



Key Features

- Magnetic mount
- Flexible connector and cable options
- Quad band GSM & 3G frequencies
- RoHS compliant
- 3dBi gain
- 105mm x 35mm Ø

General Description

The Siretta Mike 1A magnetic mount antenna is a very popular, versatile antenna used by many users of GSM/ GPRS & 3G.

With a variety of connector options and cable lengths, this unit is ideally suited to metering or alarm panels as well as manufacturers evaluation kits as it provides a fast, reliable fit for installers.

Additional Considerations

- Great for temporary installations, evaluation kits or on metal surfaces
- Allows easy selection and quick integration to metal surfaces
- Operates on all 4 worldwide cellular network frequencies
- Meets all EU compliance criteria for electronic goods

Rev 1.4

Key Specifications - Electrical

Temperature range:	-45 to +75°C
Impedance:	50 ohm
Gain:	3dBi
VSWR:	≤1.5
Max input power:	60W
Operating frequency:	850-900, 1800-1900, 2100MHz
Polarization:	Vertical
Radiating element:	Whip

Key Specifications - Mechanical

Dimensions:	105mm x 34mm Ø
Cable:	RG174
Connector:	Please refer to options table below
Mounting method:	Magnetic

Gain

GSM

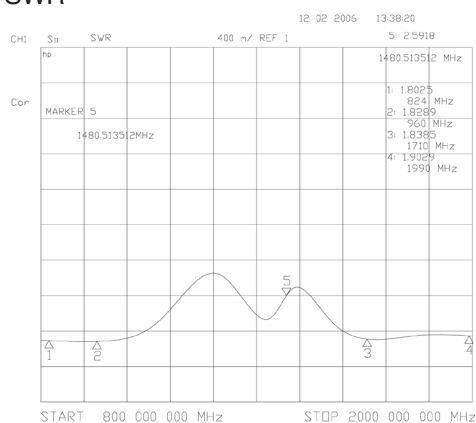
850MHz:	3.78dBi
900MHz:	4.33dBi
1800MHz:	-9.18dBi
1900MHz:	-7.99dBi

3G

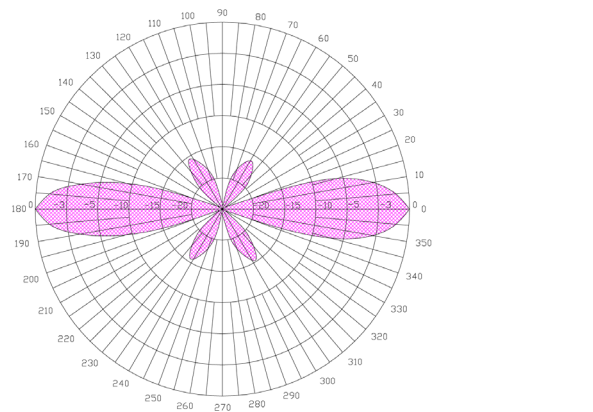
2100MHz:	-3.42dBi
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Test Reports

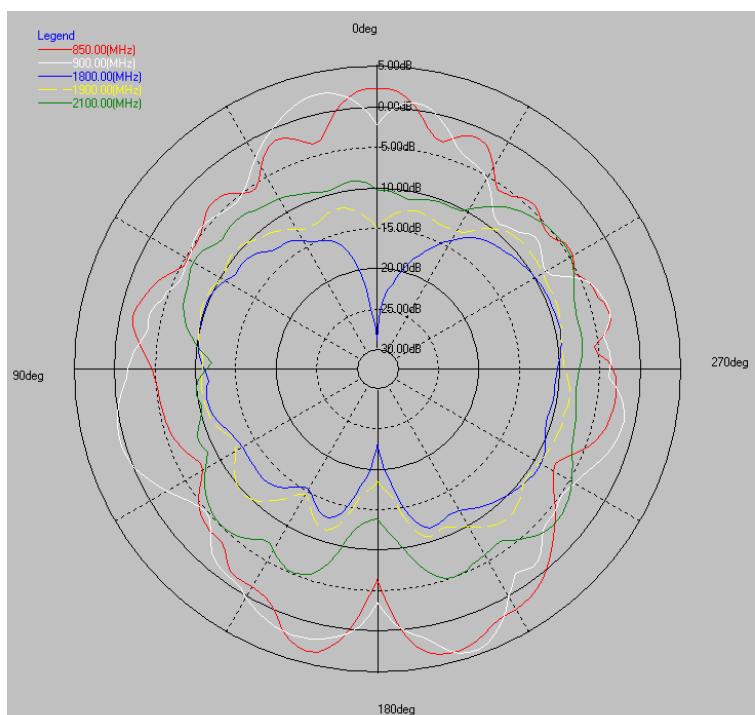
VSWR



Radiation Pattern



Gain vs. Frequency Graph



UL Tested (Basingstoke, UK)
Part: MIKE 1A

Ordering Details:

Part Number	Description
MIKE1A/1.2M/SMAM/S/S/20	Stubby Magnetic Mount Quad Band GSM & 3G Antenna, 1.2m Cable, SMA Male Connector
MIKE1A/2.5M/SMAM/S/S/20	Stubby Magnetic Mount Quad Band GSM & 3G Antenna, 2.5m Cable, SMA Male Connector
MIKE1A/2.5M/FMEF/S/S/20	Stubby Magnetic Mount Quad Band GSM & 3G Antenna, 2.5m Cable, FME Female Connector
MIKE1A/5M/FMEF/S/S/20	Stubby Magnetic Mount Quad Band GSM & 3G Antenna, 5m Cable, FME Female Connector
MIKE1A/5M/SMAM/S/S/20	Stubby Magnetic Mount Quad Band GSM & 3G Antenna, 5m Cable, SMA Male Connector