

RF POWER AMPLIFIER

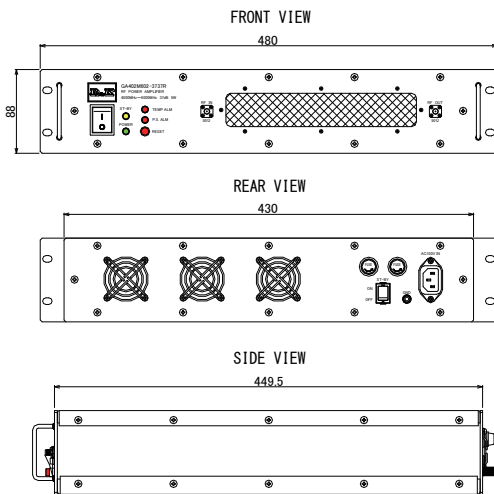


R&K-GA402M602-3737R



OUTLINE DRAWING

※IN MILLIMETERS



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 4000MHz ~ 6000MHz
- Output Power (CW) : 5W (min.) @1dB Comp.
- With Output Circulator

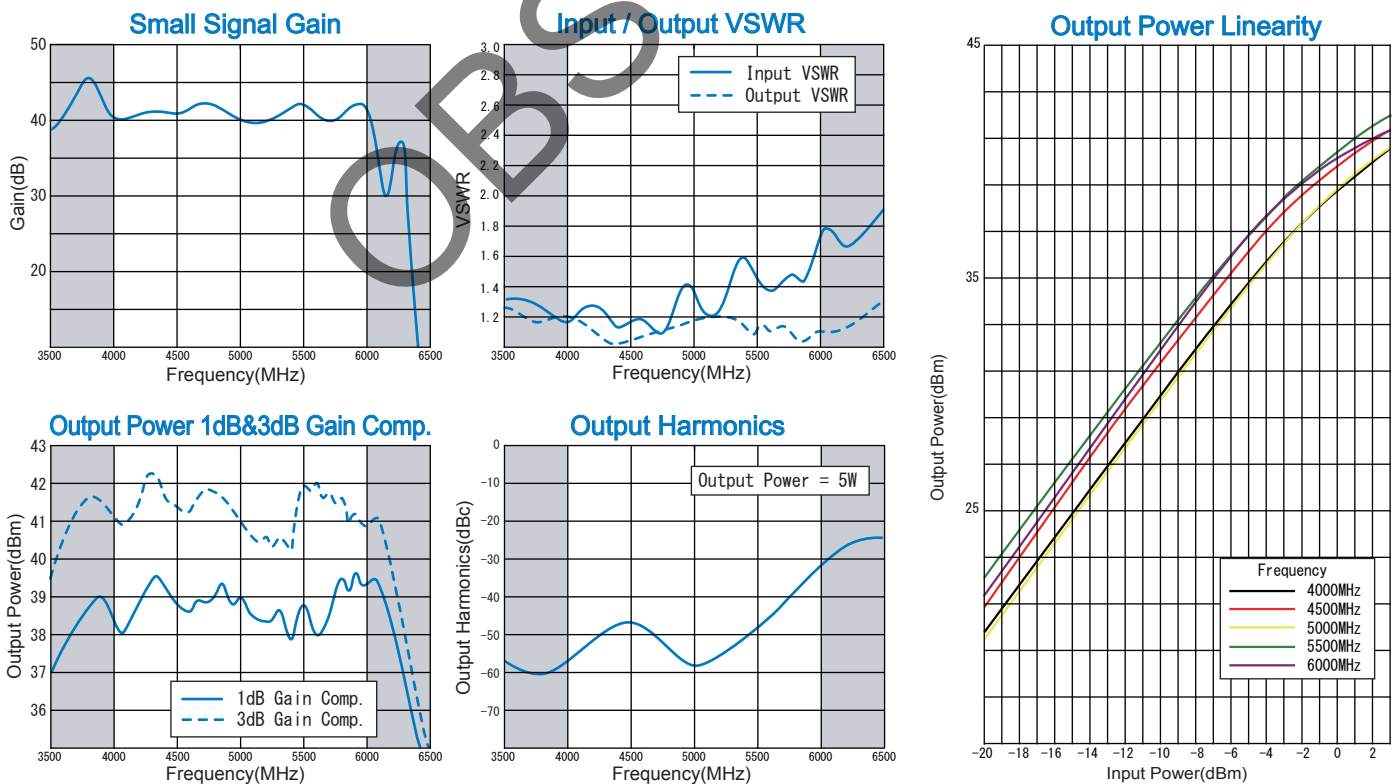
APPLICATION

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

SPECIFICATIONS @ +25°C

Frequency Range	: 4000MHz ~ 6000MHz
Small Signal Gain	: +37.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power (CW)	: 5W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +47.0dBm (typ.)
Harmonics	: -18.0dBc (max.) @Po=5W
Spurious	: -70.0dBc (max.) @Po=5W
Impedance	: 50 Ω
Input Return Loss	: 9.5dB (min.) / VSWR : 2.0 (max.)
Output Return Loss	: 11.0dB (min.) / VSWR : 1.8 (max.)
Maximum RF Input Power	: +5.0dBm
AC Supply Input	: AC100V ± 10% / 1 φ, 50/60Hz, 120VA Δ 1
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)480mm × (D)449.5mm × (H)88mm (EIA:2U)
Weight	: 10.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Voltage Abnormality Protection
Other Function	: With Output Circulator

TYPICAL PERFORMANCE (Temp @ +25°C)



* CHANGE Δ 1 9/May./2019

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