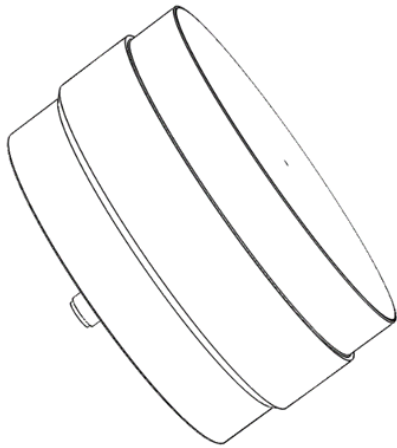


**QMS-01138**

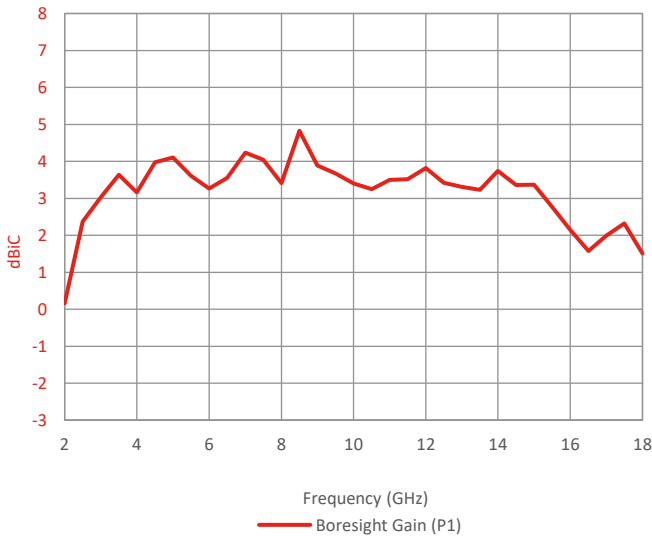
**Typical Specification**



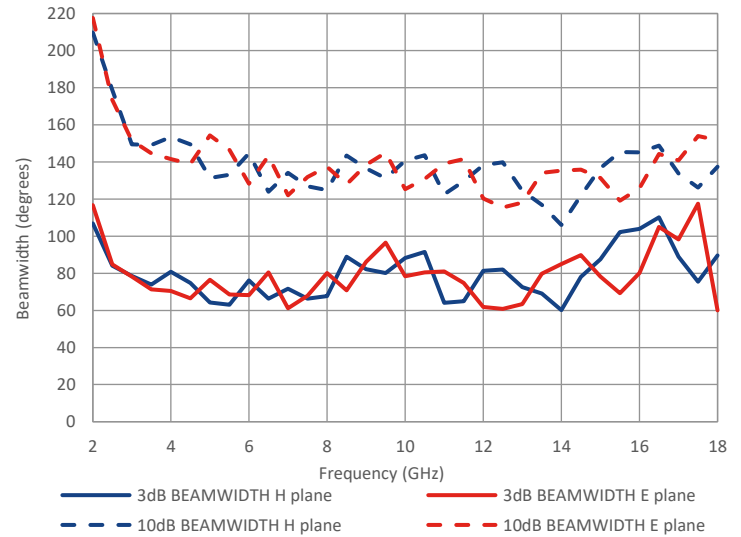
<b>Frequency</b>	2 to 18 GHz
<b>Connector</b>	SMA Female
<b>VSWR</b>	Typically < 2.0:1, <2.5:1 Maximum
<b>Gain</b>	0.2 to 4.8 dBi
<b>Axial Ratio</b>	0.2 to 4.2 dB
<b>3 dB Beamwidth</b>	60 to 117.5 degrees
<b>10 dB Beamwidth</b>	106 to 217.6 degrees
<b>Power</b>	1 watt c.w.
<b>Size &amp; Weight</b>	Ø 71mm x 50mm (D x H), 170g nominal
<b>Mounting</b>	4 x M4 tapped holes (Refer to ICD)
<b>Environmental</b>	MIL-STD-810H, Storage Temp: -80°C to +70°C, Humidity: 95% RH, Shock: 12g, 11ms, Half Sine. Vib: 10-2000Hz, RMS 9.455. DO160F, Shock: 6g, 11ms TPS. Vib: Fig 8-1, profile C (Fixed wing) & Fig 8-7, profile F1 (Unknown helicopter), Altitude: 50,000ft (15,200m)

Please contact Steatite Antennas for a full interface control drawing.

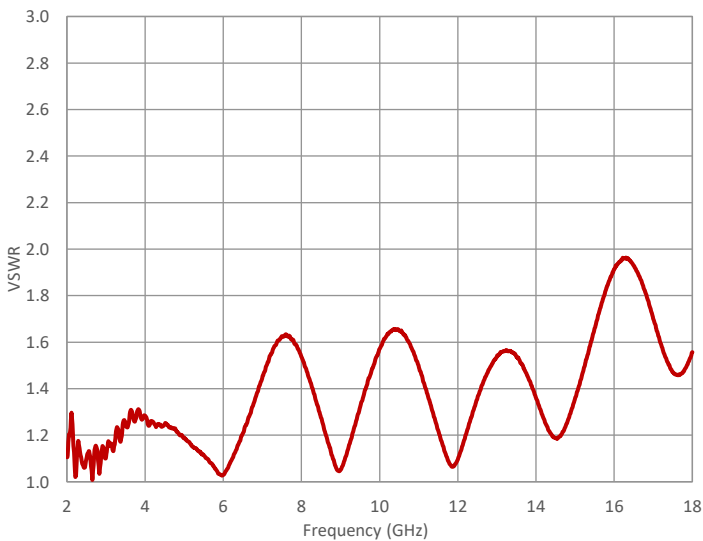
**Typical Gain**



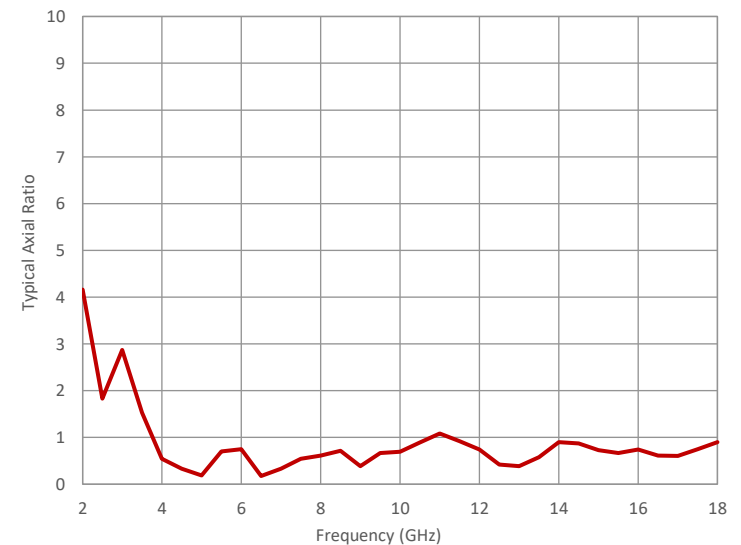
**Typical Beamwidth**



**Typical VSWR**



**Typical Axial Ratio**



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 12/06/2024 6969

