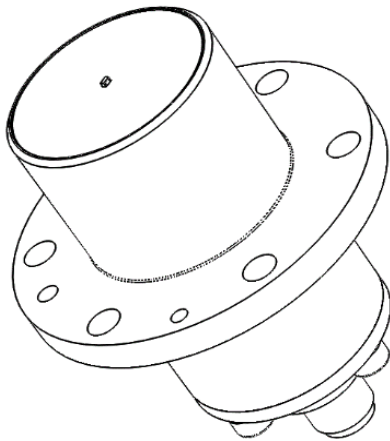


### QMS-00049

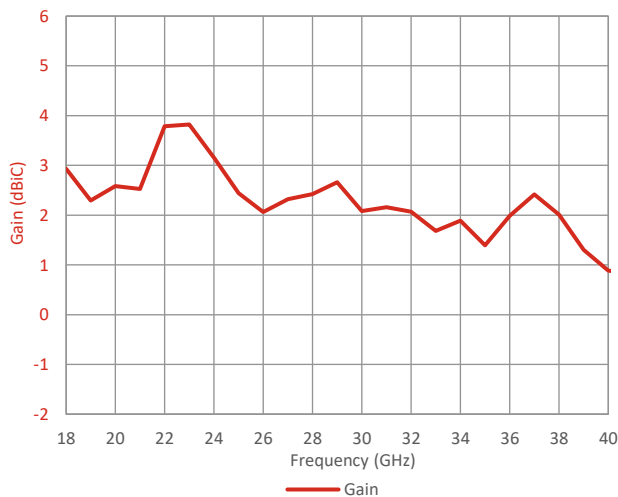


Please contact Steatite Antennas for a full interface control drawing.

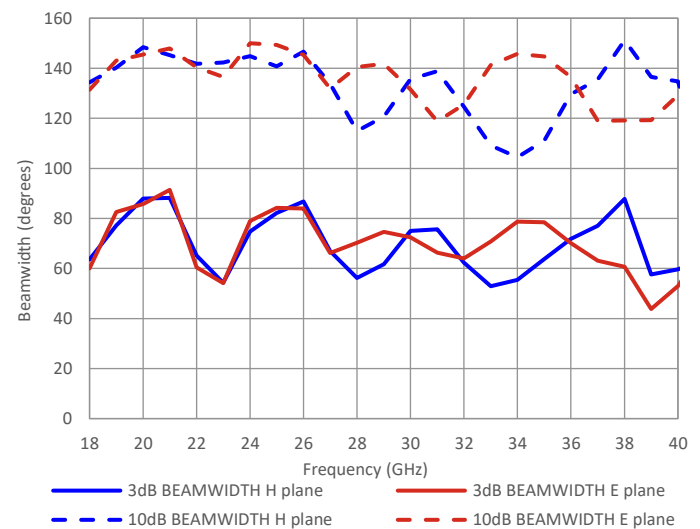
### Typical Specification

<b>Frequency</b>	18 to 42 GHz
<b>Connector</b>	K type (2.92mm) jack
<b>VSWR</b>	Typically <2.5:1
<b>Gain</b>	0.8 to 3.8 dBiC
<b>Axial Ratio</b>	0.5 to 2.5 dB
<b>3 dB Beamwidth</b>	43.8 to 91.4 degrees
<b>10 dB Beamwidth</b>	96 to 151 degrees
<b>Power</b>	2 Watt c.w.
<b>Size &amp; Weight</b>	Ø35.4 mm x 45mm long, 30g nominal
<b>Mounting</b>	6 holes, diameter 3.2 mm, 30 mm p.c.d.
<b>Environmental</b>	MIL-STD-810H
	Storage Temp: -40°C to +70°C
	DO160F
	Shock: 6g, 11ms TPS.
	Vib: Fig 8-1, profile C (Fixed wing)

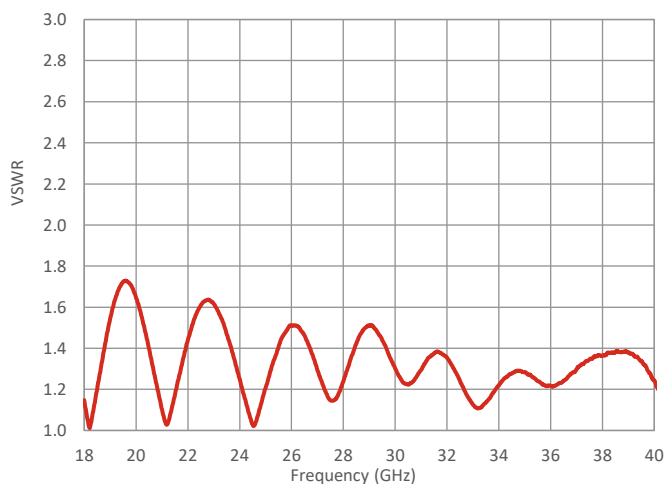
### Typical Gain



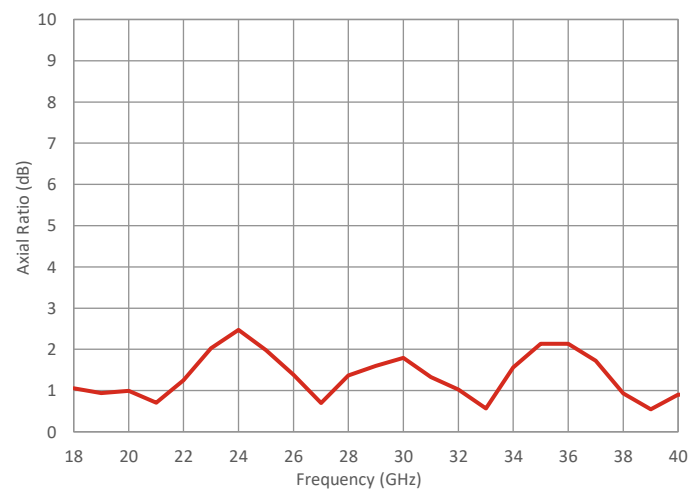
### Typical Beamwidth



### Typical VSWR



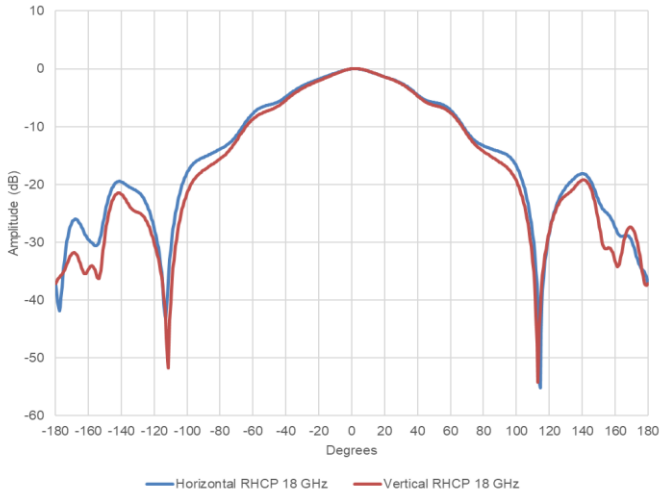
### Typical Axial Ratio



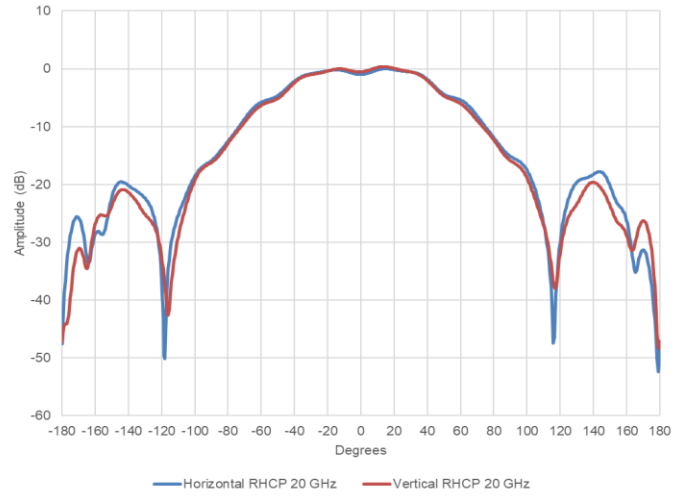
Steatite Antennas reserve the right to change and/or update this specification whereby it is deemed that this would improve either the production and/or performance specification of this part. Information herein should not be disclosed to a third party without the prior written consent of Steatite Antennas.



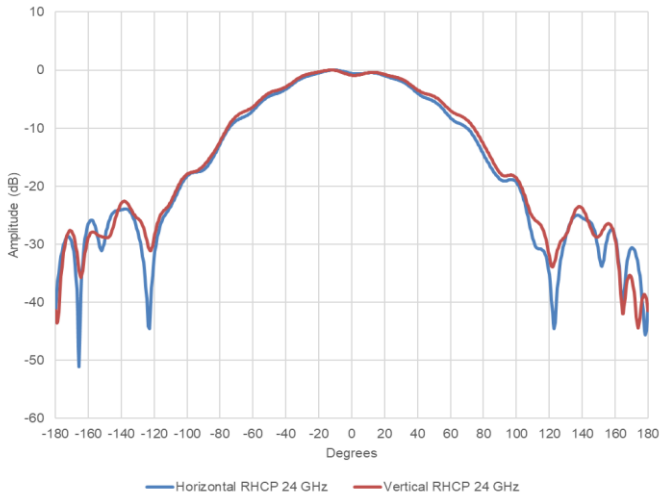
**18 GHz**



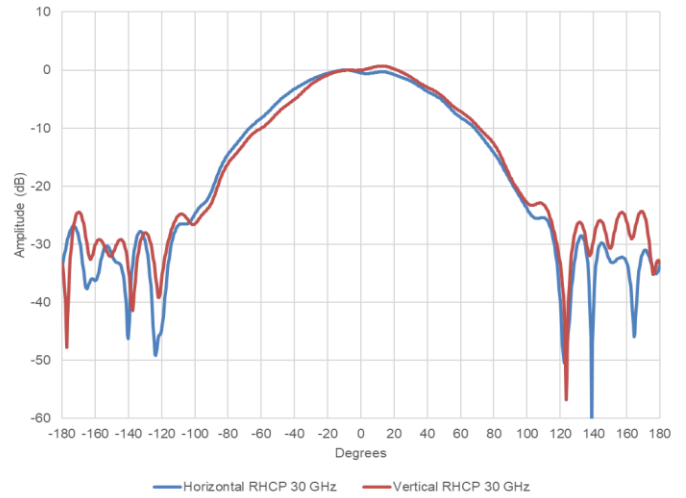
**20 GHz**



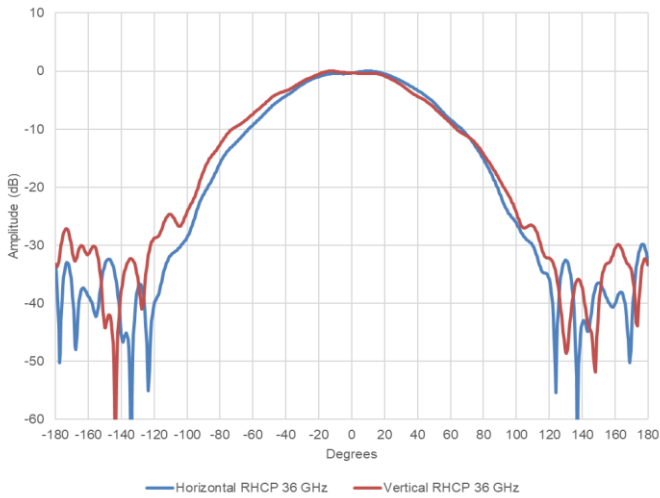
**24 GHz**



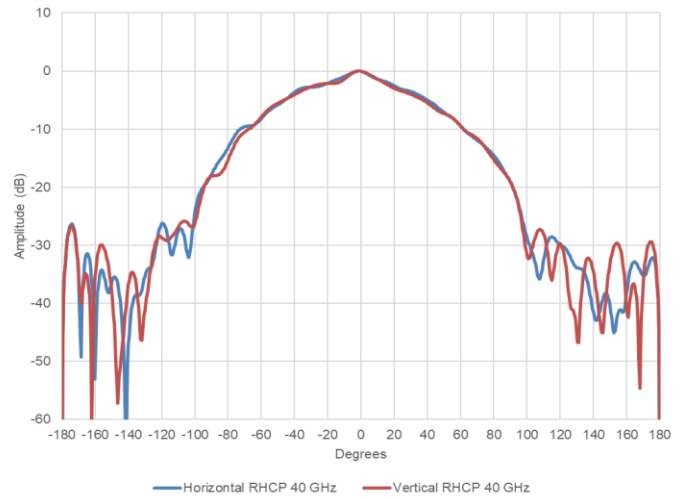
**30 GHz**



**36 GHz**



**40 GHz**



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