6 - 8 GHz Linearly Polarised 22 dBi Horn Antenna fitted with an N type Connector

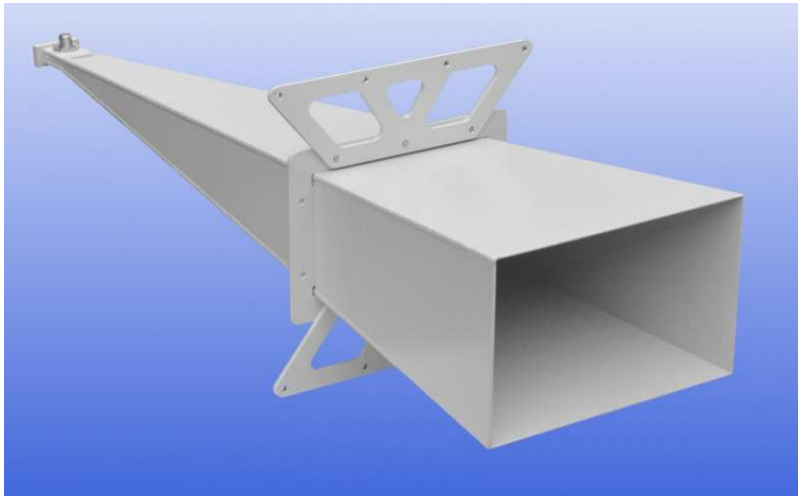
WG14 R70 WR137

Test Report

Catalogue number: **QSH-SL-6-8-N-22**

Q-par reference: **QMS-00749**

Contents:



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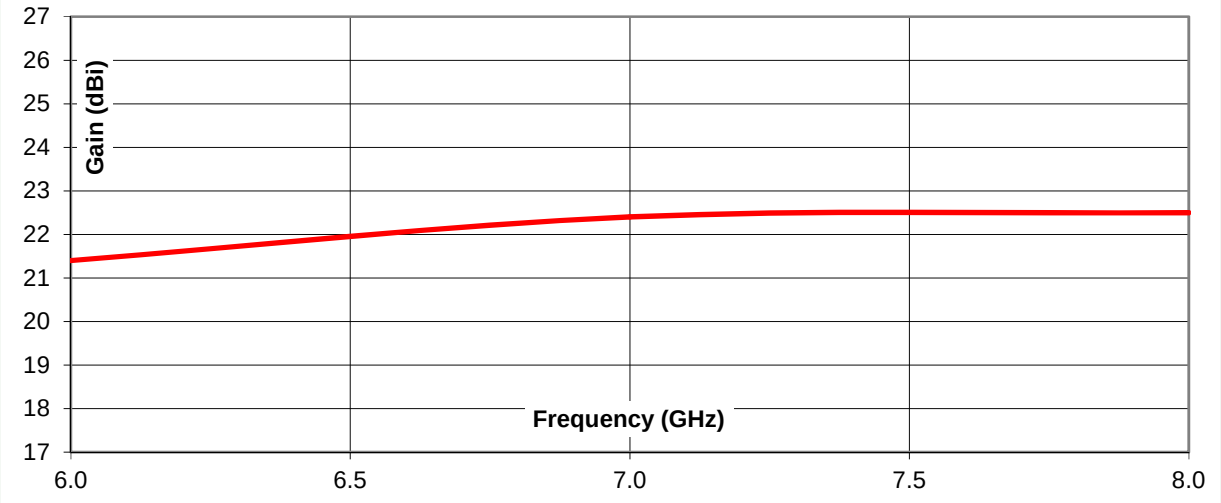
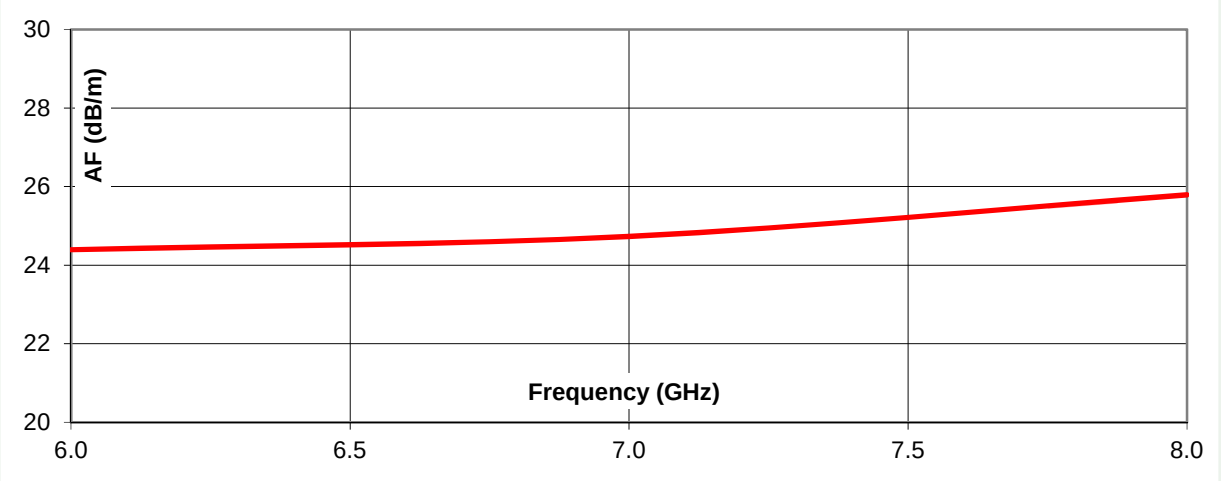
Typical Specification

Frequency	6 to 8 GHz
Connector type	N type jack
Power Handling	5 kW peak; 150 W mean
VSWR	Typically < 1.3:1. 1.5:1 Max.
Gain	21.4 to 22.5 dBi at one metre
Antenna Factor	24.4 to 25.8 dB/m
3dB Beamwidth	10 to 14 degrees at one metre
Weight	4.5 kg nominal
Size- max.	336 x 305 x 1057 mm
Mounting	Via mounting flange at centre of gravity. Refer to QMS-00749_ICD.
Construction	Welded aluminium, powdercoat finish.

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 ± 2 degrees