

Omni-directional Antenna
26 to 40 GHz
Vertically Polarised

Catalogue Number: **QOM-SL-26-40-K-SG-R**

Q-par Reference: **QMS-00029**

Contents: **Summary Table**
Antenna Gain / Return Loss
Beamwidth / Patterns
Measured VSWR



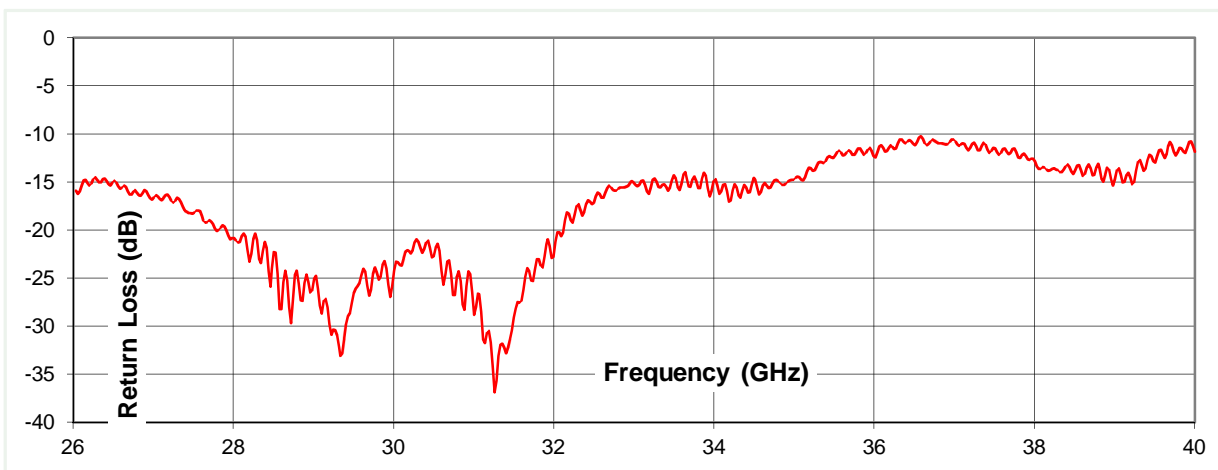
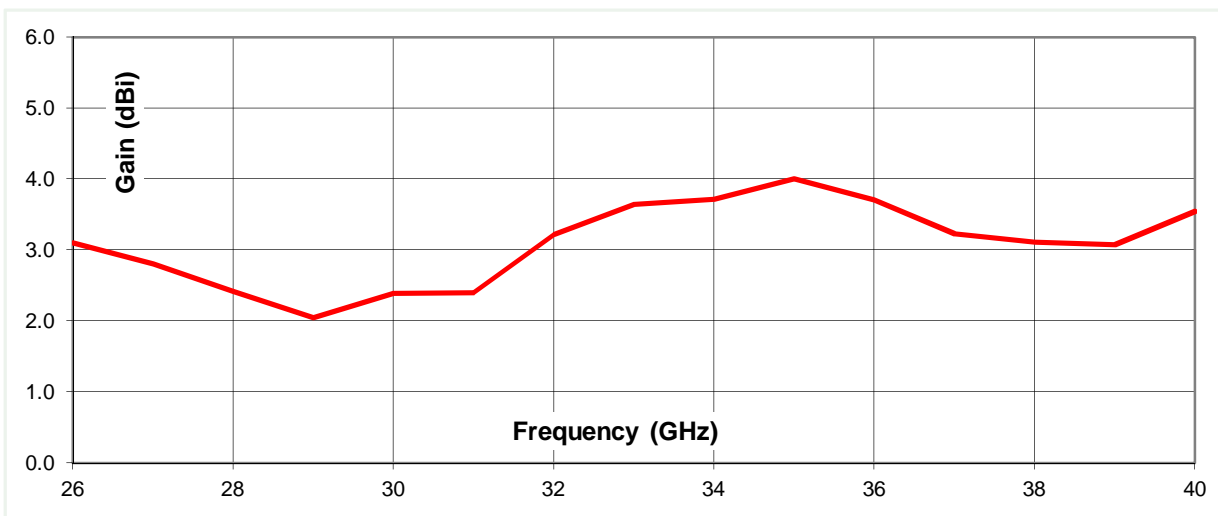
Test Report

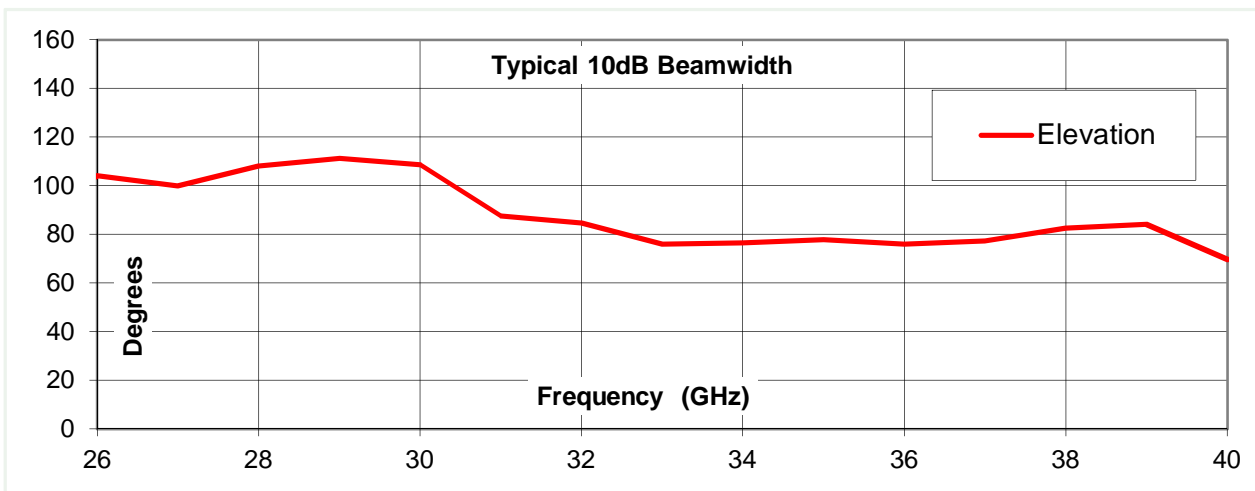
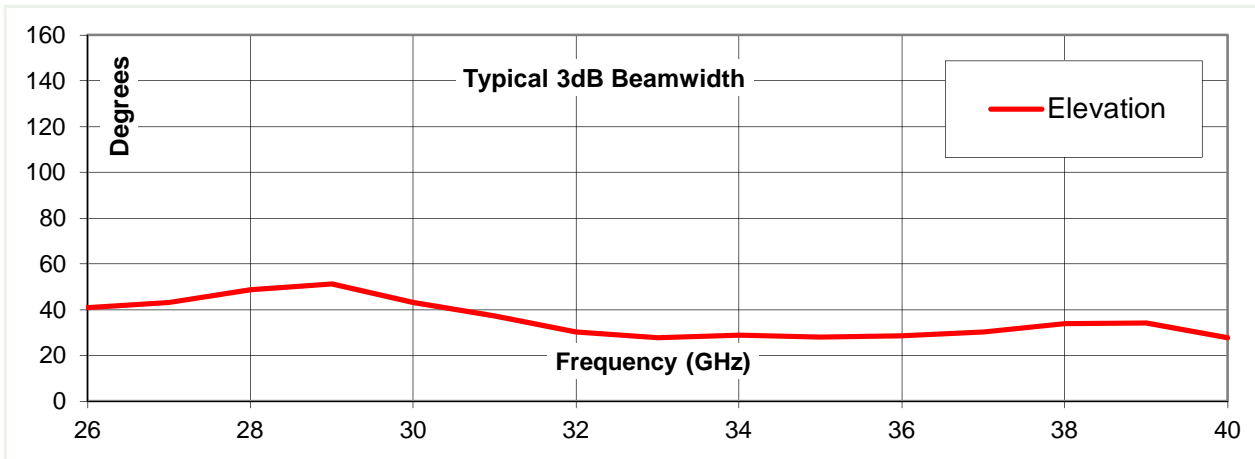
Typical Specification

Frequency	26 to 40 GHz
Connector type	K type jack
Power Handling	10 Watt c.w.
VSWR	< 2.0:1
Gain	2 to 4 dBi
Azimuth Ripple	+/- 1 dB worst case, generally < +/- 0.5 dB
Weight	40 g
Size- max.	46 mm diameter
Mounting	Three M2.5 screws equispaced on 39.5 mm pitch circle diameter.
Construction	Aluminium and Engineering plastics

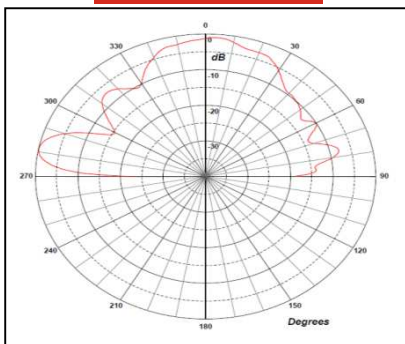
Typical Antenna Gain on Horizon / Return Loss

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.

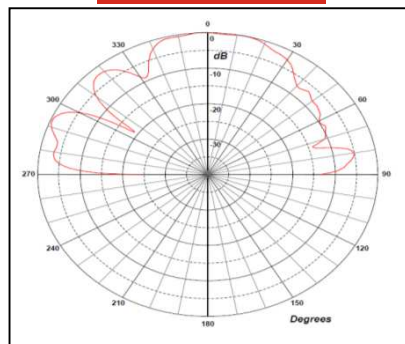




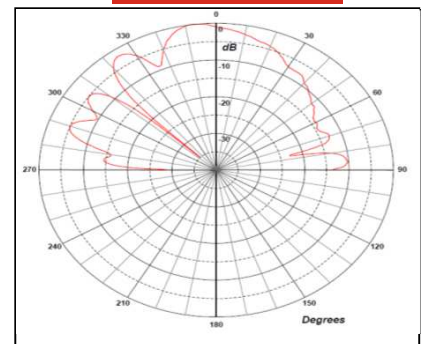
26 GHz



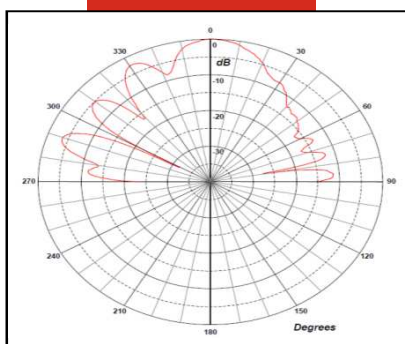
29GHz



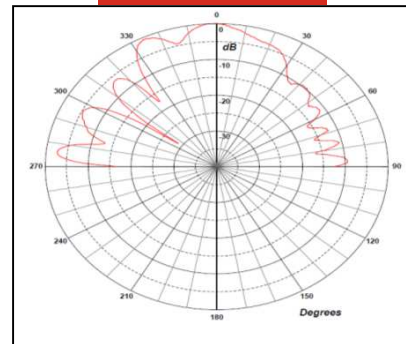
32 GHz



36 GHz



40 GHz



Elevation cut. Top of antenna at 270 degrees, 0 degrees is the horizon.