

RF POWER AMPLIFIER



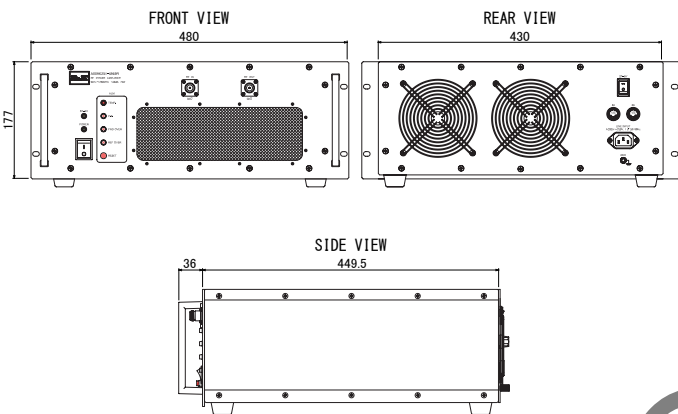
R&K-A009K251-4949R



OUTLINE DRAWING

※IN MILLIMETERS

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- Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz ~ 250MHz
- Output Power : 75W (min.) @3dB Comp.
: 60W (min.) @1dB Comp.

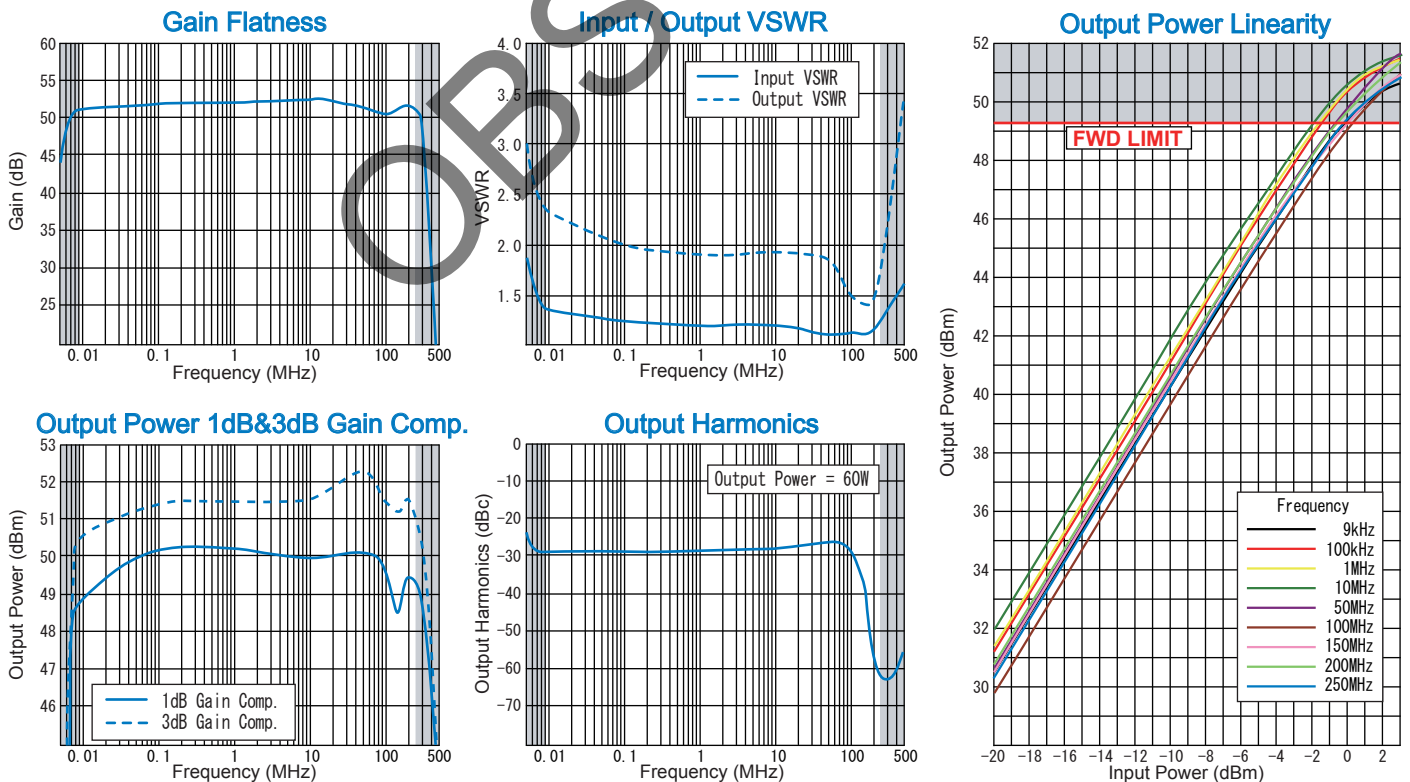
APPLICATION

- EMC(Electromagnetic Compatibility)
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 9kHz ~ 250MHz
Small Signal Gain	: +49.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power	: 75W (min.) @3dB Comp. 60W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +56.0dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=60W
Spurious	: -65.0dBc (max.) @Po=60W
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Output VSWR	: 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC85V~250V / 1φ, 50/60Hz, 700VA
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)480mm×(D)449.5mm×(H)177mm
Weight	: 25.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection Output Over Power Protection Output Over Reflection Power Protection

TYPICAL PERFORMANCE (Temp @+25°C)



* CHANGE Δ1 2/Feb./2015

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