

RF POWER AMPLIFIER



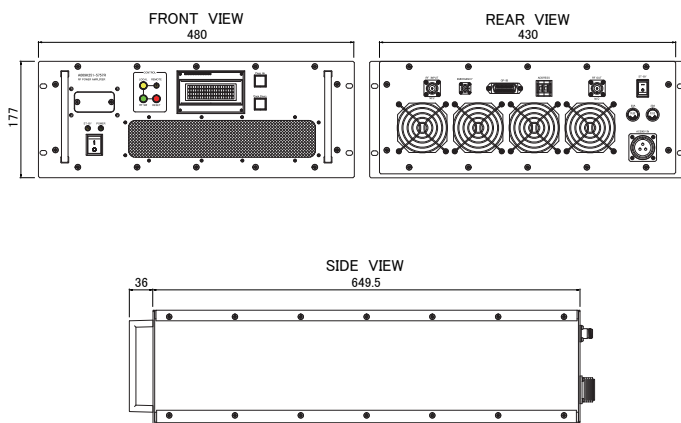
2017 Model

R&K-A009K251-5757R



OUTLINE DRAWING

※IN MILLIMETERS



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz~254MHz
- Output Power (CW) : 500W (min.) @3dB Comp.

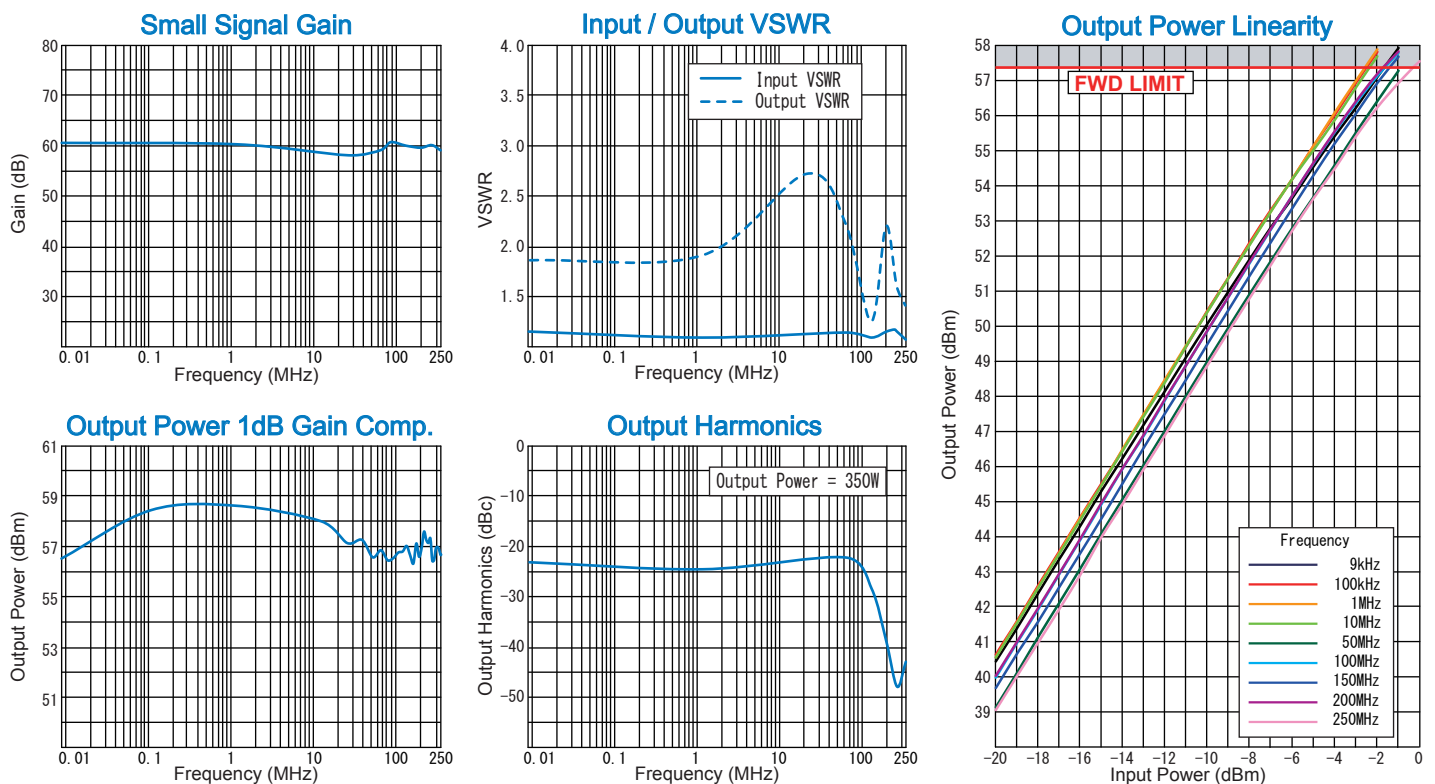
APPLICATION

- EMC(Electromagnetic Compatibility)
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 9kHz ~ 254MHz
Small Signal Gain	: +57.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power (CW)	: 500W (min.) @3dB Comp.
	: 450W (typ.), 400W (min.) @1dB Comp.
Output I.C.P.	: +65.5dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=350W
Spurious	: -70.0dBc (max.) @Po=350W
Impedance	: 50Ω
Input VSWR	: 1.5 (max.)
Output VSWR	: 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC200V±15%/1φ, 50/60Hz, 3.2kVA Δ1
Operating Temperature	: 0°C to +40°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF-IN N-FEMALE @REAR PANEL RF-OUT N-FEMALE @REAR PANEL
Size	: (W)480mm×(D)649.5mm×(H)177mm
Weight	: 35.5kg (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	: R&K Multi Monitoring System GP-IB(IEEE-488) Safety Interlock(EMERGENCY)

TYPICAL PERFORMANCE (Temp @+25°C)



* CHANGE Δ1 29/Dec./2017

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