

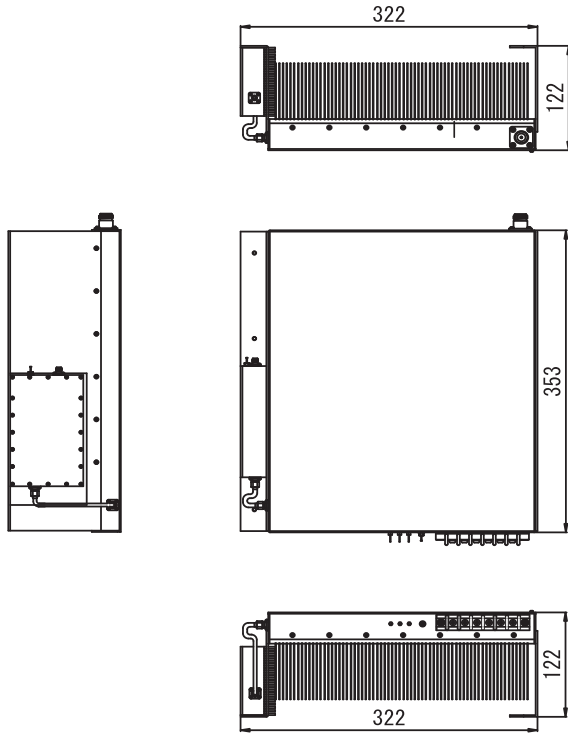
# GaN 150W AMPLIFIER



## R&K-GA0827-4552-M

### OUTLINE DRAWING

※IN MILLIMETERS



- Broadband Frequency : 800~2700MHz
- Output Power : +51.8dBm
- Gain Flatness : ±2.0dB (max.)
- Ultra Wide Band Power Amplifier

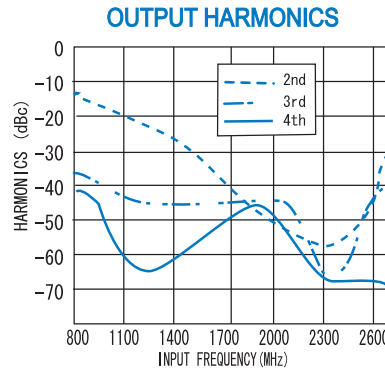
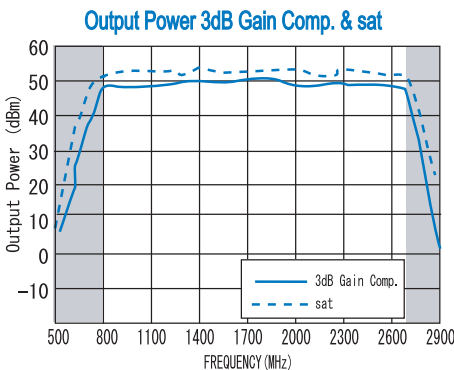
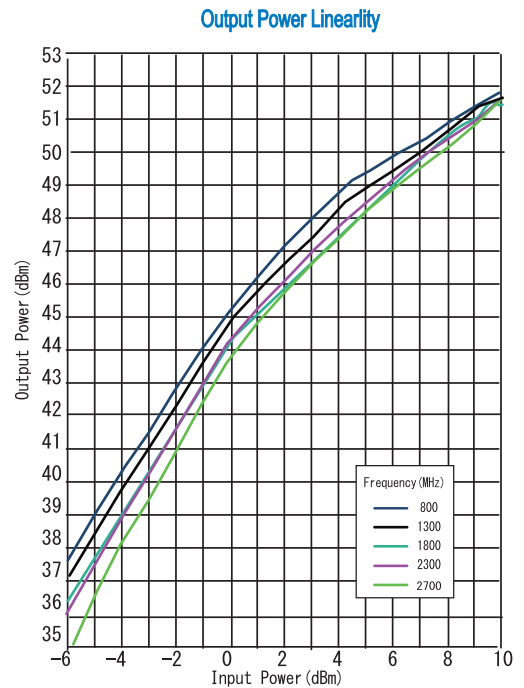
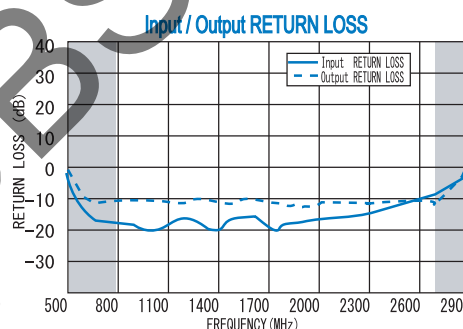
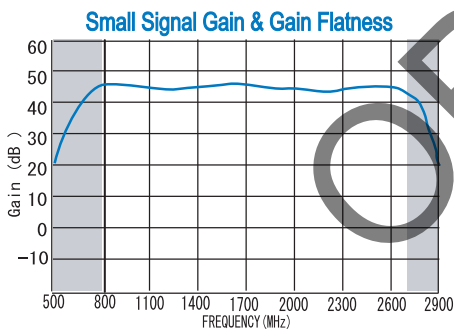
### SPECIFICATIONS

Frequency Range	: 800 – 2700MHz
Small Signal Gain	: +45dB (typ.)
Gain Flatness	: ±2.0dB (max.)
Output Power	
@3dB Comp.	: +50dBm (typ.) @ +25°C
@sat.	: +51.8dBm (typ.) @ +25°C
Impedance	: 50Ω
Input RETURN LOSS	: ≤ -10dB (typ.)
Output RETURN LOSS	: ≤ -10dB (typ.)
DC Supply Input	: +36V 28A(max.)
Maximum RF Input Power	: +10dBm
Operating Temperature	: -10°C to +45°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF-IN SMA-FEMALE RF-OUT N-FEMALE
Cooling	: Integral Forced Air Cooling

### HOW TO ORDER

Model Name  
R&K-GA0827-4552-M No Option

### TYPICAL PERFORMANCE (Temp @ +25°C)



R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, R&K cannot export products to any country for use in military or defense applications.

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