



Stella Doradus Ireland Ltd.

1.7 - 2.2GHz Planar Antenna

Part No.: GSM 1800 +UMTS 3030



The GSM1800+UMTS 3030 is an indoor or outdoor pole mounted, wall mounted antenna

Adjustable elevation or horizontal tilt are available.

High quality professional antennas with exceptional patterns and extremely durable.

Electrical Specification

Gain	18dBi
3dB beam Pattern	20° x 20°
Bandwidth	1.7 - 2.2Ghz
VSWR	1.8 : 1
Front to Back Ratio	29dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	-25dB after 55 deg
Surge Protection	Built in

Mechanical Specifications

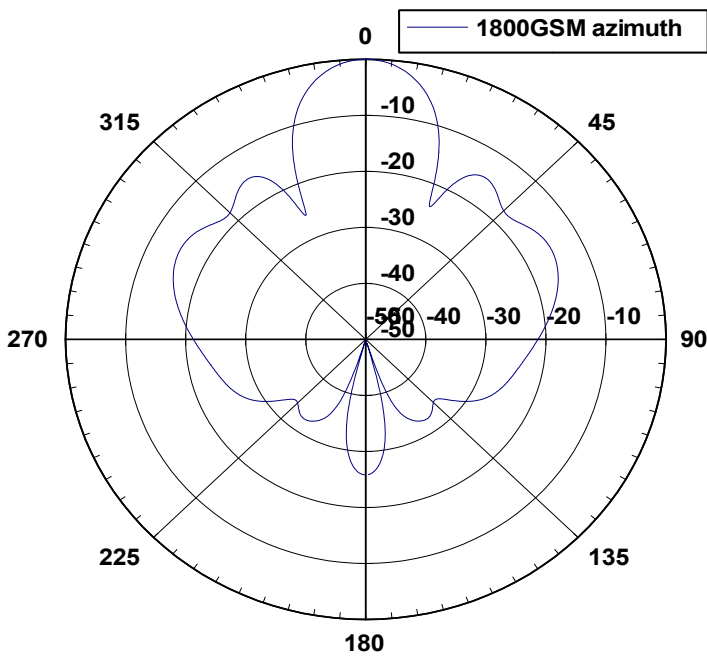
Length	45cm
Width	45cm
Depth	5cm
Weight	2.5kg
Windage(at 215kmph)	59.6kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

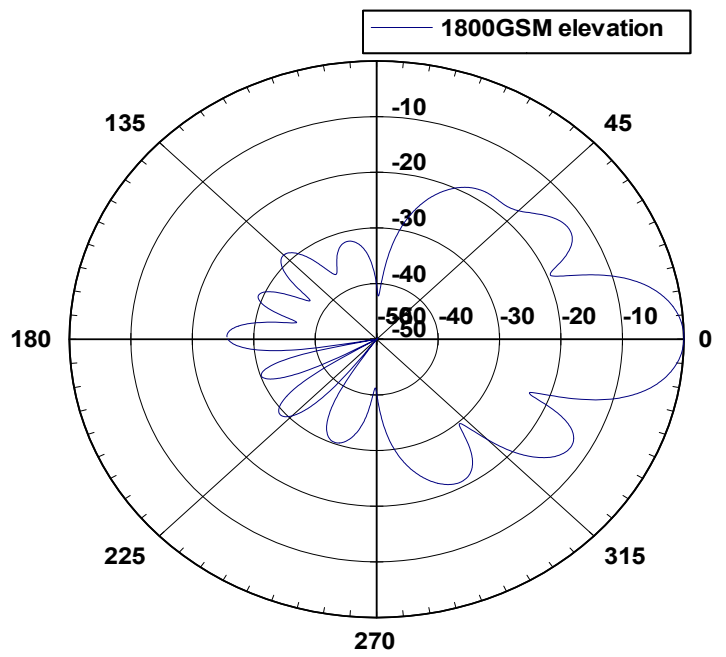
Radiating Element	PCB patch array
Radome (feed)	ABS Grey
Clamps	HDG steel + galvanised steel bolts

GSM1800 Patterns

Azimuth Pattern

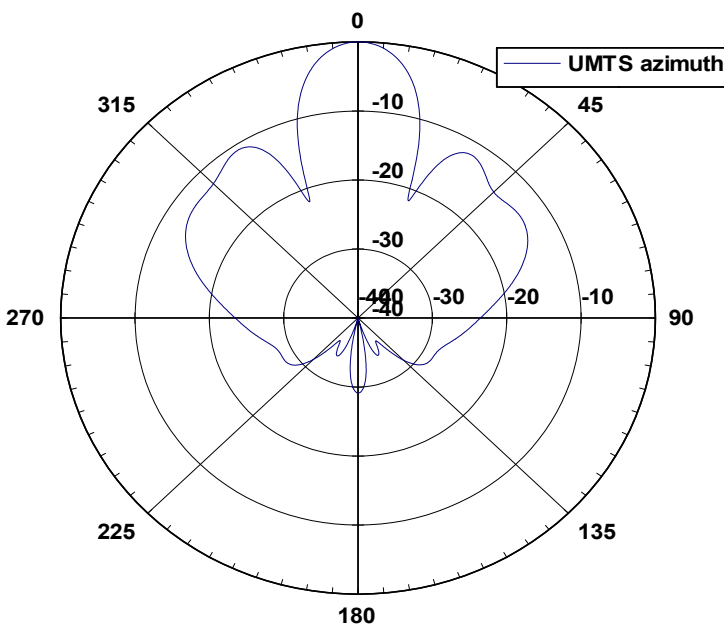


Elevation Pattern



UMTS Patterns

Azimuth Pattern



Elevation Pattern

