

RF POWER AMPLIFIER



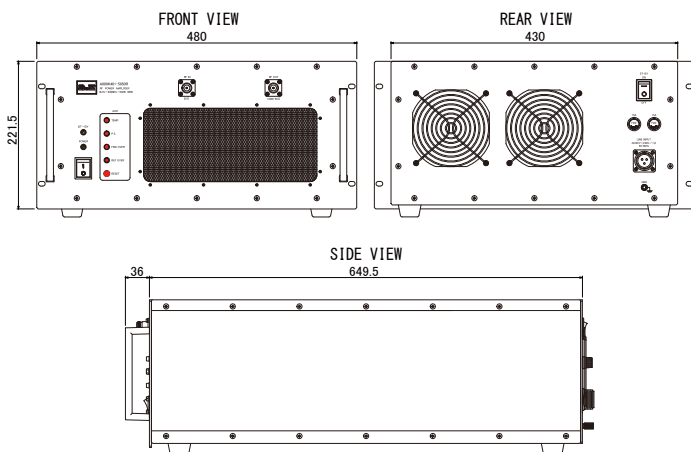
A009K401-5050R



OUTLINE DRAWING

※IN MILLIMETERS

Δ2



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz~400MHz
- Output Power (CW) : 100W (min.) @1dB Comp.

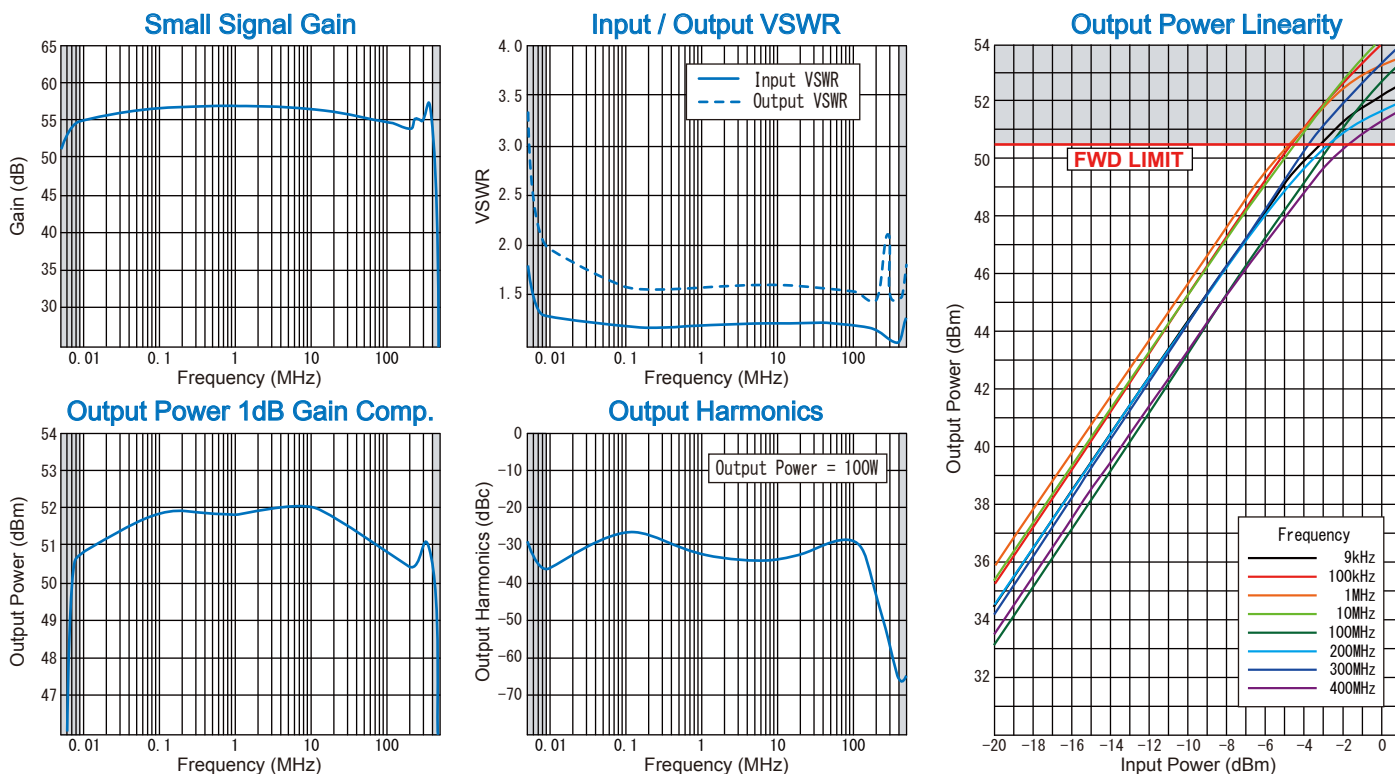
APPLICATION

- EMC (Electromagnetic Compatibility)
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 9kHz ~ 400MHz
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	: -65.0dBc (max.) @Po=100W
Impedance	: 50Ω
Input Return Loss	: 9.5dB (min.) / VSWR : 2.0 (max.)
Output Return Loss	: 6.0dB (typ.) / VSWR : 3.0 (typ.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC90V~240V / 1φ, 50/60Hz, 1.5kVA Δ1Δ2
Operating Temperature	: 0°C to +40°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF-IN N-FEMALE @FRONT PANEL RF-OUT N-FEMALE @FRONT PANEL
Size	: (W)430mm×(D)649.5mm×(H)221.5mm(EIA:5U)
	*Excluding Projection
Weight	: 32.0kg (typ.) Δ2
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection Output Over Power Protection (@110W) Output Over Reflected Power Protection (@60W)

TYPICAL PERFORMANCE (Temp @+25°C)



* CHANGE Δ1 23/Jan./2014 Δ2 22/Feb./2018

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