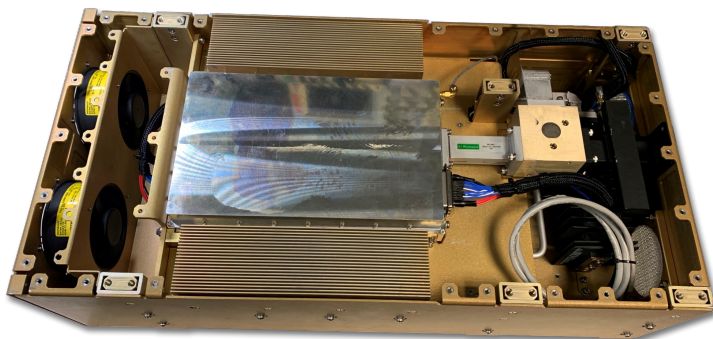


CPI Electron Device Business RF Power Transmitter



CPI Electron Device Business' VSX3696ON is an air-cooled 1.0 kW X-band solid-state transmitter optimized for pulsed radars.

X-band solid-state power transmitters are efficient, high-power, and compact with proven GaN transistor technology..

CPI EDB's VSX3696ON solid-state power amplifier is rugged, reliable designed for airborne applications. The VSX3696ON solid-state transmitter is designed for use in radar applications and covers the 9.1 – 10.0 GHz frequency band.

Optimized for Pulsed Radars

This amplifier utilizes GaN transistors to provide high gain, high efficiency and excellent pulse fidelity. The result is excellent AM/PM, phase-noise and spectral regrowth performance.



FEATURES:

- Frequency band: 9.1 – 10.0 GHz
- High efficiency GaN transistors
- Ethernet BIT and controls
- 1000 W pulsed module @ 10% duty

BENEFITS:

- Long life
- High efficiency
- Excellent pulse fidelity
- Low phase noise

APPLICATIONS:

- Pulsed radars
- Airborne radars
- TWTA replacements