



0.5 to 6 GHz Vertically Polarised Omnidirectional Antenna fitted with a N type Connector and Radome

Catalogue number **QOM-SL-0.5-6-N-R**

Steatite reference **QMS-00966**

Contents **Summary**
Typical Gain / Antenna Factor
Typical Patterns

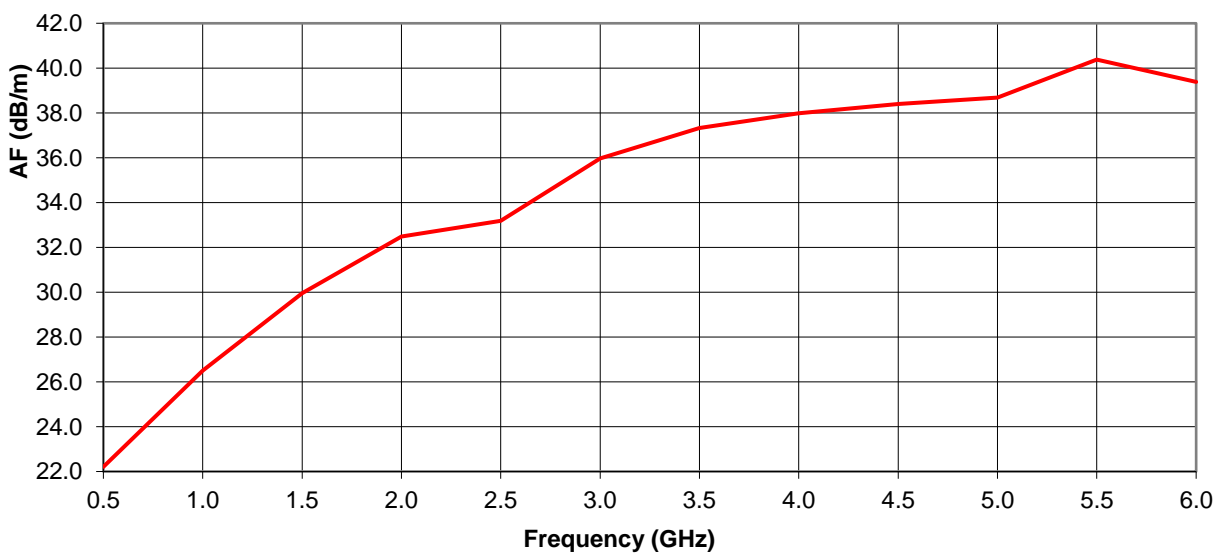
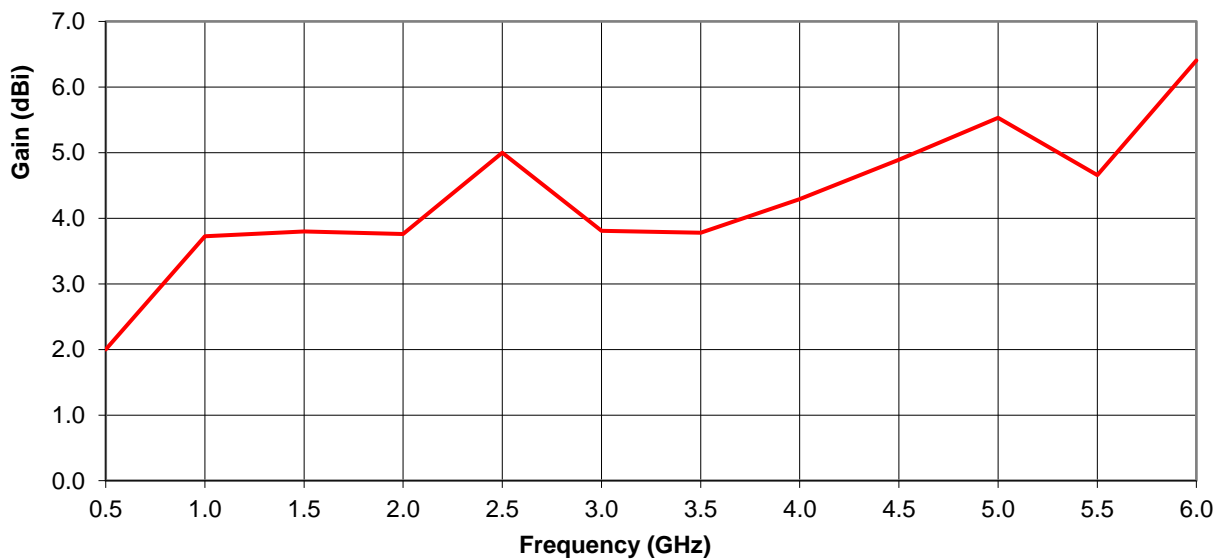


Typical Specification

Frequency	0.5 to 6 GHz
Connector Type	N-Type Female
Power Handling	200W CW
VSWR	< 2.5:1 Typical
Gain	2 to 6.4 dBi (measured on a 600mm groundplane)
Antenna Factor	22.2 to 40.4 dB/m
Weight	900g nominal
Maximum Size	Ø183mm Baseplate with 105mm tall radome.
Mounting	8 x M6 mounting holes on a 165 PCD.
Construction	Aluminium baseplate and dielectric radome.

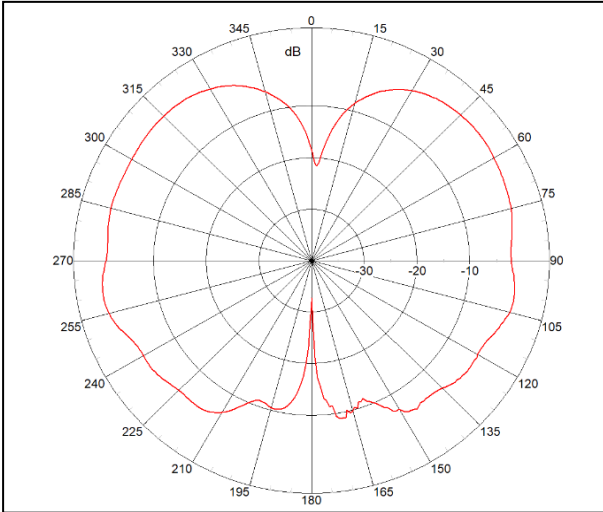
Peak Antenna Gain / Antenna Factor

This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB. Antenna measured on a 600mm Groundplane.

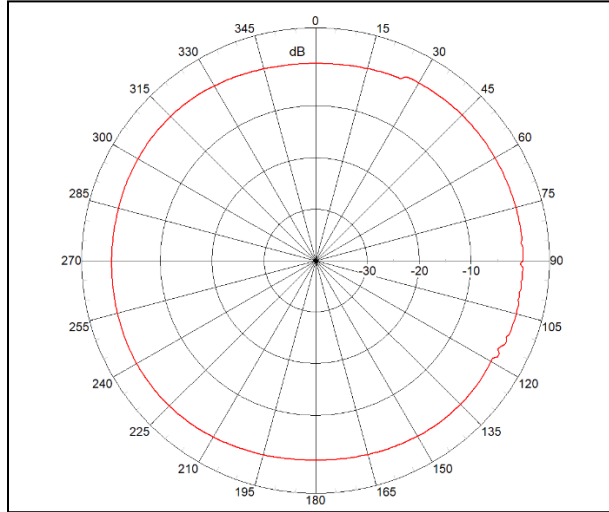


Typical Radiation Patterns (600mm Groundplane)

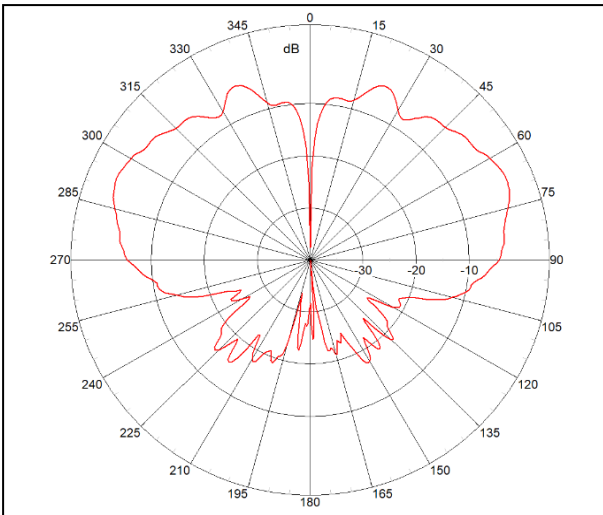
0.5 GHz Elevation



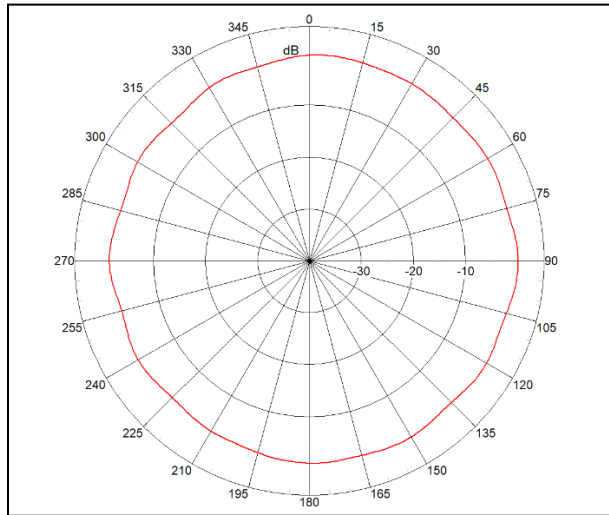
0.5 GHz Azimuth



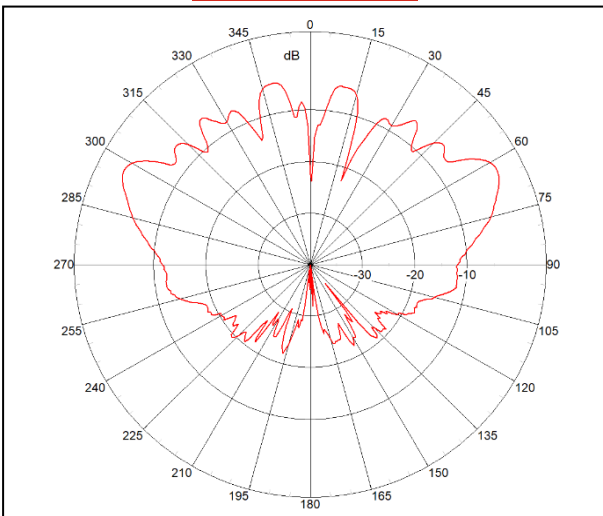
3 GHz Elevation



3 GHz Azimuth



6 GHz Elevation



6 GHz Azimuth

