

Information about the Applicant

Applicant:	Intermec Corporation
Address:	6001 36 th Avenue West
City, State, Zip	Everett, WA 98203-9280
Test Requested By:	Carl Turk
Model:	700C
FCC ID:	HN22011B
Agent	Northwest EMC
Approval Type	Reference Application
Equipment Type	Reference Application
Rule Part	Reference Application

Overview

This application is for the Class II permissive change of Intermec's 802.11(b) radio, FCC ID: HN22011B. This RF module will only be used in the applicant's 700C hand held terminal as a mobile transmitter.

No changes have been made to the EUT or its antennas. This Class II permissive change is required because of a change to a RF exposure condition. The original certification permitted only the co-location of FCC ID: HN2ABTM3-2. Now, a Class II permissive change authorization is sought to permit the co-location of an additional radio; FCC ID: HN2SB555.

The EUT (FCC ID: HN22011B) can be configured with one of two different antennas; an external or an internal antenna. Under the new RF exposure condition, the EUT will be co-located with two other radios: FCC ID: HN2SB555 (CDMA radio), and FCC ID: HN2ABTM3-2 (Bluetooth radio). Any two of the three radios can transmit simultaneously. All three radios cannot transmit simultaneously. Each radio transmits through its own antenna. The CDMA radio only uses external antennas, so when the EUT is co-located with the CDMA radio, it only uses its internal antenna. The Northwest EMC technical report and associated spurious emissions data are supplied in support of the simultaneous transmission of the co-located radios. The RF exposure exhibit also addresses the exposure conditions of the co-located radios.

Recommendation

All items have been resolved and completed to my satisfaction; therefore I recommend this application for approval.



Dean Ghizzone, President

January 17, 2003

Date

General Comments

Item	N/A
Resolution	

Opinion

Specification Requirements	Description
2.1091, 15.247(b)(4)	RF Exposure

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted a RF Exposure exhibit demonstrating compliance. Under the new RF exposure condition, the EUT can be co-located with two other radios: FCC ID:HN2SB555 (CDMA radio), and FCC ID:HN2ABTM3-2 (Bluetooth radio). The new RF Exposure Exhibit allows co-location of specific radios described in the Grant of Equipment Authorization.

Reference: Exhibit C.

Specification Requirements	Description
15.247(c)	Spurious Emissions, Radiated Emissions

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted an FCC Grant of Equipment Authorization.

Reference: Exhibit A