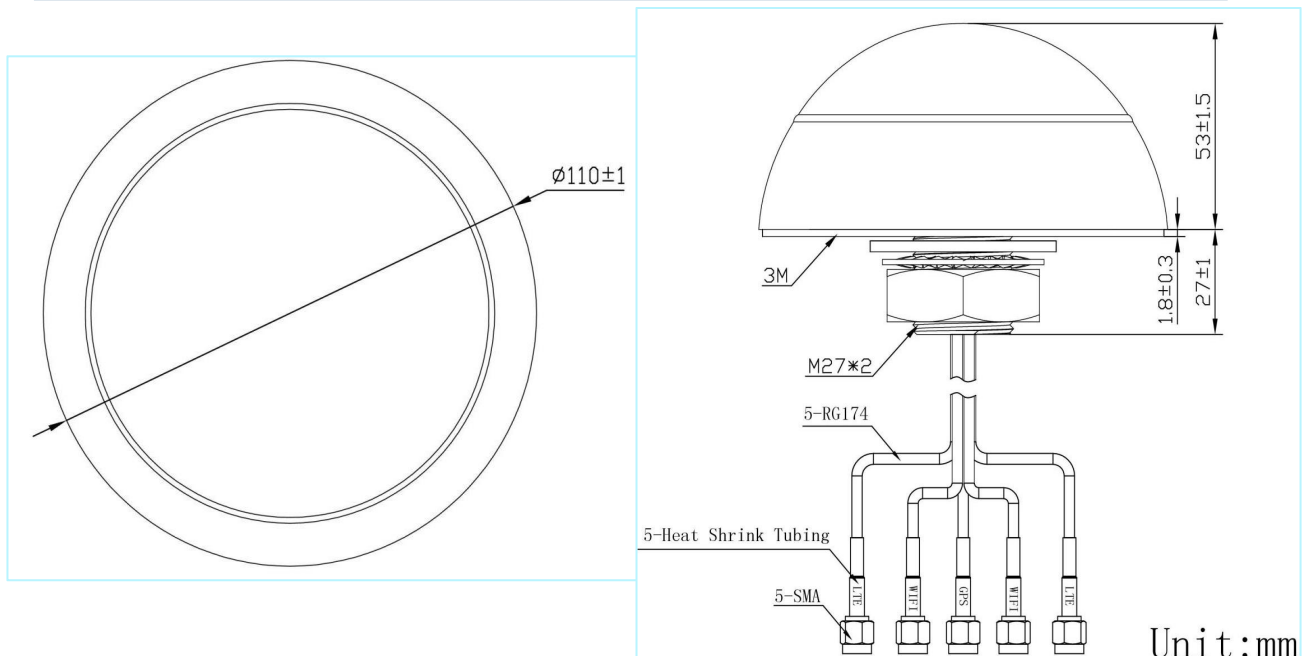


Maswell 5 in 1 Combo Antenna Screw Mount GPS/GLONASS+4G LTE 2x2 MIMO+WIFI 2x2 MIMO

AN_GPS_MIMO_WIFI_604



Mechanical dimension



Maswell 5 in 1 Combo Antenna Screw Mount GPS/GLONASS+4G LTE 2x2 MIMO+WIFI 2x2 MIMO

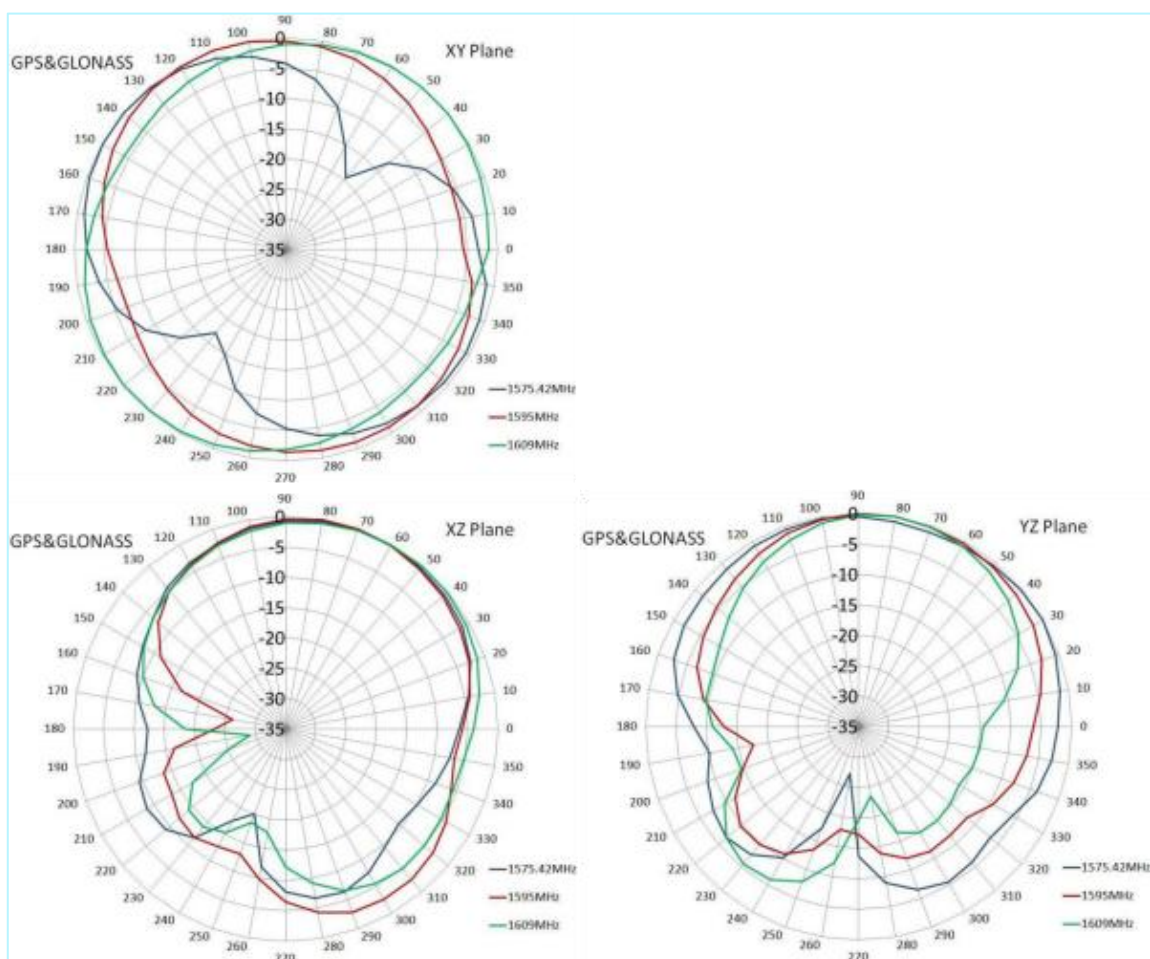
Specifications

Item	Specifications	
GPS&GLONASS Antenna	Frequency Range	1575.42~1610MHz
	Polarization	RHCP
	Impedance	50Ω
	Dimension	110*53mm
	Gain	28±2dB
	Noise Figure	≤1.5dB
	Supply Voltage	3~5V DC
	Current Consumption	<15mA
	V.S.W.R	<2.0
LTE Antenna 2x2 MIMO	Frequency Range	698~960MHz/1710~2690MHz
	V.S.W.R	<3.0
	Polarization	Linear
	Gain	3dBi
	Impedance	50Ω
WIFI Antenna 2x2 MIMO	Frequency Range	2400~2483.5MHz/4900~5825MHz
	V.S.W.R	<2.5
	Polarization	Linear
	Gain	2dBi
	Impedance	50Ω
Mechanical	Cable	5 meters
	Connector	SMA male for GPS,SMA male for GSM,RP-SMA plug for WiFi
	Radome Material	ABS
	Mounting Method	Screw
Environmental	Operating Temperature	-40℃~+85℃
	Relative Humidity	Up to 95%
	Ingress Protection	IP67(exclude cable outlet)
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

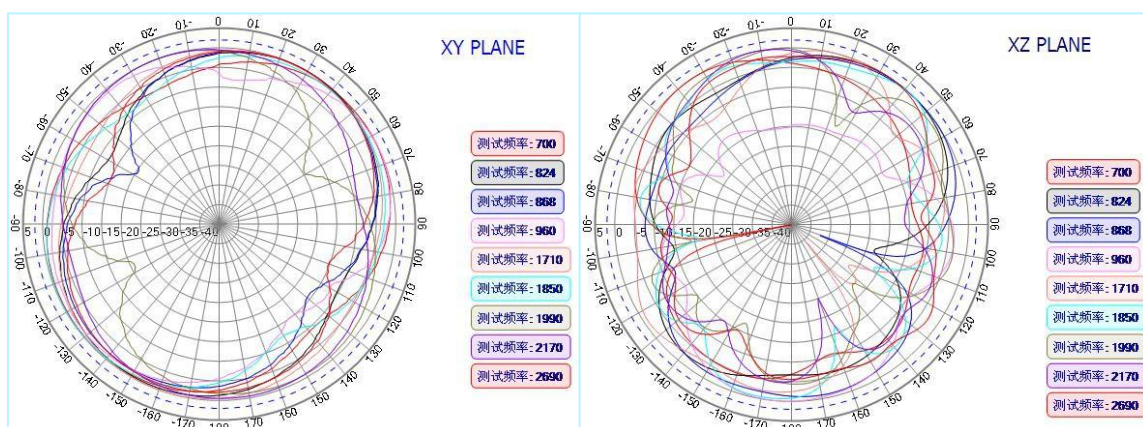
Maswell 5 in 1 Combo Antenna Screw Mount GPS/GLONASS+4G LTE 2x2 MIMO+WIFI 2x2 MIMO

Radiation Patterns

GPS Antenna



LTE Antenna



Maswell 5 in 1 Combo Antenna Screw Mount GPS/GLONASS+4G LTE 2x2 MIMO+WIFI 2x2 MIMO

Radiation Patterns

WIFI Antenna

