

Standard Gain Horn Antenna
25 dBi Typ. Gain, 325-500GHz Frequency Range

Standard Gain Horn Antenna Data

RM-SGHA2.2-25

Features

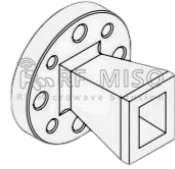
- Ideal for Antenna Measurements
- Linear Polarization
- Broadband Operation
- Small Size

Description

RF MISO's **Model RM-SGHA2.2-25** is a linear polarized standard gain horn antenna that operates from 325 to 500 GHz. The antenna offers a typical gain of 25dBi and low VSWR 1.15:1. This antenna has flange input and coaxial input for customers to rotate.

Specifications

RM-SGHA2.2-25		
Item	Specification	Units
Frequency Range	325-500	GHz
Wave-guide	2.2	
Gain	25 Typ.	dBi
VSWR	1.15:1	
Polarization	Linear	
Cross Polarization	50	dB
Material	Brass	
Size	17.36*19.1*19.1(±5)	mm
Weight	0.013	kg

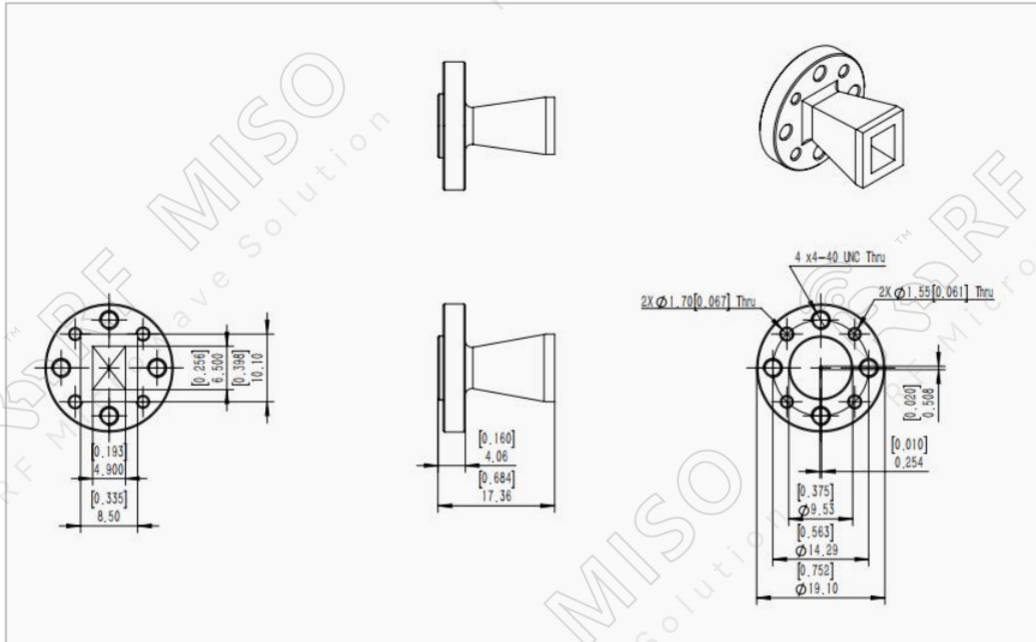


Standard Gain Horn Antenna
25 dBi Typ. Gain, 325-500GHz Frequency Range

Standard Gain Horn Antenna Data

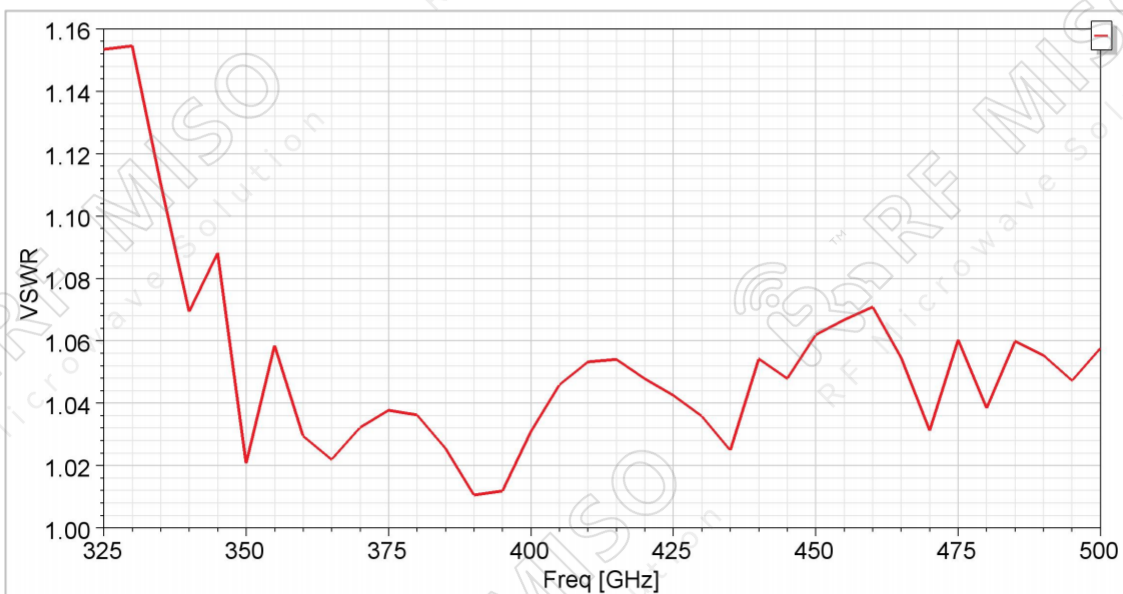
RM-SGHA2.2-25

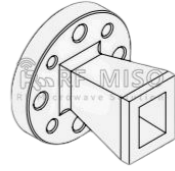
Outline Drawing



Simulated Data

VSWR



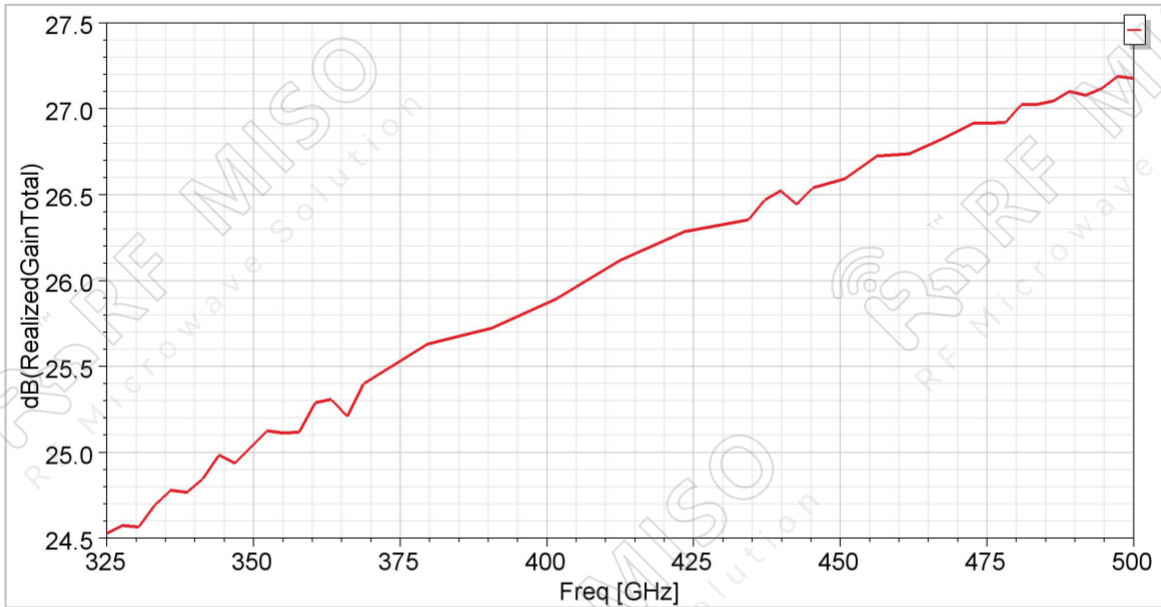


Standard Gain Horn Antenna
25 dBi Typ. Gain, 325-500GHz Frequency Range

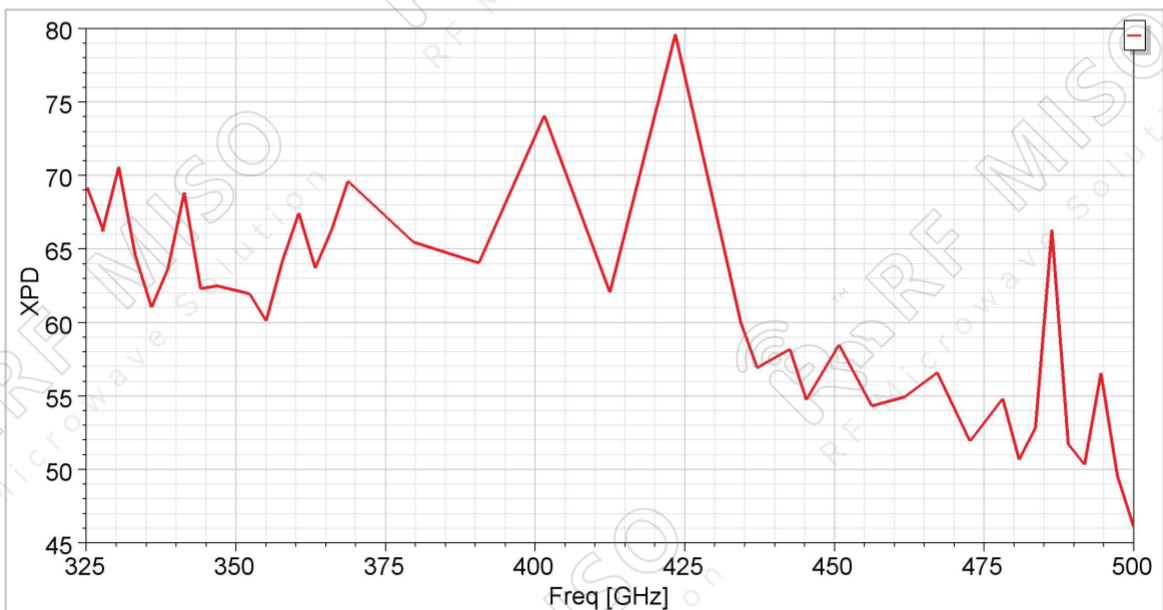
Standard Gain Horn Antenna Data

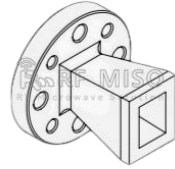
RM-SGHA2.2-25

Gain



Cross Polarization



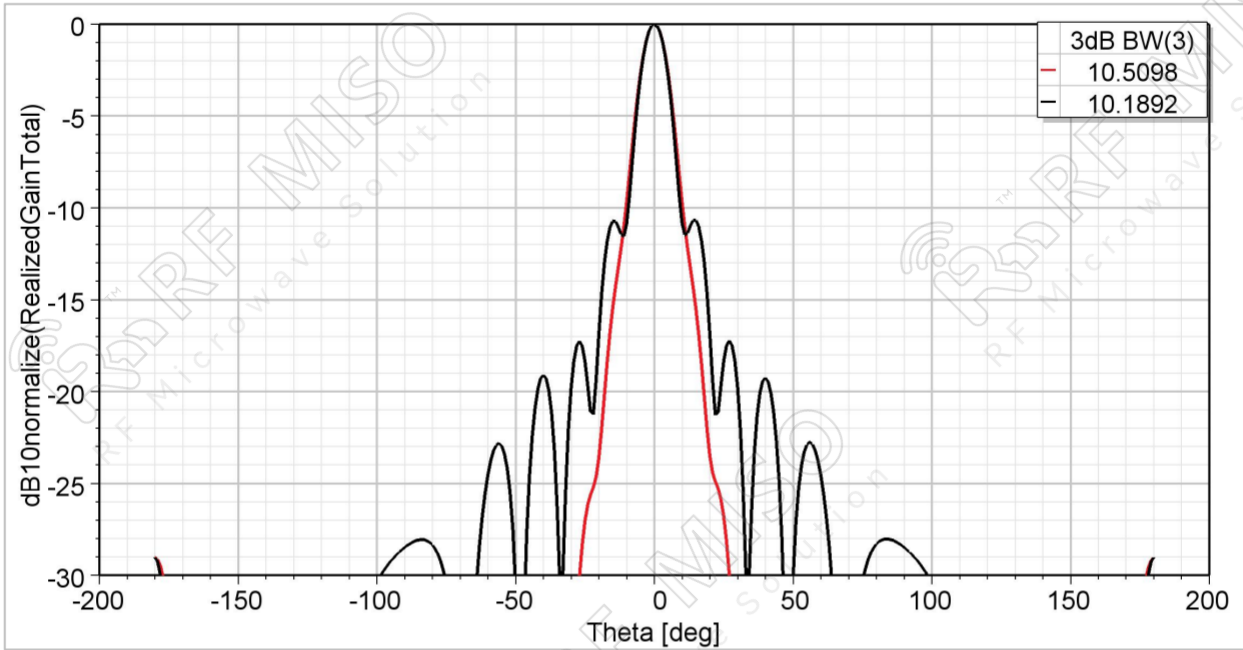


Standard Gain Horn Antenna
25 dBi Typ. Gain, 325-500GHz Frequency Range

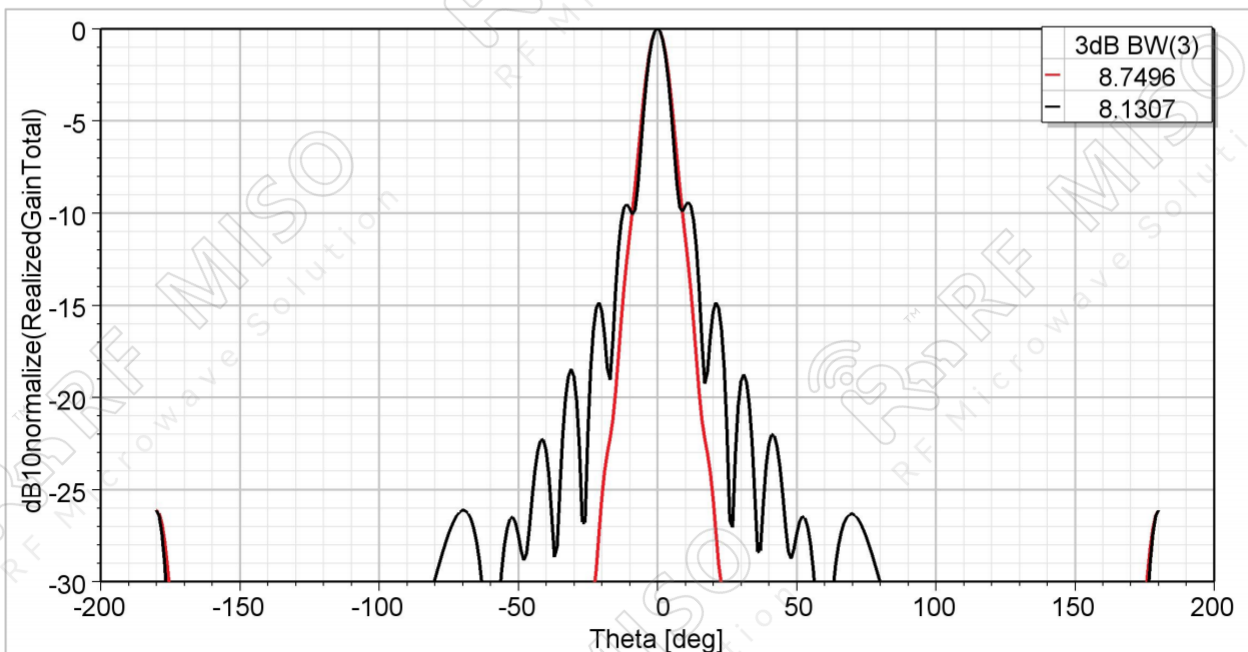
Standard Gain Horn Antenna Data

RM-SGHA2.2-25

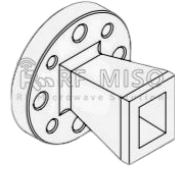
Gain Pattern



325GHz



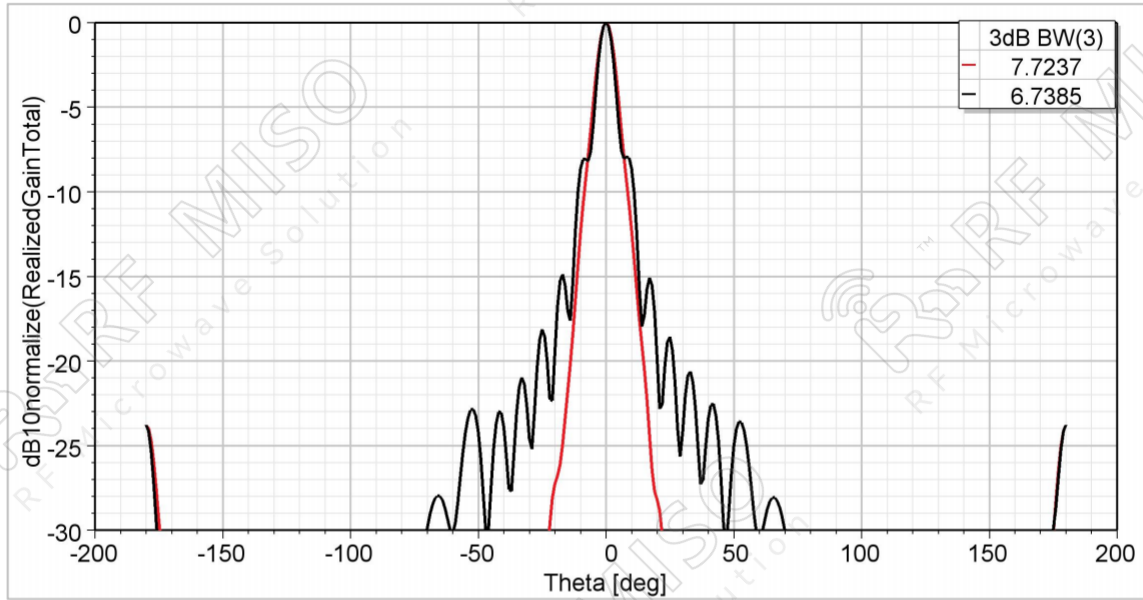
412.5GHz



Standard Gain Horn Antenna
25 dBi Typ. Gain, 325-500GHz Frequency Range

Standard Gain Horn Antenna Data

RM-SGHA2.2-25



500GHz