



April 2010

RF/EMC Regulatory Update

International Issue

Dear Colleague,

We have provided typical questions and answers that represent in most cases technical opinions with justification in international regulatory requirements. The particulars of the product for certification must be considered with respect to the applicability of these questions and answers. We hope you find our update valuable and we welcome your feedback if you have any special needs or questions. Call us at 703- 689-0368 for your product testing & certification requirements. You can view archived issues of MultiPoint at our [web site](#).

Mexico - COFETEL Certificate Holder

QUESTION: We have some questions about our COFETEL certificate holder and hope you can provide some guidance. We are concerned about what happens if we choose a neutral certificate holder and then, for whatever reasons, we want to change to a different certificate holder. Can this be easily transferred or does it require a new filing with COFETEL? Also, can our COFETEL certificate holder authorize the various other distributors to sell products in Mexico?

ANSWER: The first certificate issued by COFETEL is considered provisional; six months after the provisional certificate is issued, you can apply for a permanent certificate that never expires. If you want to change the certificate holder while the provisional certificate is valid, you can apply for a new provisional certificate for the new certificate holder. However, once the certificate is permanent, you cannot change the certificate holder. Instead you would have to apply for a new provisional certificate for the new certificate holder, requiring a new filing with COFETEL. If you choose a neutral certificate holder, that entity can provide authorization letters to all your distributors (once the certificate is permanent).

Mexico - COFETEL Modular Approval

QUESTION: If we obtain COFETEL modular approval for our device, can our device then be integrated into other company's products, leveraging our original modular approval for these other companies and their end products?

ANSWER: COFETEL does allow modular approval so the end products that use the approved module do not have to be certified individually by COFETEL. However, the end product must be properly labeled with the modular certificate number and indicate that the certificate number belongs to the radio module installed inside the end product. Additionally, the certificate holder should provide authorization letters to all the companies leveraging the original modular approval certificate for their end products.

Mexico - NOM Safety

QUESTION: What electronic products are not required to have NOM safety approval?

ANSWER: Products that operate with disposable batteries and products operating at less than 24V do not require NOM safety approval.

UAE - Brand Registration Requirement

QUESTION: Last year, our company obtained Type Approval for our wireless product in the United Arab Emirates (UAE). Now we are being told that there is a new prerequisite of Brand Registration in the UAE before we can apply for Type Approval for our new device. Is this correct?

ANSWER: Yes, as of March 10, 2010, the UAE imposed a requirement for Brand Registration whereby each manufacturer must apply to register their brand with the Telecommunications Regulatory Authority (TRA) before Type Approval can be issued. It is a simple paperwork submission that takes approximately two weeks to process. The Brand Registration is valid for five years for all products being approved for the same manufacturer. Prior to March 10, 2010, Brand Registration was a voluntary requirement for the UAE.

Korea - Cable Modems

QUESTION: We have some questions regarding the regulatory requirements for cable modems in South Korea. Our product is a cable modem (ITE) with LAN(RJ45 port) and without wireless and VOIP functions. Can you provide answers to the following questions?

1. What tests are required for cable modems?
2. Are there any requirements for cable modem safety?
3. Generally, how long does it take to obtain certification? (the approximate time frame from the start of testing to approval)
4. How many samples are required for testing?
5. Do we need to send the support equipment with the samples?

ANSWER: Please find responses below:

1. KCC Type Approval and EMC Registration are required for cable modems.
2. Korea has safety requirements very similar to IEC 60950 for cable modems.
3. It takes approximately six weeks from the start of testing to final approval.
4. You will need to send two samples to Korea for testing.
5. You must also send the required support equipment.

Venezuela: Product Approvals

QUESTION: We are interested in marketing our wireless product in Venezuela and we have the following questions regarding the regulatory requirements:

1. Are a local representative and local testing required?
2. Can we leverage our existing FCC or CE test reports?
3. What agency will oversee the approval?
4. What is the lead time?
5. What labeling is required?

ANSWER: Please find responses below:

1. A local representative and local testing are not required.
2. Yes, existing FCC or CE test report can be leveraged for obtaining type approval.
3. The agency that will oversee the approval is CONATEL.
4. The lead time for approval is approximately 10 business days. We must prepare the application and wait for receipt. It normally takes 10 days for the receipt to be issued by CONATEL. Once the receipt is received, the product can be sold in Venezuela. Periodically during the year, depending on how many applications are received, CONATEL will publish a periodical or magazine listing all approved products. This publication is the "official" notice of approval, however the manufacturer does not have to wait for this publication to begin selling in Venezuela; as stated, product can be sold once the application receipt is issued.
5. If FCC reports are used to apply for approval, CONATEL will require FCC labeling on the product. If CE test reports are used to apply for approval, then CONATEL will require the CE Mark on the product.

INTERNATIONAL REGULATORY UPDATES

AUSTRALIA - ACMA OUTLOOK RELEASED

On March 31, 2010, the Australian Communications and Media Authority (ACMA) released its [Five-year Spectrum Outlook for 2010-2014 \(the Outlook\)](#). *The Outlook* contains the ACMA's assessment of spectrum demand for different frequency bands and radio communications services. This year, *the Outlook* focuses on demand for spectrum by fixed and mobile wireless access services (WAS) applications, including:

- the review of arrangements in the 2.5 GHz band with the dual view of moving the band to its highest value use, and providing long term certainty to electronic news gathering (ENG) operators;
- information on the release of the 3.6 GHz band for users of broadband WAS in regional areas;
- the intention to review parts of the 3.4 GHz band to ascertain if WAS applications can be introduced in regional and remote areas; and
- the review of point to multipoint fixed services in specified parts of the 3.4-3.59 GHz band to determine the most efficient use of the band.

The Outlook also details a number of other significant updates, including:

- addressing the digital dividend in light of the Department of Broadband Communications and the Digital Economy's Digital Dividend Green Paper;
- analysis of the proposed changes to arrangements for spectrum in the 400 MHz band;
- the ACMA's proposal to reassess the arrangements in the 380-400 MHz band as part of its ongoing monitoring of government spectrum use, and land mobile use in the 400 MHz band;
- detail of research on digital radio technologies and regional license areas, ahead of a government review to be conducted by 1 January 2011 under section 215A of the Broadcasting Services Act 1992; and
- the ACMA's proposed spectrum approach to the introduction of 'Smart Grids' in Australia.

ISRAEL- BAN ON IPAD ENDED

As of 4/25/2010, Israel has ended its ban on Apple's iPad tablet computer, imposed over concerns that its wireless signal could be disruptive. Israel's Communications Ministry says that after a technical review, officials have determined that the iPad meets local standards and decided to allow iPads into the country. The iPad is set to officially launch internationally in late May.

ALGERIA - SENSITIVE EQUIPMENT REGULATION

Recently, Algeria released "Journal Officiel De La Republique Algerienne No. 73" regulating the handling of "sensitive equipment". This regulation considers most radio telecommunication equipment and radio equipment using encryption to be classified as "sensitive equipment". As a result of this new regulation, amendments have been made to Algeria's Type Approval process. Important elements impacting the application process are as follows:

The manufacturer must provide the standard application as well as these additional documents:

- Original signed manufacturer's EU DoC printed on company letterhead paper with company stamp;
- Original signed Certificate of Origin on company letterhead paper with company stamp;
- Original Signature Declaration (verifying that the person who signed the EU DoC is the designated and authorized signatory) on company letterhead paper with company stamp.

Another significant change is a requirement for the local (Algerian) approval holder to supply a copy of their "register of trade" displaying the following business activity codes:

- 408408 - Telecommunications Equipment
- 607002 - Geo Location Equipment (for GPS equipped)

CHILE - MODIFICATION OF TOY SAFETY REGULATION

On April 20, 2010, a new requirement for Chile's DTO No. 114 Regulation on Safety of Toys came into effect. Imported toys entering Chile must be accompanied by a Certification of Country of Origin, stating that the content of certain chemical substances does not exceed the established limits. The Certificate must indicate that the content of antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium does not exceed the limits specified in Article 16 of Decree 114/2005.



CONTACT RHEIN TECH FOR YOUR INTERNATIONAL REGULATORY APPROVALS

Rhein Tech Laboratories' worldwide homologation services offer the best strategy for gaining product approval in a large number of target countries. In addition, we reduce the number of emissions, immunity, and product safety tests required by defining the minimum subset of regulatory standards at the onset, thus reducing the time and cost to enter multiple target countries. We offer research and approvals in over 50 countries.

ABOUT US

RTL has provided EMC compliance engineering & testing services since 1988 and has a superior reputation with both the Federal Communications Commission and others in the industry. RTL provides testing services to meet the emissions, immunity, and safety requirements of the European EMC Directive and the EU R&TTE Directive, all FCC rules and regulations, VCCI (Japan), ACMA (Australia), and other international standards.

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