



Oscar 42b

Fibreglass compact 2G/3G/4G omni-directional antenna



Key Features

- Compact design
- 700-960, 1700-2700MHz range
- Gain: 1dB, 4dB typical
- Designed for Enclosure Mounting

General Description

The Oscar 42 is a compact, weather resistant, Quad band GPRS/3G and 4G multiband antenna designed for enclosure mounting.

The Oscar 42 is weather resistant in its construction 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. 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 42b

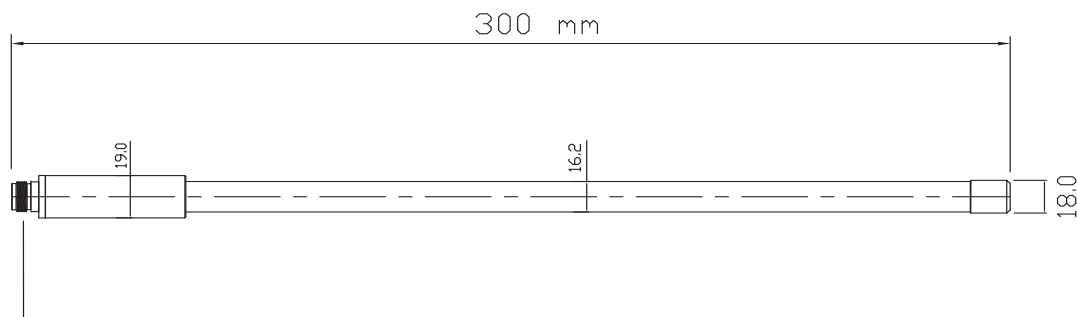
Fibreglass compact 2G/3G/4G omni-directional antenna

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

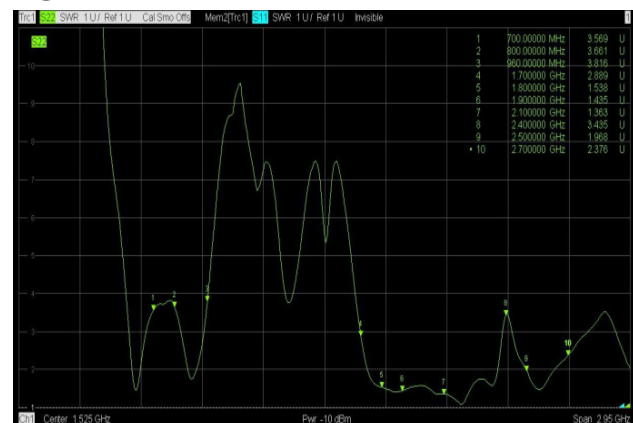


ANTENNA CONNECTOR : N FEMALE

Return Loss



VSWR



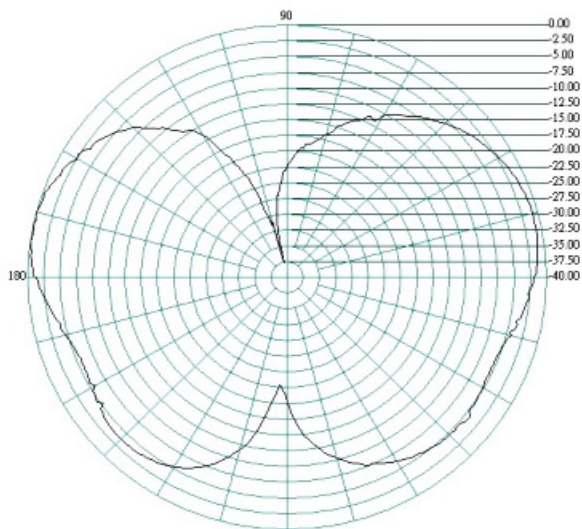


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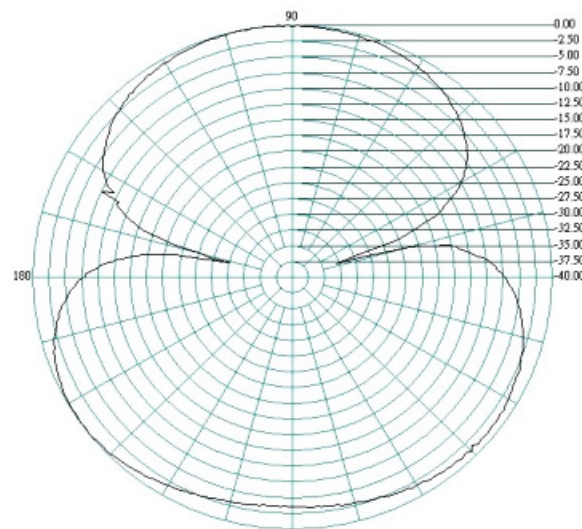
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Radiation Patterns

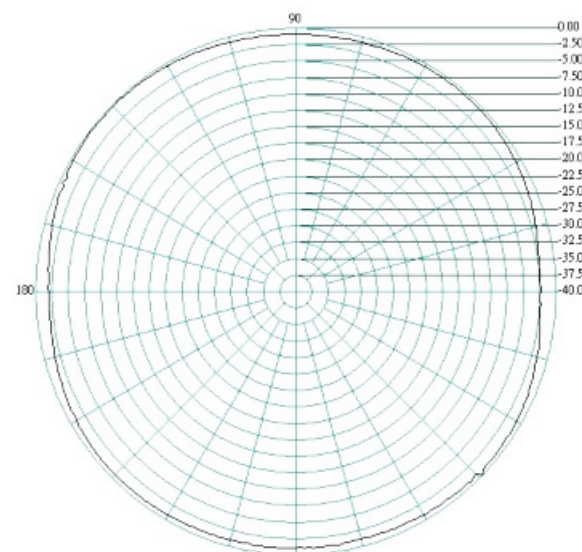
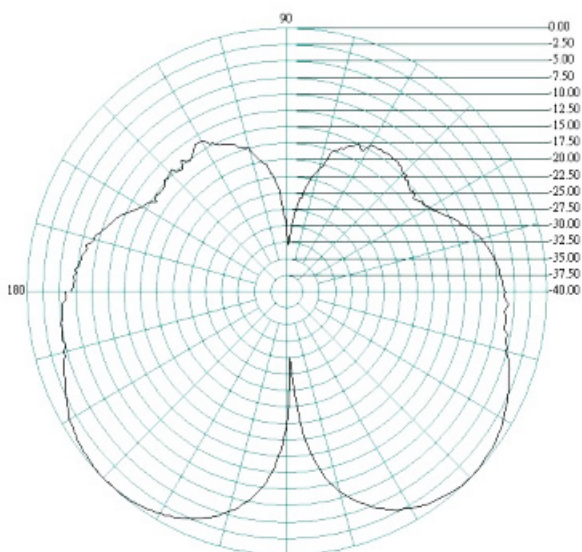
E-Plane 700MHz



H-Plane



800MHz

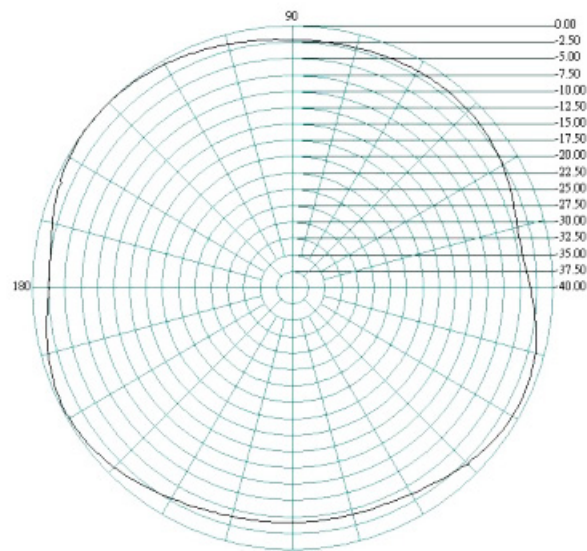
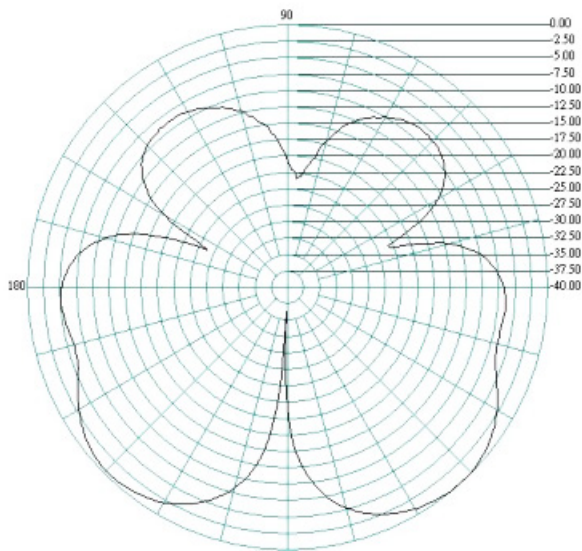




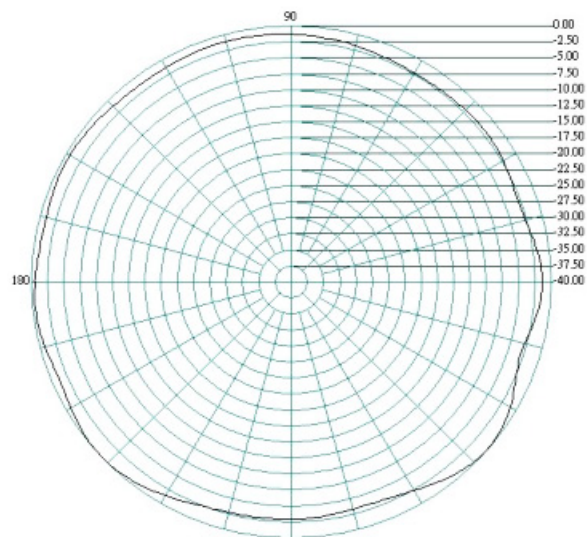
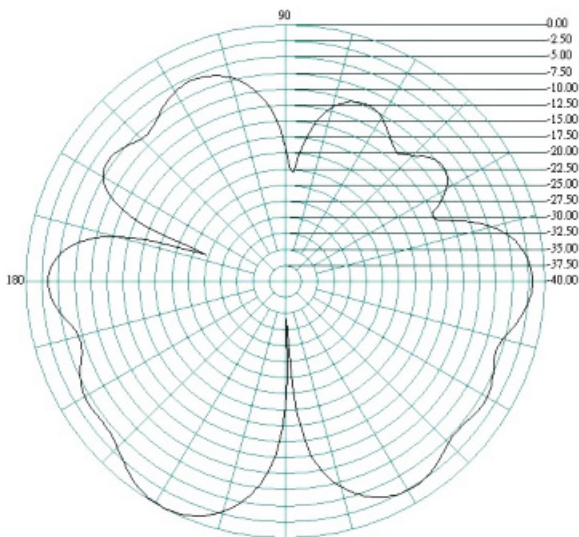
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900MHz



1700MHz

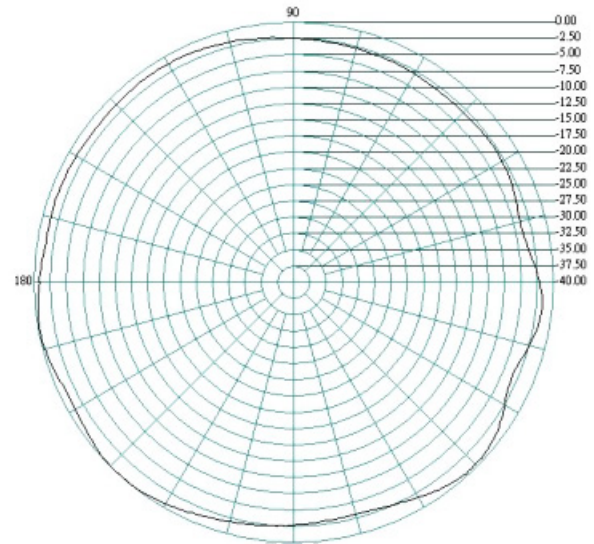
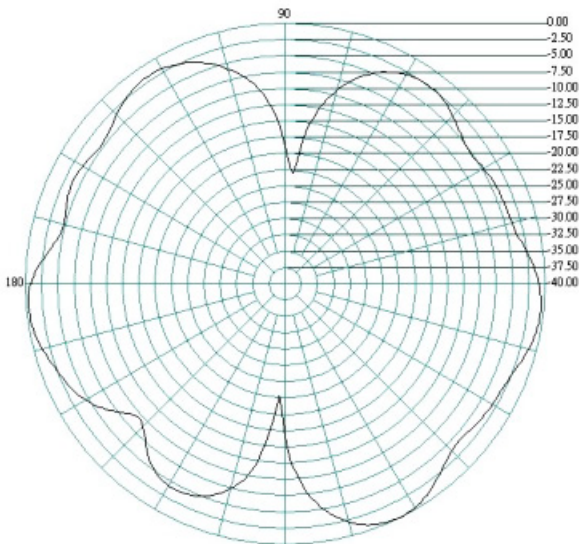




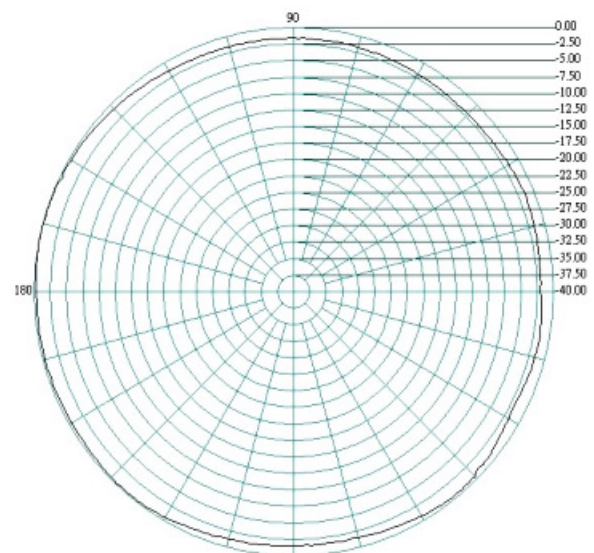
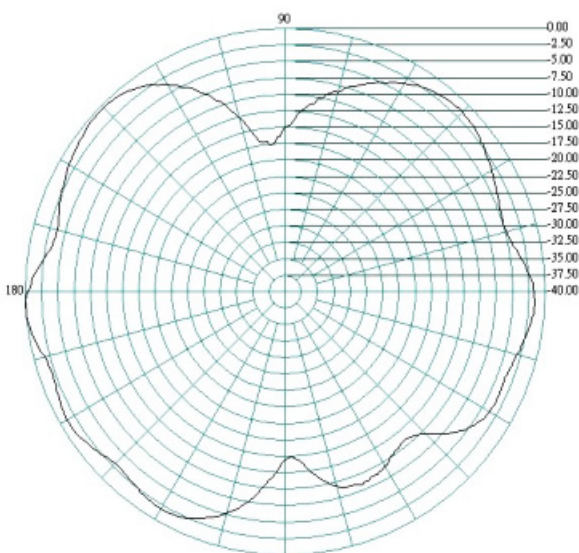
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1800MHz



1900MHz

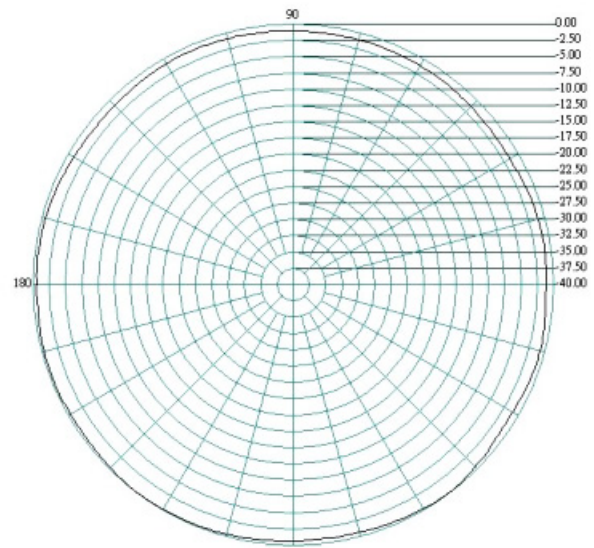
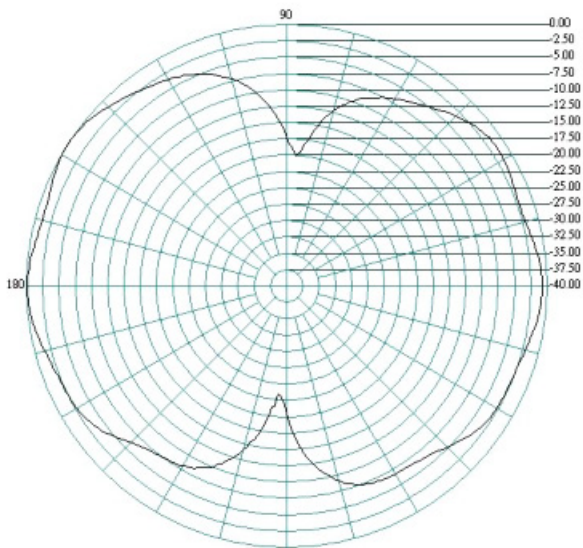




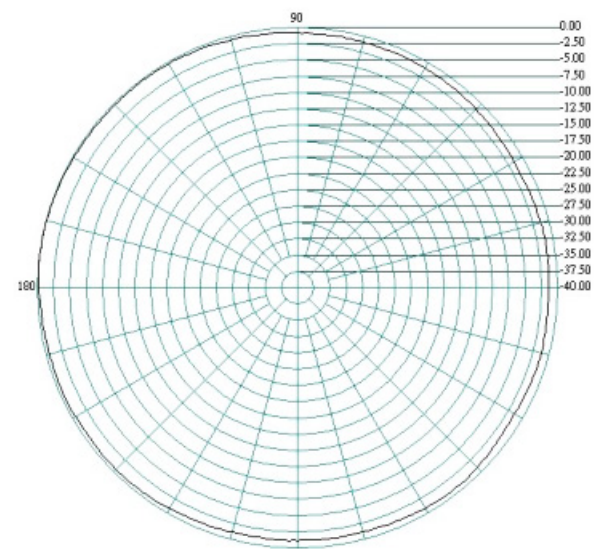
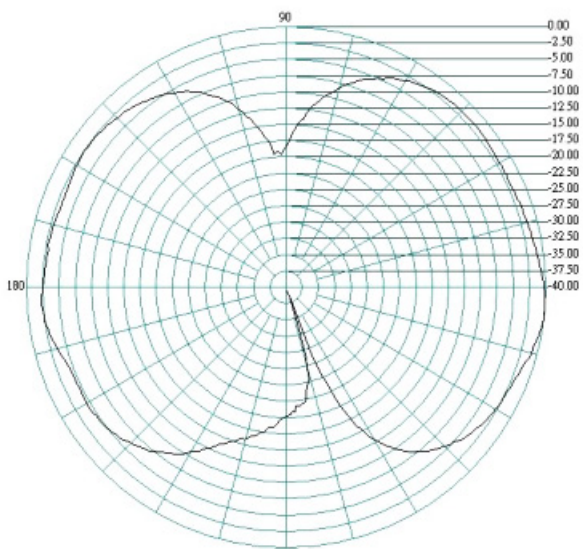
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2100MHz



2200MHz

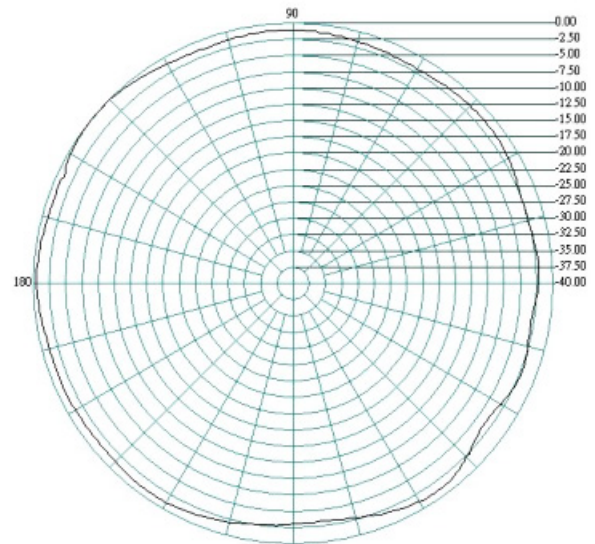
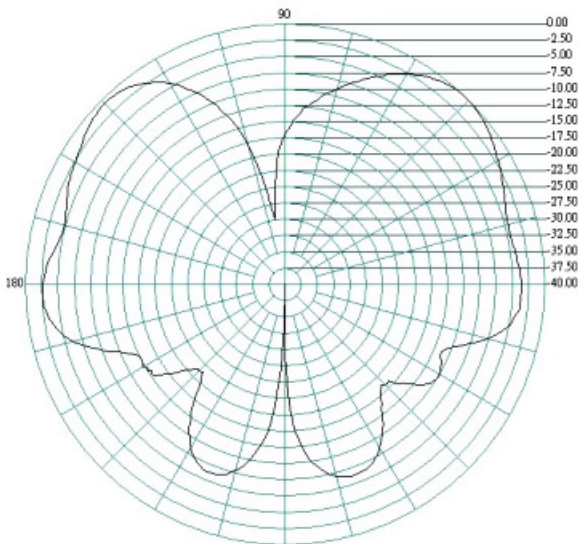




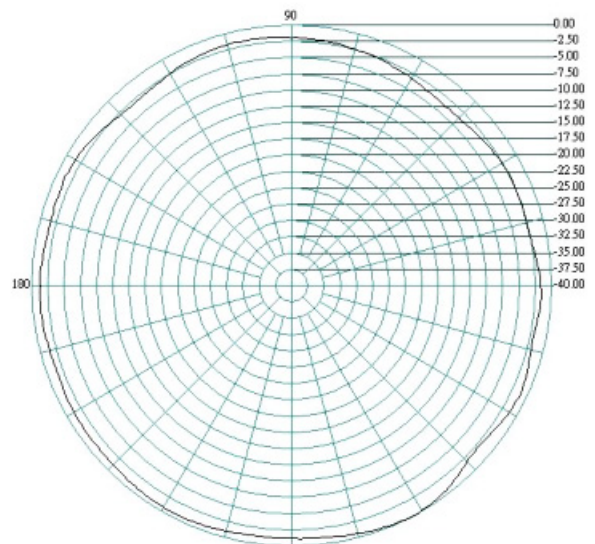
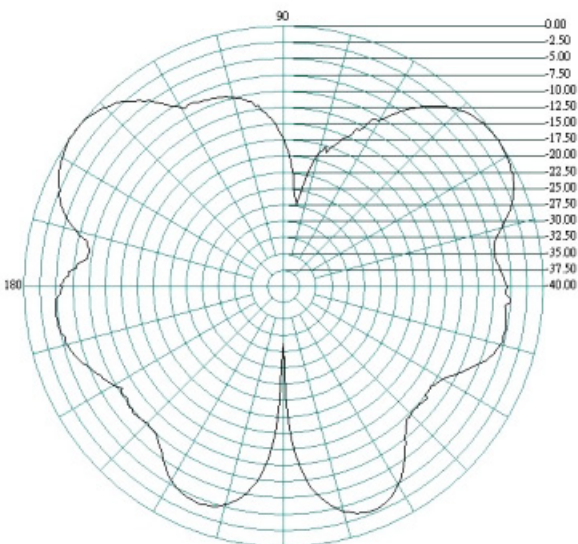
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2400MHz



2500MHz

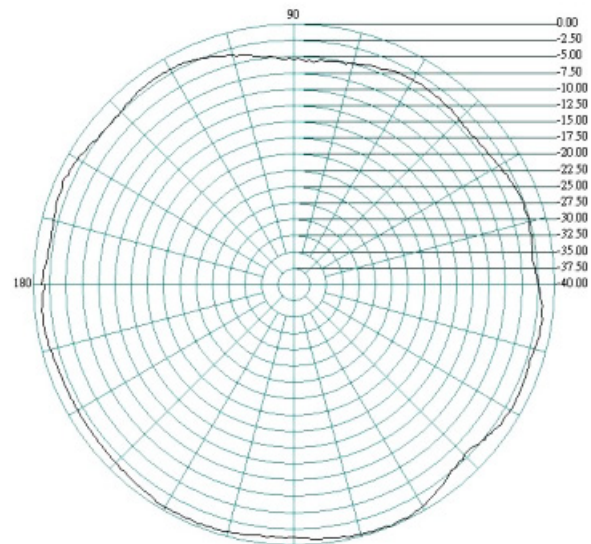
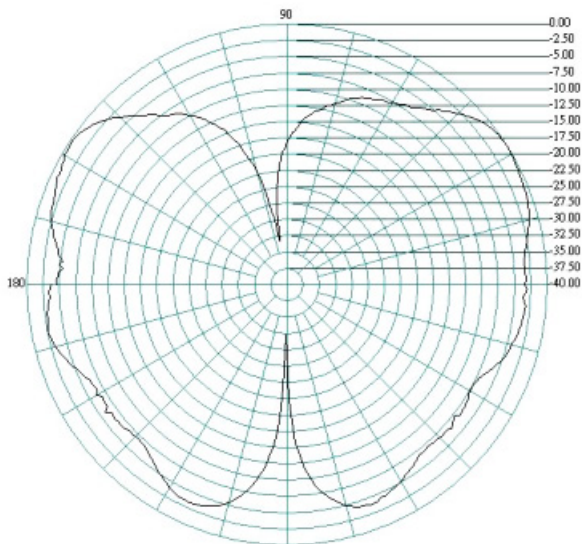




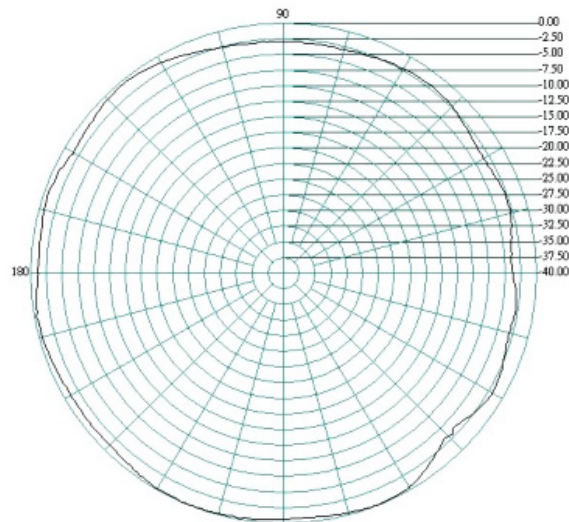
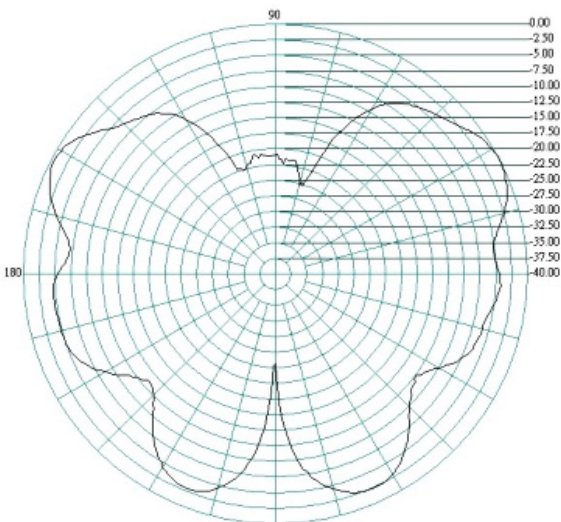
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Fibreglass compact 2G/3G/4G omni-directional antenna

2600MHz



2700MHz



Ordering Details

Part Number	Description
OSCAR42b/X/NTYPEF/S/S/19	Fibreglass compact 3G/4G omni-directional antenna