



# Stella Doradus Ireland Ltd.

## 58 6010V+H Dual Pol 5.8GHz Base Station antenna



*The 58 6010V+H OB is a 60 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 pigtails 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	17dBi
3dB beam Pattern	60° x 8°
Bandwidth	5.7-5.9GHz
VSWR	1.8 : 1
Front to Back Ratio	27dBi
Polarization	Vertical + Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	2 pigtails - please specify connector required
Cross Pol. Discrimination	20dBi

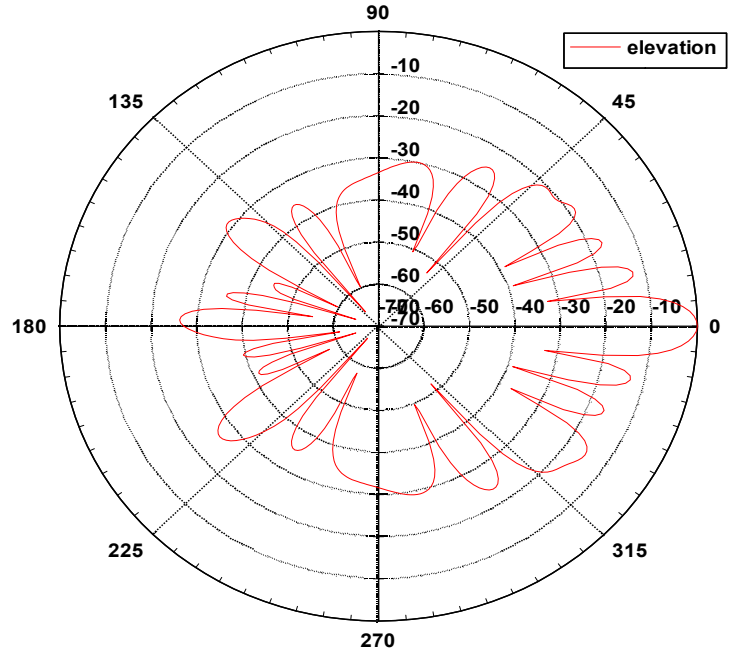
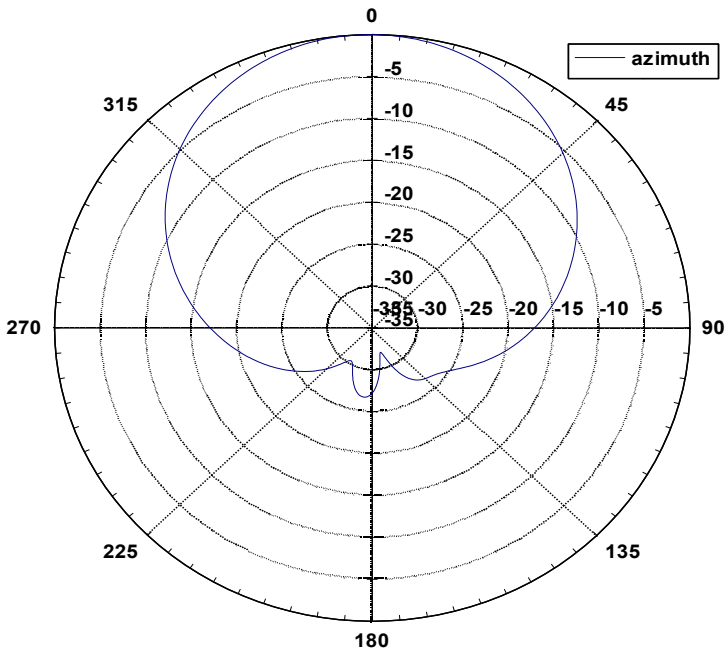
### Mechanical Specifications

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 6010V+H Basestation Antenna Vertical



### 58 6010V+H Basestation Antenna Horizontal

