

## Upcoming Declaration of Conformity Changes for Information Technology Equipment

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Manufacturers of Information Technology Equipment (ITE) intended for sale in the European Union (and other countries that base their EMC regulations on CE marking) should take note of the following changes that are slated to go into effect with regard to the Declarations of Conformity as per EMC Directive 2004/108/EC. All hardware products marketed in the European Union must comply with these newer editions of the ITE related product standards and have updated Declarations of Conformity (DoC) by the dates listed below.

This is applicable for all new products as well as for products that are currently being marketed and intended to be sold after these dates. Products whose DoCs are not updated by the required date should not be sold in the European Union.

### **After October 1, 2011 DoCs have to reference EN55022:2006 +A1:2007**

EN 55022:2006 and amendment A1:2007 will replace the older, 1998 version of EN 55022. The Amendment A1:2007 requires emission measurements between 1 and 6 GHz for devices that operate at frequencies (e.g. CPU processor clocks, SERDES recovery clocks) higher than 108MHz. The limits between 1 and 3 GHz are 4 dB more stringent than the FCC limits. The test site verification procedure is different from the ANSI C63.4:2003 version of the FCC rules. To read our previous article on EN 55022:2006 and Requirements for Measurements above 1 GHz, [click here](#).

If your Declaration of Conformity (DoC) references EN 55022 then the DoC needs to be updated to include amendment 1 to EN 55022 prior to October 1, 2011. If your product contains clocks above 108 MHz then additional testing will be required to demonstrate compliance with the amendment.

### **After September 1, 2011 DoCs have to reference EN61000-3-3:2008**

This change has no technical impact for Information Technology equipment beyond the requirements in the previous version (EN 61000-3-3:1995 and amendments A1 and A2); however any references to the EN 61000-3-3 standard in your Declarations of Conformity must be updated before September 1, 2011.

### **After July 1, 2012 DoCs have to reflect EN61000-3-2:2006+A1:2009+A2:2009**

The A1 and A2 amendments to the existing harmonized standard, EN 61000-3-2:2006, have no technical impact for Information Technology equipment, however any references to the EN 61000-3-2 standard in your Declarations of Conformity must be updated before July 1, 2012.

For more information about how this change affects your products or for a price quote for services required to update your product, please contact us at [info@elliottlabs.com](mailto:info@elliottlabs.com) or call at 510-578-3500.

#### **About Elliott Laboratories, An NTS Company**

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