

C-Band 4kW GaN High Power Solid State Power Amplifier

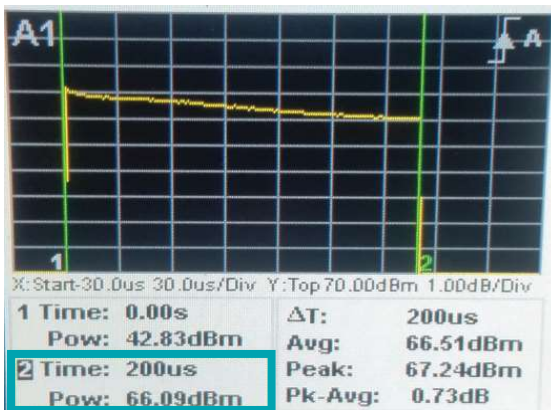


Product Features

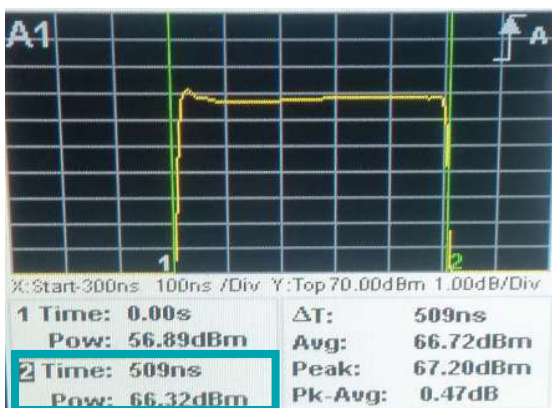
- Frequency range : 5.5GHz to 5.7GHz
- Smallest passive combining technology
- Integrated power supply
- Shortest repair time
- High efficiency
- Easily power combined for any power level

Specifications

Frequency Range	5.5 to 5.7 GHz
Saturated Peak RF Output	4kW
Typical Pulse Width	0.5 to 200 us
Maximum Pulse Droop	1dB
Duty Cycle	10%
Output Power Flatness Across Frequency range	1dB
Pulse Repetition Frequency	50Hz to 5kHz
Prime Power	230V/50Hz
Cooling	Active air convection
RF Input Connection	Type N female
RF Output Connection	WG187
Dimensions (width)	17.72 in (45cm)
Dimensions (height)	19.68 in (50cm)
Dimensions (depth)	11.81 in (30cm)
Weight	132.3 lbs. (60kg) max.
Status Display	In/Output Power Temperature



@ PRF 5kHz, Pulse Width=200usec



@ PRF 5kHz, Pulse Width=0.5usec

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from Wavice for use in equipment design.