

Log Spiral Antenna 4dBi Typ. Gain, 0.1-1 GHz
Frequency Range



Log Spiral Antenna Data Sheet

RM-LSA011-4

Specification

| RM-LSA011-4 | | |
|----------------------|----------------|-------|
| Parameters | Typical | Units |
| Frequency Range | 0.1-1 | GHz |
| Impedance | 50 | ohms |
| Gain | 4 Typ. | dBi |
| VSWR | 2.5 Typ. | |
| Polarization | RH/LH circular | |
| Axial Ratio | <2 | dB |
| Size | 1275*Ø1000(±5) | mm |
| Weight | 14.815 | Kg |
| Connector | N type | |
| Power Handling(cw) | 300 | w |
| Power Handling(peak) | 500 | w |

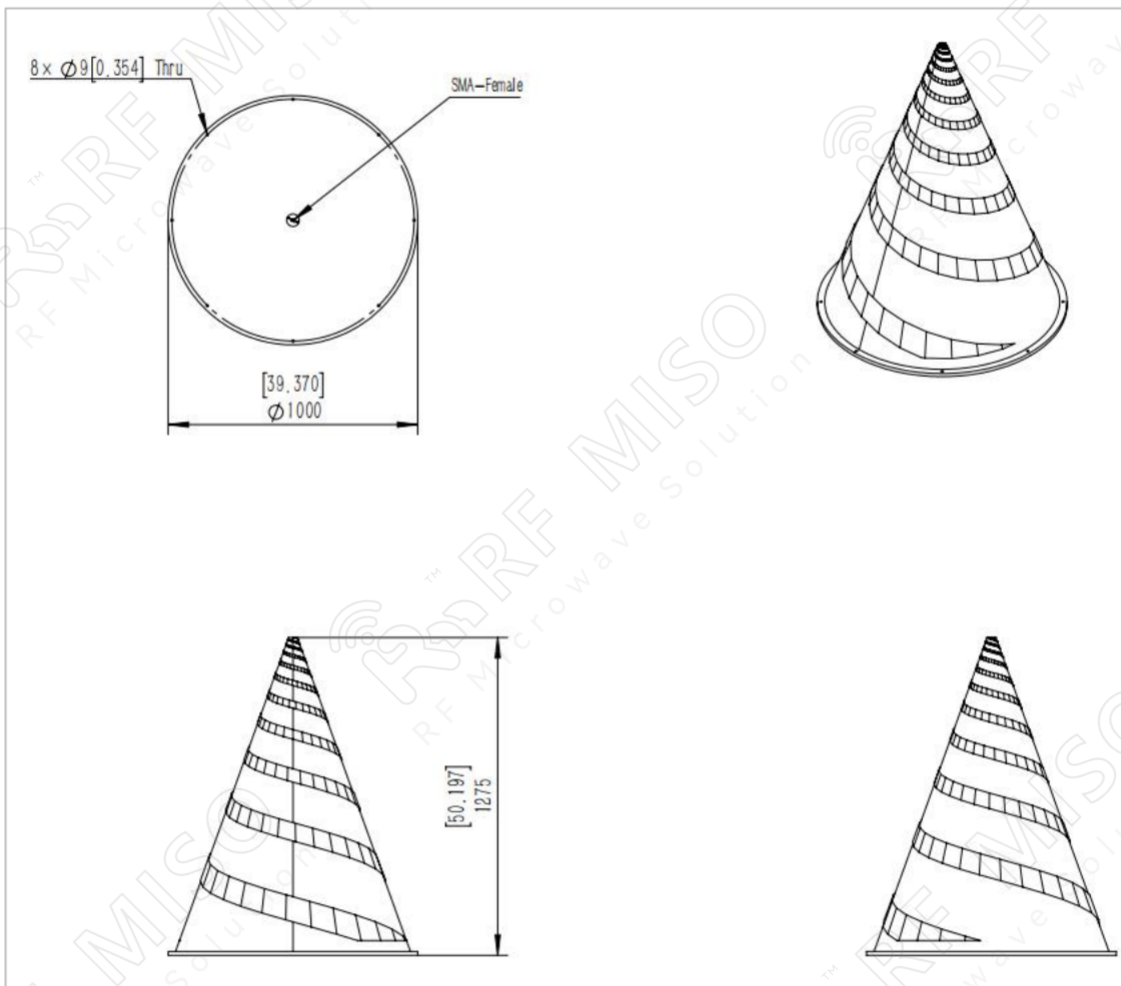
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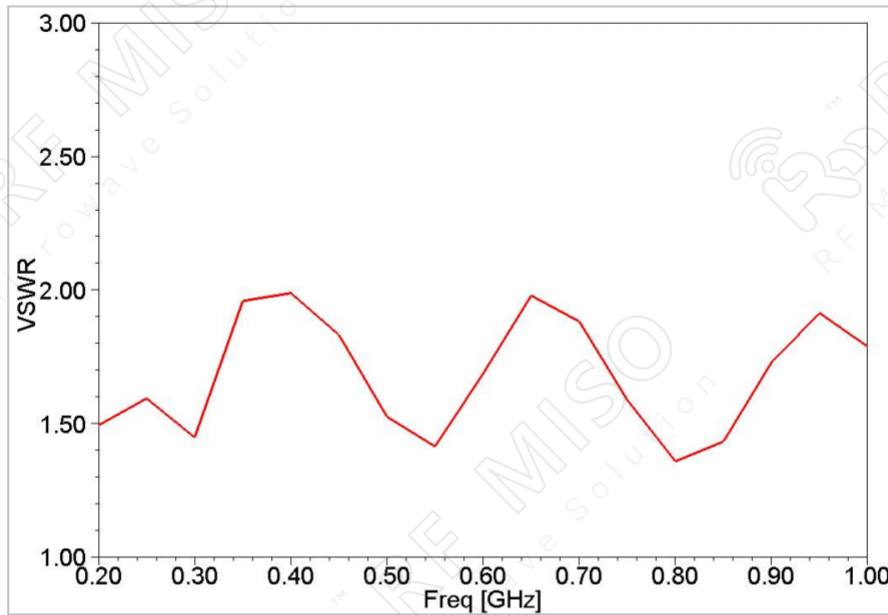


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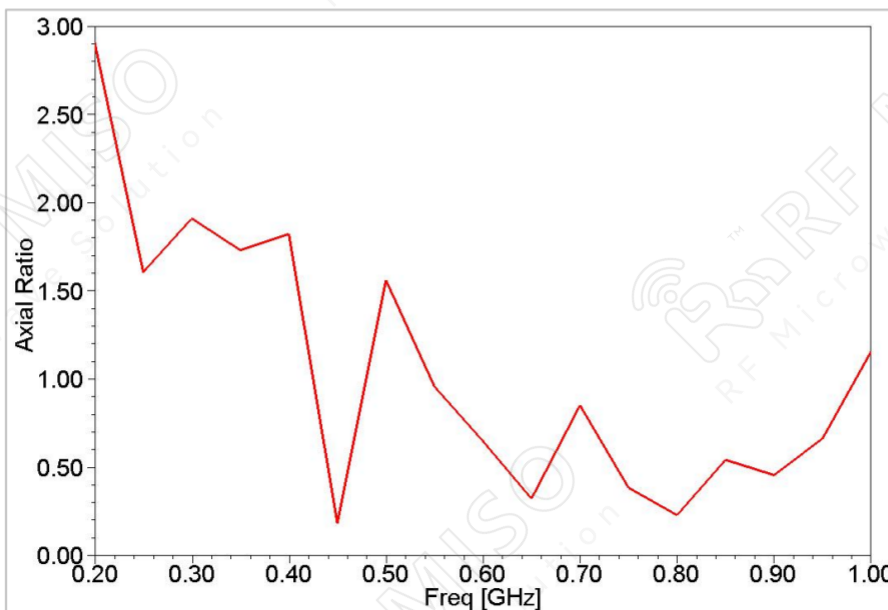
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Simulation Results

VSWR



Axial Ratio



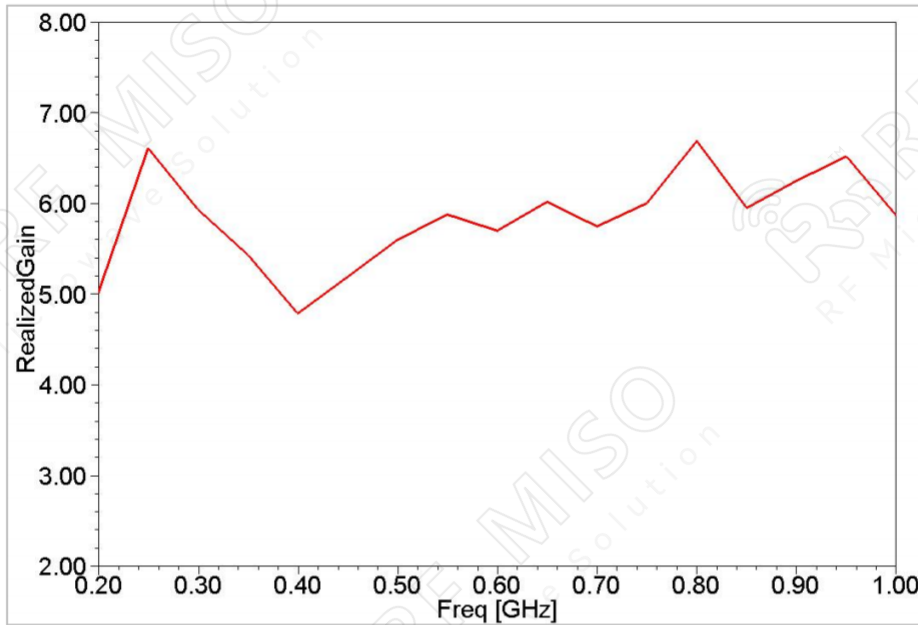
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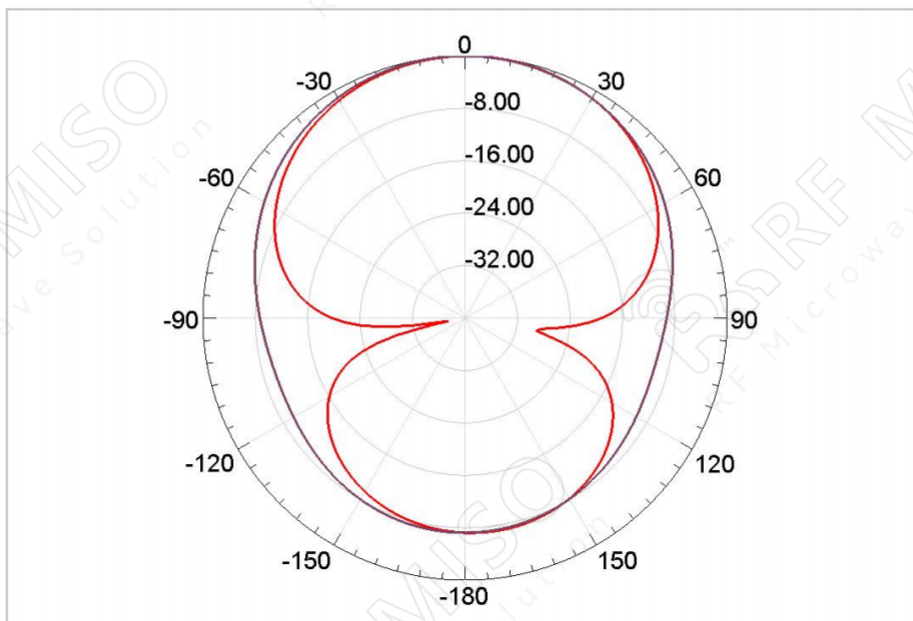
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Gain



Radiation Pattern

0.2 GHz:



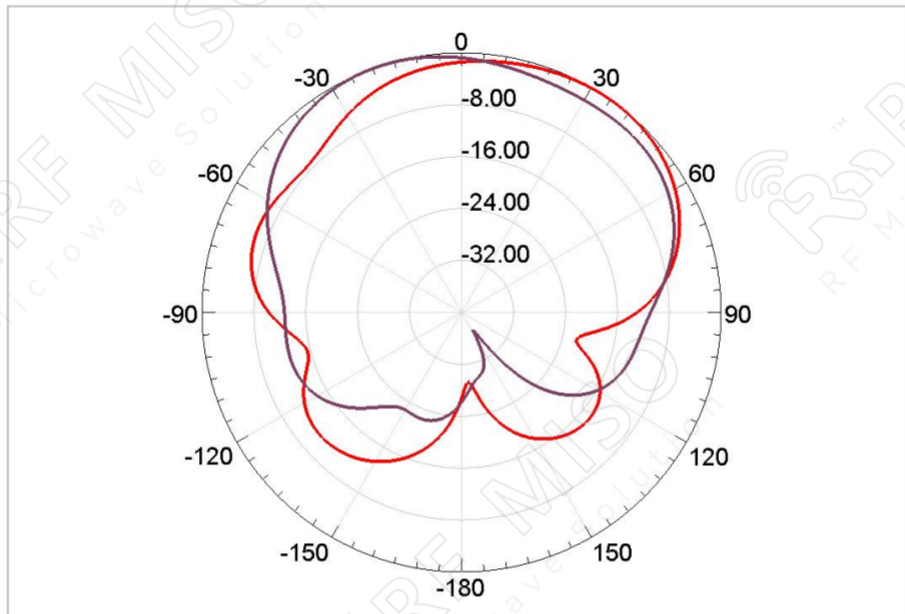


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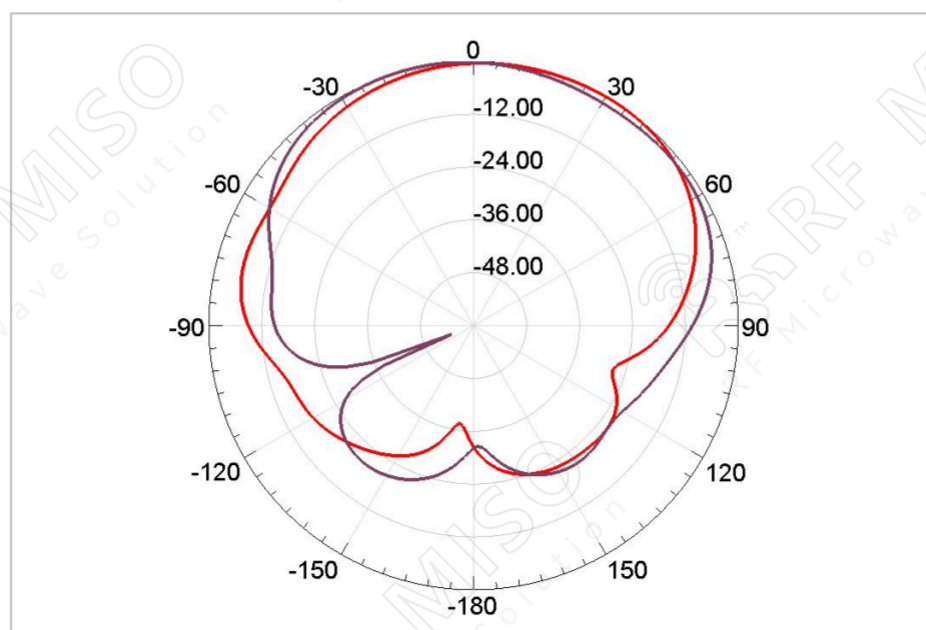
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0.4GHz:



0.6GHz:



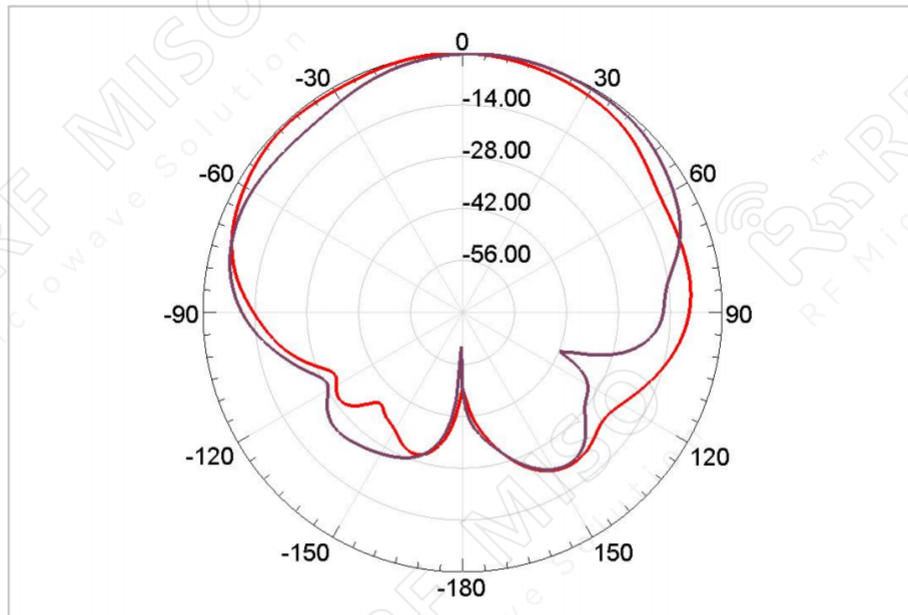


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0.8GHz:



1GHz:

