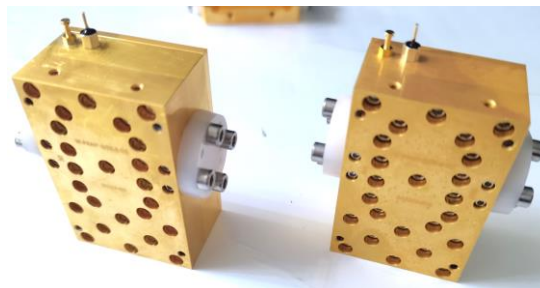


Power Amplifier Module

Product Features

- Frequency: 92-96GHz
- Psat=36dBm
- Single power supply
- Overheat and over-current protection
- Over-voltage and under-voltage protection
- Input overload protection



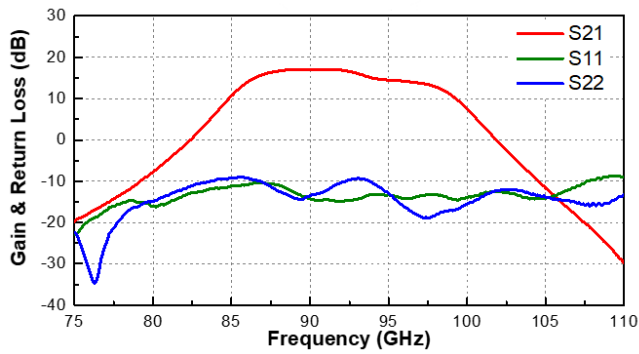
Electrical Specs:

Parameter	Minimum	Typical	Maximum
Frequency Range	92 GHz		96 GHz
Gain	13 dB	15 dB	
Saturated Output Power	36 dBm		
Input Return Loss		10 dB	
Output Return Loss		10 dB	
DC Voltage		+18.5V	+19V
DC Supply Current			3.5A
Specification Temperature		+25 °C	
Operating Temperature	0 °C		+50 °C

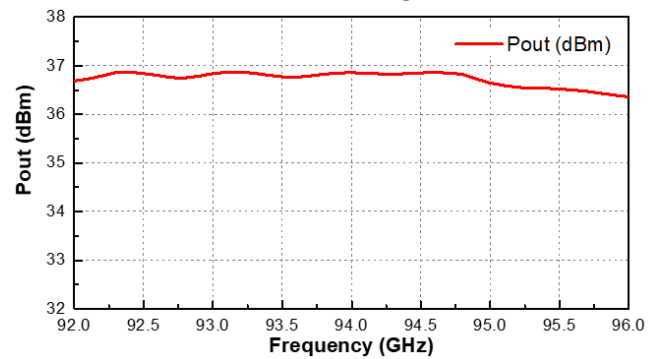
Mechanical Specs:

Item	Specification
Input	WR-10 Waveguide with W/UG-387/U-M Flange
Output	WR-10 Waveguide with W/UG-387/U-M Flange
Bias	Solder Pin
Case Material	Brass
Finish	Gold Plated
Weight	0.25kg
Size (W×L×H)	33mm×21.6mm×50mm

Measured Performance:

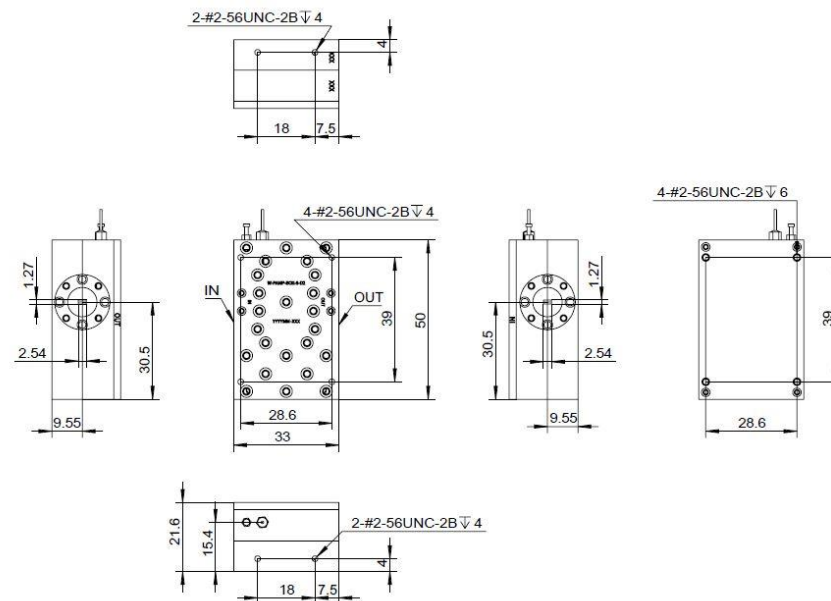


Small signal gain and S-parameters vs. Freq.



Psat vs. Freq.(Pin=30dBm)

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.