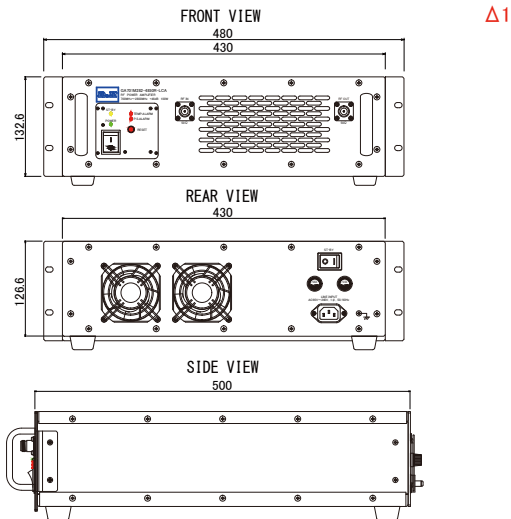


## GA701M282-4850R-LCA



### OUTLINE DRAWING

※ IN MILLIMETERS



- Broadband Frequency: 700MHz~2800MHz
- Output Power (CW) : 100W (typ.) @3dB Comp.
- Low Cost

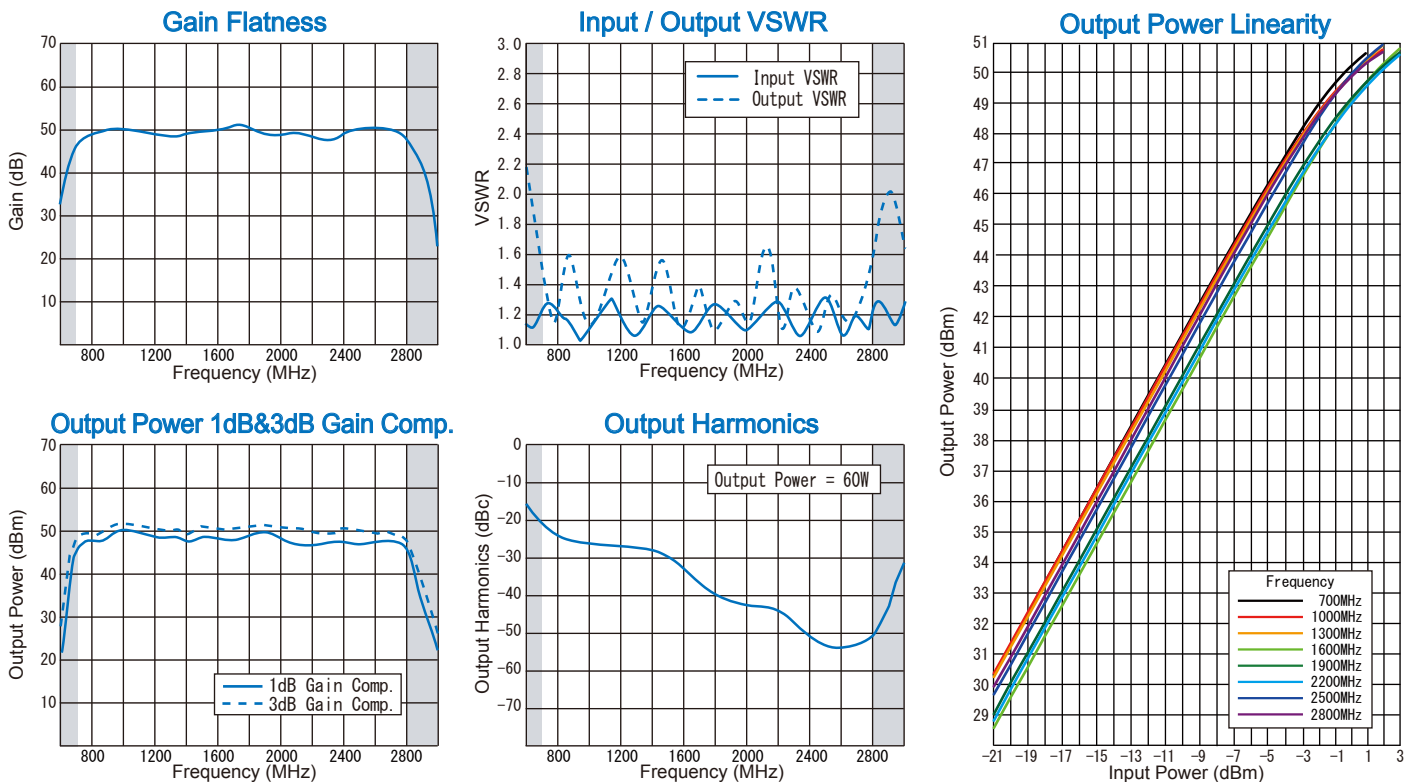
### APPLICATION

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

### SPECIFICATIONS @ +25°C

Frequency Range	: 700MHz ~ 2800MHz
Small Signal Gain	: +48.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power (CW)	: 100W (typ.) @3dB Comp. 80W (typ.) @1dB Comp. 60W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +55.0dBm (typ.)
Harmonics	: -18.0dBc (max.) @Po=60W
Spurious	: -65.0dBc (max.) @Po=60W
Noise Figure	: 10.0dB (typ.)
Impedance	: 50Ω
Input Return Loss	: 14.0dB (min.) / VSWR : 1.5 (max.)
Output Return Loss	: 9.5dB (min.) / VSWR : 2.0 (max.)
Maximum RF Input Power	: +5dBm
AC Supply Input	: AC90V~AC240V / 1φ, 50/60Hz, Δ1 700VA
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)500mm×(H)132.6mm(EIA:3U) *Excluding Projection
Weight	: 20.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection

### TYPICAL PERFORMANCE (Temp @+25°C)



\* CHANGE Δ1 27/Aug./2021

R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an

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