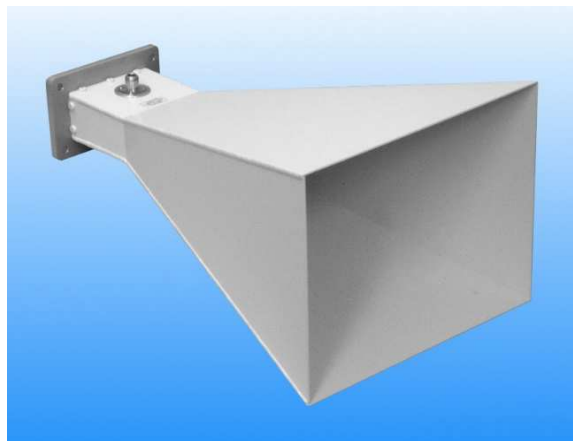


1.7 - 2.6 GHz Linearly Polarised 15 dBi Horn Antenna fitted with an N type Connector

Catalogue number **QSH-SL-1.7-2.6-N-15**

Q-par reference **QMS-00092**

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

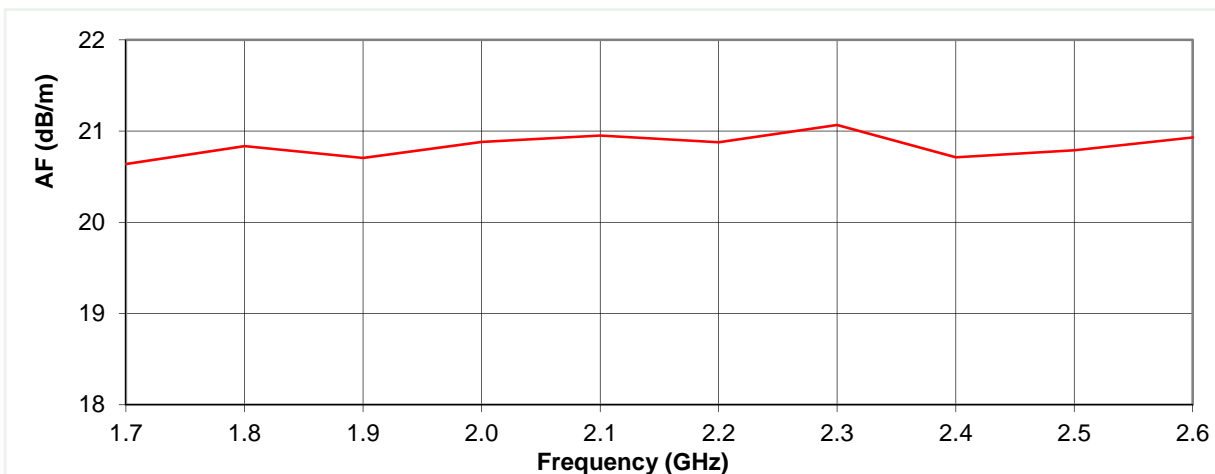
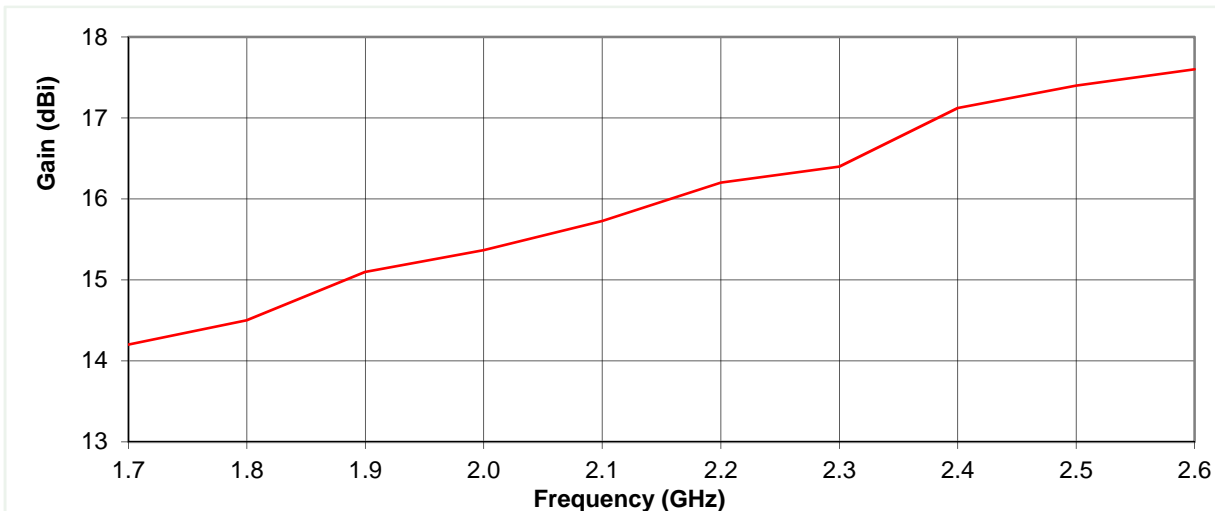


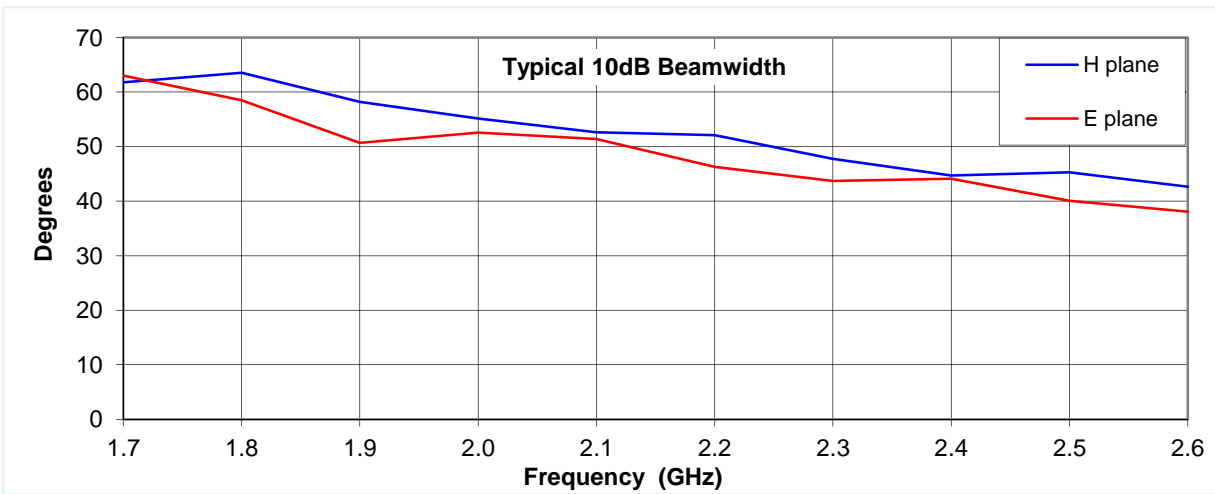
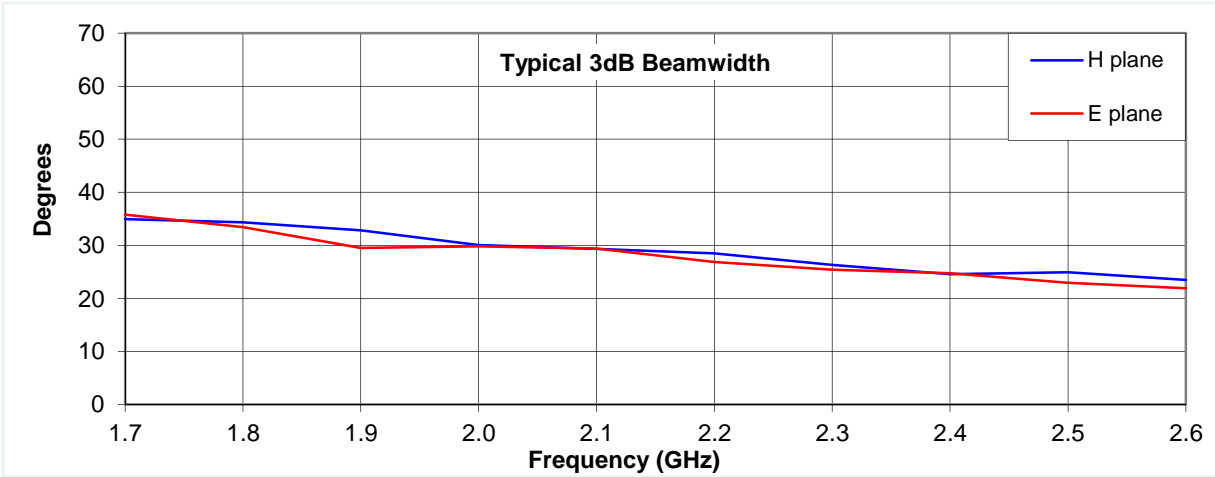
Typical Specification

Frequency	1.7 to 2.6 GHz
Connector Type	N type jack
Power Handling	300 Watt c.w.
VSWR	< 1.4 :1
Gain	14.2 to 17.6 dBi
Antenna Factor	20.6 to 21.1 dB/m
3dB Beamwidth	22 to 36 degrees
10dB Beamwidth	38 to 64 degrees
Weight	3.4 kg nominal
Maximum Size	337mm x 264 mm external aperture x 537 mm long
Mounting	Mounting Plate 160 mm x 105 mm with 4 holes, diameter 8.3 mm, 135 x 80 mm centres
Construction	Welded aluminium. Powdercoat finish.

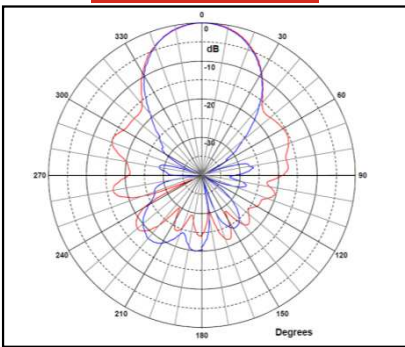
Typical Antenna Gain / Factor

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.

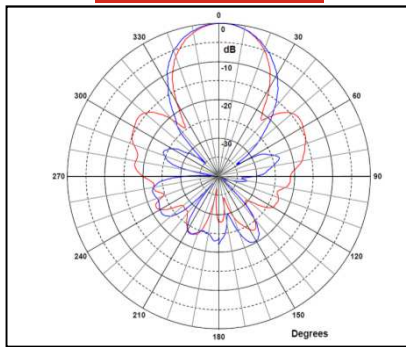




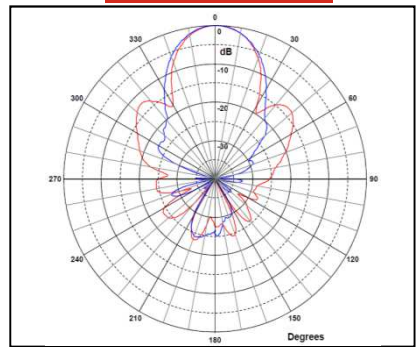
1.7 GHz



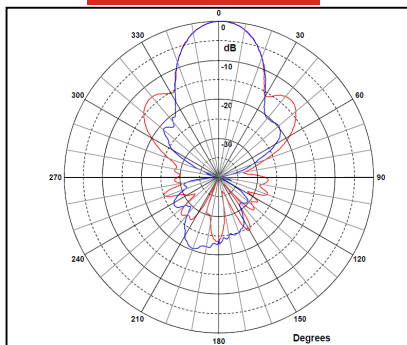
1.9 GHz



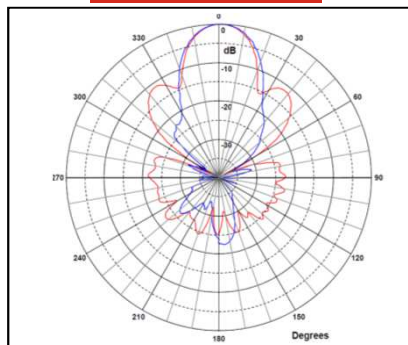
2.2 GHz



2.4 GHz



2.6 GHz



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

