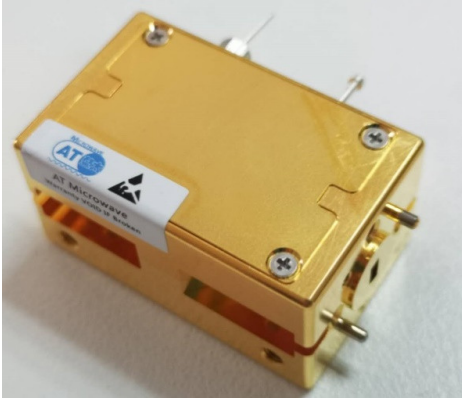


## V Band High Power Amplifier



### Product Overview

AT-PA-5565-2526 is high power amplifier with +27dBm output power in the frequency of 55-65GHz. The DC power requirement is +5V/2100mA. The module is with a standard WR-15 waveguide.

The power amplifier has high gain, high linearity, low input/output return loss and flat gain response.

More information, please visit [www.atmicrowave.com](http://www.atmicrowave.com)

### Advantages

- ✓ Frequency: 55-65GHz
- ✓ Psat:+26dBm
- ✓ Small signal gain: 25dB
- ✓ Single Power Supply

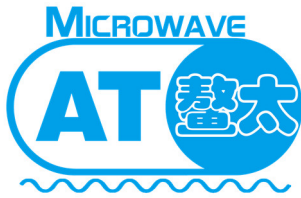
### Application

- ✓ V Band Communication
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System

## Key Features

Parameter	Min	Typical	Max
Frequency	55	57-64GHz	65
Gain	23	25dB	
P1Db		+25dBm	
Psat		+26dBm	
Drain Supply		+5V	+7V
Current		2100 mA	
Input Return Loss		-8dB	
Output Return Loss		-10dB	
Dimension		50x25x20 mm	
Material		Brass	





# AT-PA-5565-2526

55-65GHz High Power Amplifier, Psat=+26dBm

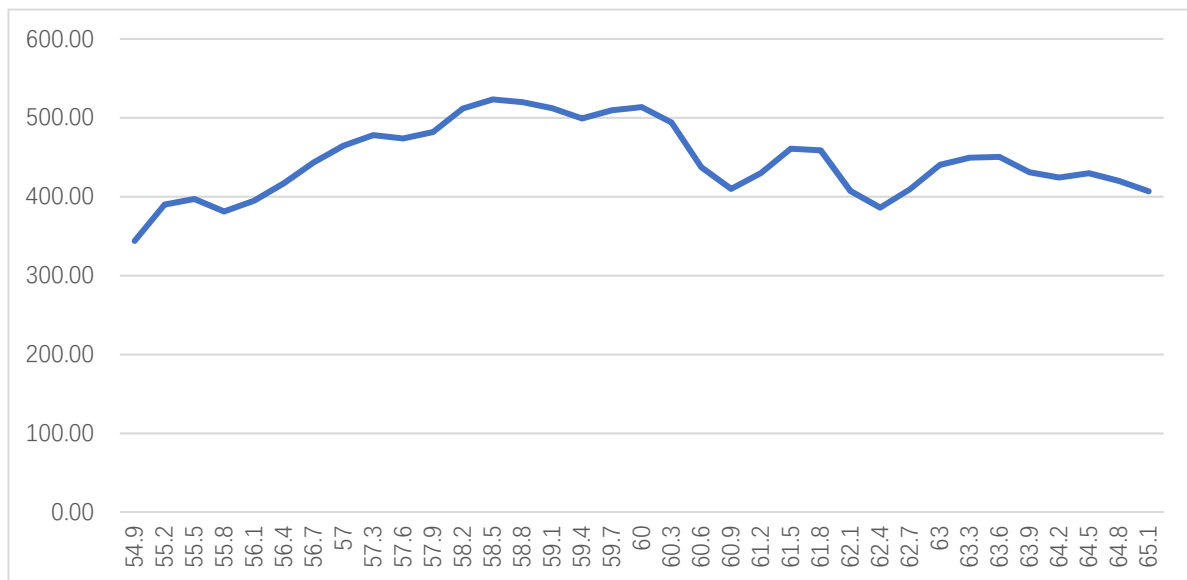
## Absolute Maximum Ratings Table

Parameter	Value
Drain Supply	+7V
RF Input Power	+10dBm
Operating Temperature	0 to +50C
Storage Temperature	-65 to +150C

### Caution:

Please pay attention to the case temperature. If case temperature exceed higher than +50C, heat sink and fan are required, or the amplifier may be damaged.

## Test Data:



Pout Vs Frequency



### Dimension: (unit in mm)

Dimension may be changed. Please contact with us for the final dimension.

