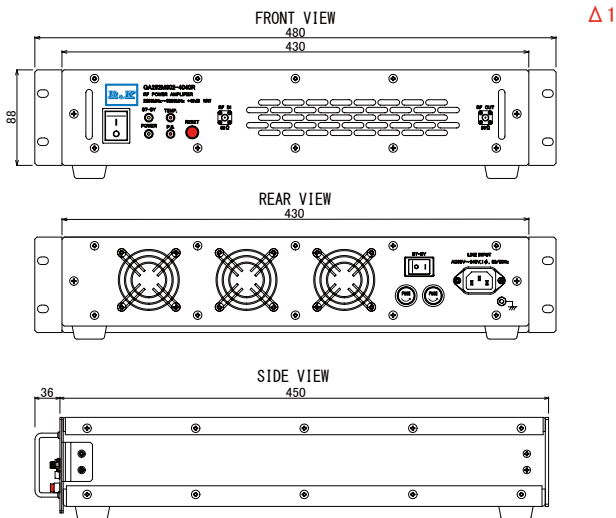


GA252M602-4040R



OUTLINE DRAWING

※IN MILLIMETERS



Δ1

- Ultra Wide Band Power Amplifier
- Broadband Frequency: 2500MHz ~ 6000MHz
- Output Power (CW) : 10W (min.) @1dB Comp.
- With Output Circulator

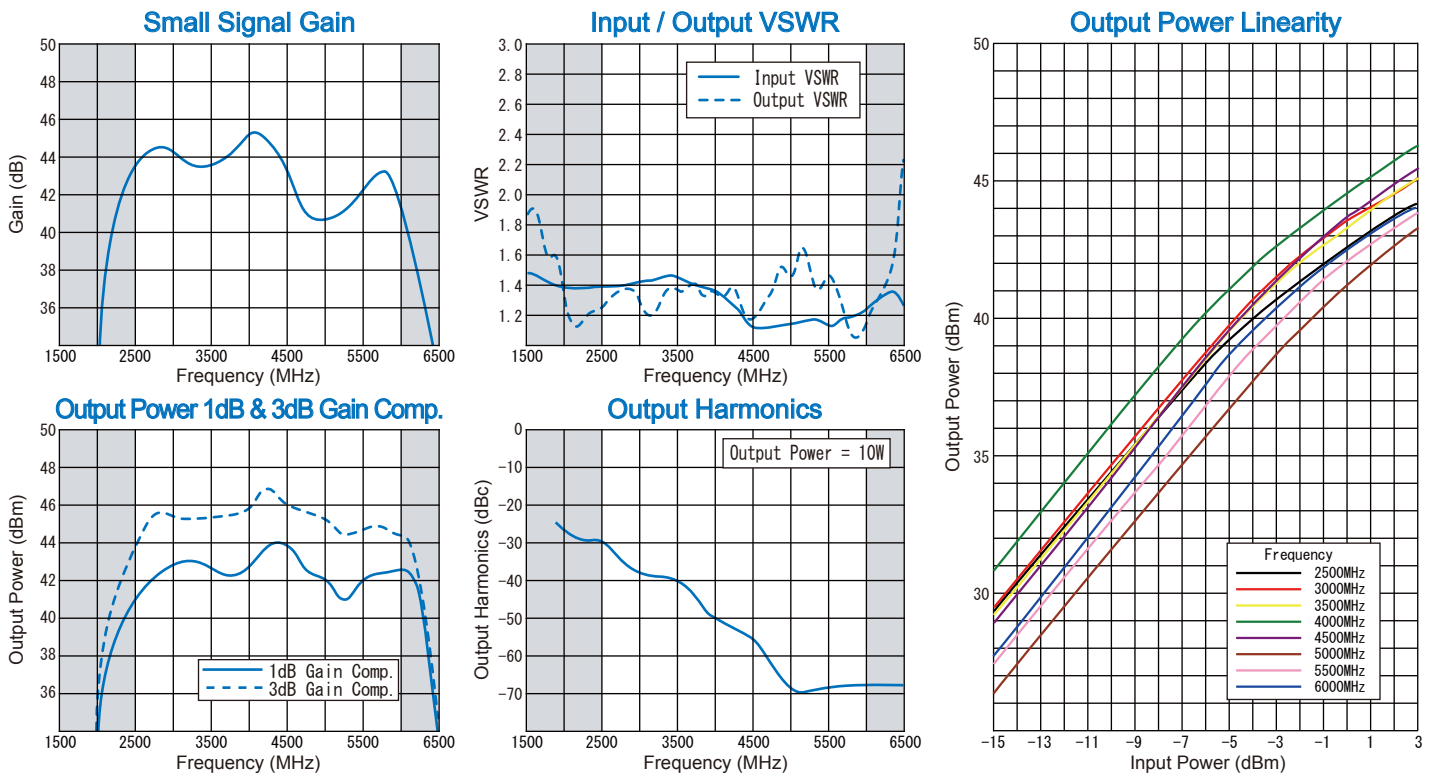
APPLICATION

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

SPECIFICATIONS @ +25°C

Frequency Range	: 2500MHz ~ 6000MHz
Small Signal Gain	: +40.0dB (min.)
Gain Flatness	: ±3.5dB (max.)
Output Power	: 10W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +45.0dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=10W
Spurious	: -60.0dBc (max.) @Po=10W
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	: +3.0dBm
AC Supply Input	: AC90V ~ 240V / 1φ, 50/60Hz, 300VA Δ1
Operating Temperature	: 0°C to +40°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF-IN SMA-FEMALE RF-OUT SMA-FEMALE
Size	: (W)430mm × (D)450mm × (H)88mm (EIA:2U) Δ1 *Excluding Projection
Weight	: 12.5kg (typ.) Δ1
Cooling	: Forced Air Cooling
Other	: With Output Circulator
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection

TYPICAL PERFORMANCE (Temp @+25°C)



* CHANGE Δ1 16/Mar./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, R&K cannot export products to any country for use in military or defense applications.

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