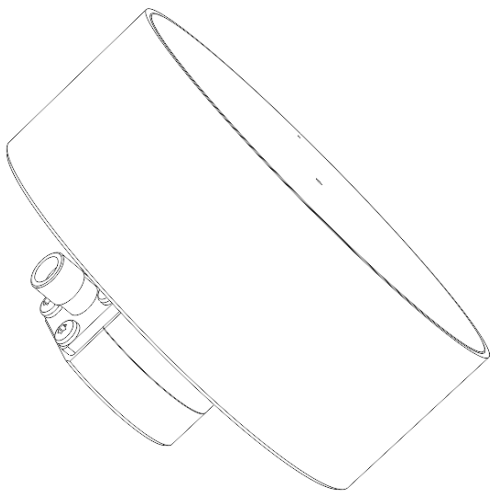


**2 - 18 GHz Left Hand Circularly Polarised Spiral Antenna fitted with an SMA type Connector**

**QMS-00769**

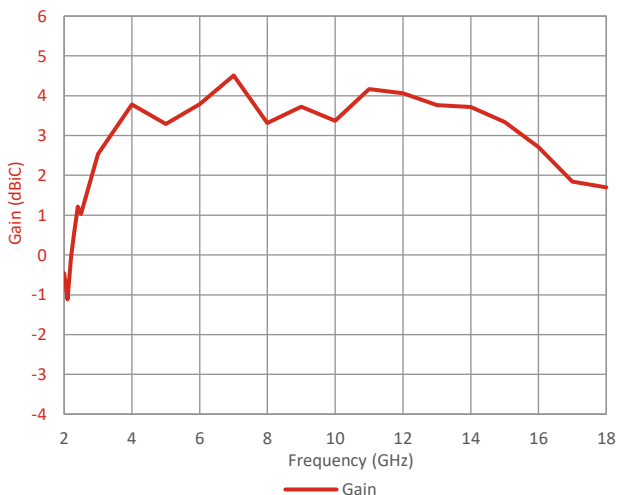


Please contact Steatite Antennas for a full interface control drawing.

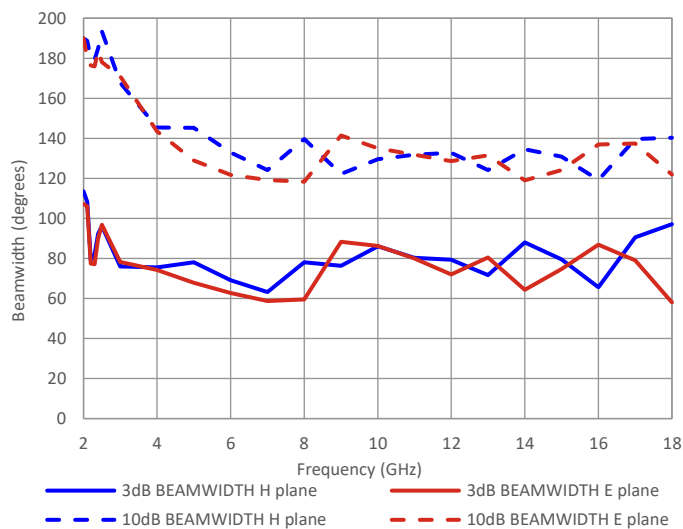
**Typical Specification**

<b>Frequency</b>	2 to 18 GHz
<b>Connector</b>	SMA Female
<b>VSWR</b>	< 2.5:1 typical, 3:1 maximum
<b>Gain</b>	-1.1 to 4.5 dBiC
<b>Axial Ratio</b>	0.2 to 5.8 dB
<b>3 dB Beamwidth</b>	58.1 to 113.5 degrees
<b>10 dB Beamwidth</b>	118 to 193 degrees
<b>Power</b>	1W CW
<b>Size &amp; Weight</b>	Ø70mm x 43mm length, 110g nominal.
<b>Mounting</b>	3 holes tapped M3, 38.1mm PCD
<b>Environmental</b>	MIL-STD-810G Storage Temperature (-54°C to +70°C) Thermal shock (-40°C to +70°C) Vibration (10-2000Hz, RMS 9.455g) Shock (12g, 11ms 1/2 sine)

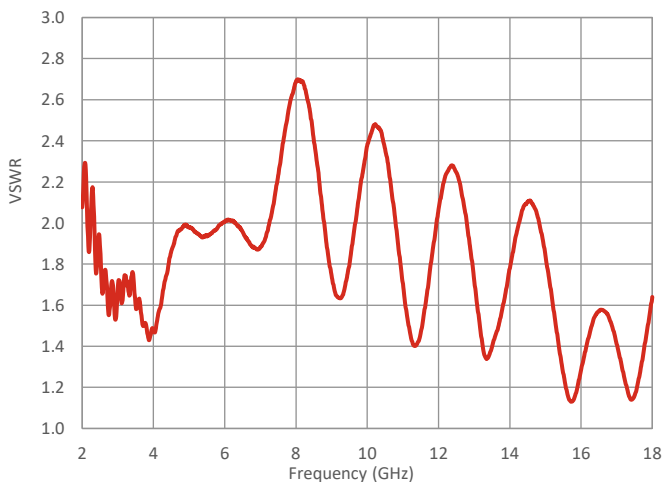
**Typical Gain**



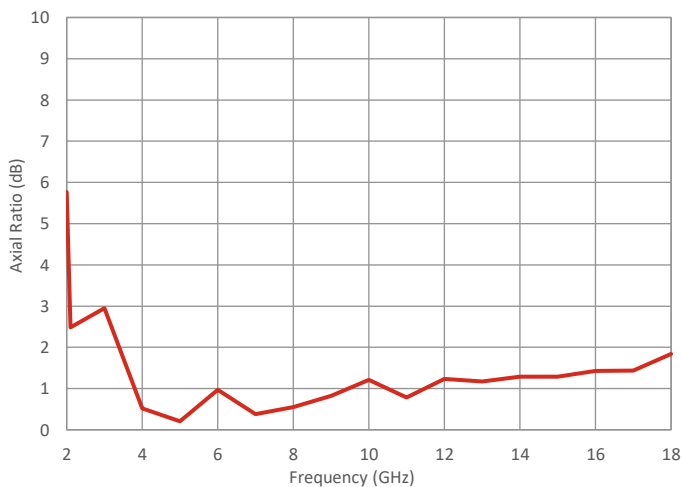
**Typical Beamwidth**



**Typical VSWR**



**Typical Axial Ratio**



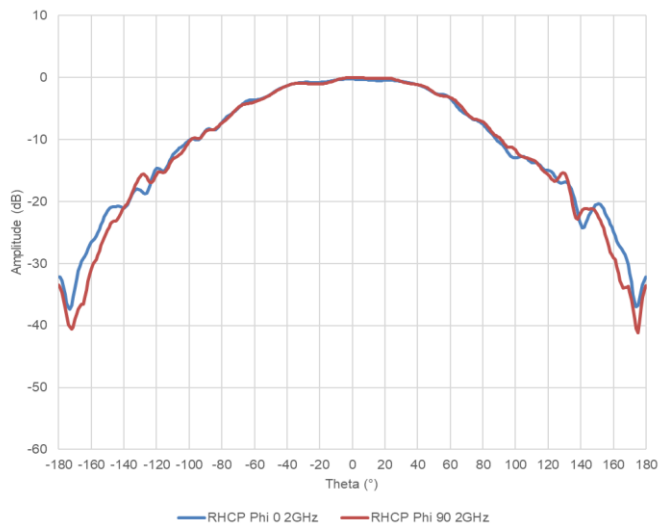
Steatite Antennas reserve the right to change and/or update this specification whereby it is deemed that this would improve either the production and/or performance specification of this part. Information herein should not be disclosed to a third party without the prior written consent of Steatite Antennas.



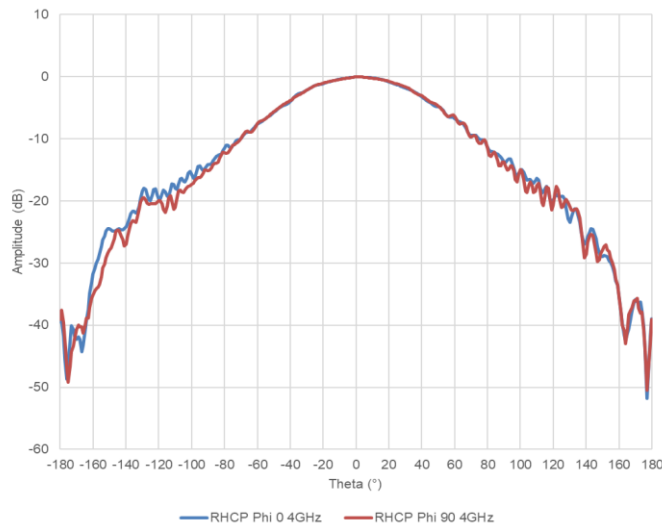


2 - 18 GHz Left Hand Circularly Polarised Spiral Antenna fitted with an SMA type Connector

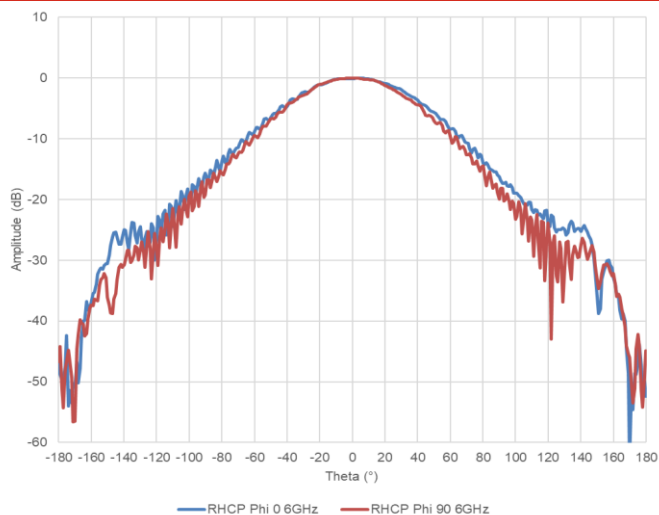
**2 GHz**



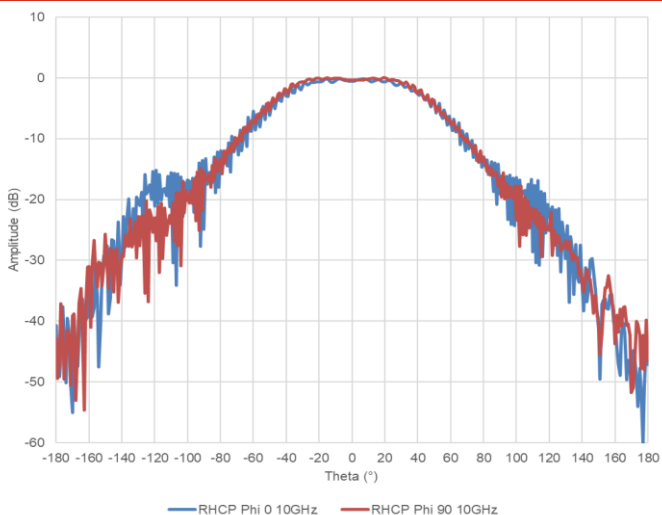
**4 GHz**



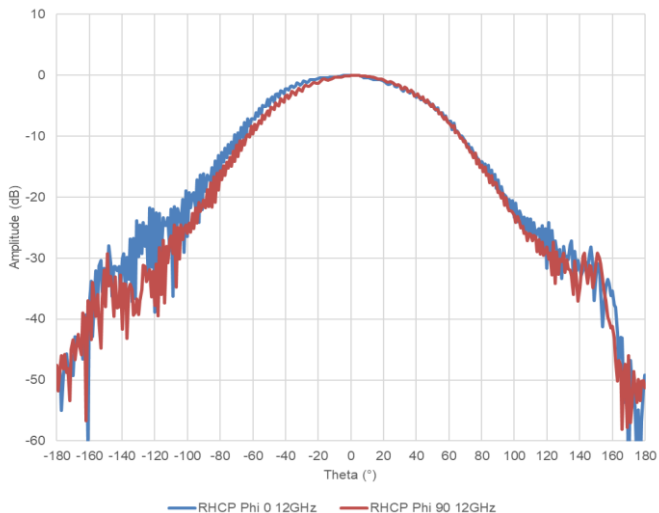
**6 GHz**



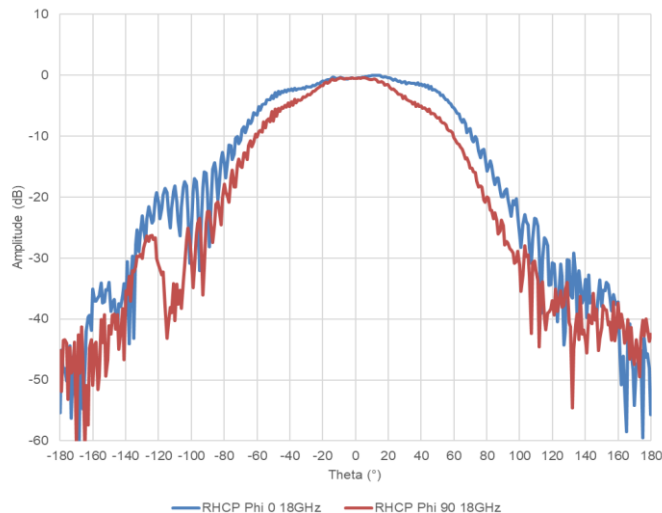
**10 GHz**



**12 GHz**



**18 GHz**



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