

EXHIBIT C – Cover letter from Agent

FCC ID# PURRFU7

NORTHWEST EMC, INC.

22975 NW Evergreen Parkway, Suite 400
Hillsboro, OR 97124

September 14, 2001

Dear Application Examiner:

On behalf of RadioFrame Networks™, Northwest EMC, Inc is submitting this application for the certification of the iDEN RadioBlade, FCC ID: PURRFU7. It operates from 851.0125 to 869.9875 MHz (center frequency to center frequency), with a peak output power of 3.5 uW to 13.8 mW. The radio supports the 800MHz iDEN air interface standard and performs the functions of a single micro base station transceiver. It utilizes quadrature modulation techniques.

The radio will only be used as a subassembly in RadioFrame Networks™ Radio Frequency Units. The Radio Frequency Units (RFUs) are professionally installed at fixed in-door locations. The minimum distance between each RFU is 10 feet. Up to 7 radios can be installed in each RFU.

The EUT can be configured with only one antenna. Data is supplied with this application in support of this antenna.

The technical report and exhibits demonstrate compliance with FCC rules 47 CFR 90.691.

The attached email from the FCC documents Northwest EMC's eligibility as a TCB to grant certification.

To facilitate the review process, an index of exhibits has been provided (see file "Index of exhibits.pdf").

Your efforts in reviewing this application are greatly appreciated.

Best regards,



Greg Kiemel, Director of Engineering
Northwest EMC, Inc.

X-Mailer: Novell GroupWise 5.5.2
Date: Wed, 19 Sep 2001 14:04:00 -0400
From: "Raymond Laforge" <RLAFORGE@fcc.gov>
To: <gkiemel@nwemc.com>
Subject: Re: TCB Eligibility
X-MIME-Autoconverted: from quoted-printable to 8bit by nwemc.nwemc.com id
f8JHkcB30667

For exposure purposes, all the transmitters (max number and output) and antennas operating off that box should be considered. It is unclear if all the transmitters will require licensing, if not, it would be incorrect to indicate exposure is determined at the time of licensing. therefore, procedure B may not apply. They may be able to do it under item (II) (a) of the Exclusion List (not on outdoor permanent structures and less than the MPE exclusion) but need to take the outputs of all transmitter cards into account to qualify for the MPE exclusion and incorporate appropriate grant conditions (not the one in procedures C) - indoor fixed-mounted to provide 20 cm or more from persons etc. If the total output exceeds MPE exclusion requirements, it should be submitted to the FCC because the concepts/procedures of 1.1307 (b)(3) need to be adapted for transmitters operating at different frequencies with different MPE limits to determine distance and compliance etc.

>>> Greg Kiemel <gkiemel@nwemc.com> 09/11/01 08:17PM >>>
A client is seeking FCC authorization under Part 90 for a radio transceiver card. The card operates at 851 MHz to 870 MHz with a maximum output power of 14 mW. The radio contains an on-board omni antenna. It utilizes the Motorola iDEN communication protocol. The card is designed to be professionally installed in a fixed-mounted enclosure. The enclosure contains a backplane that supports up to six additional radio cards for the addition of other communication protocols. The additional cards could support GSM, CDMA, TDMA, 3G, Wireless LAN, or Bluetooth (all at a similar output power of less than 50mW). Each card has its own on-board antenna. Only one iDEN radio card would be installed per enclosure. Each enclosure is designed to provide radio coverage for a 100ft. radius

It appears from the "TCB RF Exposure procedures" that Section B of the Review & Approval procedures would allow a TCB to grant certification for the radio described above. The grant condition would include the statement, "RF exposure compliance may need to be addressed at the time of licensing, as required by the responsible FCC Bureau(s), including antenna co-location requirements of §1.1307(b)(3)."

Please confirm TCB eligibility. Thank you for your attention to this matter.

Best regards,

Greg Kiemel
Northwest EMC, Inc.
ph. (503) 844-4066
email gkiemel@nwemc.com