2.6 - 4 GHz Linearly Polarised 21 dBi Lensed Horn Antenna fitted with an N type Connector and Radome

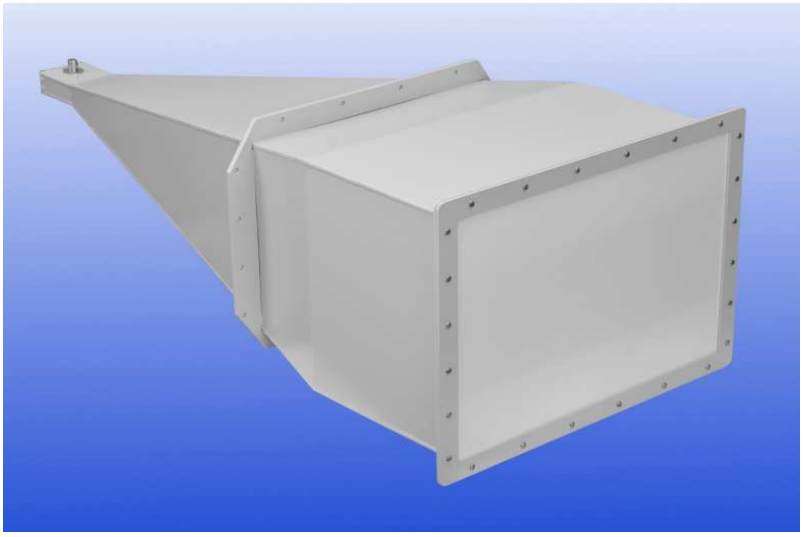
WG10 R32 WR284

Test Report

Catalogue number: **QSH-SL-2.6-4-N-21-R**

Q-par reference: **QMS-00747**

Contents:



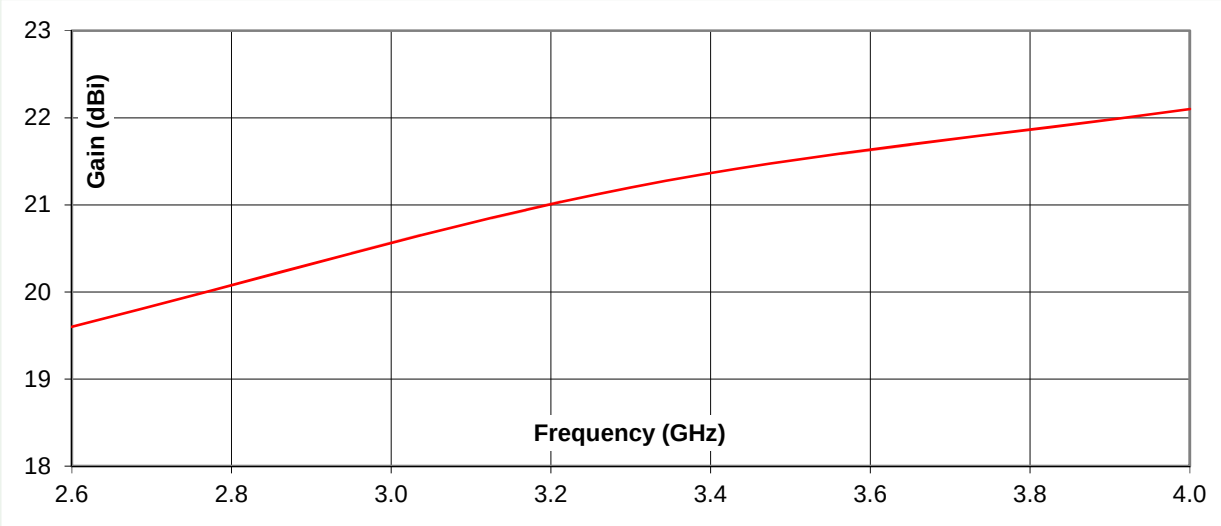
KG 14/08/2014 9195

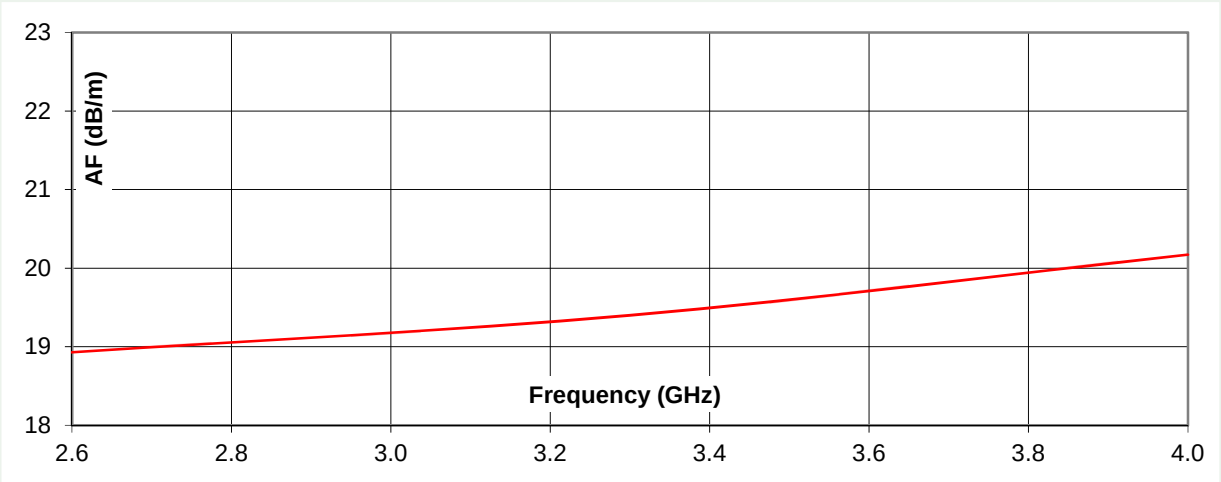
Typical Specification

Frequency	2.6 to 4 GHz
Connector type	N type jack
Power Handling	5 kW peak. 200 W c.w.
VSWR	Typically <1.5:1
Gain	19.6 to 22.1 dBi at one metre
Antenna Factor	18.9 to 20.2 dB/m
3dB Beamwidth	12 to 17 degrees at one metre
Weight	11.5 kg nominal
Size- max.	496 x 376 mm aperture x 1147 mm long
Mounting	Via 16 x 6.8 mm diameter holes in flange on centre of gravity. Refer to QMS-00747_ICD.
Construction	Stainless steel, aluminium and engineering composites.

Typical Antenna Gain / Factor at One Metre

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.





3 dB Beamwidth at One Metre

Estimated tolerance is ± 2 degrees.