

Attachment No. 9

DATE: 23 April 2010

TO: Edmund.Wypasek, Ralph.Antonelli, Lisa Hoffer, Frank Hungate

RE: Mil-Std-1344 method 3008 and EIA 364 TP 66

Deutsch Company has a number of connectors currently requiring EMI evaluation. We are currently testing in accordance with Mil-Std-1344 Method 3008. NAVAIR approved us to Mil-Std 1344 Method 3008 in 1984 with an onsite visit. After using this test method for 26 years of qualification and R&D evaluation, I have found it to be an accurate means of determining connector suitability and insufficiency to specification requirements.

Test Methods can always be improved and EIA 364 is a welcome change; although equipment (antennas, generator, analyzer, amplifiers, and other microwave test equipment) and tooling costs (impedance matching requirements) are quite substantial. Time is another factor. EIA364 requires 3000 readings per frequency (paragraph 4.4.1.1) whereas method 3008 is a manual process recording the maximum signal levels, one on the reference and one on the CUT.

I believe including 1344 Method 3008 figures 2 and 3 and paragraph 4 test procedure to EIA 364 as a surrogate choice would definitely harmonize 364-66 and 1344-3008.

Your attention of this matter is greatly appreciated.

If there is anything else I can do or supplement, please feel free.

Regards

Glen H Johnsen

International Association. For Radio, Telecommunications and Electromagnetics (iNARTE)

EMC Engineer EMC-000500-NE

EMC Technician EMC-000501-NT

SBE Membership # 24406