

*Broadband Dual Polarized Horn Antenna
11 dBi Typ. Gain, 0.4-6 GHz Frequency Range*

Broadband Dual Polarized Horn Antenna Data Sheet

RM-BDPHA046-11

Features

- Coaxial Adapter for RF Inputs
- Low VSWR
- Good Orientation
- High Isolation
- Dual Linear Polarized

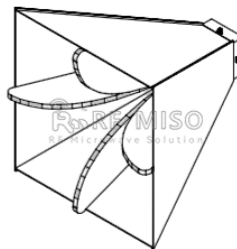
Descriptions

RF MISO's **Model RM-BDPHA046-11** is a dual polarized horn antenna that operates from 0.4 to 6 GHz, The antenna offers 11 dBi typical gain. The antenna VSWR is typical 1.5:1. The antenna RF ports are SMA-Female connector. The antenna can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specifications

RM-BDPHA046-11		
Parameters	Typical	Units
Frequency Range	0.4-6	GHz
Gain	11 Typ.	dBi
VSWR	1.5 Typ.	
Polarization	Dual	
Port Isolation	>30	dB
Connector	SMA-Female	
Material	Al	
Finishing	Paint	
Size (L*W*H)	504.92*550.47*510.08(±5)	mm
Weight	13.141	kg
Power Handling, CW	50	W
Power Handling, Peak	100	W

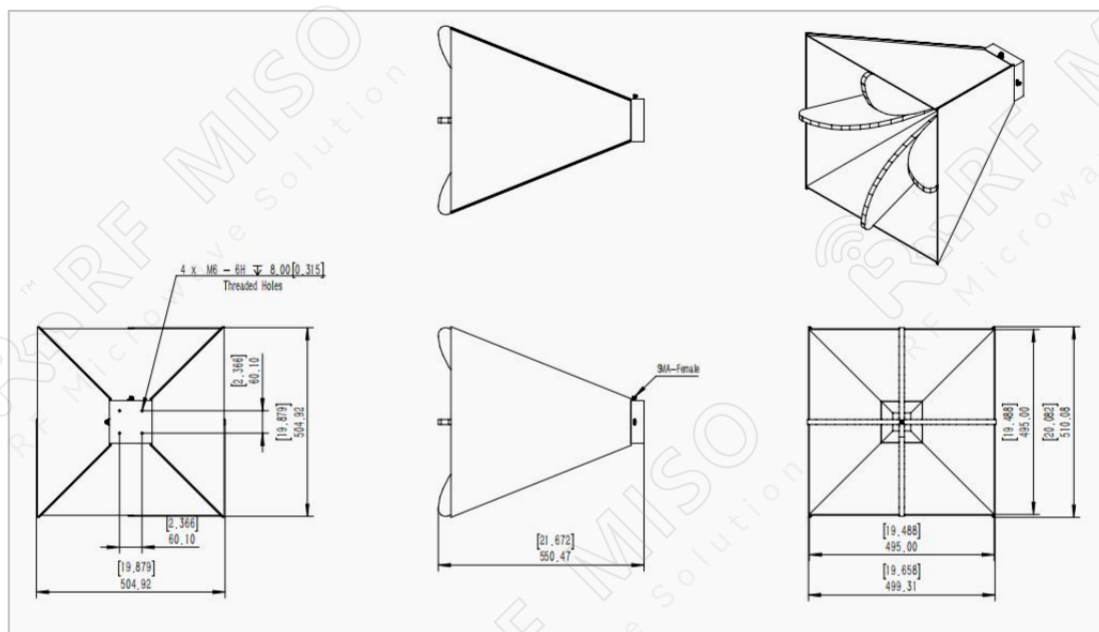
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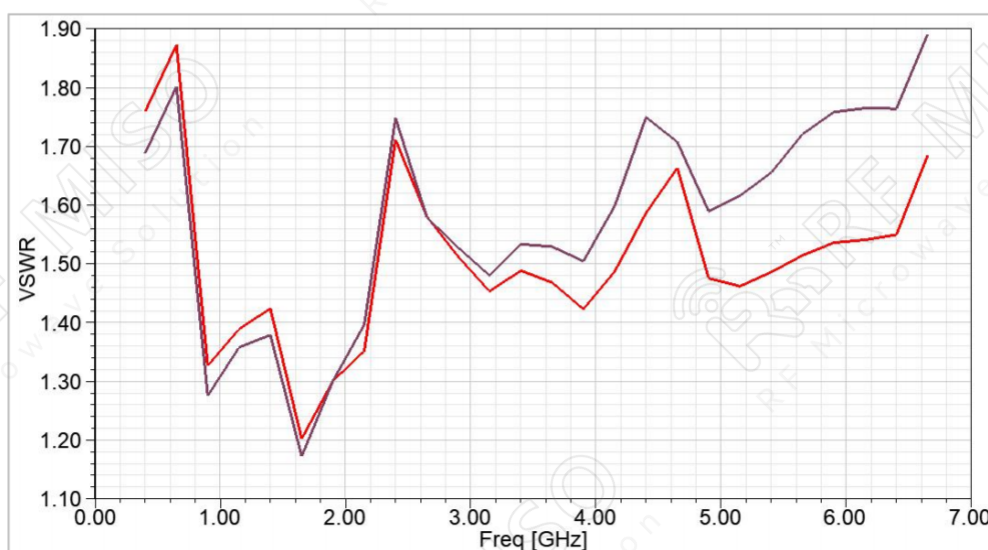
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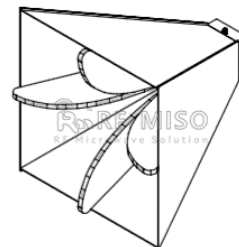
Outline Drawing



Simulated Data

VSWR



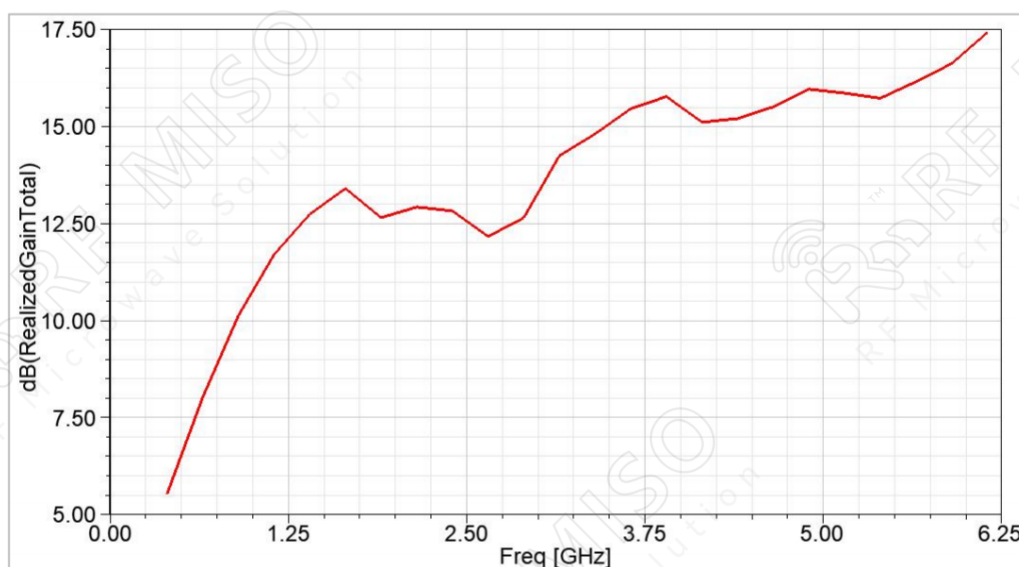


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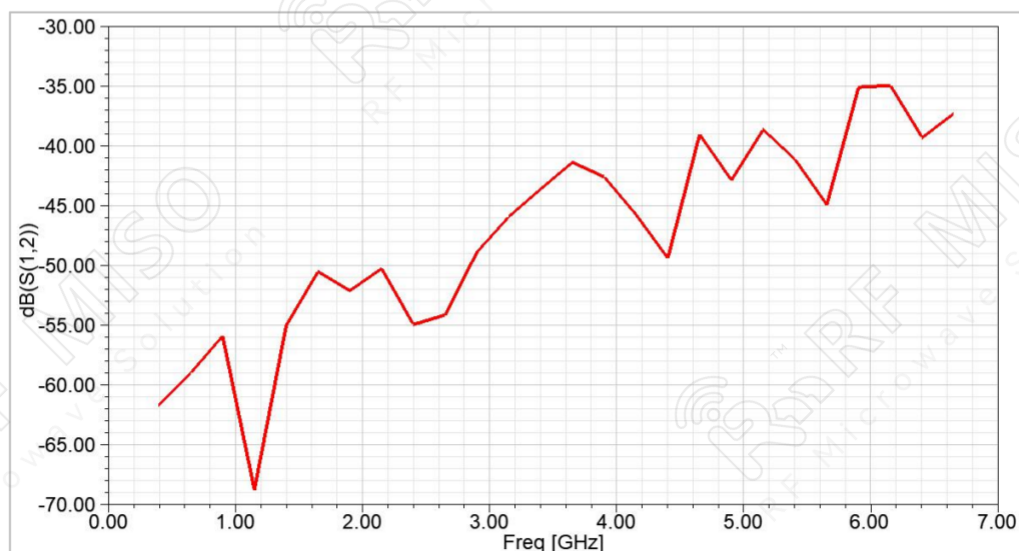
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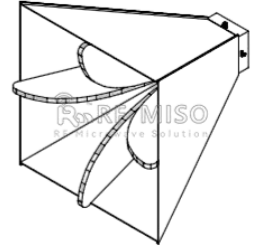
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Gain



Port Isolation



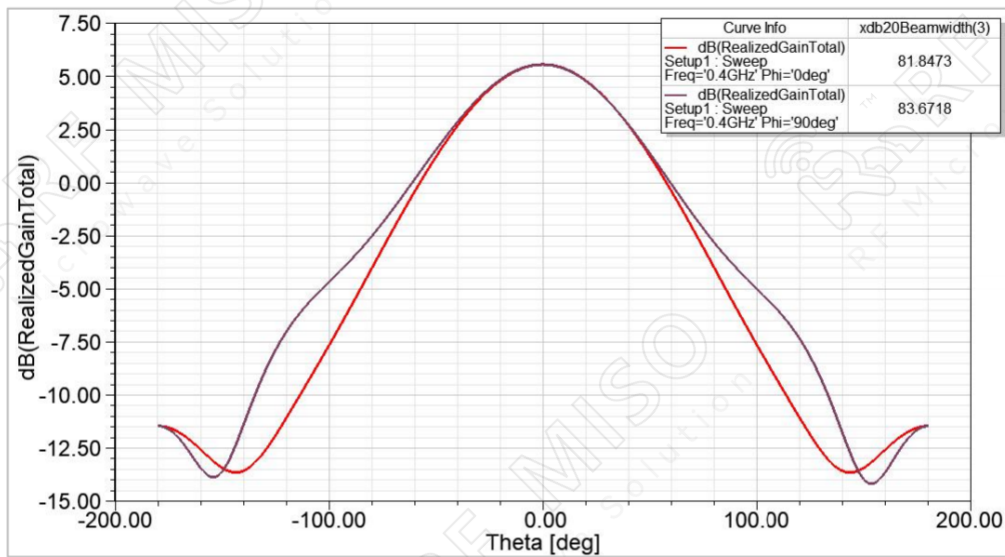


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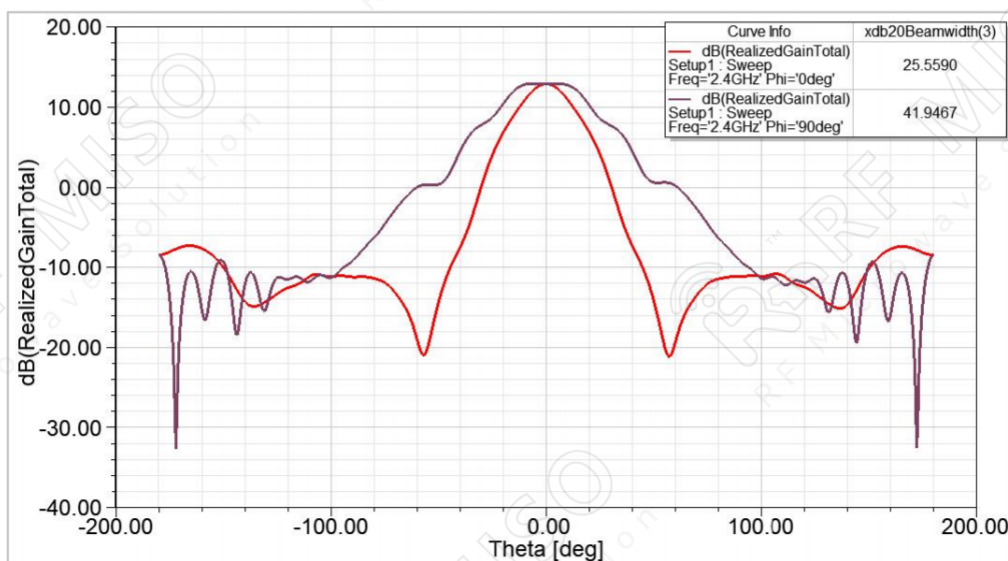
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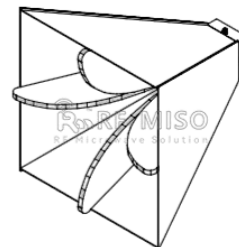
Gain Patterns



0.4 GHz



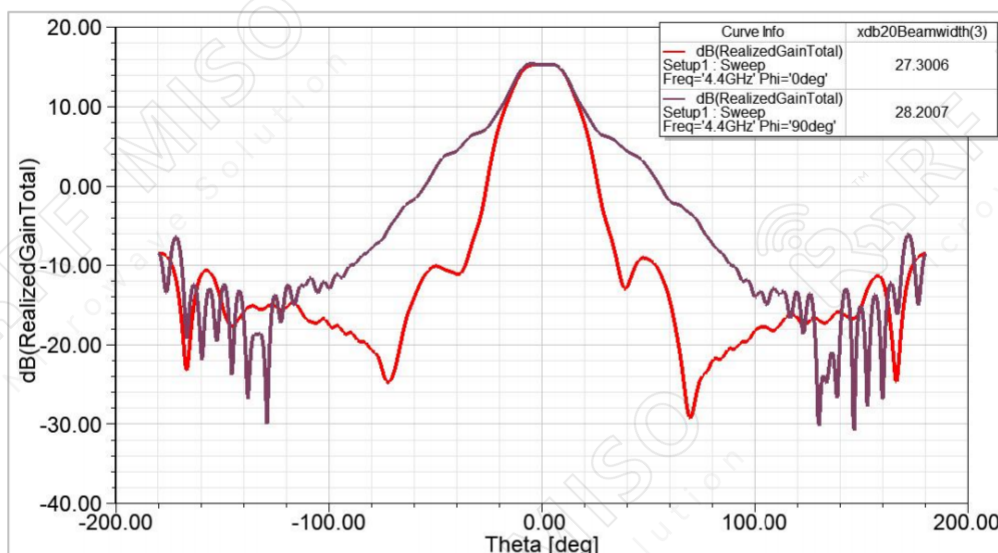
2.4 GHz



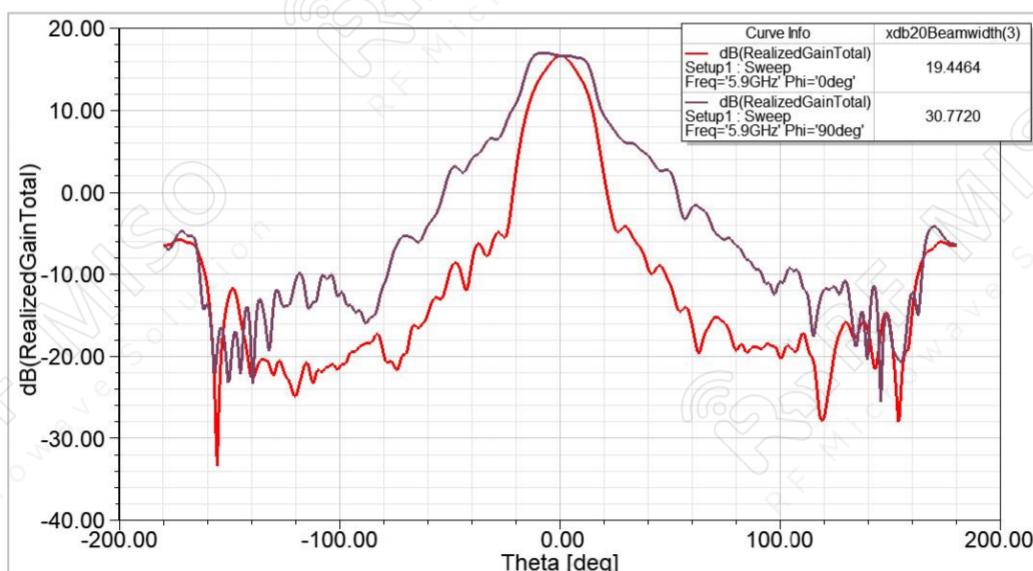
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4.4 GHz



6 GHz