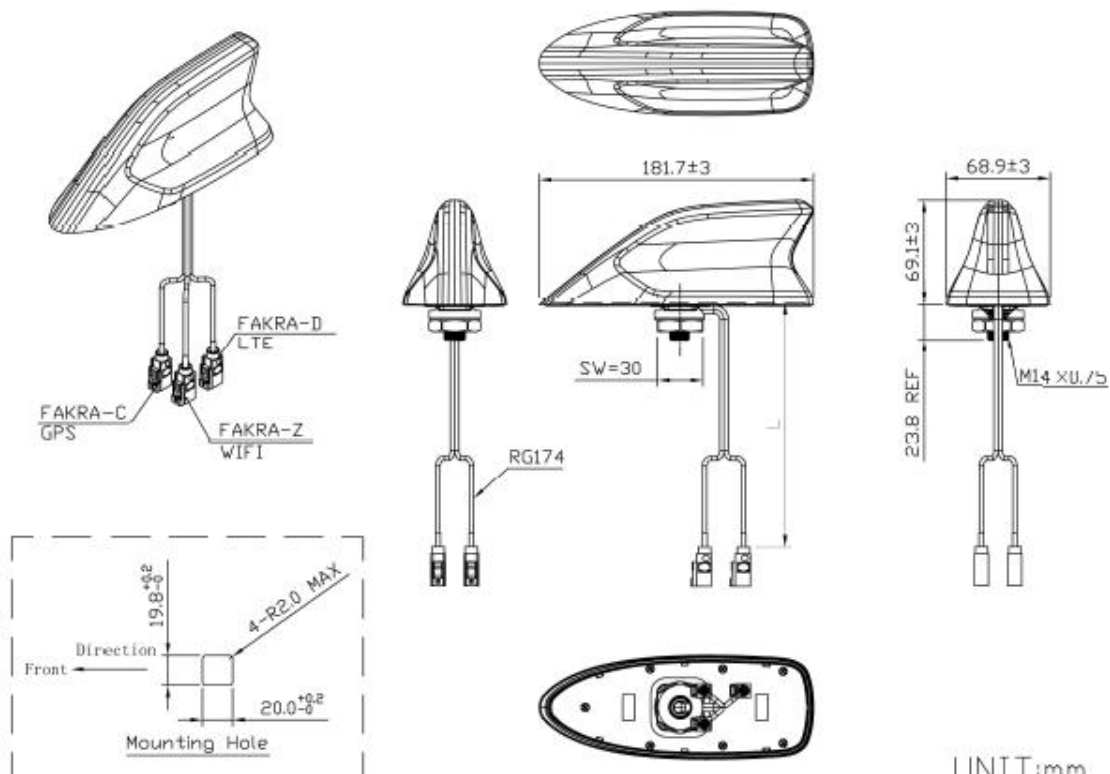


Maswell 3 Combo antenna Shark Fin Shapet

AN_GPS_LTE_WF_072



Mechanical dimension



UNIT:mm

Maswell 3 Combo antenna Shark Fin Shapet

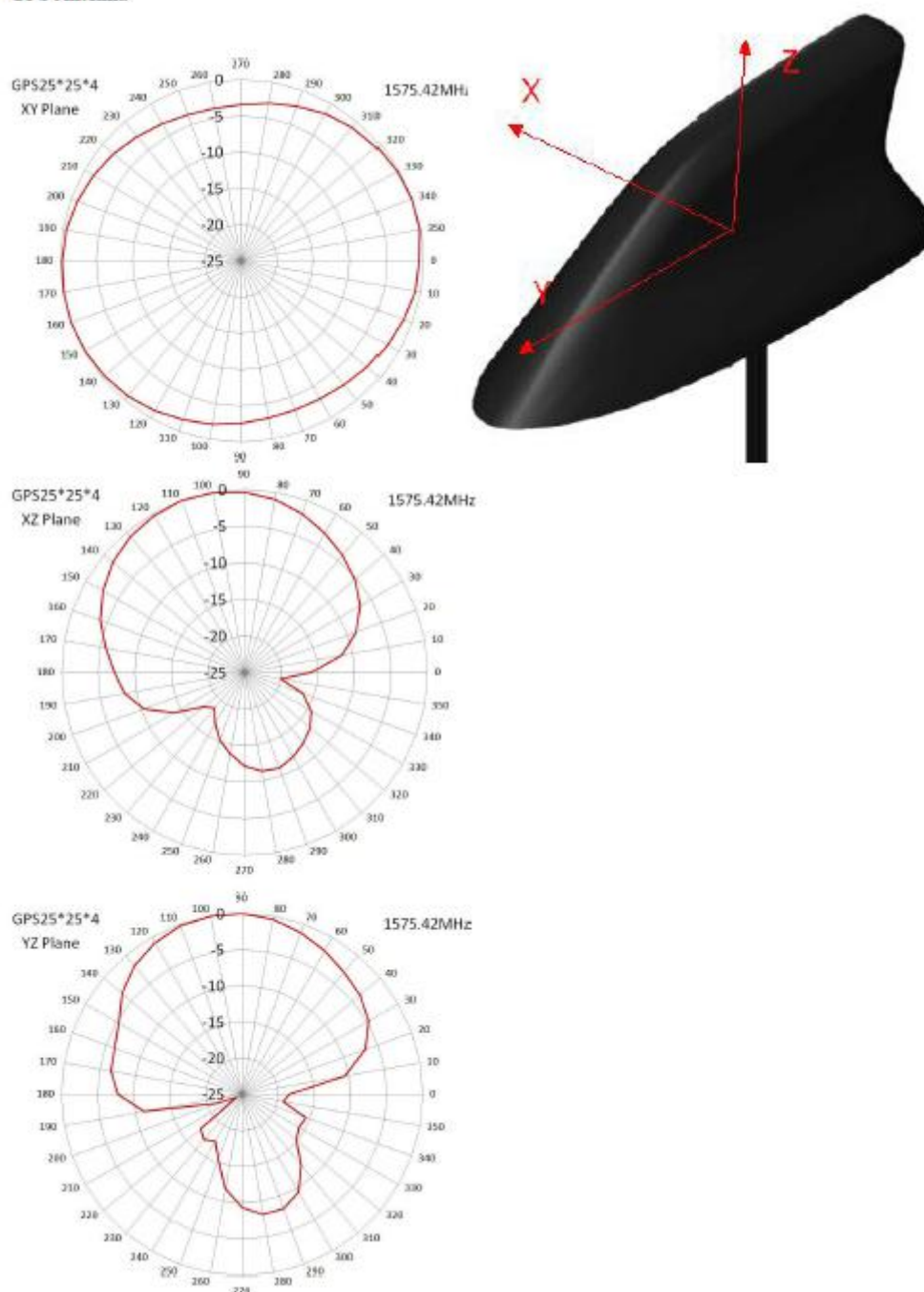
Specifications

Item			Specifications
GPS Antenna	Dielectric Antenna	Center Frequency	1575.42±3MHz
		Polarization	RHCP
		Gain	2dBic（Zenith）
		V.S.W.R	<1.5
		Impedance	50Ω
	LNA	Gain	28±2dB
		Noise Figure	<2.0dB
		V.S.W.R	<2.0
		Supply Voltage	3~5V DC
		Current Consumption	< 15mA
LTE Antenna		Frequency Range	698~960/MHz/1710~2690MHz
		V.S.W.R	<3.0
		Polarization	Linear
		Gain	3.5dBi(Zenith)
		Impedance	50Ω
WIFI Antenna		Frequency Range	2400~2483.5MHz
		Polarization	Linear
		Gain	3.0dBi(Zenith)
		V.S.W.R	<2.0
		Impedance	50Ω
Mechanical		Cable	RG174
		Connector	FAKRA or others
		Mounting Method	Screw
Environmental		Operating Temperature	-40℃~+85℃
		Relative Humidity	Up to 95%
		Ingress Protection	IP67 (exclude cable outlet)
		Vibration	10 to 1000Hz G=28.7m/s²
		Environmentally Friendly	ROHS Compliant

Maswell 3 Combo antenna Shark Fin Shaped Radiation Patterns

GPS Antenna

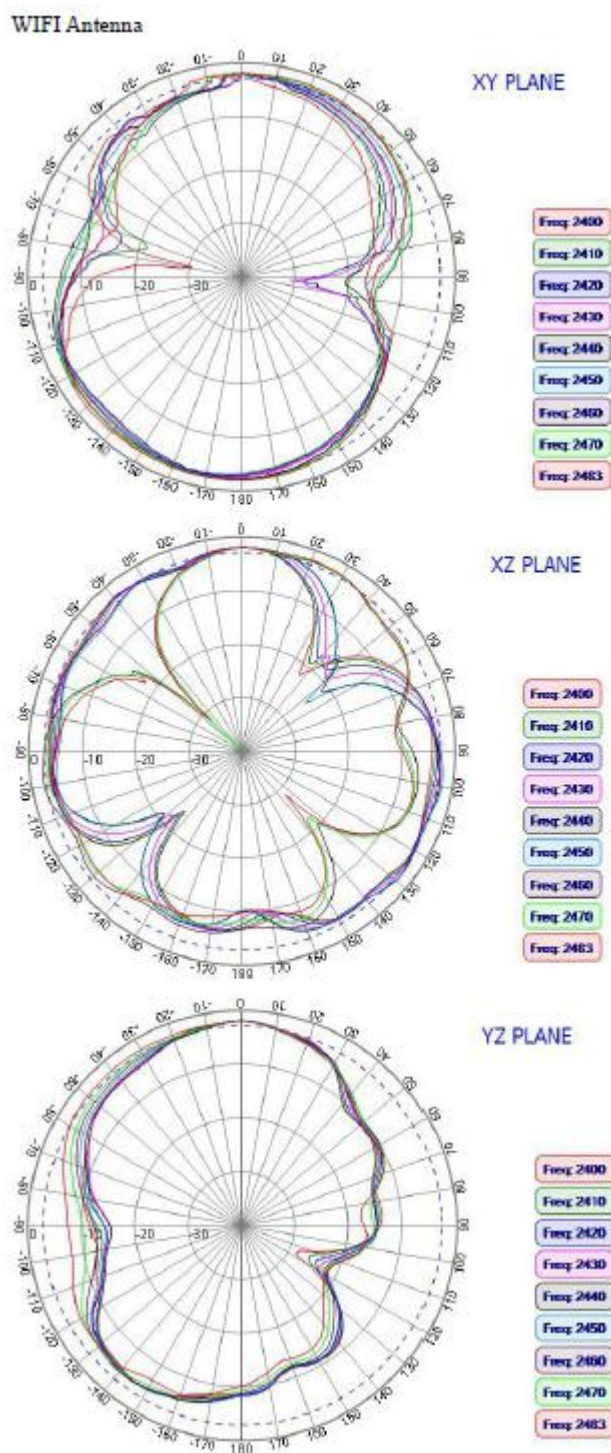
GPS Antenna



Maswell 3 Combo antenna Shark Fin Shapet

Radiation Patterns

WIFI Antenna



Maswell 3 Combo antenna Shark Fin Shapet

Radiation Patterns

LTE Antenna

