

**Information about the Applicant**

|                         |                                            |
|-------------------------|--------------------------------------------|
| <b>Company Name</b>     | Intermec Technologies Corporation          |
| <b>Grantee</b>          | 550 Second St. SE                          |
| <b>Address</b>          | Cedar Rapids, IA 52401-2023                |
| <b>City, State, Zip</b> | Scott Holub                                |
| <b>Job Number</b>       | ITRM0026                                   |
| <b>Model</b>            | SB555 Radio in 700C                        |
| <b>FCC ID</b>           | HN2SB555-2                                 |
| <b>Agent</b>            | Northwest EMC, Inc.                        |
| <b>Approval Type</b>    | Class II Permissive Change                 |
| <b>Equipment Class</b>  | PCE – PCS Licensed Transmitter held to ear |
| <b>Rule Part</b>        | 24E and 22H                                |

**Overview**

This Class II application demonstrates compliance with FCC requirements while the SB555 (FCC ID: HN2SB555-2) 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                                                                                                                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>15.247(c)</b>                 | 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. |
| <b>22.917(e)</b>                 | the mean power of out of band emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency twice or more than twice the fundamental frequency by at least $43 + 10 \log (P)$ dB (-13 dBm).                                                                     |
| <b>24.238(a)</b>                 | 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).                                                                                                                  |
| <b>Simultaneous Transmission</b> | 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                                                                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>15.247(b)(5)</b>        | 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