



Stella Doradus Ireland Ltd.

58 9010V+H Dual Pol 5.8GHz Base Station antenna



*The 58 9010V+H OB is a 90 degree dual polarity sector antenna designed for use in high density RF environments
Optional adjustable elevation or horizontal tilt are available*

This aesthetically pleasing, professional outdoor box requires no silicon seal.

With room for integrating your own radio unit within the box, a range of pigtailed connectors are available with different connectors for connection from the antenna to the radio unit.

Back plate can be removed many times for inspection of internal electronics

The excellent radiation characteristics are the distinguishing features of these antennas

Electrical Specifications

Gain	15.5dBi
3dB beam Pattern	90° x 8°
Bandwidth	5.7 - 5.9GHz
VSWR	1.8 : 1
Front to Back Ratio	21dBi
Polarization	Vertical + Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	2 pigtailed - please specify connector required
Cross Pol. Discrimination	20dBi

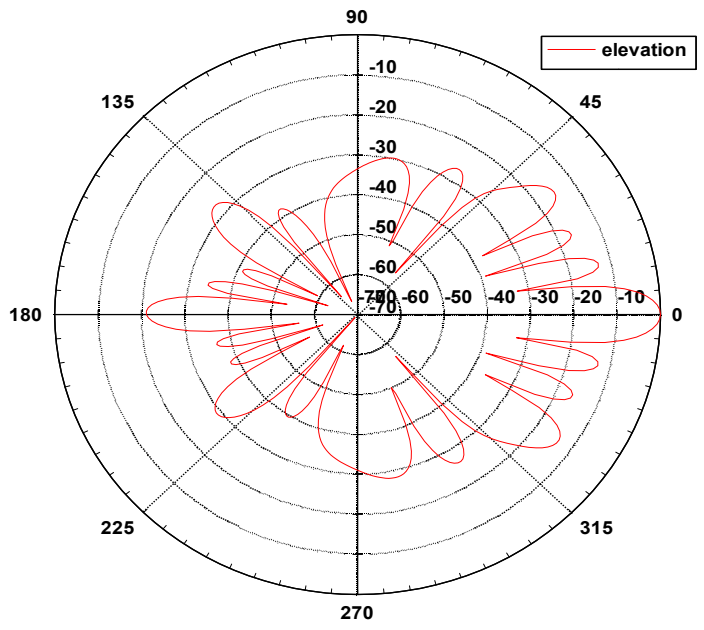
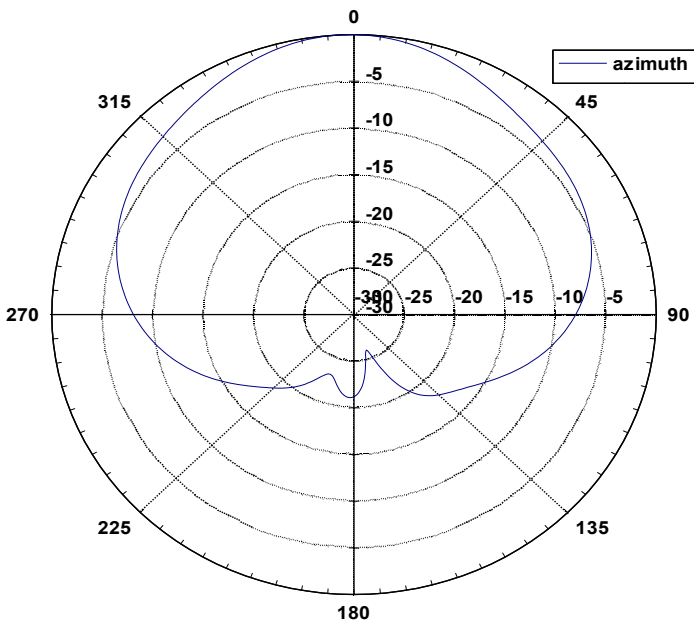
Mechanical Specifications

Length	43.5cm
Width	22.5cm
Depth	7.5cm
Weight	1.03kg
Windage(at 215km/h)	28kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

Radiating Element	Beam forming PCB patch array
Radome (feed)	ABS White
Clamps	HDG steel + galvanised steel bolts

58 9010V+H Basestation Antenna Vertical



58 9010V+H Basestation Antenna Horizontal

