

ANT-M5PUK-SMA

Features

- MIMO: Multi Input Multi Output
- IP67 Rated & UV Protected
- 5 x RG174 coax to SMA (3metres)
- Impedance 50ohm
- Operating Temp -40°C to $+85^{\circ}\text{C}$
- RoHs Compliant

GPS&GLONASS

- 1575.42-1610MHz
- VSWR <2.0
- Polarization: RCHP
- Gain $28\pm 2\text{dB}$
- Noise $<1.5\text{dB}$
- Supply 3-5Vdc
- $<15\text{mA}$ Consumption

LTE Antenna MIMO

- 698-960 / 1710-2690MHz
- VSWR <3.0
- Polarization: Linear
- Gain $+3\text{dBi}$

WiFi Antenna MIMO

- 2400-2483.5 / 4900-5825MHz
- VSWR <2.5
- Polarization: Linear
- Gain $+2\text{dBi}$



Applications

- GPS Applications
- 4G / LTE GSM Applications
- Wifi

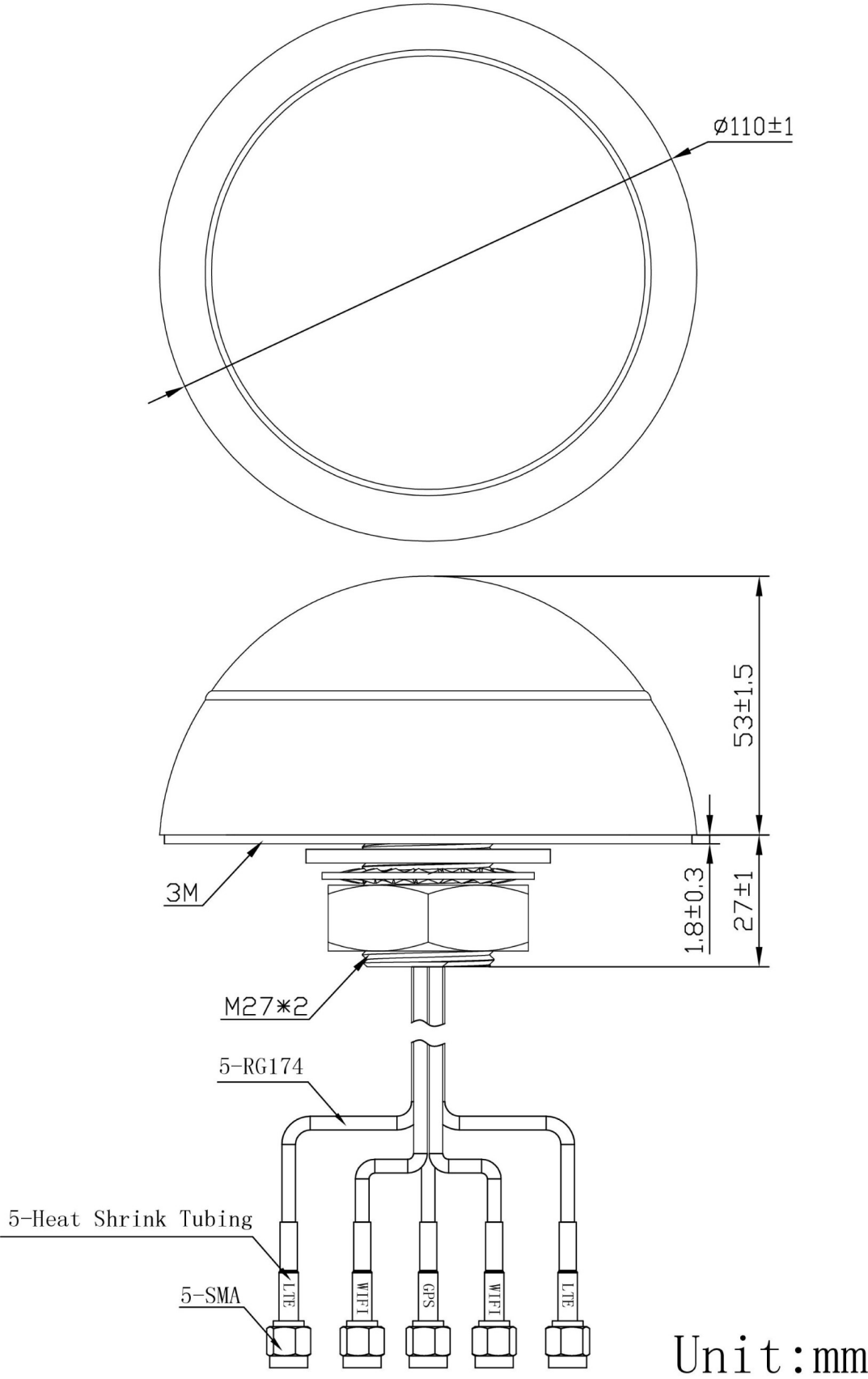
Description

A Rugged antenna for demanding applications. This antenna provides operation at Multi Frequencies for MIMO Applications. Housed in a rugged low profile ABS, it is IP67 (apart from the cable entry hole) and UV protected.

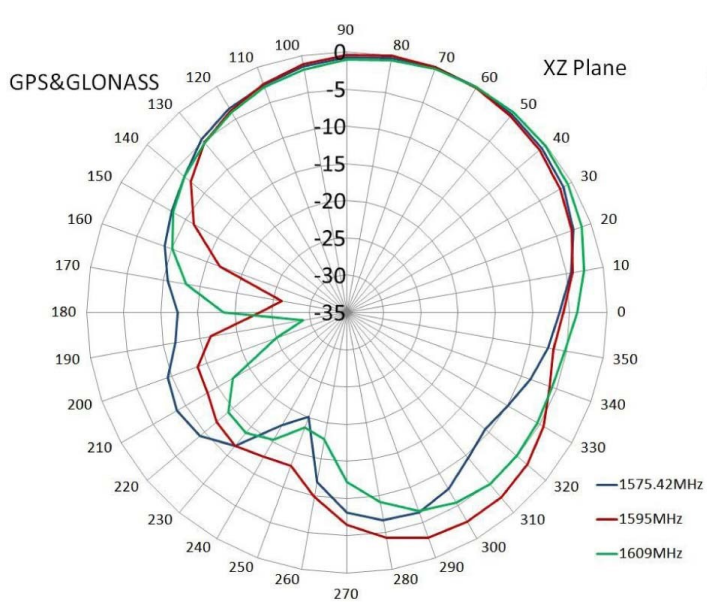
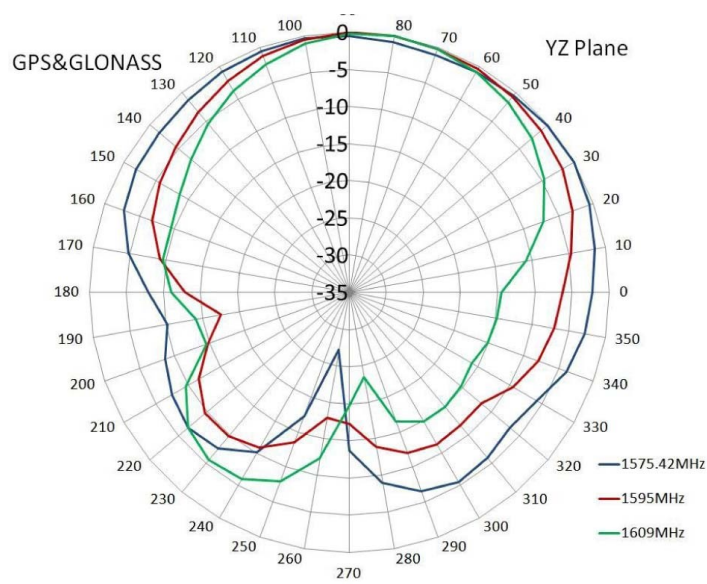
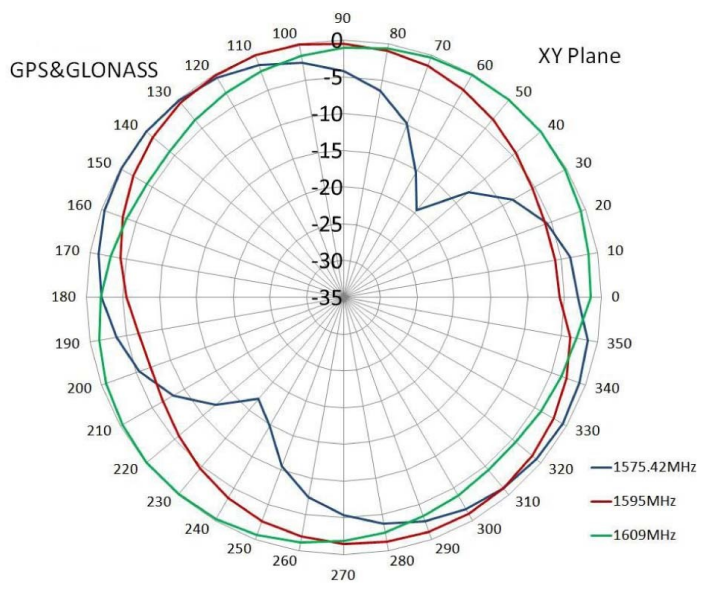
Ordering Information

Part No	Description
ANT-M5PUK-SMA	Multi Frequency PUK antenna with SMA Male Connector

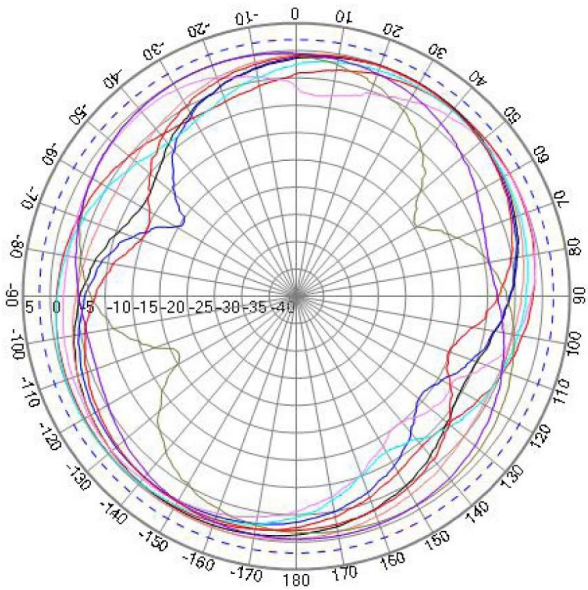
Mechanical Drawing



GPS Performance Data

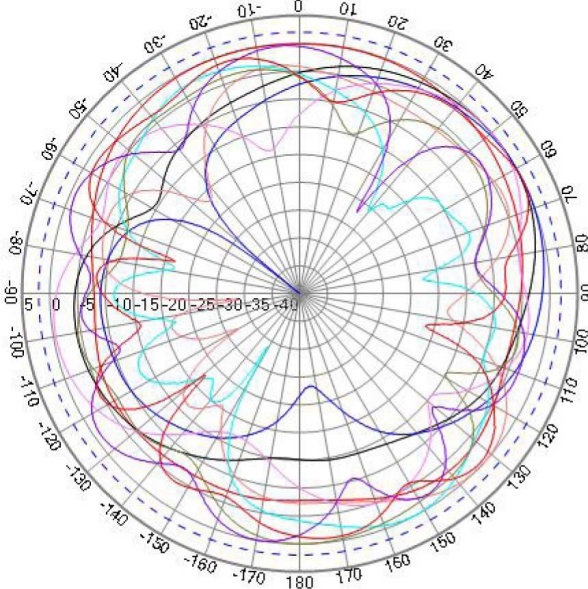


LTE Performance Data



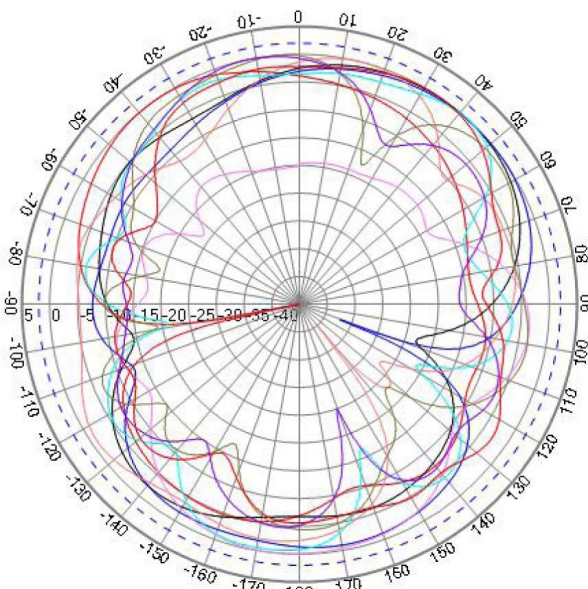
XY PLANE

- 测试频率: 700
- 测试频率: 824
- 测试频率: 868
- 测试频率: 960
- 测试频率: 1710
- 测试频率: 1850
- 测试频率: 1990
- 测试频率: 2170
- 测试频率: 2690



YZ PLANE

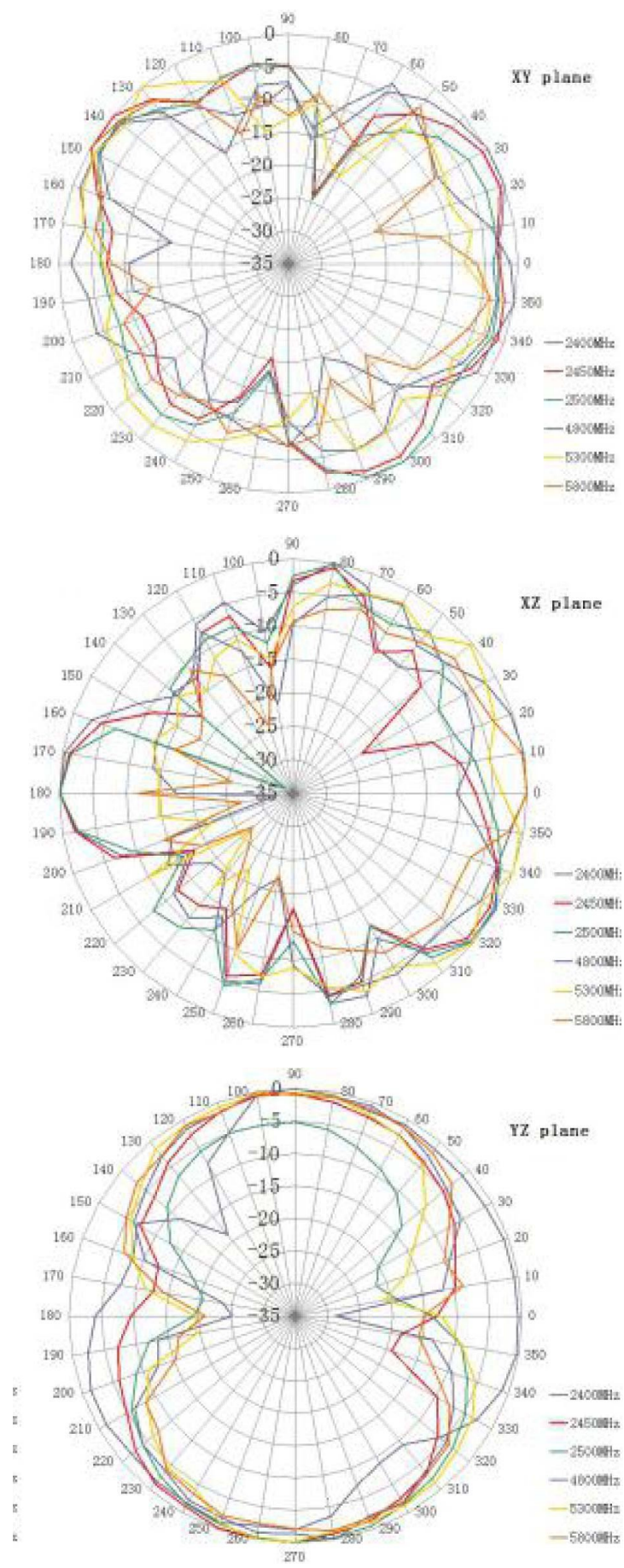
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XZ PLANE

- 测试频率: 700
- 测试频率: 824
- 测试频率: 868
- 测试频率: 960
- 测试频率: 1710
- 测试频率: 1850
- 测试频率: 1990
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WiFi Performance Data



RF Solutions Ltd. Recycling Notice

Meets the following EC Directives:

DO NOT

Discard with normal waste, please recycle.

ROHS Directive 2011/65/EU and amendment 2015/863/EU

Specifies certain limits for hazardous substances.

WEEE Directive 2012/19/EU

Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd., fulfills its WEEE obligations by membership of an approved compliance scheme. **Environment Agency producer registration number:** WEE/JB0104WV.

Waste Batteries and Accumulators

Directive 2006/66/EC

Where batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point.

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