



A **UNOVA** Company

August 24, 2000

**Intermec Technologies Corporation**  
550 Second Street S.E.  
Cedar Rapids, IA 52401

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

Dear Sir:

SUBJECT: FCC Certification Application, FCC ID: EHAWANRIM902-6100

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

Intermec Technologies Corporation will integrate the radio within another tablet computer for delivery services inventory automation. Compliance to the RF exposure section of the FCC rules is addressed within this application.

There are no changes to the radio assembly. 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 and a SAR report from APREL Laboratories for your records.

Intermec will be using two antennas that are not listed on the original grant approved for Research In Motion Ltd. (RIM). These were tested for SAR to address the RF exposure requirements of the FCC.

The long antenna is 7-inch (17.8-cm) long  $\frac{1}{2}$  wave end-fed whip dipole from Centurion part number (PN) CAF28766, Intermec PN 805-490-004. Gain -2.5 dBd, VSWR 1.5:1, 50 Ohms.

The short antenna is 3.5-inch (9-cm) long  $\frac{1}{4}$  wave end fed dipole from Mobile Mark model number PSTN2-899CI, Intermec PN 805-572-002. Gain -1.2 dBd, VSWR 2-2.5:1, 50 Ohms

The antennas originally listed by RIM will continue to be used for remote antenna installations.

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.

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