

## R&K-GA801M402-5050R



- All Solid-State Amplifier
- Broadband Frequency: 800MHz ~ 4000MHz
- Output Power (CW) : 100W (min.) @1dB Comp.

### APPLICATION

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

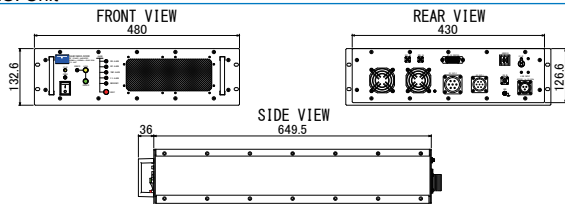
### SPECIFICATIONS @ +25°C

|                        |   |
|------------------------|---|
| Frequency Range        | : 800MHz ~ 4000MHz  |
| Small Signal Gain      | : +50.0dB (min.)  |
| Gain Flatness          | : ±3.0dB (max.)   |
| Output Power (CW)      | : 100W (min.) @1dB Comp.  |
| Impedance              | : 50 Ω  |
| Input VSWR             | : 2.0 (max.)  |
| Output VSWR            | : 3.0 (max.)  |
| Harmonics              | : -20.0dBc (max.) @Po=100W  |
| Spurious               | : -70.0dBc (max.) @Po=100W  |
| Maximum RF Input Power | : +3.0dBm   |
| AC Supply Input        | : AC200V ±10% / 1 φ, 50 / 60Hz, 2.0kVA  |
| Operating Temperature  | : 0°C to +40°C  |
| Storage Temperature    | : -15°C to +65°C  |
| Connectors             | : RF - IN N - FEMALE @ REAR PANEL<br>RF - OUT N - FEMALE @ REAR PANEL   |
| Size                   | P.S. Unit : (W)480mm × (D)649.5mm × (H)132.6mm<br>AMP. Unit : (W)480mm × (D)649.5mm × (H)177mm  |
| Weight                 | : 55.0kg (max.)   |
| Cooling                | : Forced Air Cooling  |
| Protection Circuits    | : Over Temperature Protection<br>Power Supply Voltage Protection<br>Output Over Power Protection<br>Output Over Reflection Power Protection |

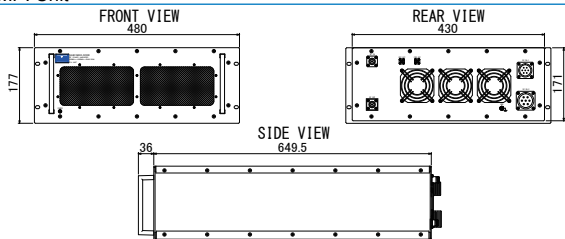
### OUTLINE DRAWING

※ IN MILLIMETERS

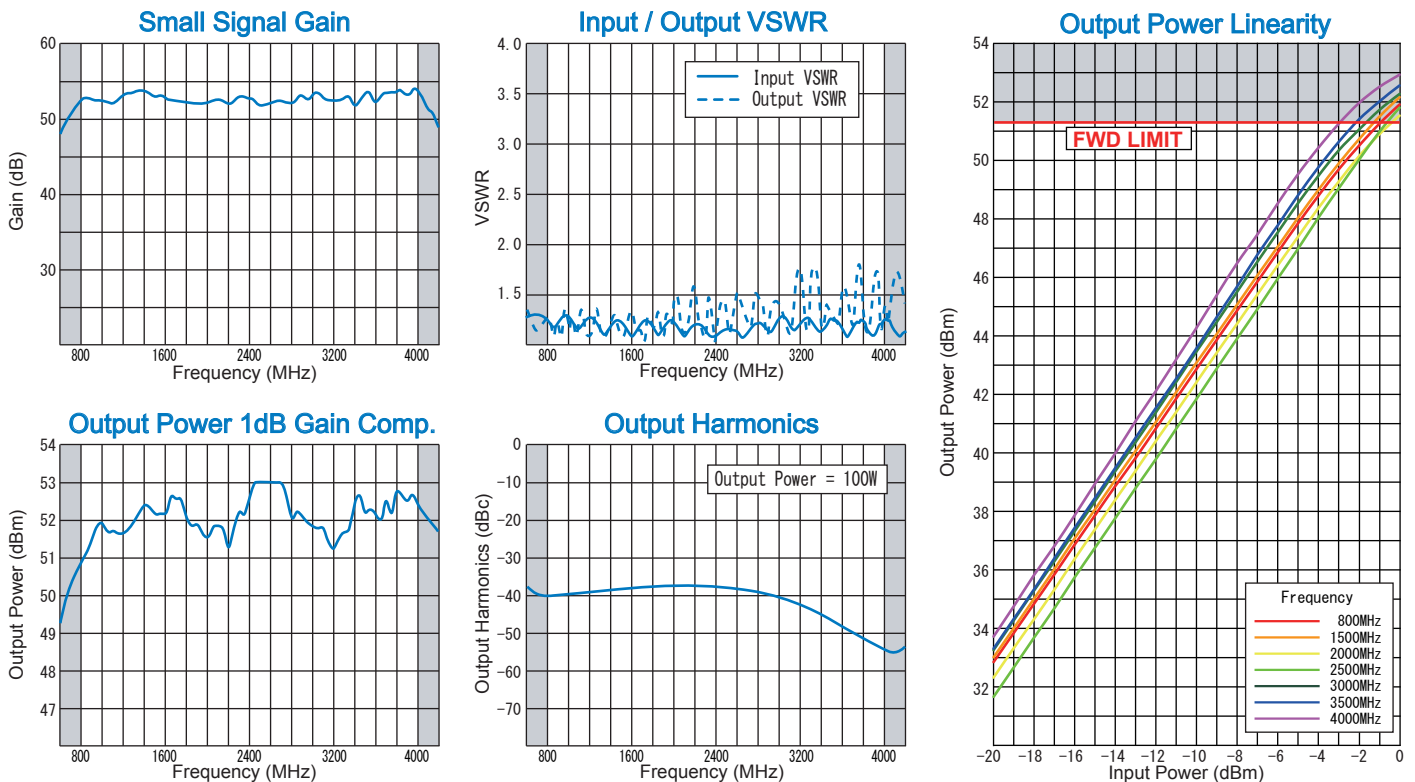
#### P.S. Unit



#### AMP. Unit



### TYPICAL PERFORMANCE (Temp @+25°C)



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