

Information about the Applicant

Company Name	Intermec Technologies Corporation
Grantee	550 Second St. SE
Address	Cedar Rapids, IA 52401-2023
City, State, Zip	Scott Holub
Job Number	ITRM0026
Model	SMC45 in 700C
FCC ID	EHA700C-SMC45-1.
Agent	Northwest EMC, Inc.
Approval Type	Class II Permissive Change
Equipment Class	PCS
Rule Part	24E

Overview

This Class II application demonstrates compliance with FCC requirements while the SMC45 is co-located with a Bluetooth-enabled printer (FCC ID: EHABTS080-1). This new Bluetooth radio is internal to the printer (Intermec Model 6820). The 6820 printer includes a docking station for Intermec's handheld computers, Models 700C and 730. 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 and GSM radios are for wide area network (WAN) data transmission only.

Recommendation

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

Signature

Findings

Specification	Finding

Opinions

Specification Requirements	Description
24.238(a)	Per 2.1053, the field strength of spurious radiation was measured in the far-field at an FCC listed semi-anechoic chamber up to 25 GHz. The applicable limits are 24.238(a) for the PCS band. Per 24.238(a), on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log (P)$ dB. (-13 dBm).
15.247(c)	The field strength of any spurious emissions or modulation products that fall in a restricted band, as defined in 15.205, is measured. The peak level must comply with the limits specified in 15.35(b). The average level (taken with a 10Hz VBW) must comply with the limits specified in 15.209.
Simultaneous Transmission	Assuming that the radios do not share an antenna, only radiated tests for simultaneous transmission is required.

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
15.247(b)(5)	Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines. See § 1.1307(b)(1) of this chapter."

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

Discussion: The Applicant has submitted test results in the form of an MPE Exhibit.

Reference: RF Exposure Exhibit