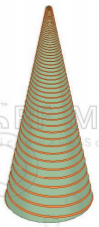
RF MISO
RF Microwave Solution

Log Spiral Antenna 8 dBi Typ. Gain, 1-12 GHz Frequency Range



Log Spiral Antenna Data Sheet RM-LSA112-8

Specification

RM-LSA112-8			
Parameters	Typical		Units
Frequency Range	1-12		GHz
Impedance	50ohms		
Gain	8 Typ.		dBi
VSWR	<2.5		
Polarization	RH circular		
Axial Ratio	<2		dB
Size	Φ155*420		mm
Deviation from omni	±3dB		
1GHz Beamwidth 3dB	E plane: 81.47°	H plane: 80.8°	
4GHz Beamwidth 3dB	E plane: 64.92°	H plane: 72.04°	
7GHz Beamwidth 3dB	E plane: 71.67°	H plane: 67.5°	
11GHz Beamwidth 3dB	E plane: 73.66°	H plane: 105.89°	

Website: www.rf-miso.com **Email**: info@rf-miso.com **Tel**: +86 028 82695327

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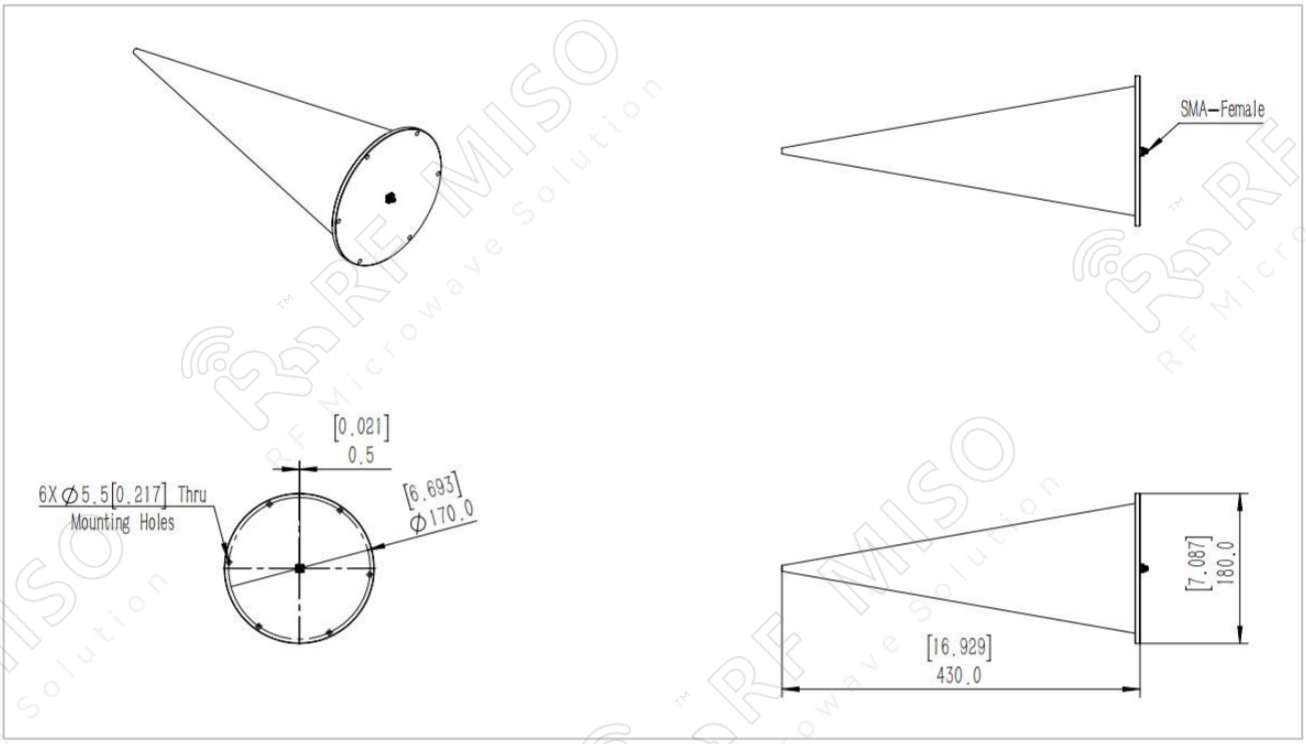
Outline Drawing



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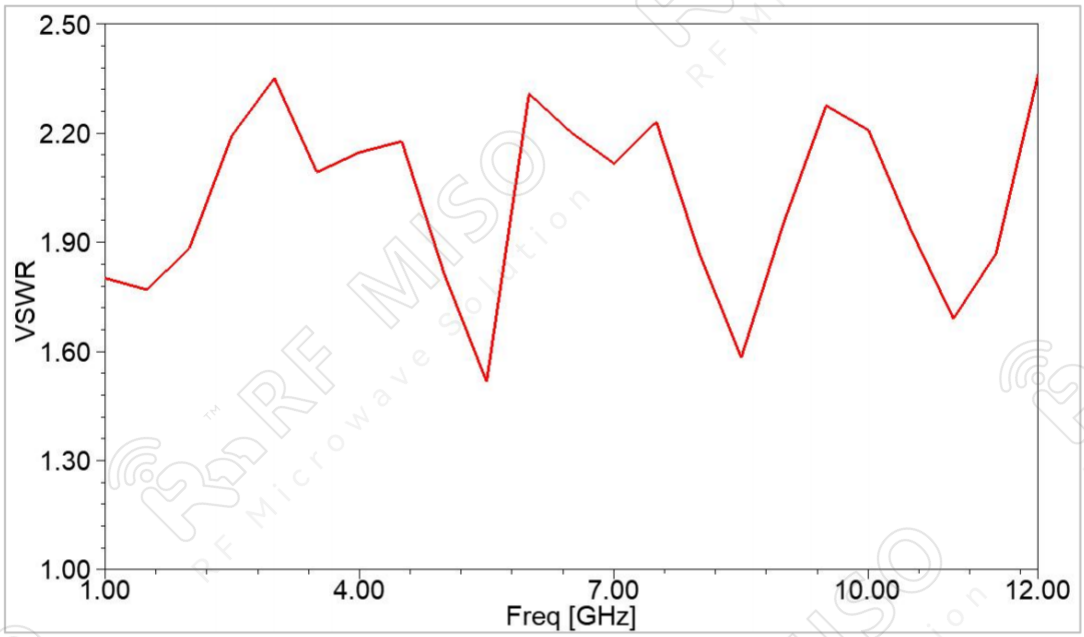
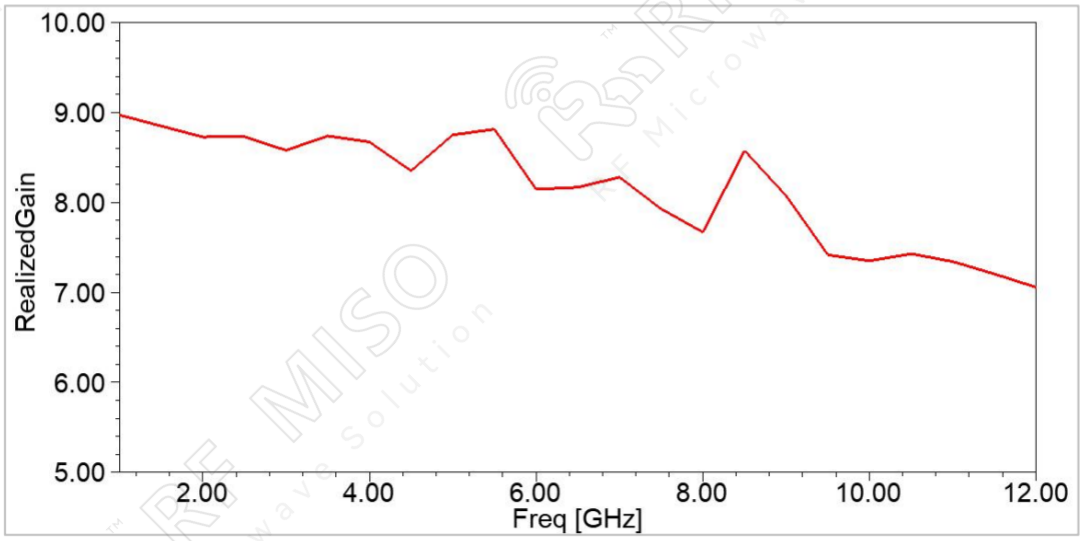
Simulation Results

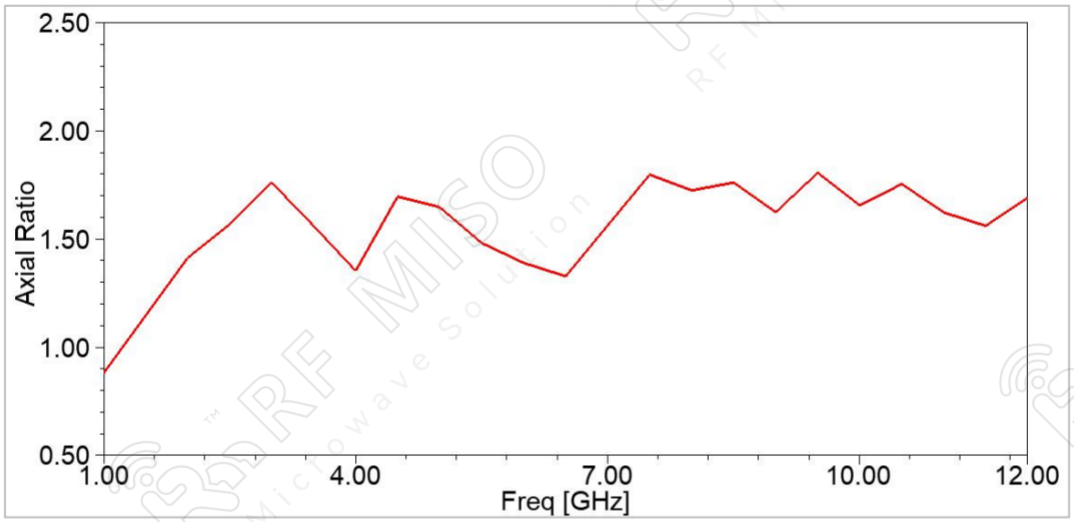
VSWR



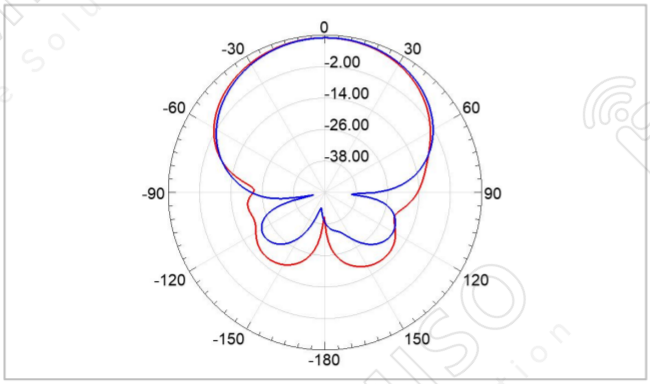
Realized Gain Total



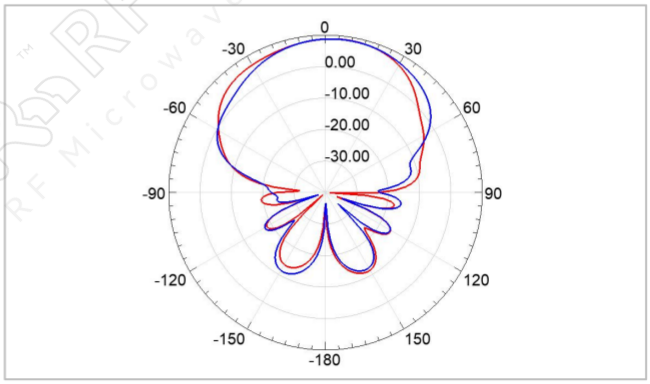
Axial Ratio Value



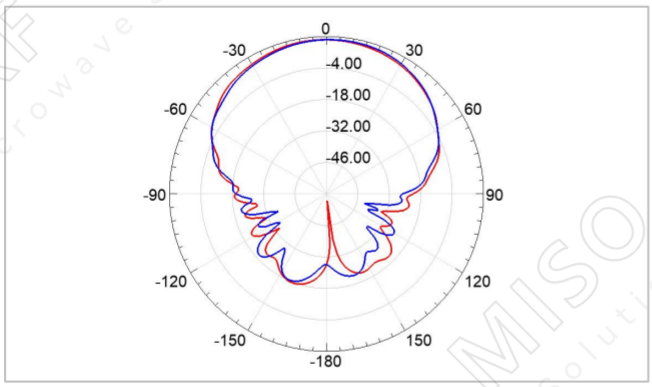
Radiation Pattern



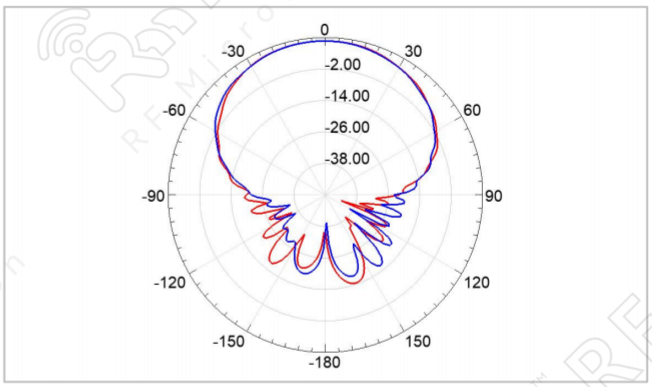
1GHz



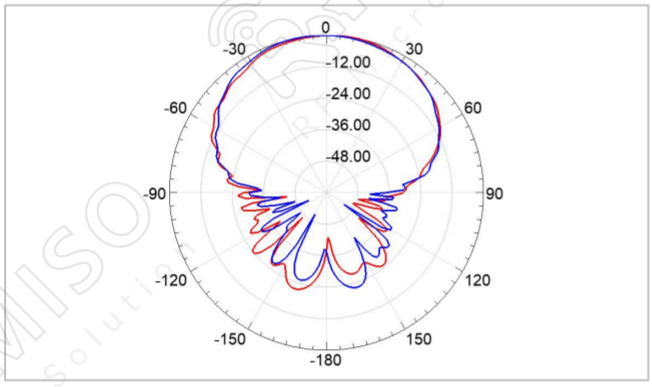
2GHz



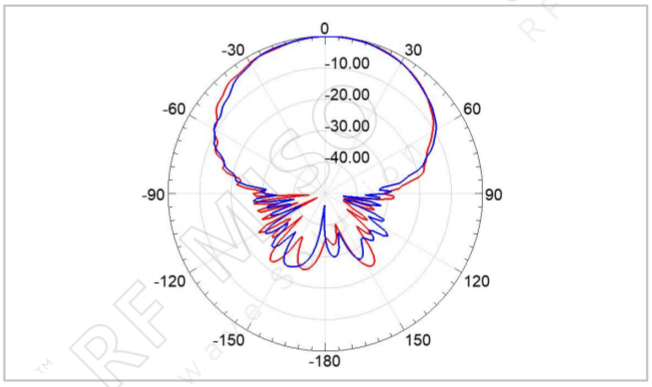
3GHz



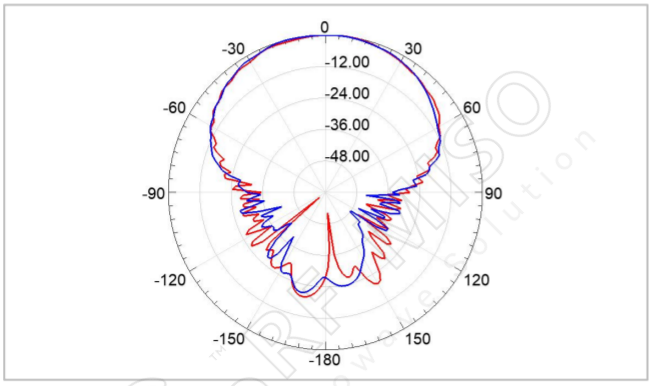
4GHz



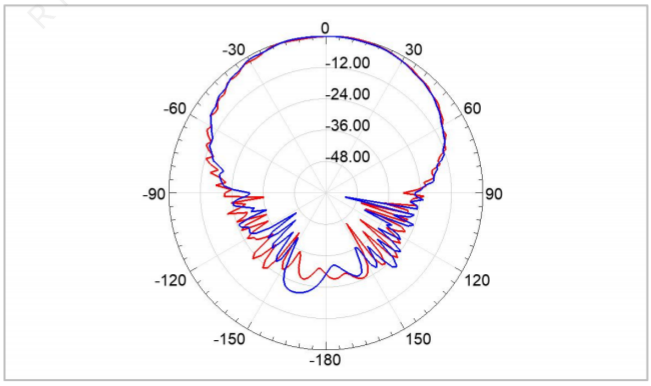
5GHz



6GHz



7GHz



8GHz

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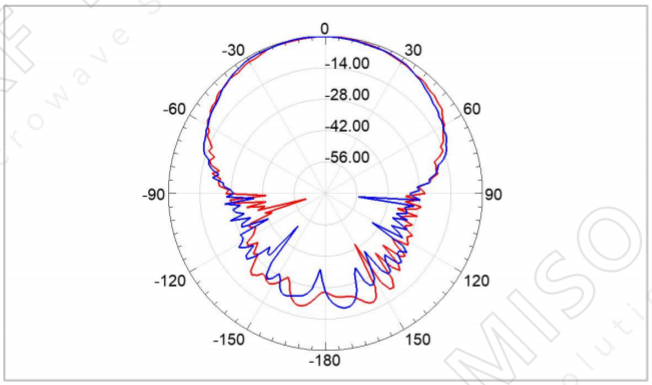
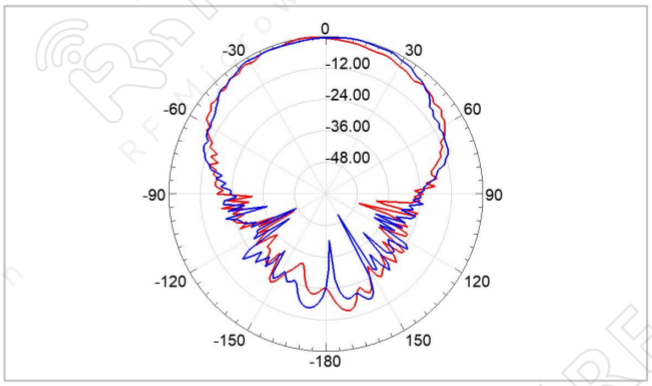
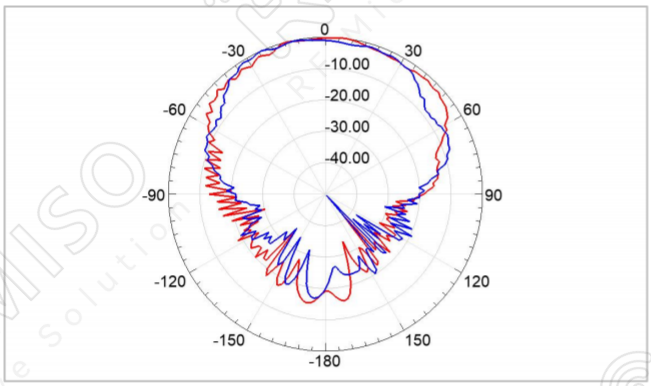


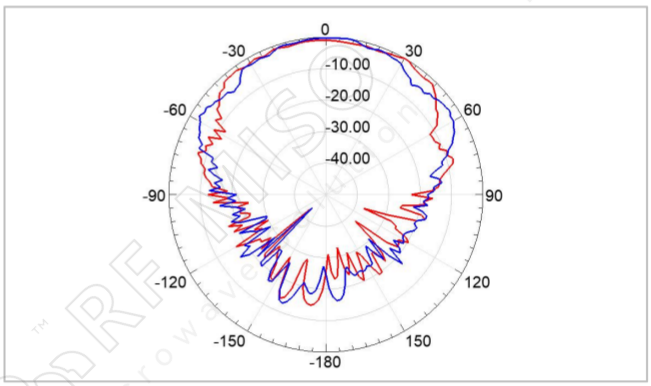
9GHz



10GH



11GH



12GH