



Q-par Angus Ltd

IDEAS ENGINEERED

Broadband Horn Antenna

2 to 18 GHz

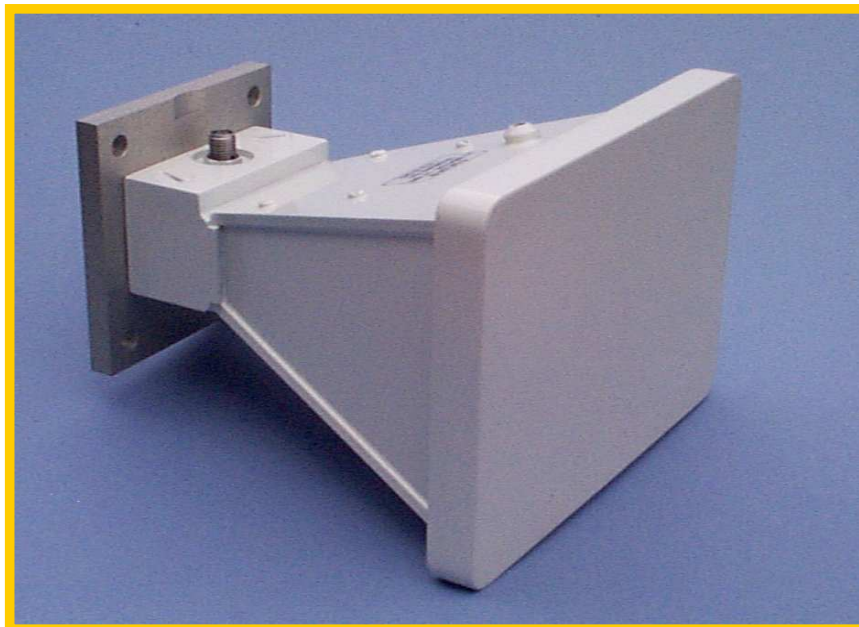
P/N: **WBH218S**

S/N: ********

Q-par ref: **D642**

Date: **05-Jan-07**

Contents: **Summary**
Antenna Gain
Beamwidth
Return Loss



Test Report

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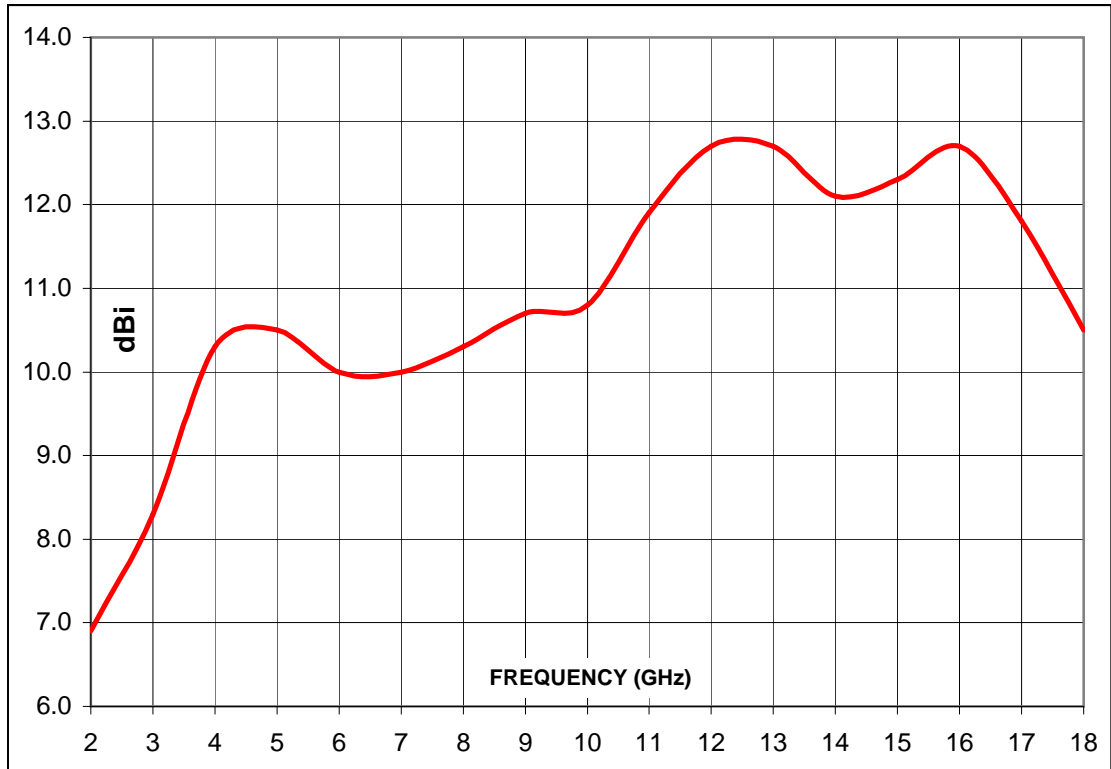
This report covers full electrical testing and has been produced for
Q-par Angus Ltd.

Summary

Frequency	2 to 18 GHz
Connector type	SMA (female)
VSWR	< 2.5:1 (2 to 18 GHz)
Gain	7 to 13 dBi (2 to 18 GHz)
Power handling	20 Watts c.w.
Weight	370 g. (inc. 80g mounting plate)
Size- max.	119 x 86 x 119mm long
Mounting	4 holes, 5.2mm diameter, 50mm centres
Cross Polar	< -20 dB (2 to 18 GHz)
3db Beamwidth	14 to 90 degrees

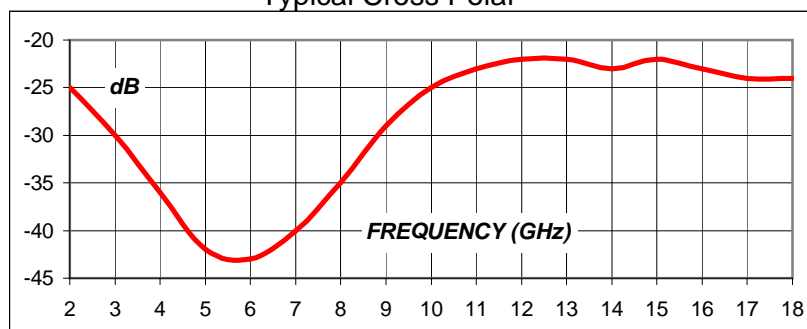
Typical Antenna Gain

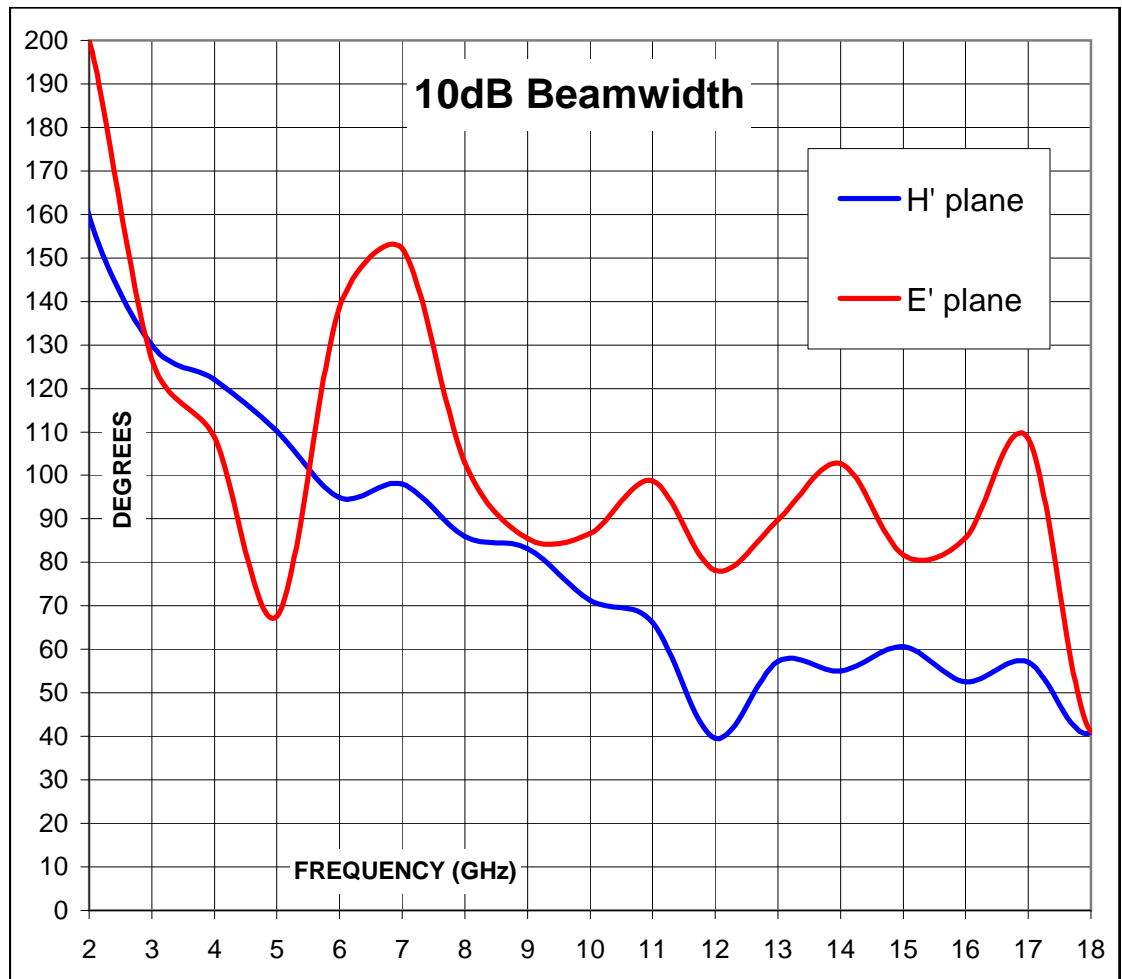
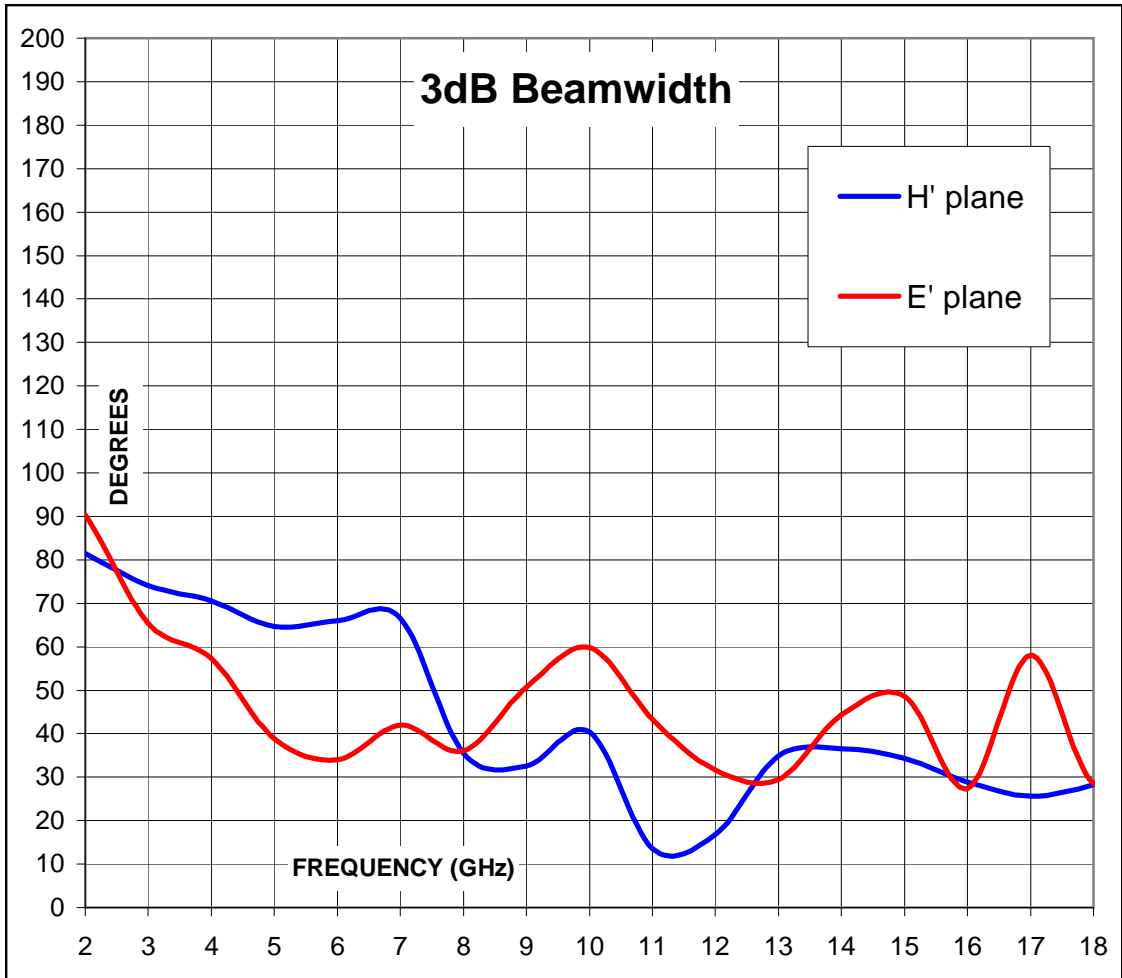
This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB.



The recommended far field range for this antenna is > 1.3 Metres

Typical Cross Polar





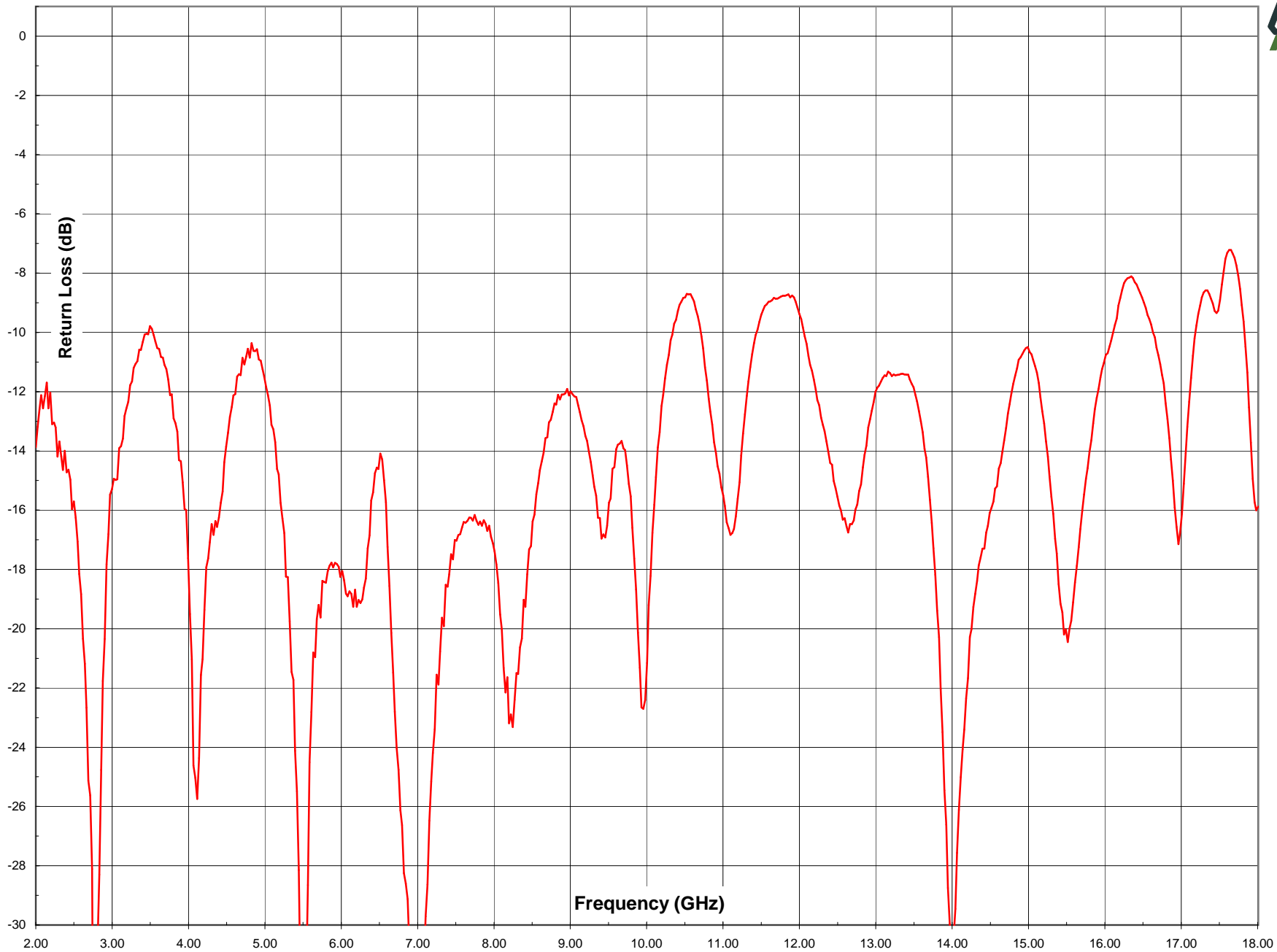
Return Loss

2-18 GHz Wide Band Horn

Notes

P/N WBH2-18S

S/N sn****



DATE 05-Jan-2007

TEMP. 21.89 °C