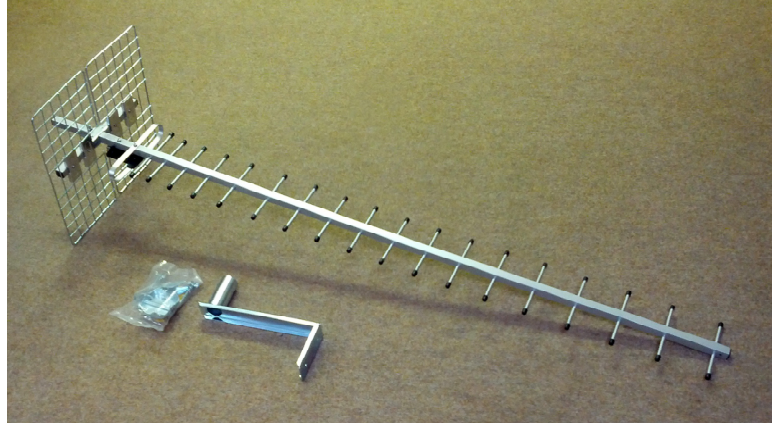




## GSM / 868MHz YAGI

### Features

- 860 - 960MHz
- 1770—1880MHz
- +23dBi Gain
- VSWR <2:1
- Vertical Polarisation
- 10m RG58 to SMA(M)
- 50Ω Impedance
- Aluminium & ABS
- 18 elements
- U Bolt Fixing
- Wall Mount Bracket
- Operates from -40 to +80°C



### Applications

- GSM Applications
- 868MHz M2M
- M2M Applications

A High Gain antenna for improving the range achieved in GSM applications and Low Power Radio at 868MHz

### Ordering Information

Part No	Description
ANT-MF-YAG23	+23dB GSM YAGI Antenna to FME

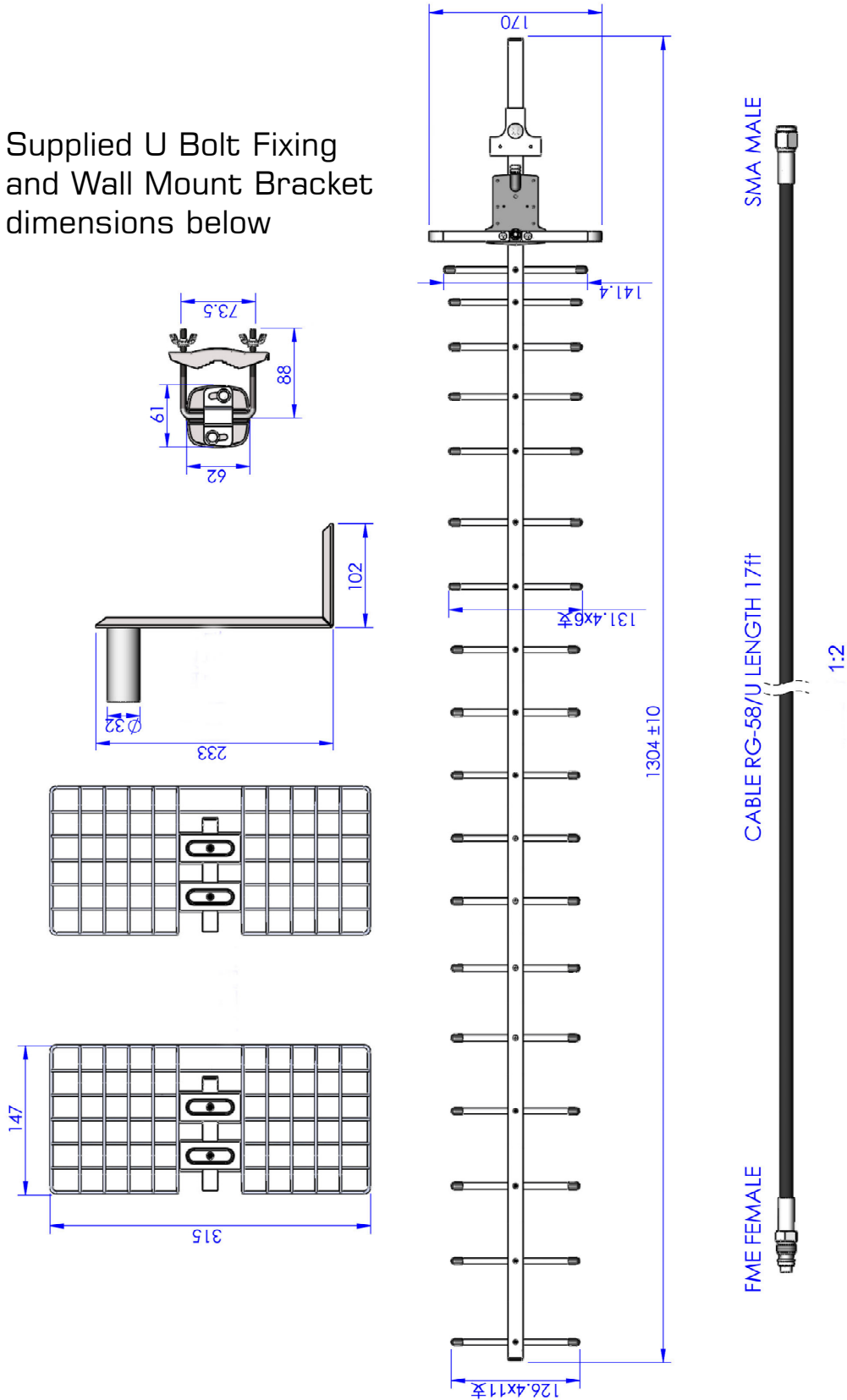


# +23dB Gain GSM Antenna



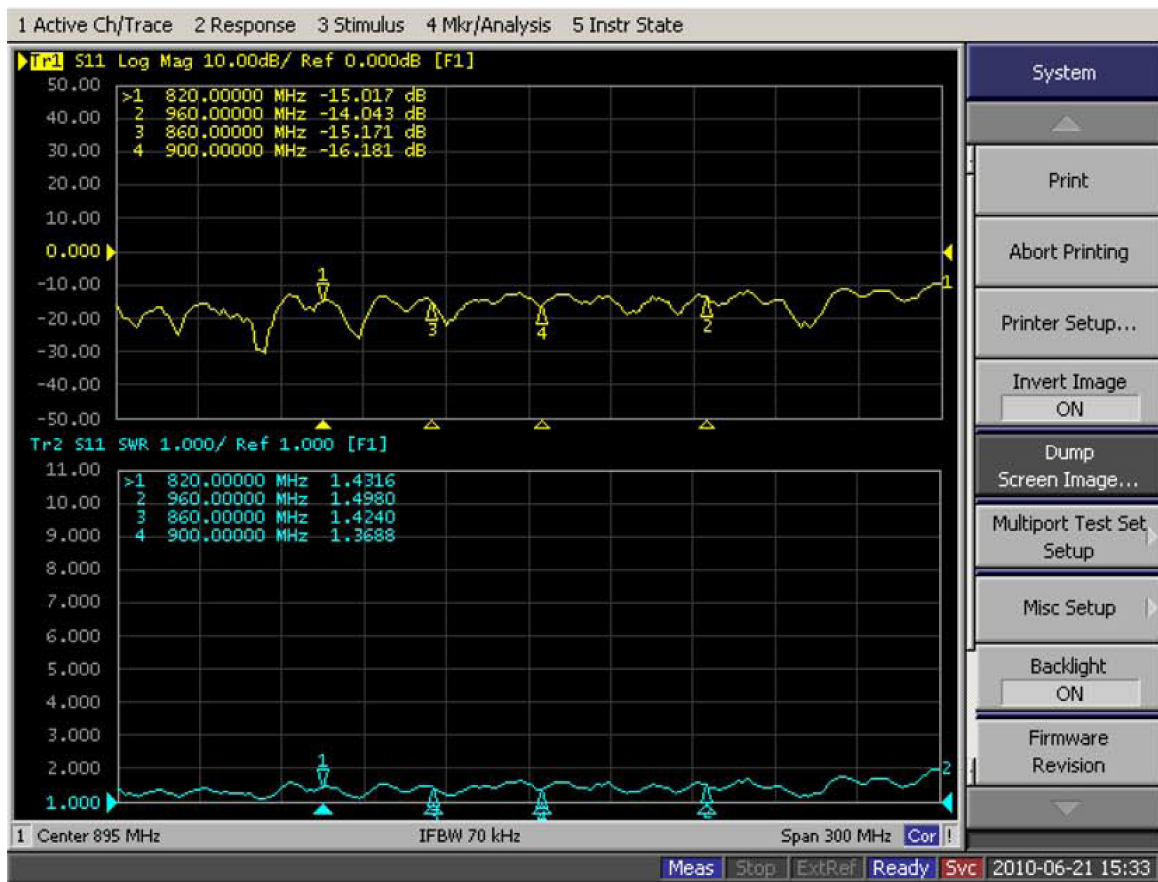
## Mechanical Detail

Supplied U Bolt Fixing and Wall Mount Bracket dimensions below



# +23dB Gain GSM Antenna

## Performance Data



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rfsolutions.co.uk  
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.  
Environment Agency producer registration number WEE-0B0104WV

**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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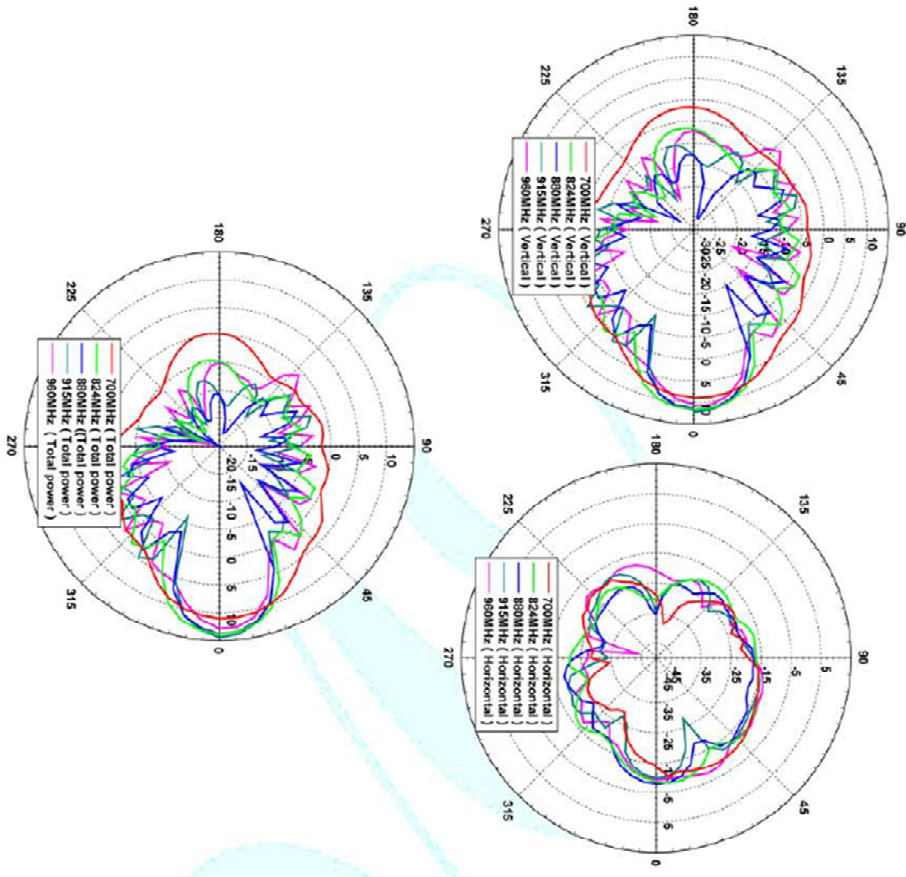
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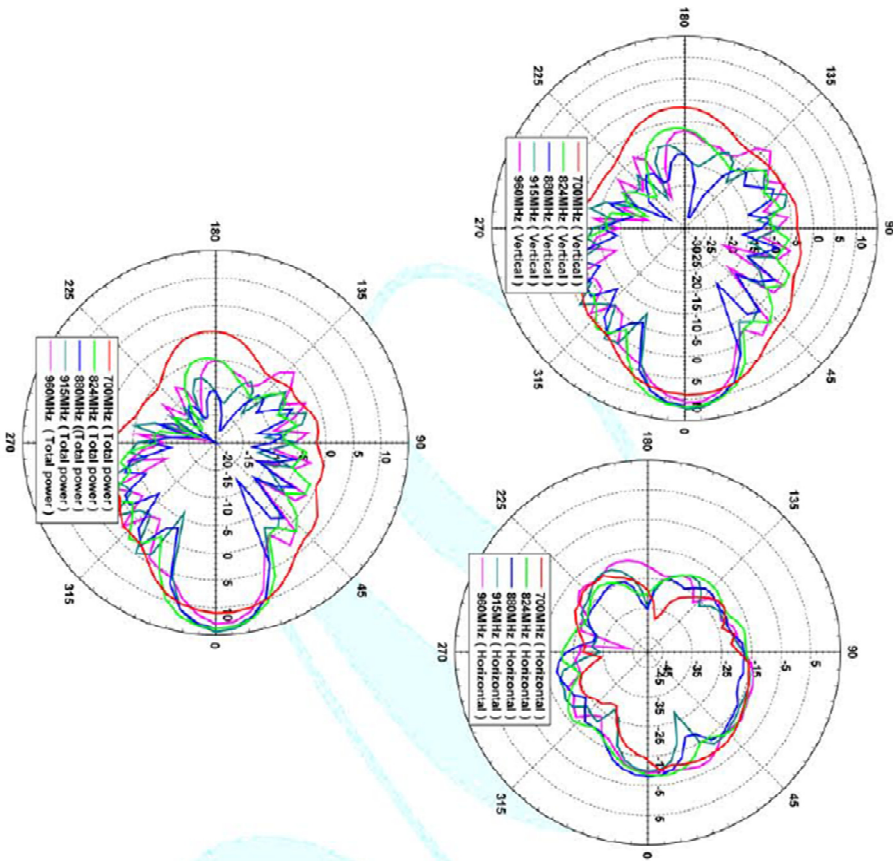
## Passive Measurement (pattern and gain) ( Y-Z plane )



Vertical	Max (dBi)	Min (dBi)	Average (dBi)
700	10.993	-7.897	3.77
824	13.816	-19.715	4.57
880	13.779	-27.337	3.94
915	14.961	-22.044	4.18
960	13.631	-22.149	3.99
Horizontal	Max (dBi)	Min (dBi)	Average (dBi)
700	-7.34	-32.039	-11.99
824	-4.271	-33.072	-10.46
880	-3.772	-33.041	-9.99
915	-3.985	-37.953	-9.27
960	-3.498	-29.605	-9.61
Total power	Max (dBi)	Min (dBi)	Average (dBi)
700	11.01	-7.67	3.89
824	13.96	-18.65	4.66
880	13.99	-21.61	4.15
915	14.62	-17.90	4.34
960	13.90	-19.86	4.11



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