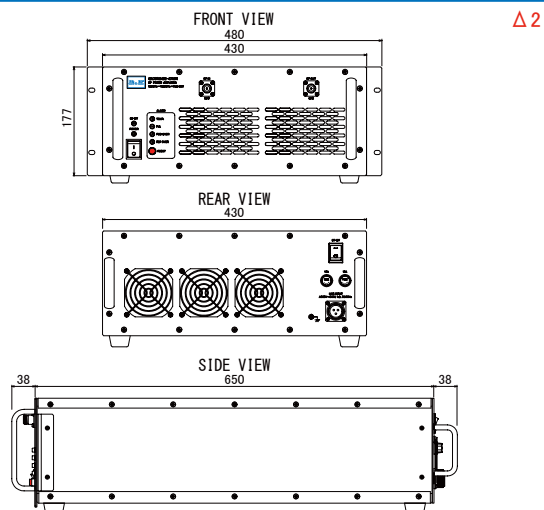


GA701M402-4747R



OUTLINE DRAWING

※IN MILLIMETERS



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 690MHz ~ 4000MHz
- Output Power (CW) : 50W (min.) @1dB Comp.

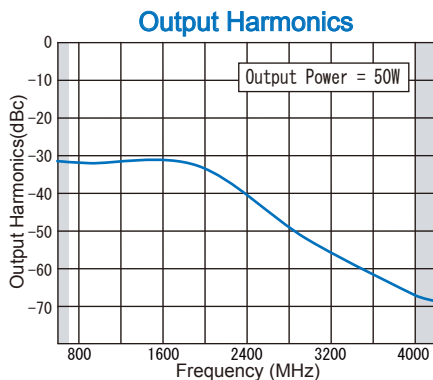
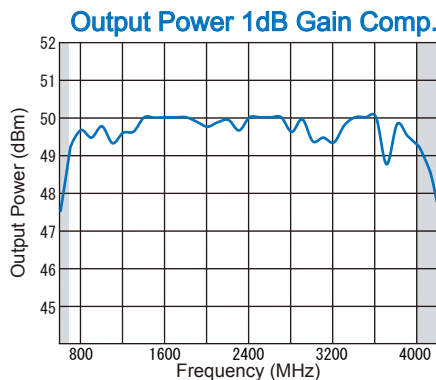
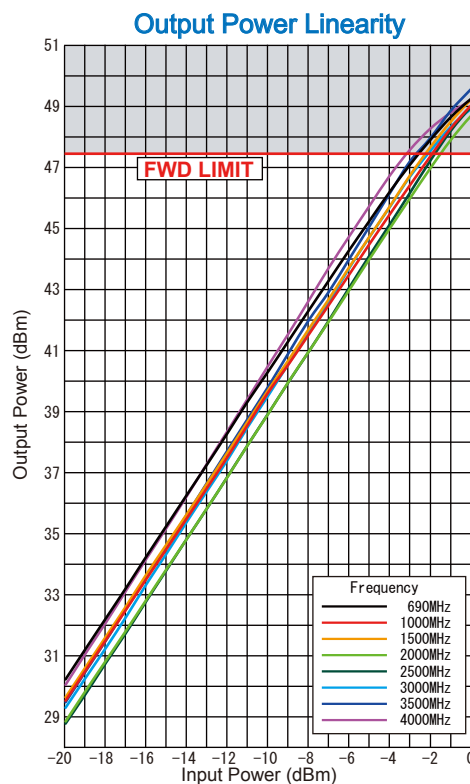
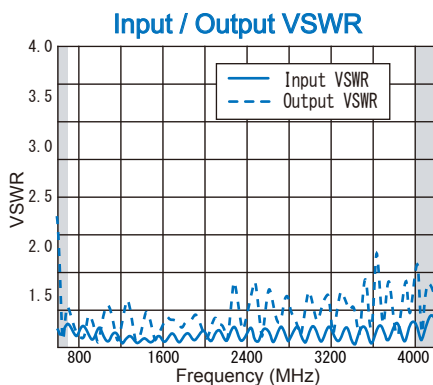
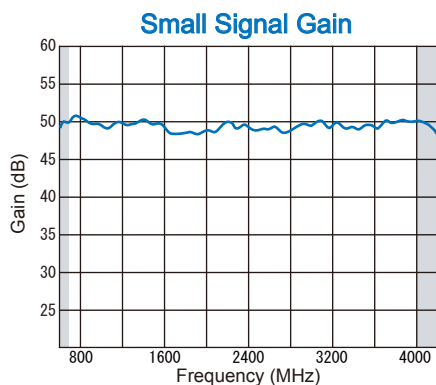
APPLICATION

- EMC(Electromagnetic Compatibility)
- Accelerator Application
- Telecommunication Test and Measurement Application
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 690MHz ~ 4000MHz $\Delta 1$
Small Signal Gain	: +47.0dB (min.)
Gain Flatness	: ± 2.0 dB (max.) $\Delta 1$
Output Power (CW)	: 50W (min.) @1dB Comp.
Harmonics	: -20.0dBc (max.) @Po=50W
Spurious	: -70.0dBc (max.) @Po=50W
Impedance	: 50 Ω
Input Return Loss	: 9.5dB (min.) / VSWR : 2.0 (max.)
Output Return Loss	: 7.4dB (min.) / VSWR : 2.5 (max.) $\Delta 1$
Maximum RF Input Power:	+3.0dBm
AC Supply Input	: AC90V~240V / 1 ϕ , 50 / 60Hz, 850VA $\Delta 2$
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)650mm×(H)177mm(EIA:4U) *Excluding Projection
Weight	: 26.5kg (typ.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection Output Over Power Protection(@55W) Output Over Reflected Power Protection(@30W)

TYPICAL PERFORMANCE (Temp @+25°C)



* CHANGE $\Delta 1$ 2/May/2018 $\Delta 2$ 10/Mar./2022

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