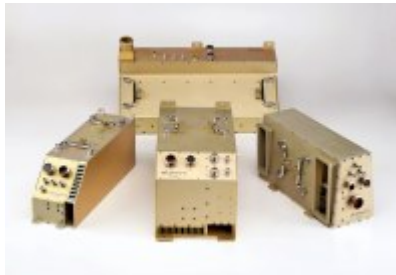


March/April 2009

## What's New

### PRODUCTS



*Editor's* **CHOICE**

Chris A.

Cluff



## High-power airborne ECM microwave transmitters

dB Control: ECM MPMs 2009 MES Mar\_Apr

Since we seem to be on an avionics kick this month, here's another airborne product set worthy of distinction: dB Control's Electronic Countermeasure (ECM) Microwave Power Modules (MPMs). This family of four MPMs provides up to a whopping 1,500 W in Continuous Wave (CW) or pulsed varieties. The RAM- or ECS air-cooled transmitters are conduction cooled and designed for extremely rugged environments while providing high reliability and EMI compliance to MIL-STD-461E.

Available in four flavors, the LRU-style MPMs are modularly designed to meet off-the-shelf and custom requirements: High-band transmitter, 6-18 GHz with 1,500 W at 5 percent duty cycle; high-band CW transmitter, 6-18 GHz with 100 W CW pulse; dual high-band transmitter, 6.5-18 GHz, 200 W per channel CW or pulse; and single low-band transmitter, 2-7 GHz, 200 W CW or pulse. All use highly efficient, mini-helix Traveling Wave Tube (TWT) technology with a low-noise, solid-state driver amplifier. They're also extremely compact and offer flexible packages for easy customization.

[Find dB Control products](#)

[http://www.mil-embedded.com/products/EditorsChoice/?s1=New\\_RSC\\_&s1val=41456](http://www.mil-embedded.com/products/EditorsChoice/?s1=New_RSC_&s1val=41456)