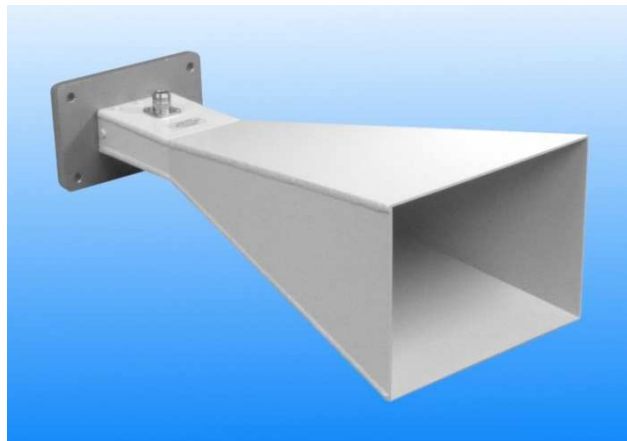


## 2.6 - 4.0 GHz Linearly Polarised 15 dBi Horn Antenna fitted with an N type Connector

Catalogue number **QSH-SL-2.6-4-N-15**

Q-par reference **QMS-00110**

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



Typical photograph. Finish according to customer specifications.

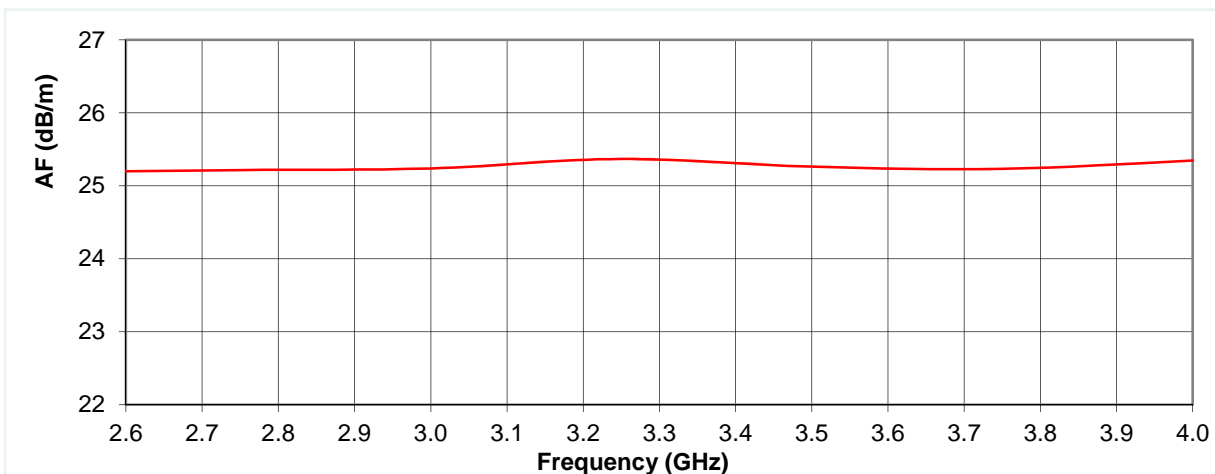
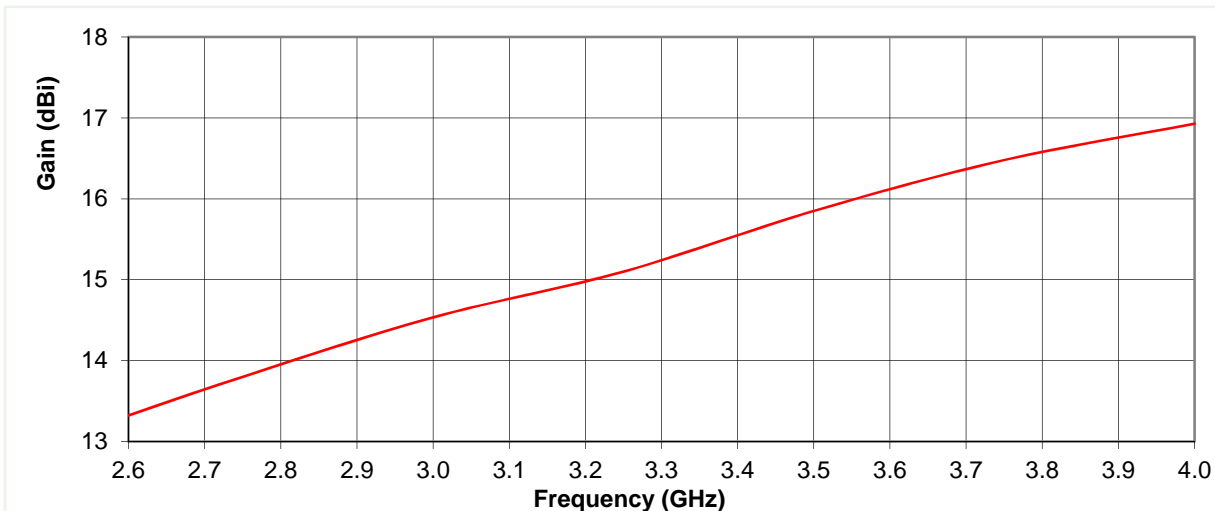


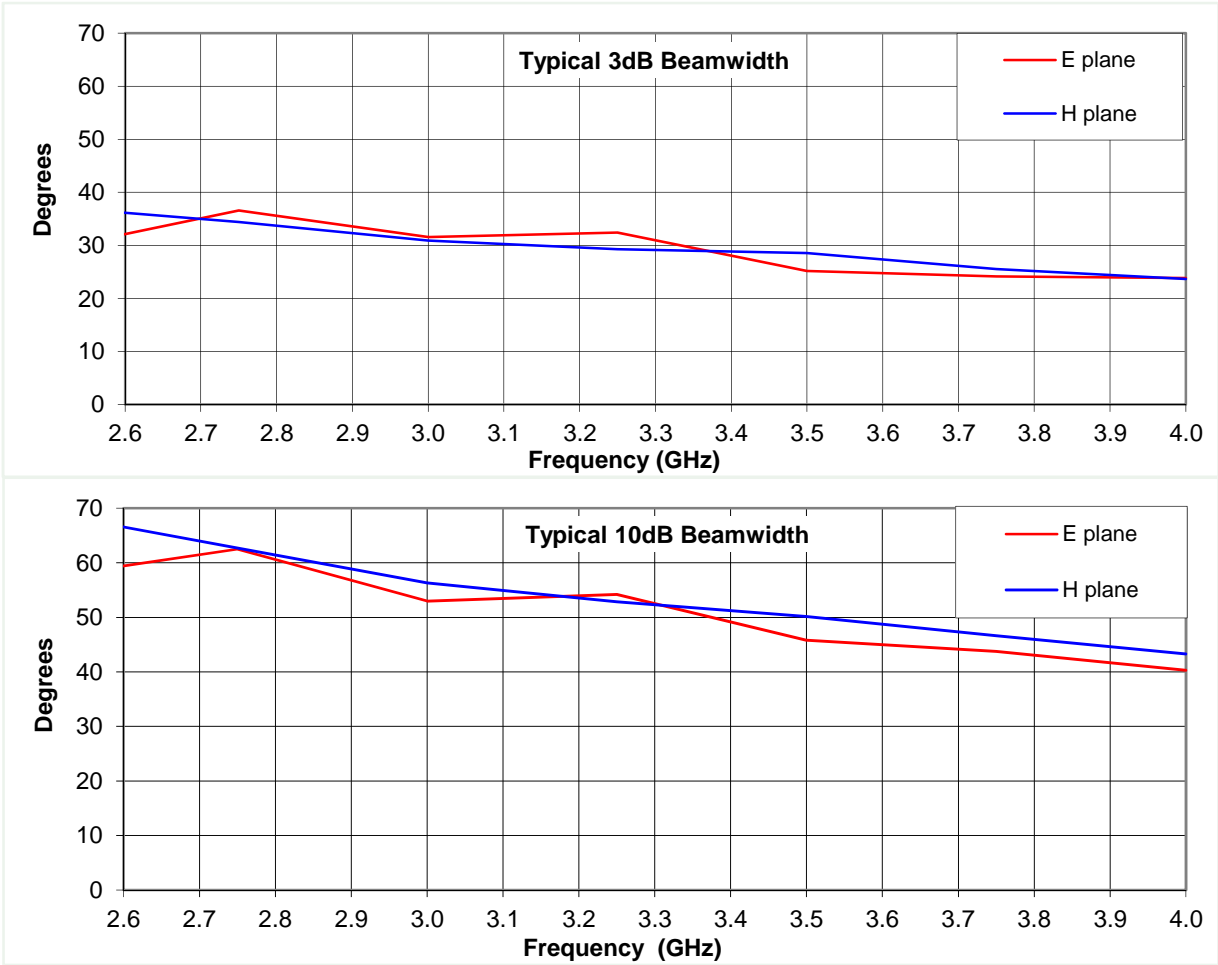
## Typical Specification

<b>Frequency</b>	2.6 to 4.0 GHz
<b>Connector Type</b>	N type jack
<b>Power Handling</b>	200 Watt c.w.
<b>VSWR</b>	< 1.5 :1
<b>Gain</b>	13.2 to 16.9 dBi
<b>Antenna Factor</b>	25.2 to 25.4 dB/m
<b>3dB Beamwidth</b>	24 to 37 degrees
<b>10dB Beamwidth</b>	40 to 69 degrees
<b>Weight</b>	1.9 kg nominal
<b>Maximum Size</b>	201 mm x 155 mm external aperture x 442 mm long
<b>Mounting</b>	Mounting Plate 150 mm x 100 mm with 4 holes, diameter 8.1 mm on 125 mm x 75 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.

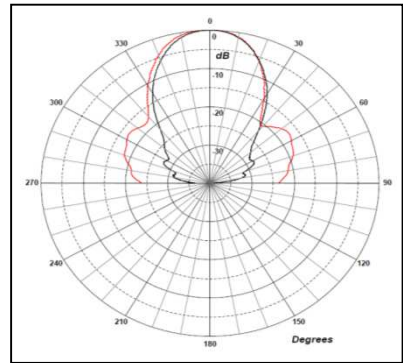
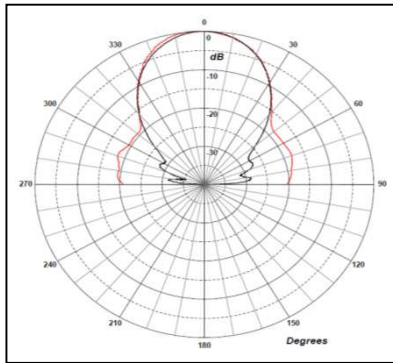
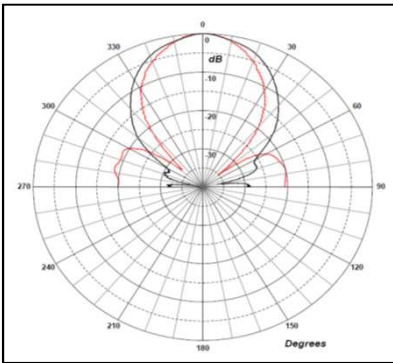




2.6 GHz

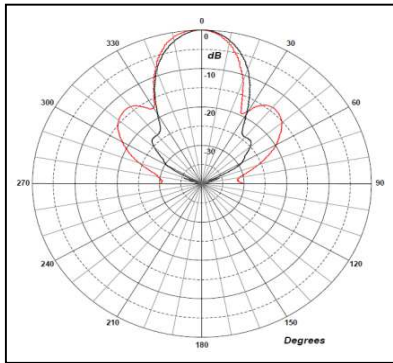
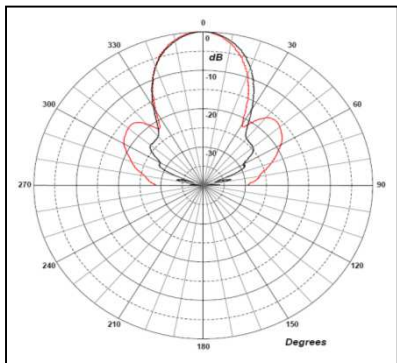
2.75 GHz

3.25 GHz



3.75 GHz

4.0 GHz



Red trace = E-plane. Black trace = H-plane cut

