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07 January 2005

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To FCC

**Overall Letter in support of Class 2 Permissive Change to Grant for INTERMEC SMC46
Radio Module
FCC id: EHASMC46**

This application permits the co-location of the Tri-band GSM/GPRS Radio Module (FCC id: EHASMC46) within the Intermec 700C Host with the RFID Gun (FCC id EHARFID915PCC-6) .

1: Co-transmission.

The EHASMC46 is capable (and approved) for transmission at either 850 or 1900 MHZ.
The RFID is capable (and Approved) for transmission at 915 MHZ.

The client has stated that co-transmission between the 850 and RFID is inhibited and provided an exhibit describing the mechanism.

Test data related to co-transmission between the 1900 and RFID has been provided.

2: Operating Distance and MPE Calculation

The EHASMC46 within the Intermec 700C Host was originally approved as a portable application.
The RFID gun is approved for mobile use with a minimum separation distance of 20 cms from users/other persons.

The EHASMC46 compliance statement has been revised to stipulate that when co-located with the RFID gun then a minimum separation distance of 20 cms must be maintained.

Furthermore an MPE calculation has been made for the 850 and 1900 MHz transmitters, and the co-transmission case of the 1900 MHZ with the RFID transmitter.

3: Speaker and Microphone

The User manual (chapter 1 pages 3 and 4) show the location of the speaker to be on the rear of the 700C and the Microphone at the base.

The client verbally stated it was not intended to be used in the application with the RFID.
Inspection of the External Photos demonstrated that the Speaker is covered by the RFID housing and thus impractical for use.

I am satisfied that speech via the microphone and speaker is impractical in this application. Since the 20 cms distance can be maintained the use of a headset is of no concern.

Yours sincerely

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For BABT TCB

