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13 December 2010

Federal Communications Commission  
Authorization and Evaluation Division  
7435 Oakland Mills Road  
Columbia, Maryland 21046

**Subject: Original Application FCC ID: EHA-1000CP01X2**

Dear Application Examiner:

Intermec Technologies Corporation is submitting this application for certification of Models 1000CP01, 1000CP02, 1001CP01, under FCC ID: EHA-1000CP01X2. The devices are handheld computers containing the Intermec Model RC12 radio module. The RC12 module is an 802.11 a/b/g/n - Bluetooth radio. System authorization is sought under FCC 15.247 and FCC 15.407.

The models 1000CP01, 1000CP02, and 1001CP01 are electrically and mechanically identical except in the size of the keyboard and battery. Everything above the keyboard, including the radio module, antenna, main system board, LCD, is electrically and mechanically identical. Internal and external photos for all three models have been submitted with this application.

Please note that brand names instead of model numbers are used in the some of the exhibits. These brand names correspond to the model numbers as follows: CN70 = 1000CP01, CN70e = 1000CP02, CK71 = 1001CP01.

The handheld computers can be used closer than 20 cm to the user's head or torso so a SAR evaluation was performed on all three models.

The radio can operate in the DFS frequency bands as a client device only. It has no radar detection and no ad-hoc capability. A DFS test for a client device was performed.

The antenna is integral to the handheld computer. It is not user accessible so it meets the requirements of FCC 15.203.

The following is a summary of the reports submitted with this application:

| Type | Purpose                                                                                                                                                                                                                                                                                                                               | Reports                                                                                       |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| EMC  | Stand alone module testing of the RC12. Used to demonstrate compliance for antenna port direct connect measurements and AC powerline conducted emissions measurements. The spurious radiated emissions testing was done with a higher gain antenna of the same type as used for this application, so that data is applicable as well. | NWEMC Reports-<br>INMC0575,<br>INMC0575.1,<br>INMC0575.3                                      |
| EMC  | System level testing of 1000CP01, 1000CP02, and 1001CP01 for spurious radiated emissions. This was done for an additional assurance of compliance.                                                                                                                                                                                    | NWEMC Reports –<br>INMC0650,<br>INMC0650.1,<br>INMC0650.2                                     |
| DFS  | System testing for DFS of RC12 Module in Model 1000CP01. This is representative of all three handhelds since the radio, antenna, main system board, etc are electrically and mechanically identical.                                                                                                                                  | NWEMC Report –<br>INMC0648                                                                    |
| SAR  | System level SAR evaluation of 1000CP01, 1000CP02, and 1001CP01                                                                                                                                                                                                                                                                       | CellTech Reports-<br>112410EHA-T1062a-S15W,<br>112410EHA-T1062b-S15W,<br>112410EHA-T1062-S15W |

Your efforts in reviewing this application are greatly appreciated.

Sincerely,

Best regards,



**Wayne F. Rieger**  
**Radio Compliance Engineer**  
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