

RF POWER AMPLIFIER

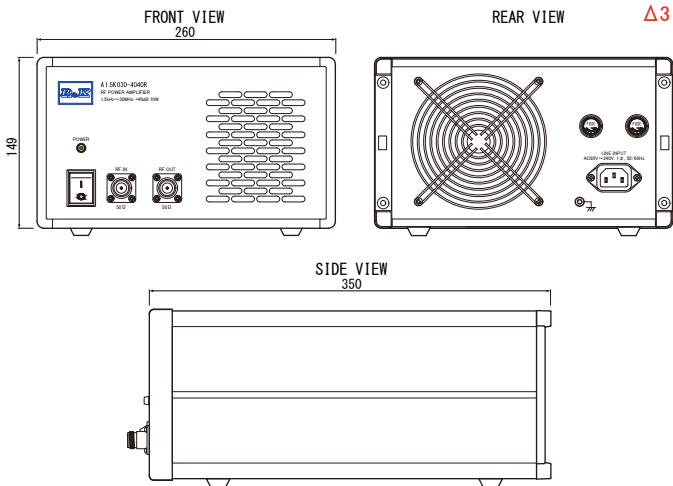


A1.5K030-4040R



OUTLINE DRAWING

※IN MILLIMETERS



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 1.5kHz~30MHz
- Output Power : 10W (min.) @1dB Comp.

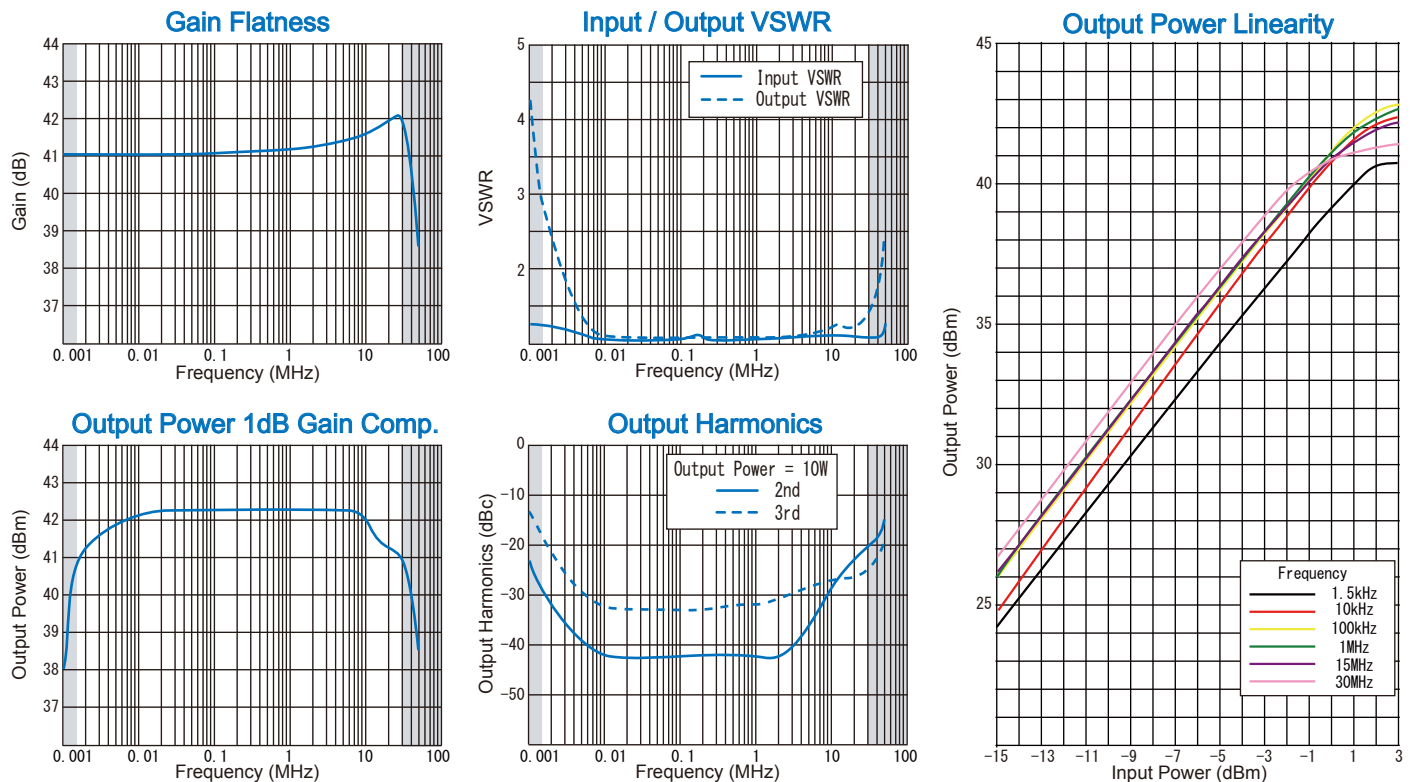
APPLICATION

- EMC(Electromagnetic Compatibility)
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 1.5kHz ~ 30MHz
Small Signal Gain	: +40.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power	: 10W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +50.0dBm (typ.)
Harmonics	: -18.0dBc (max.) @Po=10W
Spurious	: -60.0dBc (max.) @Po=10W
Impedance	: 50Ω
Input Return Loss	: 9.5dB (min.) / VSWR : 2.0 (max.)
Output Return Loss	: 9.5dB (min.) / VSWR : 2.0 (max.) Δ2
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC90V~240V / 1φ, 50 / 60Hz Δ3 120VA Δ2
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)260mm×(D)350mm×(H)149mm Δ1
Weight	: 10.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection

TYPICAL PERFORMANCE (Temp @+25°C)



* CHANGE Δ1 16/Oct./2013 Δ2 26/Apr./2019 Δ3 8/Mar./2022

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