

0.01 - 1 GHz Vertically Polarised Omnidirectional Antenna fitted with an N type Connector and Radome

Catalogue number **QOM-SL-0.01-1-N-SG-R**

Q-par reference **QMS-00427**

Contents **Summary**
Typical Gain
Calculated Patterns
Return Loss



QQD06-2 V1.0

PDM 30-Jan-18 8389

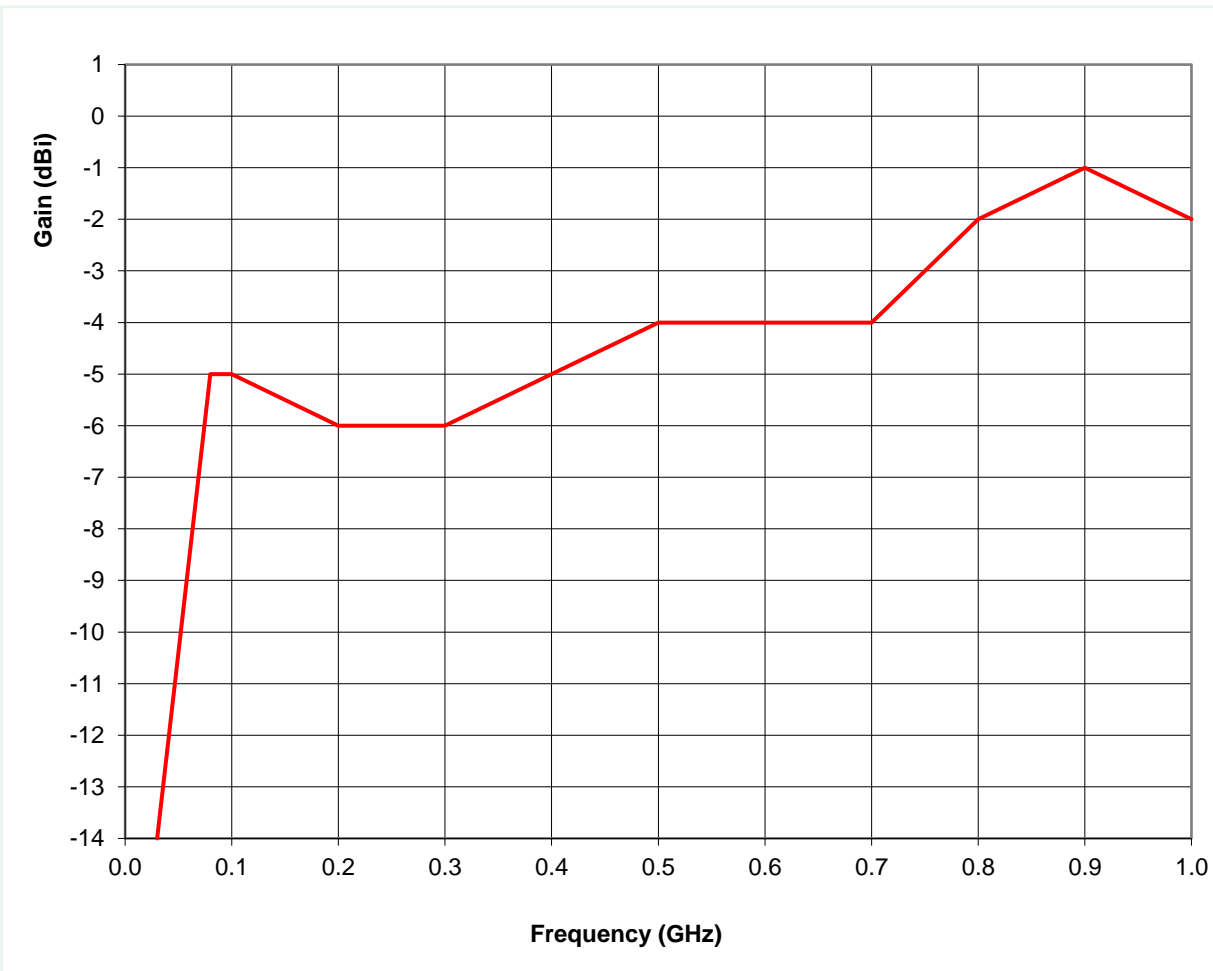


Typical Specification

Frequency	0.01 to 1 GHz
Connector Type	N
Power Handling	Rx only
VSWR	Typically < 3.0:1
Gain	-6 to -1 dBi 100 MHz to 1 GHz
Circularity	Better than +/- 1 dB in azimuth
Compliance	RoHS
Grounding	DC short
Weight	560 g
Maximum Size	953 mm long x 40 mm diameter
Mounting	To 34.5 mm ID pole
Construction	Aluminium and UPVC

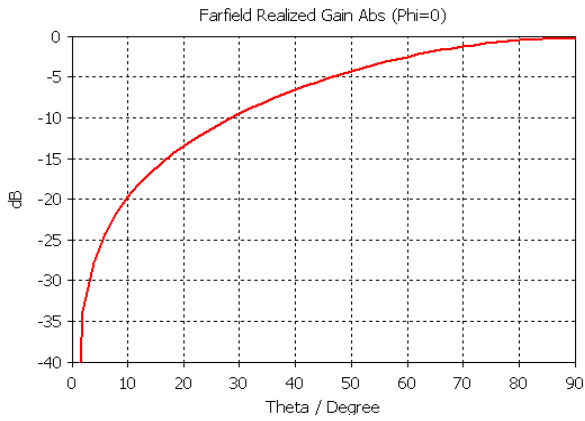
Typical Antenna Gain

This is calculated by reference to standard gain antennas with an estimated error of +/- 1 dB, with the antenna mounted on a 2 x 2 m ground plane.

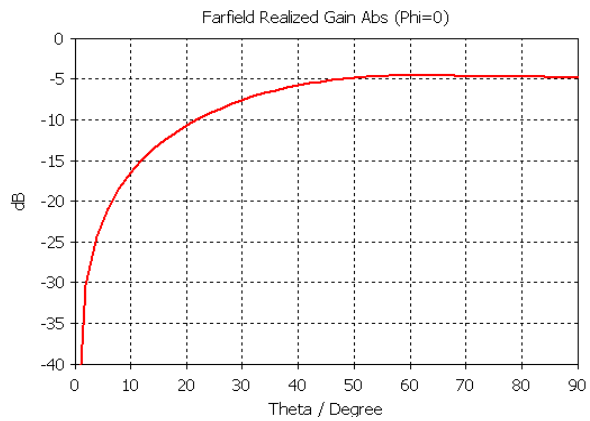


Calculated Elevation Radiation Patterns

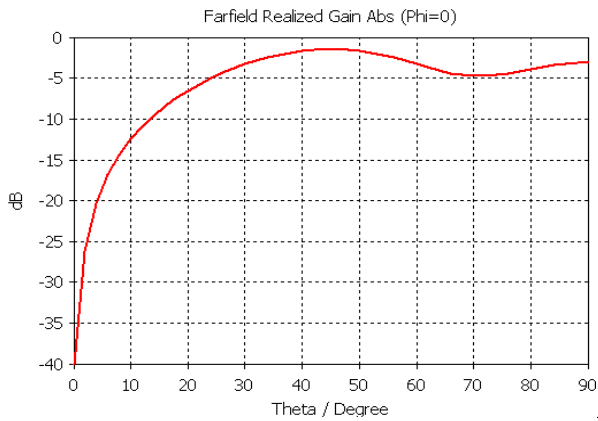
0.1 GHz



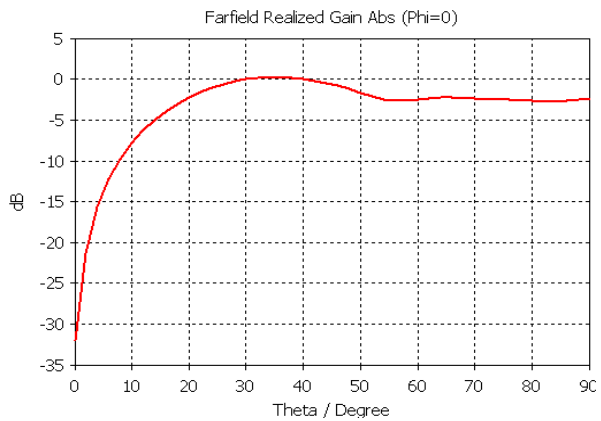
0.2 GHz



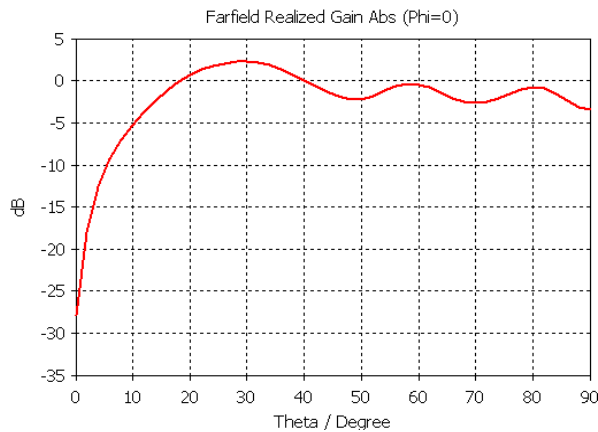
0.5 GHz



0.8 GHz



1 GHz



Theta is the angle from the vertical.

Red trace = E-plane, Blue trace = H-plane cut

