

1/6/2009

Gmail - FW: Acceptability of Crystal C...

Below is the response from IC regarding ATCB006873 (IC: 7032A-PMBR) application.

Basically they are stating that the changes described in your cover letter constitute a Class II permissive change. Basically, I will need a new test report showing the levels that you reported in the cover letter. When that information is provided, I can proceed with listing of this modified equipment on the REL for Canada.

Please contact me if you have any questions.

Rich Fabina

Examining Engineer

American TCB

email: [rfabina@atcb.com](mailto:rfabina@atcb.com)

USA direct phone: 703-635-2881

USA Corporate: 703-847-4700

USA Corporate fax: 703-847-6888

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**From:** [certification.bureau@ic.gc.ca](mailto:certification.bureau@ic.gc.ca) [mailto:[certification.bureau@ic.gc.ca](mailto:certification.bureau@ic.gc.ca)]

**Sent:** Tuesday, October 21, 2008 2:37 PM

**To:** Rich Fabina

**Subject:** RE: Acceptability of Crystal Change as Class I Change

Hello Mr. Fabina,

To answer your questions, if the frequency of the oscillator is changed this is considered Class II permissive change (RSP-100, section 6.3) which requires a reassessment or re-certification of the previously certified equipment. The requirements for Class II permissive change are found section 5.4 of RSP-100, and a new test report and notification to Industry Canada is required.

Once the original equipment is reassessed, then the request of family certification to a previously certified model can be requested.

If you require additional info, please let us know.

Regards,

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**From:** Rich Fabina [mailto:[rfabina@atcb.com](mailto:rfabina@atcb.com)]  
**Sent:** Saturday, October 18, 2008 8:35 PM  
**To:** Certification - Homologation - DEB Lab  
**Subject:** Acceptability of Crystal Change as Class I Change

Gentlemen,

I am Reviewing Engineer for American TCB. Currently I am reviewing an application for Schrader Electronics Limited in Antrim, Northern Ireland (IC: 2546A-G43MAS - an existing family to a previously certified model).

The cover letter attached explains the minor changes being made to this tire pressure monitor transmitter. They are changing the frequency of the crystal oscillator from 9.840625 MHz to 9.837875 MHz in the design. The schematic diagrams, block diagrams and internal photos of the devices are identical to the original one. ATCB approved the original device so I have access to these files. The only differences are the size of the caps on the valve stems. My questions are as follows:

- 1) Is the change acceptable to IC without requiring a new application for Certification under a different IC number?
- 2) Is a test report required even though this appears to be a Class I change even though they are adding new model number as an existing family application?
- 3) If a test report is required, can I use the original test report even though it is older than 1 year?

Rich Fabina

Examining Engineer

American TCB

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1/6/2009

Gmail - Response to Inquiry to FCC (...)



Joseph Brunett <jdbrunett@gmail.com>

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## Response to Inquiry to FCC (Tracking Number 259468)

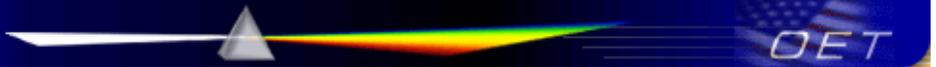
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oetech@fccsun27w.fcc.gov <oetech@fccsun27w.fcc.gov>  
To: kdb@emcadviser.com

Wed, Dec 31, 2008 at 10:05 AM



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### Office of Engineering and Technology

#### **Inquiry:**

Would the FCC permit a II change of a 15.231 intentional radiator due to a change of reference crystal frequency due to sourcing requirements? This change causes the fundamental transmitter frequency to be altered by no more than 100 kHz (remaining within the manufacturers original operating band of 315MHz +/- 100 kHz).

#### **Response:**

Yes, we can allow a Class II Permissive Change for this modification

Do not reply to this message. Please select the [Reply to an Inquiry Response](#) link from the OET Inquiry System to add any additional information pertaining to this inquiry.

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1/6/2009

Gmail - Response to Inquiry to FCC (...)



Joseph Brunett <jdbrunett@gmail.com>

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## Response to Inquiry to FCC (Tracking Number 280186)

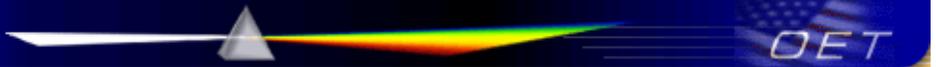
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oetech@fccsun27w.fcc.gov <oetech@fccsun27w.fcc.gov>  
To: jdbrunett@gmail.com

Mon, Nov 17, 2008 at 3:48 PM



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### Office of Engineering and Technology

#### Inquiry:

---Reply from Customer on 11/08/2008---

I have just been informed by my TCB that their PBA request for the same devices does not match with this response. They are asking that, per Inquiry 751504, I provide a detailed explanation of how the devices are potted, what the potting material is, how its removal destroys the pcb, and leave me with the impression that a PBA may be needed for every application. Please note that the chemical makeup of the potting material may in itself need to remain confidential as it is proprietary in this industry (not many materials can handle 30g's). Please correspond with the reviewer of KDB Inquiry 751504, relay that internal photographs provided without potting are not obtained by "removing" the potting material, but are "pre-potted" photos, and provide both inquiries with a single, consistent, request for more information if needed. Please indicate if additional PBA requests will be required for every like application. I apologize if the tone of this response seems harsh, I do not mean it to be. However, every delay caused by inconsistent responses requires that I call my clients, outline the problem, request additional information, and request their patience. The current climate in the auto industry makes the final request more challenging as of late. ;) JDB

#### Response:

You should not need a PBA request for every filing since you may reference this KDB in each subsequent filing for similar device.

Do not reply to this message. Please select the [Reply to an Inquiry Response](#) link from the OET Inquiry System to add any additional information pertaining to this inquiry.

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