

Information about the Applicant

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|-------------------------|-----------------------------------|
| Company Name | INTERMEC Technologies Corporation |
| Grantee | Cheryl White |
| Address | 6001 36th Avenue West |
| City, State, Zip | Everett, WA 98203 |
| Job Number | INMC0088 |
| Model | 802MIG2 |
| FCC ID | HN2WAMIG2 |
| Agent | Northwest EMC, Inc. |
| Approval Type | Original |
| Equipment Class | DTS Digital Transmission System |
| Rule Part | 15.247 |

Overview

This application is for a limited modular approval for the 802MIG2. This radio can be co-located with another identical radio, or with and 802.11(a) radio (FCC ID:HN2WN-5MP01) This module is designed to be used with the applicant's WA21 and WA22 access points as a mobile transmitter. The operating frequency range is from 2412 MHz to 2462 MHz, center frequency to center frequency.

Recommendation

All items have been resolved and completed to my satisfaction; therefore I recommend this application for approval.

Signature

11/17/2003

Dave Tolman, TCB Committee

Findings

| Opinions | |
|----------------------------|--|
| Specification Requirements | Description |
| 47 Cfr 2.1033(b)(3) | Installation guide, operating instructions,user manual |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | User Manual.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 2.1033(b)(4) | Operational description |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Operational Description.pdf, User Manual - Professional Antenna Installation.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 2.1033(b)(5) | Frequency block diagram |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Frequency Block Diagram.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 2.1033(b)(6) | Schematic diagram |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Schematic.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 2.1033(b)(7) | Internal and external photos |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Internal Photos.pdf, External Photos.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 2.1033(b)(6) | Conversions showing how the test results were achieved |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | inmc0088_Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| Required Exhibit | Test Setup Photo Exhibit |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Test Setup Photos.pdf |

| Specification Requirements | Description |
|-----------------------------------|--|
| 47 Cfr 1.1307(b),2.1091,2.1093 | RF Exposure Hazzard |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | RF Exposure.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.19 | Labeling |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | User Manual WA21 and WA22 Supplementl.pdf, FCC ID Label and Location.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.21 | Information for user |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | User Manual WA21 and WA22 Supplement.pdf |

| Specification Requirements | Description |
|----------------------------|---|
| 47 Cfr 15.33 | Frequency range of tests |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The test report indicates that the necessary frequency range for radiated emissions was tested. |
| Reference | INMC0088_Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.35 | Measurement detectors |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The measurements were made using the proper detectors. |
| Reference | INMC0088_Report.pdf |

| Specification Requirements | Description |
|----------------------------|---|
| ANSI C63.4 EUT Ports | All EUT ports populated,emissions maximized,Antenna height adjusted |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | inmc0088_Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.203 | Antenna Requirements |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | antenna info.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.205 | Restricted bands |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | inmc0088_Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.207 | Power line Conducted emissions |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | INMC0088_Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.209 | Spurious Emissions |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | INMC0088_Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.247(a) | Occupied Bandwidth |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | INMC0088_Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.247(b) | Output Power |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | INMC0088_Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 14.247(c) | Band Edge Compliance |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | INMC0088_Report.pdf |

| Specification Requirements | Description |
|-----------------------------------|--|
| 47 Cfr 14.247(c) | Spurious Conducted Emissions |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | INMC0088_Report.pdf |

| Specification Requirements | Description |
|-----------------------------------|--|
| 47 Cfr 14.247(c) | Spurious Radiated Emissions |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | INMC0088_Report.pdf |

| Specification Requirements | Description |
|-----------------------------------|--|
| 47 Cfr 14.247(d) | Power Spectral Density |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | inmc0088_Report.pdf |