

PULSED RF POWER AMPLIFIER

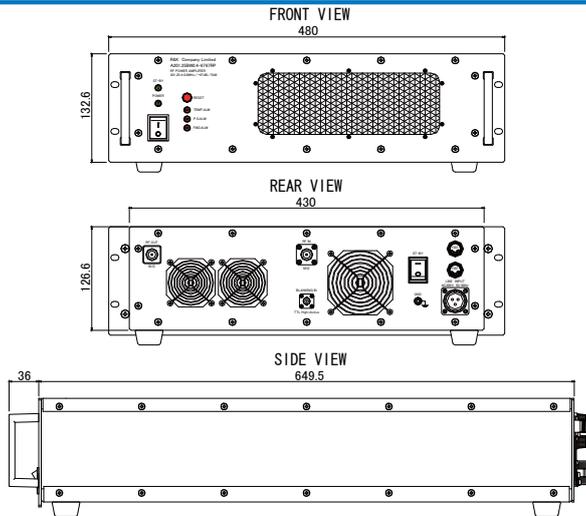


R&K-A201.25BW0.4-6767RP



OUTLINE DRAWING

※ IN MILLIMETERS



- All Solid-State Amplifier
- Frequency Range: 201.25MHz ± 0.2MHz
- Output Power : 5kW (min.) @Peak (Pulse)

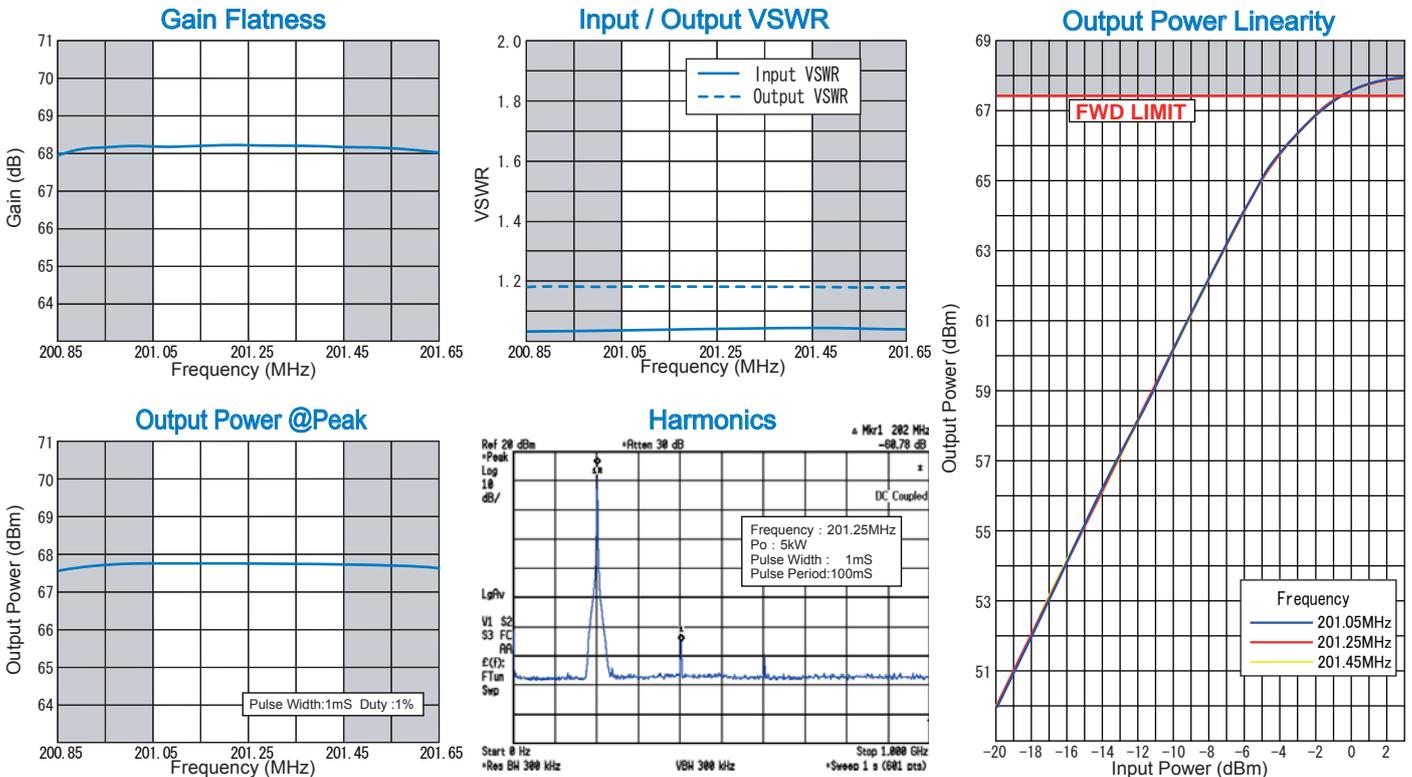
SPECIFICATIONS @ +25°C

Frequency Range	: 201.25MHz ± 0.2MHz
Gain	: +67.0dB (min.) @Po=5kW
Gain Flatness	: ±0.3dB (max.) @Po=5kW
Output Power	: 5kW (min.) @Peak
	Pulse Width: 1ms Duty: 1%
Operation Mode	: Class AB
Harmonics	: -30.0dBc (max.) @Po=5kW
Impedance	: 50Ω
Input VSWR	: 1.3 (max.)
Output VSWR	: 1.5 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC200V ± 15% / 1 φ 50/60Hz
	Ave. 400VA(max.) @Po=5kW
	Peak 800VA(max.) @Po=5kW
Operating Temperature	: 0°C to +35°C
Storage Temperature	: -15°C to +55°C
Connectors	: RF - IN N - FEMALE
	RF - OUT N - FEMALE
	BLANKING IN BNC - FEMALE
Size	: (W)480mm × (D)649.5mm × (H)132.6mm
Weight	: 30.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection
	Power Supply Voltage Protection
	Output Over Power Protection
	: With Output Circulator

HOW TO ORDER

Model Name
R&K-A201.25BW0.4-6767RP OP XX Option: Ask

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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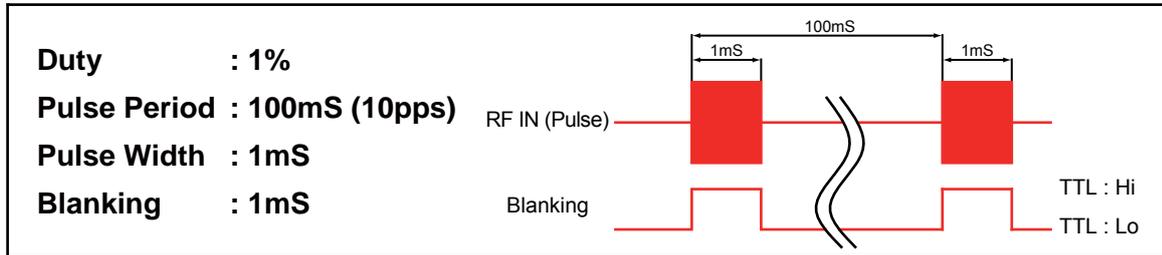
721-1 Maeda, Fuji-City, Shizuoka-Pref. 416-8577 Japan
Tel: +81-545-31-2600 E-mail: info@rkco.jp
Fax: +81-545-31-1600 URL: http://rk-microwave.com

TYPICAL PERFORMANCE (Temp @+25°C)

R&K-A201.25BW0.4-6767RP

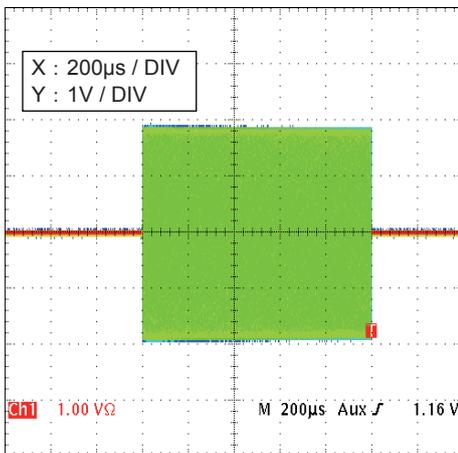
Output Pulse Characteristics

Measuring Points

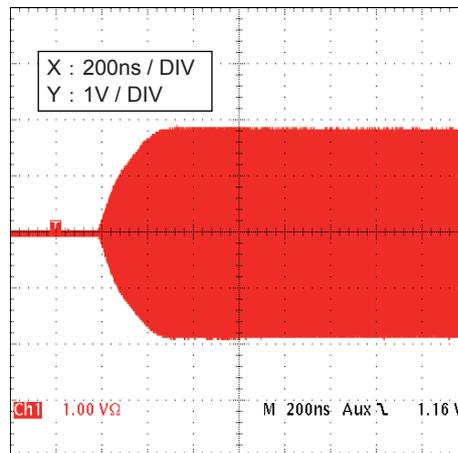


• Frequency: 201.25MHz Po:5kW

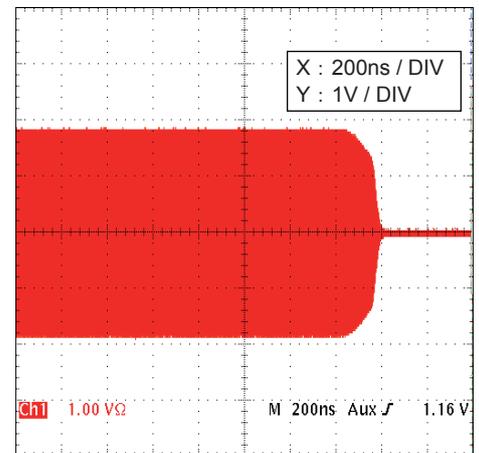
• Output Pulse



• Pulse Rise

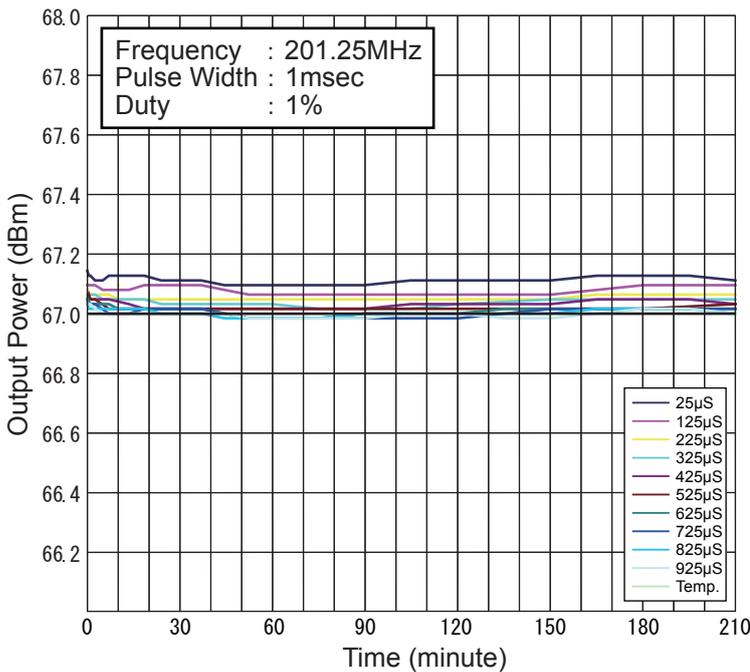


• Pulse Fall

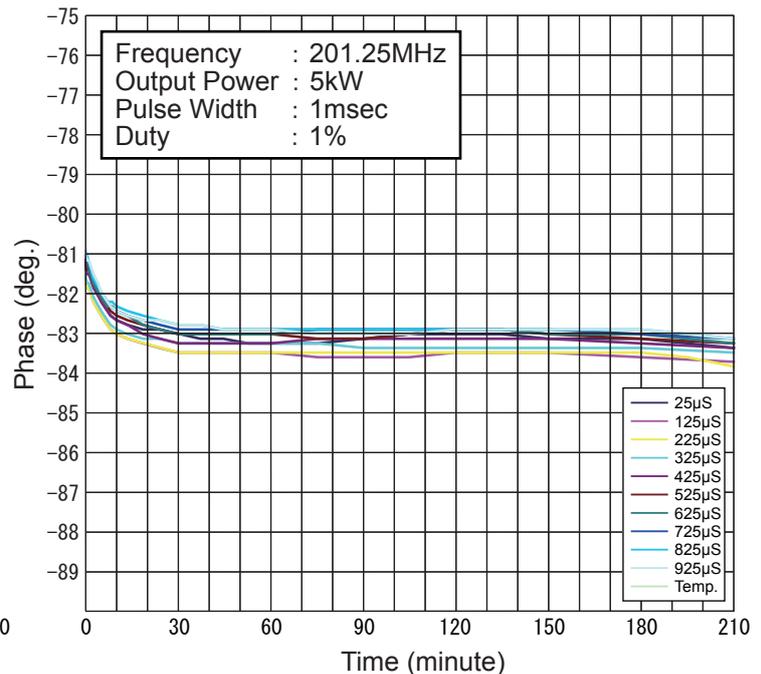


Output Power / Phase Stability

Output Power Stability



Phase Stability



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