



Oscar 43

450MHz PANEL TYPE POLE MOUNT ANTENNA



Key Features

- Panel Type
- 450 MHz
- Peak Gain: 5dBi

General Description

The Oscar 43 is a panel type, weather resistant, 450MHz antenna designed for pole mounting.

The Oscar 43 comes with a pole mounting bracket. The antenna itself is fixed to the bracket using the supplied nuts and washers.

Suitable cables for the Oscar 43 are available from Siretta, popular cable lengths are 5m, 10m and 15m.

Additional Considerations

- Pole Mount
- Weather Resistant
- Several sizes of cable length are available, as additional items



Oscar 43

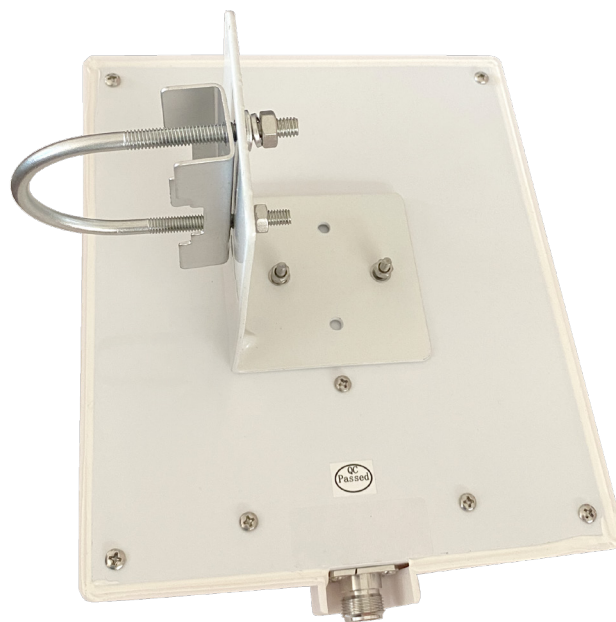
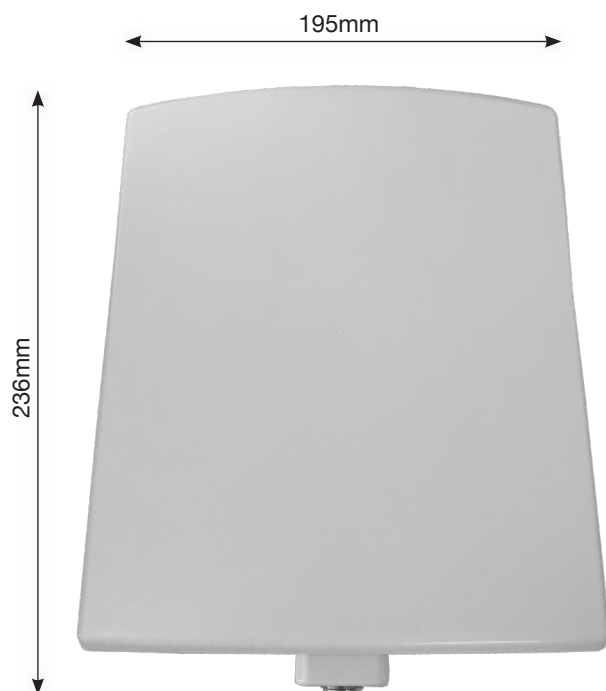
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Electrical Specifications

Temperature Range:	-20 - +65°C
Impedance:	50 Ohm
Peak Gain:	450MHz 5dBi
VSWR:	<1.5:1
Frequency range:	400-480MHzMHz
Polarization:	Vertical
Front to Back Ratio:	>15dB
Vertical Beamwidth:	120°
Horizontal Beamwidth:	85°
Max Input Power:	50W

Mechanical Specifications

Dimensions:	H236 x W195mm x D47mm
Weight:	1Kg
Connector:	N Female
Rated Wind Velocity:	60m/s
Pole Mount Diameter:	30-50mm

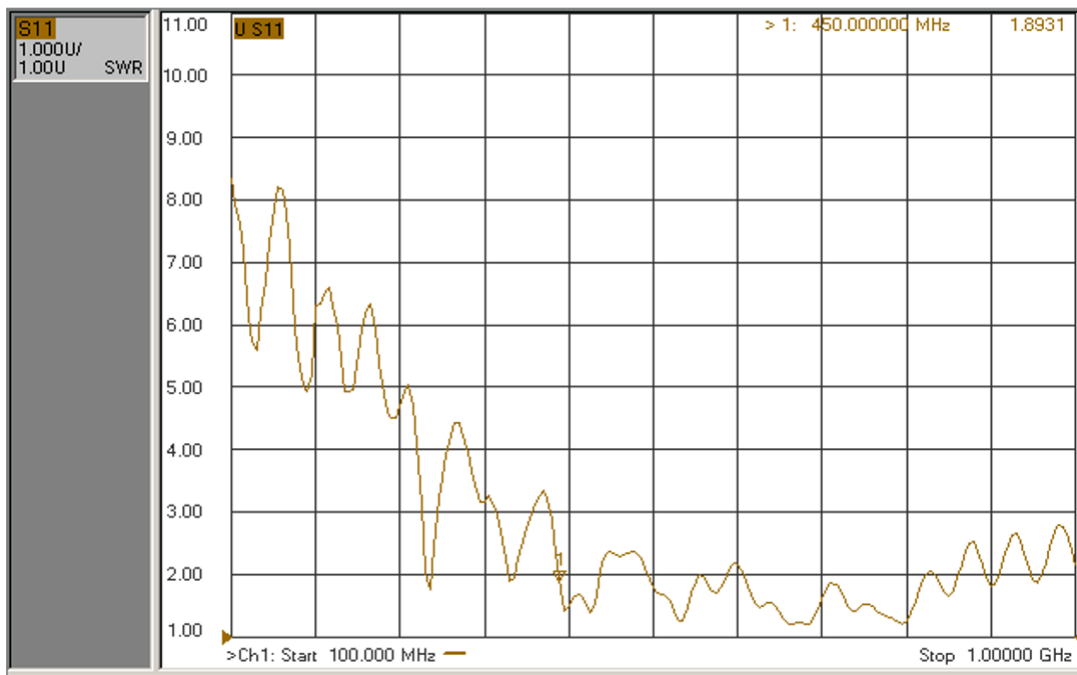




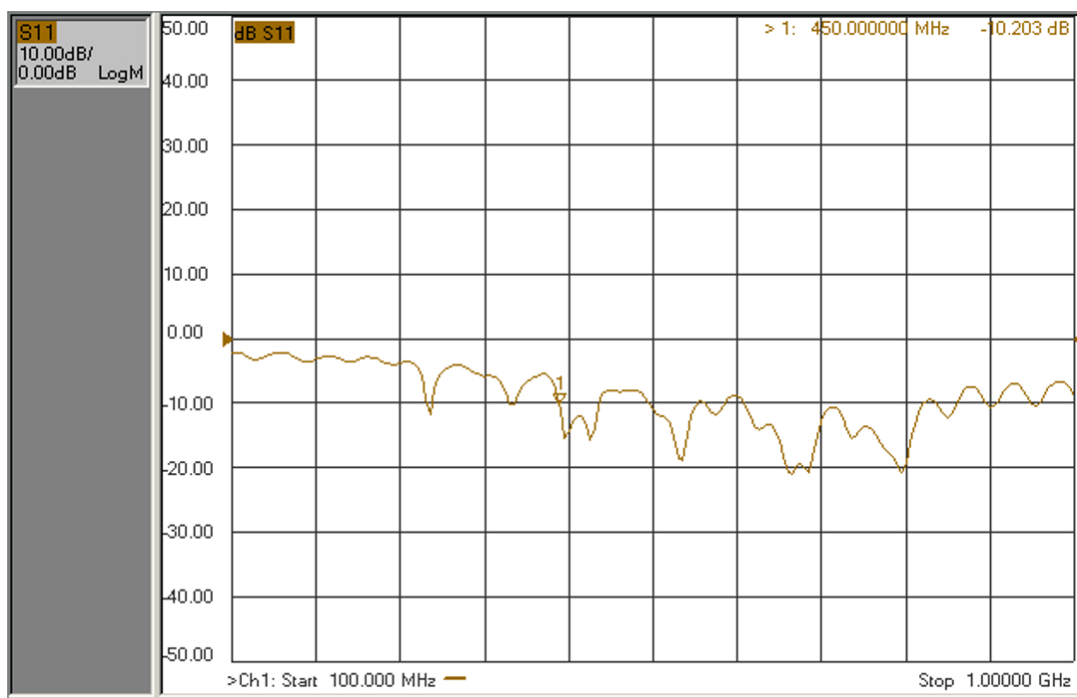
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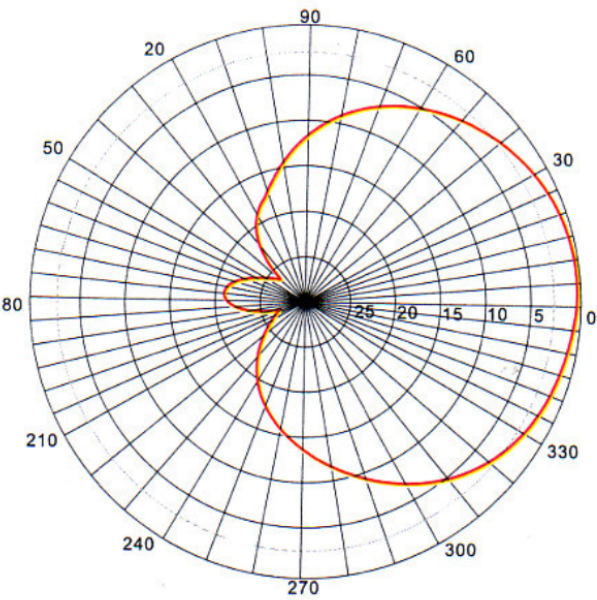
VSWR



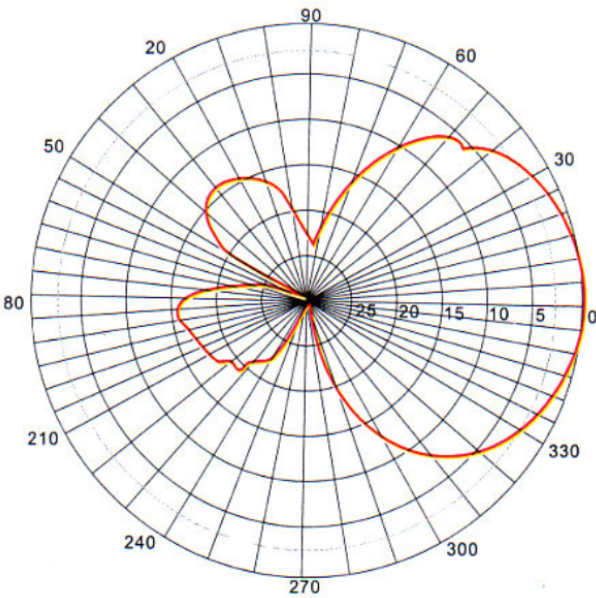
Return Loss



2D Radiation Plots



Horizontal pattern



Vertical pattern

Ordering Details

Part Number	Description
OSCAR43/X/NTYPEF/S/S/17	450MHz PANEL TYPE POLE MOUNT ANTENNA N TYPE FEMALE CONNECTOR
ASMA500R058L13	SMA(M) TO N TYPE(M) 5M LOW LOSS (LLC200A) CABLE ASSEMBLY
ASMR1000A058L13	N-TYPE(M) TO SMA(M) 10M LOW LOSS (LLC200A) CABLE ASSEMBLY
ASMR1500A058L13	N-TYPE(M) TO SMA(M) 15M LOW LOSS (LLC200A) CABLE ASSEMBLY

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