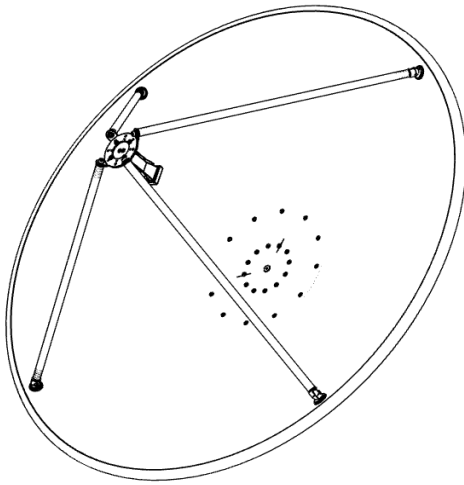


### QMS-01244

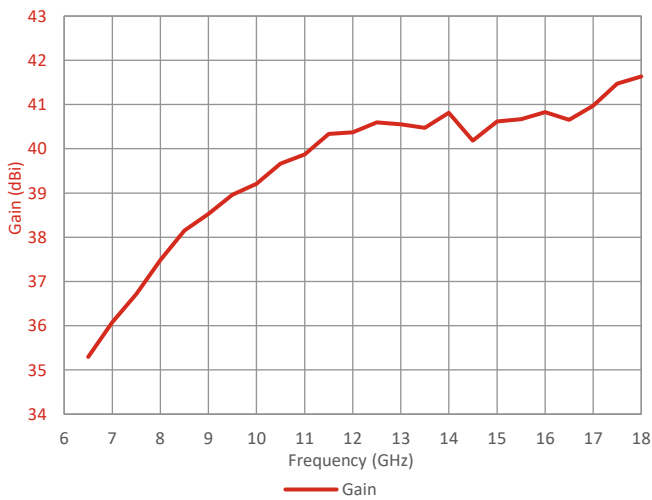


Please contact Steatite Antennas for a full interface control drawing.

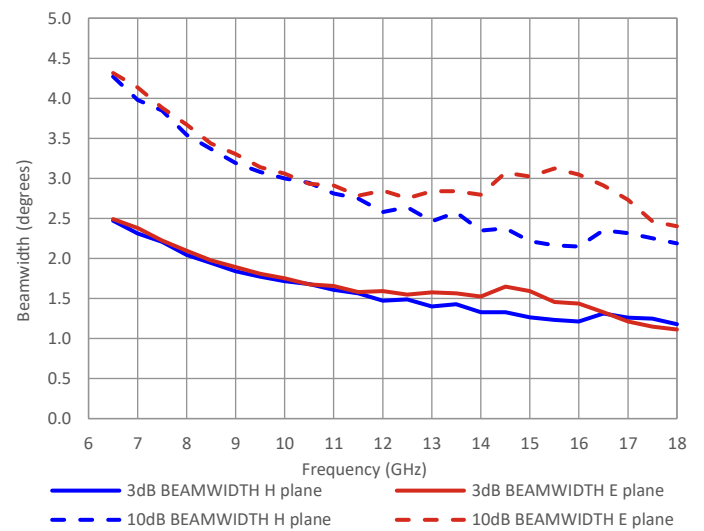
### Typical Specification

<b>Frequency</b>	6.5 to 18 GHz
<b>Connector</b>	N type jack
<b>VSWR</b>	Typically < 2.0:1
<b>Gain</b>	35.3 to 41.6 dBi
<b>Antenna Factor</b>	10.7 to 13.9 dB/m
<b>3 dB Beamwidth</b>	1.1 to 2.5 degrees
<b>10 dB Beamwidth</b>	2 to 4 degrees
<b>Power</b>	100 Watt c.w.
<b>Size &amp; Weight</b>	Ø1230mm x 625mm depth, 14 Kg nominal
<b>Mounting</b>	8 holes, tapped M6, Ø125 mm PCD
<b>Environmental</b>	MIL-STD-810H Storage Temperature -40°C to +70°C Wind load (survival) - 67mph

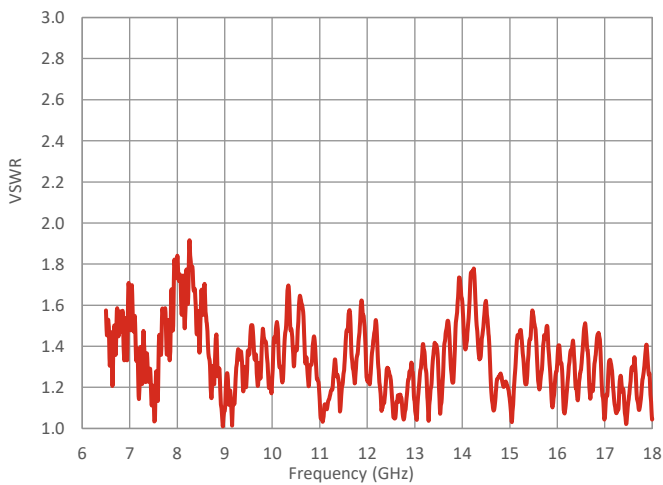
### Typical Gain



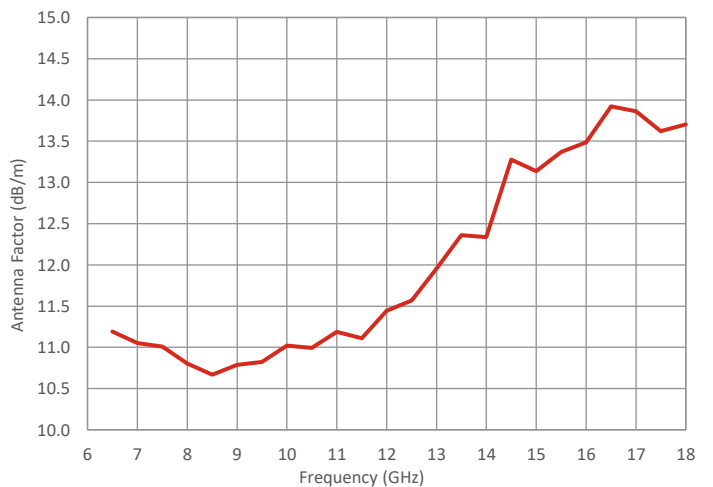
### Typical Beamwidth



### Typical VSWR



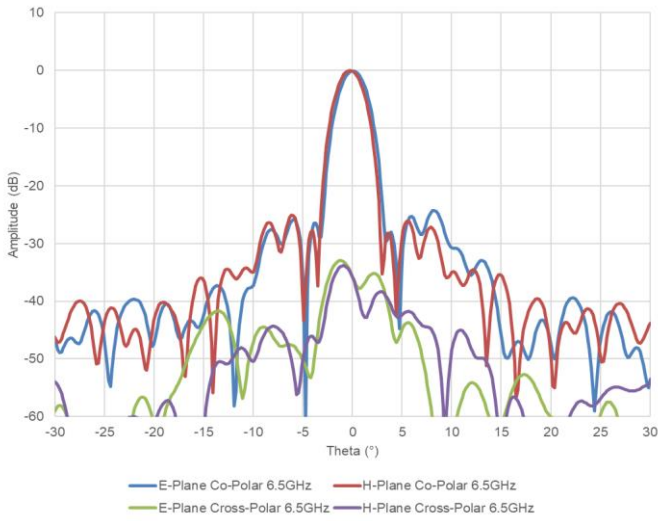
### Typical Antenna Factor



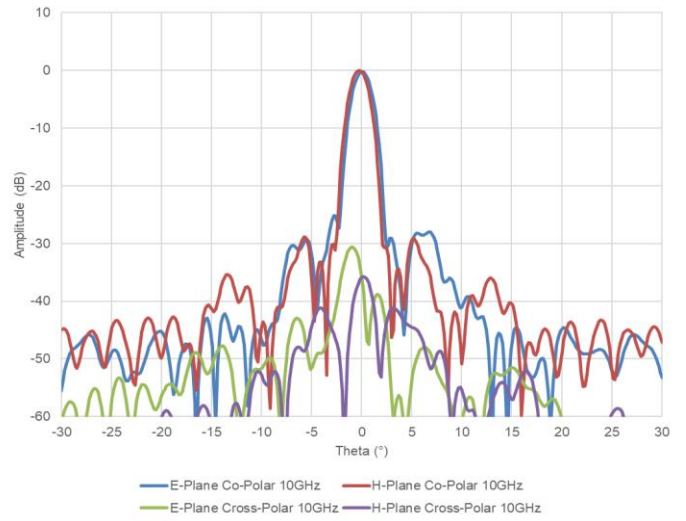
Steatite Antennas reserve the right to change and/or update this specification whereby it is deemed that this would improve either the production and/or performance specification of this part. Information herein should not be disclosed to a third party without the prior written consent of Steatite Antennas.



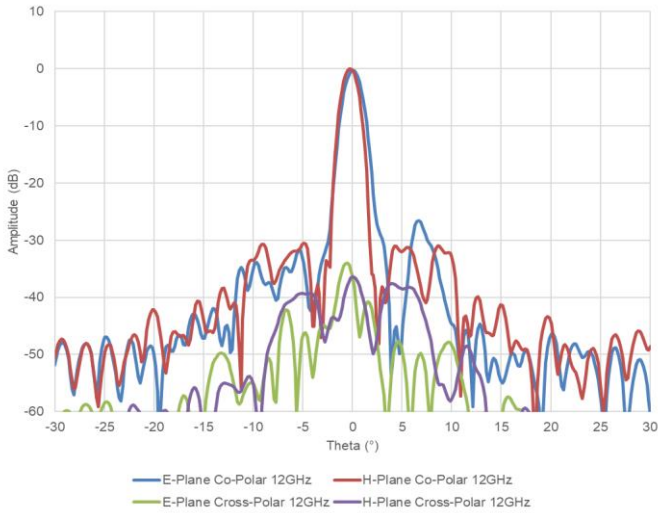
**6.5 GHz**



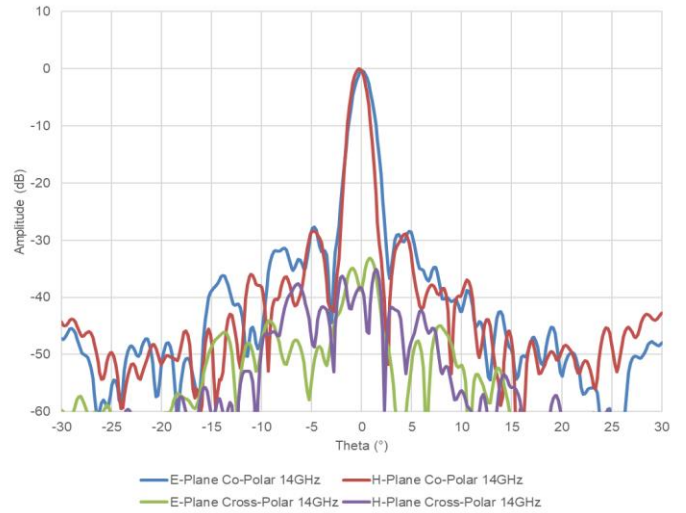
**10 GHz**



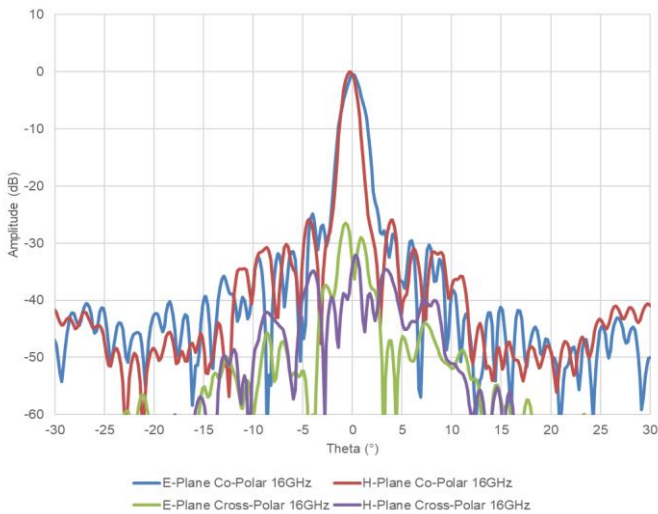
**12 GHz**



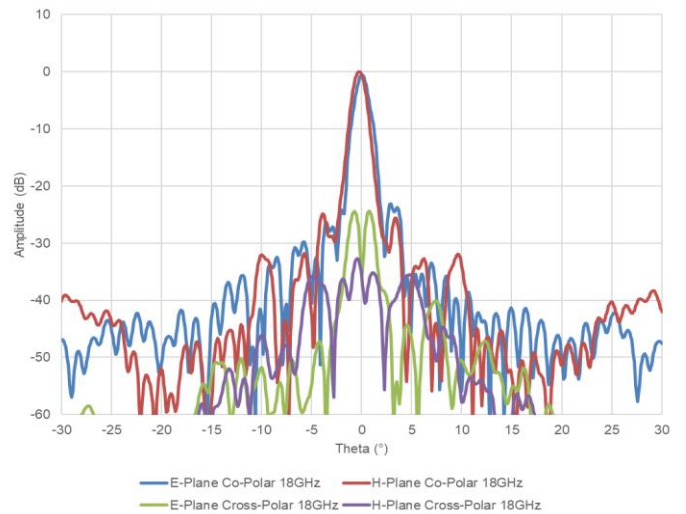
**14 GHz**



**16 GHz**



**18 GHz**



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.

