

R&K-A080M102-6262R



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 80MHz~1000MHz
- Output Power (CW) : 1.5kW (typ.) @1dB Comp.
- Building-block Construction Design

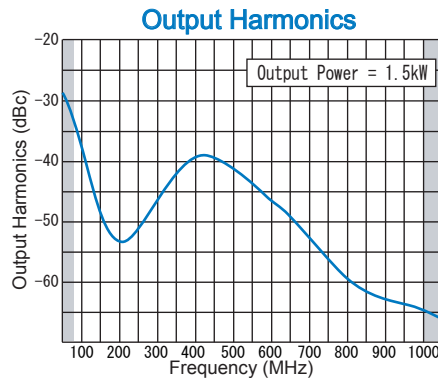
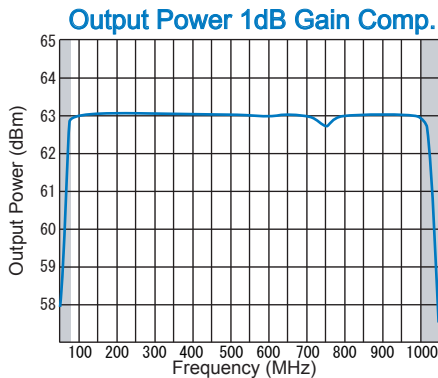
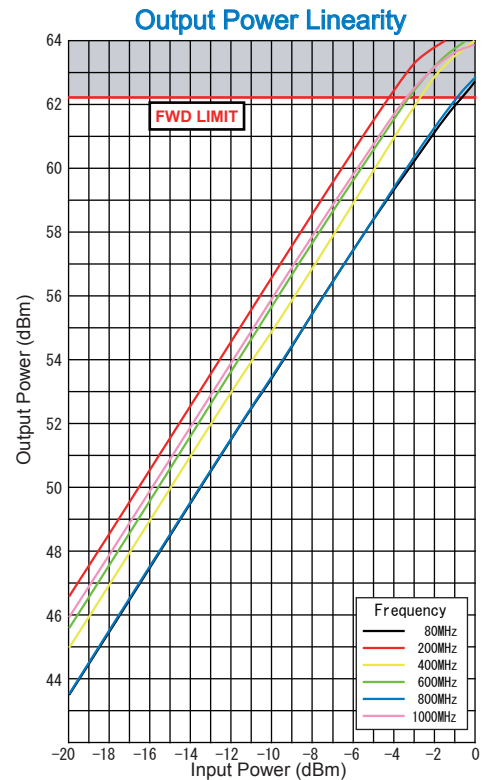
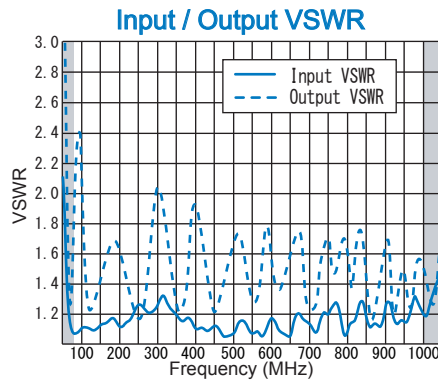
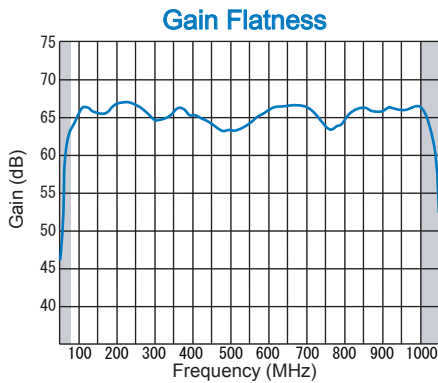
APPLICATION

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

SPECIFICATIONS @ +25°C

Frequency Range	: 80MHz ~ 1000MHz
Small Signal Gain	: +62.0dB (min.)
Gain Flatness	: ±3.0dB (max.)
Output Power (CW)	: 1.5kW (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +72.0dBm (typ.)
Harmonics	: -25.0dBc (max.) @Po=1.5kW
Spurious	: -70.0dBc (max.) @Po=1.5kW
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Output VSWR	: 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC200V ± 15% / 3φ, 50/60Hz, 27kVA
Operating Temperature	: 0°C to +35°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF-IN N-FEMALE @ REAR PANEL RF-OUT 7/8-FEMALE @ REAR PANEL (Excluding Projection)
Size	: (W)560mm × (D)1000mm × (H)1284mm × 2Units (Excluding Projection)
Weight	: 750.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection Output Over Power Protection Output Over Reflected Power Protection
Other Functions	: R&K Multi Monitoring System GP-IB (IEEE-488) Safety Interlock (EMERGENCY)

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, 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".

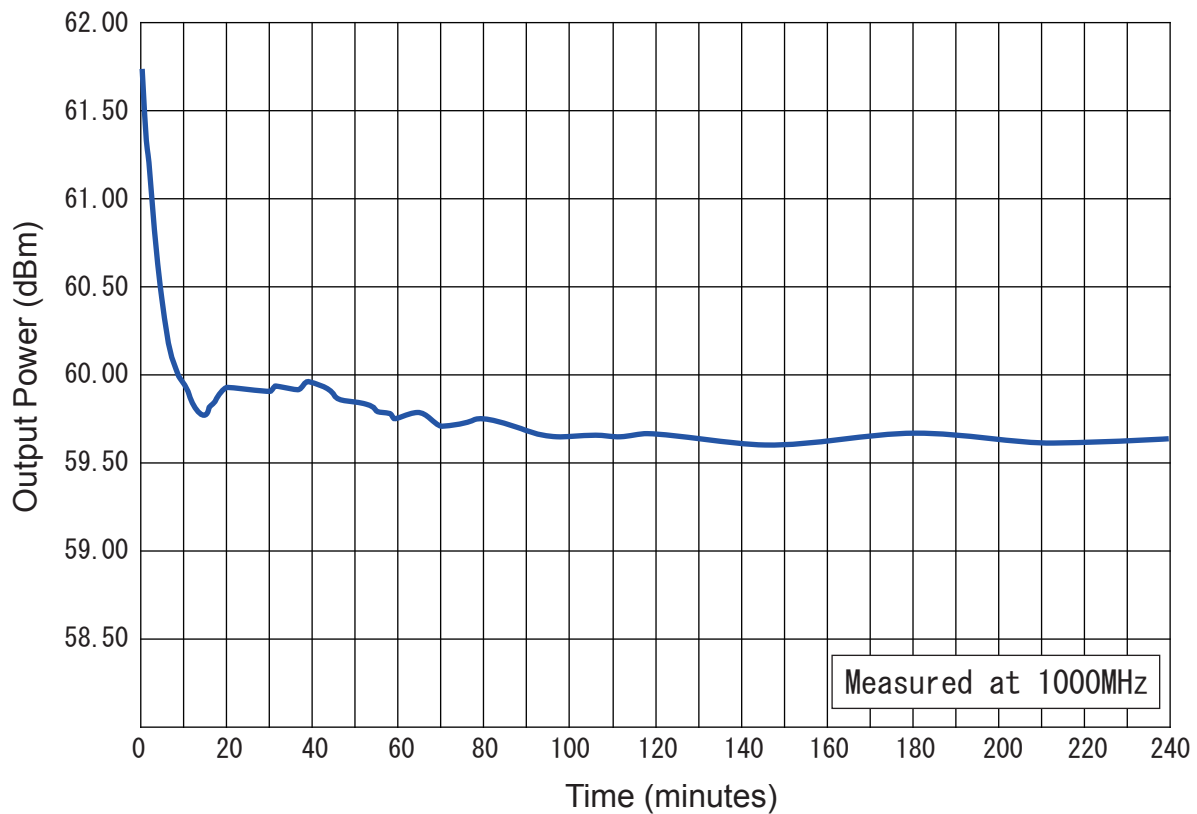
R&K Company Limited

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

TYPICAL PERFORMANCE (Temp @+25°C)

R&K-A080M102-6262R

Output Power vs Time



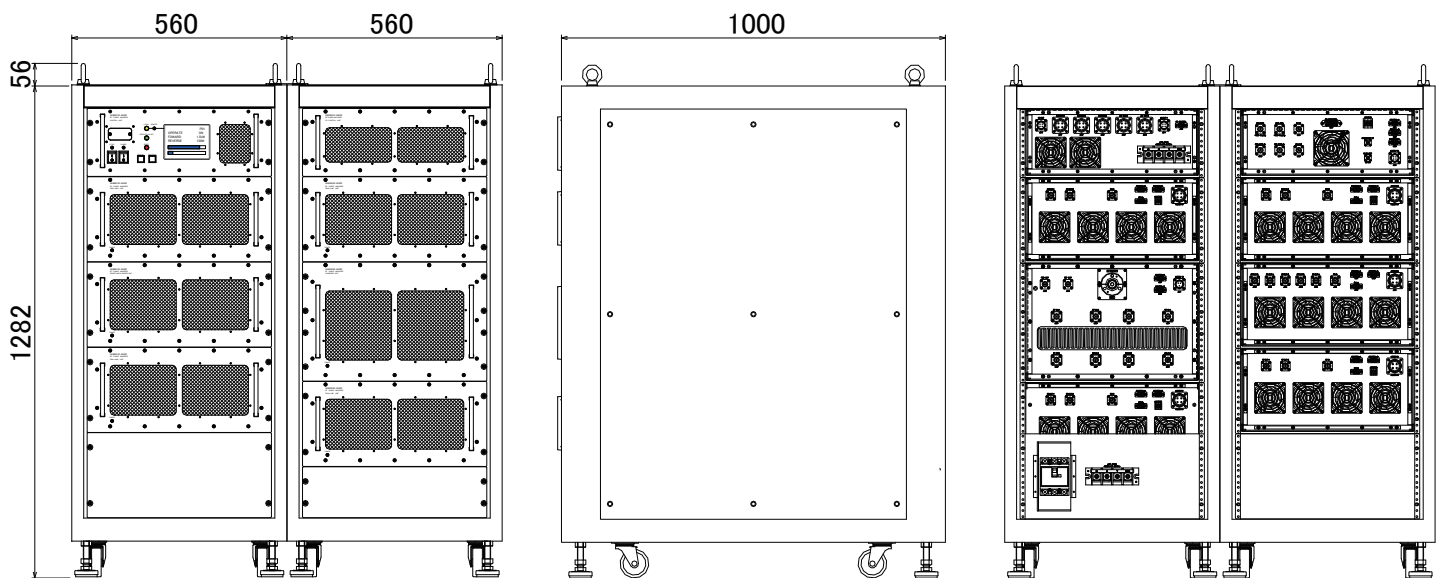
OUTLINE DRAWING

※IN MILLIMETERS

FRONT VIEW

SIDE VIEW

REAR VIEW



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