

## Taiwan - Emissions Testing for Information Technology Equipment -CNS 13438 Requirements for Measurements above 1GHz and Conducted Emissions on Telecommunication Ports

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Manufacturers of Information Technology Equipment (ITE) intended for sale in Taiwan should take note of some important changes that are slated to go into effect with regard to their EMC testing requirements under emissions standard CNS 13438. The Bureau of Standards, Metrology and Inspection (BSMI) recently announced changes to their requirements that are slated to go into affect on October 1, 2010.

The BSMI has stated that two new requirements will be enforced: Radiated Emissions above 1GHz and Conducted emissions on Telecommunication Ports.

The Radiated Emissions above 1GHz requirements are based on Amendment 1:2005 of CISPR 22:2005, which means testing will need to be performed in a free space facility. The Conducted Emissions on Telecommunication Ports requirements are the same as the CISPR 22.

The testing will need to be performed with the device under test operating from line voltages consistent with Taiwan. For Class A devices, testing will need to be performed at 110VAC and 220VAC or 230VAC, 60Hz. For Class B devices, testing will need to be performed at only 110VAC, 60Hz.

Products that are approved prior to October 1, 2010 will be accepted into the Taiwan market after October 1, 2010, until their certificate is subject to renewal or if changes have been made to a product that needs re-certification after this date. At that point in time, products will need to demonstrate compliance with the new requirements.

### Conclusion

Hopefully this article clarifies what has changed and what steps you need to take to ensure compliance of your ITE products with the future requirements of Taiwan. For more information about how this change affects your products or for a price quote to test your product, please contact us at [info@elliottlabs.com](mailto:info@elliottlabs.com) or call at 408-245-7800.

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