

RF POWER AMPLIFIER



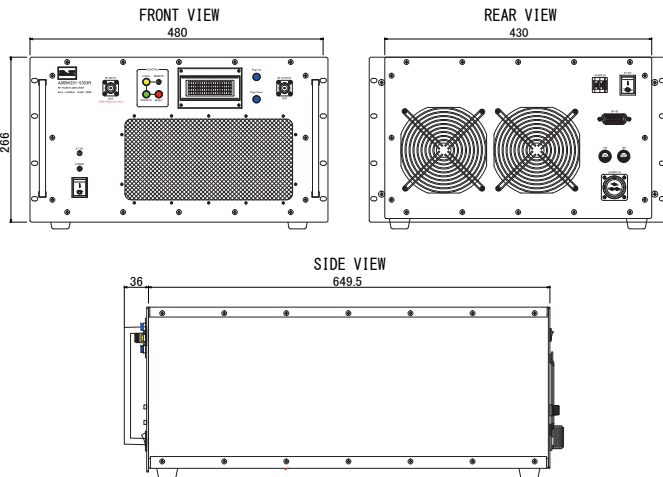
R&K-A009K251-5353R



OUTLINE DRAWING

※IN MILLIMETERS

Δ1Δ2



TYPICAL PERFORMANCE (Temp @+25°C)

- Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz~250MHz
- Output Power : 200W (min.) @1dB Comp.

APPLICATION

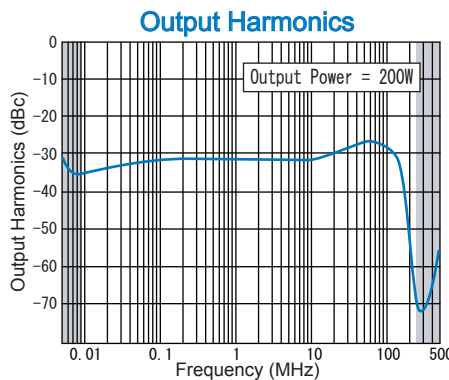
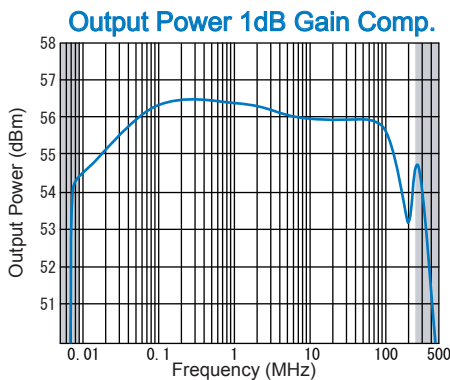
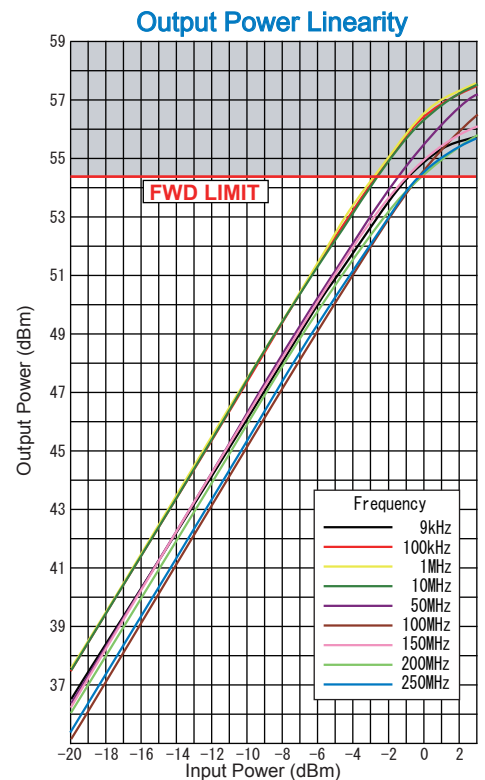
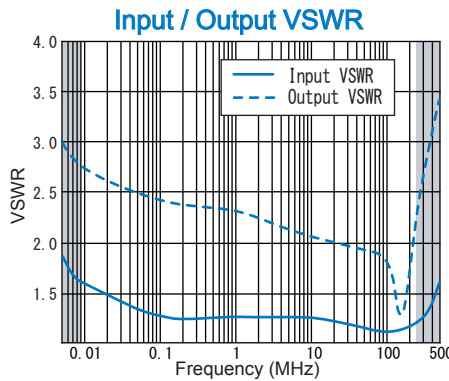
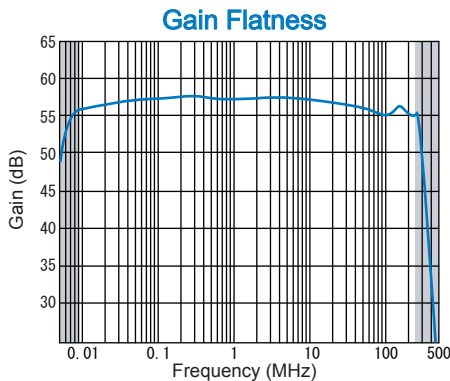
- EMC (Electromagnetic Compatibility)
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 9kHz ~ 250MHz
Small Signal Gain	: +53.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power	: 200W (min.) @1dB Comp. : 250W (min.) @3dB Comp. Δ2
Operation Mode	: Class A
Output I.C.P.	: +63.0dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=200W
Spurious	: -60.0dBc (max.) @Po=200W
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Output VSWR	: 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC200V ±15% / 1φ, 50/60Hz, 1.7kVA
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)649.5mm×(H)266mm Δ1
Weight	: 45.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection : Power Supply Voltage Protection : Output Over Power Protection : Output Over Reflection Power Protection
Other	: R&K Multi Monitoring System

HOW TO ORDER

Model Name
R&K-A009K251-5353R OP XX Option:
See Option Line up



* CHANGE Δ1 Jul./02/2014 Δ2 Mar./06/2015

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, R&K cannot export products to any country for use in military or defense applications.

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