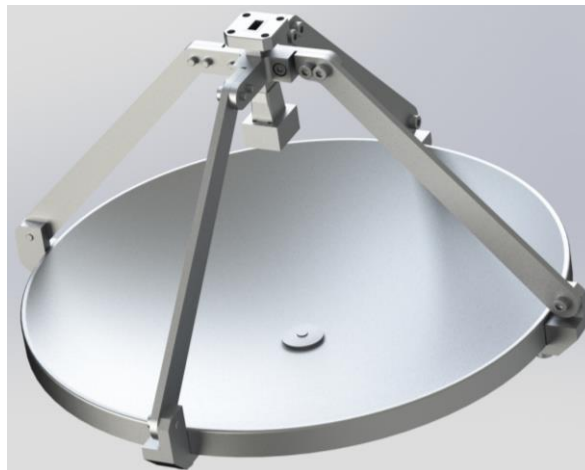


0.2 m Aluminium Reflector & 26 - 40 GHz Wideband Reflector Feed fitted with a Waveguide Flange and Radome.

Catalogue number **QSR-200-A-90 & QWF-SL-26-40-F-R**

Steatite reference **QMS-01035**

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

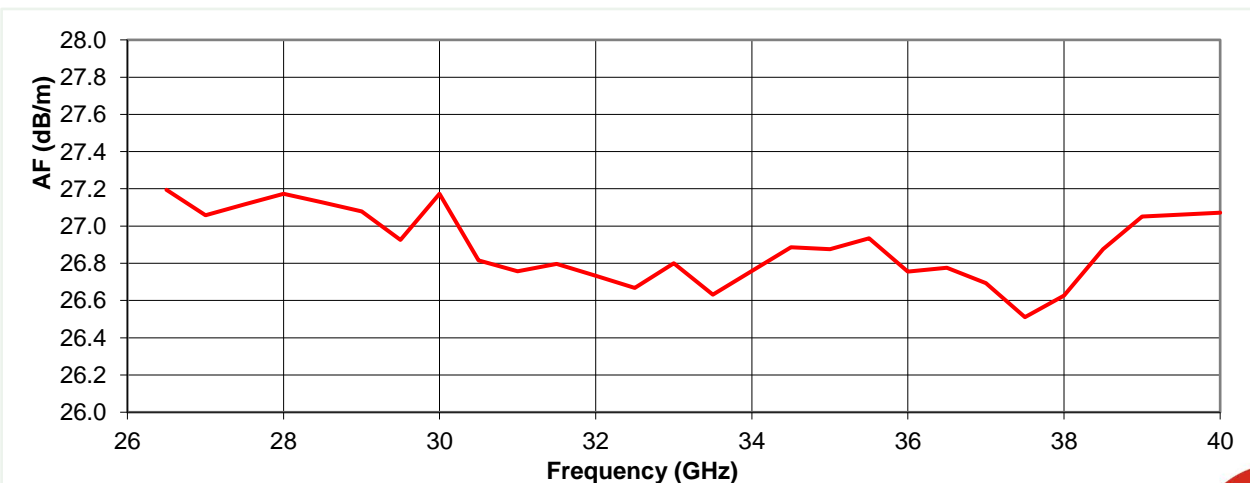
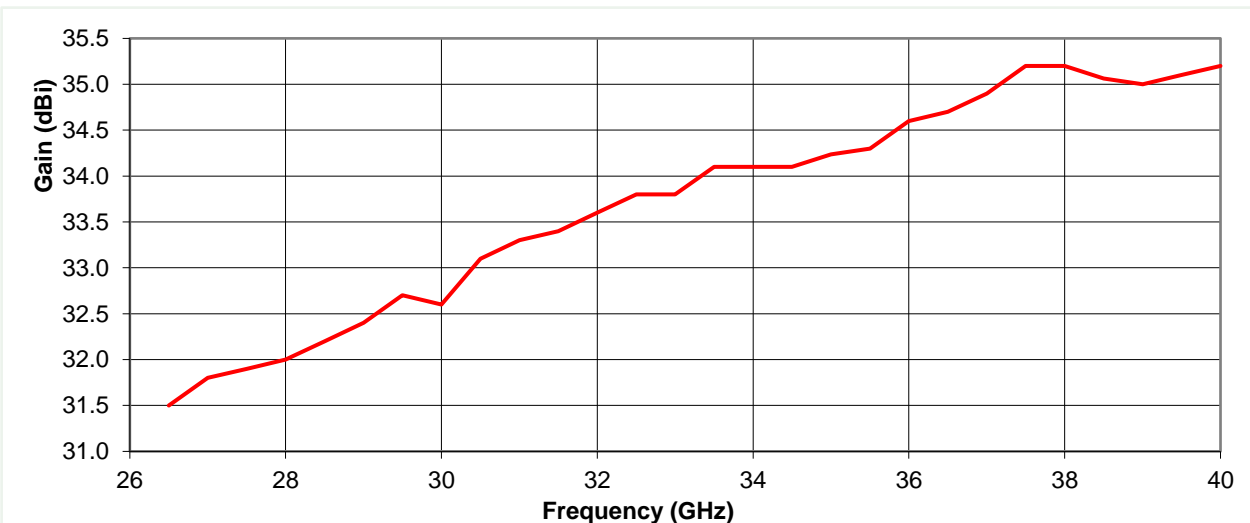


Typical Specification

Frequency	1 to 8 GHz
Connector Type	WR-28 Waveguide Flange
Power Handling	100W CW Typical
VSWR	Typically < 1.8:1
Gain	31.5 to 35.2 dBi
Antenna Factor	26.5 to 27.2 dB/m
3dB Beamwidth	2.5 to 3.7 degrees
10dB Beamwidth	3.6 to 5.3 degrees
Weight	0.8 kg nominal
Maximum Size	Reflector diameter 200 mm max
Mounting	8 M4 holes equi-spaced on a 90mm PCD
Construction	Spun aluminium reflector, powdercoat finish.

Expected 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

