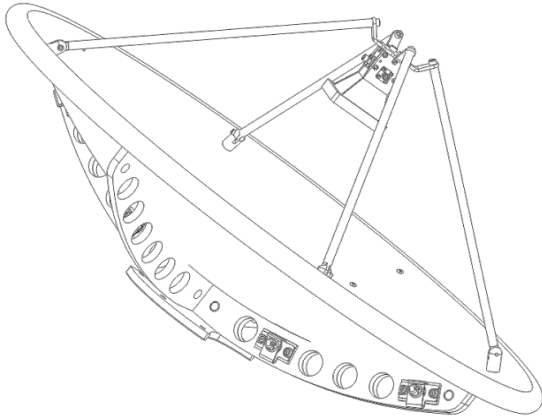


QMS-00950

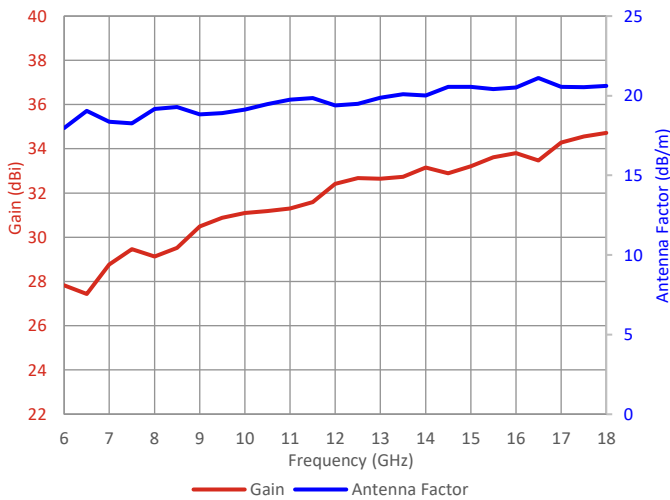


Please contact Steatite Antennas for a full interface control drawing.

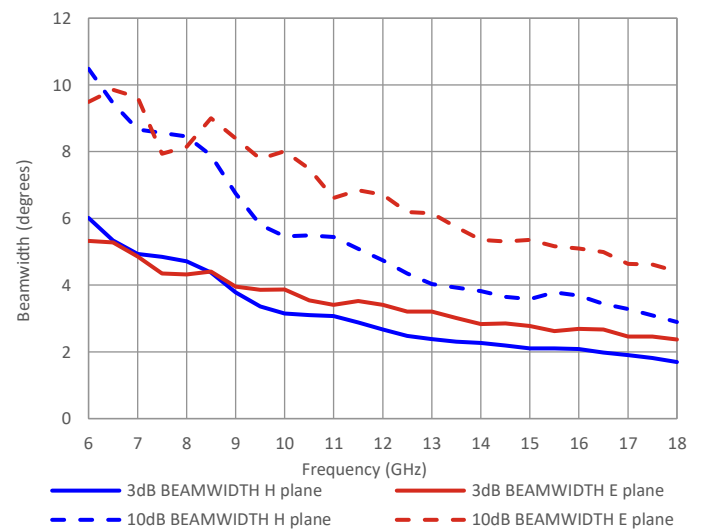
Typical Specification

| | |
|--------------------------|--|
| Frequency | 6.5 to 18 GHz |
| Connector | 2 x SMA Female |
| VSWR | Typically < 2.5:1 |
| Gain | 27.4 to 34.7 dBi |
| Antenna Factor | 18 to 21.1 dB/m |
| 3 dB Beamwidth | 1.7 to 6 degrees |
| 10 dB Beamwidth | 3 to 10 degrees |
| Power | 40 Watt c.w. |
| Size & Weight | Ø630mm x 380mm nominal; 5.5kg. |
| Mounting | 6off M6x1.0 on Ø125mm PCD. See ICD |
| Environmental | MIL-STD-810H Storage Temperature -40°C to +70°C |

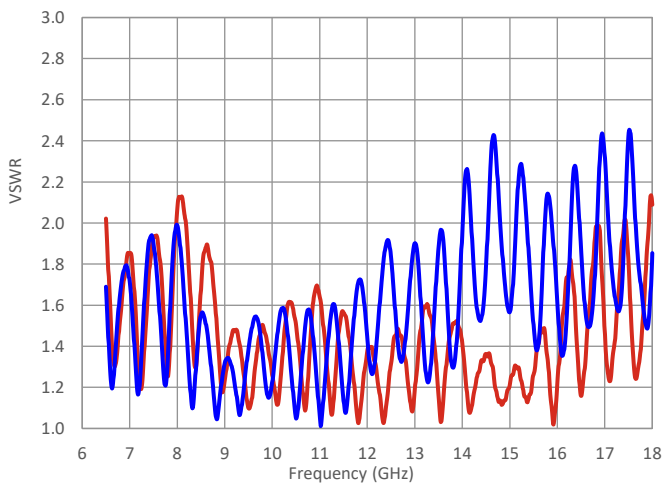
Typical Gain/Antenna Factor



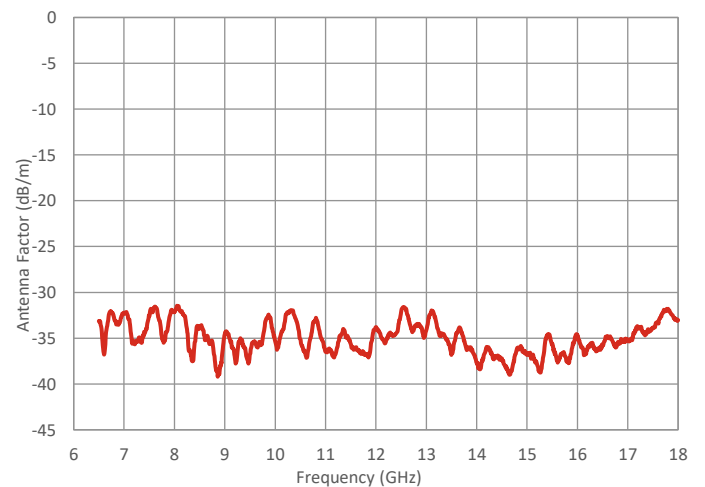
Typical Beamwidth



Typical VSWR



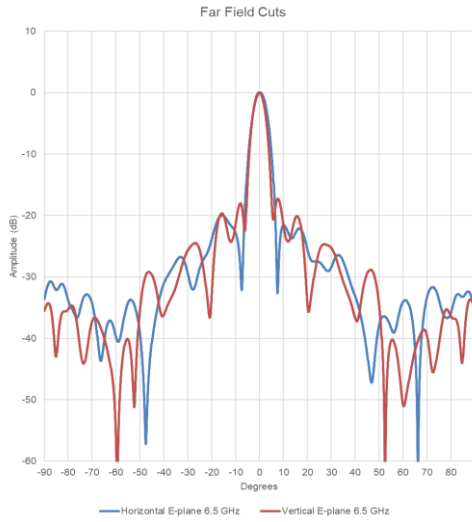
Isolation



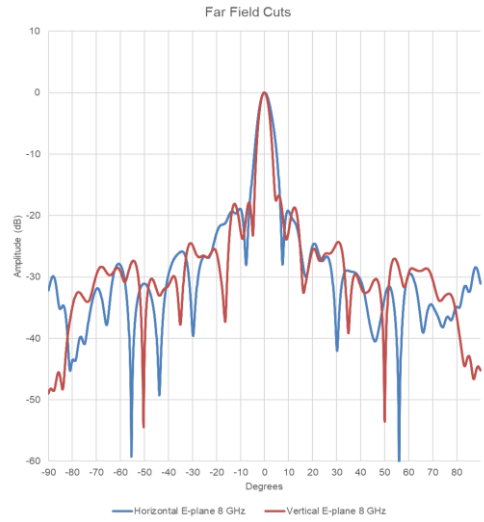
Steatite Antennas reserve the right to change and/or update this specification whereby it is deemed that this would improve either the production and/or performance specification of this part. Information herein should not be disclosed to a third party without the prior written consent of Steatite Antennas.



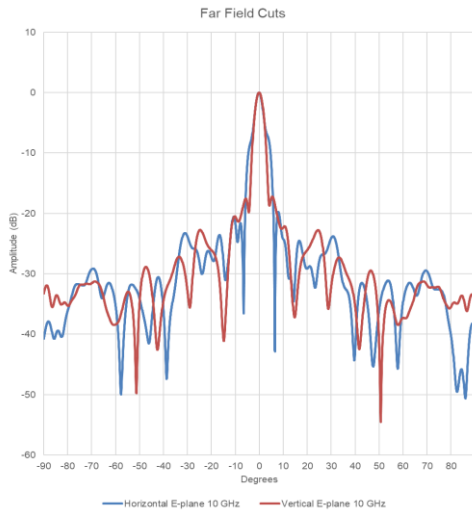
6.5 GHz



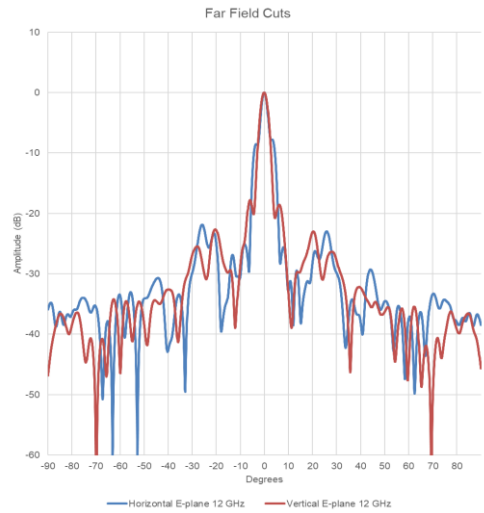
8.0 GHz



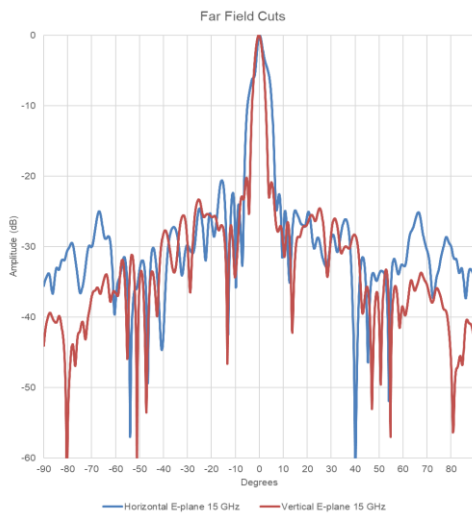
10.0 GHz



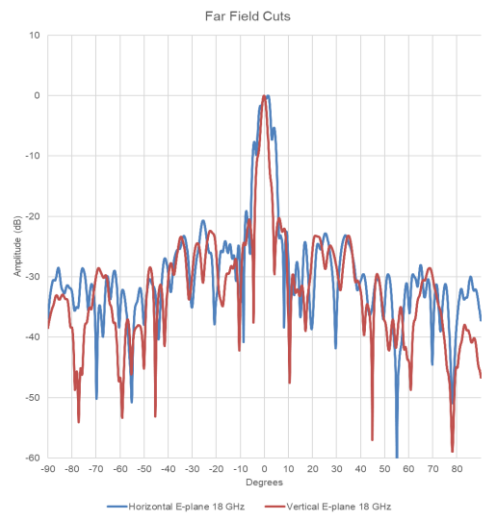
12.0 GHz



15.0 GHz



18.0 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.

