

August 31, 1999

Federal Communication Commission
Equipment Approval Services
PO Box 358315
Pittsburgh, PA 15251-5315

Dear Sir:

SUBJECT: FCC Certification Application, FCC ID: EHACWAN-RIM902

Please review the following application for a change in identification. A 159 and payment in the amount of \$475.00 and an electronic application for the change has been submitted by Intermec Technologies Corporation.

Intermec Technologies Corporation will integrate the radio within tablet computers for field service automation for the utilities industry. Compliance to the RF exposure section of the FCC rules is addressed within this letter.

There are no changes to the radio assembly, only the change in FCC ID label. The data currently on file with the FCC is still representative of this products regulatory characteristics. Accompanying this letter are an application report with appendixes of photographs of the label placement, as well as label diagrams for your records.

Intermec will be using an antenna that is not listed on the original grant approved for Research In Motion Ltd. (RIM) and a shorter cable, approx 1 foot or 0.2 dB loss, between the antenna and radio. The antennas originally listed will continue to be used for remote antenna installations.

The additional antenna is a 7 inch (17.8 cm) long ½ wave end-fed whip dipole from Centurion part number (PN) CAF28766, Intermec PN 805-490-004. Unity Gain -2.5 dBd VSWR 1.5:1 50 Ohm. I am aware the RIM FCC approval is for cable lengths of 6 feet or 1 dB loss, however since we are specifying a new antenna that is -2.5 dB lower in gain will offset the power gain from the shorter cable.

Our application is for approval of the radio as a module not tied to a specific tablet computer. The tablet computers referenced in this application for approval will have the same exterior shell and antenna placements. The processing capability and options for memory, display and peripheral connection will change. If the radio is to be used in a tablet computer with substantially different antenna placement or case size, we will review the conditions for approval addressed herein and notify the FCC with a permissive change or request for new grant.

Within this application is radio module, antenna, RF cable, tablet computer exterior and radio placement photographs. A diagram of the label and placements are also included for review.

Please contact me at (319) 846-2415 or e-mail frydave@norand.com should you have any question regarding this change in FCC ID.

Sincerely,



Dave Fry,
Regulatory Engineer II
Intermec Technologies Corporation
Norand Mobile Systems Division
EMC Test Laboratory

Enc. Electronic 731 Application form
Report with photograph and label diagrams