

0.75 - 1.1 GHz Linearly Polarised 15 dBi Horn Antenna fitted with an N type Connector and Radome

Catalogue number **QSH-SL-0.7-1.1-N-15-R**

Steatite reference **QMS-00925**

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



Note: Antenna shown with no Radome

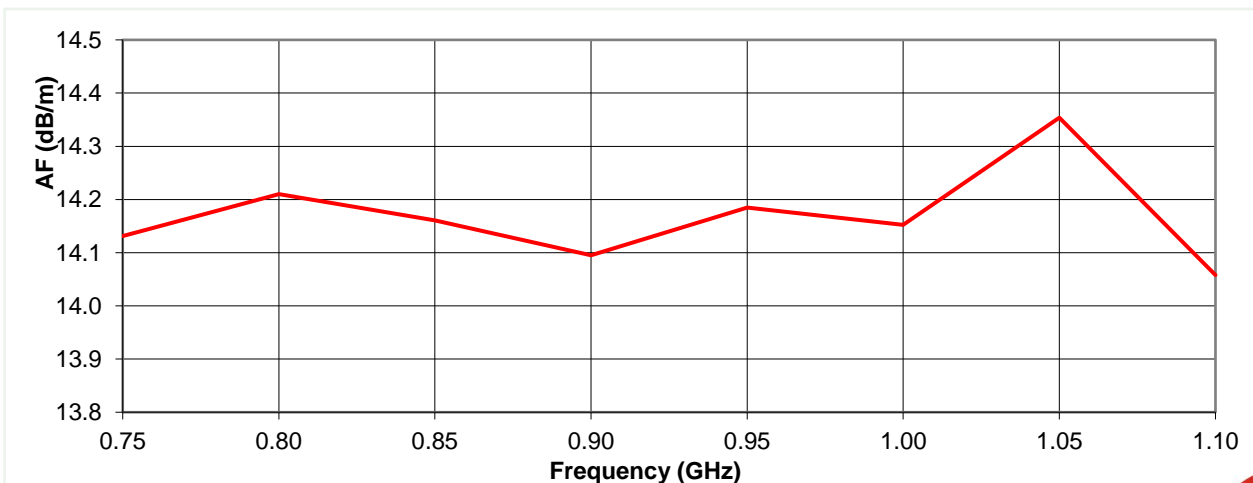
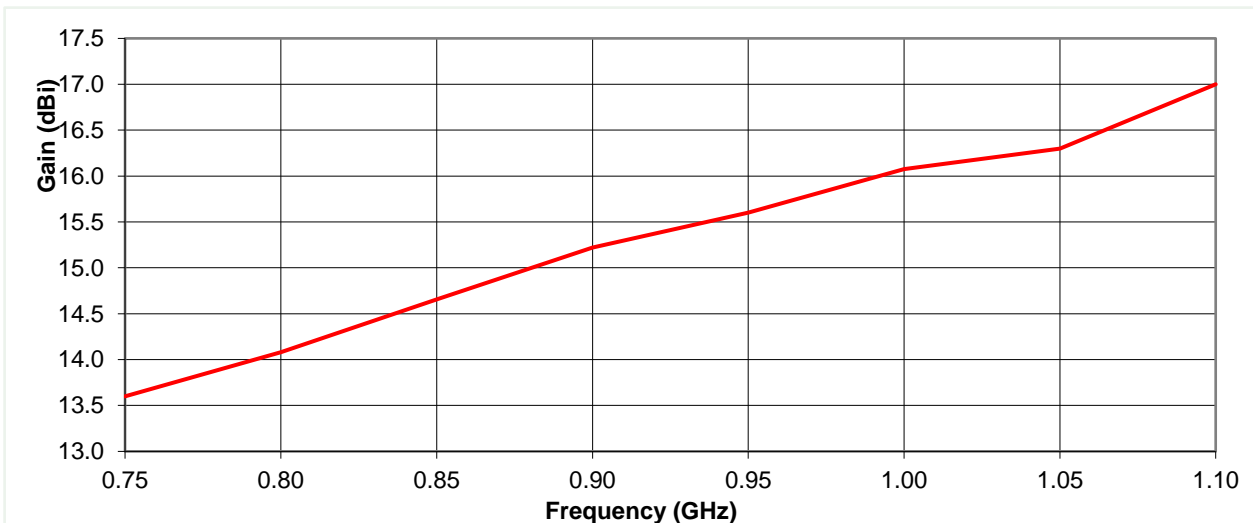


Expected Specification

Frequency	0.75 to 1.1 GHz
Connector Type	N-Type Female
Power Handling	400W CW
VSWR	<1.6:1
Gain	13.6 to 17 dB _i
Antenna Factor	14.1 to 14.4 dB/m
3dB Beamwidth	25 to 38 degrees
10dB Beamwidth	44 to 66 degrees
Weight	13.7 kg nominal
Maximum Size	809 mm x 605 mm external aperture x 1050 mm long
Mounting	Mounting brackets fitted on two sides, at centre of gravity. Each having 4 holes, diameter 10 mm, 40 mm centres
Construction	Welded aluminium. Powdercoat finish. Dielectric Radome.

Expected 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.



Expected Beamwidth

