

1.2 m Aluminium Reflector & 1 - 2 GHz Dual Polar Feed fitted with SMA Connectors and Radome

Catalogue number **QSR-1200-A-457 & QSF-DL-1-2-S-R**

Steatite reference **QMS-01030**

Contents **Summary**
Expected Gain / Antenna Factor
Expected Beamwidth



QQD06-2 V7.3

PDM 19/09/2019 6729

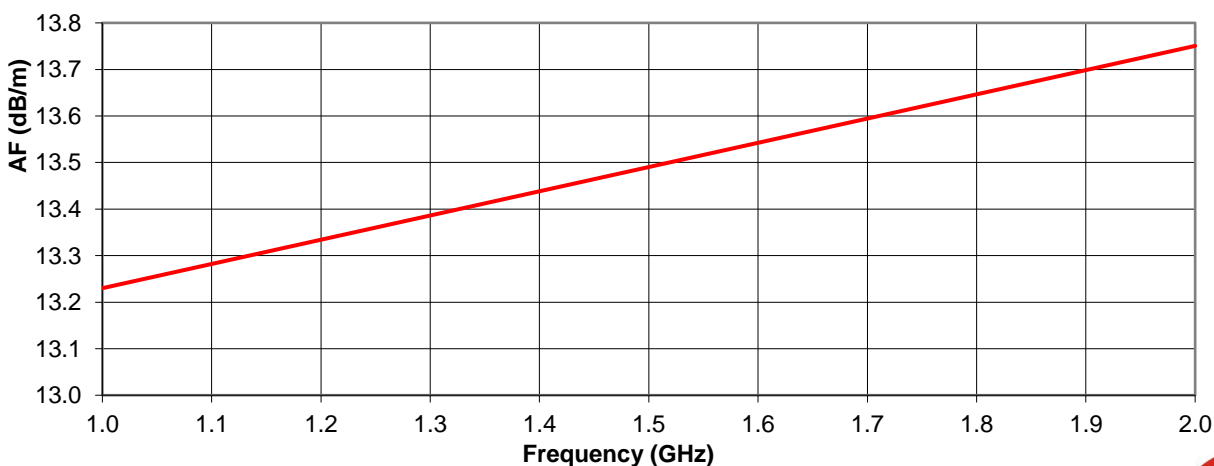
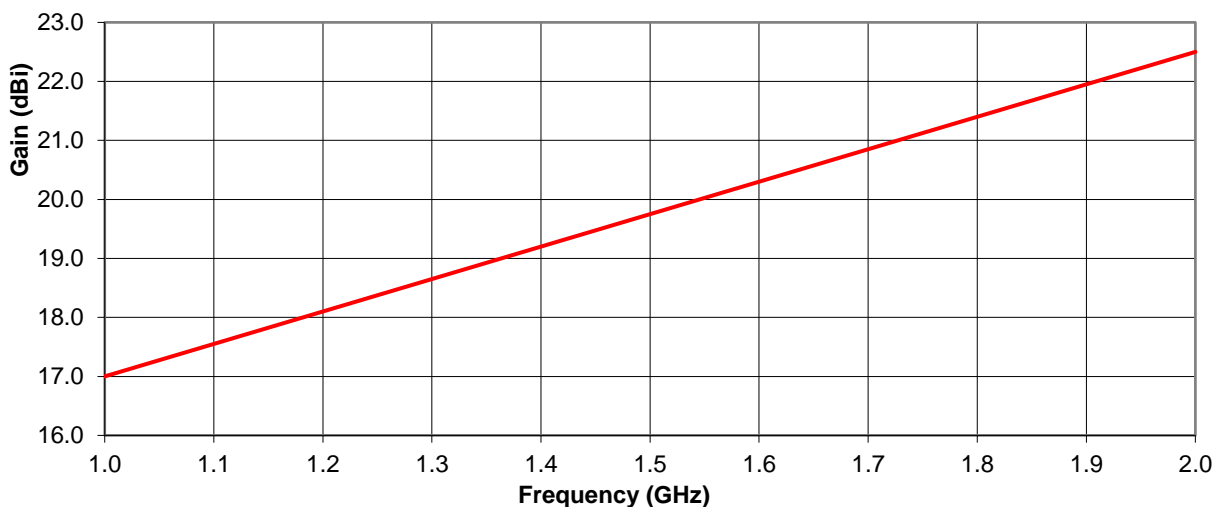


Expected Specification

Frequency	1 to 2 GHz
Connector Type	2 x SMA Female
Power Handling	50 Watt c.w.
VSWR	Typically < 3:1
Gain	17 to 22.5 dBi
Antenna Factor	13.2 to 13.8 dB/m
3dB Beamwidth	8 to 16 degrees
10dB Beamwidth	17 to 29 degrees
Weight	12 kg nominal
Maximum Size	Refflector Diameter 1230mm
Mounting	8 holes, tapped M6, 125 mm pitch circle diameter
Construction	Spun aluminium reflector, powdercoat finish. Composite aluminium / 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.



Expected Beamwidth

