

FOR IMMEDIATE RELEASE

C Band Transmitter for Radar and Jamming

Empower RF Systems Model 2217 is a Long Duty Cycle Pulsed GaN On SiC Amplifier Delivering 8KW of Peak Power.

This air cooled 8 KW 20% duty cycle pulse amplifier system brings sophisticated monitoring, protection, and control functions to mission critical applications. It's an intelligent amplifier system with a flexible software and embedded firmware design that can be customized to add mission support capabilities specific to the users integrated system. Remote control and monitoring is included.



The 2217 is based on Empower's established and field proven Next Generation architecture that is tactically deployed on range and operating in support of critical DOD missions.

The 2217 comes complete with internal directional coupler, external forward and reverse sample ports, and an easy to use web GUI. In depth health monitoring with alarms visible on the front panel are also pushed out via the LAN port. For critical "on air" applications, the 2217 provides "Graceful Output Power Degradation", backing down power to a safe operating level in the event of component failure or excessive Load VSWR condition.

Product Highlights

- Higher Availability
- Higher Efficiency
- Best in Class SWaP
- Waveform Flexibility
- Rugged for Mobile Deployment
- Remote Monitoring and Control
- Active RF Device Redundancy- Graceful Output Power Degradation



Empower RF Systems, Inc. Press Materials
Distribution: Unlimited
Author Date: February 4, 2021

FOR IMMEDIATE RELEASE

For technical application questions and to learn more on features that ease integration into your system hardware and software, please email your questions to sales@EmpowerRF.com or call (310) 412-8100 and press 2 for sales.

Learn More About This Product:

https://www.empowerrf.com/datasheet/Empower_RF_Amplifier_2217.pdf

Complete Empower RF Amplifiers lineup:

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

Empower RF Systems is the technology leader in high power amplifier solutions for reliable communications, defense, 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 modules to multifunction PA assemblies with embedded real time microprocessor control.

CONTACT

Corporate Offices:
sales@empowerrf.com
<http://www.EmpowerRF.com>
Empower RF Systems, Inc.
316 W. Florence Avenue
Inglewood, CA 90301
P: +1 (310) 412-8100

MEDIA Contact

Tatyana Safronova
Web & Print Media Manager
tatyana.safronova@empowerrf.com
Tel: 310-412-8100 x124