



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

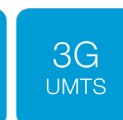
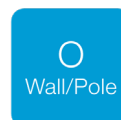
The Oscar 42 is a compact, weather resistant, Quad band GPRS/3G and 4G multiband antenna designed for enclosure mounting.

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





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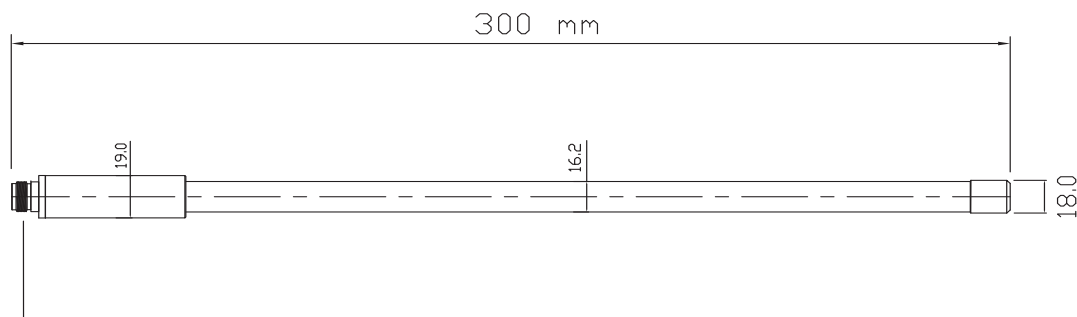
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Electrical Specifications

| | |
|--------------------|--------------------------------------|
| 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 |

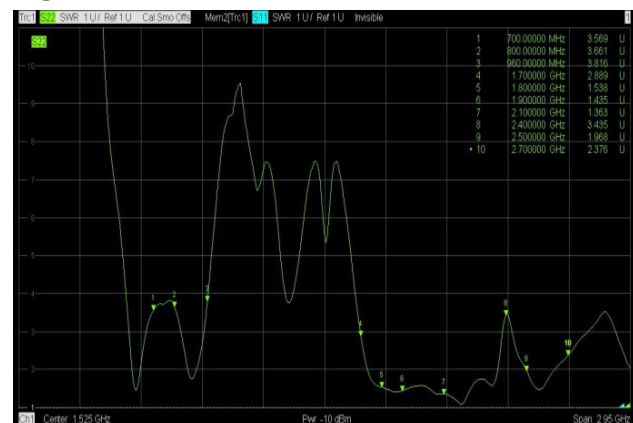


ANTENNA CONNECTOR : N FEMALE

Return Loss



VSWR



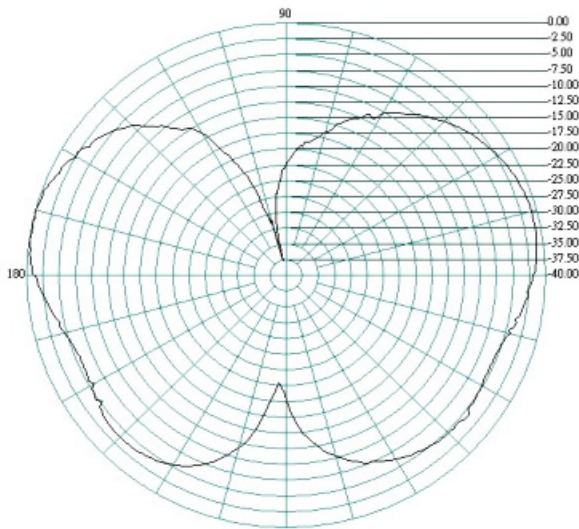


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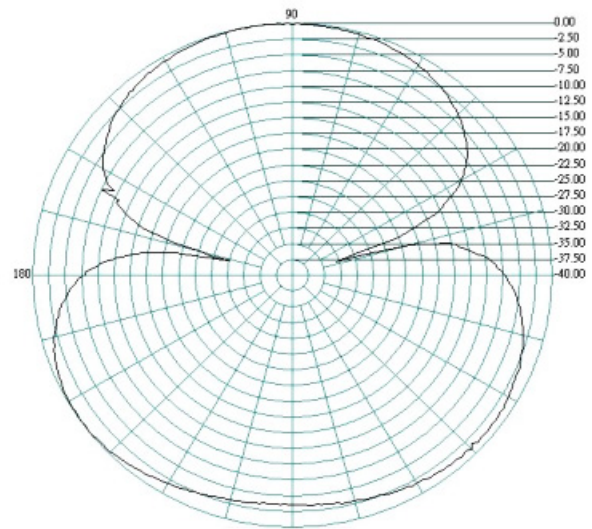
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Radiation Patterns

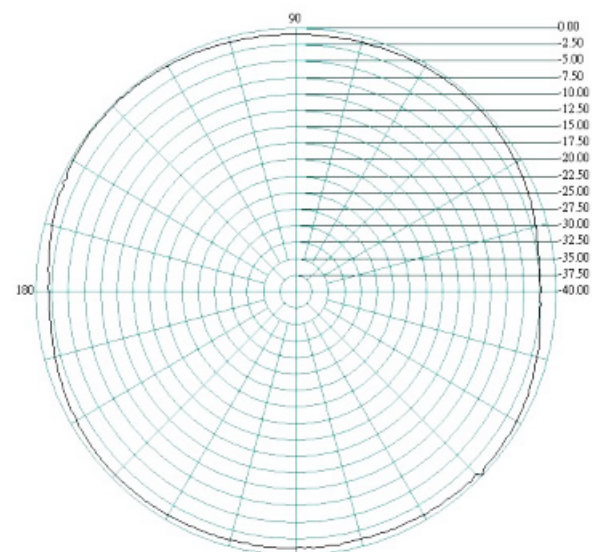
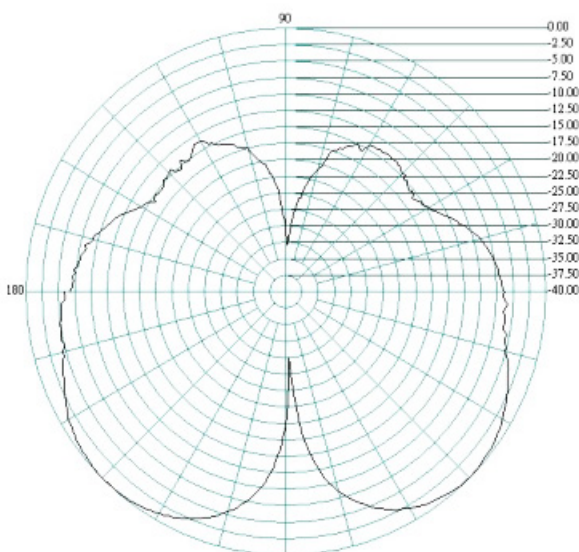
E-Plane 700MHz



H-Plane



800MHz

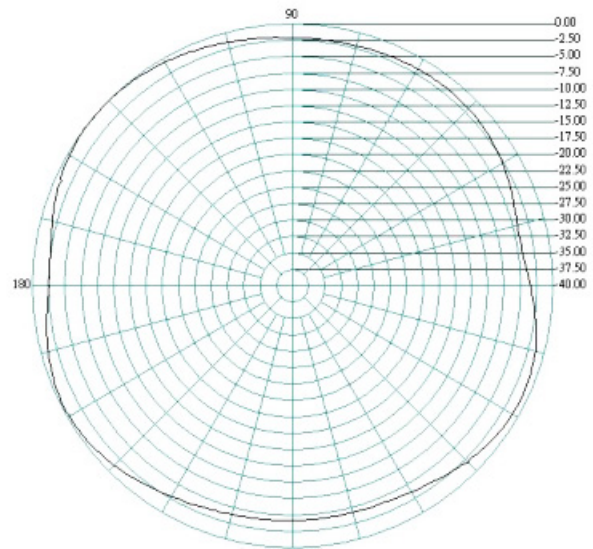
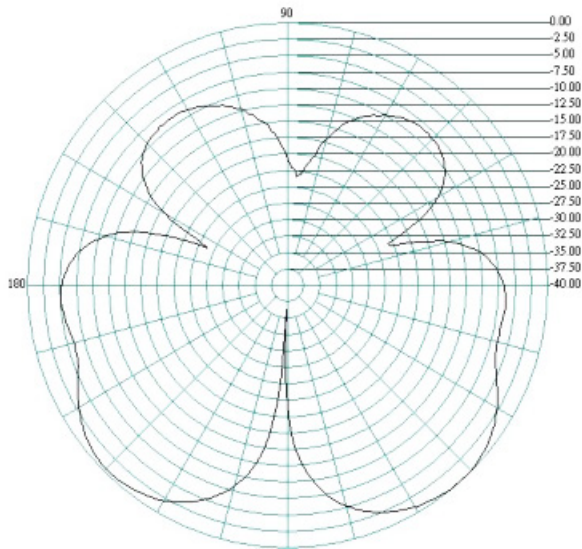




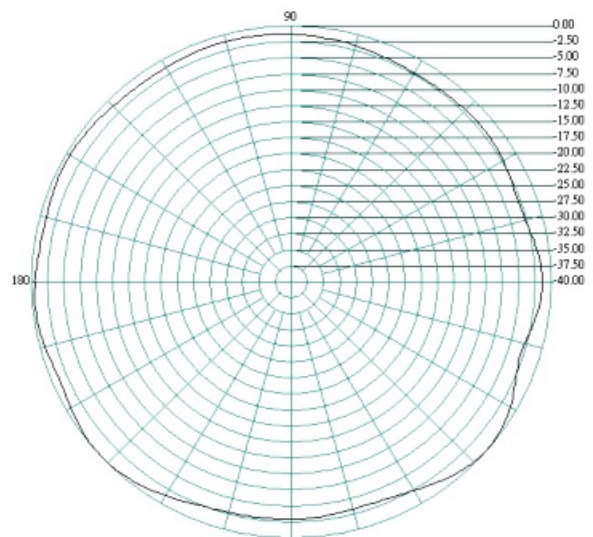
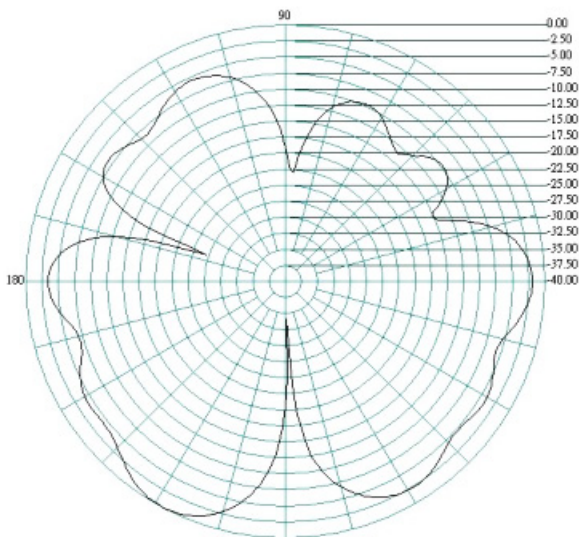
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900MHz



1700MHz

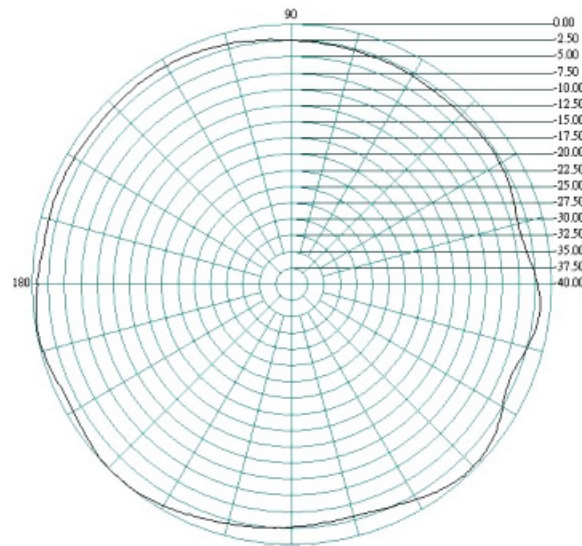
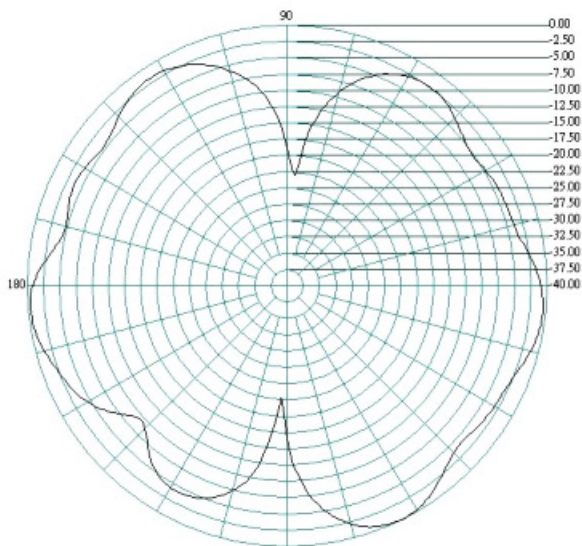




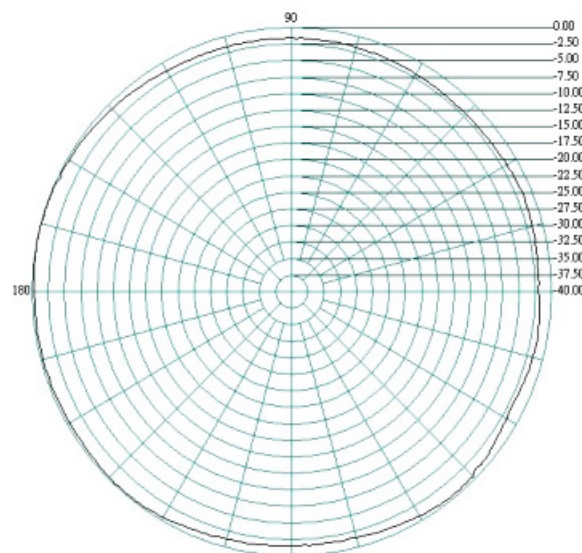
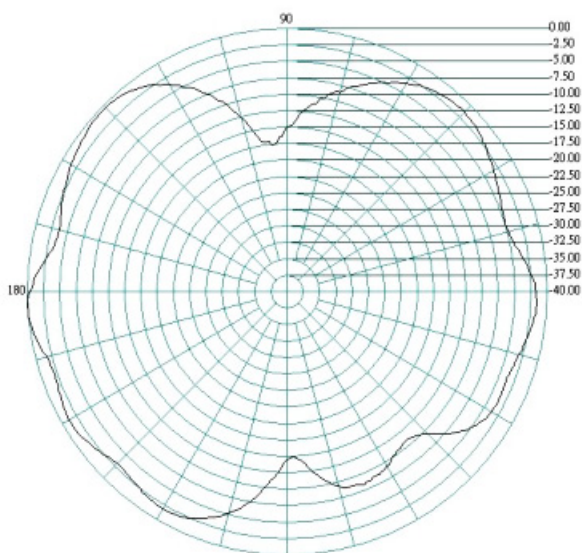
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1800MHz



1900MHz

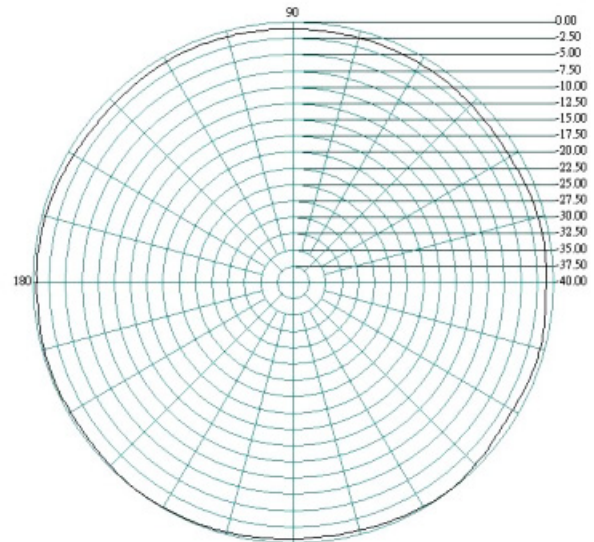
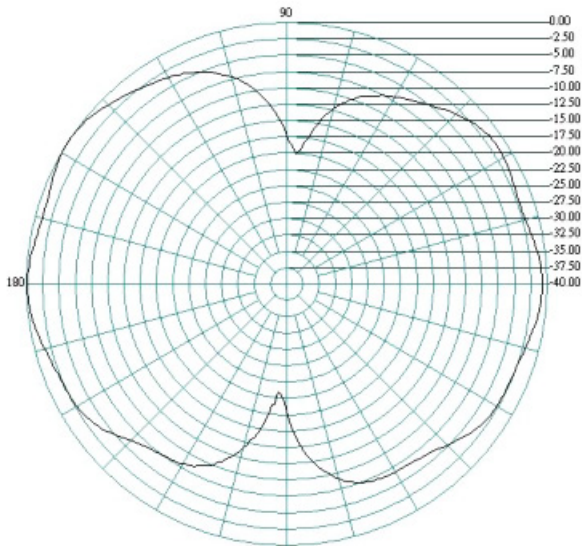




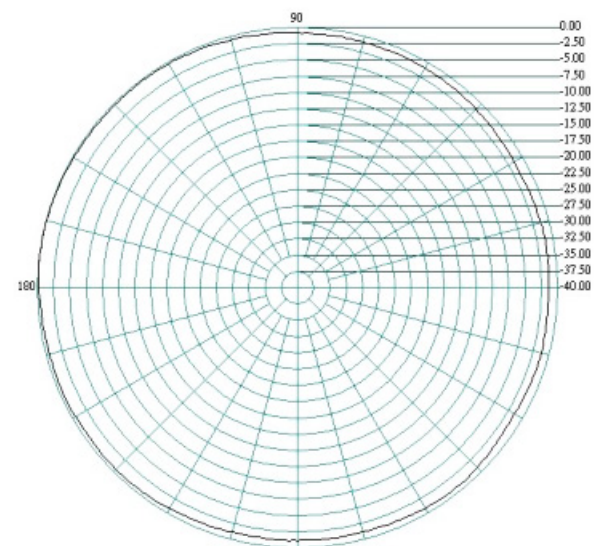
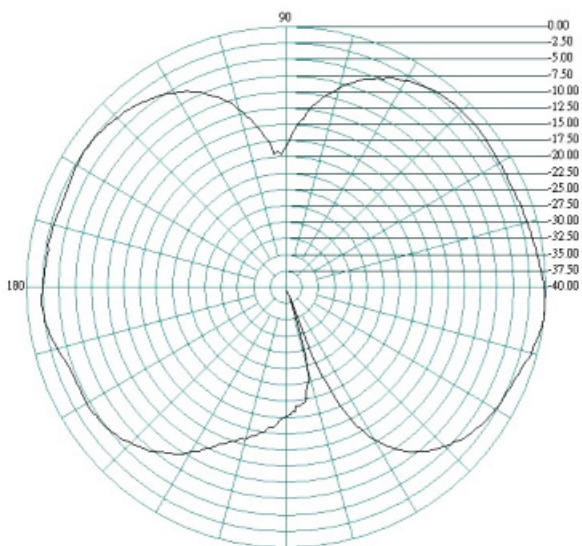
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2100MHz



2200MHz

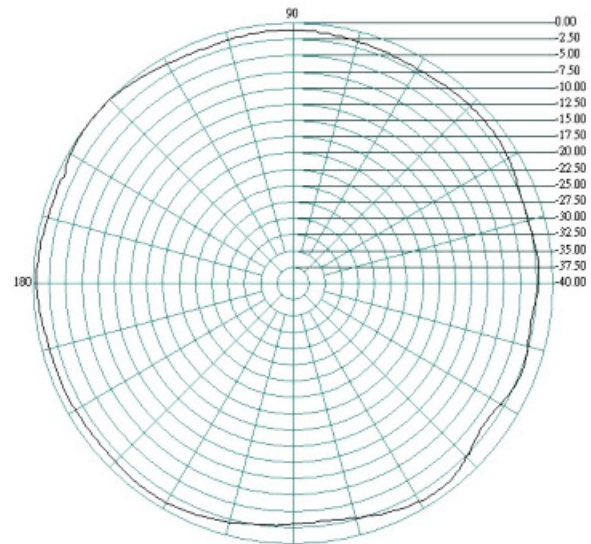
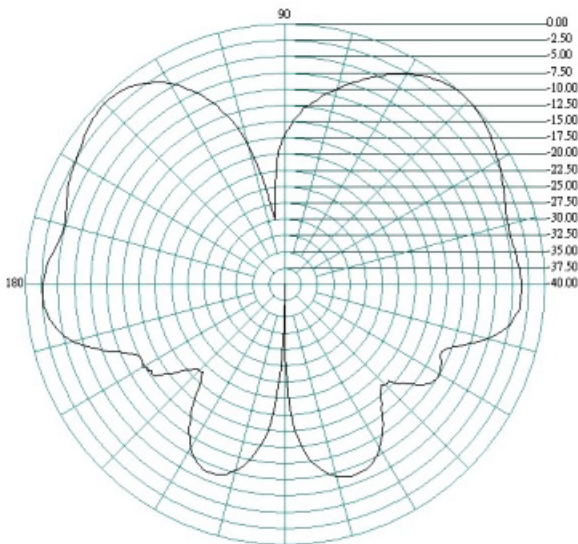




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2400MHz



2500MHz

