

26 - 40 GHz Linearly Polarised 25 dBi Horn Antenna fitted with a WG22 / WR28 Flange, K Type transition and Radome

Catalogue number **QSH-SL-26-40-K-25-R**

Q-par reference **QMS-00867**

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

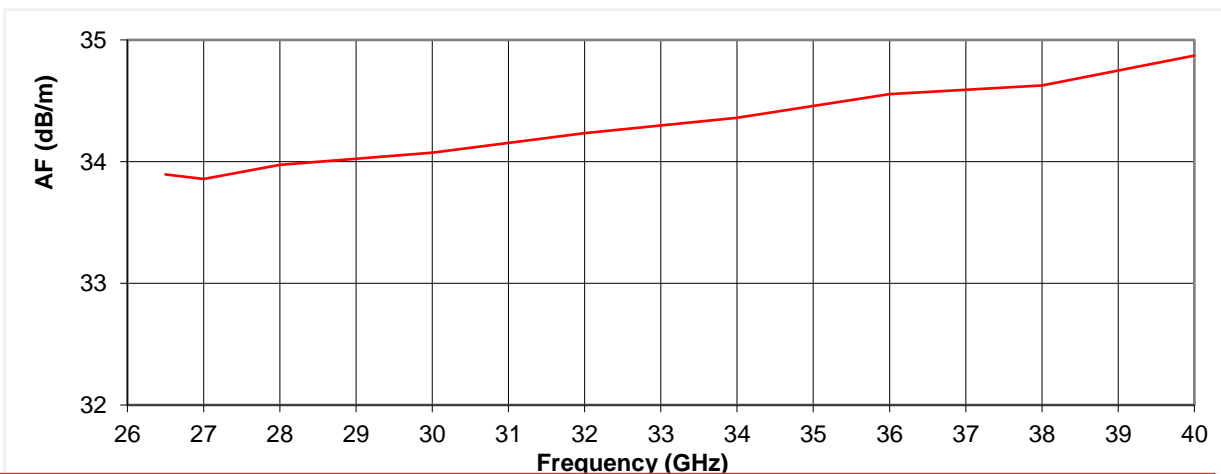
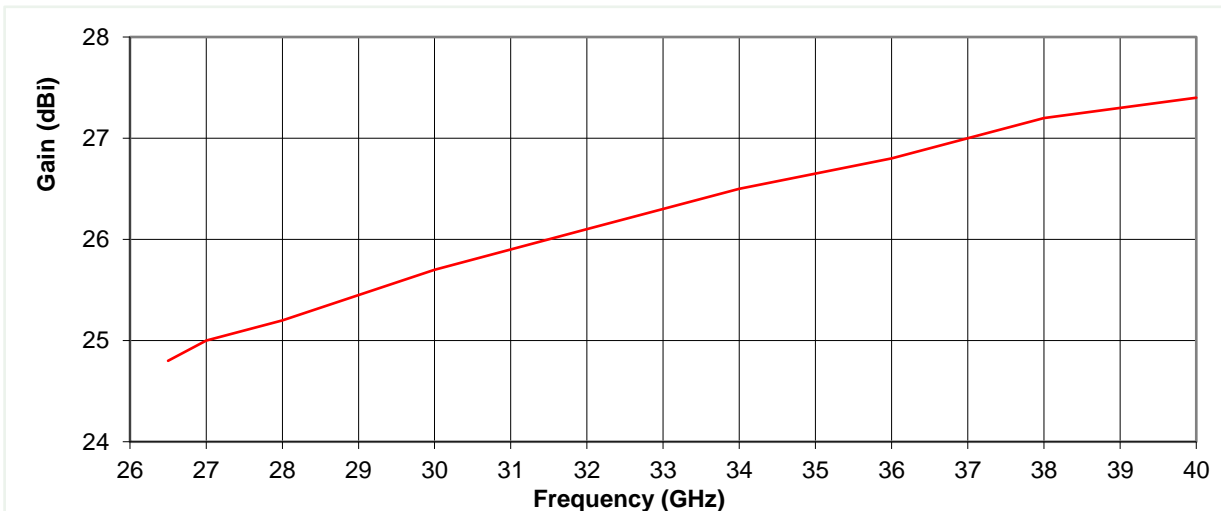


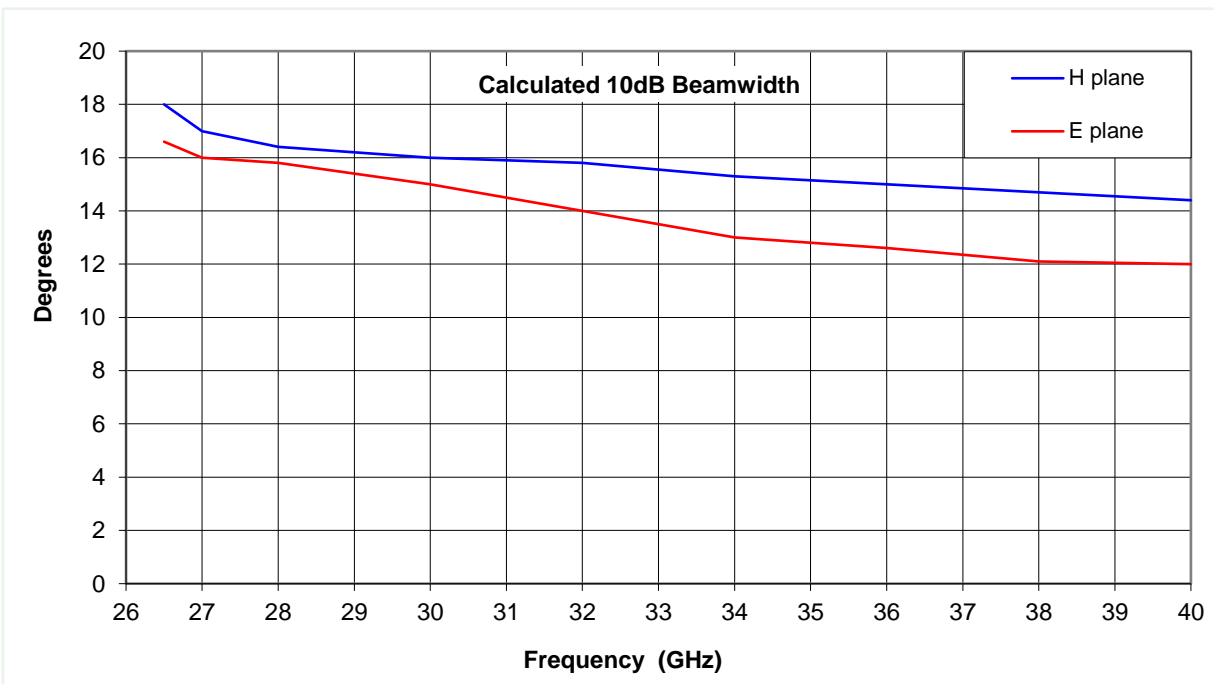
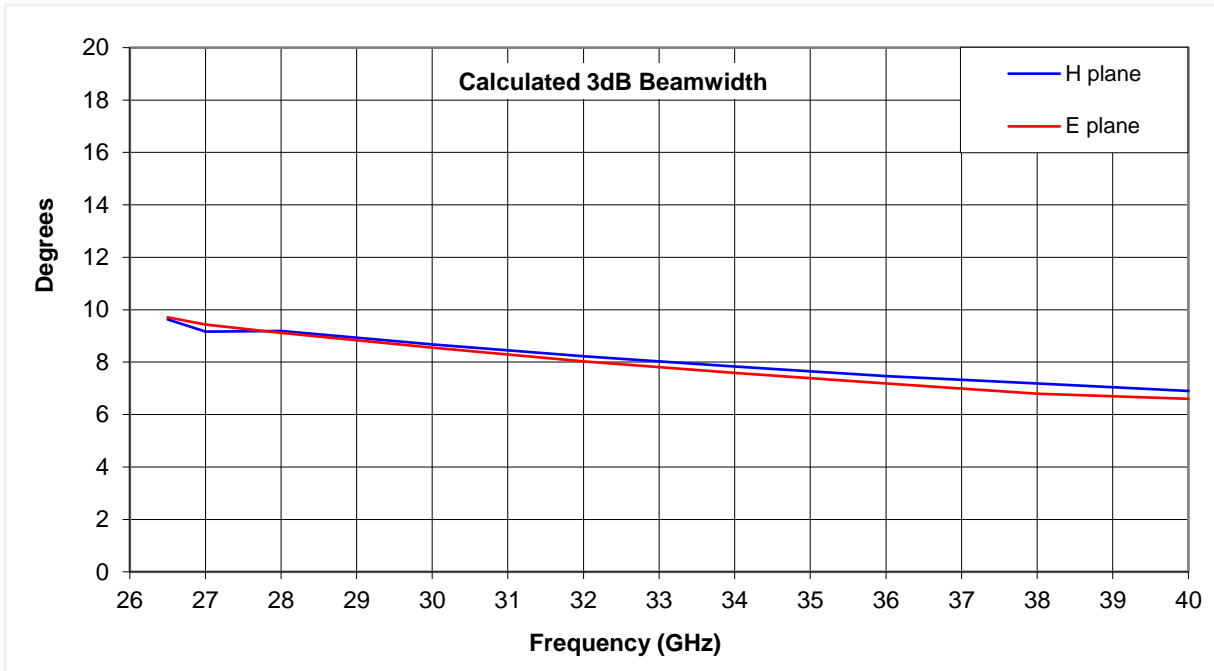
Typical Specification

Frequency	26.5 to 40 GHz
Connector Type	K Type jack (2.92mm)
Power Handling	20 Watt c.w.
VSWR	< 1.2:1
Gain	24.8 to 27.4 dBi
Antenna Factor	33.9 to 34.9 dB/m
3dB Beamwidth	7 to 10 degrees
10dB Beamwidth	12 to 18 degrees
Weight	750 g nominal
Maximum Size	140 x 80 mm aperture x 322 mm long (Without transition)
Mounting	Mount collar having 8 holes, tapped M4, 40 mm centres
Construction	Aluminium with composite radome, painted

Calculated Antenna Gain / Factor

This is calculated, and cross checked with reference to antenna beamwidth, with an estimated error of +/- 0.8dB.





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

