

Spring

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DLS News & Views

To help keep you better informed

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April 25-27, 2017****Free 45-min. Review of
YOUR product****50% Special Discount or
\$300 Discount until April 4****- PAGE 2****MIL-STD-461G Review**

Military Testing at DLS

The MIL STD 461 Revision G affected several existing tests and testing methodologies, as well as added new tests and test procedures not referenced in the past. Review details of these changes at

www.dlsemc.com/mil461g-update.

To download a brochure of our Military and Commercial Avionic Testing Services, go to: www.dlsemc.com/mil-rtca-brochure.

**Quality Service Award
DLS receives ACIL Customer
Quality Service Award**


The American Council of Independent Laboratories has named

D.L.S. Electronic Systems recipient of the ACIL Customer Quality Service Award for 2016-2017. This award is based on a comprehensive client survey, including the integrity of data, meeting customer's service needs, technical expertise, timeliness, value, and overall satisfaction in comparison to other industry participants. Additional details about the award can be found at www.dlsemc.com/acil-cqsa.

**Multimedia Emissions
EN55032 clock frequencies**

The latest updates for testing to CISPR 32 require conducted emissions on many types of wired ports. A good example is Ethernet ports. D.L.S. has established a comprehensive program and check list to ensure that all compliance requirements are met. Read more at www.dlsemc.com/multimedia.

RED Directive Deadline

By June 13, 2017 all manufacturers must have their Declaration of Conformity (DOC) updated referencing the RED, as the R&TTE Directive will be withdrawn on June 12, 2017. Watch for our early April detailed article on how the RED may affect your product, written by our OATS manager Bill Stumpf and published in InCompliance Magazine's April issue.

**Explosive Atmosphere
D.L.S. expands Explosive
Atmosphere testing**

D.L.S. Conformity Assessment is expanding their explosive atmosphere testing capabilities. This test is implemented to demonstrate equipment's capability to operate in a flammable environment without causing an explosion, or to show that the design is able to prevent the explosion spreading outside of the enclosure of the equipment. Read more about the three types of testing environments (I, II and III) and their three categories (A, E and H) at www.dlsemc.com/explosive-atmosphere.

Contact us at 847-537-6400 with all DO-160 and MIL-STD 810 Explosive Atmosphere testing needs.



Explosive Atmosphere testing at D.L.S.

**45-minute, one-on-one
Free Review of YOUR Product
with instructor or associate at end of
EMC By Your Design Seminar**

Applying what you learn is an important part of our *EMC By Your Design Seminar*. It is so important that we ask you to bring your current prototype, drawings or board layout to a free 45-minute personal consultation with an instructor or an associate to discover any EMC/EMI problems your product has while it is still in the design stage, thus saving you time and money.



**Medical Device Update
IEC 60601-1-2:2014 for Radiated
Immunity goes into effect April 2017**

This 4th edition update references several changes, but the most severe change is referenced in section 8, radiated immunity for medical equipment and medical equipment systems. This update references changes to both frequency and field strength. Find out more at www.dlsemc.com/emc-medical.

**Medical Electrical Equipment
IEC 60601-2-10:2012 +A1 2016 Update**

Safety Standard IEC 60601-2-10:2012 + A1 2016 - Particular Requirements for the Basic Safety and Performance of Nerve and Muscle Stimulators, which includes transcutaneous nerve stimulators (TENS) and electrical muscle stimulators (EMS), requires EMC testing that is over and above the EMC testing found in IEC 60601-1-2. Find out more at www.dlsemc.com/medical+a1.

**\$300 or
50%
OFF**

Latest EMC Book

*Design Techniques for Controlling
Radiated Emissions, 3rd Edition*
contributed to and edited by Donald L. Sweeney,
including the latest digital technology, published 2014



EMC By Your Design

An EMC Practical Applications Seminar and Workshop

using the most recent EMC Design Book
plus take home proprietary computer program,
expanded section on filter design, signal integrity,
and signal return currents on PCB's
and a free 45 min. individual product design evaluation

Tuesday, April 25 - Thursday, April 27, 2017
Hilton Hotel, Northbrook, IL



\$300 discount if you register by April 4, 2017

We are also offering a special 50% discount on the April seminar to attendees of previous D.L.S. seminars who used the 1st or 2nd edition.

Classes fill quickly so register early

email cgorowski@dlsemc.com or call 847-537-6400
www.dlsemc.com/1001

Don't forget to schedule your free product review when you register.

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