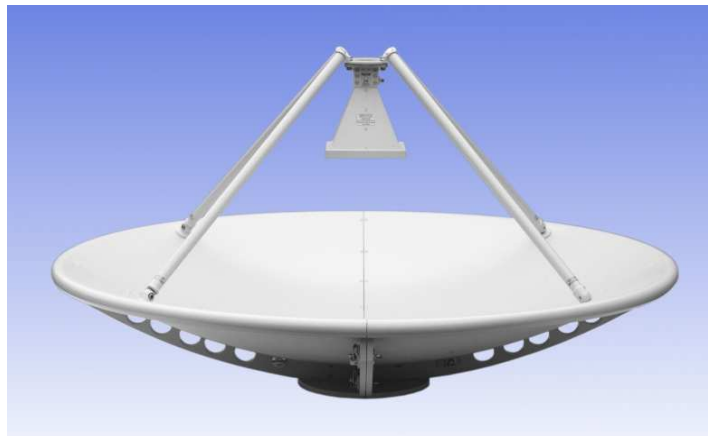


0.9 m Transportable
Aluminium Reflector & 2 - 18
GHz Dual Linearly Polarised
Wideband Reflector Feed
fitted with SMA type
Connectors and a Radome

Catalogue number **QSR-900-T4A-337 & QWF-DL-2-18-S-R**

Q-par reference **QMS-00821**

Contents **Summary**
Typical Gain / Antenna Factor
Typical Beamwidth / Patterns
VSWR / Isolation between ports



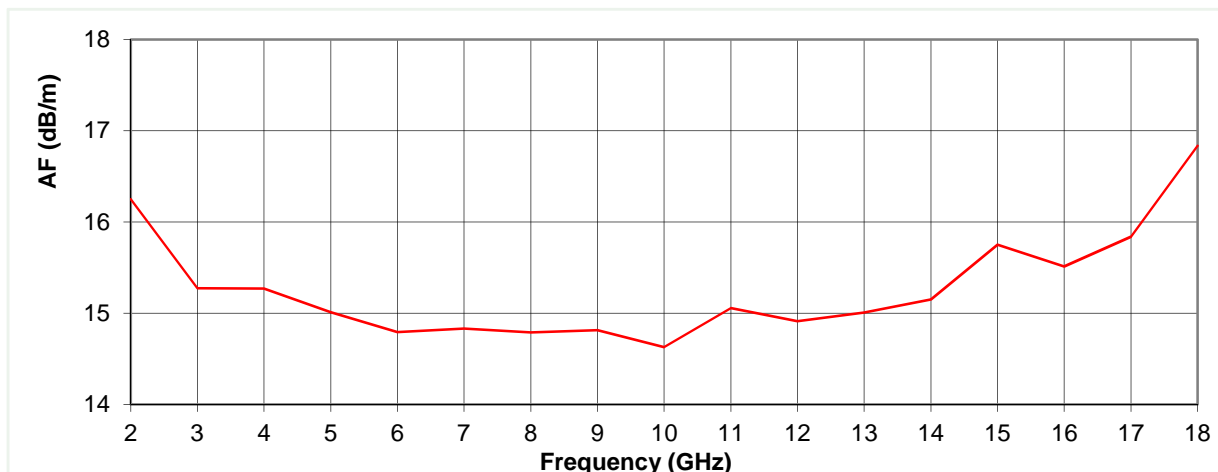
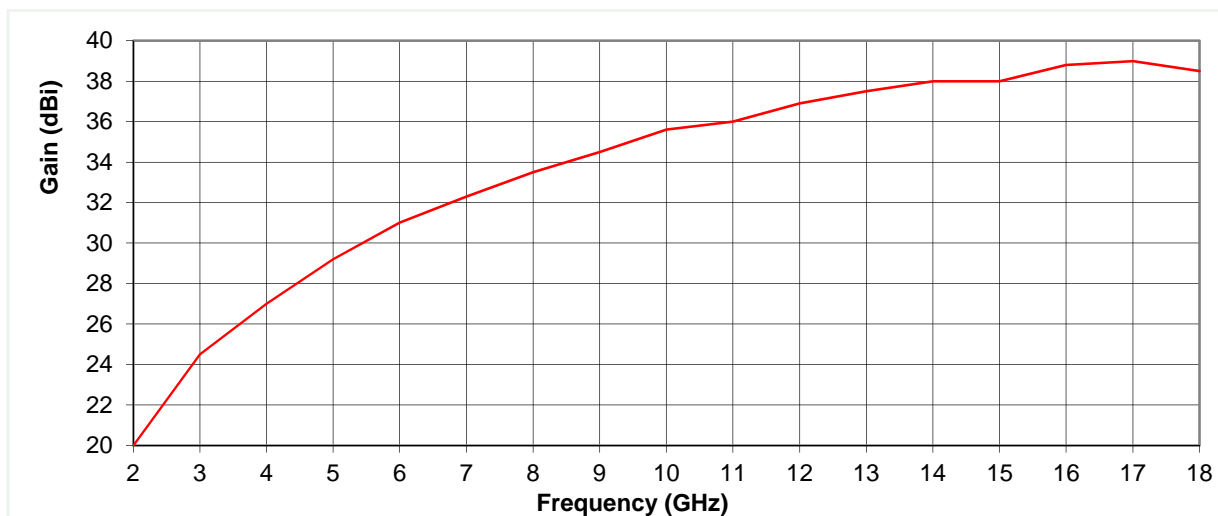
KG 24/03/2016 0279

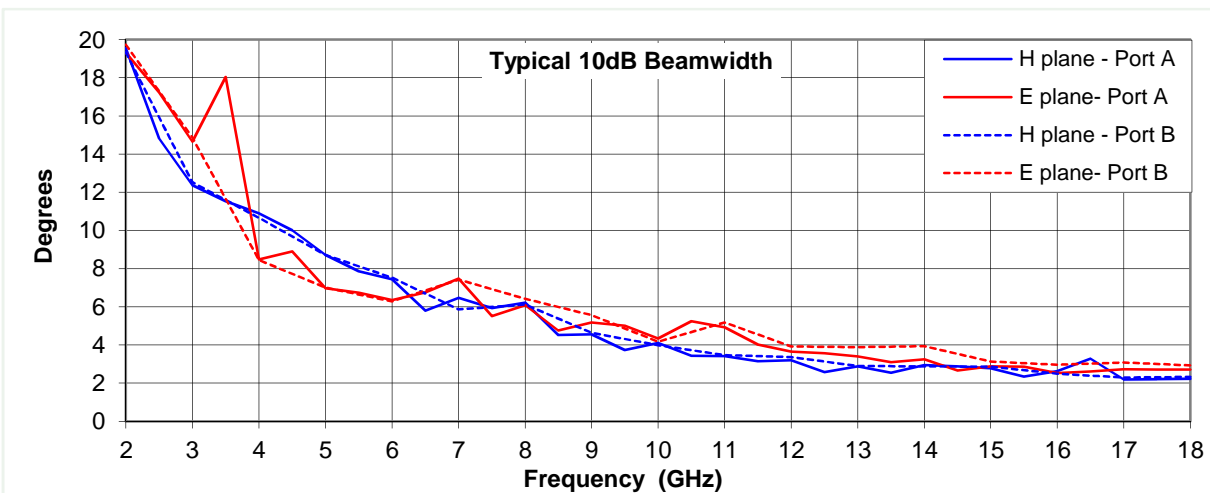
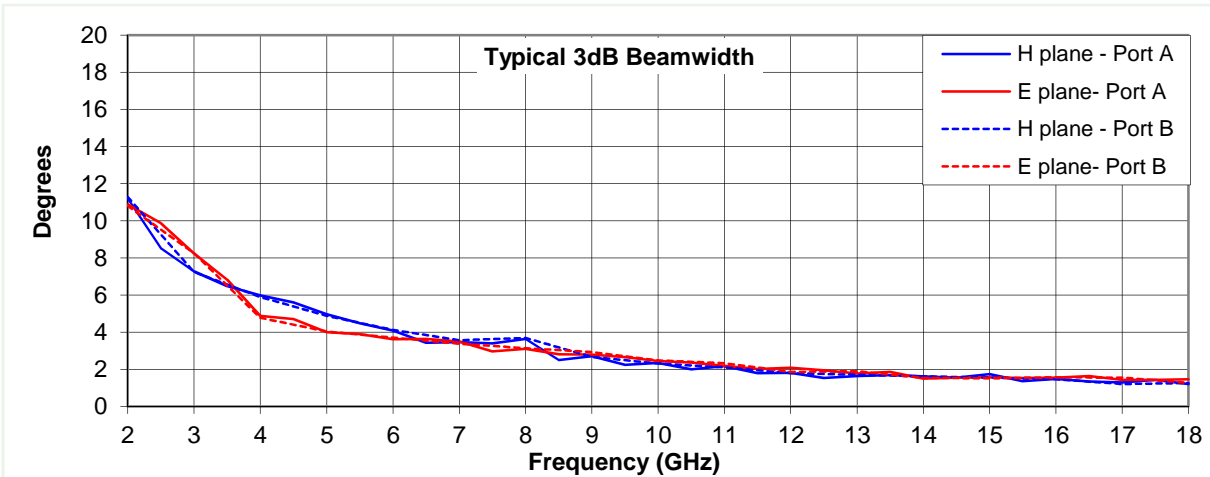
Typical Specification

Frequency	2 to 18 GHz
Connector Type	2 x SMA jack
Power Handling	20 Watt c.w.
VSWR	<2.5:1 over 90 % band 6:1 maximum
Isolation	>25 dB (between connectors)
Gain	20 to 39 dBi
Antenna Factor	14.6 to 16.8 dB/m
3dB Beamwidth	1 to 11 degrees
10dB Beamwidth	2 to 20 degrees
Weight	10.6 kg nominal
Maximum Size	Reflector diameter 935 mm
Mounting	4 holes, diameter 8 mm on 170 mm pitch circle diameter, plus 4 holes, tapped M6 on 125 mm pitch circle diameter.
Construction	Aluminium reflector, powdercoat finish. Aluminium and engineering plastics feed, painted.

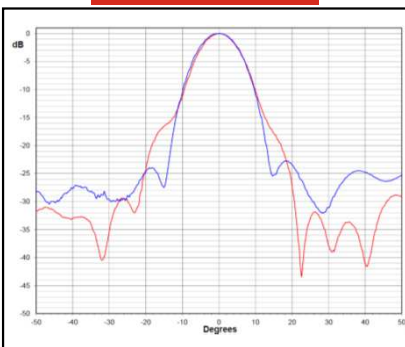
Typical Antenna Gain / Factor

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.

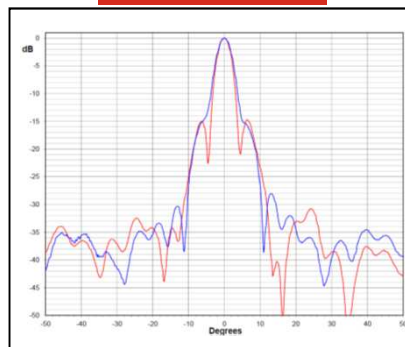




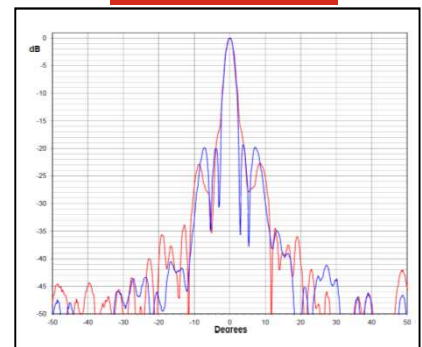
2 GHz



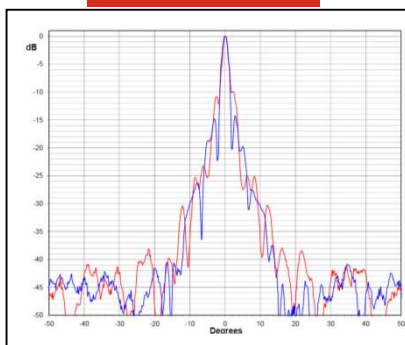
6 GHz



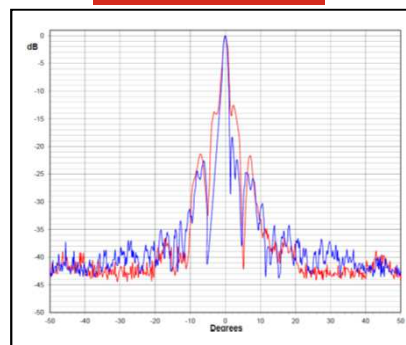
10 GHz



14 GHz



18 GHz



Red trace = E-plane, Blue trace = H-plane cut