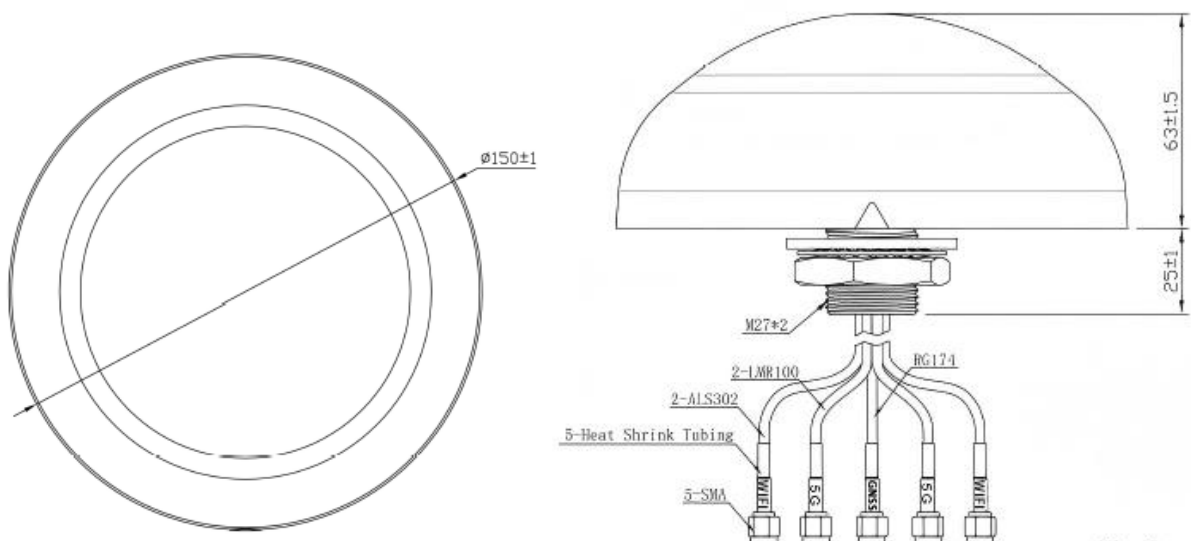


Maswell 5 in 1 Combo Antenna Screw Mount 2x2 5G MIMO, 2X2 MIMO WiFi 7 WiFi 6E and High-Precision GNSS

AN _Combo_607-2C2W1GN



Mechanical dimension



Unit:mm

Maswell 5 in 1 Combo Antenna Screw Mount 2x2 5G MIMO, 2X2 MIMO WiFi 7 WiFi 6E and High-Precision GNSS

AN _Combo_607-2C2W1GN

Specifications

Item	Specifications	
GPS&GLONASS Antenna	Frequency Range	GPS L1/L2L5 GLONASS G1/G2/G3 COMPASS B1B2/B3 Galileo E1L1/E2/E5a/E5/E6
	Polarization	RHCP
	Impedance	50Ω
	Gain	30±2dB
	Noise Figure	≤2.0dB
	Supply Voltage	3~12V DC
	Current Consumption	≤60mA
	V.S.W.R	<2.0
5G NR Antenna 2x2 MIMO	Frequency Range	617-960MHz/1710-5000MHz
	V.S.W.R	<3.0
	Polarization	Linear
	Gain	3dBi
	Impedance	50Ω
WiFi MIMOx2 Antenna	Frequency Range	2400-2483.51MHz/4900-5925MHz
	V.S.W.R	<2.0
	Polarization	Linear
	Peak Gain	3dBi
	Impedance	50Ω
Mechanical	Cable	LMR100*7, 2 meters
	Connector	SMA male for GPS, 5G RP SMA plug for WiFi
	Radome Material	PC
	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

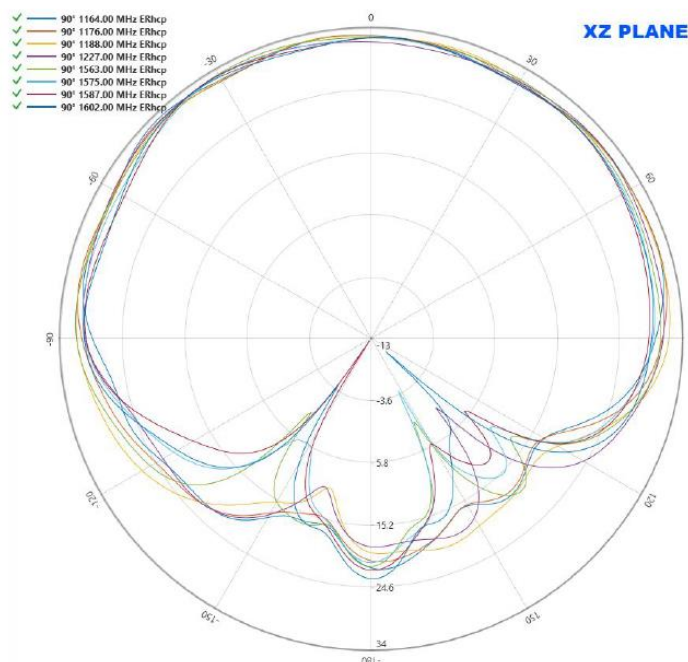
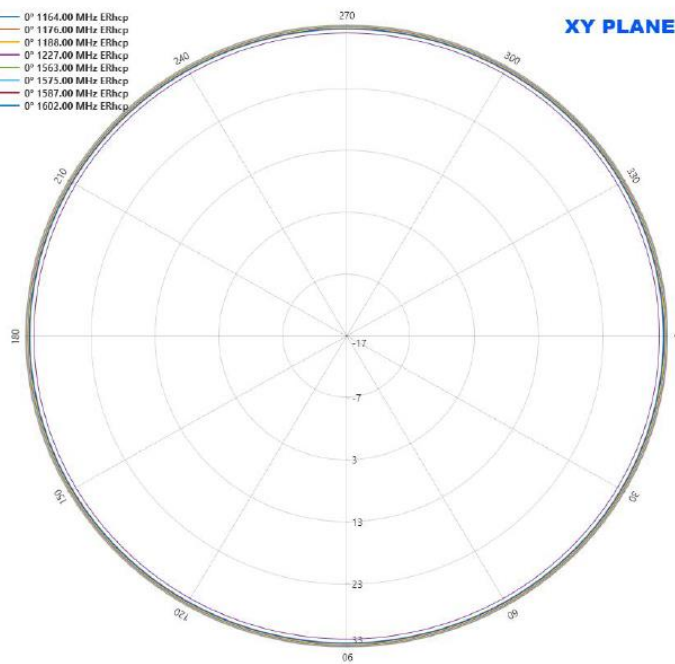
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AN _Combo_607-2C2W1GN

Radiation Patterns

GNSS Antenna

- ✓ 0° 1164.00 MHz ERhcp
- ✓ 0° 1176.00 MHz ERhcp
- ✓ 0° 1188.00 MHz ERhcp
- ✓ 0° 1227.00 MHz ERhcp
- ✓ 0° 1563.00 MHz ERhcp
- ✓ 0° 1575.00 MHz ERhcp
- ✓ 0° 1587.00 MHz ERhcp
- ✓ 0° 1602.00 MHz ERhcp



**GNSS
Antenna**

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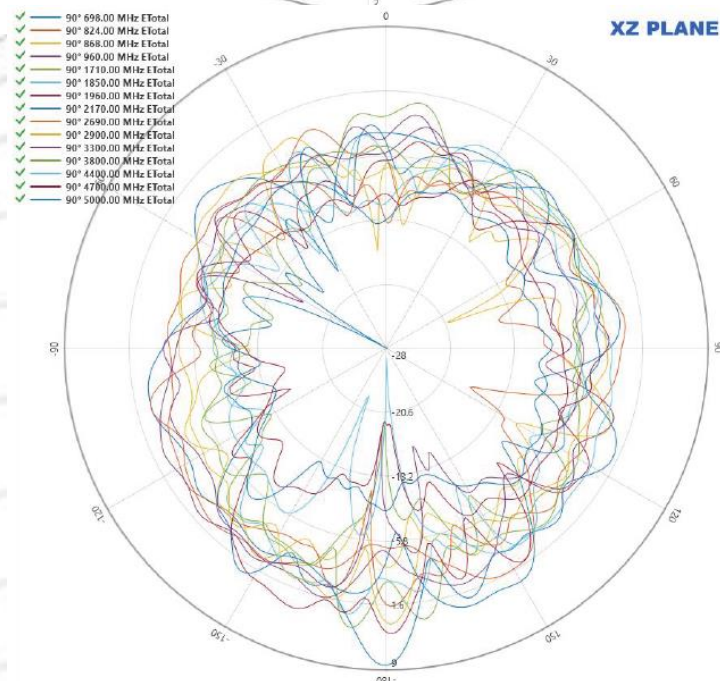
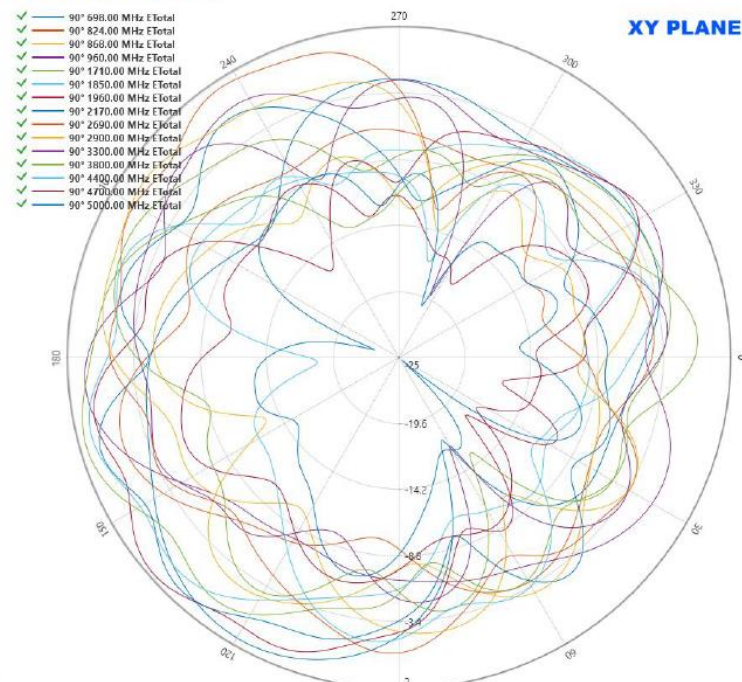
E-mail: Sales@maswelltech.com

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Radiation Patterns

NR Antenna main



5G Antenna Main

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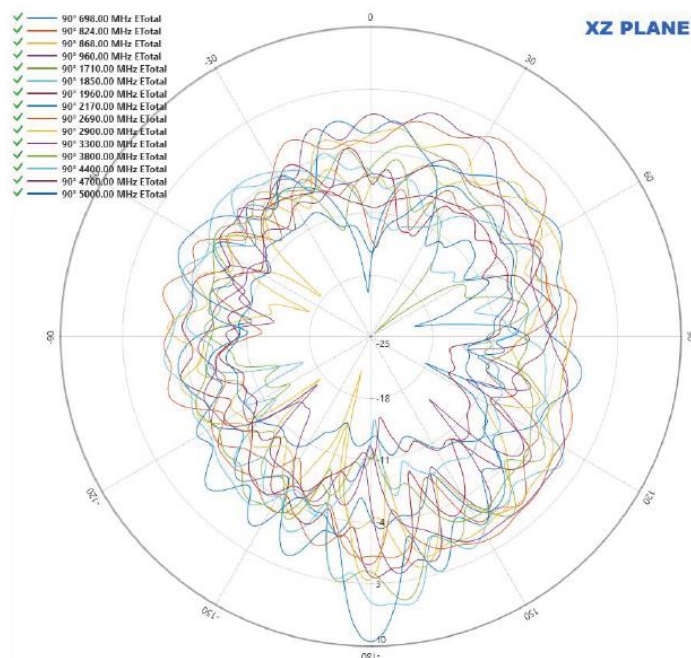
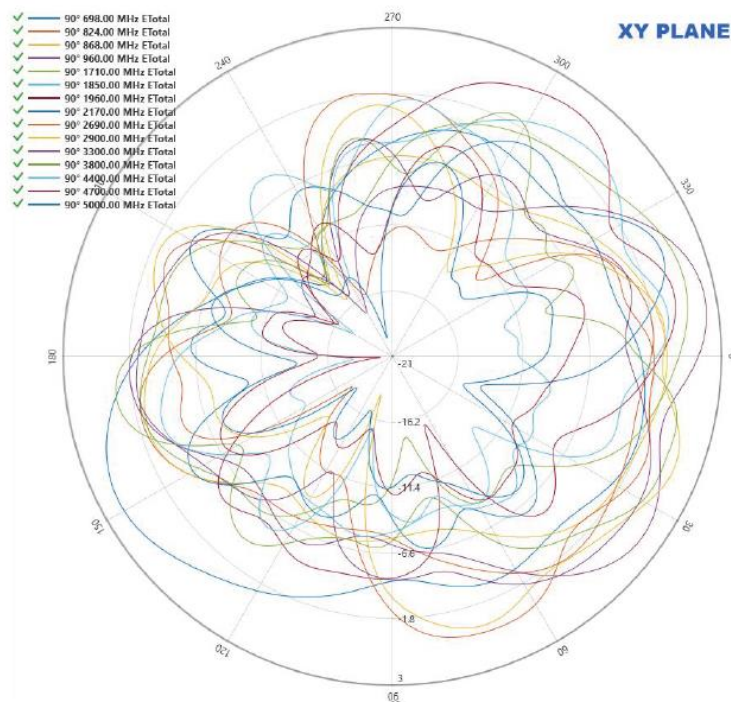
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Radiation Patterns



**5G Antenna
AUX**

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