

*Broadband Horn Antenna*  
*10dBi Typ. Gain, 0.2-2.5GHz Frequency Range*

## Broadband Horn Antenna Data Sheet

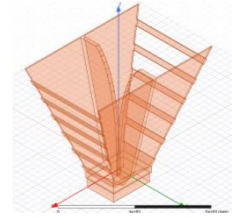
**RM-BDHA0225-10**

### Descriptions

RF MISO's **Model RM-BDHA0225-10** is linear polarized broadband horn antenna that operates from 0.2 to 2.5 GHz. The antenna offers a typical gain of 10 dBi and low VSWR 1.5 Typ. with SMA-Female type connector. This antenna is ideally suited for EMI testing, direction finding, surveillance, antenna gain and pattern measurements.

### Specifications

RM-BDHA0225-10		
Parameters	Specifications	Units
Frequency Range	0.2-2.5	GHz
Gain	10 Typ.	dBi
VSWR	<2	
Polarization	Linear	
Connector	SMA-Female	
Cross Polarization	50 Typ.	dB
3dB Beamwidth, E-Plane	31.25~88.28	Deg.
3dB Beamwidth, H-Plane	28.84~102.25	Deg.
Finishing	Paint Black	
Material	Al	
Size(L*W*H)	888.0*703.3*935.0(±5)	mm
Weight	23.387	kg

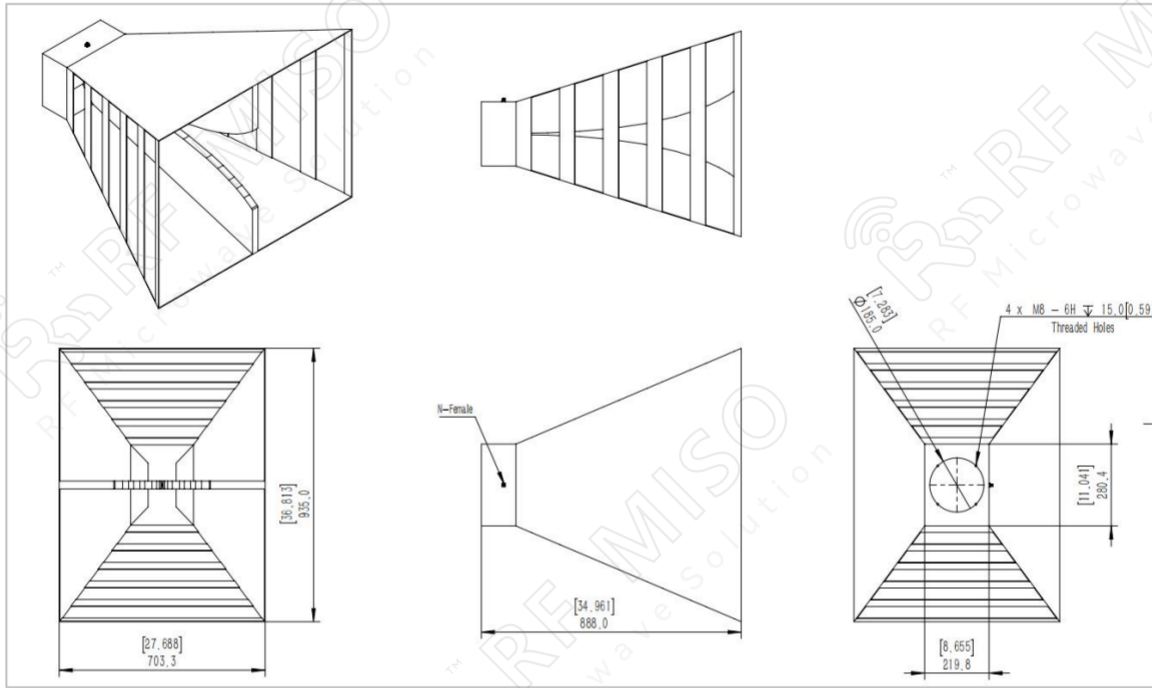


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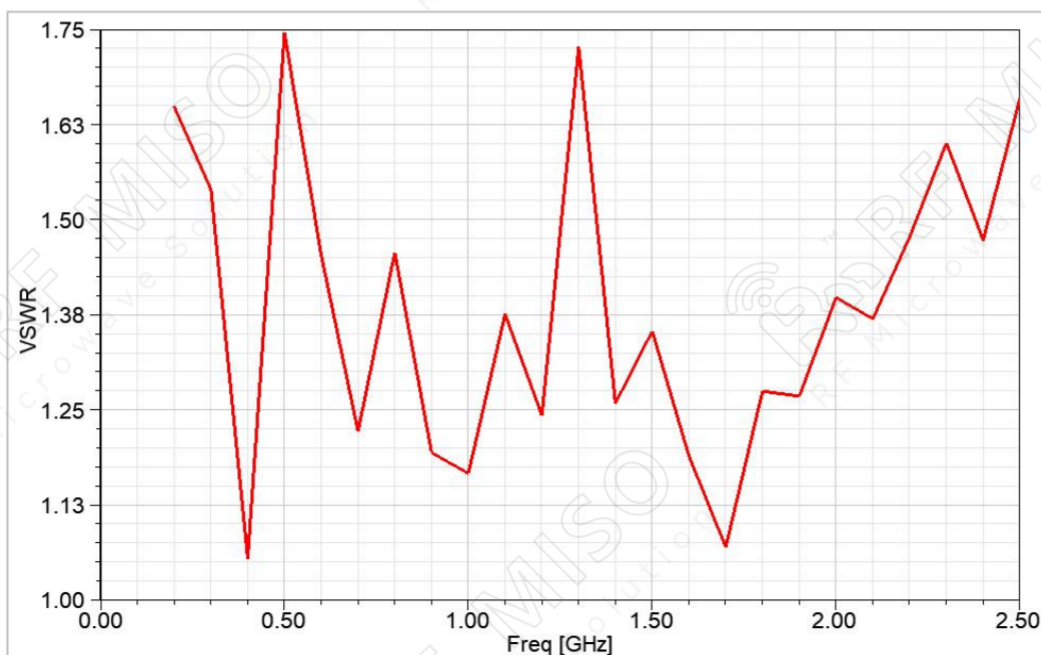
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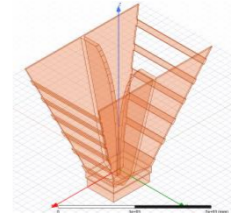
**Outline Drawing**



**Simulation Result**

**VSWR**



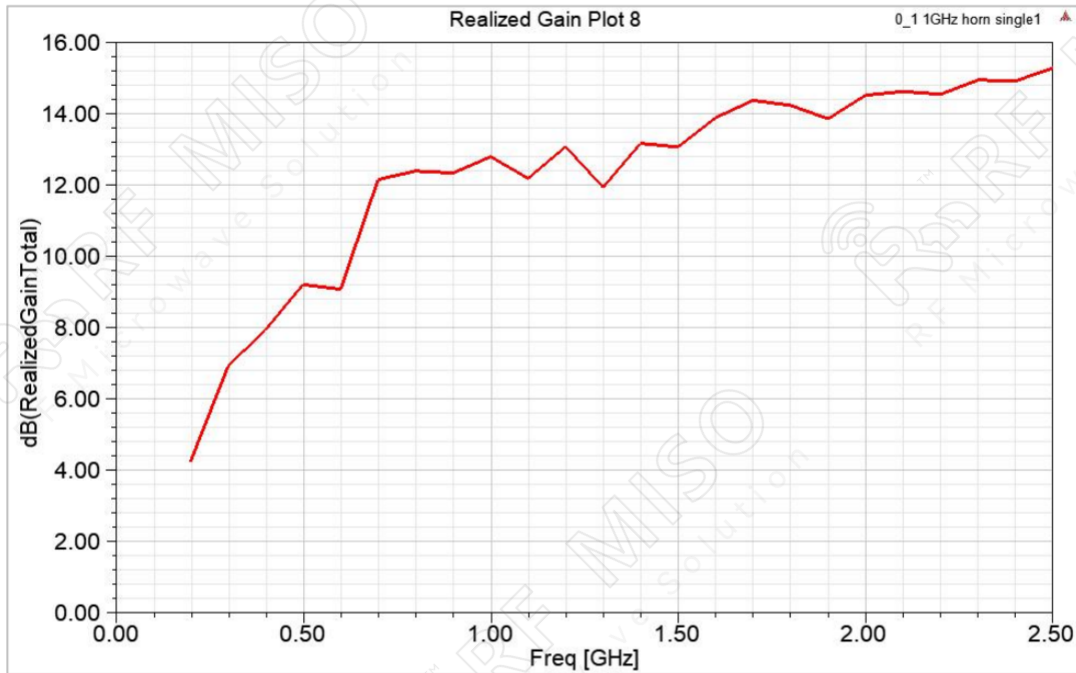


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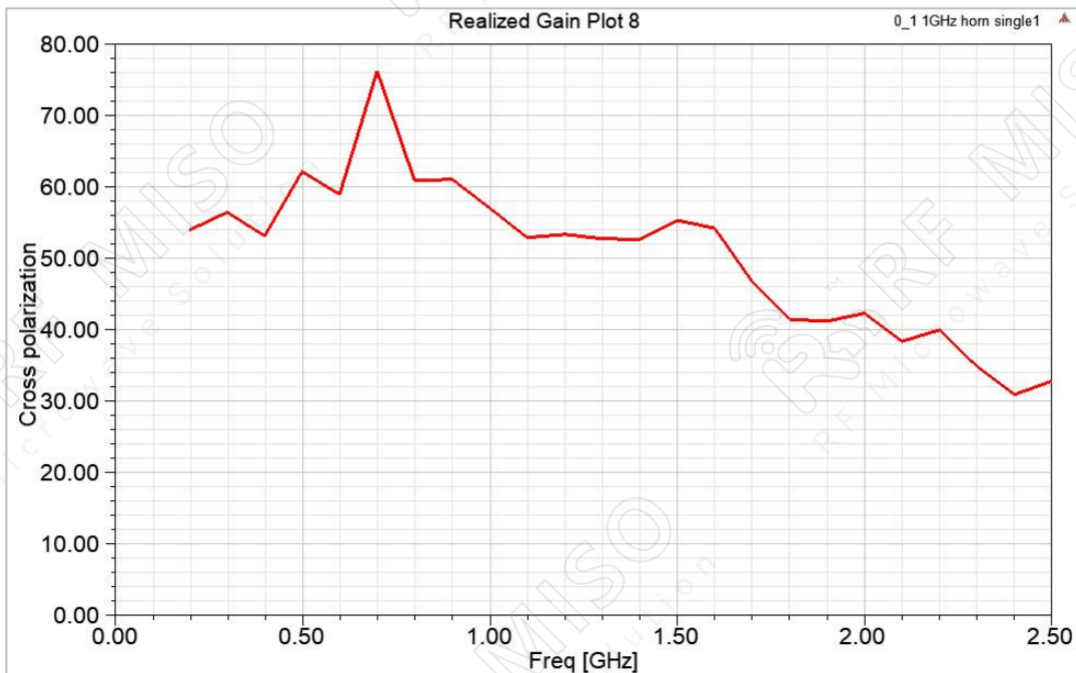
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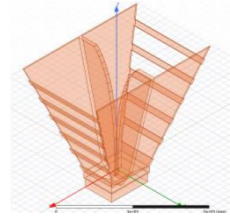
**RM-BDHA0225-10**

**Gain**



**Cross Polarization**





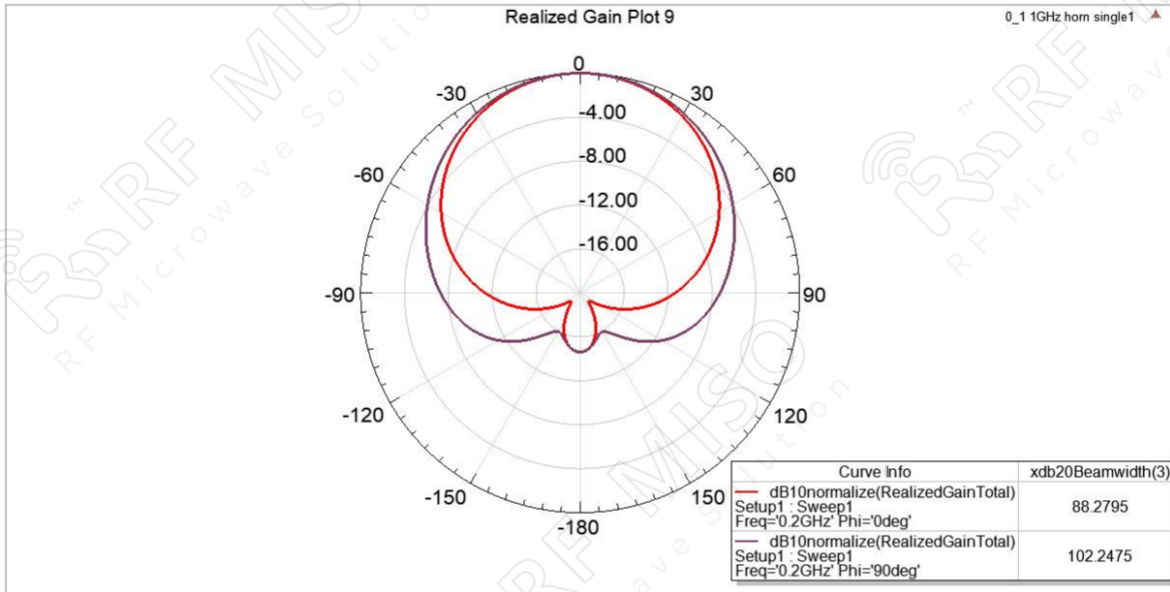
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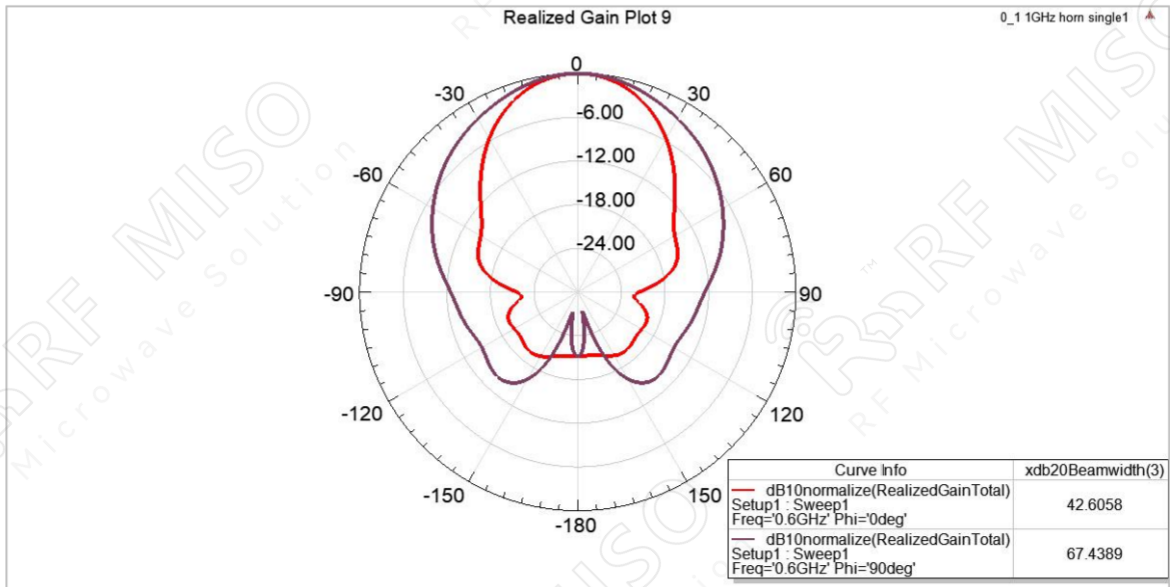
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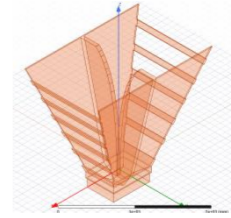
**Gain Pattern**

**0.2 GHz**



**0.6 GHz**



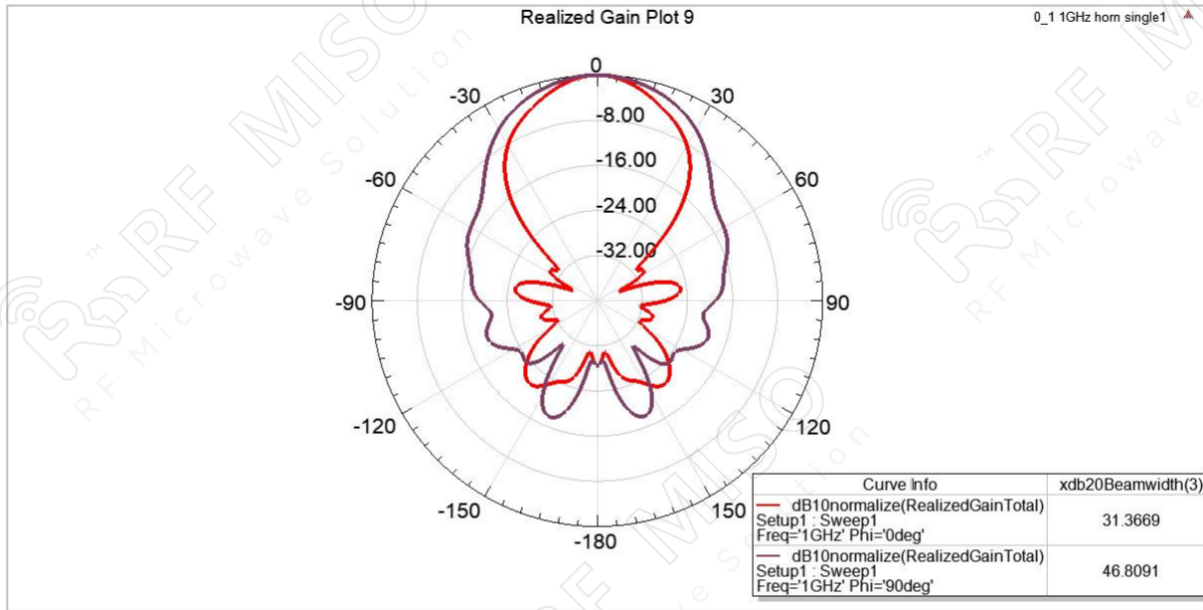


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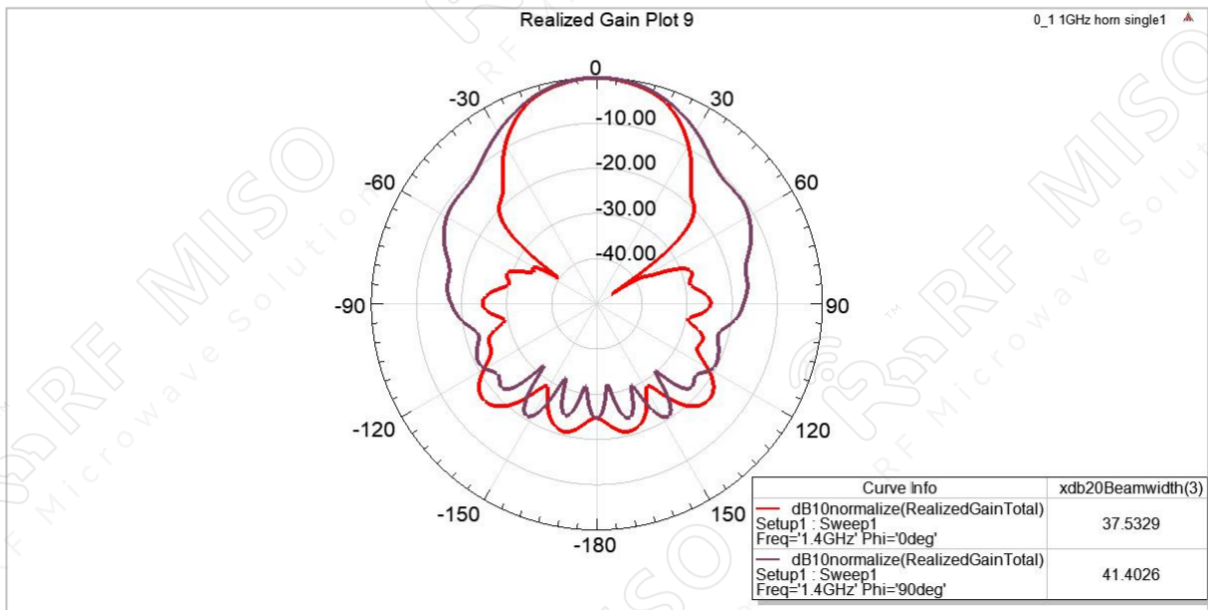
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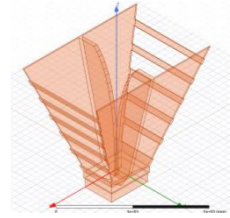
**RM-BDHA0225-10**

**1 GHz**



**1.4 GHz**



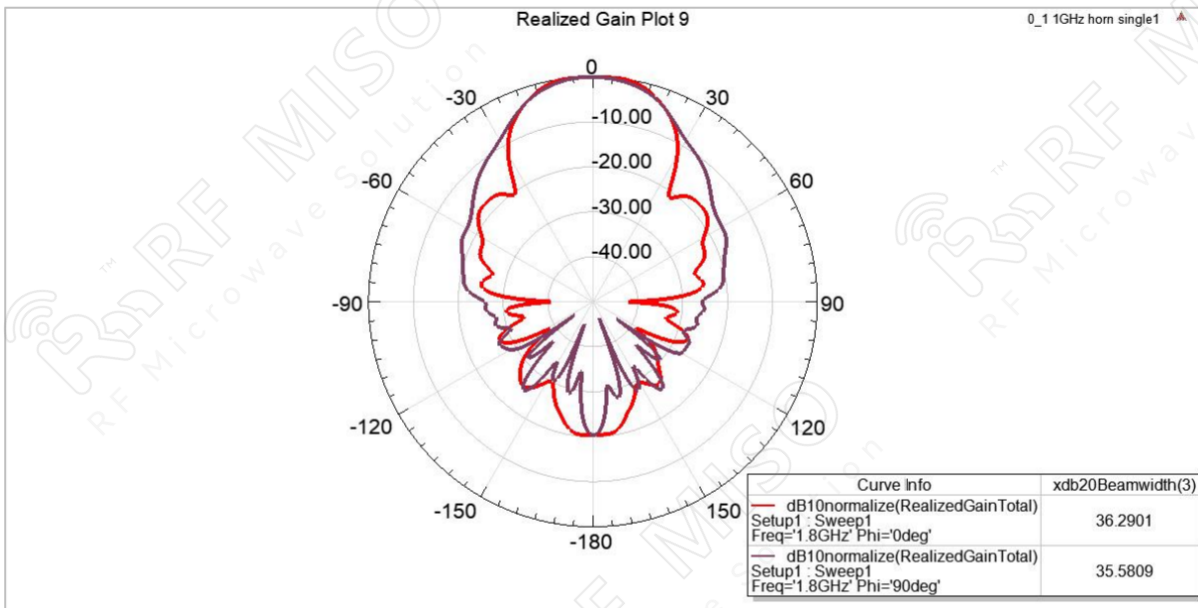


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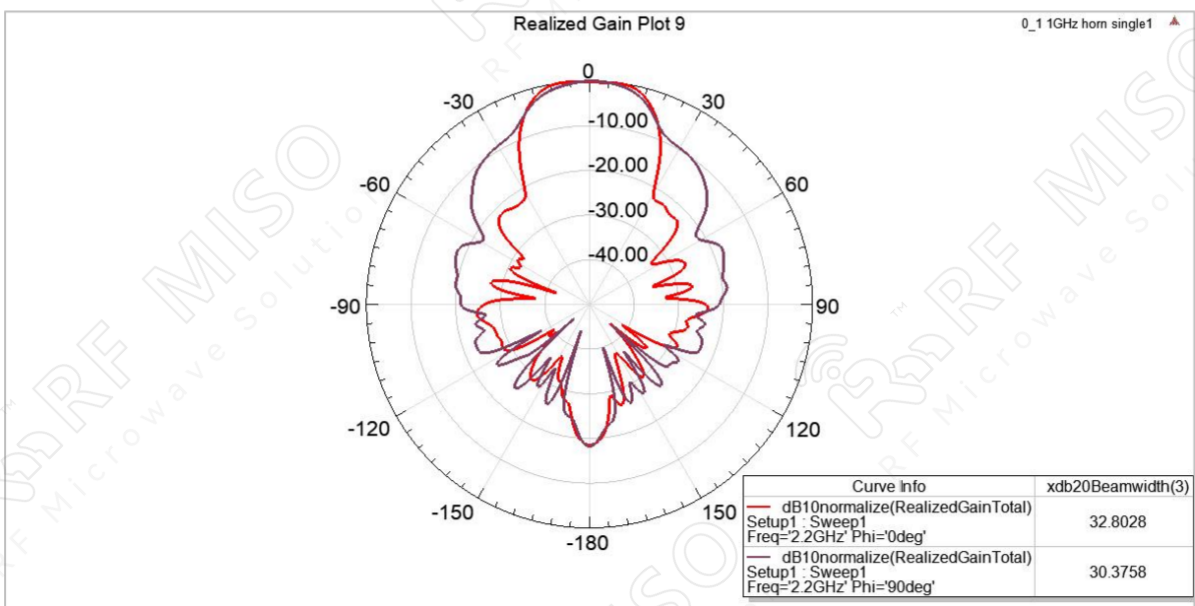
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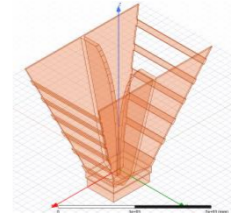
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**1.8 GHz**



**2.2 GHz**





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2.5 GHz

