

Standard Gain Horn

5.8 to 8.2

WG14

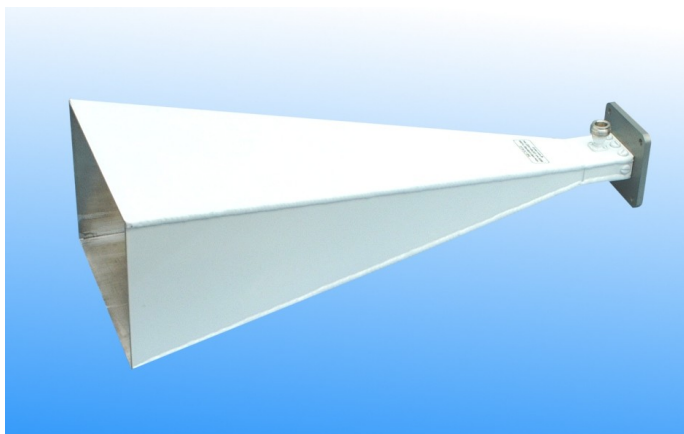
P/N: **QSH14N20**

S/N: **5282 & 5283**

Q-par ref: **D1349**

Date: **03-Mar-11**

Contents: **Summary**
Antenna Gain
Beamwidth
VSWR



Test Report

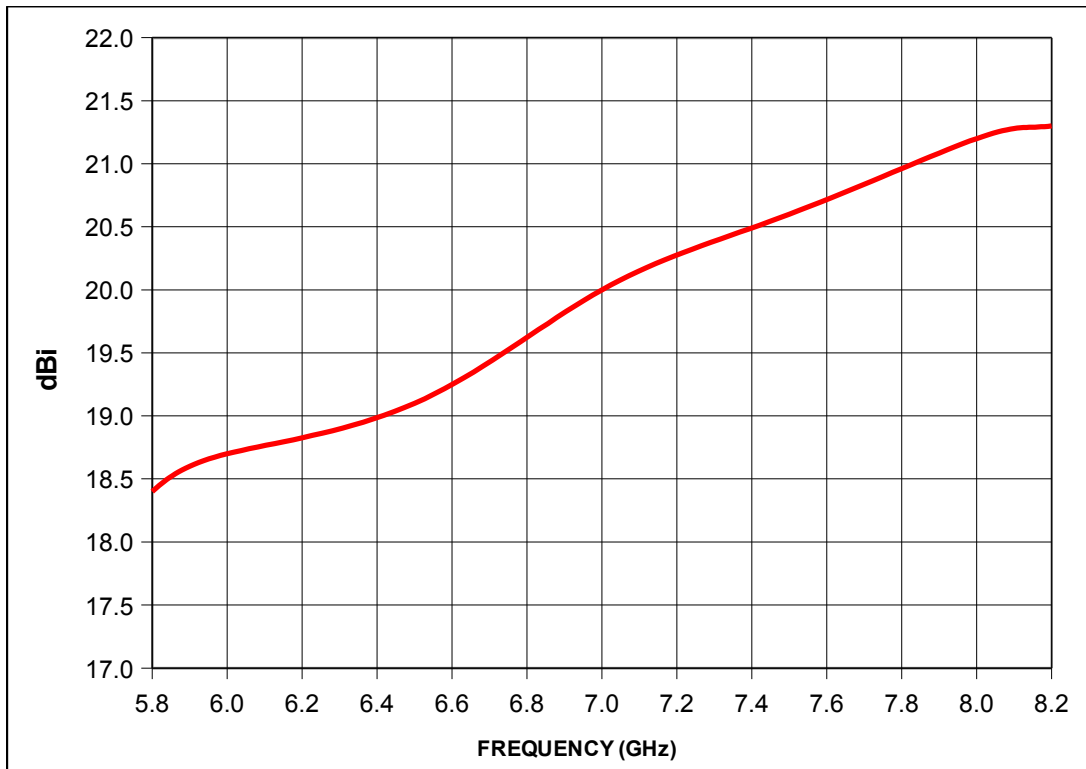
This report covers full electrical testing and has been produced for
Qpar Angus

Summary

Frequency	5.8 to 8.2
Connector type	N type (female)
VSWR	< 1.4:1
Gain	18.4 to 21.3 dBi
Power handling	100 Watts c.w.
Weight	866 gms.
Size- max.	180 x 134 mm ext. aperture, 398 mm long.
Mounting	Rear mount plate 4 holes drilled 5.1mm, 50mm centres

Typical Antenna Gain

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.



The recommended far field range for this antenna is > 1.8 Metres

Frequency GHz	Gain dBi	Antenna Factor dB/m
5.8	18.4	27.1
6.5	19.1	27.4
7.0	20.0	27.1
7.5	20.6	27.1
8.2	21.3	27.2

