

NORTHWEST EMC, INC.

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Hillsboro, OR 97124

July 19, 2004

Dear Application Examiner:

On behalf of Intermec Corporation, Northwest EMC Inc is submitting this application for the certification of Intermec's 8520-00080 transmitter, FCC ID: EHABTS080. It is a Bluetooth radio module. Limited modular approval is sought for use in Intermec's handheld computer, Model 700C.

The 700C contains three co-located radio modules (CDMA, 802.11(b) and this new Bluetooth). The 802.11(b) radio has been previously certified for portable, co-located use in the 700C (FCC ID: HN22011B-2) The CDMA radio is currently seeking authorization (FCC ID: EHAEM3420).

The 700C can be used with several mobile accessories. It can be installed in a docking cradle in the Intermec Bluetooth-enabled Printer, Model 6820 (FCC ID: EHABTS080-1). When the 700C is installed in the 6820 printer, both the 8520-00080 and the printer's Bluetooth radio can transmit simultaneously.


The 700C can also be attached to the Intermec Model IP3, which contains a RFID radio in a handheld pistol grip. 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 EUT was tested in the 700C for radiated emissions and SAR. These tests were then repeated with the other co-located radios transmitting simultaneously.

The technical reports and exhibits demonstrate compliance with FCC rules 15.247 as well as the RF exposure requirements of 2.1093.

Your efforts in reviewing this application are greatly appreciated.

Best regards,



Greg Kiemel, Director of Engineering
Northwest EMC, Inc.