



Stella Doradus Ireland Ltd.

19 4040H 1.9GHz Planar Antenna



*The 19 4040H is an indoor or outdoor pole mounted antenna. Adjustable elevation or horizontal tilt are available
The excellent radiation characteristics are the distinguishing features of these antennas*

Electrical Specification

Gain	15dBi
3dB beam Pattern	30° x 30°
Bandwidth	1.75 - 1.85GHz
VSWR	1.8 : 1
Front to Back Ratio	29dBi
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female
Cross Pol. Discrimination	25dBi
Surge Protection	Built in

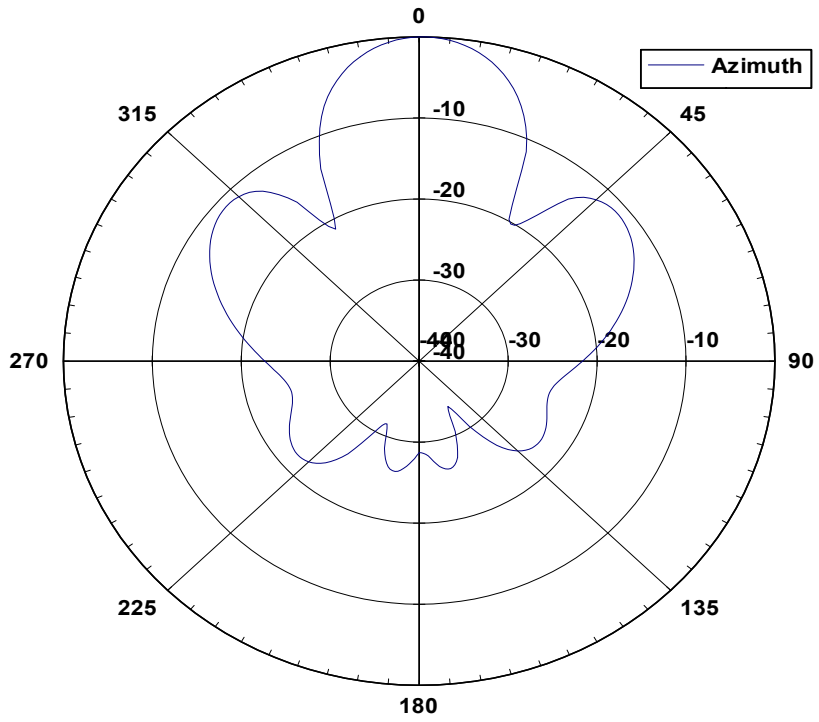
Mechanical Specifications

Length	33cm
Width	33cm
Depth	4 cm
Weight	2.2Kg
Windage(at 215kmph)	37.3kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

Radiating Element	PCB patch array
Radome (feed)	ABS Grey
Clamps	HDG steel + zinc plated bolts

19 4040H Azimuth Pattern



19 4040H Elevation Pattern

