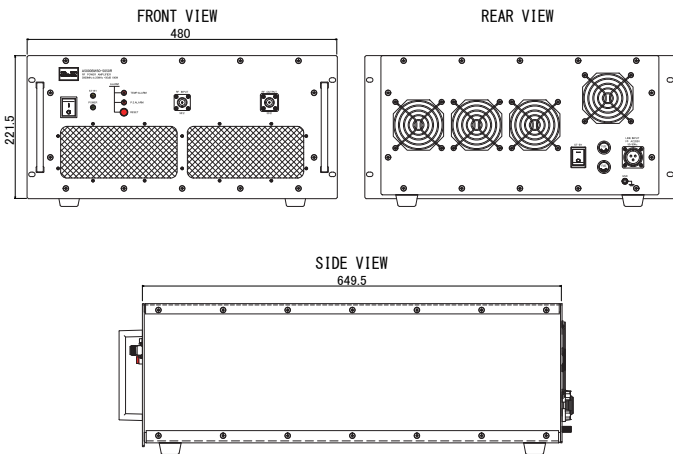


## R&K-A5800BW50-5050R

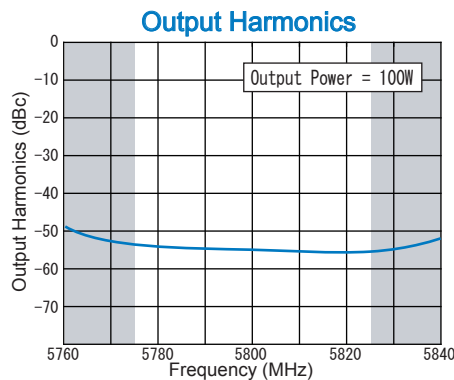
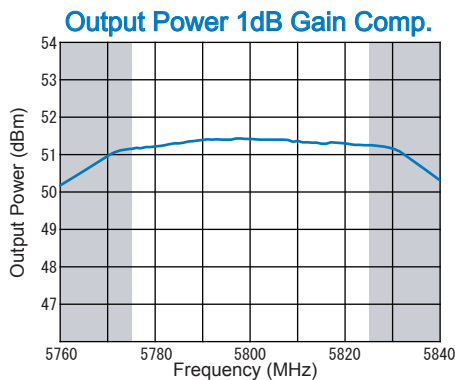
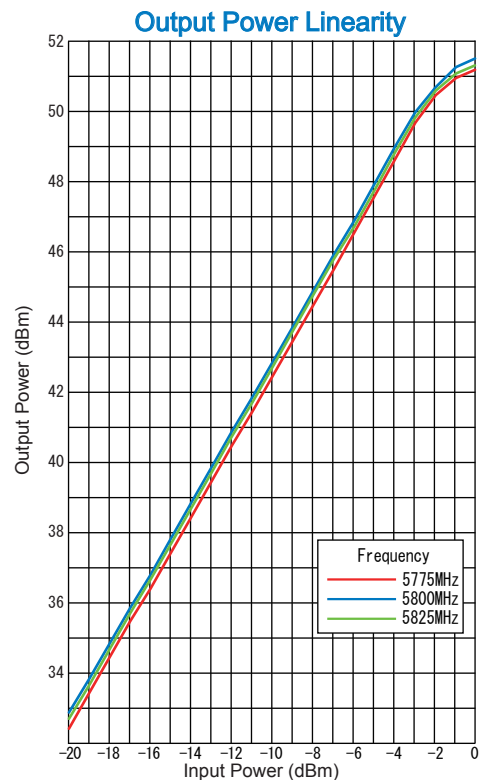
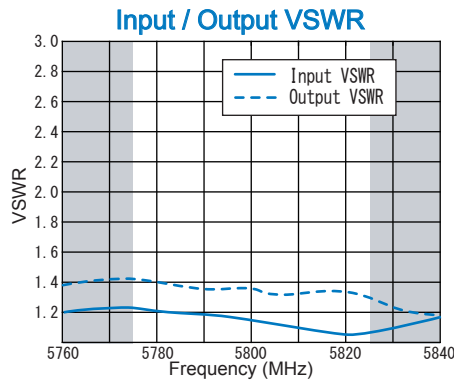
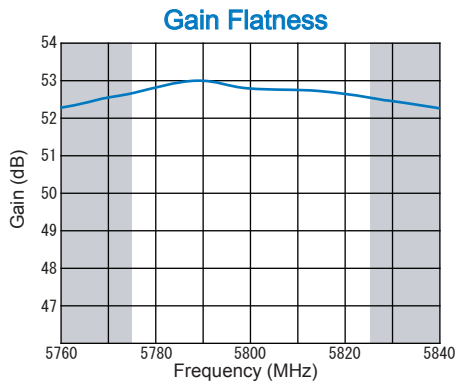


### OUTLINE DRAWING

※IN MILLIMETERS



### TYPICAL PERFORMANCE (Temp @+25°C)



- All Solid-State Amplifier
- Frequency Range: 5800MHz ± 25MHz
- Output Power : 100W (min.) @ 1dB Comp.

### APPLICATION

- Industry Science Medical
- Etc...

### SPECIFICATIONS @ +25°C

- Frequency Range : 5800MHz ± 25MHz
- Small Signal Gain : +50.0dB (min.)
- Gain Flatness : ± 1.0dB (max.)
- Output Power : 100W (min.) @ 1dB Comp.
- Operation Mode : Class A
- Harmonics : -30.0dBc (max.) @ Po=100W
- Spurious : -70.0dBc (max.) @ Po=100W
- Impedance : 50Ω
- Input VSWR : 2.0 (max.)
- Output VSWR : 2.0 (max.)
- Maximum RF Input Power: +3dBm
- AC Supply Input : AC200V ± 15% / 1φ, 50/60Hz, 1.2kVA
- Operating Temperature : 0°C to +35°C
- Storage Temperature : -15°C to +65°C
- Connectors : RF - IN N - FEMALE, RF - OUT N - FEMALE
- Size : (W)480mm × (D)649.5mm × (H)221.5mm
- Weight : 35.0kg (max.)
- Cooling : Forced Air Cooling
- Protection Circuits : Over Temperature Protection, Power Supply Voltage Protection
- Other : With Output Circulator

### HOW TO ORDER

Model Number R&K-A5800BW50-5050R OP XX Option: Ask

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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