

Hi Everyone,

GMW will be at Booth 634 of the 2017 IEEE International Symposium of Electromagnetic Compatibility, Signal and Power Integrity from August 7-11 in National Harbor, MD. For details, see:

www.emc2017.emcss.org

The exhibition runs from Tuesday morning through Thursday mid-day. I will be accompanied by Richard Leonard, Business Development Manager at Pulsed Power & Measurement (PPM). Note there is Free Exhibit Hall Only Registration available at: https://iplanit.swoogo.com/emc2017/begin?reg_type_id=4608

From PPM, we will be showing:

- [Point-2-point](#) Fiber Optic Links for high voltage isolation, transmission over long distances and/or very high EMP shielding effectiveness, the point2point System offers fixed gain DC links with frequency response to 40MHz and AC links with frequencies from 40Hz to 3GHz.
- [Sentinel 3](#) Intelligent Fiber Optic Link system. With bandwidth to 3GHz, Sentinel 3 improves upon existing Fiber Optic Links systems with faster set-up times, reduced measurement times, greater testing endurance and increased confidence in test data. Up to six Receiver modules with one, two or six inputs can be mounted in a single 19" chassis, each module with a different programmable configuration as needed. Each Receiver module can be connected to a single channel or eight channel Transmit head, thereby allowing up to 288 channels within a single rack.

GMW will also show measurement sensors and transducers for electrically isolated current measurements including:

- [PEM Clip-On AC Rogowski Current Probes](#) with frequency response to 30MHz, current ranges to over +/-300kA and Coil lengths to over 30m. Applications range from ac power measurements, through power semiconductor switching waveform characterization to lightning current discharge monitoring. New versions include electrostatic shielding to reduce artifacts from very high dV/dt.
- [Bergoz](#) and [Magnetlab](#) Passive AC Current Transformers with frequency response extending to 1.5GHz and with sensitivities as high as 5.0V/A.

Magnetic Shielding applications are supported by [Bartington 3-axis Helmholtz Coil Systems](#) with reference fluxgate magnetometers suitable for shielding effectiveness testing and device and instrument magnetic characterization and compatibility. The new MAG639 can measure sub mT fields with frequency response from dc to 12kHz.

Examples of Magnetic Field measuring instruments will include [Bartington Fluxgate Sensors](#) for low fields to 2mT (20G), [Senis One- and Three-Component Analog Hall Transducers](#) available with frequency response to 75kHz, and [Metrolab Digital USB Three-Axis Field Probes](#) with Fluxgate and Hall sensors.

If you are attending EMC or in the Washington area, please stop by Booth 634.

Regards,
Brian

PS: Please let me know if you no longer have an interest in GMW updates. Thank you. Brian

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