



OPTICHRON®

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FOR IMMEDIATE RELEASE

**Optichron® and Sumitomo Electric Device Innovations to Demo
Breakthrough RF Power Amp at MTT Microwave Symposium**

*Combines Optichron DPD IC and SEDI GaN Transistors to Deliver Up to 50MHz of Signal
Bandwidth with Over 56% PAE*

FREMONT, Calif. – May 24, 2010 – Optichron, Inc., the leader in digital nonlinear signal processing, today announced that together with Sumitomo Electric Device Innovations, U.S.A., Inc. (SEDI), they will demonstrate Optichron's industry leading, high performance Digital Pre-Distortion (DPD) technology with a SEDI GaN Doherty Power Amplifier (PA) using the latest generation SEDI EGN21C105I2D GaN transistors. The combined solution delivers breakthrough RF performance with up to 50 MHz of signal bandwidth and over 56% power added efficiency (PAE). The live demonstration will be in SEDI booth #1333 at the MTT Microwave Symposium in Anaheim from Tuesday, May 25 through Thursday, May 27, 2010.

Optichron provides linearization technology with their latest OP6180 DPD product and SEDI delivers a GaN transistor based Doherty PA with signal power of 48.7 dBm and a PAE of 56.7%. The demonstration uses the Optichron OP6180 Development Platform and a Doherty Amplifier based on the SEDI EGN21C105I2D, a 2.14 GHz 105W device.

During the exhibition hours, Dane Elliot, Optichron's vice president of marketing, will be

available at the booth to answer questions and discuss opportunities. Please email dane.elliott@optichron.com to schedule a meeting during the event.

About Optichron

Optichron, Inc., the leader in digital nonlinear signal processing technology, designs and manufactures integrated circuits that enable significant improvements in system-level cost and performance for communications applications. Optichron's proprietary linearization technology is the industry's most efficient solution for correcting nonlinear distortion, a problem present in all signal processing systems. Signal linearization gives system designers more headroom to implement faster, more efficient systems that cost less to build and operate. For more information and product details please visit www.optichron.com.

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