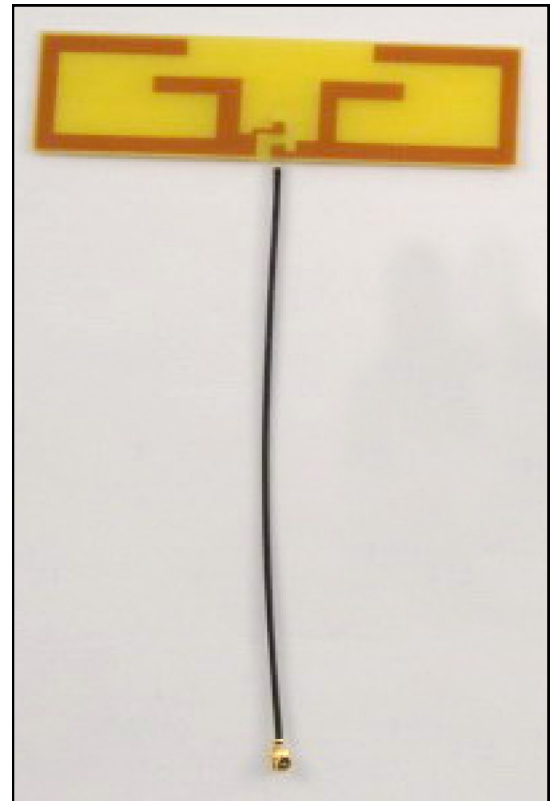


## ANT-PCB8121

### Features

- 800/900/1800/1900/2100MHz
- Omni Directional 1/2 Wave
- Miniature 82 x 21 x 1mm
- VSWR <2.0
- RG178 Coax 50 $\Omega$  Impedance
- 2dBi Gain (nominal)
- Vertical Polarization
- Admitted Radiation Power 1W
- iPex/UFL Connector
- Operating temp -30 to +85°C



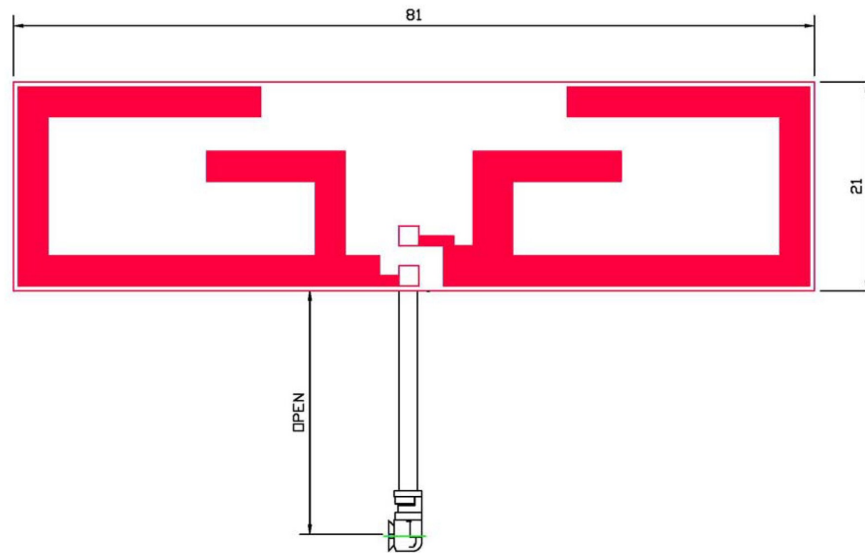
### Applications

- Embedded GSM Systems
- For World-wide Use

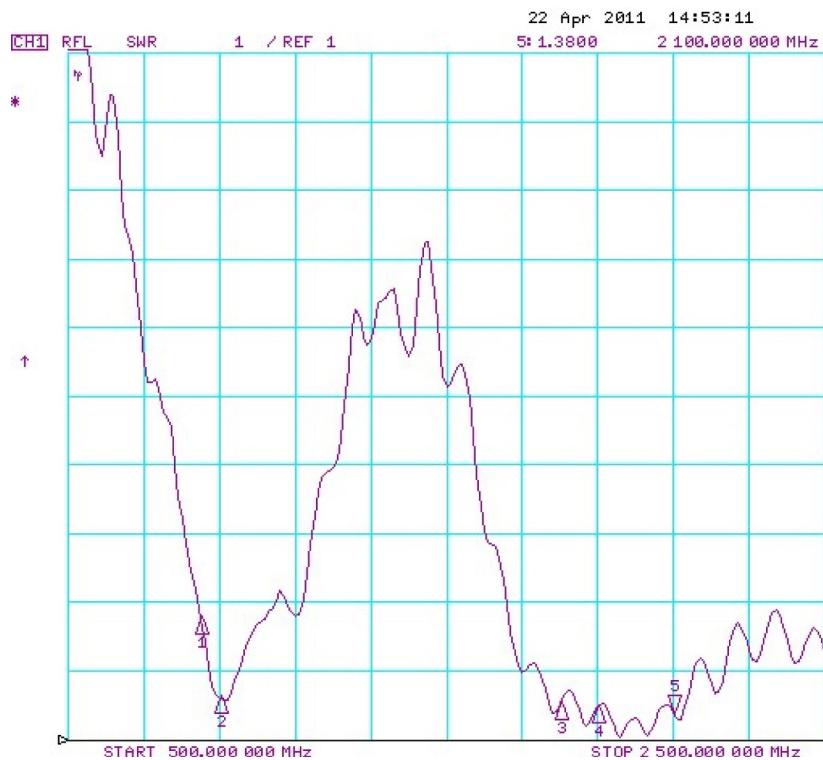
### Ordering Information

PART No	Description
ANT-PCB8121-FL	Miniature PCB Penta Band Antenna

## Mechanical Detail



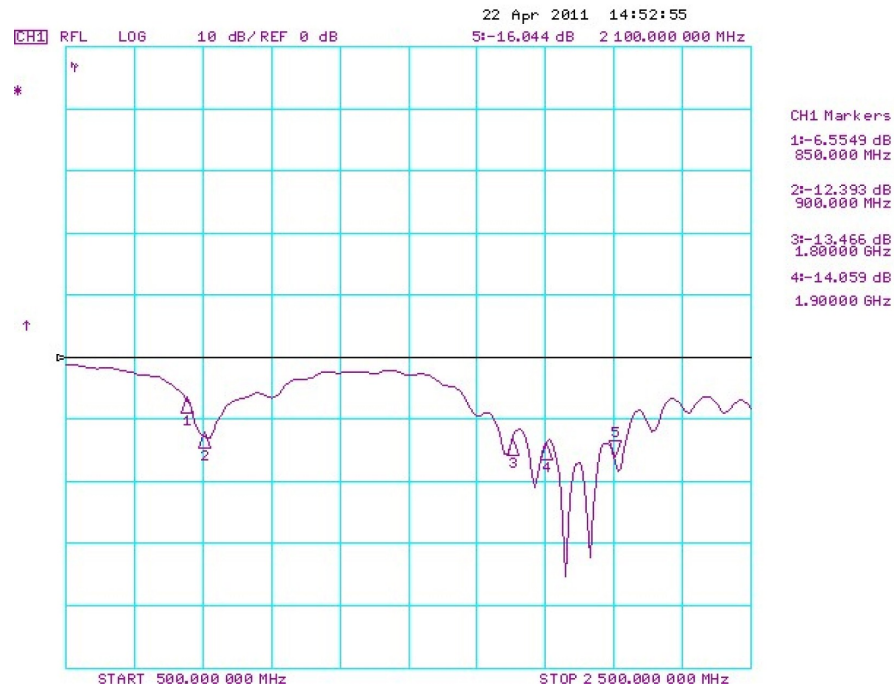
## Performance Data – VSWR without enclosure



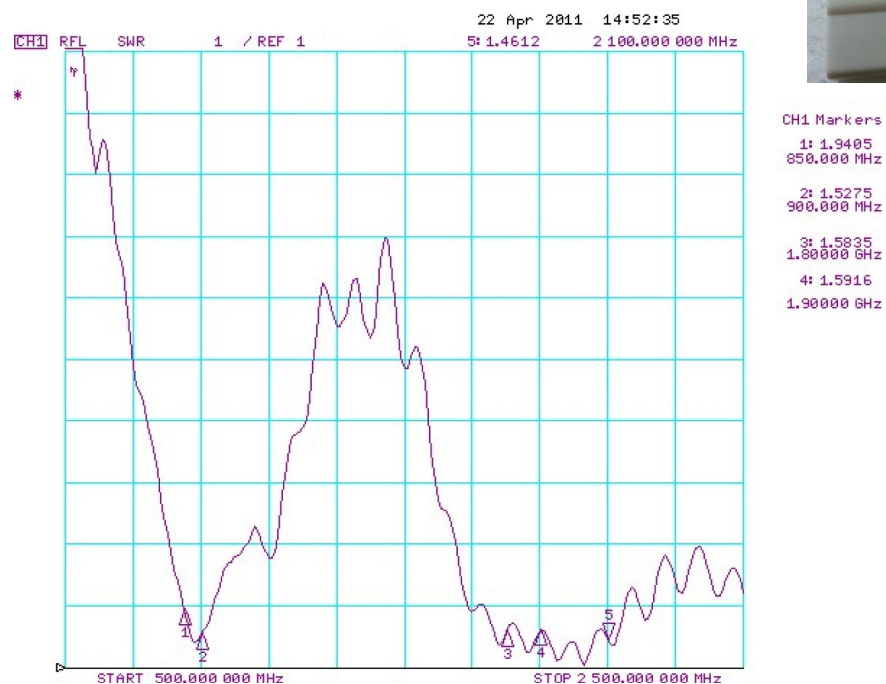
### CH1 Markers

- 1: 2.7686  
850.000 MHz
- 2: 1.6212  
900.000 MHz
- 3: 1.5408  
1.80000 GHz
- 4: 1.4841  
1.90000 GHz

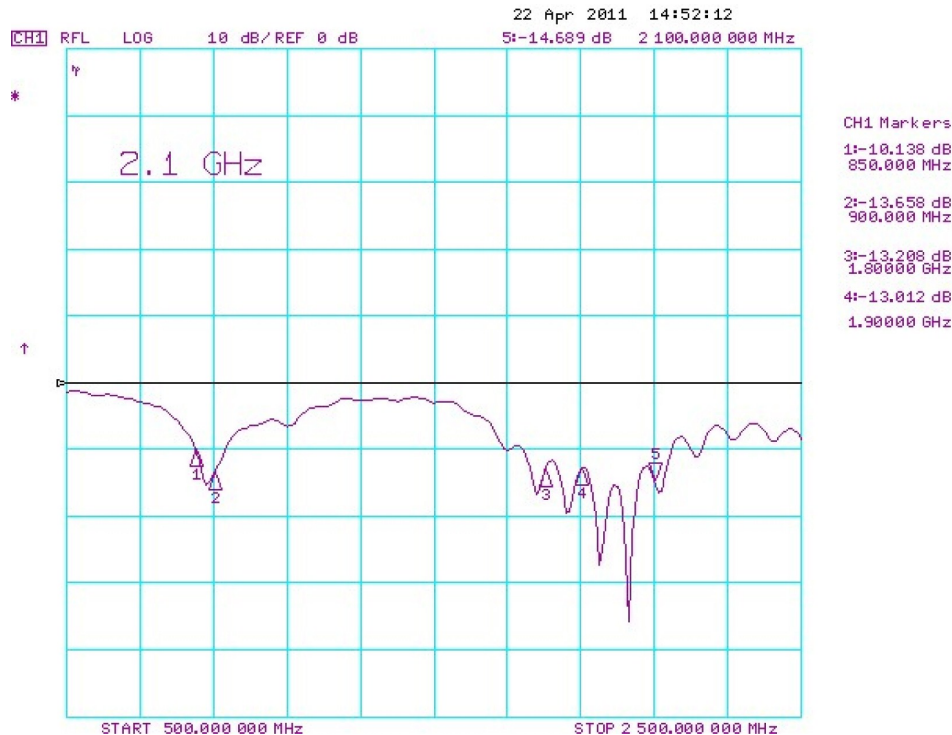
## Performance Data — VSWR without enclosure



## Performance Data — VSWR with enclosure



## Performance Data — VSWR with enclosure



### 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., fulfils 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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