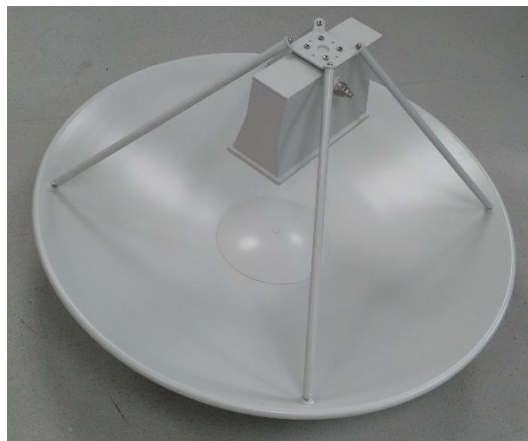


1.2 m Aluminium Reflector & 0.5 - 2 GHz Wideband Feed fitted with an N type Connector and Radome

Catalogue number **QSR-1200-A-457 & QWF-SL-0.5-2-N-R**

Q-par reference **QMS-00848**

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

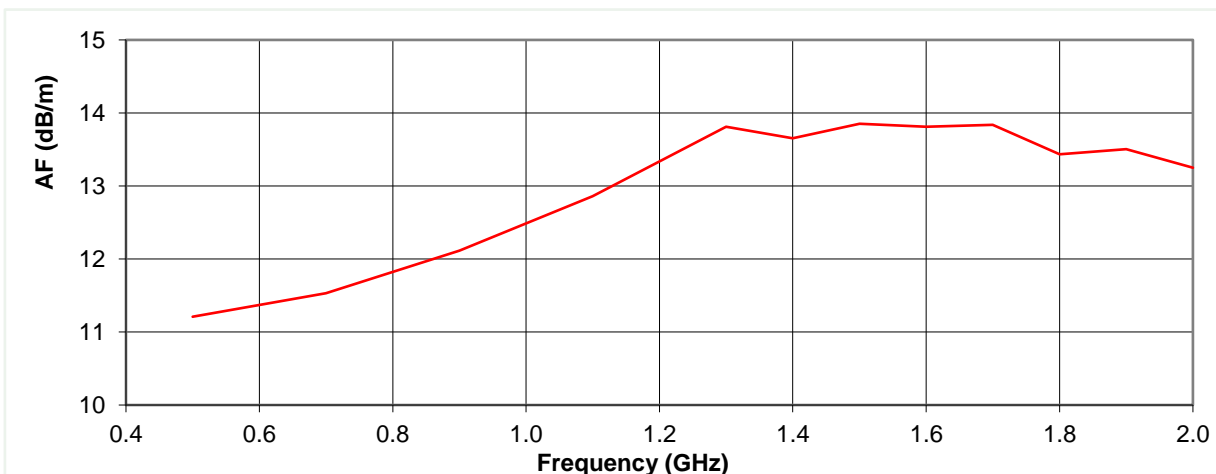
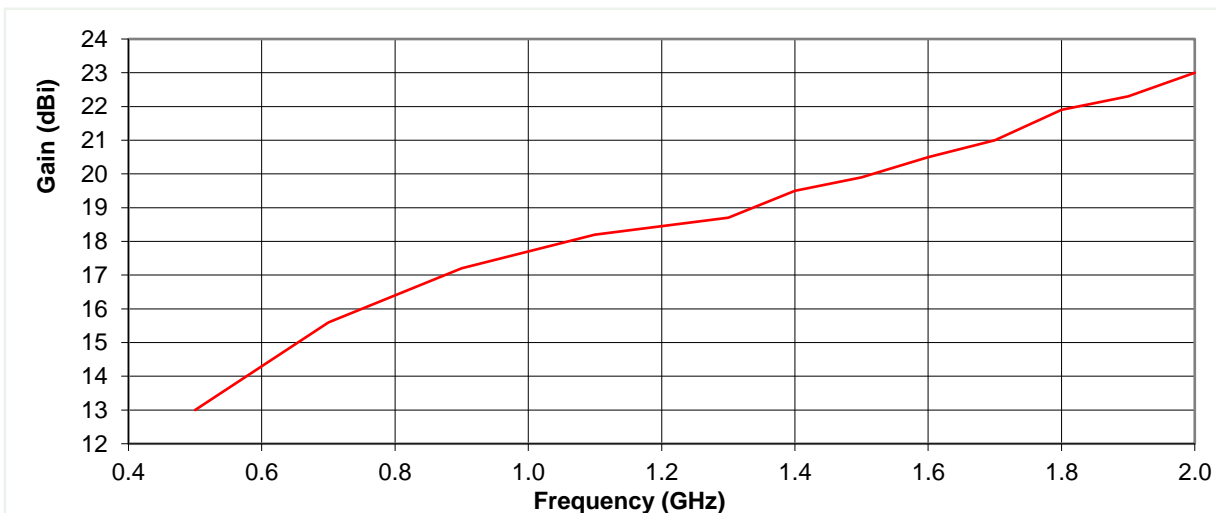


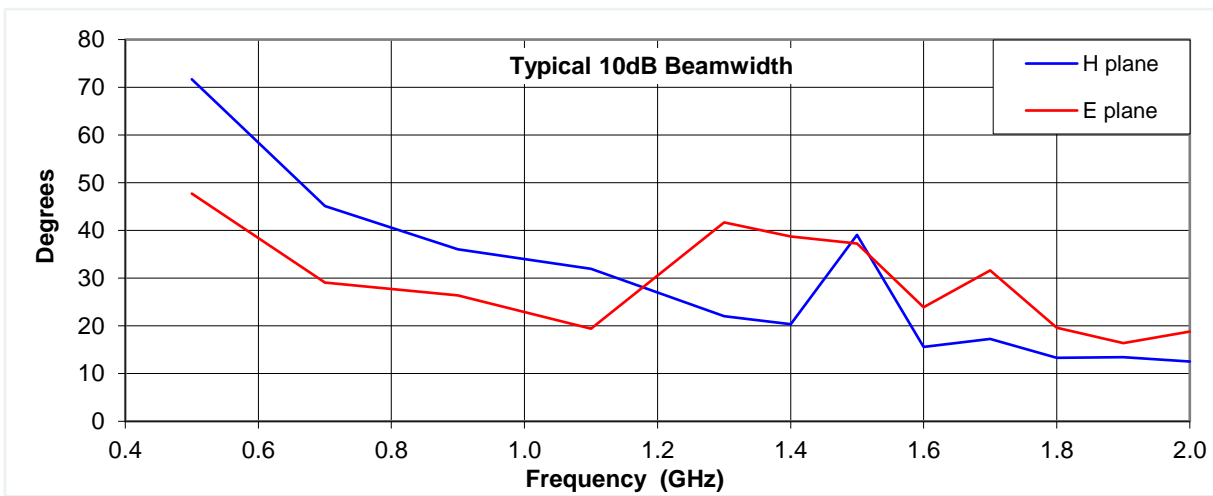
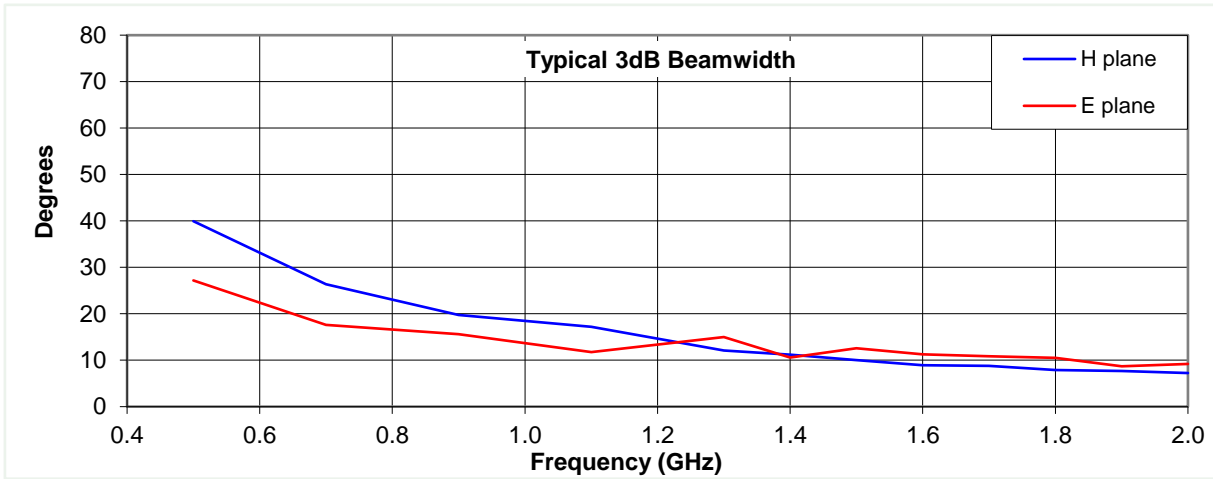
Typical Specification

Frequency	0.5 to 2 GHz
Connector Type	7/16 jack, fitted with N type jack adaptor
Power Handling	500 Watt c.w.
VSWR	Typically < 2.2:1 (3.2:1 maximum)
Gain	13 to 23 dBi
Antenna Factor	11.2 to 13.9 dB/m
3dB Beamwidth	7 to 40 degrees
10dB Beamwidth	13 to 72 degrees
Weight	16.3 kg nominal
Maximum Size	Diameter 1233 mm nominal.
Mounting	8 holes, tapped M6, 125 mm pitch circle diameter
Construction	Spun aluminium reflector, powdercoat finish. Composite feed with aluminium, stainless steel, engineering plastics, painted.

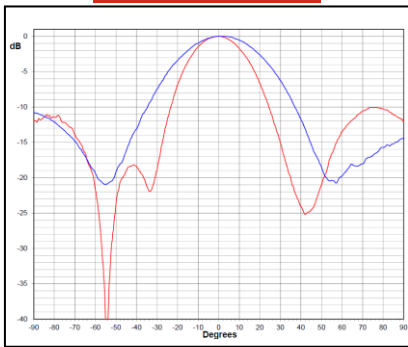
Typical Antenna Gain / Factor

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.

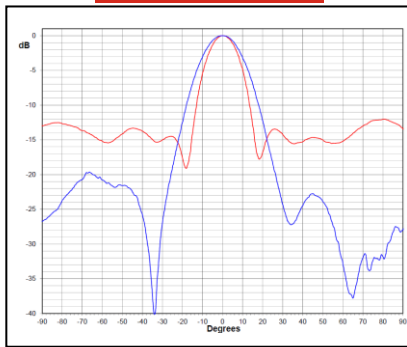




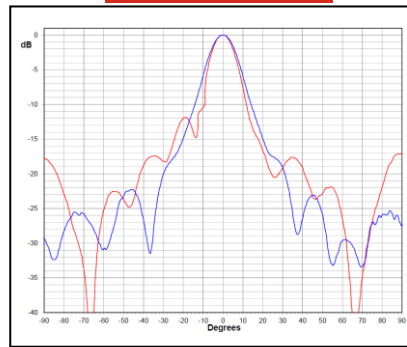
0.5 GHz



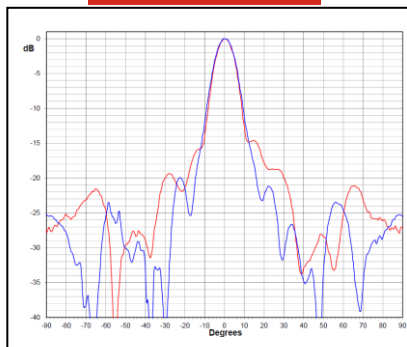
0.9 GHz



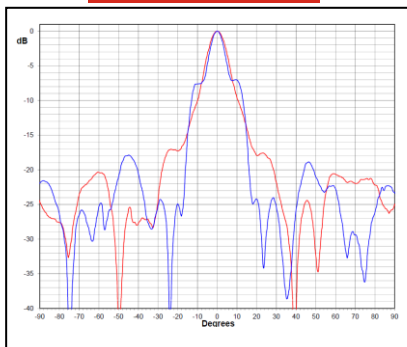
1.3 GHz



1.7 GHz



2.0 GHz



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

