

Oscar 42

Fibreglass compact 3G/4G omni-directional antenna



Key Features

- Compact design at 300mm length
- Weatherproof fibreglass construction
- 700-960, 1700-2700MHz range
- Gain: 1dB, 4dB typical

General Description

The Oscar 42 is a compact, weatherproof, 3G, 4G and Quad GPRS multiband antenna designed for wall / bracket mounting.

The Oscar 42 is intended to be completely weatherproof in its construction and comes with a stainless steel wall mounting bracket.

The antenna itself is fixed to the bracket using the mating half of the N-type connector which is fitted to the feeder cable.

Suitable cables for the Oscar 42 are available from Siretta and popular cable lengths are 5m, 10m and 15m.

Additional Considerations

- Compact antenna
- 100% weatherproof
- Several sizes of cable length are available, as additional items

Oscar 42

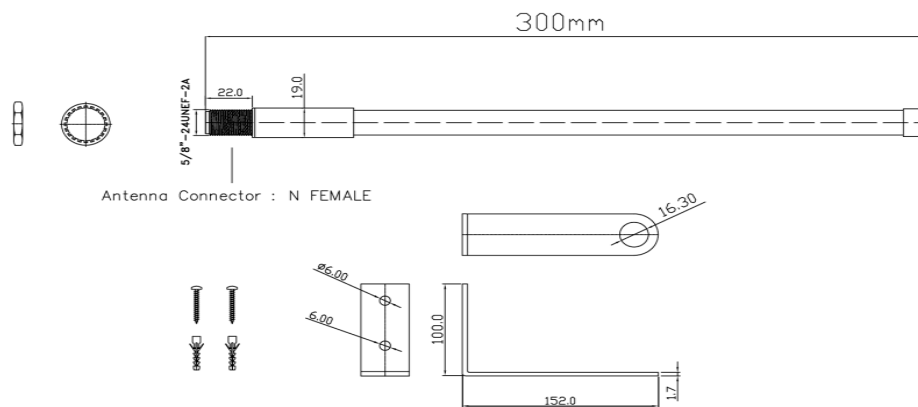
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Electrical Specifications

Temperature Range:	-40 - +65°C
Impedance:	50 Ohm
Gain:	700-960MHz 1dBi 1700-2700MHz 4dBi
VSWR:	<3.7:1
Frequency range:	700-960MHz/1700-2700MHz
Polarization:	Vertical

Mechanical Specifications

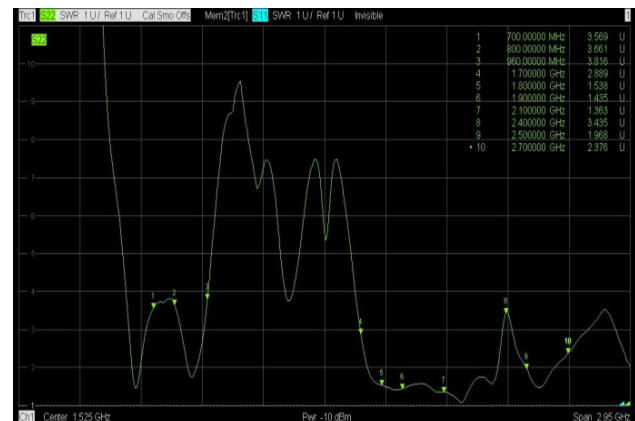
Dimensions:	L300 x 19mm Ø
Connector:	N Female
Radome Material:	Fibreglass



Return Loss



VSWR

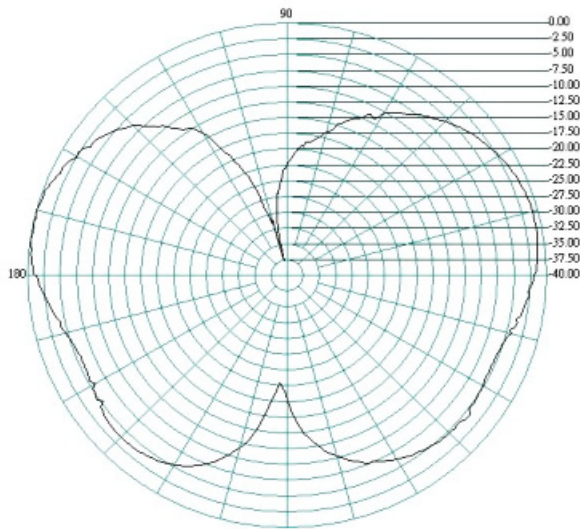


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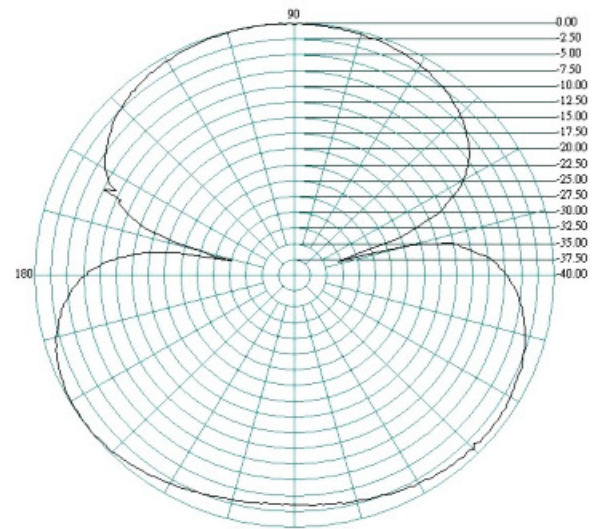
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Radiation Patterns

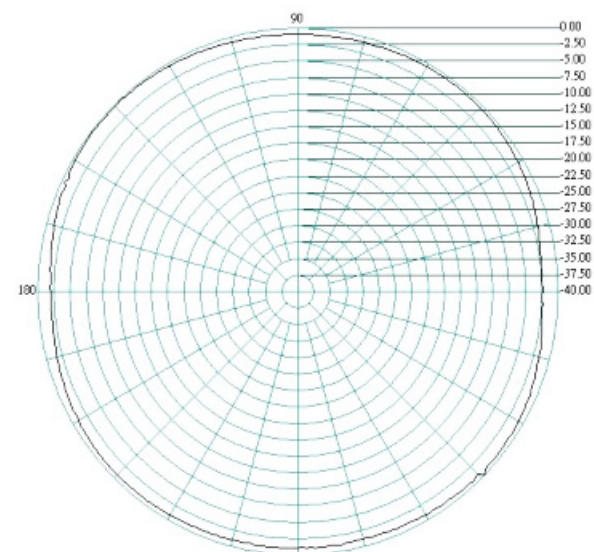
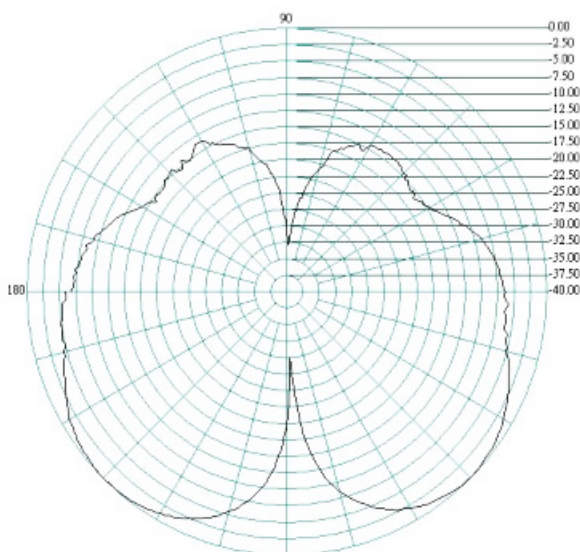
E-Plane 700MHz



H-Plane



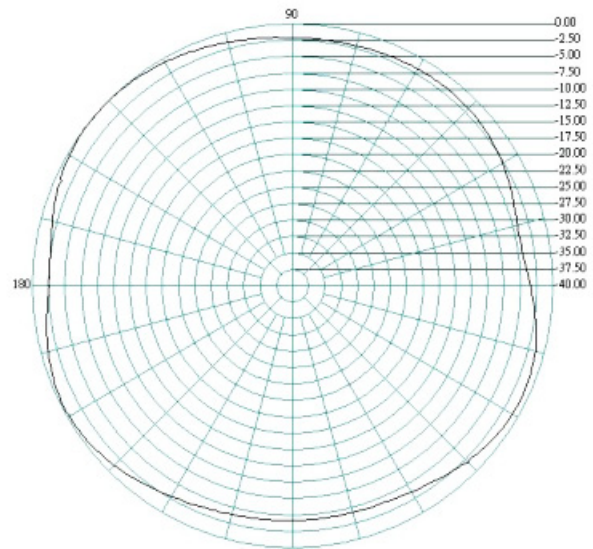
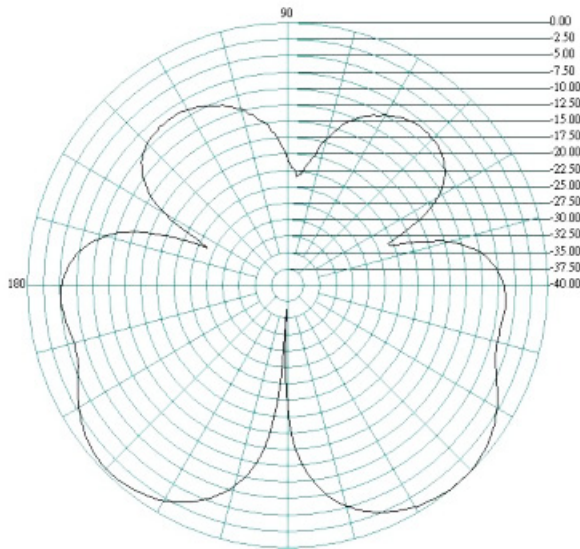
800MHz



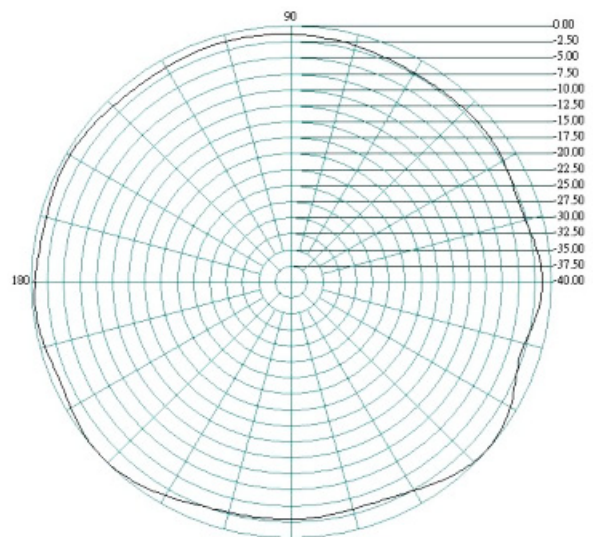
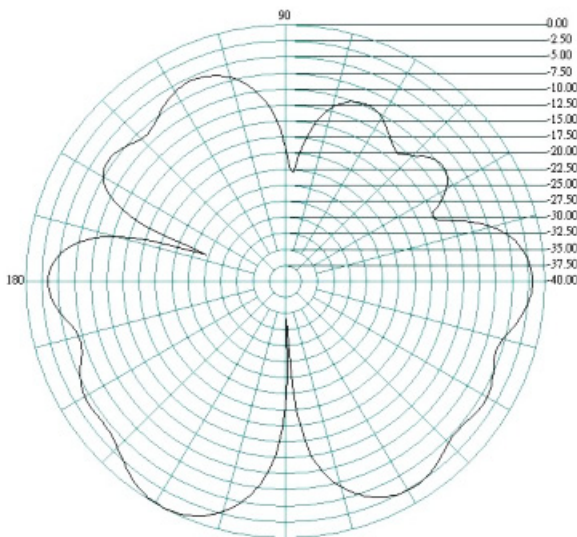
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900MHz



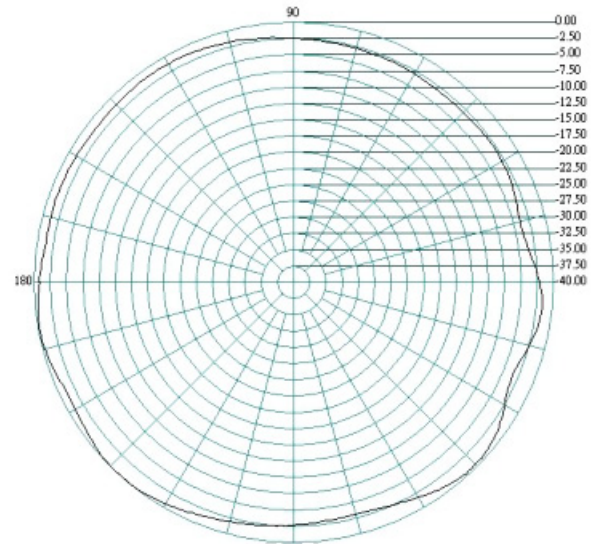
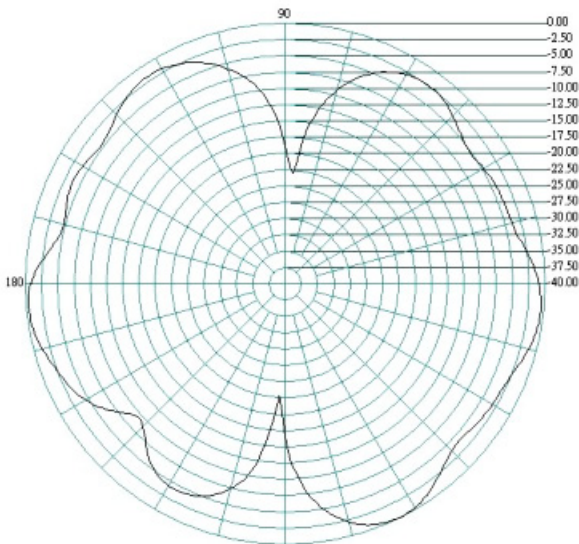
1700MHz



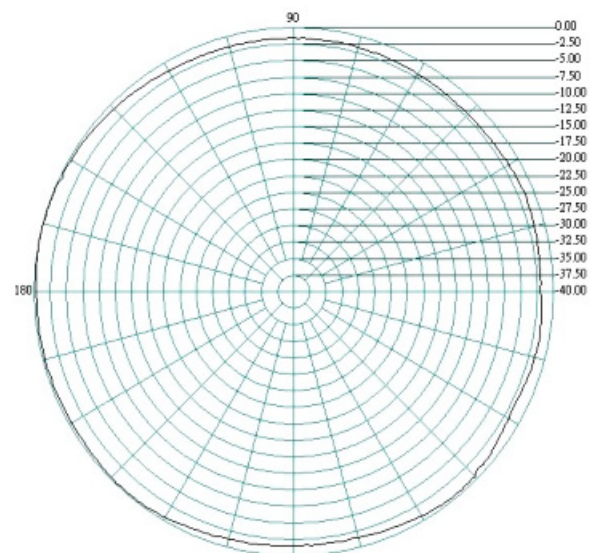
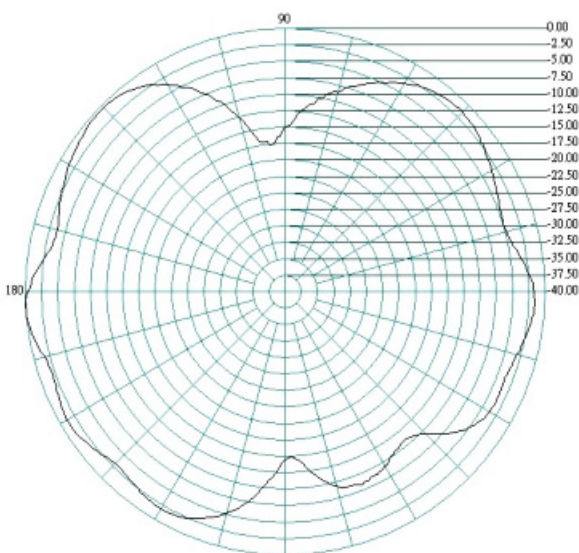
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1800MHz



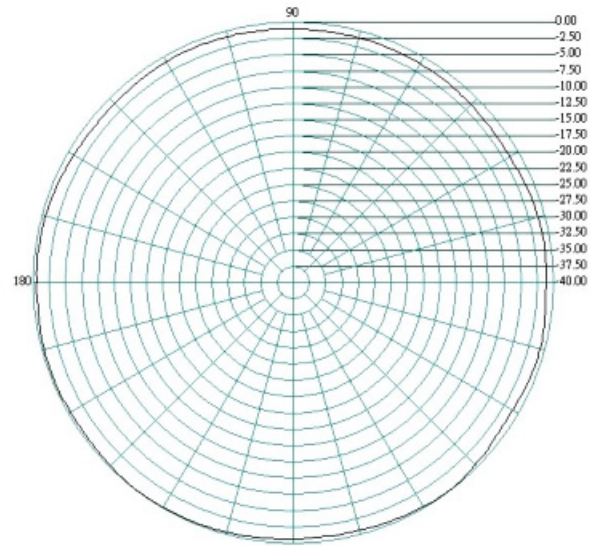
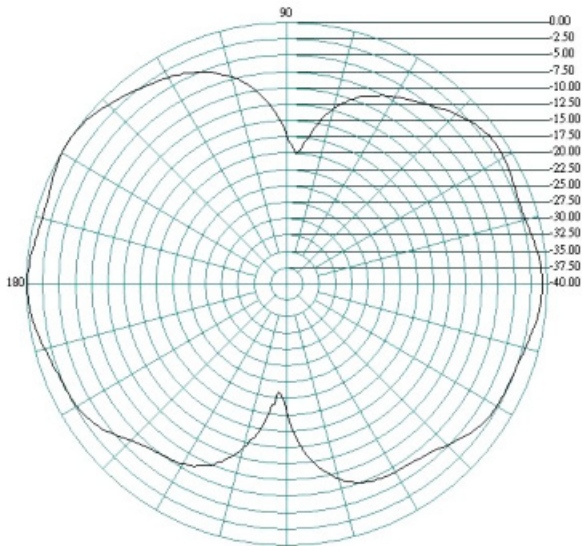
1900MHz



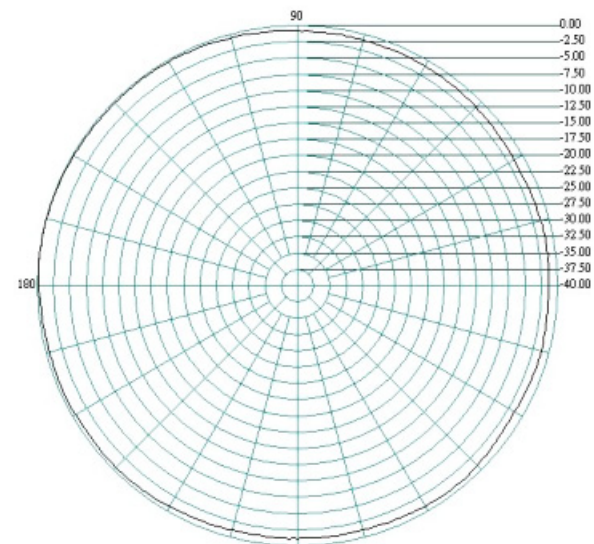
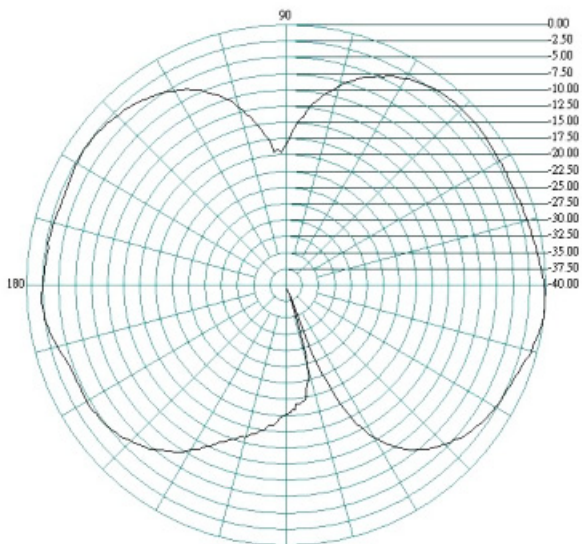
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2100MHz



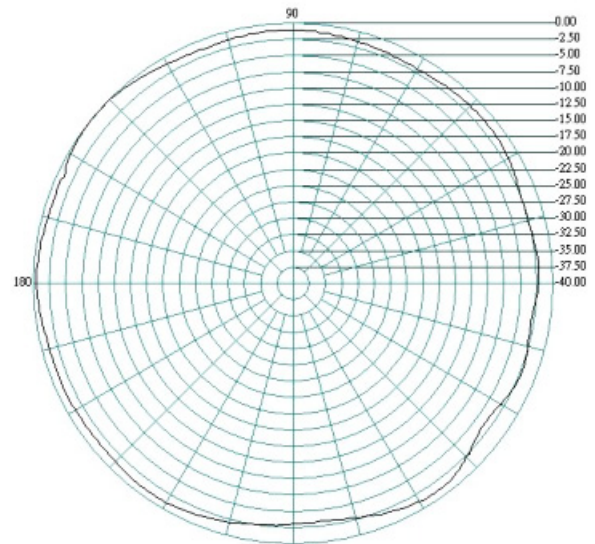
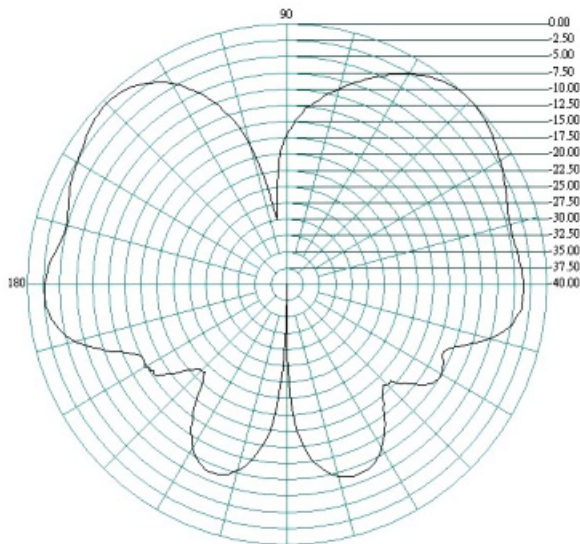
2200MHz



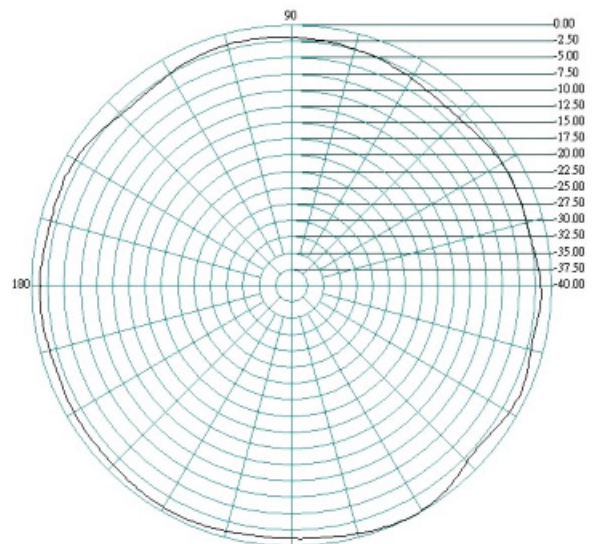
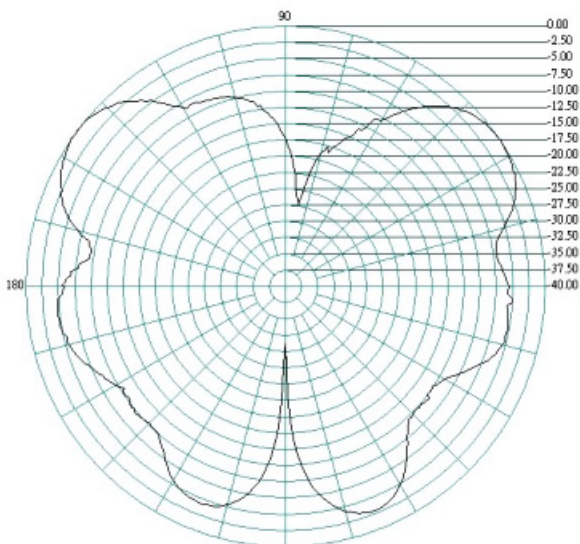
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2400MHz



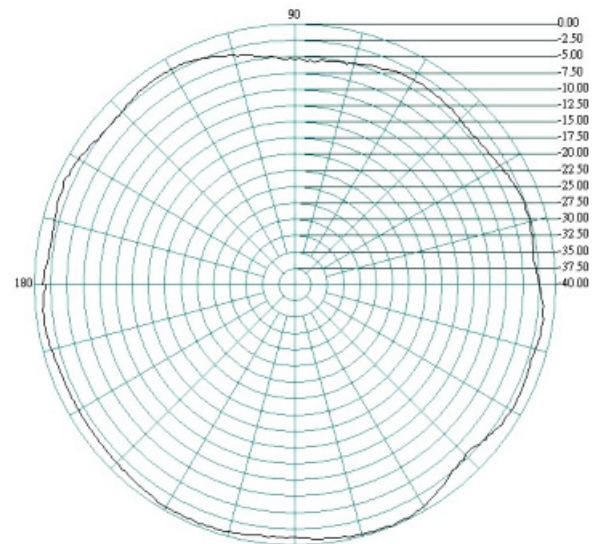
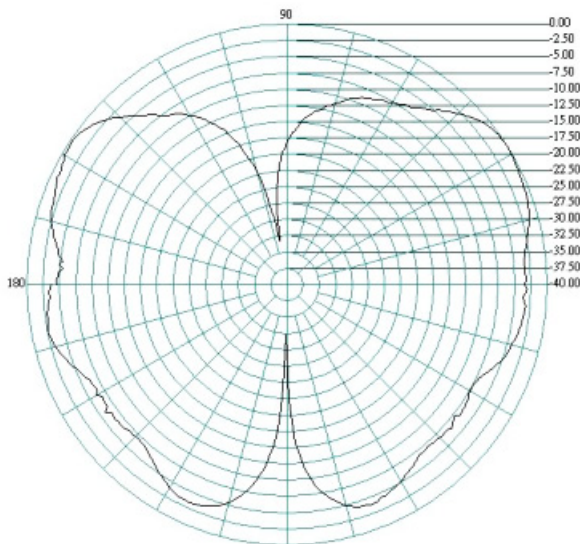
2500MHz



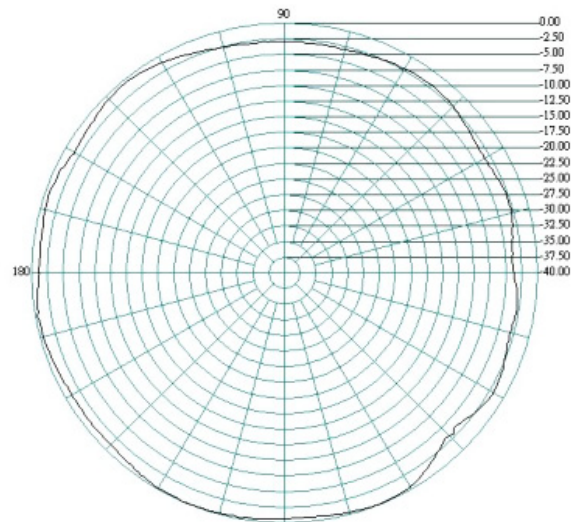
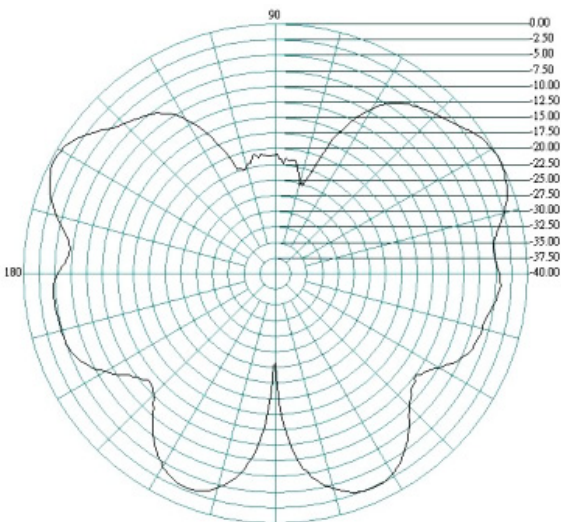
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2600MHz



2700MHz



Ordering Details

Part Number	Description
OSCAR42/X/NTYPEF/S/S/19	Fibreglass compact 3G/4G omni-directional antenna