

FOR IMMEDIATE RELEASE

New 500-6000 MHz 25W GaN Module

Empower RF is pleased to announce the release of model 1219, a single band solid state GaN module delivering a minimum 25W (40w typical) across its entire .5 to 6 GHz band. Empower RF is the first amplifier manufacturer to cover this bandwidth with an affordable COTS product.

The 1219 utilizes 50V GaN on SiC transistors which have lower leakage currents and higher thermal conductivity and is a more reliable technology than GaN on Si. An added benefit, 50V devices require about half the input current as their 28V counterparts which reduces power supply cost, size, and weight.



This compact class AB amplifier is suitable for broadband mobile communications, jamming, and product test applications. Control and monitoring includes both discrete and digital RS485 interfaces for

- ✓ Gain Adjustment
- ✓ Temperature Monitoring
- ✓ Input Current Monitoring
- ✓ Reset/PA Blanking
- ✓ Alarm

The module comes with the mating connector/pigtail and optional Control Software is available to optimize module performance out of the box. Heat sink and fan assembly available.

Learn More About This Product:

https://www.empowerrf.com/products/display_amplifier.php?sku=1219

Download datasheet:

http://www.empowerrf.com/datasheet/Empower_RF_Amplifier_1219.pdf

Complete Empower RF Amplifiers lineup:

http://www.empowerrf.com/products/rf_power_amplifier.php



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Empower RF Systems is the technology leader in RF and Microwave power amplifier solutions for defense, commercial, and industrial applications. Our products incorporate the latest semiconductor and power combining technologies and originate from an extensive library of “building block” designs. Solutions range from basic PA modules to multifunction PA assemblies with embedded, microprocessor controllers.

Visit Empower RF website:

<http://www.EmpowerRF.com>

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