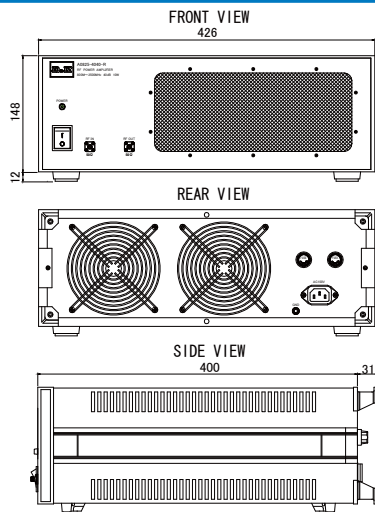


## R&K-A0825-4040-R



### OUTLINE DRAWING

※IN MILLIMETERS



- All-Solid-State Amplifier
- Frequency Range : 800MHz~2500MHz
- Output Power : 10W (min.) @1dB Comp.

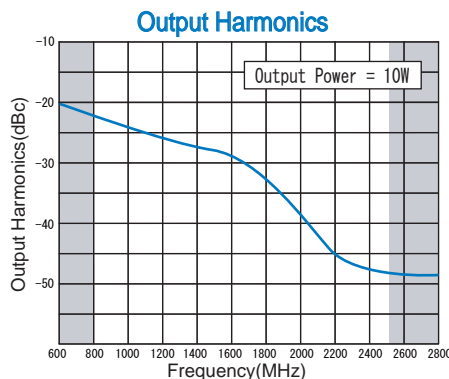
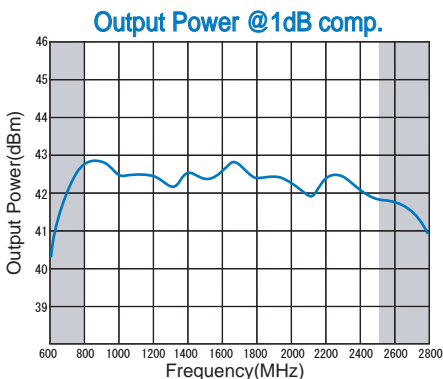
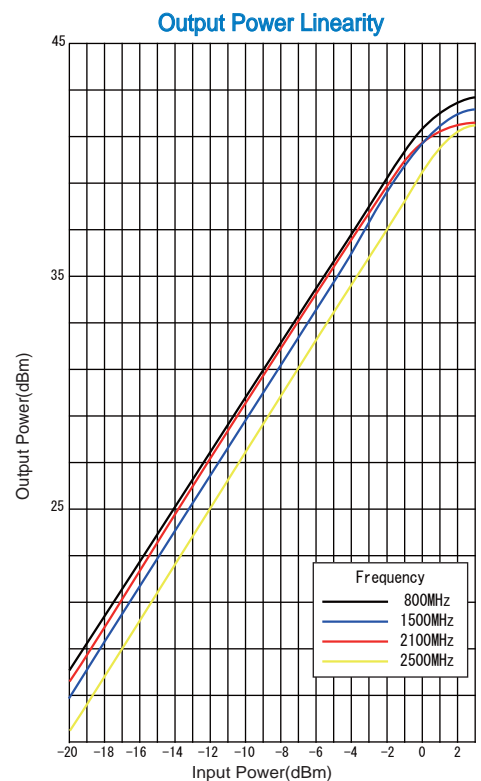
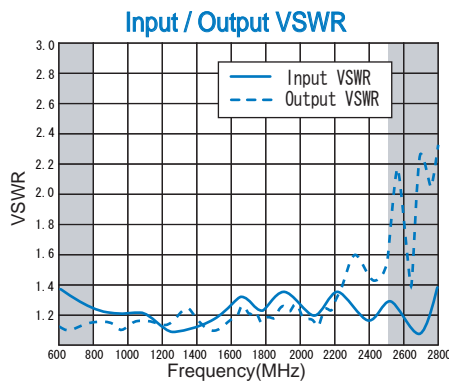
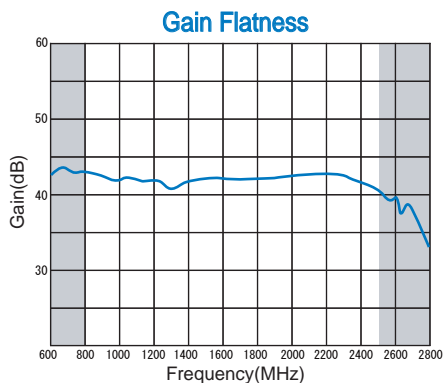
### SPECIFICATIONS @ +25°C

|                        |                                    |
|------------------------|------------------------------------|
| Frequency Range        | : 800MHz ~ 2500MHz                 |
| Small Signal Gain      | : +40.0dB (min.)                   |
| Gain Flatness          | : ±1.5dB (max.)                    |
| Output Power           | : 10W (min.) @1dB Comp.            |
| Output I.C.P           | : +50.0dBm (typ.)                  |
| Harmonics              | : -18.0dBc (max.) @Po=10W          |
| Spurious               | : -60.0dBc (max.) @Po=10W          |
| Operation Mode         | : Class A                          |
| Impedance              | : 50Ω                              |
| Input VSWR             | : 2.0 (max.)                       |
| Output VSWR            | : 3.0 (max.)                       |
| AC Supply Input        | : AC100V±10%/1φ,<br>50/60Hz, 300VA |
| Maximum RF Input Power | : +3dBm                            |
| Operating Temperature  | : -10°C to +45°C                   |
| Storage Temperature    | : -15°C to +65°C                   |
| Connectors             |                                    |
| RF - IN                | : SMA - FEMALE                     |
| RF - OUT               | : SMA - FEMALE                     |
| Size                   | : (W)426mm×(D)400mm×(H)148mm       |
| Weight                 | : 20.0kg (max.)                    |
| Cooling                | : Forced Air Cooling               |
| Protection Circuit     | : Over Temperature Protection      |

### HOW TO ORDER

Model Name  
R&K-A0825-4040-R No Option

### TYPICAL PERFORMANCE (Temp @+25°C)



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 extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, R&K cannot export products to any country for use in military or defense applications.

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