

RF POWER AMPLIFIER



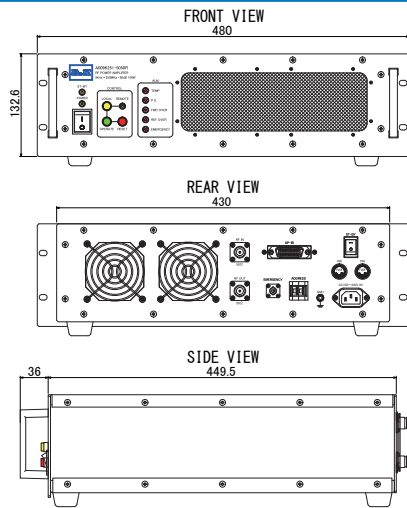
2017 Model

R&K-A009K251-5050R



OUTLINE DRAWING

※IN MILLIMETERS



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz~250MHz
- Output Power (CW) : 100W (min.) @1dB Comp.

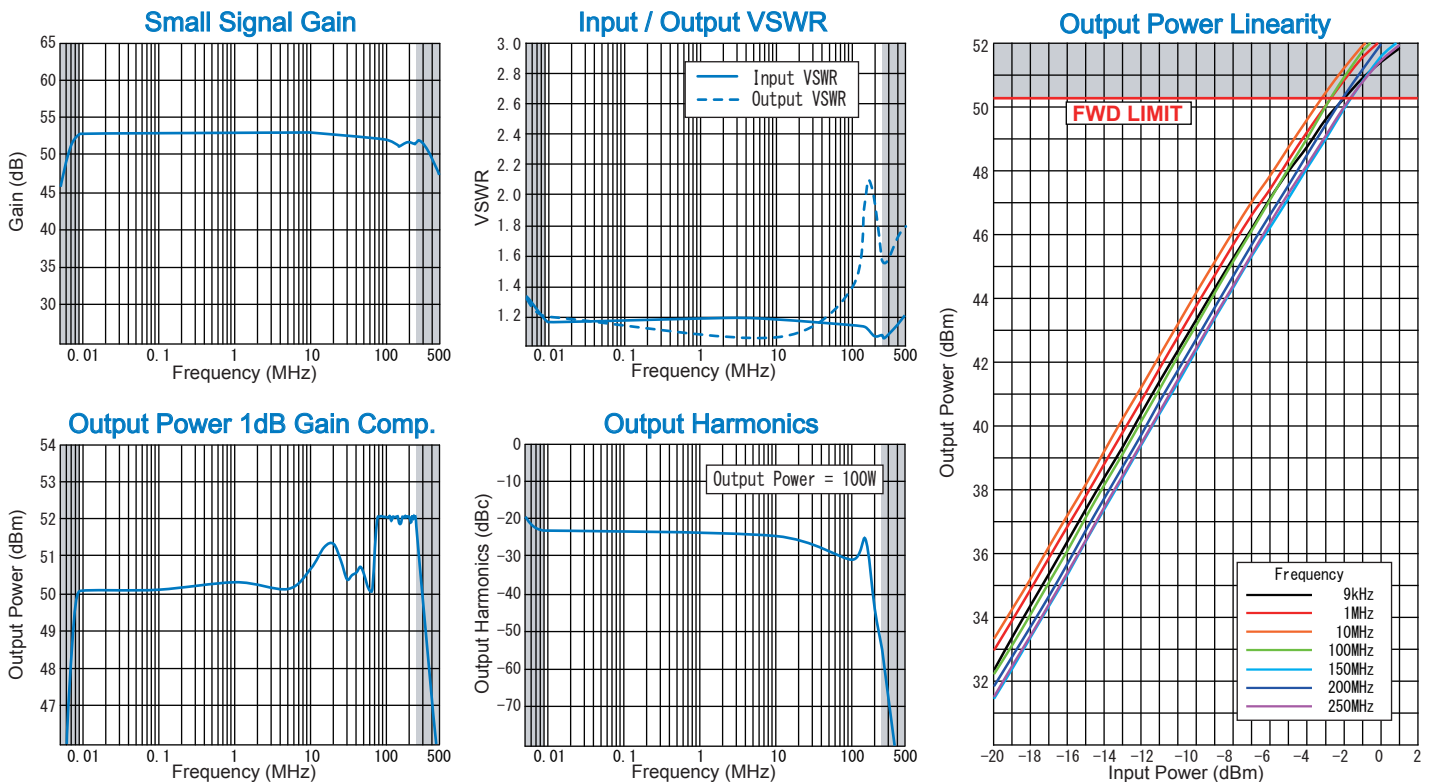
APPLICATION

- EMC(Electromagnetic Compatibility)
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 9kHz ~ 250MHz
Small Signal Gain	: +50.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power (CW)	: 100W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +58.0dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=100W
Spurious	: -70.0dBc (max.) @Po=100W
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Output VSWR	: 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC100V~240V / 1Φ, 50/60Hz, 800VA
Operating Temperature	: 0°C to +45°C
Storage Temperature	: -10°C to +55°C
Connectors	: RF-IN N-FEMALE @REAR PANLE RF-OUT N-FEMALE @REAR PANLE
Size	: (W)480mm×(D)449.5mm×(H)132.6mm
Weight	: 16.0kg (typ.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection Output Over Power Protection Output Over Reflected Power Protection
Other Functions	: GP-IB(IEEE-488) Safety Interlock(EMERGENCY)

TYPICAL PERFORMANCE (Temp @+25°C)



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