

Broadband Horn Antenna
12 dBi Typ. Gain, 1-30GHz Frequency Range

Broadband Horn Antenna Data Sheet

RM-BDHA130-12

Features

- Ideal for Antenna Measurements
- Linear Polarization
- Broadband Operation
- Small Size

Description

The **RM-BDHA130-12** is a linear polarized broadband horn antenna that operates in the frequency range of 1 GHz to 30 GHz. The antenna offers a typical gain of 12dBi and low VSWR 1.4:1 with 2.92-Female connector. The antenna supports linear polarized waveforms. It is suitable for extensive applications such as EMC/EMI testing, surveillance, direction finding, as well as antenna gain and pattern measurements.

Specifications

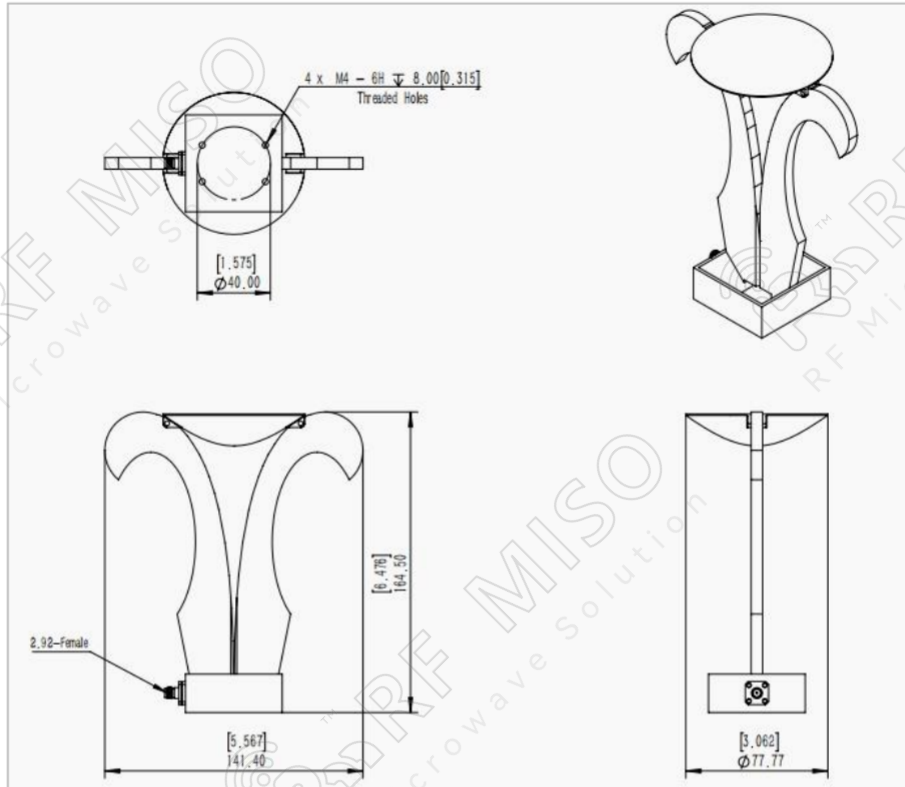
RM-BDHA130-12		
Item	Specification	Units
Frequency Range	1-30	GHz
Gain	12 Typ.	dBi
VSWR	1.4:1	
Polarization	Linear	
Connector	2.92-Female	
Finishing	Paint	
Material	Al	
Size	141.4*77.77*164.5(±5)	mm
Weight	0.275	kg

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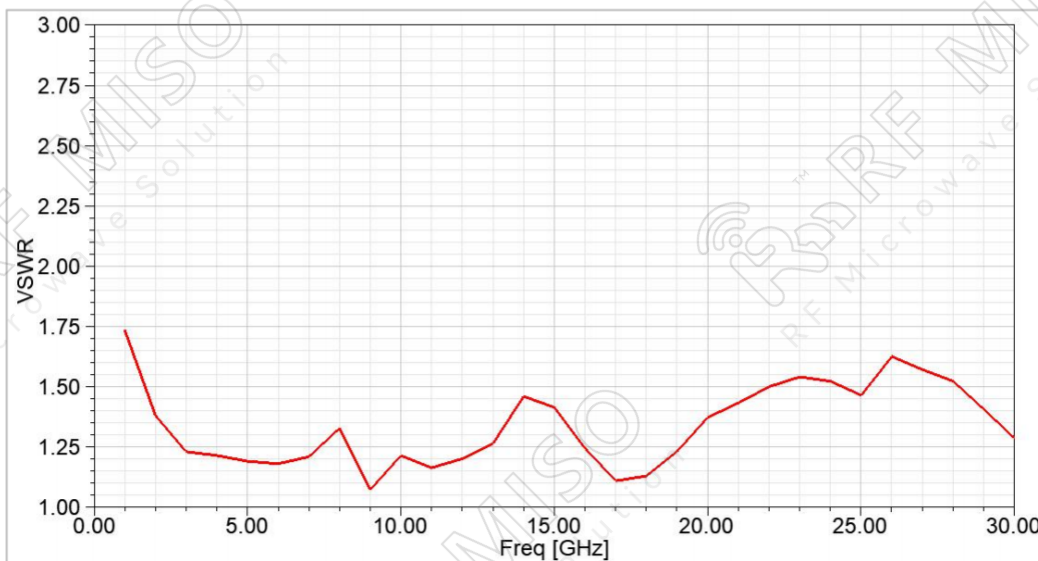
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Outline Drawing



Simulated Data

VSWR

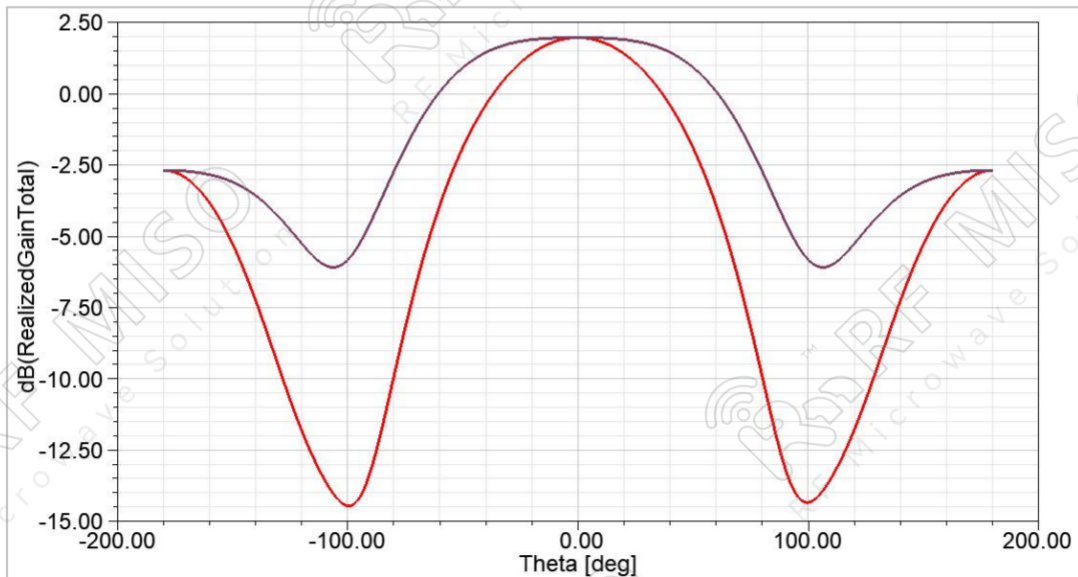
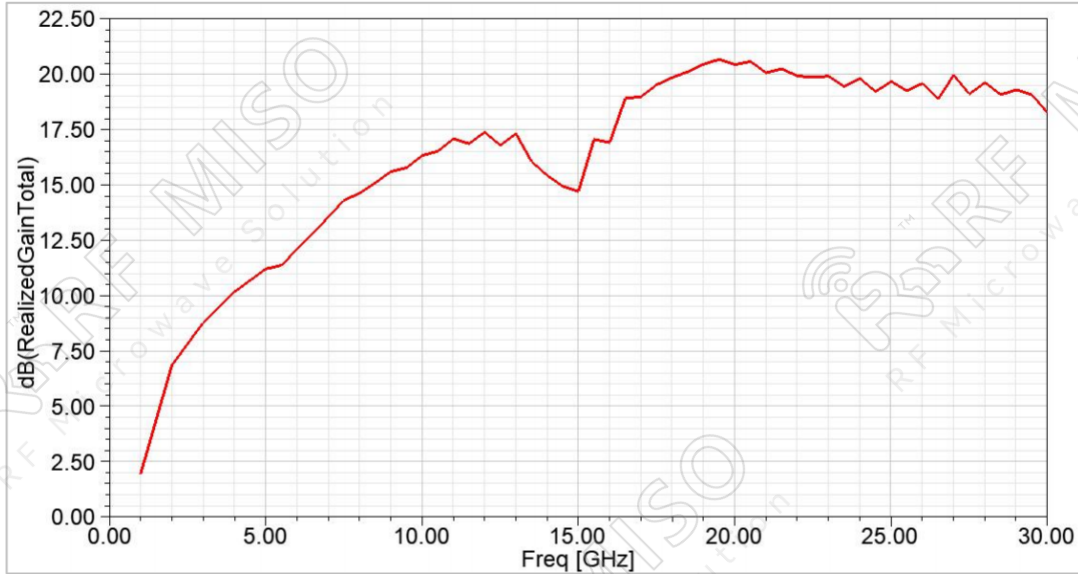


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Gain

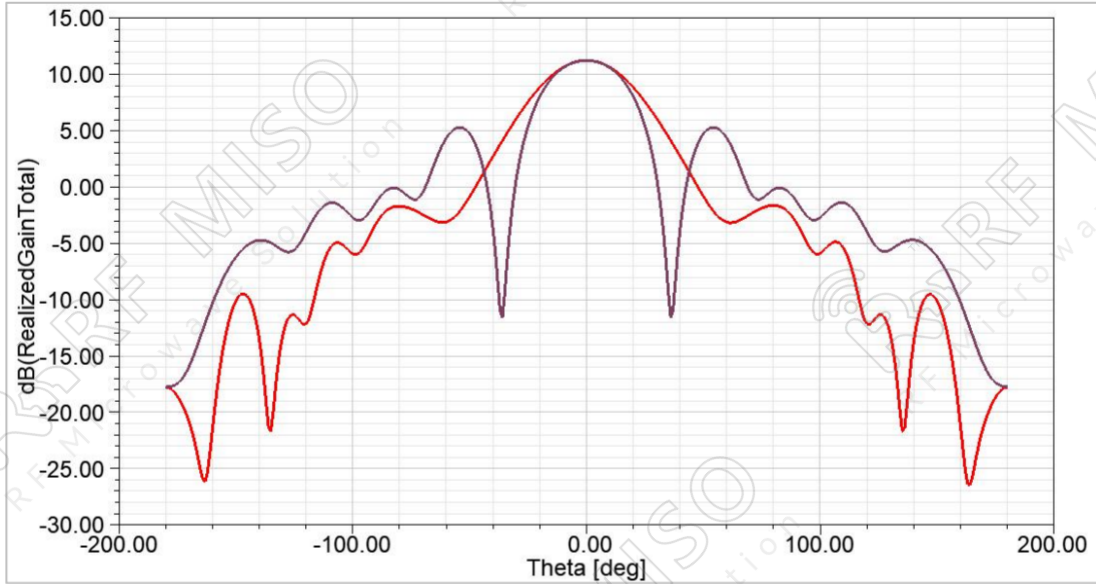


1GHz

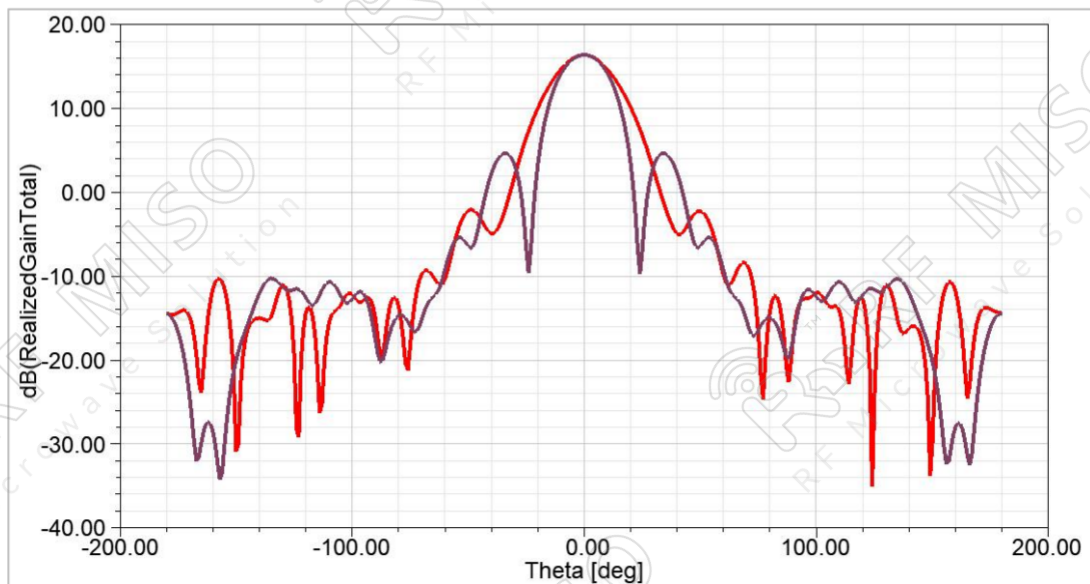
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5GHz

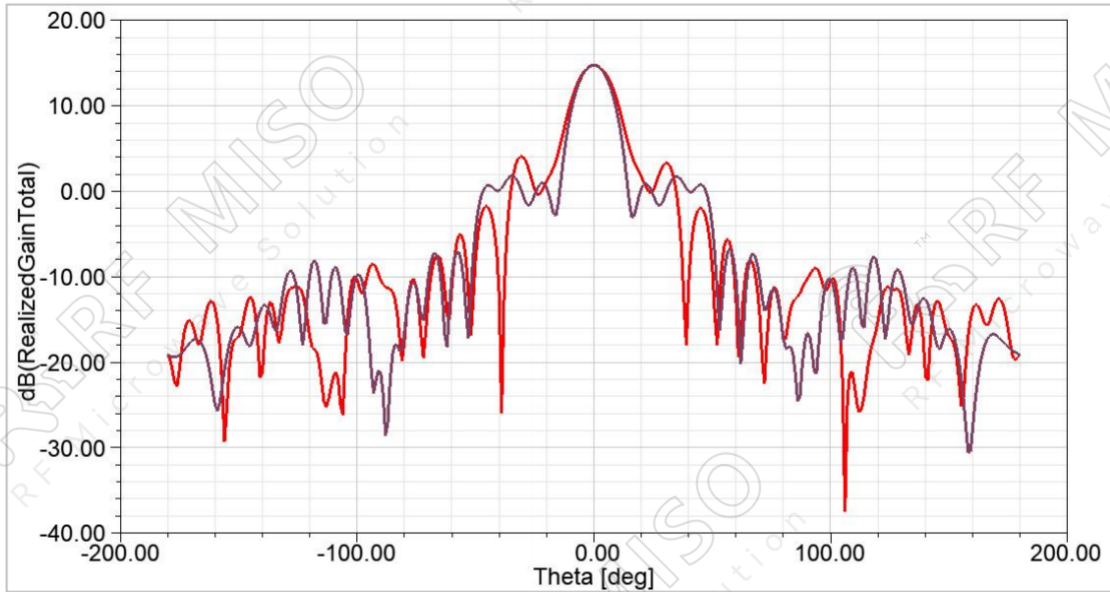


10GHz

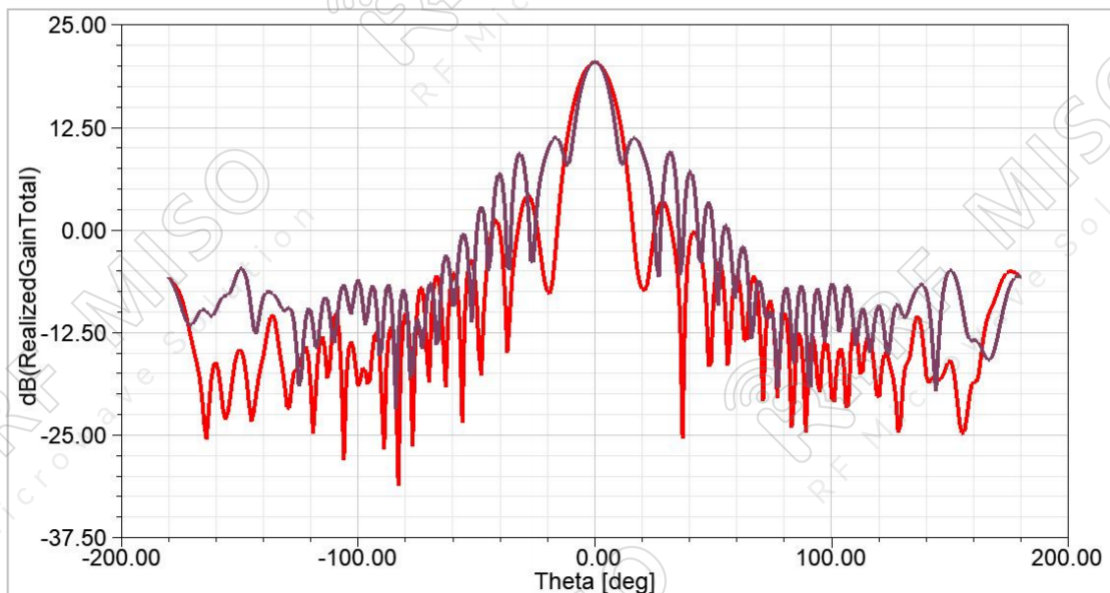
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15GHz

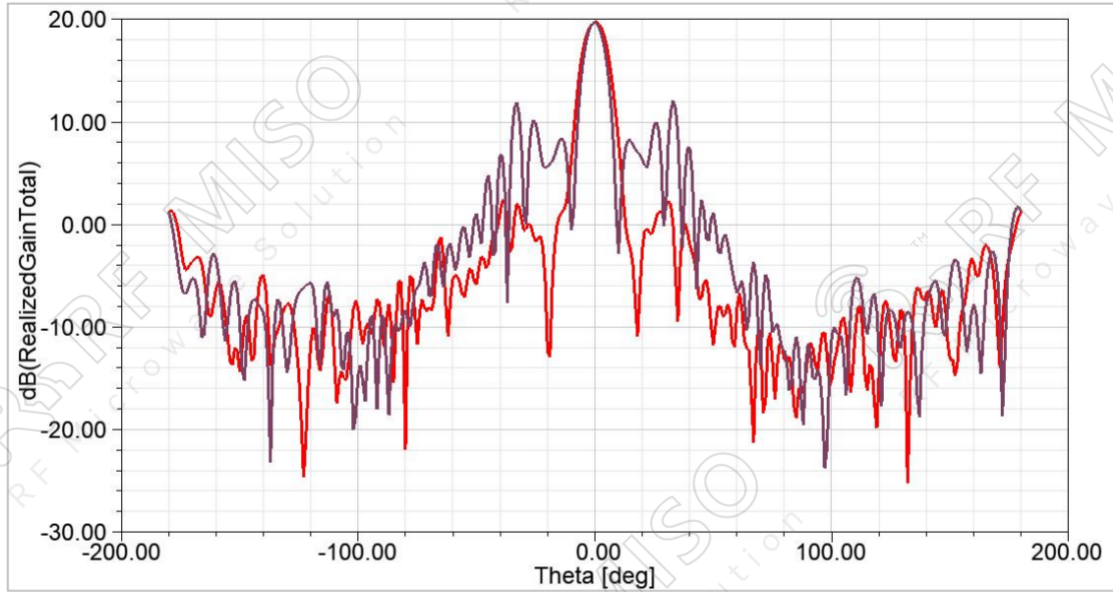


20GHz

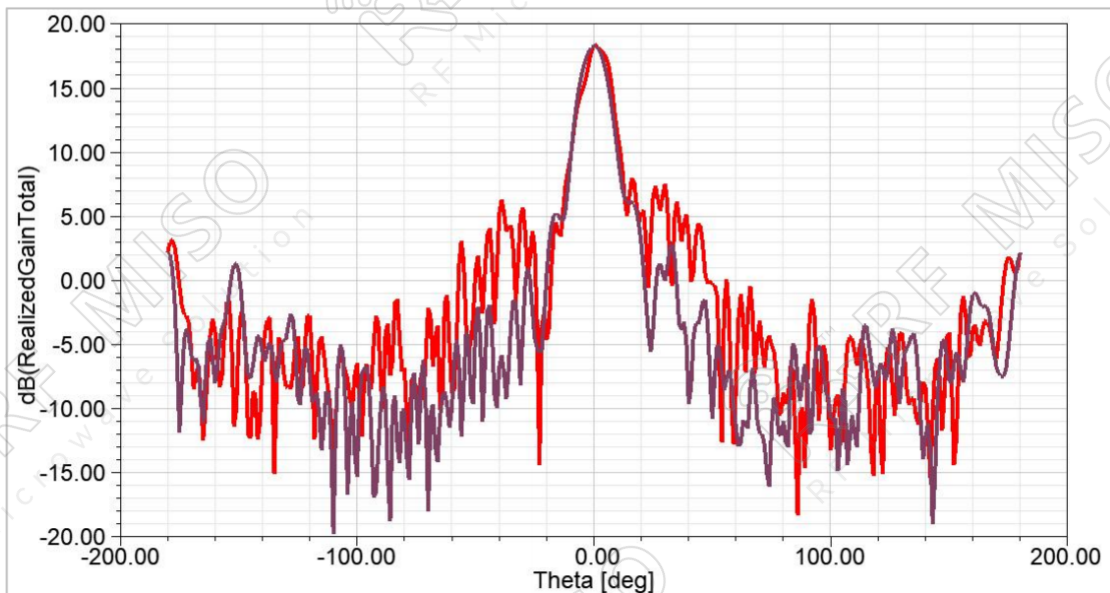
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25GHz



30GHz