**NORTHWEST EMC, INC.**
22975 NW Evergreen Parkway, Suite 400
Hillsboro, OR  97124

June 28, 2004

Dear Application Examiner:

On behalf of  Intermec Corporation, Northwest EMC  Inc is submitting this application for the Class II Permissive Change of Intermec's SMC45 radio module, FCC ID: EHA700C-SMC45-1.   There have been no changes to the SMC45 radio module or antennas.  Approval is sought for use with another co-located radio.  Please reference the attached email from the FCC that approves the TCB eligibility for processing this application.

The SMC45 is a GSM radio module installed inside Intermec's handheld computer, Model 700C.  The 700C contains previously certified co-located radio modules (FCC ID: HN22011B-2 (802.11b), HN2ABTM3-3 (Bluetooth),  HN2SB555-2 (CDMA) or EHA700C-SMC45-1 (GSM)).  CDMA and GSM radio modules can't be installed in the same handheld computer. FCC ID: EHABTS0080 (new Bluetooth in 700C) authorization is currently in process,  The 730 contains previously certified co-located radio modules (FCC ID: EHABTM210 (Bluetooth) and EHA-802CF13 (802.11b)).  Each radio transmits through its own antenna

This Class II application demonstrates compliance with FCC requirements while the SMC45 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.

The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 24E..

Your efforts in reviewing this application are greatly appreciated.

Best regards,

Greg Kiemel, Director of Engineering
Northwest EMC, Inc.

1) pistol is hand-held portable condition - C2pc can be used with portable grants to allow co-location for hand-held use.

2) TCB can do the C2pc's.

From: Greg Kiemel [mailto:gkiemel@nwemc.com] Sent: Tuesday, November 25, 2003 6:03 PM To: Tim Harrington
Cc: dghizzone@nwemc.com; kvalleen@nwemc.com Subject: Intermec 700C questions

Tim,

Thanks for speaking with me today.  The subject devices are:

FCC ID: HN2SB555-2     limited modular approval, portable,  CDMA radio used in 700C
FCC ID: HN22011B-2   limited modular approval, portable, 802.11b radio used in 700C
FCC ID: EHARFID915PCC-6  limited modular approval, handheld,  900 MHz FHSS used in Model IP3 pistol-grip RFID Tag reader.

The IP3 RFID tag reader attaches to the bottom of the 700C.  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 radio is for wide area network (WAN)
data transmission only.

Intermec would like to make Class II permissive changes to the subject grants for this new exposure condition.

1) Can we add a mobile exposure condition (the co location of the IP3) to the portable grants only (rather than to the mobile grants, or both mobile and
portable grants)?  Intermec would rather label all 700Cs with the portable FCC IDs.

2) If the answer to #1 is yes, can a TCB issue the Class II even though the TCB exclusion list prohibits a TCB from issuing the portable grants (dominate
xmitter requires SAR, non-dominate co-located xmitter > 5mW)?
Since the change is for a handheld exposure condition that does not require SAR data, I would think the answer is yes.  I would like your confirmation.

Thank you for your attention to this matter.

Best regards,

Greg Kiemel, Director of Engineering
Northwest EMC, Inc.
22975 NW Evergreen Pkwy., #400
Hillsboro, Oregon 97124

Main: 888-364-2378
Fax:  503-844-3826
www.nwemc.com

Direct: 503-943-3126
Email: gkiemel@nwemc.com