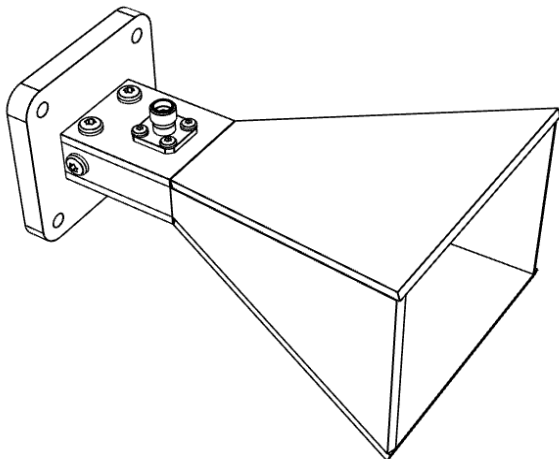




QMS-00181



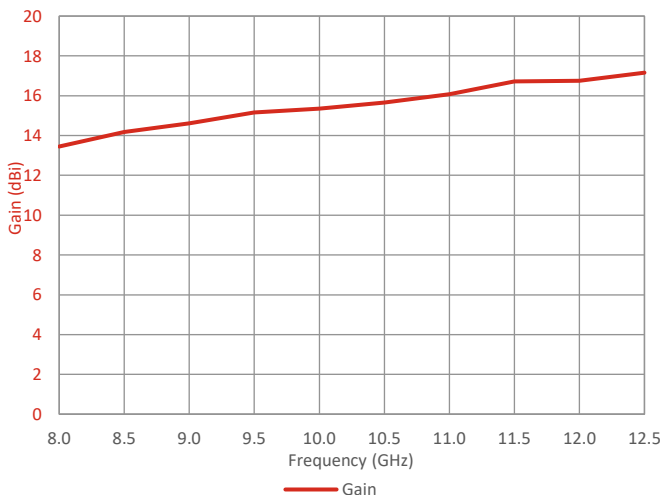
Please contact Steatite Antennas for a full interface control drawing.

8 - 12 GHz Linearly Polarised 15 dBi Horn Antenna fitted with an SMA type Connector

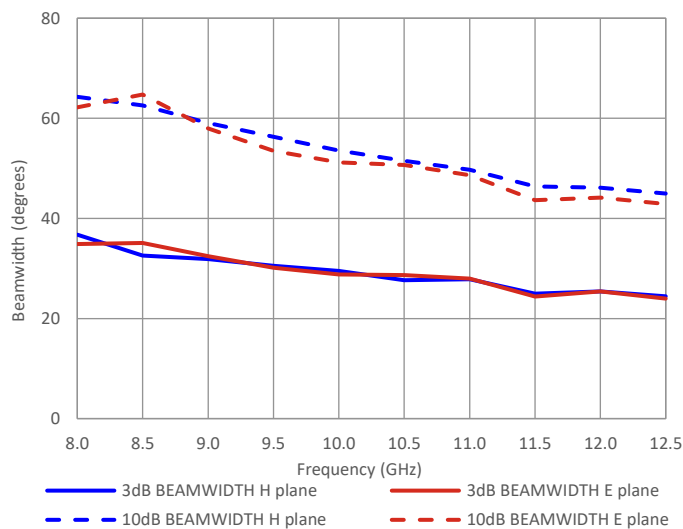
Typical Specification

Frequency	8.2 to 12.4GHz
Connector	SMA (female)
VSWR	Typically < 1.35:1
Gain	13.4 to 17.2 dBi
Antenna Factor	34.6 to 35.1 dB/m
3 dB Beamwidth	24 to 36.8 degrees
10 dB Beamwidth	43 to 65 degrees
Power	40W CW
Size & Weight	76 x 57mm aperture x 116mm long. 170g nominal
Mounting	4 holes Ø4.1mm thru on 38mm centres.
Mounting	Welded aluminium, painted. Anodised aluminium mounting plate.

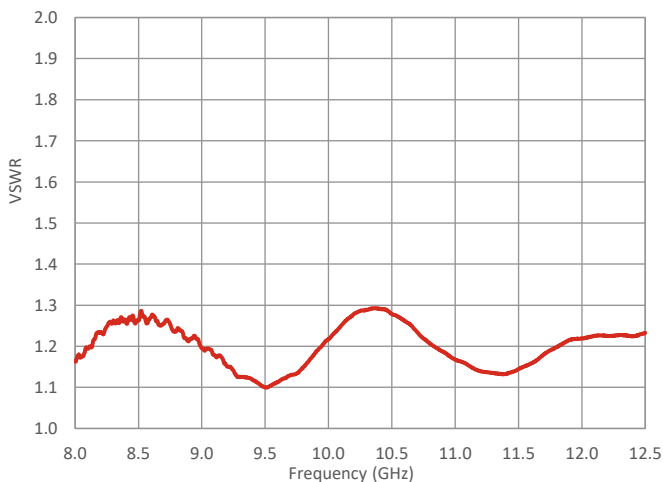
Typical Gain/Antenna Factor



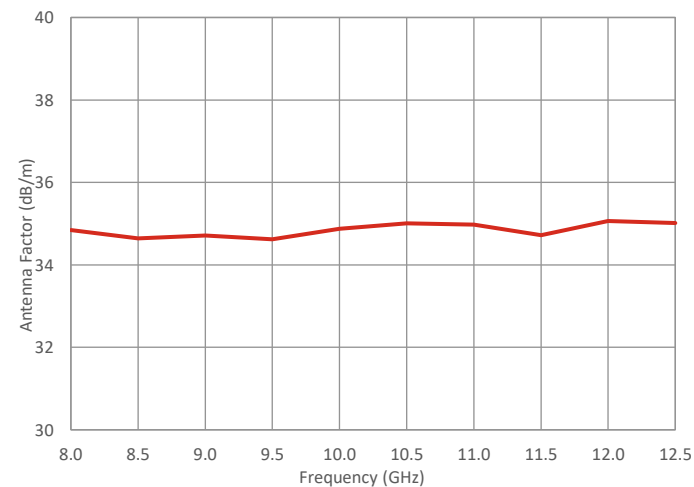
Typical Beamwidth



Typical VSWR



Typical Antenna Factor



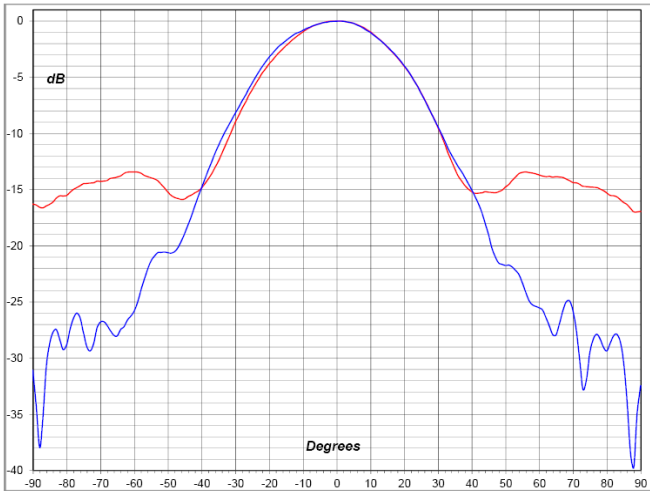
Steatite Antennas reserve the right to change and/or update this specification whereby it is deemed that this would improve either the production and/or performance specification of this part. Information herein should not be disclosed to a third party without the prior written consent of Steatite Antennas.



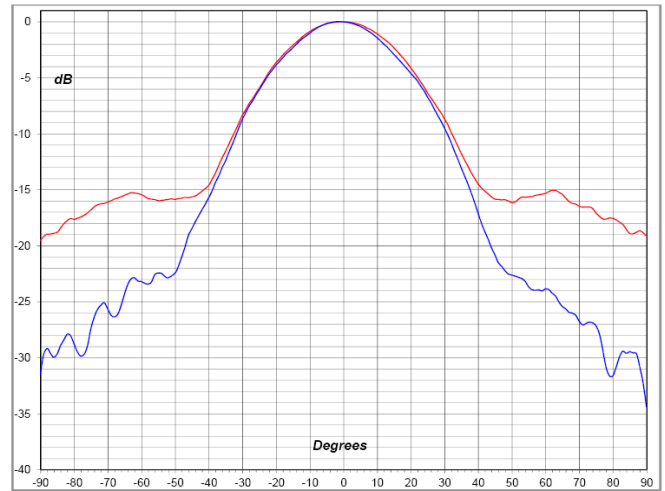


8 - 12 GHz Linearly Polarised 15 dBi Horn Antenna fitted with an SMA type Connector

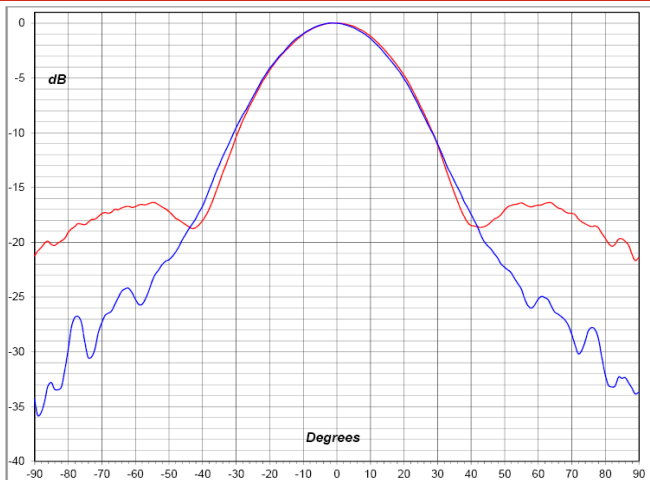
8.0 GHz



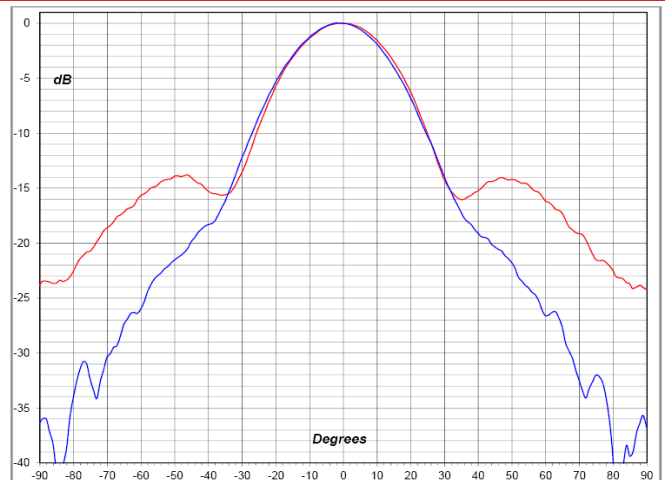
8.5 GHz



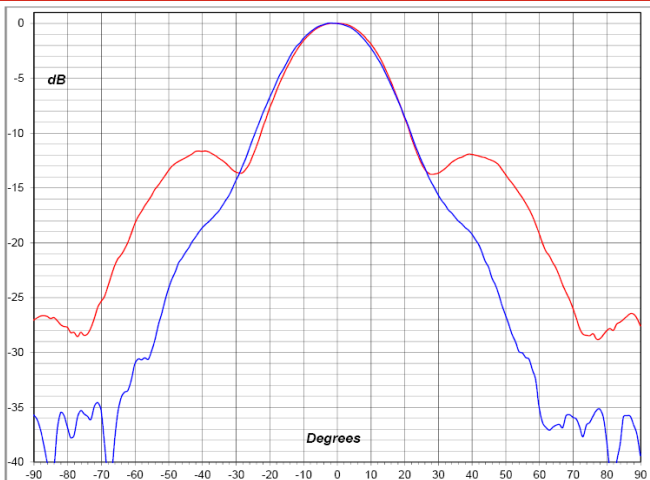
9.0 GHz



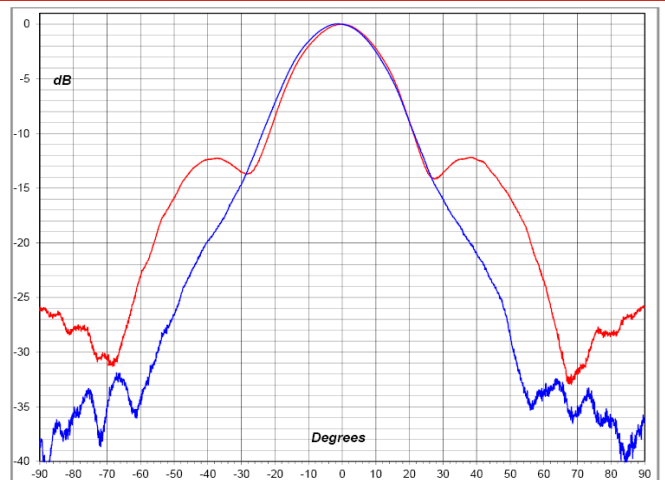
10.5 GHz



12.0 GHz



12.5 GHz



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