

Standard Gain Horn Antenna  
7dBi Typ. Gain, 1.1-1.4 GHz Frequency Range

## Standard Gain Horn Antenna Data Sheet

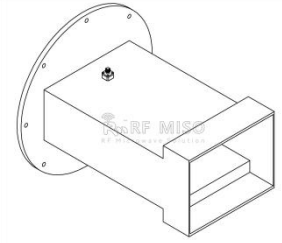
**RM-SGHA650-7**

### Descriptions

RF MISO's **Model RM-SGHA650-7** is a linear polarized standard gain horn antenna that operates from 1.1 to 1.4 GHz. The antenna offers a typical gain of 7 dBi and low VSWR <1.5. This antenna has flange input and coaxial input for customers to rotate.

### Specifications

Parameters	Specification	Unit
Frequency Range	1.1-1.4	GHz
Wave-guide	WR650	
Gain	7 Typ.	dBi
VSWR	<1.5	
Polarization	Linear	
3 dB Beamwidth, E-Plane	63.26~109.14	°
3 dB Beamwidth, H-Plane	61.24~73.86	°
Cross Polarization	55 Typ.	dB
Interface	SMA-Female	
Material	Al	
Finishing	Paint	
Size(L*W*H)	296*260*260 (±5)	mm
Weight	3.479	kg

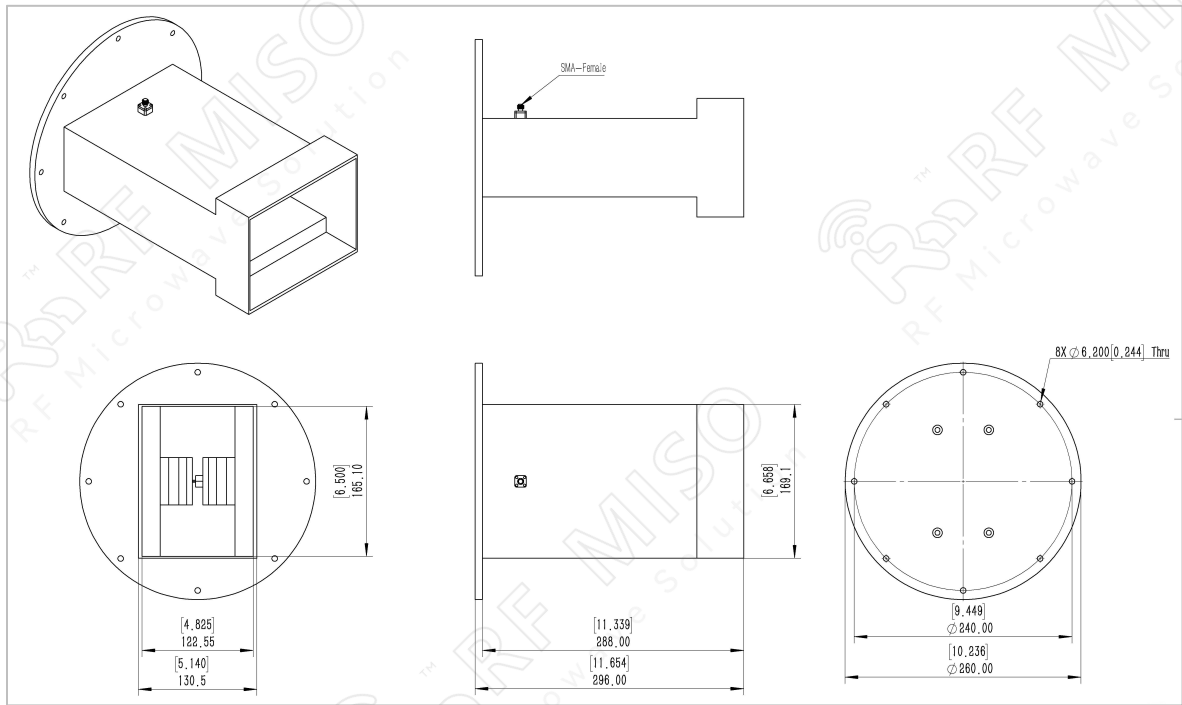


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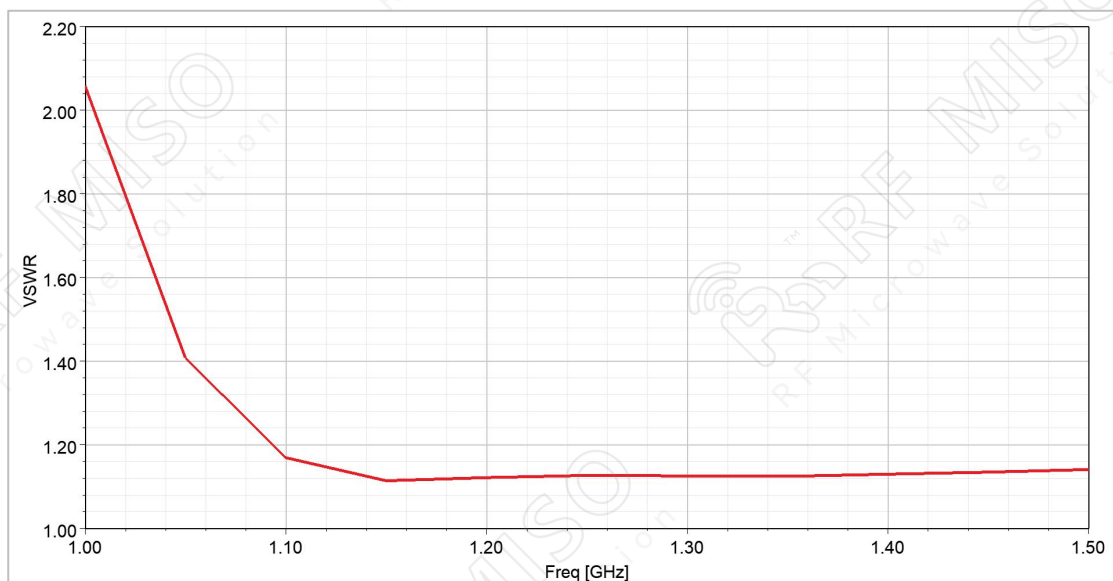
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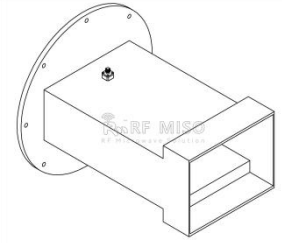
**RM-SGHA650-7**

**Outline Drawing**



**VSWR**



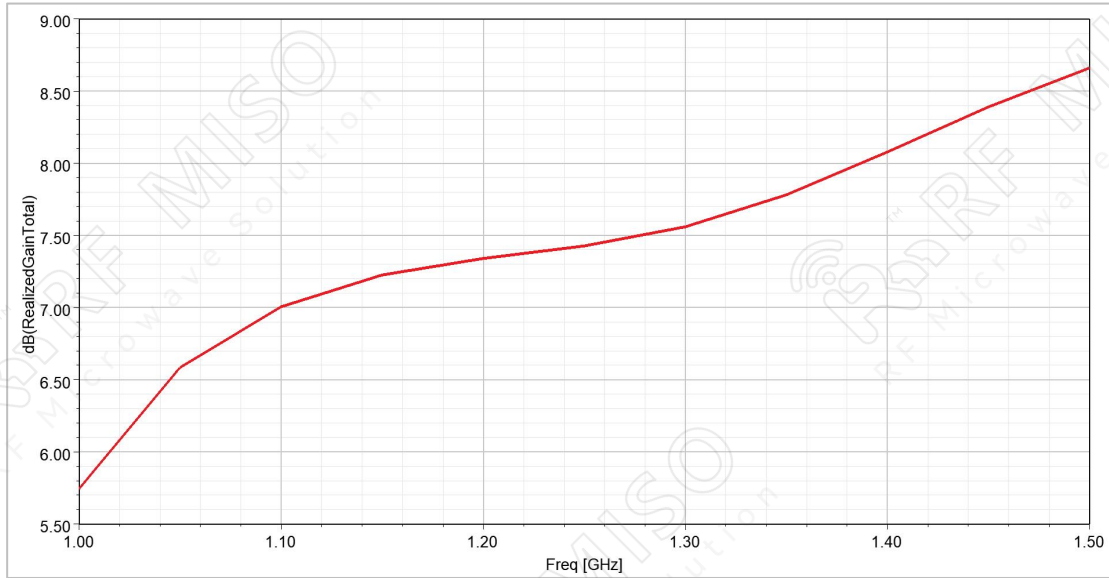


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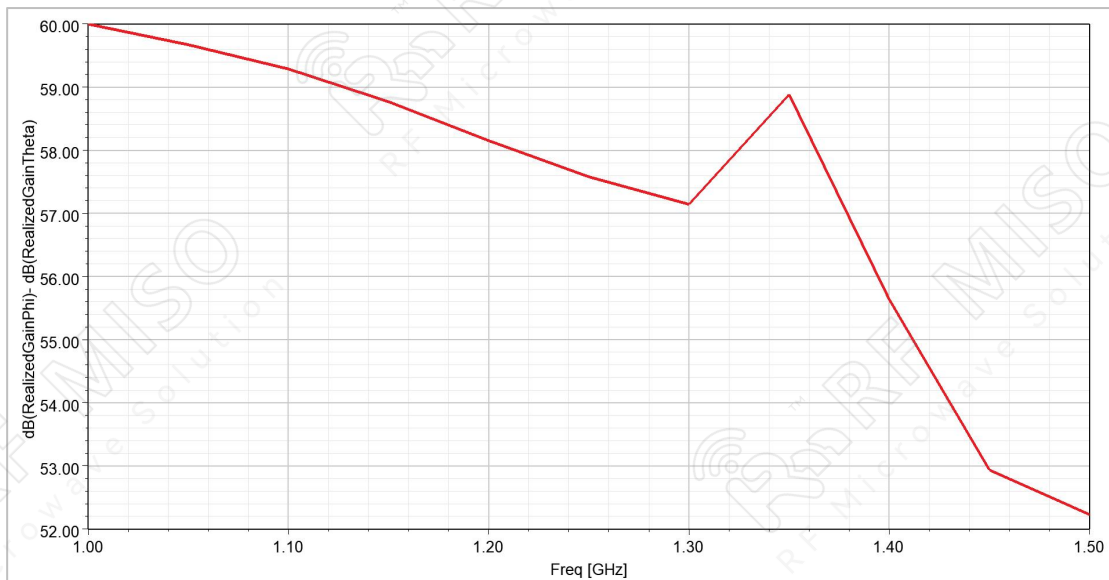
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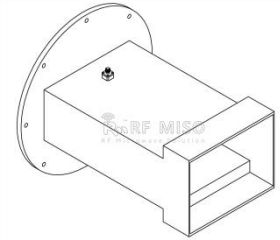
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Gain



Cross Polarization





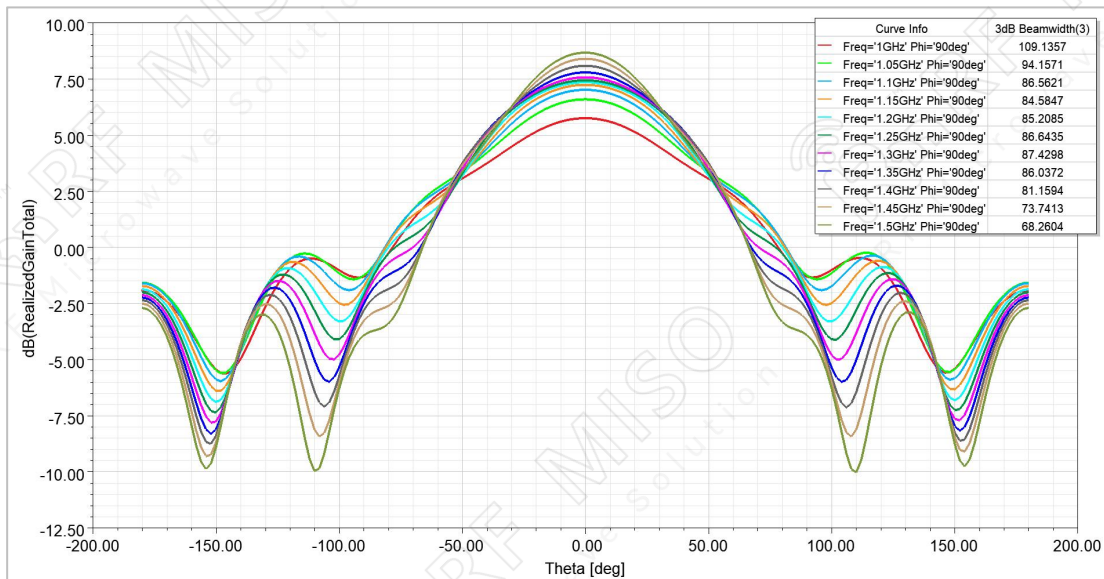
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**Gain Pattern**

**E Plane**



**H Plane**

