1.2 m Transportable Aluminium Reflector & 6.5 - 18GHz Dual Linearly Polarised Wideband Reflector Feed fitted with SMA type Connectors and a Radome

Catalogue number **QSR-1200-T4A-457 & QWF-DL-6.5-18-S-R**

Steatite reference **QMS-00900**

Contents

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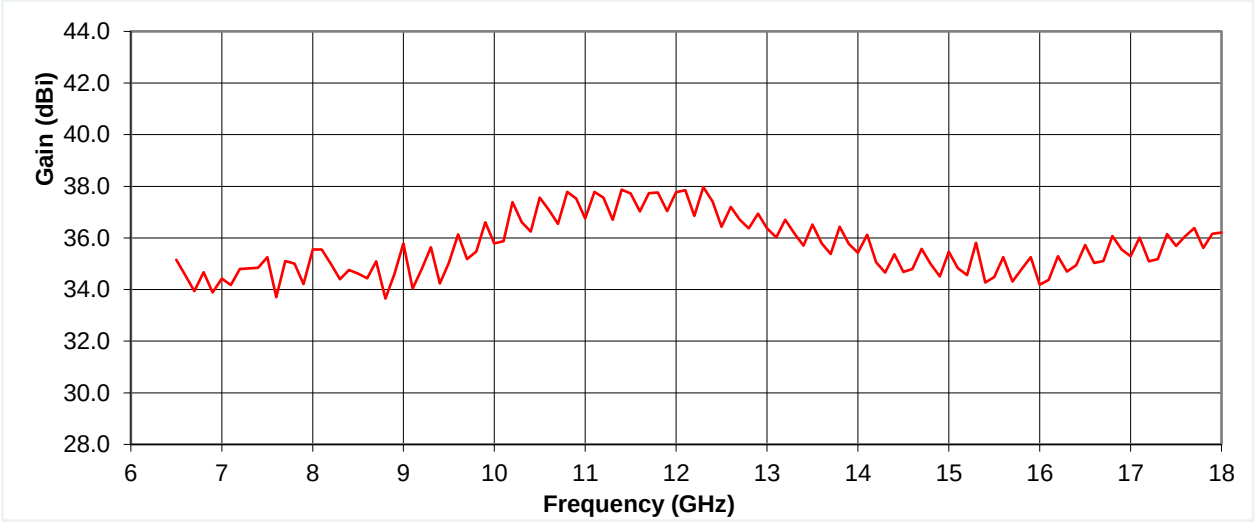
Email: **sales.antennas@steatite.co.uk**

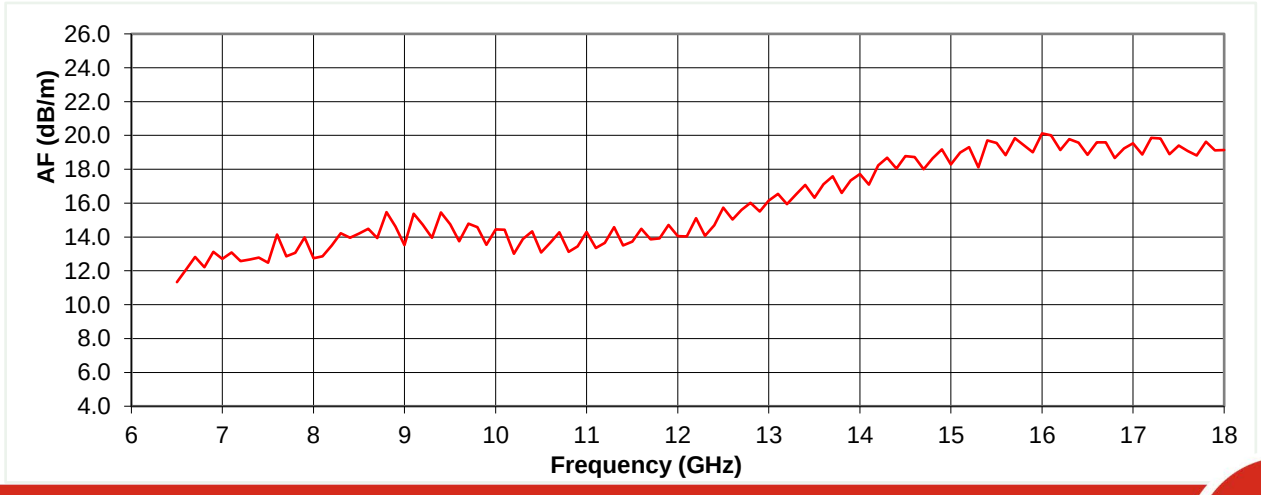
Typical Specification

Frequency	6.5 to 18 GHz
Connector Type	2x SMA (f)
Power Handling	40W CW (typical)
VSWR	Typically < 3 :1
Gain	33.7 to 38 dBi
Antenna Factor	11.3 to 20.1 dB/m
3dB Beamwidth	1.3 to 3.9 degrees
10dB Beamwidth	3 to 6.1 degrees
Weight	17.5kg nominal
Maximum Size	Ø1232 x 633mm deep
Mounting	4x Ø8.1mm thru holes on Ø170mm PCD (See ICD for mor details)
Construction	Aluminium Reflector and Feed with Dielectric Radome

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.





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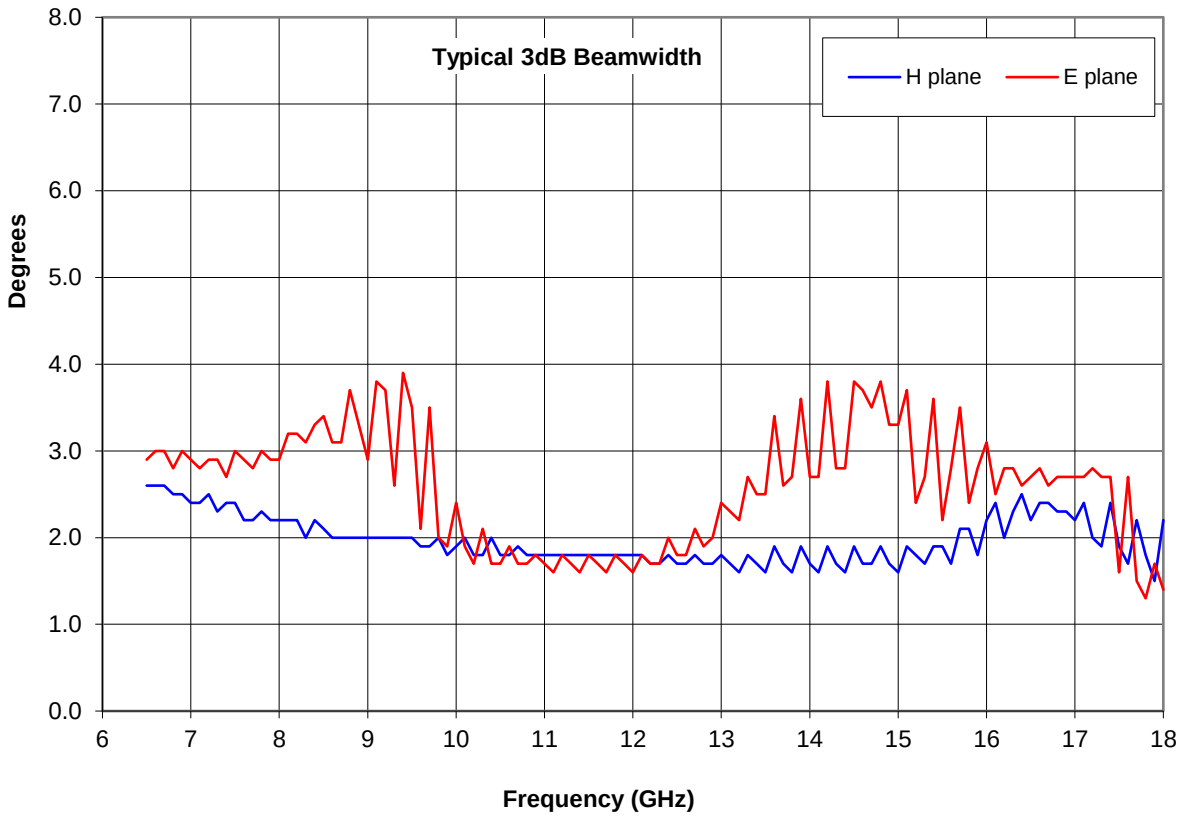
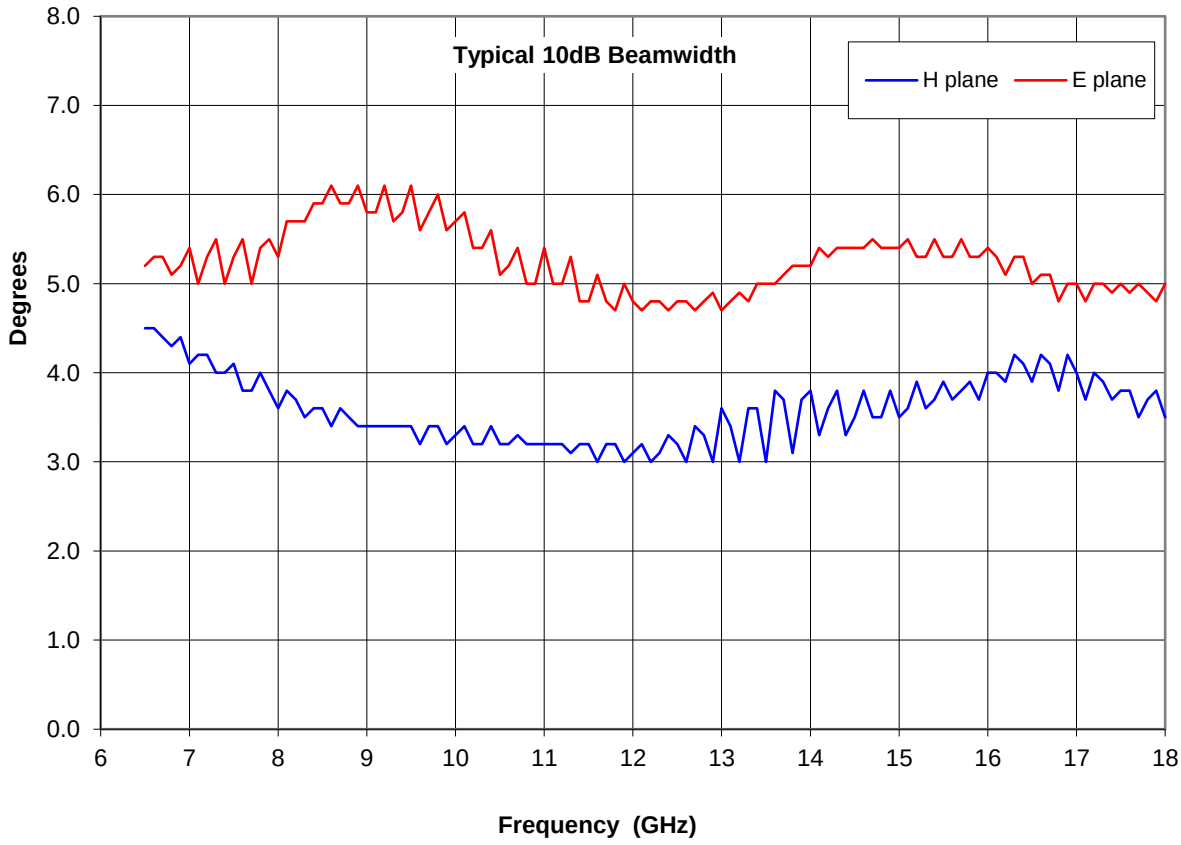
Typical Beamwidth / Radiation Patterns (Port 1 patterns shown)





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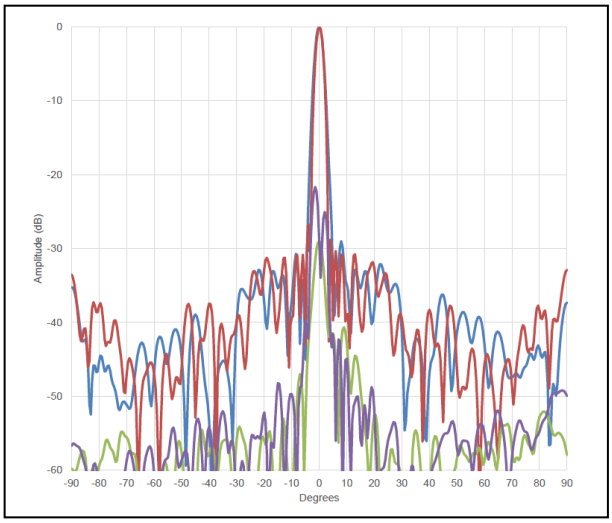
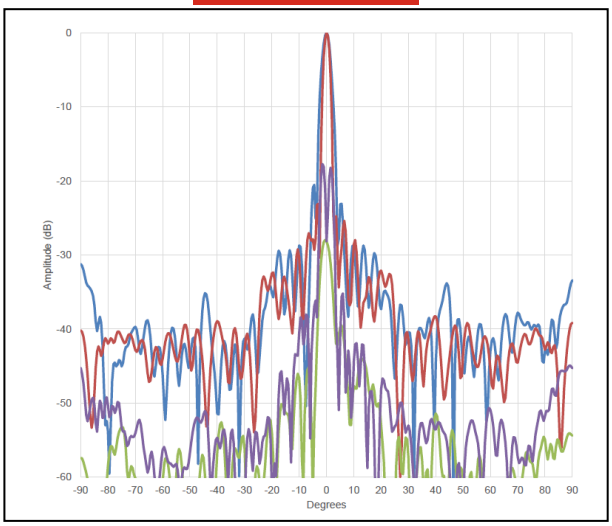
Typical Radiation Patterns

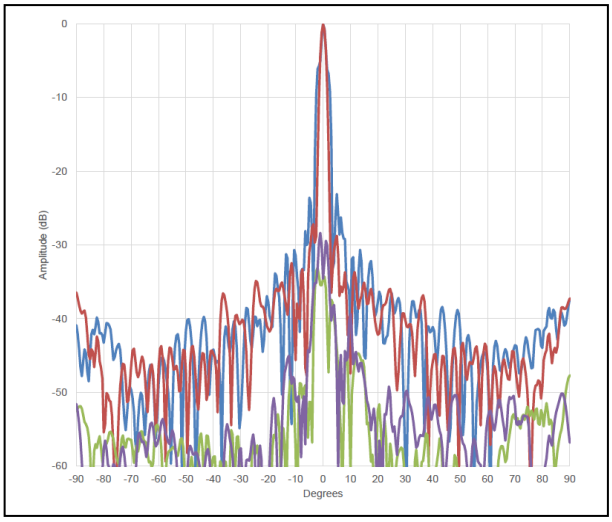
6.5 GHz



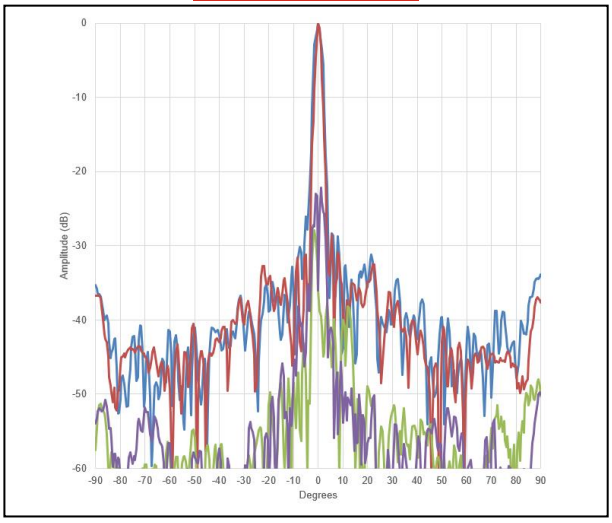
8.0 GHz



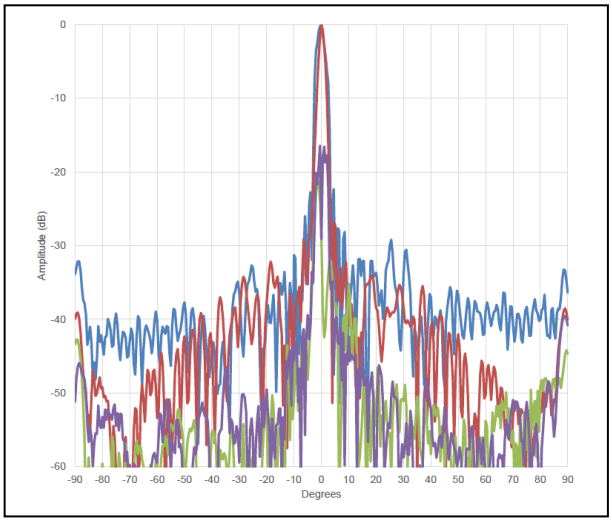
10.5 GHz



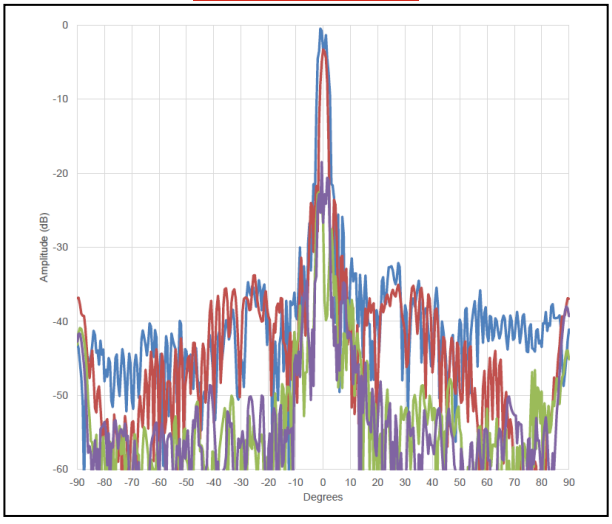
13.0 GHz



15.5 GHz



18.0 GHz



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