



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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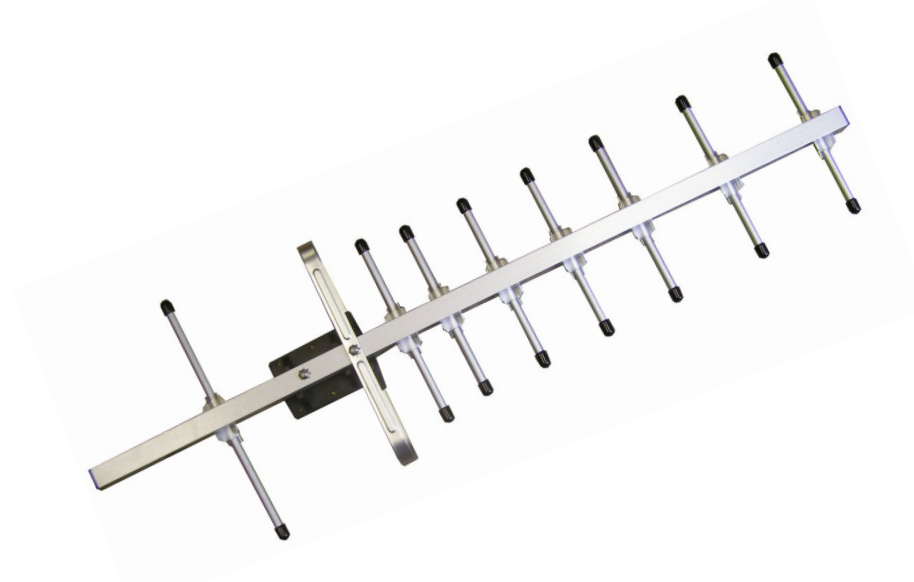
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



YAGI for GSM +11dB

Features

- 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.

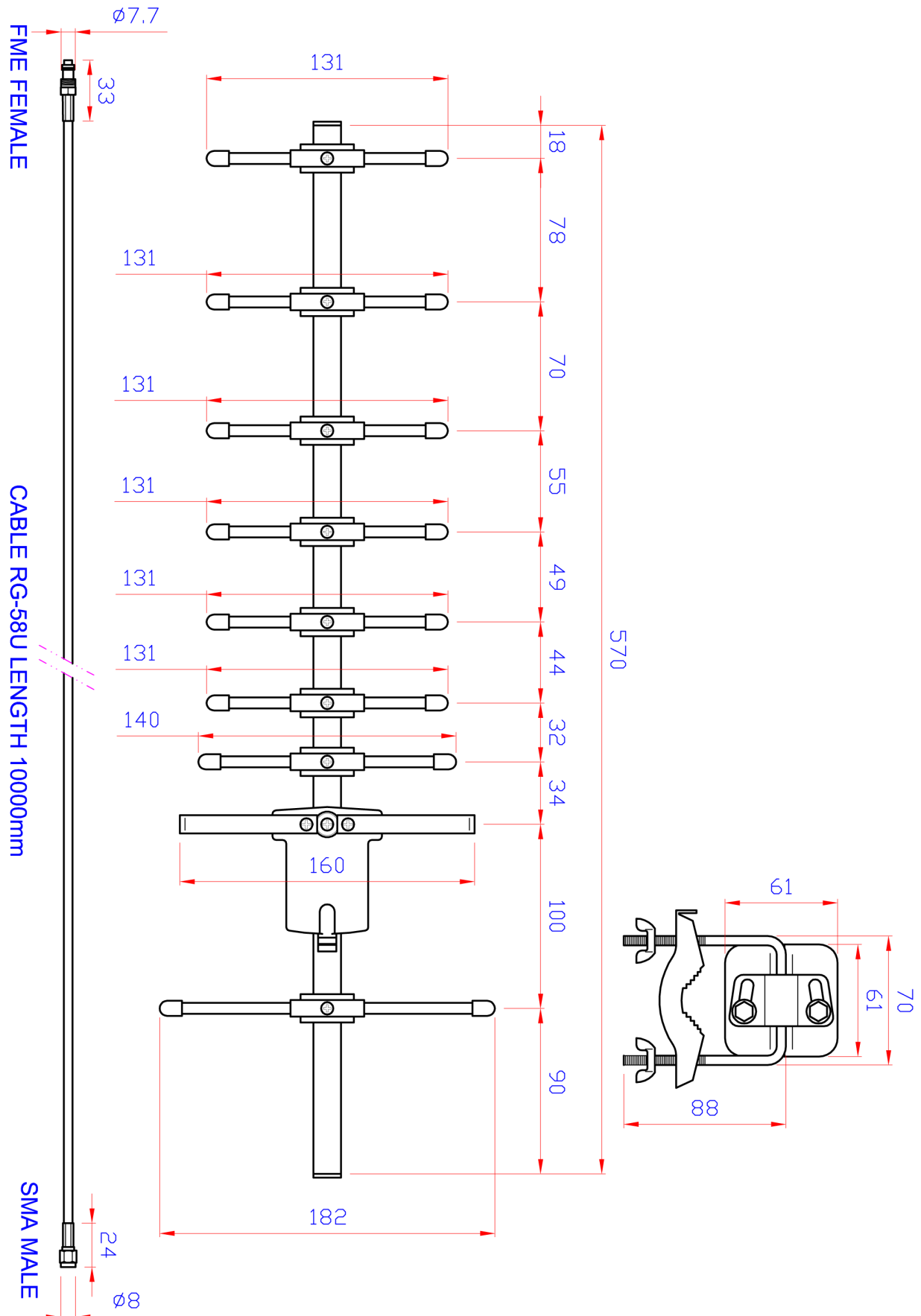
Ordering Information

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

ANT-GSM-YAG11



Mechanical Detail

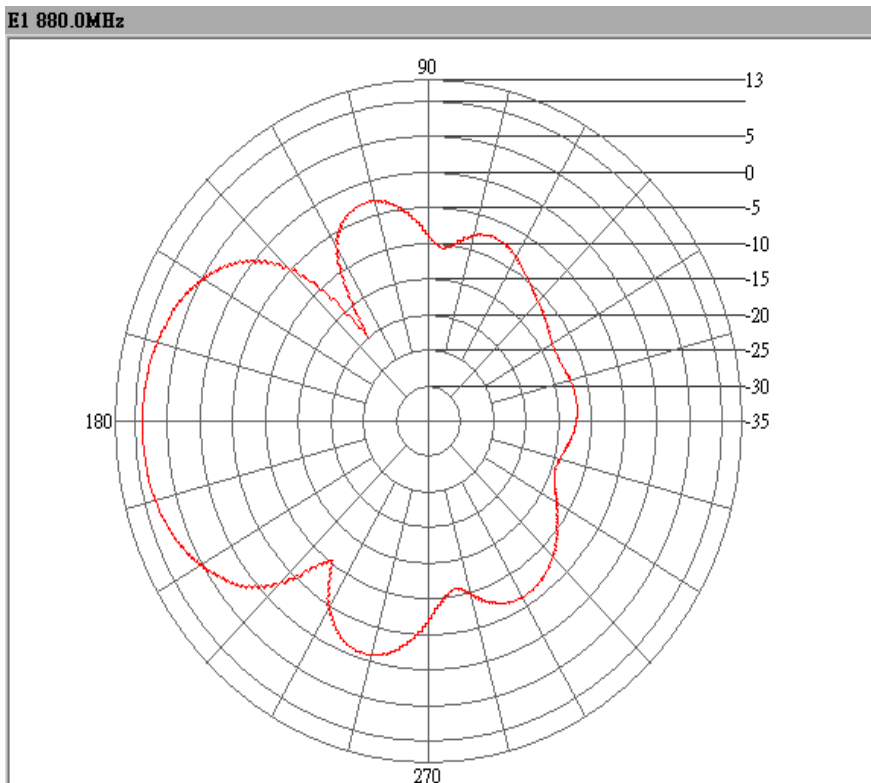
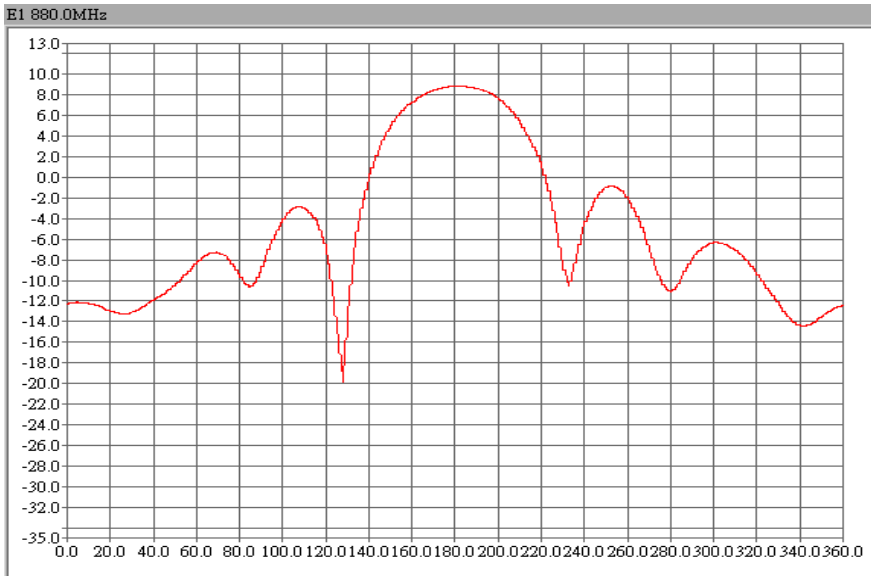


ANT-GSM-YAG11



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



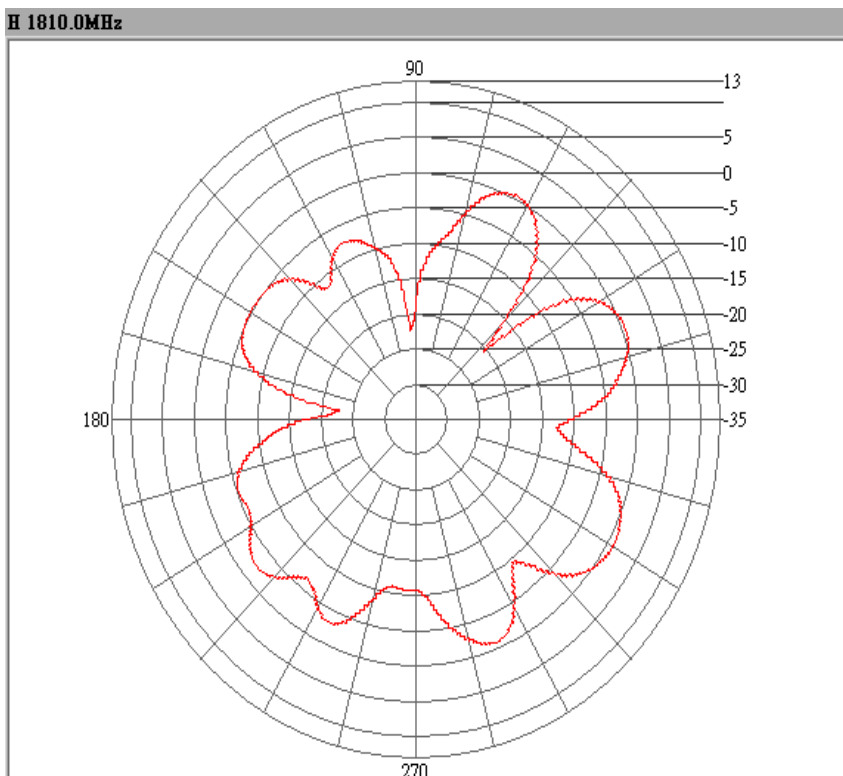
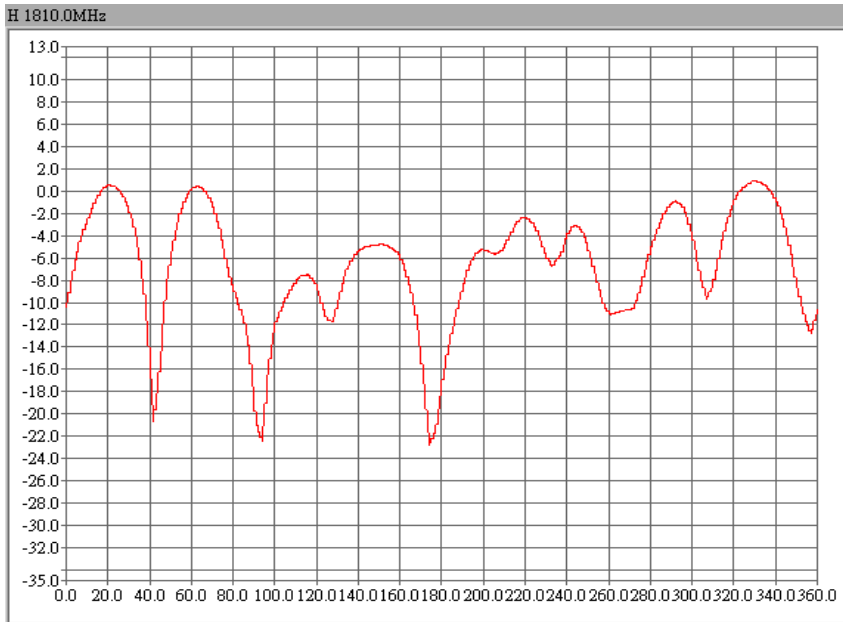
Max Gain (dBi)	8.85
Max Gain@Angle (degree)	180
Min Gain (dBi)	-19.85
Min Gain@Angle (degree)	128
Average Gain (dBi)	1.17
-3dB Angle L (degree)	208.4
-3db Angle R (degree)	153
HPB (degree)	55.4
FBR (dB)	20.95

ANT-GSM-YAG11



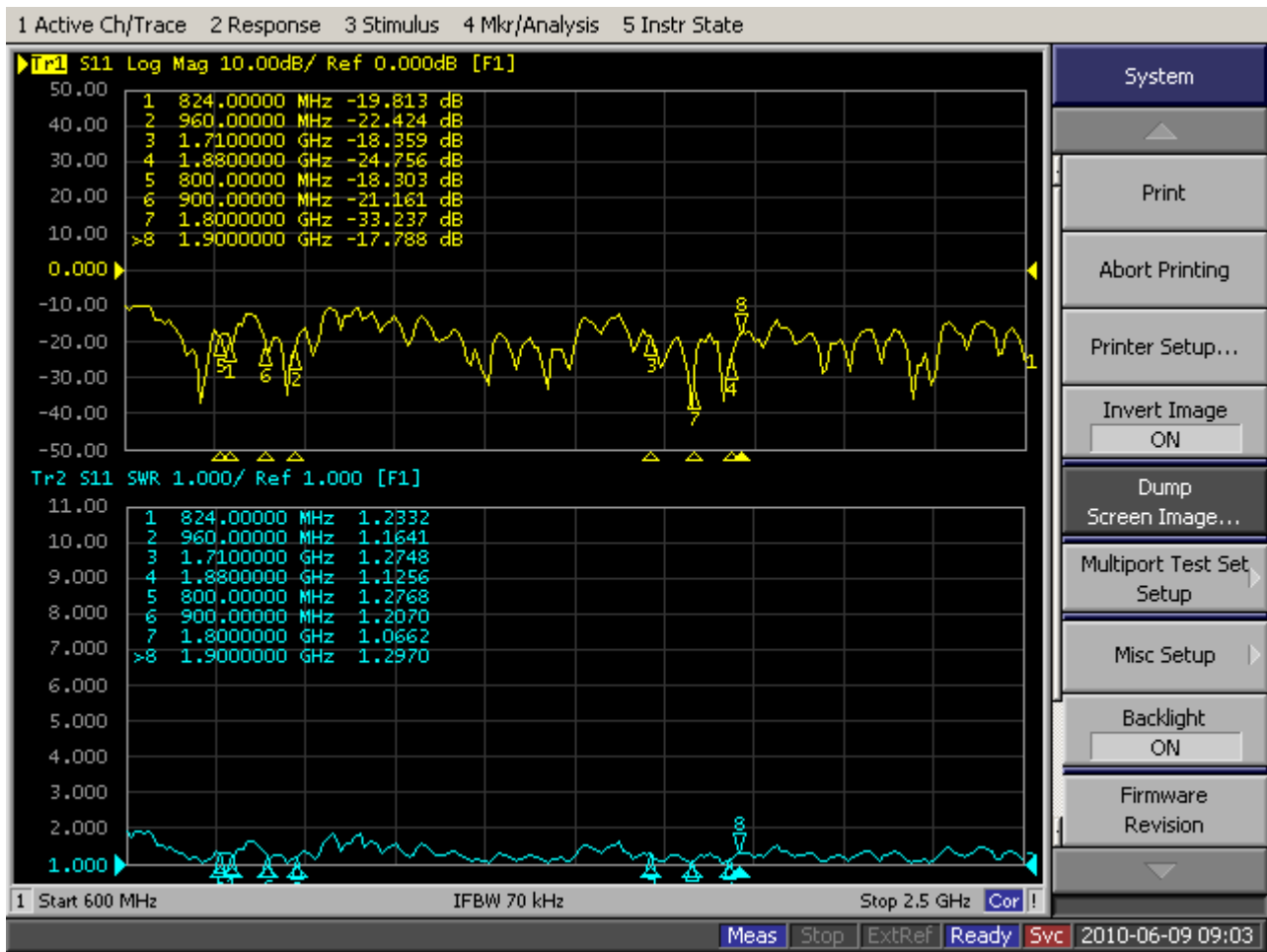
2D Pattern @880.0MHz H Plane

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

Performance Data



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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