

*RHCP Log Spiral Antenna 3.5dBi Typ. Gain, 0.1-1 GHz
Frequency Range*

Log Spiral Antenna Data Sheet

RM-LSA011-4R

Specification

RM-LSA011-4R		
Parameters	Typical	Units
Frequency Range	0.1-1	GHz
Impedance	50	ohms
Gain	3.5 Typ.	dBi
VSWR	2.5 Typ.	
Polarization	RH Circular	
Axial Ratio	<3.75	dB
Size	1270*Ø1000(±5)	mm
Connector	SMA-F	
Antenna Weight	14.815	Kg
Weight with Antenna Bracket	26.835	Kg
Antenna Material	Composite Materials	

Note:

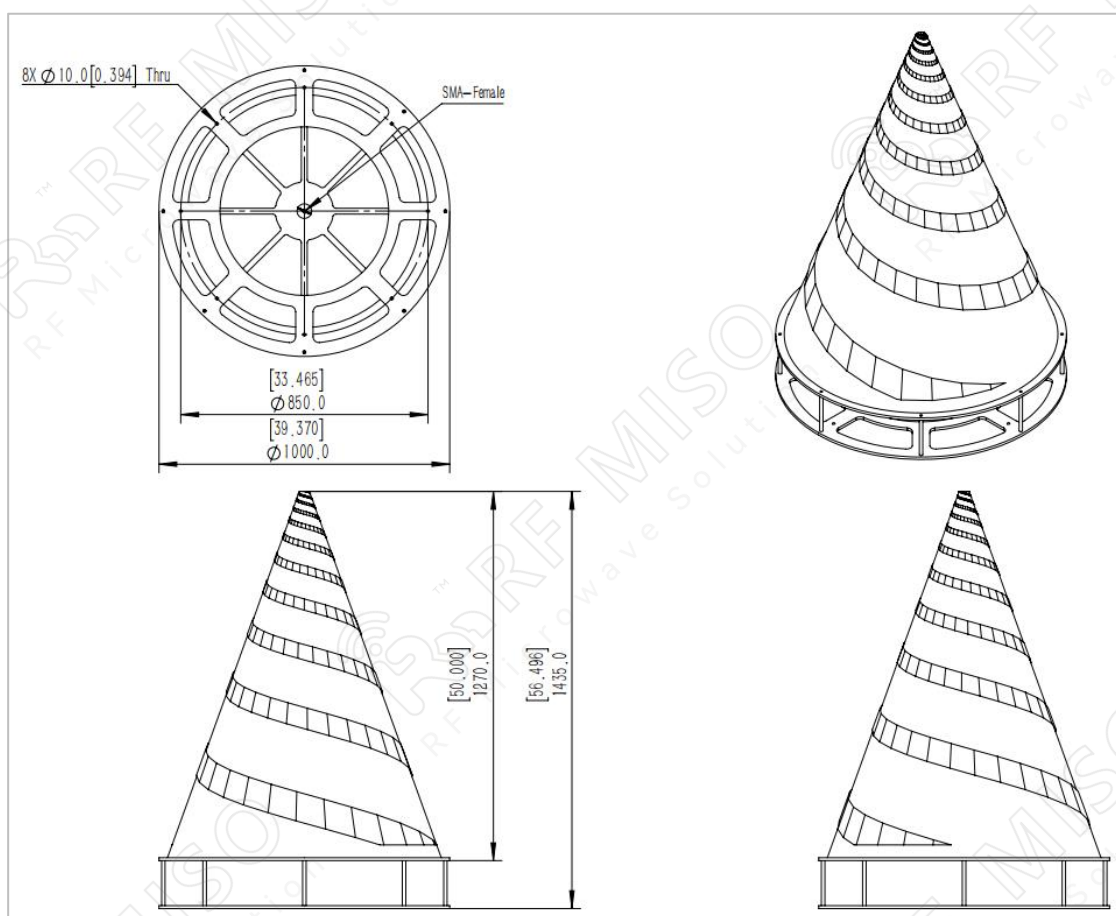
The data for LHCP is the same as RHCP

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Outline Drawing with Antenna Bracket



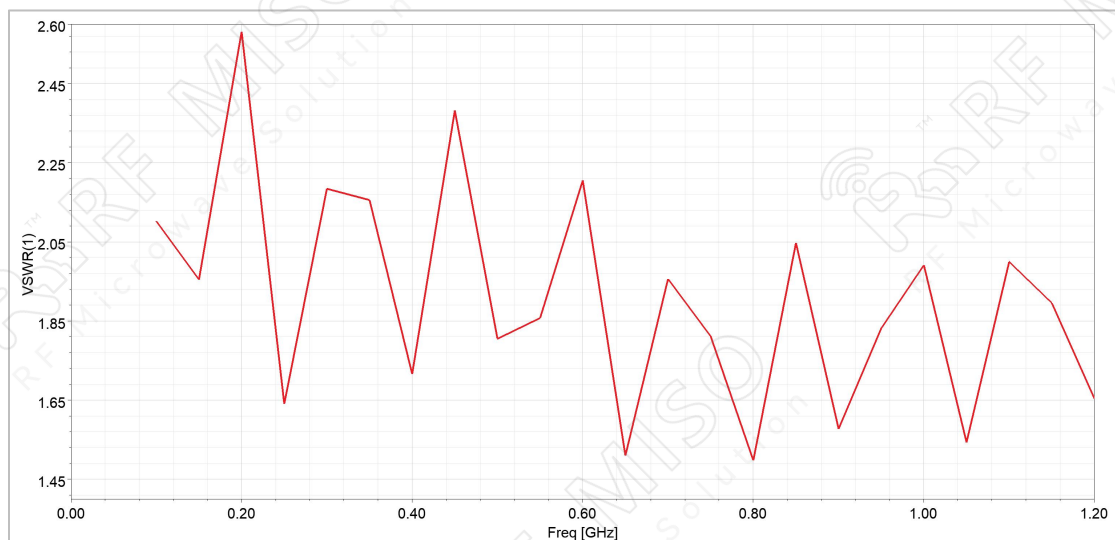
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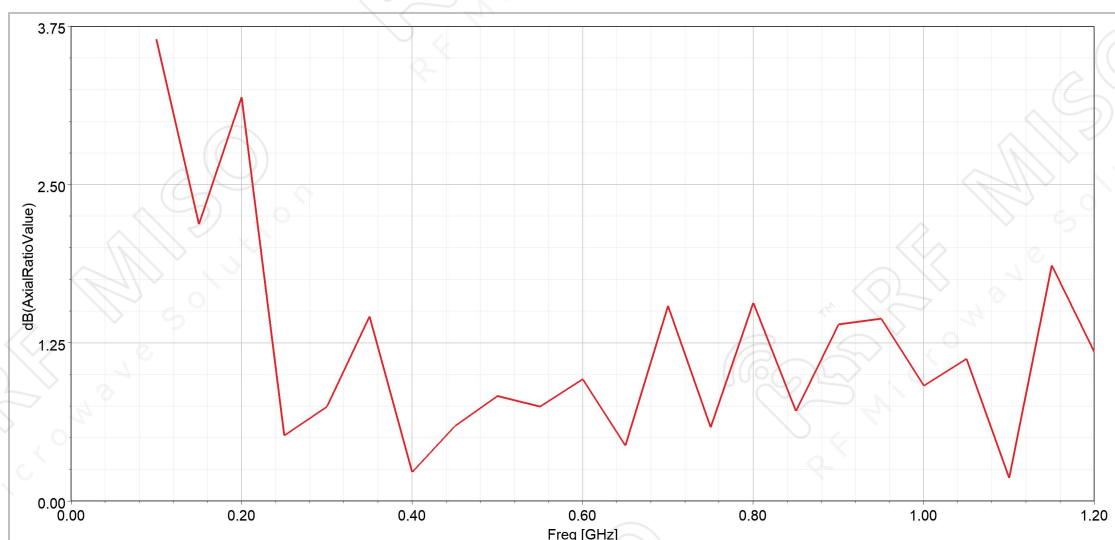
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Simulation Results

VSWR



Axial Ratio

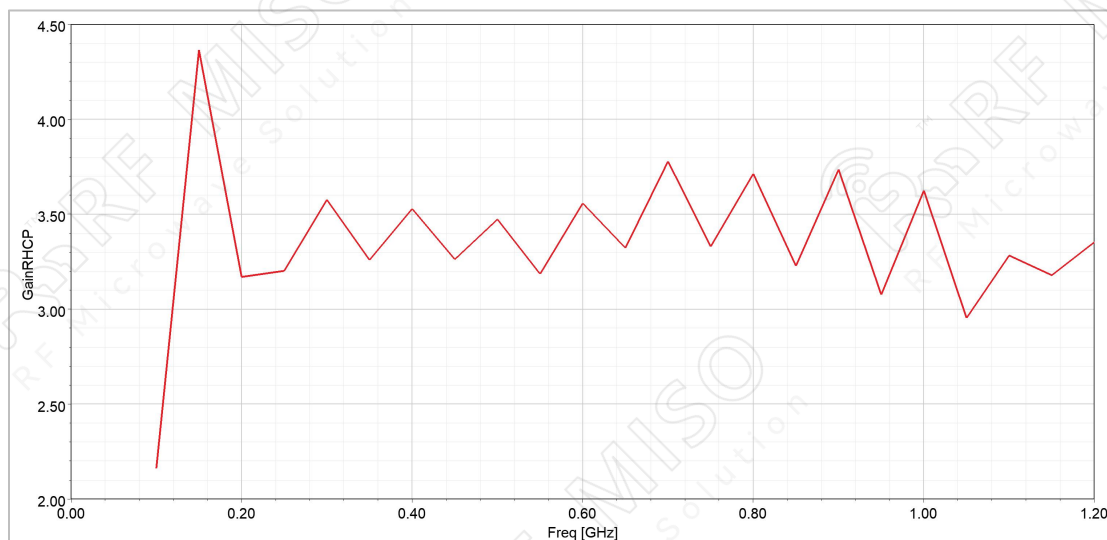


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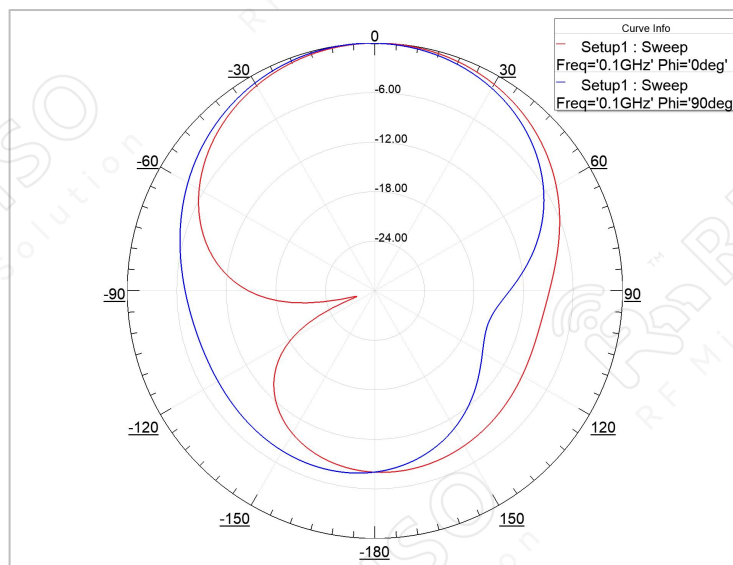
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Gain



Radiation Pattern

0.1 GHz:

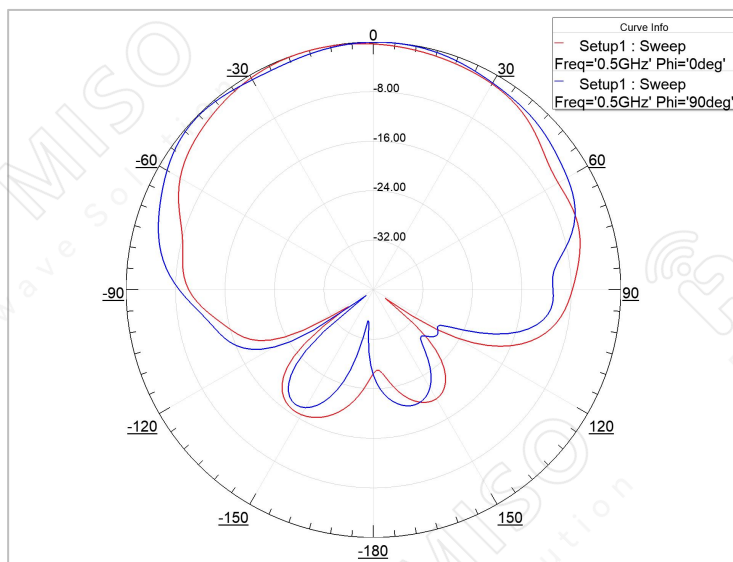


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0.5GHz:



1GHz:

