

3G GSM, GPS, WiFi Combo Antenna

WiFi Antenna

- Freq: 2400-2483.5MHz
- Band width: 83.5MHz
- Gain: 3dBi
- VSWR <2.0
- Linear Polarisation
- Impedence 50ohm

GPS Antenna

- Freq: 1575.42MHz +/- 1MHz
- Gain: 2dBic (LNA: 28+/-2dB)
- Noise Figure <1.5
- VSWR <1.5 (LNA <2.0)
- Supply voltage 2.2-5V DC
- Ex-band Att:
12dB@CF+50MHz/16dB@CF-50MHz
- Band Width CF+-5MHz
- Polarisation RHCP
- Axial Ratio 3db
- Impedance 50ohm
- Current consumption 5-15mA

GSM Antenna

- Freq: 824-960MHz/1710-2170MHz
- Gain: 2.0dBi
- VSWR <2.0
- Linear polarisation



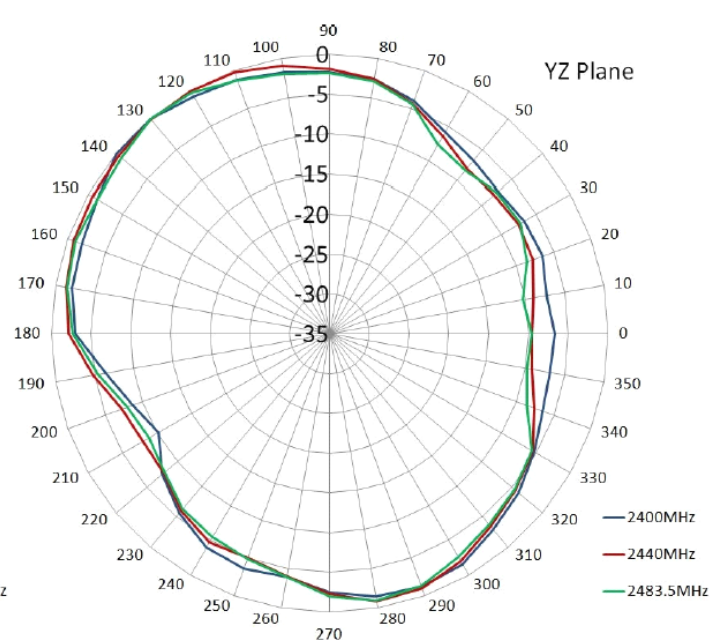
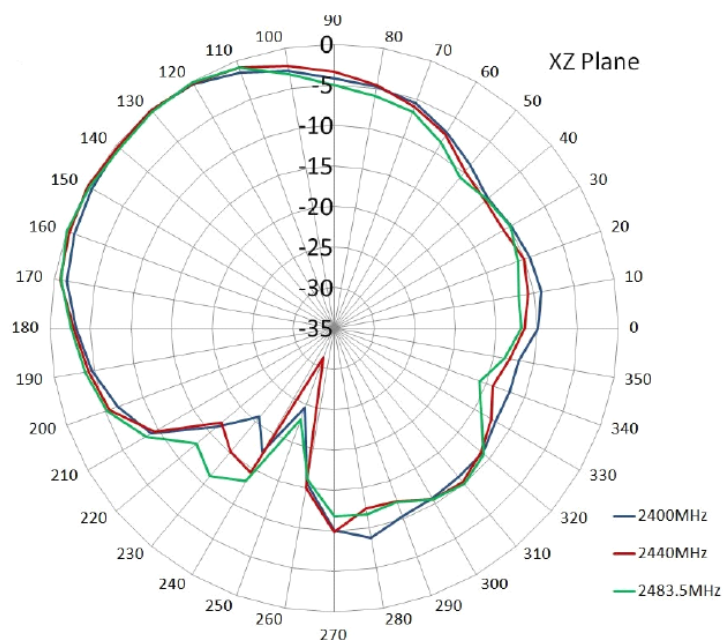
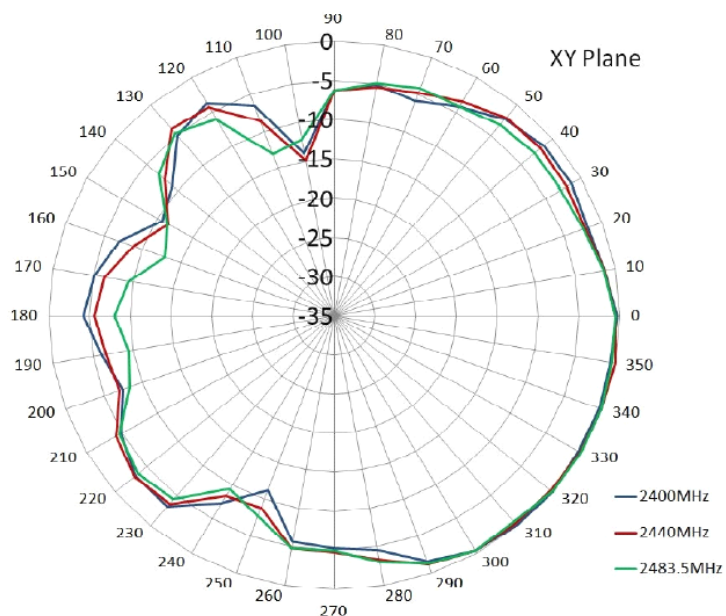
Additional Info:

- Operates from -40-+85°C
- Relative Humidity up to 95%
- Ingress Protection: IP65-IP67
- Vibration: 10-55Hz, 1.5mm amplitude 2hrs
- ROHS Compliant
- Cable: RG174, 3 meters
- SMA Connector
- Screw mount

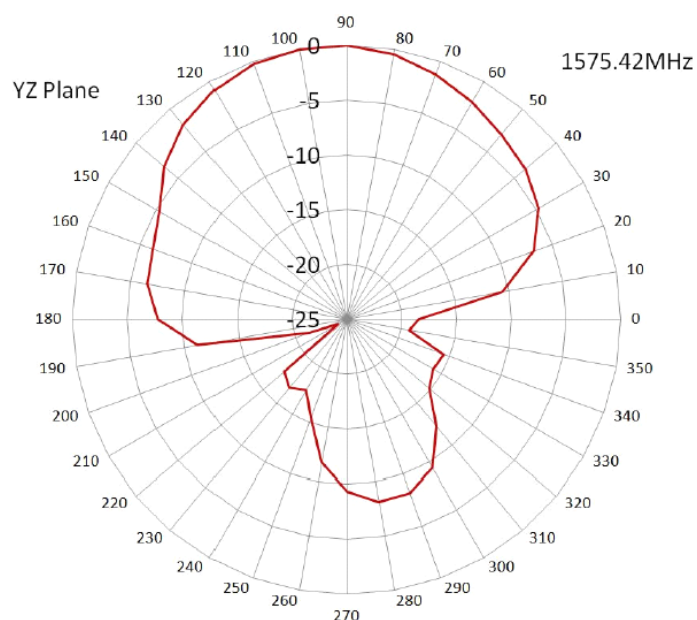
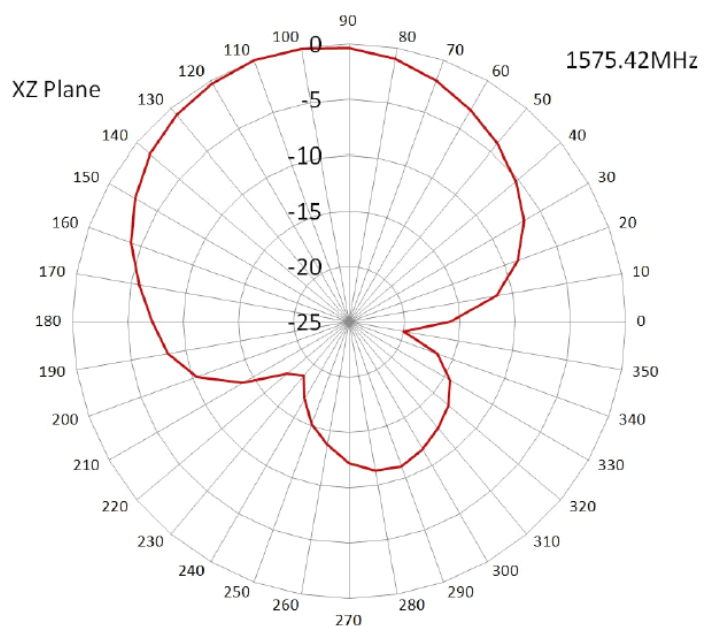
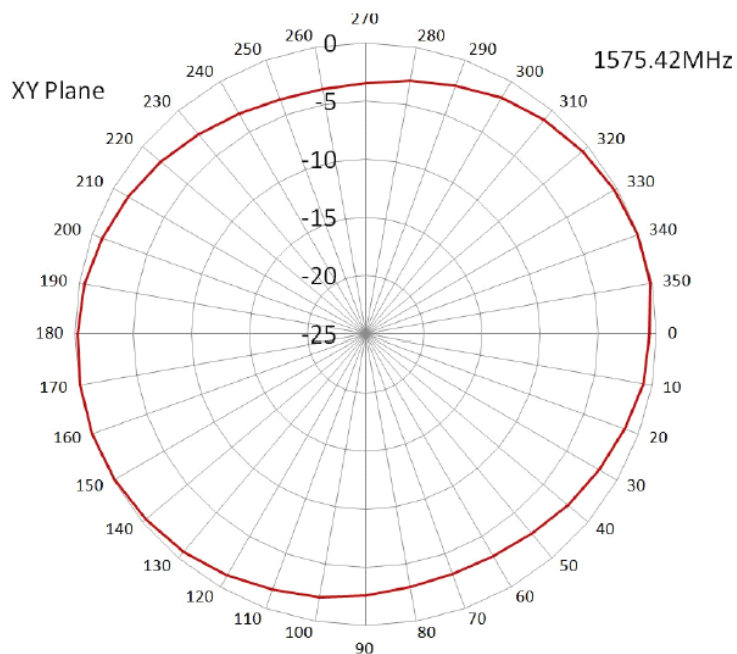
Ordering Information

Part Number	Description	Cable Length	Connector
ANT-GGWPUKS-SMA	Combo GSM/WiFi/GPS Ant screw mount	3metres	SMA (M)

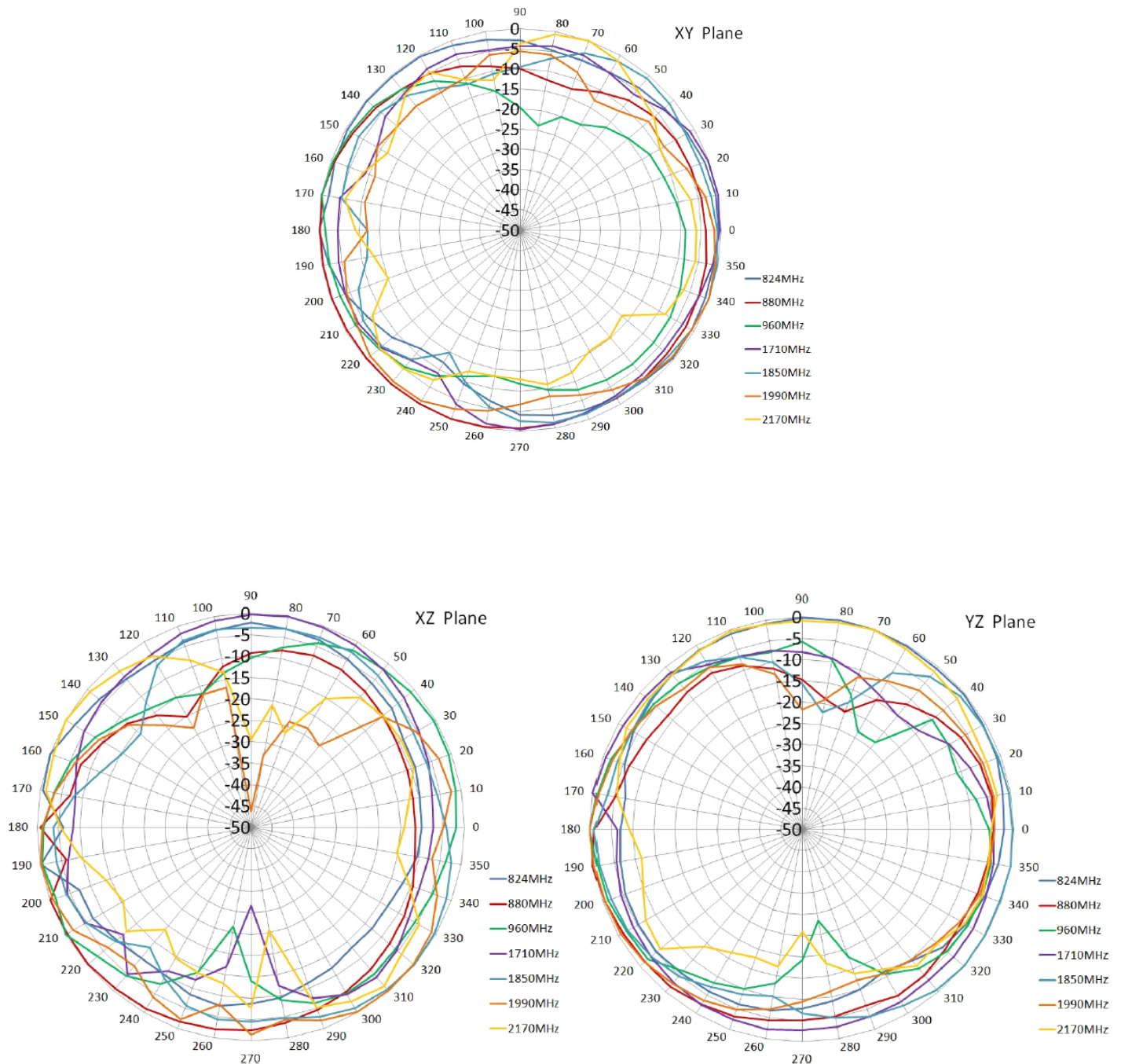
WiFi Antenna



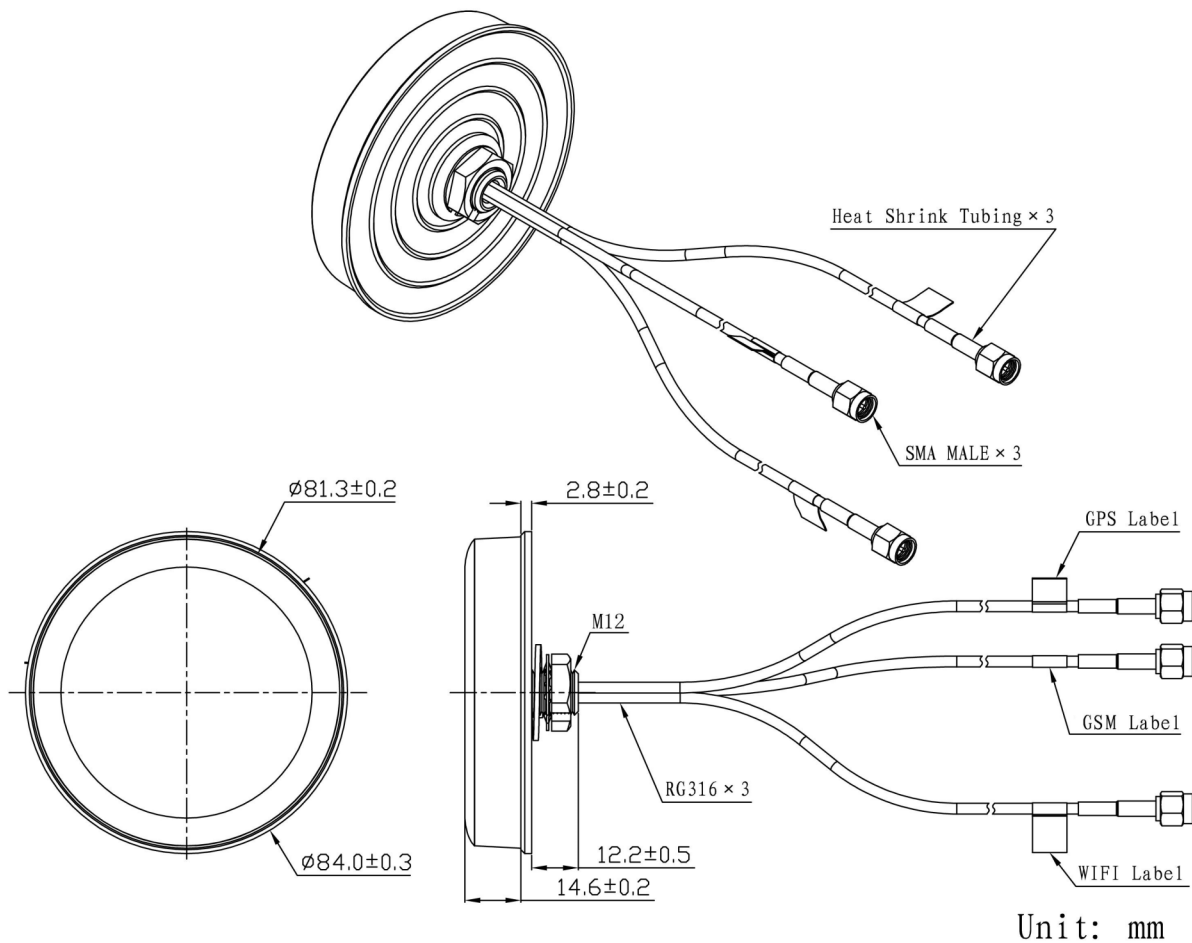
GPS Antenna



GSM Antenna



Technical diagram



Unit: mm

RF Solutions Ltd. Recycling Notice Meets the following EC Directives:

DO NOT

Discard with normal waste, please recycle.

ROHS Directive 2002/95/EC

Specifies certain limits for hazardous substances.

WEEE Directive 2002/96/EC

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.

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.

Environment Agency producer registration number: WEE/JB0104WV.

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