

Lens Horn Antenna Data

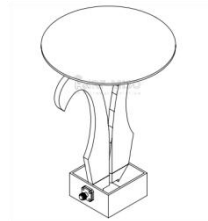
Description

lens horn antenna RM-LHA125-15 is a linear polarization, operating from 1 to 25GHz with a 15dB Typ. gain and low VSWR<2 with SMA-Female connector. The antenna is ideally suited for antenna measurement, electronic warfare, satellite communications, etc.

Specifications

| RM-LHA125-15 | | |
|------------------------|------------------|-------|
| Parameters | Typical | Units |
| Frequency Range | 1-25 | GHz |
| Gain | 15 Typ. | dBi |
| VSWR | <2 | |
| Cross Polarization | 45 | dB |
| 3dB Beamwidth, E-Plane | 7.8~85.6 | deg |
| 3dB Beamwidth, H-Plane | 5.1~130.0 | deg |
| Polarization | Linear-polarized | |
| Connector | SMA-Female | |
| Body Material | Al | |
| Size(L*W*H) | 190.7*Ø141.4 | mm |
| Weight | 0.537 | kg |

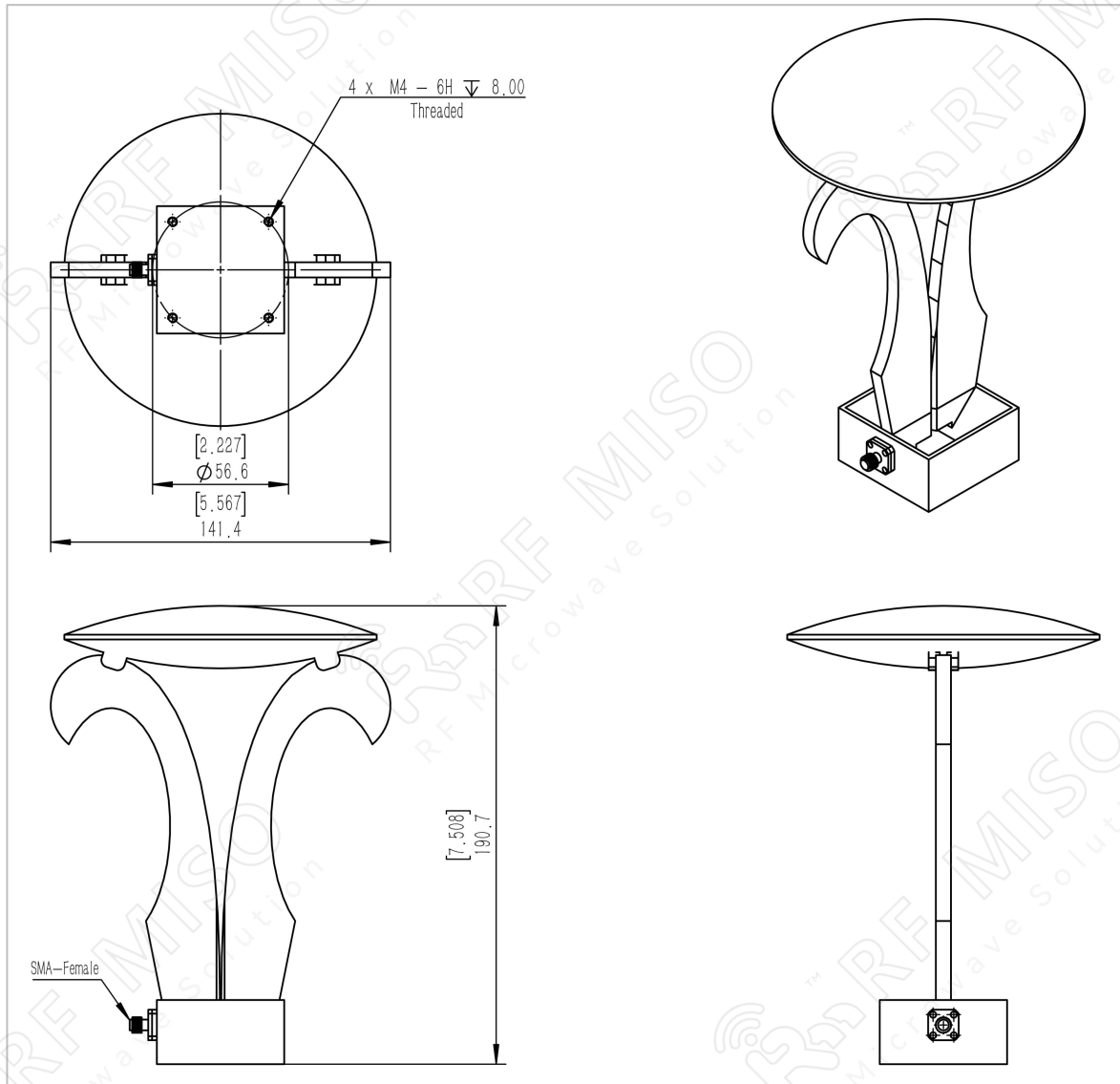
Lens Horn Antenna
15dBi Typ. Gain, 1-25GHz Frequency Range



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Outline Drawing

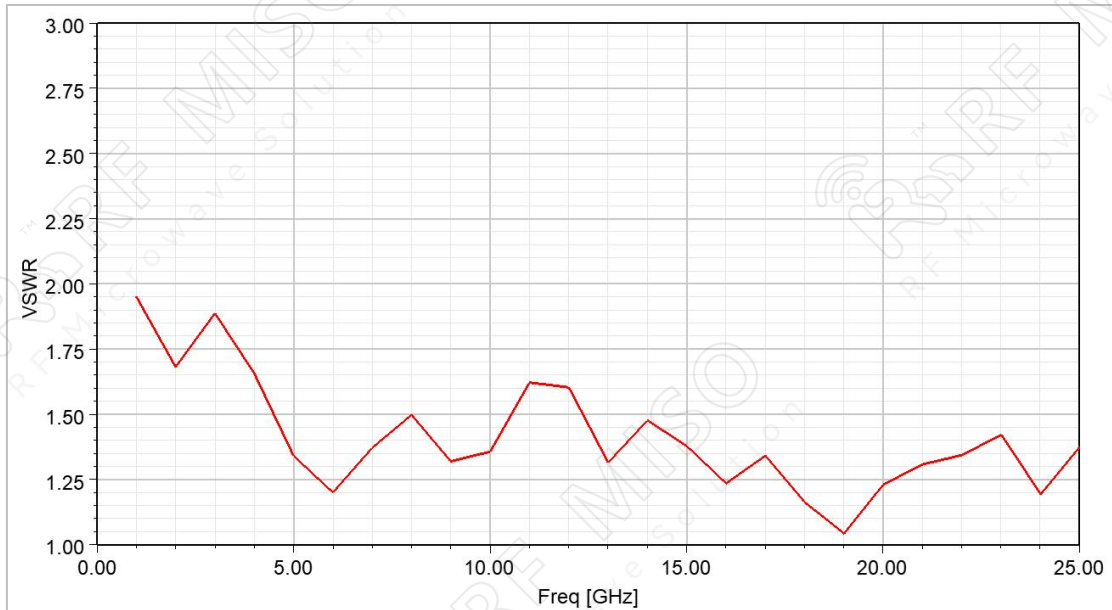




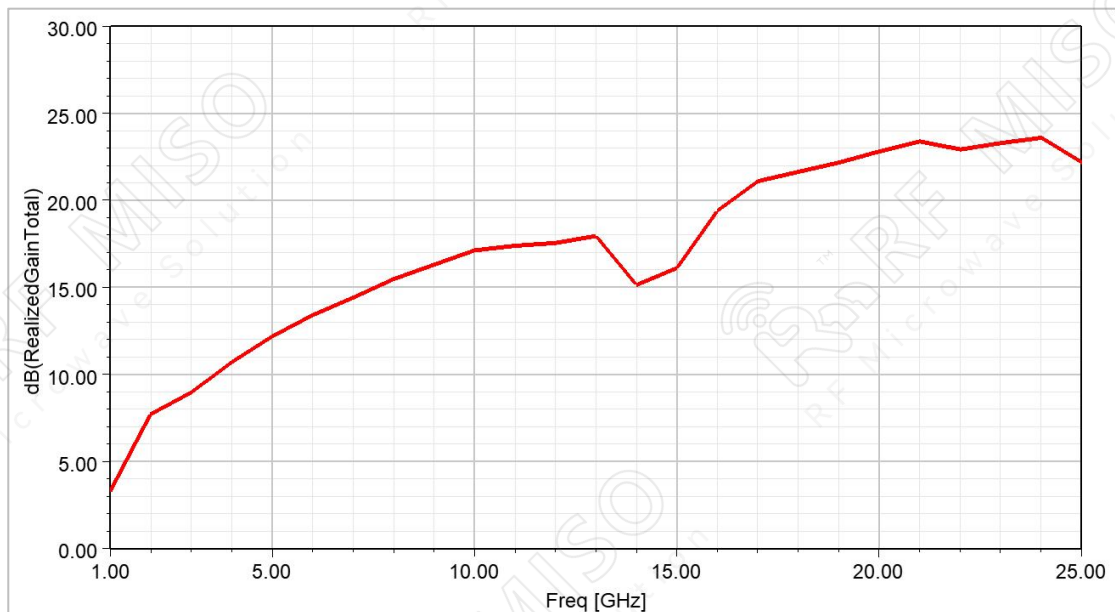
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Simulation Data

VSWR



Gain



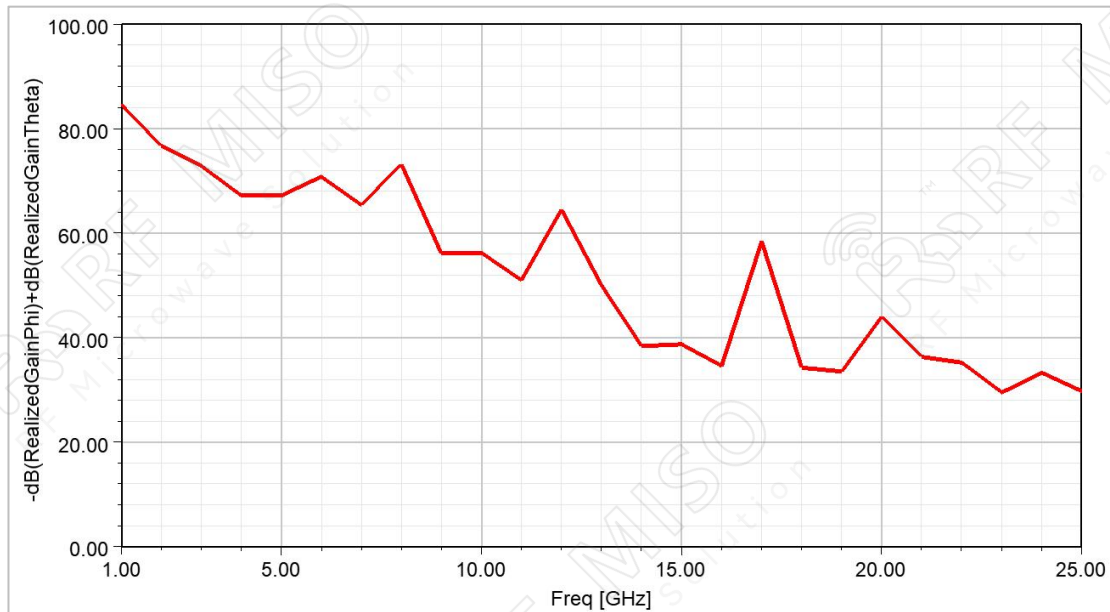
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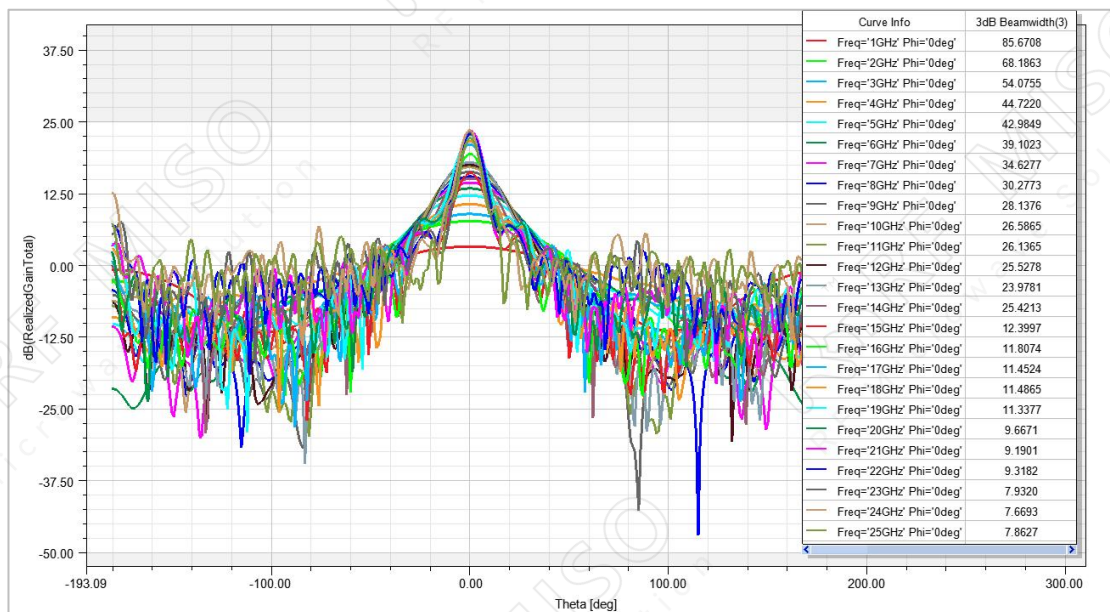
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Cross Polarization



Pattern

E-Plane



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H-Plane

