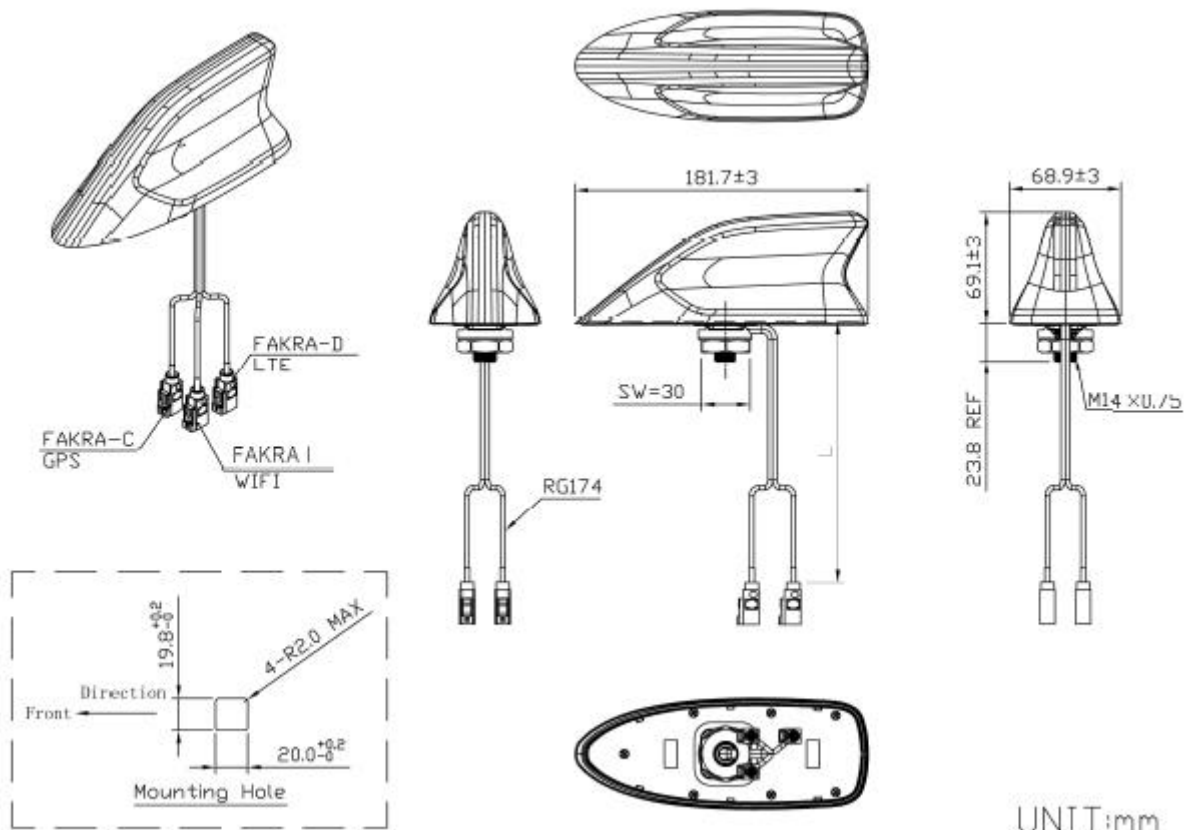


Maswell 3 In 1 Combo antenna Shark Fin Shape FAKRA Connector 4G LTE, GNSS and WiFi/Bluetooth

AN_GNSS_LTE_WF_072-FAKRA



Mechanical dimension



UNIT:mm

Maswell 3 In 1 Combo Antenna Shark Fin Shape FAKRA Connector 4G LTE, GNSS and WiFi /Bluetooth Specifications

Item			Specifications
GNSS Antenna	Dielectric Antenna	Center Frequency	1561.098MHz-1602MHz GPS/GLONASS/GAILEO/BEIDOU
		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
4G LTE Antenna		Frequency Range	698~960/MHz/1710~2690MHz
		V.S.W.R	<3.0
		Polarization	Linear
		Gain	3.5dBi(Zenith)
		Impedance	50Ω
WIFI/Bluetooth Antenna		Frequency Range	2400~2483.5MHz
		Polarization	Linear
		Gain	3.0dBi(Zenith)
		V.S.W.R	<2.0
		Impedance	50Ω
Mechanical		Cable	RG174
		Connector	GNSS: Fakra C, 4G :FAKRA D, WIFI/BT: FAKRA I
		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

Suzhou maswell communication technology co. Ltd

Add: Floor 3, Building 6, No. 88 Zhenbei Road, High-tech District, Suzhou 215153, Jiangsu, China
 Http ://www.maswelltech.com E-mail: Sales@maswelltech.com

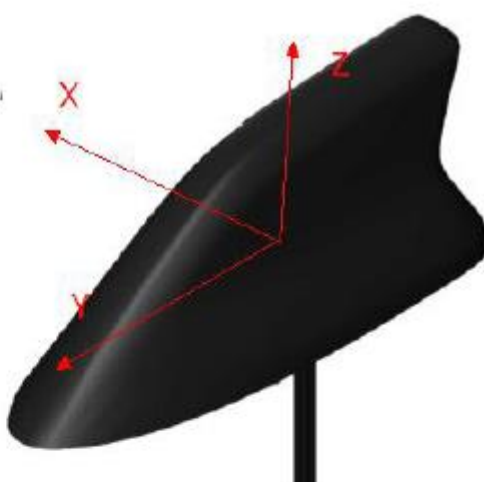
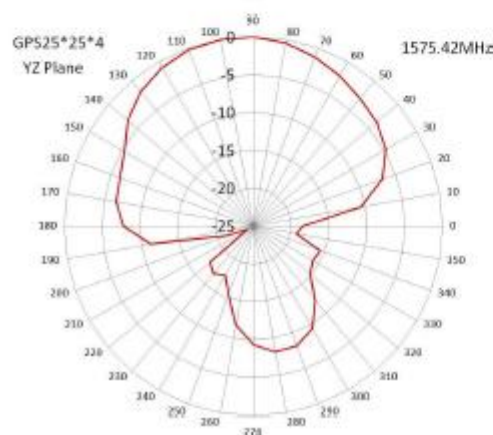
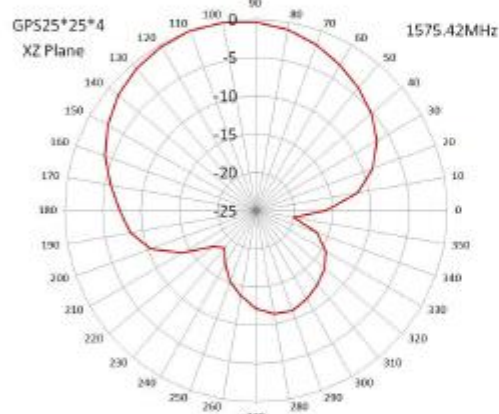
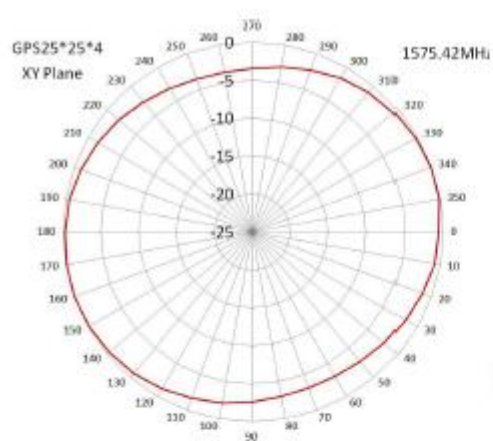
Maswell 3 In 1 Combo Antenna Shark Fin Shape FAKRA Connector 4G LTE, GNSS and WiFi /Bluetooth

AN_GNSS_LTE_WF_072-FAKRA

Radiation Patterns

GPS Antenna

GPS Antenna



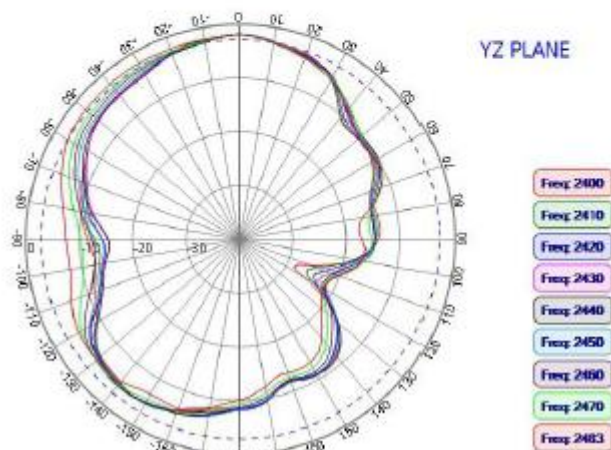
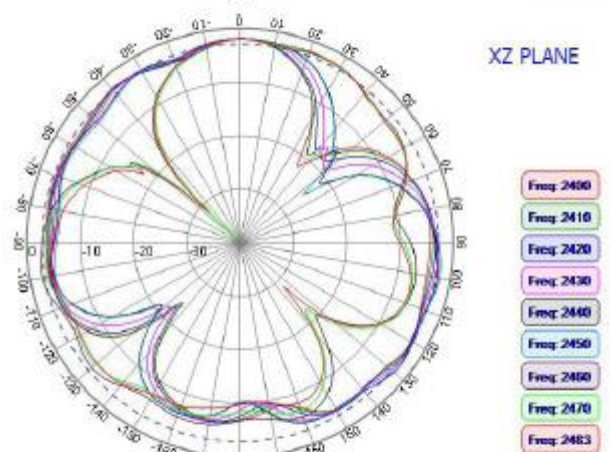
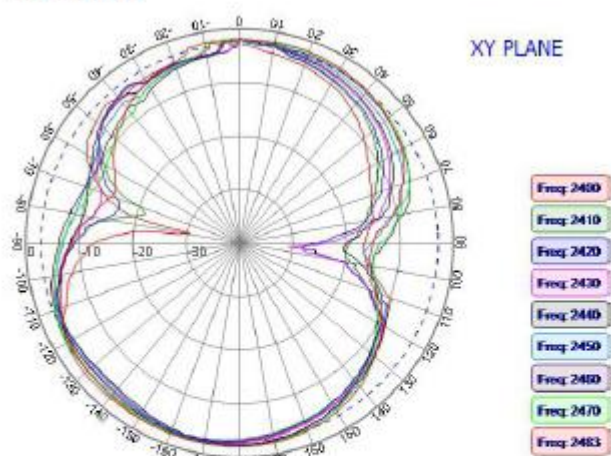
Maswell 3 In 1 Combo Antenna Shark Fin Shape FAKRA Connector 4G LTE, GNSS and WiFi /Bluetooth

AN_GNSS_LTE_WF_072-FAKRA

Radiation Patterns

WIFI/Bluetooth Antenna

WIFI Antenna



Maswell 3 In 1 Combo Antenna Shark Fin Shape FAKRA Connector 4G LTE, GNSS and WiFi /Bluetooth

AN_GNSS_LTE_WF_072-FAKRA

Radiation Patterns

4G LTE Antenna

LTE Antenna

