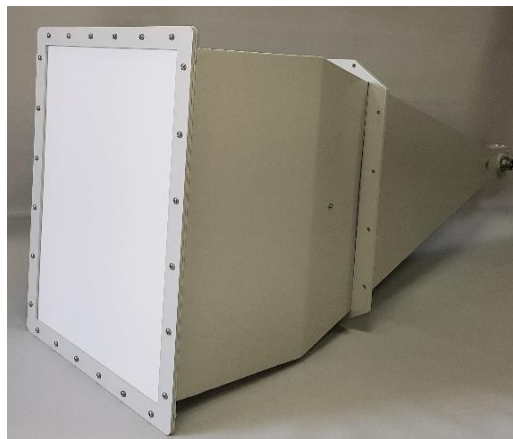


2.6 - 4.0 GHz Linearly Polarised 21 dBi Lensed Horn Antenna fitted with a 7:16 DIN type Connector

Catalogue number **QSH-SL-2.6-4-A-21-R**

Q-par reference **QMS-00890**

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

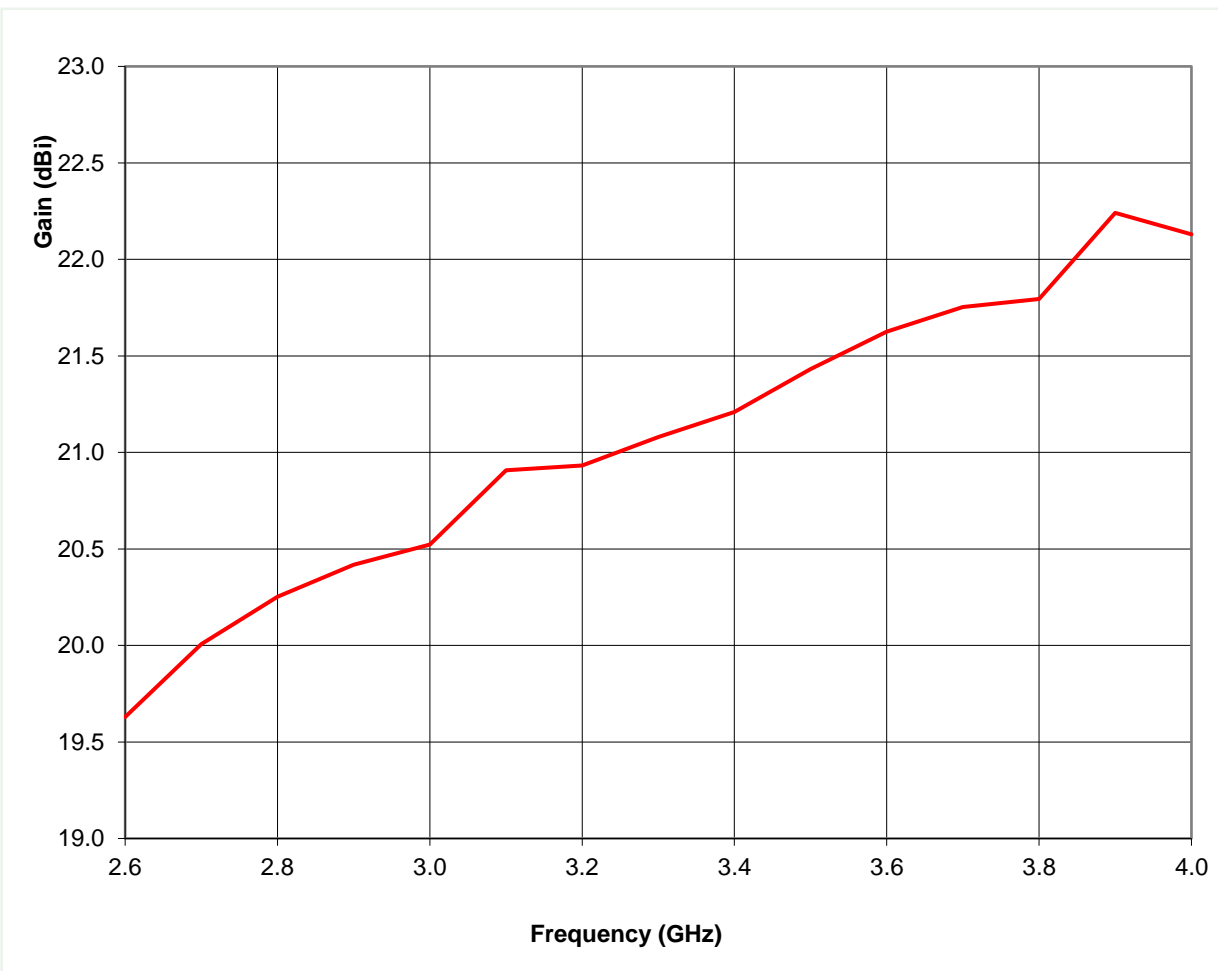


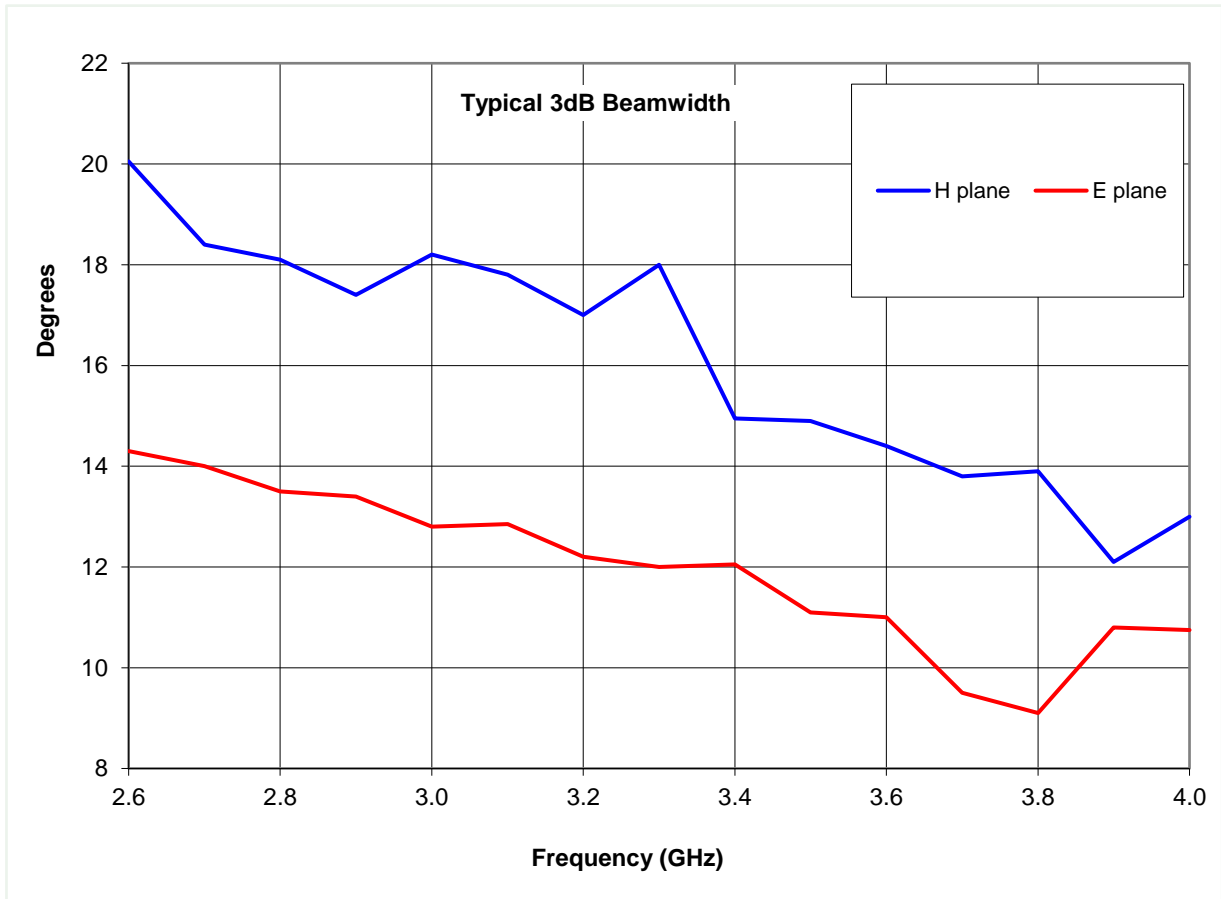
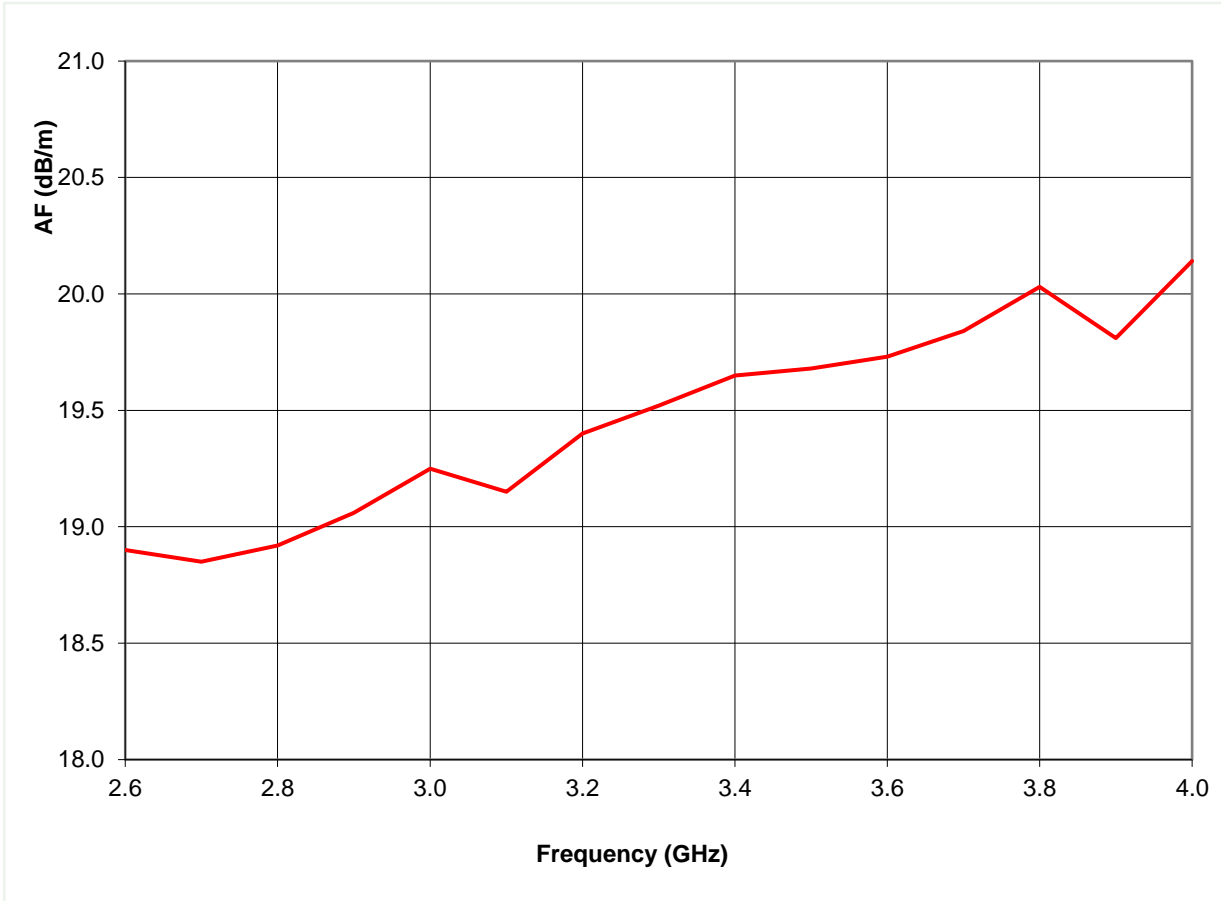
Typical Specification (at 1m)

Frequency	2.6 to 4 GHz			
Connector Type	7:16 DIN Type Female			
Power Handling	10 kW peak; 700 W mean			
VSWR	Typically < 1.35 :1			
Gain	19.6 to 22.2 dBi			
Antenna Factor	18.9 to 20.1 dB/m			
3dB Beamwidth	9 to 20 degrees			
Weight	10.8 kg nominal			
Maximum Size	497 x 377 ext. aperture x 1140 mm long			
Mounting	Mount flange with 8 holes, 95 mm centres, in two rows 316 mm apart. Plus 8 holes, 70 mm centres, in two rows 430 mm apart			
Construction	Welded aluminium, powdercoat finish. Dielectric radome.			

Typical Antenna Gain / Factor and 3dB Beamwidth (at 1m)

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.





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

