

## +5dBi Stubby Antenna

### Features

- Miniature GSM Helical Antenna
- 698-960 / 1710-2700MHz
- Mag Mount
- Active gain: +5dBi
- Pure Copper Core
- VSWR < 1.5
- Vertical Polarization
- 2.5m RG174 Coax to SMA male
- Height 80mm
- 50 Ohm Impedance
- Operating Temp -40 to +60degC
- Max Power 20W



### Applications

- Range Improvement
- General Purpose GSM network
- 868 / 915 ISM Telemetry

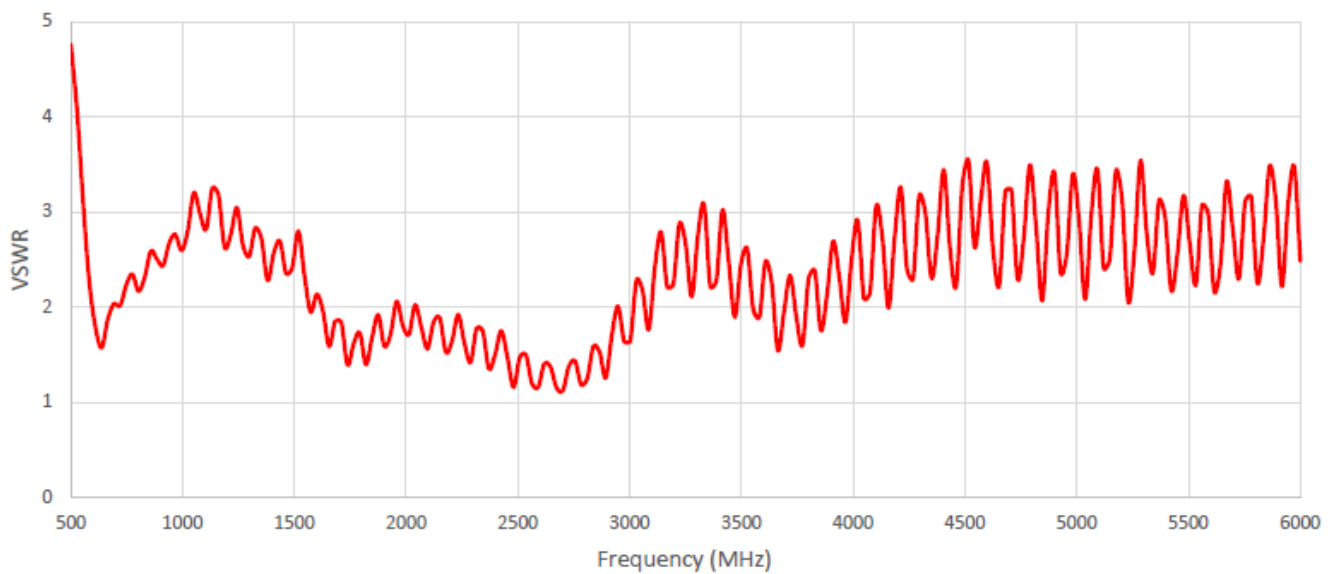
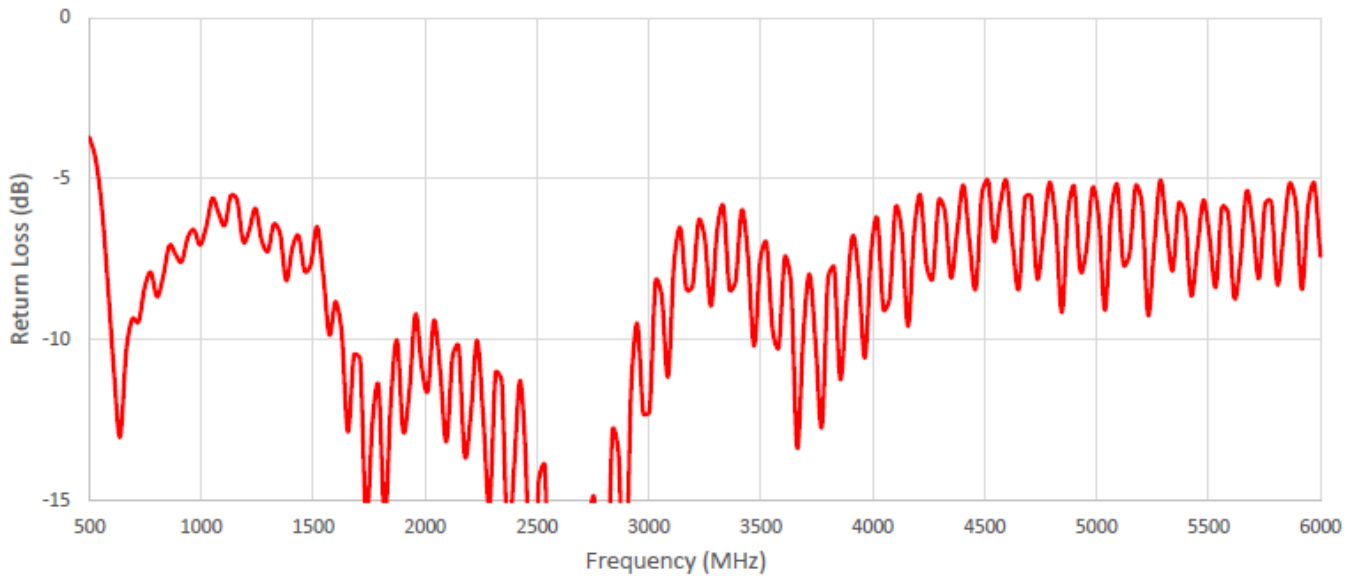
### Description

A rugged Gain Antenna for GSM applications where high performance is required. Using this antenna will give optimum range and reliability to your application.

### Ordering Information

| Part Number      | Length | Cable Length | Connector |
|------------------|--------|--------------|-----------|
| ANT-4GSTUB5-SMAM | 121mm  | 2.5m         | SMA (M)   |

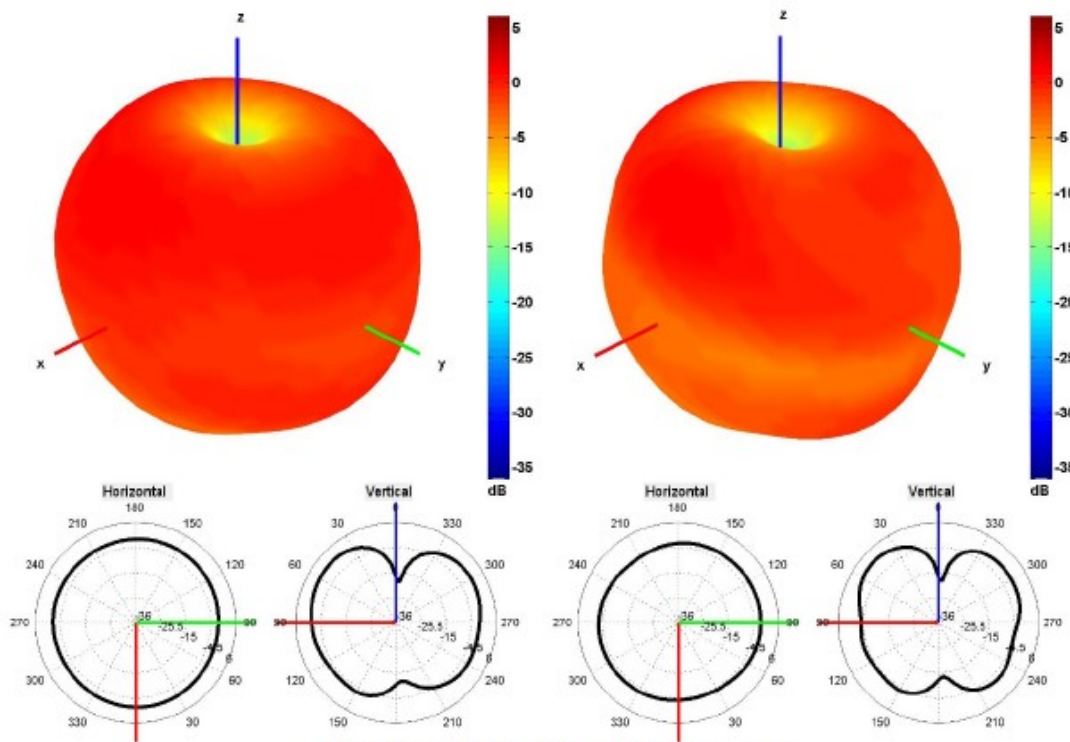
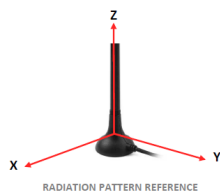
## Performance Charts



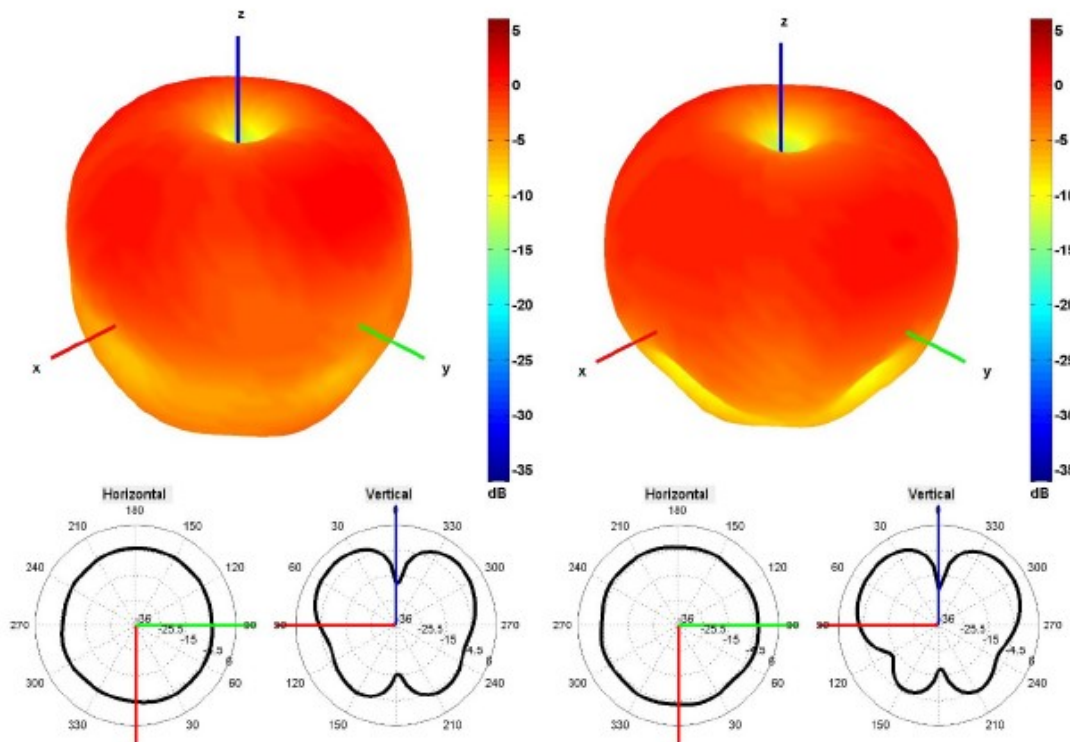
## Performance Charts



## Radiation Pattern

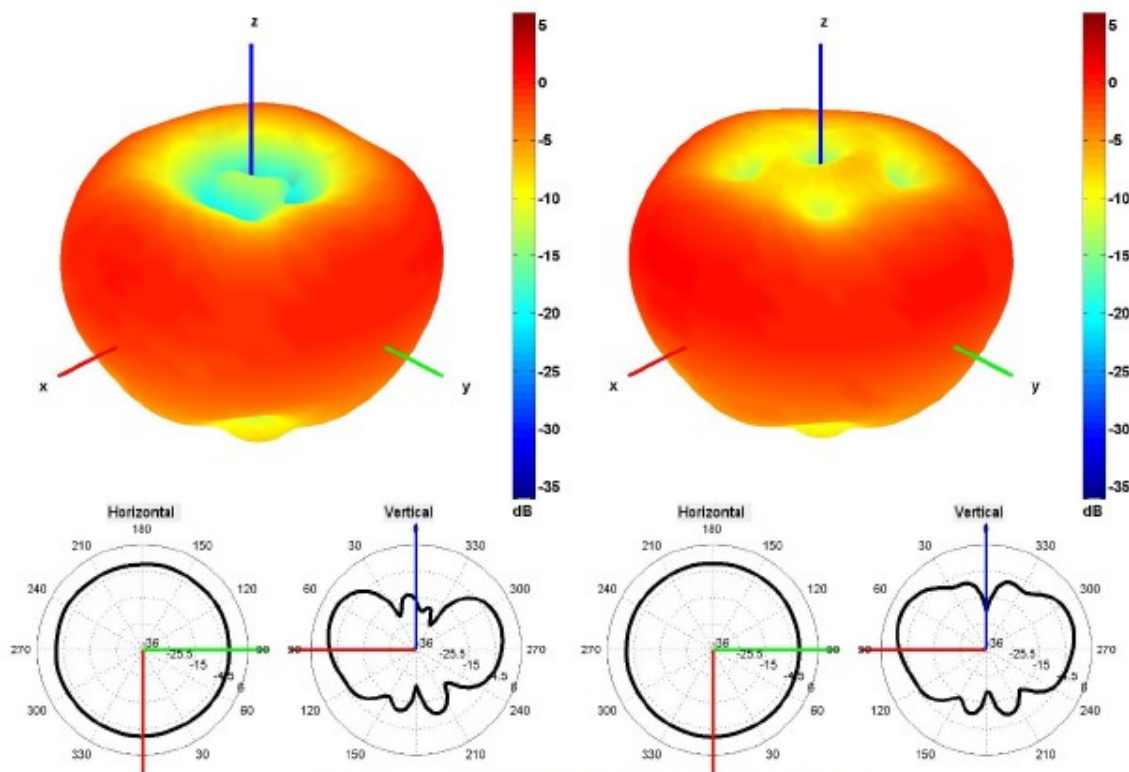


650 AND 750 MHz RADIATION PATTERN

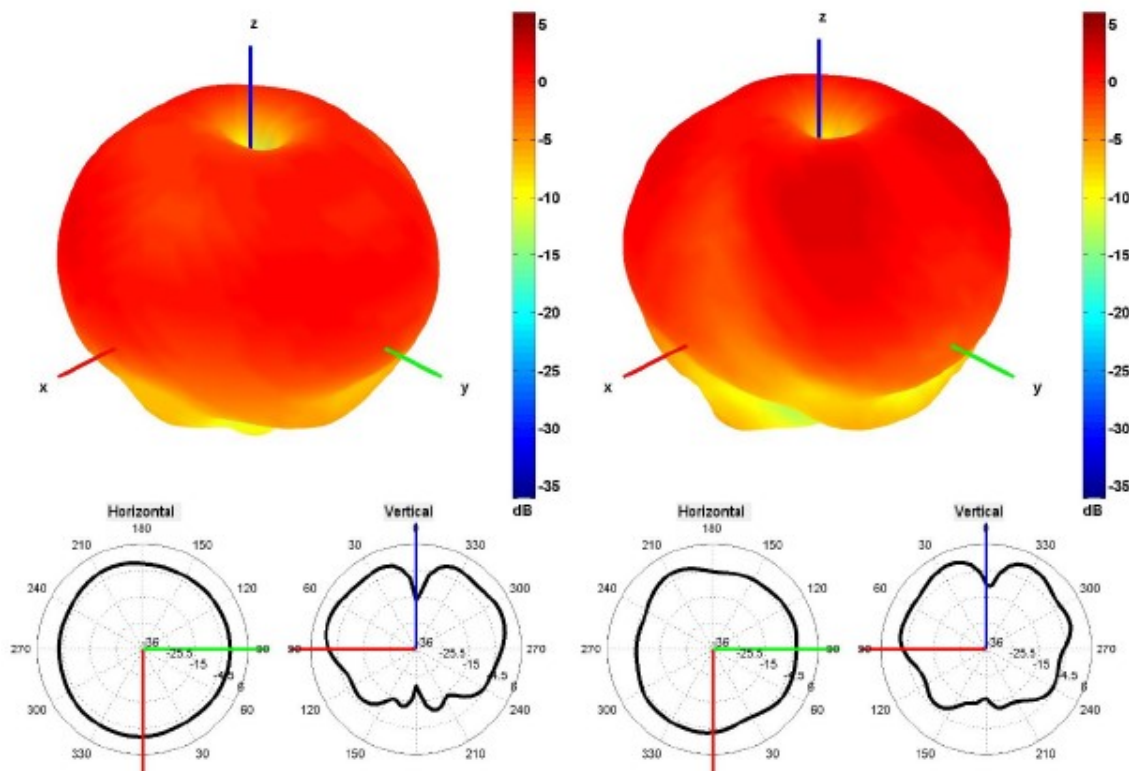


850 AND 940 MHz RADIATION PATTERN

## Radiation Pattern



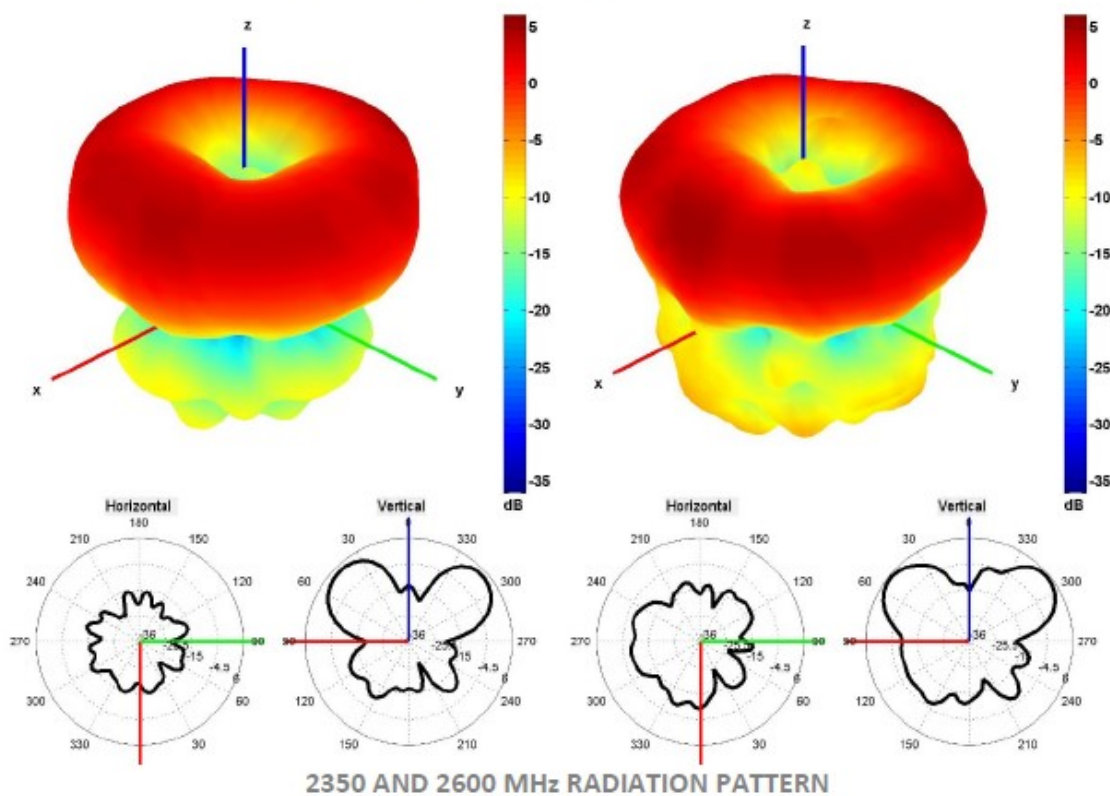
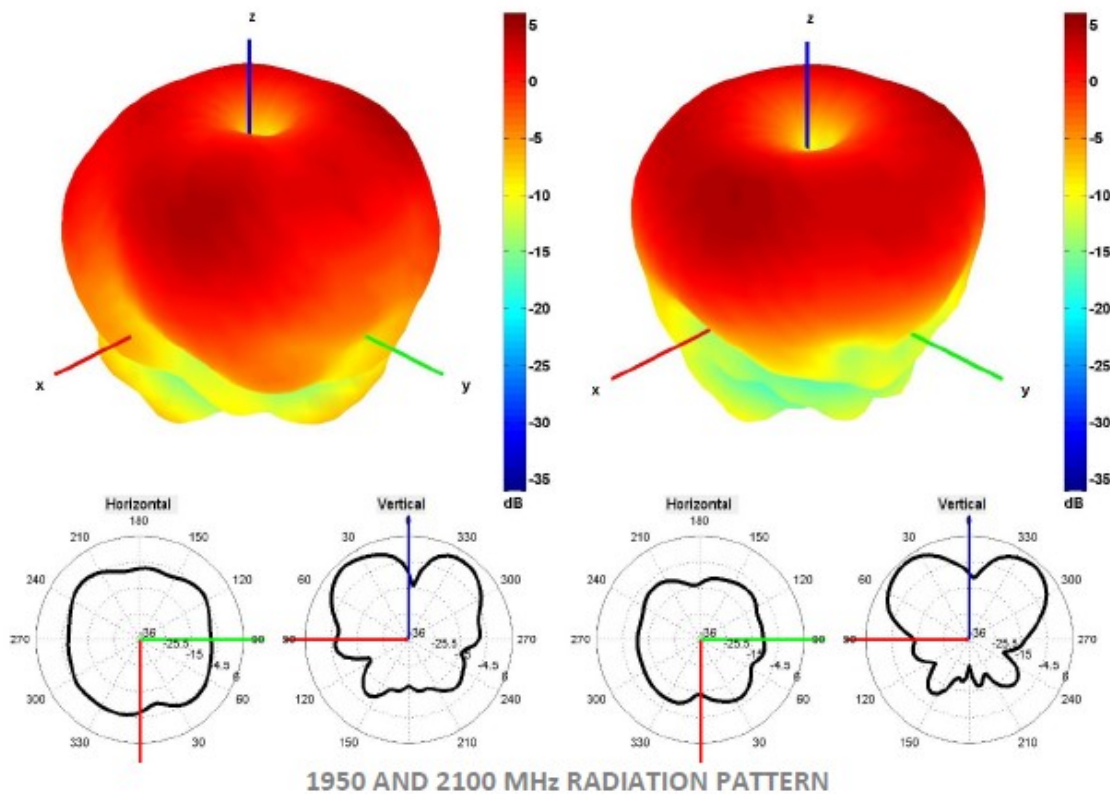
1500 AND 1600 MHz RADIATION PATTERN



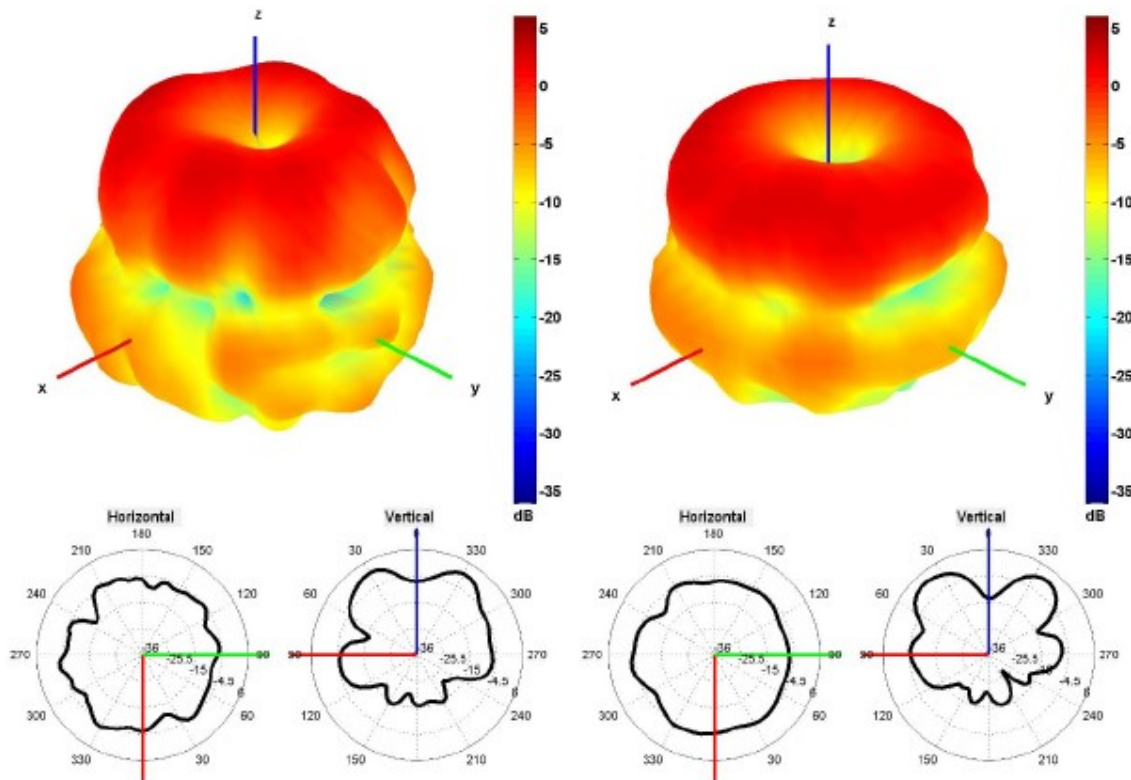
1750 AND 1850 MHz RADIATION PATTERN



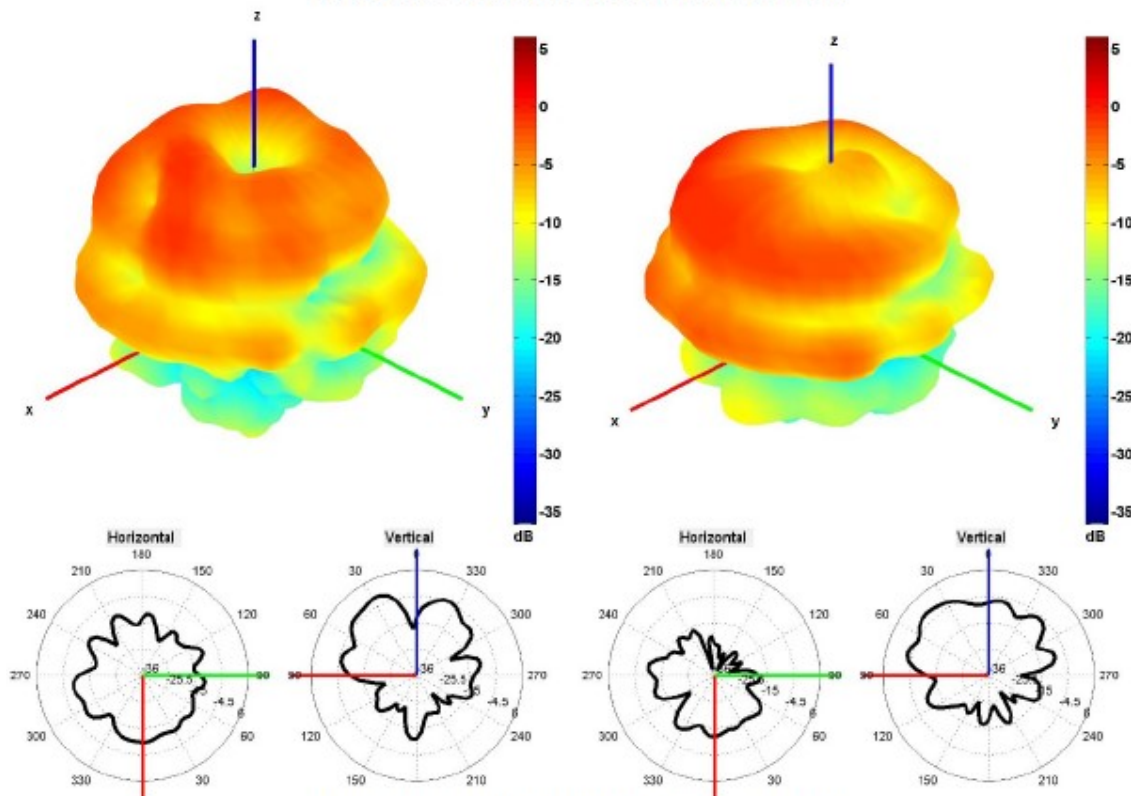
## Radiation Pattern



## Radiation Pattern



3350 AND 3600 MHz RADIATION PATTERN

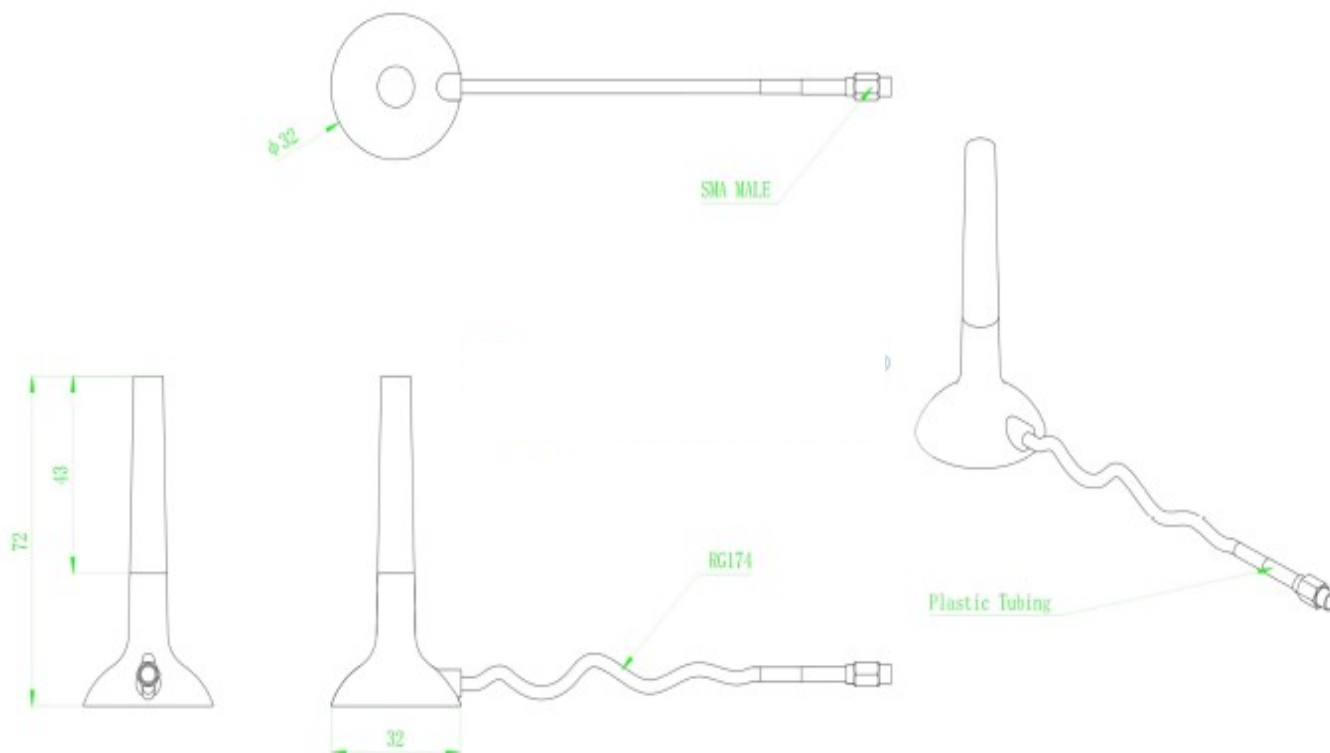


4500 AND 5500 MHz RADIATION PATTERN

# 4G LTE GSM Antenna



## Mechanical Details



### 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 Registration Number: **WEE/JB0104WV**.

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