

0.6 m Aluminium Reflector & 8 - 12 GHz Feed fitted with an SMA type connector and a radome

Catalogue number **QSR-600-A-228 & QSF-SL-8-12-S-R**

Q-par reference **QMS-00572**

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

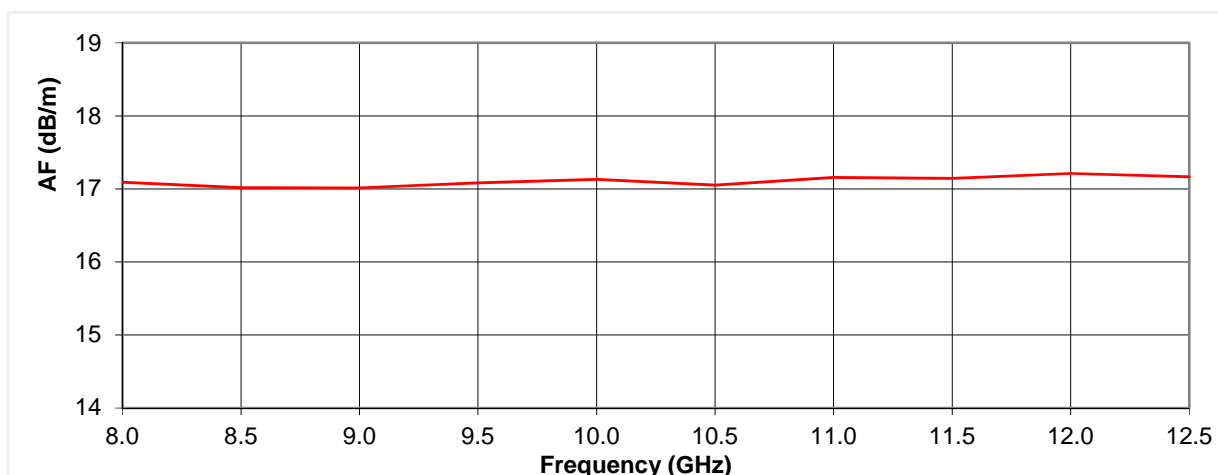
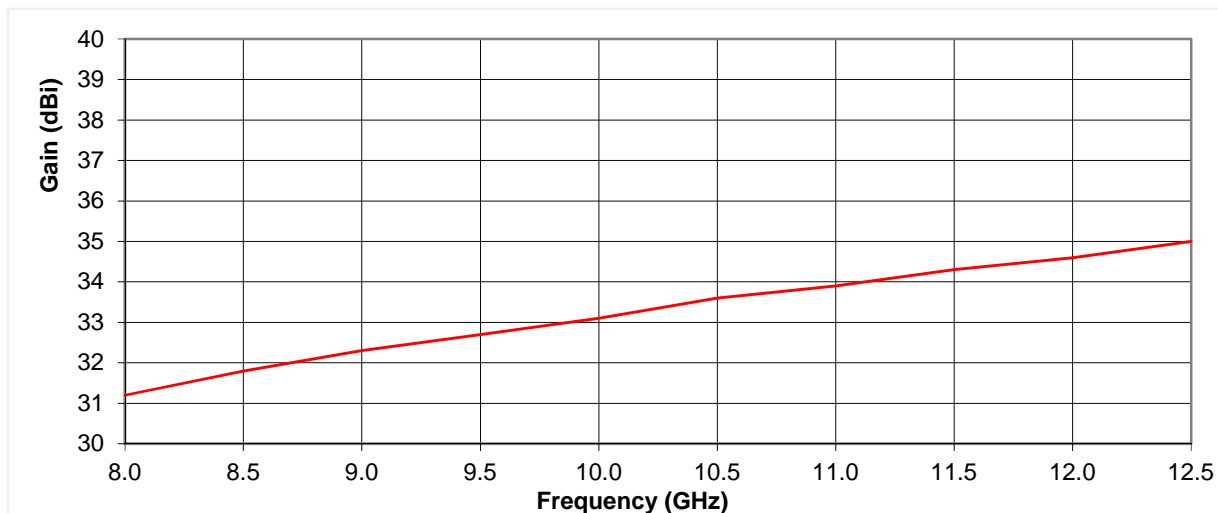


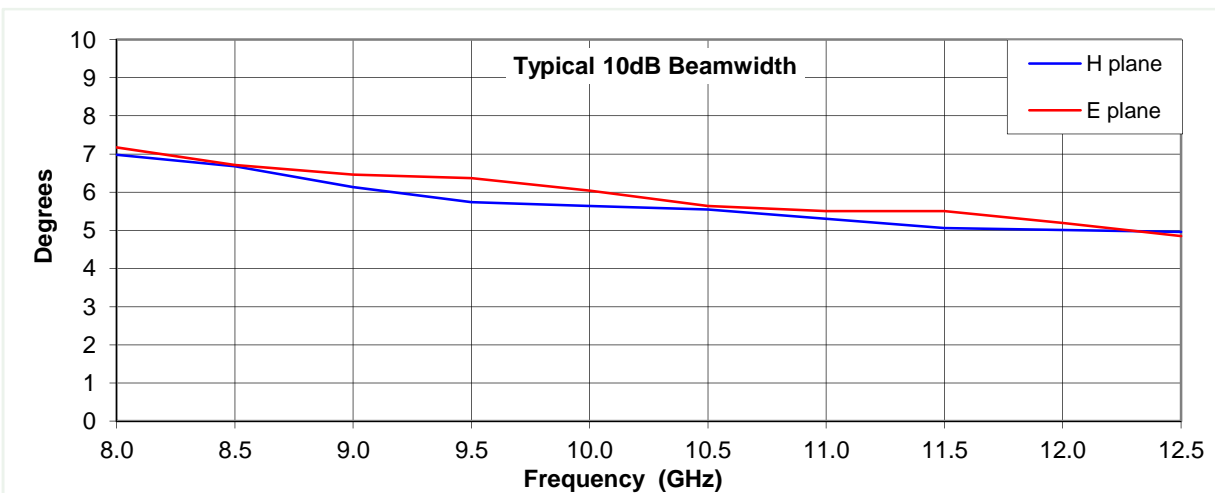
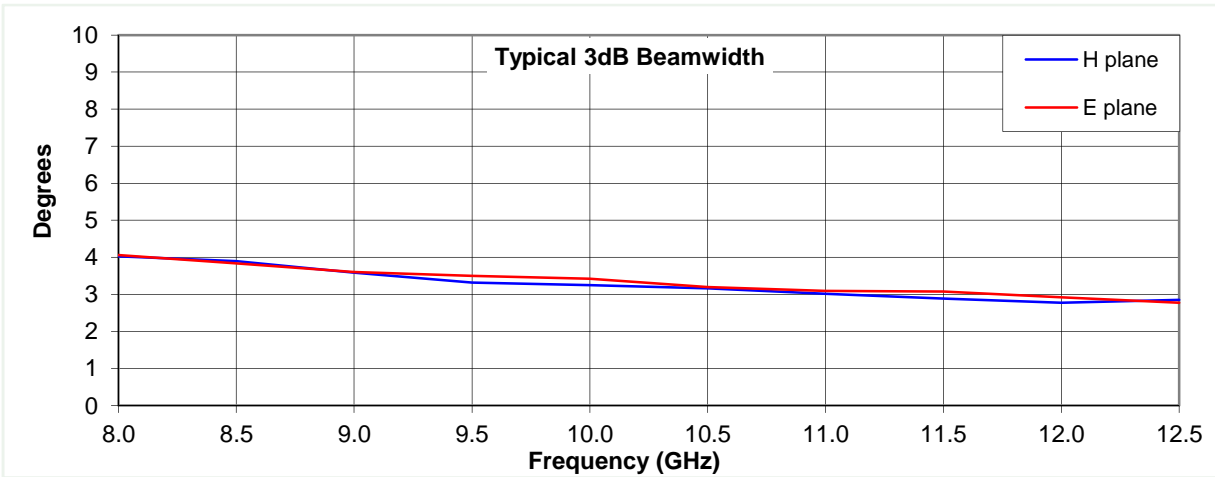
Typical Specification

Frequency	8 to 12.5 GHz
Connector Type	SMA type jack
Power Handling	40 Watt c.w.
VSWR	<1.8:1
Gain	31.2 to 35 dBi
Antenna Factor	17 to 17.2 dB/m
3dB Beamwidth	3 to 4 degrees
10dB Beamwidth	5 to 7 degrees
Weight	4.8 kg nominal
Maximum Size	Diameter 640 mm
Reflector F/D	0.38
Mounting	8 holes, tapped M6, 125 mm pitch circle diameter
Construction	Aluminium reflector, powdercoat finish. Composite brass / copper / plastic feed, painted.

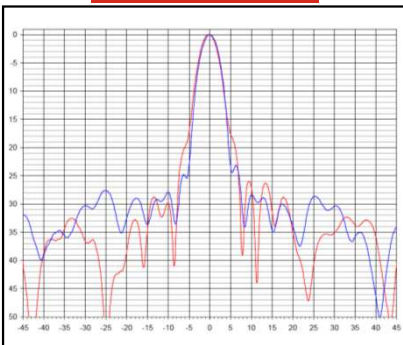
Typical Antenna Gain / Factor

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.

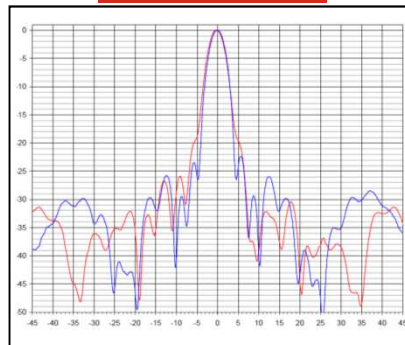




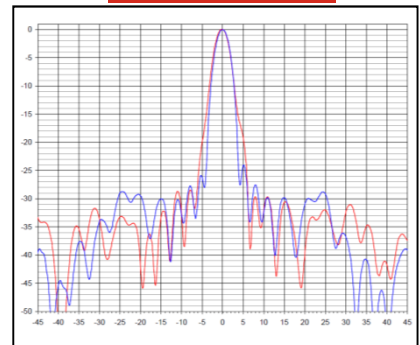
8 GHz



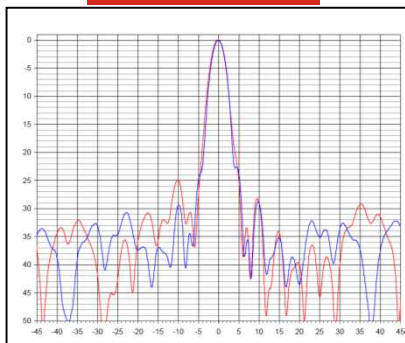
9 GHz



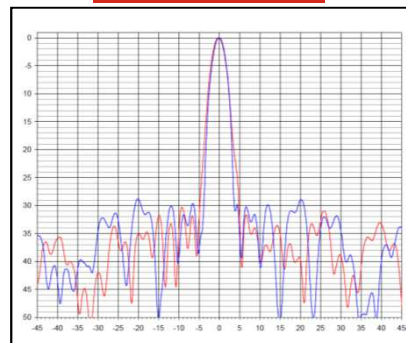
10 GHz



11 GHz



12 GHz



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