EMSCAN real-time results

TMetrix Inc. Test & Measurement A Subsidiary of Allan Crawford Associates Ltd.

An ACA TMetrix "Day with the Expert" Seminar - Presented Live in Person by
Elya B. Joffe, Recipient of the IEEE "Third Millennium Medal" and IEEE "Honorary Life Member" !

Signal Integrity Considerations in the Design of Super Ultra Speed (>2GHz) PCBs

- Holiday Inn & Suites November 26, 2013
  (101 Kanata Avenue Ottawa, ON K2T 1E6)

What will be covered?

Very-near-field measurements of radiated emissions are fast and easy to make and avoid the delays and set-up needed for far-field measurements in a chamber. They allow EM and RF testing in less than one second!

Using these techniques a designer can identify and prioritize signals, determine layout rules and choose the layer stack up scheme and perform a detailed look at termination, ground bounce, ringing, crosstalk and EMI and analyze all routing needs to determine overall and individual bus rules early in the design cycle thus saving time and cost.

This seminar will discuss using very-near-field measurements. Practical tips and a demonstration of an actual "real-time" EHX will be shown.

Who should attend?

You are facing EMI and EMC issues in the design of High Speed/High Density PCBs; don't miss this seminar!

Oct. 14, 2013 - Santa Clara, CA
Oct. 15, 2013 - San Diego, CA
Oct. 16, 2013 - Hillsboro, OR
Oct. 17, 2013 - Bellevue, WA
Oct. 18, 2013 - Burnaby, BC
Nov. 25, 2013 - Montreal, QC

Nov. 26 Ottawa, ON
9 am - 12 noon

This event is sponsored by ACA TMetrix.

There is no cost to registered attendees.

Click here to register

Nov. 27, 2013 - Toronto, ON
Feb. 03, 2014 - Georgia
Feb. 04, 2014 - Florida

The presenter

Elya B. JOFFE, K.T.M. Project Engineering, Kfar-Sava, Israel, and Senior EMC engineering Specialist and consultant.

Mr. Joffe has over 25 years of experience in government and industry, in EMC/E3, Electromagnetic Compatibility/Electromagnetic Environmental Effects, for electronic systems and platforms, in particular aircraft and aerospace. He is actively involved in the EMC design of commercial and defense systems, from circuits to full platforms.

His work covers various fields in the discipline of EMC, such as NEMP and Lightning Protection design, as well as numerical modeling for solution of EMC Problems. Mr. Joffe has authored and co-authored over 30 papers in the IEEE Transactions on EMC and Broadcasting, as well as in the proceedings of International EMC Symposia. He is Senior Member of IEEE, President of the IEEE EMC Society (2008-2009), member of the Board of Directors of the IEEE EMC Society and the Product Safety Engineering Society, and Chairs several Committees. He is also the Immediate Past Chairman of the Israel IEEE EMC Chapter and has served as a "Distinguished Lecturer" of the IEEE EMC Society.

Mr. Joffe has received several awards and recognitions from the IEEE and EMC Society for his activities. In particular, he is a recipient of the prestigious "Lawrence G. Cumming Award of the IEEE EMC Society for outstanding service", 2002, the "Honorary Life Member Award" of the IEEE EMC Society, 2004, and the IEEE EMC Society "Technical Achievement Award". He is also a recipient of the IEEE "Third Millennium Medal". Mr. Joffe is also a member of the " dB Society".

EMxpert™