



*Broadband Dual Polarized Horn Antenna
10dBi Typ.Gain, 0.4-6 GHz Frequency Range*

Broadband Dual Polarized Horn Antenna Data Sheet

RM-BDPHA046-10

Features

- Full Band Performance
- Dual Polarization
- High Isolation
- Precisely Machined and Gold Plated

Description

The **RM-BDPHA046-10** is a full-band, dual-polarized horn antenna assembly that operates in the frequency range of 0.4 to 6 GHz. The antenna offers a typical gain of 10 dBi and low VSWR 1.35:1. The antenna can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specifications

RM-BDPHA046-10		
Item	Specification	Units
Frequency Range	0.4-6	GHz
Gain	10 Typ.	dBi
VSWR	1.35:1 Typ.	
Polarization	Dual	
Port Isolation	55 Typ.	dB
Connector	SMA-Female	
Size(L*W*H)	527*527*554.1(±5)	mm
Weight	4.313	Kg
Material and Finish	Al, Paint	
Power Handling, CW	50	W
Power Handling, Peak	100	W

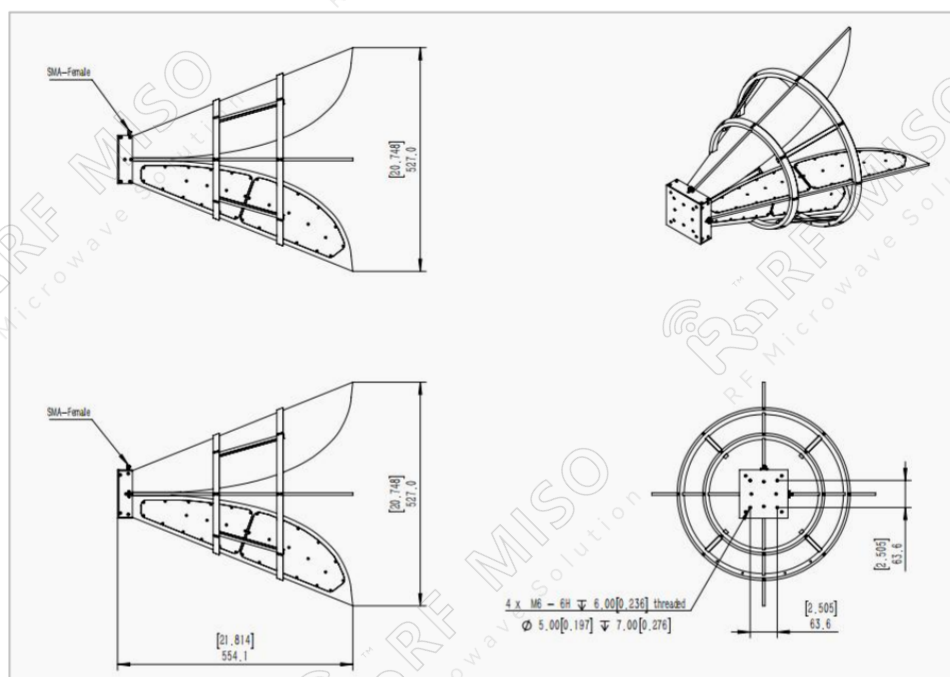


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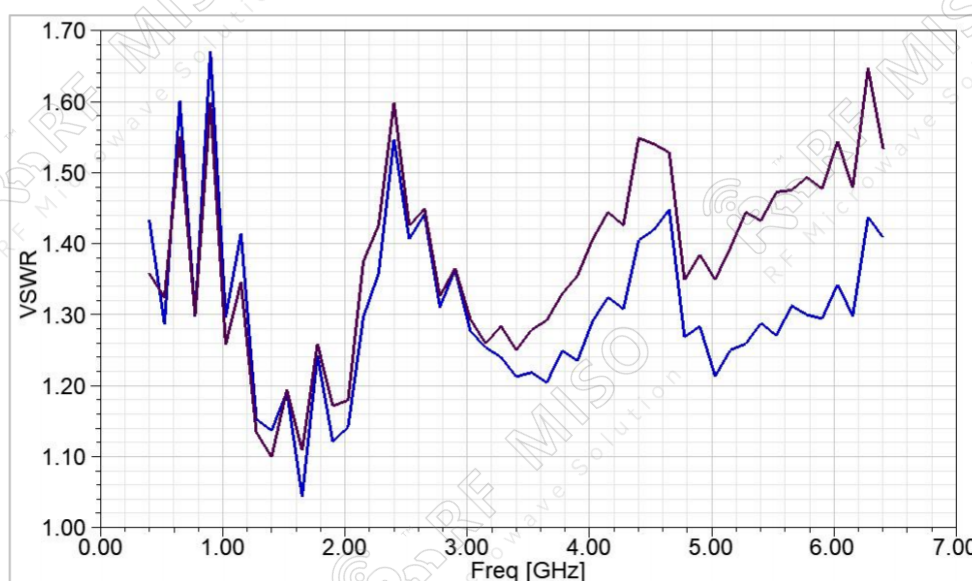
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Outline Drawing



Simulated Data

VSWR



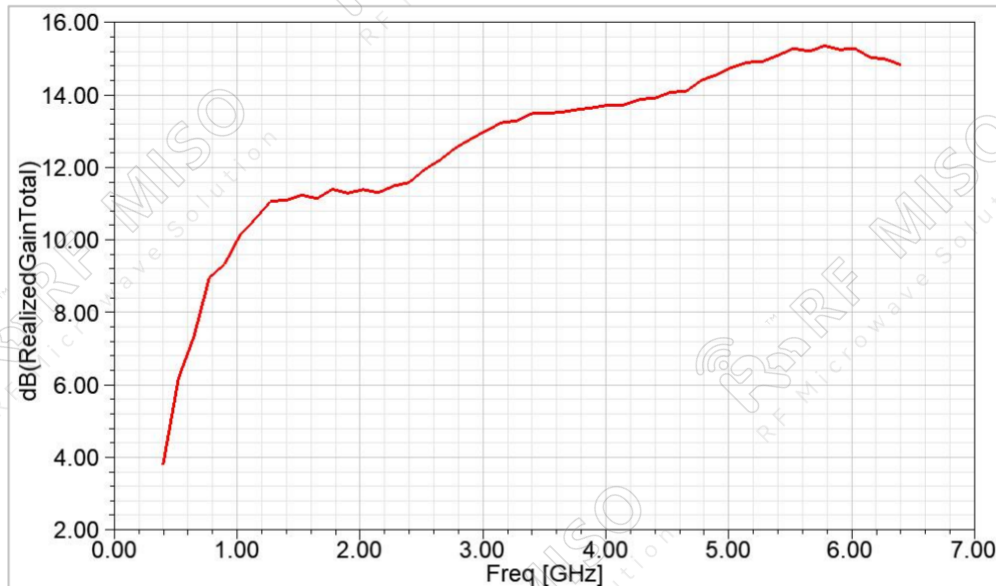


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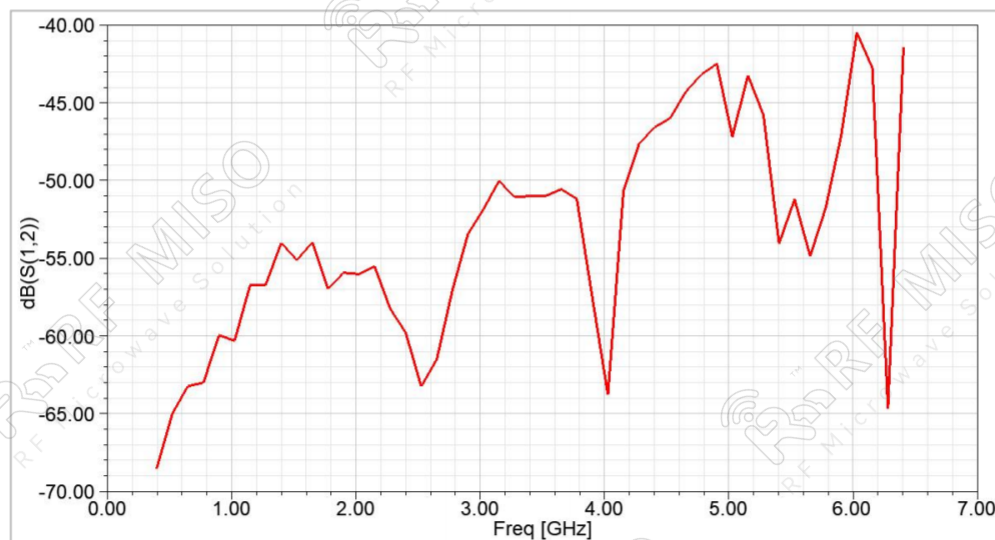
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Gain



Port Isolation



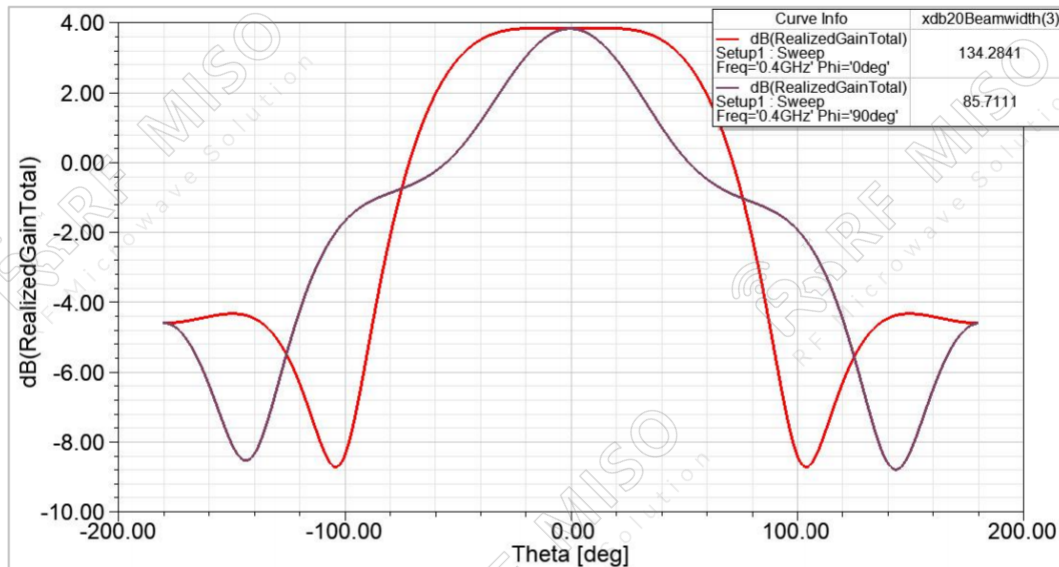


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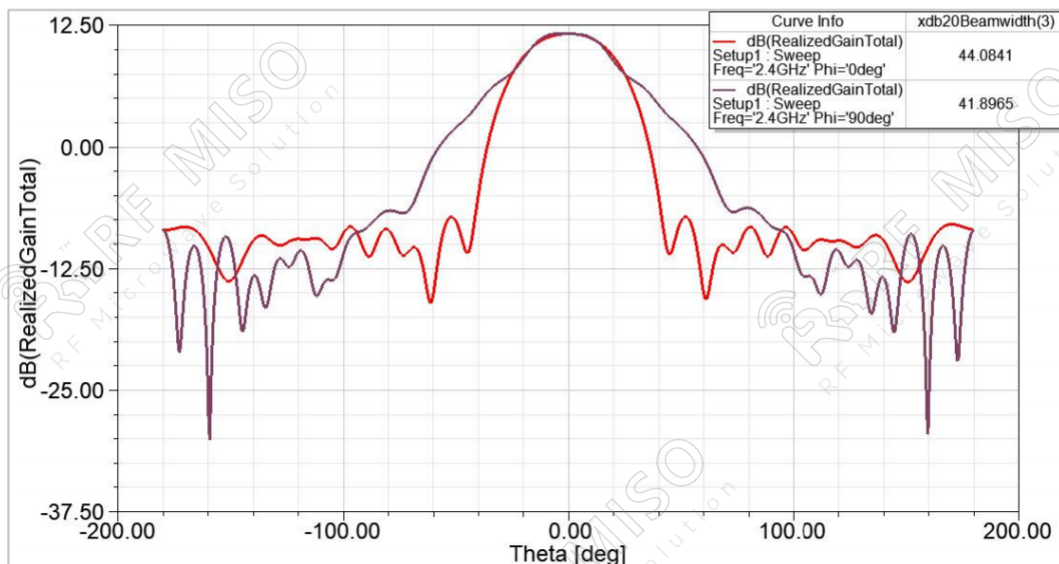
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Gain Pattern



0.4 GHz



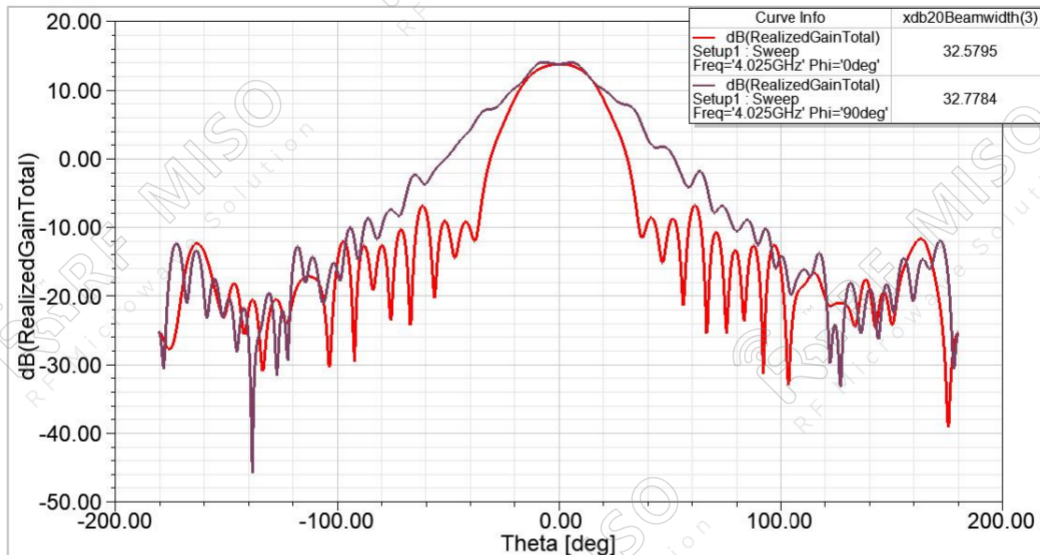
2.4 GHz



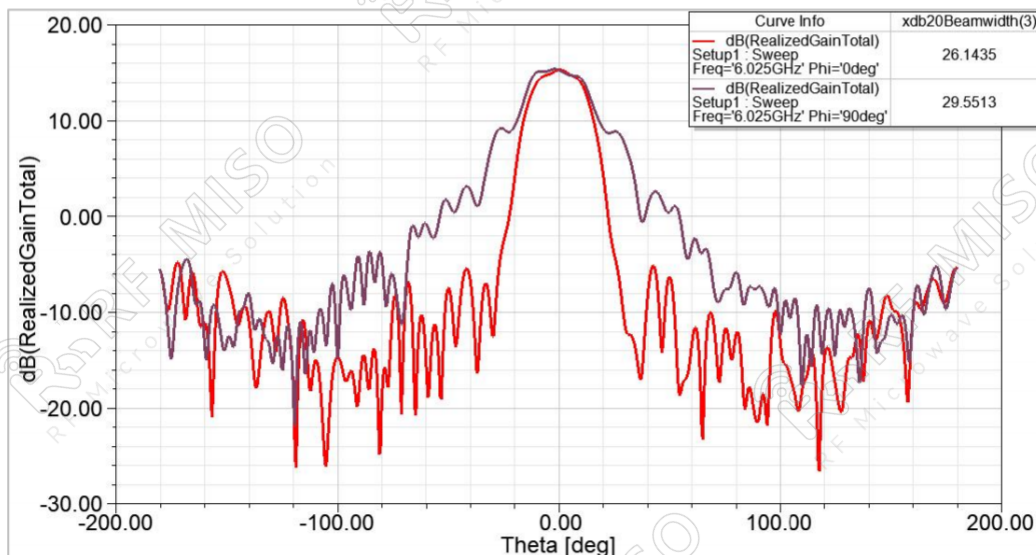
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4.025 GHz



6 GHz