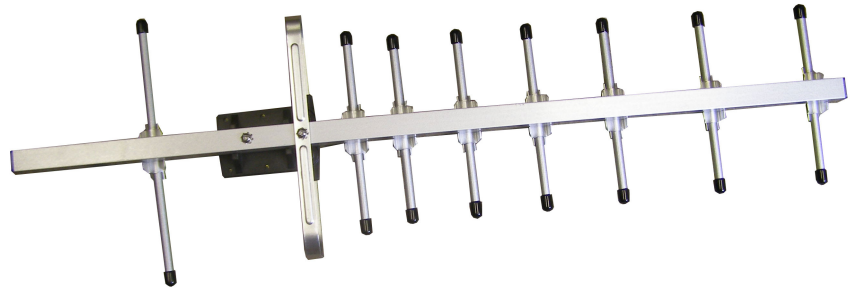




YAGI Antenna for GSM +11dB

- YAGI Antenna
- 900 / 1800MHz
- Active gain: +11dB
- VSWR <1.5:1
- RG58 Connecting Lead (10metres)
- SMA Male connector
- 50ohm
- 'U' Bolt Mount
- All Aluminium
- Alternative Connectors: FME / Mini-UHF / TNC
- Polarization V or H
- Max Power 60W



Applications

- GSM
- Range Extension
- Directional Control

Description

A compact PCB Antenna for GSM Cellular applications where high performance is required from a small size. Using the ANT-GSMQB will give optimum range and reliability to your application.

Part Numbers

	Length	Width	Cable Length	Connector
ANT-GSM-YAGI11	570	182	10metres	SMA (M)

R F Solutions Ltd.,
Unit 21, Cliffe Industrial Estate,
Lewes, E. Sussex. BN8 6JL. England.

Email : sales@rfsolutions.co.uk <http://www.rfsolutions.co.uk>

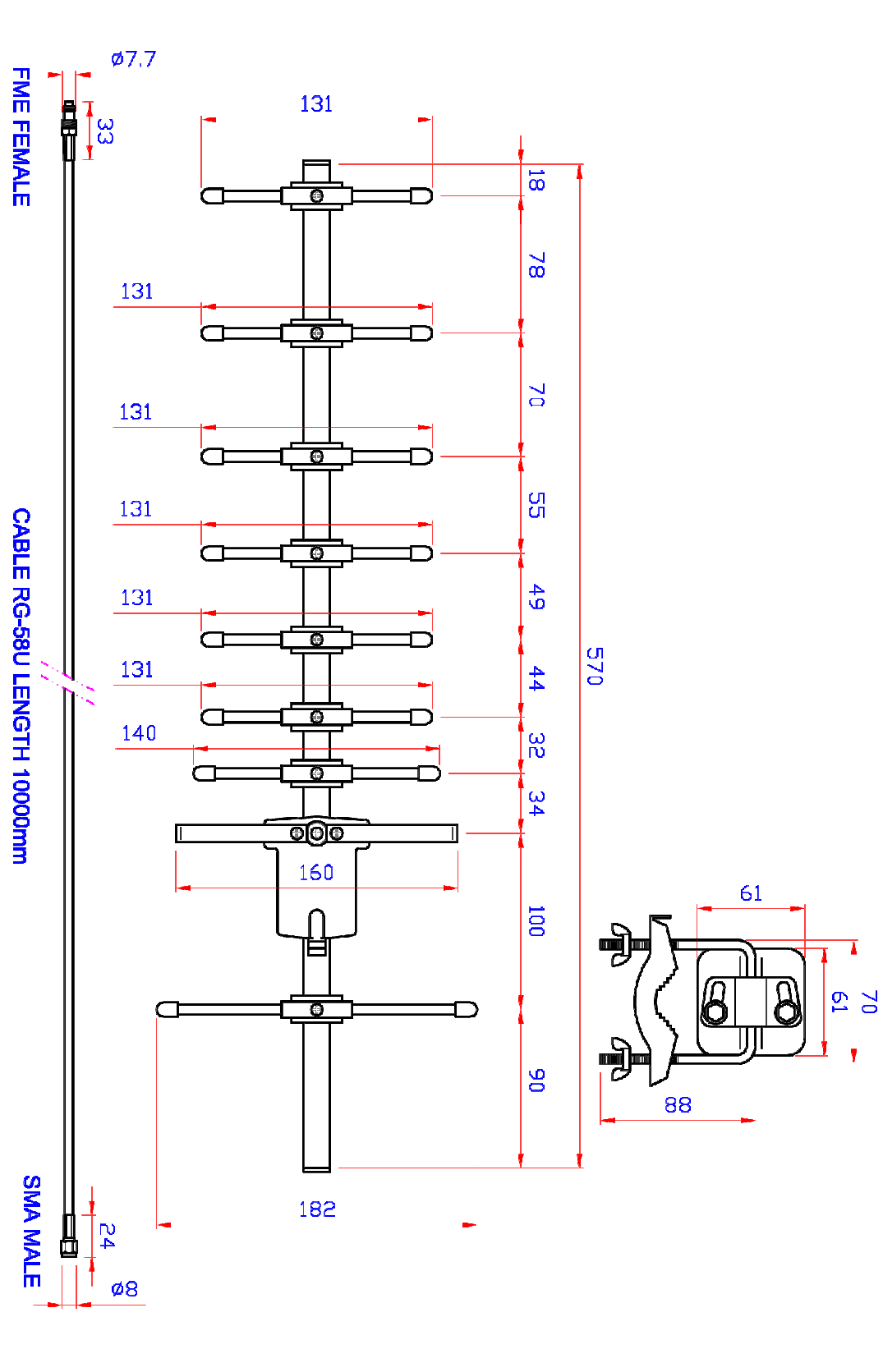
Tel: +44 (0)1273 898 000 Fax: +44 (0)1273 480 661





YAGI Antenna for GSM +11dB

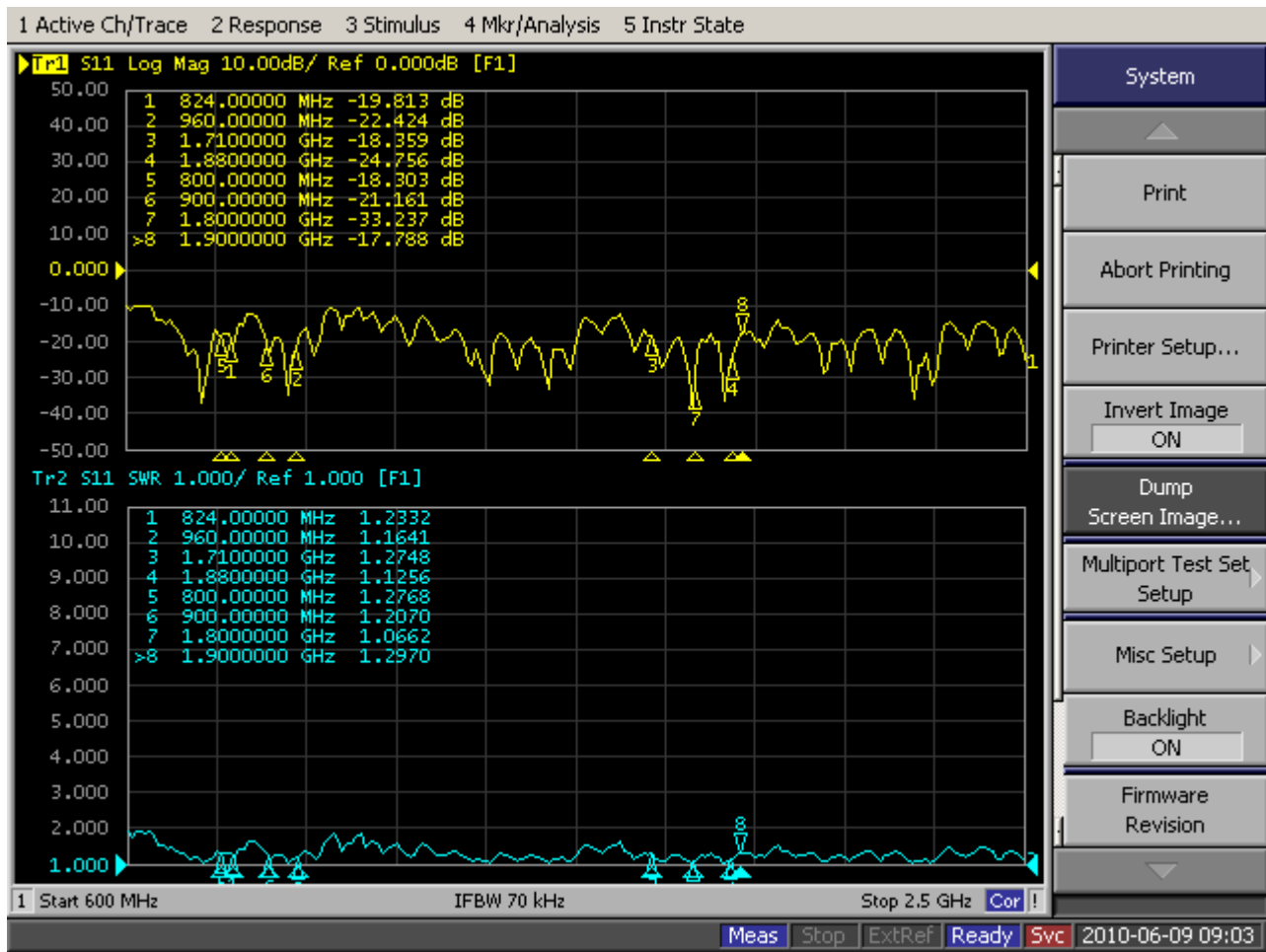
Mechanical Detail





YAGI Antenna for GSM + 11dB

Performance Data



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YAGI Antenna for GSM + 11dB

2D Pattern @880.0MHz E Plane

Date / Time : 201098 / 18:12

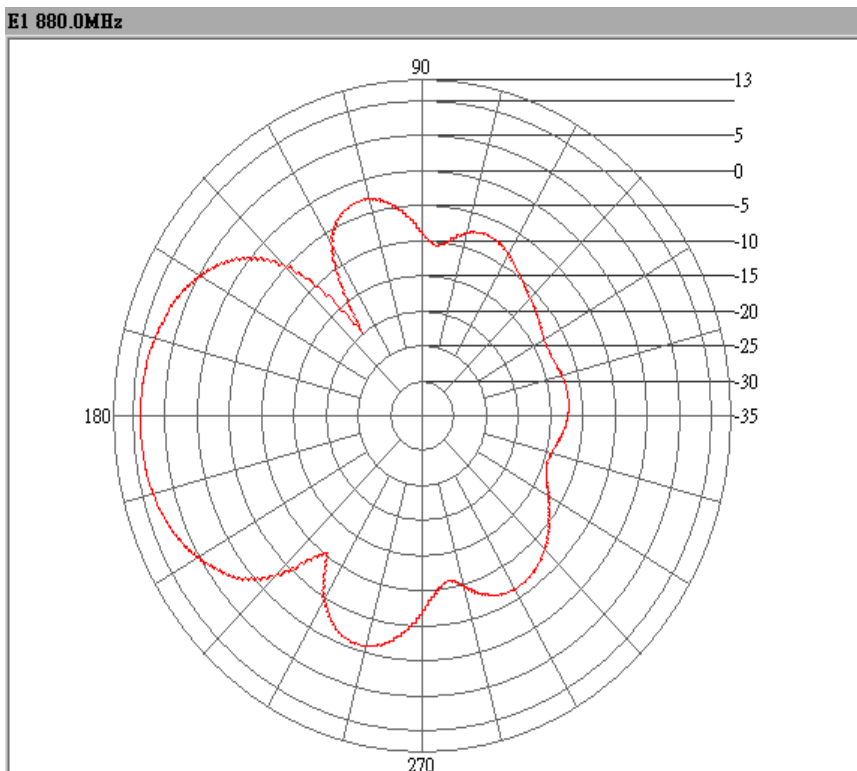
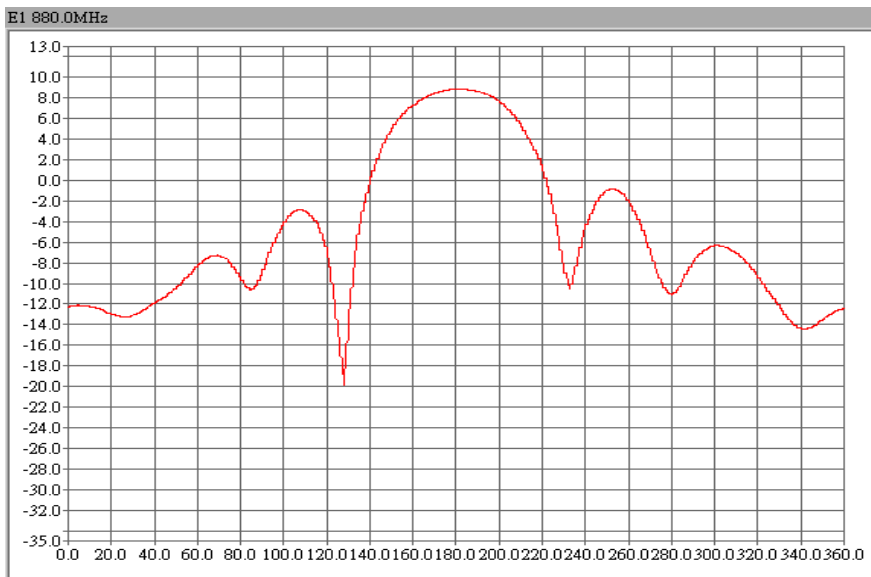
Measurement Distance : 9M*4M*4M (3.6M)

Temperature : 55

Humidity : 20

NETWORK ANALYZER: Agilent 50MHz-20GHz 8720ET

Stand Data: SCHWARZBECK 9120D



Max Gain (dBi)	8.85
Max Gain@Angle (degree)	180
Min Gain (dBi)	-19.85
Min Gain@Angle (degree)	128
Average Gain (dBi)	1.17
-3dB Angle L (degree)	208.4
-3dB Angle R (degree)	153
HPB (degree)	55.4
FBR (dB)	20.95





YAGI Antenna for GSM + 11dB

2D Pattern @880.0MHz H Plane

Date / Time : 201098 / 18:12

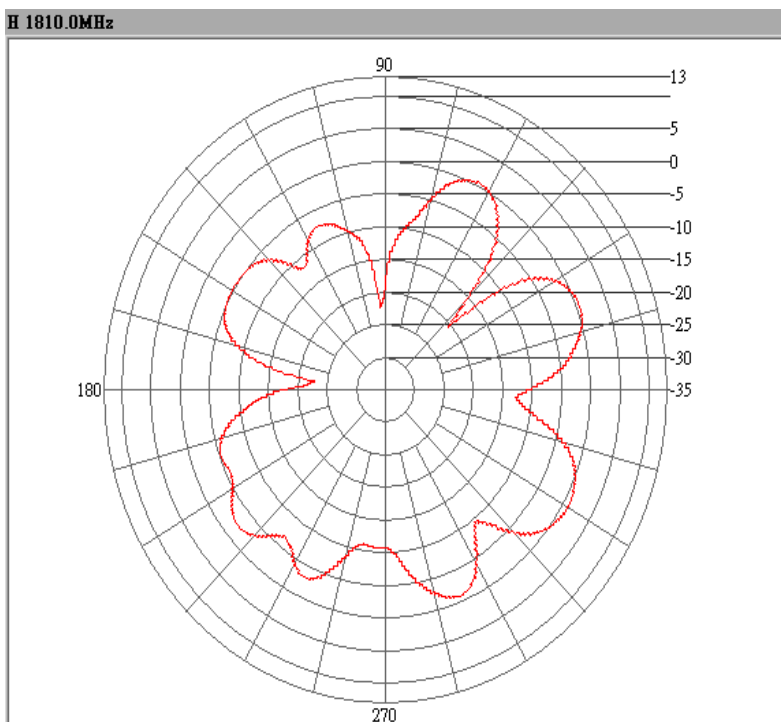
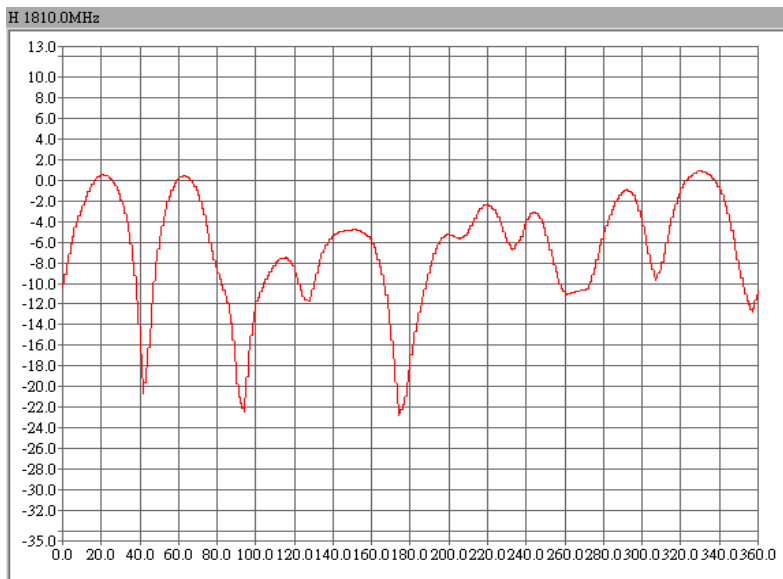
Measurement Distance : 9M*4M*4M (3.6M)

Temperature : 55

Humidity : 20

NETWORK ANALYZER: Agilent 50MHz-20GHz 8720ET

Stand Data: SCHWARZBECK 9120



	H
Max Gain (dBi)	0.93
Max Gain@Angle (degree)	329
Min Gain (dBi)	-22.81
Min Gain@Angle (degree)	174
Average Gain (dBi)	-4.38
-3dB Angle L (degree)	342.7
-3db Angle R (degree)	317.9
HPB (degree)	24.8
FBR (dB)	5.7

