

Dennis Ward

From: Yoshinobu.Asai@jp.ul.com
Sent: Thursday, January 08, 2009 6:46 PM
To: Dennis Ward
Cc: customerservice; Naoki.Sakamoto@jp.ul.com; Ori.Miyazawa@jp.ul.com; Shinya.Watanabe@jp.ul.com; Mitsuru.Fujimura@jp.ul.com
Subject: Re: www.AmericanTCB.com ATCB007176 | AK8A1663610A | 409B - A1663610A | | AK8A1663610A_ATCB007176

Dear Dennis-san,

Thank you very much for your comments.

Here is our answers to your comments as follows.

If you have additional comments, please let us know as soon as possible.

Our client needs to get the FCC Grant and IC Certificate until January 13.

We are sorry for rushing you, but would you issue these Certificates until then?

Thank you very much for your cooperation!

1. Please note that your rf exposure document says that the power out of the device is below the 60/fGHz limit. Please note that this is not correct. The power, either conducted or radiated, at which SAR for portable devices must be performed is 24.5mW not 29mW (i.e. $60/\text{fghz} = 60/2.45[\text{approx center of band}] = 24.5\text{mW}$). If this device is capable of being plugged into a laptop or other device used closer than 20cm to the body, then SAR measurement is required as it places the device in the portable rf exposure category, not because of any power limit compliance. The manual appears to indicate that this is not a portable use device, but is a mobile ONLY use device. Please confirm?

->This device is not a potable use, but is a mobile use.

So we corrected the RF Exposure sheet to indicate "for mobile". Please confirm,

2. Please note that while Industry Canada lists mobile rf exposure in mW/m², FCC MPE requirements are listed as W/m². Please correct the MPE to show the proper units.

->We use mW/c m² both in Industry Canada and in FCC MPE requirement.

We couldn't find where we should revise.

Please check it again and let us know if there are any problems.

3. Please note that page 3 of the test report says that the maximum output of the device is 16dBm; however, the maximum power measured was only 14.6dBm as shown on page 18 of the test report data exhibit. This is a 1.5dB variation between the two stated values. As this is a conducted antenna terminal measurement, it is expected that a much closer measurement can be made to the maximum specified output of the device. Please explain why the maximum advertised power out was not used and please either retest or correct the appropriate documentation so the maximum measured value agree closer to the maximum stated value.

->We have deleted the value and corrected it. Please confirm.

We have already uploaded the revised documents through ATCB Web site. Please confirm them.

Thank you.

Best regards,

UL Japan, Inc.
Yoshinobu Asai

4383-326 Asama-cho Ise-shi Mie-ken 516-0021
Application Section, EMC Services Division
TEL: 0596-24-8116 / FAX: 0596-24-8095
E-mail: Yoshinobu.Asai@jp.ul.com
Home Page: www.uljapan.co.jp

Dennis Ward <dward@atcb.com>

2009/01/07 07:00

To <Yoshinobu.Asai@jp.ul.com>
cc <customerservice@atcb.com>
Subject www.AmericanTCB.com ATCB007176 | AK8A1663610A | 409B - A1663610A | |
AK8A1663610A_ATCB007176

Please respond to < dward@atcb.com >

Regarding www.AmericanTCB.com application:

ATCB ID: ATCB007176
FCC ID: AK8A1663610A
IC: 409B - A1663610A
TCF:
Account name: Yoshi

Please see comments

Thanks

Dennis Ward
Director of Engineering
American TCB
Certification Resource for the Wireless Industry
www.atcb.com

703-847-4700 fax 703-847-6888
direct 703-880-4841

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[attachment "1-6-09 AK8A1663610A_ATCB007176 comments.pdf" deleted by Yoshinobu Asai/ISE/ULI]

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