

Subject: FW: Additional Information on Your Question (Assessment No. : AN02T2029)

-----Original Message-----

From: Makoto Okada [mailto:okada-makoto@jqa.jp]
Sent: Saturday, May 18, 2002 2:17 AM
To: mkuo@ccsemc.com
Cc: swang@ccsemc.com
Subject: Additional Information on Your Question (Assessment No. : AN02T2029)

Date: May 18, 2002

Assessment No. : AN02T2029

FCC ID: LXC-NN0200

Applicant: Denso International America, Inc.

Attention: Mr. Mike Kuo
Vice President
Director of Certification Division
Compliance Certification Services

Reference: Your E-mail of 05/14/2002

Sending From: Makoto Okada
EMC Div.
Japan Quality Assurance Organization (JQA)
KITA-KANSAI Testing Center

Message:

Dear Mr. Kuo:

Thank you for your advice by your E-mail of 05/14/2002.

Per your request, we resent new exhibits through "Add Attachment"

(Upload Additional Files for Pending Application) of CCS TCB Electronic Filing System

on Saturday, May 18.

File Upload Result is all OK.

The uploaded files are as follows:

Attestation Statements for ESN requirement per 22.919 of FCC rules (1 file)

Attestation Statements for E911 requirement per 22.921 of FCC rules (1 file)

Confidential letter (1 file)

Users manual (1 file) "CONFIDENTIAL"

Test report (1 file)

Test setup photos (1 file)

Please confirm each file which does Uploaded.

For your requested information, our responses are as follows:

Question #1 and #2 We submitted Attestation Statements for ESN requirement per 22.919 of FCC rules and Attestation Statements for E911 requirement per 22.921 of FCC rules as the additional JPEG files through "Add Attachment".

Question #3 We submitted the corrected Test Report. The file name is "KL80020020R". Please refer to Page 74 (MPE evaluation for 800 MHz) and Page 92 (MPE evaluation for 1900 MHz) of the corrected Test Report. The Test Report was corrected, and replace the Test Setup Photos, please. The file name is "TestSetupPhotoR".

Question #4 We submitted the corrected User Manual.

Question #5 Please refer to page 66 - 70 (Modulation Characteristics) of the corrected Test Report.

Question #6 The EUT (Equipment Under Test) has no function of the modulation with voice and wideband data together. The measurement for Question #6 is not performed.

Question #7 Please refer to page 63 - 64 (Band-Edge Emission 800 MHz CDMA) of the corrected Test Report.

Question #8 Please refer to Page 86 - 88 (Band-Edge Emission 1900MHz CDMA) of the corrected Test Report.

Question #9 Man-Machine Interface Module Specification is described in the User Manual. Therefore, we listed "User's Manual" in the corrected Confidential Letter.

File named "800MHz" and "1900MHz" are as Antenna Specifications as listed in the Confidential Letter.

Question #10 We listed file named "RF Section. High Level Description" in the corrected Confidential Letter.

If these are not what you request, please let us know as soon as possible.

Your expedition of this application would be highly appreciated.

Sincerely yours,

(Ms) Makoto Okada
EMC Div.
Japan Quality Assurance Organization (JQA)

KITA-KANSAI Testing Center
FAX: +81-727-28-4400
E-mail: okada-makoto@jqa.jp

-----Original Message-----

From: CERTADM
Sent: Tuesday, May 14, 2002 6:24 PM
To: 'mkuo@ccsemc.com'
Subject: Denso International America, Inc.. FCC ID:LXC-NN0200,
Assessment no:AN02T2029

Notice_content

Question #1: Please provide Attestation Statements for ESN requirement per 22.919 of FCC rules. This statement should be signed by the applicant on applicant's company letter head.

Question #2: Please provide Attestation Statements for E911 requirement per 22.921 of FCC rules. This statement should be signed by the applicant on applicant's company letter head.

Question #3: MPE calculation : This question is to address both 800 and 1900 MHz. Per 1.1310 of FCC rules, the limits for 800MHz is $0.6\text{mW}/\text{cm}^2$, for 1900MHz is $1.0\text{mW}/\text{cm}^2$. The purpose for MPE calculation is to find out the separation distance based upon the Power Density limits. On page 68 and page 83 of test report, you are using 1 meter as the separation distance for actual usage. I do not agree such assumption. Since the antenna is glass printed antenna on the rear window, the separation distance between this antenna to the passenger sitting on the rear seat will be less than 1 meter. In addition, when a person is standing against the vehicle will not have separation distance of 1 meter. Please redo MPE evaluation by using the antenna conducted output with antenna gain to evaluate the separation distance. In order to be classified as Mobile Device (section 2.1093 of FCC rules), the separation distance has to be less than 20cm.

Question #4: User Manual does not contain RF Exposure warning statement. Please provide revised user manual to comply this requirement.

Question #5: Please provide modulation limiting for AMPS mode Per 2.1047(b) requirements. Please submit plots (or family of curves) over a range of audio modulating frequencies. Please use test frequencies as 300, 1000, 2500 and 3000 Hz (for typical Radio telephone use).

Question #6: Please provide spectrum plots per 22.915(b) requirement. Only Voice and Wideband Data are provided in the test report.

Question #7: Please provide bandedge measurement for Part 22/CDMA modulation.

Question #8: Please provide bandedge measurement for Part 24/CDMA modulation.

Question #9: In the request for confidentiality letter, you listed Man-Machine Interface Module specification. Please provide the file name or the document number for this request. Two files submitted under the file names of 1900 MHz and 800MHz, are these files considered as Antenna specifications as listed in the request letter.

Question #10: File named " RF Section. High Level Description " contains very technical and confidential information. This document is not mentioned in the request for confidentiality letter. Please confirm.

Best Regards

Mike Kuo / TCB Certifier

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 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.