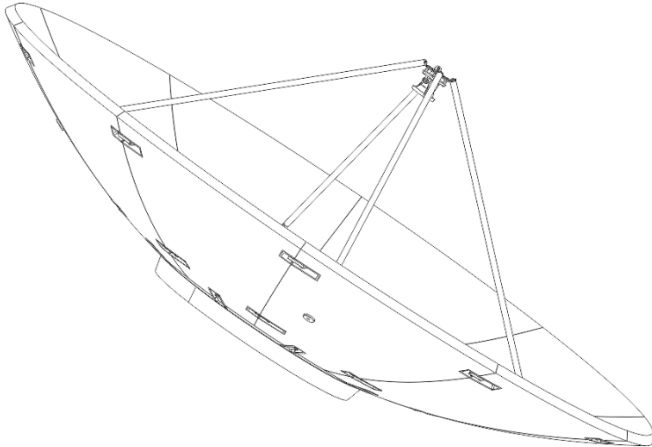


QMS-01171

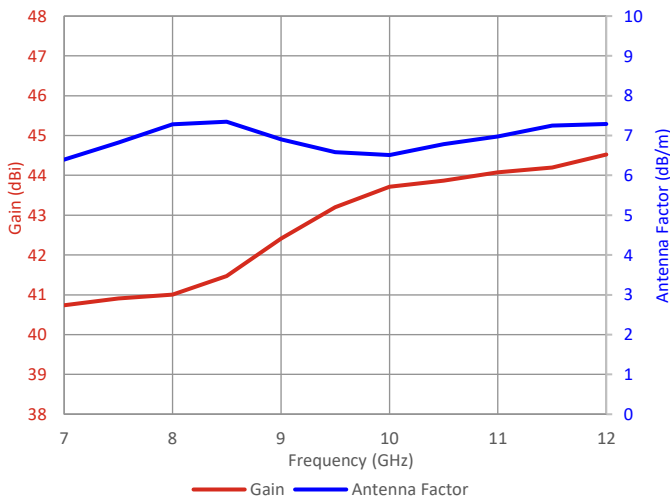


Please contact Steatite Antennas for a full interface control drawing.

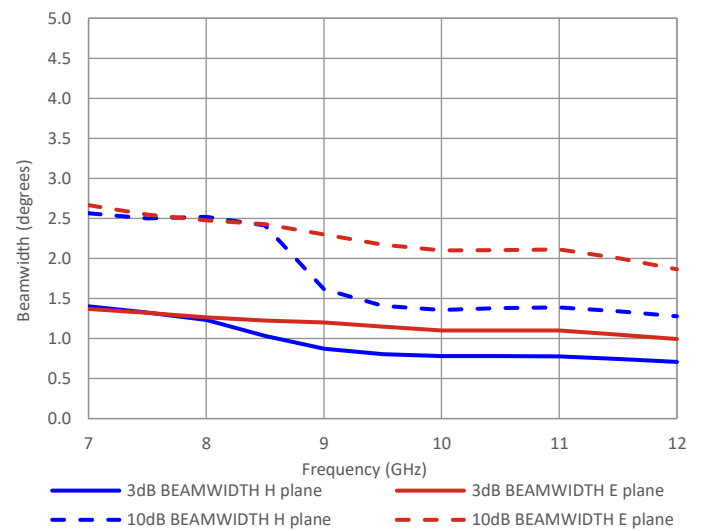
Typical Specification

Frequency	7 to 12 GHz
Connector	N- Type Female x2
VSWR	<2.0:1 Typical, <2.5:1 Peak
Gain	40.7 to 44.5 dBi
Isolation	-47.2 to -36.4 dB
3 dB Beamwidth	0.7 to 1.4 degrees
10 dB Beamwidth	1 to 3 degrees
Power	500W Peak (30% Duty Cycle)
Size & Weight	Ø2.48m x 1.054m Max, 48 kg Nominal
Mounting	Refer to ICD
Environmental	MIL-STD-810H Storage Temperature -40°C to +70°C

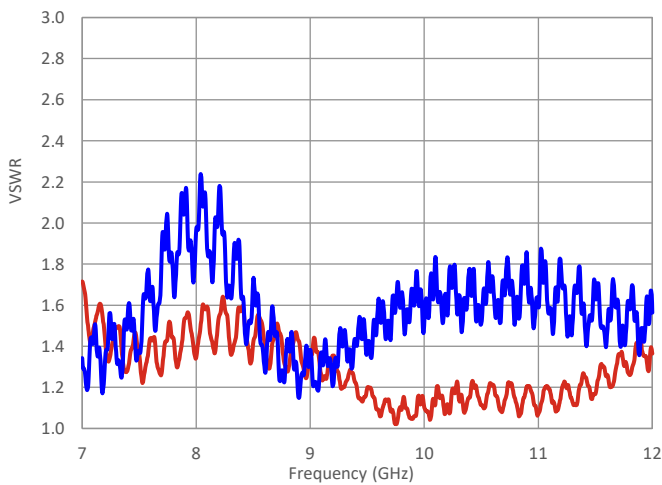
Typical Gain/Antenna Factor



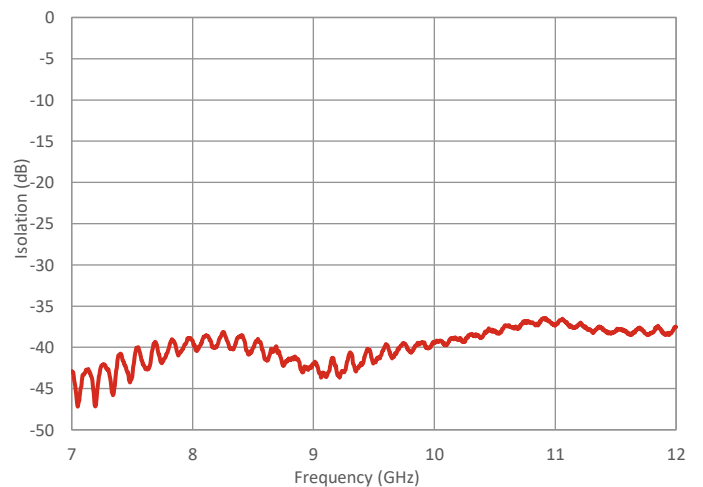
Typical Beamwidth



Typical VSWR



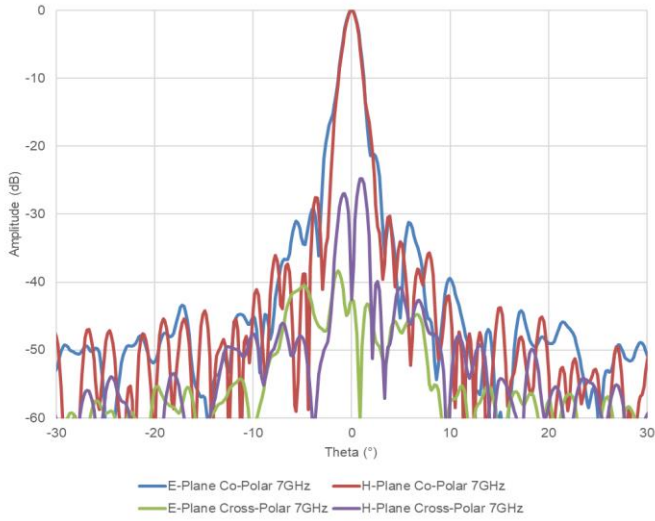
Typical Isolation



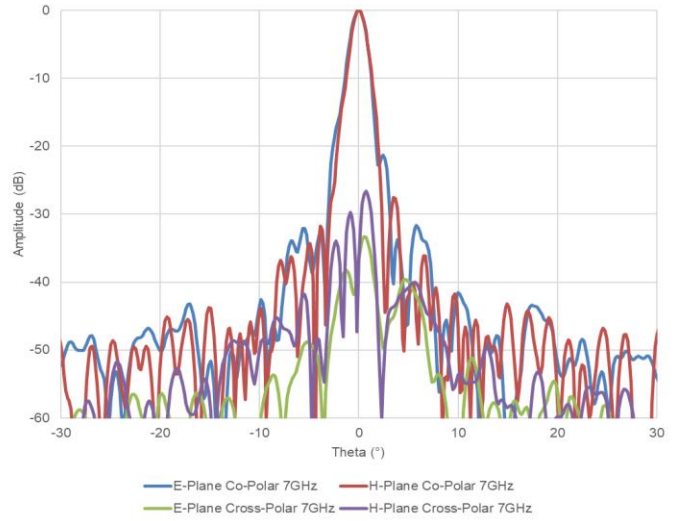
Steatite Antennas reserve the right to change and/or update this specification whereby it is deemed that this would improve either the production and/or performance specification of this part. Information herein should not be disclosed to a third party without the prior written consent of Steatite Antennas.



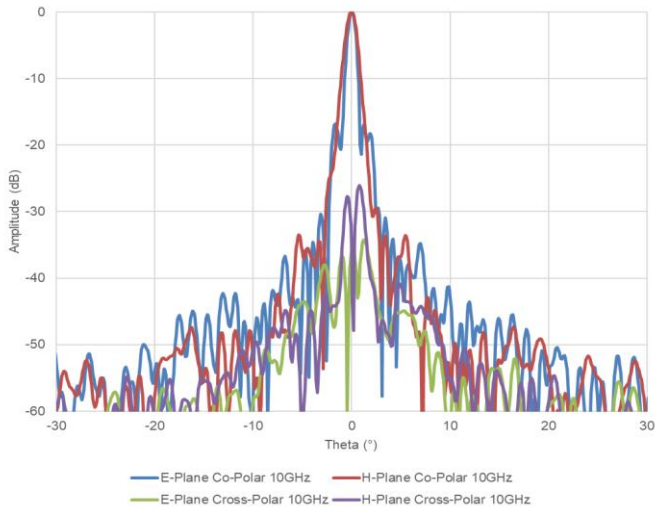
7 GHz (PORT A)



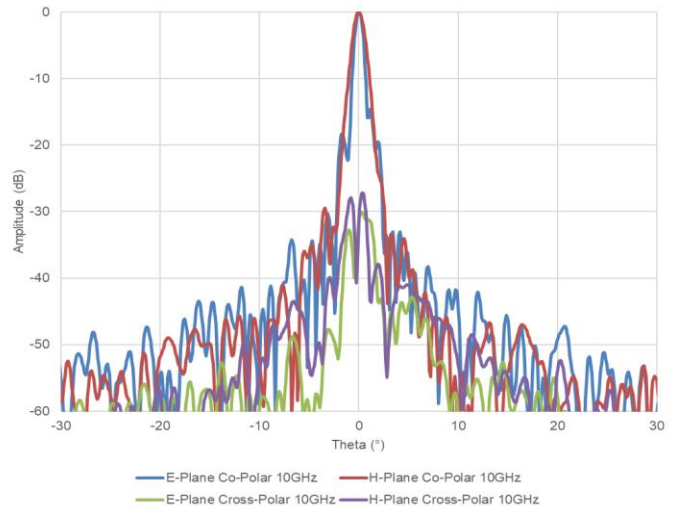
7 GHz (PORT B)



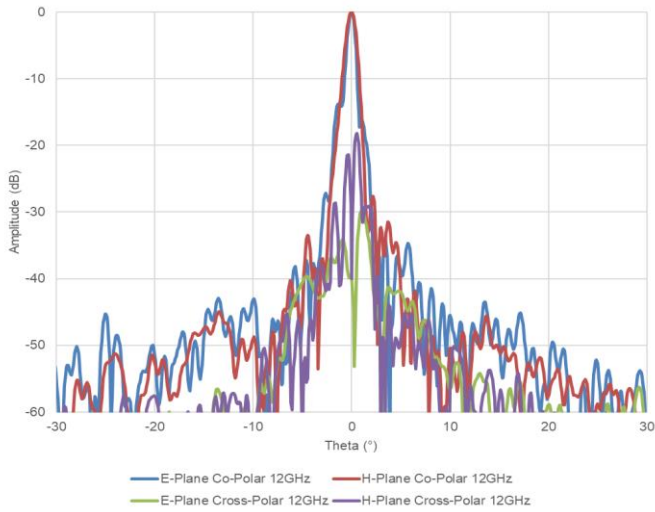
10 GHz (PORT A)



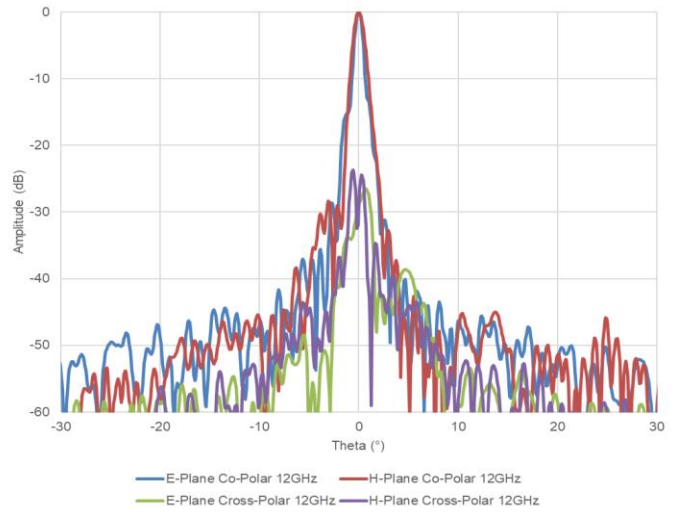
10 GHz (PORT B)



12 GHz (PORT A)



12 GHz (PORT B)



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7.2
8.9