

| Information about the Applicant | |
|---------------------------------|--|
| Company Name | Intermec Technologies Corporation |
| Grantee | Dave Fry |
| Address | 550 Second St. SE |
| City, State, Zip | Cedar Rapids, IA 52401-2023 |
| Job Number | ITRM0136 |
| Model | Intellitag RFID Radio |
| FCC ID | EHARFID915IM5 |
| Approval Type | Class II Permissive Change |
| Equipment Class | DSS Part 15, Spread Spectrum Transmitter |
| Rule Part | 15.247DSSS |

| Industry Canada Information | |
|-----------------------------|--|
| Model | |
| Industry Canada ID | |
| Rule Part | |

Overview

Intermec Technologies Corporation, 6001 36th Ave W, Everett WA, 98203 herein submits a Class II Permissive Change request for a Frequency Hopping Spread Spectrum Transceiver FCC ID: EHARFID915IM5. The addition of antennas to this transmitter requires reporting of new data per FCC rules. The data within shows the transmitter continues to comply with FCC rules. Included is RF exposure data to support the continued sales of this radio.

The FCC Knowledge Database, Publication Number: 963678, provides the following guidance: After original approval, new antenna types can be added as a Class II permissive change under Section 15.204 [c](1). However test data for the new antennas with the highest gain for each type of antenna, must be submitted even if the antennas have lower gain than those listed in the original application. The client has provided a list of antennas in the Test Report. They are all of the same type, of which the highest gain antenna was tested.

Recommendation

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

Signature



Dean Ghizzone, TCB Committee
9/27/2006

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)(6) | Test Report |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Report.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 | 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 | Photo.pdf |

| Specification Requirements | Description |
|---------------------------------------|---|
| 47 Cfr 1.1307(b),2.1091,2.1093 | RF Exposure Hazard |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. The RF exposure exhibit in the original filing is still worst case. The antenna gain represented there is still higher than any of the new antennas applied for. The applicant has provided additional information supporting the new antenna continuing compliance. |
| Reference | Exhibit in Original Filing and Ant List MPE |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.33 | Frequency range of tests |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.35 | Measurement detectors |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.203 | Antenna Requirements |
| Opinion | The device meets the requirements of the rule. |
| Discussion | Further, this requirement does not apply to intentional radiators that must be professionally installed. Each of the antennas also provides unique connectors. |
| Reference | CFR, Ant List.pdf and Grant specifies this |

| 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 | Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 cfr 15.247 | Operation within specified bands |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| 47 Cfr 15.247(d) | Spurious Radiated Emissions |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Report.pdf |

| Specification Requirements | Description |
|----------------------------|--|
| RSS210 RSS310 | Spurious Emissions Requirements |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Report.pdf |