

Intermec
Technologies
Corporation

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Telecommunication Certification Body (and/or)
Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

Subject: Application for Grant FCC ID: EHA-BTM4

Dear Application Examiner:

Intermec Technologies Corporation, with the assistance of Northwest EMC Inc. is submitting this new application for certification of BTM4 Bluetooth radio, FCC ID: EHA-BTM4. This application requests approval of the BTM4 for "Limited Modular Approval" for portable RF exposure when used alone. We are also requesting approval of several collocated mobile RF exposure conditions described below.

Future use of the BTM4 will involve stand-alone portable applications. The BTM4 is provided to Intermec to operate at 10 mW. The FCC rules indicate the transmitter can be used without SAR testing per the $[60 / f (\text{GHz}) = \text{low threshold (mw)}]$ calculation $60 / 2.48 = 24.19 \text{ mW}$. We are requesting "Limited Modular Approval" for the BTM4 with the grant notes indicating non-collocated operation is allowed without SAR testing of the 10 mW BTM4 radio.

The BTM4 will have immediate collocation for mobile RF exposure with the following transmitters.

The BTM4 transmitter is placed within a new IP30, pistol grip RFID scanner. The IM4 radio is the RFID portion while the BTM4 radio provides wireless communication to the hand held computers. We are also processing a Class II Permissive Change collocation with IM4 RFID radio, FCC ID: EHAIM4.

The IP30 snaps on the bottom of several Intermec hand held computers. The IP30 hand grip has a docking cradle for Intermec's CK61, CN3 and CN3e handheld computers.

CK61 contains
FCC ID: EHA802UIAG
FCC ID: HN2-BTM311

CN3
FCC ID: EHA-01CN3

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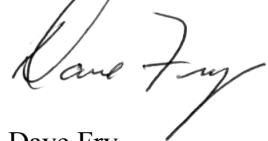
CN3e
FCC ID: EHA-06CN3

All of the radios used in the above handheld computers have been previously certified. No changes have been made to the hardware or software of the radios in these collocated configurations. Collocated MPE estimates for mobile exposure conditions have been submitted. The exhibits submitted demonstrate compliance with FCC rules.

Your efforts in reviewing this application are greatly appreciated.

Please contact me by telephone at (319) 846-2415 or by e-mail (Dave.Fry@Intermec.com) if there are questions or additional information needed concerning this request.

Sincerely,



Dave Fry
Sr. EMC Engineer