

RF POWER AMPLIFIER



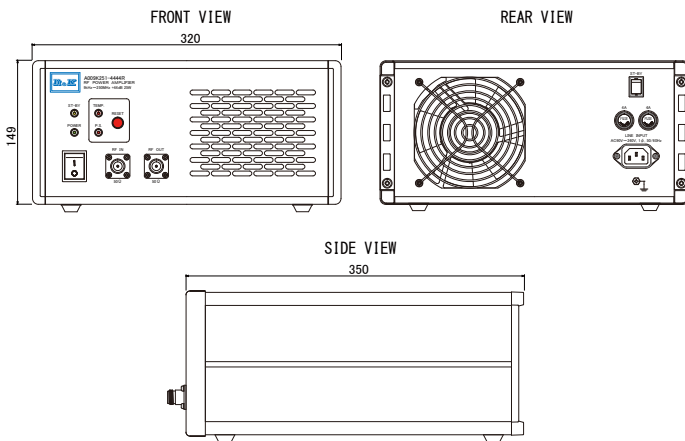
R&K-A009K251-4444R



OUTLINE DRAWING

※IN MILLIMETERS

△1



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz ~ 250MHz
- Output Power : 25W (min.) @1dB Comp.

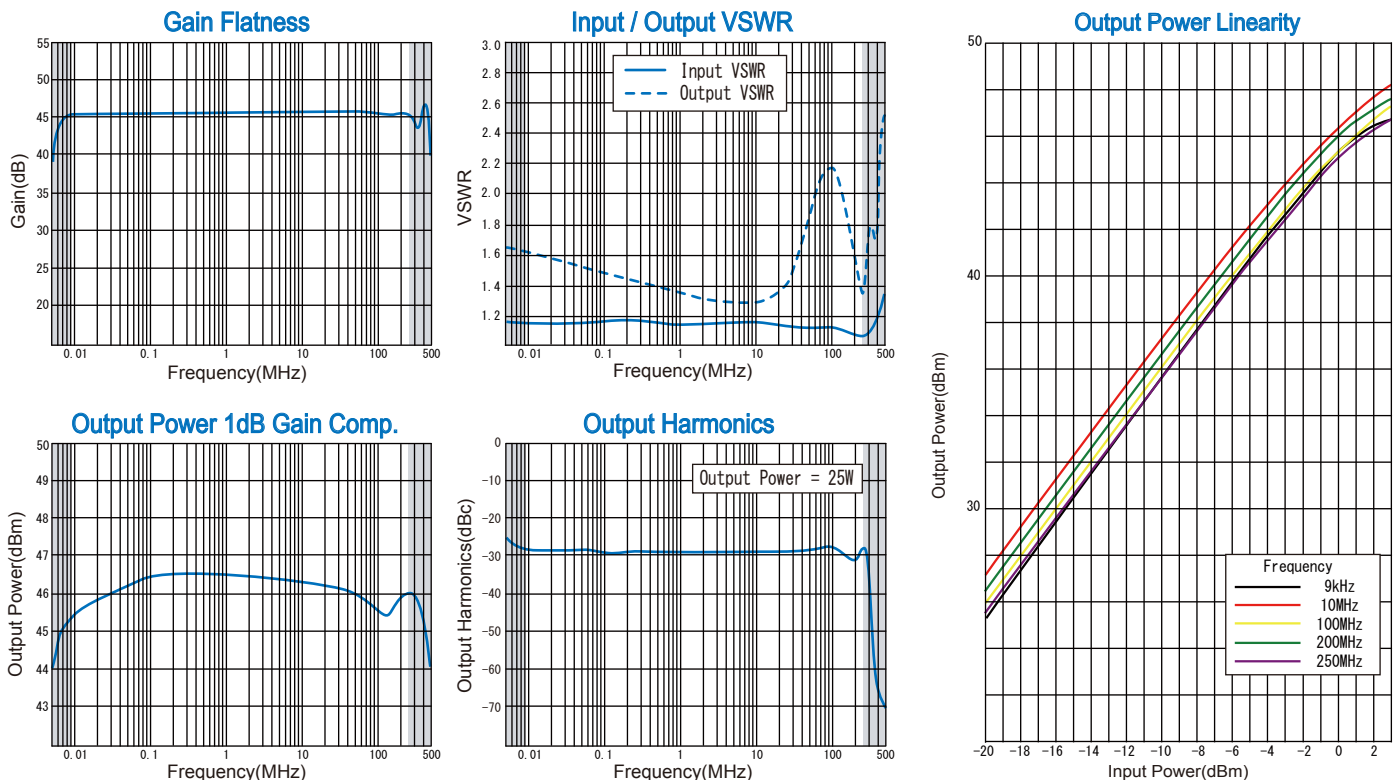
APPLICATION

- EMC(Electromagnetic Compatibility)
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 9kHz ~ 250MHz
Small Signal Gain	: +44.0dB (min.)
Gain Flatness	: ±1.0dB (max.)
Output Power	: 25W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +52.0dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=25W
Spurious	: -65.0dBc (max.) @Po=25W
Impedance	: 50 Ω
Input Return Loss	: 9.5dB (min.) / VSWR : 2.0 (max.)
Output Return Loss	: 6.0dB (typ.) / VSWR : 3.0 (typ.) △2
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC90V ~ 240V / 1 φ, 50 / 60Hz, △1 300VA
Operating Temperature	: 0°C to +40°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF - IN N - FEMALE RF - OUT N - FEMALE
Size	: (W)320mm×(D)350mm×(H)149mm
Weight	: 11.0kg (typ.) △2
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection

TYPICAL PERFORMANCE (Temp @+25°C)



* CHANGE △1 28/Nov./2019 △2 20/Oct./2020

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