

# 1.7 - 2.6 GHz Linearly Polarised 10 dBi Horn Antenna fitted with an N type Connector

Catalogue number **QSH-SL-1.7-2.6-N-10**

Q-par reference **QMS-00091**

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

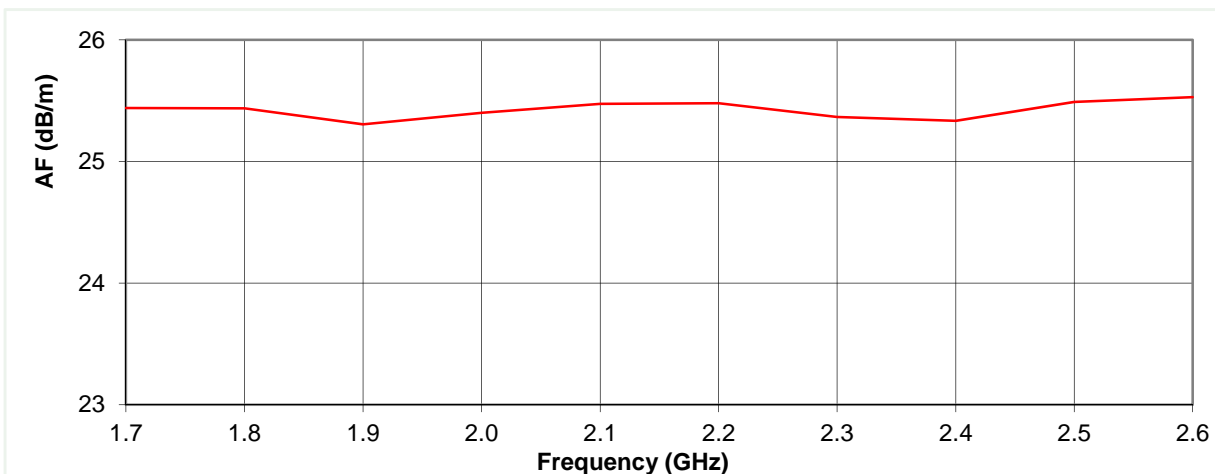
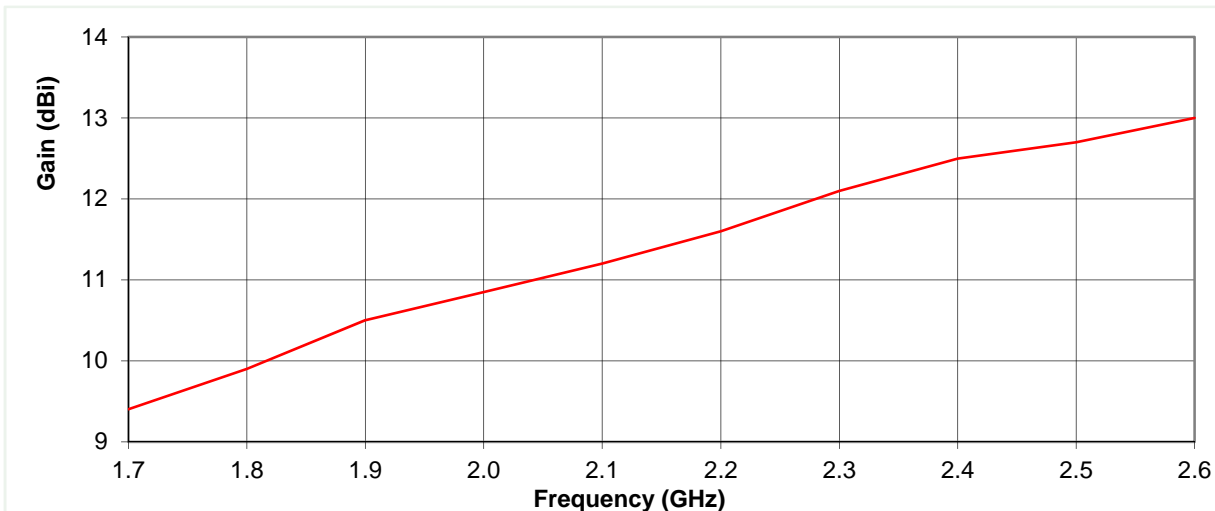


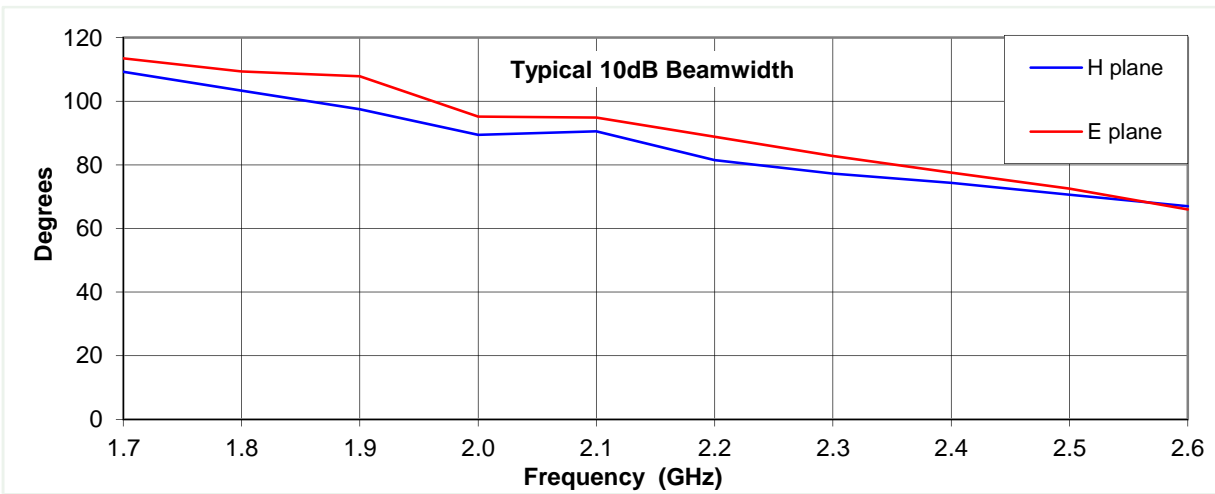
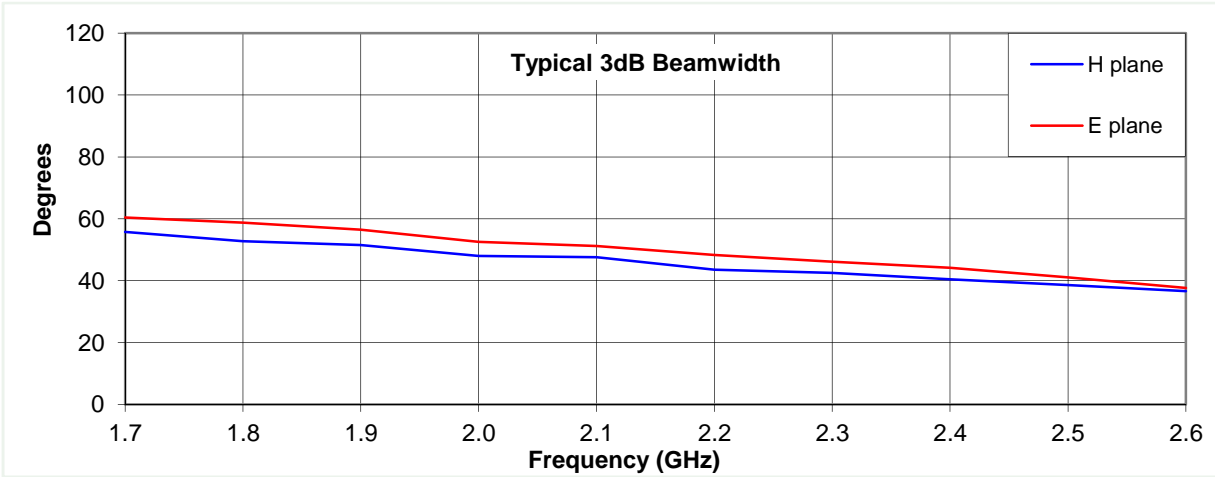
## Typical Specification

<b>Frequency</b>	1.7 to 2.6 GHz
<b>Connector Type</b>	N type jack
<b>Power Handling</b>	300 Watt c.w.
<b>VSWR</b>	< 1.5:1
<b>Gain</b>	9.4 to 13 dBi
<b>Antenna Factor</b>	25.3 to 25.5 dB/m
<b>3dB Beamwidth</b>	37 to 60 degrees
<b>10dB Beamwidth</b>	66 to 113 degrees
<b>Weight</b>	2.1 kg nominal
<b>Maximum Size</b>	205 x 150 mm external aperture x 365 mm long
<b>Mounting</b>	Mount plate with 4 holes diameter 8.2mm, 135 x 80 mm centres.
<b>Construction</b>	Welded aluminium, powdercoat finish.

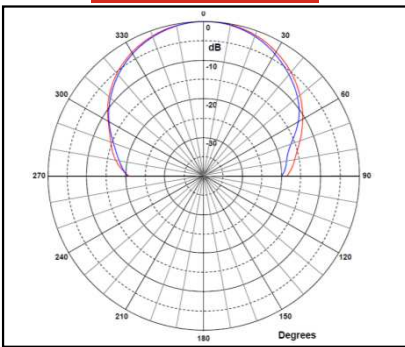
## Typical Antenna Gain / Factor

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.

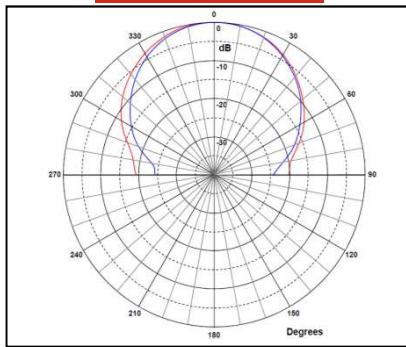




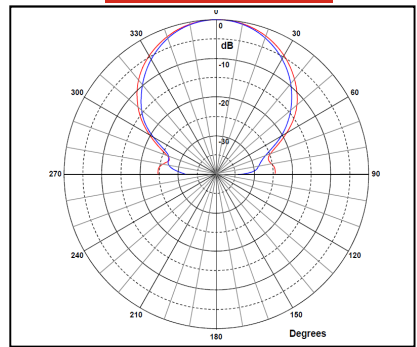
**1.7 GHz**



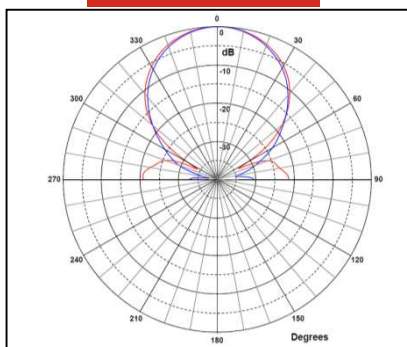
**1.9 GHz**



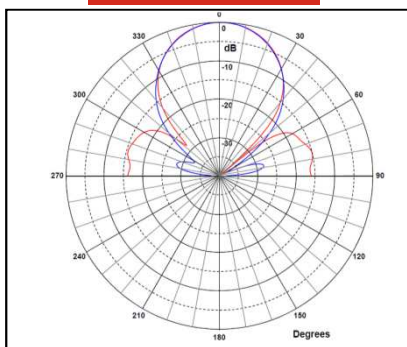
**2.2 GHz**



**2.4 GHz**



**2.6 GHz**



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

