Empower RF Systems Launches the Innovative C-Band GaN Pulsed Amplifier for Radar

The model 2240 is a compact, lightweight, and rugged pulsed amplifier that delivers a minimum 800W peak power across the 5.2 to 5.9 GHz frequency range. The 2240 is ideal for radar systems that operate in C band, such as air traffic control, weather forecasting, and maritime surveillance. Capabilities include pulse widths from 1 to 500usec and duty cycles up to 20%. It is built with the latest GaN technology, which provides high power and high efficiency. This air cooled SSPA is designed for 19” rack mount or bench top applications and is 3U in height.



Remote control and diagnostics are available via the Ethernet port to a LAN with either a Web browser or M2M (Machine-to-Machine) interface or using the Local Touchscreen panel. The control system runs an embedded OS (Linux). Empower RF's ISO9001Quality Assurance Program assures consistent performance and the highest reliability1. The Model 2240 is a testament to Empower RF Systems' commitment to delivering high-quality, reliable, and innovative products to the market.