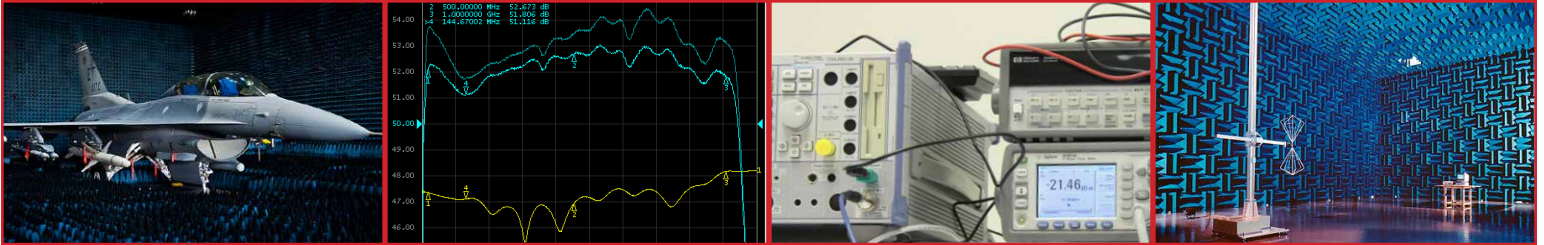



AMPLIFIERS FOR RADIATED IMMUNITY



1 KW

5U chassis



SKU 2203 1 - 30 MHz
SKU 2162 20 - 1000 MHz
SKU 2170 1000 - 3000 MHz

200 W

5U chassis



SKU 2215 1900 - 6000 MHz

EMC compliance labs are choosing Empower RF for its technology advancements that have leapfrogged the old establishment while offering refreshing and long overdue performance and feature set enhancements. These technological advancements in power density, high power output, packaging, manufacturing, linearity, thermal management, and lower cost have resulted in the issuance of various patents including “Broadband Linearization Module and Method” and are derived from a highly talented engineering staff with proven success in Defense, Communications, Aerospace and Broadcast industries.

We provide best in class RF and Microwave amplifiers that go beyond 200V/m CW and 600V/m pulsed for today’s demanding Radiated Susceptibility testing requirements. The performance benefits include:

- Very High Power Output
- Low Harmonics
- Load VSWR 3:1
- Input Overdrive Protection
- Thermal Overload Protection
- AC Power Over/Under Protection
- Out of Band Drive Protection
- Multi User Interface M&C
- Embedded Web Server/Remote Access
- Selectable User Output Power Control: AGC, ALC, MGC

Call today to learn more or
schedule a product demonstration!
(310) 412-8100
or email us at
sales@empowerrf.com



About Us

Empower RF Systems, Inc is a technology innovator of RF and Microwave amplifiers. Headquartered in Los Angeles, Empower designs and manufactures 10 KHz to 6 GHz solid state power amplifiers with output power ranging from 10 Watts to multiple kWatts and offers standard EIA rack mount systems, modules, and custom solutions. Empower offers the latest in Class A and AB amplifiers that provide infinite load VSWR electronic protection with low distortion signals. This broad range of capable amplifiers is ideal for EMC/EMI and ISM susceptibility applications. Empower’s ability to customize options, transmit clean signals with low harmonics and cater to the application of the end-user, provides the flexibility needed for your product testing requirements.

See list of products
on other side

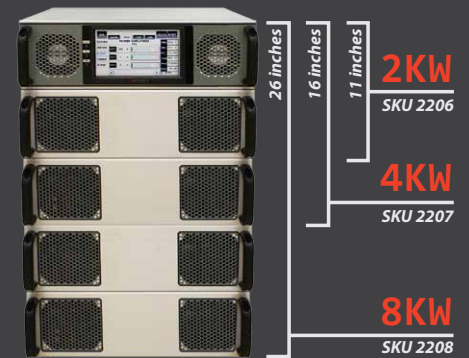
MIL-STD-461, DO-160, IEC-61000, AUTOMOTIVE PULSED, HIRF

SYSTEMS

SKU	Start (MHz)	Stop (MHz)	Pout (Watt)	Gain (dB)	Size
2204	1	30	500	60	R3U
2203	1	30	1000	60	R5U
2173	20	500	500	57	R3U
2126	20	500	1000	60	R5U
2191	20	1000	100	49	R3U
2192	20	1000	250	54	R3U
2162	20	1000	1000	63	R5U
2198	20	6000	100/100/40	49/49/45	R3U
2175	80	1000	500	60	R3U
2174	500	1000	500	56	R3U
2206	1000	2000	2000 Pulse	63	R3U+R3U
2207	1000	2000	4000 Pulse	66	R3U+R3U+R3U
2208	1000	2000	8000 Pulse	69	Five R3U
2180	1000	2500	2000	64	R5U+R3U
2193	1000	3000	100	49	R3U
2194	1000	3000	250	54	R3U
2187	1000	3000	500	57	R5U
2170	1000	3000	1000	63	R5U
2215	1900	6000	200	53	R5U
2196	2000	6000	35	46	R3U
2197	2000	6000	80	49	R3U
2195	2000	6000	120	51	R3U

Industry 1st

Scalable L-band Pulsed Family



You buy only the power you need today and add power amplifier blocks later when your requirements grow.

Adding 3U power amplifier blocks is accomplished easily and simply with no phase matching required

Benefits of Scalability

- Planning for an uncertain future, add a second when your future need requires more power
- Reduce overall capital expense
- Shorten project schedules
- Increase your amplifier utilization
- Support multiple projects simultaneously with individual units or combine units for large power requirements

POWER AMPLIFIERS THAT ARE SMARTER

- Uses standard web browser
- Real time power amplifier diagnostics
- Separate application is handling the RF monitoring and control
- Ability to pull the HPA into a "network" of end user system components

