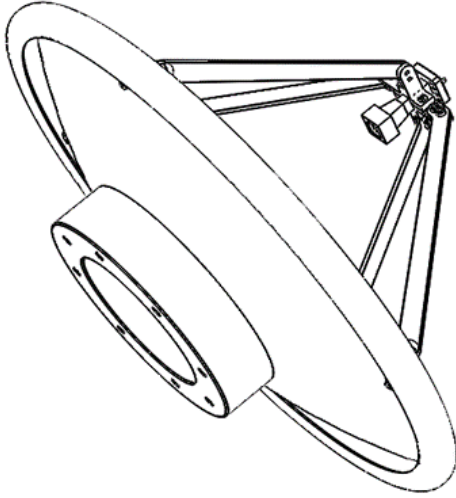


QMS-00435

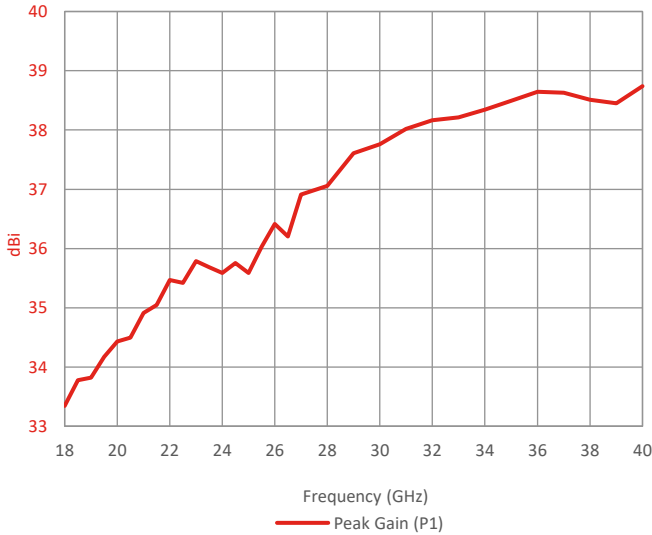
Typical Specification



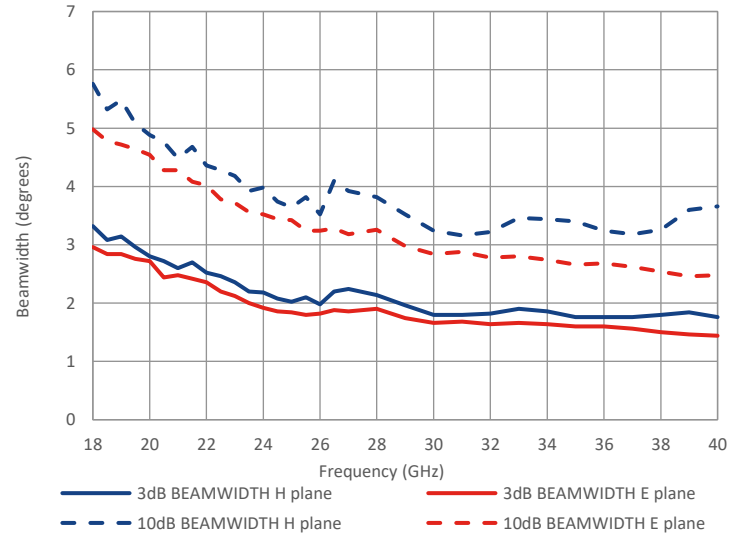
Frequency	18 to 40 GHz
Connector	WRD180 Waveguide flange
VSWR	Typically < 1.6:1 (<1.85:1 Max)
Gain	33.3 to 38.7 dBi
Antenna Factor	21.6 to 23.6 dB/m
3 dB Beamwidth	1.4 to 3.3 degrees
10 dB Beamwidth	2.5 to 5.8 degrees
Power	2.5 kWatt c.w., 400 W mean
Size & Weight	Ø 374mm x 235mm (D x H), 2.2 kg
Mounting	8 holes, tapped M6, 125 mm PCD
Environmental	Please contact Steatite for advice.

Please contact Steatite Antennas for a full interface control drawing.

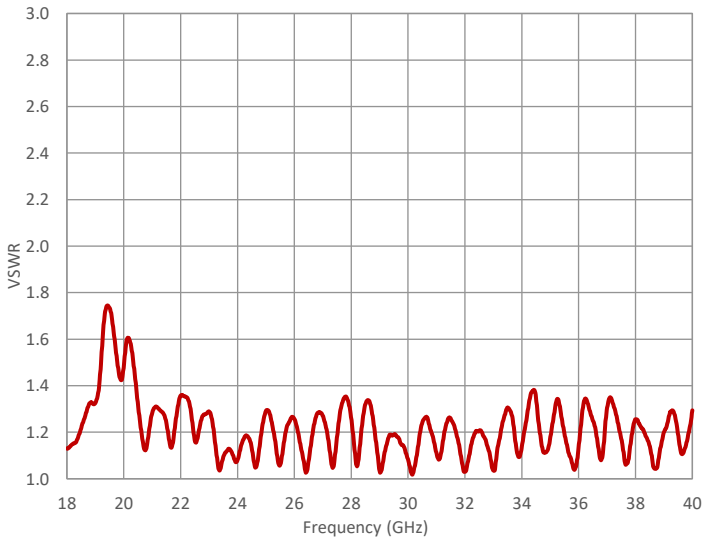
Typical Gain



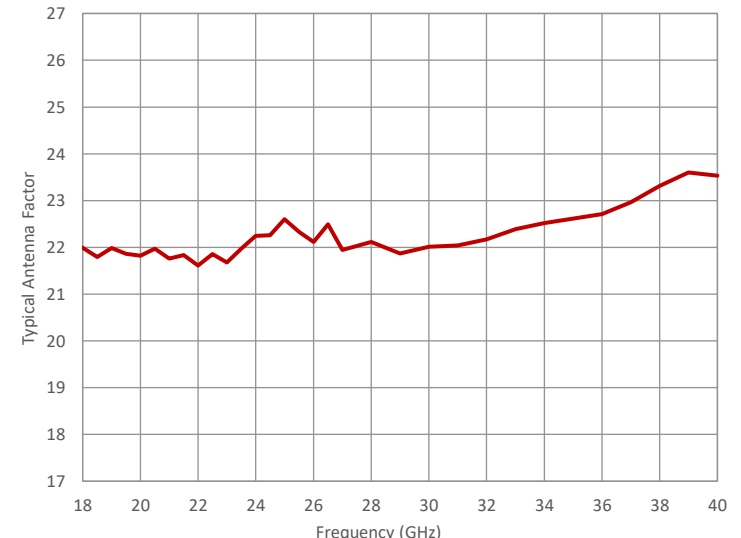
Typical Beamwidth



Typical VSWR



Typical Antenna Factor



Steatite Antennas reserve the right to change and/or update this specification whereby it is deemed that this would improve either the production and/or performance specification of this part. Information herein should not be disclosed to a third party without the prior written consent of Steatite Antennas.

BP 20/06/2024 3173

