

Vertically polarised omnidirectional antenna

10 MHz to 1 GHz

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

Q-par reference: **QMS-00427**

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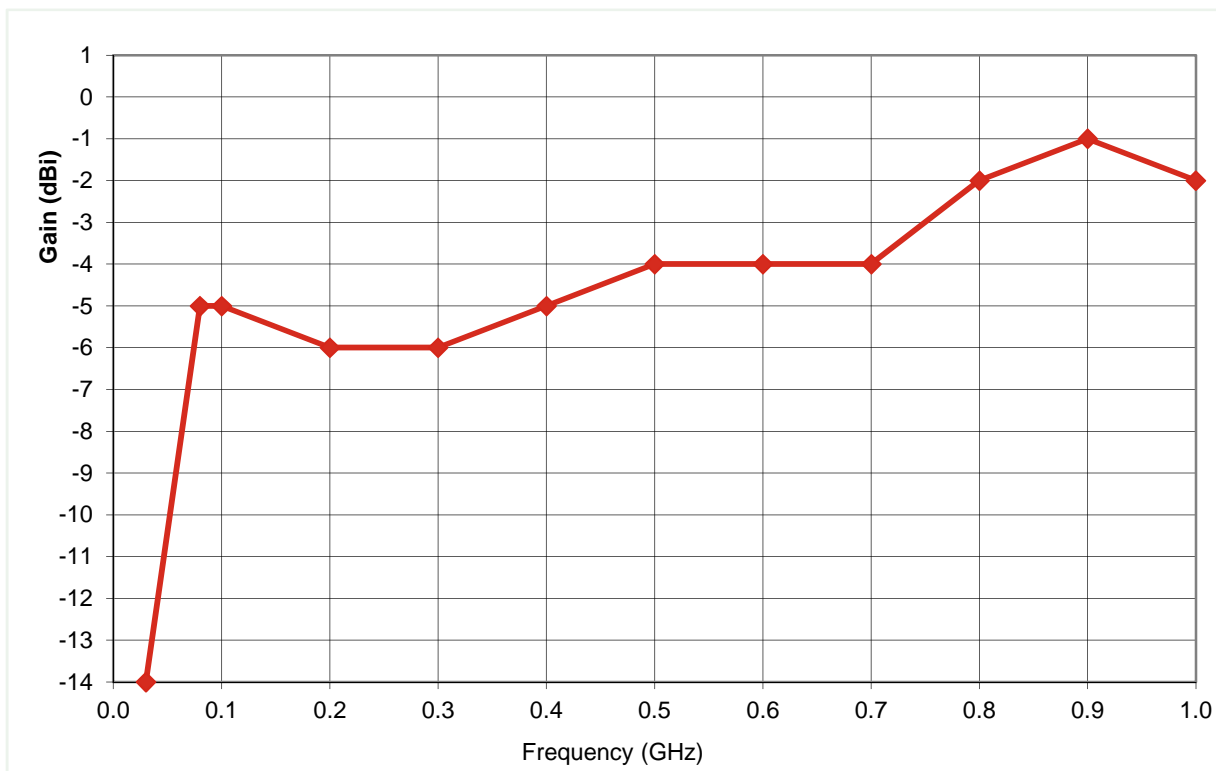
Test Report

Typical Specification

Frequency	10 MHz to 1 GHz
Connector type	N
Power Handling	Rx only
VSWR	Typically < 3.0:1
Gain	0 to -14 dBi 100 MHz to 1 GHz
Circularity	Better than +/- 1 dB in azimuth
Compliance	RoHS
Grounding	DC short
Weight	560 g
Size- max.	953 mm long x 40 mm diameter
Mounting	To 34.5 mm ID pole
Construction	Aluminium and UPVC

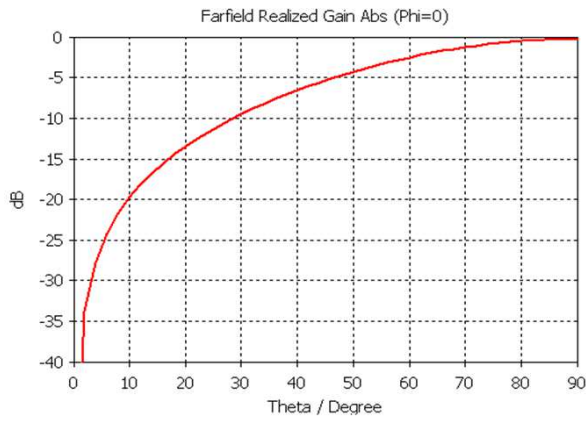
Typical Antenna Gain on Horizon

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.

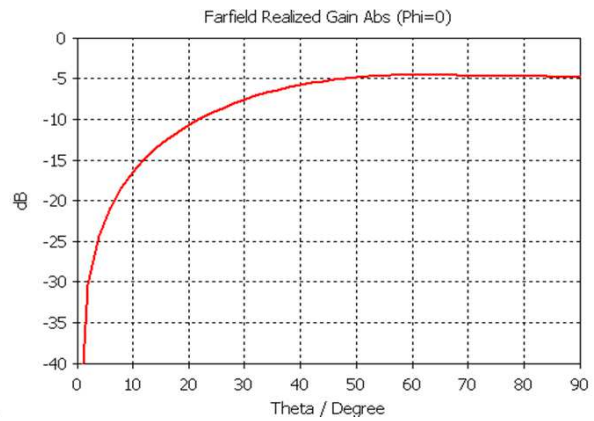


Calculated Elevation Radiation Patterns

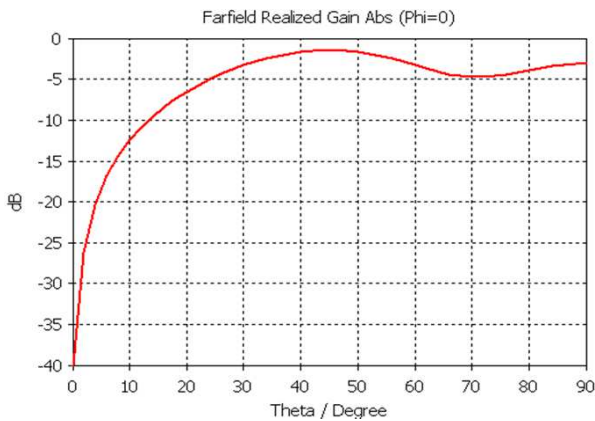
0.1 GHz



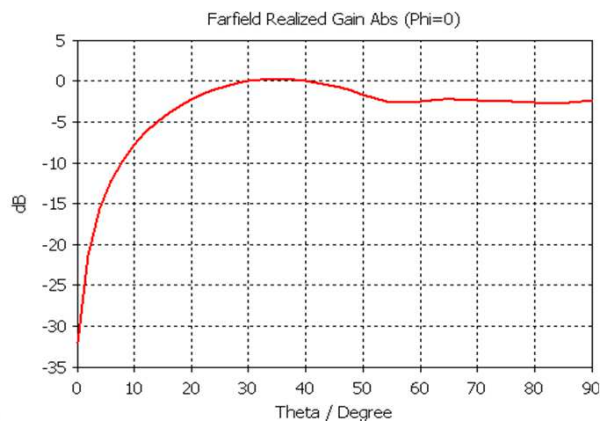
0.2 GHz



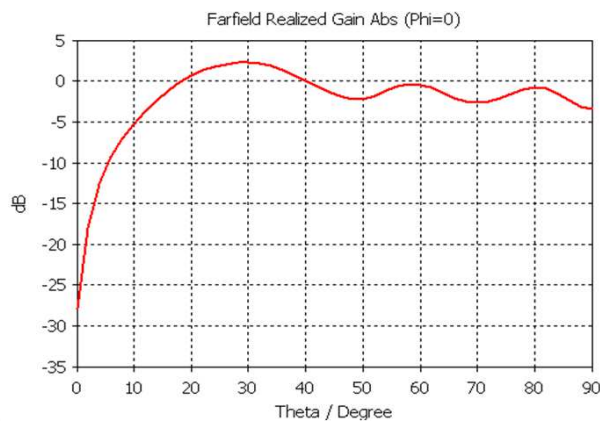
0.5 GHz



0.8 GHz



1 GHz



Theta is the angle from the vertical.