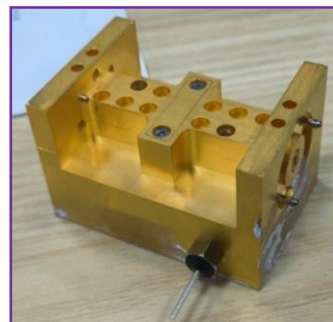


Power Amplifier Module

Product Features

- Frequency: 75-110GHz
- Psat=30dBm
- Single power supply



Electrical Specs:

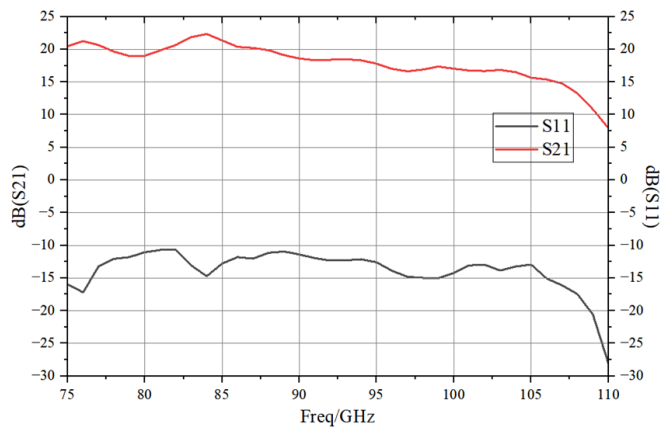
Parameter	Minimum	Typical	Maximum
Frequency Range	75 GHz		110 GHz
Small Signal Gain		18dB	
Saturated Output Power		30dBm	32dBm
DC Voltage	+15V	+16V	+20 V
DC Supply Current		730 mA	600mA
Specification Temperature		+25 °C	
Operating Temperature	0 °C		+50 °C

Mechanical Specs:

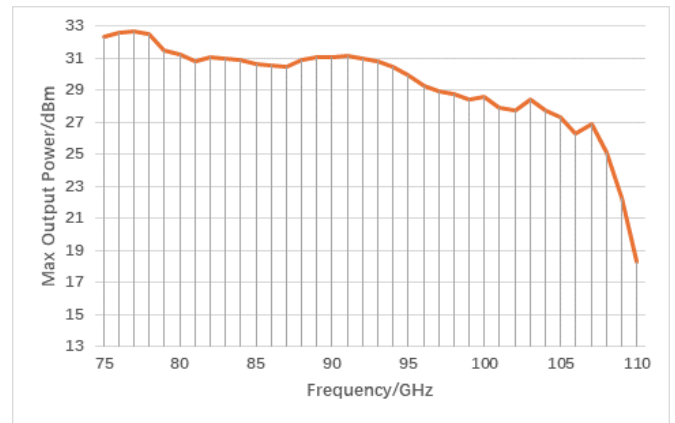
Item	Specification
Input	WR-10 Waveguide with W/UG-387/U-M Flange
Output	WR-10 Waveguide with W/UG-387/U-M Flange
Bias	Solder Pin
Case Material	Brass
Finish	Gold Plated
Weight	0.28kg
Size (W×L×H)	45mm*31mm*27mm

Measured Performance:

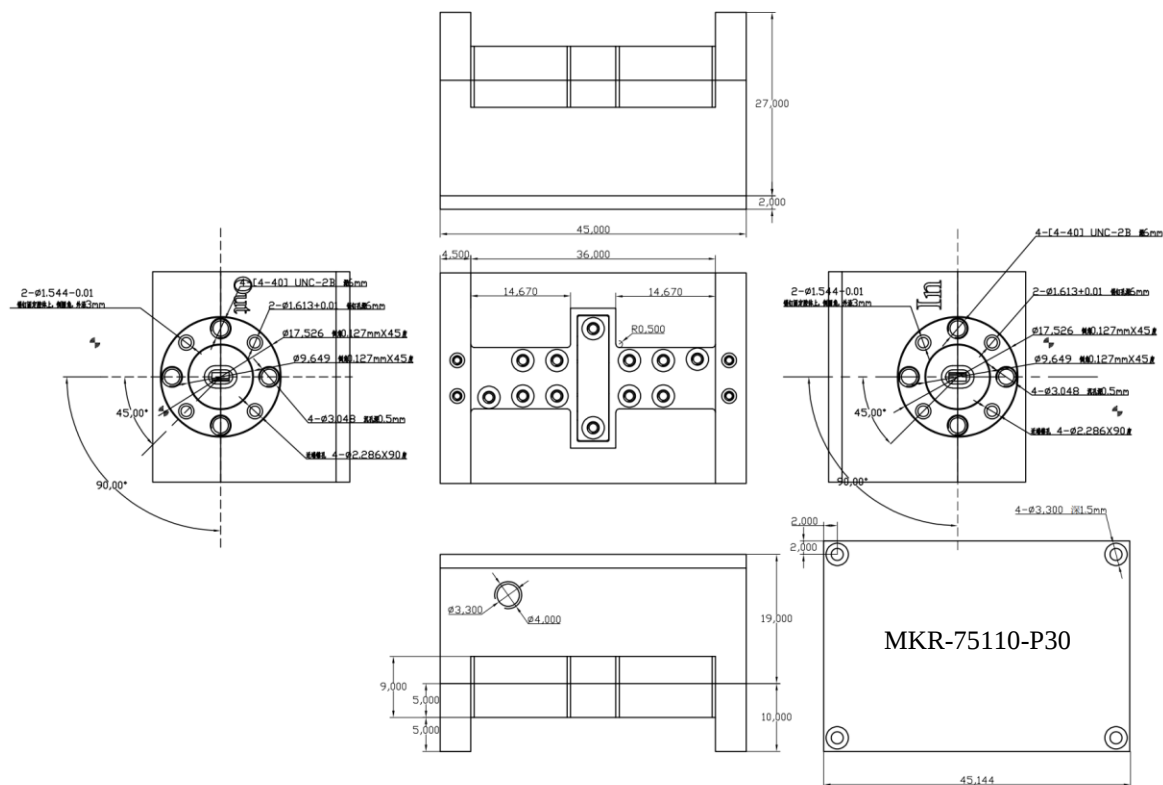
Small signal gain vs. Freq.



Pout vs. Freq.



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.