

RF POWER AMPLIFIER



R&K-A009K401-5656R



- Class A Linear Solid-State Amplifier
- Broadband Frequency : 9kHz~400MHz
- Output Power (CW) : 500W (typ.) @1dB Comp.

APPLICATION

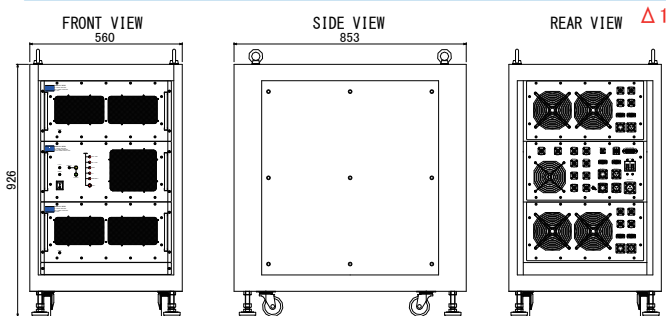
- EMC(Electromagnetic Compatibility)
- Etc...

SPECIFICATIONS @ +25°C

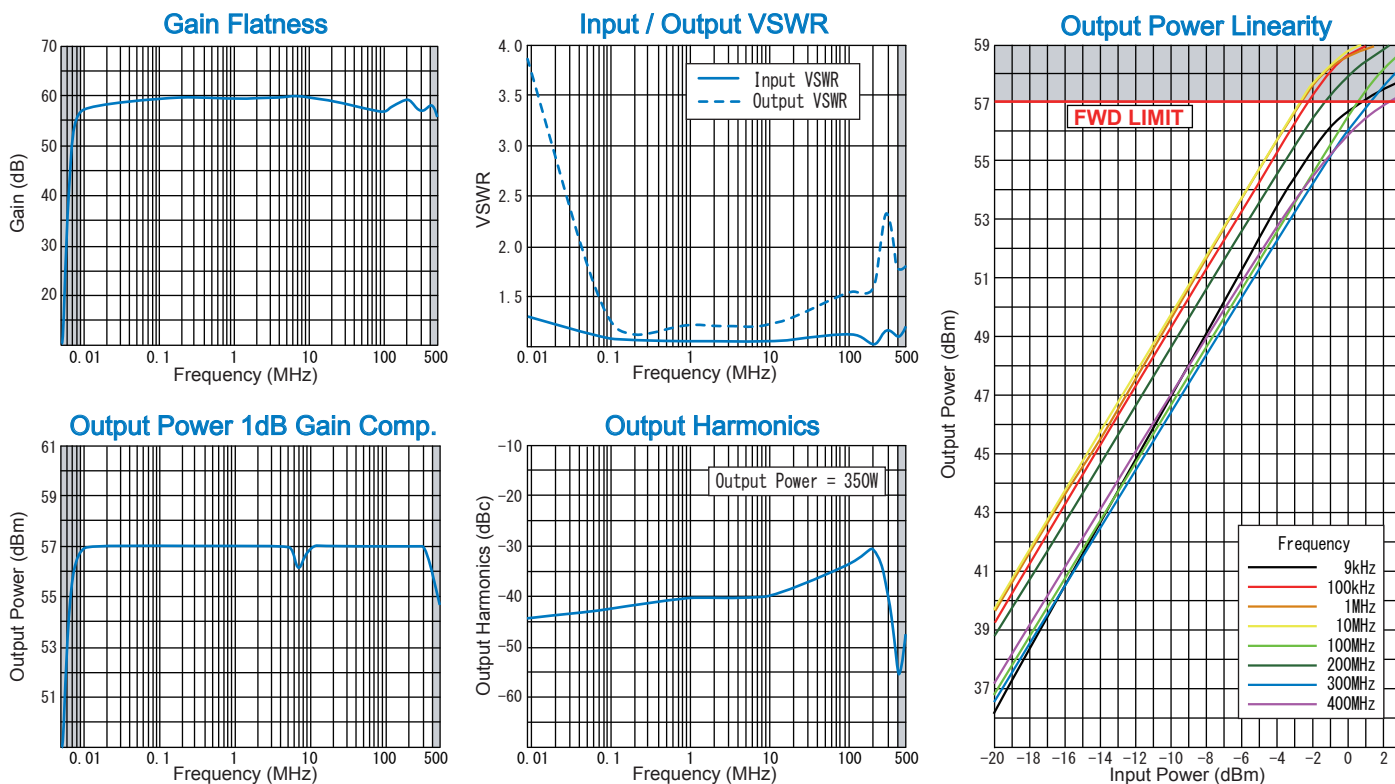
Frequency Range	: 9kHz ~ 400MHz
Small Signal Gain	: +56.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power (CW)	
9kHz ~ 400MHz	: 500W (typ.) @1dB Comp.
100kHz ~ 380MHz	: 400W (min.) @1dB Comp.
9kHz ~ 400MHz	: 350W (min.) @1dB Comp.
Operation Mode	: Class A
Harmonics	: -20dBc (max.) @Po=350W
Spurious	: -65dBc (max.) @Po=500W
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Output VSWR	: 3.0 (typ.)
Maximum RF Input Power:	+3dBm
AC Supply Input	: AC200V±15%/1φ, 50/60Hz, 5.5kVA
Operating Temperature	: 0°C to +35°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF-IN N - FEMALE RF-OUT N - FEMALE
Size	: (W)560mm×(D)853mm×(H)982mm(EIA:15U) *Excluding Projection
Weight	: 220.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection Output Over Power Protection Output Over Reflection Power Protection
Other Functions	: GP-IB(IEEE-488) Safety Interlock(EMERGENCY)

OUTLINE DRAWING

※IN MILLIMETERS



TYPICAL PERFORMANCE (Temp @+25°C)



* CHANGE Δ1 11/May/2018

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