E-J ELECTRONICS CO., LTD., FCC ID: NTMTX-701, Assess AN07T6571, Notice#1 Inbox

☆from "tim.dwyer@ccsemc.com" <tim.dwyer@ccsemc.com> hide details Mar 5 (2

to ssliou@etc.org.tw

cc tim.dwyer@ccsemc.com, mike.kuo@ccsemc.com, helen.zhao@ccsemc.com, iris@etc.org.tw

date Mar 5, 2007 7:04 PM

subject E-J ELECTRONICS CO., LTD., FCC ID: NTMTX-701, Assessment NO.: AN07 Notice#1

Dear S.S. Liou,

The review of this application is complete. The following items are needed to complete issue the grant.

- 1. The user manual states that the antenna can be either internal or external. The adetails about the antenna tested. The approval will be issued only for antennas include revise the test report or provide a separate antenna specification with details about the please refer to item 7 below)
- 2. The modular approval letter needs additional information. Conditions for modula required content for the modular approval request letter are shown below. Please pro approval letter to include information as applicable in items M1-M8 below.

MODULAR APPROVAL LETTER INFORMATION ITEMS

- M1. The modular transmitter must have its own RF shielding. This is intended to er does not have to rely upon the shielding provided by the device into which it is installe modular transmitter emissions to comply with Part 15 limits. It is also intended to preve the RF circuitry of the module and any wires or circuits in the device into which the mc coupling may result in non-compliant operation.
- M2. The modular transmitter must have its own power supply regulation. This is int the module will comply with Part 15 requirements regardless of the design of the power the device into which the module is installed. Any antenna used with the module must module, either at the time of initial authorization or through a Class II permissive chancalculation for licensed modules must account not just for compliance with MPE but al ERP/EIRP limits.
- M3. The modular transmitter must be tested in a stand-alone configuration, i.e., the inside another device during testing. This is intended to demonstrate that the module with Part 15 emission limits regardless of the device into which it is eventually installed transmitter module will be battery powered, it must comply with the AC line conducted Section 15.207. AC or DC power lines and data input/output lines connected to the m ferrites, unless they will be marketed with the module. The length of these lines shall the actual use or, if that length is unknown, at least 10 centimeters to insure that there is rease of the module and supporting equipment. Any accessories, peripherals, or supporting ending testing shall be unmodified or commercially available. M4. The licensed module must have a FCC ID label on the module itself. That FCC visible through a window on the final device he plead on the posterior of the final device.
- visible through a window on the final device or it must be visible when an access pane easily removed. If not, a second label must be placed on the outside of the final device following text: Contains "FCC ID: xxxyyyzzz" The Grantee may either provide such a I which must be included in the application for equipment authorization, or, must provide along with the module which explain this requirement. In the latter case, a copy of the included in the application for equipment authorization.
- M5. The modular transmitter must comply with any applicable RF exposure requirer FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.3 (f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perfervironmental evaluation for RF Exposure to demonstrate compliance. In addition, specification transmitters operating under Section 15.247 are required to address RF Exposure cor with Section 15.247(b)(4). Modular transmitters approved under other Sections of Parmay also need to address certain RF Exposure concerns, typically by providing specifications.

operating instructions for users, installers and other interested parties to ensure comp M6. The final device must be designed for mobile (> 20 cm separation) or fixed ope cm) is not permitted - Reference TCB Exclusion List (17 July 2002) II(g)].

M7. The maximum antenna gain to allow compliance with RF exposure requiremen of Certification for the module.

M8. The Grant should include the following words in the device description or grant transmitter" or "transmitter module"

General information about modular approvals is in FCC DA 00-1407. Since this applic device, references to Part 15 are not applicable and have been removed from the list 1407 can be accessed at the following link.

http://www.fcc.gov/Bureaus/Engineering Technology/Public Notices/2000/da001407.

Best regards,

Tim Dwyer CCS Technical Reviewer

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

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★ Reply ★ Reply to all → Forward Invite tim.dwyer@ccsemc.com to Gmail
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from "tim.dwyer@ccsemc.com" <tim.dwyer@ccsemc.com> hide details Mar 5 (2

to ssliou@etc.org.tw

cc tim.dwyer@ccsemc.com

date Mar 5, 2007 7:05 PM

subject E-J ELECTRONICS CO., LTD., FCC ID: NTMTX-701, Assessment NO.: AN07 Notice#1

- Show quoted text -

♦ Reply Reply to all Forward Invite tim.dwyer@ccsemc.com to Gmail

from **Tim Dwyer** < Timothy_Dwyer@ieee.org >

hide details Mar 5 (2

to mike.kuo@ccsemc.com, helen.zhao@ccsemc.com, iris@etc.org.tw

date Mar 5, 2007 7:05 PM

subject Fwd: E-J ELECTRONICS CO., LTD., FCC ID: NTMTX-701, Assessment NC AN07T6571, Notice#1

mailed-by gmail.com

- Show quoted text -

from \$\$ <ssliou@etc.org.tw>

hide details 6:12 am (4 hou

to tim.dwver@ccsemc.com

cc mike.kuo@ccsemc.com, helen.zhao@ccsemc.com,

iris@etc.org.tw

date Mar 7, 2007 6:12 AM

subject Re: E-J ELECTRONICS CO., LTD., FCC ID: NTMTX-701, Assessment NO.: AN07T6571, Notice#1

Dear Tim,

Reply your questions.

#1 The user manual was revised. The transmitter module only uses an integrated wire antenna. No permit for external connect. Please see attached file

#2 I have discussed with Mike about the modular approval of a part 74 device. Please refer to attached licensed transmitter modular approval policy.

Best regards,

S. S. Liou Engineer / EMC Dept. II Electronics Testing Center, Taiwan

---- Original Message -----

From: < tim.dwyer@ccsemc.com>

To: <ssliou@etc.org.tw>

Cc: <tim.dwyer@ccsemc.com>; <mike.kuo@ccsemc.com>; <helen.zhao@ccsemc.co

<iris@etc.org.tw>

Sent: Tuesday, March 06, 2007 8:04 AM

Subject: E-J ELECTRONICS CO., LTD., FCC ID: NTMTX-701, Assessment NO.:

AN07T6571, Notice#1

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2 attachments — Download all attachments

Licensed Module Policy 11-6-02.pdf
15K View as HTML Download

Exhibit-E-Manual_rev.pdf
4692K View as HTML Download