



## 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**

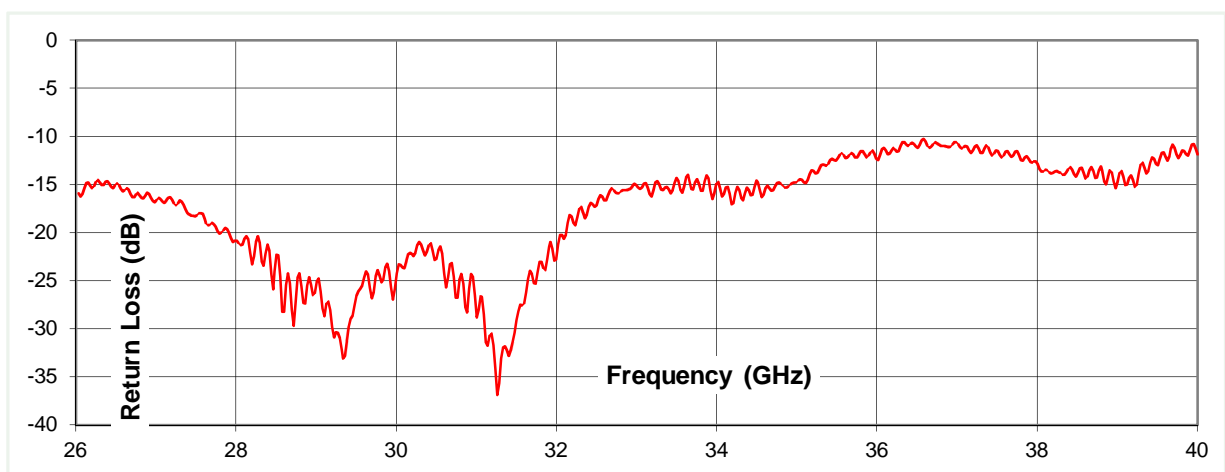
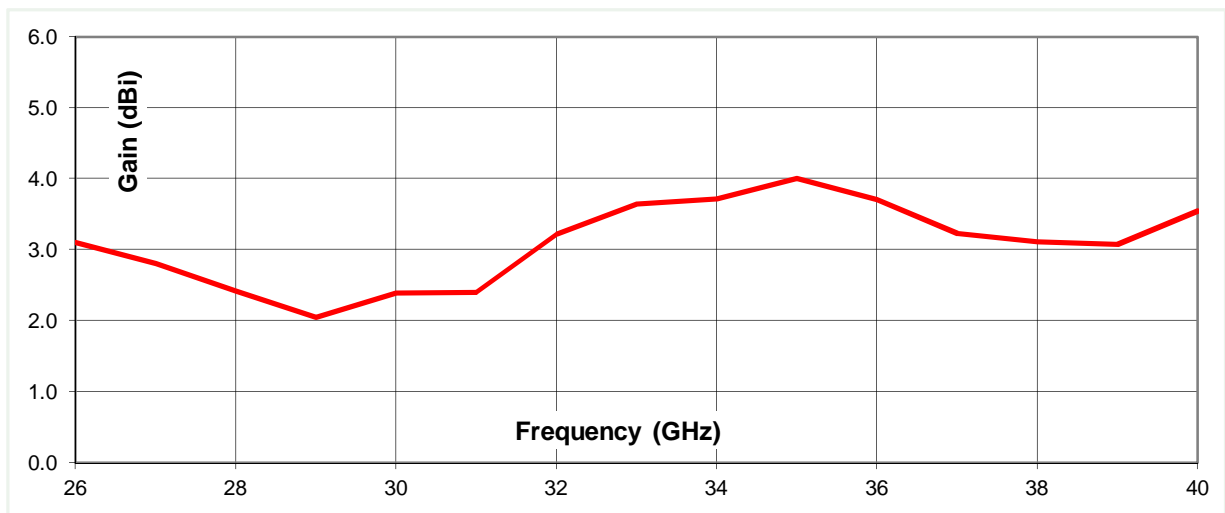


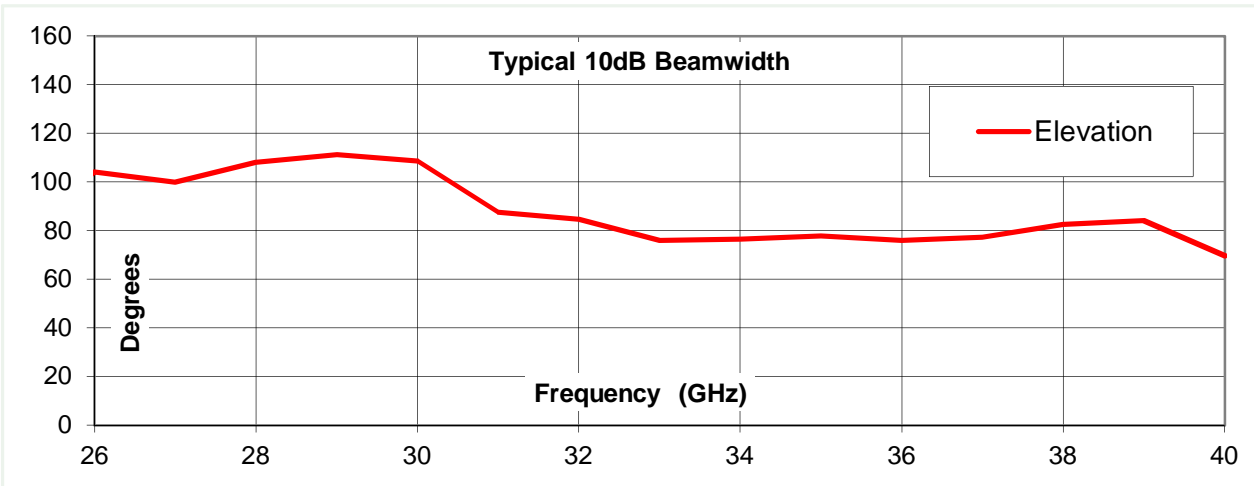
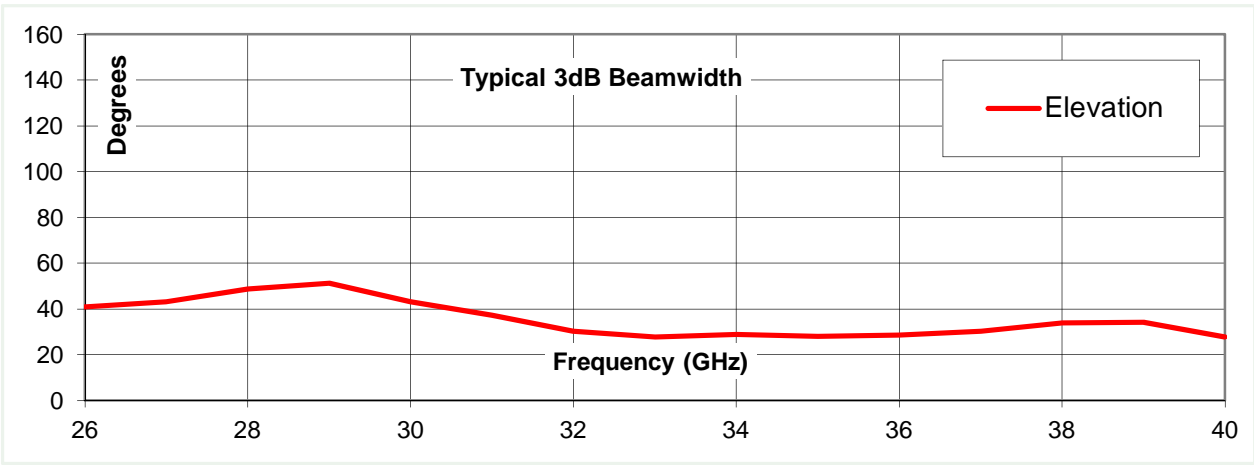
## Typical Specification

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

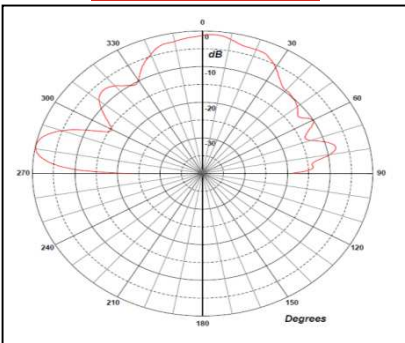
## Typical Antenna Gain on Horizon / Return Loss

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.

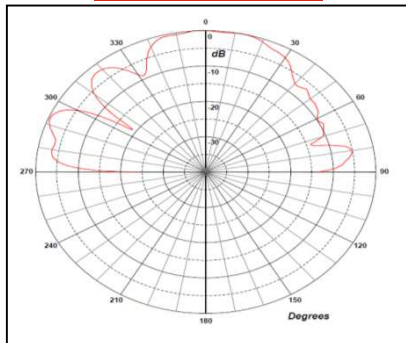




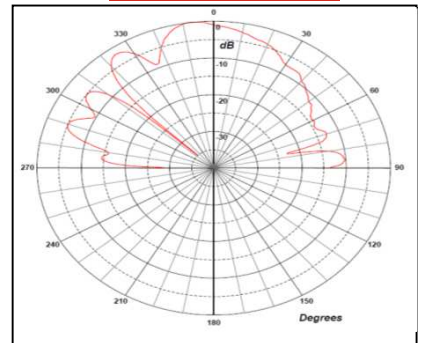
**26 GHz**



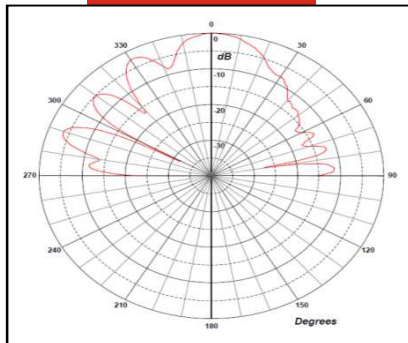
**29GHz**



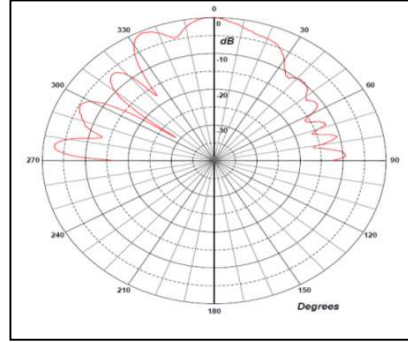
**32 GHz**



**36 GHz**



**40 GHz**



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

