

Low noise Amplifier Module

Product Features

- Frequency: 200GHz~230GHz
- Gain =23dB
- NF=7.2dB
- Voltage regulator circuit integrated



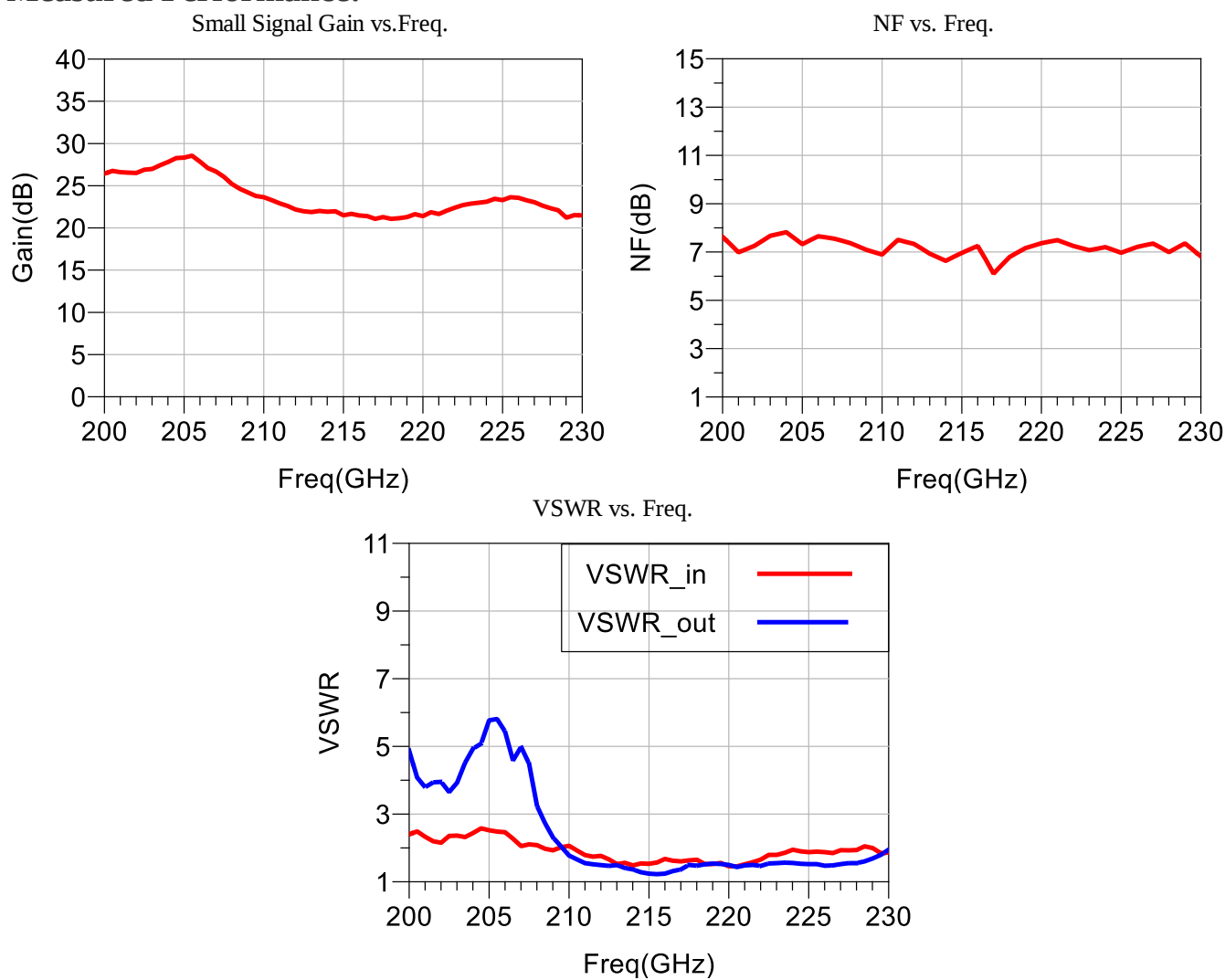
Electrical Specs:

Parameter	Minimum	Typical	Maximum
Frequency Range	200 GHz		230 GHz
Small Signal Gain		23dB	
Gain Flatness		±3.5dB	
Noise Figure		7.2dB	
Input Power			10dBm
Input VSWR		2.0	
Output VSWR		2.0	
DC Voltage	+5V	+7V	+8 V
DC Supply Current		38 mA	
Specification Temperature	10 °C	+25 °C	40 °C
Operating Temperature	0 °C		+50 °C

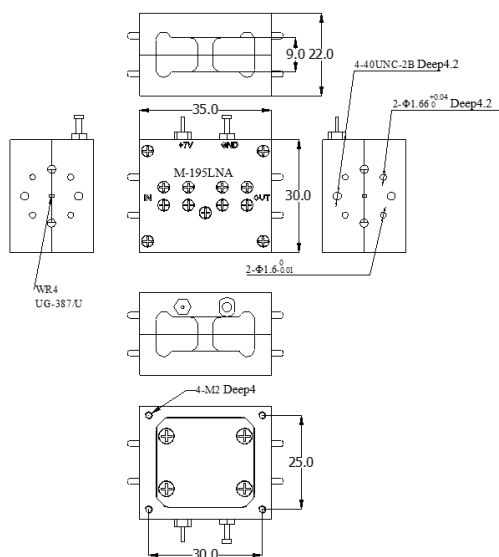
Mechanical Specs:

Item	Specification
Input	WR-04 Waveguide with W/UG-387/U-M Flange
Output	WR-04 Waveguide with W/UG-387/U-M Flange
Bias	Solder Pin
Case Material	Brass
Finish	Gold Plated
Weight	0.15kg
Size (W×L×H)	35 mm×30 mm×22 mm

Measured Performance:



Mechanical Outline:



Notes:

1. Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
2. This data is the typical performance for the reference.