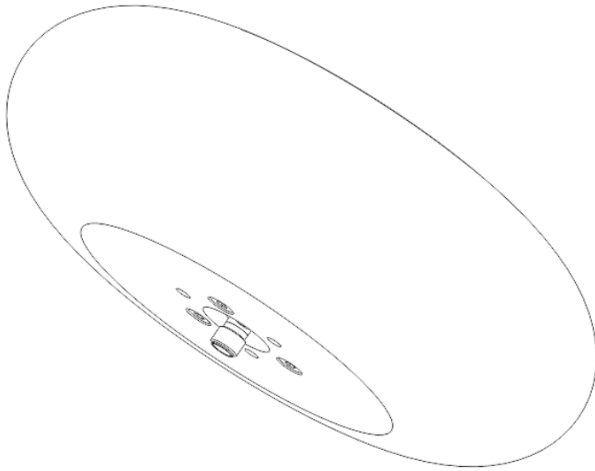


QMS-01195

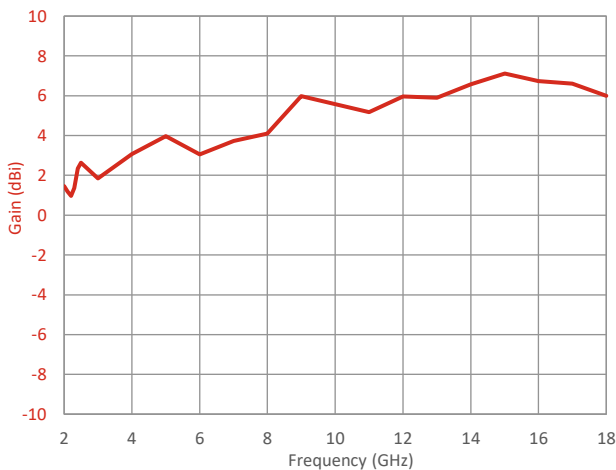


Please contact Steatite Antennas for a full interface control drawing.

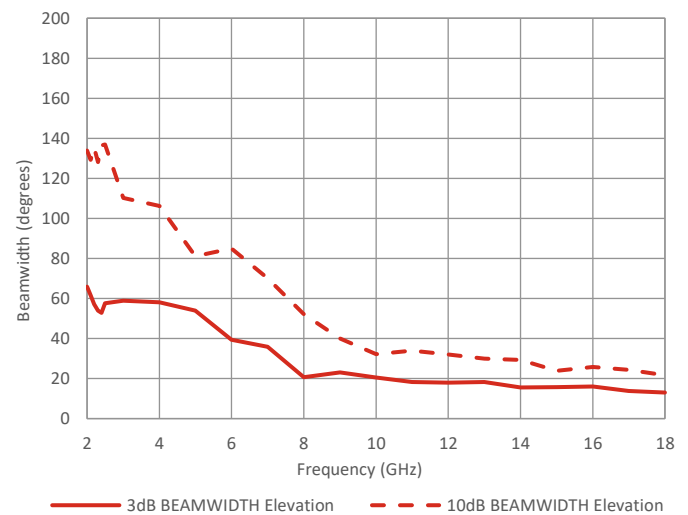
Typical Specification

Frequency	2 to 18 GHz
Connector	SMA Female
VSWR	Typically <3.0:1 (2-4 GHz), <2:1 (>4 GHz)
Gain	1 to 7.1 dBi (Slant Horizon)
Omnidirectionality	0.6 to 3 dB (≥ 2.1 GHz)
3 dB Beamwidth	13 to 65.9 degrees (Slant Horizon)
10 dB Beamwidth	22 to 137 degrees (Slant Horizon)
Power	Typically 70W CW (+20°C, Sea Level)
Size & Weight	$\varnothing 142$ mm x 54mm, 400g nominal
Mounting	3 x M3-6H Equispaced on a 27mm PCD
Environmental	MIL-STD-810H Storage Temp: -40°C to +70°C, Humidity: 95% RH DEF STAN 00-35 Part 3 M1 random vibration and M3 shock

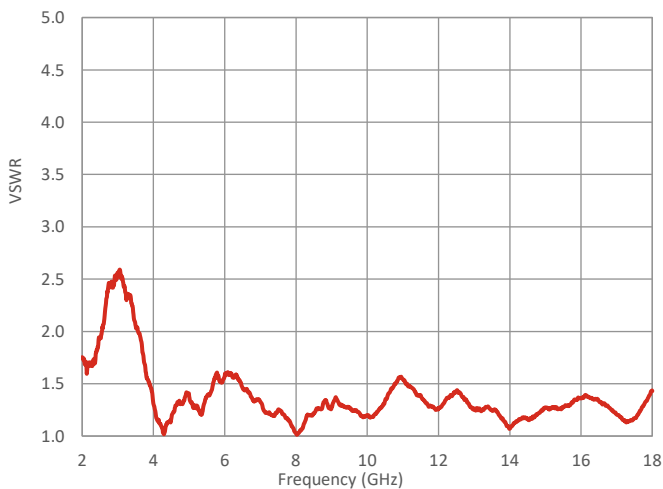
Typical Horizon Gain



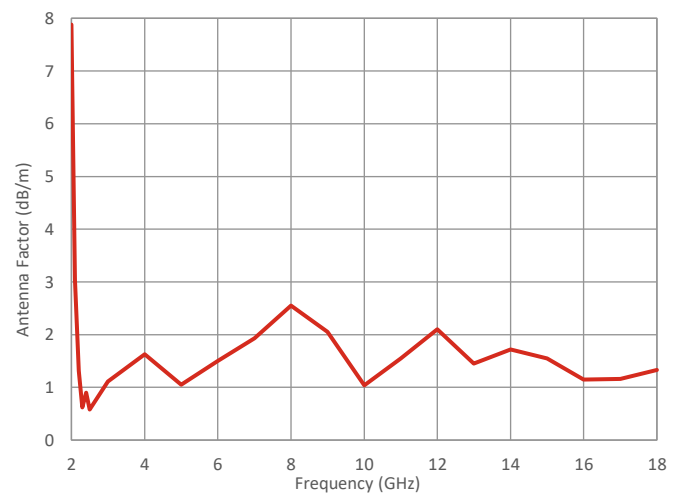
Typical Beamwidth (about Horizon)



Typical VSWR



Typical Omnidirectionality

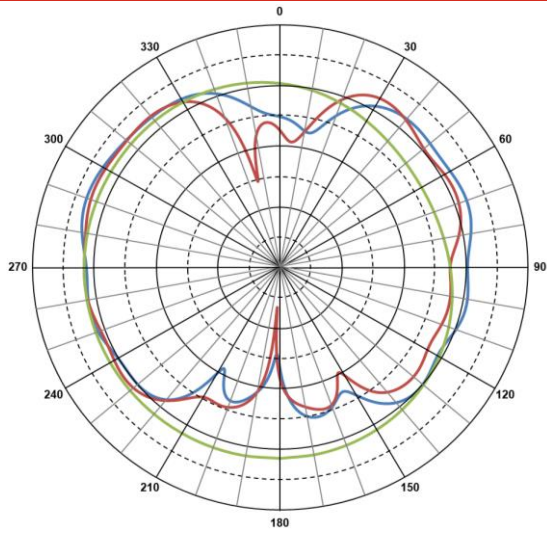


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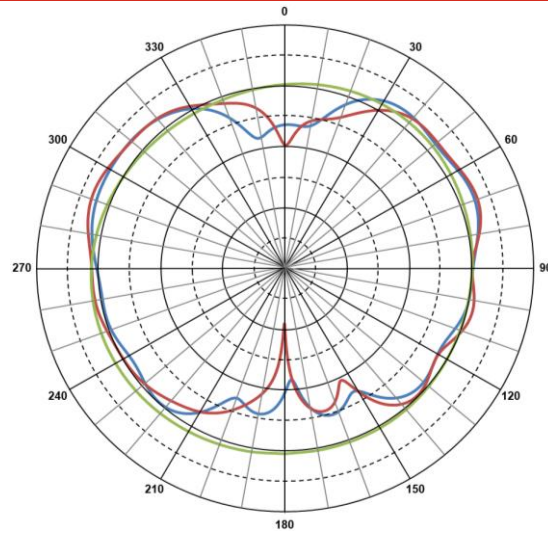


Red = Slant Elevation 0, Blue = Slant Elevation 90 & Green = Slant Azimuth

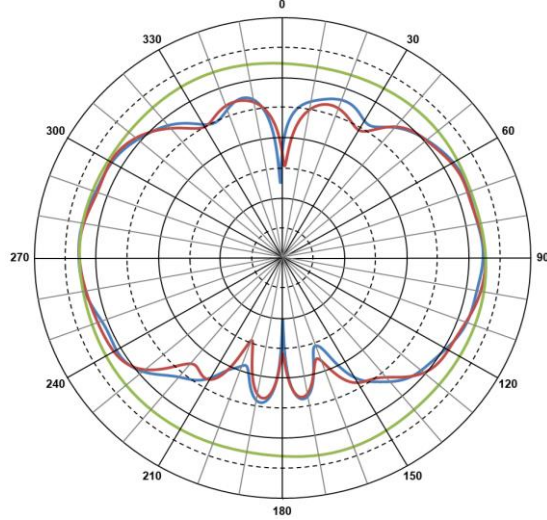
2 GHz



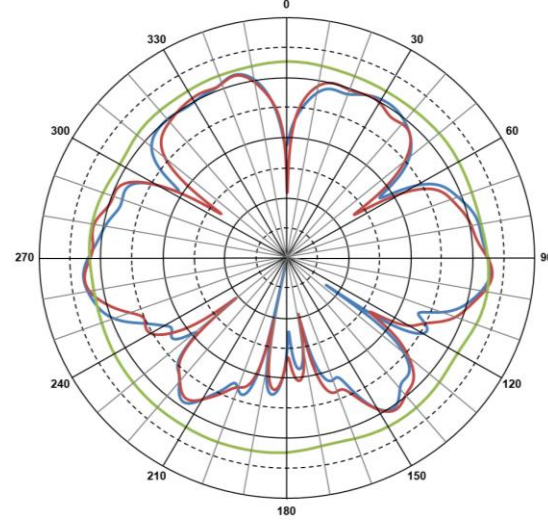
2.1 GHz



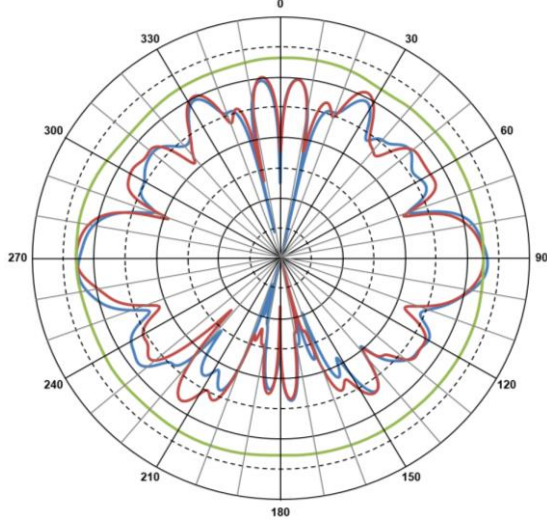
4 GHz



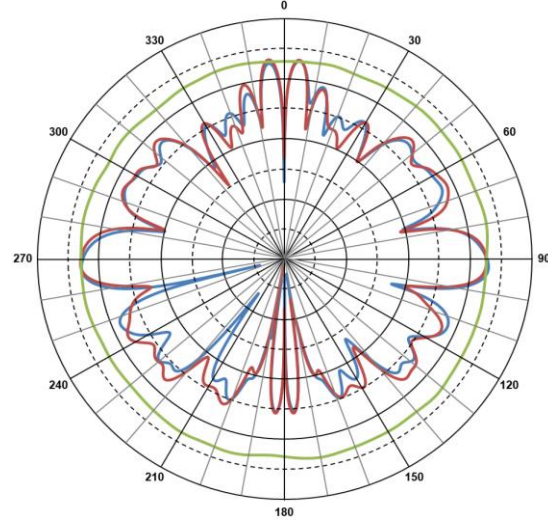
8 GHz



12 GHz



18 GHz



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