

Bi-conical Antenna
2 dBi Typ. Gain, 0.4-5GHz Frequency Range

Bi-conical Antenna Data Sheet

RM-BCA045-2

Description

RF MISO's **Model RM-BCA045-2** is a vertical linear polarization biconical antenna that operates from 0.4-5GHz. The antenna offers a gain 2 dBi Typ. and low VSWR 1.5:1 with SMA-Female connector. It's suitable for EMC testing, broadband communications and signal monitoring, as well as system integration and measurement.

Specifications

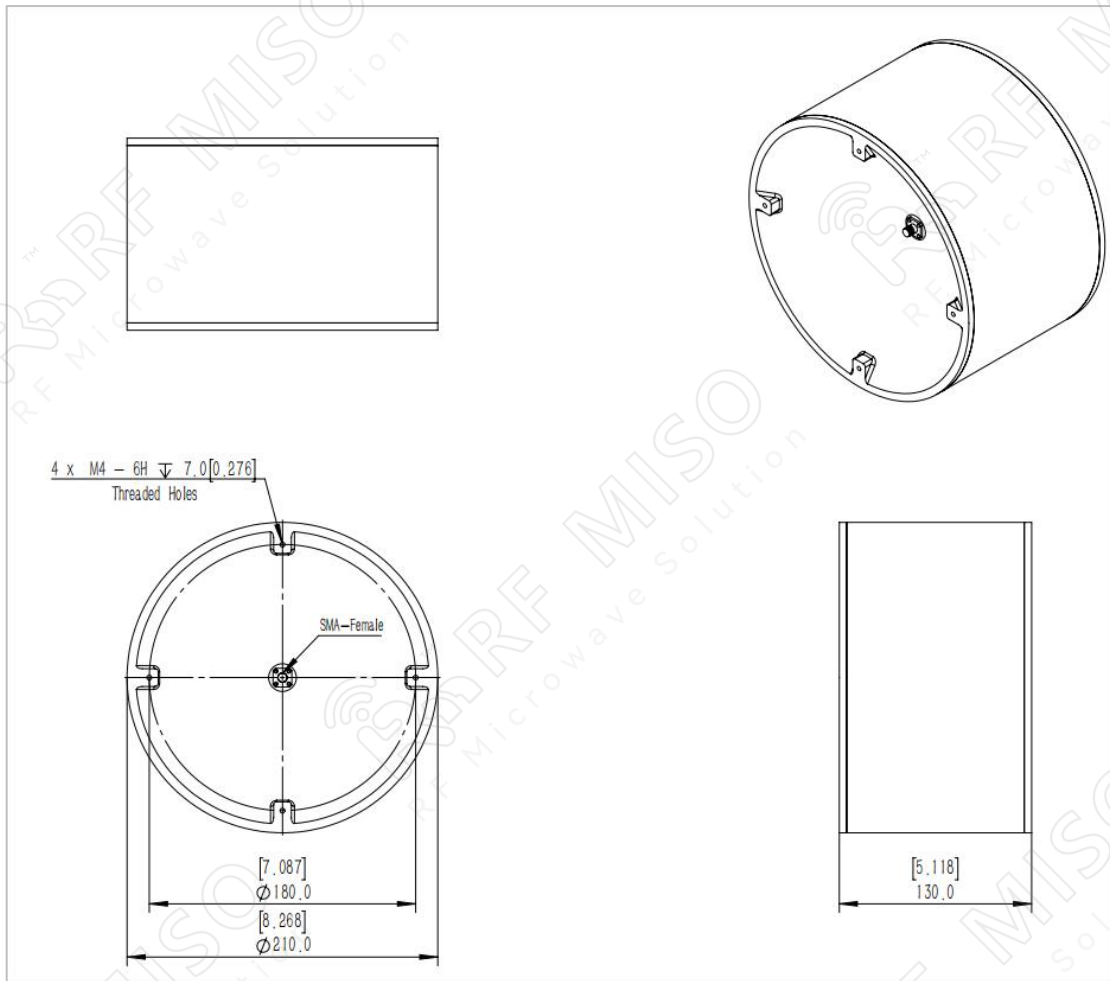
RM-BCA045-2			
Item	Specification		Units
Frequency Range	0.4-5		GHz
Gain	2 Typ.		dBi
VSWR	1.5 Typ.		
Polarization Mode	Vertical Linear		
3dB Beamwidth	32.13~132.94		°
Connector	SMA-Female		
Finishing	Paint		
Material	Al		dB
Size(L*W*H)	Ø210*30(±5)		mm
Weight	1.336		kg
Power Handling	CW:50	Peak:100	W

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Outline Drawing



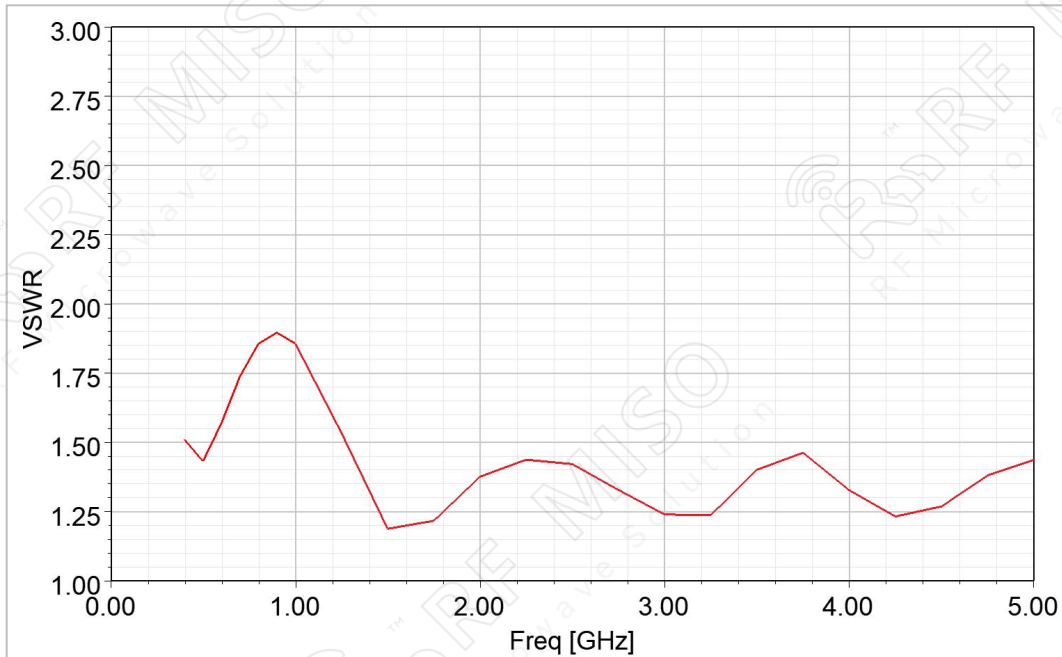
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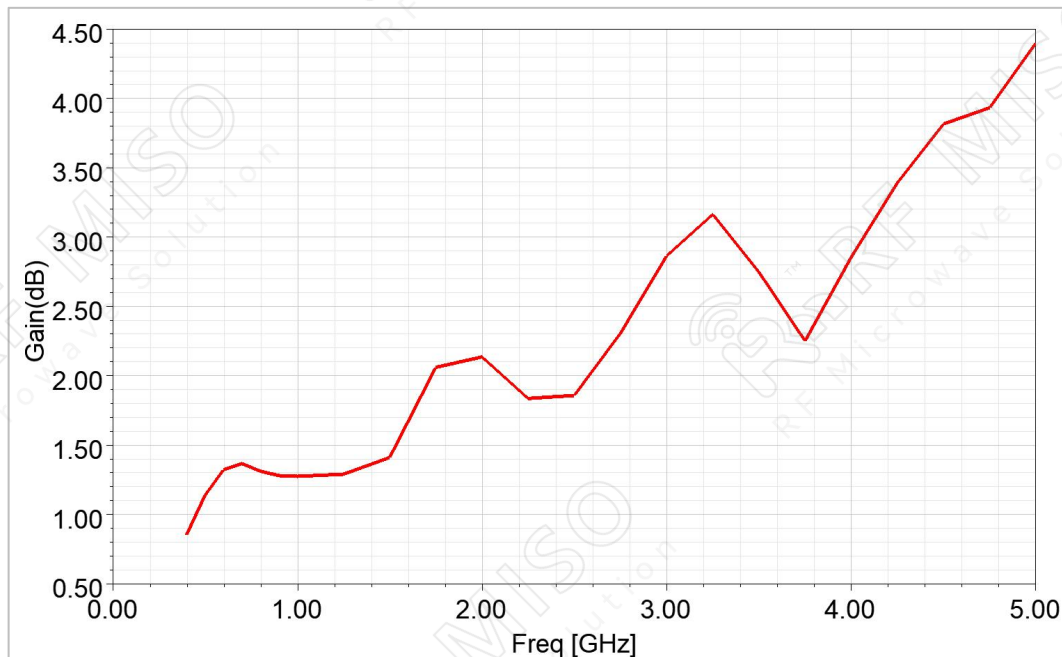
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Simulation Results

VSWR



Gain

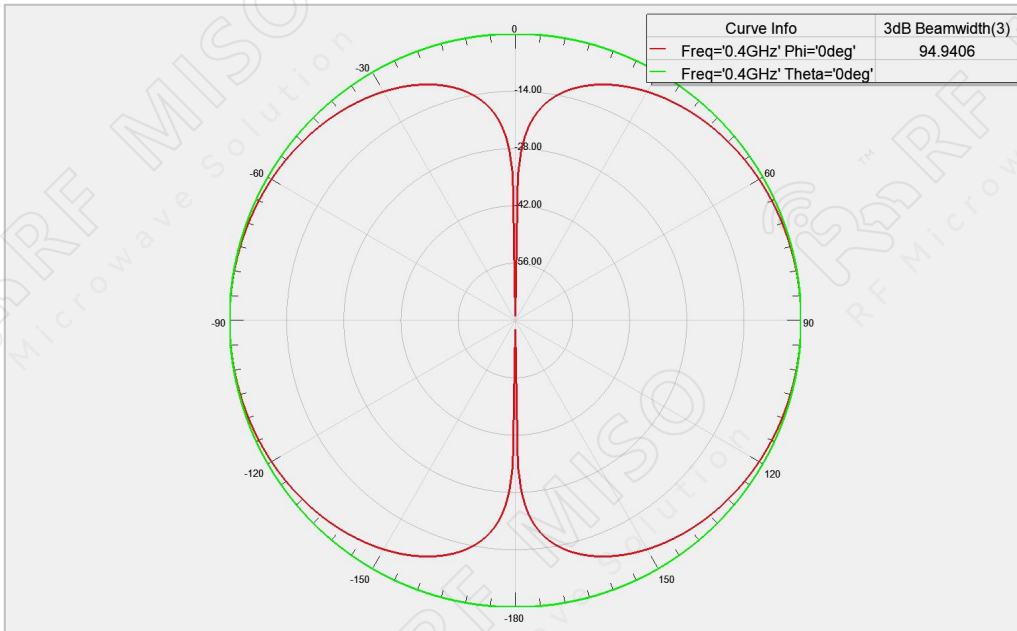


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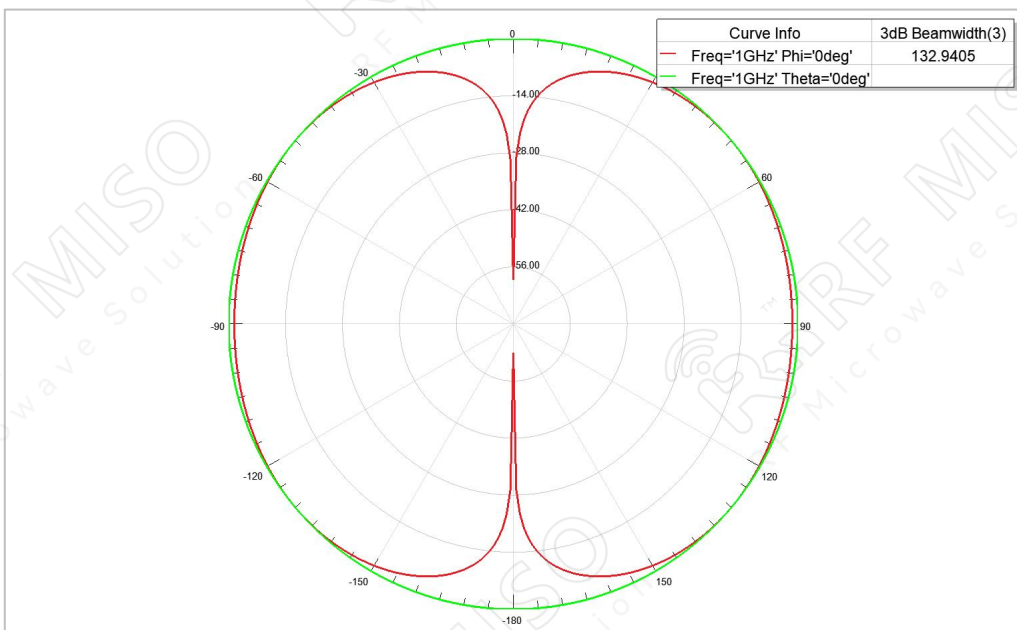
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Pattern



0.4GHz

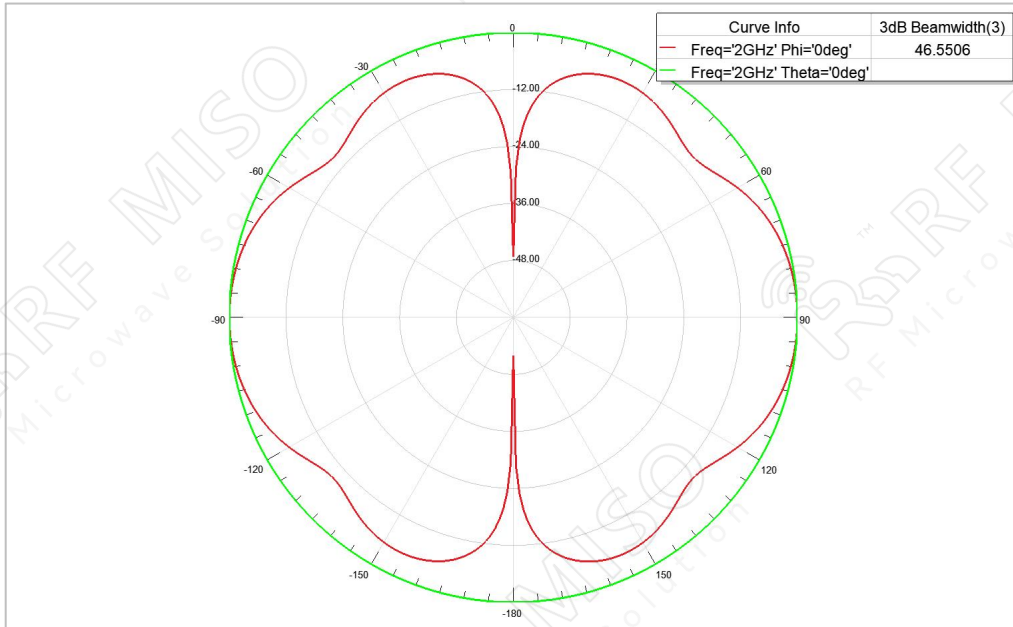


1 GHz

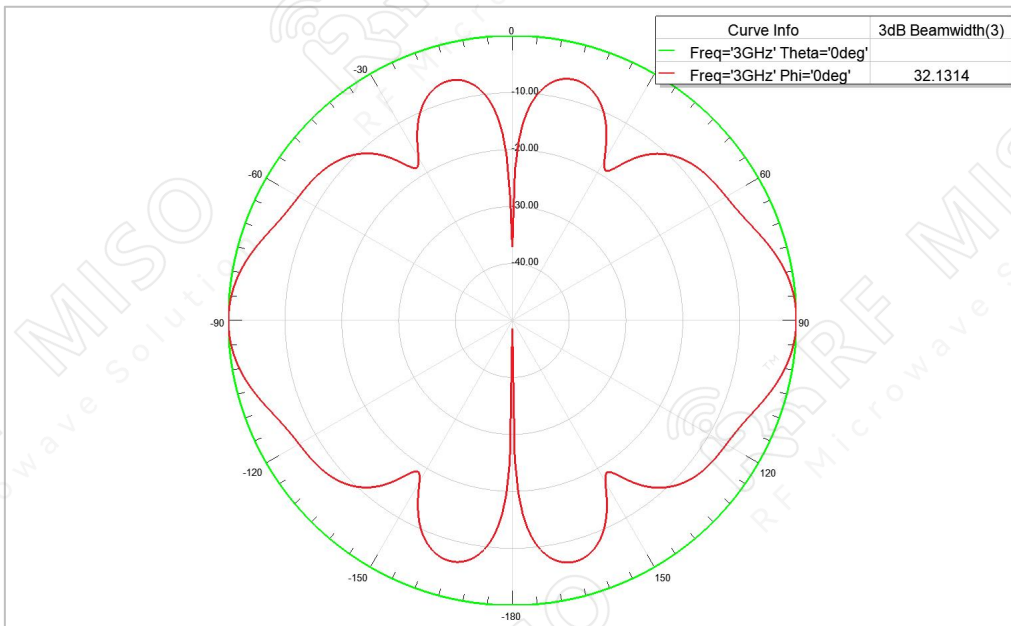
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2 GHz

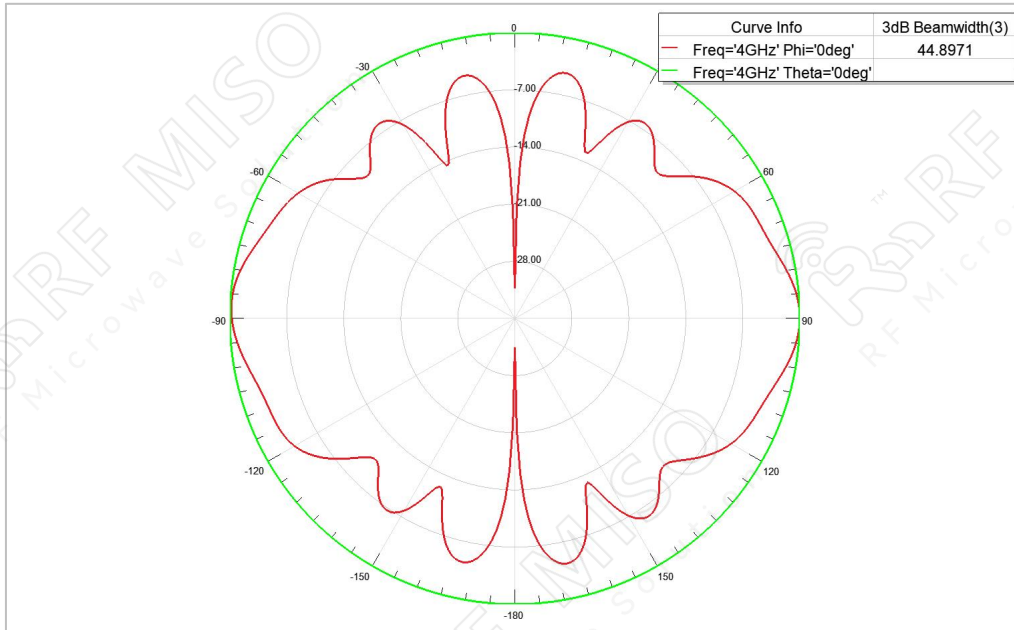


3 GHz

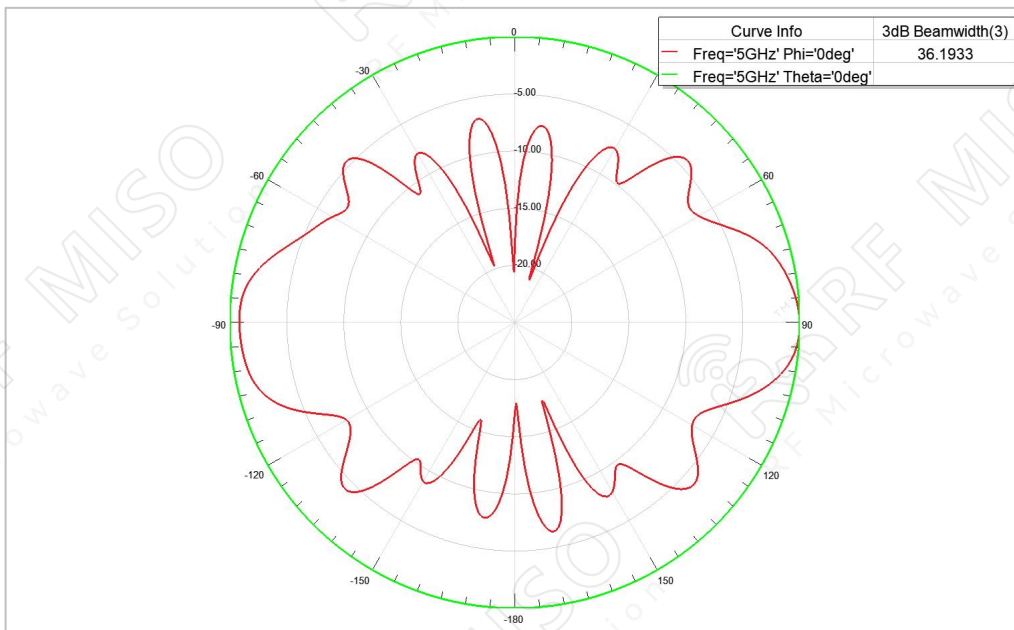
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4 GHz



5 GHz