

**Information about the Applicant**

<b>Company Name</b>	Intermec Corp.
<b>Address</b>	6001 36 <sup>th</sup> Avenue West
<b>City, State, Zip</b>	Everett, WA 98203-9280
<b>Requested By</b>	Carl Turk
<b>Job Number</b>	INMC0024
<b>Model</b>	WN-5MP01
<b>FCC ID</b>	HN2WN-5MP01
<b>Agent</b>	Applicant
<b>Approval Type</b>	Reference Northwest EMC Technical Report – General Information
<b>Equipment Type</b>	Reference Northwest EMC Technical Report – General Information
<b>Rule Part</b>	Reference Northwest EMC Technical Report – General Information

**Overview**

This 802.11a, UNII Radio will be used only in two Intermec Access Points. The approval covers use in both the Model WA 21 and Model WA 22 Access Points. Only those antennas listed below may be used with this device. The device must be installed to meet the requirements specified in the user manual supplement. This device meets the requirements for use with integral antennas for indoor use 5.15 – 5.25 GHz and for use with detachable antennas 5.25 to 5.35 GHz for outdoor applications.

Part Number: 072759	Omni	6 dBi Gain
Part Number: 072760	Omni	9 dBi Gain
Part Number: 072761	Omni	3 dBi Gain
Part Number: 072762	Corner Reflector	14 dBi Gain
Part Number: 072664	Omni	5 dBi Gain
Part Number: 072730	Omni	5 dBi Gain

**General Comments**

<b>Item</b>	15.407 ( c ) requires that the device discontinue transmission in the case of either absence of information to transmit or operational failure. This information was not addressed in the available EUT documentation.
<b>Resolution</b>	The manufacturer supplied additional information to include in the user manual and in the operational description.
<b>Item</b>	
<b>Resolution</b>	
<b>Item</b>	
<b>Resolution</b>	

**Opinion**

Specification Requirements	Description
15.407( a)(1)	Occupied Bandwidth

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

**Discussion:** The Applicant has submitted test results in the form of a test report

**Reference:** Exhibit M

Specification Requirements	Description
15.407(a) (1)-(2)	Peak Output Power

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

**Discussion:** The applicant has submitted test data in the form of a test report

**Reference:** Exhibit N

Specification Requirements	Description
15.407(a)(1)-(2),(5)	Power Spectral Density

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

**Discussion:** The Applicant has submitted test results in the form of a test report

**Reference:** Exhibit O

Specification Requirements	Description
15.407(a)(6)	Modulation Envelope

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

**Discussion:** The Applicant has submitted test results in the form of a test report

**Reference:** Exhibit P

Specification Requirements	Description
15.407(b)(5)	Radiated Spurious Emissions

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

**Discussion:** The Applicant has submitted test results in the form of a test report

**Reference:** Exhibit Q

Specification Requirements	Description
15.407(b)(5)	Conducted AC Powerline Emissions

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

**Discussion:** The Applicant has submitted test results in the form of a test report

**Reference:** Exhibit L

Specification Requirements	Description
15.407(f)	RF Exposure

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

**Discussion:** The Applicant has submitted MPE estimates demonstrating compliance.

**Reference:** Exhibit R

Specification Requirements	Description
15.407(C)	Auto Discontinue Transmission

**Opinion:** The Equipment meets the intent specified by the requirement listed above

**Discussion:** The User Manual includes information showing compliance with this requirement and the operational description contains more detail about how this is accomplished.

**Reference:** Exhibit J, Exhibit I

Specification Requirements	Description
15.407(d)	Integral Antenna 5.15-5.25 GHz

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

**Discussion:** The User Manual restricts the device to use of integral antennas for the 5.15 – 5.25 band of operation.

**Reference:** Exhibit J

Specification Requirements	Description
15.407(e)	Indoor Use Restriction for 5.15-5.25 GHz

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

**Discussion:** The User Manual restricts the device to indoor use for the 5.15 – 5.25 band of operation.

**Reference:** Exhibit J

Specification Requirements	Description
15.407(g)	Frequency Stability

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

**Discussion:** The manufacturer has provided frequency stability test data.

**Reference:** Exhibit S