

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

August 22, 2003

Dear Application Examiner:

On behalf of Intermec Technologies Corporation, Northwest EMC Inc is submitting this application for the certification of Intermec's Model 802MIG2, mini PCI radio card, FCC ID: HN2CK30MIG2. It operates from 2412 – 2462 MHz (center frequency to center frequency), with a peak conducted output power of 54.1mW. The 802MIG2 is compliant with IEEE 802.11(b) and 802.11(g) specifications and will be used in the applicant's CK30 Hand-held Scanner. The CK30 Hand-held scanner can also be configured with a Bluetooth Radio, Model BTS069, FCC ID: LUBBTM-1 (70uW conducted). Both the 802MIG2 and the BTS069 can be installed individually, or together in the CK30.

The CK-30 Hand-held Scanner can function in stand-alone mode with a battery or by charging in the Intermec AD1 Docking Station. The docking station allows for USB, Serial, and LAN communications with a remote PC. The 802MIG2 was tested for radiated spurious emissions configured in a CK30 that was placed both in the docking station, and in a stand-alone mode.

The 802MIG2 utilizes only one antenna that is integral to the CK30. The BTS069 has a separate antenna. Both radios can transmit simultaneously. Radiated spurious emissions and SAR testing were performed on the 802MIG2 transmitting by itself, and then transmitting simultaneously with the BTS069.

The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 15.247 and FCC 97-114.

Your efforts in reviewing this application are greatly appreciated.

Best regards,

A handwritten signature in blue ink, appearing to read "G. Kiemel".

Greg Kiemel, Director of Engineering  
Northwest EMC, Inc.