Chris Harvey

From: eric.wong [eric.wong@tw.ccsemc.com]
Sent: Friday, November 03, 2006 6:43 PM
To: Chris Harvey; charvey-tcb@ccsemc.com
Cc: 'aven.zhou'; charvey-tcb@ccsemc.com; 'eric.wong'; 'max.yao'; 'Mike Kuo'
Subject: Re:RE: GREAT MOUNTAIN ELECTRIC TECHNOLOGY COMPANY LIMITED, FCC ID: T5KJFT401, Assessment NO.: AN06T6210, Notice#2
Attachments: SZ060817B01-RP_1104.pdf

Hello Chris,

Regarding to your quick info, we've just contacted our client and they agreed to use only one and the one just had finished the testes to the US market (only 72.210 MHz be granted under this FCC ID).

If they extend the uses of other crystal in the future they will apply another FCC ID separately.

Please find an updates upon this action on the report just attached. (Updates on made on pg 4 regarding to the operating freq. for your quick reference..)

Thank you!!
Should you have any question, please don't hesitate to ask us..

Eric Wong
Report & Certification Section
Compliance Certification Services (Shenzhen) Inc. (aka Compliance Engineering Services, Inc.)
TEL.: 86-755-28055000 Ext.102
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----Our mission: Helping customers speed to market in Conformance, Compliance & Certification!!----

"Chris Harvey"
<charveyemc@verizon.net>

2006/11/04 01:44 AM

收件人： "'eric.wong'" <eric.wong@tw.ccsemc.com>, <charvey-tcb@ccsemc.com>
副本抄送： "'aven.zhou'" <aven.zhou@cn.ccsemc.com>, "'max.yao'" <max.yao@tw.ccsemc.com>, "'Mike Kuo'" <mike.kuo@ccsemc.com>
主旨： RE: GREAT MOUNTAIN ELECTRIC TECHNOLOGY COMPANY LIMITED, FCC ID: T5KJFT401, Assessment NO.: AN06T6210, Notice#2

Eric, it sounds like you have intended to use different crystals in this device. The FCC has a recent policy statement that does not allow this under one FCC ID.

Publication Number: 587968 **Rule Parts:** **Publication Date:** 10/02/2006

First Category: Administrative Requirements
Second Category: Equipment Authorization Process Part 2 Subpart J
Third Category:

Question:
Section 2.924, Multiple Crystals devices: Can a device be approved under one FCC ID that uses Crystal A or Crystal B to operate at a fixed frequency, or would it violate the rule in Section 2.924 that requires the devices to be electrically identical?

Answer:
Devices using different internal hardware components, such as amplifiers and crystals, can result in different radio output power and/or frequency, and are therefore NOT considered electrically identical. Accordingly, the devices must be authorized under separate FCC IDs.

I will continue reviewing the responses and updated exhibits.

Best regards,

Chris Harvey

From: eric.wong [mailto:eric.wong@tw.ccsemc.com]
Sent: Friday, November 03, 2006 12:10 PM
To: charvey-tcb@ccsemc.com
Cc: eric.wong; aven.zhou; max.yao
Subject: Re:GREAT MOUNTAIN ELECTRIC TECHNOLOGY COMPANY LIMITED, FCC ID: T5KJFT401, Assessment NO.: AN06T6210, Notice#2

Hello Chris,

Please refer to the following replies below in **BLUE**, many thanks!!

Thank you!!
Should you have any question, please don't hesitate to ask us..

Eric Wong
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2006/11/02 08:03 PM

收件人： <eric.wong@tw.ccsemc.com>

副本抄送： <charvey-tcb@ccsemc.com>

主旨： GREAT MOUNTAIN ELECTRIC TECHNOLOGY COMPANY LIMITED, FCC ID: T5KJFT401, Assessment NO.: AN06T6210, Notice#2

Dear Eric Wong, I have received and reviewed your response to the first notice regarding the above referenced TCB application. The following issues still need to be addressed before the review can be completed:

1. You have indicated that there will be a warranty sticker covering the XTAL access door. This does not meet the FCC policy of preventing access to the users. Additionally the Users Manual still shows where the crystal is located and indicates that it is 'Use when changing for the crystal.' The FCC does not allow the users to have access or to change the crystals in Pt. 95 R/C devices. You must permanently cover the access to the crystal and not provide information to the users about the location and changing of the crystal. Additionally, the warning of 95.653 about changing components must be clearly stated in the manual.

(ERIC: Please find the revised manual attached, and please be noted that the applicant is now proposed to cover the XTAL access with a permanent cover preventing the unauthorized access to the crystal.)

2. The test report documents that this device was tested as a single frequency operating at 72.210 MHz. The frequency range of 72.010 - 72.850 MHz can not be listed on the grant since this is a single frequency device. This application can only be submitted to cover the 72.210 MHz operation. Please correct the Tune-up procedure and test report exhibits so they are consistent.

(ERIC: Sorry if I have any understanding, upon Rules 15.31(m) which states that how many no. of channel shall be investgated: if freq range of operation <1 MHz or less=1 Middle channel - so I suppose the range be shown on the grant shall be the whole range but only middle channel be required for reporting.)

3. The Users Warnings of FCC 95.653 require that certain information be provided to the users. Your first response did not address the actual issues but rather just copied the general text from the FCC Rule part. Please read the 3 required warnings and provide a revised Users Manual that addresses these issues for this device.

(ERIC: Please find the revised manual attached.)

4. In the revised test report you have provided measurements that are lower than the original report without any explanation as to why the measurements are lower (test dates are not changed). The original question #3 about the Tune-up procedure listing of 0.08W has not been addressed. The expectation is that 0.08W RF output power into the whip antenna would generate a much stronger RF field than this device has been shown to generate. Please explain how 0.08W RF Power output as stated in the tune-up procedure would generate a 1 mW or 1uW ERP (this appears to

be a typo in the Tune-up procedure power listing).
(ERIC: Several testes have been re-done and a number of typos in the documents are removed upon your comments, the tune-up procedure and test report have been revised and please kindly refer to the lastest one attached, thanks!!)

5. The Frequency Tolerance data in the revised test report has been changed from the original test report and now shows compliance with the limit; however there is no new test date. Please explain the new test data (has this been retested, crystal replaced, circuit revised, etc.?)
(ERIC: SAME AS Q&A4: Solely several re-testes taken without any h/W modification, please kindly refer to the latest one attached, thanks!!)

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

Best regards,

Chris Harvey
charvey-tcb@ccsemc.com