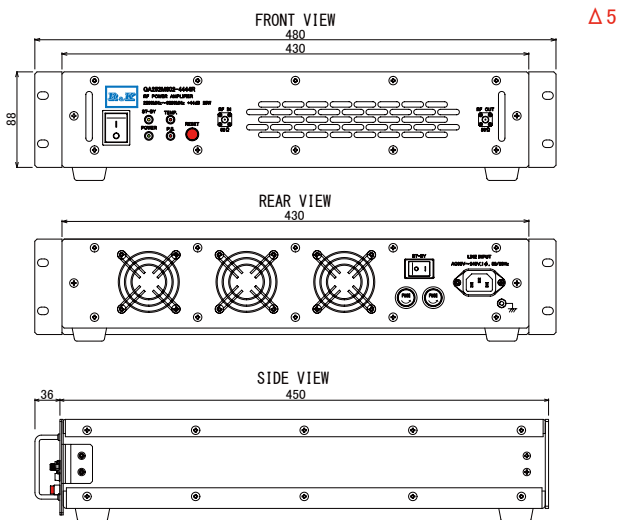


## GA252M602-4444R



### OUTLINE DRAWING

※IN MILLIMETERS



△5

- Ultra Wide Band Power Amplifier
- Broadband Frequency: 2500MHz ~ 6000MHz
- Output Power (CW) : 25W (min.) @3dB Comp.
- With Output Circulator

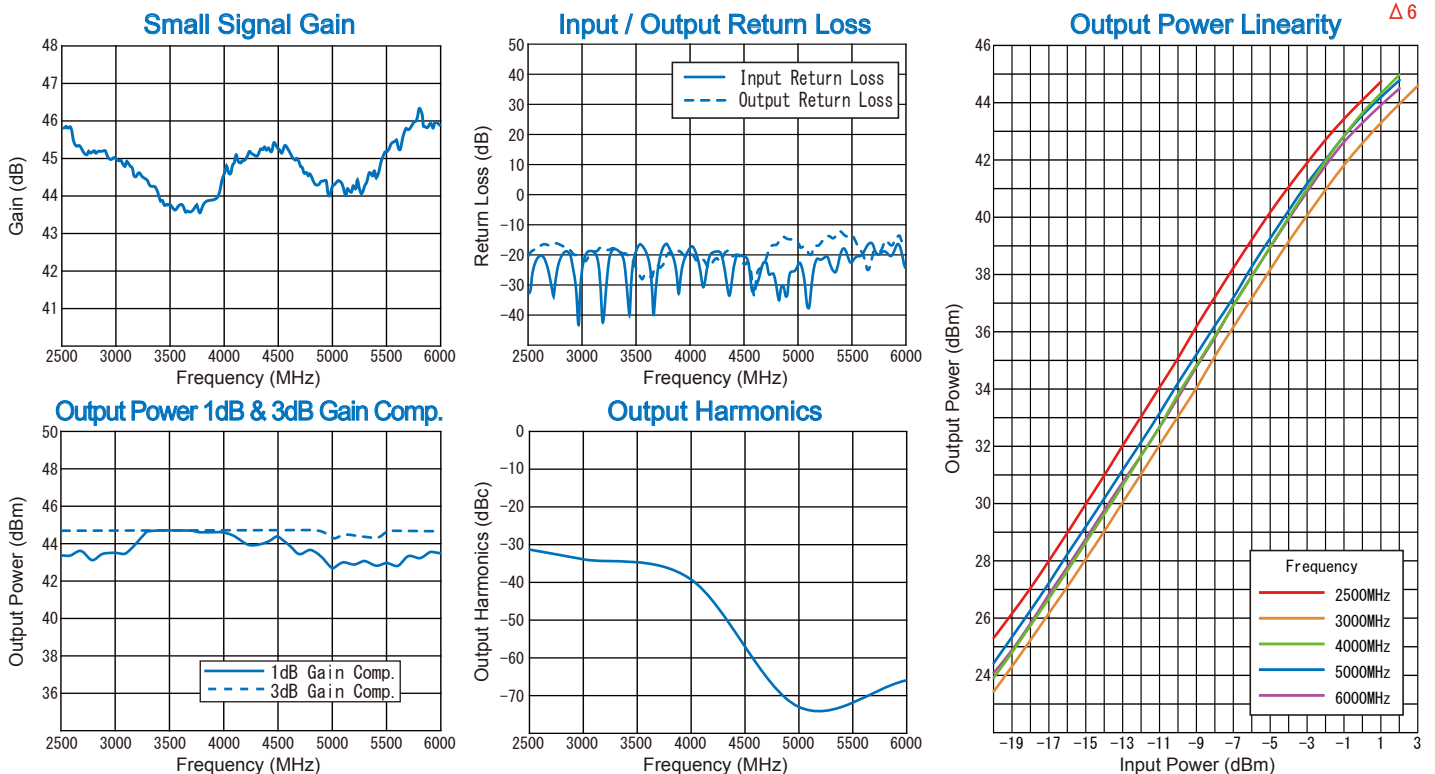
### APPLICATION

- EMC(Electromagnetic Compatibility)
- Accelerator Application
- Telecommunication Test and Measurement Application
- Etc...

### SPECIFICATIONS @ +25°C

Frequency Range	: 2500MHz ~ 6000MHz
Small Signal Gain	: +44.0dB (typ.) , +43.0dB (min.)
Gain Flatness	: ±3.5dB (max.)
Output Power (CW)	: 25W (min.) @3dB Comp. <b>△2</b> 20W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +49.0dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=25W
Spurious	: -60.0dBc (max.) @Po=25W
Impedance	: 50Ω
Input Return Loss	: 9.5dB (min.) / VSWR : 2.0 (max.)
Output Return Loss	: 9.5dB (min.) / VSWR : 2.0 (max.)
Maximum RF Input Power	: +5.0dBm <b>△1</b>
AC Supply Input	: AC90V~240V / 1φ, 50/60Hz, 500VA <b>△5</b>
Operating Temperature	: 0°C to +40°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF-IN SMA-FEMALE @Front RF-OUT SMA-FEMALE @Front
Size	: (W)430mm×(D)450mm×(H)88mm(EIA:2U) <b>△5</b> *Excluding Projection
Weight	: 12.5kg (typ.) <b>△4</b>
Cooling	: Forced Air Cooling
Other	: With Output Circulator
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection

### TYPICAL PERFORMANCE (Temp @+25°C)



\* CHANGE △1 13/Jun./2011 △2 06/Jan./2014 △4 28/Jan./2019 △5 16/Mar./2022 △6 2/Sep./2022

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, the export of R&K products from Japan may be subject to an export license by the government of Japan, based on Japan's "Foreign Exchange and Foreign Trade Law".

## R&K Company Limited

721-1 Maeda, Fuji-City, Shizuoka-Pref. 416-8577 Japan  
 Tel : +81-545-31-2600 E-mail : info@rkco.jp  
 Fax : +81-545-31-1600 URL : http://rk-microwave.com