ACB Certification and Regulatory Updates Archive (2012-2014)

For Immediate Release

ACB Gains Japan Recognition
Can Now Certify Licensed Radios
January 2, 2014

McLean, VA - Japan's Ministry of Information and Communication (MIC) has approved American Certification Body to certify Licensed Devices for the Japan market. Licensed devices include mobile phones, emergency services radios (public service), base stations and radar equipment. All wireless devices must conform to the Japan Radio Law before they are allowed to be used in Japan.

Under the arrangement developed between the National Institute for Standards and Technology (NIST) and MIC, ACB developed procedures and processes to review and certify licensed device. ACB has been certifying unlicensed products for over two years and now can certify an entirely new class of products.

"We are excited to gain this approval and thank NIST (nist.gov) for its efforts on our behalf. Their efforts are greatly appreciated" said Susan Holman, Quality Assurance Representative. "Our accreditation body, the American National Standards Institute (ansi.org), provided great support during this process, allowing us to complete the scope expansion efficiently and quickly."

The process for acceptance includes a Joint Committee decision, which is detailed under the 'Agreement on Mutual Recognition of Results of Conformity Assessment Procedures between the United States of America and Japan (US-Japan MRA).'

"The implementation of the Mutual Recognition Agreement allows us to help more manufacturers gain access to the Japan market," said Pieter Robben, ACB Reviewing Engineer in the Netherlands. The MRAs do more than help access to markets. "The establishment of MRAs provides great facilitation of technical exchange between participating markets," Mr. Robben added.

The full text of the acceptance and joint decision is here.

posted by ACB - Jan/3/2014

2013 Certification and Regulatory Approval News

NOTICE 2013-DRS0911

RE: LATEST PUBLICATION OF IEEE 1528-2013 AND POWER EXEMPTION LIMITS

posted by ACB - Sep/12/2013

FCC-13-112

REPORT AND ORDER

Adopted: August 9, 2013 Released: August 9, 2013

By the Commission: Acting Chairwoman Clyburn and Commissioners Rosenworcel and Pai issuing separate statements.

I. INTRODUCTION

1. By this action, the Commission modifies Part 15 of its rules for intentional radiators operating on an unlicensed basis in the 57-64 GHz frequency range (60 GHz). As discussed in detail below, we are modifying our rules to: 1) allow higher emission limits for 60 GHz devices that operate outdoors with very high gain antennas to encourage broader deployment of point-to-point broadband systems; 2) specify the emission limit for all 60 GHz devices as an EIRP power level to promote repeatability of measurement data and provide uniformity and consistency in the rules; and 3) eliminate the requirement for certain 60 GHz devices to transmit identification information (transmitter ID). The amended rules will allow longer communication distances for unlicensed 60 GHz point-to-point systems that operate outdoors and thereby extend the ability of such systems to provide broadband service, particularly to office buildings and other commercial facilities. We believe that the enhanced 60 GHz systems that will be allowed by these rule changes will help the Commission fulfill its objectives to bring broadband access to every American by providing additional competition in the broadband market, lowering costs for small business owners accessing broadband services, and supporting the deployment of 4th generation (4G) and other wireless services in densely populated areas.

Revision of Part 15 of the Commission's Rules Regarding Operation in the 57-64 GHz Band
Released Date: 08/09/2013
Description: Modified Part 15 of its rules for intentional radiators operating on an unlicensed basis in the 57-64 GHz frequency range
Documents:
Word : FCC-13-112A1.docx FCC-13-112A2.docx FCC-13-112A3.docx FCC-13-112A4.docx
Acrobat : FCC-13-112A1.pdf FCC-13-112A2.pdf FCC-13-112A3.pdf FCC-13-112A4.pdf
Text : FCC-13-112A1.txt FCC-13-112A2.txt FCC-13-112A3.txt FCC-13-112A4.txt

posted by ACB - Aug/15/2013

Industry Canada ICES-003 Issue 5 Transition Period reminder

Transition period ending August, 31, 2013 for ICES-003 - *Information Technology Equipment (ITE) - Limits and methods of measurement* - Issue 5, August 2012

A transition period ending August, 31, 2013, is provided, within which compliance with ICES-003, Issue 5, or ICES-003, Issue 4, will be accepted. After this date, only compliance with ICES-003, Issue 5, will be accepted for new models. Existing models in compliance with a previous issue of ICES-003 shall remain compliant under the requirements of that previous issue.

New models that comply with the technical requirements in ICES-003 issue 5 shall implement the labelling requirements in ICES-003 Issue 5. Existing models may continue with the labelling requirements in Issue 4.

The minimum requirements for labelling of models complying with the technical requirements in Issue 5 are detailed in section 8 of ICES-003 issue 5.

When complying with ICES-003 issue 5, the Industry Canada ICES-003 compliance label must be in accordance with the following as per section 8:

CAN ICES-3 (*)/NMB-3(*)
* Insert either "A" or "B" but not both to identify the applicable Class of ITE.

For example, if the ITE is determined to be class B then the minimum label requirement shall be displayed as follows: CAN ICES-3 (B)/NMB-3(B)

A test report shall be compiled providing a record of the tests and results demonstrating compliance with ICES-003 Issue 5 technical requirements. The test report shall indicate the date the tests were completed. The test report shall clearly identify the Class of Limits, A or B, that the ITE was tested for compliance with, and shall clearly state which reference publication from Section 3 that was used for methods of measurement. The test report contents shall be in accordance with the reference publication used from Section 3. The test report shall be retained by the manufacturer or importer for a minimum period of five years from the date the model of ITE is first offered for sale, distributed and/or leased in Canada, and shall be made available to Industry Canada upon request.

ICES-003 Issue 5 is available on the web at: http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf00020.html

For any additional enquiries you may address them by e-mail at the following address: res.nmr@ic.gc.ca

Industrie Canada Web: www.ic.gc.ca

posted by ACB - Jul/11/2013

2012

Industry Canada has released the following revised document:

Interference-Causing Equipment Standard ICES-003, Issue 5, Information Technology Equipment (ITE) – Limits and methods of measurement, sets out the technical requirements relative to radio noise generated by Information Technology Equipment (ITE).

Information and copies of this document may be obtained at: http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf00020.html

posted by ACB - Aug/28/2012

Recent RF Exposure in the News

There have been some recent instances of RF Exposure in the news that will likely bring new discussions over the next several years to FCC RF exposure procedures.

http://www.engadget.com/2012/08/08/us-gao-recommends-fcc-update-radiation-requirements/

http://www.gao.gov/products/GAO-12-771

posted by ACB - Aug/13/2012

Class 1 status for 2.4 GHz Wireless LAN:

The 2.4 GHz WLAN has previously required the Alert Symbol for Europe as a Class 2 device. The final country to restrict use in this band for wideband data devices up to 100 mW has been France, with a restriction which allowed indoor use only. From 1st July 2012, the restriction has been removed by France and therefore the 2.4 GHz WLAN devices are Class 1, with no Alert Symbol or other Class 2 requirements needed.

The observant ones amongst you will notice that Appendix 3 of ERC Recommendation 70-03 does still list a restriction in Italy. This will soon be corrected and does not affect the WLAN's Class 1 status.

Read more: COMMISSION DECISION of 26 October 2009
http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:289:0019:0020:EN:PDF

5 GHz Wireless LAN Bands missing:

Many of you will have noticed that the frequency bands 5150 MHz to 5350 MHz and 5470 MHz to 5725 MHz have been removed from ERC Recommendation 70-03. This could be worrying for any WLAN manufacturers trying to check the status of their band. It appears it no longer exists!

In fact, it is still permitted but it has simply been re-classified. REC 70-03 is a document for Short Range Devices and the bands have been re-classified as mobile except aeronautical mobile service. For this reason, the bands have been removed from the Short Range Device document.

Contact your regional ACB representative for more info.

posted and revised by ACB - Jul/9/2012

FCC Grantee Code Order

The FCC has adopted an Order to extend the grantee codes from three-character to five-characters. The following Press release and the Order have the discussion of rationale and the plan.

FCC RESPONDS TO EVER INCREASING APPLICATIONS FOR NEW WIRELESS DEVICES; ANNOUNCES AGENCY WILL CONSIDER WAYS TO ENHANCE EQUIPMENT AUTHORIZATION PROGRAM.
News Release. Adopted: 06/13/2012.
News Media Contact: Bruce Romano at (202) 418-2124,
email: Bruce.Romano@fcc.gov
OET Contact Hugh L. Van Tuyl at (202) 418-7506,
email: Hugh.VanTuyl@fcc.gov

http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-314614A1.pdf

posted by ACB - Jun/27/2012

Measurement procedures for DTS devices under 15.247

Note that new procedures are expected to be published in the near future.

For the latest version of the
KDB: https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?switch=P&id=21124

posted by ACB - Feb/3/2012 (Revised Aug/13/2012)

Release of New Issues of RSS-111, RSS-182 and RSS-288, as well as the Withdrawal of RSS-193

read more: http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf10203.html

posted by ACB - Feb/3/2012

Industry Canada - REGULATORY STANDARDS NOTICE - CHANGES TO RSS-Gen ISSUE 3 and RSS-310 ISSUE 3

read more: http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf10224.html

view PDF: NOTICE-2012-DRS0126_Receiver.pdf

posted by ACB - Feb/3/2012

M**easurement procedures for UNII devices under 15.407**

The FCC has also recently updated the UNII procedures as well for 15.407 See 789033 at https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=52935&switch=P This test procedure replaces and supersedes guidance contained in Public Notice DA 02-2138 of August 30, 2002. Applications for equipment authorization received on or after January 1, 2012 are required to use the procedures specified in 789033 D01 UNII General Test Procedures v01. Applications received prior to that date may employ either the 2002 guidance or 789033 D01 UNII General Test Procedures v01 in entirety.

posted by ACB - Feb/3/2012