

RF POWER AMPLIFIER



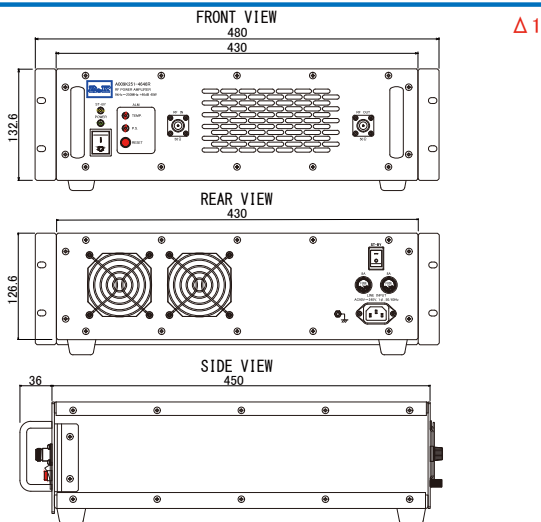
2021 Model

A009K251-4646R



OUTLINE DRAWING

※IN MILLIMETERS



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz~250MHz
- Output Power (CW) : 40W (min.) @1dB Comp.

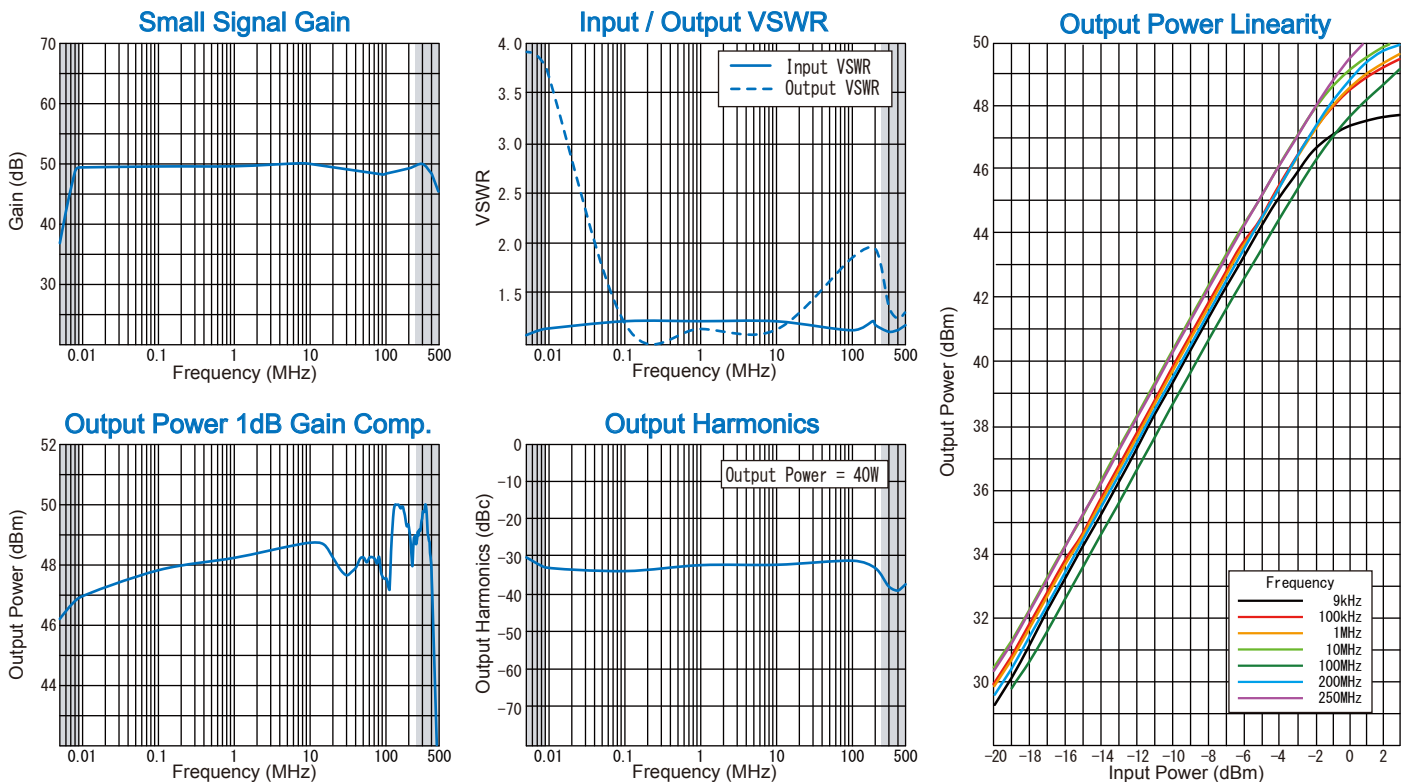
APPLICATION

- EMC(Electromagnetic Compatibility)
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 9kHz ~ 250MHz
Small Signal Gain	: +46.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power (CW)	: 40W (min.) @1dB Comp.
Output I.C.P	: +54.0dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=40W
Spurious	: -70.0dBc (max.) @Po=40W
Operation Mode	: Class A
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 400VA(typ.), 500VA(max.)
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)430mm×(D)450mm×(H)132.6mm(EIA:3U) *Excluding Projection
Weight	: 14.5kg (typ.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection

TYPICAL PERFORMANCE (Temp @+25°C)



* CHANGE Δ 1 9/Sep./2021

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