

Information about the Applicant

Applicant:	Intermec Technologies Corporation
Address:	550 Second St. SE
City, State, Zip	Cedar Rapids, IA 52401-2023
Test Requested By:	Scott Holub
Model:	RFID - a Spread Spectrum radio module installed inside Intermec's Model IP3
FCC ID:	EHARFID915PCC-6
Agent	Northwest EMC, Inc.
Approval Type	Class II Permissive Change
Equipment Type	Spread Spectrum Radio
Rule Part	15.247

Overview

This application for the Class II Permissive Change of Intermec's RFID radio module, FCC ID: EHARFID915PCC-6. Approval is sought for use with another co-located radio. Please reference the attached email from the FCC that approves the TCB eligibility for processing this application. The RFID is a Spread Spectrum radio module installed inside Intermec's Model IP3. The IP3 is an optional pistol grip accessory that attaches externally to the bottom of Intermec's 700C. The 700C is a handheld computer that contains three co-located radio modules (CDMA (or GSM), 802.11(b) and Bluetooth). All radios have been previously certified for portable, co-located use in the 700C (FCC ID: HN22011B-2 (802.11b), HN2ABTM3-3 (Bluetooth), HN2SB555-2 (CDMA) or EHA700C-SMC45-1 (GSM)). Please note that the CDMA and GSM radios are never installed in the same 700C. Each radio transmits through its own antenna. This Class II application demonstrates compliance with FCC requirements while the RFID is collocated with a new CDMA module installed inside the 700C, FCC ID: EHAEM3420. In this configuration, the 700C cannot be used in any body-worn configurations (holsters, belt clips, lanyards, etc). Also, it cannot be used as a cell phone near the head. In this configuration the CDMA (or GSM) radio, is for wide area network (WAN) data transmission only. Since the IP3 uses the same IRDA interface port as the Bluetooth radio, the Bluetooth and RFID radios cannot transmit simultaneously. All other radios can transmit simultaneously. Each radio transmits through its own antenna. The technical reports and RF Exposure exhibits are supplied in support of the co-location condition described above.

The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 15.247.

Findings

Recommendation

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

Signature

Opinion

Specification Requirements	Description
FCC 15.247(c)	Spurious Emissions, Radiated Emissions, Simultaneous Transmit

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

Discussion: The Applicant has submitted test results in the form of a test report.

Reference: Technical Report

Specification Requirements	Description
1.1307/2.1091	RF Exposure

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

Discussion: The Applicant has submitted MPE estimates demonstrating compliance.

Reference: RF Exposure Exhibit