

*Right-Hand Circular Polarization Planar Spiral Antenna
3 dBi Typ. Gain, 0.5-6 GHz Frequency Range*

Planar Spiral Antenna Data Sheet

RM-PSA056-3

Descriptions

RF MISO's **Model RM-PSA056-3** is a right-hand circular planar spiral antenna that operates from 0.5-6GHz. The antenna offers a gain 3 dBi Typ. and low VSWR 1.5:1 Typ. with SMA-K connector. It designed for EMC, reconnaissance, orientation, remote sensing, and flush mounted vehicle applications. These helical antennas can be used as separate antenna components or as feeders for reflector satellite antennas.

Specifications

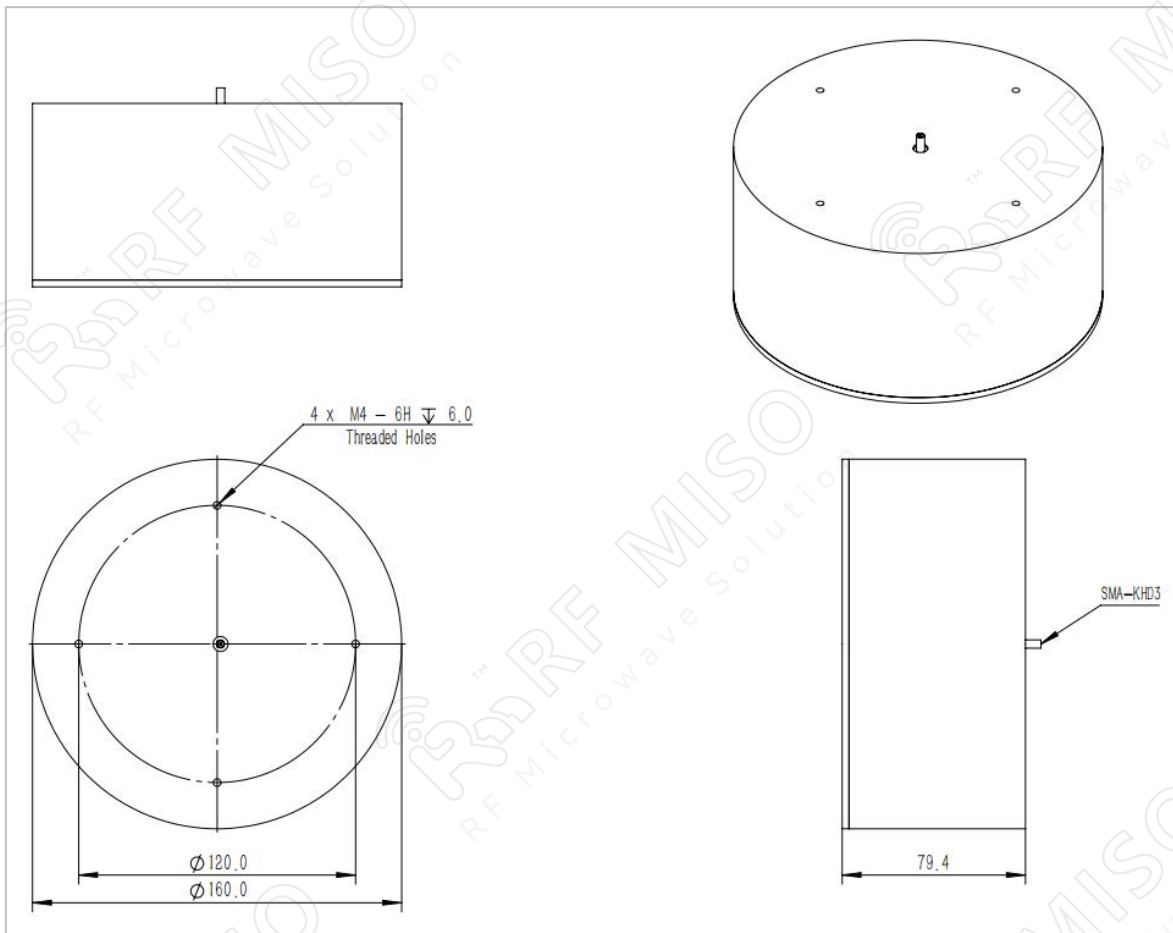
RM-PSA056-3		
Parameters	Typical	Units
Frequency Range	0.5-6	GHz
Gain	3 Typ.	dBi
VSWR	1.5 Typ.	
AR	2 Typ.	dB
Polarization	R-H Circular Polarization	
Connector	SMA-KHD3	
Material	Al	
Finishing	Paint Black	
Size(L*W*H)	Ø160*79.4(±5)	mm
Weight	1.128	kg
Antenna Cover	Yes	
Waterproof	Yes	

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Outline Drawing



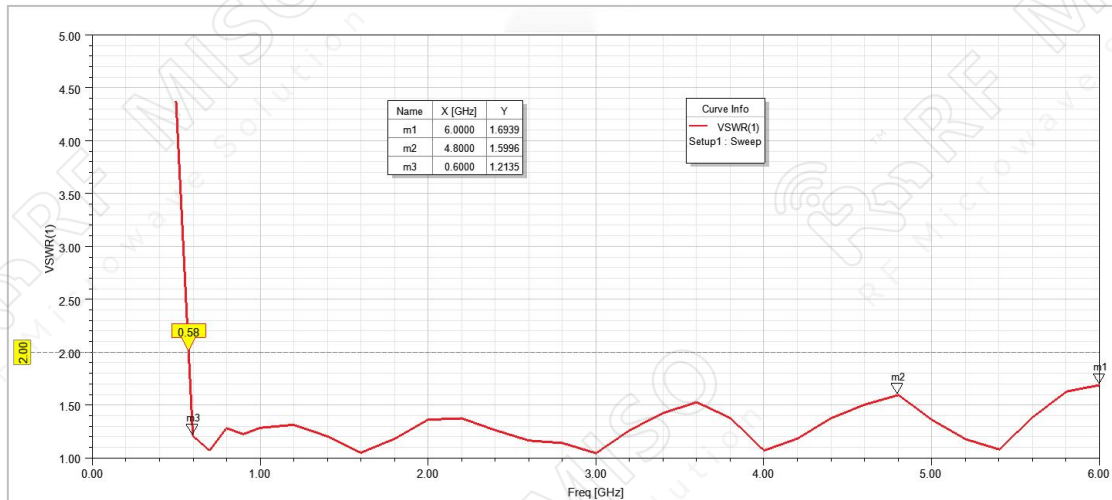
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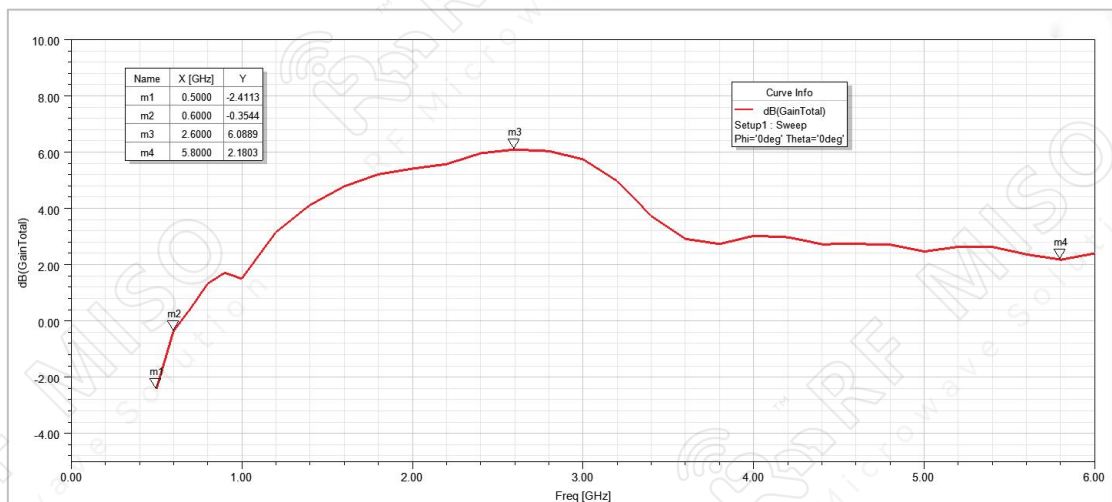
RM-PSA056-3

Simulation Data

VSWR



Gain

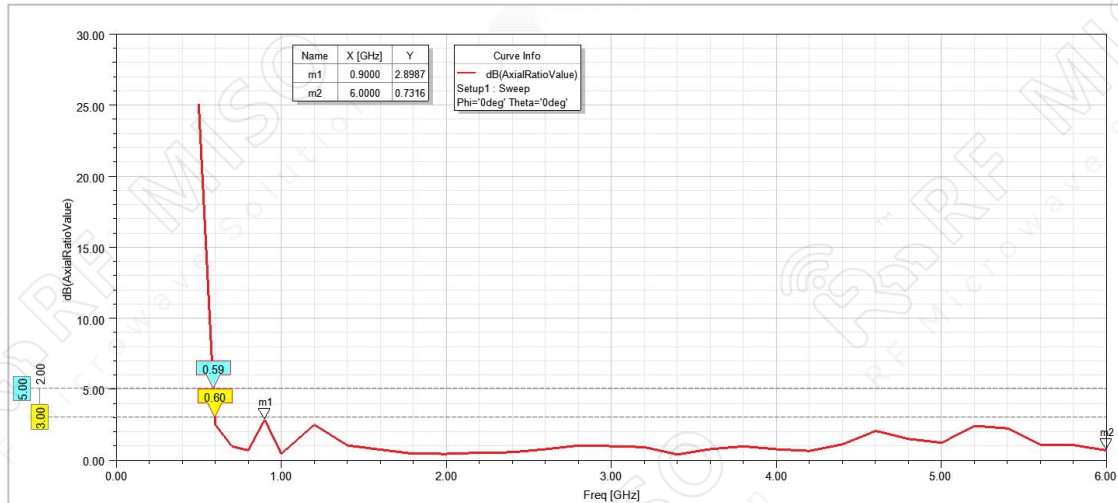


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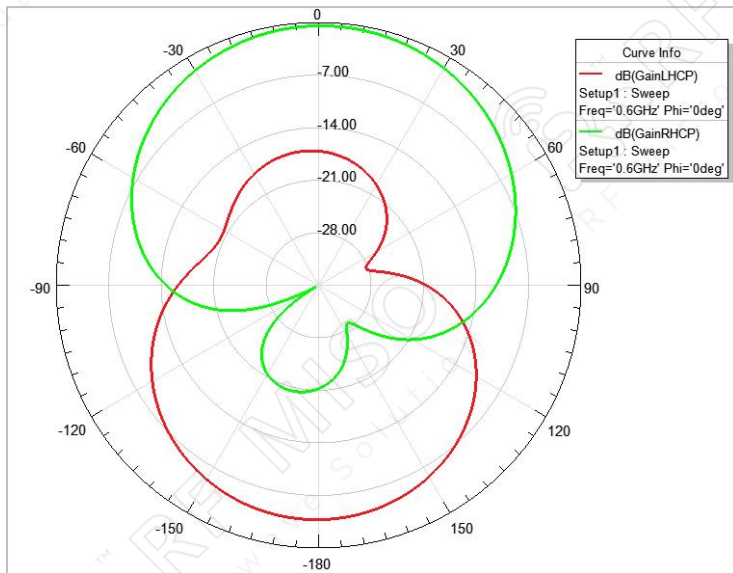
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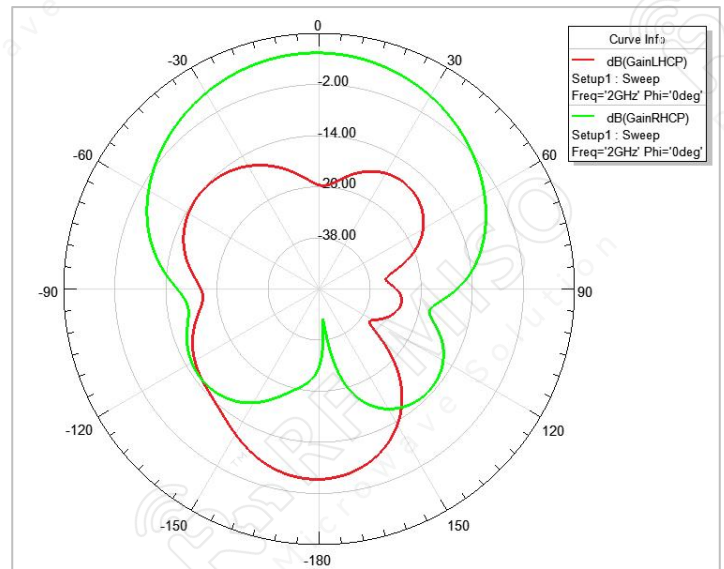
AR



Pattern



0.6 GHz

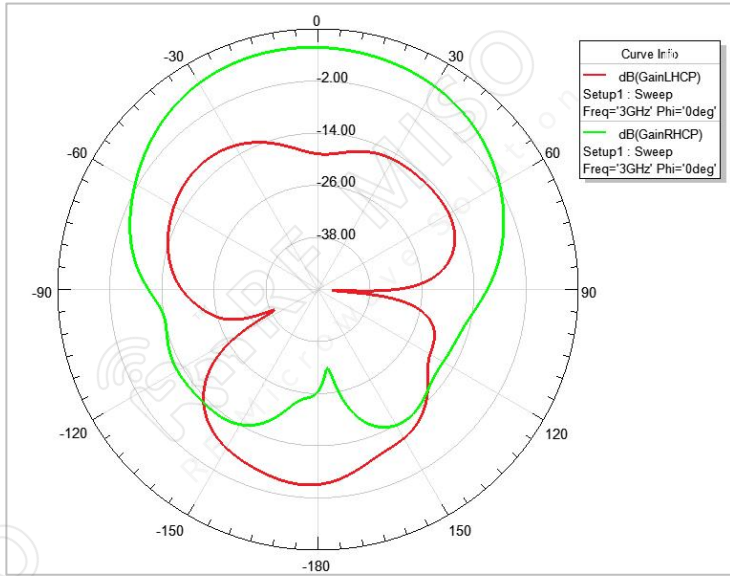


2 GHz

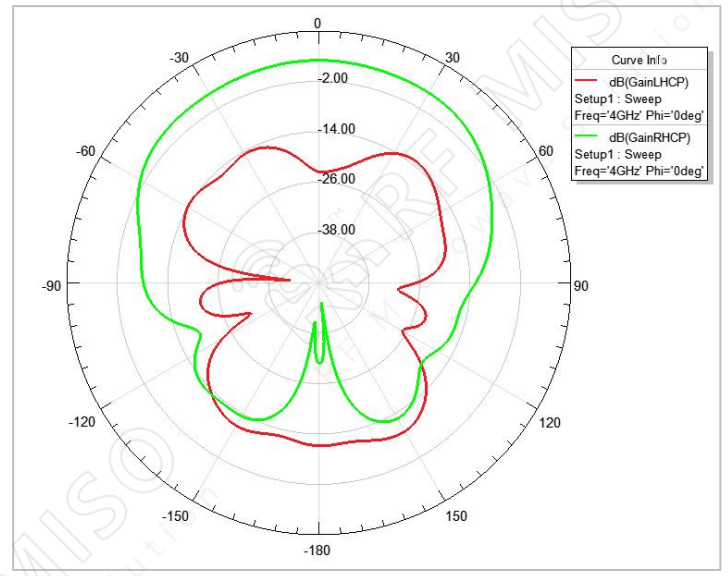
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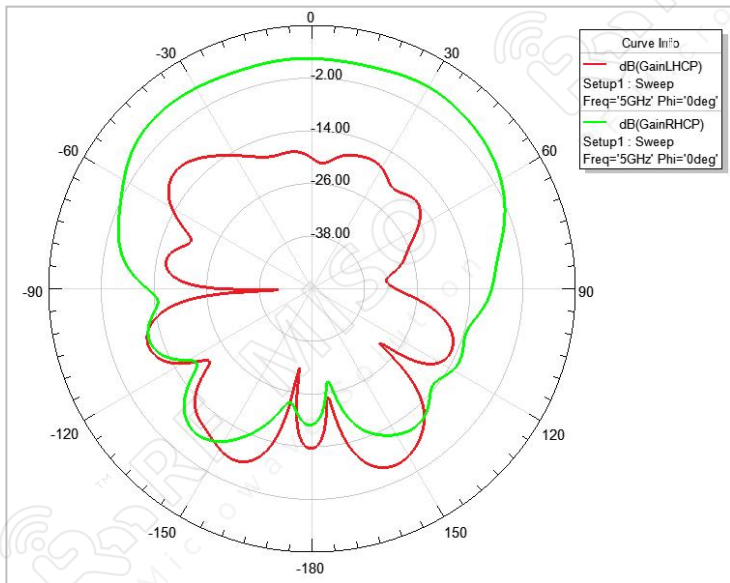
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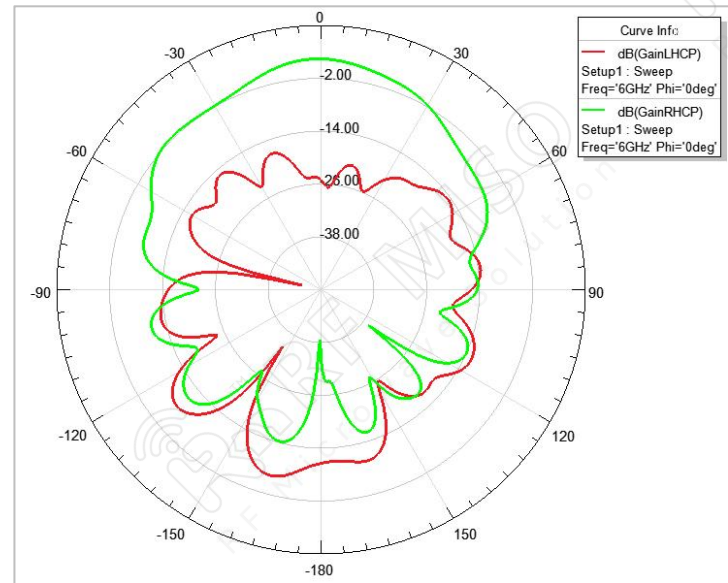
3 GHz



4 GHz



5 GHz



6 GHz