

0.45 m Aluminium Reflector & 2 - 6 GHz Right Hand Circularly Polarised Feed fitted with a SMA Connector and a Radome

Catalogue number **QSR-450-A-228 & QSF-RC-2-6-S-R**

Steatite reference **QMS-01049**

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QQD06-2 V7.3

PDM 25/10/2019 0772

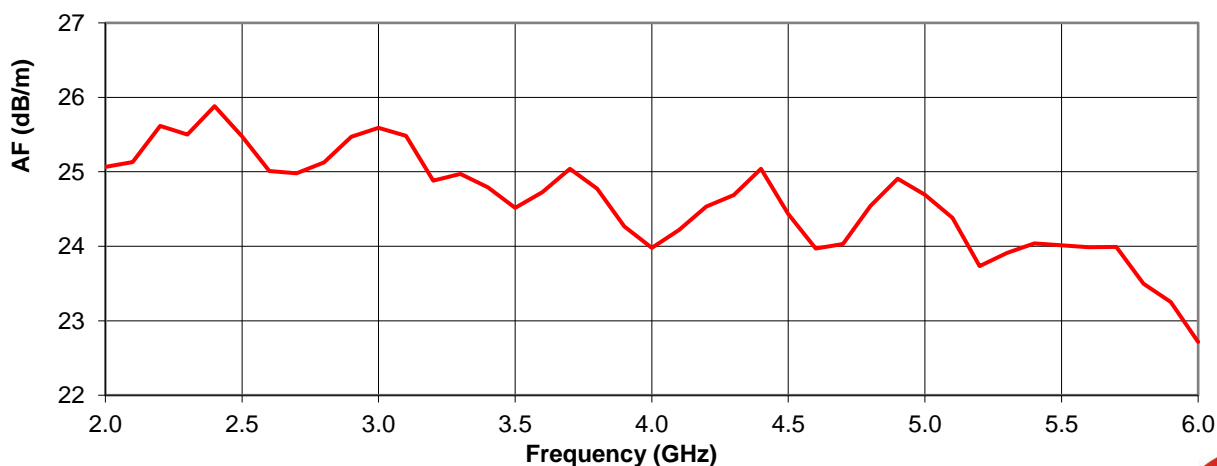
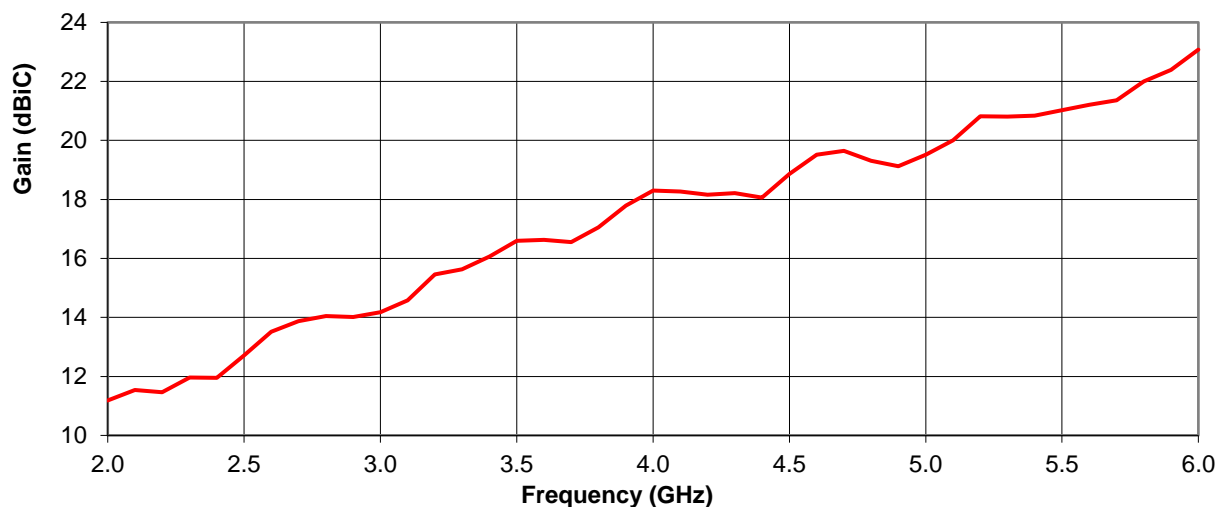


Typical Specification

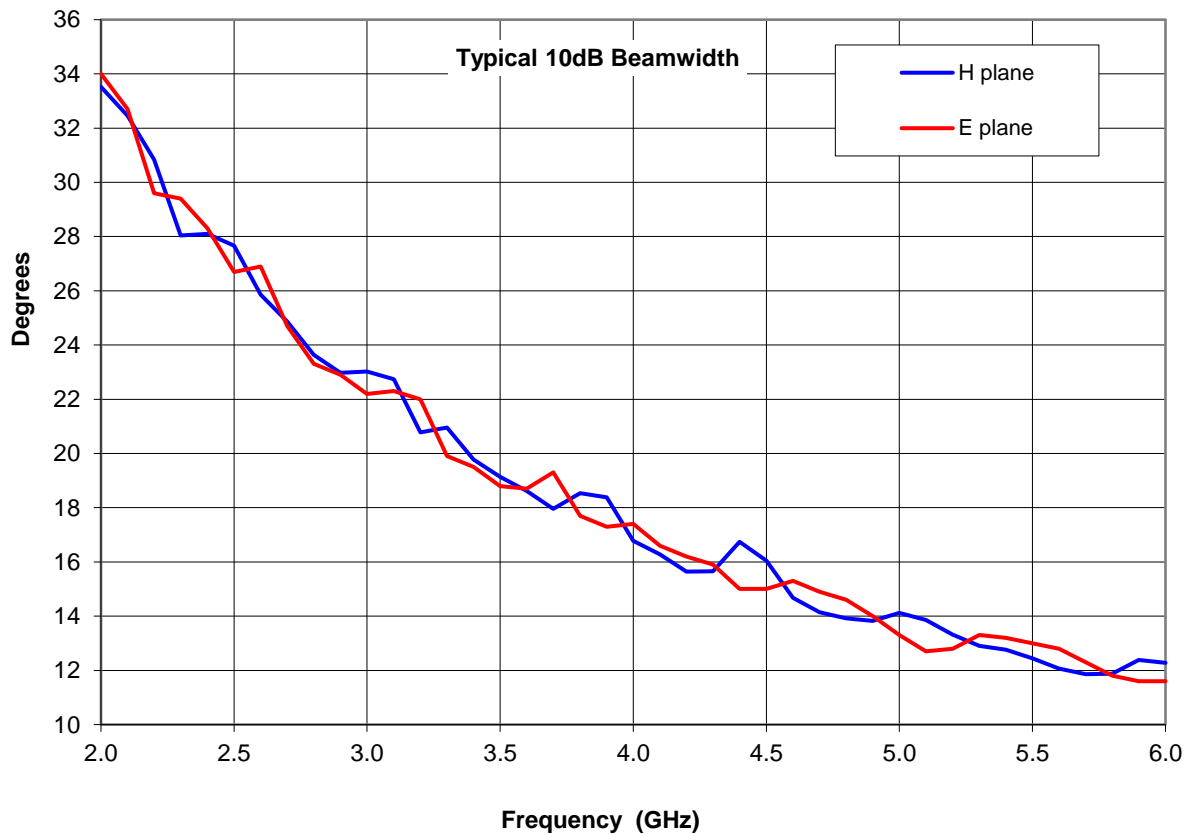
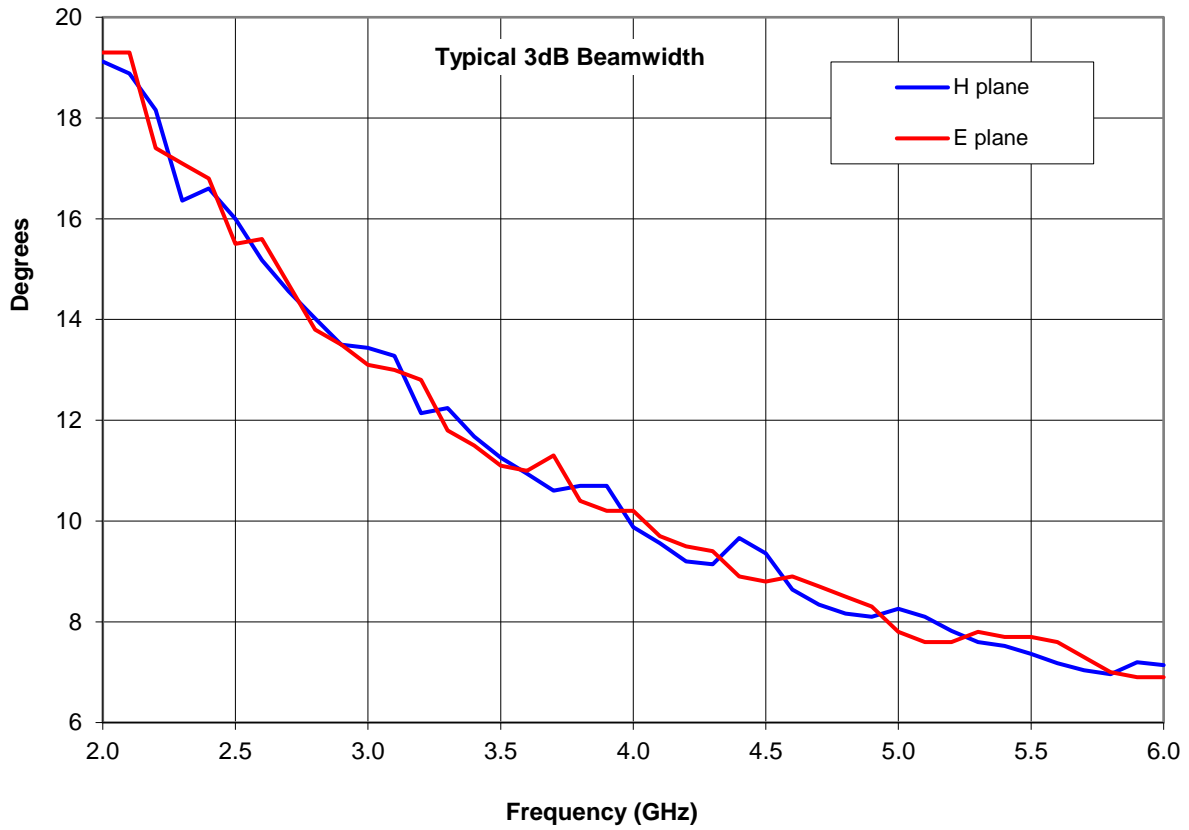
Frequency	2 to 6 GHz
Connector Type	SMA Female
Power Handling	10W CW
VSWR	< 3.0:1 Typically
Gain	11.2 to 23.1 dBi
Antenna Factor	22.7 to 25.9 dB/m
3dB Beamwidth	7 to 19 degrees
10dB Beamwidth	12 to 34 degrees
Weight	3.6 kg nominal
Maximum Size	Ø480mm Reflector
Mounting	8 x M6x1.0 Helicoils on a 125mm PCD
Construction	Aluminium Reflector Powder Coated. Aluminium Cavity Backed Spiral 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.

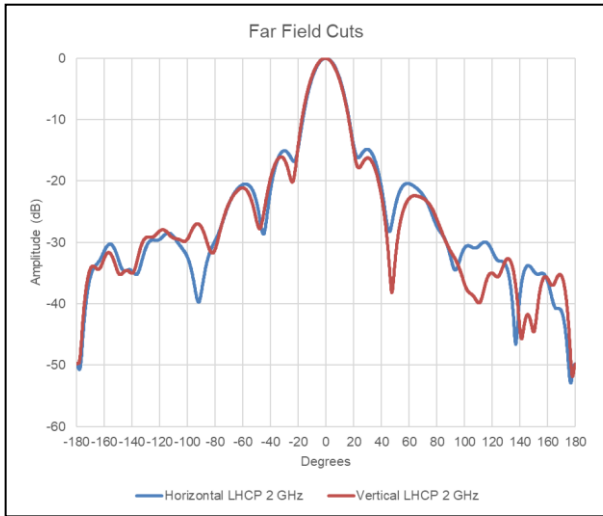


Typical Beamwidth

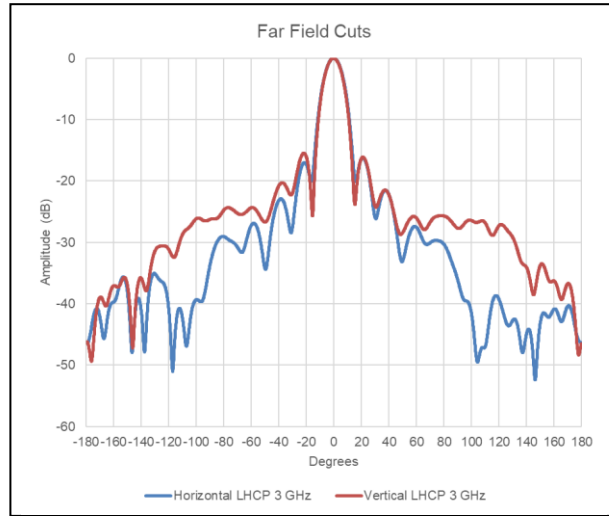


Typical Radiation Patterns

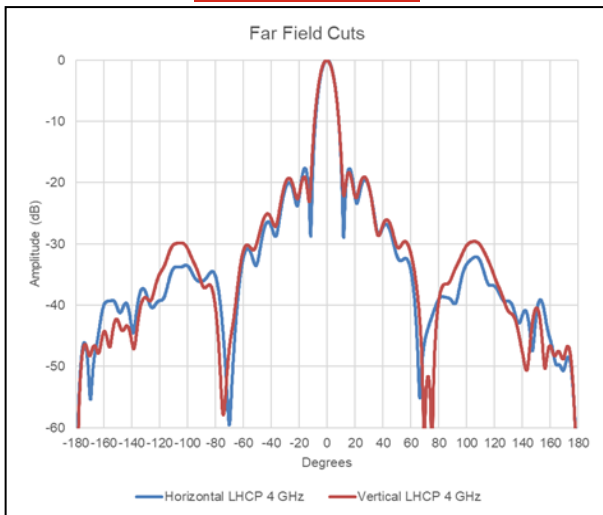
2 GHz



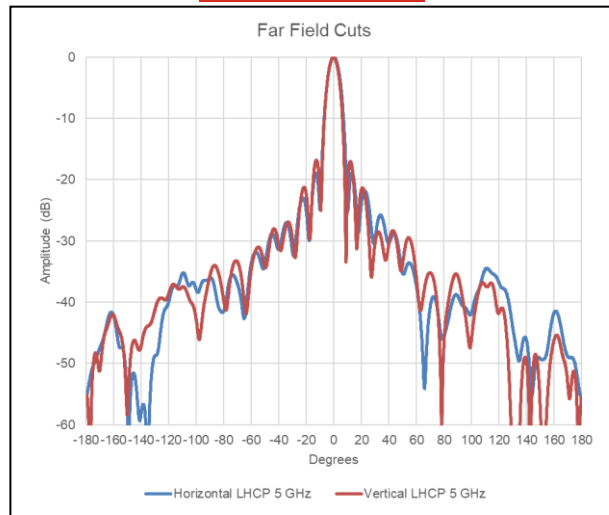
3 GHz



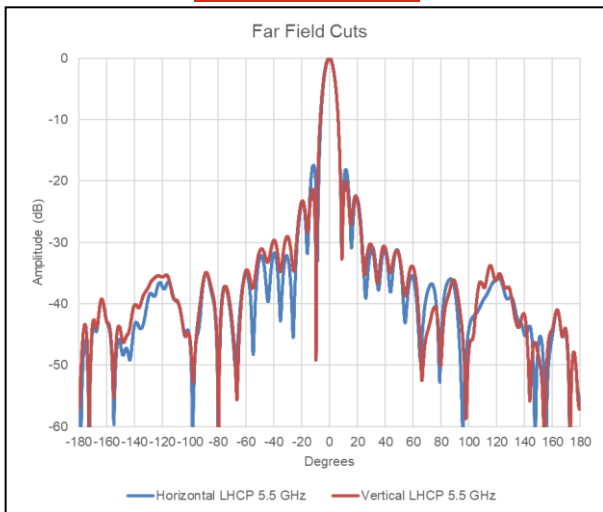
4 GHz



5 GHz



5.5 GHz



6 GHz

