

## **Exhibit Q: Spurious Radiated Emissions-RE Scans P2**

**FCC ID: HN2WN-5MP01**

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|---------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                     |                    | REV<br>df2.05<br>07/31/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              |                 |            |                           |                          |                                             |                          |                     |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000          |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Low channel, corner mount antenna, tested in WA21                                                                                                        |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m)   |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                   |                    | 77                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested By: _____                                                                                                                                         |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m     | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 17619.040                                                                                                                                                | 30.9             | 34.7                          | 0.0          | 44.3            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 46.6                | 83.5               | -36.9                       |  |
| 17646.000                                                                                                                                                | 30.5             | 34.7                          | 0.0          | 44.4            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 46.2                | 83.5               | -37.3                       |  |
| 17948.610                                                                                                                                                | 30.2             | 34.9                          | 0.0          | 44.7            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 46.2                | 83.5               | -37.3                       |  |
| 17948.610                                                                                                                                                | 30.0             | 34.9                          | 0.0          | 44.7            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 46.0                | 83.5               | -37.5                       |  |
| 13663.630                                                                                                                                                | 32.9             | 34.7                          | 0.0          | 41.0            | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 44.1                | 83.5               | -39.4                       |  |
| 13495.600                                                                                                                                                | 32.8             | 34.7                          | 0.0          | 40.7            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 43.7                | 83.5               | -39.8                       |  |
| 16783.130                                                                                                                                                | 31.0             | 34.3                          | 0.0          | 40.2            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 42.7                | 83.5               | -40.8                       |  |
| 16684.260                                                                                                                                                | 31.1             | 34.2                          | 0.0          | 40.0            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 42.7                | 83.5               | -40.8                       |  |
| 14443.550                                                                                                                                                | 31.1             | 34.4                          | 0.0          | 40.6            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.5                | 83.5               | -41.0                       |  |
| 15113.890                                                                                                                                                | 31.9             | 34.2                          | 0.0          | 39.2            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.3                | 83.5               | -41.2                       |  |
| 13086.830                                                                                                                                                | 32.3             | 34.9                          | 0.0          | 40.0            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 42.2                | 83.5               | -41.3                       |  |
| 16663.280                                                                                                                                                | 30.5             | 34.2                          | 0.0          | 40.0            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 42.0                | 83.5               | -41.5                       |  |
| 15152.850                                                                                                                                                | 31.7             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 42.0                | 83.5               | -41.5                       |  |
| 14749.510                                                                                                                                                | 30.6             | 34.3                          | 0.0          | 40.1            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 41.6                | 83.5               | -41.9                       |  |
| 14739.480                                                                                                                                                | 30.4             | 34.3                          | 0.0          | 40.1            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 41.4                | 83.5               | -42.1                       |  |
| 10719.740                                                                                                                                                | 34.2             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 41.4                | 83.5               | -42.1                       |  |
| 16186.840                                                                                                                                                | 30.9             | 34.0                          | 0.0          | 38.4            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 40.9                | 83.5               | -42.6                       |  |
| 10589.340                                                                                                                                                | 33.7             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 40.9                | 83.5               | -42.6                       |  |
| 10654.540                                                                                                                                                | 33.4             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 40.6                | 83.5               | -42.9                       |  |
| 10418.800                                                                                                                                                | 33.3             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 40.5                | 83.5               | -43.0                       |  |
| 15416.590                                                                                                                                                | 30.8             | 34.1                          | 0.0          | 38.2            | 5.4        | 0.0                       | H                        |                                             | 0.0                      | 40.3                | 83.5               | -43.2                       |  |

|                                                                                                                                                          |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|---------------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------------------|--------------------|------------------------|--|--|-------|--|--|--|--|
| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |                     |                           |                          |                                             |                          | REV<br>df2.05<br>07/31/2002 |                    |                        |  |  |       |  |  |  |  |
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |                     |                           |                          |                                             |                          | Work Order: INMC0024        |                    |                        |  |  |       |  |  |  |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |                     |                           |                          |                                             |                          | Date: 8/14/02               |                    |                        |  |  |       |  |  |  |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |                     |                           |                          |                                             |                          | Temperature: 72             |                    |                        |  |  |       |  |  |  |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |                     |                           |                          |                                             |                          | Humidity: 38%               |                    |                        |  |  |       |  |  |  |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |                     |                           |                          |                                             |                          | Barometric Pressure: 30     |                    |                        |  |  |       |  |  |  |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  |             |              |                 | Power: 120 V, 60 Hz |                           |                          |                                             |                          | Job Site: EV01              |                    |                        |  |  |       |  |  |  |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |                     |                           |                          |                                             |                          | Year: Current 47CFR         |                    |                        |  |  |       |  |  |  |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |                     |                           |                          |                                             |                          | Year: 2000                  |                    |                        |  |  |       |  |  |  |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| Mid channel, corner mount antenna, tested in WA21                                                                                                        |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| Transmitting radio b                                                                                                                                     |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |                     |                           |                          |                                             |                          | Test Distance (m)           |                    |                        |  |  | Run # |  |  |  |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |                     |                           |                          |                                             |                          | 1                           |                    |                        |  |  | 78    |  |  |  |  |
| Other                                                                                                                                                    |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| Tested By: _____                                                                                                                                         |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
|                                                                                                                                                          |                  |             |              |                 |                     |                           |                          |                                             |                          |                             |                    |                        |  |  |       |  |  |  |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB)          | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m             | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |  |       |  |  |  |  |
| 17505.190                                                                                                                                                | 30.7             | 34.7        | 0.0          | 44.2            | 6.0                 | 0.0                       | H                        |                                             | 0.0                      | 46.3                        | 83.5               | -37.2                  |  |  |       |  |  |  |  |
| 17882.690                                                                                                                                                | 30.3             | 34.8        | 0.0          | 44.7            | 6.1                 | 0.0                       | H                        |                                             | 0.0                      | 46.2                        | 83.5               | -37.3                  |  |  |       |  |  |  |  |
| 17918.650                                                                                                                                                | 30.1             | 34.9        | 0.0          | 44.7            | 6.1                 | 0.0                       | V                        |                                             | 0.0                      | 46.0                        | 83.5               | -37.5                  |  |  |       |  |  |  |  |
| 17595.070                                                                                                                                                | 30.2             | 34.7        | 0.0          | 44.3            | 6.0                 | 0.0                       | V                        |                                             | 0.0                      | 45.8                        | 83.5               | -37.7                  |  |  |       |  |  |  |  |
| 17220.560                                                                                                                                                | 30.8             | 34.5        | 0.0          | 42.1            | 5.9                 | 0.0                       | V                        |                                             | 0.0                      | 44.4                        | 83.5               | -39.1                  |  |  |       |  |  |  |  |
| 13826.630                                                                                                                                                | 32.5             | 34.6        | 0.0          | 41.2            | 5.0                 | 0.0                       | V                        |                                             | 0.0                      | 44.1                        | 83.5               | -39.4                  |  |  |       |  |  |  |  |
| 13588.390                                                                                                                                                | 32.8             | 34.7        | 0.0          | 40.8            | 4.9                 | 0.0                       | H                        |                                             | 0.0                      | 43.9                        | 83.5               | -39.6                  |  |  |       |  |  |  |  |
| 14283.050                                                                                                                                                | 32.0             | 34.4        | 0.0          | 40.9            | 5.1                 | 0.0                       | H                        |                                             | 0.0                      | 43.6                        | 83.5               | -39.9                  |  |  |       |  |  |  |  |
| 13392.780                                                                                                                                                | 32.6             | 34.8        | 0.0          | 40.5            | 4.9                 | 0.0                       | V                        |                                             | 0.0                      | 43.2                        | 83.5               | -40.3                  |  |  |       |  |  |  |  |
| 13340.120                                                                                                                                                | 32.4             | 34.8        | 0.0          | 40.4            | 4.9                 | 0.0                       | H                        |                                             | 0.0                      | 42.9                        | 83.5               | -40.6                  |  |  |       |  |  |  |  |
| 14182.740                                                                                                                                                | 31.0             | 34.4        | 0.0          | 41.1            | 5.1                 | 0.0                       | V                        |                                             | 0.0                      | 42.7                        | 83.5               | -40.8                  |  |  |       |  |  |  |  |
| 13184.630                                                                                                                                                | 32.3             | 34.9        | 0.0          | 40.1            | 4.8                 | 0.0                       | V                        |                                             | 0.0                      | 42.4                        | 83.5               | -41.1                  |  |  |       |  |  |  |  |
| 15107.890                                                                                                                                                | 32.0             | 34.2        | 0.0          | 39.2            | 5.3                 | 0.0                       | H                        |                                             | 0.0                      | 42.4                        | 83.5               | -41.1                  |  |  |       |  |  |  |  |
| 14431.020                                                                                                                                                | 31.0             | 34.4        | 0.0          | 40.6            | 5.1                 | 0.0                       | V                        |                                             | 0.0                      | 42.4                        | 83.5               | -41.1                  |  |  |       |  |  |  |  |
| 16648.300                                                                                                                                                | 30.6             | 34.2        | 0.0          | 39.9            | 5.8                 | 0.0                       | H                        |                                             | 0.0                      | 42.1                        | 83.5               | -41.4                  |  |  |       |  |  |  |  |
| 15140.860                                                                                                                                                | 31.8             | 34.2        | 0.0          | 39.1            | 5.3                 | 0.0                       | V                        |                                             | 0.0                      | 42.1                        | 83.5               | -41.4                  |  |  |       |  |  |  |  |
| 16579.390                                                                                                                                                | 30.6             | 34.2        | 0.0          | 39.8            | 5.8                 | 0.0                       | V                        |                                             | 0.0                      | 42.0                        | 83.5               | -41.5                  |  |  |       |  |  |  |  |
| 14736.970                                                                                                                                                | 30.6             | 34.3        | 0.0          | 40.1            | 5.2                 | 0.0                       | V                        |                                             | 0.0                      | 41.6                        | 83.5               | -41.9                  |  |  |       |  |  |  |  |
| 14739.480                                                                                                                                                | 30.2             | 34.3        | 0.0          | 40.1            | 5.2                 | 0.0                       | H                        |                                             | 0.0                      | 41.2                        | 83.5               | -42.3                  |  |  |       |  |  |  |  |
| 16225.800                                                                                                                                                | 31.0             | 34.0        | 0.0          | 38.5            | 5.7                 | 0.0                       | H                        |                                             | 0.0                      | 41.2                        | 83.5               | -42.3                  |  |  |       |  |  |  |  |
| 15000.000                                                                                                                                                | 30.5             | 34.2        | 0.0          | 39.6            | 5.3                 | 0.0                       | V                        |                                             | 0.0                      | 41.2                        | 83.5               | -42.3                  |  |  |       |  |  |  |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df2.05<br>07/31/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              |                 |            |                           |                          |                                             |                          |                   |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| High channel, corner mount antenna, tested in WA21                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                 |                    | 79                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested By: _____                                                                                                                                         |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 17577.090                                                                                                                                                | 31.0             | 34.7                          | 0.0          | 44.3            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 46.6              | 83.5               | -36.9                       |  |
| 17927.630                                                                                                                                                | 30.3             | 34.9                          | 0.0          | 44.7            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 46.2              | 83.5               | -37.3                       |  |
| 17930.630                                                                                                                                                | 30.2             | 34.9                          | 0.0          | 44.7            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 46.1              | 83.5               | -37.4                       |  |
| 17532.150                                                                                                                                                | 30.3             | 34.7                          | 0.0          | 44.2            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 45.9              | 83.5               | -37.6                       |  |
| 13708.770                                                                                                                                                | 32.5             | 34.6                          | 0.0          | 41.0            | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 43.8              | 83.5               | -39.7                       |  |
| 13658.610                                                                                                                                                | 32.6             | 34.7                          | 0.0          | 41.0            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 43.8              | 83.5               | -39.7                       |  |
| 13929.450                                                                                                                                                | 31.9             | 34.5                          | 0.0          | 41.4            | 5.0        | 0.0                       | V                        |                                             | 0.0                      | 43.7              | 83.5               | -39.8                       |  |
| 13972.090                                                                                                                                                | 31.8             | 34.5                          | 0.0          | 41.5            | 5.0        | 0.0                       | H                        |                                             | 0.0                      | 43.7              | 83.5               | -39.8                       |  |
| 14122.550                                                                                                                                                | 31.1             | 34.5                          | 0.0          | 41.3            | 5.0        | 0.0                       | V                        |                                             | 0.0                      | 42.9              | 83.5               | -40.6                       |  |
| 13039.180                                                                                                                                                | 32.7             | 34.9                          | 0.0          | 39.9            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.4              | 83.5               | -41.1                       |  |
| 15149.850                                                                                                                                                | 32.1             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.4              | 83.5               | -41.1                       |  |
| 15155.850                                                                                                                                                | 32.0             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 42.3              | 83.5               | -41.2                       |  |
| 12903.760                                                                                                                                                | 32.8             | 35.0                          | 0.0          | 39.6            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 42.2              | 83.5               | -41.3                       |  |
| 14395.910                                                                                                                                                | 30.7             | 34.4                          | 0.0          | 40.7            | 5.1        | 0.0                       | V                        |                                             | 0.0                      | 42.1              | 83.5               | -41.4                       |  |
| 16738.190                                                                                                                                                | 30.4             | 34.3                          | 0.0          | 40.1            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 42.0              | 83.5               | -41.5                       |  |
| 16318.710                                                                                                                                                | 31.2             | 34.1                          | 0.0          | 38.9            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 41.8              | 83.5               | -41.7                       |  |
| 14736.970                                                                                                                                                | 30.3             | 34.3                          | 0.0          | 40.1            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 41.3              | 83.5               | -42.2                       |  |
| 11126.010                                                                                                                                                | 33.4             | 35.3                          | 0.0          | 38.5            | 4.3        | 0.0                       | V                        |                                             | 0.0                      | 40.8              | 83.5               | -42.7                       |  |
| 10551.720                                                                                                                                                | 33.6             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 40.8              | 83.5               | -42.7                       |  |
| 11284.000                                                                                                                                                | 33.0             | 35.3                          | 0.0          | 38.8            | 4.3        | 0.0                       | H                        |                                             | 0.0                      | 40.8              | 83.5               | -42.7                       |  |
| 16138.890                                                                                                                                                | 30.9             | 34.0                          | 0.0          | 38.2            | 5.6        | 0.0                       | H                        |                                             | 0.0                      | 40.8              | 83.5               | -42.7                       |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df2.05<br>07/31/2002 |  |       |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              |                 |            |                           |                          |                                             |                          |                 |                    | Job Site: EV01              |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| High channel, corner mount antenna, tested in WA21                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 1                           |  | 80    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By: _____                                                                                                                                         |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 26484.330                                                                                                                                                | 35.3             | 35.1                          | 0.0          | 40.5            | 7.8        | 0.0                       | V                        |                                             | 0.0                      | 48.5            | 83.5               | -35.0                       |  |       |  |
| 26479.040                                                                                                                                                | 35.2             | 35.1                          | 0.0          | 40.5            | 7.8        | 0.0                       | H                        |                                             | 0.0                      | 48.4            | 83.5               | -35.1                       |  |       |  |
| 24541.100                                                                                                                                                | 37.1             | 36.3                          | 0.0          | 40.4            | 7.2        | 0.0                       | V                        |                                             | 0.0                      | 48.4            | 83.5               | -35.1                       |  |       |  |
| 24874.680                                                                                                                                                | 36.8             | 36.3                          | 0.0          | 40.4            | 7.4        | 0.0                       | V                        |                                             | 0.0                      | 48.4            | 83.5               | -35.1                       |  |       |  |
| 24181.040                                                                                                                                                | 37.3             | 36.4                          | 0.0          | 40.4            | 7.0        | 0.0                       | V                        |                                             | 0.0                      | 48.3            | 83.5               | -35.2                       |  |       |  |
| 24334.590                                                                                                                                                | 37.1             | 36.4                          | 0.0          | 40.4            | 7.1        | 0.0                       | H                        |                                             | 0.0                      | 48.3            | 83.5               | -35.2                       |  |       |  |
| 25711.270                                                                                                                                                | 35.8             | 35.7                          | 0.0          | 40.5            | 7.6        | 0.0                       | H                        |                                             | 0.0                      | 48.2            | 83.5               | -35.3                       |  |       |  |
| 24906.450                                                                                                                                                | 36.6             | 36.3                          | 0.0          | 40.4            | 7.4        | 0.0                       | H                        |                                             | 0.0                      | 48.2            | 83.5               | -35.3                       |  |       |  |
| 24530.510                                                                                                                                                | 36.8             | 36.3                          | 0.0          | 40.4            | 7.2        | 0.0                       | H                        |                                             | 0.0                      | 48.1            | 83.5               | -35.4                       |  |       |  |
| 26044.850                                                                                                                                                | 35.2             | 35.5                          | 0.0          | 40.5            | 7.7        | 0.0                       | V                        |                                             | 0.0                      | 47.9            | 83.5               | -35.6                       |  |       |  |
| 23122.060                                                                                                                                                | 36.9             | 36.1                          | 0.0          | 40.4            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 47.6            | 83.5               | -35.9                       |  |       |  |
| 21697.720                                                                                                                                                | 35.5             | 36.1                          | 0.0          | 40.3            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 46.6            | 83.5               | -36.9                       |  |       |  |
| 21406.500                                                                                                                                                | 35.6             | 36.2                          | 0.0          | 40.3            | 6.9        | 0.0                       | V                        |                                             | 0.0                      | 46.6            | 83.5               | -36.9                       |  |       |  |
| 23069.110                                                                                                                                                | 35.7             | 36.1                          | 0.0          | 40.4            | 6.4        | 0.0                       | H                        |                                             | 0.0                      | 46.4            | 83.5               | -37.1                       |  |       |  |
| 22756.710                                                                                                                                                | 35.5             | 36.1                          | 0.0          | 40.4            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 46.3            | 83.5               | -37.2                       |  |       |  |
| 23683.320                                                                                                                                                | 35.3             | 36.3                          | 0.0          | 40.4            | 6.7        | 0.0                       | V                        |                                             | 0.0                      | 46.1            | 83.5               | -37.4                       |  |       |  |
| 21914.810                                                                                                                                                | 34.8             | 36.0                          | 0.0          | 40.3            | 7.0        | 0.0                       | V                        |                                             | 0.0                      | 46.1            | 83.5               | -37.4                       |  |       |  |
| 21221.180                                                                                                                                                | 34.2             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 45.0            | 83.5               | -38.5                       |  |       |  |
| 21215.880                                                                                                                                                | 34.2             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 45.0            | 83.5               | -38.5                       |  |       |  |
| 21210.590                                                                                                                                                | 33.9             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 44.7            | 83.5               | -38.8                       |  |       |  |
| 21242.360                                                                                                                                                | 33.7             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 44.6            | 83.5               | -38.9                       |  |       |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df2.05<br>07/31/2002 |  |       |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              |                 |            |                           |                          |                                             |                          |                 |                    | Job Site: EV01              |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Mid channel, corner mount antenna, tested in WA21                                                                                                        |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 1                           |  | 81    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By: _____                                                                                                                                         |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 26410.200                                                                                                                                                | 35.3             | 35.2                          | 0.0          | 40.5            | 7.8        | 0.0                       | H                        |                                             | 0.0                      | 48.5            | 83.5               | -35.0                       |  |       |  |
| 24996.460                                                                                                                                                | 36.7             | 36.3                          | 0.0          | 40.4            | 7.5        | 0.0                       | V                        |                                             | 0.0                      | 48.3            | 83.5               | -35.2                       |  |       |  |
| 25711.270                                                                                                                                                | 35.9             | 35.7                          | 0.0          | 40.5            | 7.6        | 0.0                       | V                        |                                             | 0.0                      | 48.3            | 83.5               | -35.2                       |  |       |  |
| 24869.380                                                                                                                                                | 36.7             | 36.3                          | 0.0          | 40.4            | 7.4        | 0.0                       | H                        |                                             | 0.0                      | 48.3            | 83.5               | -35.2                       |  |       |  |
| 24456.380                                                                                                                                                | 36.9             | 36.4                          | 0.0          | 40.4            | 7.2        | 0.0                       | H                        |                                             | 0.0                      | 48.1            | 83.5               | -35.4                       |  |       |  |
| 25637.140                                                                                                                                                | 35.8             | 35.8                          | 0.0          | 40.5            | 7.6        | 0.0                       | H                        |                                             | 0.0                      | 48.1            | 83.5               | -35.4                       |  |       |  |
| 26129.570                                                                                                                                                | 35.2             | 35.4                          | 0.0          | 40.5            | 7.7        | 0.0                       | V                        |                                             | 0.0                      | 48.0            | 83.5               | -35.5                       |  |       |  |
| 25351.220                                                                                                                                                | 36.0             | 36.0                          | 0.0          | 40.5            | 7.6        | 0.0                       | H                        |                                             | 0.0                      | 48.0            | 83.5               | -35.5                       |  |       |  |
| 24228.700                                                                                                                                                | 36.9             | 36.4                          | 0.0          | 40.4            | 7.0        | 0.0                       | H                        |                                             | 0.0                      | 48.0            | 83.5               | -35.5                       |  |       |  |
| 26489.630                                                                                                                                                | 34.7             | 35.1                          | 0.0          | 40.5            | 7.9        | 0.0                       | V                        |                                             | 0.0                      | 47.9            | 83.5               | -35.6                       |  |       |  |
| 25901.890                                                                                                                                                | 35.3             | 35.6                          | 0.0          | 40.5            | 7.7        | 0.0                       | V                        |                                             | 0.0                      | 47.9            | 83.5               | -35.6                       |  |       |  |
| 21766.560                                                                                                                                                | 35.5             | 36.1                          | 0.0          | 40.3            | 7.0        | 0.0                       | H                        |                                             | 0.0                      | 46.7            | 83.5               | -36.8                       |  |       |  |
| 21771.850                                                                                                                                                | 35.4             | 36.1                          | 0.0          | 40.3            | 7.0        | 0.0                       | V                        |                                             | 0.0                      | 46.6            | 83.5               | -36.9                       |  |       |  |
| 22211.330                                                                                                                                                | 35.1             | 36.0                          | 0.0          | 40.3            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 46.3            | 83.5               | -37.2                       |  |       |  |
| 23010.860                                                                                                                                                | 35.6             | 36.1                          | 0.0          | 40.4            | 6.4        | 0.0                       | H                        |                                             | 0.0                      | 46.3            | 83.5               | -37.2                       |  |       |  |
| 22899.670                                                                                                                                                | 35.3             | 36.1                          | 0.0          | 40.4            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 46.0            | 83.5               | -37.5                       |  |       |  |
| 21242.360                                                                                                                                                | 33.7             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 44.6            | 83.5               | -38.9                       |  |       |  |
| 21237.060                                                                                                                                                | 33.7             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 44.6            | 83.5               | -38.9                       |  |       |  |
| 21231.770                                                                                                                                                | 33.6             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 44.4            | 83.5               | -39.1                       |  |       |  |
| 21210.590                                                                                                                                                | 33.6             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 44.4            | 83.5               | -39.1                       |  |       |  |
| 21215.880                                                                                                                                                | 33.5             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 44.3            | 83.5               | -39.2                       |  |       |  |

|                                                                                                                                                          |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|-----------------|--------------------|---------------|---------------------------------|---------------------------------|-------------------------------------------------------|--------------------------------|-------------------------------|-----------------------|------------------------------|--|-------|--|--|--|--|--|-----------------------------|--|
| NORTHWEST<br>EMC                                                                                                                                         |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | RADIATED EMISSIONS DATA SHEET |                       |                              |  |       |  |  |  |  |  | REV<br>df2.05<br>07/31/2002 |  |
| EUT: WN-5MP01                                                                                                                                            |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | Work Order: INMC0024          |                       |                              |  |       |  |  |  |  |  |                             |  |
| Serial Number:                                                                                                                                           |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | Date: 8/14/02                 |                       |                              |  |       |  |  |  |  |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | Temperature: 72               |                       |                              |  |       |  |  |  |  |  |                             |  |
| Attendees: None                                                                                                                                          |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | Humidity: 38%                 |                       |                              |  |       |  |  |  |  |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | Barometric Pressure: 30       |                       |                              |  |       |  |  |  |  |  |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | Power: 120 V, 60 Hz           |                       |                              |  |       |  |  |  |  |  | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | Year: Current 47CFR           |                       |                              |  |       |  |  |  |  |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | Year: 2000                    |                       |                              |  |       |  |  |  |  |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
| COMMENTS                                                                                                                                                 |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
| Low channel, corner mount antenna, tested in WA21                                                                                                        |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
| Transmitting radio b                                                                                                                                     |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
| No deviations.                                                                                                                                           |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
| RESULTS                                                                                                                                                  |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | Test Distance (m)             |                       |                              |  | Run # |  |  |  |  |  |                             |  |
| Evaluation                                                                                                                                               |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | 1                             |                       |                              |  | 82    |  |  |  |  |  |                             |  |
| Other                                                                                                                                                    |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
|                                                                                                                                                          |                     |                |                 |                    |               |                                 |                                 |                                                       |                                | Tested By: _____              |                       |                              |  |       |  |  |  |  |  |                             |  |
|                                                                                                                                                          |                     |                |                 |                    |               |                                 |                                 |                                                       |                                |                               |                       |                              |  |       |  |  |  |  |  |                             |  |
| Freq<br>(MHz)                                                                                                                                            | Amplitude<br>(dBuV) | Preamp<br>(dB) | Chamber<br>(dB) | Transducer<br>(dB) | Cable<br>(dB) | External<br>Attenuation<br>(dB) | Polarity/<br>Transducer<br>Type | Detector<br><br>(blank equal peaks<br>[PK] from scan) | Distance<br>Adjustment<br>(dB) | Adjusted<br>dBuV/m            | Spec. Limit<br>dBuV/m | Compared to<br>Spec.<br>(dB) |  |       |  |  |  |  |  |                             |  |
| 24869.380                                                                                                                                                | 37.0                | 36.3           | 0.0             | 40.4               | 7.4           | 0.0                             | H                               |                                                       | 0.0                            | 48.6                          | 83.5                  | -34.9                        |  |       |  |  |  |  |  |                             |  |
| 24869.380                                                                                                                                                | 36.9                | 36.3           | 0.0             | 40.4               | 7.4           | 0.0                             | V                               |                                                       | 0.0                            | 48.5                          | 83.5                  | -35.0                        |  |       |  |  |  |  |  |                             |  |
| 24223.400                                                                                                                                                | 37.2                | 36.4           | 0.0             | 40.4               | 7.0           | 0.0                             | V                               |                                                       | 0.0                            | 48.3                          | 83.5                  | -35.2                        |  |       |  |  |  |  |  |                             |  |
| 25621.260                                                                                                                                                | 35.9                | 35.8           | 0.0             | 40.5               | 7.6           | 0.0                             | V                               |                                                       | 0.0                            | 48.2                          | 83.5                  | -35.3                        |  |       |  |  |  |  |  |                             |  |
| 25700.680                                                                                                                                                | 35.7                | 35.7           | 0.0             | 40.5               | 7.6           | 0.0                             | H                               |                                                       | 0.0                            | 48.1                          | 83.5                  | -35.4                        |  |       |  |  |  |  |  |                             |  |
| 24218.110                                                                                                                                                | 37.0                | 36.4           | 0.0             | 40.4               | 7.0           | 0.0                             | H                               |                                                       | 0.0                            | 48.1                          | 83.5                  | -35.4                        |  |       |  |  |  |  |  |                             |  |
| 26463.150                                                                                                                                                | 34.8                | 35.1           | 0.0             | 40.5               | 7.8           | 0.0                             | H                               |                                                       | 0.0                            | 48.0                          | 83.5                  | -35.5                        |  |       |  |  |  |  |  |                             |  |
| 25494.180                                                                                                                                                | 35.8                | 35.9           | 0.0             | 40.5               | 7.6           | 0.0                             | H                               |                                                       | 0.0                            | 48.0                          | 83.5                  | -35.5                        |  |       |  |  |  |  |  |                             |  |
| 24482.850                                                                                                                                                | 36.7                | 36.4           | 0.0             | 40.4               | 7.2           | 0.0                             | V                               |                                                       | 0.0                            | 48.0                          | 83.5                  | -35.5                        |  |       |  |  |  |  |  |                             |  |
| 26441.970                                                                                                                                                | 34.6                | 35.1           | 0.0             | 40.5               | 7.8           | 0.0                             | V                               |                                                       | 0.0                            | 47.8                          | 83.5                  | -35.7                        |  |       |  |  |  |  |  |                             |  |
| 25430.640                                                                                                                                                | 35.5                | 36.0           | 0.0             | 40.5               | 7.6           | 0.0                             | V                               |                                                       | 0.0                            | 47.6                          | 83.5                  | -35.9                        |  |       |  |  |  |  |  |                             |  |
| 21422.390                                                                                                                                                | 35.8                | 36.2           | 0.0             | 40.3               | 6.9           | 0.0                             | V                               |                                                       | 0.0                            | 46.8                          | 83.5                  | -36.7                        |  |       |  |  |  |  |  |                             |  |
| 21390.620                                                                                                                                                | 35.7                | 36.2           | 0.0             | 40.3               | 6.9           | 0.0                             | H                               |                                                       | 0.0                            | 46.6                          | 83.5                  | -36.9                        |  |       |  |  |  |  |  |                             |  |
| 21464.750                                                                                                                                                | 35.6                | 36.2           | 0.0             | 40.3               | 6.9           | 0.0                             | V                               |                                                       | 0.0                            | 46.6                          | 83.5                  | -36.9                        |  |       |  |  |  |  |  |                             |  |
| 21771.850                                                                                                                                                | 35.4                | 36.1           | 0.0             | 40.3               | 7.0           | 0.0                             | H                               |                                                       | 0.0                            | 46.6                          | 83.5                  | -36.9                        |  |       |  |  |  |  |  |                             |  |
| 23053.220                                                                                                                                                | 35.8                | 36.1           | 0.0             | 40.4               | 6.4           | 0.0                             | H                               |                                                       | 0.0                            | 46.5                          | 83.5                  | -37.0                        |  |       |  |  |  |  |  |                             |  |
| 23720.380                                                                                                                                                | 35.5                | 36.3           | 0.0             | 40.4               | 6.8           | 0.0                             | H                               |                                                       | 0.0                            | 46.3                          | 83.5                  | -37.2                        |  |       |  |  |  |  |  |                             |  |
| 23084.990                                                                                                                                                | 35.6                | 36.1           | 0.0             | 40.4               | 6.4           | 0.0                             | V                               |                                                       | 0.0                            | 46.3                          | 83.5                  | -37.2                        |  |       |  |  |  |  |  |                             |  |
| 22243.100                                                                                                                                                | 35.0                | 36.0           | 0.0             | 40.3               | 6.9           | 0.0                             | V                               |                                                       | 0.0                            | 46.2                          | 83.5                  | -37.3                        |  |       |  |  |  |  |  |                             |  |
| 22878.490                                                                                                                                                | 35.3                | 36.1           | 0.0             | 40.4               | 6.5           | 0.0                             | V                               |                                                       | 0.0                            | 46.0                          | 83.5                  | -37.5                        |  |       |  |  |  |  |  |                             |  |
| 21205.290                                                                                                                                                | 34.6                | 36.3           | 0.0             | 40.3               | 6.8           | 0.0                             | H                               |                                                       | 0.0                            | 45.4                          | 83.5                  | -38.1                        |  |       |  |  |  |  |  |                             |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|---------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                     |                    | REV<br>df2.05<br>07/31/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              |                 |            |                           |                          |                                             |                          |                     |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000          |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Low channel, corner mount antenna, tested in WA21                                                                                                        |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m)   |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 0.2                 |                    | 83                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested By: _____                                                                                                                                         |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m     | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 39837.300                                                                                                                                                | 43.6             | 27.6                          | 0.0          | 43.8            | 12.0       | 0.0                       | H                        |                                             | 0.0                      | 71.7                | 97.5               | -25.8                       |  |
| 39798.350                                                                                                                                                | 43.3             | 27.6                          | 0.0          | 43.8            | 11.9       | 0.0                       | V                        |                                             | 0.0                      | 71.4                | 97.5               | -26.1                       |  |
| 37323.580                                                                                                                                                | 45.3             | 29.2                          | 0.0          | 43.7            | 11.2       | 0.0                       | H                        |                                             | 0.0                      | 71.0                | 97.5               | -26.5                       |  |
| 39312.980                                                                                                                                                | 43.2             | 27.8                          | 0.0          | 43.7            | 11.8       | 0.0                       | V                        |                                             | 0.0                      | 70.9                | 97.5               | -26.6                       |  |
| 39309.990                                                                                                                                                | 43.1             | 27.8                          | 0.0          | 43.7            | 11.8       | 0.0                       | H                        |                                             | 0.0                      | 70.8                | 97.5               | -26.7                       |  |
| 37356.540                                                                                                                                                | 45.0             | 29.1                          | 0.0          | 43.7            | 11.2       | 0.0                       | V                        |                                             | 0.0                      | 70.7                | 97.5               | -26.8                       |  |
| 36743.130                                                                                                                                                | 45.0             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 70.1                | 97.5               | -27.4                       |  |
| 38737.730                                                                                                                                                | 42.6             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 69.8                | 97.5               | -27.7                       |  |
| 38734.740                                                                                                                                                | 42.3             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 69.5                | 97.5               | -28.0                       |  |
| 36707.030                                                                                                                                                | 44.4             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 69.5                | 97.5               | -28.0                       |  |
| 33565.660                                                                                                                                                | 44.0             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 68.6                | 97.5               | -28.9                       |  |
| 33484.450                                                                                                                                                | 43.6             | 29.1                          | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 68.1                | 97.5               | -29.4                       |  |
| 33565.660                                                                                                                                                | 43.5             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | H                        |                                             | 0.0                      | 68.1                | 97.5               | -29.4                       |  |
| 34004.800                                                                                                                                                | 42.8             | 28.7                          | 0.0          | 43.6            | 10.2       | 0.0                       | H                        |                                             | 0.0                      | 67.8                | 97.5               | -29.7                       |  |
| 34153.400                                                                                                                                                | 42.7             | 28.8                          | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 67.7                | 97.5               | -29.8                       |  |
| 36343.090                                                                                                                                                | 42.3             | 29.7                          | 0.0          | 43.6            | 10.9       | 0.0                       | V                        |                                             | 0.0                      | 67.1                | 97.5               | -30.4                       |  |
| 37787.970                                                                                                                                                | 40.8             | 28.7                          | 0.0          | 43.7            | 11.3       | 0.0                       | V                        |                                             | 0.0                      | 67.1                | 97.5               | -30.4                       |  |
| 36346.090                                                                                                                                                | 41.9             | 29.7                          | 0.0          | 43.6            | 10.9       | 0.0                       | H                        |                                             | 0.0                      | 66.7                | 97.5               | -30.8                       |  |
| 38270.340                                                                                                                                                | 39.7             | 28.4                          | 0.0          | 43.7            | 11.5       | 0.0                       | V                        |                                             | 0.0                      | 66.5                | 97.5               | -31.0                       |  |
| 35690.390                                                                                                                                                | 41.7             | 29.6                          | 0.0          | 43.6            | 10.7       | 0.0                       | V                        |                                             | 0.0                      | 66.4                | 97.5               | -31.1                       |  |
| 38348.240                                                                                                                                                | 39.4             | 28.3                          | 0.0          | 43.7            | 11.5       | 0.0                       | H                        |                                             | 0.0                      | 66.3                | 97.5               | -31.2                       |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|---------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                     |                    | REV<br>df2.05<br>07/31/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              |                 |            |                           |                          |                                             |                          |                     |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000          |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Mid channel, corner mount antenna, tested in WA21                                                                                                        |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m)   |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 0.2                 |                    | 84                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested By: _____                                                                                                                                         |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m     | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 39837.300                                                                                                                                                | 43.9             | 27.6                          | 0.0          | 43.8            | 12.0       | 0.0                       | H                        |                                             | 0.0                      | 72.0                | 97.5               | -25.5                       |  |
| 37368.520                                                                                                                                                | 45.8             | 29.1                          | 0.0          | 43.7            | 11.2       | 0.0                       | V                        |                                             | 0.0                      | 71.5                | 97.5               | -26.0                       |  |
| 39888.230                                                                                                                                                | 43.3             | 27.6                          | 0.0          | 43.8            | 12.0       | 0.0                       | V                        |                                             | 0.0                      | 71.5                | 97.5               | -26.0                       |  |
| 39336.950                                                                                                                                                | 43.5             | 27.8                          | 0.0          | 43.7            | 11.8       | 0.0                       | V                        |                                             | 0.0                      | 71.2                | 97.5               | -26.3                       |  |
| 39289.020                                                                                                                                                | 43.5             | 27.9                          | 0.0          | 43.7            | 11.8       | 0.0                       | H                        |                                             | 0.0                      | 71.2                | 97.5               | -26.3                       |  |
| 39591.620                                                                                                                                                | 43.2             | 27.7                          | 0.0          | 43.8            | 11.9       | 0.0                       | V                        |                                             | 0.0                      | 71.1                | 97.5               | -26.4                       |  |
| 37392.490                                                                                                                                                | 44.7             | 29.1                          | 0.0          | 43.7            | 11.2       | 0.0                       | H                        |                                             | 0.0                      | 70.5                | 97.5               | -27.0                       |  |
| 36731.090                                                                                                                                                | 45.2             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 70.3                | 97.5               | -27.2                       |  |
| 38728.750                                                                                                                                                | 42.9             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 70.1                | 97.5               | -27.4                       |  |
| 36716.050                                                                                                                                                | 44.6             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 69.7                | 97.5               | -27.8                       |  |
| 38758.710                                                                                                                                                | 42.3             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 69.5                | 97.5               | -28.0                       |  |
| 38159.490                                                                                                                                                | 41.8             | 28.4                          | 0.0          | 43.7            | 11.4       | 0.0                       | V                        |                                             | 0.0                      | 68.5                | 97.5               | -29.0                       |  |
| 34084.220                                                                                                                                                | 43.4             | 28.7                          | 0.0          | 43.6            | 10.2       | 0.0                       | H                        |                                             | 0.0                      | 68.4                | 97.5               | -29.1                       |  |
| 37985.710                                                                                                                                                | 41.6             | 28.5                          | 0.0          | 43.7            | 11.4       | 0.0                       | V                        |                                             | 0.0                      | 68.2                | 97.5               | -29.3                       |  |
| 38072.600                                                                                                                                                | 41.5             | 28.5                          | 0.0          | 43.7            | 11.4       | 0.0                       | V                        |                                             | 0.0                      | 68.1                | 97.5               | -29.4                       |  |
| 38123.540                                                                                                                                                | 41.4             | 28.4                          | 0.0          | 43.7            | 11.4       | 0.0                       | V                        |                                             | 0.0                      | 68.1                | 97.5               | -29.4                       |  |
| 37958.750                                                                                                                                                | 41.5             | 28.5                          | 0.0          | 43.7            | 11.4       | 0.0                       | V                        |                                             | 0.0                      | 68.0                | 97.5               | -29.5                       |  |
| 33529.570                                                                                                                                                | 43.4             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 67.9                | 97.5               | -29.6                       |  |
| 34045.120                                                                                                                                                | 42.8             | 28.7                          | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 67.8                | 97.5               | -29.7                       |  |
| 37874.860                                                                                                                                                | 41.4             | 28.6                          | 0.0          | 43.7            | 11.3       | 0.0                       | V                        |                                             | 0.0                      | 67.8                | 97.5               | -29.7                       |  |
| 33553.630                                                                                                                                                | 43.1             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | H                        |                                             | 0.0                      | 67.7                | 97.5               | -29.8                       |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df2.05<br>07/31/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              | Job Site: EV01  |            |                           |                          |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| High channel, corner mount antenna, tested in WA21                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 0.2               |                    | 85                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested By: _____                                                                                                                                         |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 39816.330                                                                                                                                                | 43.8             | 27.6                          | 0.0          | 43.8            | 11.9       | 0.0                       | H                        |                                             | 0.0                      | 71.9              | 97.5               | -25.6                       |  |
| 39858.270                                                                                                                                                | 43.7             | 27.6                          | 0.0          | 43.8            | 12.0       | 0.0                       | V                        |                                             | 0.0                      | 71.8              | 97.5               | -25.7                       |  |
| 39301.000                                                                                                                                                | 44.1             | 27.8                          | 0.0          | 43.7            | 11.8       | 0.0                       | H                        |                                             | 0.0                      | 71.8              | 97.5               | -25.7                       |  |
| 37392.490                                                                                                                                                | 45.2             | 29.1                          | 0.0          | 43.7            | 11.2       | 0.0                       | V                        |                                             | 0.0                      | 71.0              | 97.5               | -26.5                       |  |
| 39295.010                                                                                                                                                | 43.2             | 27.9                          | 0.0          | 43.7            | 11.8       | 0.0                       | V                        |                                             | 0.0                      | 70.9              | 97.5               | -26.6                       |  |
| 37395.480                                                                                                                                                | 44.9             | 29.1                          | 0.0          | 43.7            | 11.2       | 0.0                       | H                        |                                             | 0.0                      | 70.7              | 97.5               | -26.8                       |  |
| 36767.190                                                                                                                                                | 45.0             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 70.1              | 97.5               | -27.4                       |  |
| 38737.730                                                                                                                                                | 42.8             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 70.0              | 97.5               | -27.5                       |  |
| 38731.740                                                                                                                                                | 42.8             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 70.0              | 97.5               | -27.5                       |  |
| 36707.030                                                                                                                                                | 44.6             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 69.7              | 97.5               | -27.8                       |  |
| 38998.390                                                                                                                                                | 42.1             | 28.0                          | 0.0          | 43.7            | 11.7       | 0.0                       | V                        |                                             | 0.0                      | 69.5              | 97.5               | -28.0                       |  |
| 36812.300                                                                                                                                                | 44.1             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 69.2              | 97.5               | -28.3                       |  |
| 38896.530                                                                                                                                                | 41.6             | 28.1                          | 0.0          | 43.7            | 11.7       | 0.0                       | V                        |                                             | 0.0                      | 68.9              | 97.5               | -28.6                       |  |
| 38575.950                                                                                                                                                | 41.4             | 28.2                          | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 68.5              | 97.5               | -29.0                       |  |
| 33538.590                                                                                                                                                | 43.4             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 68.0              | 97.5               | -29.5                       |  |
| 34063.160                                                                                                                                                | 42.9             | 28.7                          | 0.0          | 43.6            | 10.2       | 0.0                       | H                        |                                             | 0.0                      | 67.9              | 97.5               | -29.6                       |  |
| 34126.330                                                                                                                                                | 42.9             | 28.8                          | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 67.9              | 97.5               | -29.6                       |  |
| 33517.540                                                                                                                                                | 43.3             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | H                        |                                             | 0.0                      | 67.8              | 97.5               | -29.7                       |  |
| 38165.480                                                                                                                                                | 41.0             | 28.4                          | 0.0          | 43.7            | 11.4       | 0.0                       | V                        |                                             | 0.0                      | 67.7              | 97.5               | -29.8                       |  |
| 38093.570                                                                                                                                                | 40.8             | 28.5                          | 0.0          | 43.7            | 11.4       | 0.0                       | V                        |                                             | 0.0                      | 67.5              | 97.5               | -30.0                       |  |
| 38204.430                                                                                                                                                | 40.7             | 28.4                          | 0.0          | 43.7            | 11.4       | 0.0                       | V                        |                                             | 0.0                      | 67.5              | 97.5               | -30.0                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              | REV<br>df2.05<br>07/31/2002 |            |                           |                          |                                             |                          |                 |                    |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|------------------------|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              | Job Site: EV01              |            |                           |                          |                                             |                          |                 |                    |                        |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| COMMENTS                                                                                                                                                 |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| High channel, corner mount antenna, tested in WA21                                                                                                       |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| No deviations.                                                                                                                                           |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| RESULTS                                                                                                                                                  |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  | Test Distance (m)             |              | Run #                       |            |                           |                          |                                             |                          |                 |                    |                        |
| Evaluation                                                                                                                                               |                  | 1                             |              | 86                          |            |                           |                          |                                             |                          |                 |                    |                        |
| Other                                                                                                                                                    |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  | Tested By: _____              |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB)             | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) |
| 3976.349                                                                                                                                                 | 19.2             | 0.0                           | 0.0          | 34.4                        | 3.9        | 0.0                       | V                        |                                             | 0.0                      | 57.5            | 83.5               | -26.0                  |
| 4008.990                                                                                                                                                 | 19.1             | 0.0                           | 0.0          | 34.5                        | 3.9        | 0.0                       | H                        |                                             | 0.0                      | 57.5            | 83.5               | -26.0                  |
| 1984.509                                                                                                                                                 | 20.5             | 0.0                           | 0.0          | 29.0                        | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 52.0            | 83.5               | -31.5                  |
| 2008.480                                                                                                                                                 | 20.3             | 0.0                           | 0.0          | 29.1                        | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 51.9            | 83.5               | -31.6                  |
| 2004.400                                                                                                                                                 | 20.3             | 0.0                           | 0.0          | 29.1                        | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 51.9            | 83.5               | -31.6                  |
| 1997.770                                                                                                                                                 | 20.2             | 0.0                           | 0.0          | 29.1                        | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 51.8            | 83.5               | -31.7                  |
| 2008.480                                                                                                                                                 | 20.1             | 0.0                           | 0.0          | 29.1                        | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 51.7            | 83.5               | -31.8                  |
| 2005.420                                                                                                                                                 | 20.0             | 0.0                           | 0.0          | 29.1                        | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 51.6            | 83.5               | -31.9                  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df2.05<br>07/31/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              | Job Site: EV01  |            |                           |                          |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Mid channel, corner mount antenna, tested in WA21                                                                                                        |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                 |                    | 87                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| <div style="text-align: right;">Tested By: _____</div>                                                                                                   |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 4004.400                                                                                                                                                 | 19.2             | 0.0                           | 0.0          | 34.5            | 3.9        | 0.0                       | H                        |                                             | 0.0                      | 57.6              | 83.5               | -25.9                       |  |
| 3994.199                                                                                                                                                 | 19.0             | 0.0                           | 0.0          | 34.5            | 3.9        | 0.0                       | V                        |                                             | 0.0                      | 57.4              | 83.5               | -26.1                       |  |
| 2003.890                                                                                                                                                 | 20.4             | 0.0                           | 0.0          | 29.1            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 52.0              | 83.5               | -31.5                       |  |
| 1993.179                                                                                                                                                 | 20.3             | 0.0                           | 0.0          | 29.1            | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 51.9              | 83.5               | -31.6                       |  |
| 2006.440                                                                                                                                                 | 20.2             | 0.0                           | 0.0          | 29.1            | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 51.8              | 83.5               | -31.7                       |  |
| 1982.979                                                                                                                                                 | 20.3             | 0.0                           | 0.0          | 29.0            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 51.8              | 83.5               | -31.7                       |  |
| 2004.910                                                                                                                                                 | 20.1             | 0.0                           | 0.0          | 29.1            | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 51.7              | 83.5               | -31.8                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df2.05<br>07/31/2002 |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Low channel, corner mount antenna, tested in WA21                                                                                                        |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 1                           |  | 88    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| <div style="text-align: right;">Tested By: _____</div>                                                                                                   |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 3994.709                                                                                                                                                 | 19.1             | 0.0                           | 0.0          | 34.5            | 3.9        | 0.0                       | V                        |                                             | 0.0                      | 57.5            | 83.5               | -26.0                       |  |       |  |
| 3967.169                                                                                                                                                 | 19.2             | 0.0                           | 0.0          | 34.4            | 3.9        | 0.0                       | H                        |                                             | 0.0                      | 57.5            | 83.5               | -26.0                       |  |       |  |
| 1991.649                                                                                                                                                 | 20.5             | 0.0                           | 0.0          | 29.1            | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 52.1            | 83.5               | -31.4                       |  |       |  |
| 1937.588                                                                                                                                                 | 20.7             | 0.0                           | 0.0          | 28.8            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 51.9            | 83.5               | -31.6                       |  |       |  |
| 2008.990                                                                                                                                                 | 20.3             | 0.0                           | 0.0          | 29.1            | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 51.9            | 83.5               | -31.6                       |  |       |  |
| 2005.930                                                                                                                                                 | 20.3             | 0.0                           | 0.0          | 29.1            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 51.9            | 83.5               | -31.6                       |  |       |  |
| 2007.970                                                                                                                                                 | 20.2             | 0.0                           | 0.0          | 29.1            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 51.8            | 83.5               | -31.7                       |  |       |  |
| 2005.930                                                                                                                                                 | 20.1             | 0.0                           | 0.0          | 29.1            | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 51.7            | 83.5               | -31.8                       |  |       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df2.05<br>07/31/2002 |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|-------|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |       |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 1992                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Low channel, corner mount antenna, tested in WA21                                                                                                        |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           | Run # |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 3                           | 89    |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| <div style="text-align: right;">Tested By: _____</div>                                                                                                   |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |       |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |       |
| 480.162                                                                                                                                                  | 51.6             | 29.1                          | 0.0          | 17.6            | 1.2        | 0.0                       | H                        |                                             | 0.0                      | 41.3            | 46.0               | -4.7                        |       |
| 704.187                                                                                                                                                  | 46.7             | 29.9                          | 0.0          | 21.7            | 1.5        | 0.0                       | H                        |                                             | 0.0                      | 40.0            | 46.0               | -6.0                        |       |
| 672.240                                                                                                                                                  | 47.0             | 29.8                          | 0.0          | 21.2            | 1.5        | 0.0                       | H                        |                                             | 0.0                      | 39.9            | 46.0               | -6.1                        |       |
| 480.162                                                                                                                                                  | 49.3             | 29.1                          | 0.0          | 17.6            | 1.2        | 0.0                       | V                        |                                             | 0.0                      | 39.0            | 46.0               | -7.0                        |       |
| 607.897                                                                                                                                                  | 46.0             | 29.5                          | 0.0          | 20.3            | 1.4        | 0.0                       | H                        |                                             | 0.0                      | 38.2            | 46.0               | -7.8                        |       |
| 736.358                                                                                                                                                  | 45.1             | 30.0                          | 0.0          | 21.6            | 1.5        | 0.0                       | V                        |                                             | 0.0                      | 38.1            | 46.0               | -7.9                        |       |
| 768.530                                                                                                                                                  | 44.9             | 30.2                          | 0.0          | 21.7            | 1.6        | 0.0                       | H                        |                                             | 0.0                      | 38.0            | 46.0               | -8.0                        |       |
| 736.133                                                                                                                                                  | 44.6             | 30.0                          | 0.0          | 21.6            | 1.5        | 0.0                       | H                        |                                             | 0.0                      | 37.6            | 46.0               | -8.4                        |       |
| 768.530                                                                                                                                                  | 43.6             | 30.2                          | 0.0          | 21.7            | 1.6        | 0.0                       | V                        |                                             | 0.0                      | 36.7            | 46.0               | -9.3                        |       |
| 607.897                                                                                                                                                  | 44.5             | 29.5                          | 0.0          | 20.3            | 1.4        | 0.0                       | V                        |                                             | 0.0                      | 36.7            | 46.0               | -9.3                        |       |
| 281.599                                                                                                                                                  | 51.2             | 29.1                          | 0.0          | 13.1            | 0.9        | 0.0                       | H                        |                                             | 0.0                      | 36.1            | 46.0               | -9.9                        |       |
| 167.351                                                                                                                                                  | 51.6             | 29.2                          | 0.0          | 9.9             | 0.7        | 0.0                       | V                        |                                             | 0.0                      | 33.1            | 43.0               | -9.9                        |       |
| 544.544                                                                                                                                                  | 44.4             | 29.3                          | 0.0          | 19.0            | 1.3        | 0.0                       | H                        |                                             | 0.0                      | 35.4            | 46.0               | -10.6                       |       |
| 640.069                                                                                                                                                  | 42.8             | 29.7                          | 0.0          | 20.7            | 1.4        | 0.0                       | H                        |                                             | 0.0                      | 35.3            | 46.0               | -10.7                       |       |
| 831.983                                                                                                                                                  | 41.5             | 30.3                          | 0.0          | 22.3            | 1.6        | 0.0                       | H                        |                                             | 0.0                      | 35.2            | 46.0               | -10.8                       |       |
| 672.240                                                                                                                                                  | 42.0             | 29.8                          | 0.0          | 21.2            | 1.5        | 0.0                       | V                        |                                             | 0.0                      | 34.9            | 46.0               | -11.1                       |       |
| 160.381                                                                                                                                                  | 50.1             | 29.2                          | 0.0          | 9.7             | 0.7        | 0.0                       | V                        |                                             | 0.0                      | 31.3            | 43.0               | -11.7                       |       |
| 288.264                                                                                                                                                  | 48.5             | 29.1                          | 0.0          | 13.4            | 0.9        | 0.0                       | H                        |                                             | 0.0                      | 33.7            | 46.0               | -12.3                       |       |
| 800.410                                                                                                                                                  | 40.4             | 30.3                          | 0.0          | 22.0            | 1.6        | 0.0                       | H                        |                                             | 0.0                      | 33.7            | 46.0               | -12.3                       |       |
| 800.205                                                                                                                                                  | 40.4             | 30.3                          | 0.0          | 22.0            | 1.6        | 0.0                       | H                        |                                             | 0.0                      | 33.7            | 46.0               | -12.3                       |       |
| 416.617                                                                                                                                                  | 45.2             | 29.1                          | 0.0          | 16.3            | 1.1        | 0.0                       | H                        |                                             | 0.0                      | 33.6            | 46.0               | -12.4                       |       |

|                                                                                                                                                          |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|-----------------|--------------------|---------------|---------------------------------|---------------------------------|-------------------------------------------------------|--------------------------------|--------------------|-----------------------|------------------------------|--|
| NORTHWEST                                                                                                                                                |                     | RADIATED EMISSIONS DATA SHEET |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       | REV<br>df2.05<br>07/31/2002  |  |
| EMC                                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| EUT: WN-5MP01                                                                                                                                            |                     | Work Order: INMC0024          |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Serial Number:                                                                                                                                           |                     | Date: 8/14/02                 |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Customer: INTERMEC Corporation                                                                                                                           |                     | Temperature: 72               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Attendees: None                                                                                                                                          |                     | Humidity: 38%                 |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Cust. Ref. No.:                                                                                                                                          |                     | Barometric Pressure: 30       |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Tested by: Rod Peloquin                                                                                                                                  |                     | Power: 120 V, 60 Hz           |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       | Job Site: EV01               |  |
| TEST SPECIFICATIONS                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                | Year: 2000         |                       |                              |  |
| Method: ANSI C63.4                                                                                                                                       |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                | Year: 1992         |                       |                              |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| COMMENTS                                                                                                                                                 |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Mid channel, corner mount antenna, tested in WA21                                                                                                        |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| EUT OPERATING MODES                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Transmitting radio b                                                                                                                                     |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| No deviations.                                                                                                                                           |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| RESULTS                                                                                                                                                  |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
|                                                                                                                                                          |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                | Test Distance (m)  |                       | Run #                        |  |
| Evaluation                                                                                                                                               |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                | 3                  |                       | 90                           |  |
| Other                                                                                                                                                    |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Tested By:                                                                                                                                               |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
|                                                                                                                                                          |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Freq<br>(MHz)                                                                                                                                            | Amplitude<br>(dBuV) | Preamp<br>(dB)                | Chamber<br>(dB) | Transducer<br>(dB) | Cable<br>(dB) | External<br>Attenuation<br>(dB) | Polarity/<br>Transducer<br>Type | Detector<br><br>(blank equal peaks<br>(PK) from scan) | Distance<br>Adjustment<br>(dB) | Adjusted<br>dBuV/m | Spec. Limit<br>dBuV/m | Compared to<br>Spec.<br>(dB) |  |
| 480.162                                                                                                                                                  | 51.4                | 29.1                          | 0.0             | 17.6               | 1.2           | 0.0                             | H                               |                                                       | 0.0                            | 41.1               | 46.0                  | -4.9                         |  |
| 672.240                                                                                                                                                  | 46.8                | 29.8                          | 0.0             | 21.2               | 1.5           | 0.0                             | H                               |                                                       | 0.0                            | 39.7               | 46.0                  | -6.3                         |  |
| 480.162                                                                                                                                                  | 49.5                | 29.1                          | 0.0             | 17.6               | 1.2           | 0.0                             | V                               |                                                       | 0.0                            | 39.2               | 46.0                  | -6.8                         |  |
| 736.358                                                                                                                                                  | 45.1                | 30.0                          | 0.0             | 21.6               | 1.5           | 0.0                             | V                               |                                                       | 0.0                            | 38.1               | 46.0                  | -7.9                         |  |
| 768.305                                                                                                                                                  | 44.1                | 30.2                          | 0.0             | 21.7               | 1.6           | 0.0                             | H                               |                                                       | 0.0                            | 37.2               | 46.0                  | -8.8                         |  |
| 768.080                                                                                                                                                  | 44.1                | 30.2                          | 0.0             | 21.7               | 1.6           | 0.0                             | V                               |                                                       | 0.0                            | 37.2               | 46.0                  | -8.8                         |  |
| 736.358                                                                                                                                                  | 44.1                | 30.0                          | 0.0             | 21.6               | 1.5           | 0.0                             | H                               |                                                       | 0.0                            | 37.1               | 46.0                  | -8.9                         |  |
| 607.897                                                                                                                                                  | 44.9                | 29.5                          | 0.0             | 20.3               | 1.4           | 0.0                             | H                               |                                                       | 0.0                            | 37.1               | 46.0                  | -8.9                         |  |
| 672.015                                                                                                                                                  | 43.7                | 29.8                          | 0.0             | 21.2               | 1.5           | 0.0                             | V                               |                                                       | 0.0                            | 36.6               | 46.0                  | -9.4                         |  |
| 607.897                                                                                                                                                  | 44.4                | 29.5                          | 0.0             | 20.3               | 1.4           | 0.0                             | V                               |                                                       | 0.0                            | 36.6               | 46.0                  | -9.4                         |  |
| 640.294                                                                                                                                                  | 43.6                | 29.7                          | 0.0             | 20.7               | 1.4           | 0.0                             | H                               |                                                       | 0.0                            | 36.1               | 46.0                  | -9.9                         |  |
| 96.216                                                                                                                                                   | 51.7                | 29.3                          | 0.0             | 9.6                | 0.6           | 0.0                             | H                               |                                                       | 0.0                            | 32.6               | 43.0                  | -10.4                        |  |
| 544.544                                                                                                                                                  | 44.4                | 29.3                          | 0.0             | 19.0               | 1.3           | 0.0                             | H                               |                                                       | 0.0                            | 35.4               | 46.0                  | -10.6                        |  |
| 96.421                                                                                                                                                   | 51.3                | 29.3                          | 0.0             | 9.6                | 0.6           | 0.0                             | V                               |                                                       | 0.0                            | 32.2               | 43.0                  | -10.8                        |  |
| 704.187                                                                                                                                                  | 41.5                | 29.9                          | 0.0             | 21.7               | 1.5           | 0.0                             | V                               |                                                       | 0.0                            | 34.8               | 46.0                  | -11.2                        |  |
| 704.187                                                                                                                                                  | 41.3                | 29.9                          | 0.0             | 21.7               | 1.5           | 0.0                             | H                               |                                                       | 0.0                            | 34.6               | 46.0                  | -11.4                        |  |
| 416.617                                                                                                                                                  | 46.2                | 29.1                          | 0.0             | 16.3               | 1.1           | 0.0                             | H                               |                                                       | 0.0                            | 34.6               | 46.0                  | -11.4                        |  |
| 831.983                                                                                                                                                  | 40.5                | 30.3                          | 0.0             | 22.3               | 1.6           | 0.0                             | H                               |                                                       | 0.0                            | 34.2               | 46.0                  | -11.8                        |  |
| 288.264                                                                                                                                                  | 48.4                | 29.1                          | 0.0             | 13.4               | 0.9           | 0.0                             | H                               |                                                       | 0.0                            | 33.6               | 46.0                  | -12.4                        |  |
| 831.983                                                                                                                                                  | 39.6                | 30.3                          | 0.0             | 22.3               | 1.6           | 0.0                             | V                               |                                                       | 0.0                            | 33.3               | 46.0                  | -12.7                        |  |
| 167.351                                                                                                                                                  | 48.8                | 29.2                          | 0.0             | 9.9                | 0.7           | 0.0                             | V                               |                                                       | 0.0                            | 30.3               | 43.0                  | -12.7                        |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|---------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                           |                                             |                          |                   |                    | REV<br>df2.05<br>07/31/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/14/02                 |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: 120 V, 60 Hz           |              |                 |            |                           |                           |                                             |                          |                   |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  |                               |              |                 |            |                           |                           |                                             |                          | Year: 2000        |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                           |                                             |                          | Year: 1992        |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| High channel, corner mount antenna, tested in WA21                                                                                                       |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                           |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                           |                                             |                          | 3                 |                    | 91                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/ Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 480.162                                                                                                                                                  | 51.9             | 29.1                          | 0.0          | 17.6            | 1.2        | 0.0                       | H                         |                                             | 0.0                      | 41.6              | 46.0               | -4.4                        |  |
| 672.240                                                                                                                                                  | 46.9             | 29.8                          | 0.0          | 21.2            | 1.5        | 0.0                       | H                         |                                             | 0.0                      | 39.8              | 46.0               | -6.2                        |  |
| 480.162                                                                                                                                                  | 49.7             | 29.1                          | 0.0          | 17.6            | 1.2        | 0.0                       | V                         |                                             | 0.0                      | 39.4              | 46.0               | -6.6                        |  |
| 607.897                                                                                                                                                  | 45.5             | 29.5                          | 0.0          | 20.3            | 1.4        | 0.0                       | H                         |                                             | 0.0                      | 37.7              | 46.0               | -8.3                        |  |
| 736.133                                                                                                                                                  | 44.4             | 30.0                          | 0.0          | 21.6            | 1.5        | 0.0                       | V                         |                                             | 0.0                      | 37.4              | 46.0               | -8.6                        |  |
| 736.133                                                                                                                                                  | 44.3             | 30.0                          | 0.0          | 21.6            | 1.5        | 0.0                       | H                         |                                             | 0.0                      | 37.3              | 46.0               | -8.7                        |  |
| 768.530                                                                                                                                                  | 44.2             | 30.2                          | 0.0          | 21.7            | 1.6        | 0.0                       | H                         |                                             | 0.0                      | 37.3              | 46.0               | -8.7                        |  |
| 384.797                                                                                                                                                  | 49.3             | 29.1                          | 0.0          | 15.8            | 1.1        | 0.0                       | H                         |                                             | 0.0                      | 37.1              | 46.0               | -8.9                        |  |
| 768.530                                                                                                                                                  | 43.9             | 30.2                          | 0.0          | 21.7            | 1.6        | 0.0                       | V                         |                                             | 0.0                      | 37.0              | 46.0               | -9.0                        |  |
| 607.897                                                                                                                                                  | 44.6             | 29.5                          | 0.0          | 20.3            | 1.4        | 0.0                       | V                         |                                             | 0.0                      | 36.8              | 46.0               | -9.2                        |  |
| 831.983                                                                                                                                                  | 43.0             | 30.3                          | 0.0          | 22.3            | 1.6        | 0.0                       | H                         |                                             | 0.0                      | 36.7              | 46.0               | -9.3                        |  |
| 100.521                                                                                                                                                  | 52.4             | 29.3                          | 0.0          | 9.6             | 0.6        | 0.0                       | V                         |                                             | 0.0                      | 33.3              | 43.0               | -9.7                        |  |
| 672.015                                                                                                                                                  | 43.2             | 29.8                          | 0.0          | 21.2            | 1.5        | 0.0                       | V                         |                                             | 0.0                      | 36.1              | 46.0               | -9.9                        |  |
| 704.187                                                                                                                                                  | 42.2             | 29.9                          | 0.0          | 21.7            | 1.5        | 0.0                       | H                         |                                             | 0.0                      | 35.5              | 46.0               | -10.5                       |  |
| 416.617                                                                                                                                                  | 47.1             | 29.1                          | 0.0          | 16.3            | 1.1        | 0.0                       | H                         |                                             | 0.0                      | 35.5              | 46.0               | -10.5                       |  |
| 167.351                                                                                                                                                  | 51.0             | 29.2                          | 0.0          | 9.9             | 0.7        | 0.0                       | V                         |                                             | 0.0                      | 32.5              | 43.0               | -10.5                       |  |
| 249.780                                                                                                                                                  | 51.5             | 29.2                          | 0.0          | 12.2            | 0.8        | 0.0                       | H                         |                                             | 0.0                      | 35.4              | 46.0               | -10.6                       |  |
| 96.011                                                                                                                                                   | 51.0             | 29.3                          | 0.0          | 9.6             | 0.6        | 0.0                       | V                         |                                             | 0.0                      | 31.9              | 43.0               | -11.1                       |  |
| 96.421                                                                                                                                                   | 51.0             | 29.3                          | 0.0          | 9.6             | 0.6        | 0.0                       | H                         |                                             | 0.0                      | 31.9              | 43.0               | -11.1                       |  |
| 100.521                                                                                                                                                  | 50.9             | 29.3                          | 0.0          | 9.6             | 0.6        | 0.0                       | H                         |                                             | 0.0                      | 31.8              | 43.0               | -11.2                       |  |
| 544.544                                                                                                                                                  | 43.7             | 29.3                          | 0.0          | 19.0            | 1.3        | 0.0                       | H                         |                                             | 0.0                      | 34.7              | 46.0               | -11.3                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                           |                                             |                          |                   |                    | REV<br>d12.06<br>08/16/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|---------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/21/02 14:17           |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              |                 |            |                           |                           |                                             |                          |                   |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| High channel, corner mount antenna, 6 Mbps data rate                                                                                                     |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                           |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                           |                                             |                          | 1                 |                    | 92                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| <div style="text-align: right;">Tested By: _____</div>                                                                                                   |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                           |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/ Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 5326.604                                                                                                                                                 | 65.6             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                         |                                             | 0.0                      | 101.8             | 83.5               | 18.3                        |  |
| 5320.850                                                                                                                                                 | 51.1             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                         |                                             | 0.0                      | 87.3              | 83.5               | 3.8                         |  |
| 4495.602                                                                                                                                                 | 22.6             | 0.0                           | 0.0          | 32.4            | 1.9        | 0.0                       | H                         |                                             | 0.0                      | 56.9              | 83.5               | -26.6                       |  |
| 4579.633                                                                                                                                                 | 22.4             | 0.0                           | 0.0          | 32.5            | 1.9        | 0.0                       | V                         |                                             | 0.0                      | 56.8              | 83.5               | -26.7                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              | REV<br>df2.06<br>08/16/2002 |            |                           |                          |                                             |                          |                 |                    |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|------------------------|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Serial Number:                                                                                                                                           |                  | Date: 8/21/02 14:24           |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              | Job Site: EV01              |            |                           |                          |                                             |                          |                 |                    |                        |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| COMMENTS                                                                                                                                                 |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| High channel, corner mount antenna, 54 Mbps data rate                                                                                                    |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| No deviations.                                                                                                                                           |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| RESULTS                                                                                                                                                  |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  | Test Distance (m)             |              | Run #                       |            |                           |                          |                                             |                          |                 |                    |                        |
| Evaluation                                                                                                                                               |                  | 1                             |              | 93                          |            |                           |                          |                                             |                          |                 |                    |                        |
| Other                                                                                                                                                    |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  | Tested By: _____              |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB)             | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) |
| 5324.686                                                                                                                                                 | 60.8             | 0.0                           | 0.0          | 34.1                        | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 97.0            | 83.5               | 13.5                   |
| 5326.604                                                                                                                                                 | 47.3             | 0.0                           | 0.0          | 34.1                        | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 83.5            | 83.5               | 0.0                    |
| 4525.140                                                                                                                                                 | 22.3             | 0.0                           | 0.0          | 32.4                        | 1.9        | 0.0                       | H                        |                                             | 0.0                      | 56.6            | 83.5               | -26.9                  |
| 4539.909                                                                                                                                                 | 22.1             | 0.0                           | 0.0          | 32.5                        | 1.9        | 0.0                       | V                        |                                             | 0.0                      | 56.5            | 83.5               | -27.0                  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df2.06<br>08/16/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 8/21/02 14:37           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30       |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              |                 |            |                           |                          |                                             |                          |                   |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Low channel, corner mount antenna, 6 Mbps data rate                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting radio b                                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                 |                    | 94                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| <div style="text-align: right;">Tested By: _____</div>                                                                                                   |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 5269.544                                                                                                                                                 | 65.3             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 101.3             | 83.5               | 17.8                        |  |
| 5260.434                                                                                                                                                 | 51.2             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 87.2              | 83.5               | 3.7                         |  |
| 5264.270                                                                                                                                                 | 51.1             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 87.1              | 83.5               | 3.6                         |  |
| 4855.152                                                                                                                                                 | 22.0             | 0.0                           | 0.0          | 32.9            | 2.0        | 0.0                       | H                        |                                             | 0.0                      | 56.9              | 83.5               | -26.6                       |  |
| 4552.132                                                                                                                                                 | 22.3             | 0.0                           | 0.0          | 32.5            | 1.9        | 0.0                       | H                        |                                             | 0.0                      | 56.7              | 83.5               | -26.8                       |  |
| 4559.771                                                                                                                                                 | 22.1             | 0.0                           | 0.0          | 32.5            | 1.9        | 0.0                       | V                        |                                             | 0.0                      | 56.5              | 83.5               | -27.0                       |  |

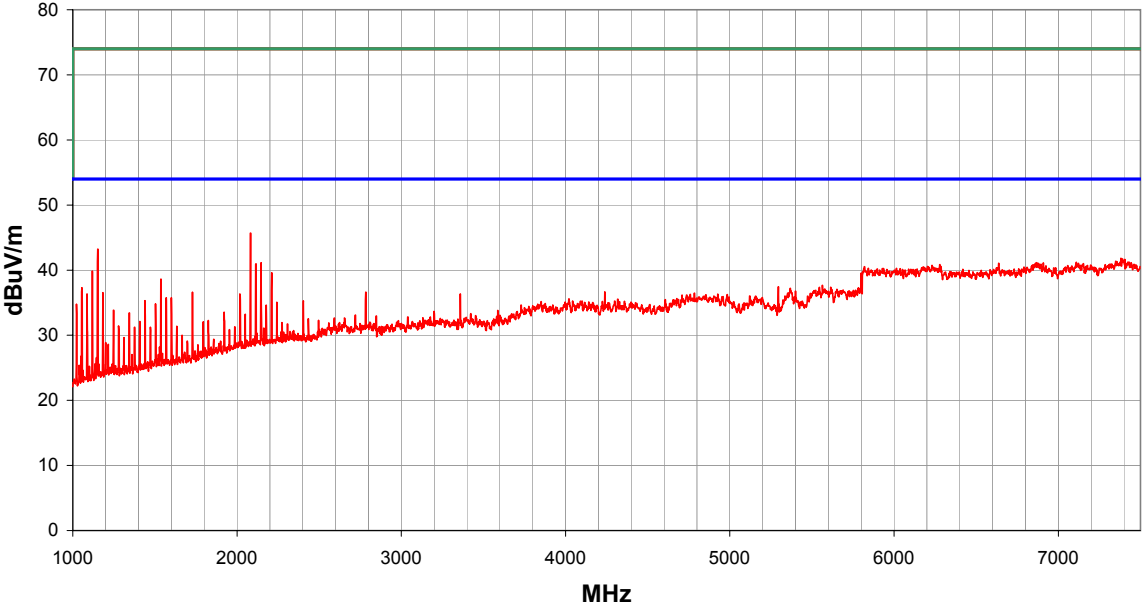
|                                                                                                                                                          |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------|--------------|-----------------------------|------------|---------------------------|---------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|------------------------|
| NORTHWEST<br><b>EMC</b>                                                                                                                                  |                  | <b>RADIATED EMISSIONS DATA SHEET</b> |              | REV<br>df2.06<br>08/16/2002 |            |                           |                           |                                             |                          |                 |                    |                        |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0024                 |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Serial Number:                                                                                                                                           |                  | Date: 8/21/02 14:46                  |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Attendees: None                                                                                                                                          |                  | Humidity: 38%                        |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30              |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net                 |              | Job Site: EV01              |            |                           |                           |                                             |                          |                 |                    |                        |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR                  |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                           |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| COMMENTS                                                                                                                                                 |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Low channel, integral antenna, 6 Mbps data rate.                                                                                                         |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| EUT OPERATING MODES                                                                                                                                      |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Transmitting radio a                                                                                                                                     |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| No deviations.                                                                                                                                           |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| RESULTS                                                                                                                                                  |                  |                                      |              | Test Distance (m)           | Run #      |                           |                           |                                             |                          |                 |                    |                        |
| Evaluation                                                                                                                                               |                  |                                      |              | 1                           | 95         |                           |                           |                                             |                          |                 |                    |                        |
| Other                                                                                                                                                    |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Tested By: _____                                                                                                                                         |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  |                                      |              |                             |            |                           |                           |                                             |                          |                 |                    |                        |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                          | Chamber (dB) | Transducer (dB)             | Cable (dB) | External Attenuation (dB) | Polarity/ Transducer Type | Detector (blank equal peaks (PK) from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) |
| 5185.633                                                                                                                                                 | 65.0             | 0.0                                  | 0.0          | 33.7                        | 2.1        | 0.0                       | V                         |                                             | 0.0                      | 100.7           | 83.5               | 17.2                   |
| 5184.194                                                                                                                                                 | 53.6             | 0.0                                  | 0.0          | 33.7                        | 2.1        | 0.0                       | H                         |                                             | 0.0                      | 89.3            | 83.5               | 5.8                    |
| 5347.701                                                                                                                                                 | 22.4             | 0.0                                  | 0.0          | 34.1                        | 2.1        | 0.0                       | H                         |                                             | 0.0                      | 58.7            | 83.5               | -24.8                  |
| 5369.758                                                                                                                                                 | 22.3             | 0.0                                  | 0.0          | 34.2                        | 2.1        | 0.0                       | V                         |                                             | 0.0                      | 58.7            | 83.5               | -24.8                  |
| 4838.855                                                                                                                                                 | 22.6             | 0.0                                  | 0.0          | 32.9                        | 2.0        | 0.0                       | V                         |                                             | 0.0                      | 57.4            | 83.5               | -26.1                  |
| 4848.022                                                                                                                                                 | 22.1             | 0.0                                  | 0.0          | 32.9                        | 2.0        | 0.0                       | H                         |                                             | 0.0                      | 57.0            | 83.5               | -26.5                  |
| 4536.344                                                                                                                                                 | 22.2             | 0.0                                  | 0.0          | 32.5                        | 1.9        | 0.0                       | H                         |                                             | 0.0                      | 56.5            | 83.5               | -27.0                  |
| 4560.790                                                                                                                                                 | 22.0             | 0.0                                  | 0.0          | 32.5                        | 1.9        | 0.0                       | V                         |                                             | 0.0                      | 56.4            | 83.5               | -27.1                  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          | Work Order: INMC0045                        |                          |                               |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          | Date: 10/05/02                              |                          |                               |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          | Temperature: 70                             |                          |                               |                    |                        |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |            |                           |                          | Humidity: 45%                               |                          |                               |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          | Barometric Pressure: 30.19                  |                          |                               |                    |                        |  |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  |             |              |                 |            | Power: DC from E-net      |                          | Job Site: EV01                              |                          |                               |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  |             |              |                 |            |                           |                          | Year: 2000                                  |                          |                               |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          | Year: 1992                                  |                          |                               |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| High channel, dipole antennas                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          | Test Distance (m)                           |                          | Run #                         |                    |                        |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          | 3                                           |                          | 7                             |                    |                        |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          | Tested By:                                  |                          |                               |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 2081.500                                                                                                                                                 | 44.2             | 32.1        | 0.0          | 29.2            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 43.8                          | 74.0               | -30.2                  |  |                             |  |
| 1153.000                                                                                                                                                 | 49.6             | 33.6        | 0.0          | 25.3            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 43.3                          | 74.0               | -30.7                  |  |                             |  |
| 7384.582                                                                                                                                                 | 31.3             | 32.9        | 0.0          | 37.7            | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 41.9                          | 74.0               | -32.1                  |  |                             |  |
| 5328.583                                                                                                                                                 | 33.6             | 32.1        | 0.0          | 35.6            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 41.9                          | 74.0               | -32.1                  |  |                             |  |
| 7401.584                                                                                                                                                 | 30.9             | 32.9        | 0.0          | 37.7            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 41.6                          | 74.0               | -32.4                  |  |                             |  |
| 7105.750                                                                                                                                                 | 31.3             | 33.1        | 0.0          | 37.3            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 41.4                          | 74.0               | -32.6                  |  |                             |  |
| 6208.047                                                                                                                                                 | 32.0             | 32.6        | 0.0          | 36.5            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 41.4                          | 74.0               | -32.6                  |  |                             |  |
| 6874.523                                                                                                                                                 | 31.7             | 33.0        | 0.0          | 36.9            | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 41.3                          | 74.0               | -32.7                  |  |                             |  |
| 6877.924                                                                                                                                                 | 31.5             | 33.0        | 0.0          | 36.9            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 41.2                          | 74.0               | -32.8                  |  |                             |  |
| 1120.000                                                                                                                                                 | 47.3             | 33.7        | 0.0          | 25.2            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 40.8                          | 74.0               | -33.2                  |  |                             |  |
| 6758.910                                                                                                                                                 | 31.3             | 33.0        | 0.0          | 36.7            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 40.7                          | 74.0               | -33.3                  |  |                             |  |
| 6180.844                                                                                                                                                 | 31.3             | 32.6        | 0.0          | 36.5            | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 40.7                          | 74.0               | -33.3                  |  |                             |  |
| 5895.211                                                                                                                                                 | 31.2             | 32.4        | 0.0          | 36.6            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 40.7                          | 74.0               | -33.3                  |  |                             |  |
| 5932.615                                                                                                                                                 | 31.1             | 32.5        | 0.0          | 36.7            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 40.7                          | 74.0               | -33.3                  |  |                             |  |
| 6701.104                                                                                                                                                 | 31.2             | 32.9        | 0.0          | 36.5            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 40.5                          | 74.0               | -33.5                  |  |                             |  |
| 5314.103                                                                                                                                                 | 32.2             | 32.1        | 0.0          | 35.6            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 40.5                          | 74.0               | -33.5                  |  |                             |  |
| 2146.000                                                                                                                                                 | 40.7             | 32.2        | 0.0          | 29.4            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 40.5                          | 74.0               | -33.5                  |  |                             |  |
| 5800.000                                                                                                                                                 | 30.4             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.7                          | 74.0               | -34.3                  |  |                             |  |
| 2113.000                                                                                                                                                 | 40.0             | 32.1        | 0.0          | 29.3            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 39.7                          | 74.0               | -34.3                  |  |                             |  |
| 5800.000                                                                                                                                                 | 30.1             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.4                          | 74.0               | -34.6                  |  |                             |  |

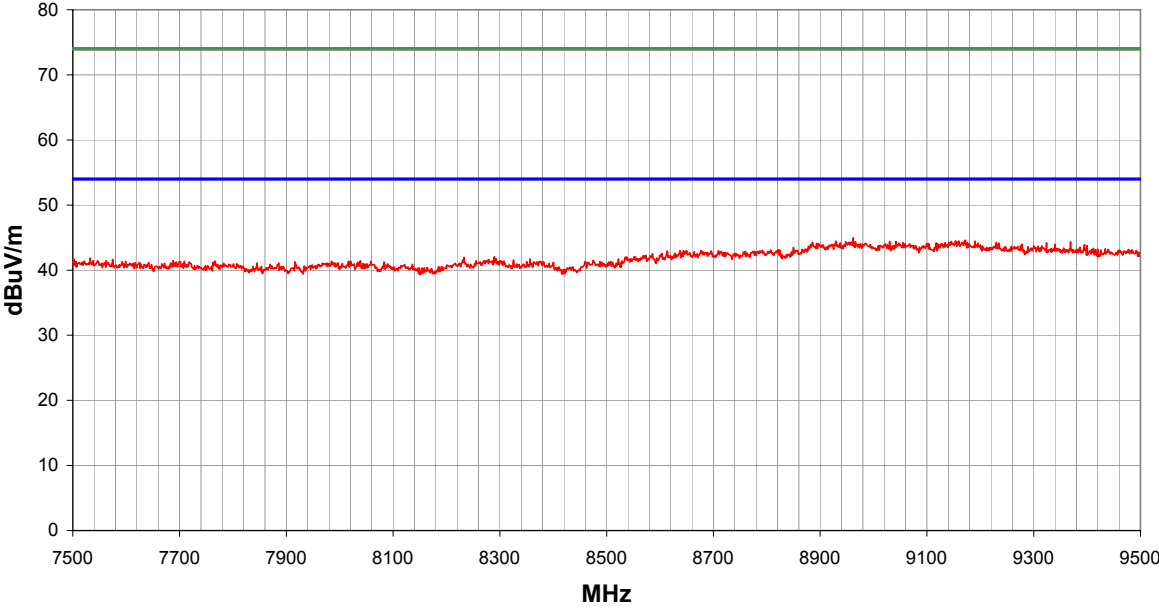
| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df3.01<br>09/20/2002 |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/05/02                |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 70               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 45%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.19    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 1992                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Mid channel, dipole antennas                                                                                                                             |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 3                           |  | 8     |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 2083.000                                                                                                                                                 | 45.0             | 32.1                          | 0.0          | 29.2            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 44.6            | 74.0               | -29.4                       |  |       |  |
| 1151.500                                                                                                                                                 | 50.4             | 33.6                          | 0.0          | 25.3            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 44.1            | 74.0               | -29.9                       |  |       |  |
| 7323.375                                                                                                                                                 | 31.2             | 33.0                          | 0.0          | 37.6            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 41.7            | 74.0               | -32.3                       |  |       |  |
| 7360.779                                                                                                                                                 | 31.1             | 33.0                          | 0.0          | 37.6            | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 41.7            | 74.0               | -32.3                       |  |       |  |
| 7098.949                                                                                                                                                 | 31.3             | 33.1                          | 0.0          | 37.3            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 41.4            | 74.0               | -32.6                       |  |       |  |
| 7112.551                                                                                                                                                 | 31.2             | 33.1                          | 0.0          | 37.3            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 41.3            | 74.0               | -32.7                       |  |       |  |
| 6854.121                                                                                                                                                 | 31.6             | 33.0                          | 0.0          | 36.9            | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 41.2            | 74.0               | -32.8                       |  |       |  |
| 6208.047                                                                                                                                                 | 31.8             | 32.6                          | 0.0          | 36.5            | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 41.2            | 74.0               | -32.8                       |  |       |  |
| 6894.926                                                                                                                                                 | 31.3             | 33.0                          | 0.0          | 37.0            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 41.0            | 74.0               | -33.0                       |  |       |  |
| 6218.248                                                                                                                                                 | 31.6             | 32.6                          | 0.0          | 36.5            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 41.0            | 74.0               | -33.0                       |  |       |  |
| 1118.500                                                                                                                                                 | 47.3             | 33.7                          | 0.0          | 25.2            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 40.8            | 74.0               | -33.2                       |  |       |  |
| 6395.068                                                                                                                                                 | 31.4             | 32.7                          | 0.0          | 36.2            | 5.6        | 0.0                       | H                        |                                             | 0.0                      | 40.5            | 74.0               | -33.5                       |  |       |  |
| 2113.000                                                                                                                                                 | 40.3             | 32.1                          | 0.0          | 29.3            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 40.0            | 74.0               | -34.0                       |  |       |  |
| 5223.600                                                                                                                                                 | 31.8             | 32.0                          | 0.0          | 35.5            | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 39.9            | 74.0               | -34.1                       |  |       |  |
| 5216.359                                                                                                                                                 | 31.7             | 32.0                          | 0.0          | 35.4            | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 39.8            | 74.0               | -34.2                       |  |       |  |
| 2146.000                                                                                                                                                 | 40.0             | 32.2                          | 0.0          | 29.4            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 39.8            | 74.0               | -34.2                       |  |       |  |
| 2083.000                                                                                                                                                 | 40.1             | 32.1                          | 0.0          | 29.2            | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 39.7            | 74.0               | -34.3                       |  |       |  |
| 5803.400                                                                                                                                                 | 30.4             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.7            | 74.0               | -34.3                       |  |       |  |
| 5801.700                                                                                                                                                 | 30.4             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.7            | 74.0               | -34.3                       |  |       |  |
| 5800.000                                                                                                                                                 | 30.2             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.5            | 74.0               | -34.5                       |  |       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df3.01<br>09/20/2002 |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/05/02                |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 70               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 45%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.19    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 1992                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Low channel, dipole antennas                                                                                                                             |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 3                           |  | 9     |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 5180.158                                                                                                                                                 | 46.4             | 32.0                          | 0.0          | 35.4            | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 54.4            | 74.0               | -19.6                       |  |       |  |
| 5181.968                                                                                                                                                 | 42.5             | 32.0                          | 0.0          | 35.4            | 4.7        | 0.0                       | H                        |                                             | 0.0                      | 50.5            | 74.0               | -23.5                       |  |       |  |
| 5191.019                                                                                                                                                 | 38.4             | 32.0                          | 0.0          | 35.4            | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 46.5            | 74.0               | -27.5                       |  |       |  |
| 2083.000                                                                                                                                                 | 44.8             | 32.1                          | 0.0          | 29.2            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 44.4            | 74.0               | -29.6                       |  |       |  |
| 1153.000                                                                                                                                                 | 49.3             | 33.6                          | 0.0          | 25.3            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 43.0            | 74.0               | -31.0                       |  |       |  |
| 6877.924                                                                                                                                                 | 32.3             | 33.0                          | 0.0          | 36.9            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 42.0            | 74.0               | -32.0                       |  |       |  |
| 7398.184                                                                                                                                                 | 31.0             | 32.9                          | 0.0          | 37.7            | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 41.7            | 74.0               | -32.3                       |  |       |  |
| 7391.383                                                                                                                                                 | 31.0             | 32.9                          | 0.0          | 37.7            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 41.6            | 74.0               | -32.4                       |  |       |  |
| 1118.500                                                                                                                                                 | 47.9             | 33.7                          | 0.0          | 25.2            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 41.4            | 74.0               | -32.6                       |  |       |  |
| 7105.750                                                                                                                                                 | 31.2             | 33.1                          | 0.0          | 37.3            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 41.3            | 74.0               | -32.7                       |  |       |  |
| 7136.354                                                                                                                                                 | 31.0             | 33.0                          | 0.0          | 37.4            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 41.2            | 74.0               | -32.8                       |  |       |  |
| 6877.924                                                                                                                                                 | 31.5             | 33.0                          | 0.0          | 36.9            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 41.2            | 74.0               | -32.8                       |  |       |  |
| 6616.094                                                                                                                                                 | 31.9             | 32.9                          | 0.0          | 36.4            | 5.6        | 0.0                       | H                        |                                             | 0.0                      | 41.0            | 74.0               | -33.0                       |  |       |  |
| 6687.502                                                                                                                                                 | 31.6             | 32.9                          | 0.0          | 36.5            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 40.9            | 74.0               | -33.1                       |  |       |  |
| 6255.652                                                                                                                                                 | 31.4             | 32.7                          | 0.0          | 36.4            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 40.7            | 74.0               | -33.3                       |  |       |  |
| 6204.646                                                                                                                                                 | 31.2             | 32.6                          | 0.0          | 36.5            | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 40.6            | 74.0               | -33.4                       |  |       |  |
| 2113.000                                                                                                                                                 | 40.9             | 32.1                          | 0.0          | 29.3            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 40.6            | 74.0               | -33.4                       |  |       |  |
| 2146.000                                                                                                                                                 | 40.4             | 32.2                          | 0.0          | 29.4            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 40.2            | 74.0               | -33.8                       |  |       |  |
| 5800.000                                                                                                                                                 | 30.2             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.5            | 74.0               | -34.5                       |  |       |  |
| 5805.101                                                                                                                                                 | 30.0             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.3            | 74.0               | -34.7                       |  |       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              | REV<br>df3.01<br>09/20/2002 |            |                           |                          |                                             |                          |                 |                    |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|------------------------|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Serial Number:                                                                                                                                           |                  | Date: 10/05/02                |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 70               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Attendees: None                                                                                                                                          |                  | Humidity: 45%                 |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.19    |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              | Job Site: EV01              |            |                           |                          |                                             |                          |                 |                    |                        |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  | Year: 2000                    |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 1992                    |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| COMMENTS                                                                                                                                                 |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Low channel, corner reflector antennas                                                                                                                   |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| No deviations.                                                                                                                                           |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| RESULTS                                                                                                                                                  |                  | Test Distance (m)             |              | Run #                       |            |                           |                          |                                             |                          |                 |                    |                        |
| Evaluation                                                                                                                                               |                  | 3                             |              | 10                          |            |                           |                          |                                             |                          |                 |                    |                        |
| Other                                                                                                                                                    |                  | <div>Tested By:</div>         |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB)             | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) |
| 5263.421                                                                                                                                                 | 42.9             | 32.1                          | 0.0          | 35.5                        | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 51.1            | 74.0               | -22.9                  |
| 5254.371                                                                                                                                                 | 39.5             | 32.1                          | 0.0          | 35.5                        | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 47.7            | 74.0               | -26.3                  |
| 2083.000                                                                                                                                                 | 45.7             | 32.1                          | 0.0          | 29.2                        | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 45.3            | 74.0               | -28.7                  |
| 5270.661                                                                                                                                                 | 36.6             | 32.1                          | 0.0          | 35.5                        | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 44.8            | 74.0               | -29.2                  |
| 1151.500                                                                                                                                                 | 49.5             | 33.6                          | 0.0          | 25.3                        | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 43.2            | 74.0               | -30.8                  |
| 2116.000                                                                                                                                                 | 43.1             | 32.1                          | 0.0          | 29.3                        | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 42.8            | 74.0               | -31.2                  |
| 7428.787                                                                                                                                                 | 31.1             | 32.9                          | 0.0          | 37.7                        | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 41.8            | 74.0               | -32.2                  |
| 7398.184                                                                                                                                                 | 31.0             | 32.9                          | 0.0          | 37.7                        | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 41.7            | 74.0               | -32.3                  |
| 7109.150                                                                                                                                                 | 31.2             | 33.1                          | 0.0          | 37.3                        | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 41.3            | 74.0               | -32.7                  |
| 6877.924                                                                                                                                                 | 31.6             | 33.0                          | 0.0          | 36.9                        | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 41.3            | 74.0               | -32.7                  |
| 6874.523                                                                                                                                                 | 31.6             | 33.0                          | 0.0          | 36.9                        | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 41.2            | 74.0               | -32.8                  |
| 7115.951                                                                                                                                                 | 31.1             | 33.1                          | 0.0          | 37.3                        | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 41.2            | 74.0               | -32.8                  |
| 6172.343                                                                                                                                                 | 31.6             | 32.6                          | 0.0          | 36.6                        | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 41.0            | 74.0               | -33.0                  |
| 2212.000                                                                                                                                                 | 40.9             | 32.3                          | 0.0          | 29.6                        | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 40.8            | 74.0               | -33.2                  |
| 6616.094                                                                                                                                                 | 31.5             | 32.9                          | 0.0          | 36.4                        | 5.6        | 0.0                       | H                        |                                             | 0.0                      | 40.6            | 74.0               | -33.4                  |
| 6639.896                                                                                                                                                 | 31.4             | 32.9                          | 0.0          | 36.4                        | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 40.6            | 74.0               | -33.4                  |
| 6364.465                                                                                                                                                 | 31.4             | 32.7                          | 0.0          | 36.3                        | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 40.5            | 74.0               | -33.5                  |
| 6206.347                                                                                                                                                 | 31.1             | 32.6                          | 0.0          | 36.5                        | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 40.5            | 74.0               | -33.5                  |
| 2146.000                                                                                                                                                 | 40.7             | 32.2                          | 0.0          | 29.4                        | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 40.5            | 74.0               | -33.5                  |
| 1118.500                                                                                                                                                 | 46.8             | 33.7                          | 0.0          | 25.2                        | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 40.3            | 74.0               | -33.7                  |

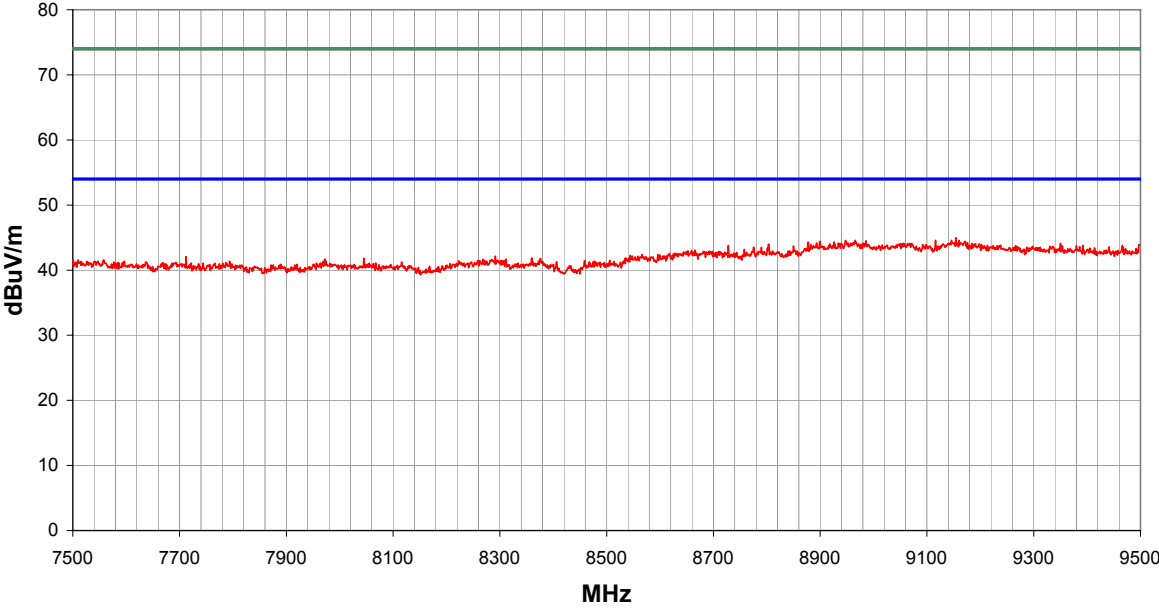
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/05/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 70               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 45%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.19    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              |                 |            |                           | Job Site: EV01           |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000        |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 1992        |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Mid channel, corner reflector antennas                                                                                                                   |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 3                 |                    | 11                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 2083.000                                                                                                                                                 | 46.1             | 32.1                          | 0.0          | 29.2            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 45.7              | 74.0               | -28.3                       |  |
| 1153.000                                                                                                                                                 | 49.5             | 33.6                          | 0.0          | 25.3            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 43.2              | 74.0               | -30.8                       |  |
| 7381.182                                                                                                                                                 | 31.2             | 32.9                          | 0.0          | 37.7            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 41.8              | 74.0               | -32.2                       |  |
| 7350.578                                                                                                                                                 | 30.8             | 33.0                          | 0.0          | 37.6            | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 41.4              | 74.0               | -32.6                       |  |
| 7109.150                                                                                                                                                 | 31.1             | 33.1                          | 0.0          | 37.3            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 41.2              | 74.0               | -32.8                       |  |
| 2146.000                                                                                                                                                 | 41.4             | 32.2                          | 0.0          | 29.4            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 41.2              | 74.0               | -32.8                       |  |
| 6867.723                                                                                                                                                 | 31.5             | 33.0                          | 0.0          | 36.9            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 41.1              | 74.0               | -32.9                       |  |
| 6636.496                                                                                                                                                 | 31.9             | 32.9                          | 0.0          | 36.4            | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 41.1              | 74.0               | -32.9                       |  |
| 6877.924                                                                                                                                                 | 31.4             | 33.0                          | 0.0          | 36.9            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 41.1              | 74.0               | -32.9                       |  |
| 7122.752                                                                                                                                                 | 30.9             | 33.1                          | 0.0          | 37.3            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 41.0              | 74.0               | -33.0                       |  |
| 2116.000                                                                                                                                                 | 41.3             | 32.1                          | 0.0          | 29.3            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 41.0              | 74.0               | -33.0                       |  |
| 6277.755                                                                                                                                                 | 31.6             | 32.7                          | 0.0          | 36.4            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 40.9              | 74.0               | -33.1                       |  |
| 6230.149                                                                                                                                                 | 31.4             | 32.6                          | 0.0          | 36.5            | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 40.7              | 74.0               | -33.3                       |  |
| 1118.500                                                                                                                                                 | 46.4             | 33.7                          | 0.0          | 25.2            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 39.9              | 74.0               | -34.1                       |  |
| 2212.000                                                                                                                                                 | 39.7             | 32.3                          | 0.0          | 29.6            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 39.6              | 74.0               | -34.4                       |  |
| 5800.000                                                                                                                                                 | 30.3             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.6              | 74.0               | -34.4                       |  |
| 5805.101                                                                                                                                                 | 29.9             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.2              | 74.0               | -34.8                       |  |
| 5800.000                                                                                                                                                 | 29.9             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.2              | 74.0               | -34.8                       |  |
| 5803.400                                                                                                                                                 | 29.8             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.1              | 74.0               | -34.9                       |  |
| 5801.700                                                                                                                                                 | 29.8             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.1              | 74.0               | -34.9                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df3.01<br>09/20/2002 |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/05/02                |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 70               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 45%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.19    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 1992                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| High channel, corner reflector antennas                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 3                           |  | 12    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 5321.343                                                                                                                                                 | 38.9             | 32.1                          | 0.0          | 35.6            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 47.2            | 74.0               | -26.8                       |  |       |  |
| 5328.583                                                                                                                                                 | 38.5             | 32.1                          | 0.0          | 35.6            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 46.8            | 74.0               | -27.2                       |  |       |  |
| 5326.773                                                                                                                                                 | 37.5             | 32.1                          | 0.0          | 35.6            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 45.8            | 74.0               | -28.2                       |  |       |  |
| 2081.500                                                                                                                                                 | 45.2             | 32.1                          | 0.0          | 29.2            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 44.8            | 74.0               | -29.2                       |  |       |  |
| 1153.000                                                                                                                                                 | 49.5             | 33.6                          | 0.0          | 25.3            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 43.2            | 74.0               | -30.8                       |  |       |  |
| 7370.980                                                                                                                                                 | 31.3             | 33.0                          | 0.0          | 37.6            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 41.9            | 74.0               | -32.1                       |  |       |  |
| 7398.184                                                                                                                                                 | 30.8             | 32.9                          | 0.0          | 37.7            | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 41.5            | 74.0               | -32.5                       |  |       |  |
| 6877.924                                                                                                                                                 | 31.7             | 33.0                          | 0.0          | 36.9            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 41.4            | 74.0               | -32.6                       |  |       |  |
| 6874.523                                                                                                                                                 | 31.5             | 33.0                          | 0.0          | 36.9            | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 41.1            | 74.0               | -32.9                       |  |       |  |
| 6211.447                                                                                                                                                 | 31.6             | 32.6                          | 0.0          | 36.5            | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 41.0            | 74.0               | -33.0                       |  |       |  |
| 6663.699                                                                                                                                                 | 31.7             | 32.9                          | 0.0          | 36.5            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 40.9            | 74.0               | -33.1                       |  |       |  |
| 6197.846                                                                                                                                                 | 31.5             | 32.6                          | 0.0          | 36.5            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 40.9            | 74.0               | -33.1                       |  |       |  |
| 5891.811                                                                                                                                                 | 31.2             | 32.4                          | 0.0          | 36.6            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 40.7            | 74.0               | -33.3                       |  |       |  |
| 2116.000                                                                                                                                                 | 40.8             | 32.1                          | 0.0          | 29.3            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 40.5            | 74.0               | -33.5                       |  |       |  |
| 1118.500                                                                                                                                                 | 46.7             | 33.7                          | 0.0          | 25.2            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 40.2            | 74.0               | -33.8                       |  |       |  |
| 2146.000                                                                                                                                                 | 40.4             | 32.2                          | 0.0          | 29.4            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 40.2            | 74.0               | -33.8                       |  |       |  |
| 2210.500                                                                                                                                                 | 40.0             | 32.3                          | 0.0          | 29.6            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 39.9            | 74.0               | -34.1                       |  |       |  |
| 5803.400                                                                                                                                                 | 30.2             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.5            | 74.0               | -34.5                       |  |       |  |
| 5801.700                                                                                                                                                 | 30.2             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.5            | 74.0               | -34.5                       |  |       |  |
| 5803.400                                                                                                                                                 | 29.9             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.2            | 74.0               | -34.8                       |  |       |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/05/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 70               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 45%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.19    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              |                 |            |                           |                          |                                             |                          |                   |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000        |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 1992        |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| High channel, corner reflector antennas                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 3                 |                    | 13                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 8962.000                                                                                                                                                 | 29.5             | 31.0                          | 0.0          | 40.0            | 6.4        | 0.0                       | V                        |                                             | 0.0                      | 44.9              | 74.0               | -29.1                       |  |
| 9172.000                                                                                                                                                 | 29.4             | 30.9                          | 0.0          | 39.6            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 44.6              | 74.0               | -29.4                       |  |
| 9153.000                                                                                                                                                 | 29.2             | 30.9                          | 0.0          | 39.7            | 6.5        | 0.0                       | H                        |                                             | 0.0                      | 44.5              | 74.0               | -29.5                       |  |
| 9369.000                                                                                                                                                 | 29.7             | 30.9                          | 0.0          | 39.0            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 44.4              | 74.0               | -29.6                       |  |
| 8289.637                                                                                                                                                 | 30.3             | 32.2                          | 0.0          | 37.7            | 6.2        | 0.0                       | H                        |                                             | 0.0                      | 42.0              | 74.0               | -32.0                       |  |
| 8233.090                                                                                                                                                 | 30.4             | 32.3                          | 0.0          | 37.7            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 42.0              | 74.0               | -32.0                       |  |
| 7532.313                                                                                                                                                 | 31.0             | 32.9                          | 0.0          | 37.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.9              | 74.0               | -32.1                       |  |
| 7503.029                                                                                                                                                 | 30.8             | 32.9                          | 0.0          | 37.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 41.7              | 74.0               | -32.3                       |  |
| 7687.816                                                                                                                                                 | 30.6             | 32.8                          | 0.0          | 37.7            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 41.5              | 74.0               | -32.5                       |  |
| 8039.215                                                                                                                                                 | 30.4             | 32.6                          | 0.0          | 37.5            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 41.4              | 74.0               | -32.6                       |  |
| 8058.400                                                                                                                                                 | 30.3             | 32.6                          | 0.0          | 37.5            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 41.4              | 74.0               | -32.6                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/05/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 70               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 45%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.19    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              |                 |            |                           |                          |                                             |                          |                   |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000        |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 1992        |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Mid channel, corner reflector antennas                                                                                                                   |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 3                 |                    | 14                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:        |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 9158.000                                                                                                                                                 | 29.4             | 30.9                          | 0.0          | 39.7            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 44.7              | 74.0               | -29.3                       |  |
| 8936.000                                                                                                                                                 | 29.2             | 31.0                          | 0.0          | 39.9            | 6.4        | 0.0                       | H                        |                                             | 0.0                      | 44.5              | 74.0               | -29.5                       |  |
| 8297.715                                                                                                                                                 | 30.6             | 32.2                          | 0.0          | 37.7            | 6.2        | 0.0                       | H                        |                                             | 0.0                      | 42.4              | 74.0               | -31.6                       |  |
| 8293.676                                                                                                                                                 | 30.3             | 32.2                          | 0.0          | 37.7            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 42.1              | 74.0               | -31.9                       |  |
| 7552.508                                                                                                                                                 | 31.1             | 32.9                          | 0.0          | 37.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 42.0              | 74.0               | -32.0                       |  |
| 8017.000                                                                                                                                                 | 31.0             | 32.7                          | 0.0          | 37.5            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 41.9              | 74.0               | -32.1                       |  |
| 7541.400                                                                                                                                                 | 30.8             | 32.9                          | 0.0          | 37.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.7              | 74.0               | -32.3                       |  |
| 7685.797                                                                                                                                                 | 30.7             | 32.8                          | 0.0          | 37.7            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.6              | 74.0               | -32.4                       |  |
| 7990.746                                                                                                                                                 | 30.6             | 32.7                          | 0.0          | 37.5            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 41.5              | 74.0               | -32.5                       |  |
| 7837.262                                                                                                                                                 | 30.5             | 32.8                          | 0.0          | 37.6            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 41.4              | 74.0               | -32.6                       |  |

|                                                                                                                                                          |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
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| NORTHWEST<br><b>EMC</b>                                                                                                                                  |                  | <b>RADIATED EMISSIONS DATA SHEET</b> |              |                   |            | REV<br>df3.01<br>09/20/2002 |                          |                                             |                          |                 |                    |                        |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045                 |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Serial Number:                                                                                                                                           |                  | Date: 10/05/02                       |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 70                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Attendees: None                                                                                                                                          |                  | Humidity: 45%                        |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure 30.19            |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net                 |              | Job Site: EV01    |            |                             |                          |                                             |                          |                 |                    |                        |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  |                                      |              | Year: 2000        |            |                             |                          |                                             |                          |                 |                    |                        |
| Method: ANSI C63.4                                                                                                                                       |                  |                                      |              | Year: 1992        |            |                             |                          |                                             |                          |                 |                    |                        |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| COMMENTS                                                                                                                                                 |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Low channel, corner reflector antennas                                                                                                                   |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| EUT OPERATING MODES                                                                                                                                      |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Transmitting on both radios                                                                                                                              |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| No deviations.                                                                                                                                           |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| RESULTS                                                                                                                                                  |                  |                                      |              | Test Distance (m) |            | Run #                       |                          |                                             |                          |                 |                    |                        |
| Evaluation                                                                                                                                               |                  |                                      |              | 3                 |            | 15                          |                          |                                             |                          |                 |                    |                        |
| Other                                                                                                                                                    |                  |                                      |              | Tested By:        |            |                             |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                          | Chamber (dB) | Transducer (dB)   | Cable (dB) | External Attenuation (dB)   | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) |
| 8968.000                                                                                                                                                 | 29.5             | 31.0                                 | 0.0          | 40.1              | 6.4        | 0.0                         | V                        |                                             | 0.0                      | 45.0            | 74.0               | -29.0                  |
| 8952.000                                                                                                                                                 | 29.2             | 31.0                                 | 0.0          | 40.0              | 6.4        | 0.0                         | H                        |                                             | 0.0                      | 44.6            | 74.0               | -29.4                  |
| 8265.402                                                                                                                                                 | 30.2             | 32.2                                 | 0.0          | 37.7              | 6.2        | 0.0                         | V                        |                                             | 0.0                      | 41.9            | 74.0               | -32.1                  |
| 7500.000                                                                                                                                                 | 30.9             | 32.9                                 | 0.0          | 37.8              | 5.9        | 0.0                         | H                        |                                             | 0.0                      | 41.7            | 74.0               | -32.3                  |
| 8231.070                                                                                                                                                 | 30.1             | 32.3                                 | 0.0          | 37.7              | 6.2        | 0.0                         | H                        |                                             | 0.0                      | 41.7            | 74.0               | -32.3                  |
| 7544.430                                                                                                                                                 | 30.7             | 32.9                                 | 0.0          | 37.8              | 6.0        | 0.0                         | V                        |                                             | 0.0                      | 41.6            | 74.0               | -32.4                  |
| 7984.688                                                                                                                                                 | 30.5             | 32.7                                 | 0.0          | 37.5              | 6.1        | 0.0                         | H                        |                                             | 0.0                      | 41.4            | 74.0               | -32.6                  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/05/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 70               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 45%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure 30.19     |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              | Job Site: EV01  |            |                           |                          |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 1992                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Low channel, dipole antennas                                                                                                                             |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 3                 |                    | 16                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 9154.000                                                                                                                                                 | 29.7             | 30.9                          | 0.0          | 39.7            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 45.0              | 74.0               | -29.0                       |  |
| 9116.000                                                                                                                                                 | 29.2             | 30.9                          | 0.0          | 39.8            | 6.4        | 0.0                       | H                        |                                             | 0.0                      | 44.6              | 74.0               | -29.4                       |  |
| 8804.000                                                                                                                                                 | 29.6             | 31.3                          | 0.0          | 39.3            | 6.3        | 0.0                       | V                        |                                             | 0.0                      | 44.0              | 74.0               | -30.0                       |  |
| 8728.000                                                                                                                                                 | 29.9             | 31.4                          | 0.0          | 38.9            | 6.3        | 0.0                       | H                        |                                             | 0.0                      | 43.8              | 74.0               | -30.2                       |  |
| 8291.656                                                                                                                                                 | 30.4             | 32.2                          | 0.0          | 37.7            | 6.2        | 0.0                       | H                        |                                             | 0.0                      | 42.1              | 74.0               | -31.9                       |  |
| 7712.051                                                                                                                                                 | 31.2             | 32.8                          | 0.0          | 37.7            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 42.1              | 74.0               | -31.9                       |  |
| 8045.273                                                                                                                                                 | 30.8             | 32.6                          | 0.0          | 37.5            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 41.8              | 74.0               | -32.2                       |  |
| 8311.852                                                                                                                                                 | 29.9             | 32.1                          | 0.0          | 37.7            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 41.7              | 74.0               | -32.3                       |  |
| 7558.566                                                                                                                                                 | 30.7             | 32.9                          | 0.0          | 37.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.6              | 74.0               | -32.4                       |  |
| 7974.590                                                                                                                                                 | 30.5             | 32.7                          | 0.0          | 37.5            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 41.4              | 74.0               | -32.6                       |  |
| 7596.938                                                                                                                                                 | 30.5             | 32.9                          | 0.0          | 37.7            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 41.4              | 74.0               | -32.6                       |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/05/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 70               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 45%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure 30.19     |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              | Job Site: EV01  |            |                           |                          |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 1992                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Mid channel, dipole antennas                                                                                                                             |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 3                 |                    | 17                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 9154.000                                                                                                                                                 | 29.6             | 30.9                          | 0.0          | 39.7            | 6.5        | 0.0                       | H                        |                                             | 0.0                      | 44.9              | 74.0               | -29.1                       |  |
| 9152.000                                                                                                                                                 | 29.3             | 30.9                          | 0.0          | 39.7            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 44.6              | 74.0               | -29.4                       |  |
| 8648.000                                                                                                                                                 | 30.5             | 31.5                          | 0.0          | 38.6            | 6.3        | 0.0                       | H                        |                                             | 0.0                      | 43.8              | 74.0               | -30.2                       |  |
| 7974.590                                                                                                                                                 | 31.5             | 32.7                          | 0.0          | 37.5            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 42.4              | 74.0               | -31.6                       |  |
| 8261.363                                                                                                                                                 | 30.6             | 32.2                          | 0.0          | 37.7            | 6.2        | 0.0                       | H                        |                                             | 0.0                      | 42.3              | 74.0               | -31.7                       |  |
| 7546.449                                                                                                                                                 | 31.0             | 32.9                          | 0.0          | 37.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.9              | 74.0               | -32.1                       |  |
| 7992.766                                                                                                                                                 | 30.7             | 32.7                          | 0.0          | 37.5            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 41.6              | 74.0               | -32.4                       |  |
| 8378.496                                                                                                                                                 | 29.6             | 32.0                          | 0.0          | 37.8            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 41.6              | 74.0               | -32.4                       |  |
| 7766.578                                                                                                                                                 | 30.7             | 32.8                          | 0.0          | 37.6            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 41.6              | 74.0               | -32.4                       |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/05/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 70               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 45%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure 30.19     |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC from E-net          |              | Job Site: EV01  |            |                           |                          |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC Part 15.209(a)                                                                                                                        |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 1992                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| High channel, dipole antennas                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 3                 |                    | 18                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 9154.000                                                                                                                                                 | 29.6             | 30.9                          | 0.0          | 39.7            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 44.9              | 74.0               | -29.1                       |  |
| 9172.000                                                                                                                                                 | 29.5             | 30.9                          | 0.0          | 39.6            | 6.5        | 0.0                       | H                        |                                             | 0.0                      | 44.7              | 74.0               | -29.3                       |  |
| 9049.000                                                                                                                                                 | 29.1             | 30.9                          | 0.0          | 40.0            | 6.4        | 0.0                       | V                        |                                             | 0.0                      | 44.7              | 74.0               | -29.3                       |  |
| 8642.000                                                                                                                                                 | 30.2             | 31.5                          | 0.0          | 38.6            | 6.3        | 0.0                       | H                        |                                             | 0.0                      | 43.5              | 74.0               | -30.5                       |  |
| 8366.379                                                                                                                                                 | 30.2             | 32.0                          | 0.0          | 37.8            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 42.2              | 74.0               | -31.8                       |  |
| 7645.406                                                                                                                                                 | 31.0             | 32.8                          | 0.0          | 37.7            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.9              | 74.0               | -32.1                       |  |
| 7720.129                                                                                                                                                 | 30.9             | 32.8                          | 0.0          | 37.7            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.8              | 74.0               | -32.2                       |  |
| 7693.875                                                                                                                                                 | 30.9             | 32.8                          | 0.0          | 37.7            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 41.8              | 74.0               | -32.2                       |  |
| 8283.578                                                                                                                                                 | 30.0             | 32.2                          | 0.0          | 37.7            | 6.2        | 0.0                       | H                        |                                             | 0.0                      | 41.7              | 74.0               | -32.3                       |  |
| 7986.707                                                                                                                                                 | 30.8             | 32.7                          | 0.0          | 37.5            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 41.7              | 74.0               | -32.3                       |  |
| 7786.773                                                                                                                                                 | 30.8             | 32.8                          | 0.0          | 37.6            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.7              | 74.0               | -32.3                       |  |
| 7547.459                                                                                                                                                 | 30.7             | 32.9                          | 0.0          | 37.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 41.6              | 74.0               | -32.4                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          | Work Order: INMC0045                        |                          |                               |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          | Date: 10/06/02                              |                          |                               |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          | Temperature: 68                             |                          |                               |                    |                        |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |            |                           |                          | Humidity: 46%                               |                          |                               |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          | Barometric Pressure: 30.41                  |                          |                               |                    |                        |  |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  |             |              |                 |            | Power: DC from E-net      |                          | Job Site: EV01                              |                          |                               |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |            |                           |                          | Year: Current 47CFR                         |                          |                               |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          | Year: 2000                                  |                          |                               |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| High channel, dipole antennas                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          | Test Distance (m)                           |                          | Run #                         |                    |                        |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          | 1                                           |                          | 19                            |                    |                        |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          | Tested By:                                  |                          |                               |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 5323.727                                                                                                                                                 | 67.0             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 103.2                         | 83.5               | 19.7                   |  |                             |  |
| 5324.686                                                                                                                                                 | 52.4             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 88.6                          | 83.5               | 5.1                    |  |                             |  |
| 5322.768                                                                                                                                                 | 52.3             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 88.5                          | 83.5               | 5.0                    |  |                             |  |
| 5318.452                                                                                                                                                 | 51.8             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 88.0                          | 83.5               | 4.5                    |  |                             |  |
| 5329.480                                                                                                                                                 | 48.0             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 84.2                          | 83.5               | 0.7                    |  |                             |  |
| 5331.398                                                                                                                                                 | 44.8             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 81.0                          | 83.5               | -2.5                   |  |                             |  |
| 5309.821                                                                                                                                                 | 44.0             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 80.2                          | 83.5               | -3.3                   |  |                             |  |
| 5320.850                                                                                                                                                 | 42.7             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 78.9                          | 83.5               | -4.6                   |  |                             |  |
| 5327.563                                                                                                                                                 | 42.0             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 78.2                          | 83.5               | -5.3                   |  |                             |  |
| 5337.632                                                                                                                                                 | 41.4             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 77.6                          | 83.5               | -5.9                   |  |                             |  |
| 4824.086                                                                                                                                                 | 22.3             | 0.0         | 0.0          | 32.9            | 2.0        | 0.0                       | H                        |                                             | 0.0                      | 57.1                          | 83.5               | -26.4                  |  |                             |  |
| 4582.688                                                                                                                                                 | 22.2             | 0.0         | 0.0          | 32.5            | 1.9        | 0.0                       | H                        |                                             | 0.0                      | 56.6                          | 83.5               | -26.9                  |  |                             |  |
| 4569.447                                                                                                                                                 | 22.2             | 0.0         | 0.0          | 32.5            | 1.9        | 0.0                       | V                        |                                             | 0.0                      | 56.6                          | 83.5               | -26.9                  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          | Work Order: INMC0045                        |                          |                               |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          | Date: 10/06/02                              |                          |                               |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          | Temperature: 68                             |                          |                               |                    |                        |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |            |                           |                          | Humidity: 46%                               |                          |                               |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          | Barometric Pressure: 30.41                  |                          |                               |                    |                        |  |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  |             |              |                 |            | Power: DC from E-net      |                          | Job Site: EV01                              |                          |                               |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |            |                           |                          | Year: Current 47CFR                         |                          |                               |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          | Year: 2000                                  |                          |                               |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Mid channel, dipole antennas                                                                                                                             |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          | Test Distance (m)                           |                          | Run #                         |                    |                        |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          | 1                                           |                          | 20                            |                    |                        |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          | Tested By:                                  |                          |                               |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 5225.910                                                                                                                                                 | 65.3             | 0.0         | 0.0          | 33.8            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 101.2                         | 83.5               | 17.7                   |  |                             |  |
| 5227.828                                                                                                                                                 | 51.9             | 0.0         | 0.0          | 33.8            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 87.8                          | 83.5               | 4.3                    |  |                             |  |
| 5216.800                                                                                                                                                 | 49.0             | 0.0         | 0.0          | 33.8            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 84.8                          | 83.5               | 1.3                    |  |                             |  |
| 5234.062                                                                                                                                                 | 45.5             | 0.0         | 0.0          | 33.8            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 81.4                          | 83.5               | -2.1                   |  |                             |  |
| 5217.759                                                                                                                                                 | 41.8             | 0.0         | 0.0          | 33.8            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 77.6                          | 83.5               | -5.9                   |  |                             |  |
| 5228.787                                                                                                                                                 | 35.5             | 0.0         | 0.0          | 33.8            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 71.4                          | 83.5               | -12.1                  |  |                             |  |
| 5230.705                                                                                                                                                 | 32.8             | 0.0         | 0.0          | 33.8            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 68.7                          | 83.5               | -14.8                  |  |                             |  |
| 5220.636                                                                                                                                                 | 32.7             | 0.0         | 0.0          | 33.8            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 68.6                          | 83.5               | -14.9                  |  |                             |  |
| 5209.128                                                                                                                                                 | 27.3             | 0.0         | 0.0          | 33.7            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 63.1                          | 83.5               | -20.4                  |  |                             |  |
| 5350.578                                                                                                                                                 | 23.2             | 0.0         | 0.0          | 34.2            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 59.5                          | 83.5               | -24.0                  |  |                             |  |
| 5395.171                                                                                                                                                 | 22.4             | 0.0         | 0.0          | 34.3            | 2.2        | 0.0                       | H                        |                                             | 0.0                      | 58.8                          | 83.5               | -24.7                  |  |                             |  |
| 4850.059                                                                                                                                                 | 22.7             | 0.0         | 0.0          | 32.9            | 2.0        | 0.0                       | H                        |                                             | 0.0                      | 57.6                          | 83.5               | -25.9                  |  |                             |  |
| 4855.661                                                                                                                                                 | 22.1             | 0.0         | 0.0          | 32.9            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 57.0                          | 83.5               | -26.5                  |  |                             |  |
| 4578.105                                                                                                                                                 | 22.3             | 0.0         | 0.0          | 32.5            | 1.9        | 0.0                       | H                        |                                             | 0.0                      | 56.7                          | 83.5               | -26.8                  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |                      |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|----------------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |                      |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |                      |                           |                          |                                             |                          | Date: 10/06/02                |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |                      |                           |                          |                                             |                          | Temperature: 68               |                    |                        |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |                      |                           |                          |                                             |                          | Humidity: 46%                 |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |                      |                           |                          |                                             |                          | Barometric Pressure: 30.41    |                    |                        |  |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  |             |              |                 | Power: DC from E-net |                           |                          |                                             |                          | Job Site: EV01                |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |                      |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |                      |                           |                          |                                             |                          | Year: Current 47CFR           |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |                      |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |                      |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |                      |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |                      |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |                      |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Low channel, dipole antennas                                                                                                                             |                  |             |              |                 |                      |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |                      |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |                      |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |                      |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |                      |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |                      |                           |                          |                                             |                          | Test Distance (m)             |                    | Run #                  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |                      |                           |                          |                                             |                          | 1                             |                    | 21                     |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |                      |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |                      |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB)           | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 5186.592                                                                                                                                                 | 65.3             | 0.0         | 0.0          | 33.7            | 2.1                  | 0.0                       | V                        |                                             | 0.0                      | 101.0                         | 83.5               | 17.5                   |  |                             |  |
| 5188.030                                                                                                                                                 | 53.2             | 0.0         | 0.0          | 33.7            | 2.1                  | 0.0                       | H                        |                                             | 0.0                      | 88.9                          | 83.5               | 5.4                    |  |                             |  |
| 5171.728                                                                                                                                                 | 47.5             | 0.0         | 0.0          | 33.6            | 2.1                  | 0.0                       | V                        |                                             | 0.0                      | 83.2                          | 83.5               | -0.3                   |  |                             |  |
| 5195.223                                                                                                                                                 | 47.1             | 0.0         | 0.0          | 33.7            | 2.1                  | 0.0                       | V                        |                                             | 0.0                      | 82.9                          | 83.5               | -0.6                   |  |                             |  |
| 5177.961                                                                                                                                                 | 47.1             | 0.0         | 0.0          | 33.6            | 2.1                  | 0.0                       | H                        |                                             | 0.0                      | 82.8                          | 83.5               | -0.7                   |  |                             |  |
| 5185.153                                                                                                                                                 | 42.0             | 0.0         | 0.0          | 33.7            | 2.1                  | 0.0                       | H                        |                                             | 0.0                      | 77.7                          | 83.5               | -5.8                   |  |                             |  |
| 5180.838                                                                                                                                                 | 40.9             | 0.0         | 0.0          | 33.6            | 2.1                  | 0.0                       | H                        |                                             | 0.0                      | 76.6                          | 83.5               | -6.9                   |  |                             |  |
| 5181.797                                                                                                                                                 | 39.7             | 0.0         | 0.0          | 33.6            | 2.1                  | 0.0                       | H                        |                                             | 0.0                      | 75.4                          | 83.5               | -8.1                   |  |                             |  |
| 5169.810                                                                                                                                                 | 33.1             | 0.0         | 0.0          | 33.6            | 2.1                  | 0.0                       | H                        |                                             | 0.0                      | 68.8                          | 83.5               | -14.7                  |  |                             |  |
| 5176.522                                                                                                                                                 | 30.5             | 0.0         | 0.0          | 33.6            | 2.1                  | 0.0                       | H                        |                                             | 0.0                      | 66.2                          | 83.5               | -17.3                  |  |                             |  |
| 5208.169                                                                                                                                                 | 27.2             | 0.0         | 0.0          | 33.7            | 2.1                  | 0.0                       | V                        |                                             | 0.0                      | 63.0                          | 83.5               | -20.5                  |  |                             |  |
| 5352.976                                                                                                                                                 | 23.5             | 0.0         | 0.0          | 34.2            | 2.1                  | 0.0                       | V                        |                                             | 0.0                      | 59.8                          | 83.5               | -23.7                  |  |                             |  |
| 5150.630                                                                                                                                                 | 23.4             | 0.0         | 0.0          | 33.6            | 2.1                  | 0.0                       | V                        |                                             | 0.0                      | 59.0                          | 83.5               | -24.5                  |  |                             |  |
| 5356.332                                                                                                                                                 | 22.7             | 0.0         | 0.0          | 34.2            | 2.1                  | 0.0                       | H                        |                                             | 0.0                      | 59.0                          | 83.5               | -24.5                  |  |                             |  |
| 5172.207                                                                                                                                                 | 22.9             | 0.0         | 0.0          | 33.6            | 2.1                  | 0.0                       | H                        |                                             | 0.0                      | 58.6                          | 83.5               | -24.9                  |  |                             |  |
| 5046.101                                                                                                                                                 | 22.5             | 0.0         | 0.0          | 33.2            | 2.0                  | 0.0                       | H                        |                                             | 0.0                      | 57.8                          | 83.5               | -25.7                  |  |                             |  |
| 4540.418                                                                                                                                                 | 22.5             | 0.0         | 0.0          | 32.5            | 1.9                  | 0.0                       | H                        |                                             | 0.0                      | 56.9                          | 83.5               | -26.6                  |  |                             |  |
| 4547.548                                                                                                                                                 | 22.3             | 0.0         | 0.0          | 32.5            | 1.9                  | 0.0                       | V                        |                                             | 0.0                      | 56.7                          | 83.5               | -26.8                  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |                            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|----------------------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 | Work Order: INMC0045       |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 | Date: 10/06/02             |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 | Temperature: 68            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 | Humidity: 46%              |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 | Barometric Pressure: 30.41 |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  |             |              |                 | Power: DC from E-net       |                           |                          |                                             |                          | Job Site: EV01                |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 | Year: Current 47CFR        |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 | Year: 2000                 |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Low channel, corner reflector antennas                                                                                                                   |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |                            |                           |                          |                                             |                          | Test Distance (m)             |                    | Run #                  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |                            |                           |                          |                                             |                          | 1                             |                    | 22                     |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |                            |                           |                          |                                             |                          | Tested By: _____              |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB)                 | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 5258.516                                                                                                                                                 | 64.4             | 0.0         | 0.0          | 33.9            | 2.1                        | 0.0                       | V                        |                                             | 0.0                      | 100.4                         | 83.5               | 16.9                   |  |                             |  |
| 5263.790                                                                                                                                                 | 63.7             | 0.0         | 0.0          | 33.9            | 2.1                        | 0.0                       | V                        |                                             | 0.0                      | 99.7                          | 83.5               | 16.2                   |  |                             |  |
| 5264.270                                                                                                                                                 | 46.9             | 0.0         | 0.0          | 33.9            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 82.9                          | 83.5               | -0.6                   |  |                             |  |
| 5257.557                                                                                                                                                 | 42.4             | 0.0         | 0.0          | 33.9            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 78.4                          | 83.5               | -5.1                   |  |                             |  |
| 5271.462                                                                                                                                                 | 38.4             | 0.0         | 0.0          | 33.9            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 74.4                          | 83.5               | -9.1                   |  |                             |  |
| 5266.188                                                                                                                                                 | 37.3             | 0.0         | 0.0          | 33.9            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 73.3                          | 83.5               | -10.2                  |  |                             |  |
| 5268.105                                                                                                                                                 | 32.8             | 0.0         | 0.0          | 33.9            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 68.8                          | 83.5               | -14.7                  |  |                             |  |
| 5260.913                                                                                                                                                 | 32.2             | 0.0         | 0.0          | 33.9            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 68.2                          | 83.5               | -15.3                  |  |                             |  |
| 5362.565                                                                                                                                                 | 22.4             | 0.0         | 0.0          | 34.2            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 58.7                          | 83.5               | -24.8                  |  |                             |  |
| 4856.680                                                                                                                                                 | 22.2             | 0.0         | 0.0          | 32.9            | 2.0                        | 0.0                       | H                        |                                             | 0.0                      | 57.1                          | 83.5               | -26.4                  |  |                             |  |
| 4847.003                                                                                                                                                 | 22.2             | 0.0         | 0.0          | 32.9            | 2.0                        | 0.0                       | V                        |                                             | 0.0                      | 57.1                          | 83.5               | -26.4                  |  |                             |  |
| 4530.742                                                                                                                                                 | 22.4             | 0.0         | 0.0          | 32.4            | 1.9                        | 0.0                       | V                        |                                             | 0.0                      | 56.7                          | 83.5               | -26.8                  |  |                             |  |
| 4491.019                                                                                                                                                 | 22.4             | 0.0         | 0.0          | 32.4            | 1.9                        | 0.0                       | H                        |                                             | 0.0                      | 56.7                          | 83.5               | -26.8                  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |                            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|----------------------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 | Work Order: INMC0045       |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 | Date: 10/06/02             |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 | Temperature: 68            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 | Humidity: 46%              |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 | Barometric Pressure: 30.41 |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  |             |              |                 | Power: DC from E-net       |                           |                          |                                             |                          | Job Site: EV01                |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 | Year: Current 47CFR        |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 | Year: 2000                 |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Mid channel, corner reflector antennas                                                                                                                   |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |                            |                           |                          |                                             |                          | Test Distance (m)             |                    | Run #                  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |                            |                           |                          |                                             |                          | 1                             |                    | 23                     |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |                            |                           |                          |                                             |                          | Tested By: _____              |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB)                 | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 5299.752                                                                                                                                                 | 63.5             | 0.0         | 0.0          | 34.0            | 2.1                        | 0.0                       | V                        |                                             | 0.0                      | 99.6                          | 83.5               | 16.1                   |  |                             |  |
| 5297.354                                                                                                                                                 | 47.5             | 0.0         | 0.0          | 34.0            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 83.6                          | 83.5               | 0.1                    |  |                             |  |
| 5302.629                                                                                                                                                 | 46.8             | 0.0         | 0.0          | 34.0            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 82.9                          | 83.5               | -0.6                   |  |                             |  |
| 5300.711                                                                                                                                                 | 38.5             | 0.0         | 0.0          | 34.0            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 74.6                          | 83.5               | -8.9                   |  |                             |  |
| 5309.342                                                                                                                                                 | 38.2             | 0.0         | 0.0          | 34.0            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 74.4                          | 83.5               | -9.1                   |  |                             |  |
| 5306.465                                                                                                                                                 | 34.5             | 0.0         | 0.0          | 34.0            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 70.6                          | 83.5               | -12.9                  |  |                             |  |
| 5304.067                                                                                                                                                 | 25.2             | 0.0         | 0.0          | 34.0            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 61.3                          | 83.5               | -22.2                  |  |                             |  |
| 5295.916                                                                                                                                                 | 24.4             | 0.0         | 0.0          | 34.0            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 60.5                          | 83.5               | -23.0                  |  |                             |  |
| 5286.326                                                                                                                                                 | 23.8             | 0.0         | 0.0          | 34.0            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 59.9                          | 83.5               | -23.6                  |  |                             |  |
| 5359.209                                                                                                                                                 | 22.8             | 0.0         | 0.0          | 34.2            | 2.1                        | 0.0                       | H                        |                                             | 0.0                      | 59.1                          | 83.5               | -24.4                  |  |                             |  |
| 4812.882                                                                                                                                                 | 22.2             | 0.0         | 0.0          | 32.8            | 2.0                        | 0.0                       | H                        |                                             | 0.0                      | 57.0                          | 83.5               | -26.5                  |  |                             |  |
| 4540.928                                                                                                                                                 | 22.3             | 0.0         | 0.0          | 32.5            | 1.9                        | 0.0                       | H                        |                                             | 0.0                      | 56.7                          | 83.5               | -26.8                  |  |                             |  |
| 4503.241                                                                                                                                                 | 22.3             | 0.0         | 0.0          | 32.4            | 1.9                        | 0.0                       | V                        |                                             | 0.0                      | 56.6                          | 83.5               | -26.9                  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df3.01<br>09/20/2002 |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net          |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| High channel, corner reflector antennas                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 1                           |  | 24    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By: _____                                                                                                                                         |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 5325.165                                                                                                                                                 | 64.5             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 100.7           | 83.5               | 17.2                        |  |       |  |
| 5328.042                                                                                                                                                 | 45.0             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 81.2            | 83.5               | -2.3                        |  |       |  |
| 5329.480                                                                                                                                                 | 42.0             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 78.2            | 83.5               | -5.3                        |  |       |  |
| 5316.055                                                                                                                                                 | 41.4             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 77.6            | 83.5               | -5.9                        |  |       |  |
| 5324.686                                                                                                                                                 | 36.5             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 72.7            | 83.5               | -10.8                       |  |       |  |
| 5330.919                                                                                                                                                 | 34.6             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 70.8            | 83.5               | -12.7                       |  |       |  |
| 5317.973                                                                                                                                                 | 30.0             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 66.2            | 83.5               | -17.3                       |  |       |  |
| 5326.604                                                                                                                                                 | 25.3             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 61.5            | 83.5               | -22.0                       |  |       |  |
| 5335.714                                                                                                                                                 | 24.2             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 60.4            | 83.5               | -23.1                       |  |       |  |
| 4879.088                                                                                                                                                 | 22.3             | 0.0                           | 0.0          | 32.9            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 57.2            | 83.5               | -26.3                       |  |       |  |
| 4552.641                                                                                                                                                 | 22.5             | 0.0                           | 0.0          | 32.5            | 1.9        | 0.0                       | H                        |                                             | 0.0                      | 56.9            | 83.5               | -26.6                       |  |       |  |
| 4552.641                                                                                                                                                 | 22.3             | 0.0                           | 0.0          | 32.5            | 1.9        | 0.0                       | V                        |                                             | 0.0                      | 56.7            | 83.5               | -26.8                       |  |       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net          |              |                 |            |                           | Job Site: EV01           |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| High channel, corner reflector antennas                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                 |                    | 25                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:        |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 17879.700                                                                                                                                                | 31.0             | 34.8                          | 0.0          | 45.2            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 47.4              | 83.5               | -36.1                       |  |
| 17795.810                                                                                                                                                | 30.9             | 34.8                          | 0.0          | 45.1            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 47.2              | 83.5               | -36.3                       |  |
| 15962.060                                                                                                                                                | 37.7             | 33.9                          | 0.0          | 37.6            | 5.6        | 0.0                       | H                        |                                             | 0.0                      | 47.0              | 83.5               | -36.5                       |  |
| 15974.050                                                                                                                                                | 34.8             | 33.9                          | 0.0          | 37.6            | 5.6        | 0.0                       | V                        |                                             | 0.0                      | 44.1              | 83.5               | -39.4                       |  |
| 13550.770                                                                                                                                                | 33.1             | 34.7                          | 0.0          | 40.8            | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 44.1              | 83.5               | -39.4                       |  |
| 10648.610                                                                                                                                                | 36.9             | 35.2                          | 0.0          | 38.2            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 44.0              | 83.5               | -39.5                       |  |
| 13964.560                                                                                                                                                | 32.2             | 34.5                          | 0.0          | 41.3            | 5.0        | 0.0                       | V                        |                                             | 0.0                      | 43.9              | 83.5               | -39.6                       |  |
| 13666.130                                                                                                                                                | 32.4             | 34.7                          | 0.0          | 40.9            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 43.6              | 83.5               | -39.9                       |  |
| 10657.630                                                                                                                                                | 36.2             | 35.2                          | 0.0          | 38.2            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 43.3              | 83.5               | -40.2                       |  |
| 14268.010                                                                                                                                                | 31.3             | 34.4                          | 0.0          | 40.9            | 5.1        | 0.0                       | V                        |                                             | 0.0                      | 42.8              | 83.5               | -40.7                       |  |
| 14275.530                                                                                                                                                | 31.0             | 34.4                          | 0.0          | 40.9            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.5              | 83.5               | -41.0                       |  |
| 15155.850                                                                                                                                                | 32.2             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 42.5              | 83.5               | -41.0                       |  |
| 13174.600                                                                                                                                                | 32.4             | 34.9                          | 0.0          | 40.0            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 42.4              | 83.5               | -41.1                       |  |
| 13066.770                                                                                                                                                | 32.6             | 34.9                          | 0.0          | 39.8            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.3              | 83.5               | -41.2                       |  |
| 14736.970                                                                                                                                                | 31.3             | 34.3                          | 0.0          | 40.1            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 42.3              | 83.5               | -41.2                       |  |
| 15116.890                                                                                                                                                | 31.8             | 34.2                          | 0.0          | 39.2            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.2              | 83.5               | -41.3                       |  |
| 12918.800                                                                                                                                                | 32.6             | 35.0                          | 0.0          | 39.6            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.0              | 83.5               | -41.5                       |  |
| 12871.160                                                                                                                                                | 32.6             | 35.0                          | 0.0          | 39.5            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 41.9              | 83.5               | -41.6                       |  |
| 10567.430                                                                                                                                                | 34.1             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 41.3              | 83.5               | -42.2                       |  |
| 16063.960                                                                                                                                                | 31.6             | 33.9                          | 0.0          | 37.9            | 5.6        | 0.0                       | V                        |                                             | 0.0                      | 41.2              | 83.5               | -42.3                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net          |              |                 |            |                           | Job Site: EV01           |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Mid channel, corner reflector antennas                                                                                                                   |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                 |                    | 26                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:        |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 17912.650                                                                                                                                                | 30.8             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 47.2              | 83.5               | -36.3                       |  |
| 17909.660                                                                                                                                                | 30.6             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 47.0              | 83.5               | -36.5                       |  |
| 17544.130                                                                                                                                                | 30.9             | 34.7                          | 0.0          | 44.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 47.0              | 83.5               | -36.5                       |  |
| 17511.180                                                                                                                                                | 30.8             | 34.7                          | 0.0          | 44.7            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 46.9              | 83.5               | -36.6                       |  |
| 10600.500                                                                                                                                                | 37.8             | 35.2                          | 0.0          | 38.2            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 45.0              | 83.5               | -38.5                       |  |
| 13753.910                                                                                                                                                | 32.4             | 34.6                          | 0.0          | 41.0            | 5.0        | 0.0                       | V                        |                                             | 0.0                      | 43.7              | 83.5               | -39.8                       |  |
| 16729.200                                                                                                                                                | 31.5             | 34.3                          | 0.0          | 40.6            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 43.6              | 83.5               | -39.9                       |  |
| 13711.270                                                                                                                                                | 32.3             | 34.6                          | 0.0          | 41.0            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 43.6              | 83.5               | -39.9                       |  |
| 14222.870                                                                                                                                                | 31.4             | 34.4                          | 0.0          | 40.9            | 5.1        | 0.0                       | V                        |                                             | 0.0                      | 43.0              | 83.5               | -40.5                       |  |
| 14230.390                                                                                                                                                | 31.4             | 34.4                          | 0.0          | 40.9            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 43.0              | 83.5               | -40.5                       |  |
| 15149.850                                                                                                                                                | 32.4             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.7              | 83.5               | -40.8                       |  |
| 15158.840                                                                                                                                                | 32.3             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 42.6              | 83.5               | -40.9                       |  |
| 14438.540                                                                                                                                                | 31.1             | 34.4                          | 0.0          | 40.6            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.5              | 83.5               | -41.0                       |  |
| 14568.950                                                                                                                                                | 31.1             | 34.3                          | 0.0          | 40.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 42.3              | 83.5               | -41.2                       |  |
| 13086.830                                                                                                                                                | 32.4             | 34.9                          | 0.0          | 39.9            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 42.2              | 83.5               | -41.3                       |  |
| 13222.250                                                                                                                                                | 32.0             | 34.8                          | 0.0          | 40.1            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 42.1              | 83.5               | -41.4                       |  |
| 13131.970                                                                                                                                                | 32.2             | 34.9                          | 0.0          | 40.0            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.1              | 83.5               | -41.4                       |  |
| 12663.010                                                                                                                                                | 33.0             | 35.1                          | 0.0          | 39.2            | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 41.9              | 83.5               | -41.6                       |  |
| 15323.680                                                                                                                                                | 31.7             | 34.1                          | 0.0          | 38.5            | 5.4        | 0.0                       | H                        |                                             | 0.0                      | 41.5              | 83.5               | -42.0                       |  |
| 10832.030                                                                                                                                                | 34.3             | 35.2                          | 0.0          | 38.1            | 4.2        | 0.0                       | V                        |                                             | 0.0                      | 41.3              | 83.5               | -42.2                       |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net          |              | Job Site: EV01  |            |                           |                          |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Low channel, corner reflector antennas                                                                                                                   |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                 |                    | 27                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:        |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 17786.820                                                                                                                                                | 31.3             | 34.8                          | 0.0          | 45.0            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 47.6              | 83.5               | -35.9                       |  |
| 17891.680                                                                                                                                                | 31.1             | 34.8                          | 0.0          | 45.2            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 47.5              | 83.5               | -36.0                       |  |
| 17472.230                                                                                                                                                | 31.3             | 34.6                          | 0.0          | 44.5            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 47.2              | 83.5               | -36.3                       |  |
| 17574.100                                                                                                                                                | 31.0             | 34.7                          | 0.0          | 44.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 47.1              | 83.5               | -36.4                       |  |
| 10537.360                                                                                                                                                | 38.9             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 46.1              | 83.5               | -37.4                       |  |
| 15794.220                                                                                                                                                | 34.9             | 34.0                          | 0.0          | 37.7            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 44.2              | 83.5               | -39.3                       |  |
| 15800.220                                                                                                                                                | 34.9             | 34.0                          | 0.0          | 37.7            | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 44.2              | 83.5               | -39.3                       |  |
| 13763.940                                                                                                                                                | 32.8             | 34.6                          | 0.0          | 41.0            | 5.0        | 0.0                       | V                        |                                             | 0.0                      | 44.2              | 83.5               | -39.3                       |  |
| 13666.130                                                                                                                                                | 32.9             | 34.7                          | 0.0          | 40.9            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 44.1              | 83.5               | -39.4                       |  |
| 13859.230                                                                                                                                                | 32.4             | 34.6                          | 0.0          | 41.1            | 5.0        | 0.0                       | H                        |                                             | 0.0                      | 43.9              | 83.5               | -39.6                       |  |
| 13440.430                                                                                                                                                | 32.8             | 34.8                          | 0.0          | 40.6            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 43.5              | 83.5               | -40.0                       |  |
| 16789.120                                                                                                                                                | 31.0             | 34.3                          | 0.0          | 40.7            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 43.2              | 83.5               | -40.3                       |  |
| 14074.910                                                                                                                                                | 31.5             | 34.5                          | 0.0          | 41.2            | 5.0        | 0.0                       | V                        |                                             | 0.0                      | 43.2              | 83.5               | -40.3                       |  |
| 14578.980                                                                                                                                                | 31.6             | 34.3                          | 0.0          | 40.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 42.8              | 83.5               | -40.7                       |  |
| 15143.860                                                                                                                                                | 32.5             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 42.8              | 83.5               | -40.7                       |  |
| 14418.480                                                                                                                                                | 31.4             | 34.4                          | 0.0          | 40.6            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.8              | 83.5               | -40.7                       |  |
| 14225.380                                                                                                                                                | 31.2             | 34.4                          | 0.0          | 40.9            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.8              | 83.5               | -40.7                       |  |
| 15161.840                                                                                                                                                | 32.2             | 34.2                          | 0.0          | 39.0            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.4              | 83.5               | -41.1                       |  |
| 13142.000                                                                                                                                                | 32.4             | 34.9                          | 0.0          | 40.0            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.3              | 83.5               | -41.2                       |  |
| 13119.430                                                                                                                                                | 32.4             | 34.9                          | 0.0          | 39.9            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 42.3              | 83.5               | -41.2                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                     |                    | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|---------------------|--------------------|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net          |              |                 |            |                           | Job Site: EV01           |                                             |                          |                     |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000          |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Low channel, dipole antennas                                                                                                                             |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m)   |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                   |                    | 28                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:          |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m     | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 15548.460                                                                                                                                                | 40.0             | 34.0                          | 0.0          | 37.9            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 49.3                | 83.5               | -34.2                       |  |
| 17777.830                                                                                                                                                | 31.5             | 34.8                          | 0.0          | 45.0            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 47.8                | 83.5               | -35.7                       |  |
| 17912.650                                                                                                                                                | 31.2             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 47.6                | 83.5               | -35.9                       |  |
| 17487.210                                                                                                                                                | 31.5             | 34.6                          | 0.0          | 44.6            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 47.5                | 83.5               | -36.0                       |  |
| 17675.960                                                                                                                                                | 30.7             | 34.7                          | 0.0          | 44.9            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 46.9                | 83.5               | -36.6                       |  |
| 15539.470                                                                                                                                                | 36.4             | 34.0                          | 0.0          | 37.9            | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 45.7                | 83.5               | -37.8                       |  |
| 10368.980                                                                                                                                                | 37.0             | 35.2                          | 0.0          | 38.2            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 44.1                | 83.5               | -39.4                       |  |
| 13605.950                                                                                                                                                | 32.9             | 34.7                          | 0.0          | 40.8            | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 44.0                | 83.5               | -39.5                       |  |
| 15539.470                                                                                                                                                | 34.6             | 34.0                          | 0.0          | 37.9            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 43.9                | 83.5               | -39.6                       |  |
| 13656.100                                                                                                                                                | 32.5             | 34.7                          | 0.0          | 40.9            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 43.7                | 83.5               | -39.8                       |  |
| 16807.100                                                                                                                                                | 31.1             | 34.3                          | 0.0          | 40.7            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 43.4                | 83.5               | -40.1                       |  |
| 15560.450                                                                                                                                                | 34.0             | 34.0                          | 0.0          | 37.9            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 43.3                | 83.5               | -40.2                       |  |
| 16798.110                                                                                                                                                | 31.0             | 34.3                          | 0.0          | 40.7            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 43.3                | 83.5               | -40.2                       |  |
| 15149.850                                                                                                                                                | 32.9             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 43.2                | 83.5               | -40.3                       |  |
| 10365.970                                                                                                                                                | 35.8             | 35.2                          | 0.0          | 38.2            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 42.9                | 83.5               | -40.6                       |  |
| 14230.390                                                                                                                                                | 31.1             | 34.4                          | 0.0          | 40.9            | 5.1        | 0.0                       | V                        |                                             | 0.0                      | 42.7                | 83.5               | -40.8                       |  |
| 14262.990                                                                                                                                                | 31.1             | 34.4                          | 0.0          | 40.9            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.6                | 83.5               | -40.9                       |  |
| 15155.850                                                                                                                                                | 32.3             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.6                | 83.5               | -40.9                       |  |
| 13056.730                                                                                                                                                | 32.6             | 34.9                          | 0.0          | 39.8            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.3                | 83.5               | -41.2                       |  |
| 15356.650                                                                                                                                                | 31.5             | 34.1                          | 0.0          | 38.4            | 5.4        | 0.0                       | V                        |                                             | 0.0                      | 41.2                | 83.5               | -42.3                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net          |              |                 |            |                           | Job Site: EV01           |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Mid channel, dipole antennas                                                                                                                             |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                 |                    | 29                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:        |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 17900.670                                                                                                                                                | 31.3             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 47.7              | 83.5               | -35.8                       |  |
| 17496.200                                                                                                                                                | 31.2             | 34.6                          | 0.0          | 44.7            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 47.2              | 83.5               | -36.3                       |  |
| 17517.170                                                                                                                                                | 31.1             | 34.7                          | 0.0          | 44.7            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 47.2              | 83.5               | -36.3                       |  |
| 17804.790                                                                                                                                                | 30.5             | 34.8                          | 0.0          | 45.1            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 46.8              | 83.5               | -36.7                       |  |
| 17211.570                                                                                                                                                | 31.4             | 34.5                          | 0.0          | 42.7            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 45.5              | 83.5               | -38.0                       |  |
| 10441.140                                                                                                                                                | 37.4             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 44.6              | 83.5               | -38.9                       |  |
| 13503.130                                                                                                                                                | 33.4             | 34.7                          | 0.0          | 40.7            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 44.3              | 83.5               | -39.2                       |  |
| 13916.910                                                                                                                                                | 32.3             | 34.5                          | 0.0          | 41.2            | 5.0        | 0.0                       | V                        |                                             | 0.0                      | 43.9              | 83.5               | -39.6                       |  |
| 16810.090                                                                                                                                                | 31.1             | 34.3                          | 0.0          | 40.7            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 43.4              | 83.5               | -40.1                       |  |
| 16831.060                                                                                                                                                | 31.0             | 34.3                          | 0.0          | 40.8            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 43.3              | 83.5               | -40.2                       |  |
| 15152.850                                                                                                                                                | 32.8             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 43.1              | 83.5               | -40.4                       |  |
| 10444.150                                                                                                                                                | 35.7             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 42.9              | 83.5               | -40.6                       |  |
| 14217.850                                                                                                                                                | 31.3             | 34.4                          | 0.0          | 41.0            | 5.1        | 0.0                       | V                        |                                             | 0.0                      | 42.9              | 83.5               | -40.6                       |  |
| 15146.860                                                                                                                                                | 32.4             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.7              | 83.5               | -40.8                       |  |
| 14408.450                                                                                                                                                | 31.2             | 34.4                          | 0.0          | 40.6            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.6              | 83.5               | -40.9                       |  |
| 13029.150                                                                                                                                                | 32.9             | 34.9                          | 0.0          | 39.8            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.5              | 83.5               | -41.0                       |  |
| 12705.640                                                                                                                                                | 33.4             | 35.1                          | 0.0          | 39.3            | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 42.3              | 83.5               | -41.2                       |  |
| 13126.950                                                                                                                                                | 32.4             | 34.9                          | 0.0          | 40.0            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 42.3              | 83.5               | -41.2                       |  |
| 15668.350                                                                                                                                                | 32.9             | 34.0                          | 0.0          | 37.8            | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 42.2              | 83.5               | -41.3                       |  |
| 15668.350                                                                                                                                                | 32.8             | 34.0                          | 0.0          | 37.8            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 42.1              | 83.5               | -41.4                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  |       |  |  |  |  |  | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-------|--|--|--|--|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |  |       |  |  |  |  |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Date: 10/06/02                |                    |                        |  |       |  |  |  |  |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Temperature: 68               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Humidity: 46%                 |                    |                        |  |       |  |  |  |  |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Barometric Pressure: 30.41    |                    |                        |  |       |  |  |  |  |  |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  |             |              |                 |            |                           |                          |                                             |                          | Power: DC from E-net          |                    |                        |  |       |  |  |  |  |  | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR           |                    |                        |  |       |  |  |  |  |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |       |  |  |  |  |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| High channel, dipole antennas                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          |                                             |                          | Test Distance (m)             |                    |                        |  | Run # |  |  |  |  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          | 1                             |                    |                        |  | 30    |  |  |  |  |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |       |  |  |  |  |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |       |  |  |  |  |  |                             |  |
| 17493.200                                                                                                                                                | 31.7             | 34.6        | 0.0          | 44.7            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 47.7                          | 83.5               | -35.8                  |  |       |  |  |  |  |  |                             |  |
| 17882.690                                                                                                                                                | 30.7             | 34.8        | 0.0          | 45.2            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 47.1                          | 83.5               | -36.4                  |  |       |  |  |  |  |  |                             |  |
| 17571.100                                                                                                                                                | 30.9             | 34.7        | 0.0          | 44.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 47.0                          | 83.5               | -36.5                  |  |       |  |  |  |  |  |                             |  |
| 17831.760                                                                                                                                                | 30.6             | 34.8        | 0.0          | 45.1            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 46.9                          | 83.5               | -36.6                  |  |       |  |  |  |  |  |                             |  |
| 13731.340                                                                                                                                                | 32.7             | 34.6        | 0.0          | 41.0            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 44.0                          | 83.5               | -39.5                  |  |       |  |  |  |  |  |                             |  |
| 13550.770                                                                                                                                                | 33.0             | 34.7        | 0.0          | 40.8            | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 44.0                          | 83.5               | -39.5                  |  |       |  |  |  |  |  |                             |  |
| 10651.620                                                                                                                                                | 36.2             | 35.2        | 0.0          | 38.2            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 43.3                          | 83.5               | -40.2                  |  |       |  |  |  |  |  |                             |  |
| 15971.050                                                                                                                                                | 33.7             | 33.9        | 0.0          | 37.6            | 5.6        | 0.0                       | H                        |                                             | 0.0                      | 43.0                          | 83.5               | -40.5                  |  |       |  |  |  |  |  |                             |  |
| 15161.840                                                                                                                                                | 32.7             | 34.2        | 0.0          | 39.0            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 42.9                          | 83.5               | -40.6                  |  |       |  |  |  |  |  |                             |  |
| 14235.410                                                                                                                                                | 31.3             | 34.4        | 0.0          | 40.9            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.9                          | 83.5               | -40.6                  |  |       |  |  |  |  |  |                             |  |
| 14548.880                                                                                                                                                | 31.5             | 34.3        | 0.0          | 40.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 42.7                          | 83.5               | -40.8                  |  |       |  |  |  |  |  |                             |  |
| 15152.850                                                                                                                                                | 32.4             | 34.2        | 0.0          | 39.1            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.7                          | 83.5               | -40.8                  |  |       |  |  |  |  |  |                             |  |
| 14293.090                                                                                                                                                | 31.1             | 34.4        | 0.0          | 40.8            | 5.1        | 0.0                       | V                        |                                             | 0.0                      | 42.6                          | 83.5               | -40.9                  |  |       |  |  |  |  |  |                             |  |
| 14506.250                                                                                                                                                | 31.2             | 34.3        | 0.0          | 40.5            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 42.5                          | 83.5               | -41.0                  |  |       |  |  |  |  |  |                             |  |
| 13101.880                                                                                                                                                | 32.6             | 34.9        | 0.0          | 39.9            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 42.4                          | 83.5               | -41.1                  |  |       |  |  |  |  |  |                             |  |
| 12863.630                                                                                                                                                | 32.6             | 35.0        | 0.0          | 39.5            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 41.9                          | 83.5               | -41.6                  |  |       |  |  |  |  |  |                             |  |
| 10826.010                                                                                                                                                | 34.6             | 35.2        | 0.0          | 38.1            | 4.2        | 0.0                       | H                        |                                             | 0.0                      | 41.6                          | 83.5               | -41.9                  |  |       |  |  |  |  |  |                             |  |
| 15977.040                                                                                                                                                | 32.0             | 33.9        | 0.0          | 37.6            | 5.6        | 0.0                       | V                        |                                             | 0.0                      | 41.3                          | 83.5               | -42.2                  |  |       |  |  |  |  |  |                             |  |
| 10636.580                                                                                                                                                | 34.1             | 35.2        | 0.0          | 38.2            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 41.2                          | 83.5               | -42.3                  |  |       |  |  |  |  |  |                             |  |
| 10829.020                                                                                                                                                | 33.9             | 35.2        | 0.0          | 38.1            | 4.2        | 0.0                       | V                        |                                             | 0.0                      | 40.9                          | 83.5               | -42.6                  |  |       |  |  |  |  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net          |              |                 |            |                           | Job Site: EV01           |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| High channel, dipole antennas                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                 |                    | 31                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 24938.210                                                                                                                                                | 36.9             | 36.3                          | 0.0          | 40.4            | 7.5        | 0.0                       | V                        |                                             | 0.0                      | 48.5              | 83.5               | -35.0                       |  |
| 26420.790                                                                                                                                                | 35.1             | 35.1                          | 0.0          | 40.5            | 7.8        | 0.0                       | H                        |                                             | 0.0                      | 48.4              | 83.5               | -35.1                       |  |
| 24932.920                                                                                                                                                | 36.6             | 36.3                          | 0.0          | 40.4            | 7.5        | 0.0                       | H                        |                                             | 0.0                      | 48.2              | 83.5               | -35.3                       |  |
| 26463.150                                                                                                                                                | 34.7             | 35.0                          | 0.0          | 40.5            | 7.8        | 0.0                       | V                        |                                             | 0.0                      | 48.0              | 83.5               | -35.5                       |  |
| 25716.570                                                                                                                                                | 35.5             | 35.7                          | 0.0          | 40.5            | 7.6        | 0.0                       | H                        |                                             | 0.0                      | 47.9              | 83.5               | -35.6                       |  |
| 25690.090                                                                                                                                                | 35.5             | 35.7                          | 0.0          | 40.5            | 7.6        | 0.0                       | V                        |                                             | 0.0                      | 47.9              | 83.5               | -35.6                       |  |
| 24519.920                                                                                                                                                | 36.5             | 36.3                          | 0.0          | 40.4            | 7.2        | 0.0                       | H                        |                                             | 0.0                      | 47.8              | 83.5               | -35.7                       |  |
| 24456.380                                                                                                                                                | 36.3             | 36.4                          | 0.0          | 40.4            | 7.2        | 0.0                       | V                        |                                             | 0.0                      | 47.5              | 83.5               | -36.0                       |  |
| 24186.340                                                                                                                                                | 36.3             | 36.4                          | 0.0          | 40.4            | 7.0        | 0.0                       | V                        |                                             | 0.0                      | 47.3              | 83.5               | -36.2                       |  |
| 21549.460                                                                                                                                                | 35.3             | 36.2                          | 0.0          | 40.3            | 6.9        | 0.0                       | V                        |                                             | 0.0                      | 46.3              | 83.5               | -37.2                       |  |
| 21480.630                                                                                                                                                | 35.3             | 36.2                          | 0.0          | 40.3            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 46.3              | 83.5               | -37.2                       |  |
| 23773.330                                                                                                                                                | 35.4             | 36.3                          | 0.0          | 40.4            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 46.2              | 83.5               | -37.3                       |  |
| 22280.160                                                                                                                                                | 34.8             | 36.0                          | 0.0          | 40.3            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 45.9              | 83.5               | -37.6                       |  |
| 23545.650                                                                                                                                                | 35.1             | 36.3                          | 0.0          | 40.4            | 6.7        | 0.0                       | V                        |                                             | 0.0                      | 45.9              | 83.5               | -37.6                       |  |
| 23079.700                                                                                                                                                | 35.2             | 36.1                          | 0.0          | 40.4            | 6.4        | 0.0                       | V                        |                                             | 0.0                      | 45.9              | 83.5               | -37.6                       |  |
| 23074.400                                                                                                                                                | 35.1             | 36.1                          | 0.0          | 40.4            | 6.4        | 0.0                       | H                        |                                             | 0.0                      | 45.8              | 83.5               | -37.7                       |  |
| 21237.060                                                                                                                                                | 33.9             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 44.8              | 83.5               | -38.7                       |  |
| 21237.060                                                                                                                                                | 33.7             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 44.6              | 83.5               | -38.9                       |  |
| 21226.470                                                                                                                                                | 33.6             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 44.4              | 83.5               | -39.1                       |  |
| 21215.880                                                                                                                                                | 33.4             | 36.3                          | 0.0          | 40.3            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 44.2              | 83.5               | -39.3                       |  |

|                                                                                                                                                          |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|-----------------|--------------------|---------------|---------------------------------|---------------------------------|-------------------------------------------------------|--------------------------------|--------------------|-----------------------|------------------------------|--|
| NORTHWEST                                                                                                                                                |                     | RADIATED EMISSIONS DATA SHEET |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       | REV<br>df3.01<br>09/20/2002  |  |
| EMC                                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| EUT: WN-5MP01                                                                                                                                            |                     | Work Order: INMC0045          |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Serial Number:                                                                                                                                           |                     | Date: 10/06/02                |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Customer: INTERMEC Corporation                                                                                                                           |                     | Temperature: 68               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Attendees: None                                                                                                                                          |                     | Humidity: 46%                 |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Cust. Ref. No.:                                                                                                                                          |                     | Barometric Pressure: 30.41    |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Tested by: Greg Kiemel                                                                                                                                   |                     | Power: DC from E-net          |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       | Job Site: EV01               |  |
| TEST SPECIFICATIONS                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Specification: FCC 15.209                                                                                                                                |                     | Year: Current 47CFR           |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Method: ANSI C63.4                                                                                                                                       |                     | Year: 2000                    |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| COMMENTS                                                                                                                                                 |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Mid channel, dipole antennas                                                                                                                             |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| EUT OPERATING MODES                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Transmitting on both radios                                                                                                                              |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| No deviations.                                                                                                                                           |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| RESULTS                                                                                                                                                  |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                | Test Distance (m)  |                       | Run #                        |  |
| Evaluation                                                                                                                                               |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                | 1                  |                       | 32                           |  |
| Other                                                                                                                                                    |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
|                                                                                                                                                          |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                | Tested By:         |                       |                              |  |
|                                                                                                                                                          |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                    |                       |                              |  |
| Freq<br>(MHz)                                                                                                                                            | Amplitude<br>(dBuV) | Preamp<br>(dB)                | Chamber<br>(dB) | Transducer<br>(dB) | Cable<br>(dB) | External<br>Attenuation<br>(dB) | Polarity/<br>Transducer<br>Type | Detector<br><br>(blank equal peaks<br>[PK] from scan) | Distance<br>Adjustment<br>(dB) | Adjusted<br>dBuV/m | Spec. Limit<br>dBuV/m | Compared to<br>Spec.<br>(dB) |  |
| 24922.330                                                                                                                                                | 37.1                | 36.3                          | 0.0             | 40.4               | 7.5           | 0.0                             | V                               |                                                       | 0.0                            | 48.7               | 83.5                  | -34.8                        |  |
| 26171.930                                                                                                                                                | 35.5                | 35.3                          | 0.0             | 40.5               | 7.8           | 0.0                             | V                               |                                                       | 0.0                            | 48.4               | 83.5                  | -35.1                        |  |
| 24922.330                                                                                                                                                | 36.8                | 36.3                          | 0.0             | 40.4               | 7.5           | 0.0                             | H                               |                                                       | 0.0                            | 48.4               | 83.5                  | -35.1                        |  |
| 24181.040                                                                                                                                                | 36.9                | 36.4                          | 0.0             | 40.4               | 7.0           | 0.0                             | V                               |                                                       | 0.0                            | 47.9               | 83.5                  | -35.6                        |  |
| 26314.890                                                                                                                                                | 34.8                | 35.2                          | 0.0             | 40.5               | 7.8           | 0.0                             | V                               |                                                       | 0.0                            | 47.9               | 83.5                  | -35.6                        |  |
| 24392.840                                                                                                                                                | 36.6                | 36.4                          | 0.0             | 40.4               | 7.1           | 0.0                             | H                               |                                                       | 0.0                            | 47.8               | 83.5                  | -35.7                        |  |
| 24525.210                                                                                                                                                | 36.5                | 36.3                          | 0.0             | 40.4               | 7.2           | 0.0                             | H                               |                                                       | 0.0                            | 47.8               | 83.5                  | -35.7                        |  |
| 26351.960                                                                                                                                                | 34.6                | 35.1                          | 0.0             | 40.5               | 7.8           | 0.0                             | H                               |                                                       | 0.0                            | 47.8               | 83.5                  | -35.7                        |  |
| 25658.320                                                                                                                                                | 35.4                | 35.8                          | 0.0             | 40.5               | 7.6           | 0.0                             | H                               |                                                       | 0.0                            | 47.7               | 83.5                  | -35.8                        |  |
| 24477.560                                                                                                                                                | 36.4                | 36.4                          | 0.0             | 40.4               | 7.2           | 0.0                             | V                               |                                                       | 0.0                            | 47.7               | 83.5                  | -35.8                        |  |
| 23090.290                                                                                                                                                | 35.8                | 36.1                          | 0.0             | 40.4               | 6.4           | 0.0                             | V                               |                                                       | 0.0                            | 46.5               | 83.5                  | -37.0                        |  |
| 23768.040                                                                                                                                                | 35.6                | 36.3                          | 0.0             | 40.4               | 6.8           | 0.0                             | H                               |                                                       | 0.0                            | 46.4               | 83.5                  | -37.1                        |  |
| 21496.520                                                                                                                                                | 35.4                | 36.2                          | 0.0             | 40.3               | 6.9           | 0.0                             | V                               |                                                       | 0.0                            | 46.4               | 83.5                  | -37.1                        |  |
| 23143.240                                                                                                                                                | 35.6                | 36.1                          | 0.0             | 40.4               | 6.5           | 0.0                             | H                               |                                                       | 0.0                            | 46.3               | 83.5                  | -37.2                        |  |
| 23381.510                                                                                                                                                | 35.2                | 36.2                          | 0.0             | 40.4               | 6.6           | 0.0                             | V                               |                                                       | 0.0                            | 46.0               | 83.5                  | -37.5                        |  |
| 21681.840                                                                                                                                                | 34.8                | 36.1                          | 0.0             | 40.3               | 6.9           | 0.0                             | H                               |                                                       | 0.0                            | 45.9               | 83.5                  | -37.6                        |  |
| 22359.590                                                                                                                                                | 34.6                | 36.0                          | 0.0             | 40.3               | 6.8           | 0.0                             | H                               |                                                       | 0.0                            | 45.7               | 83.5                  | -37.8                        |  |
| 22401.950                                                                                                                                                | 34.6                | 36.0                          | 0.0             | 40.3               | 6.8           | 0.0                             | V                               |                                                       | 0.0                            | 45.7               | 83.5                  | -37.8                        |  |
| 21226.470                                                                                                                                                | 33.7                | 36.3                          | 0.0             | 40.3               | 6.8           | 0.0                             | H                               |                                                       | 0.0                            | 44.5               | 83.5                  | -39.0                        |  |
| 21242.360                                                                                                                                                | 33.5                | 36.3                          | 0.0             | 40.3               | 6.8           | 0.0                             | H                               |                                                       | 0.0                            | 44.4               | 83.5                  | -39.1                        |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.01<br>09/20/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net          |              |                 |            |                           |                          |                                             |                          |                   |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Low channel, dipole antennas                                                                                                                             |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                 |                    | 33                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 24922.330                                                                                                                                                | 37.0             | 36.3                          | 0.0          | 40.4            | 7.5        | 0.0                       | H                        |                                             | 0.0                      | 48.6              | 83.5               | -34.9                       |  |
| 24853.500                                                                                                                                                | 36.8             | 36.3                          | 0.0          | 40.4            | 7.4        | 0.0                       | V                        |                                             | 0.0                      | 48.3              | 83.5               | -35.2                       |  |
| 26066.030                                                                                                                                                | 35.5             | 35.4                          | 0.0          | 40.5            | 7.7        | 0.0                       | V                        |                                             | 0.0                      | 48.3              | 83.5               | -35.2                       |  |
| 25838.350                                                                                                                                                | 35.7             | 35.6                          | 0.0          | 40.5            | 7.7        | 0.0                       | H                        |                                             | 0.0                      | 48.2              | 83.5               | -35.3                       |  |
| 24223.400                                                                                                                                                | 37.1             | 36.4                          | 0.0          | 40.4            | 7.0        | 0.0                       | H                        |                                             | 0.0                      | 48.2              | 83.5               | -35.3                       |  |
| 26325.480                                                                                                                                                | 35.0             | 35.2                          | 0.0          | 40.5            | 7.8        | 0.0                       | V                        |                                             | 0.0                      | 48.1              | 83.5               | -35.4                       |  |
| 26484.330                                                                                                                                                | 34.6             | 35.0                          | 0.0          | 40.5            | 7.8        | 0.0                       | H                        |                                             | 0.0                      | 47.9              | 83.5               | -35.6                       |  |
| 26156.050                                                                                                                                                | 35.0             | 35.3                          | 0.0          | 40.5            | 7.7        | 0.0                       | H                        |                                             | 0.0                      | 47.9              | 83.5               | -35.6                       |  |
| 25753.630                                                                                                                                                | 35.4             | 35.7                          | 0.0          | 40.5            | 7.7        | 0.0                       | V                        |                                             | 0.0                      | 47.8              | 83.5               | -35.7                       |  |
| 25330.040                                                                                                                                                | 35.7             | 36.0                          | 0.0          | 40.5            | 7.6        | 0.0                       | H                        |                                             | 0.0                      | 47.7              | 83.5               | -35.8                       |  |
| 24175.750                                                                                                                                                | 36.4             | 36.4                          | 0.0          | 40.4            | 7.0        | 0.0                       | V                        |                                             | 0.0                      | 47.4              | 83.5               | -36.1                       |  |
| 23074.400                                                                                                                                                | 35.6             | 36.1                          | 0.0          | 40.4            | 6.4        | 0.0                       | V                        |                                             | 0.0                      | 46.3              | 83.5               | -37.2                       |  |
| 23858.050                                                                                                                                                | 35.4             | 36.4                          | 0.0          | 40.4            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 46.3              | 83.5               | -37.2                       |  |
| 23958.650                                                                                                                                                | 35.3             | 36.4                          | 0.0          | 40.4            | 6.9        | 0.0                       | V                        |                                             | 0.0                      | 46.2              | 83.5               | -37.3                       |  |
| 23058.520                                                                                                                                                | 35.5             | 36.1                          | 0.0          | 40.4            | 6.4        | 0.0                       | H                        |                                             | 0.0                      | 46.2              | 83.5               | -37.3                       |  |
| 21703.020                                                                                                                                                | 34.9             | 36.1                          | 0.0          | 40.3            | 6.9        | 0.0                       | V                        |                                             | 0.0                      | 46.0              | 83.5               | -37.5                       |  |
| 23741.560                                                                                                                                                | 35.2             | 36.3                          | 0.0          | 40.4            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 46.0              | 83.5               | -37.5                       |  |
| 21724.200                                                                                                                                                | 34.8             | 36.1                          | 0.0          | 40.3            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 46.0              | 83.5               | -37.5                       |  |
| 22142.500                                                                                                                                                | 34.7             | 36.0                          | 0.0          | 40.3            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 45.9              | 83.5               | -37.6                       |  |
| 23640.960                                                                                                                                                | 35.1             | 36.3                          | 0.0          | 40.4            | 6.7        | 0.0                       | H                        |                                             | 0.0                      | 45.9              | 83.5               | -37.6                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |       |  |  |  |  |  |  | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|-------|--|--|--|--|--|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |       |  |  |  |  |  |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Date: 10/06/02                |                    |                        |       |  |  |  |  |  |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Temperature: 68               |                    |                        |       |  |  |  |  |  |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Humidity: 46%                 |                    |                        |       |  |  |  |  |  |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Barometric Pressure: 30.41    |                    |                        |       |  |  |  |  |  |  |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  |             |              |                 |            |                           |                          |                                             |                          | Power: DC from E-net          |                    |                        |       |  |  |  |  |  |  | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR           |                    |                        |       |  |  |  |  |  |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 2000                    |                    |                        |       |  |  |  |  |  |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
| Low channel, corner reflector antennas                                                                                                                   |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          |                                             |                          | Test Distance (m)             |                    |                        | Run # |  |  |  |  |  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          | 1                             |                    |                        | 34    |  |  |  |  |  |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Tested By:                    |                    |                        |       |  |  |  |  |  |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |  |  |  |  |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |       |  |  |  |  |  |  |                             |  |
| 24948.800                                                                                                                                                | 37.1             | 36.3        | 0.0          | 40.4            | 7.5        | 0.0                       | V                        |                                             | 0.0                      | 48.7                          | 83.5               | -34.8                  |       |  |  |  |  |  |  |                             |  |
| 24901.150                                                                                                                                                | 36.8             | 36.3        | 0.0          | 40.4            | 7.4        | 0.0                       | H                        |                                             | 0.0                      | 48.4                          | 83.5               | -35.1                  |       |  |  |  |  |  |  |                             |  |
| 24233.990                                                                                                                                                | 37.3             | 36.4        | 0.0          | 40.4            | 7.0        | 0.0                       | V                        |                                             | 0.0                      | 48.4                          | 83.5               | -35.1                  |       |  |  |  |  |  |  |                             |  |
| 26055.440                                                                                                                                                | 35.6             | 35.4        | 0.0          | 40.5            | 7.7        | 0.0                       | V                        |                                             | 0.0                      | 48.4                          | 83.5               | -35.1                  |       |  |  |  |  |  |  |                             |  |
| 26357.250                                                                                                                                                | 34.8             | 35.1        | 0.0          | 40.5            | 7.8        | 0.0                       | V                        |                                             | 0.0                      | 48.0                          | 83.5               | -35.5                  |       |  |  |  |  |  |  |                             |  |
| 26198.410                                                                                                                                                | 34.9             | 35.3        | 0.0          | 40.5            | 7.8        | 0.0                       | H                        |                                             | 0.0                      | 47.9                          | 83.5               | -35.6                  |       |  |  |  |  |  |  |                             |  |
| 25647.730                                                                                                                                                | 35.5             | 35.8        | 0.0          | 40.5            | 7.6        | 0.0                       | V                        |                                             | 0.0                      | 47.8                          | 83.5               | -35.7                  |       |  |  |  |  |  |  |                             |  |
| 25727.160                                                                                                                                                | 35.3             | 35.7        | 0.0          | 40.5            | 7.6        | 0.0                       | H                        |                                             | 0.0                      | 47.7                          | 83.5               | -35.8                  |       |  |  |  |  |  |  |                             |  |
| 24212.810                                                                                                                                                | 36.4             | 36.4        | 0.0          | 40.4            | 7.0        | 0.0                       | H                        |                                             | 0.0                      | 47.5                          | 83.5               | -36.0                  |       |  |  |  |  |  |  |                             |  |
| 21485.930                                                                                                                                                | 35.2             | 36.2        | 0.0          | 40.3            | 6.9        | 0.0                       | V                        |                                             | 0.0                      | 46.2                          | 83.5               | -37.3                  |       |  |  |  |  |  |  |                             |  |
| 21724.200                                                                                                                                                | 34.9             | 36.1        | 0.0          | 40.3            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 46.1                          | 83.5               | -37.4                  |       |  |  |  |  |  |  |                             |  |
| 22968.500                                                                                                                                                | 35.3             | 36.1        | 0.0          | 40.4            | 6.4        | 0.0                       | V                        |                                             | 0.0                      | 46.0                          | 83.5               | -37.5                  |       |  |  |  |  |  |  |                             |  |
| 22290.750                                                                                                                                                | 34.7             | 36.0        | 0.0          | 40.3            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 45.8                          | 83.5               | -37.7                  |       |  |  |  |  |  |  |                             |  |
| 22216.630                                                                                                                                                | 34.6             | 36.0        | 0.0          | 40.3            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 45.8                          | 83.5               | -37.7                  |       |  |  |  |  |  |  |                             |  |
| 23021.450                                                                                                                                                | 35.1             | 36.1        | 0.0          | 40.4            | 6.4        | 0.0                       | H                        |                                             | 0.0                      | 45.8                          | 83.5               | -37.7                  |       |  |  |  |  |  |  |                             |  |
| 22883.790                                                                                                                                                | 34.6             | 36.1        | 0.0          | 40.4            | 6.5        | 0.0                       | H                        |                                             | 0.0                      | 45.3                          | 83.5               | -38.2                  |       |  |  |  |  |  |  |                             |  |
| 21200.000                                                                                                                                                | 34.0             | 36.3        | 0.0          | 40.3            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 44.8                          | 83.5               | -38.7                  |       |  |  |  |  |  |  |                             |  |
| 21226.470                                                                                                                                                | 33.4             | 36.3        | 0.0          | 40.3            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 44.2                          | 83.5               | -39.3                  |       |  |  |  |  |  |  |                             |  |
| 21221.180                                                                                                                                                | 33.4             | 36.3        | 0.0          | 40.3            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 44.2                          | 83.5               | -39.3                  |       |  |  |  |  |  |  |                             |  |
| 21221.180                                                                                                                                                | 33.4             | 36.3        | 0.0          | 40.3            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 44.2                          | 83.5               | -39.3                  |       |  |  |  |  |  |  |                             |  |

|                                                                                                                                                          |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|-----------------|--------------------|---------------|---------------------------------|---------------------------------|-------------------------------------------------------|--------------------------------|---------------------|-----------------------|------------------------------|--|
| NORTHWEST                                                                                                                                                |                     | RADIATED EMISSIONS DATA SHEET |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       | REV<br>df3.01<br>09/20/2002  |  |
| EUT: WN-5MP01                                                                                                                                            |                     | Work Order: INMC0045          |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Serial Number:                                                                                                                                           |                     | Date: 10/06/02                |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Customer: INTERMEC Corporation                                                                                                                           |                     | Temperature: 68               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Attendees: None                                                                                                                                          |                     | Humidity: 46%                 |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Cust. Ref. No.:                                                                                                                                          |                     | Barometric Pressure 30.41     |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Tested by: Greg Kiemel                                                                                                                                   |                     | Power: DC from E-net          |                 |                    |               | Job Site: EV01                  |                                 |                                                       |                                |                     |                       |                              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Specification: FCC 15.209                                                                                                                                |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                | Year: Current 47CFR |                       |                              |  |
| Method: ANSI C63.4                                                                                                                                       |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                | Year: 2000          |                       |                              |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| COMMENTS                                                                                                                                                 |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Mid channel, corner reflector antennas                                                                                                                   |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| EUT OPERATING MODES                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Transmitting on both radios                                                                                                                              |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| No deviations.                                                                                                                                           |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| RESULTS                                                                                                                                                  |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                | Test Distance (m)   |                       | Run #                        |  |
| Evaluation                                                                                                                                               |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                | 1                   |                       | 35                           |  |
| Other                                                                                                                                                    |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Tested By:                                                                                                                                               |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
|                                                                                                                                                          |                     |                               |                 |                    |               |                                 |                                 |                                                       |                                |                     |                       |                              |  |
| Freq<br>(MHz)                                                                                                                                            | Amplitude<br>(dBuV) | Preamp<br>(dB)                | Chamber<br>(dB) | Transducer<br>(dB) | Cable<br>(dB) | External<br>Attenuation<br>(dB) | Polarity/<br>Transducer<br>Type | Detector<br><br>(blank equal peaks<br>[PK] from scan) | Distance<br>Adjustment<br>(dB) | Adjusted<br>dBuV/m  | Spec. Limit<br>dBuV/m | Compared to<br>Spec.<br>(dB) |  |
| 26468.450                                                                                                                                                | 35.2                | 35.0                          | 0.0             | 40.5               | 7.8           | 0.0                             | V                               |                                                       | 0.0                            | 48.5                | 83.5                  | -35.0                        |  |
| 24869.380                                                                                                                                                | 36.9                | 36.3                          | 0.0             | 40.4               | 7.4           | 0.0                             | H                               |                                                       | 0.0                            | 48.5                | 83.5                  | -35.0                        |  |
| 25679.500                                                                                                                                                | 36.0                | 35.8                          | 0.0             | 40.5               | 7.6           | 0.0                             | H                               |                                                       | 0.0                            | 48.4                | 83.5                  | -35.1                        |  |
| 24879.970                                                                                                                                                | 36.8                | 36.3                          | 0.0             | 40.4               | 7.4           | 0.0                             | V                               |                                                       | 0.0                            | 48.4                | 83.5                  | -35.1                        |  |
| 25631.850                                                                                                                                                | 35.8                | 35.8                          | 0.0             | 40.5               | 7.6           | 0.0                             | V                               |                                                       | 0.0                            | 48.1                | 83.5                  | -35.4                        |  |
| 26473.740                                                                                                                                                | 34.7                | 35.0                          | 0.0             | 40.5               | 7.8           | 0.0                             | H                               |                                                       | 0.0                            | 48.0                | 83.5                  | -35.5                        |  |
| 24218.110                                                                                                                                                | 36.8                | 36.4                          | 0.0             | 40.4               | 7.0           | 0.0                             | H                               |                                                       | 0.0                            | 47.9                | 83.5                  | -35.6                        |  |
| 23810.400                                                                                                                                                | 35.8                | 36.3                          | 0.0             | 40.4               | 6.8           | 0.0                             | V                               |                                                       | 0.0                            | 46.7                | 83.5                  | -36.8                        |  |
| 23418.570                                                                                                                                                | 35.8                | 36.2                          | 0.0             | 40.4               | 6.6           | 0.0                             | H                               |                                                       | 0.0                            | 46.6                | 83.5                  | -36.9                        |  |
| 23820.990                                                                                                                                                | 35.7                | 36.3                          | 0.0             | 40.4               | 6.8           | 0.0                             | H                               |                                                       | 0.0                            | 46.6                | 83.5                  | -36.9                        |  |
| 21369.440                                                                                                                                                | 35.5                | 36.3                          | 0.0             | 40.3               | 6.9           | 0.0                             | V                               |                                                       | 0.0                            | 46.4                | 83.5                  | -37.1                        |  |
| 23730.970                                                                                                                                                | 35.5                | 36.3                          | 0.0             | 40.4               | 6.8           | 0.0                             | H                               |                                                       | 0.0                            | 46.3                | 83.5                  | -37.2                        |  |
| 22253.690                                                                                                                                                | 34.9                | 36.0                          | 0.0             | 40.3               | 6.8           | 0.0                             | V                               |                                                       | 0.0                            | 46.1                | 83.5                  | -37.4                        |  |
| 22491.960                                                                                                                                                | 35.0                | 36.0                          | 0.0             | 40.3               | 6.7           | 0.0                             | H                               |                                                       | 0.0                            | 46.0                | 83.5                  | -37.5                        |  |
| 23498.000                                                                                                                                                | 35.2                | 36.2                          | 0.0             | 40.4               | 6.6           | 0.0                             | V                               |                                                       | 0.0                            | 46.0                | 83.5                  | -37.5                        |  |
| 21538.880                                                                                                                                                | 34.9                | 36.2                          | 0.0             | 40.3               | 6.9           | 0.0                             | H                               |                                                       | 0.0                            | 45.9                | 83.5                  | -37.6                        |  |
| 23116.760                                                                                                                                                | 35.1                | 36.1                          | 0.0             | 40.4               | 6.5           | 0.0                             | V                               |                                                       | 0.0                            | 45.8                | 83.5                  | -37.7                        |  |
| 23058.520                                                                                                                                                | 35.1                | 36.1                          | 0.0             | 40.4               | 6.4           | 0.0                             | H                               |                                                       | 0.0                            | 45.8                | 83.5                  | -37.7                        |  |
| 21226.470                                                                                                                                                | 33.8                | 36.3                          | 0.0             | 40.3               | 6.8           | 0.0                             | V                               |                                                       | 0.0                            | 44.6                | 83.5                  | -38.9                        |  |
| 21205.290                                                                                                                                                | 33.6                | 36.3                          | 0.0             | 40.3               | 6.8           | 0.0                             | H                               |                                                       | 0.0                            | 44.4                | 83.5                  | -39.1                        |  |

|                                                                                                                                                          |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------|-----------------|--------------------|---------------|---------------------------------|---------------------------------|-------------------------------------------------------------------|--------------------------------|--------------------|-----------------------|------------------------------|--|
| NORTHWEST<br><b>EMC</b>                                                                                                                                  |                     | <b>RADIATED EMISSIONS DATA SHEET</b> |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       | REV<br>df3.01<br>09/20/2002  |  |
| EUT: WN-5MP01                                                                                                                                            |                     | Work Order: INMC0045                 |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Serial Number:                                                                                                                                           |                     | Date: 10/06/02                       |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Customer: INTERMEC Corporation                                                                                                                           |                     | Temperature: 68                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Attendees: None                                                                                                                                          |                     | Humidity: 46%                        |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Cust. Ref. No.:                                                                                                                                          |                     | Barometric Pressure: 30.41           |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Tested by: Greg Kiemel                                                                                                                                   |                     | Power: DC from E-net                 |                 |                    |               | Job Site: EV01                  |                                 |                                                                   |                                |                    |                       |                              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Specification: FCC 15.209                                                                                                                                |                     | Year: Current 47CFR                  |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Method: ANSI C63.4                                                                                                                                       |                     | Year: 2000                           |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| COMMENTS                                                                                                                                                 |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| High channel, corner reflector antennas                                                                                                                  |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| EUT OPERATING MODES                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Transmitting on both radios                                                                                                                              |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| No deviations.                                                                                                                                           |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| RESULTS                                                                                                                                                  |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                | Test Distance (m)  |                       | Run #                        |  |
| Evaluation                                                                                                                                               |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                | 1                  |                       | 36                           |  |
| Other                                                                                                                                                    |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Tested By: _____                                                                                                                                         |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
|                                                                                                                                                          |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Freq<br>(MHz)                                                                                                                                            | Amplitude<br>(dBuV) | Preamp<br>(dB)                       | Chamber<br>(dB) | Transducer<br>(dB) | Cable<br>(dB) | External<br>Attenuation<br>(dB) | Polarity/<br>Transducer<br>Type | Detector<br><small>(blank equal peaks<br/>[PK] from scan)</small> | Distance<br>Adjustment<br>(dB) | Adjusted<br>dBuV/m | Spec. Limit<br>dBuV/m | Compared to<br>Spec.<br>(dB) |  |
| 26479.040                                                                                                                                                | 35.0                | 35.0                                 | 0.0             | 40.5               | 7.8           | 0.0                             | H                               |                                                                   | 0.0                            | 48.3               | 83.5                  | -35.2                        |  |
| 24954.100                                                                                                                                                | 36.7                | 36.3                                 | 0.0             | 40.4               | 7.5           | 0.0                             | H                               |                                                                   | 0.0                            | 48.3               | 83.5                  | -35.2                        |  |
| 24895.860                                                                                                                                                | 36.6                | 36.3                                 | 0.0             | 40.4               | 7.4           | 0.0                             | V                               |                                                                   | 0.0                            | 48.2               | 83.5                  | -35.3                        |  |
| 26203.700                                                                                                                                                | 35.0                | 35.3                                 | 0.0             | 40.5               | 7.8           | 0.0                             | H                               |                                                                   | 0.0                            | 48.0               | 83.5                  | -35.5                        |  |
| 25806.580                                                                                                                                                | 35.4                | 35.7                                 | 0.0             | 40.5               | 7.7           | 0.0                             | V                               |                                                                   | 0.0                            | 47.9               | 83.5                  | -35.6                        |  |
| 26219.590                                                                                                                                                | 34.9                | 35.3                                 | 0.0             | 40.5               | 7.8           | 0.0                             | V                               |                                                                   | 0.0                            | 47.9               | 83.5                  | -35.6                        |  |
| 25758.930                                                                                                                                                | 35.4                | 35.7                                 | 0.0             | 40.5               | 7.7           | 0.0                             | H                               |                                                                   | 0.0                            | 47.8               | 83.5                  | -35.7                        |  |
| 24493.440                                                                                                                                                | 36.4                | 36.4                                 | 0.0             | 40.4               | 7.2           | 0.0                             | V                               |                                                                   | 0.0                            | 47.7               | 83.5                  | -35.8                        |  |
| 24181.040                                                                                                                                                | 36.6                | 36.4                                 | 0.0             | 40.4               | 7.0           | 0.0                             | H                               |                                                                   | 0.0                            | 47.6               | 83.5                  | -35.9                        |  |
| 23746.860                                                                                                                                                | 35.5                | 36.3                                 | 0.0             | 40.4               | 6.8           | 0.0                             | H                               |                                                                   | 0.0                            | 46.3               | 83.5                  | -37.2                        |  |
| 23127.350                                                                                                                                                | 35.5                | 36.1                                 | 0.0             | 40.4               | 6.5           | 0.0                             | V                               |                                                                   | 0.0                            | 46.2               | 83.5                  | -37.3                        |  |
| 23360.330                                                                                                                                                | 35.4                | 36.2                                 | 0.0             | 40.4               | 6.6           | 0.0                             | V                               |                                                                   | 0.0                            | 46.2               | 83.5                  | -37.3                        |  |
| 23349.740                                                                                                                                                | 35.3                | 36.2                                 | 0.0             | 40.4               | 6.6           | 0.0                             | H                               |                                                                   | 0.0                            | 46.0               | 83.5                  | -37.5                        |  |
| 21591.820                                                                                                                                                | 34.9                | 36.2                                 | 0.0             | 40.3               | 6.9           | 0.0                             | V                               |                                                                   | 0.0                            | 46.0               | 83.5                  | -37.5                        |  |
| 23095.580                                                                                                                                                | 35.2                | 36.1                                 | 0.0             | 40.4               | 6.4           | 0.0                             | H                               |                                                                   | 0.0                            | 45.9               | 83.5                  | -37.6                        |  |
| 22317.230                                                                                                                                                | 34.7                | 36.0                                 | 0.0             | 40.3               | 6.8           | 0.0                             | H                               |                                                                   | 0.0                            | 45.8               | 83.5                  | -37.7                        |  |
| 21464.750                                                                                                                                                | 34.8                | 36.2                                 | 0.0             | 40.3               | 6.9           | 0.0                             | H                               |                                                                   | 0.0                            | 45.8               | 83.5                  | -37.7                        |  |
| 22401.950                                                                                                                                                | 34.7                | 36.0                                 | 0.0             | 40.3               | 6.8           | 0.0                             | V                               |                                                                   | 0.0                            | 45.8               | 83.5                  | -37.7                        |  |
| 21242.360                                                                                                                                                | 33.3                | 36.3                                 | 0.0             | 40.3               | 6.8           | 0.0                             | V                               |                                                                   | 0.0                            | 44.2               | 83.5                  | -39.3                        |  |
| 21231.770                                                                                                                                                | 33.2                | 36.3                                 | 0.0             | 40.3               | 6.8           | 0.0                             | H                               |                                                                   | 0.0                            | 44.0               | 83.5                  | -39.5                        |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|---------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                     |                    | REV<br>df3.01<br>09/20/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net          |              |                 |            |                           |                          |                                             |                          |                     |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000          |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| High channel, corner reflector antennas                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m)   |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 0.2                 |                    | 37                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:          |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m     | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 39837.300                                                                                                                                                | 43.9             | 27.6                          | 0.0          | 43.8            | 12.0       | 0.0                       | H                        |                                             | 0.0                      | 72.0                | 97.5               | -25.5                       |  |
| 39921.190                                                                                                                                                | 43.4             | 27.5                          | 0.0          | 43.8            | 12.0       | 0.0                       | V                        |                                             | 0.0                      | 71.6                | 97.5               | -25.9                       |  |
| 39318.980                                                                                                                                                | 43.0             | 27.8                          | 0.0          | 43.7            | 11.8       | 0.0                       | H                        |                                             | 0.0                      | 70.7                | 97.5               | -26.8                       |  |
| 39271.040                                                                                                                                                | 43.0             | 27.9                          | 0.0          | 43.7            | 11.8       | 0.0                       | V                        |                                             | 0.0                      | 70.7                | 97.5               | -26.8                       |  |
| 37398.480                                                                                                                                                | 44.8             | 29.1                          | 0.0          | 43.7            | 11.2       | 0.0                       | H                        |                                             | 0.0                      | 70.6                | 97.5               | -26.9                       |  |
| 37380.500                                                                                                                                                | 44.4             | 29.1                          | 0.0          | 43.7            | 11.2       | 0.0                       | V                        |                                             | 0.0                      | 70.2                | 97.5               | -27.3                       |  |
| 36728.090                                                                                                                                                | 44.5             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 69.6                | 97.5               | -27.9                       |  |
| 36701.020                                                                                                                                                | 44.4             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 69.5                | 97.5               | -28.0                       |  |
| 38716.760                                                                                                                                                | 42.2             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 69.4                | 97.5               | -28.1                       |  |
| 38725.750                                                                                                                                                | 42.1             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 69.3                | 97.5               | -28.2                       |  |
| 36797.270                                                                                                                                                | 43.8             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 68.9                | 97.5               | -28.6                       |  |
| 33565.660                                                                                                                                                | 43.8             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | H                        |                                             | 0.0                      | 68.4                | 97.5               | -29.1                       |  |
| 37740.040                                                                                                                                                | 41.6             | 28.8                          | 0.0          | 43.7            | 11.3       | 0.0                       | V                        |                                             | 0.0                      | 67.8                | 97.5               | -29.7                       |  |
| 34039.100                                                                                                                                                | 42.6             | 28.7                          | 0.0          | 43.6            | 10.2       | 0.0                       | H                        |                                             | 0.0                      | 67.6                | 97.5               | -29.9                       |  |
| 33607.770                                                                                                                                                | 42.9             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 67.5                | 97.5               | -30.0                       |  |
| 33866.450                                                                                                                                                | 42.5             | 28.8                          | 0.0          | 43.6            | 10.1       | 0.0                       | H                        |                                             | 0.0                      | 67.4                | 97.5               | -30.1                       |  |
| 36953.670                                                                                                                                                | 42.1             | 29.5                          | 0.0          | 43.7            | 11.1       | 0.0                       | H                        |                                             | 0.0                      | 67.3                | 97.5               | -30.2                       |  |
| 33776.210                                                                                                                                                | 42.5             | 28.9                          | 0.0          | 43.6            | 10.1       | 0.0                       | V                        |                                             | 0.0                      | 67.3                | 97.5               | -30.2                       |  |
| 33824.340                                                                                                                                                | 42.4             | 28.8                          | 0.0          | 43.6            | 10.1       | 0.0                       | H                        |                                             | 0.0                      | 67.3                | 97.5               | -30.2                       |  |
| 34039.100                                                                                                                                                | 42.2             | 28.7                          | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 67.2                | 97.5               | -30.3                       |  |

|                                                                                                                                                          |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------|-----------------|--------------------|---------------|---------------------------------|---------------------------------|-------------------------------------------------------------------|--------------------------------|--------------------|-----------------------|------------------------------|--|
| NORTHWEST<br><b>EMC</b>                                                                                                                                  |                     | <b>RADIATED EMISSIONS DATA SHEET</b> |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       | REV<br>df3.01<br>09/20/2002  |  |
| EUT: WN-5MP01                                                                                                                                            |                     | Work Order: INMC0045                 |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Serial Number:                                                                                                                                           |                     | Date: 10/06/02                       |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Customer: INTERMEC Corporation                                                                                                                           |                     | Temperature: 68                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Attendees: None                                                                                                                                          |                     | Humidity: 46%                        |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Cust. Ref. No.:                                                                                                                                          |                     | Barometric Pressure: 30.41           |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Tested by: Greg Kiemel                                                                                                                                   |                     | Power: DC from E-net                 |                 |                    |               | Job Site: EV01                  |                                 |                                                                   |                                |                    |                       |                              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Specification: FCC 15.209                                                                                                                                |                     | Year: Current 47CFR                  |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Method: ANSI C63.4                                                                                                                                       |                     | Year: 2000                           |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| COMMENTS                                                                                                                                                 |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Mid channel, corner reflector antennas                                                                                                                   |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| EUT OPERATING MODES                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Transmitting on both radios                                                                                                                              |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| No deviations.                                                                                                                                           |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| RESULTS                                                                                                                                                  |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                | Test Distance (m)  |                       | Run #                        |  |
| Evaluation                                                                                                                                               |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                | 0.2                |                       | 38                           |  |
| Other                                                                                                                                                    |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                | Tested By:         |                       |                              |  |
|                                                                                                                                                          |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |
| Freq<br>(MHz)                                                                                                                                            | Amplitude<br>(dBuV) | Preamp<br>(dB)                       | Chamber<br>(dB) | Transducer<br>(dB) | Cable<br>(dB) | External<br>Attenuation<br>(dB) | Polarity/<br>Transducer<br>Type | Detector<br><small>(blank equal peaks<br/>[PK] from scan)</small> | Distance<br>Adjustment<br>(dB) | Adjusted<br>dBuV/m | Spec. Limit<br>dBuV/m | Compared to<br>Spec.<br>(dB) |  |
| 39819.320                                                                                                                                                | 43.9                | 27.6                                 | 0.0             | 43.8               | 11.9          | 0.0                             | V                               |                                                                   | 0.0                            | 72.0               | 97.5                  | -25.5                        |  |
| 39855.280                                                                                                                                                | 43.4                | 27.6                                 | 0.0             | 43.8               | 12.0          | 0.0                             | H                               |                                                                   | 0.0                            | 71.5               | 97.5                  | -26.0                        |  |
| 37344.550                                                                                                                                                | 45.2                | 29.2                                 | 0.0             | 43.7               | 11.2          | 0.0                             | H                               |                                                                   | 0.0                            | 70.9               | 97.5                  | -26.6                        |  |
| 39298.000                                                                                                                                                | 43.0                | 27.9                                 | 0.0             | 43.7               | 11.8          | 0.0                             | H                               |                                                                   | 0.0                            | 70.7               | 97.5                  | -26.8                        |  |
| 39265.050                                                                                                                                                | 43.0                | 27.9                                 | 0.0             | 43.7               | 11.8          | 0.0                             | V                               |                                                                   | 0.0                            | 70.6               | 97.5                  | -26.9                        |  |
| 37347.550                                                                                                                                                | 44.7                | 29.2                                 | 0.0             | 43.7               | 11.2          | 0.0                             | V                               |                                                                   | 0.0                            | 70.4               | 97.5                  | -27.1                        |  |
| 36746.130                                                                                                                                                | 44.6                | 29.6                                 | 0.0             | 43.7               | 11.0          | 0.0                             | V                               |                                                                   | 0.0                            | 69.7               | 97.5                  | -27.8                        |  |
| 38773.690                                                                                                                                                | 42.3                | 28.1                                 | 0.0             | 43.7               | 11.6          | 0.0                             | V                               |                                                                   | 0.0                            | 69.5               | 97.5                  | -28.0                        |  |
| 36664.920                                                                                                                                                | 44.4                | 29.6                                 | 0.0             | 43.7               | 11.0          | 0.0                             | H                               |                                                                   | 0.0                            | 69.4               | 97.5                  | -28.1                        |  |
| 38707.770                                                                                                                                                | 42.2                | 28.1                                 | 0.0             | 43.7               | 11.6          | 0.0                             | H                               |                                                                   | 0.0                            | 69.4               | 97.5                  | -28.1                        |  |
| 33571.680                                                                                                                                                | 43.7                | 29.0                                 | 0.0             | 43.6               | 10.0          | 0.0                             | H                               |                                                                   | 0.0                            | 68.3               | 97.5                  | -29.2                        |  |
| 33628.830                                                                                                                                                | 43.2                | 29.0                                 | 0.0             | 43.6               | 10.0          | 0.0                             | V                               |                                                                   | 0.0                            | 67.8               | 97.5                  | -29.7                        |  |
| 34069.180                                                                                                                                                | 42.6                | 28.7                                 | 0.0             | 43.6               | 10.2          | 0.0                             | V                               |                                                                   | 0.0                            | 67.6               | 97.5                  | -29.9                        |  |
| 34072.190                                                                                                                                                | 42.6                | 28.7                                 | 0.0             | 43.6               | 10.2          | 0.0                             | H                               |                                                                   | 0.0                            | 67.6               | 97.5                  | -29.9                        |  |
| 33797.270                                                                                                                                                | 42.5                | 28.8                                 | 0.0             | 43.6               | 10.1          | 0.0                             | V                               |                                                                   | 0.0                            | 67.3               | 97.5                  | -30.2                        |  |
| 33845.390                                                                                                                                                | 42.4                | 28.8                                 | 0.0             | 43.6               | 10.1          | 0.0                             | H                               |                                                                   | 0.0                            | 67.3               | 97.5                  | -30.2                        |  |
| 36400.230                                                                                                                                                | 41.7                | 29.7                                 | 0.0             | 43.6               | 10.9          | 0.0                             | V                               |                                                                   | 0.0                            | 66.6               | 97.5                  | -30.9                        |  |
| 36313.010                                                                                                                                                | 41.7                | 29.7                                 | 0.0             | 43.6               | 10.9          | 0.0                             | H                               |                                                                   | 0.0                            | 66.5               | 97.5                  | -31.0                        |  |
| 38237.390                                                                                                                                                | 39.4                | 28.4                                 | 0.0             | 43.7               | 11.5          | 0.0                             | H                               |                                                                   | 0.0                            | 66.2               | 97.5                  | -31.3                        |  |
| 35609.180                                                                                                                                                | 41.4                | 29.6                                 | 0.0             | 43.6               | 10.7          | 0.0                             | H                               |                                                                   | 0.0                            | 66.1               | 97.5                  | -31.4                        |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |                            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.01<br>09/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|----------------------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 | Work Order: INMC0045       |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 | Date: 10/06/02             |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 | Temperature: 68            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 | Humidity: 46%              |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 | Barometric Pressure: 30.41 |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  |             |              |                 | Power: DC from E-net       |                           |                          |                                             |                          | Job Site: EV01                |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |                            |                           |                          |                                             |                          | Year: Current 47CFR           |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |                            |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Low channel, corner reflector antennas                                                                                                                   |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |                            |                           |                          |                                             |                          | Test Distance (m)             |                    | Run #                  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |                            |                           |                          |                                             |                          | 0.2                           |                    | 39                     |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |                            |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |                            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB)                 | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 39807.340                                                                                                                                                | 44.0             | 27.6        | 0.0          | 43.8            | 11.9                       | 0.0                       | V                        |                                             | 0.0                      | 72.1                          | 97.5               | -25.4                  |  |                             |  |
| 39852.280                                                                                                                                                | 43.2             | 27.6        | 0.0          | 43.8            | 12.0                       | 0.0                       | H                        |                                             | 0.0                      | 71.3                          | 97.5               | -26.2                  |  |                             |  |
| 39312.980                                                                                                                                                | 43.6             | 27.8        | 0.0          | 43.7            | 11.8                       | 0.0                       | V                        |                                             | 0.0                      | 71.3                          | 97.5               | -26.2                  |  |                             |  |
| 37425.450                                                                                                                                                | 45.2             | 29.1        | 0.0          | 43.7            | 11.2                       | 0.0                       | V                        |                                             | 0.0                      | 71.0                          | 97.5               | -26.5                  |  |                             |  |
| 39235.090                                                                                                                                                | 43.3             | 27.9        | 0.0          | 43.7            | 11.8                       | 0.0                       | H                        |                                             | 0.0                      | 70.9                          | 97.5               | -26.6                  |  |                             |  |
| 37404.470                                                                                                                                                | 44.4             | 29.1        | 0.0          | 43.7            | 11.2                       | 0.0                       | H                        |                                             | 0.0                      | 70.2                          | 97.5               | -27.3                  |  |                             |  |
| 38704.780                                                                                                                                                | 42.7             | 28.1        | 0.0          | 43.7            | 11.6                       | 0.0                       | V                        |                                             | 0.0                      | 69.9                          | 97.5               | -27.6                  |  |                             |  |
| 36652.890                                                                                                                                                | 44.4             | 29.6        | 0.0          | 43.7            | 11.0                       | 0.0                       | V                        |                                             | 0.0                      | 69.4                          | 97.5               | -28.1                  |  |                             |  |
| 36749.140                                                                                                                                                | 44.2             | 29.6        | 0.0          | 43.7            | 11.0                       | 0.0                       | H                        |                                             | 0.0                      | 69.3                          | 97.5               | -28.2                  |  |                             |  |
| 38755.710                                                                                                                                                | 41.9             | 28.1        | 0.0          | 43.7            | 11.6                       | 0.0                       | H                        |                                             | 0.0                      | 69.1                          | 97.5               | -28.4                  |  |                             |  |
| 34123.320                                                                                                                                                | 43.4             | 28.8        | 0.0          | 43.6            | 10.2                       | 0.0                       | V                        |                                             | 0.0                      | 68.4                          | 97.5               | -29.1                  |  |                             |  |
| 33631.840                                                                                                                                                | 43.7             | 29.0        | 0.0          | 43.6            | 10.0                       | 0.0                       | H                        |                                             | 0.0                      | 68.4                          | 97.5               | -29.1                  |  |                             |  |
| 33559.650                                                                                                                                                | 43.5             | 29.0        | 0.0          | 43.6            | 10.0                       | 0.0                       | H                        |                                             | 0.0                      | 68.1                          | 97.5               | -29.4                  |  |                             |  |
| 33547.620                                                                                                                                                | 43.5             | 29.0        | 0.0          | 43.6            | 10.0                       | 0.0                       | V                        |                                             | 0.0                      | 68.1                          | 97.5               | -29.4                  |  |                             |  |
| 34081.210                                                                                                                                                | 42.9             | 28.7        | 0.0          | 43.6            | 10.2                       | 0.0                       | H                        |                                             | 0.0                      | 67.9                          | 97.5               | -29.6                  |  |                             |  |
| 36400.230                                                                                                                                                | 42.1             | 29.7        | 0.0          | 43.6            | 10.9                       | 0.0                       | V                        |                                             | 0.0                      | 67.0                          | 97.5               | -30.5                  |  |                             |  |
| 36343.090                                                                                                                                                | 41.6             | 29.7        | 0.0          | 43.6            | 10.9                       | 0.0                       | H                        |                                             | 0.0                      | 66.4                          | 97.5               | -31.1                  |  |                             |  |
| 33382.190                                                                                                                                                | 41.8             | 29.1        | 0.0          | 43.6            | 10.0                       | 0.0                       | H                        |                                             | 0.0                      | 66.2                          | 97.5               | -31.3                  |  |                             |  |
| 35621.210                                                                                                                                                | 41.5             | 29.6        | 0.0          | 43.6            | 10.7                       | 0.0                       | V                        |                                             | 0.0                      | 66.2                          | 97.5               | -31.3                  |  |                             |  |
| 38264.350                                                                                                                                                | 39.3             | 28.4        | 0.0          | 43.7            | 11.5                       | 0.0                       | V                        |                                             | 0.0                      | 66.1                          | 97.5               | -31.4                  |  |                             |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|---------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                     |                    | REV<br>df3.01<br>09/20/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net          |              |                 |            |                           |                          |                                             |                          |                     |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000          |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Low channel, dipole antennas                                                                                                                             |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m)   |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 0.2                 |                    | 40                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:          |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m     | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 39858.270                                                                                                                                                | 43.7             | 27.6                          | 0.0          | 43.8            | 12.0       | 0.0                       | H                        |                                             | 0.0                      | 71.8                | 97.5               | -25.7                       |  |
| 39837.300                                                                                                                                                | 43.4             | 27.6                          | 0.0          | 43.8            | 12.0       | 0.0                       | V                        |                                             | 0.0                      | 71.5                | 97.5               | -26.0                       |  |
| 39280.030                                                                                                                                                | 43.5             | 27.9                          | 0.0          | 43.7            | 11.8       | 0.0                       | H                        |                                             | 0.0                      | 71.2                | 97.5               | -26.3                       |  |
| 37404.470                                                                                                                                                | 44.8             | 29.1                          | 0.0          | 43.7            | 11.2       | 0.0                       | V                        |                                             | 0.0                      | 70.6                | 97.5               | -26.9                       |  |
| 39309.990                                                                                                                                                | 42.8             | 27.8                          | 0.0          | 43.7            | 11.8       | 0.0                       | V                        |                                             | 0.0                      | 70.5                | 97.5               | -27.0                       |  |
| 37362.530                                                                                                                                                | 44.6             | 29.1                          | 0.0          | 43.7            | 11.2       | 0.0                       | H                        |                                             | 0.0                      | 70.3                | 97.5               | -27.2                       |  |
| 38704.780                                                                                                                                                | 42.5             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 69.7                | 97.5               | -27.8                       |  |
| 36713.050                                                                                                                                                | 44.2             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 69.3                | 97.5               | -28.2                       |  |
| 38761.700                                                                                                                                                | 42.0             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 69.2                | 97.5               | -28.3                       |  |
| 36728.090                                                                                                                                                | 43.8             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 68.9                | 97.5               | -28.6                       |  |
| 33529.570                                                                                                                                                | 43.5             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | H                        |                                             | 0.0                      | 68.0                | 97.5               | -29.5                       |  |
| 34120.310                                                                                                                                                | 42.7             | 28.8                          | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 67.7                | 97.5               | -29.8                       |  |
| 33637.850                                                                                                                                                | 43.0             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 67.7                | 97.5               | -29.8                       |  |
| 34102.270                                                                                                                                                | 42.6             | 28.8                          | 0.0          | 43.6            | 10.2       | 0.0                       | H                        |                                             | 0.0                      | 67.6                | 97.5               | -29.9                       |  |
| 36412.270                                                                                                                                                | 42.0             | 29.7                          | 0.0          | 43.6            | 10.9       | 0.0                       | H                        |                                             | 0.0                      | 66.9                | 97.5               | -30.6                       |  |
| 33833.360                                                                                                                                                | 42.0             | 28.8                          | 0.0          | 43.6            | 10.1       | 0.0                       | H                        |                                             | 0.0                      | 66.9                | 97.5               | -30.6                       |  |
| 33899.530                                                                                                                                                | 41.9             | 28.8                          | 0.0          | 43.6            | 10.1       | 0.0                       | H                        |                                             | 0.0                      | 66.8                | 97.5               | -30.7                       |  |
| 36331.050                                                                                                                                                | 41.9             | 29.7                          | 0.0          | 43.6            | 10.9       | 0.0                       | H                        |                                             | 0.0                      | 66.7                | 97.5               | -30.8                       |  |
| 36331.050                                                                                                                                                | 41.5             | 29.7                          | 0.0          | 43.6            | 10.9       | 0.0                       | V                        |                                             | 0.0                      | 66.3                | 97.5               | -31.2                       |  |
| 35843.790                                                                                                                                                | 41.6             | 29.7                          | 0.0          | 43.6            | 10.7       | 0.0                       | H                        |                                             | 0.0                      | 66.2                | 97.5               | -31.3                       |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|---------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                     |                    | REV<br>df3.01<br>09/20/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net          |              |                 |            |                           |                          |                                             |                          |                     |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000          |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Mid channel, dipole antennas                                                                                                                             |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m)   |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 0.2                 |                    | 41                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:          |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m     | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 39834.300                                                                                                                                                | 43.1             | 27.6                          | 0.0          | 43.8            | 11.9       | 0.0                       | V                        |                                             | 0.0                      | 71.2                | 97.5               | -26.3                       |  |
| 39831.310                                                                                                                                                | 43.1             | 27.6                          | 0.0          | 43.8            | 11.9       | 0.0                       | H                        |                                             | 0.0                      | 71.2                | 97.5               | -26.3                       |  |
| 39660.530                                                                                                                                                | 42.6             | 27.7                          | 0.0          | 43.8            | 11.9       | 0.0                       | H                        |                                             | 0.0                      | 70.6                | 97.5               | -26.9                       |  |
| 39232.090                                                                                                                                                | 42.9             | 27.9                          | 0.0          | 43.7            | 11.8       | 0.0                       | H                        |                                             | 0.0                      | 70.5                | 97.5               | -27.0                       |  |
| 37410.460                                                                                                                                                | 44.7             | 29.1                          | 0.0          | 43.7            | 11.2       | 0.0                       | V                        |                                             | 0.0                      | 70.5                | 97.5               | -27.0                       |  |
| 37329.570                                                                                                                                                | 44.8             | 29.2                          | 0.0          | 43.7            | 11.2       | 0.0                       | H                        |                                             | 0.0                      | 70.5                | 97.5               | -27.0                       |  |
| 39304.000                                                                                                                                                | 42.6             | 27.8                          | 0.0          | 43.7            | 11.8       | 0.0                       | V                        |                                             | 0.0                      | 70.3                | 97.5               | -27.2                       |  |
| 38707.770                                                                                                                                                | 42.4             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 69.6                | 97.5               | -27.9                       |  |
| 36731.090                                                                                                                                                | 44.4             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 69.5                | 97.5               | -28.0                       |  |
| 36776.210                                                                                                                                                | 44.1             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 69.2                | 97.5               | -28.3                       |  |
| 38737.730                                                                                                                                                | 41.7             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 68.9                | 97.5               | -28.6                       |  |
| 34099.260                                                                                                                                                | 43.1             | 28.8                          | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 68.1                | 97.5               | -29.4                       |  |
| 33556.640                                                                                                                                                | 43.3             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | H                        |                                             | 0.0                      | 67.9                | 97.5               | -29.6                       |  |
| 33640.860                                                                                                                                                | 43.0             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 67.7                | 97.5               | -29.8                       |  |
| 33992.770                                                                                                                                                | 42.6             | 28.7                          | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 67.6                | 97.5               | -29.9                       |  |
| 34114.300                                                                                                                                                | 42.2             | 28.8                          | 0.0          | 43.6            | 10.2       | 0.0                       | H                        |                                             | 0.0                      | 67.2                | 97.5               | -30.3                       |  |
| 36986.760                                                                                                                                                | 41.9             | 29.5                          | 0.0          | 43.7            | 11.1       | 0.0                       | V                        |                                             | 0.0                      | 67.1                | 97.5               | -30.4                       |  |
| 33685.980                                                                                                                                                | 42.4             | 28.9                          | 0.0          | 43.6            | 10.1       | 0.0                       | H                        |                                             | 0.0                      | 67.1                | 97.5               | -30.4                       |  |
| 36346.090                                                                                                                                                | 41.9             | 29.7                          | 0.0          | 43.6            | 10.9       | 0.0                       | V                        |                                             | 0.0                      | 66.7                | 97.5               | -30.8                       |  |
| 36397.230                                                                                                                                                | 41.7             | 29.7                          | 0.0          | 43.6            | 10.9       | 0.0                       | V                        |                                             | 0.0                      | 66.6                | 97.5               | -30.9                       |  |

|                                                                                                                                                          |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|---------------------|--------------------|-----------------------------|--|
| NORTHWEST<br><b>EMC</b>                                                                                                                                  |                  | <b>RADIATED EMISSIONS DATA SHEET</b> |              |                 |            |                           |                          |                                             |                          |                     |                    | REV<br>df3.01<br>09/20/2002 |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/06/02                       |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                        |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41           |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC from E-net                 |              |                 |            | Job Site: EV01            |                          |                                             |                          |                     |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |                                      |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                                      |              |                 |            |                           |                          |                                             |                          | Year: 2000          |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| High channel, dipole antennas                                                                                                                            |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                                      |              |                 |            |                           |                          |                                             |                          | Test Distance (m)   |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                                      |              |                 |            |                           |                          |                                             |                          | 0.2                 |                    | 42                          |  |
| Other                                                                                                                                                    |                  |                                      |              |                 |            |                           |                          |                                             |                          | Tested By:          |                    |                             |  |
|                                                                                                                                                          |                  |                                      |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                          | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m     | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 39837.300                                                                                                                                                | 43.4             | 27.6                                 | 0.0          | 43.8            | 12.0       | 0.0                       | V                        |                                             | 0.0                      | 71.5                | 97.5               | -26.0                       |  |
| 39846.290                                                                                                                                                | 43.0             | 27.6                                 | 0.0          | 43.8            | 12.0       | 0.0                       | H                        |                                             | 0.0                      | 71.1                | 97.5               | -26.4                       |  |
| 39295.010                                                                                                                                                | 43.2             | 27.9                                 | 0.0          | 43.7            | 11.8       | 0.0                       | H                        |                                             | 0.0                      | 70.9                | 97.5               | -26.6                       |  |
| 37389.490                                                                                                                                                | 45.0             | 29.1                                 | 0.0          | 43.7            | 11.2       | 0.0                       | V                        |                                             | 0.0                      | 70.8                | 97.5               | -26.7                       |  |
| 39289.020                                                                                                                                                | 43.0             | 27.9                                 | 0.0          | 43.7            | 11.8       | 0.0                       | V                        |                                             | 0.0                      | 70.7                | 97.5               | -26.8                       |  |
| 37356.540                                                                                                                                                | 44.4             | 29.1                                 | 0.0          | 43.7            | 11.2       | 0.0                       | H                        |                                             | 0.0                      | 70.1                | 97.5               | -27.4                       |  |
| 36764.180                                                                                                                                                | 44.4             | 29.6                                 | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 69.5                | 97.5               | -28.0                       |  |
| 38725.750                                                                                                                                                | 42.2             | 28.1                                 | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 69.4                | 97.5               | -28.1                       |  |
| 38704.780                                                                                                                                                | 42.0             | 28.1                                 | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 69.2                | 97.5               | -28.3                       |  |
| 36764.180                                                                                                                                                | 43.9             | 29.6                                 | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 69.0                | 97.5               | -28.5                       |  |
| 33565.660                                                                                                                                                | 43.4             | 29.0                                 | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 68.0                | 97.5               | -29.5                       |  |
| 34012.030                                                                                                                                                | 42.5             | 28.7                                 | 0.0          | 43.6            | 10.2       | 0.0                       | H                        |                                             | 0.0                      | 67.5                | 97.5               | -30.0                       |  |
| 33974.730                                                                                                                                                | 42.3             | 28.7                                 | 0.0          | 43.6            | 10.1       | 0.0                       | V                        |                                             | 0.0                      | 67.3                | 97.5               | -30.2                       |  |
| 33595.740                                                                                                                                                | 42.6             | 29.0                                 | 0.0          | 43.6            | 10.0       | 0.0                       | H                        |                                             | 0.0                      | 67.2                | 97.5               | -30.3                       |  |
| 37772.990                                                                                                                                                | 40.6             | 28.7                                 | 0.0          | 43.7            | 11.3       | 0.0                       | H                        |                                             | 0.0                      | 66.9                | 97.5               | -30.6                       |  |
| 36352.110                                                                                                                                                | 41.8             | 29.7                                 | 0.0          | 43.6            | 10.9       | 0.0                       | H                        |                                             | 0.0                      | 66.6                | 97.5               | -30.9                       |  |
| 36373.160                                                                                                                                                | 41.7             | 29.7                                 | 0.0          | 43.6            | 10.9       | 0.0                       | V                        |                                             | 0.0                      | 66.5                | 97.5               | -31.0                       |  |
| 35666.330                                                                                                                                                | 41.8             | 29.6                                 | 0.0          | 43.6            | 10.7       | 0.0                       | H                        |                                             | 0.0                      | 66.5                | 97.5               | -31.0                       |  |
| 36424.300                                                                                                                                                | 41.5             | 29.7                                 | 0.0          | 43.6            | 10.9       | 0.0                       | H                        |                                             | 0.0                      | 66.4                | 97.5               | -31.1                       |  |
| 35636.250                                                                                                                                                | 41.5             | 29.6                                 | 0.0          | 43.6            | 10.7       | 0.0                       | V                        |                                             | 0.0                      | 66.2                | 97.5               | -31.3                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df3.00<br>08/20/2002 |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/10/02                |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 75               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: none                                                                                                                                          |                  | Humidity: 43%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.3     |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Dan Haas                                                                                                                                      |                  | Power: DC power on Enet       |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Omni Antennas, High Channel                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 1                           |  | 43    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 24911.740                                                                                                                                                | 36.6             | 36.3                          | 0.0          | 40.4            | 7.4        | 0.0                       | H                        |                                             | 0.0                      | 48.2            | 83.5               | -35.3                       |  |       |  |
| 26489.630                                                                                                                                                | 34.4             | 35.0                          | 0.0          | 40.5            | 7.9        | 0.0                       | V                        |                                             | 0.0                      | 47.7            | 83.5               | -35.8                       |  |       |  |
| 26389.020                                                                                                                                                | 34.5             | 35.1                          | 0.0          | 40.5            | 7.8        | 0.0                       | H                        |                                             | 0.0                      | 47.7            | 83.5               | -35.8                       |  |       |  |
| 24901.150                                                                                                                                                | 35.8             | 36.3                          | 0.0          | 40.4            | 7.4        | 0.0                       | V                        |                                             | 0.0                      | 47.4            | 83.5               | -36.1                       |  |       |  |
| 26134.870                                                                                                                                                | 34.4             | 35.4                          | 0.0          | 40.5            | 7.7        | 0.0                       | V                        |                                             | 0.0                      | 47.3            | 83.5               | -36.2                       |  |       |  |
| 25721.860                                                                                                                                                | 34.8             | 35.7                          | 0.0          | 40.5            | 7.6        | 0.0                       | H                        |                                             | 0.0                      | 47.2            | 83.5               | -36.3                       |  |       |  |
| 25679.500                                                                                                                                                | 34.4             | 35.8                          | 0.0          | 40.5            | 7.6        | 0.0                       | V                        |                                             | 0.0                      | 46.8            | 83.5               | -36.7                       |  |       |  |
| 25192.370                                                                                                                                                | 34.9             | 36.1                          | 0.0          | 40.5            | 7.5        | 0.0                       | V                        |                                             | 0.0                      | 46.8            | 83.5               | -36.7                       |  |       |  |
| 24186.340                                                                                                                                                | 35.3             | 36.4                          | 0.0          | 40.4            | 7.0        | 0.0                       | H                        |                                             | 0.0                      | 46.3            | 83.5               | -37.2                       |  |       |  |
| 23815.690                                                                                                                                                | 35.1             | 36.3                          | 0.0          | 40.4            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 46.0            | 83.5               | -37.5                       |  |       |  |
| 24048.670                                                                                                                                                | 35.0             | 36.4                          | 0.0          | 40.4            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 45.9            | 83.5               | -37.6                       |  |       |  |
| 21771.850                                                                                                                                                | 34.6             | 36.1                          | 0.0          | 40.3            | 7.0        | 0.0                       | V                        |                                             | 0.0                      | 45.8            | 83.5               | -37.7                       |  |       |  |
| 21655.360                                                                                                                                                | 34.5             | 36.1                          | 0.0          | 40.3            | 6.9        | 0.0                       | V                        |                                             | 0.0                      | 45.6            | 83.5               | -37.9                       |  |       |  |
| 21533.580                                                                                                                                                | 34.2             | 36.2                          | 0.0          | 40.3            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 45.2            | 83.5               | -38.3                       |  |       |  |
| 23116.760                                                                                                                                                | 34.5             | 36.1                          | 0.0          | 40.4            | 6.5        | 0.0                       | H                        |                                             | 0.0                      | 45.2            | 83.5               | -38.3                       |  |       |  |
| 23699.200                                                                                                                                                | 34.3             | 36.3                          | 0.0          | 40.4            | 6.7        | 0.0                       | H                        |                                             | 0.0                      | 45.1            | 83.5               | -38.4                       |  |       |  |
| 23932.180                                                                                                                                                | 34.2             | 36.4                          | 0.0          | 40.4            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 45.1            | 83.5               | -38.4                       |  |       |  |
| 22401.950                                                                                                                                                | 34.0             | 36.0                          | 0.0          | 40.3            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 45.1            | 83.5               | -38.4                       |  |       |  |
| 23508.590                                                                                                                                                | 34.1             | 36.3                          | 0.0          | 40.4            | 6.7        | 0.0                       | V                        |                                             | 0.0                      | 44.9            | 83.5               | -38.6                       |  |       |  |
| 22311.930                                                                                                                                                | 33.7             | 36.0                          | 0.0          | 40.3            | 6.8        | 0.0                       | H                        |                                             | 0.0                      | 44.8            | 83.5               | -38.7                       |  |       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |                         |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|-------------------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |                         |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          | Date: 10/10/02                |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          | Temperature: 75               |                    |                        |  |                             |  |
| Attendees: none                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          | Humidity: 43%                 |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          | Barometric Pressure: 30.3     |                    |                        |  |                             |  |
| Tested by: Dan Haas                                                                                                                                      |                  |             |              |                 | Power: DC power on Enet |                           |                          |                                             |                          | Job Site: EV01                |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |                         |                           |                          |                                             |                          | Year: Current 47CFR           |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |                         |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Ceiling Mount Antennas, High Channel                                                                                                                     |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |                         |                           |                          |                                             |                          | Test Distance (m)             |                    | Run #                  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |                         |                           |                          |                                             |                          | 1                             |                    | 44                     |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |                         |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB)              | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 24938.210                                                                                                                                                | 35.8             | 36.3        | 0.0          | 40.4            | 7.5                     | 0.0                       | V                        |                                             | 0.0                      | 47.4                          | 83.5               | -36.1                  |  |                             |  |
| 25711.270                                                                                                                                                | 35.0             | 35.7        | 0.0          | 40.5            | 7.6                     | 0.0                       | V                        |                                             | 0.0                      | 47.4                          | 83.5               | -36.1                  |  |                             |  |
| 24938.210                                                                                                                                                | 35.6             | 36.3        | 0.0          | 40.4            | 7.5                     | 0.0                       | H                        |                                             | 0.0                      | 47.2                          | 83.5               | -36.3                  |  |                             |  |
| 24477.560                                                                                                                                                | 35.9             | 36.4        | 0.0          | 40.4            | 7.2                     | 0.0                       | V                        |                                             | 0.0                      | 47.2                          | 83.5               | -36.3                  |  |                             |  |
| 25610.670                                                                                                                                                | 34.8             | 35.8        | 0.0          | 40.5            | 7.6                     | 0.0                       | H                        |                                             | 0.0                      | 47.1                          | 83.5               | -36.4                  |  |                             |  |
| 25690.090                                                                                                                                                | 34.7             | 35.7        | 0.0          | 40.5            | 7.6                     | 0.0                       | H                        |                                             | 0.0                      | 47.1                          | 83.5               | -36.4                  |  |                             |  |
| 26489.630                                                                                                                                                | 33.7             | 35.0        | 0.0          | 40.5            | 7.9                     | 0.0                       | V                        |                                             | 0.0                      | 47.0                          | 83.5               | -36.5                  |  |                             |  |
| 25176.490                                                                                                                                                | 35.0             | 36.2        | 0.0          | 40.5            | 7.5                     | 0.0                       | V                        |                                             | 0.0                      | 46.8                          | 83.5               | -36.7                  |  |                             |  |
| 26452.560                                                                                                                                                | 33.5             | 35.0        | 0.0          | 40.5            | 7.8                     | 0.0                       | H                        |                                             | 0.0                      | 46.8                          | 83.5               | -36.7                  |  |                             |  |
| 24519.920                                                                                                                                                | 35.5             | 36.3        | 0.0          | 40.4            | 7.2                     | 0.0                       | H                        |                                             | 0.0                      | 46.8                          | 83.5               | -36.7                  |  |                             |  |
| 24218.110                                                                                                                                                | 35.7             | 36.4        | 0.0          | 40.4            | 7.0                     | 0.0                       | H                        |                                             | 0.0                      | 46.8                          | 83.5               | -36.7                  |  |                             |  |
| 24588.750                                                                                                                                                | 35.3             | 36.3        | 0.0          | 40.4            | 7.3                     | 0.0                       | H                        |                                             | 0.0                      | 46.6                          | 83.5               | -36.9                  |  |                             |  |
| 25165.900                                                                                                                                                | 34.8             | 36.2        | 0.0          | 40.5            | 7.5                     | 0.0                       | H                        |                                             | 0.0                      | 46.6                          | 83.5               | -36.9                  |  |                             |  |
| 24345.180                                                                                                                                                | 35.4             | 36.4        | 0.0          | 40.4            | 7.1                     | 0.0                       | H                        |                                             | 0.0                      | 46.6                          | 83.5               | -36.9                  |  |                             |  |
| 24260.460                                                                                                                                                | 35.4             | 36.4        | 0.0          | 40.4            | 7.1                     | 0.0                       | V                        |                                             | 0.0                      | 46.5                          | 83.5               | -37.0                  |  |                             |  |
| 21517.700                                                                                                                                                | 35.2             | 36.2        | 0.0          | 40.3            | 6.9                     | 0.0                       | V                        |                                             | 0.0                      | 46.2                          | 83.5               | -37.3                  |  |                             |  |
| 23990.420                                                                                                                                                | 34.8             | 36.4        | 0.0          | 40.4            | 6.9                     | 0.0                       | H                        |                                             | 0.0                      | 45.7                          | 83.5               | -37.8                  |  |                             |  |
| 23683.320                                                                                                                                                | 34.7             | 36.3        | 0.0          | 40.4            | 6.7                     | 0.0                       | V                        |                                             | 0.0                      | 45.5                          | 83.5               | -38.0                  |  |                             |  |
| 22200.740                                                                                                                                                | 34.3             | 36.0        | 0.0          | 40.3            | 6.9                     | 0.0                       | V                        |                                             | 0.0                      | 45.5                          | 83.5               | -38.0                  |  |                             |  |
| 21755.970                                                                                                                                                | 34.2             | 36.1        | 0.0          | 40.3            | 7.0                     | 0.0                       | V                        |                                             | 0.0                      | 45.4                          | 83.5               | -38.1                  |  |                             |  |

|                                                                                                                                                          |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|-----------------|--------------------|---------------|---------------------------------|---------------------------------|-------------------------------------------------------------------|--------------------------------|---------------------|-----------------------|------------------------------|--|
| NORTHWEST                                                                                                                                                |                     | RADIATED EMISSIONS DATA SHEET |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       | REV<br>df3.00<br>08/20/2002  |  |
| EMC                                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| EUT: WN-5MP01                                                                                                                                            |                     | Work Order: INMC0045          |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Serial Number:                                                                                                                                           |                     | Date: 10/10/02                |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Customer: INTERMEC Corporation                                                                                                                           |                     | Temperature: 75               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Attendees: none                                                                                                                                          |                     | Humidity: 43%                 |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Cust. Ref. No.:                                                                                                                                          |                     | Barometric Pressure: 30.3     |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Tested by: Dan Haas                                                                                                                                      |                     | Power: DC power on Enet       |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       | Job Site: EV01               |  |
| TEST SPECIFICATIONS                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Specification: FCC 15.209                                                                                                                                |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                | Year: Current 47CFR |                       |                              |  |
| Method: ANSI C63.4                                                                                                                                       |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                | Year: 2000          |                       |                              |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| COMMENTS                                                                                                                                                 |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Ceiling Mount Antennas, Mid Channel                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| EUT OPERATING MODES                                                                                                                                      |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Transmitting on both radios                                                                                                                              |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| No deviations.                                                                                                                                           |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| RESULTS                                                                                                                                                  |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                | Test Distance (m)   |                       | Run #                        |  |
| Evaluation                                                                                                                                               |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                | 1                   |                       | 45                           |  |
| Other                                                                                                                                                    |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Tested By:                                                                                                                                               |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
|                                                                                                                                                          |                     |                               |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Freq<br>(MHz)                                                                                                                                            | Amplitude<br>(dBuV) | Preamp<br>(dB)                | Chamber<br>(dB) | Transducer<br>(dB) | Cable<br>(dB) | External<br>Attenuation<br>(dB) | Polarity/<br>Transducer<br>Type | Detector<br><small>(blank equal peaks<br/>[PK] from scan)</small> | Distance<br>Adjustment<br>(dB) | Adjusted<br>dBuV/m  | Spec. Limit<br>dBuV/m | Compared to<br>Spec.<br>(dB) |  |
| 24869.380                                                                                                                                                | 36.2                | 36.3                          | 0.0             | 40.4               | 7.4           | 0.0                             | V                               |                                                                   | 0.0                            | 47.8                | 83.5                  | -35.7                        |  |
| 25684.800                                                                                                                                                | 34.9                | 35.8                          | 0.0             | 40.5               | 7.6           | 0.0                             | V                               |                                                                   | 0.0                            | 47.3                | 83.5                  | -36.2                        |  |
| 26489.630                                                                                                                                                | 33.9                | 35.0                          | 0.0             | 40.5               | 7.9           | 0.0                             | V                               |                                                                   | 0.0                            | 47.2                | 83.5                  | -36.3                        |  |
| 25690.090                                                                                                                                                | 34.8                | 35.7                          | 0.0             | 40.5               | 7.6           | 0.0                             | H                               |                                                                   | 0.0                            | 47.2                | 83.5                  | -36.3                        |  |
| 24943.510                                                                                                                                                | 35.5                | 36.3                          | 0.0             | 40.4               | 7.5           | 0.0                             | H                               |                                                                   | 0.0                            | 47.1                | 83.5                  | -36.4                        |  |
| 24207.520                                                                                                                                                | 35.9                | 36.4                          | 0.0             | 40.4               | 7.0           | 0.0                             | V                               |                                                                   | 0.0                            | 47.0                | 83.5                  | -36.5                        |  |
| 25372.400                                                                                                                                                | 34.9                | 36.0                          | 0.0             | 40.5               | 7.6           | 0.0                             | H                               |                                                                   | 0.0                            | 46.9                | 83.5                  | -36.6                        |  |
| 25907.190                                                                                                                                                | 34.3                | 35.6                          | 0.0             | 40.5               | 7.7           | 0.0                             | V                               |                                                                   | 0.0                            | 46.9                | 83.5                  | -36.6                        |  |
| 24567.570                                                                                                                                                | 35.5                | 36.3                          | 0.0             | 40.4               | 7.2           | 0.0                             | V                               |                                                                   | 0.0                            | 46.8                | 83.5                  | -36.7                        |  |
| 24138.680                                                                                                                                                | 35.7                | 36.4                          | 0.0             | 40.4               | 7.0           | 0.0                             | H                               |                                                                   | 0.0                            | 46.7                | 83.5                  | -36.8                        |  |
| 25197.670                                                                                                                                                | 34.8                | 36.1                          | 0.0             | 40.5               | 7.5           | 0.0                             | V                               |                                                                   | 0.0                            | 46.7                | 83.5                  | -36.8                        |  |
| 23005.570                                                                                                                                                | 35.4                | 36.1                          | 0.0             | 40.4               | 6.4           | 0.0                             | H                               |                                                                   | 0.0                            | 46.1                | 83.5                  | -37.4                        |  |
| 24027.490                                                                                                                                                | 34.7                | 36.4                          | 0.0             | 40.4               | 6.9           | 0.0                             | H                               |                                                                   | 0.0                            | 45.6                | 83.5                  | -37.9                        |  |
| 23789.220                                                                                                                                                | 34.5                | 36.3                          | 0.0             | 40.4               | 6.8           | 0.0                             | H                               |                                                                   | 0.0                            | 45.4                | 83.5                  | -38.1                        |  |
| 21978.350                                                                                                                                                | 34.0                | 36.0                          | 0.0             | 40.3               | 7.0           | 0.0                             | V                               |                                                                   | 0.0                            | 45.3                | 83.5                  | -38.2                        |  |
| 23016.160                                                                                                                                                | 34.6                | 36.1                          | 0.0             | 40.4               | 6.4           | 0.0                             | V                               |                                                                   | 0.0                            | 45.3                | 83.5                  | -38.2                        |  |
| 21713.610                                                                                                                                                | 34.1                | 36.1                          | 0.0             | 40.3               | 6.9           | 0.0                             | H                               |                                                                   | 0.0                            | 45.3                | 83.5                  | -38.2                        |  |
| 23873.940                                                                                                                                                | 34.3                | 36.4                          | 0.0             | 40.4               | 6.8           | 0.0                             | V                               |                                                                   | 0.0                            | 45.2                | 83.5                  | -38.3                        |  |
| 21793.030                                                                                                                                                | 33.9                | 36.1                          | 0.0             | 40.3               | 7.0           | 0.0                             | V                               |                                                                   | 0.0                            | 45.1                | 83.5                  | -38.4                        |  |
| 22401.950                                                                                                                                                | 34.0                | 36.0                          | 0.0             | 40.3               | 6.8           | 0.0                             | H                               |                                                                   | 0.0                            | 45.1                | 83.5                  | -38.4                        |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df3.00<br>08/20/2002 |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/10/02                |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 75               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: none                                                                                                                                          |                  | Humidity: 43%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.3     |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Dan Haas                                                                                                                                      |                  | Power: DC power on Enet       |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Omni Antennas, Mid Channel                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 1                           |  | 46    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By: _____                                                                                                                                         |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 24895.860                                                                                                                                                | 36.0             | 36.3                          | 0.0          | 40.4            | 7.4        | 0.0                       | H                        |                                             | 0.0                      | 47.6            | 83.5               | -35.9                       |  |       |  |
| 25605.380                                                                                                                                                | 35.2             | 35.8                          | 0.0          | 40.5            | 7.6        | 0.0                       | H                        |                                             | 0.0                      | 47.5            | 83.5               | -36.0                       |  |       |  |
| 24588.750                                                                                                                                                | 36.0             | 36.3                          | 0.0          | 40.4            | 7.3        | 0.0                       | V                        |                                             | 0.0                      | 47.3            | 83.5               | -36.2                       |  |       |  |
| 24943.510                                                                                                                                                | 35.6             | 36.3                          | 0.0          | 40.4            | 7.5        | 0.0                       | V                        |                                             | 0.0                      | 47.2            | 83.5               | -36.3                       |  |       |  |
| 26341.370                                                                                                                                                | 34.0             | 35.2                          | 0.0          | 40.5            | 7.8        | 0.0                       | V                        |                                             | 0.0                      | 47.1            | 83.5               | -36.4                       |  |       |  |
| 25695.390                                                                                                                                                | 34.6             | 35.7                          | 0.0          | 40.5            | 7.6        | 0.0                       | V                        |                                             | 0.0                      | 47.0            | 83.5               | -36.5                       |  |       |  |
| 26283.130                                                                                                                                                | 33.7             | 35.2                          | 0.0          | 40.5            | 7.8        | 0.0                       | H                        |                                             | 0.0                      | 46.8            | 83.5               | -36.7                       |  |       |  |
| 24207.520                                                                                                                                                | 35.5             | 36.4                          | 0.0          | 40.4            | 7.0        | 0.0                       | V                        |                                             | 0.0                      | 46.6            | 83.5               | -36.9                       |  |       |  |
| 22036.600                                                                                                                                                | 34.2             | 36.0                          | 0.0          | 40.3            | 7.0        | 0.0                       | H                        |                                             | 0.0                      | 45.5            | 83.5               | -38.0                       |  |       |  |
| 21655.360                                                                                                                                                | 34.3             | 36.1                          | 0.0          | 40.3            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 45.4            | 83.5               | -38.1                       |  |       |  |
| 21401.210                                                                                                                                                | 34.3             | 36.2                          | 0.0          | 40.3            | 6.9        | 0.0                       | H                        |                                             | 0.0                      | 45.3            | 83.5               | -38.2                       |  |       |  |
| 23720.380                                                                                                                                                | 34.4             | 36.3                          | 0.0          | 40.4            | 6.8        | 0.0                       | V                        |                                             | 0.0                      | 45.2            | 83.5               | -38.3                       |  |       |  |
| 22105.430                                                                                                                                                | 33.8             | 36.0                          | 0.0          | 40.3            | 6.9        | 0.0                       | V                        |                                             | 0.0                      | 45.1            | 83.5               | -38.4                       |  |       |  |
| 21533.580                                                                                                                                                | 34.0             | 36.2                          | 0.0          | 40.3            | 6.9        | 0.0                       | V                        |                                             | 0.0                      | 45.0            | 83.5               | -38.5                       |  |       |  |
| 23084.990                                                                                                                                                | 34.3             | 36.1                          | 0.0          | 40.4            | 6.4        | 0.0                       | V                        |                                             | 0.0                      | 45.0            | 83.5               | -38.5                       |  |       |  |
| 23063.810                                                                                                                                                | 34.3             | 36.1                          | 0.0          | 40.4            | 6.4        | 0.0                       | H                        |                                             | 0.0                      | 45.0            | 83.5               | -38.5                       |  |       |  |
| 22534.320                                                                                                                                                | 34.0             | 36.1                          | 0.0          | 40.4            | 6.7        | 0.0                       | V                        |                                             | 0.0                      | 45.0            | 83.5               | -38.5                       |  |       |  |
| 23423.870                                                                                                                                                | 34.2             | 36.2                          | 0.0          | 40.4            | 6.6        | 0.0                       | V                        |                                             | 0.0                      | 45.0            | 83.5               | -38.5                       |  |       |  |
| 22571.380                                                                                                                                                | 33.8             | 36.1                          | 0.0          | 40.4            | 6.7        | 0.0                       | H                        |                                             | 0.0                      | 44.8            | 83.5               | -38.7                       |  |       |  |
| 22883.790                                                                                                                                                | 33.9             | 36.1                          | 0.0          | 40.4            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 44.6            | 83.5               | -38.9                       |  |       |  |

|                                                                                                                                                          |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------|-----------------|--------------------|---------------|---------------------------------|---------------------------------|-------------------------------------------------------------------|--------------------------------|---------------------|-----------------------|------------------------------|--|
| NORTHWEST<br><b>EMC</b>                                                                                                                                  |                     | <b>RADIATED EMISSIONS DATA SHEET</b> |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       | REV<br>df3.00<br>08/20/2002  |  |
| EUT: WN-5MP01                                                                                                                                            |                     | Work Order: INMC0045                 |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Serial Number:                                                                                                                                           |                     | Date: 10/10/02                       |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Customer: INTERMEC Corporation                                                                                                                           |                     | Temperature: 75                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Attendees: none                                                                                                                                          |                     | Humidity: 43%                        |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Cust. Ref. No.:                                                                                                                                          |                     | Barometric Pressure: 30.3            |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Tested by: Dan Haas                                                                                                                                      |                     | Power: DC power on Enet              |                 |                    |               | Job Site: EV01                  |                                 |                                                                   |                                |                     |                       |                              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Specification: FCC 15.209                                                                                                                                |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                | Year: Current 47CFR |                       |                              |  |
| Method: ANSI C63.4                                                                                                                                       |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                | Year: 2000          |                       |                              |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| COMMENTS                                                                                                                                                 |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Omni Antennas, Low Channel                                                                                                                               |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| EUT OPERATING MODES                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Transmitting on both radios                                                                                                                              |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| No deviations.                                                                                                                                           |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| RESULTS                                                                                                                                                  |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                | Test Distance (m)   |                       | Run #                        |  |
| Evaluation                                                                                                                                               |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                | 1                   |                       | 47                           |  |
| Other                                                                                                                                                    |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Tested By: _____                                                                                                                                         |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
|                                                                                                                                                          |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                     |                       |                              |  |
| Freq<br>(MHz)                                                                                                                                            | Amplitude<br>(dBuV) | Preamp<br>(dB)                       | Chamber<br>(dB) | Transducer<br>(dB) | Cable<br>(dB) | External<br>Attenuation<br>(dB) | Polarity/<br>Transducer<br>Type | Detector<br><small>(blank equal peaks<br/>[PK] from scan)</small> | Distance<br>Adjustment<br>(dB) | Adjusted<br>dBuV/m  | Spec. Limit<br>dBuV/m | Compared to<br>Spec.<br>(dB) |  |
| 26489.630                                                                                                                                                | 34.6                | 35.0                                 | 0.0             | 40.5               | 7.9           | 0.0                             | V                               |                                                                   | 0.0                            | 47.9                | 83.5                  | -35.6                        |  |
| 24948.800                                                                                                                                                | 36.2                | 36.3                                 | 0.0             | 40.4               | 7.5           | 0.0                             | H                               |                                                                   | 0.0                            | 47.8                | 83.5                  | -35.7                        |  |
| 25727.160                                                                                                                                                | 34.9                | 35.7                                 | 0.0             | 40.5               | 7.6           | 0.0                             | V                               |                                                                   | 0.0                            | 47.3                | 83.5                  | -36.2                        |  |
| 26431.380                                                                                                                                                | 34.0                | 35.1                                 | 0.0             | 40.5               | 7.8           | 0.0                             | H                               |                                                                   | 0.0                            | 47.3                | 83.5                  | -36.2                        |  |
| 26171.930                                                                                                                                                | 34.3                | 35.3                                 | 0.0             | 40.5               | 7.8           | 0.0                             | H                               |                                                                   | 0.0                            | 47.2                | 83.5                  | -36.3                        |  |
| 24895.860                                                                                                                                                | 35.6                | 36.3                                 | 0.0             | 40.4               | 7.4           | 0.0                             | V                               |                                                                   | 0.0                            | 47.2                | 83.5                  | -36.3                        |  |
| 24525.210                                                                                                                                                | 35.7                | 36.3                                 | 0.0             | 40.4               | 7.2           | 0.0                             | H                               |                                                                   | 0.0                            | 47.0                | 83.5                  | -36.5                        |  |
| 25642.440                                                                                                                                                | 34.6                | 35.8                                 | 0.0             | 40.5               | 7.6           | 0.0                             | H                               |                                                                   | 0.0                            | 46.9                | 83.5                  | -36.6                        |  |
| 24218.110                                                                                                                                                | 35.8                | 36.4                                 | 0.0             | 40.4               | 7.0           | 0.0                             | H                               |                                                                   | 0.0                            | 46.9                | 83.5                  | -36.6                        |  |
| 25139.420                                                                                                                                                | 35.0                | 36.2                                 | 0.0             | 40.5               | 7.5           | 0.0                             | H                               |                                                                   | 0.0                            | 46.8                | 83.5                  | -36.7                        |  |
| 24218.110                                                                                                                                                | 35.7                | 36.4                                 | 0.0             | 40.4               | 7.0           | 0.0                             | V                               |                                                                   | 0.0                            | 46.8                | 83.5                  | -36.7                        |  |
| 24461.670                                                                                                                                                | 35.4                | 36.4                                 | 0.0             | 40.4               | 7.2           | 0.0                             | V                               |                                                                   | 0.0                            | 46.6                | 83.5                  | -36.9                        |  |
| 24043.370                                                                                                                                                | 35.7                | 36.4                                 | 0.0             | 40.4               | 6.9           | 0.0                             | V                               |                                                                   | 0.0                            | 46.6                | 83.5                  | -36.9                        |  |
| 21586.530                                                                                                                                                | 35.1                | 36.2                                 | 0.0             | 40.3               | 6.9           | 0.0                             | H                               |                                                                   | 0.0                            | 46.2                | 83.5                  | -37.3                        |  |
| 23768.040                                                                                                                                                | 34.9                | 36.3                                 | 0.0             | 40.4               | 6.8           | 0.0                             | V                               |                                                                   | 0.0                            | 45.7                | 83.5                  | -37.8                        |  |
| 23175.010                                                                                                                                                | 34.9                | 36.2                                 | 0.0             | 40.4               | 6.5           | 0.0                             | V                               |                                                                   | 0.0                            | 45.6                | 83.5                  | -37.9                        |  |
| 21575.940                                                                                                                                                | 34.5                | 36.2                                 | 0.0             | 40.3               | 6.9           | 0.0                             | V                               |                                                                   | 0.0                            | 45.6                | 83.5                  | -37.9                        |  |
| 22375.470                                                                                                                                                | 34.4                | 36.0                                 | 0.0             | 40.3               | 6.8           | 0.0                             | H                               |                                                                   | 0.0                            | 45.5                | 83.5                  | -38.0                        |  |
| 21994.240                                                                                                                                                | 34.0                | 36.0                                 | 0.0             | 40.3               | 7.0           | 0.0                             | H                               |                                                                   | 0.0                            | 45.3                | 83.5                  | -38.2                        |  |
| 23948.060                                                                                                                                                | 34.4                | 36.4                                 | 0.0             | 40.4               | 6.9           | 0.0                             | H                               |                                                                   | 0.0                            | 45.3                | 83.5                  | -38.2                        |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |                         |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|-------------------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |                         |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          | Date: 10/10/02                |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          | Temperature: 75               |                    |                        |  |                             |  |
| Attendees: none                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          | Humidity: 43%                 |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          | Barometric Pressure: 30.3     |                    |                        |  |                             |  |
| Tested by: Dan Haas                                                                                                                                      |                  |             |              |                 | Power: DC power on Enet |                           |                          |                                             |                          | Job Site: EV01                |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |                         |                           |                          |                                             |                          | Year: Current 47CFR           |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |                         |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Ceiling Mount Antennas, Low Channel                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |                         |                           |                          |                                             |                          | Test Distance (m)             |                    | Run #                  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |                         |                           |                          |                                             |                          | 1                             |                    | 48                     |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |                         |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB)              | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 24911.740                                                                                                                                                | 36.0             | 36.3        | 0.0          | 40.4            | 7.4                     | 0.0                       | V                        |                                             | 0.0                      | 47.6                          | 83.5               | -35.9                  |  |                             |  |
| 26473.740                                                                                                                                                | 34.2             | 35.0        | 0.0          | 40.5            | 7.8                     | 0.0                       | H                        |                                             | 0.0                      | 47.5                          | 83.5               | -36.0                  |  |                             |  |
| 24583.460                                                                                                                                                | 36.1             | 36.3        | 0.0          | 40.4            | 7.3                     | 0.0                       | H                        |                                             | 0.0                      | 47.4                          | 83.5               | -36.1                  |  |                             |  |
| 26235.470                                                                                                                                                | 34.2             | 35.3        | 0.0          | 40.5            | 7.8                     | 0.0                       | V                        |                                             | 0.0                      | 47.2                          | 83.5               | -36.3                  |  |                             |  |
| 26304.300                                                                                                                                                | 34.1             | 35.2        | 0.0          | 40.5            | 7.8                     | 0.0                       | V                        |                                             | 0.0                      | 47.2                          | 83.5               | -36.3                  |  |                             |  |
| 25711.270                                                                                                                                                | 34.6             | 35.7        | 0.0          | 40.5            | 7.6                     | 0.0                       | H                        |                                             | 0.0                      | 47.0                          | 83.5               | -36.5                  |  |                             |  |
| 24784.660                                                                                                                                                | 35.4             | 36.3        | 0.0          | 40.4            | 7.4                     | 0.0                       | H                        |                                             | 0.0                      | 46.9                          | 83.5               | -36.6                  |  |                             |  |
| 25600.080                                                                                                                                                | 34.6             | 35.8        | 0.0          | 40.5            | 7.6                     | 0.0                       | V                        |                                             | 0.0                      | 46.9                          | 83.5               | -36.6                  |  |                             |  |
| 24149.270                                                                                                                                                | 35.7             | 36.4        | 0.0          | 40.4            | 7.0                     | 0.0                       | H                        |                                             | 0.0                      | 46.7                          | 83.5               | -36.8                  |  |                             |  |
| 24228.700                                                                                                                                                | 35.6             | 36.4        | 0.0          | 40.4            | 7.0                     | 0.0                       | V                        |                                             | 0.0                      | 46.7                          | 83.5               | -36.8                  |  |                             |  |
| 25388.280                                                                                                                                                | 34.5             | 36.0        | 0.0          | 40.5            | 7.6                     | 0.0                       | V                        |                                             | 0.0                      | 46.6                          | 83.5               | -36.9                  |  |                             |  |
| 23084.990                                                                                                                                                | 35.4             | 36.1        | 0.0          | 40.4            | 6.4                     | 0.0                       | H                        |                                             | 0.0                      | 46.1                          | 83.5               | -37.4                  |  |                             |  |
| 21787.740                                                                                                                                                | 34.4             | 36.1        | 0.0          | 40.3            | 7.0                     | 0.0                       | H                        |                                             | 0.0                      | 45.6                          | 83.5               | -37.9                  |  |                             |  |
| 21390.620                                                                                                                                                | 34.6             | 36.2        | 0.0          | 40.3            | 6.9                     | 0.0                       | V                        |                                             | 0.0                      | 45.5                          | 83.5               | -38.0                  |  |                             |  |
| 21777.150                                                                                                                                                | 34.1             | 36.1        | 0.0          | 40.3            | 7.0                     | 0.0                       | V                        |                                             | 0.0                      | 45.3                          | 83.5               | -38.2                  |  |                             |  |
| 21348.260                                                                                                                                                | 34.3             | 36.3        | 0.0          | 40.3            | 6.9                     | 0.0                       | H                        |                                             | 0.0                      | 45.2                          | 83.5               | -38.3                  |  |                             |  |
| 21491.220                                                                                                                                                | 34.2             | 36.2        | 0.0          | 40.3            | 6.9                     | 0.0                       | H                        |                                             | 0.0                      | 45.2                          | 83.5               | -38.3                  |  |                             |  |
| 23900.410                                                                                                                                                | 34.3             | 36.4        | 0.0          | 40.4            | 6.9                     | 0.0                       | H                        |                                             | 0.0                      | 45.2                          | 83.5               | -38.3                  |  |                             |  |
| 22338.410                                                                                                                                                | 34.0             | 36.0        | 0.0          | 40.3            | 6.8                     | 0.0                       | V                        |                                             | 0.0                      | 45.1                          | 83.5               | -38.4                  |  |                             |  |
| 23169.710                                                                                                                                                | 34.4             | 36.2        | 0.0          | 40.4            | 6.5                     | 0.0                       | V                        |                                             | 0.0                      | 45.1                          | 83.5               | -38.4                  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |                         |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|-------------------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |                         |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          | Date: 10/10/02                |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          | Temperature: 75               |                    |                        |  |                             |  |
| Attendees: none                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          | Humidity: 43%                 |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          | Barometric Pressure: 30.3     |                    |                        |  |                             |  |
| Tested by: Dan Haas                                                                                                                                      |                  |             |              |                 | Power: DC power on Enet |                           |                          |                                             |                          | Job Site: EV01                |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |                         |                           |                          |                                             |                          | Year: Current 47CFR           |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |                         |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Ceiling Mount Antennas, Low Channel                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |                         |                           |                          |                                             |                          | Test Distance (m)             |                    | Run #                  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |                         |                           |                          |                                             |                          | 0.2                           |                    | 49                     |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |                         |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB)              | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 39828.310                                                                                                                                                | 43.3             | 27.6        | 0.0          | 43.8            | 11.9                    | 0.0                       | V                        |                                             | 0.0                      | 71.4                          | 97.5               | -26.1                  |  |                             |  |
| 39867.260                                                                                                                                                | 42.9             | 27.6        | 0.0          | 43.8            | 12.0                    | 0.0                       | H                        |                                             | 0.0                      | 71.1                          | 97.5               | -26.4                  |  |                             |  |
| 39286.020                                                                                                                                                | 43.0             | 27.9        | 0.0          | 43.7            | 11.8                    | 0.0                       | V                        |                                             | 0.0                      | 70.7                          | 97.5               | -26.8                  |  |                             |  |
| 37404.470                                                                                                                                                | 44.6             | 29.1        | 0.0          | 43.7            | 11.2                    | 0.0                       | V                        |                                             | 0.0                      | 70.4                          | 97.5               | -27.1                  |  |                             |  |
| 39309.990                                                                                                                                                | 42.7             | 27.8        | 0.0          | 43.7            | 11.8                    | 0.0                       | H                        |                                             | 0.0                      | 70.4                          | 97.5               | -27.1                  |  |                             |  |
| 37359.530                                                                                                                                                | 44.5             | 29.1        | 0.0          | 43.7            | 11.2                    | 0.0                       | H                        |                                             | 0.0                      | 70.2                          | 97.5               | -27.3                  |  |                             |  |
| 38731.740                                                                                                                                                | 42.0             | 28.1        | 0.0          | 43.7            | 11.6                    | 0.0                       | H                        |                                             | 0.0                      | 69.2                          | 97.5               | -28.3                  |  |                             |  |
| 38710.770                                                                                                                                                | 41.7             | 28.1        | 0.0          | 43.7            | 11.6                    | 0.0                       | V                        |                                             | 0.0                      | 68.9                          | 97.5               | -28.6                  |  |                             |  |
| 36698.010                                                                                                                                                | 43.8             | 29.6        | 0.0          | 43.7            | 11.0                    | 0.0                       | V                        |                                             | 0.0                      | 68.9                          | 97.5               | -28.6                  |  |                             |  |
| 36716.050                                                                                                                                                | 43.6             | 29.6        | 0.0          | 43.7            | 11.0                    | 0.0                       | H                        |                                             | 0.0                      | 68.7                          | 97.5               | -28.8                  |  |                             |  |
| 34048.130                                                                                                                                                | 42.8             | 28.7        | 0.0          | 43.6            | 10.2                    | 0.0                       | H                        |                                             | 0.0                      | 67.8                          | 97.5               | -29.7                  |  |                             |  |
| 33604.770                                                                                                                                                | 42.9             | 29.0        | 0.0          | 43.6            | 10.0                    | 0.0                       | H                        |                                             | 0.0                      | 67.5                          | 97.5               | -30.0                  |  |                             |  |
| 34054.140                                                                                                                                                | 42.4             | 28.7        | 0.0          | 43.6            | 10.2                    | 0.0                       | V                        |                                             | 0.0                      | 67.4                          | 97.5               | -30.1                  |  |                             |  |
| 33643.870                                                                                                                                                | 42.7             | 28.9        | 0.0          | 43.6            | 10.0                    | 0.0                       | H                        |                                             | 0.0                      | 67.4                          | 97.5               | -30.1                  |  |                             |  |
| 33565.660                                                                                                                                                | 42.7             | 29.0        | 0.0          | 43.6            | 10.0                    | 0.0                       | V                        |                                             | 0.0                      | 67.3                          | 97.5               | -30.2                  |  |                             |  |
| 33788.240                                                                                                                                                | 42.1             | 28.8        | 0.0          | 43.6            | 10.1                    | 0.0                       | H                        |                                             | 0.0                      | 66.9                          | 97.5               | -30.6                  |  |                             |  |
| 33911.560                                                                                                                                                | 41.8             | 28.8        | 0.0          | 43.6            | 10.1                    | 0.0                       | V                        |                                             | 0.0                      | 66.7                          | 97.5               | -30.8                  |  |                             |  |
| 36306.990                                                                                                                                                | 41.8             | 29.7        | 0.0          | 43.6            | 10.9                    | 0.0                       | H                        |                                             | 0.0                      | 66.6                          | 97.5               | -30.9                  |  |                             |  |
| 36340.080                                                                                                                                                | 41.2             | 29.7        | 0.0          | 43.6            | 10.9                    | 0.0                       | V                        |                                             | 0.0                      | 66.0                          | 97.5               | -31.5                  |  |                             |  |
| 38240.380                                                                                                                                                | 39.1             | 28.4        | 0.0          | 43.7            | 11.5                    | 0.0                       | V                        |                                             | 0.0                      | 65.9                          | 97.5               | -31.6                  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Date: 10/10/02                |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Temperature: 75               |                    |                        |  |                             |  |
| Attendees: none                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Humidity: 43%                 |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Barometric Pressure: 30.3     |                    |                        |  |                             |  |
| Tested by: Dan Haas                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          | Power: DC power on Enet       |                    |                        |  | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR           |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Omni Antennas, Low Channel                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          |                                             |                          | Test Distance (m)             |                    | Run #                  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          | 0.2                           |                    | 50                     |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 39804.340                                                                                                                                                | 43.4             | 27.6        | 0.0          | 43.8            | 11.9       | 0.0                       | H                        |                                             | 0.0                      | 71.5                          | 97.5               | -26.0                  |  |                             |  |
| 39906.210                                                                                                                                                | 43.3             | 27.5        | 0.0          | 43.8            | 12.0       | 0.0                       | V                        |                                             | 0.0                      | 71.5                          | 97.5               | -26.0                  |  |                             |  |
| 37428.440                                                                                                                                                | 44.9             | 29.1        | 0.0          | 43.7            | 11.2       | 0.0                       | H                        |                                             | 0.0                      | 70.7                          | 97.5               | -26.8                  |  |                             |  |
| 39208.120                                                                                                                                                | 42.9             | 27.9        | 0.0          | 43.7            | 11.8       | 0.0                       | V                        |                                             | 0.0                      | 70.5                          | 97.5               | -27.0                  |  |                             |  |
| 39295.010                                                                                                                                                | 42.7             | 27.9        | 0.0          | 43.7            | 11.8       | 0.0                       | H                        |                                             | 0.0                      | 70.4                          | 97.5               | -27.1                  |  |                             |  |
| 37413.460                                                                                                                                                | 44.4             | 29.1        | 0.0          | 43.7            | 11.2       | 0.0                       | V                        |                                             | 0.0                      | 70.2                          | 97.5               | -27.3                  |  |                             |  |
| 38755.710                                                                                                                                                | 42.4             | 28.1        | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 69.6                          | 97.5               | -27.9                  |  |                             |  |
| 36725.080                                                                                                                                                | 44.4             | 29.6        | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 69.5                          | 97.5               | -28.0                  |  |                             |  |
| 38668.820                                                                                                                                                | 42.2             | 28.2        | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 69.3                          | 97.5               | -28.2                  |  |                             |  |
| 36743.130                                                                                                                                                | 44.2             | 29.6        | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 69.3                          | 97.5               | -28.2                  |  |                             |  |
| 33547.620                                                                                                                                                | 43.2             | 29.0        | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 67.8                          | 97.5               | -29.7                  |  |                             |  |
| 33586.720                                                                                                                                                | 43.0             | 29.0        | 0.0          | 43.6            | 10.0       | 0.0                       | H                        |                                             | 0.0                      | 67.6                          | 97.5               | -29.9                  |  |                             |  |
| 34003.010                                                                                                                                                | 42.5             | 28.7        | 0.0          | 43.6            | 10.2       | 0.0                       | H                        |                                             | 0.0                      | 67.5                          | 97.5               | -30.0                  |  |                             |  |
| 34006.020                                                                                                                                                | 42.4             | 28.7        | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 67.4                          | 97.5               | -30.1                  |  |                             |  |
| 34189.490                                                                                                                                                | 42.2             | 28.8        | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 67.2                          | 97.5               | -30.3                  |  |                             |  |
| 33454.380                                                                                                                                                | 42.7             | 29.1        | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 67.2                          | 97.5               | -30.3                  |  |                             |  |
| 36977.730                                                                                                                                                | 41.8             | 29.5        | 0.0          | 43.7            | 11.1       | 0.0                       | H                        |                                             | 0.0                      | 67.0                          | 97.5               | -30.5                  |  |                             |  |
| 38554.970                                                                                                                                                | 39.8             | 28.2        | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 66.9                          | 97.5               | -30.6                  |  |                             |  |
| 36310.000                                                                                                                                                | 41.8             | 29.7        | 0.0          | 43.6            | 10.9       | 0.0                       | V                        |                                             | 0.0                      | 66.6                          | 97.5               | -30.9                  |  |                             |  |
| 36288.950                                                                                                                                                | 41.3             | 29.7        | 0.0          | 43.6            | 10.9       | 0.0                       | H                        |                                             | 0.0                      | 66.1                          | 97.5               | -31.4                  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |                         |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|-------------------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |                         |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          | Date: 10/10/02                |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          | Temperature: 75               |                    |                        |  |                             |  |
| Attendees: none                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          | Humidity: 43%                 |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          | Barometric Pressure: 30.3     |                    |                        |  |                             |  |
| Tested by: Dan Haas                                                                                                                                      |                  |             |              |                 | Power: DC power on Enet |                           |                          |                                             |                          | Job Site: EV01                |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |                         |                           |                          |                                             |                          | Year: Current 47CFR           |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |                         |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Omni Antennas, Mid Channel                                                                                                                               |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |                         |                           |                          |                                             |                          | Test Distance (m)             |                    | Run #                  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |                         |                           |                          |                                             |                          | 0.2                           |                    | 51                     |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |                         |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |                         |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB)              | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 39885.240                                                                                                                                                | 43.4             | 27.6        | 0.0          | 43.8            | 12.0                    | 0.0                       | H                        |                                             | 0.0                      | 71.6                          | 97.5               | -25.9                  |  |                             |  |
| 39831.310                                                                                                                                                | 43.4             | 27.6        | 0.0          | 43.8            | 11.9                    | 0.0                       | V                        |                                             | 0.0                      | 71.5                          | 97.5               | -26.0                  |  |                             |  |
| 39259.050                                                                                                                                                | 43.6             | 27.9        | 0.0          | 43.7            | 11.8                    | 0.0                       | V                        |                                             | 0.0                      | 71.2                          | 97.5               | -26.3                  |  |                             |  |
| 39522.710                                                                                                                                                | 43.2             | 27.7        | 0.0          | 43.8            | 11.9                    | 0.0                       | H                        |                                             | 0.0                      | 71.1                          | 97.5               | -26.4                  |  |                             |  |
| 39315.980                                                                                                                                                | 43.0             | 27.8        | 0.0          | 43.7            | 11.8                    | 0.0                       | H                        |                                             | 0.0                      | 70.7                          | 97.5               | -26.8                  |  |                             |  |
| 37389.490                                                                                                                                                | 44.9             | 29.1        | 0.0          | 43.7            | 11.2                    | 0.0                       | V                        |                                             | 0.0                      | 70.7                          | 97.5               | -26.8                  |  |                             |  |
| 37476.380                                                                                                                                                | 44.4             | 29.0        | 0.0          | 43.7            | 11.2                    | 0.0                       | H                        |                                             | 0.0                      | 70.3                          | 97.5               | -27.2                  |  |                             |  |
| 36725.080                                                                                                                                                | 44.7             | 29.6        | 0.0          | 43.7            | 11.0                    | 0.0                       | V                        |                                             | 0.0                      | 69.8                          | 97.5               | -27.7                  |  |                             |  |
| 36773.200                                                                                                                                                | 44.4             | 29.6        | 0.0          | 43.7            | 11.0                    | 0.0                       | H                        |                                             | 0.0                      | 69.5                          | 97.5               | -28.0                  |  |                             |  |
| 38698.790                                                                                                                                                | 42.1             | 28.2        | 0.0          | 43.7            | 11.6                    | 0.0                       | H                        |                                             | 0.0                      | 69.3                          | 97.5               | -28.2                  |  |                             |  |
| 38782.680                                                                                                                                                | 41.8             | 28.1        | 0.0          | 43.7            | 11.6                    | 0.0                       | V                        |                                             | 0.0                      | 69.0                          | 97.5               | -28.5                  |  |                             |  |
| 34045.120                                                                                                                                                | 42.9             | 28.7        | 0.0          | 43.6            | 10.2                    | 0.0                       | V                        |                                             | 0.0                      | 67.9                          | 97.5               | -29.6                  |  |                             |  |
| 33604.770                                                                                                                                                | 43.0             | 29.0        | 0.0          | 43.6            | 10.0                    | 0.0                       | H                        |                                             | 0.0                      | 67.6                          | 97.5               | -29.9                  |  |                             |  |
| 33634.840                                                                                                                                                | 42.9             | 29.0        | 0.0          | 43.6            | 10.0                    | 0.0                       | V                        |                                             | 0.0                      | 67.6                          | 97.5               | -29.9                  |  |                             |  |
| 34060.160                                                                                                                                                | 42.2             | 28.7        | 0.0          | 43.6            | 10.2                    | 0.0                       | H                        |                                             | 0.0                      | 67.2                          | 97.5               | -30.3                  |  |                             |  |
| 36334.060                                                                                                                                                | 41.9             | 29.7        | 0.0          | 43.6            | 10.9                    | 0.0                       | H                        |                                             | 0.0                      | 66.7                          | 97.5               | -30.8                  |  |                             |  |
| 36337.070                                                                                                                                                | 41.6             | 29.7        | 0.0          | 43.6            | 10.9                    | 0.0                       | V                        |                                             | 0.0                      | 66.4                          | 97.5               | -31.1                  |  |                             |  |
| 35897.930                                                                                                                                                | 41.4             | 29.7        | 0.0          | 43.6            | 10.7                    | 0.0                       | V                        |                                             | 0.0                      | 66.0                          | 97.5               | -31.5                  |  |                             |  |
| 35964.100                                                                                                                                                | 41.4             | 29.8        | 0.0          | 43.6            | 10.8                    | 0.0                       | H                        |                                             | 0.0                      | 66.0                          | 97.5               | -31.5                  |  |                             |  |
| 33276.910                                                                                                                                                | 41.7             | 29.2        | 0.0          | 43.6            | 9.9                     | 0.0                       | V                        |                                             | 0.0                      | 66.0                          | 97.5               | -31.5                  |  |                             |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df3.00<br>08/20/2002 |  |       |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/10/02                |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 75               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: none                                                                                                                                          |                  | Humidity: 43%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.3     |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Dan Haas                                                                                                                                      |                  | Power: DC power on Enet       |              |                 |            |                           |                          |                                             |                          |                 |                    | Job Site: EV01              |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC 15.209                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Year: Current 47CFR         |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Year: 2000                  |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Ceiling Mount Antennas, Mid Channel                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 0.2                         |  | 52    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 39840.300                                                                                                                                                | 43.8             | 27.6                          | 0.0          | 43.8            | 12.0       | 0.0                       | V                        |                                             | 0.0                      | 71.9            | 97.5               | -25.6                       |  |       |  |
| 39888.230                                                                                                                                                | 43.0             | 27.6                          | 0.0          | 43.8            | 12.0       | 0.0                       | H                        |                                             | 0.0                      | 71.2            | 97.5               | -26.3                       |  |       |  |
| 39250.070                                                                                                                                                | 43.5             | 27.9                          | 0.0          | 43.7            | 11.8       | 0.0                       | V                        |                                             | 0.0                      | 71.1            | 97.5               | -26.4                       |  |       |  |
| 39301.000                                                                                                                                                | 43.4             | 27.8                          | 0.0          | 43.7            | 11.8       | 0.0                       | H                        |                                             | 0.0                      | 71.1            | 97.5               | -26.4                       |  |       |  |
| 39669.520                                                                                                                                                | 42.6             | 27.7                          | 0.0          | 43.8            | 11.9       | 0.0                       | H                        |                                             | 0.0                      | 70.6            | 97.5               | -26.9                       |  |       |  |
| 37344.550                                                                                                                                                | 44.7             | 29.2                          | 0.0          | 43.7            | 11.2       | 0.0                       | V                        |                                             | 0.0                      | 70.4            | 97.5               | -27.1                       |  |       |  |
| 37494.360                                                                                                                                                | 44.3             | 29.0                          | 0.0          | 43.7            | 11.2       | 0.0                       | H                        |                                             | 0.0                      | 70.2            | 97.5               | -27.3                       |  |       |  |
| 36722.070                                                                                                                                                | 44.4             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 69.5            | 97.5               | -28.0                       |  |       |  |
| 38737.730                                                                                                                                                | 42.0             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 69.2            | 97.5               | -28.3                       |  |       |  |
| 38725.750                                                                                                                                                | 42.0             | 28.1                          | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 69.2            | 97.5               | -28.3                       |  |       |  |
| 36734.100                                                                                                                                                | 43.9             | 29.6                          | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 69.0            | 97.5               | -28.5                       |  |       |  |
| 37092.880                                                                                                                                                | 43.5             | 29.4                          | 0.0          | 43.7            | 11.1       | 0.0                       | H                        |                                             | 0.0                      | 68.9            | 97.5               | -28.6                       |  |       |  |
| 33535.590                                                                                                                                                | 43.4             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 68.0            | 97.5               | -29.5                       |  |       |  |
| 33577.700                                                                                                                                                | 43.1             | 29.0                          | 0.0          | 43.6            | 10.0       | 0.0                       | H                        |                                             | 0.0                      | 67.7            | 97.5               | -29.8                       |  |       |  |
| 34057.150                                                                                                                                                | 42.6             | 28.7                          | 0.0          | 43.6            | 10.2       | 0.0                       | H                        |                                             | 0.0                      | 67.6            | 97.5               | -29.9                       |  |       |  |
| 34069.180                                                                                                                                                | 42.4             | 28.7                          | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 67.4            | 97.5               | -30.1                       |  |       |  |
| 33821.330                                                                                                                                                | 42.3             | 28.8                          | 0.0          | 43.6            | 10.1       | 0.0                       | H                        |                                             | 0.0                      | 67.1            | 97.5               | -30.4                       |  |       |  |
| 36376.170                                                                                                                                                | 41.6             | 29.7                          | 0.0          | 43.6            | 10.9       | 0.0                       | V                        |                                             | 0.0                      | 66.4            | 97.5               | -31.1                       |  |       |  |
| 37886.840                                                                                                                                                | 39.8             | 28.6                          | 0.0          | 43.7            | 11.4       | 0.0                       | V                        |                                             | 0.0                      | 66.2            | 97.5               | -31.3                       |  |       |  |
| 38288.320                                                                                                                                                | 39.2             | 28.4                          | 0.0          | 43.7            | 11.5       | 0.0                       | V                        |                                             | 0.0                      | 66.0            | 97.5               | -31.5                       |  |       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          | Work Order: INMC0045                        |                          |                               |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          | Date: 10/10/02                              |                          |                               |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          | Temperature: 75                             |                          |                               |                    |                        |  |                             |  |
| Attendees: none                                                                                                                                          |                  |             |              |                 |            |                           |                          | Humidity: 43%                               |                          |                               |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          | Barometric Pressure: 30.3                   |                          |                               |                    |                        |  |                             |  |
| Tested by: Dan Haas                                                                                                                                      |                  |             |              |                 |            | Power: DC power on Enet   |                          | Job Site: EV01                              |                          |                               |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |            |                           |                          | Year: Current 47CFR                         |                          |                               |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          | Year: 2000                                  |                          |                               |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Ceiling Mount Antennas, High Channel                                                                                                                     |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          | Test Distance (m)                           |                          | Run #                         |                    |                        |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          | 0.2                                         |                          | 53                            |                    |                        |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          | Tested By:                                  |                          |                               |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 39819.320                                                                                                                                                | 43.2             | 27.6        | 0.0          | 43.8            | 11.9       | 0.0                       | V                        |                                             | 0.0                      | 71.3                          | 97.5               | -26.2                  |  |                             |  |
| 39771.390                                                                                                                                                | 43.2             | 27.6        | 0.0          | 43.8            | 11.9       | 0.0                       | H                        |                                             | 0.0                      | 71.3                          | 97.5               | -26.2                  |  |                             |  |
| 39579.640                                                                                                                                                | 43.2             | 27.7        | 0.0          | 43.8            | 11.9       | 0.0                       | H                        |                                             | 0.0                      | 71.1                          | 97.5               | -26.4                  |  |                             |  |
| 39259.050                                                                                                                                                | 43.1             | 27.9        | 0.0          | 43.7            | 11.8       | 0.0                       | H                        |                                             | 0.0                      | 70.7                          | 97.5               | -26.8                  |  |                             |  |
| 39327.960                                                                                                                                                | 42.8             | 27.8        | 0.0          | 43.7            | 11.8       | 0.0                       | V                        |                                             | 0.0                      | 70.5                          | 97.5               | -27.0                  |  |                             |  |
| 37353.540                                                                                                                                                | 44.6             | 29.1        | 0.0          | 43.7            | 11.2       | 0.0                       | V                        |                                             | 0.0                      | 70.3                          | 97.5               | -27.2                  |  |                             |  |
| 37464.390                                                                                                                                                | 44.2             | 29.0        | 0.0          | 43.7            | 11.2       | 0.0                       | H                        |                                             | 0.0                      | 70.1                          | 97.5               | -27.4                  |  |                             |  |
| 36704.020                                                                                                                                                | 44.3             | 29.6        | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 69.4                          | 97.5               | -28.1                  |  |                             |  |
| 38710.770                                                                                                                                                | 42.1             | 28.1        | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 69.3                          | 97.5               | -28.2                  |  |                             |  |
| 36695.000                                                                                                                                                | 44.2             | 29.6        | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 69.2                          | 97.5               | -28.3                  |  |                             |  |
| 37146.810                                                                                                                                                | 43.6             | 29.4        | 0.0          | 43.7            | 11.1       | 0.0                       | V                        |                                             | 0.0                      | 69.0                          | 97.5               | -28.5                  |  |                             |  |
| 38773.690                                                                                                                                                | 41.7             | 28.1        | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 68.9                          | 97.5               | -28.6                  |  |                             |  |
| 33655.900                                                                                                                                                | 42.8             | 28.9        | 0.0          | 43.6            | 10.1       | 0.0                       | V                        |                                             | 0.0                      | 67.5                          | 97.5               | -30.0                  |  |                             |  |
| 33695.000                                                                                                                                                | 42.7             | 28.9        | 0.0          | 43.6            | 10.1       | 0.0                       | V                        |                                             | 0.0                      | 67.4                          | 97.5               | -30.1                  |  |                             |  |
| 33577.700                                                                                                                                                | 42.8             | 29.0        | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 67.4                          | 97.5               | -30.1                  |  |                             |  |
| 34084.220                                                                                                                                                | 42.3             | 28.7        | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 67.3                          | 97.5               | -30.2                  |  |                             |  |
| 33613.790                                                                                                                                                | 42.6             | 29.0        | 0.0          | 43.6            | 10.0       | 0.0                       | H                        |                                             | 0.0                      | 67.2                          | 97.5               | -30.3                  |  |                             |  |
| 34033.090                                                                                                                                                | 42.0             | 28.7        | 0.0          | 43.6            | 10.2       | 0.0                       | H                        |                                             | 0.0                      | 67.0                          | 97.5               | -30.5                  |  |                             |  |
| 33755.160                                                                                                                                                | 42.2             | 28.9        | 0.0          | 43.6            | 10.1       | 0.0                       | V                        |                                             | 0.0                      | 67.0                          | 97.5               | -30.5                  |  |                             |  |
| 36294.960                                                                                                                                                | 41.8             | 29.7        | 0.0          | 43.6            | 10.9       | 0.0                       | H                        |                                             | 0.0                      | 66.6                          | 97.5               | -30.9                  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  |       |  |  |  |  |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-------|--|--|--|--|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |  |       |  |  |  |  |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Date: 10/10/02                |                    |                        |  |       |  |  |  |  |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Temperature: 75               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Attendees: none                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Humidity: 43%                 |                    |                        |  |       |  |  |  |  |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Barometric Pressure: 30.3     |                    |                        |  |       |  |  |  |  |  |                             |  |
| Tested by: Dan Haas                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          | Power: DC power on Enet       |                    |                        |  |       |  |  |  |  |  | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR           |                    |                        |  |       |  |  |  |  |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |       |  |  |  |  |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Omni Antennas, High Channel                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          |                                             |                          | Test Distance (m)             |                    |                        |  | Run # |  |  |  |  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          | 0.2                           |                    |                        |  | 54    |  |  |  |  |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |       |  |  |  |  |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |       |  |  |  |  |  |                             |  |
| 39861.270                                                                                                                                                | 43.3             | 27.6        | 0.0          | 43.8            | 12.0       | 0.0                       | V                        |                                             | 0.0                      | 71.5                          | 97.5               | -26.0                  |  |       |  |  |  |  |  |                             |  |
| 39867.260                                                                                                                                                | 43.1             | 27.6        | 0.0          | 43.8            | 12.0       | 0.0                       | H                        |                                             | 0.0                      | 71.3                          | 97.5               | -26.2                  |  |       |  |  |  |  |  |                             |  |
| 37404.470                                                                                                                                                | 44.8             | 29.1        | 0.0          | 43.7            | 11.2       | 0.0                       | V                        |                                             | 0.0                      | 70.6                          | 97.5               | -26.9                  |  |       |  |  |  |  |  |                             |  |
| 39318.980                                                                                                                                                | 42.7             | 27.8        | 0.0          | 43.7            | 11.8       | 0.0                       | H                        |                                             | 0.0                      | 70.4                          | 97.5               | -27.1                  |  |       |  |  |  |  |  |                             |  |
| 37410.460                                                                                                                                                | 44.4             | 29.1        | 0.0          | 43.7            | 11.2       | 0.0                       | H                        |                                             | 0.0                      | 70.2                          | 97.5               | -27.3                  |  |       |  |  |  |  |  |                             |  |
| 39315.980                                                                                                                                                | 42.4             | 27.8        | 0.0          | 43.7            | 11.8       | 0.0                       | V                        |                                             | 0.0                      | 70.1                          | 97.5               | -27.4                  |  |       |  |  |  |  |  |                             |  |
| 36722.070                                                                                                                                                | 44.2             | 29.6        | 0.0          | 43.7            | 11.0       | 0.0                       | H                        |                                             | 0.0                      | 69.3                          | 97.5               | -28.2                  |  |       |  |  |  |  |  |                             |  |
| 38701.780                                                                                                                                                | 42.0             | 28.1        | 0.0          | 43.7            | 11.6       | 0.0                       | V                        |                                             | 0.0                      | 69.2                          | 97.5               | -28.3                  |  |       |  |  |  |  |  |                             |  |
| 36722.070                                                                                                                                                | 43.7             | 29.6        | 0.0          | 43.7            | 11.0       | 0.0                       | V                        |                                             | 0.0                      | 68.8                          | 97.5               | -28.7                  |  |       |  |  |  |  |  |                             |  |
| 38680.810                                                                                                                                                | 41.6             | 28.2        | 0.0          | 43.7            | 11.6       | 0.0                       | H                        |                                             | 0.0                      | 68.8                          | 97.5               | -28.7                  |  |       |  |  |  |  |  |                             |  |
| 39130.220                                                                                                                                                | 41.2             | 27.9        | 0.0          | 43.7            | 11.7       | 0.0                       | H                        |                                             | 0.0                      | 68.7                          | 97.5               | -28.8                  |  |       |  |  |  |  |  |                             |  |
| 34081.210                                                                                                                                                | 42.1             | 28.7        | 0.0          | 43.6            | 10.2       | 0.0                       | H                        |                                             | 0.0                      | 67.1                          | 97.5               | -30.4                  |  |       |  |  |  |  |  |                             |  |
| 34072.190                                                                                                                                                | 42.0             | 28.7        | 0.0          | 43.6            | 10.2       | 0.0                       | V                        |                                             | 0.0                      | 67.0                          | 97.5               | -30.5                  |  |       |  |  |  |  |  |                             |  |
| 33577.700                                                                                                                                                | 42.4             | 29.0        | 0.0          | 43.6            | 10.0       | 0.0                       | V                        |                                             | 0.0                      | 67.0                          | 97.5               | -30.5                  |  |       |  |  |  |  |  |                             |  |
| 33547.620                                                                                                                                                | 42.4             | 29.0        | 0.0          | 43.6            | 10.0       | 0.0                       | H                        |                                             | 0.0                      | 67.0                          | 97.5               | -30.5                  |  |       |  |  |  |  |  |                             |  |
| 33869.450                                                                                                                                                | 41.9             | 28.8        | 0.0          | 43.6            | 10.1       | 0.0                       | H                        |                                             | 0.0                      | 66.8                          | 97.5               | -30.7                  |  |       |  |  |  |  |  |                             |  |
| 36346.090                                                                                                                                                | 41.1             | 29.7        | 0.0          | 43.6            | 10.9       | 0.0                       | V                        |                                             | 0.0                      | 65.9                          | 97.5               | -31.6                  |  |       |  |  |  |  |  |                             |  |
| 35705.430                                                                                                                                                | 41.0             | 29.6        | 0.0          | 43.6            | 10.7       | 0.0                       | H                        |                                             | 0.0                      | 65.7                          | 97.5               | -31.8                  |  |       |  |  |  |  |  |                             |  |
| 38342.250                                                                                                                                                | 38.6             | 28.3        | 0.0          | 43.7            | 11.5       | 0.0                       | V                        |                                             | 0.0                      | 65.5                          | 97.5               | -32.0                  |  |       |  |  |  |  |  |                             |  |
| 35744.530                                                                                                                                                | 40.5             | 29.7        | 0.0          | 43.6            | 10.7       | 0.0                       | V                        |                                             | 0.0                      | 65.2                          | 97.5               | -32.3                  |  |       |  |  |  |  |  |                             |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|---------------------|--------------------|-----------------------------|--|
| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                     |                    | REV<br>df3.00<br>08/20/2002 |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/11/02                |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 75               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Attendees: none                                                                                                                                          |                  | Humidity: 43%                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.3     |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC power on Enet       |              |                 |            | Job Site: EV01            |                          |                                             |                          |                     |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000          |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Omni Antennas, High Channel                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m)   |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                   |                    | 55                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:          |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m     | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 5328.042                                                                                                                                                 | 64.7             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 100.9               | 83.5               | 17.4                        |  |
| 5318.452                                                                                                                                                 | 63.8             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 100.0               | 83.5               | 16.5                        |  |
| 5322.288                                                                                                                                                 | 52.7             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 88.9                | 83.5               | 5.4                         |  |
| 5324.686                                                                                                                                                 | 51.5             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 87.7                | 83.5               | 4.2                         |  |
| 5328.042                                                                                                                                                 | 51.4             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 87.6                | 83.5               | 4.1                         |  |
| 5329.960                                                                                                                                                 | 51.2             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 87.4                | 83.5               | 3.9                         |  |
| 5318.452                                                                                                                                                 | 48.3             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 84.5                | 83.5               | 1.0                         |  |
| 5316.534                                                                                                                                                 | 48.3             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 84.5                | 83.5               | 1.0                         |  |
| 5326.124                                                                                                                                                 | 47.8             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 84.0                | 83.5               | 0.5                         |  |
| 5315.096                                                                                                                                                 | 43.3             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 79.5                | 83.5               | -4.0                        |  |
| 5335.714                                                                                                                                                 | 40.2             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 76.4                | 83.5               | -7.1                        |  |
| 5332.357                                                                                                                                                 | 36.4             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 72.6                | 83.5               | -10.9                       |  |
| 5310.301                                                                                                                                                 | 32.5             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 68.7                | 83.5               | -14.8                       |  |
| 5335.714                                                                                                                                                 | 30.9             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 67.1                | 83.5               | -16.4                       |  |
| 5312.219                                                                                                                                                 | 30.0             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 66.2                | 83.5               | -17.3                       |  |
| 5333.796                                                                                                                                                 | 26.4             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 62.6                | 83.5               | -20.9                       |  |
| 5340.029                                                                                                                                                 | 26.3             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 62.6                | 83.5               | -20.9                       |  |
| 5337.152                                                                                                                                                 | 25.8             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 62.0                | 83.5               | -21.5                       |  |
| 4536.344                                                                                                                                                 | 22.7             | 0.0                           | 0.0          | 32.5            | 1.9        | 0.0                       | H                        |                                             | 0.0                      | 57.0                | 83.5               | -26.5                       |  |
| 4594.402                                                                                                                                                 | 22.6             | 0.0                           | 0.0          | 32.5            | 1.9        | 0.0                       | V                        |                                             | 0.0                      | 57.0                | 83.5               | -26.5                       |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|---------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                     |                    | REV<br>df3.00<br>08/20/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/11/02                |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 75               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Attendees: none                                                                                                                                          |                  | Humidity: 43%                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.3     |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC power on Enet       |              |                 |            |                           |                          |                                             |                          |                     |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000          |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Ceiling mount Antennas, High Channel                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m)   |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                   |                    | 56                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:          |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m     | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 5320.370                                                                                                                                                 | 60.9             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 97.1                | 83.5               | 13.6                        |  |
| 5322.288                                                                                                                                                 | 60.8             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 97.0                | 83.5               | 13.5                        |  |
| 5328.042                                                                                                                                                 | 60.6             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 96.8                | 83.5               | 13.3                        |  |
| 5326.124                                                                                                                                                 | 60.3             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 96.5                | 83.5               | 13.0                        |  |
| 5330.919                                                                                                                                                 | 59.0             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 95.2                | 83.5               | 11.7                        |  |
| 5316.534                                                                                                                                                 | 58.8             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 95.0                | 83.5               | 11.5                        |  |
| 5318.452                                                                                                                                                 | 56.3             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 92.5                | 83.5               | 9.0                         |  |
| 5325.165                                                                                                                                                 | 56.1             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 92.3                | 83.5               | 8.8                         |  |
| 5315.096                                                                                                                                                 | 54.6             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 90.8                | 83.5               | 7.3                         |  |
| 5318.452                                                                                                                                                 | 53.5             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 89.7                | 83.5               | 6.2                         |  |
| 5312.698                                                                                                                                                 | 40.2             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 76.4                | 83.5               | -7.1                        |  |
| 5311.739                                                                                                                                                 | 39.4             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 75.6                | 83.5               | -7.9                        |  |
| 5335.714                                                                                                                                                 | 36.6             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 72.8                | 83.5               | -10.7                       |  |
| 5336.673                                                                                                                                                 | 36.3             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 72.5                | 83.5               | -11.0                       |  |
| 5311.739                                                                                                                                                 | 33.6             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 69.8                | 83.5               | -13.7                       |  |
| 5334.755                                                                                                                                                 | 32.9             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 69.1                | 83.5               | -14.4                       |  |
| 5333.316                                                                                                                                                 | 32.8             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 69.0                | 83.5               | -14.5                       |  |
| 5310.301                                                                                                                                                 | 30.6             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 66.8                | 83.5               | -16.7                       |  |
| 5307.903                                                                                                                                                 | 29.3             | 0.0                           | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 65.4                | 83.5               | -18.1                       |  |
| 5341.947                                                                                                                                                 | 28.6             | 0.0                           | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 64.9                | 83.5               | -18.6                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          | Work Order: INMC0045                        |                          |                               |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          | Date: 10/11/02                              |                          |                               |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          | Temperature: 75                             |                          |                               |                    |                        |  |                             |  |
| Attendees: none                                                                                                                                          |                  |             |              |                 |            |                           |                          | Humidity: 43%                               |                          |                               |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          | Barometric Pressure: 30.3                   |                          |                               |                    |                        |  |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  |             |              |                 |            | Power: DC power on Enet   |                          | Job Site: EV01                              |                          |                               |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |            |                           |                          | Year: Current 47CFR                         |                          |                               |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          | Year: 2000                                  |                          |                               |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Ceiling Mount Antennas, Mid Channel                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          | Test Distance (m)                           |                          | Run #                         |                    |                        |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          | 1                                           |                          | 57                            |                    |                        |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          | Tested By:                                  |                          |                               |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 5299.752                                                                                                                                                 | 63.1             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 99.2                          | 83.5               | 15.7                   |  |                             |  |
| 5304.067                                                                                                                                                 | 62.8             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 98.9                          | 83.5               | 15.4                   |  |                             |  |
| 5305.026                                                                                                                                                 | 62.7             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 98.8                          | 83.5               | 15.3                   |  |                             |  |
| 5308.383                                                                                                                                                 | 62.6             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 98.7                          | 83.5               | 15.2                   |  |                             |  |
| 5298.793                                                                                                                                                 | 62.6             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 98.7                          | 83.5               | 15.2                   |  |                             |  |
| 5301.190                                                                                                                                                 | 62.1             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 98.2                          | 83.5               | 14.7                   |  |                             |  |
| 5298.313                                                                                                                                                 | 56.7             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 92.8                          | 83.5               | 9.3                    |  |                             |  |
| 5301.670                                                                                                                                                 | 56.3             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 92.4                          | 83.5               | 8.9                    |  |                             |  |
| 5300.711                                                                                                                                                 | 56.0             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 92.1                          | 83.5               | 8.6                    |  |                             |  |
| 5309.342                                                                                                                                                 | 55.6             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 91.8                          | 83.5               | 8.3                    |  |                             |  |
| 5310.780                                                                                                                                                 | 54.8             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 91.0                          | 83.5               | 7.5                    |  |                             |  |
| 5317.014                                                                                                                                                 | 40.8             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 77.0                          | 83.5               | -6.5                   |  |                             |  |
| 5291.601                                                                                                                                                 | 36.5             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 72.6                          | 83.5               | -10.9                  |  |                             |  |
| 5321.329                                                                                                                                                 | 35.9             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 72.1                          | 83.5               | -11.4                  |  |                             |  |
| 5315.096                                                                                                                                                 | 34.9             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 71.1                          | 83.5               | -12.4                  |  |                             |  |
| 5317.973                                                                                                                                                 | 31.8             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 68.0                          | 83.5               | -15.5                  |  |                             |  |
| 5286.806                                                                                                                                                 | 31.9             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 68.0                          | 83.5               | -15.5                  |  |                             |  |
| 4585.235                                                                                                                                                 | 22.8             | 0.0         | 0.0          | 32.5            | 1.9        | 0.0                       | H                        |                                             | 0.0                      | 57.2                          | 83.5               | -26.3                  |  |                             |  |
| 4569.957                                                                                                                                                 | 22.5             | 0.0         | 0.0          | 32.5            | 1.9        | 0.0                       | V                        |                                             | 0.0                      | 56.9                          | 83.5               | -26.6                  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          | Work Order: INMC0045                        |                          |                               |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          | Date: 10/11/02                              |                          |                               |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          | Temperature: 75                             |                          |                               |                    |                        |  |                             |  |
| Attendees: none                                                                                                                                          |                  |             |              |                 |            |                           |                          | Humidity: 43%                               |                          |                               |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          | Barometric Pressure: 30.3                   |                          |                               |                    |                        |  |                             |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  |             |              |                 |            | Power: DC power on Enet   |                          | Job Site: EV01                              |                          |                               |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |            |                           |                          | Year: Current 47CFR                         |                          |                               |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          | Year: 2000                                  |                          |                               |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Omni Antennas, Mid Channel                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          | Test Distance (m)                           |                          | Run #                         |                    |                        |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          | 1                                           |                          | 58                            |                    |                        |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          | Tested By:                                  |                          |                               |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 5300.231                                                                                                                                                 | 64.2             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 100.3                         | 83.5               | 16.8                   |  |                             |  |
| 5304.547                                                                                                                                                 | 63.5             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 99.6                          | 83.5               | 16.1                   |  |                             |  |
| 5309.821                                                                                                                                                 | 62.8             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 99.0                          | 83.5               | 15.5                   |  |                             |  |
| 5310.780                                                                                                                                                 | 62.2             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 98.4                          | 83.5               | 14.9                   |  |                             |  |
| 5298.313                                                                                                                                                 | 55.4             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 91.5                          | 83.5               | 8.0                    |  |                             |  |
| 5301.190                                                                                                                                                 | 54.9             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 91.0                          | 83.5               | 7.5                    |  |                             |  |
| 5305.985                                                                                                                                                 | 54.6             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 90.7                          | 83.5               | 7.2                    |  |                             |  |
| 5309.821                                                                                                                                                 | 54.2             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 90.4                          | 83.5               | 6.9                    |  |                             |  |
| 5293.039                                                                                                                                                 | 44.8             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 80.9                          | 83.5               | -2.6                   |  |                             |  |
| 5290.162                                                                                                                                                 | 41.5             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 77.6                          | 83.5               | -5.9                   |  |                             |  |
| 5315.096                                                                                                                                                 | 34.1             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 70.3                          | 83.5               | -13.2                  |  |                             |  |
| 5289.203                                                                                                                                                 | 33.4             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 69.5                          | 83.5               | -14.0                  |  |                             |  |
| 5291.601                                                                                                                                                 | 33.3             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 69.4                          | 83.5               | -14.1                  |  |                             |  |
| 5316.055                                                                                                                                                 | 32.6             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 68.8                          | 83.5               | -14.7                  |  |                             |  |
| 5323.247                                                                                                                                                 | 31.5             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 67.7                          | 83.5               | -15.8                  |  |                             |  |
| 5317.014                                                                                                                                                 | 31.5             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 67.7                          | 83.5               | -15.8                  |  |                             |  |
| 5287.285                                                                                                                                                 | 31.5             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 67.6                          | 83.5               | -15.9                  |  |                             |  |
| 5325.165                                                                                                                                                 | 28.5             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 64.7                          | 83.5               | -18.8                  |  |                             |  |
| 5322.768                                                                                                                                                 | 27.3             | 0.0         | 0.0          | 34.1            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 63.5                          | 83.5               | -20.0                  |  |                             |  |
| 5283.929                                                                                                                                                 | 26.0             | 0.0         | 0.0          | 34.0            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 62.1                          | 83.5               | -21.4                  |  |                             |  |

|                                                                                                                                                          |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------|-----------------|--------------------|---------------|---------------------------------|---------------------------------|-------------------------------------------------------------------|--------------------------------|--------------------|-----------------------|------------------------------|--|--|--|
| NORTHWEST<br><b>EMC</b>                                                                                                                                  |                     | <b>RADIATED EMISSIONS DATA SHEET</b> |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       | REV<br>df3.00<br>08/20/2002  |  |  |  |
| EUT: WN-5MP01                                                                                                                                            |                     | Work Order: INMC0045                 |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Serial Number:                                                                                                                                           |                     | Date: 10/11/02                       |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Customer: INTERMEC Corporation                                                                                                                           |                     | Temperature: 75                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Attendees: none                                                                                                                                          |                     | Humidity: 43%                        |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Cust. Ref. No.:                                                                                                                                          |                     | Barometric Pressure: 30.3            |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Tested by: Rod Peloquin                                                                                                                                  |                     | Power: DC power on Enet              |                 | Job Site: EV01     |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| TEST SPECIFICATIONS                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Specification: FCC 15.209                                                                                                                                |                     | Year: Current 47CFR                  |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Method: ANSI C63.4                                                                                                                                       |                     | Year: 2000                           |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| COMMENTS                                                                                                                                                 |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Omni Antennas, Low Channel                                                                                                                               |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| EUT OPERATING MODES                                                                                                                                      |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Transmitting on both radios                                                                                                                              |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| No deviations.                                                                                                                                           |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| RESULTS                                                                                                                                                  |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                | Test Distance (m)  |                       | Run #                        |  |  |  |
| Evaluation                                                                                                                                               |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                | 1                  |                       | 59                           |  |  |  |
| Other                                                                                                                                                    |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Tested By:                                                                                                                                               |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
|                                                                                                                                                          |                     |                                      |                 |                    |               |                                 |                                 |                                                                   |                                |                    |                       |                              |  |  |  |
| Freq<br>(MHz)                                                                                                                                            | Amplitude<br>(dBuV) | Preamp<br>(dB)                       | Chamber<br>(dB) | Transducer<br>(dB) | Cable<br>(dB) | External<br>Attenuation<br>(dB) | Polarity/<br>Transducer<br>Type | Detector<br><small>(blank equal peaks<br/>[PK] from scan)</small> | Distance<br>Adjustment<br>(dB) | Adjusted<br>dBuV/m | Spec. Limit<br>dBuV/m | Compared to<br>Spec.<br>(dB) |  |  |  |
| 5264.749                                                                                                                                                 | 63.3                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | H                               |                                                                   | 0.0                            | 99.3               | 83.5                  | 15.8                         |  |  |  |
| 5260.913                                                                                                                                                 | 62.9                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | H                               |                                                                   | 0.0                            | 98.9               | 83.5                  | 15.4                         |  |  |  |
| 5258.036                                                                                                                                                 | 62.5                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | H                               |                                                                   | 0.0                            | 98.5               | 83.5                  | 15.0                         |  |  |  |
| 5268.585                                                                                                                                                 | 49.3                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | V                               |                                                                   | 0.0                            | 85.3               | 83.5                  | 1.8                          |  |  |  |
| 5264.270                                                                                                                                                 | 48.4                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | V                               |                                                                   | 0.0                            | 84.4               | 83.5                  | 0.9                          |  |  |  |
| 5260.913                                                                                                                                                 | 48.3                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | V                               |                                                                   | 0.0                            | 84.3               | 83.5                  | 0.8                          |  |  |  |
| 5255.639                                                                                                                                                 | 48.2                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | V                               |                                                                   | 0.0                            | 84.2               | 83.5                  | 0.7                          |  |  |  |
| 5259.954                                                                                                                                                 | 48.1                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | V                               |                                                                   | 0.0                            | 84.1               | 83.5                  | 0.6                          |  |  |  |
| 5274.818                                                                                                                                                 | 43.5                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | H                               |                                                                   | 0.0                            | 79.5               | 83.5                  | -4.0                         |  |  |  |
| 5254.680                                                                                                                                                 | 41.1                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | V                               |                                                                   | 0.0                            | 77.1               | 83.5                  | -6.4                         |  |  |  |
| 5283.449                                                                                                                                                 | 30.9                | 0.0                                  | 0.0             | 34.0               | 2.1           | 0.0                             | H                               |                                                                   | 0.0                            | 67.0               | 83.5                  | -16.5                        |  |  |  |
| 5276.257                                                                                                                                                 | 28.1                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | V                               |                                                                   | 0.0                            | 64.1               | 83.5                  | -19.4                        |  |  |  |
| 5239.336                                                                                                                                                 | 26.0                | 0.0                                  | 0.0             | 33.8               | 2.1           | 0.0                             | H                               |                                                                   | 0.0                            | 61.9               | 83.5                  | -21.6                        |  |  |  |
| 5280.572                                                                                                                                                 | 24.3                | 0.0                                  | 0.0             | 33.9               | 2.1           | 0.0                             | V                               |                                                                   | 0.0                            | 60.4               | 83.5                  | -23.1                        |  |  |  |
| 4864.319                                                                                                                                                 | 22.5                | 0.0                                  | 0.0             | 32.9               | 2.0           | 0.0                             | V                               |                                                                   | 0.0                            | 57.4               | 83.5                  | -26.1                        |  |  |  |
| 4515.973                                                                                                                                                 | 22.7                | 0.0                                  | 0.0             | 32.4               | 1.9           | 0.0                             | H                               |                                                                   | 0.0                            | 57.0               | 83.5                  | -26.5                        |  |  |  |
| 4492.037                                                                                                                                                 | 22.5                | 0.0                                  | 0.0             | 32.4               | 1.9           | 0.0                             | V                               |                                                                   | 0.0                            | 56.8               | 83.5                  | -26.7                        |  |  |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df3.00<br>08/20/2002 |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/11/02                |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 75               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: none                                                                                                                                          |                  | Humidity: 43%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.3     |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Rod Peloquin                                                                                                                                  |                  | Power: DC power on Enet       |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Ceiling Mount Antennas, Low Channel                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 1                           |  | 60    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 5265.229                                                                                                                                                 | 57.8             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 93.8            | 83.5               | 10.3                        |  |       |  |
| 5269.544                                                                                                                                                 | 57.6             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 93.6            | 83.5               | 10.1                        |  |       |  |
| 5257.557                                                                                                                                                 | 56.9             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 92.9            | 83.5               | 9.4                         |  |       |  |
| 5259.954                                                                                                                                                 | 53.8             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 89.8            | 83.5               | 6.3                         |  |       |  |
| 5270.982                                                                                                                                                 | 52.7             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 88.7            | 83.5               | 5.2                         |  |       |  |
| 5266.667                                                                                                                                                 | 52.7             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 88.7            | 83.5               | 5.2                         |  |       |  |
| 5269.064                                                                                                                                                 | 52.6             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 88.6            | 83.5               | 5.1                         |  |       |  |
| 5264.270                                                                                                                                                 | 50.9             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 86.9            | 83.5               | 3.4                         |  |       |  |
| 5252.762                                                                                                                                                 | 38.5             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 74.5            | 83.5               | -9.0                        |  |       |  |
| 5250.364                                                                                                                                                 | 38.2             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 74.2            | 83.5               | -9.3                        |  |       |  |
| 5278.654                                                                                                                                                 | 34.7             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 70.7            | 83.5               | -12.8                       |  |       |  |
| 5247.967                                                                                                                                                 | 33.6             | 0.0                           | 0.0          | 33.8            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 69.5            | 83.5               | -14.0                       |  |       |  |
| 5251.803                                                                                                                                                 | 32.6             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 68.6            | 83.5               | -14.9                       |  |       |  |
| 5249.405                                                                                                                                                 | 31.7             | 0.0                           | 0.0          | 33.8            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 67.6            | 83.5               | -15.9                       |  |       |  |
| 5274.339                                                                                                                                                 | 31.0             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 67.0            | 83.5               | -16.5                       |  |       |  |
| 5275.777                                                                                                                                                 | 30.0             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 66.0            | 83.5               | -17.5                       |  |       |  |
| 5246.528                                                                                                                                                 | 29.0             | 0.0                           | 0.0          | 33.8            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 64.9            | 83.5               | -18.6                       |  |       |  |
| 5280.093                                                                                                                                                 | 28.5             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 64.6            | 83.5               | -18.9                       |  |       |  |
| 5242.213                                                                                                                                                 | 28.2             | 0.0                           | 0.0          | 33.8            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 64.1            | 83.5               | -19.4                       |  |       |  |
| 5282.970                                                                                                                                                 | 27.3             | 0.0                           | 0.0          | 33.9            | 2.1        | 0.0                       | H                        |                                             | 0.0                      | 63.4            | 83.5               | -20.1                       |  |       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          | Work Order: INMC0045                        |                          |                               |                    |                        |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          | Date: 10/11/02                              |                          |                               |                    |                        |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          | Temperature: 75                             |                          |                               |                    |                        |  |                             |  |
| Attendees: none                                                                                                                                          |                  |             |              |                 |            |                           |                          | Humidity: 43%                               |                          |                               |                    |                        |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          | Barometric Pressure: 30.3                   |                          |                               |                    |                        |  |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  |             |              |                 |            | Power: DC power on Enet   |                          | Job Site: EV01                              |                          |                               |                    |                        |  |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |             |              |                 |            |                           |                          | Year: Current 47CFR                         |                          |                               |                    |                        |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          | Year: 2000                                  |                          |                               |                    |                        |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Ceiling Mount Antennas, Low Channel                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          | Test Distance (m)                           |                          | Run #                         |                    |                        |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          | 1                                           |                          | 61                            |                    |                        |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          | Tested By:                                  |                          |                               |                    |                        |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |                             |  |
| 17978.570                                                                                                                                                | 30.7             | 34.9        | 0.0          | 45.3            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 47.2                          | 83.5               | -36.3                  |  |                             |  |
| 17885.690                                                                                                                                                | 30.4             | 34.8        | 0.0          | 45.2            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 46.8                          | 83.5               | -36.7                  |  |                             |  |
| 17469.230                                                                                                                                                | 30.9             | 34.6        | 0.0          | 44.5            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 46.7                          | 83.5               | -36.8                  |  |                             |  |
| 13658.610                                                                                                                                                | 32.5             | 34.7        | 0.0          | 40.9            | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 43.7                          | 83.5               | -39.8                  |  |                             |  |
| 10531.340                                                                                                                                                | 36.1             | 35.2        | 0.0          | 38.3            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 43.3                          | 83.5               | -40.2                  |  |                             |  |
| 13658.610                                                                                                                                                | 32.1             | 34.7        | 0.0          | 40.9            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 43.3                          | 83.5               | -40.2                  |  |                             |  |
| 17001.840                                                                                                                                                | 30.2             | 34.4        | 0.0          | 41.2            | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 42.9                          | 83.5               | -40.6                  |  |                             |  |
| 16747.170                                                                                                                                                | 30.6             | 34.3        | 0.0          | 40.6            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 42.7                          | 83.5               | -40.8                  |  |                             |  |
| 10531.340                                                                                                                                                | 35.3             | 35.2        | 0.0          | 38.3            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 42.5                          | 83.5               | -41.0                  |  |                             |  |
| 15152.850                                                                                                                                                | 32.2             | 34.2        | 0.0          | 39.1            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 42.5                          | 83.5               | -41.0                  |  |                             |  |
| 16870.010                                                                                                                                                | 30.0             | 34.3        | 0.0          | 40.9            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 42.4                          | 83.5               | -41.1                  |  |                             |  |
| 16642.310                                                                                                                                                | 30.5             | 34.2        | 0.0          | 40.3            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 42.4                          | 83.5               | -41.1                  |  |                             |  |
| 13299.990                                                                                                                                                | 32.0             | 34.8        | 0.0          | 40.3            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 42.3                          | 83.5               | -41.2                  |  |                             |  |
| 16699.240                                                                                                                                                | 30.2             | 34.2        | 0.0          | 40.5            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 42.2                          | 83.5               | -41.3                  |  |                             |  |
| 14415.970                                                                                                                                                | 30.8             | 34.4        | 0.0          | 40.6            | 5.1        | 0.0                       | V                        |                                             | 0.0                      | 42.2                          | 83.5               | -41.3                  |  |                             |  |
| 14576.470                                                                                                                                                | 30.7             | 34.3        | 0.0          | 40.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 41.9                          | 83.5               | -41.6                  |  |                             |  |
| 13142.000                                                                                                                                                | 31.8             | 34.9        | 0.0          | 40.0            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 41.7                          | 83.5               | -41.8                  |  |                             |  |
| 12878.680                                                                                                                                                | 32.4             | 35.0        | 0.0          | 39.5            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 41.7                          | 83.5               | -41.8                  |  |                             |  |
| 16306.720                                                                                                                                                | 30.8             | 34.1        | 0.0          | 39.1            | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 41.5                          | 83.5               | -42.0                  |  |                             |  |
| 14616.590                                                                                                                                                | 30.2             | 34.3        | 0.0          | 40.3            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 41.4                          | 83.5               | -42.1                  |  |                             |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.00<br>08/20/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/11/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 75               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: none                                                                                                                                          |                  | Humidity: 43%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure 30.3      |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC power on Enet       |              |                 |            |                           |                          |                                             |                          |                   |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Omni Antennas, Low Channel                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                 |                    | 62                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:        |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 17930.630                                                                                                                                                | 30.6             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 47.0              | 83.5               | -36.5                       |  |
| 17592.070                                                                                                                                                | 30.9             | 34.7                          | 0.0          | 44.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 47.0              | 83.5               | -36.5                       |  |
| 17903.670                                                                                                                                                | 30.6             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 47.0              | 83.5               | -36.5                       |  |
| 17505.190                                                                                                                                                | 30.9             | 34.7                          | 0.0          | 44.7            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 47.0              | 83.5               | -36.5                       |  |
| 10534.350                                                                                                                                                | 38.3             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 45.5              | 83.5               | -38.0                       |  |
| 13648.580                                                                                                                                                | 33.0             | 34.7                          | 0.0          | 40.9            | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 44.1              | 83.5               | -39.4                       |  |
| 13681.180                                                                                                                                                | 32.9             | 34.6                          | 0.0          | 40.9            | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 44.1              | 83.5               | -39.4                       |  |
| 13656.100                                                                                                                                                | 32.3             | 34.7                          | 0.0          | 40.9            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 43.5              | 83.5               | -40.0                       |  |
| 10522.320                                                                                                                                                | 36.2             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 43.4              | 83.5               | -40.1                       |  |
| 16567.410                                                                                                                                                | 31.3             | 34.2                          | 0.0          | 40.2            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 43.0              | 83.5               | -40.5                       |  |
| 14273.020                                                                                                                                                | 31.3             | 34.4                          | 0.0          | 40.9            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.8              | 83.5               | -40.7                       |  |
| 14744.490                                                                                                                                                | 31.3             | 34.3                          | 0.0          | 40.1            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 42.3              | 83.5               | -41.2                       |  |
| 15101.900                                                                                                                                                | 31.7             | 34.2                          | 0.0          | 39.3            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 42.1              | 83.5               | -41.4                       |  |
| 14428.510                                                                                                                                                | 30.7             | 34.4                          | 0.0          | 40.6            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.1              | 83.5               | -41.4                       |  |
| 13069.270                                                                                                                                                | 32.3             | 34.9                          | 0.0          | 39.8            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.0              | 83.5               | -41.5                       |  |
| 16288.740                                                                                                                                                | 31.4             | 34.0                          | 0.0          | 39.0            | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 42.0              | 83.5               | -41.5                       |  |
| 16354.680                                                                                                                                                | 30.8             | 34.1                          | 0.0          | 39.3            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 41.7              | 83.5               | -41.8                       |  |
| 15146.860                                                                                                                                                | 31.4             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 41.7              | 83.5               | -41.8                       |  |
| 12773.350                                                                                                                                                | 32.6             | 35.1                          | 0.0          | 39.4            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 41.7              | 83.5               | -41.8                       |  |
| 14741.980                                                                                                                                                | 30.4             | 34.3                          | 0.0          | 40.1            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 41.4              | 83.5               | -42.1                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df3.00<br>08/20/2002 |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/11/02                |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 75               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: none                                                                                                                                          |                  | Humidity: 43%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.3     |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC power on Enet       |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Omni Antennas, Mid Channel                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 1                           |  | 63    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 17514.170                                                                                                                                                | 31.3             | 34.7                          | 0.0          | 44.7            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 47.4            | 83.5               | -36.1                       |  |       |  |
| 17906.660                                                                                                                                                | 30.7             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 47.1            | 83.5               | -36.4                       |  |       |  |
| 17619.040                                                                                                                                                | 30.7             | 34.7                          | 0.0          | 44.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 46.9            | 83.5               | -36.6                       |  |       |  |
| 17912.650                                                                                                                                                | 30.3             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 46.7            | 83.5               | -36.8                       |  |       |  |
| 13608.450                                                                                                                                                | 34.0             | 34.7                          | 0.0          | 40.8            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 45.1            | 83.5               | -38.4                       |  |       |  |
| 13585.880                                                                                                                                                | 33.2             | 34.7                          | 0.0          | 40.8            | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 44.2            | 83.5               | -39.3                       |  |       |  |
| 15911.110                                                                                                                                                | 34.6             | 33.9                          | 0.0          | 37.7            | 5.6        | 0.0                       | H                        |                                             | 0.0                      | 43.9            | 83.5               | -39.6                       |  |       |  |
| 13934.470                                                                                                                                                | 32.0             | 34.5                          | 0.0          | 41.2            | 5.0        | 0.0                       | V                        |                                             | 0.0                      | 43.7            | 83.5               | -39.8                       |  |       |  |
| 16711.220                                                                                                                                                | 30.8             | 34.3                          | 0.0          | 40.5            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 42.9            | 83.5               | -40.6                       |  |       |  |
| 16780.130                                                                                                                                                | 30.5             | 34.3                          | 0.0          | 40.7            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 42.7            | 83.5               | -40.8                       |  |       |  |
| 14127.570                                                                                                                                                | 31.0             | 34.5                          | 0.0          | 41.1            | 5.0        | 0.0                       | V                        |                                             | 0.0                      | 42.7            | 83.5               | -40.8                       |  |       |  |
| 10528.340                                                                                                                                                | 35.4             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 42.6            | 83.5               | -40.9                       |  |       |  |
| 14052.340                                                                                                                                                | 30.8             | 34.5                          | 0.0          | 41.2            | 5.0        | 0.0                       | H                        |                                             | 0.0                      | 42.5            | 83.5               | -41.0                       |  |       |  |
| 12921.310                                                                                                                                                | 33.1             | 35.0                          | 0.0          | 39.6            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.5            | 83.5               | -41.0                       |  |       |  |
| 15119.880                                                                                                                                                | 32.1             | 34.2                          | 0.0          | 39.2            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.5            | 83.5               | -41.0                       |  |       |  |
| 14390.890                                                                                                                                                | 30.9             | 34.4                          | 0.0          | 40.7            | 5.1        | 0.0                       | V                        |                                             | 0.0                      | 42.3            | 83.5               | -41.2                       |  |       |  |
| 13131.970                                                                                                                                                | 32.4             | 34.9                          | 0.0          | 40.0            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.3            | 83.5               | -41.2                       |  |       |  |
| 14426.000                                                                                                                                                | 30.8             | 34.4                          | 0.0          | 40.6            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.2            | 83.5               | -41.3                       |  |       |  |
| 15125.880                                                                                                                                                | 31.8             | 34.2                          | 0.0          | 39.2            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 42.1            | 83.5               | -41.4                       |  |       |  |
| 16291.740                                                                                                                                                | 31.2             | 34.0                          | 0.0          | 39.0            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 41.8            | 83.5               | -41.7                       |  |       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df3.00<br>08/20/2002 |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/11/02                |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 75               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: none                                                                                                                                          |                  | Humidity: 43%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.3     |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC power on Enet       |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Ceiling Mount Antennas, Mid Channel                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 1                           |  | 64    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 17942.620                                                                                                                                                | 30.7             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 47.1            | 83.5               | -36.4                       |  |       |  |
| 17619.040                                                                                                                                                | 30.9             | 34.7                          | 0.0          | 44.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 47.1            | 83.5               | -36.4                       |  |       |  |
| 17900.670                                                                                                                                                | 30.4             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 46.8            | 83.5               | -36.7                       |  |       |  |
| 17502.190                                                                                                                                                | 30.7             | 34.7                          | 0.0          | 44.7            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 46.8            | 83.5               | -36.7                       |  |       |  |
| 13545.760                                                                                                                                                | 33.4             | 34.7                          | 0.0          | 40.8            | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 44.4            | 83.5               | -39.1                       |  |       |  |
| 13683.690                                                                                                                                                | 32.3             | 34.6                          | 0.0          | 40.9            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 43.5            | 83.5               | -40.0                       |  |       |  |
| 16747.170                                                                                                                                                | 30.7             | 34.3                          | 0.0          | 40.6            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 42.8            | 83.5               | -40.7                       |  |       |  |
| 14160.170                                                                                                                                                | 31.2             | 34.5                          | 0.0          | 41.0            | 5.0        | 0.0                       | V                        |                                             | 0.0                      | 42.8            | 83.5               | -40.7                       |  |       |  |
| 16648.300                                                                                                                                                | 30.7             | 34.2                          | 0.0          | 40.4            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 42.6            | 83.5               | -40.9                       |  |       |  |
| 15107.890                                                                                                                                                | 32.2             | 34.2                          | 0.0          | 39.2            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 42.6            | 83.5               | -40.9                       |  |       |  |
| 15137.870                                                                                                                                                | 32.2             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.5            | 83.5               | -41.0                       |  |       |  |
| 13124.450                                                                                                                                                | 32.5             | 34.9                          | 0.0          | 39.9            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 42.4            | 83.5               | -41.1                       |  |       |  |
| 13099.370                                                                                                                                                | 32.5             | 34.9                          | 0.0          | 39.9            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.3            | 83.5               | -41.2                       |  |       |  |
| 14393.400                                                                                                                                                | 30.8             | 34.4                          | 0.0          | 40.7            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.2            | 83.5               | -41.3                       |  |       |  |
| 12765.830                                                                                                                                                | 33.0             | 35.1                          | 0.0          | 39.4            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 42.1            | 83.5               | -41.4                       |  |       |  |
| 14741.980                                                                                                                                                | 30.8             | 34.3                          | 0.0          | 40.1            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 41.8            | 83.5               | -41.7                       |  |       |  |
| 14704.370                                                                                                                                                | 30.3             | 34.3                          | 0.0          | 40.1            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 41.4            | 83.5               | -42.1                       |  |       |  |
| 15575.440                                                                                                                                                | 31.8             | 34.0                          | 0.0          | 37.9            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 41.1            | 83.5               | -42.4                       |  |       |  |
| 10558.410                                                                                                                                                | 33.7             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | V                        |                                             | 0.0                      | 40.9            | 83.5               | -42.6                       |  |       |  |
| 10582.460                                                                                                                                                | 33.7             | 35.2                          | 0.0          | 38.3            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 40.9            | 83.5               | -42.6                       |  |       |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|---------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                     |                    | REV<br>df3.00<br>08/20/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/11/02                |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 75               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Attendees: none                                                                                                                                          |                  | Humidity: 43%                 |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.3     |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC power on Enet       |              |                 |            |                           |                          |                                             |                          |                     |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Specification: FCC 15.209                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: Current 47CFR |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000          |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Ceiling Mount Antennas, High Channel                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m)   |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 1                   |                    | 65                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:          |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                     |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m     | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 17948.610                                                                                                                                                | 30.7             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 47.2                | 83.5               | -36.3                       |  |
| 17933.630                                                                                                                                                | 30.6             | 34.9                          | 0.0          | 45.2            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 47.0                | 83.5               | -36.5                       |  |
| 10648.610                                                                                                                                                | 39.7             | 35.2                          | 0.0          | 38.2            | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 46.8                | 83.5               | -36.7                       |  |
| 17490.210                                                                                                                                                | 30.8             | 34.6                          | 0.0          | 44.6            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 46.8                | 83.5               | -36.7                       |  |
| 17616.040                                                                                                                                                | 30.6             | 34.7                          | 0.0          | 44.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 46.8                | 83.5               | -36.7                       |  |
| 13743.880                                                                                                                                                | 33.4             | 34.6                          | 0.0          | 41.0            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 44.7                | 83.5               | -38.8                       |  |
| 13651.090                                                                                                                                                | 32.8             | 34.7                          | 0.0          | 40.9            | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 44.0                | 83.5               | -39.5                       |  |
| 13939.480                                                                                                                                                | 32.0             | 34.5                          | 0.0          | 41.2            | 5.0        | 0.0                       | H                        |                                             | 0.0                      | 43.7                | 83.5               | -39.8                       |  |
| 16726.200                                                                                                                                                | 31.0             | 34.3                          | 0.0          | 40.5            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 43.1                | 83.5               | -40.4                       |  |
| 13350.150                                                                                                                                                | 32.6             | 34.8                          | 0.0          | 40.4            | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 43.1                | 83.5               | -40.4                       |  |
| 16315.710                                                                                                                                                | 32.0             | 34.1                          | 0.0          | 39.1            | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 42.8                | 83.5               | -40.7                       |  |
| 15143.860                                                                                                                                                | 32.4             | 34.2                          | 0.0          | 39.1            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.7                | 83.5               | -40.8                       |  |
| 16678.260                                                                                                                                                | 30.7             | 34.2                          | 0.0          | 40.4            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 42.7                | 83.5               | -40.8                       |  |
| 14431.020                                                                                                                                                | 31.3             | 34.4                          | 0.0          | 40.6            | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.7                | 83.5               | -40.8                       |  |
| 14142.620                                                                                                                                                | 31.0             | 34.5                          | 0.0          | 41.1            | 5.0        | 0.0                       | V                        |                                             | 0.0                      | 42.7                | 83.5               | -40.8                       |  |
| 15113.890                                                                                                                                                | 32.0             | 34.2                          | 0.0          | 39.2            | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 42.4                | 83.5               | -41.1                       |  |
| 14393.400                                                                                                                                                | 30.9             | 34.4                          | 0.0          | 40.7            | 5.1        | 0.0                       | V                        |                                             | 0.0                      | 42.3                | 83.5               | -41.2                       |  |
| 13041.690                                                                                                                                                | 32.6             | 34.9                          | 0.0          | 39.8            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.3                | 83.5               | -41.2                       |  |
| 12984.010                                                                                                                                                | 32.4             | 35.0                          | 0.0          | 39.7            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 41.9                | 83.5               | -41.6                       |  |
| 14887.440                                                                                                                                                | 31.0             | 34.2                          | 0.0          | 39.8            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 41.8                | 83.5               | -41.7                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              | REV<br>df3.00<br>08/20/2002 |            |                           |                          |                                             |                          |                 |                    |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|------------------------|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Serial Number:                                                                                                                                           |                  | Date: 10/11/02                |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 75               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Attendees: none                                                                                                                                          |                  | Humidity: 43%                 |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.3     |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Tested by: Greg Kiemel                                                                                                                                   |                  | Power: DC power on Enet       |              | Job Site: EV01              |            |                           |                          |                                             |                          |                 |                    |                        |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Specification: FCC 15.209                                                                                                                                |                  | Year: Current 47CFR           |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 2000                    |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| COMMENTS                                                                                                                                                 |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Omni Antennas, High Channel                                                                                                                              |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| No deviations.                                                                                                                                           |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| RESULTS                                                                                                                                                  |                  | Test Distance (m)             |              | Run #                       |            |                           |                          |                                             |                          |                 |                    |                        |
| Evaluation                                                                                                                                               |                  | 1                             |              | 66                          |            |                           |                          |                                             |                          |                 |                    |                        |
| Other                                                                                                                                                    |                  | Tested By:                    |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB)             | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) |
| 17565.110                                                                                                                                                | 31.3             | 34.7                          | 0.0          | 44.8                        | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 47.4            | 83.5               | -36.1                  |
| 17924.640                                                                                                                                                | 30.6             | 34.9                          | 0.0          | 45.2                        | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 47.0            | 83.5               | -36.5                  |
| 17921.640                                                                                                                                                | 30.6             | 34.9                          | 0.0          | 45.2                        | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 47.0            | 83.5               | -36.5                  |
| 17493.200                                                                                                                                                | 30.6             | 34.6                          | 0.0          | 44.7                        | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 46.6            | 83.5               | -36.9                  |
| 13600.930                                                                                                                                                | 32.9             | 34.7                          | 0.0          | 40.8                        | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 44.0            | 83.5               | -39.5                  |
| 13856.730                                                                                                                                                | 32.3             | 34.6                          | 0.0          | 41.1                        | 5.0        | 0.0                       | H                        |                                             | 0.0                      | 43.8            | 83.5               | -39.7                  |
| 13385.260                                                                                                                                                | 32.6             | 34.8                          | 0.0          | 40.5                        | 4.9        | 0.0                       | V                        |                                             | 0.0                      | 43.2            | 83.5               | -40.3                  |
| 15155.850                                                                                                                                                | 32.8             | 34.2                          | 0.0          | 39.1                        | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 43.1            | 83.5               | -40.4                  |
| 13294.980                                                                                                                                                | 32.4             | 34.8                          | 0.0          | 40.3                        | 4.9        | 0.0                       | H                        |                                             | 0.0                      | 42.7            | 83.5               | -40.8                  |
| 16726.200                                                                                                                                                | 30.4             | 34.3                          | 0.0          | 40.5                        | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 42.5            | 83.5               | -41.0                  |
| 14212.840                                                                                                                                                | 30.9             | 34.4                          | 0.0          | 41.0                        | 5.1        | 0.0                       | V                        |                                             | 0.0                      | 42.5            | 83.5               | -41.0                  |
| 14456.090                                                                                                                                                | 31.1             | 34.4                          | 0.0          | 40.6                        | 5.1        | 0.0                       | H                        |                                             | 0.0                      | 42.4            | 83.5               | -41.1                  |
| 15137.870                                                                                                                                                | 32.0             | 34.2                          | 0.0          | 39.1                        | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 42.3            | 83.5               | -41.2                  |
| 13131.970                                                                                                                                                | 32.4             | 34.9                          | 0.0          | 40.0                        | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 42.3            | 83.5               | -41.2                  |
| 10645.600                                                                                                                                                | 35.1             | 35.2                          | 0.0          | 38.2                        | 4.1        | 0.0                       | H                        |                                             | 0.0                      | 42.2            | 83.5               | -41.3                  |
| 13076.800                                                                                                                                                | 32.4             | 34.9                          | 0.0          | 39.9                        | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 42.2            | 83.5               | -41.3                  |
| 16297.730                                                                                                                                                | 31.2             | 34.0                          | 0.0          | 39.0                        | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 41.9            | 83.5               | -41.6                  |
| 14709.380                                                                                                                                                | 30.8             | 34.3                          | 0.0          | 40.1                        | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 41.8            | 83.5               | -41.7                  |
| 15527.480                                                                                                                                                | 32.3             | 34.0                          | 0.0          | 37.9                        | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 41.6            | 83.5               | -41.9                  |
| 14842.300                                                                                                                                                | 30.6             | 34.2                          | 0.0          | 39.9                        | 5.3        | 0.0                       | H                        |                                             | 0.0                      | 41.5            | 83.5               | -42.0                  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |       |  |            |  |  |  |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|-------|--|------------|--|--|--|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |       |  |            |  |  |  |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Date: 10/11/02                |                    |                        |       |  |            |  |  |  |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Temperature: 68               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Humidity: 46%                 |                    |                        |       |  |            |  |  |  |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Barometric Pressure: 30.41    |                    |                        |       |  |            |  |  |  |  |                             |  |
| Tested by: Dave Tolman                                                                                                                                   |                  |             |              |                 |            |                           |                          |                                             |                          | Power: DC from E-net          |                    |                        |       |  |            |  |  |  |  | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Specification: FCC Part 15.209                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 2000                    |                    |                        |       |  |            |  |  |  |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 1992                    |                    |                        |       |  |            |  |  |  |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Mid channel, Ceiling mount antennas                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          |                                             |                          | Test Distance (m)             |                    |                        | Run # |  |            |  |  |  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          | 3                             |                    |                        | 75    |  |            |  |  |  |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  | Tested By: |  |  |  |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |       |  |            |  |  |  |  |                             |  |
| 2083.000                                                                                                                                                 | 43.7             | 32.1        | 0.0          | 29.2            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 43.3                          | 74.0               | -30.7                  |       |  |            |  |  |  |  |                             |  |
| 7425.387                                                                                                                                                 | 31.2             | 32.9        | 0.0          | 37.7            | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 41.9                          | 74.0               | -32.1                  |       |  |            |  |  |  |  |                             |  |
| 7425.387                                                                                                                                                 | 31.2             | 32.9        | 0.0          | 37.7            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 41.9                          | 74.0               | -32.1                  |       |  |            |  |  |  |  |                             |  |
| 6833.719                                                                                                                                                 | 31.9             | 33.0        | 0.0          | 36.8            | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 41.5                          | 74.0               | -32.5                  |       |  |            |  |  |  |  |                             |  |
| 6690.902                                                                                                                                                 | 32.1             | 32.9        | 0.0          | 36.5            | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 41.4                          | 74.0               | -32.6                  |       |  |            |  |  |  |  |                             |  |
| 6932.330                                                                                                                                                 | 31.6             | 33.1        | 0.0          | 37.1            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 41.4                          | 74.0               | -32.6                  |       |  |            |  |  |  |  |                             |  |
| 1153.000                                                                                                                                                 | 47.3             | 33.6        | 0.0          | 25.3            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 41.0                          | 74.0               | -33.0                  |       |  |            |  |  |  |  |                             |  |
| 6694.303                                                                                                                                                 | 31.6             | 32.9        | 0.0          | 36.5            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 40.9                          | 74.0               | -33.1                  |       |  |            |  |  |  |  |                             |  |
| 6010.824                                                                                                                                                 | 31.2             | 32.5        | 0.0          | 36.8            | 5.4        | 0.0                       | V                        |                                             | 0.0                      | 40.9                          | 74.0               | -33.1                  |       |  |            |  |  |  |  |                             |  |
| 1535.500                                                                                                                                                 | 44.6             | 32.7        | 0.0          | 26.8            | 2.2        | 0.0                       | V                        |                                             | 0.0                      | 40.8                          | 74.0               | -33.2                  |       |  |            |  |  |  |  |                             |  |
| 6029.526                                                                                                                                                 | 31.1             | 32.5        | 0.0          | 36.8            | 5.4        | 0.0                       | H                        |                                             | 0.0                      | 40.8                          | 74.0               | -33.2                  |       |  |            |  |  |  |  |                             |  |
| 1118.500                                                                                                                                                 | 46.8             | 33.7        | 0.0          | 25.2            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 40.3                          | 74.0               | -33.7                  |       |  |            |  |  |  |  |                             |  |
| 5303.242                                                                                                                                                 | 31.6             | 32.1        | 0.0          | 35.6            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 39.9                          | 74.0               | -34.1                  |       |  |            |  |  |  |  |                             |  |
| 2083.000                                                                                                                                                 | 40.2             | 32.1        | 0.0          | 29.2            | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 39.8                          | 74.0               | -34.2                  |       |  |            |  |  |  |  |                             |  |
| 5803.400                                                                                                                                                 | 30.1             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.4                          | 74.0               | -34.6                  |       |  |            |  |  |  |  |                             |  |
| 5801.700                                                                                                                                                 | 30.1             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.4                          | 74.0               | -34.6                  |       |  |            |  |  |  |  |                             |  |
| 2116.000                                                                                                                                                 | 39.7             | 32.1        | 0.0          | 29.3            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 39.4                          | 74.0               | -34.6                  |       |  |            |  |  |  |  |                             |  |
| 5805.101                                                                                                                                                 | 29.9             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.2                          | 74.0               | -34.8                  |       |  |            |  |  |  |  |                             |  |
| 5803.400                                                                                                                                                 | 29.8             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.1                          | 74.0               | -34.9                  |       |  |            |  |  |  |  |                             |  |
| 5801.700                                                                                                                                                 | 29.8             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.1                          | 74.0               | -34.9                  |       |  |            |  |  |  |  |                             |  |

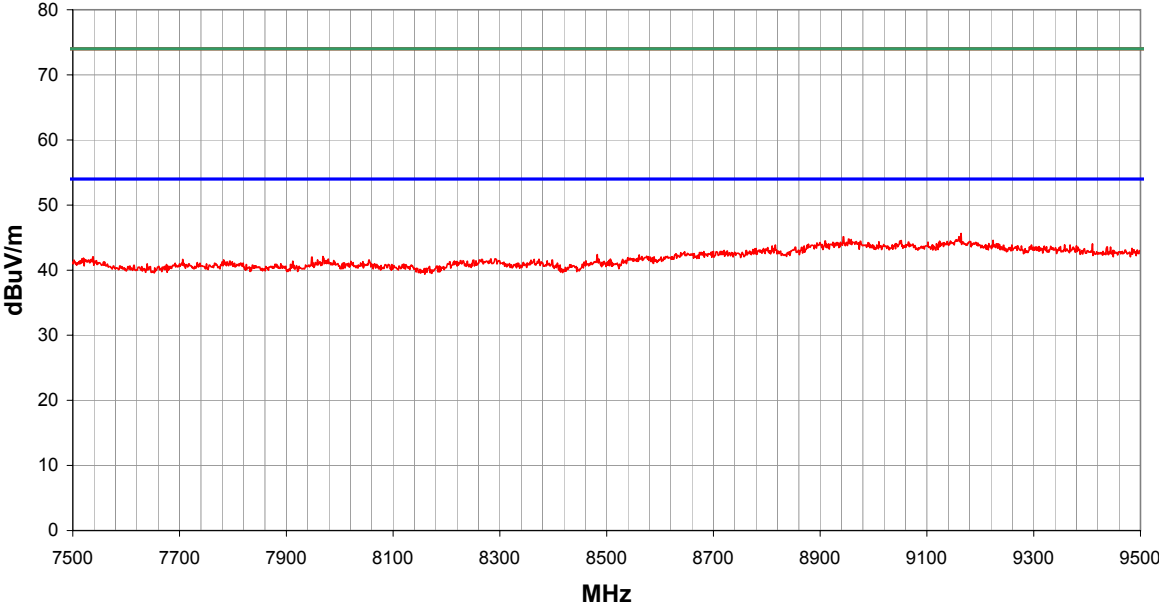
| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |       |  |            |  |  |  |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|-------|--|------------|--|--|--|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |       |  |            |  |  |  |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Date: 10/11/02                |                    |                        |       |  |            |  |  |  |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Temperature: 68               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Humidity: 46%                 |                    |                        |       |  |            |  |  |  |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Barometric Pressure: 30.41    |                    |                        |       |  |            |  |  |  |  |                             |  |
| Tested by: Dave Tolman                                                                                                                                   |                  |             |              |                 |            |                           |                          |                                             |                          | Power: DC from E-net          |                    |                        |       |  |            |  |  |  |  | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Specification: FCC Part 15.209                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 2000                    |                    |                        |       |  |            |  |  |  |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 1992                    |                    |                        |       |  |            |  |  |  |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Mid channel, Omni antennas                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          |                                             |                          | Test Distance (m)             |                    |                        | Run # |  |            |  |  |  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          | 3                             |                    |                        | 76    |  |            |  |  |  |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  | Tested By: |  |  |  |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |       |  |            |  |  |  |  |                             |  |
| 7472.992                                                                                                                                                 | 31.6             | 32.9        | 0.0          | 37.8            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 42.4                          | 74.0               | -31.6                  |       |  |            |  |  |  |  |                             |  |
| 2081.500                                                                                                                                                 | 42.6             | 32.1        | 0.0          | 29.2            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 42.2                          | 74.0               | -31.8                  |       |  |            |  |  |  |  |                             |  |
| 1151.500                                                                                                                                                 | 48.2             | 33.6        | 0.0          | 25.3            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 41.9                          | 74.0               | -32.1                  |       |  |            |  |  |  |  |                             |  |
| 7476.393                                                                                                                                                 | 31.0             | 32.9        | 0.0          | 37.8            | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 41.8                          | 74.0               | -32.2                  |       |  |            |  |  |  |  |                             |  |
| 6837.119                                                                                                                                                 | 31.9             | 33.0        | 0.0          | 36.8            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 41.5                          | 74.0               | -32.5                  |       |  |            |  |  |  |  |                             |  |
| 6891.525                                                                                                                                                 | 31.7             | 33.0        | 0.0          | 37.0            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 41.4                          | 74.0               | -32.6                  |       |  |            |  |  |  |  |                             |  |
| 6265.854                                                                                                                                                 | 32.0             | 32.7        | 0.0          | 36.4            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 41.3                          | 74.0               | -32.7                  |       |  |            |  |  |  |  |                             |  |
| 6061.830                                                                                                                                                 | 31.6             | 32.5        | 0.0          | 36.7            | 5.4        | 0.0                       | H                        |                                             | 0.0                      | 41.2                          | 74.0               | -32.8                  |       |  |            |  |  |  |  |                             |  |
| 5296.002                                                                                                                                                 | 32.8             | 32.1        | 0.0          | 35.6            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 41.1                          | 74.0               | -32.9                  |       |  |            |  |  |  |  |                             |  |
| 6015.925                                                                                                                                                 | 31.3             | 32.5        | 0.0          | 36.8            | 5.4        | 0.0                       | V                        |                                             | 0.0                      | 41.0                          | 74.0               | -33.0                  |       |  |            |  |  |  |  |                             |  |
| 1120.000                                                                                                                                                 | 47.4             | 33.7        | 0.0          | 25.2            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 40.9                          | 74.0               | -33.1                  |       |  |            |  |  |  |  |                             |  |
| 6660.299                                                                                                                                                 | 31.6             | 32.9        | 0.0          | 36.5            | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 40.8                          | 74.0               | -33.2                  |       |  |            |  |  |  |  |                             |  |
| 6629.695                                                                                                                                                 | 31.6             | 32.9        | 0.0          | 36.4            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 40.8                          | 74.0               | -33.2                  |       |  |            |  |  |  |  |                             |  |
| 5857.807                                                                                                                                                 | 31.2             | 32.4        | 0.0          | 36.5            | 5.3        | 0.0                       | V                        |                                             | 0.0                      | 40.6                          | 74.0               | -33.4                  |       |  |            |  |  |  |  |                             |  |
| 1537.000                                                                                                                                                 | 44.1             | 32.7        | 0.0          | 26.8            | 2.2        | 0.0                       | V                        |                                             | 0.0                      | 40.3                          | 74.0               | -33.7                  |       |  |            |  |  |  |  |                             |  |
| 5803.400                                                                                                                                                 | 30.5             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.8                          | 74.0               | -34.2                  |       |  |            |  |  |  |  |                             |  |
| 2081.500                                                                                                                                                 | 40.0             | 32.1        | 0.0          | 29.2            | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 39.6                          | 74.0               | -34.4                  |       |  |            |  |  |  |  |                             |  |
| 5800.000                                                                                                                                                 | 30.3             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.6                          | 74.0               | -34.4                  |       |  |            |  |  |  |  |                             |  |
| 2114.500                                                                                                                                                 | 39.9             | 32.1        | 0.0          | 29.3            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 39.6                          | 74.0               | -34.4                  |       |  |            |  |  |  |  |                             |  |
| 5805.101                                                                                                                                                 | 30.2             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.5                          | 74.0               | -34.5                  |       |  |            |  |  |  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |       |  |            |  |  |  |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|-------|--|------------|--|--|--|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |       |  |            |  |  |  |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Date: 10/11/02                |                    |                        |       |  |            |  |  |  |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Temperature: 68               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Humidity: 46%                 |                    |                        |       |  |            |  |  |  |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Barometric Pressure: 30.41    |                    |                        |       |  |            |  |  |  |  |                             |  |
| Tested by: Dave Tolman                                                                                                                                   |                  |             |              |                 |            |                           |                          |                                             |                          | Power: DC from E-net          |                    |                        |       |  |            |  |  |  |  | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Specification: FCC Part 15.209                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 2000                    |                    |                        |       |  |            |  |  |  |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 1992                    |                    |                        |       |  |            |  |  |  |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| High channel, Omni antennas                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          |                                             |                          | Test Distance (m)             |                    |                        | Run # |  |            |  |  |  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          | 3                             |                    |                        | 81    |  |            |  |  |  |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  | Tested By: |  |  |  |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |       |  |            |  |  |  |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |       |  |            |  |  |  |  |                             |  |
| 2081.500                                                                                                                                                 | 42.8             | 32.1        | 0.0          | 29.2            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 42.4                          | 74.0               | -31.6                  |       |  |            |  |  |  |  |                             |  |
| 7496.795                                                                                                                                                 | 31.3             | 32.9        | 0.0          | 37.8            | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 42.1                          | 74.0               | -31.9                  |       |  |            |  |  |  |  |                             |  |
| 7472.992                                                                                                                                                 | 31.2             | 32.9        | 0.0          | 37.8            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 42.0                          | 74.0               | -32.0                  |       |  |            |  |  |  |  |                             |  |
| 6881.324                                                                                                                                                 | 32.0             | 33.0        | 0.0          | 36.9            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 41.7                          | 74.0               | -32.3                  |       |  |            |  |  |  |  |                             |  |
| 6901.727                                                                                                                                                 | 31.8             | 33.0        | 0.0          | 37.0            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 41.5                          | 74.0               | -32.5                  |       |  |            |  |  |  |  |                             |  |
| 7126.152                                                                                                                                                 | 30.9             | 33.0        | 0.0          | 37.4            | 5.8        | 0.0                       | V                        |                                             | 0.0                      | 41.0                          | 74.0               | -33.0                  |       |  |            |  |  |  |  |                             |  |
| 6170.643                                                                                                                                                 | 31.6             | 32.6        | 0.0          | 36.6            | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 41.0                          | 74.0               | -33.0                  |       |  |            |  |  |  |  |                             |  |
| 6690.902                                                                                                                                                 | 31.7             | 32.9        | 0.0          | 36.5            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 41.0                          | 74.0               | -33.0                  |       |  |            |  |  |  |  |                             |  |
| 6068.631                                                                                                                                                 | 31.3             | 32.5        | 0.0          | 36.7            | 5.4        | 0.0                       | H                        |                                             | 0.0                      | 40.9                          | 74.0               | -33.1                  |       |  |            |  |  |  |  |                             |  |
| 1118.500                                                                                                                                                 | 47.4             | 33.7        | 0.0          | 25.2            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 40.9                          | 74.0               | -33.1                  |       |  |            |  |  |  |  |                             |  |
| 6636.496                                                                                                                                                 | 31.7             | 32.9        | 0.0          | 36.4            | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 40.9                          | 74.0               | -33.1                  |       |  |            |  |  |  |  |                             |  |
| 5328.583                                                                                                                                                 | 32.5             | 32.1        | 0.0          | 35.6            | 4.8        | 0.0                       | H                        |                                             | 0.0                      | 40.8                          | 74.0               | -33.2                  |       |  |            |  |  |  |  |                             |  |
| 1153.000                                                                                                                                                 | 46.1             | 33.6        | 0.0          | 25.3            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 39.8                          | 74.0               | -34.2                  |       |  |            |  |  |  |  |                             |  |
| 5803.400                                                                                                                                                 | 30.5             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.8                          | 74.0               | -34.2                  |       |  |            |  |  |  |  |                             |  |
| 5801.700                                                                                                                                                 | 30.5             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.8                          | 74.0               | -34.2                  |       |  |            |  |  |  |  |                             |  |
| 5803.400                                                                                                                                                 | 30.3             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.6                          | 74.0               | -34.4                  |       |  |            |  |  |  |  |                             |  |
| 2114.500                                                                                                                                                 | 39.8             | 32.1        | 0.0          | 29.3            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 39.5                          | 74.0               | -34.5                  |       |  |            |  |  |  |  |                             |  |
| 5801.700                                                                                                                                                 | 30.1             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.4                          | 74.0               | -34.6                  |       |  |            |  |  |  |  |                             |  |
| 5800.000                                                                                                                                                 | 30.1             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.4                          | 74.0               | -34.6                  |       |  |            |  |  |  |  |                             |  |
| 5805.101                                                                                                                                                 | 30.0             | 32.4        | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.3                          | 74.0               | -34.7                  |       |  |            |  |  |  |  |                             |  |

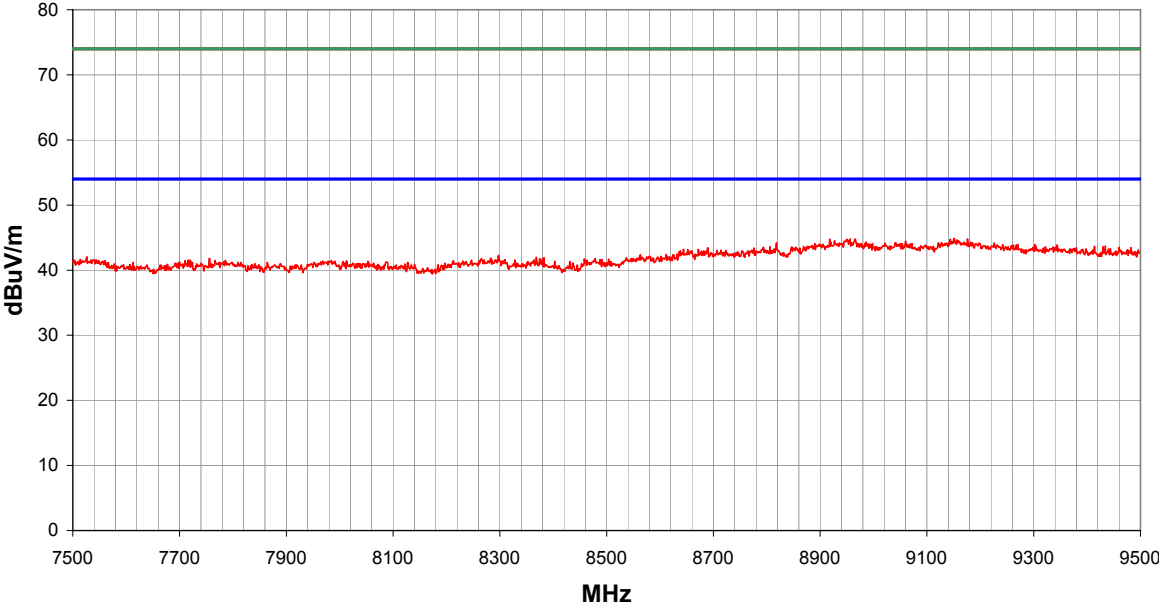
| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                 |                    | REV<br>df3.00<br>08/20/2002 |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|-----------------------------|--|-------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/11/02                |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 68               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 46%                 |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested by: Dave Tolman                                                                                                                                   |                  | Power: DC from E-net          |              | Job Site: EV01  |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Specification: FCC Part 15.209                                                                                                                           |                  | Year: 2000                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 1992                    |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| High channel, Ceiling mount antennas                                                                                                                     |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | Test Distance (m)           |  | Run # |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    | 3                           |  | 82    |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                 |                    |                             |  |       |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |       |  |
| 7432.188                                                                                                                                                 | 31.3             | 32.9                          | 0.0          | 37.7            | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 42.0            | 74.0               | -32.0                       |  |       |  |
| 7472.992                                                                                                                                                 | 31.2             | 32.9                          | 0.0          | 37.8            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 42.0            | 74.0               | -32.0                       |  |       |  |
| 2081.500                                                                                                                                                 | 42.2             | 32.1                          | 0.0          | 29.2            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 41.8            | 74.0               | -32.2                       |  |       |  |
| 6939.131                                                                                                                                                 | 31.9             | 33.1                          | 0.0          | 37.1            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 41.7            | 74.0               | -32.3                       |  |       |  |
| 6871.123                                                                                                                                                 | 31.9             | 33.0                          | 0.0          | 36.9            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 41.5            | 74.0               | -32.5                       |  |       |  |
| 6180.844                                                                                                                                                 | 31.7             | 32.6                          | 0.0          | 36.5            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 41.1            | 74.0               | -32.9                       |  |       |  |
| 6072.031                                                                                                                                                 | 31.4             | 32.5                          | 0.0          | 36.7            | 5.4        | 0.0                       | V                        |                                             | 0.0                      | 41.0            | 74.0               | -33.0                       |  |       |  |
| 1118.500                                                                                                                                                 | 47.5             | 33.7                          | 0.0          | 25.2            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 41.0            | 74.0               | -33.0                       |  |       |  |
| 6619.494                                                                                                                                                 | 31.7             | 32.9                          | 0.0          | 36.4            | 5.6        | 0.0                       | V                        |                                             | 0.0                      | 40.8            | 74.0               | -33.2                       |  |       |  |
| 1151.500                                                                                                                                                 | 46.6             | 33.6                          | 0.0          | 25.3            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 40.3            | 74.0               | -33.7                       |  |       |  |
| 5324.963                                                                                                                                                 | 32.0             | 32.1                          | 0.0          | 35.6            | 4.8        | 0.0                       | V                        |                                             | 0.0                      | 40.3            | 74.0               | -33.7                       |  |       |  |
| 5803.400                                                                                                                                                 | 30.7             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 40.0            | 74.0               | -34.0                       |  |       |  |
| 5803.400                                                                                                                                                 | 30.6             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.9            | 74.0               | -34.1                       |  |       |  |
| 5801.700                                                                                                                                                 | 30.5             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.8            | 74.0               | -34.2                       |  |       |  |
| 5801.700                                                                                                                                                 | 29.9             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.2            | 74.0               | -34.8                       |  |       |  |
| 5800.000                                                                                                                                                 | 29.9             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.2            | 74.0               | -34.8                       |  |       |  |
| 5800.000                                                                                                                                                 | 29.8             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.1            | 74.0               | -34.9                       |  |       |  |
| 5805.101                                                                                                                                                 | 29.7             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.0            | 74.0               | -35.0                       |  |       |  |
| 2113.000                                                                                                                                                 | 39.1             | 32.1                          | 0.0          | 29.3            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 38.8            | 74.0               | -35.2                       |  |       |  |
| 5668.874                                                                                                                                                 | 29.0             | 32.3                          | 0.0          | 36.2            | 5.1        | 0.0                       | V                        |                                             | 0.0                      | 38.0            | 74.0               | -36.0                       |  |       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  |       |  |  |  |  |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-------|--|--|--|--|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |  |       |  |  |  |  |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Date: 10/11/02                |                    |                        |  |       |  |  |  |  |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Temperature: 68               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Humidity: 46%                 |                    |                        |  |       |  |  |  |  |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Barometric Pressure: 30.41    |                    |                        |  |       |  |  |  |  |  |                             |  |
| Tested by: Dave Tolman                                                                                                                                   |                  |             |              |                 |            |                           |                          |                                             |                          | Power: DC from E-net          |                    |                        |  |       |  |  |  |  |  | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Specification: FCC Part 15.209                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |       |  |  |  |  |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 1992                    |                    |                        |  |       |  |  |  |  |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| High channel, Ceiling mount antennas                                                                                                                     |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          |                                             |                          | Test Distance (m)             |                    |                        |  | Run # |  |  |  |  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          | 3                             |                    |                        |  | 83    |  |  |  |  |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |       |  |  |  |  |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |       |  |  |  |  |  |                             |  |
| 9155.000                                                                                                                                                 | 29.8             | 30.9        | 0.0          | 39.7            | 6.5        | 0.0                       | H                        |                                             | 0.0                      | 45.1                          | 74.0               | -28.9                  |  |       |  |  |  |  |  |                             |  |
| 9168.000                                                                                                                                                 | 29.5             | 30.9        | 0.0          | 39.7            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 44.7                          | 74.0               | -29.3                  |  |       |  |  |  |  |  |                             |  |
| 8584.000                                                                                                                                                 | 29.8             | 31.6        | 0.0          | 38.3            | 6.3        | 0.0                       | V                        |                                             | 0.0                      | 42.7                          | 74.0               | -31.3                  |  |       |  |  |  |  |  |                             |  |
| 7516.156                                                                                                                                                 | 31.1             | 32.9        | 0.0          | 37.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 42.0                          | 74.0               | -32.0                  |  |       |  |  |  |  |  |                             |  |
| 7502.020                                                                                                                                                 | 31.1             | 32.9        | 0.0          | 37.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 42.0                          | 74.0               | -32.0                  |  |       |  |  |  |  |  |                             |  |
| 7986.707                                                                                                                                                 | 31.0             | 32.7        | 0.0          | 37.5            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 41.9                          | 74.0               | -32.1                  |  |       |  |  |  |  |  |                             |  |
| 8303.773                                                                                                                                                 | 30.1             | 32.2        | 0.0          | 37.7            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 41.9                          | 74.0               | -32.1                  |  |       |  |  |  |  |  |                             |  |
| 8266.412                                                                                                                                                 | 30.0             | 32.2        | 0.0          | 37.7            | 6.2        | 0.0                       | H                        |                                             | 0.0                      | 41.7                          | 74.0               | -32.3                  |  |       |  |  |  |  |  |                             |  |
| 7724.168                                                                                                                                                 | 30.6             | 32.8        | 0.0          | 37.7            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.5                          | 74.0               | -32.5                  |  |       |  |  |  |  |  |                             |  |
| 7800.910                                                                                                                                                 | 30.5             | 32.8        | 0.0          | 37.6            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 41.4                          | 74.0               | -32.6                  |  |       |  |  |  |  |  |                             |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  |  |  |  |  |  |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|--|--|--|--|--|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |  |  |  |  |  |  |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Date: 10/11/02                |                    |                        |  |  |  |  |  |  |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Temperature: 68               |                    |                        |  |  |  |  |  |  |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Humidity: 46%                 |                    |                        |  |  |  |  |  |  |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Barometric Pressure: 30.41    |                    |                        |  |  |  |  |  |  |  |                             |  |
| Tested by: Dave Tolman                                                                                                                                   |                  |             |              |                 |            |                           |                          |                                             |                          | Power: DC from E-net          |                    |                        |  |  |  |  |  |  |  | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |  |  |  |  |  |  |                             |  |
| Specification: FCC Part 15.209                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |  |  |  |  |  |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 1992                    |                    |                        |  |  |  |  |  |  |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |  |  |  |  |  |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |  |  |  |  |  |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |  |  |  |  |  |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |  |  |  |  |  |  |                             |  |
| High channel, Omni antennas                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |  |  |  |  |  |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |  |  |  |  |  |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |  |  |  |  |  |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |  |  |  |  |  |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |  |  |  |  |  |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          |                                             |                          | Test Distance (m)             |                    | Run #                  |  |  |  |  |  |  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          | 3                             |                    | 84                     |  |  |  |  |  |  |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |  |  |  |  |  |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |  |  |  |  |  |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |  |  |  |  |  |  |                             |  |
| 9154.000                                                                                                                                                 | 29.3             | 30.9        | 0.0          | 39.7            | 6.5        | 0.0                       | H                        |                                             | 0.0                      | 44.6                          | 74.0               | -29.4                  |  |  |  |  |  |  |  |                             |  |
| 9134.000                                                                                                                                                 | 29.2             | 30.9        | 0.0          | 39.8            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 44.5                          | 74.0               | -29.5                  |  |  |  |  |  |  |  |                             |  |
| 8926.000                                                                                                                                                 | 29.3             | 31.0        | 0.0          | 39.9            | 6.4        | 0.0                       | V                        |                                             | 0.0                      | 44.5                          | 74.0               | -29.5                  |  |  |  |  |  |  |  |                             |  |
| 8512.000                                                                                                                                                 | 30.0             | 31.8        | 0.0          | 38.0            | 6.3        | 0.0                       | V                        |                                             | 0.0                      | 42.4                          | 74.0               | -31.6                  |  |  |  |  |  |  |  |                             |  |
| 7528.273                                                                                                                                                 | 31.2             | 32.9        | 0.0          | 37.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 42.1                          | 74.0               | -31.9                  |  |  |  |  |  |  |  |                             |  |
| 8019.020                                                                                                                                                 | 30.9             | 32.7        | 0.0          | 37.5            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 41.9                          | 74.0               | -32.1                  |  |  |  |  |  |  |  |                             |  |
| 8267.422                                                                                                                                                 | 30.1             | 32.2        | 0.0          | 37.7            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 41.8                          | 74.0               | -32.2                  |  |  |  |  |  |  |  |                             |  |
| 7504.039                                                                                                                                                 | 30.9             | 32.9        | 0.0          | 37.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.8                          | 74.0               | -32.2                  |  |  |  |  |  |  |  |                             |  |
| 8271.461                                                                                                                                                 | 30.0             | 32.2        | 0.0          | 37.7            | 6.2        | 0.0                       | H                        |                                             | 0.0                      | 41.7                          | 74.0               | -32.3                  |  |  |  |  |  |  |  |                             |  |
| 7786.773                                                                                                                                                 | 30.7             | 32.8        | 0.0          | 37.6            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 41.6                          | 74.0               | -32.4                  |  |  |  |  |  |  |  |                             |  |
| 8004.883                                                                                                                                                 | 30.5             | 32.7        | 0.0          | 37.5            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 41.4                          | 74.0               | -32.6                  |  |  |  |  |  |  |  |                             |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.00<br>08/20/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/12/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 32%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure 30.41     |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Dan Haas                                                                                                                                      |                  | Power: DC from E-net          |              |                 |            |                           |                          |                                             |                          |                   |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC Part 15.209                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000        |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 1992        |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Mid channel, Omni Antenna                                                                                                                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 3                 |                    | 87                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 9164.000                                                                                                                                                 | 30.4             | 30.9                          | 0.0          | 39.7            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 45.6              | 74.0               | -28.4                       |  |
| 9160.000                                                                                                                                                 | 29.9             | 30.9                          | 0.0          | 39.7            | 6.5        | 0.0                       | H                        |                                             | 0.0                      | 45.2              | 74.0               | -28.8                       |  |
| 8944.000                                                                                                                                                 | 29.8             | 31.0                          | 0.0          | 39.9            | 6.4        | 0.0                       | H                        |                                             | 0.0                      | 45.1              | 74.0               | -28.9                       |  |
| 8954.000                                                                                                                                                 | 29.4             | 31.0                          | 0.0          | 40.0            | 6.4        | 0.0                       | V                        |                                             | 0.0                      | 44.8              | 74.0               | -29.2                       |  |
| 8816.000                                                                                                                                                 | 29.4             | 31.2                          | 0.0          | 39.4            | 6.3        | 0.0                       | V                        |                                             | 0.0                      | 43.9              | 74.0               | -30.1                       |  |
| 8482.502                                                                                                                                                 | 30.1             | 31.8                          | 0.0          | 37.9            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 42.4              | 74.0               | -31.6                       |  |
| 7968.531                                                                                                                                                 | 31.2             | 32.7                          | 0.0          | 37.5            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 42.1              | 74.0               | -31.9                       |  |
| 7538.371                                                                                                                                                 | 31.2             | 32.9                          | 0.0          | 37.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 42.1              | 74.0               | -31.9                       |  |
| 7948.336                                                                                                                                                 | 31.1             | 32.7                          | 0.0          | 37.5            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 42.0              | 74.0               | -32.0                       |  |
| 8291.656                                                                                                                                                 | 30.0             | 32.2                          | 0.0          | 37.7            | 6.2        | 0.0                       | H                        |                                             | 0.0                      | 41.7              | 74.0               | -32.3                       |  |
| 8283.578                                                                                                                                                 | 30.0             | 32.2                          | 0.0          | 37.7            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 41.7              | 74.0               | -32.3                       |  |
| 7705.992                                                                                                                                                 | 30.8             | 32.8                          | 0.0          | 37.7            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.7              | 74.0               | -32.3                       |  |
| 7534.332                                                                                                                                                 | 30.7             | 32.9                          | 0.0          | 37.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 41.6              | 74.0               | -32.4                       |  |
| 7794.852                                                                                                                                                 | 30.5             | 32.8                          | 0.0          | 37.6            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 41.4              | 74.0               | -32.6                       |  |

| NORTHWEST<br>EMC                                                                                                                                         |                  |             |              |                 |            |                           |                          |                                             |                          | RADIATED EMISSIONS DATA SHEET |                    |                        |  |       |  |  |  |  |  | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------------------|--------------------|------------------------|--|-------|--|--|--|--|--|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          | Work Order: INMC0045          |                    |                        |  |       |  |  |  |  |  |                             |  |
| Serial Number:                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Date: 10/12/02                |                    |                        |  |       |  |  |  |  |  |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Temperature: 72               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Attendees: None                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Humidity: 32%                 |                    |                        |  |       |  |  |  |  |  |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          | Barometric Pressure: 30.41    |                    |                        |  |       |  |  |  |  |  |                             |  |
| Tested by: Dan Haas                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          | Power: DC from E-net          |                    |                        |  |       |  |  |  |  |  | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Specification: FCC Part 15.209                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 2000                    |                    |                        |  |       |  |  |  |  |  |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |             |              |                 |            |                           |                          |                                             |                          | Year: 1992                    |                    |                        |  |       |  |  |  |  |  |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| COMMENTS                                                                                                                                                 |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Mid channel, Ceiling Mount Antenna                                                                                                                       |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Transmitting on both radios                                                                                                                              |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| No deviations.                                                                                                                                           |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| RESULTS                                                                                                                                                  |                  |             |              |                 |            |                           |                          |                                             |                          | Test Distance (m)             |                    |                        |  | Run # |  |  |  |  |  |                             |  |
| Evaluation                                                                                                                                               |                  |             |              |                 |            |                           |                          |                                             |                          | 3                             |                    |                        |  | 88    |  |  |  |  |  |                             |  |
| Other                                                                                                                                                    |                  |             |              |                 |            |                           |                          |                                             |                          | Tested By:                    |                    |                        |  |       |  |  |  |  |  |                             |  |
|                                                                                                                                                          |                  |             |              |                 |            |                           |                          |                                             |                          |                               |                    |                        |  |       |  |  |  |  |  |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB) | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m               | Spec. Limit dBuV/m | Compared to Spec. (dB) |  |       |  |  |  |  |  |                             |  |
| 9064.000                                                                                                                                                 | 29.4             | 30.9        | 0.0          | 40.0            | 6.4        | 0.0                       | H                        |                                             | 0.0                      | 44.9                          | 74.0               | -29.1                  |  |       |  |  |  |  |  |                             |  |
| 8939.000                                                                                                                                                 | 29.6             | 31.0        | 0.0          | 39.9            | 6.4        | 0.0                       | V                        |                                             | 0.0                      | 44.9                          | 74.0               | -29.1                  |  |       |  |  |  |  |  |                             |  |
| 9160.000                                                                                                                                                 | 29.6             | 30.9        | 0.0          | 39.7            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 44.9                          | 74.0               | -29.1                  |  |       |  |  |  |  |  |                             |  |
| 9155.000                                                                                                                                                 | 29.4             | 30.9        | 0.0          | 39.7            | 6.5        | 0.0                       | H                        |                                             | 0.0                      | 44.7                          | 74.0               | -29.3                  |  |       |  |  |  |  |  |                             |  |
| 8482.502                                                                                                                                                 | 30.5             | 31.8        | 0.0          | 37.9            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 42.8                          | 74.0               | -31.2                  |  |       |  |  |  |  |  |                             |  |
| 7766.578                                                                                                                                                 | 31.1             | 32.8        | 0.0          | 37.6            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 42.0                          | 74.0               | -32.0                  |  |       |  |  |  |  |  |                             |  |
| 7546.449                                                                                                                                                 | 31.0             | 32.9        | 0.0          | 37.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.9                          | 74.0               | -32.1                  |  |       |  |  |  |  |  |                             |  |
| 7811.008                                                                                                                                                 | 30.9             | 32.8        | 0.0          | 37.6            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.8                          | 74.0               | -32.2                  |  |       |  |  |  |  |  |                             |  |
| 8261.363                                                                                                                                                 | 30.1             | 32.2        | 0.0          | 37.7            | 6.2        | 0.0                       | H                        |                                             | 0.0                      | 41.8                          | 74.0               | -32.2                  |  |       |  |  |  |  |  |                             |  |
| 8255.305                                                                                                                                                 | 30.1             | 32.2        | 0.0          | 37.7            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 41.7                          | 74.0               | -32.3                  |  |       |  |  |  |  |  |                             |  |
| 7976.609                                                                                                                                                 | 30.8             | 32.7        | 0.0          | 37.5            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 41.7                          | 74.0               | -32.3                  |  |       |  |  |  |  |  |                             |  |
| 7504.039                                                                                                                                                 | 30.6             | 32.9        | 0.0          | 37.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 41.5                          | 74.0               | -32.5                  |  |       |  |  |  |  |  |                             |  |
| 7986.707                                                                                                                                                 | 30.5             | 32.7        | 0.0          | 37.5            | 6.1        | 0.0                       | H                        |                                             | 0.0                      | 41.4                          | 74.0               | -32.6                  |  |       |  |  |  |  |  |                             |  |

|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| NORTHWEST                                                                                                                                                |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.00<br>08/20/2002 |  |
| EMC                                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/12/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 32%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure 30.41     |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Dan Haas                                                                                                                                      |                  | Power: DC from E-net          |              |                 |            |                           |                          |                                             |                          |                   |                    | Job Site: EV01              |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC Part 15.209                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000        |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 1992        |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Low channel, Ceiling Mount Antenna                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 3                 |                    | 89                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested By:                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
|                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 9151.000                                                                                                                                                 | 29.6             | 30.9                          | 0.0          | 39.7            | 6.5        | 0.0                       | V                        |                                             | 0.0                      | 44.9              | 74.0               | -29.1                       |  |
| 9176.000                                                                                                                                                 | 29.6             | 30.9                          | 0.0          | 39.6            | 6.5        | 0.0                       | H                        |                                             | 0.0                      | 44.8              | 74.0               | -29.2                       |  |
| 8956.000                                                                                                                                                 | 29.4             | 31.0                          | 0.0          | 40.0            | 6.4        | 0.0                       | H                        |                                             | 0.0                      | 44.8              | 74.0               | -29.2                       |  |
| 8818.000                                                                                                                                                 | 29.7             | 31.2                          | 0.0          | 39.4            | 6.3        | 0.0                       | V                        |                                             | 0.0                      | 44.2              | 74.0               | -29.8                       |  |
| 8297.715                                                                                                                                                 | 30.5             | 32.2                          | 0.0          | 37.7            | 6.2        | 0.0                       | V                        |                                             | 0.0                      | 42.3              | 74.0               | -31.7                       |  |
| 7526.254                                                                                                                                                 | 31.2             | 32.9                          | 0.0          | 37.8            | 6.0        | 0.0                       | V                        |                                             | 0.0                      | 42.1              | 74.0               | -31.9                       |  |
| 8382.535                                                                                                                                                 | 29.9             | 32.0                          | 0.0          | 37.8            | 6.2        | 0.0                       | H                        |                                             | 0.0                      | 41.9              | 74.0               | -32.1                       |  |
| 7756.480                                                                                                                                                 | 30.9             | 32.8                          | 0.0          | 37.6            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.8              | 74.0               | -32.2                       |  |
| 7526.254                                                                                                                                                 | 30.8             | 32.9                          | 0.0          | 37.8            | 6.0        | 0.0                       | H                        |                                             | 0.0                      | 41.7              | 74.0               | -32.3                       |  |
| 7984.688                                                                                                                                                 | 30.6             | 32.7                          | 0.0          | 37.5            | 6.1        | 0.0                       | V                        |                                             | 0.0                      | 41.5              | 74.0               | -32.5                       |  |

|                                                                                                                                                          |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------|--------------|-------------------|------------|-----------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|------------------------|
| NORTHWEST<br><b>EMC</b>                                                                                                                                  |                  | <b>RADIATED EMISSIONS DATA SHEET</b> |              |                   |            | REV<br>df3.00<br>08/20/2002 |                          |                                             |                          |                 |                    |                        |
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045                 |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Serial Number:                                                                                                                                           |                  | Date: 10/12/02                       |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Attendees: None                                                                                                                                          |                  | Humidity: 32%                        |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure 30.41            |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Tested by: Dan Haas                                                                                                                                      |                  | Power: DC from E-net                 |              | Job Site: EV01    |            |                             |                          |                                             |                          |                 |                    |                        |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Specification: FCC Part 15.209                                                                                                                           |                  | Year: 2000                           |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 1992                           |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| COMMENTS                                                                                                                                                 |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Low channel, Omni Antenna                                                                                                                                |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| EUT OPERATING MODES                                                                                                                                      |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Transmitting on both radios                                                                                                                              |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| No deviations.                                                                                                                                           |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| RESULTS                                                                                                                                                  |                  |                                      |              | Test Distance (m) |            | Run #                       |                          |                                             |                          |                 |                    |                        |
| Evaluation                                                                                                                                               |                  |                                      |              | 3                 |            | 90                          |                          |                                             |                          |                 |                    |                        |
| Other                                                                                                                                                    |                  |                                      |              | Tested By:        |            |                             |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  |                                      |              |                   |            |                             |                          |                                             |                          |                 |                    |                        |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                          | Chamber (dB) | Transducer (dB)   | Cable (dB) | External Attenuation (dB)   | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) |
| 9154.000                                                                                                                                                 | 29.8             | 30.9                                 | 0.0          | 39.7              | 6.5        | 0.0                         | V                        |                                             | 0.0                      | 45.1            | 74.0               | -28.9                  |
| 9220.000                                                                                                                                                 | 29.6             | 30.9                                 | 0.0          | 39.5              | 6.5        | 0.0                         | H                        |                                             | 0.0                      | 44.7            | 74.0               | -29.3                  |
| 7984.688                                                                                                                                                 | 31.2             | 32.7                                 | 0.0          | 37.5              | 6.1        | 0.0                         | H                        |                                             | 0.0                      | 42.1            | 74.0               | -31.9                  |
| 7534.332                                                                                                                                                 | 31.1             | 32.9                                 | 0.0          | 37.8              | 6.0        | 0.0                         | V                        |                                             | 0.0                      | 42.0            | 74.0               | -32.0                  |
| 8270.451                                                                                                                                                 | 30.2             | 32.2                                 | 0.0          | 37.7              | 6.2        | 0.0                         | V                        |                                             | 0.0                      | 41.9            | 74.0               | -32.1                  |
| 8287.617                                                                                                                                                 | 30.1             | 32.2                                 | 0.0          | 37.7              | 6.2        | 0.0                         | H                        |                                             | 0.0                      | 41.8            | 74.0               | -32.2                  |
| 7972.570                                                                                                                                                 | 30.9             | 32.7                                 | 0.0          | 37.5              | 6.1        | 0.0                         | V                        |                                             | 0.0                      | 41.8            | 74.0               | -32.2                  |
| 7716.090                                                                                                                                                 | 30.9             | 32.8                                 | 0.0          | 37.7              | 6.0        | 0.0                         | V                        |                                             | 0.0                      | 41.8            | 74.0               | -32.2                  |
| 7530.293                                                                                                                                                 | 30.9             | 32.9                                 | 0.0          | 37.8              | 6.0        | 0.0                         | H                        |                                             | 0.0                      | 41.8            | 74.0               | -32.2                  |
| 7689.836                                                                                                                                                 | 30.8             | 32.8                                 | 0.0          | 37.7              | 6.0        | 0.0                         | H                        |                                             | 0.0                      | 41.7            | 74.0               | -32.3                  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              | REV<br>df3.00<br>08/20/2002 |            |                           |                          |                                             |                          |                 |                    |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-----------------|--------------------|------------------------|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Serial Number:                                                                                                                                           |                  | Date: 10/12/02                |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Attendees: None                                                                                                                                          |                  | Humidity: 32%                 |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Tested by: Dan Haas                                                                                                                                      |                  | Power: DC from E-net          |              | Job Site: EV01              |            |                           |                          |                                             |                          |                 |                    |                        |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Specification: FCC Part 15.209                                                                                                                           |                  | Year: 2000                    |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Method: ANSI C63.4                                                                                                                                       |                  | Year: 1992                    |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| COMMENTS                                                                                                                                                 |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Low channel, Omni Antenna                                                                                                                                |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| No deviations.                                                                                                                                           |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| RESULTS                                                                                                                                                  |                  | Test Distance (m)             |              | Run #                       |            |                           |                          |                                             |                          |                 |                    |                        |
| Evaluation                                                                                                                                               |                  | 3                             |              | 91                          |            |                           |                          |                                             |                          |                 |                    |                        |
| Other                                                                                                                                                    |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  | Tested By: _____              |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
|                                                                                                                                                          |                  |                               |              |                             |            |                           |                          |                                             |                          |                 |                    |                        |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB)             | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) |
| 5263.421                                                                                                                                                 | 38.2             | 32.1                          | 0.0          | 35.5                        | 4.7        | 0.0                       | H                        |                                             | 0.0                      | 46.4            | 74.0               | -27.6                  |
| 2081.500                                                                                                                                                 | 43.0             | 32.1                          | 0.0          | 29.2                        | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 42.6            | 74.0               | -31.4                  |
| 7455.990                                                                                                                                                 | 31.3             | 32.9                          | 0.0          | 37.7                        | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 42.1            | 74.0               | -31.9                  |
| 7476.393                                                                                                                                                 | 31.2             | 32.9                          | 0.0          | 37.8                        | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 42.0            | 74.0               | -32.0                  |
| 6857.521                                                                                                                                                 | 31.8             | 33.0                          | 0.0          | 36.9                        | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 41.4            | 74.0               | -32.6                  |
| 6276.055                                                                                                                                                 | 32.0             | 32.7                          | 0.0          | 36.4                        | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 41.3            | 74.0               | -32.7                  |
| 2081.500                                                                                                                                                 | 41.6             | 32.1                          | 0.0          | 29.2                        | 2.5        | 0.0                       | H                        |                                             | 0.0                      | 41.2            | 74.0               | -32.8                  |
| 6840.520                                                                                                                                                 | 31.6             | 33.0                          | 0.0          | 36.8                        | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 41.2            | 74.0               | -32.8                  |
| 6660.299                                                                                                                                                 | 31.6             | 32.9                          | 0.0          | 36.5                        | 5.7        | 0.0                       | H                        |                                             | 0.0                      | 40.8            | 74.0               | -33.2                  |
| 6650.098                                                                                                                                                 | 31.6             | 32.9                          | 0.0          | 36.4                        | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 40.8            | 74.0               | -33.2                  |
| 6060.130                                                                                                                                                 | 31.1             | 32.5                          | 0.0          | 36.7                        | 5.4        | 0.0                       | H                        |                                             | 0.0                      | 40.7            | 74.0               | -33.3                  |
| 1153.000                                                                                                                                                 | 46.7             | 33.6                          | 0.0          | 25.3                        | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 40.4            | 74.0               | -33.6                  |
| 2116.000                                                                                                                                                 | 40.3             | 32.1                          | 0.0          | 29.3                        | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 40.0            | 74.0               | -34.0                  |
| 5800.000                                                                                                                                                 | 30.3             | 32.4                          | 0.0          | 36.4                        | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.6            | 74.0               | -34.4                  |
| 1118.500                                                                                                                                                 | 46.1             | 33.7                          | 0.0          | 25.2                        | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 39.6            | 74.0               | -34.4                  |
| 5803.400                                                                                                                                                 | 30.2             | 32.4                          | 0.0          | 36.4                        | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.5            | 74.0               | -34.5                  |
| 5801.700                                                                                                                                                 | 30.2             | 32.4                          | 0.0          | 36.4                        | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.5            | 74.0               | -34.5                  |
| 5800.000                                                                                                                                                 | 30.2             | 32.4                          | 0.0          | 36.4                        | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.5            | 74.0               | -34.5                  |
| 5805.101                                                                                                                                                 | 30.1             | 32.4                          | 0.0          | 36.4                        | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.4            | 74.0               | -34.6                  |
| 5263.421                                                                                                                                                 | 31.1             | 32.1                          | 0.0          | 35.5                        | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 39.3            | 74.0               | -34.7                  |

| NORTHWEST<br>EMC                                                                                                                                         |                  | RADIATED EMISSIONS DATA SHEET |              |                 |            |                           |                          |                                             |                          |                   |                    | REV<br>df3.00<br>08/20/2002 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------|-----------------|------------|---------------------------|--------------------------|---------------------------------------------|--------------------------|-------------------|--------------------|-----------------------------|--|
| EUT: WN-5MP01                                                                                                                                            |                  | Work Order: INMC0045          |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Serial Number:                                                                                                                                           |                  | Date: 10/12/02                |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Customer: INTERMEC Corporation                                                                                                                           |                  | Temperature: 72               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Attendees: None                                                                                                                                          |                  | Humidity: 32%                 |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Cust. Ref. No.:                                                                                                                                          |                  | Barometric Pressure: 30.41    |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Tested by: Dan Haas                                                                                                                                      |                  | Power: DC from E-net          |              |                 |            |                           | Job Site: EV01           |                                             |                          |                   |                    |                             |  |
| TEST SPECIFICATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Specification: FCC Part 15.209                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 2000        |                    |                             |  |
| Method: ANSI C63.4                                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          | Year: 1992        |                    |                             |  |
| SAMPLE CALCULATIONS                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator                                |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| COMMENTS                                                                                                                                                 |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Low channel, Ceiling Mount Antenna                                                                                                                       |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| EUT OPERATING MODES                                                                                                                                      |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Transmitting on both radios                                                                                                                              |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| DEVIATIONS FROM TEST STANDARD                                                                                                                            |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| No deviations.                                                                                                                                           |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| RESULTS                                                                                                                                                  |                  |                               |              |                 |            |                           |                          |                                             |                          | Test Distance (m) |                    | Run #                       |  |
| Evaluation                                                                                                                                               |                  |                               |              |                 |            |                           |                          |                                             |                          | 3                 |                    | 92                          |  |
| Other                                                                                                                                                    |                  |                               |              |                 |            |                           |                          |                                             |                          | Tested By:        |                    |                             |  |
|                                                                                                                                                          |                  |                               |              |                 |            |                           |                          |                                             |                          |                   |                    |                             |  |
| Freq (MHz)                                                                                                                                               | Amplitude (dBuV) | Preamp (dB)                   | Chamber (dB) | Transducer (dB) | Cable (dB) | External Attenuation (dB) | Polarity/Transducer Type | Detector (blank equal peaks [PK] from scan) | Distance Adjustment (dB) | Adjusted dBuV/m   | Spec. Limit dBuV/m | Compared to Spec. (dB)      |  |
| 5265.231                                                                                                                                                 | 38.1             | 32.1                          | 0.0          | 35.5            | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 46.3              | 74.0               | -27.7                       |  |
| 2083.000                                                                                                                                                 | 44.5             | 32.1                          | 0.0          | 29.2            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 44.1              | 74.0               | -29.9                       |  |
| 1153.000                                                                                                                                                 | 48.9             | 33.6                          | 0.0          | 25.3            | 2.1        | 0.0                       | V                        |                                             | 0.0                      | 42.6              | 74.0               | -31.4                       |  |
| 5263.421                                                                                                                                                 | 34.3             | 32.1                          | 0.0          | 35.5            | 4.7        | 0.0                       | H                        |                                             | 0.0                      | 42.5              | 74.0               | -31.5                       |  |
| 7425.387                                                                                                                                                 | 31.1             | 32.9                          | 0.0          | 37.7            | 5.9        | 0.0                       | H                        |                                             | 0.0                      | 41.8              | 74.0               | -32.2                       |  |
| 6255.652                                                                                                                                                 | 32.4             | 32.7                          | 0.0          | 36.4            | 5.5        | 0.0                       | V                        |                                             | 0.0                      | 41.7              | 74.0               | -32.3                       |  |
| 7445.789                                                                                                                                                 | 30.9             | 32.9                          | 0.0          | 37.7            | 5.9        | 0.0                       | V                        |                                             | 0.0                      | 41.6              | 74.0               | -32.4                       |  |
| 6935.730                                                                                                                                                 | 31.8             | 33.1                          | 0.0          | 37.1            | 5.8        | 0.0                       | H                        |                                             | 0.0                      | 41.6              | 74.0               | -32.4                       |  |
| 6236.950                                                                                                                                                 | 32.0             | 32.6                          | 0.0          | 36.5            | 5.5        | 0.0                       | H                        |                                             | 0.0                      | 41.3              | 74.0               | -32.7                       |  |
| 1118.500                                                                                                                                                 | 47.6             | 33.7                          | 0.0          | 25.2            | 2.0        | 0.0                       | V                        |                                             | 0.0                      | 41.1              | 74.0               | -32.9                       |  |
| 6094.134                                                                                                                                                 | 31.5             | 32.6                          | 0.0          | 36.7            | 5.4        | 0.0                       | V                        |                                             | 0.0                      | 41.0              | 74.0               | -33.0                       |  |
| 6622.895                                                                                                                                                 | 31.9             | 32.9                          | 0.0          | 36.4            | 5.6        | 0.0                       | H                        |                                             | 0.0                      | 41.0              | 74.0               | -33.0                       |  |
| 6867.723                                                                                                                                                 | 31.3             | 33.0                          | 0.0          | 36.9            | 5.7        | 0.0                       | V                        |                                             | 0.0                      | 40.9              | 74.0               | -33.1                       |  |
| 5256.181                                                                                                                                                 | 32.6             | 32.1                          | 0.0          | 35.5            | 4.7        | 0.0                       | V                        |                                             | 0.0                      | 40.8              | 74.0               | -33.2                       |  |
| 5252.561                                                                                                                                                 | 32.6             | 32.1                          | 0.0          | 35.5            | 4.7        | 0.0                       | H                        |                                             | 0.0                      | 40.8              | 74.0               | -33.2                       |  |
| 6038.027                                                                                                                                                 | 31.1             | 32.5                          | 0.0          | 36.7            | 5.4        | 0.0                       | H                        |                                             | 0.0                      | 40.7              | 74.0               | -33.3                       |  |
| 2113.000                                                                                                                                                 | 40.3             | 32.1                          | 0.0          | 29.3            | 2.5        | 0.0                       | V                        |                                             | 0.0                      | 40.0              | 74.0               | -34.0                       |  |
| 5805.101                                                                                                                                                 | 30.6             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.9              | 74.0               | -34.1                       |  |
| 5805.101                                                                                                                                                 | 30.1             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | V                        |                                             | 0.0                      | 39.4              | 74.0               | -34.6                       |  |
| 5803.400                                                                                                                                                 | 30.0             | 32.4                          | 0.0          | 36.4            | 5.2        | 0.0                       | H                        |                                             | 0.0                      | 39.3              | 74.0               | -34.7                       |  |