



Broadband Horn Antenna
20 dBi Typ. Gain, 18-40 GHz Frequency Range

Broadband Horn Antenna Data Sheet

RM-BDHA1840-20

Features

- Ideal for Antenna Measurement
- Low VSWR
- Moderate Gain
- Broadband Operation
- Linear Polarized
- Small Size

Descriptions

RF MISO's **Model RM-BDHA1840-20** is a linear polarized broadband horn antenna that operates from 18 to 40 GHz. The antenna offers a typical gain of 20 dBi and low VSWR 1.3:1 with 2.92-Female connector. The antenna is used for long time trouble-free applications in indoor and outdoor environments. It can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other applications.

Specifications

RM-BDHA1840-20		
Parameters	Typical	Units
Frequency Range	18-40	GHz
Gain	20 Typ.	dBi
VSWR	1.3 Typ.	
Polarization	Linear	
Connector	2.92-Female	
Treatment	Paint	
Size(L*W*H)	182.07*89.27*55 (±5)	mm
Weight	0.164	Kg
Material	Al	
Cross polarization	50	dB

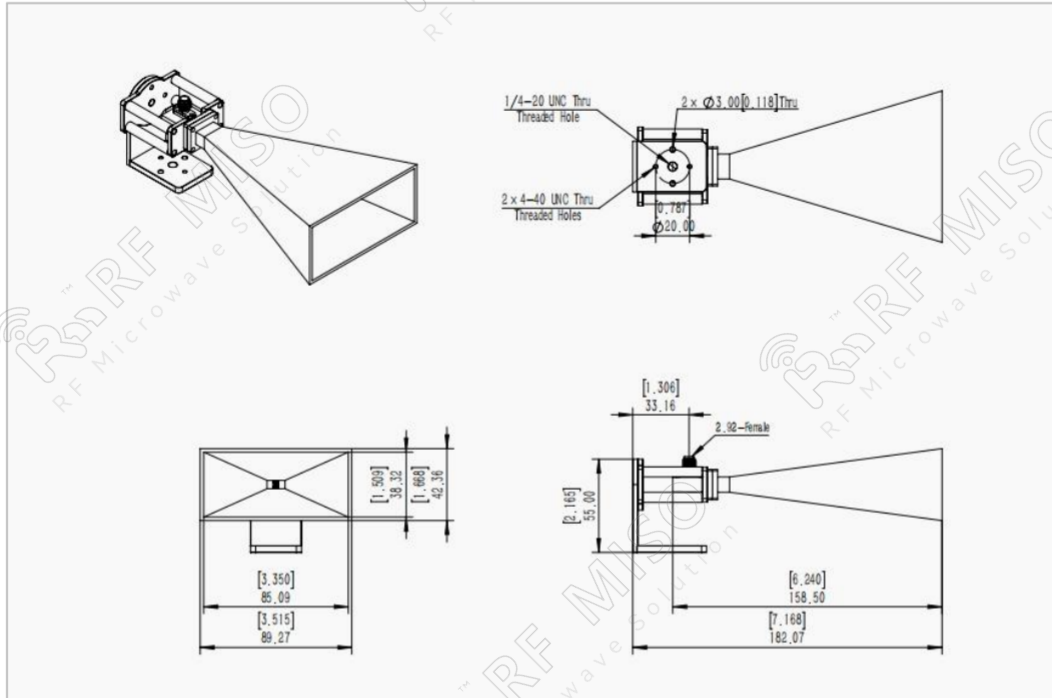


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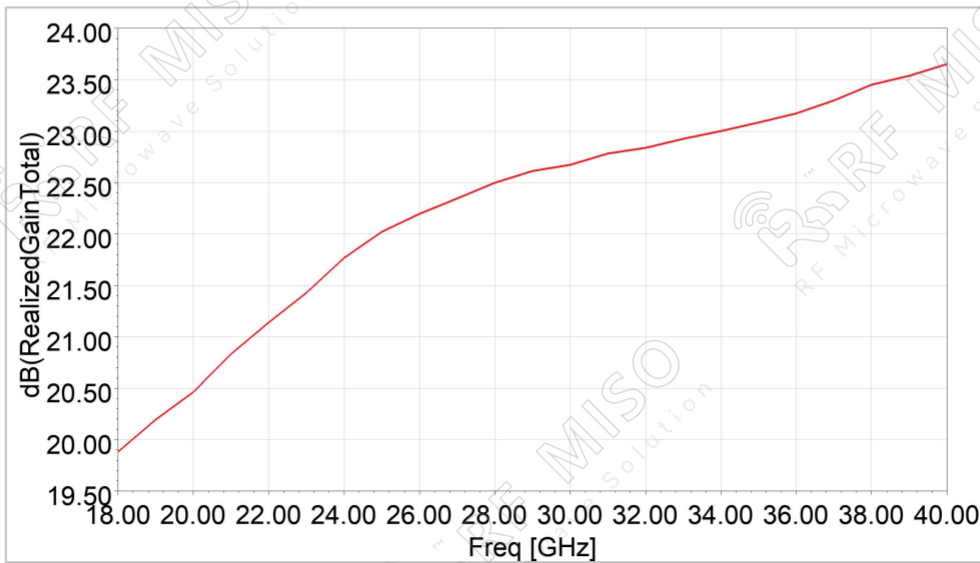
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Outline Drawing



Simulated Data

Gain



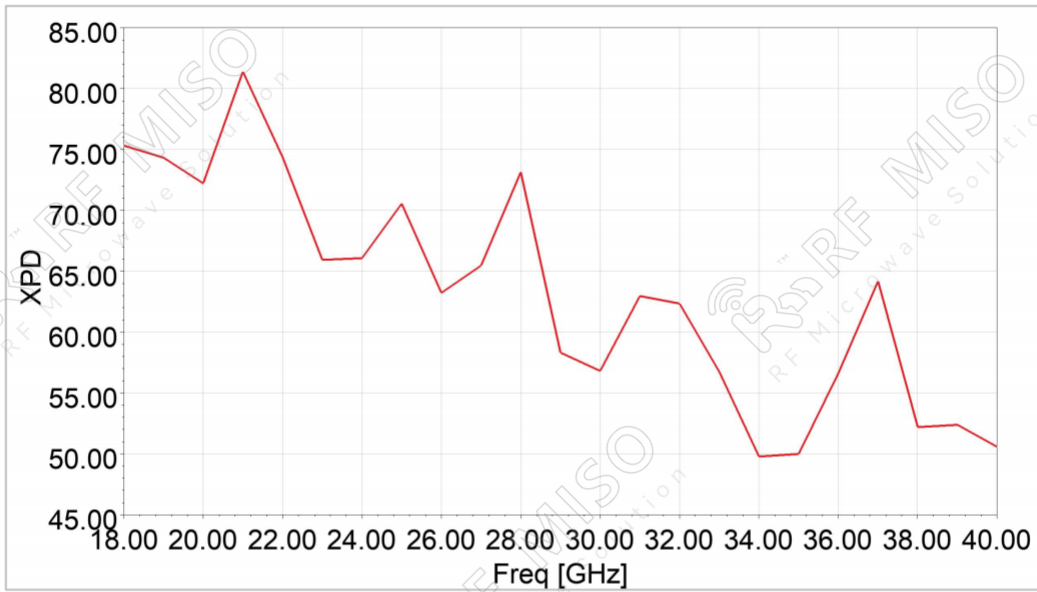


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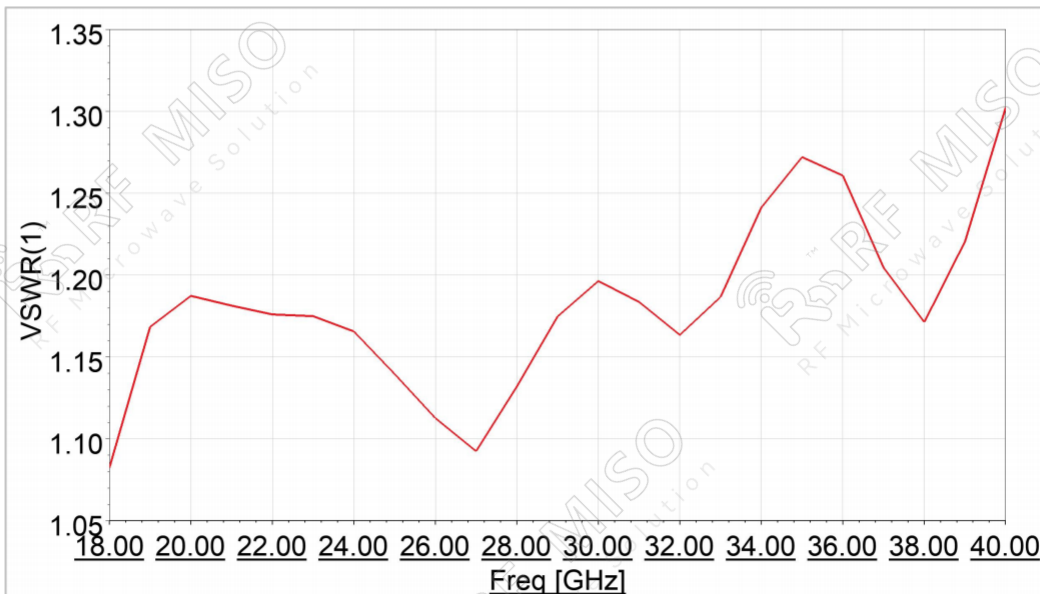
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XPD



VSWR



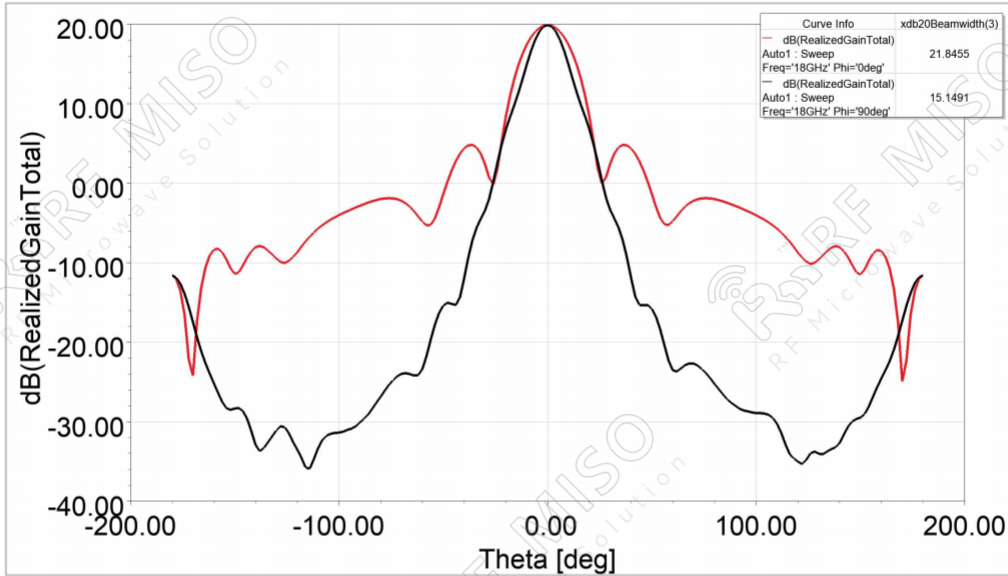


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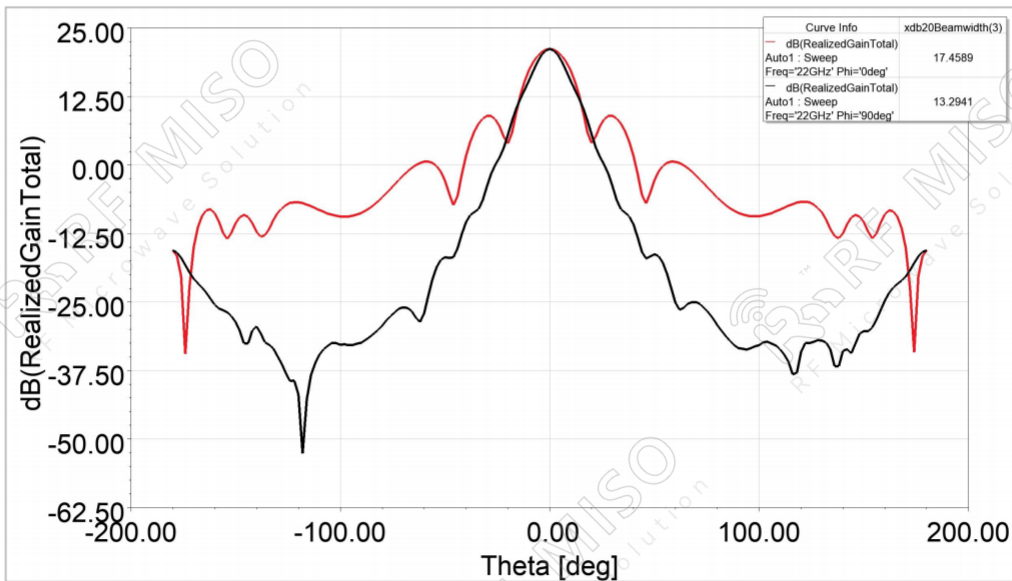
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RM-BDHA1840-20

Gain Pattern



18 GHz



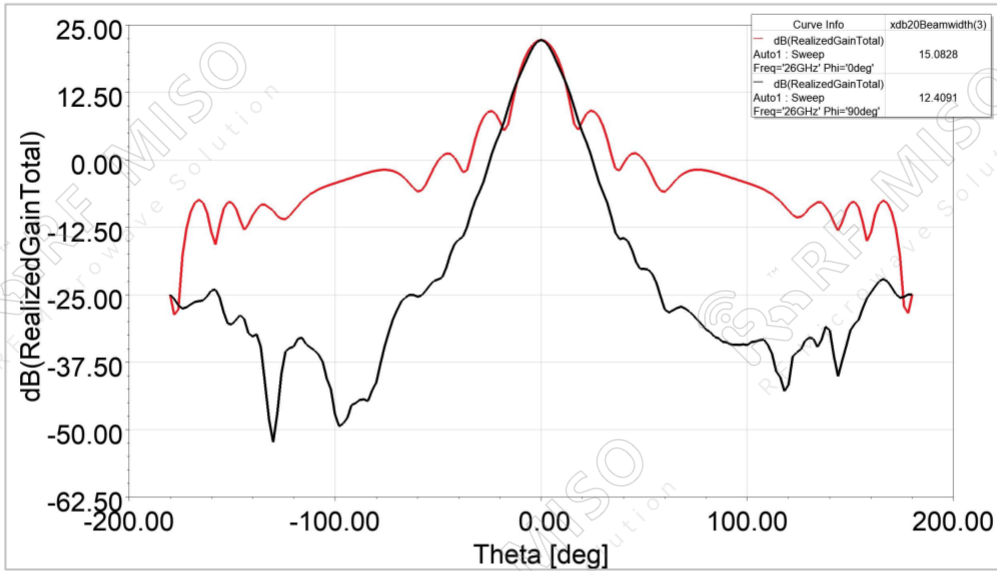
22 GHz



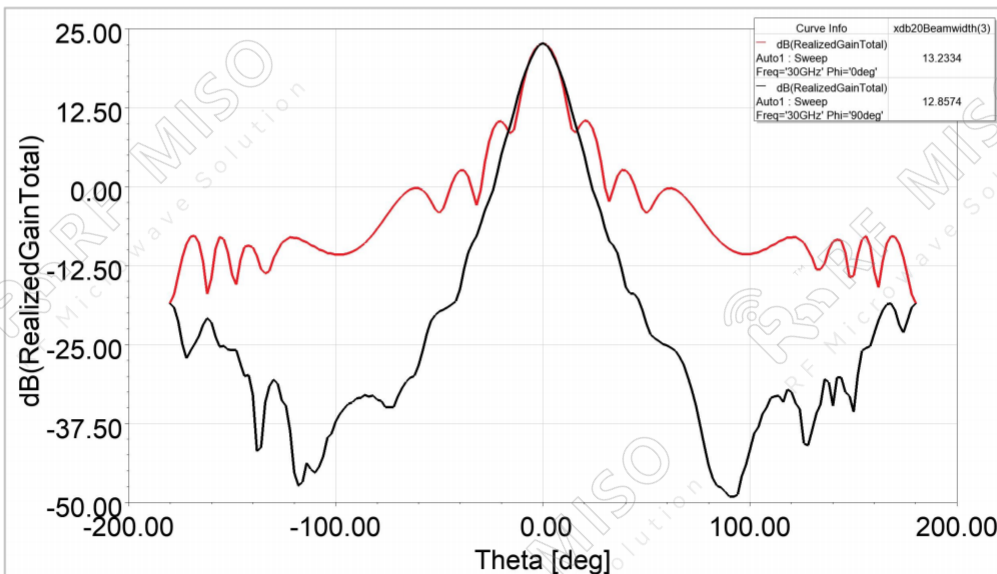
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26 GHz



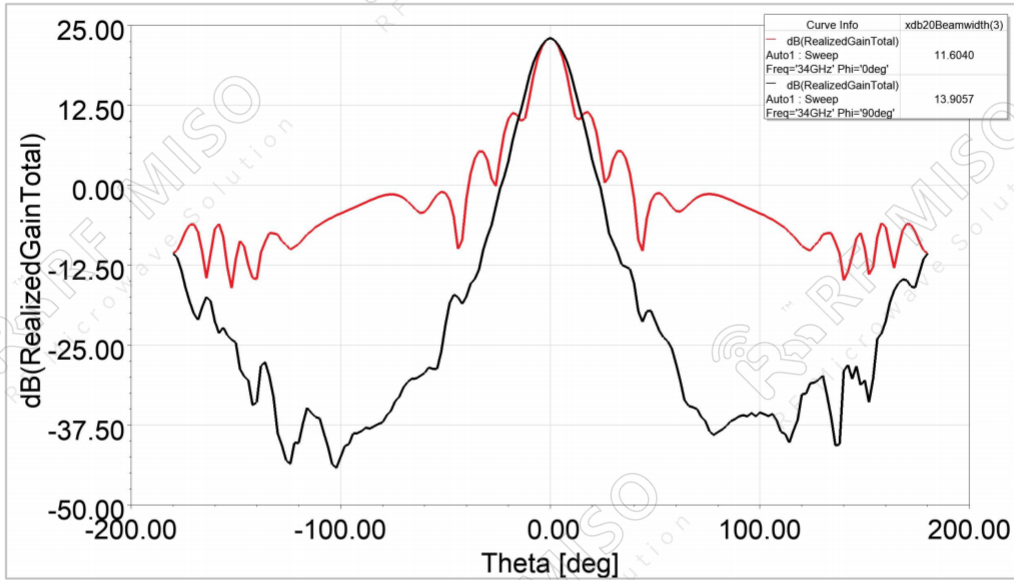
30 GHz



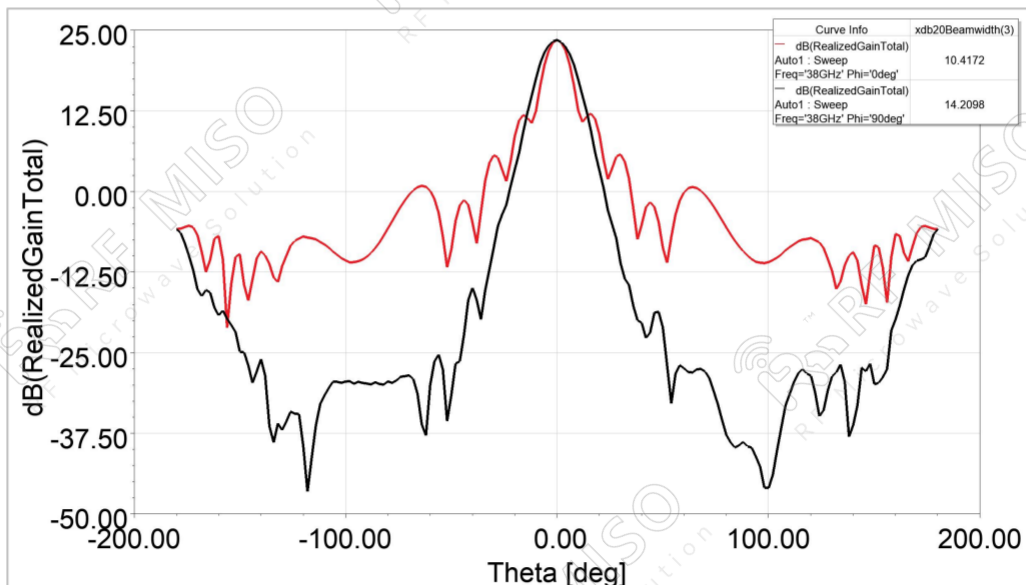
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RM-BDHA1840-20



34 GHz



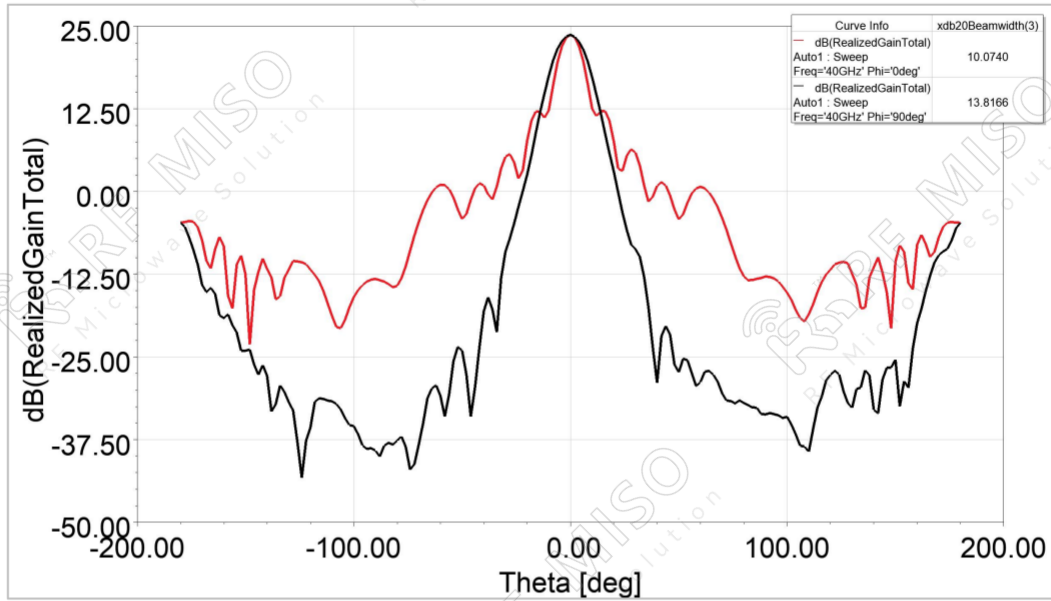
38 GHz



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40 GHz