

*Broadband Horn Antenna  
1-18 GHz Frequency Range, Gain 10 dBi Typ.*



## Broadband Horn Antenna Data Sheet

**RM-BDHA118-10**

### Features

- Ideal for Antenna Measurements
- Low VSWR
- Moderate Gain
- Broadband Operation
- Linear Polarization
- Small Size

### Descriptions

RF MISO's **Model RM-BDHA118-10** is a linear polarized broadband horn antenna that operates from 1 to 18 GHz. The antenna offers a typical gain of 10 dBi and low VSWR 1.5:1 with SMA-Female connector. It is ideally applied for EMC/EMI testing, surveillance and direction finding systems, antenna system measurements and other applications.

### Specifications

<b>RM-BDHA118-10</b>		
Item	Specification	Unit
Frequency Range	1-18	GHz
Gain	10 Typ.	dBi
VSWR	1.5 Typ.	
Polarization	Linear	
Cross Po. Isolation	30 Typ.	dB
Connector	SMA-Female	
Finishing	Paint	
Material	Al	
Size(L*W*H)	182.4*185.1*116.6(±5)	mm
Weight	0.603	kg

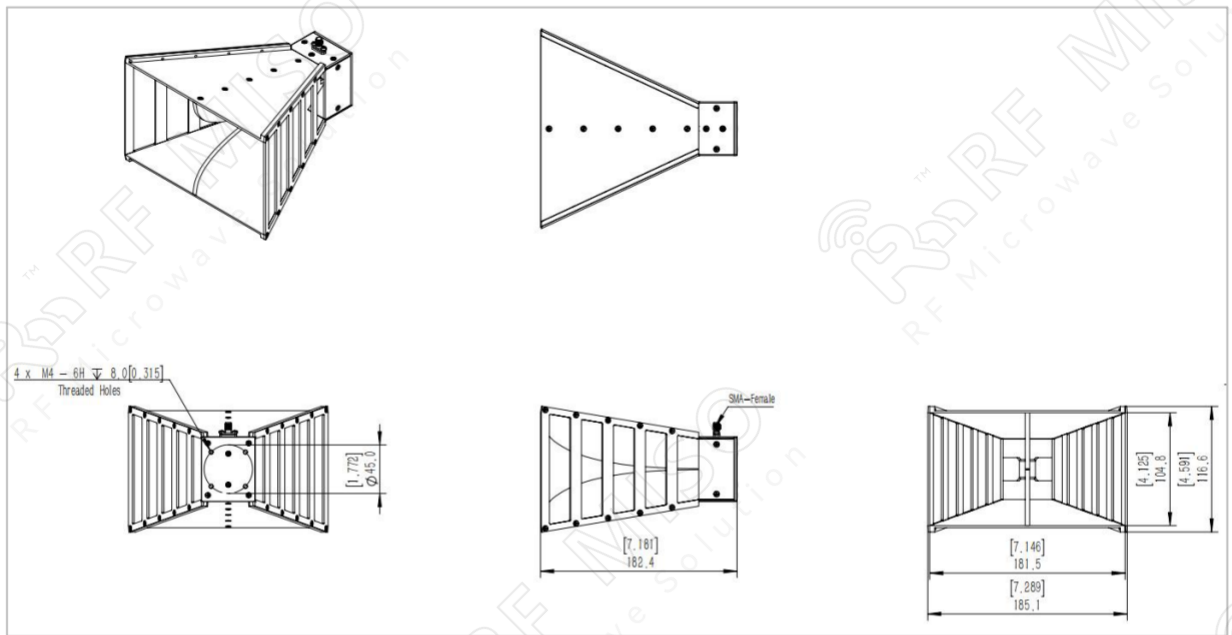
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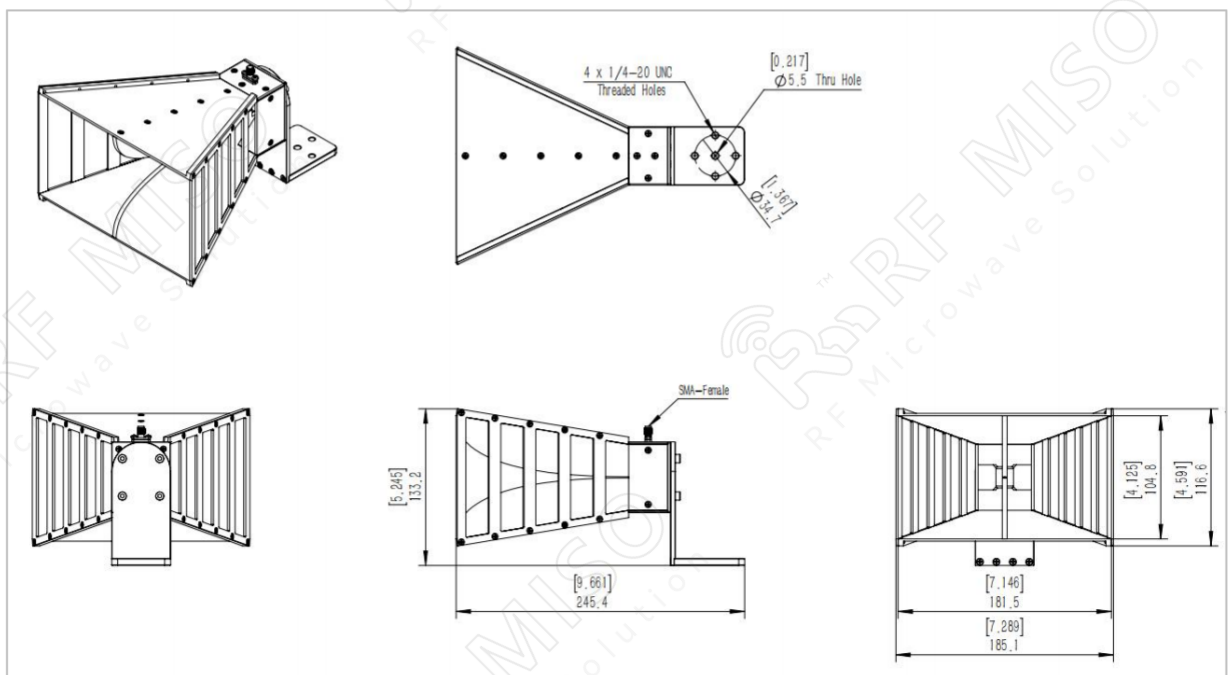
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**Mechanical Drawing**



**Mechanical Drawing with L-Type Mounting Bracket**



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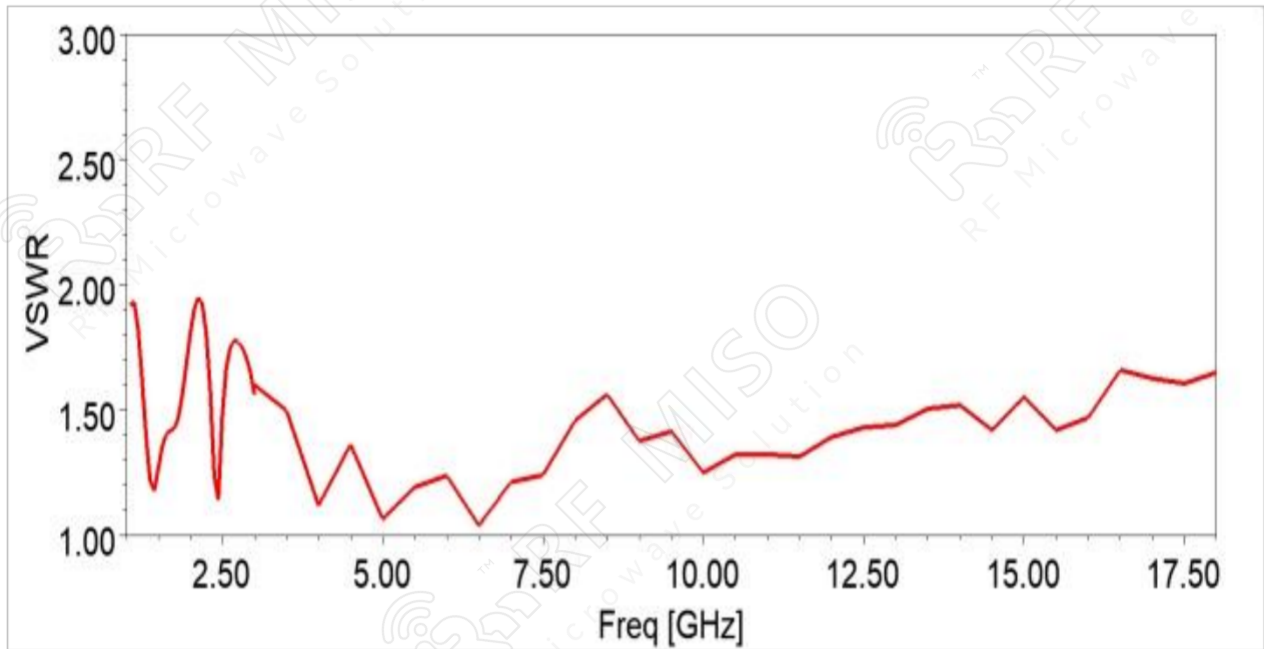


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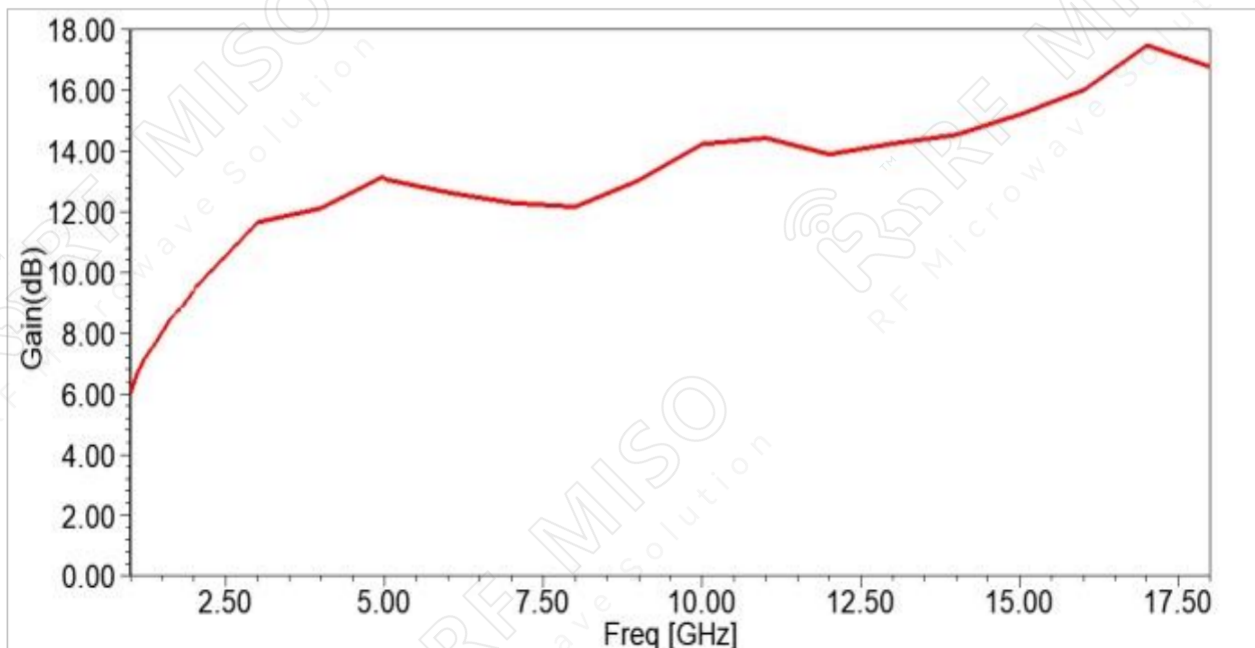
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**Simulation Result**

**VSWR**



**Gain**

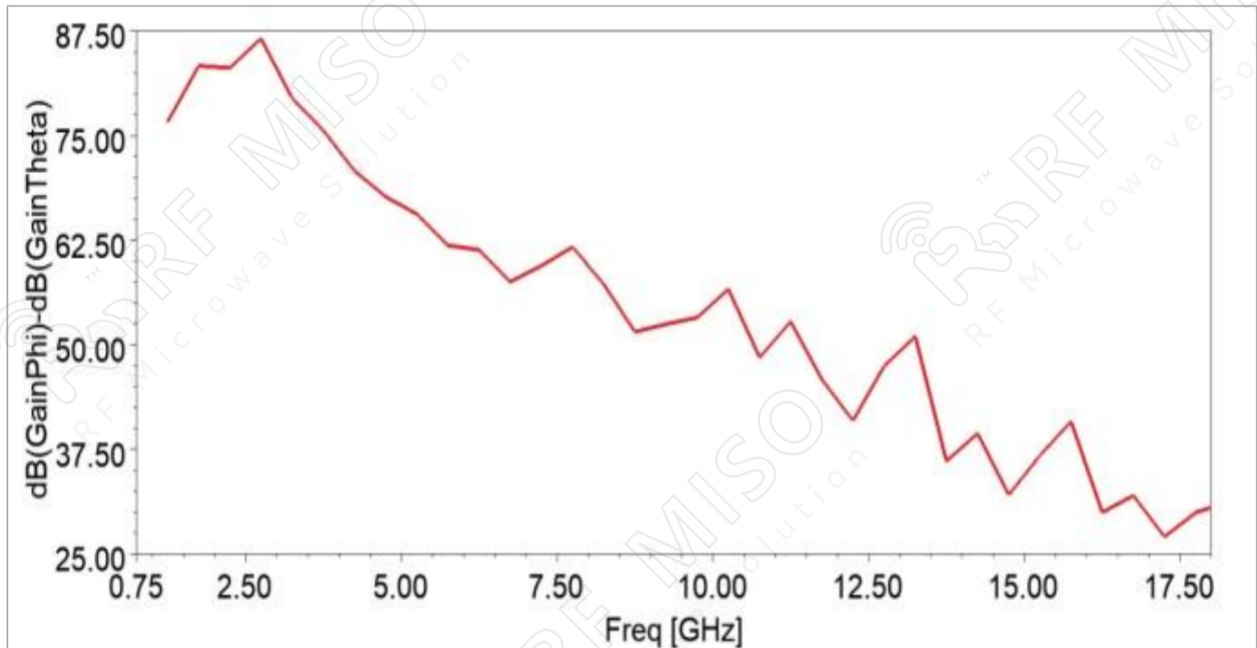


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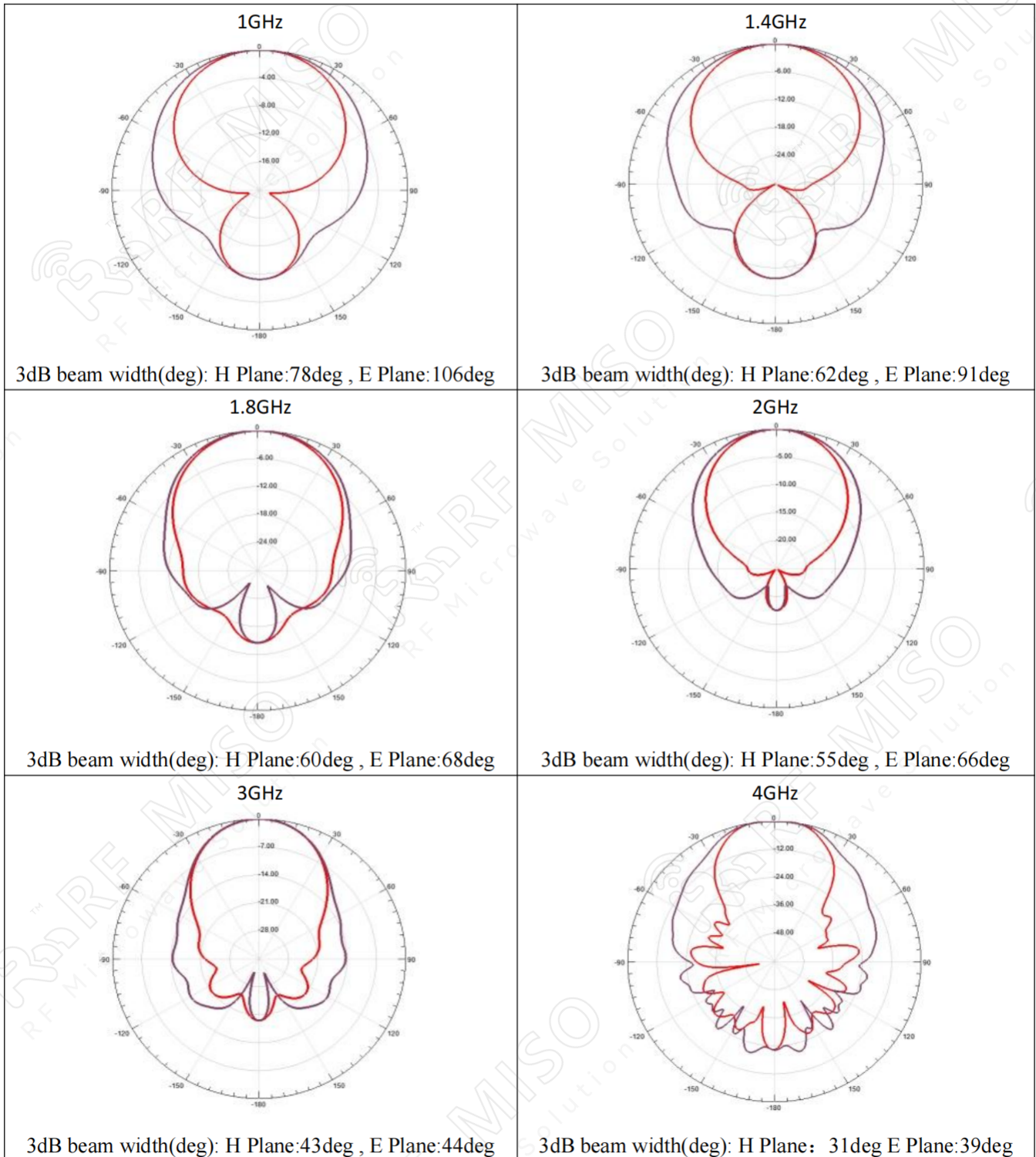
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**Gain Pattern**



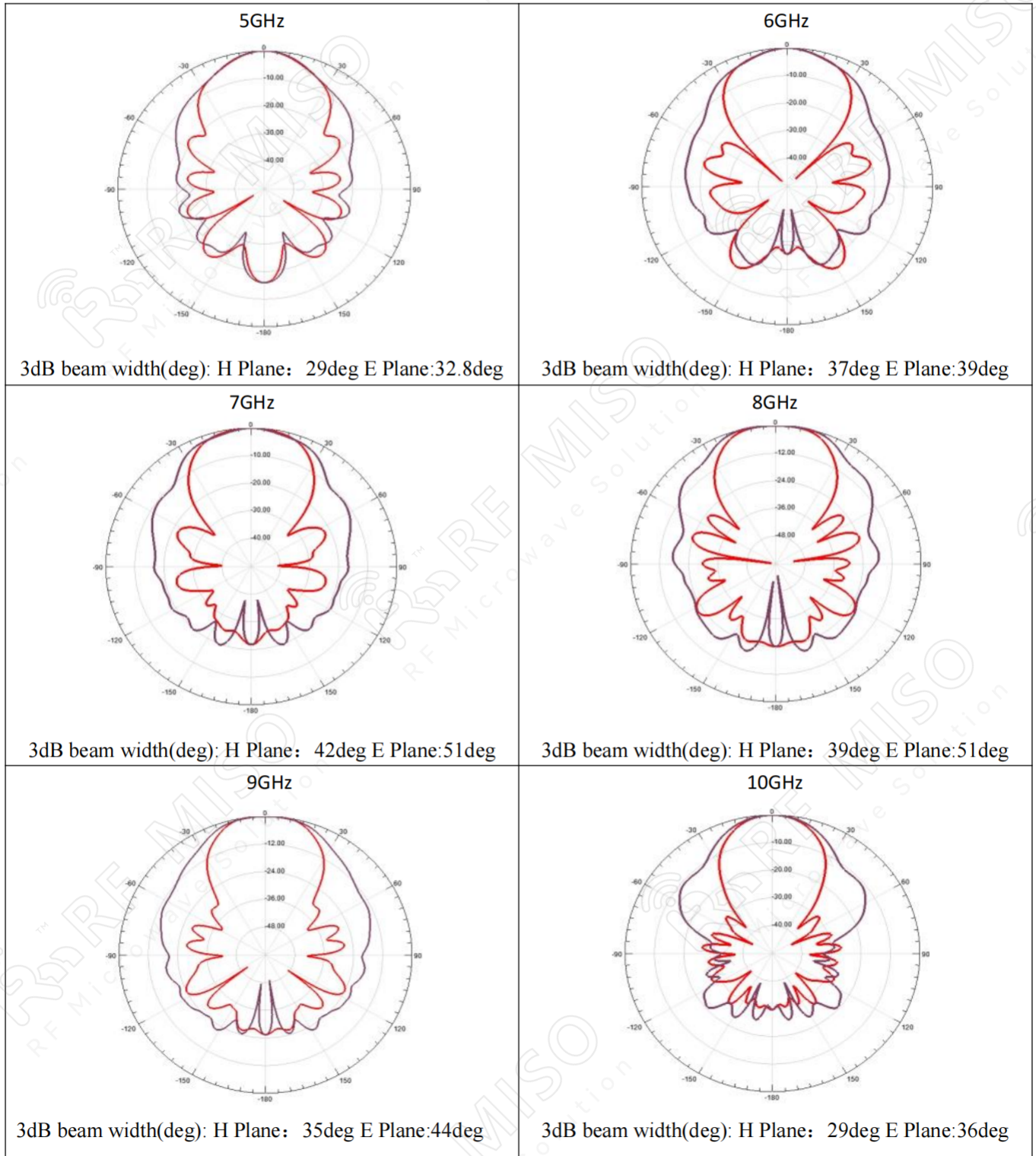


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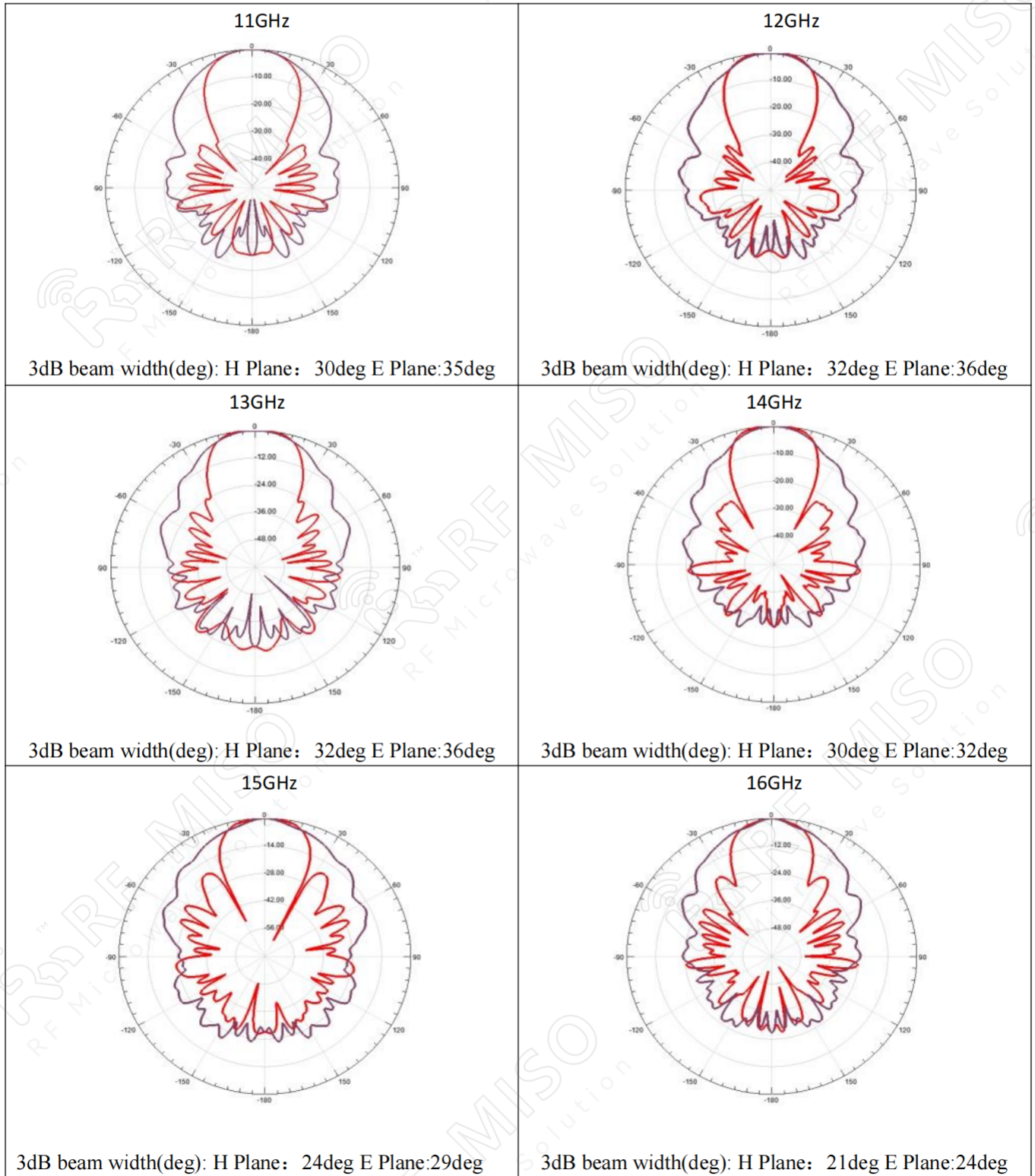


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