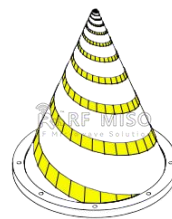


*Log Spiral Antenna 3.6dBi Typ. Gain, 1-12 GHz
Frequency Range*



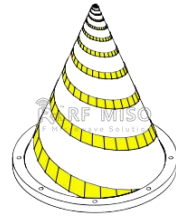
Log Spiral Antenna Data Sheet

RM-LSA112-4R

Specification

RM-LSA112-4R		
Parameters	Typical	Units
Frequency Range	1-12	GHz
Impedance	50ohms	
Gain	3.6 Typ.	dBi
VSWR	1.8 Typ.	
Polarization	RH circular	
Axial Ratio	<2	dB
Size	Φ167*237	mm
Deviation from omni	±4dB	
1GHz Beamwidth 3dB	E plane: 99° H plane: 100.3°	
4GHz Beamwidth 3dB	E plane: 91.2° H plane: 98.2°	
7GHz Beamwidth 3dB	E plane: 122.4° H plane: 111.7°	
11GHz Beamwidth 3dB	E plane: 95° H plane: 139.4°	
Weight	0.527	kg

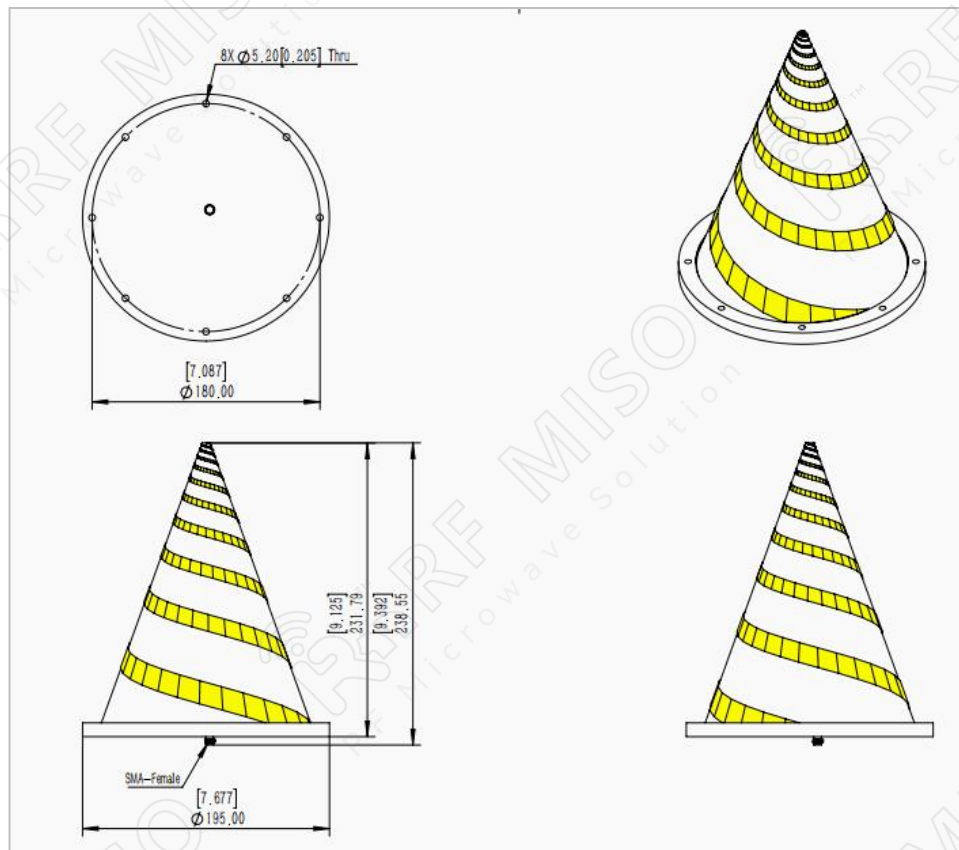
*Log Spiral Antenna 3.6dBi Typ. Gain, 1-12 GHz
Frequency Range*



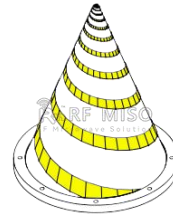
Log Spiral Antenna Data Sheet

RM-LSA112-4R

Outline Drawing



*Log Spiral Antenna 3.6dBi Typ. Gain, 1-12 GHz
Frequency Range*

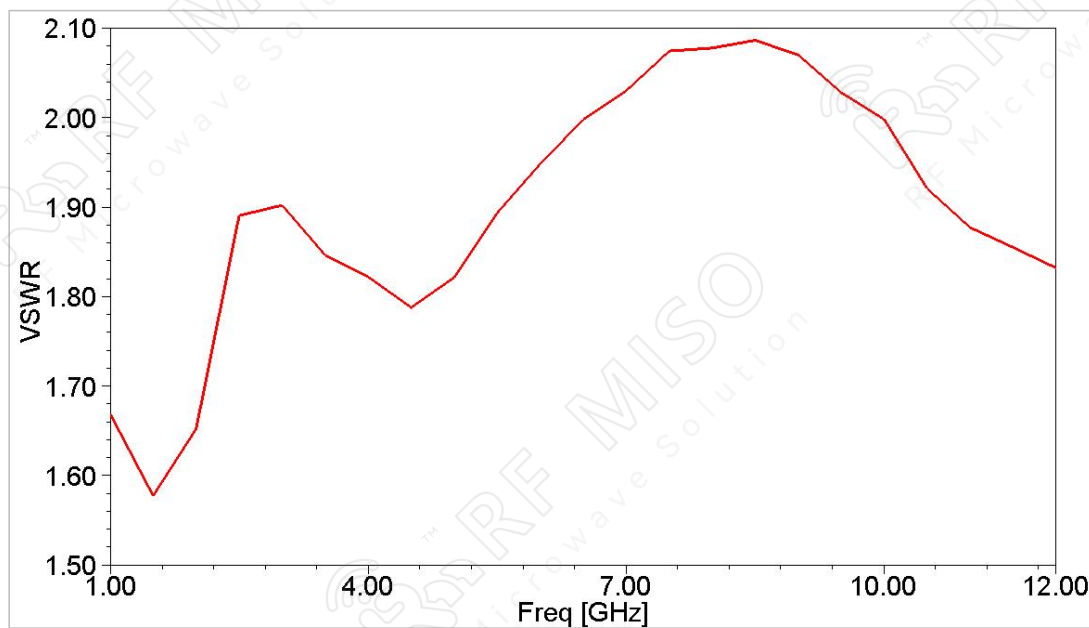


Log Spiral Antenna Data Sheet

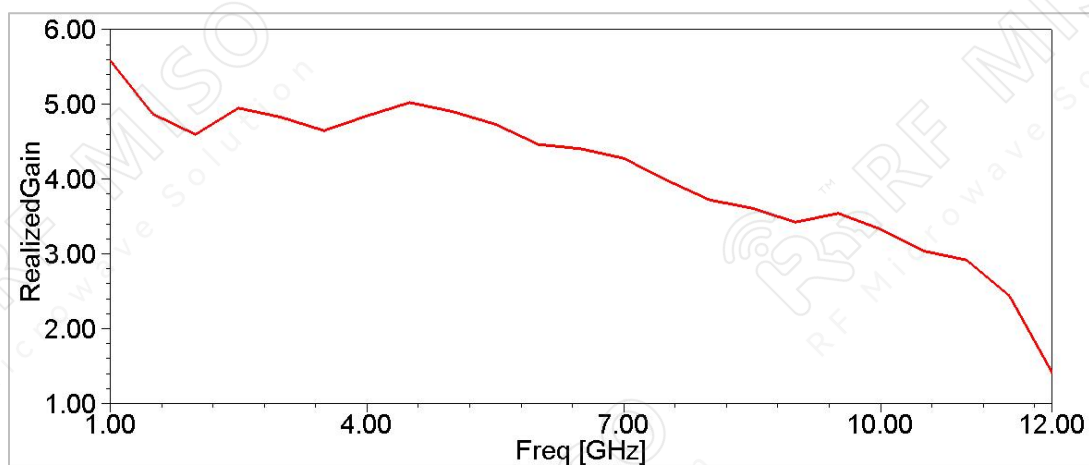
RM-LSA112-4R

Simulation Results

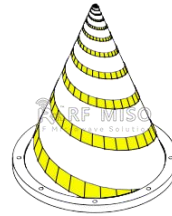
VSWR



Realized Gain Total



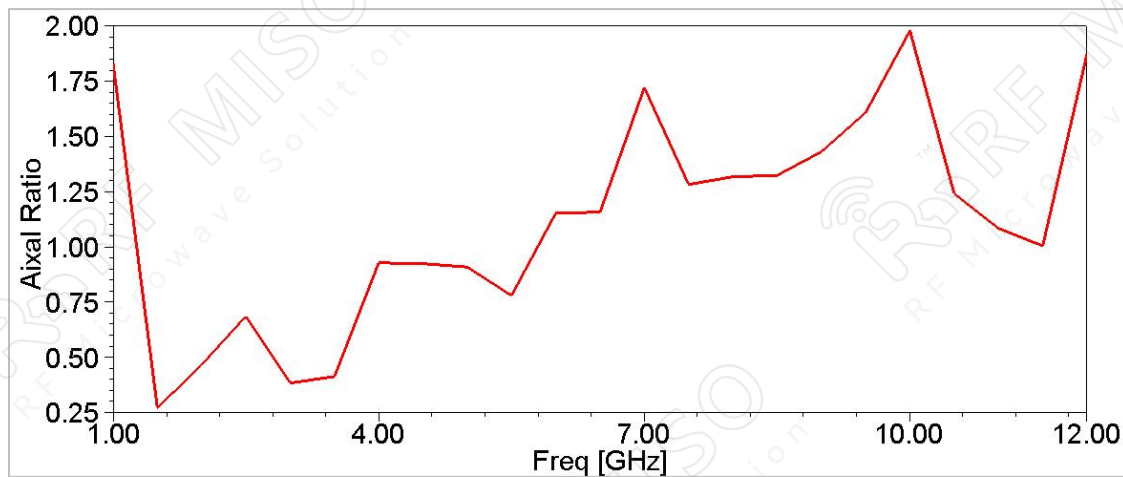
Log Spiral Antenna 3.6dBi Typ. Gain, 1-12 GHz
Frequency Range



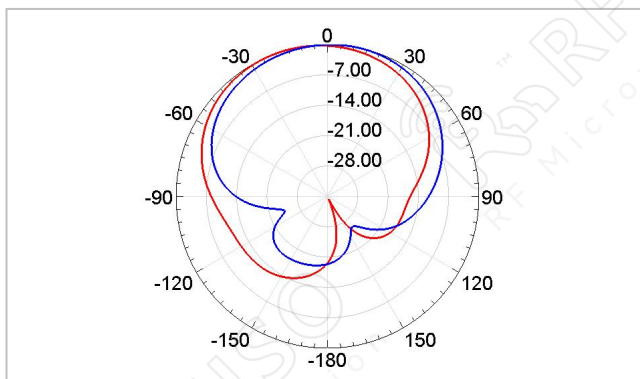
Log Spiral Antenna Data Sheet

RM-LSA112-4R

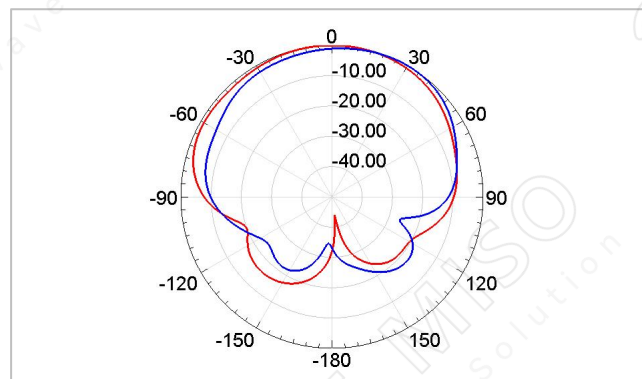
Axial Ratio Value



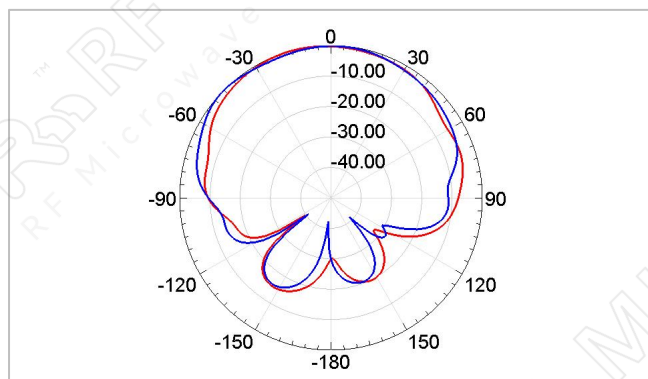
Radiation Pattern



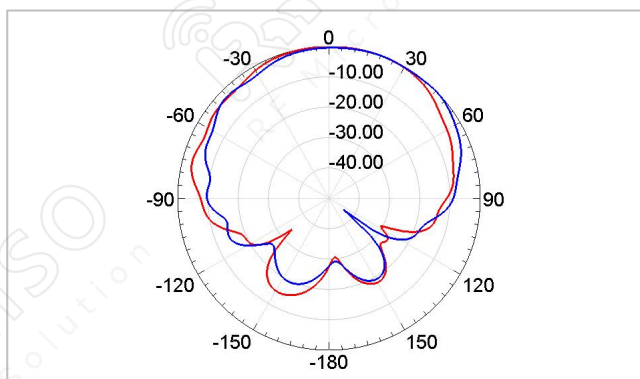
1GHz



2GHz

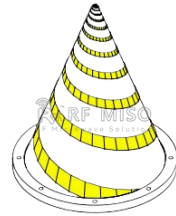


3GHz



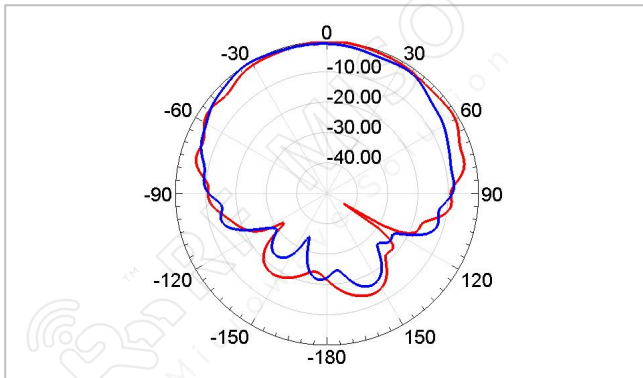
4GHz

*Log Spiral Antenna 3.6dBi Typ. Gain, 1-12 GHz
Frequency Range*

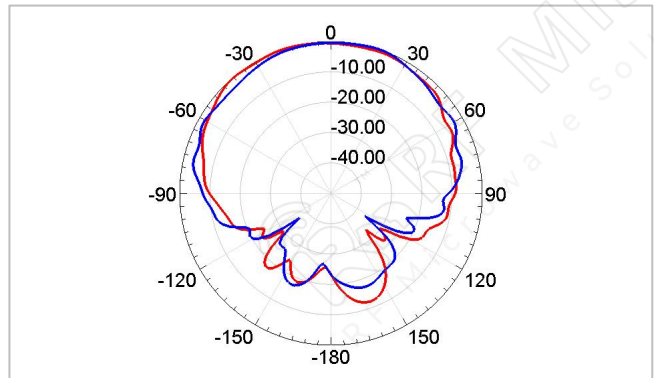


Log Spiral Antenna Data Sheet

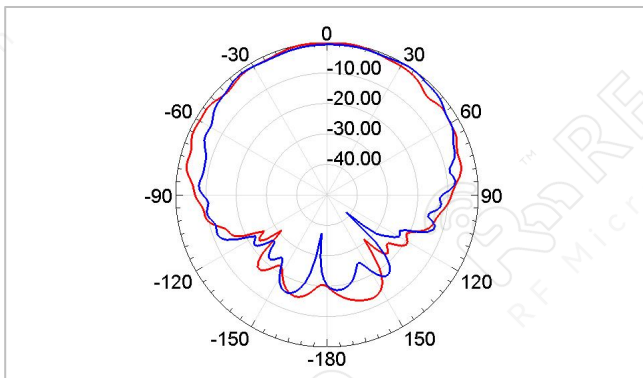
RM-LSA112-4R



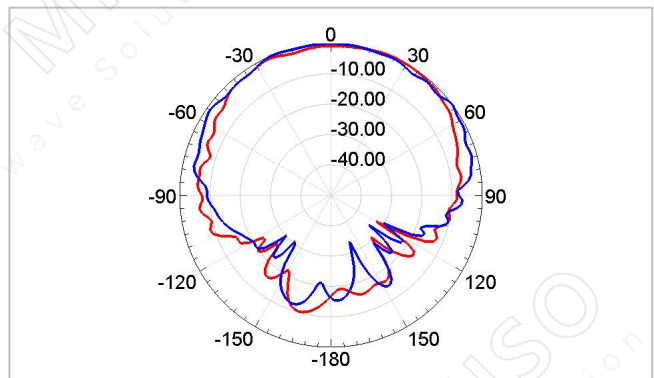
5GHz



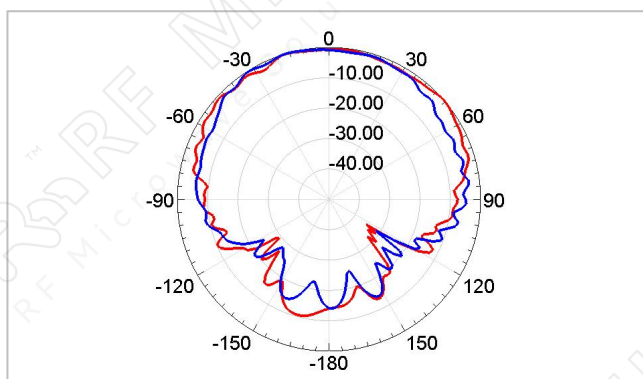
6GHz



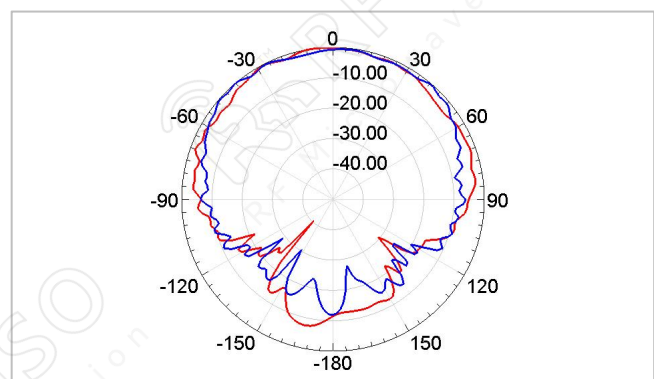
7GHz



8GHz

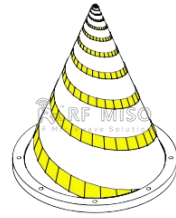


9GHz



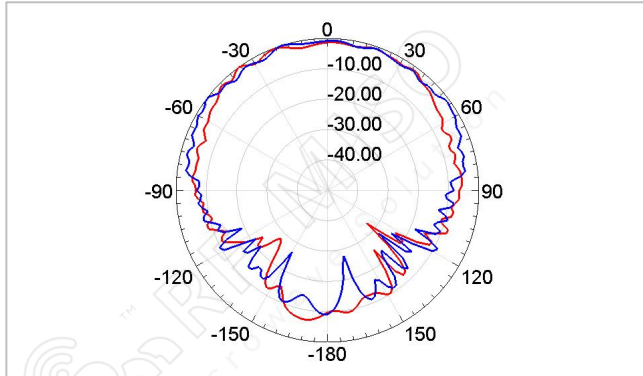
10GHz

*Log Spiral Antenna 3.6dBi Typ. Gain, 1-12 GHz
Frequency Range*

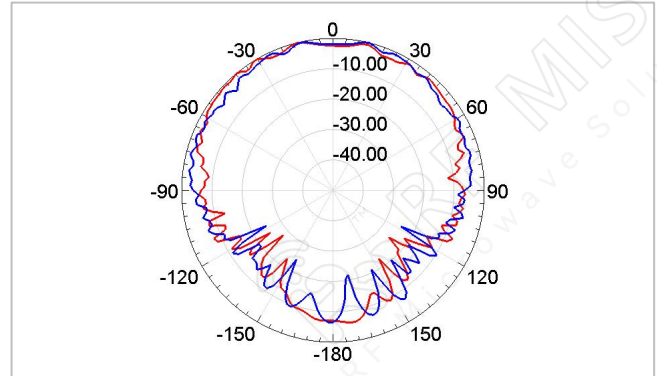


Log Spiral Antenna Data Sheet

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11GH



12GH