



## **New VeriWave RF Interference Generator Helps WiFi Vendors Meet Changing FCC Radar Coexistence Certification Requirements**

### ***Speeds Development and Testing of 802.11n Devices Operating in 5 Ghz Bands***

PORTLAND, OR, March 30, 2010—VeriWave is introducing a breakthrough RF Interference Generator that speeds and reduces costs associated with ensuring new products comply with new rules for WiFi devices sharing radio bands with Bluetooth devices, microwaves and civilian radar installations. VeriWave's *new RF Interference and DFS Pulse Generator* lets developers of 802.11n-compliant WiFi chipsets, receivers, Access Points (APs) and user devices expand test coverage, reduce development cycles and reduce the cost and complexity of testing exponentially.

International certifications commissions and IEEE specifications for 802.11n require WiFi devices to vacate channels in deference to radar systems. VeriWave's RF solution features a first-of-its-kind DFS Pulse Generator that introduces radar traffic to the mix along with traditional RF test traffic. The Federal Communications Commissions (FCC) in particular continues to define new radar pulse types that must be included in DFS testing.

With Access Point vendors placing a greater premium on products' ability to detect and react appropriately to interference from radar, microwave ovens and other common RF traffic, VeriWave's Interference Generator also replaces costly and complex signal generation methods requiring multiple devices and premium engineering time. The new solution simplifies the creation of interfering waveforms in popular 802.11 bands to a "point and click" process allowing testers to configure and modify traffic characteristics including signal strength, burst lengths and burst rates, while easily automating and repeating tests. Along with the expanded test coverage, the complex process of creating I/Q waveforms needed to model real world scenarios.

"The last thing a manufacturer wants to do is have a new product or release fail FCC or international certification tests for lack of pre-testing and have to delay shipment and essentially start again," says Eran Karoly, VP Marketing at VeriWave. "With so many more WiFi devices sharing the high-profile 5 Ghz bands, our DFS pulse generator is the only cost-effective way to recreate live network conditions without outsourcing to expensive EMI labs."

## **Pricing & Availability**

Available now, VeriWave's RF Interference and DFS Pulse Generator pricing starts at \$8,995.

## **About VeriWave**

Testing with VeriWave ensures maximum performance for mobile networks, devices and applications in the real world. From development through deployment and beyond, VeriWave helps leading manufacturers, service providers and users measure, analyze and improve speed, quality, interoperability, compliance and other pivotal aspects of mobile performance. For more information about VeriWave, call (503) 473-8350, or go to [www.veriwave.com](http://www.veriwave.com)

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