

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:	EM3420 with PW40 Bluetooth Enabled Printer
FCC ID:	EHAEM3420
Agent	Northwest EMC, Inc.
Approval Type	Class II Permissive Change
Equipment Type	CDMA radio module
Rule Part	22H and 24E

Overview

This application for the Class II Permissive Change of Intermec's CDMA radio module, Model EM3420, FCC ID: EHAEM3420. There have been no changes to the EM3420 radio module or antennas. Approval is sought for use with another co-located radio. The included email from the FCC approves the TCB eligibility for processing this type of application. The EM3420 is a CDMA radio module installed inside Intermec's handheld computer, Model 700C. The 700C contains previously certified co-located radio modules (FCC ID: HN22011B-2 (802.11b), HN2ABTM3-3 (Bluetooth) or EHABTS080 (Bluetooth); HN2SB555-2 (CDMA) or EHAEM3420 (CDMA) or EHA700C-SMC45-1 (GSM)). CDMA and GSM radio modules can't be installed in the same handheld computer. Only one CDMA module can be installed in the same handheld computer. Only one Bluetooth module can be installed in the same handheld computer. Each radio transmits through its own antenna. This Class II application demonstrates compliance with FCC requirements while the EM3420 is co-located with an Intermec Bluetooth-enabled printer, Model PW40 (FCC ID: EHABTS080-1). The PW40 printer includes a cradle for Intermec's handheld computer, Models 700C. 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 GSM (or CDMA) radio, is for wide area network (WAN) data transmission only. The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 22H and 24E.

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 22.917(a) and FCC 24.238(a)	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