

Information about the Applicant

Company Name	Intermec Technologies Corporation
Address	6001 36 th Avenue West
City, State, Zip	Everett, WA 982003-9280
Requested By	Cheryl White
Job Number	INMC0071
Date	August 27, 2003
Model	802MIG2
FCC ID	HN2CK30MIG2
Approval Type	Original Grant
Equipment Type	Part 15 Direct Sequence Spread Spectrum Transmitter
Rule Part	15C

Overview

This application is for an original grant for the Intermec Technologies Corporation radio card model 802MIG2, which will be used in the Model CK30 handheld scanner. The radio is compliant with 802.11(b/g) specifications. The radio may be configured and operated simultaneously with a Bluetooth radio FCC ID: LUBBTM-1.

Recommendation

The initial review found items to be resolved as listed below, all issues were satisfactorily resolved.



8/27/03

 David M. Tolman, Quality manager

 Date

Findings and Resolution

Item	The application lists the FCC ID as HN2802MIG2, but the SAR report is for FCC ID HN2802MIG2. Which is correct? Please provide the correct documentation
Resolution	The agent provided a cover letter to the SAR report, explaining that the FCC ID # HN2802MIG2 had changed since the SAR report was generated, but that the radio FCC ID HN2CK30MIG2 is identical to the radio listed in the SAR report.
Item	The user manual does not contain RF exposure hazard information nor SAR data.
Resolution	The manufacturer has provided additional user information.
Item	The accessories list in the user manual and those listed in the SAR report have different model numbers.
Resolution	The manufacturer has provided additional details showing the correlation between the part numbers and the model numbers.
Item	The FCC does not permit transmitters that allow users to select operating frequencies allowed in other countries but not in the U.S. We need attestation or evidence that this device does not allow the user to tune the transmitter below or above the allowed operating frequency band.
Resolution	Received an attestation from the manufacturer supporting the compliance with the frequency band of operation.

Opinion

Specification Requirements	Description
ET Docket 93-62, OET Bulletin 65 Supplement C	RF Exposure

Opinion: The Equipment is subject to SAR evaluation.

Discussion: Test data was provided for SAR evaluation.

Reference: SAR report Exhibits 1, 2,3,4

Specification Requirements	Description
15.247 (a)(2)	Occupied Bandwidth

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: Test data was provided to show compliance.

Reference: Report INMC0071.pdf

Specification Requirements	Description
15.247 (c)	Band Edge

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: Test data was provided to show compliance.

Reference: Report INMC0071.pdf

Specification Requirements	Description
15.247(b)(3)	Power Output < 1 Watt

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: Test data was provided to show compliance. The maximum output power is 0.0541 Watts.

Reference: Report INMC0071.pdf

Specification Requirements	Description
15.247(c)	Spurious Emissions, Antenna Conducted

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: Test data was provided to show compliance.

Reference: Report INMC0071.pdf

Specification Requirements	Description
15.205, 15,35(b), 15.209	Spurious Radiated Emissions

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: Test data was provided to show compliance.

Reference: Report INMC0071.pdf

Specification Requirements	Description
15.247(d)	Power Spectral Density

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: Test data was provided to show compliance.

Reference: Report INMC0071.pdf

Specification Requirements	Description
15.207(d)	AC Conducted Emissions

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: Test data was provided to show compliance.

Reference: Report INMC0071.pdf