2020 Model
R&K-GA801M402-5757R

**All Solid-State Amplifier**
- Broadband Frequency: 800MHz ~ 4000MHz
- Output Power (CW): 550W (min.) @3dB Comp.

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

**SPECIFICATIONS @ +25℃**
- Frequency Range: 800MHz ~ 4000MHz
- Small Signal Gain: +57.0dB (min.)
- Gain Flatness: ±2.5dB (max.)
- Output Power (CW): 550W (min.) @3dB Comp.
- Operation Mode: Class A
- Harmonics: -20.0dBc (max.) @Po=450W
- Spurious: -70.0dBc (max.) @Po=450W
- Impedance: 50Ω
- Input Return Loss: 9.5dB (min.) / VSWR: 2.0 (max.)
- Maximum RF Input Power: +4.0dBm
- AC Supply Input: AC200V ±15% / 3φ
- Operating Temperature: 0℃ to +35℃
- Storage Temperature: -15℃ to +55℃
- Connectors: RF - IN N - FEMALE @REAR PANEL
- RF - OUT 7/16” - FEMALE @REAR PANEL
- Size (Standard): (W)560mm×(D)1000mm×(H)1104mm(EIA:20U)
  *Excluding Projection
- Weight: 230kg (typ.)
- Cooling: Forced Air Cooling
- Protection Circuits: Over Temperature Protection
- Power Supply Voltage Protection
- Output Over Power Protection(@577.5W)
- Output Over Reflected Power Protection(@270W)
- Remote Interface: [Standard] GPIB (IEEE-488)
  [Optional] Ethernet, RS-232C
- Other Functions: R&K Multi Monitoring System
  Safety Interlock(EMERGENCY)

**TYPICAL PERFORMANCE (Temp @+25℃)**

**Small Signal Gain**

**Input / Output VSWR**

**Output Power Linearity**

**Output Power 1dB Gain Comp.**

**Output Harmonics**

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