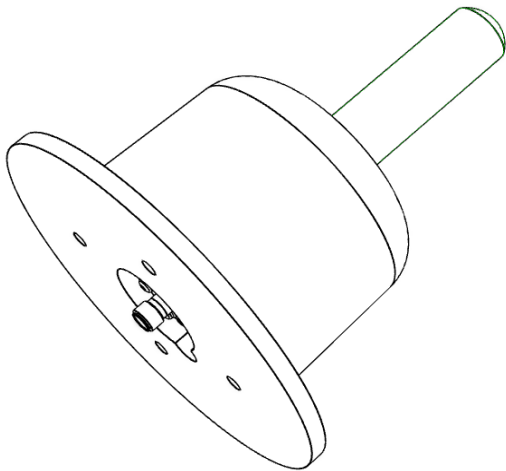


0.9 - 20 GHz Vertically Polarised Omnidirectional Antenna fitted with an SMA type Connector and Radome

QMS-01189

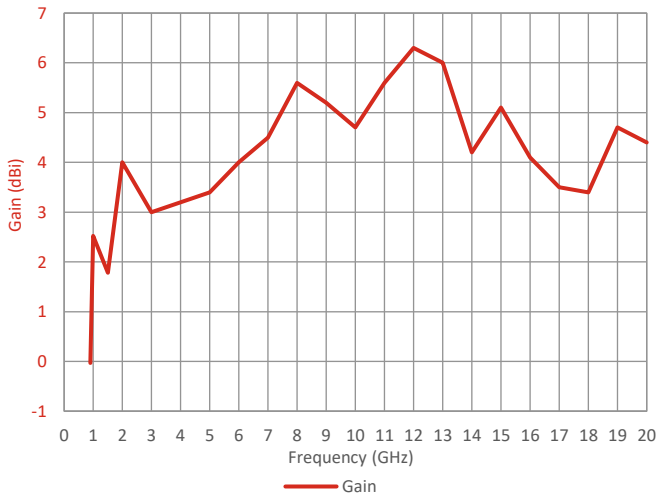


Please contact Steatite Antennas for a full interface control drawing.

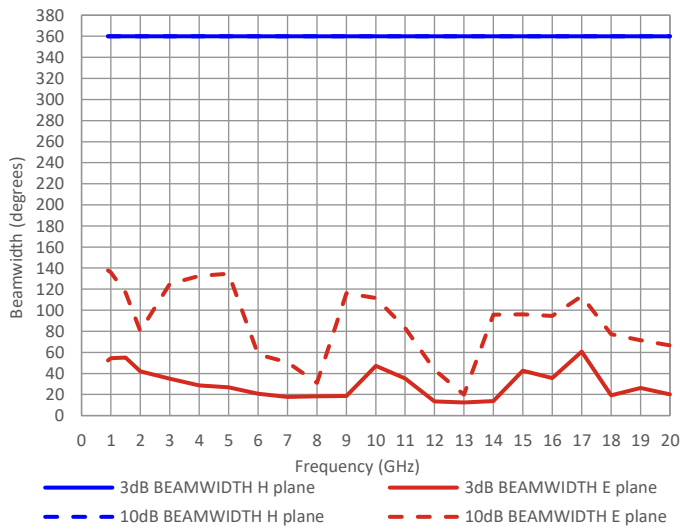
Typical Specification

Frequency	0.9 to 20 GHz
Connector	SMA type jack
VSWR	< 3.2 :1, < 2.0:1 over most of band
Gain	0 to 6.3 dBi
Antenna Factor	27.7 to 51.9 dB/m
3 dB Beamwidth	12.5 to 360 degrees
10 dB Beamwidth	20 to 360 degrees
Power	50 Watt CW
Size & Weight	100 mm diameter base x 115 mm height. 0.27kg
Mounting	4off M5 tapped holes on Ø51mm PCD. See ICD.
Environmental	-40°C to MIL-STD-810H Method 502.7, Proc I. 3off 5G half sine shocks per axis as per MIL-STD-810H, Method 516.8 Proc I. Altitude 60,000ft for 2 hrs DO160F Section 4.6.1.

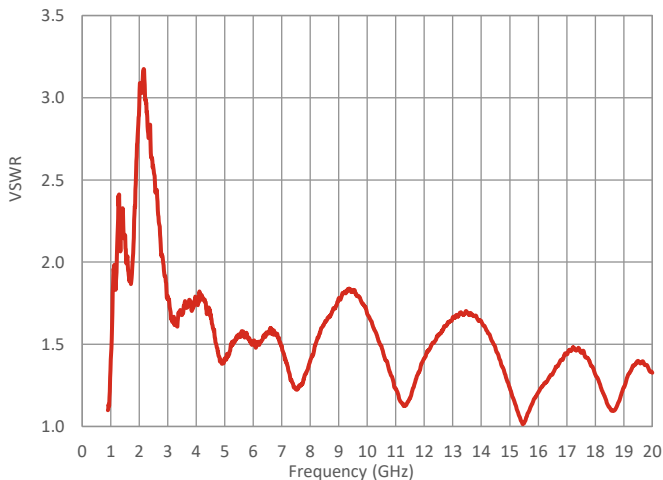
Typical Gain/Antenna Factor



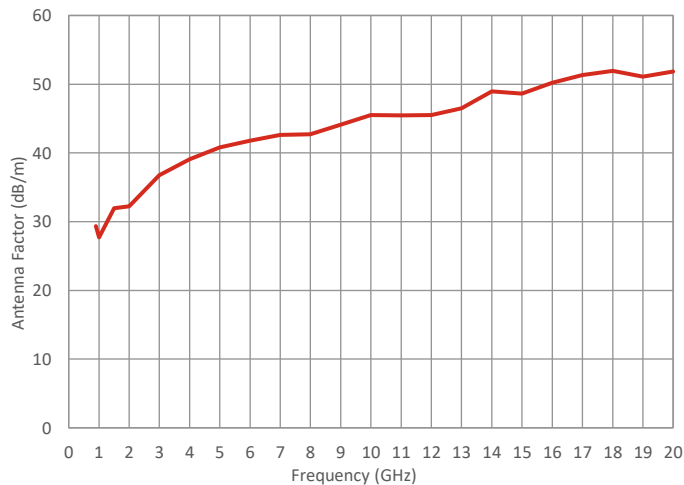
Typical Beamwidth



Typical VSWR



Typical Antenna Factor



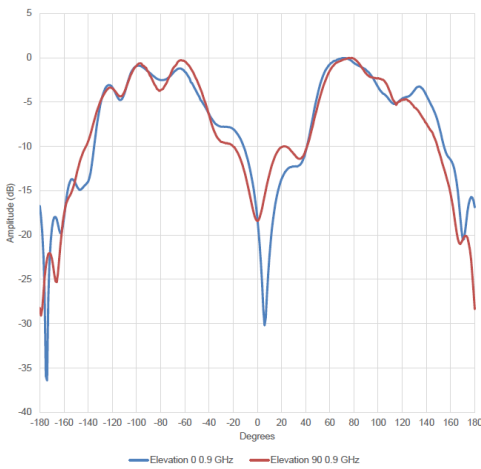
Steatite Antennas reserve the right to change and/or update this specification whereby it is deemed that this would improve either the production and/or performance specification of this part. Information herein should not be disclosed to a third party without the prior written consent of Steatite Antennas.



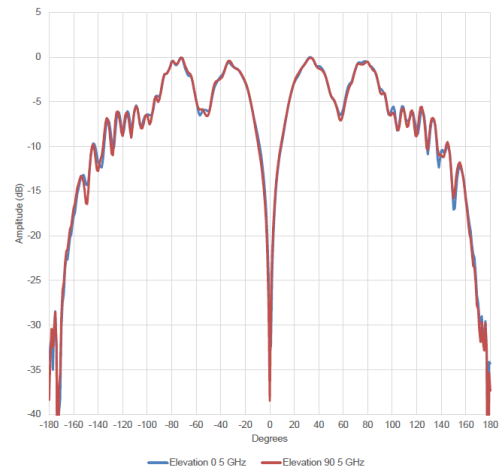


0.9 - 20 GHz Vertically Polarised Omnidirectional Antenna fitted with an SMA type Connector and Radome

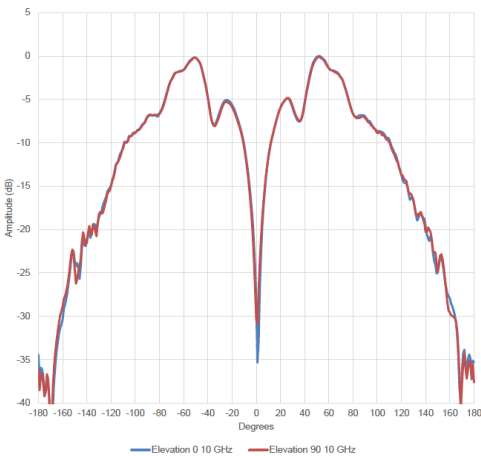
0.9 GHz



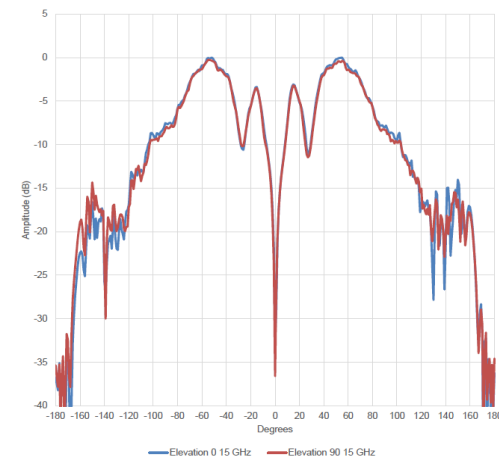
5.0 GHz



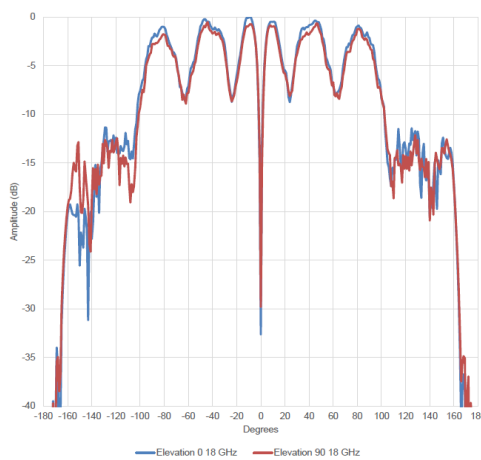
10.0 GHz



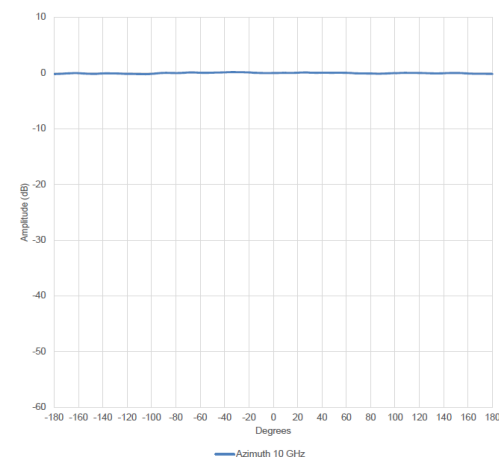
15.0 GHz



18.0 GHz



Azimuth 10GHz



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.

