

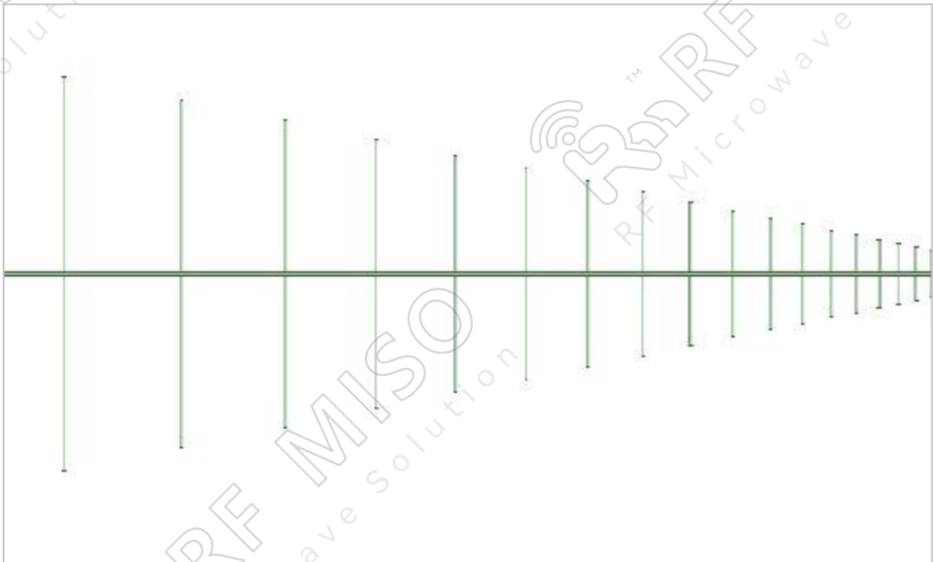
Log Periodic Antenna 9dBi Typ. Gain, 0.3-2GHz
Frequency Range

Log Periodic Antenna Data Sheet

Specifications

RM-LPA032-9		
Parameters	Specifications	Units
Frequency Range	0.3-2	GHz
Gain	9 Typ.	dBi
VSWR	1.2 Typ.	
Polarization	Linear-polarized	
Size	2034*840	mm

Outline Drawing

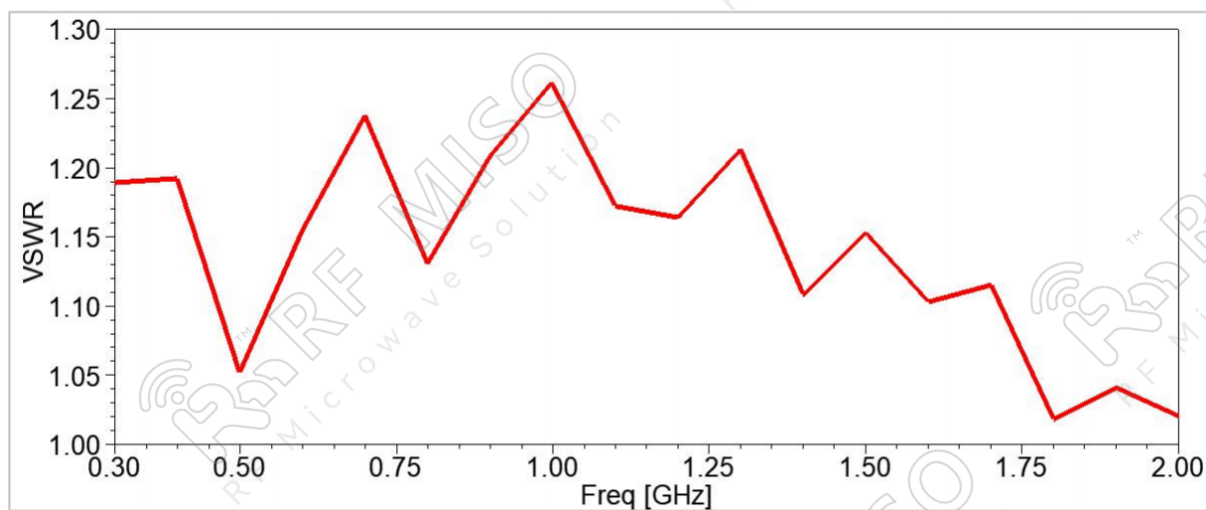


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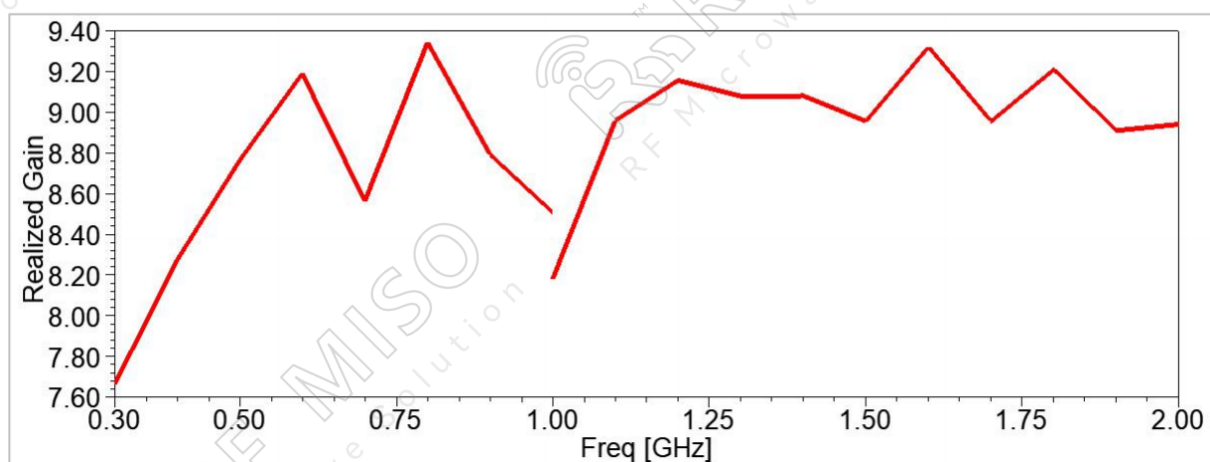
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Simulation results:

VSWR



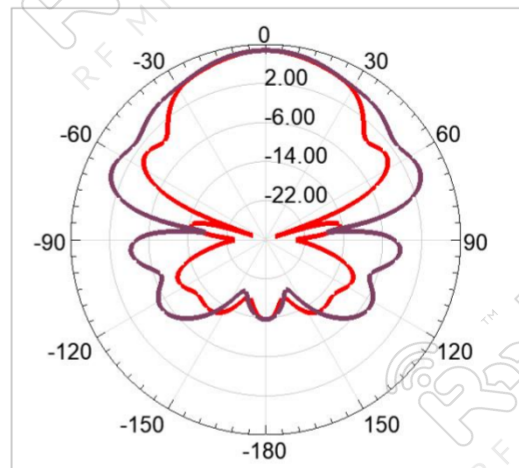
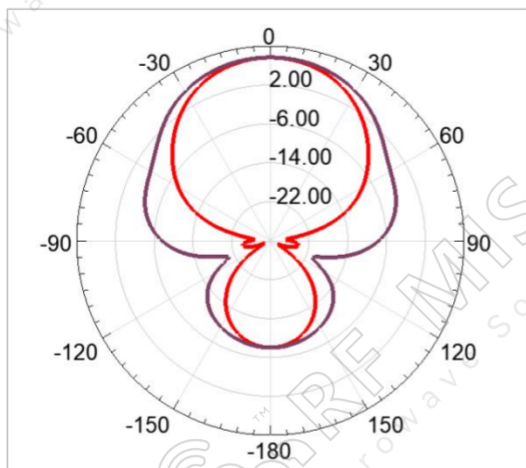
Gain



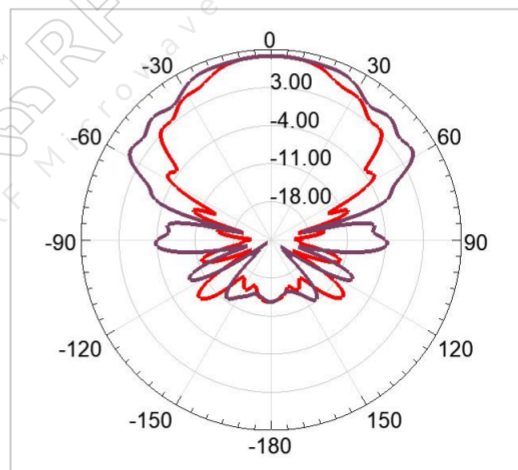
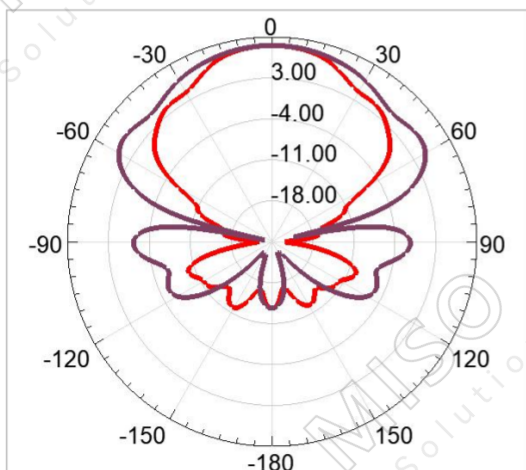
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Gain Pattern



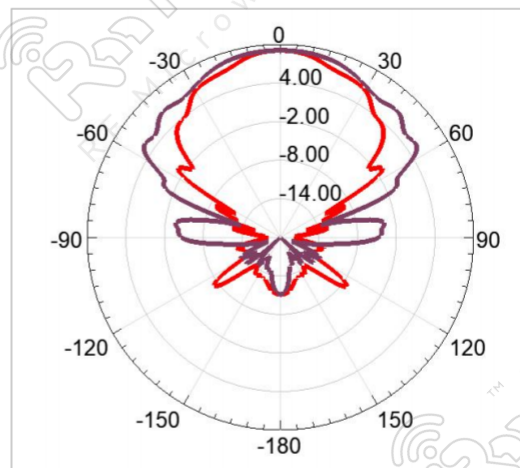
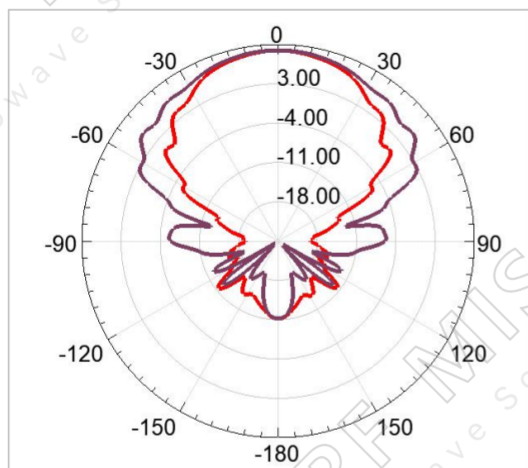
Frequency Range		0.3G	0.5G
3dB Beamwidth(deg)	E-plane	51.83	57.91
	H-plane	67.09	68.03



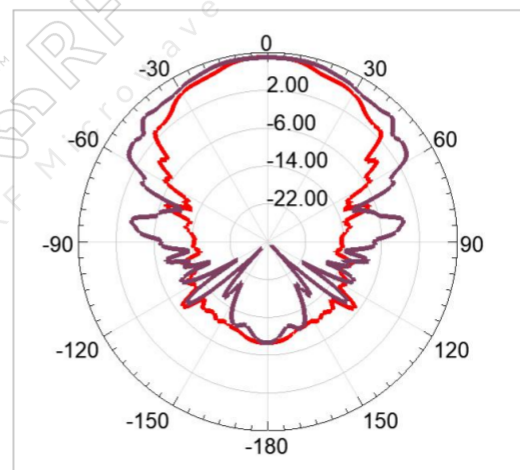
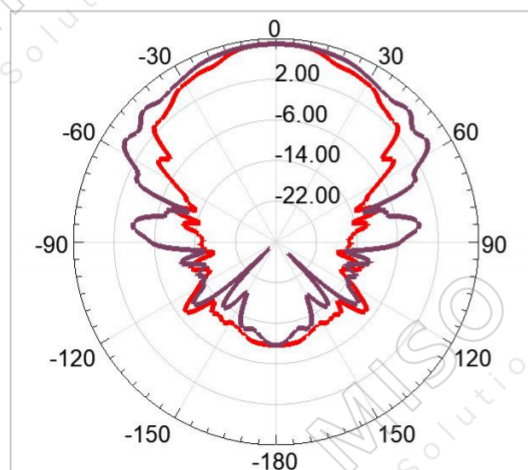
Frequency Range		0.7G	0.9G
3dB Beamwidth (deg)	E-plane	48.95	56.76
	H-plane	76.58	69.04

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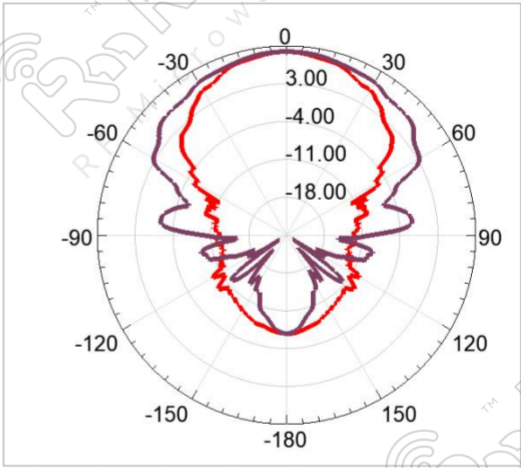
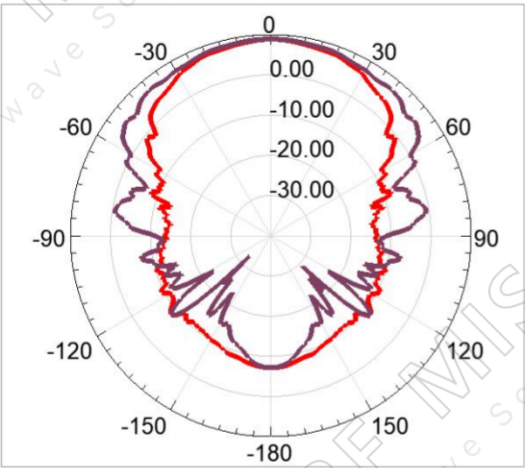
Frequency Range		1.1G	1.3G
3dBBeamwidth(deg)	E-Plane	56.88	62.40
	H-Plane	85.19	92.98



Frequency Range		1.5G	1.7G
3dBBeamwidth(deg)	E-Plane	59.59	61.95
	H-Plane	96.05	94.45

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Frequency Range		1.9G	2G
3dBBeamwidth(deg)	E-Plane	61.06	60.43
	H-Plane	91.74	97.95