

FOR IMMEDIATE RELEASE

Ultra Broadband RF Amplifier in a 3U Chassis

Empower RF Model 2198 is a solid state tri-band amplifier in a single 3U chassis ideal for general purpose lab and production line test applications. With user selectable modulation and power output modes this amplifier integrates easily into any test system and simplifies test setups with selectable AGC and ALC modes. The amplifier is ready to go out of the box with its built in browser GUI so there's no software to install for PC or Lan control.



Whether you're benchtop testing in the lab or using an integrated equipment rack with automated test functions on the production floor, your productivity improves with feature rich SSPA's from Empower RF Systems.

The 2198 is a popular choice for semiconductor and other microwave component testing applications, CW or pulsed. The ultra wide band 2198 covers 20MHz to 6000MHz in a three band compact configuration. RF is routed to the single output connector via internal RF switching to the selected band. Band selection done through the front panel LCD, peer or Lan connected PC via browser GUI (no software to install) or via SCPI ASCII commands over Ethernet or serial port.

The embedded firmware/software of these amplifiers make a truly configurable amplifier with modes and features that include:

Selectable Output Power Control

- Automatic Gain Control (AGC)
- Automatic Level Control (ALC)
- Manual Gain Control (MGC)

Selectable Operating Modes

- CW, FM, AM, CE
- Digital Modulation
- Multi-carrier / Multitone
- Pulse Modulation
- Gated Pulse

Built in Peak Detectors



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- Input and Output Detectors
- Selectable Peak and RMS

Learn More About This Product:

https://www.empowerrf.com/products/display_amplifier.php?sku=2198

Download datasheet:

https://www.empowerrf.com/datasheet/Empower_RF_Amplifier_2198.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.

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