



THE DATASHEET OF DELTA2A/X/SMAM/S/RA/11





Delta 2A

Quad Band GSM, 3G & ISM Stubby Antenna

Key Features

- Small size
- Quad band GSM and 3G
- ISM: 868 and 915MHz
- Groundplane independent



General Description

The Delta 2A Multiband antenna combines good performance with a small size, enabling its use with many of today's GSM / GPRS, 3G and ISM products.

The omni directional, radiating element is over moulded in black high-grade rubber, which allows flexibility and provides a rugged stylish finish.

Terminated with an SMA male or SMA RP right angle connector, it is suited to applications like Point of Sale terminals, metering or alarm panel equipment.

Additional Considerations

- Suitable for GSM / GPRS and 3G terminal equipment
- Meets all EU compliance criteria for electronic goods





Delta 2A

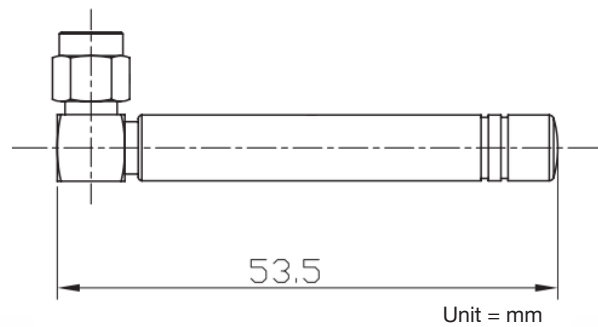
Quad Band GSM, 3G & ISM Stubby Antenna

Electrical Specifications

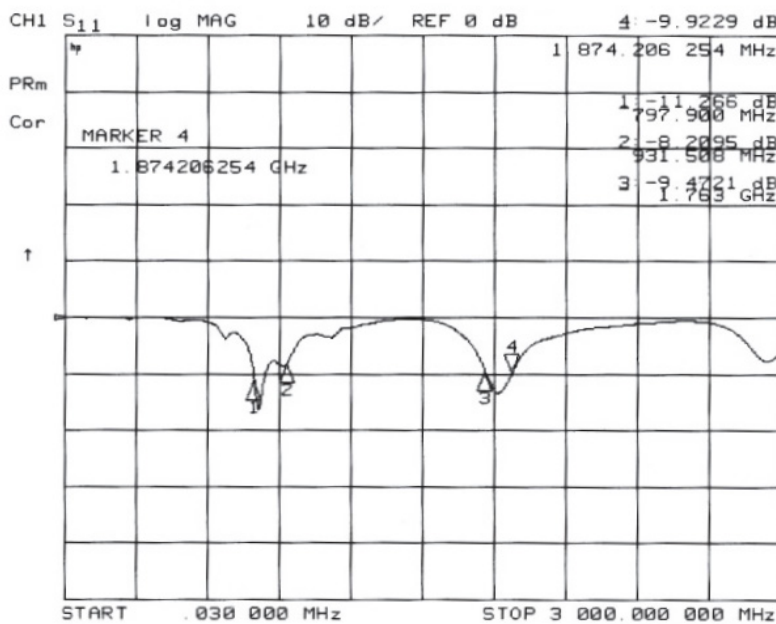
Operating Temperature range:	-20 - +60°C
Storage Temperature range:	-30 - +75°C
Impedance:	50 Ohm
VSWR:	2.0
Gain:	2.0 dBi
Operating Frequencies:	GSM: 800, 900, 1800, 1900MHz 3G: 2100MHz ISM: 868, 915MHz
Radiation:	Omni Directional
Polarization:	Vertical

Mechanical Specifications

Dimensions:	L53.5mm
Connector:	Right angle SMA male, SMA RP
Mounting Method:	Direct connect
Connector plating:	Gold/Nickel



Return Loss



VSWR

Frequency	dB
797.9 MHz	1.752
931.5 MHz	2.271
1763 MHz	2.012
1874 MHz	1.937

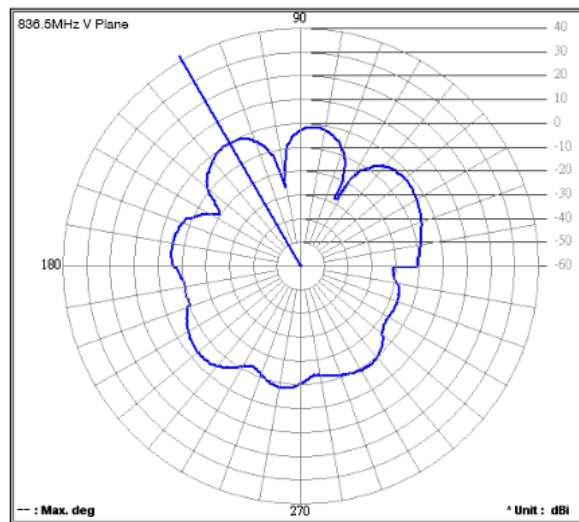
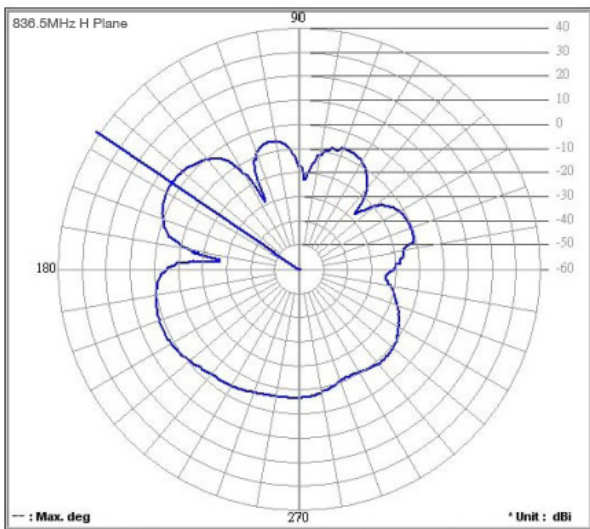


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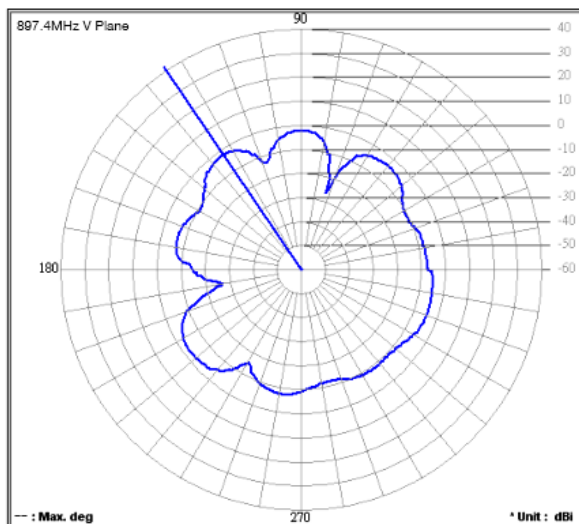
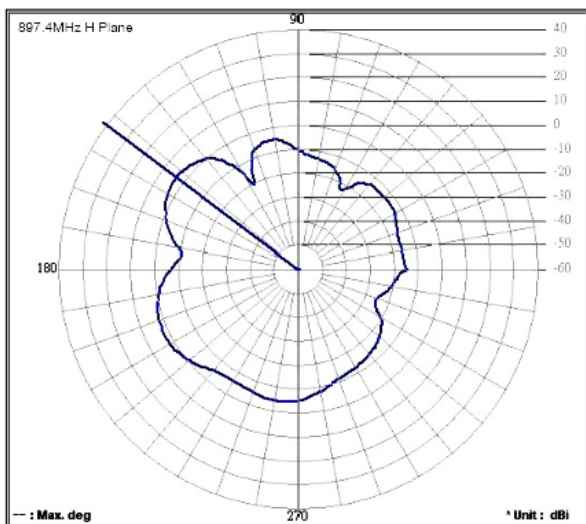
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Radiation Plots

836.5MHz



897.4 MHz

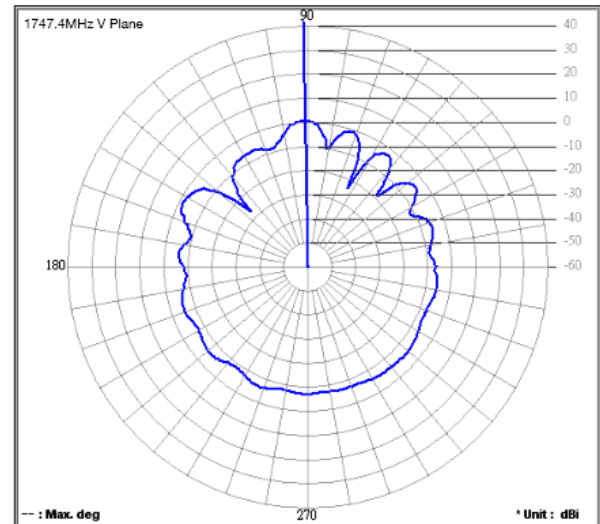
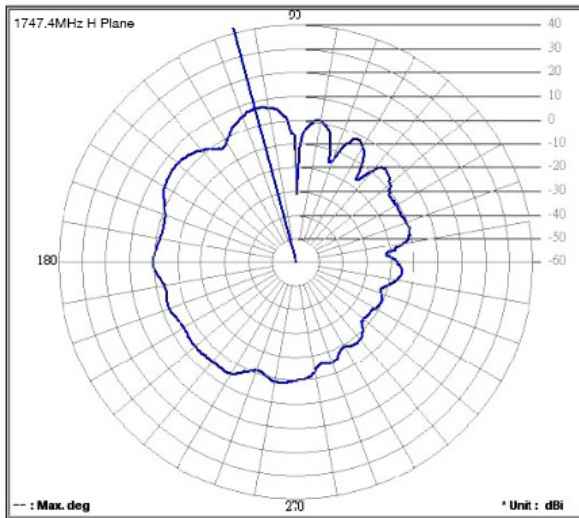




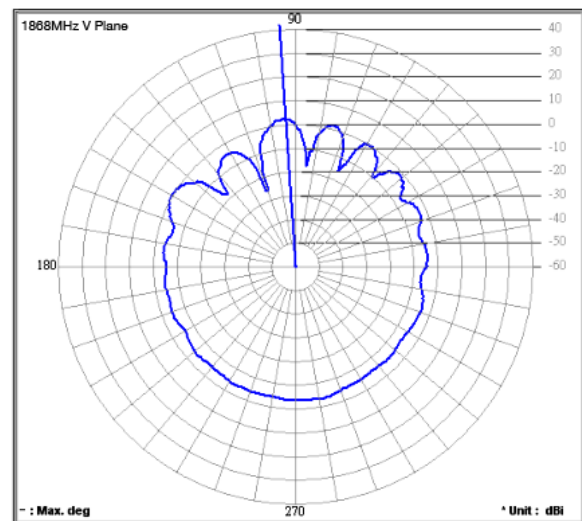
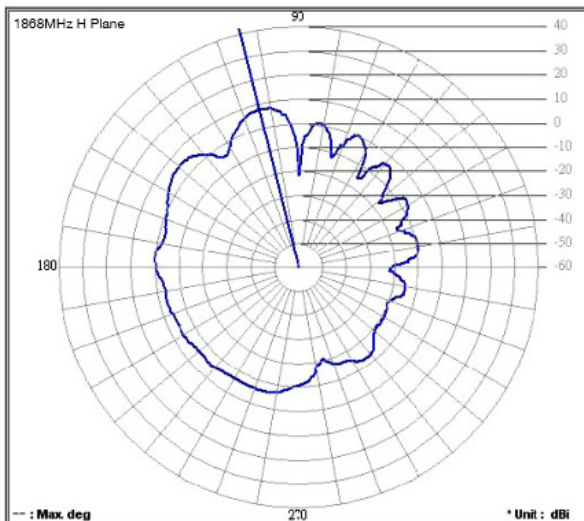
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1747.4 MHz



1868 MHz





Ordering Details

Part number	Description
DELTA2A/X/SMAM/S/RA/11	Quad Band GSM/GPRS 3G & ISM Antenna SMA Male Right Angle

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