

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

**FCC ID: HN2WN-5MP01**

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df2.05  
07/31/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0024</b>
Serial Number:		Date: <b>8/14/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>
Attendees: <b>None</b>		Humidity: <b>38%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30</b>
Tested by: <b>Rod Peloquin</b>	Power: <b>120 V, 60 Hz</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

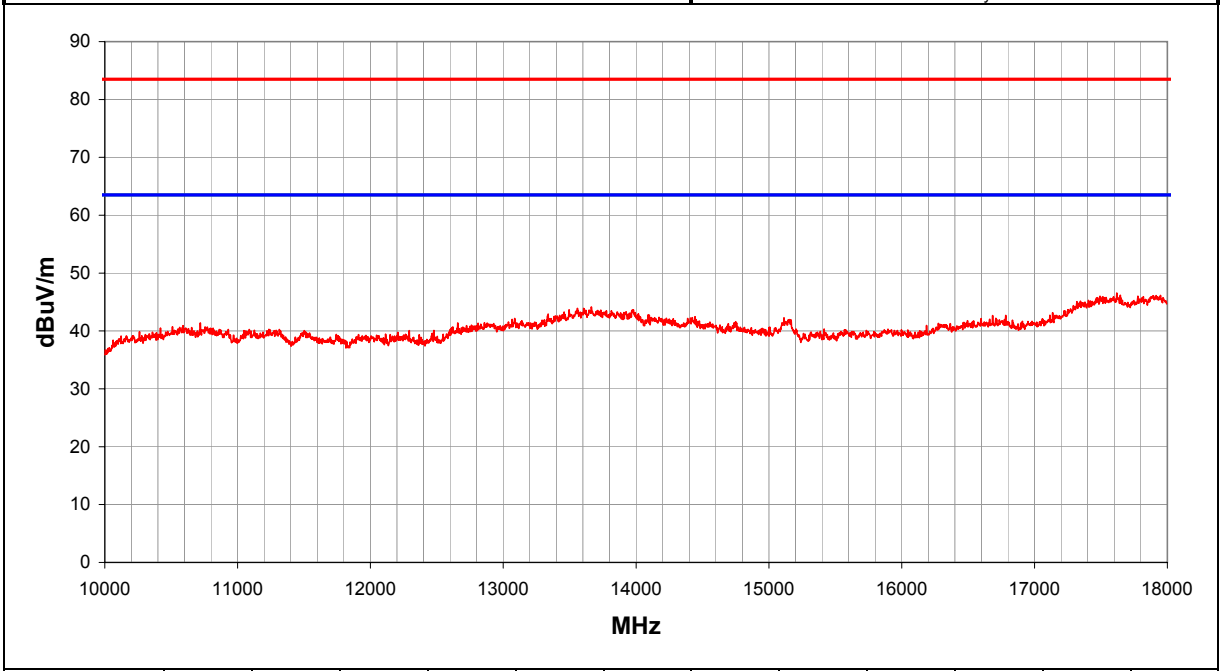
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df2.05  
07/31/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0024</b>
Serial Number:		Date: <b>8/14/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>
Attendees: <b>None</b>		Humidity: <b>38%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30</b>
Tested by: <b>Rod Peloquin</b>	Power: <b>120 V, 60 Hz</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

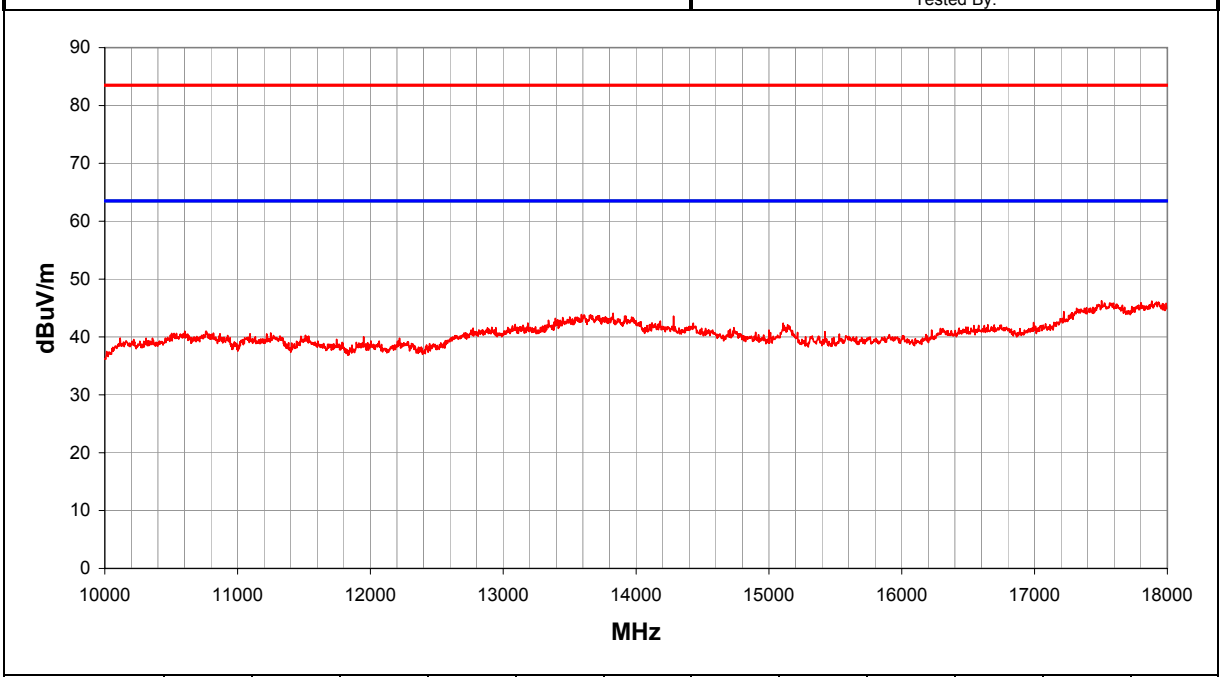
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d2.05 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

<b>TEST SPECIFICATIONS</b>	
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

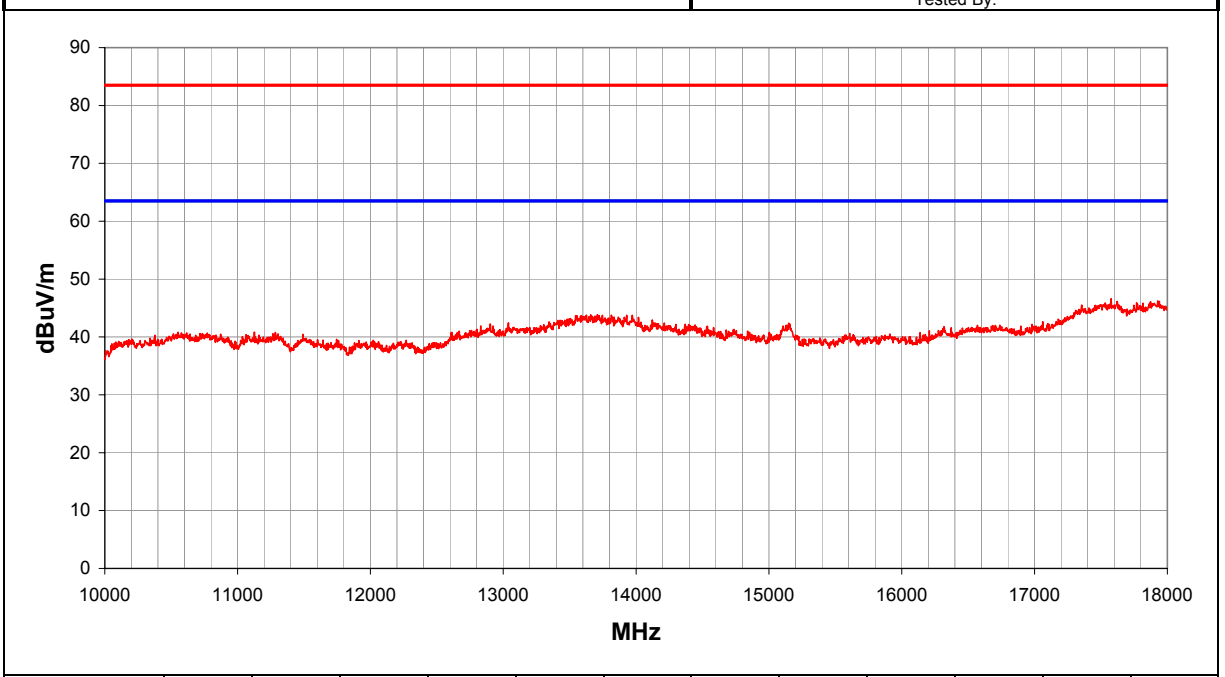
**EUT OPERATING MODES**  
 Transmitting radio b

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d2.05 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

<b>TEST SPECIFICATIONS</b>	
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

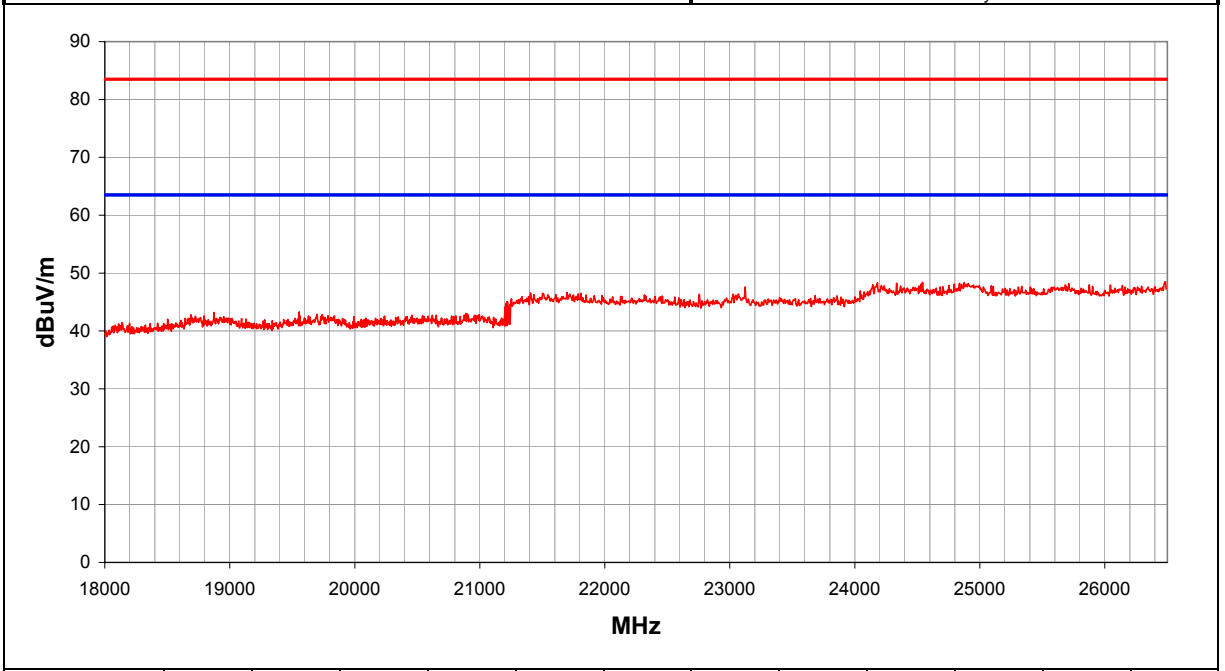
**EUT OPERATING MODES**  
 Transmitting radio b

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df2.05 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

<b>TEST SPECIFICATIONS</b>	
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

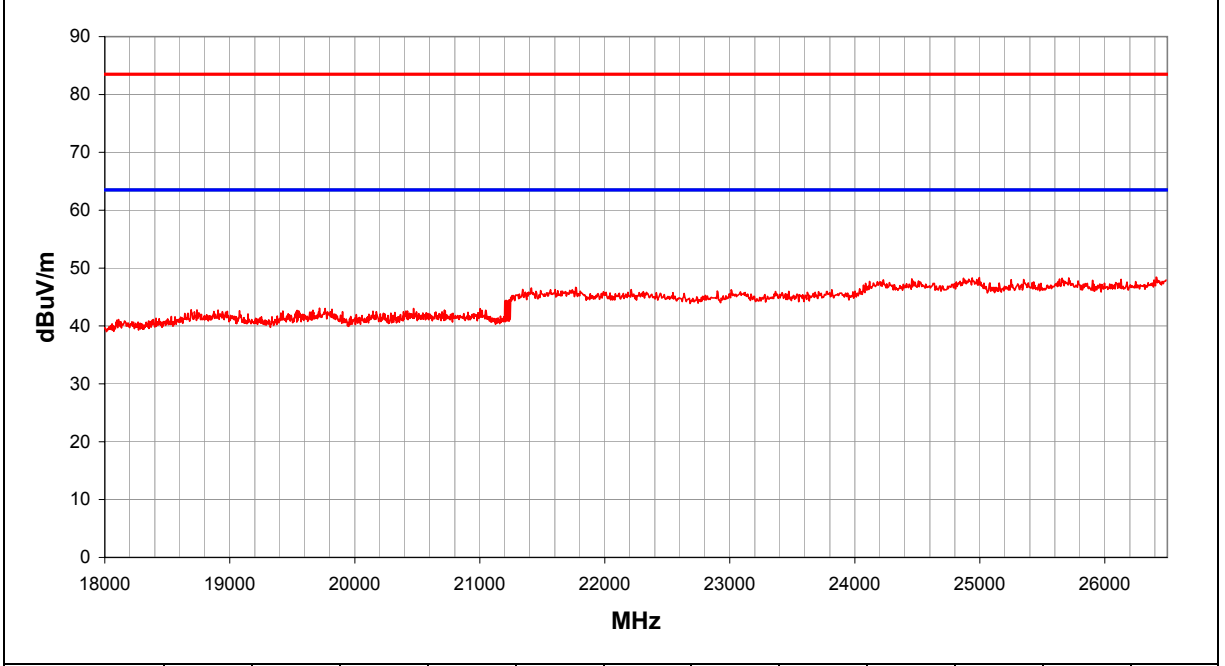
**EUT OPERATING MODES**  
 Transmitting radio b

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d#2.05 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

<b>TEST SPECIFICATIONS</b>	
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

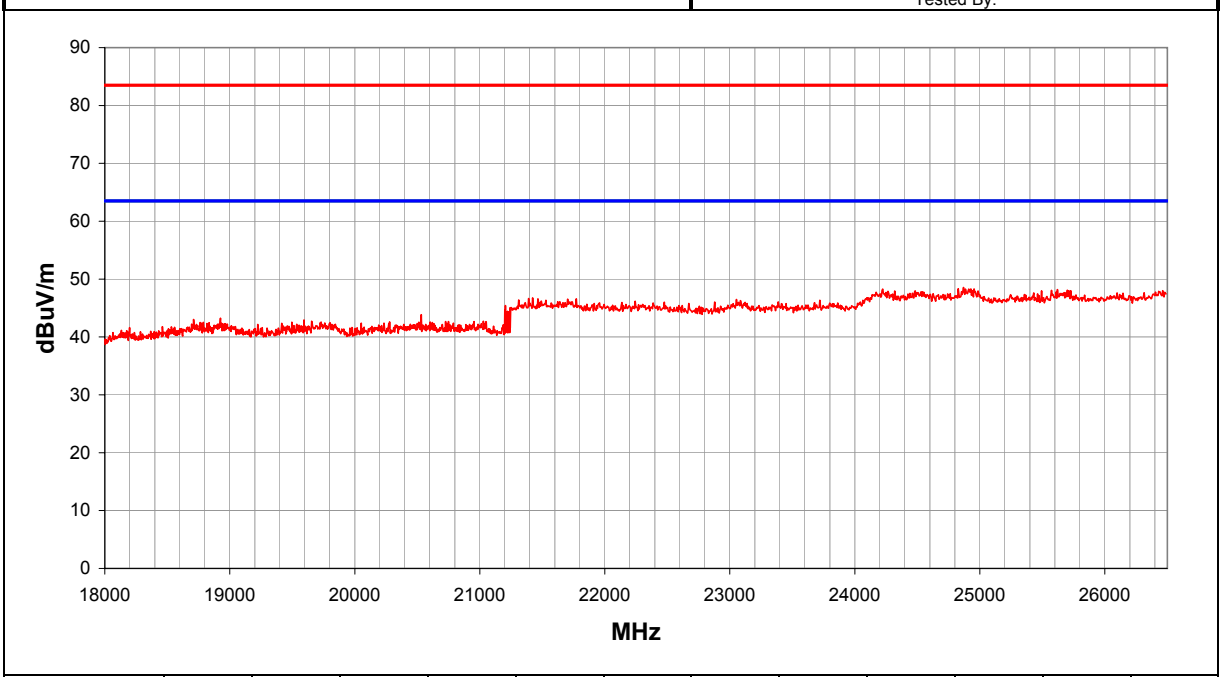
**EUT OPERATING MODES**  
 Transmitting radio b

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	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)
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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df2.05 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

<b>TEST SPECIFICATIONS</b>	
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

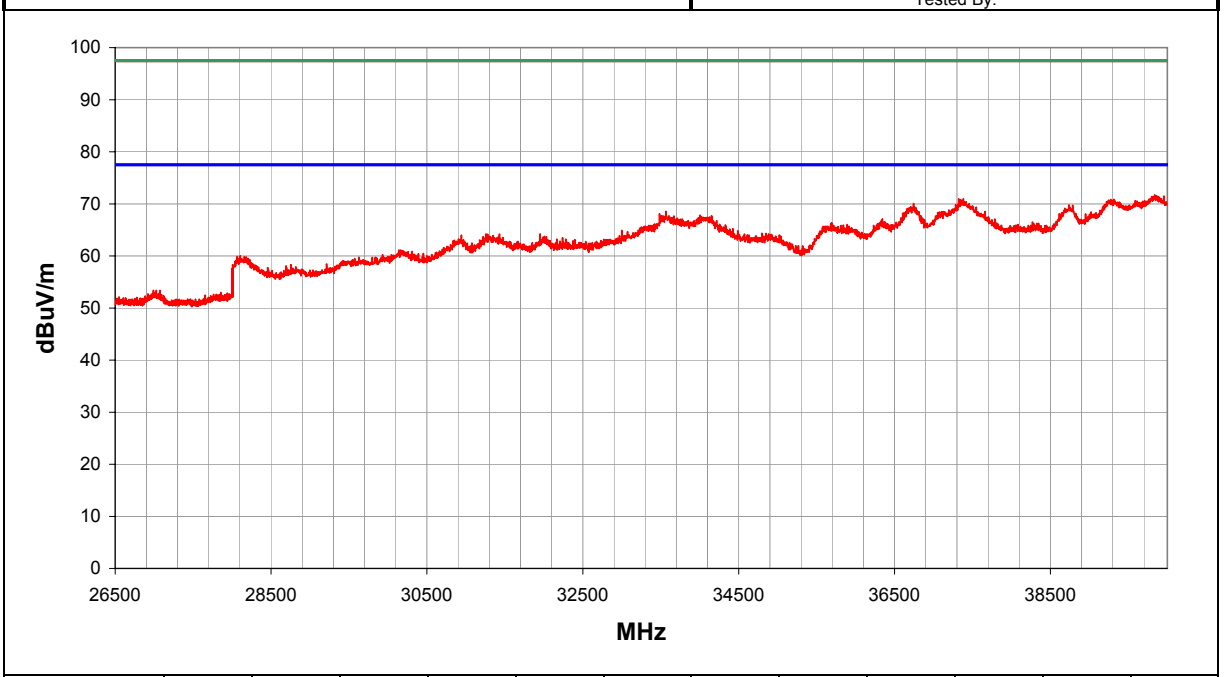
**EUT OPERATING MODES**  
 Transmitting radio b

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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



**RADIATED EMISSIONS DATA SHEET**

NORTHWEST  
**EMC**

REV  
df2.05  
07/31/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0024</b>
Serial Number:		Date: <b>8/14/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>
Attendees: <b>None</b>		Humidity: <b>38%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30</b>
Tested by: <b>Rod Peloquin</b>	Power: <b>120 V, 60 Hz</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

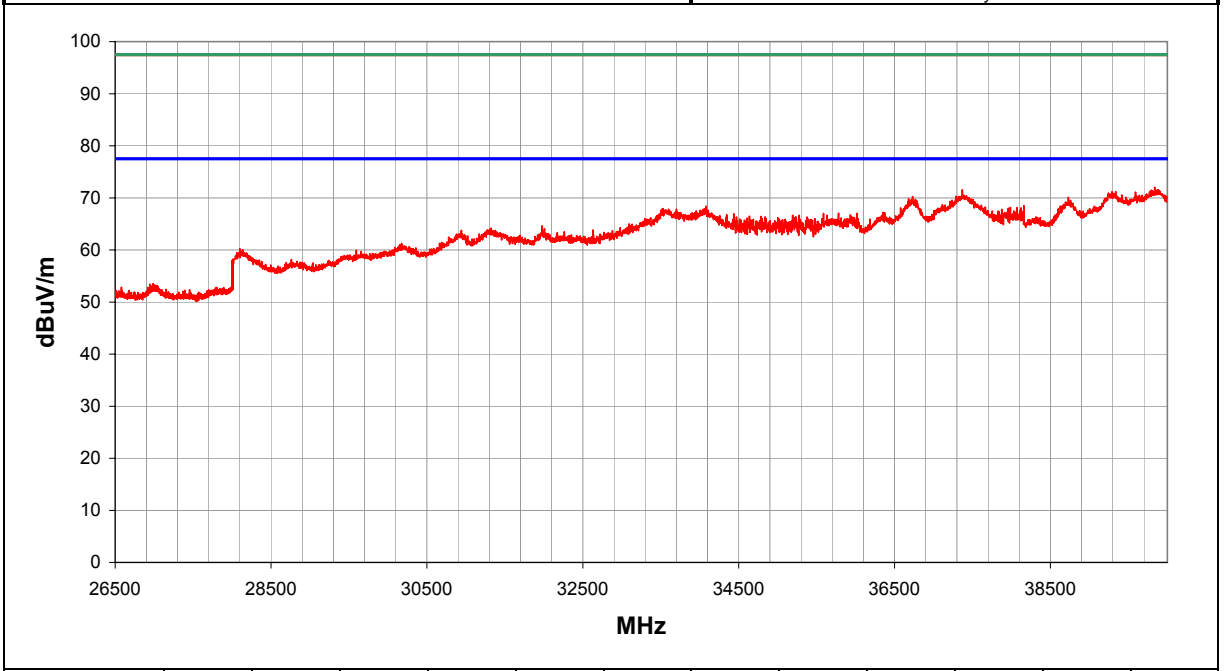
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>0.2</b>	<b>84</b>

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

**RADIATED EMISSIONS DATA SHEET**

REV  
df2.05  
07/31/2002

<b>EUT:</b> WN-5MP01		<b>Work Order:</b> INMC0024
<b>Serial Number:</b>		<b>Date:</b> 8/14/02
<b>Customer:</b> INTERMEC Corporation		<b>Temperature:</b> 72
<b>Attendees:</b> None		<b>Humidity:</b> 38%
<b>Cust. Ref. No.:</b>		<b>Barometric Pressure:</b> 30
<b>Tested by:</b> Rod Peloquin	<b>Power:</b> 120 V, 60 Hz	<b>Job Site:</b> EV01

<b>TEST SPECIFICATIONS</b>	
<b>Specification:</b> FCC 15.209	<b>Year:</b> Current 47CFR
<b>Method:</b> ANSI C63.4	<b>Year:</b> 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

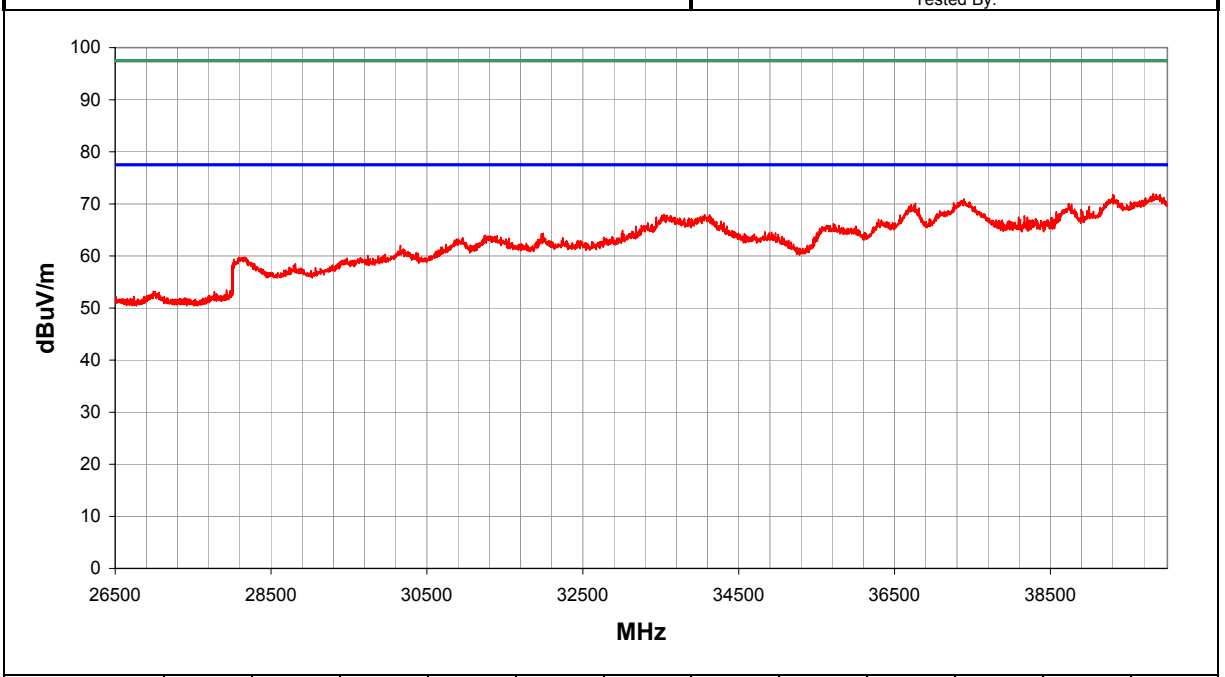
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d2.05  
07/31/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0024</b>
Serial Number:		Date: <b>8/14/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>
Attendees: <b>None</b>		Humidity: <b>38%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30</b>
Tested by: <b>Rod Peloquin</b>	Power: <b>120 V, 60 Hz</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

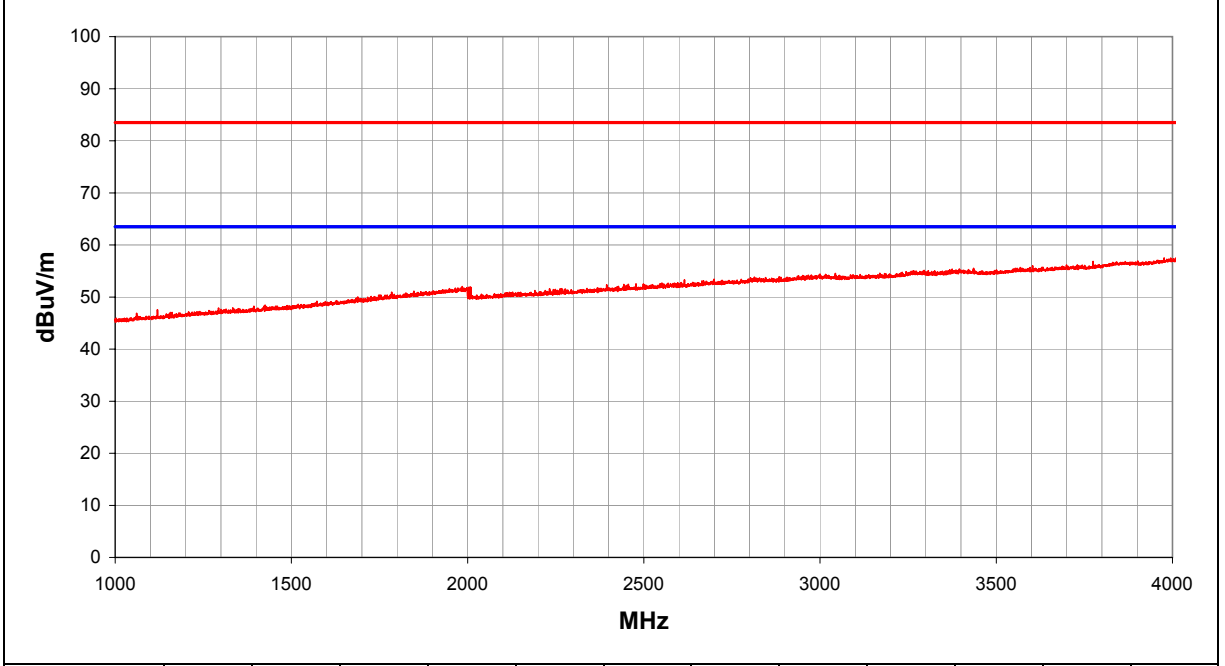
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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

**RADIATED EMISSIONS DATA SHEET**

NORTHWEST  
**EMC**

REV  
d2.05  
07/31/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0024</b>	
Serial Number:		Date: <b>8/14/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>	
Attendees: <b>None</b>		Humidity: <b>38%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30</b>	
Tested by: <b>Rod Peloquin</b>	Power: <b>120 V, 60 Hz</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

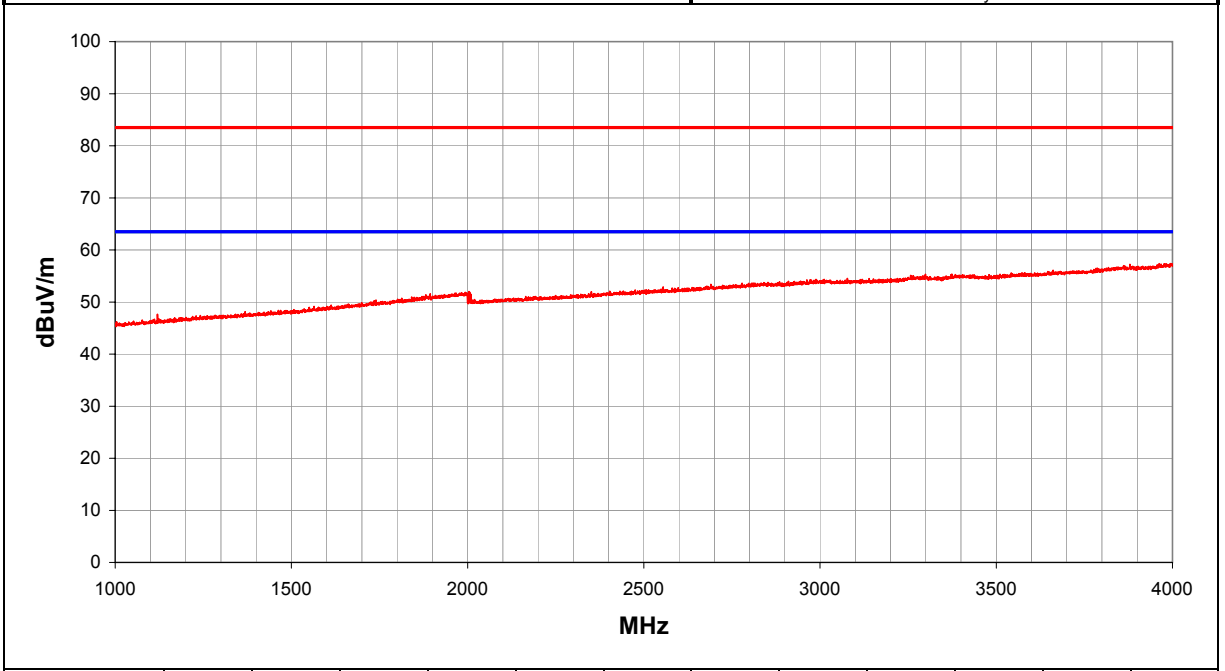
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	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)
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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
d2.05  
07/31/2002

EUT: <b>WN-5MP01</b>	Work Order: <b>INMC0024</b>
Serial Number:	Date: <b>8/14/02</b>
Customer: <b>INTERMEC Corporation</b>	Temperature: <b>72</b>
Attendees: <b>None</b>	Humidity: <b>38%</b>
Cust. Ref. No.:	Barometric Pressure: <b>30</b>
Tested by: <b>Rod Peloquin</b>	Power: <b>120 V, 60 Hz</b>
	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

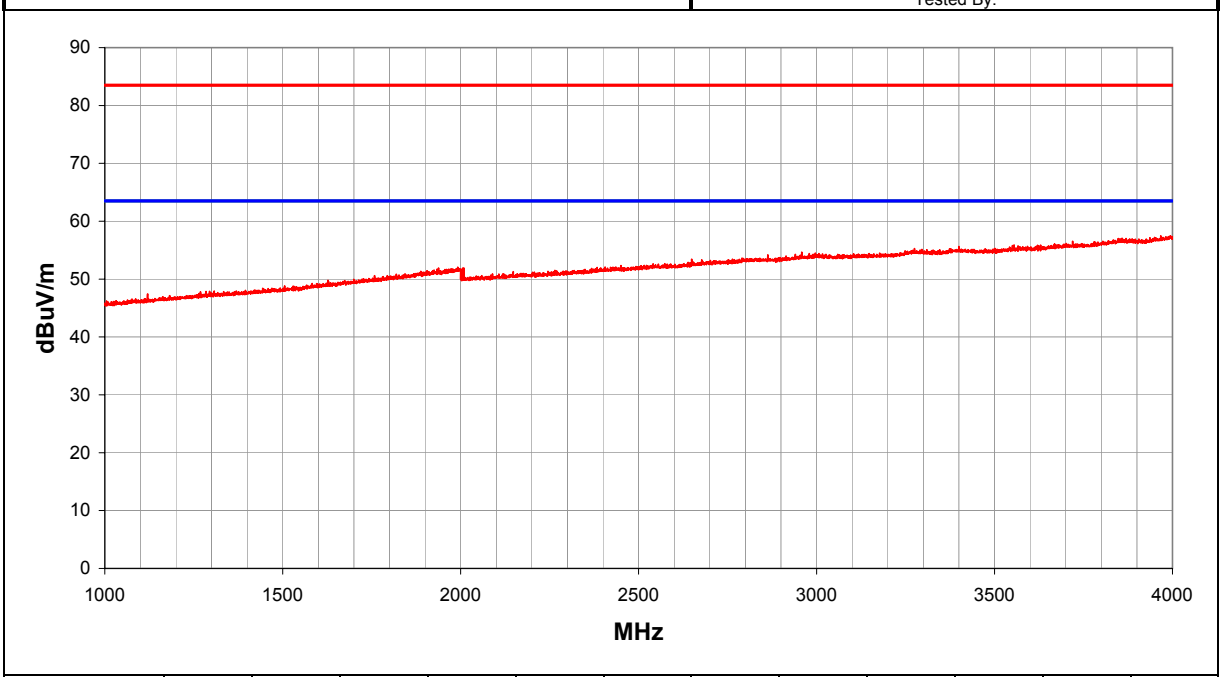
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	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)
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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d#2.05 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

<b>TEST SPECIFICATIONS</b>	
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

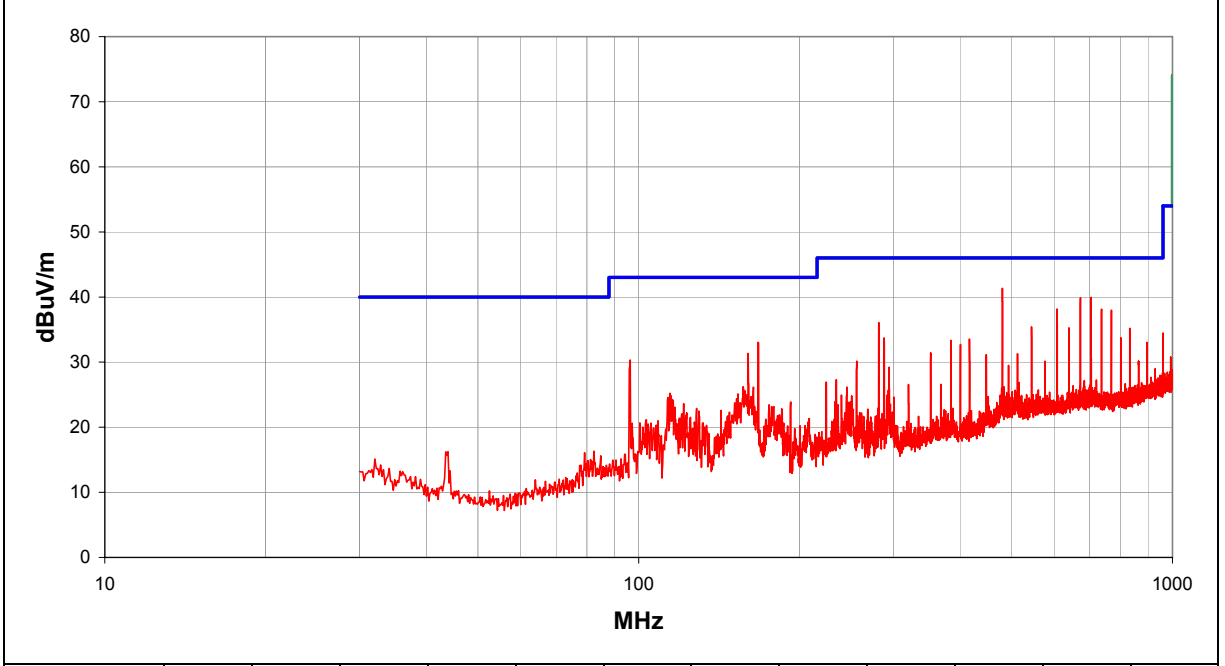
**EUT OPERATING MODES**  
 Transmitting radio b

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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)
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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
dfl.05  
07/31/2002

<b>EUT:</b> WN-5MP01		<b>Work Order:</b> INMC0024	
<b>Serial Number:</b>		<b>Date:</b> 8/14/02	
<b>Customer:</b> INTERMEC Corporation		<b>Temperature:</b> 72	
<b>Attendees:</b> None		<b>Humidity:</b> 38%	
<b>Cust. Ref. No.:</b>		<b>Barometric Pressure:</b> 30	
<b>Tested by:</b> Rod Peloquin		<b>Power:</b> 120 V, 60 Hz	
		<b>Job Site:</b> EV01	

<b>TEST SPECIFICATIONS</b>	
<b>Specification:</b> FCC Part 15.209(a)	<b>Year:</b> 2000
<b>Method:</b> ANSI C63.4	<b>Year:</b> 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

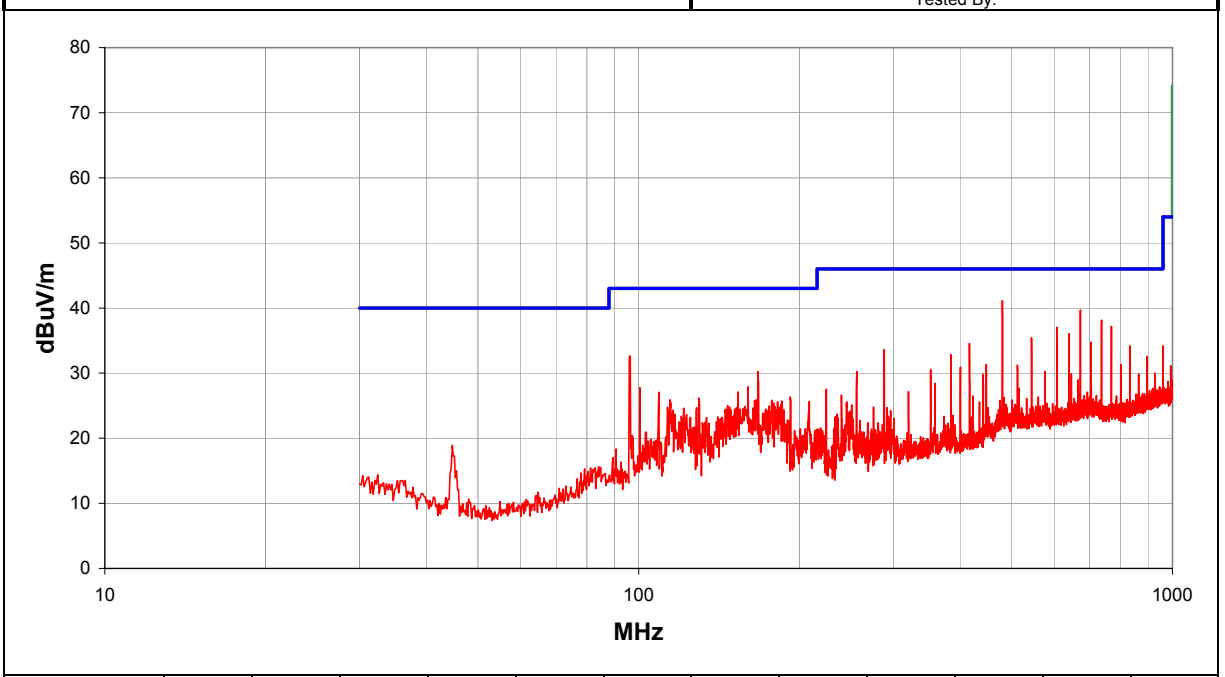
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
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)
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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d#2.05 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

<b>TEST SPECIFICATIONS</b>	
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

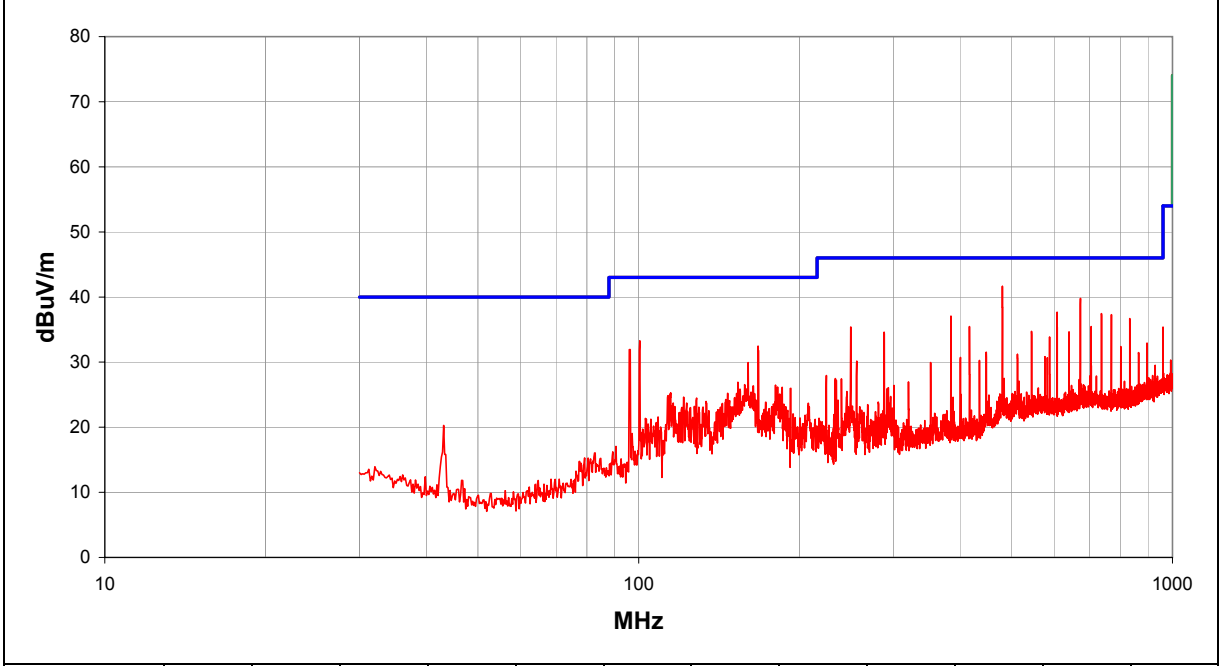
**EUT OPERATING MODES**  
 Transmitting radio b

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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



**EMC RADIATED EMISSIONS DATA SHEET**

REV  
d#2.06  
08/16/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0024</b>	
Serial Number:		Date: <b>8/21/02 14:17</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>	
Attendees: <b>None</b>		Humidity: <b>38%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30</b>	
Tested by: <b>Rod Peloquin</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

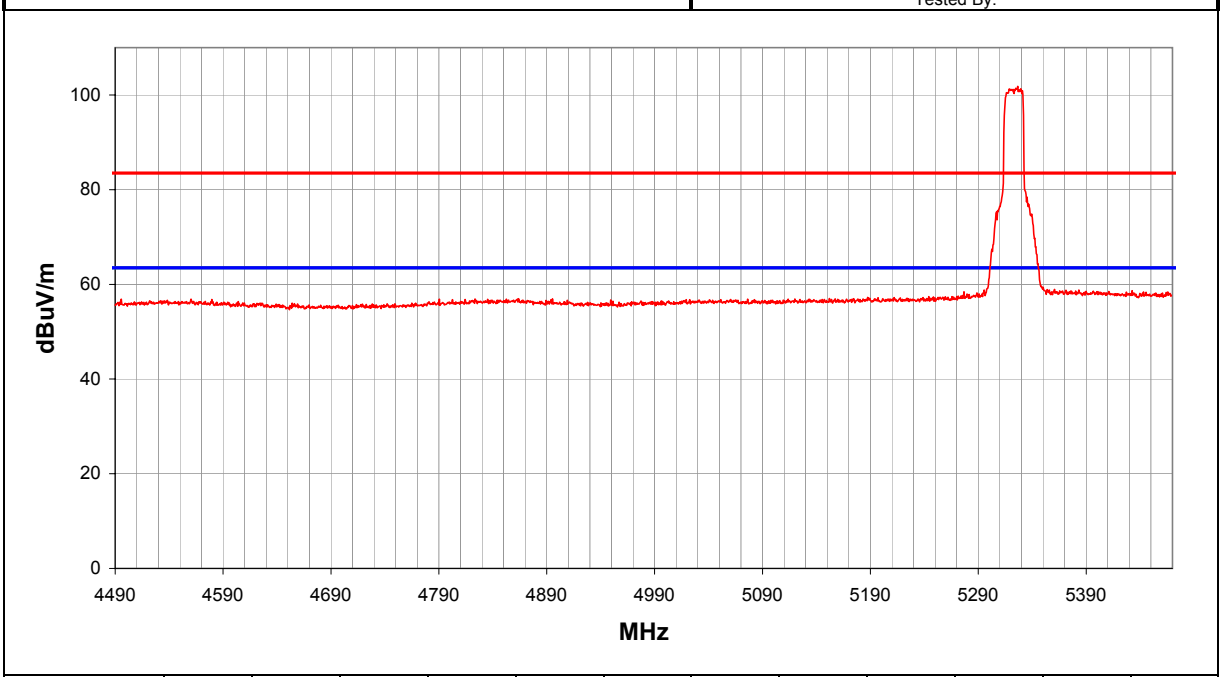
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	1	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)
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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
d#2.06  
08/16/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0024</b>	
Serial Number:		Date: <b>8/21/02 14:24</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>	
Attendees: <b>None</b>		Humidity: <b>38%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30</b>	
Tested by: <b>Rod Peloquin</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

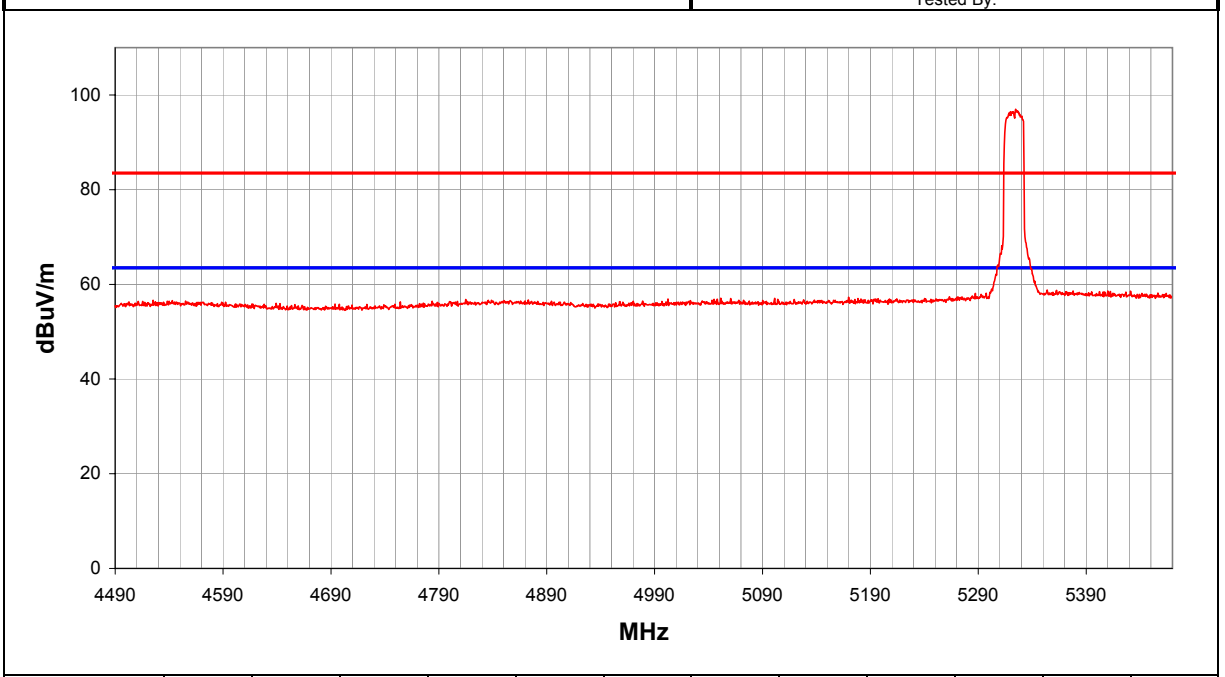
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d#2.06 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

<b>TEST SPECIFICATIONS</b>	
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

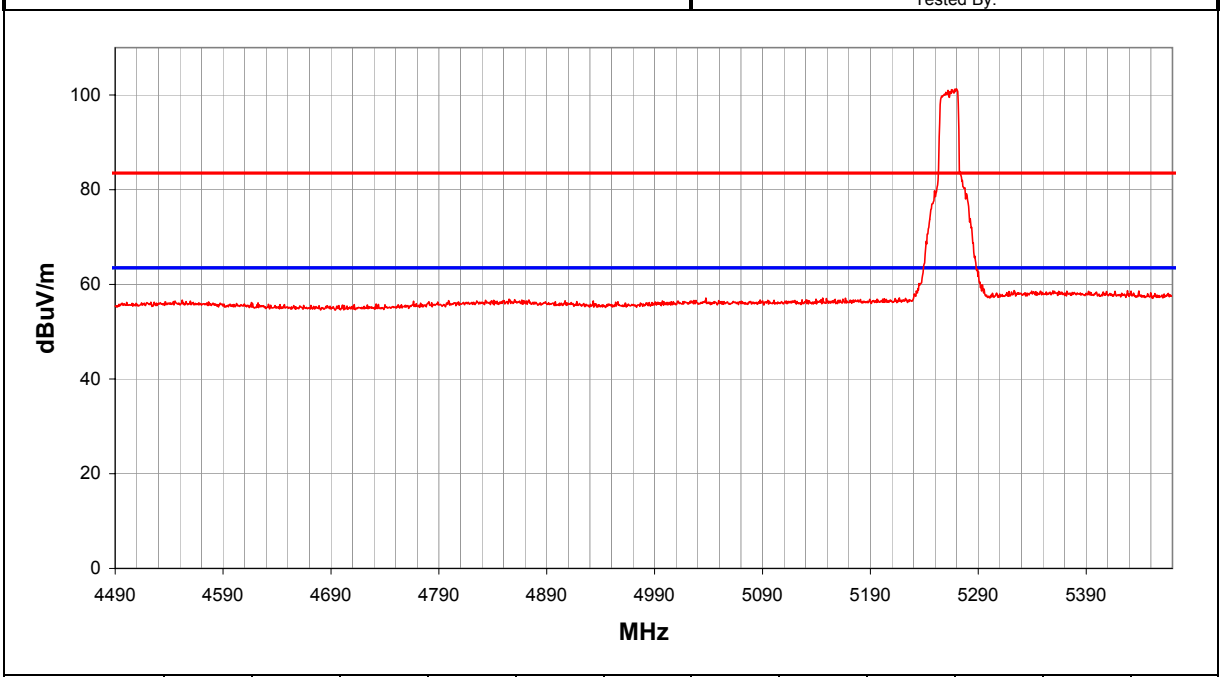
**EUT OPERATING MODES**  
 Transmitting radio b

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	94

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)
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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
d2.06  
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

<b>TEST SPECIFICATIONS</b>	
Specification:	FCC 15.209
Method:	ANSI C63.4
Year:	Current 47CFR
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

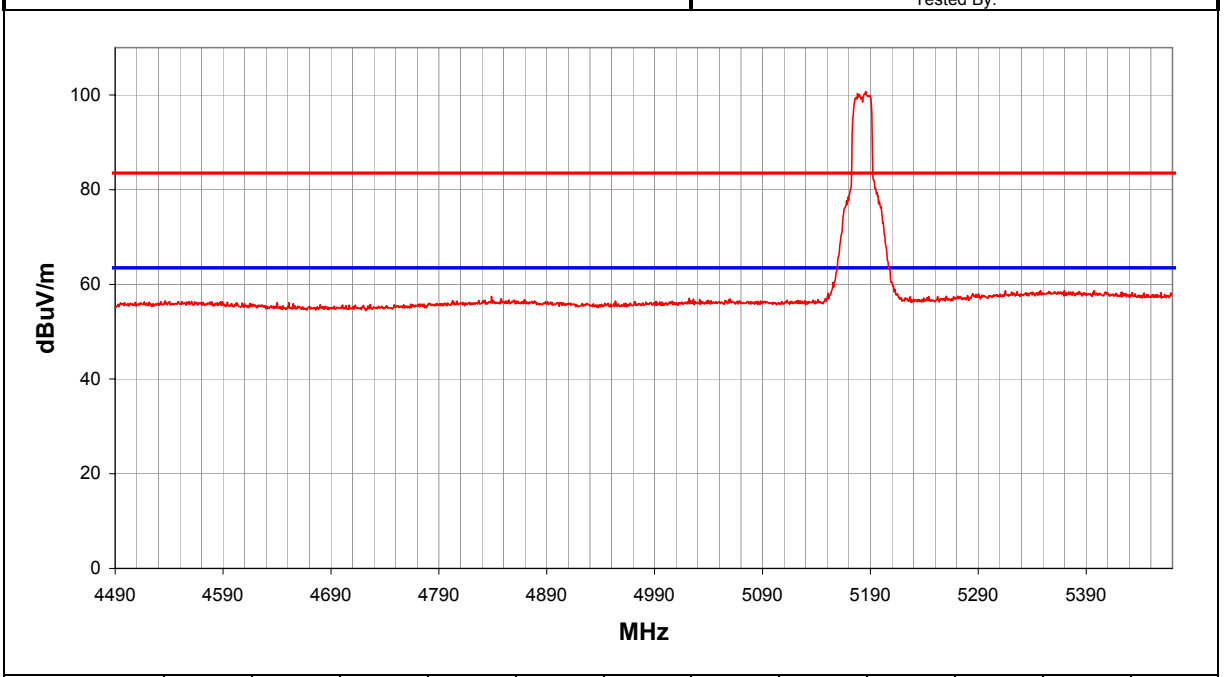
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d3.01 09/20/2002

EUT: <b>WN-5MP01</b>	Work Order: <b>INMC0045</b>
Serial Number:	Date: <b>10/05/02</b>
Customer: <b>INTERMEC Corporation</b>	Temperature: <b>70</b>
Attendees: <b>None</b>	Humidity: <b>45%</b>
Cust. Ref. No.:	Barometric Pressure <b>30.19</b>
Tested by: <b>Rod Peloquin</b>	Power: <b>DC from E-net</b>
	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209(a)</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

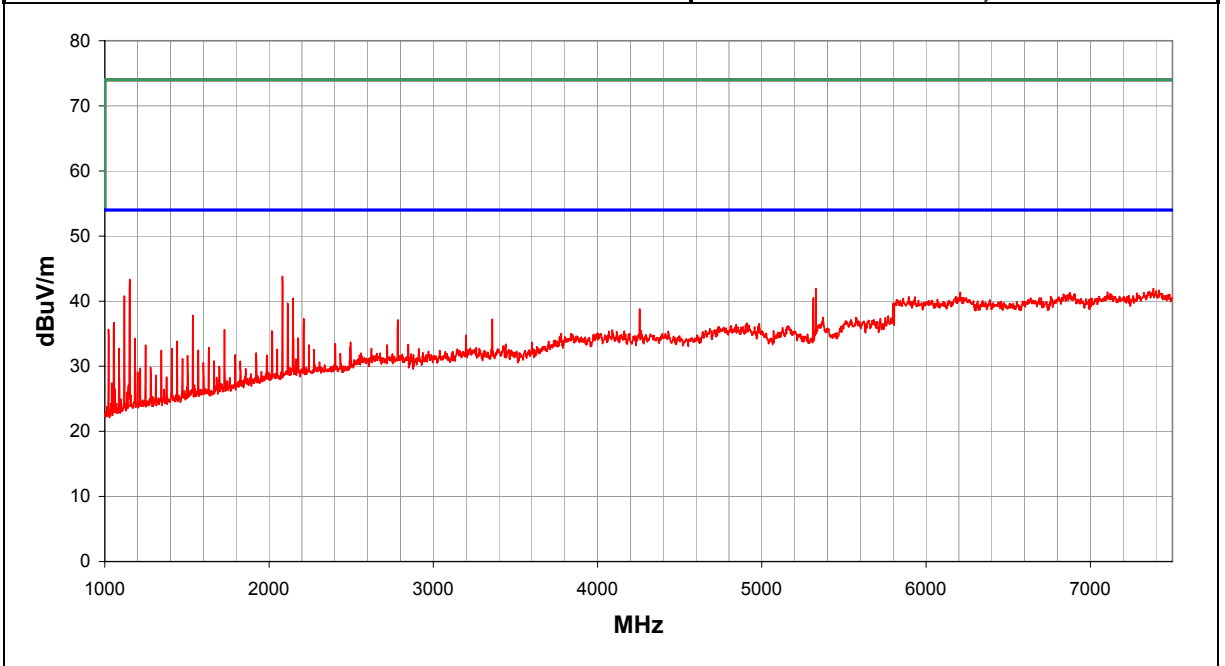
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

<b>EUT:</b> WN-5MP01	<b>Work Order:</b> INMC0045
<b>Serial Number:</b>	<b>Date:</b> 10/05/02
<b>Customer:</b> INTERMEC Corporation	<b>Temperature:</b> 70
<b>Attendees:</b> None	<b>Humidity:</b> 45%
<b>Cust. Ref. No.:</b>	<b>Barometric Pressure:</b> 30.19
<b>Tested by:</b> Rod Peloquin	<b>Power:</b> DC from E-net
	<b>Job Site:</b> EV01

<b>TEST SPECIFICATIONS</b>	
<b>Specification:</b> FCC Part 15.209(a)	<b>Year:</b> 2000
<b>Method:</b> ANSI C63.4	<b>Year:</b> 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

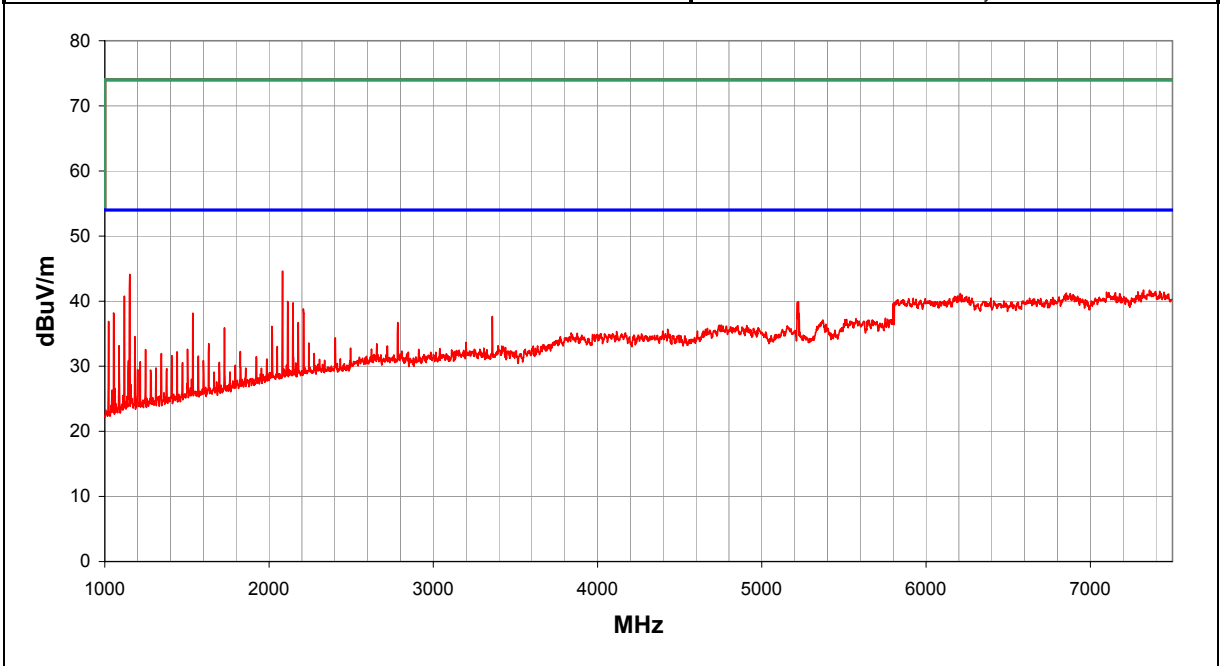
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
<b>Evaluation</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/05/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>70</b>
Attendees: <b>None</b>		Humidity: <b>45%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.19</b>
Tested by: <b>Rod Peloquin</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209(a)</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

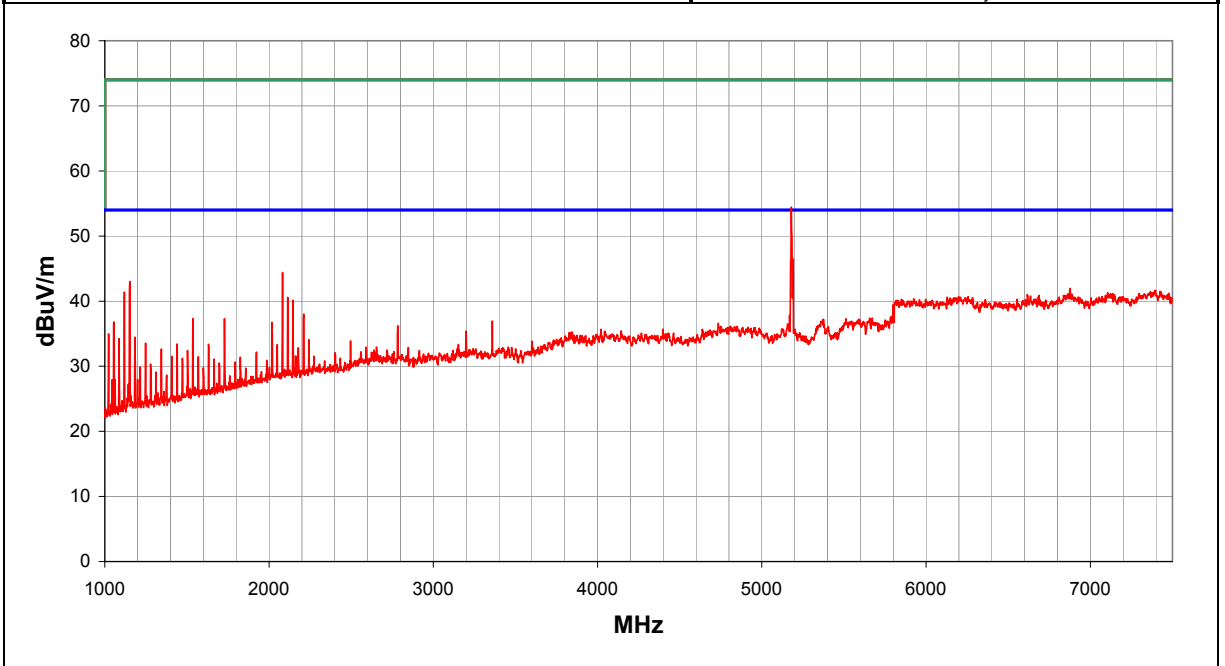
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>9</b>

**Other**

Tested By: \_\_\_\_\_



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector <small>(blank equal peaks [PK] from scan)</small>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/05/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>70</b>
Attendees: <b>None</b>		Humidity: <b>45%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.19</b>
Tested by: <b>Rod Peloquin</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209(a)</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

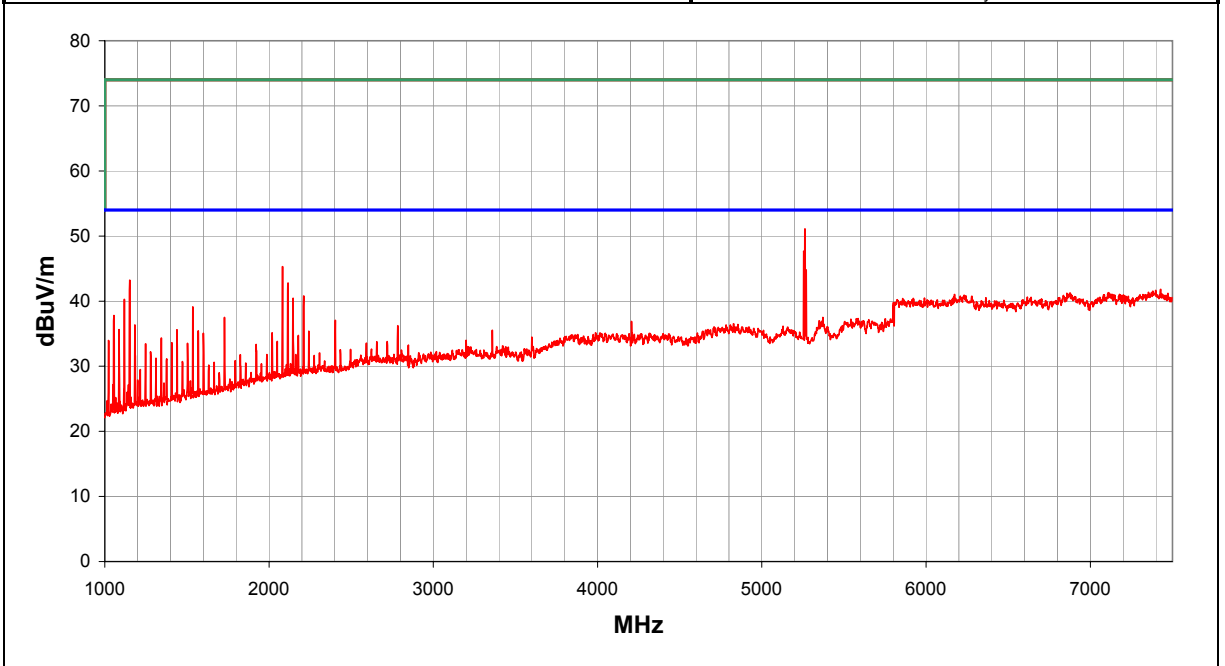
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>10</b>

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	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d3.01 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

<b>TEST SPECIFICATIONS</b>	
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

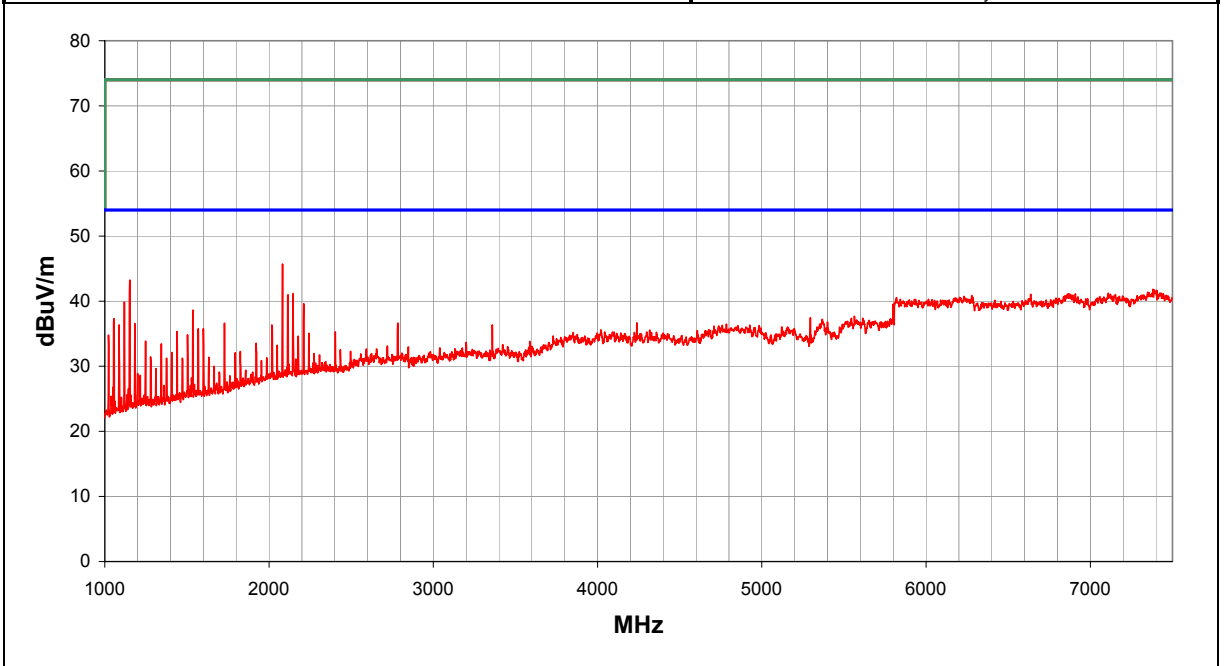
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/05/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>70</b>	
Attendees: <b>None</b>		Humidity: <b>45%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.19</b>	
Tested by: <b>Rod Peloquin</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>	

TEST SPECIFICATIONS	
Specification: <b>FCC Part 15.209(a)</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

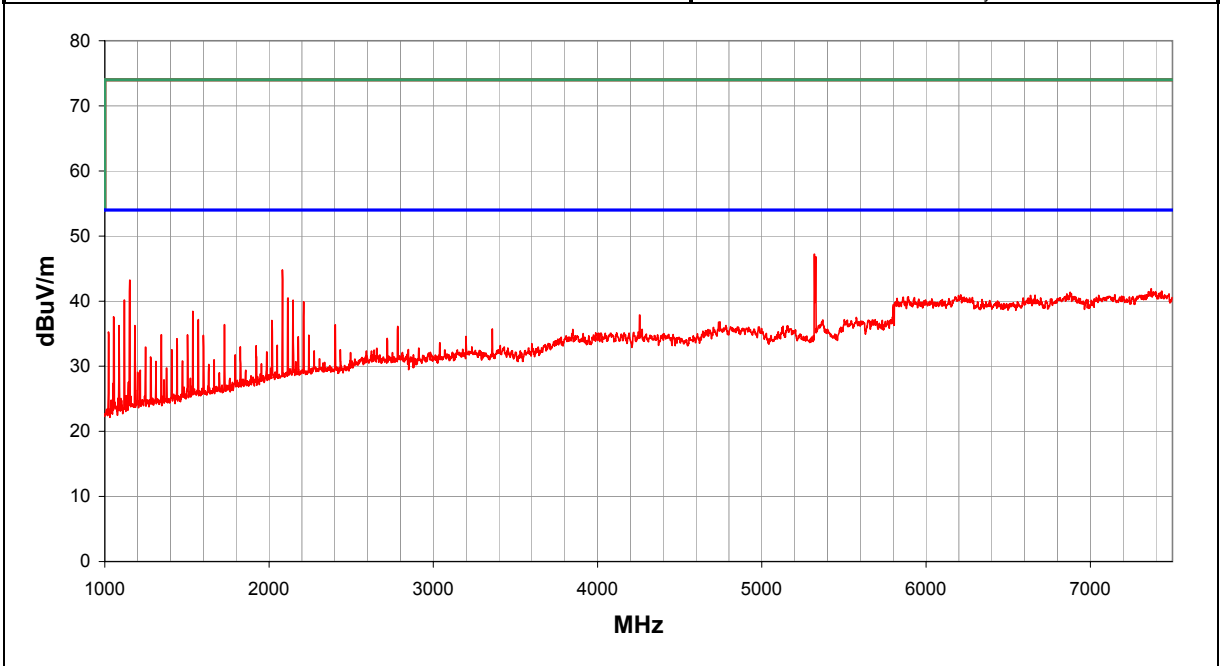
**DEVIATIONS FROM TEST STANDARD**

No deviations.

RESULTS	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>12</b>

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

**RADIATED EMISSIONS DATA SHEET**

NORTHWEST  
**EMC**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/05/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>70</b>	
Attendees: <b>None</b>		Humidity: <b>45%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.19</b>	
Tested by: <b>Rod Peloquin</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>	

TEST SPECIFICATIONS	
Specification: <b>FCC Part 15.209(a)</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

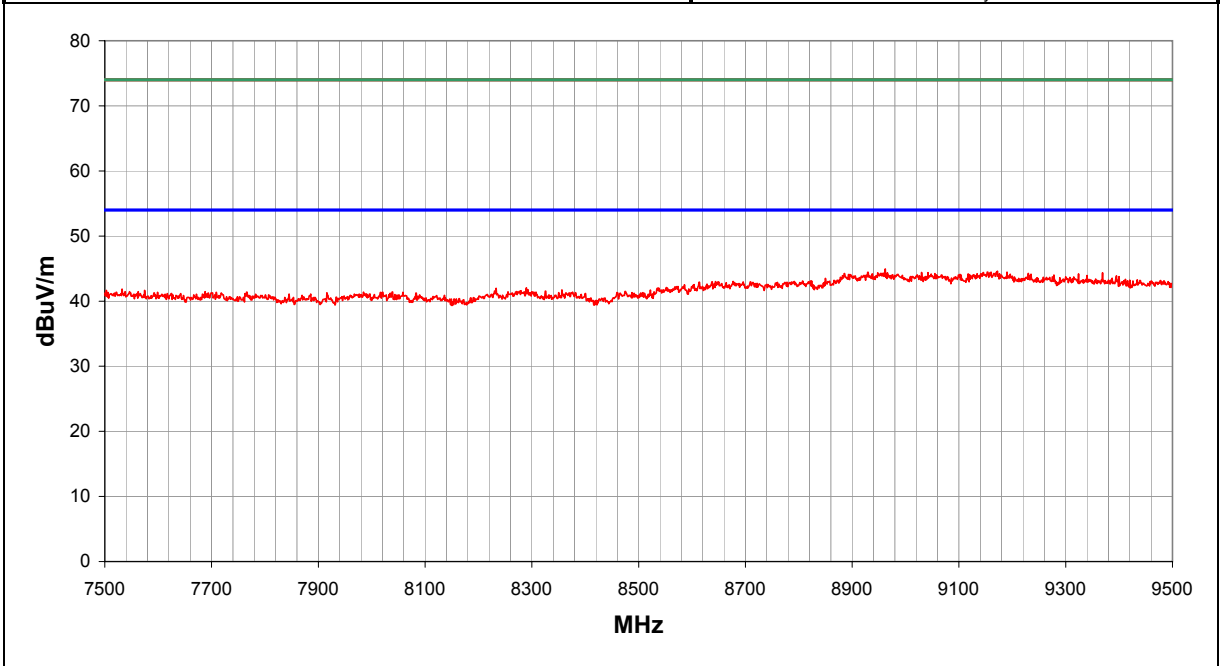
**DEVIATIONS FROM TEST STANDARD**

No deviations.

RESULTS	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>13</b>

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

**RADIATED EMISSIONS DATA SHEET**

NORTHWEST  
**EMC**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/05/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>70</b>	
Attendees: <b>None</b>		Humidity: <b>45%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.19</b>	
Tested by: <b>Rod Peloquin</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>	

TEST SPECIFICATIONS	
Specification: <b>FCC Part 15.209(a)</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

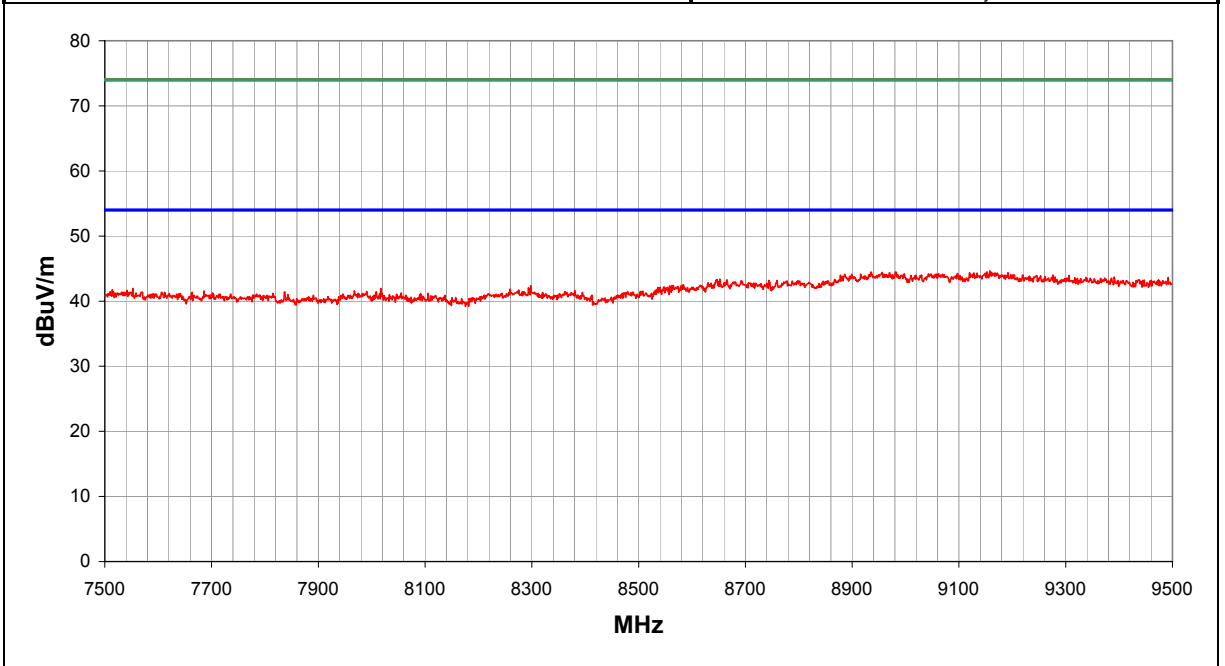
**DEVIATIONS FROM TEST STANDARD**

No deviations.

RESULTS	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>14</b>

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

**RADIATED EMISSIONS DATA SHEET**

NORTHWEST  
**EMC**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/05/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>70</b>	
Attendees: <b>None</b>		Humidity: <b>45%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.19</b>	
Tested by: <b>Rod Peloquin</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>	

TEST SPECIFICATIONS	
Specification: <b>FCC Part 15.209(a)</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

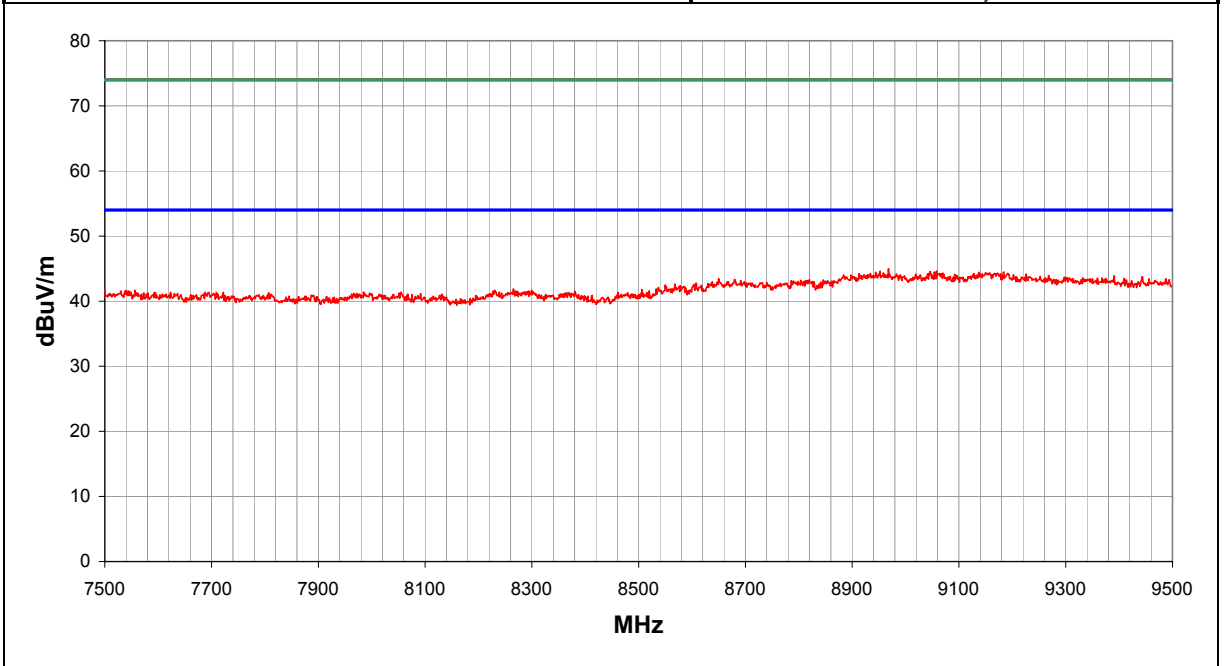
**DEVIATIONS FROM TEST STANDARD**

No deviations.

RESULTS	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>15</b>

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

**RADIATED EMISSIONS DATA SHEET**

NORTHWEST  
**EMC**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/05/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>70</b>
Attendees: <b>None</b>		Humidity: <b>45%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.19</b>
Tested by: <b>Rod Peloquin</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

TEST SPECIFICATIONS	
Specification: <b>FCC Part 15.209(a)</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

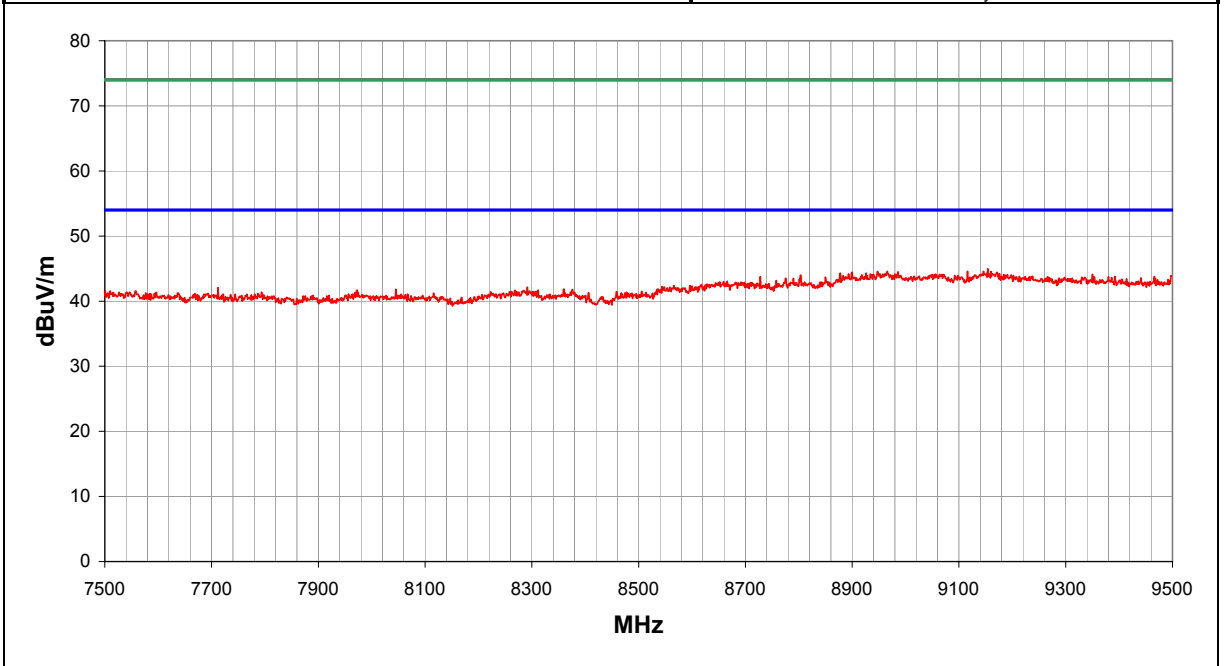
**DEVIATIONS FROM TEST STANDARD**

No deviations.

RESULTS	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>16</b>

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

**RADIATED EMISSIONS DATA SHEET**

NORTHWEST  
**EMC**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/05/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>70</b>	
Attendees: <b>None</b>		Humidity: <b>45%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.19</b>	
Tested by: <b>Rod Peloquin</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>	

TEST SPECIFICATIONS	
Specification: <b>FCC Part 15.209(a)</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

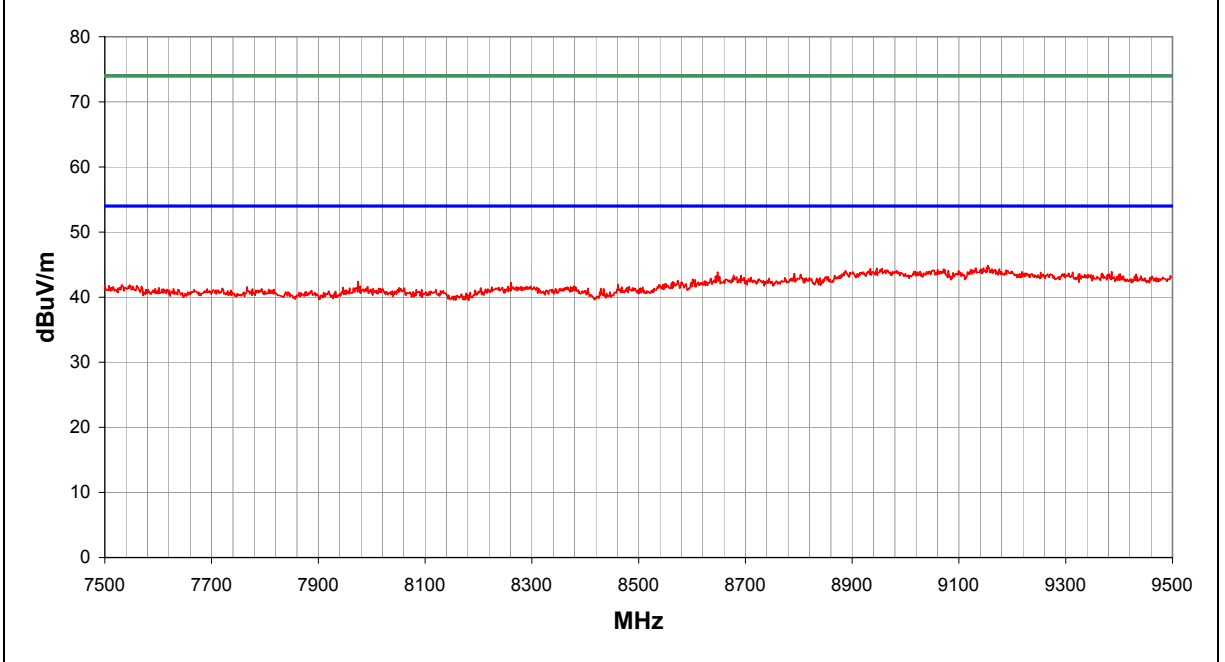
**DEVIATIONS FROM TEST STANDARD**

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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df3.01 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

<b>TEST SPECIFICATIONS</b>	
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

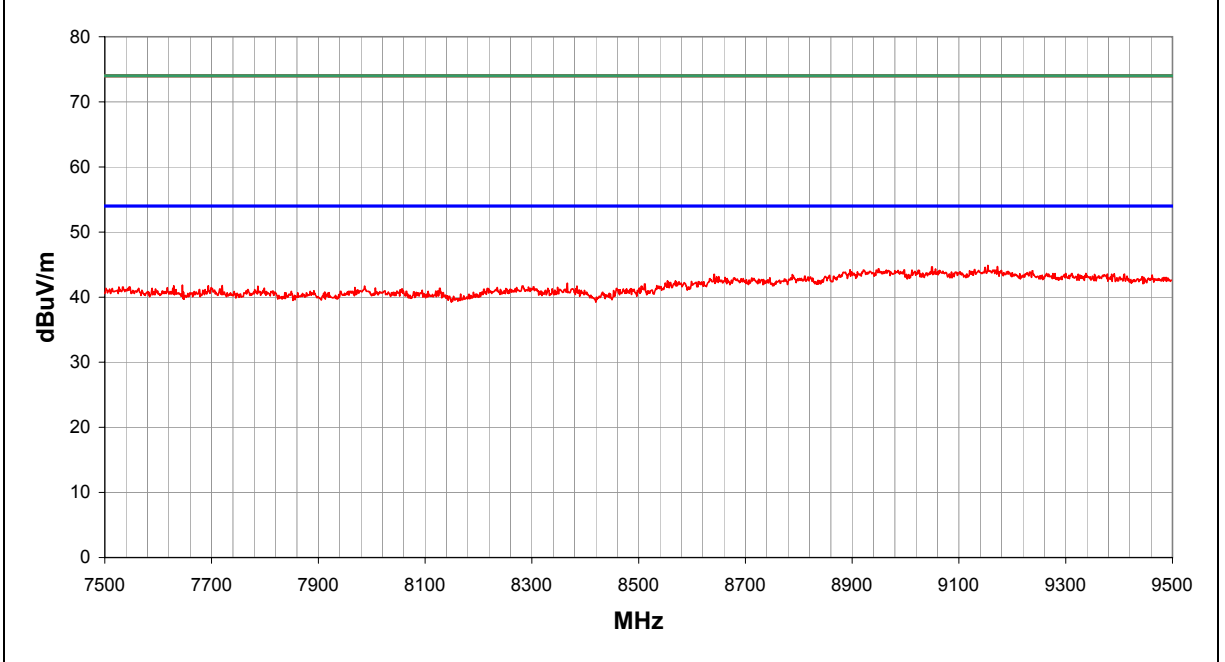
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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



**EMC RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/06/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>	
Attendees: <b>None</b>		Humidity: <b>46%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>	
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

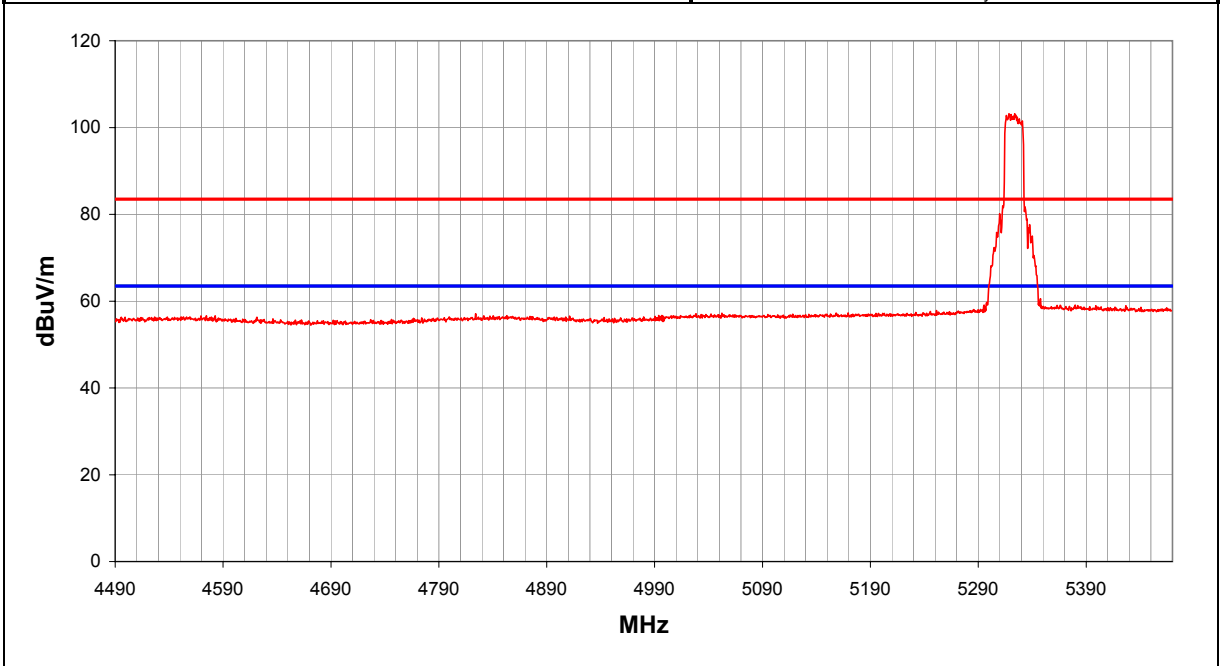
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	<b>1</b>	<b>19</b>

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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/06/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>	
Attendees: <b>None</b>		Humidity: <b>46%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>	
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

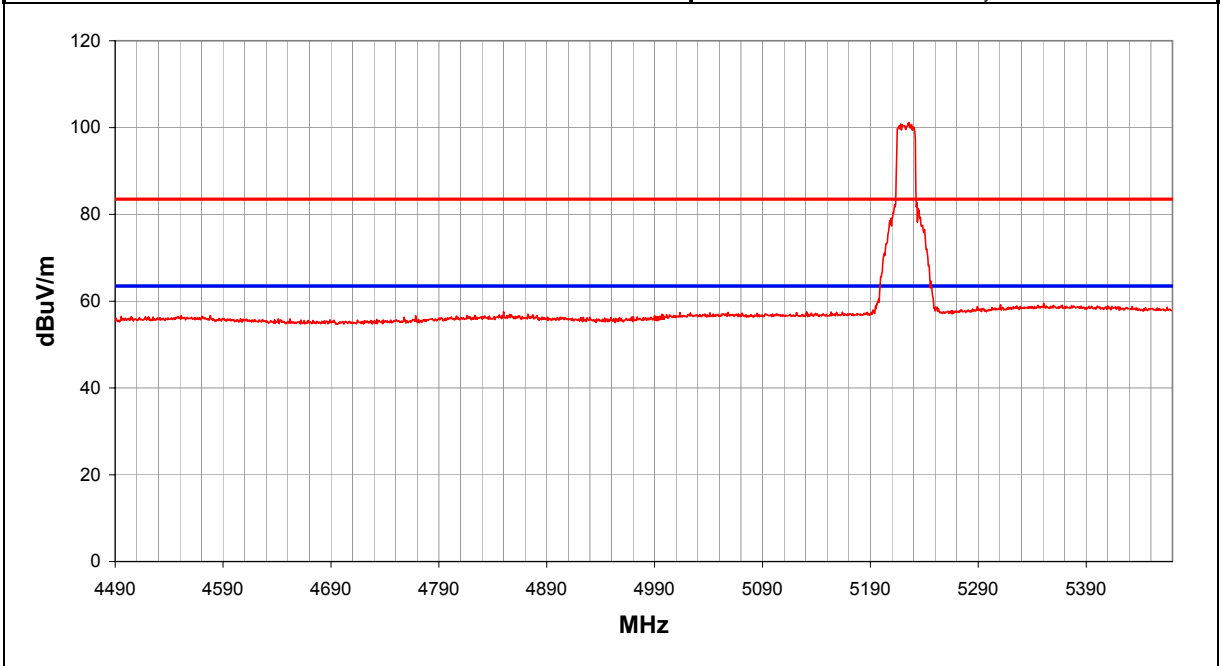
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	<b>1</b>	<b>20</b>

**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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

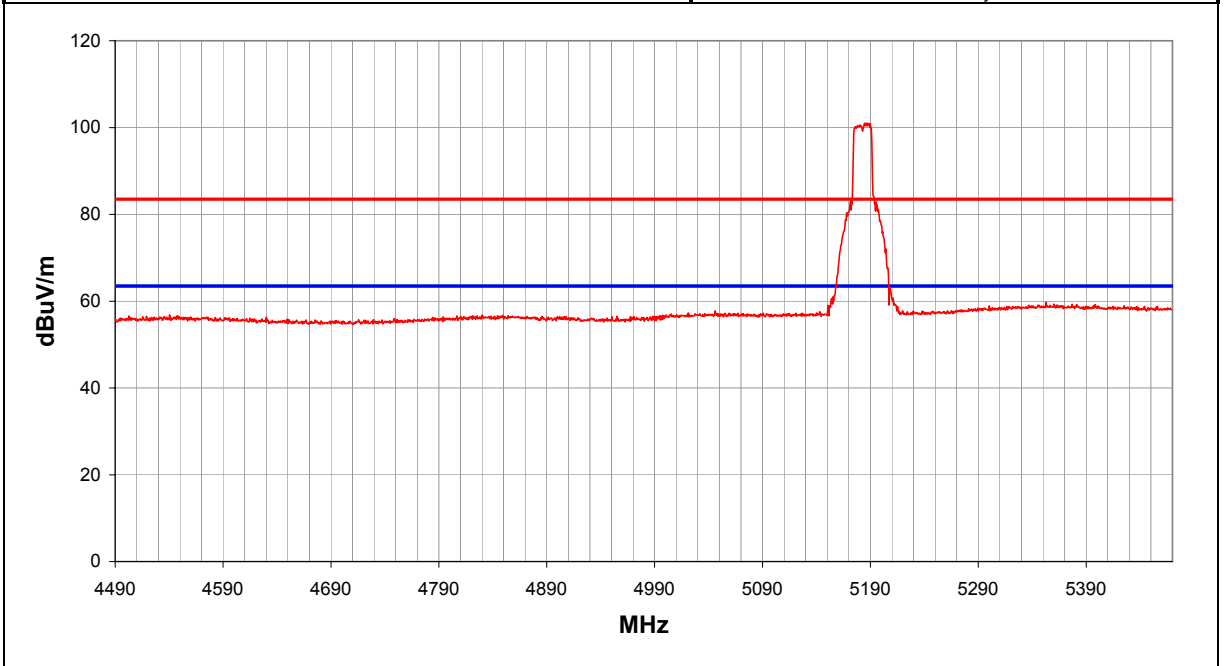
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df3.01 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

<b>TEST SPECIFICATIONS</b>	
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

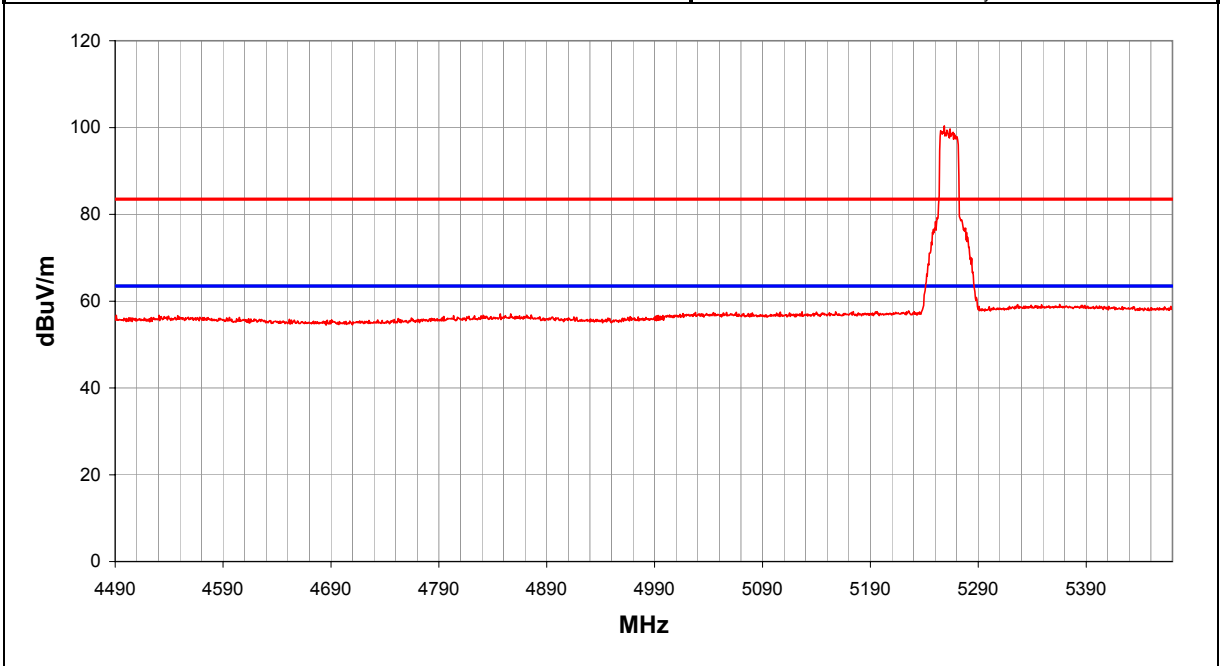
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

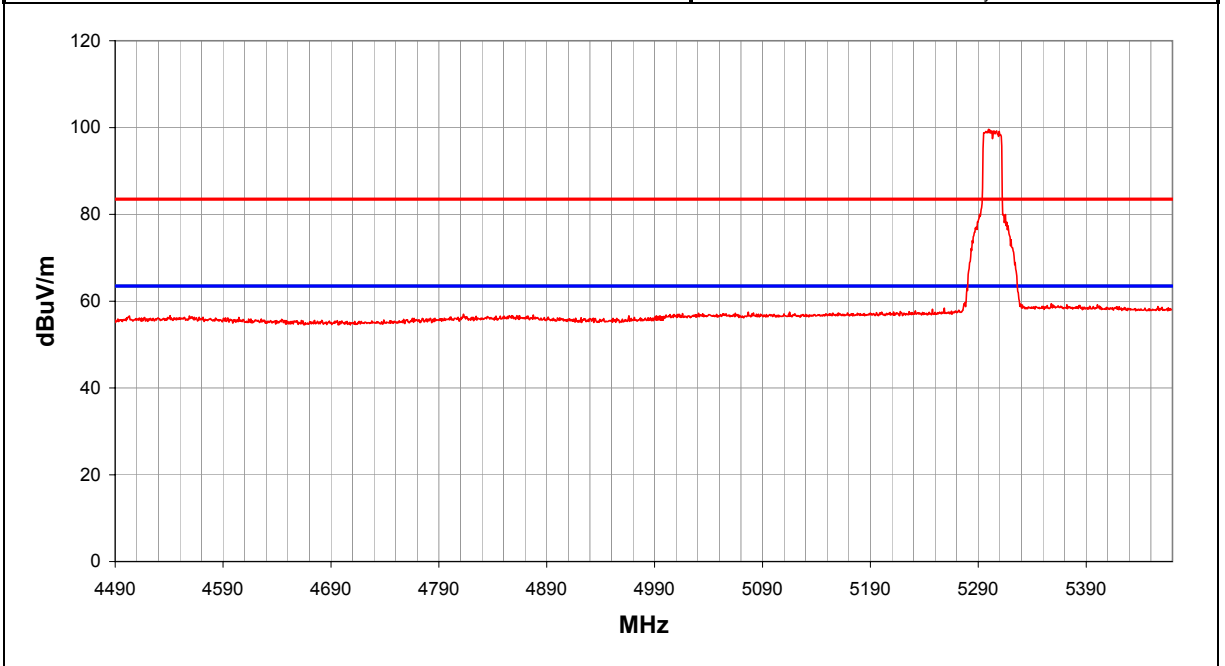
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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

**RADIATED EMISSIONS DATA SHEET**

REV  
df3.01  
09/20/2002

<b>EUT:</b> WN-5MP01	<b>Work Order:</b> INMC0045
<b>Serial Number:</b>	<b>Date:</b> 10/06/02
<b>Customer:</b> INTERMEC Corporation	<b>Temperature:</b> 68
<b>Attendees:</b> None	<b>Humidity:</b> 46%
<b>Cust. Ref. No.:</b>	<b>Barometric Pressure:</b> 30.41
<b>Tested by:</b> Greg Kiemel	<b>Power:</b> DC from E-net
	<b>Job Site:</b> EV01

<b>TEST SPECIFICATIONS</b>	
<b>Specification:</b> FCC 15.209	<b>Year:</b> Current 47CFR
<b>Method:</b> ANSI C63.4	<b>Year:</b> 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

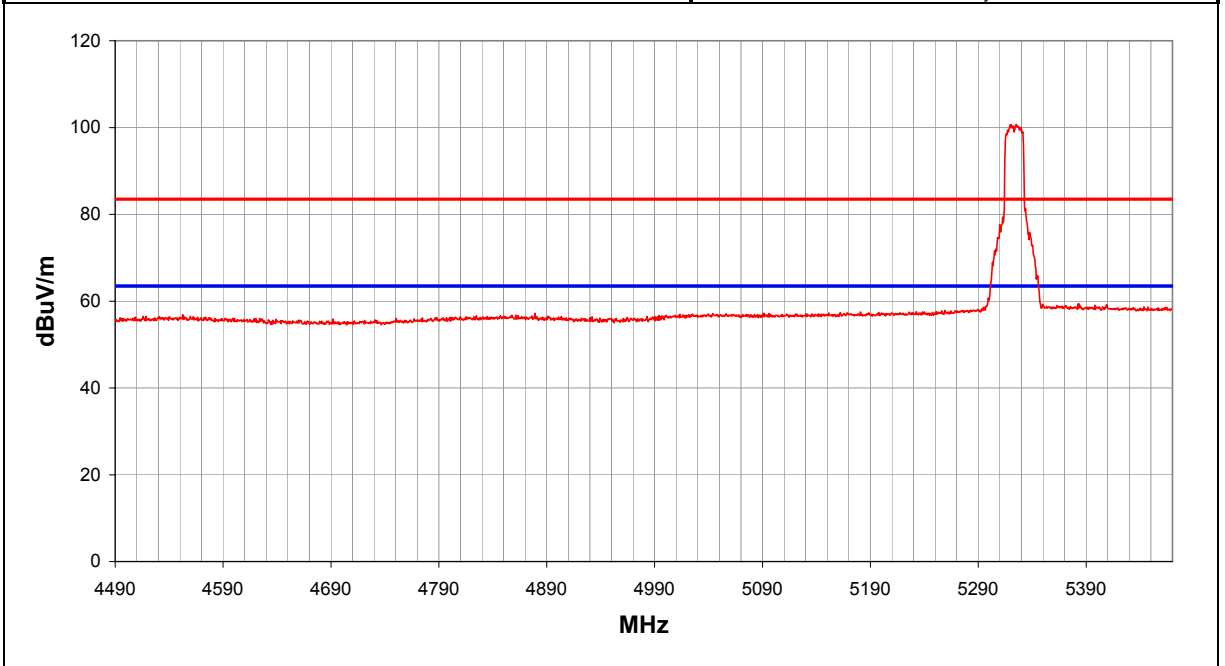
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
<b>Evaluation</b>	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

**RADIATED EMISSIONS DATA SHEET**

REV  
df3.01  
09/20/2002

<b>EUT:</b> WN-5MP01		<b>Work Order:</b> INMC0045
<b>Serial Number:</b>		<b>Date:</b> 10/06/02
<b>Customer:</b> INTERMEC Corporation		<b>Temperature:</b> 68
<b>Attendees:</b> None		<b>Humidity:</b> 46%
<b>Cust. Ref. No.:</b>		<b>Barometric Pressure:</b> 30.41
<b>Tested by:</b> Greg Kiemel	<b>Power:</b> DC from E-net	<b>Job Site:</b> EV01

<b>TEST SPECIFICATIONS</b>	
<b>Specification:</b> FCC 15.209	<b>Year:</b> Current 47CFR
<b>Method:</b> ANSI C63.4	<b>Year:</b> 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

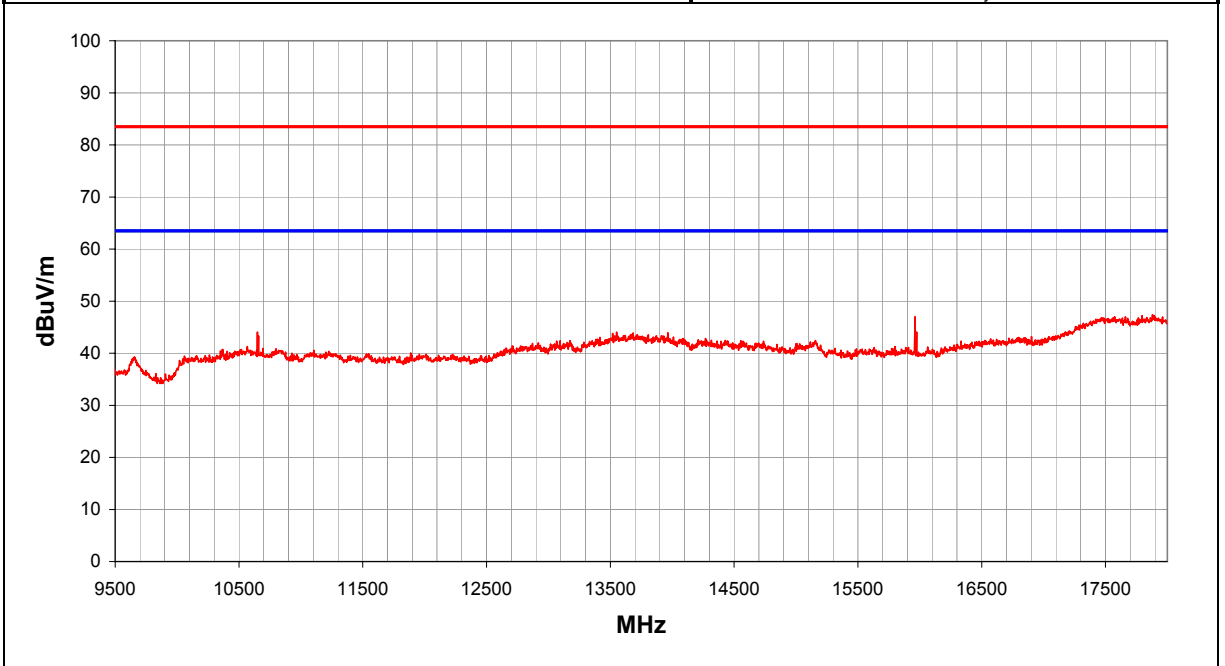
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
<b>Evaluation</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df3.01 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

<b>TEST SPECIFICATIONS</b>	
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

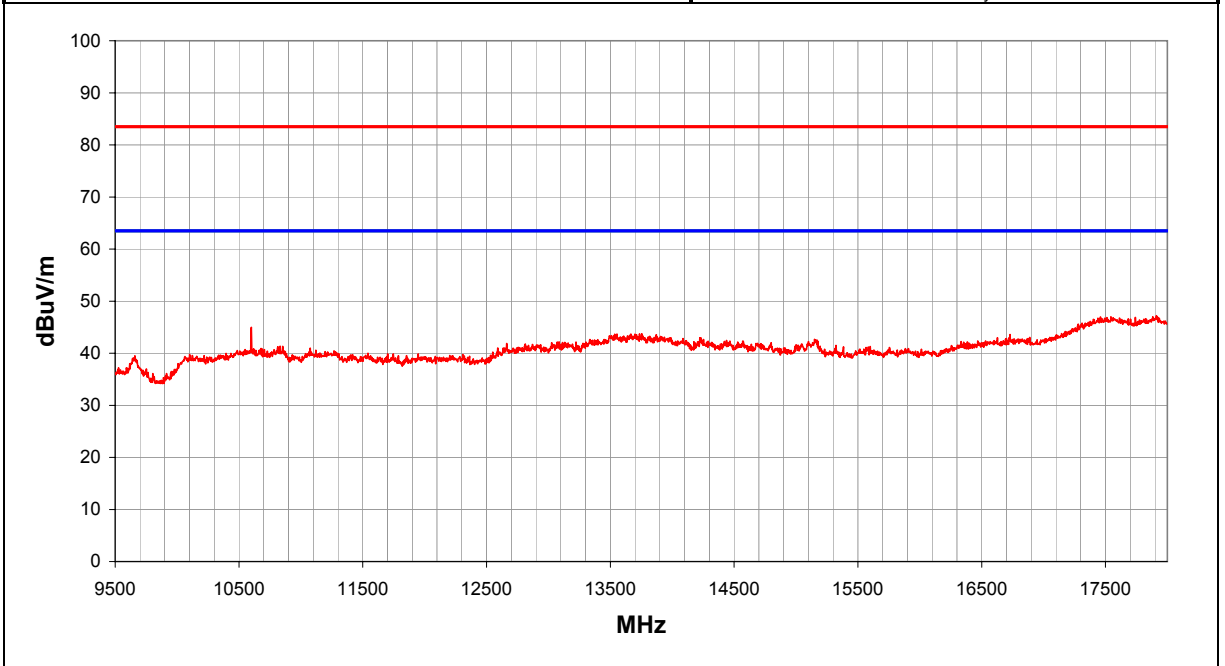
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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



**EMC RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

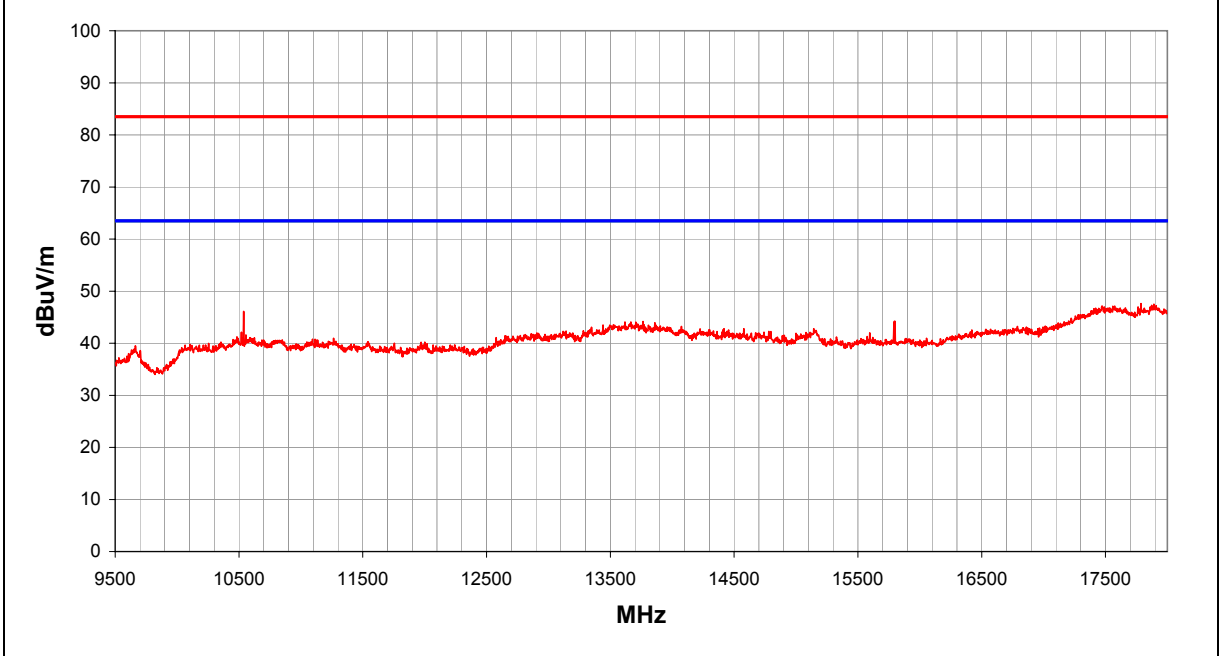
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

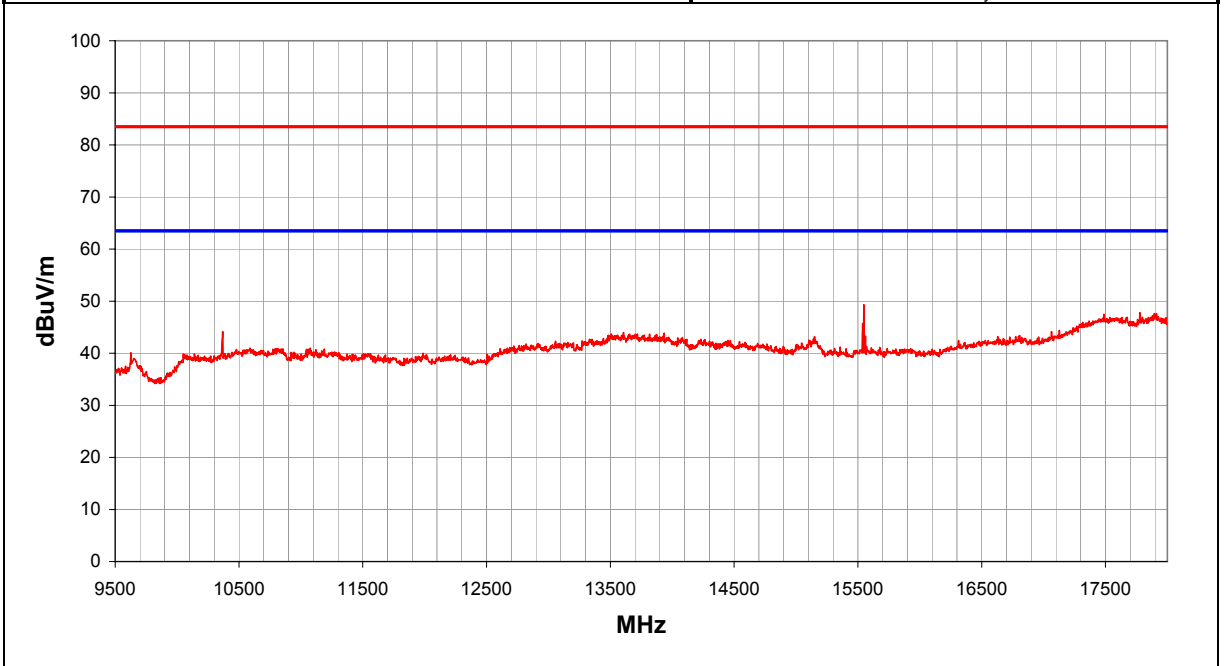
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d#3.01 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

<b>TEST SPECIFICATIONS</b>	
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

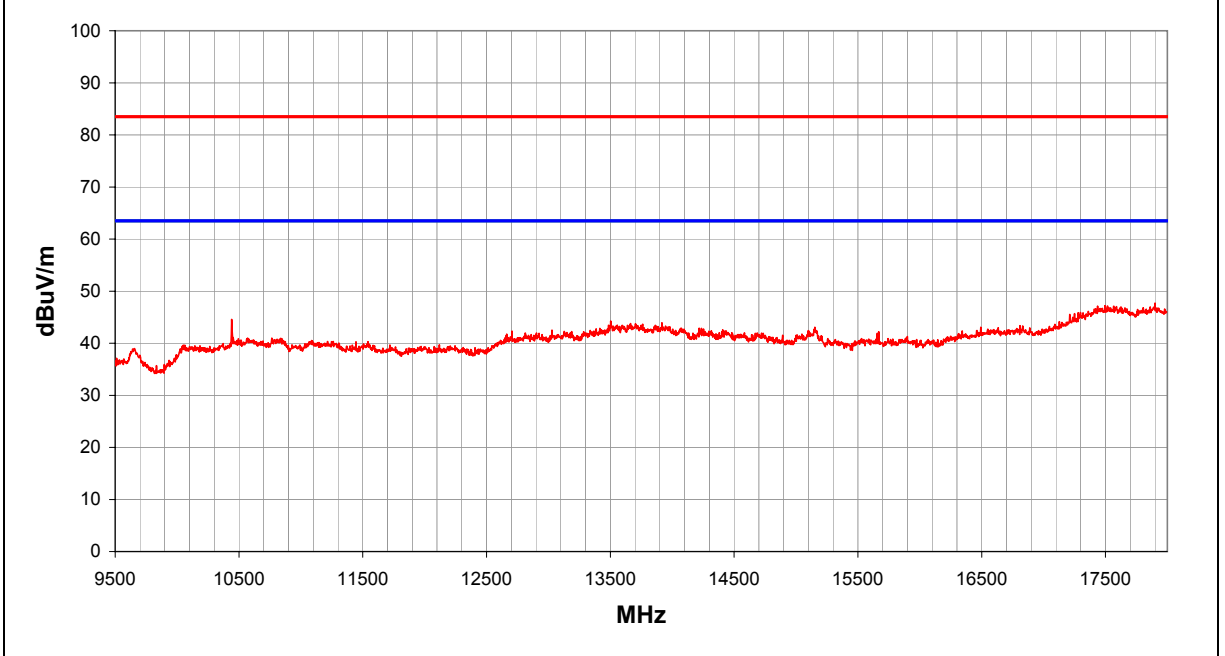
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df3.01 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

<b>TEST SPECIFICATIONS</b>	
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

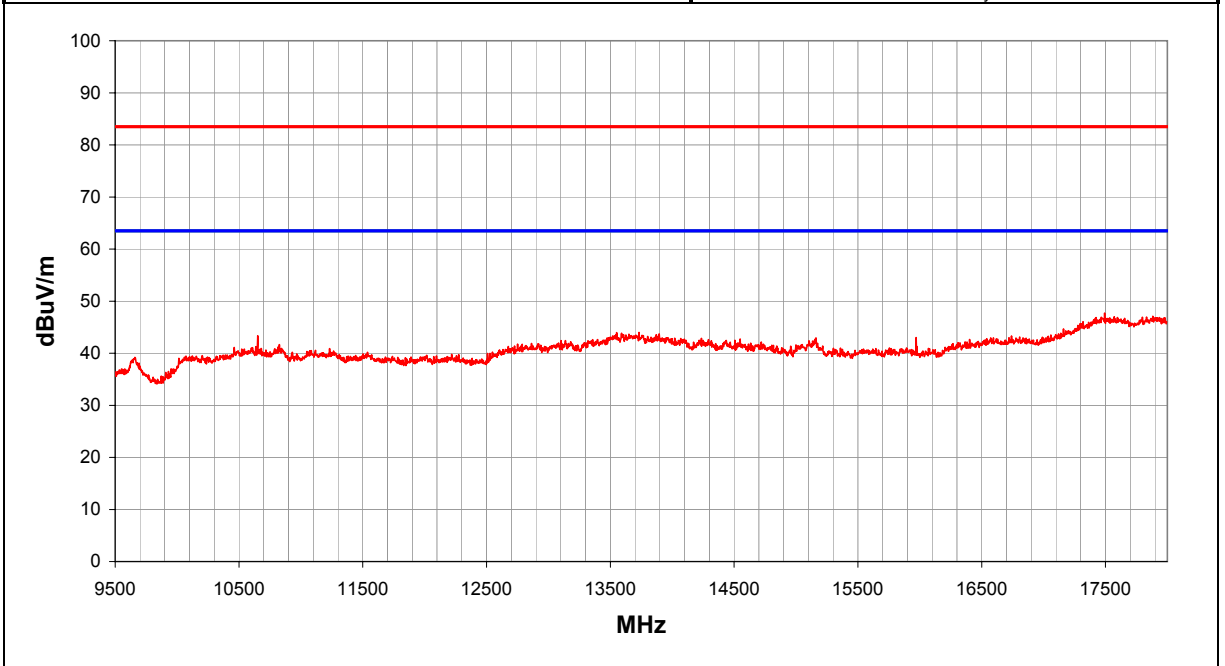
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df3.01 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

<b>TEST SPECIFICATIONS</b>	
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

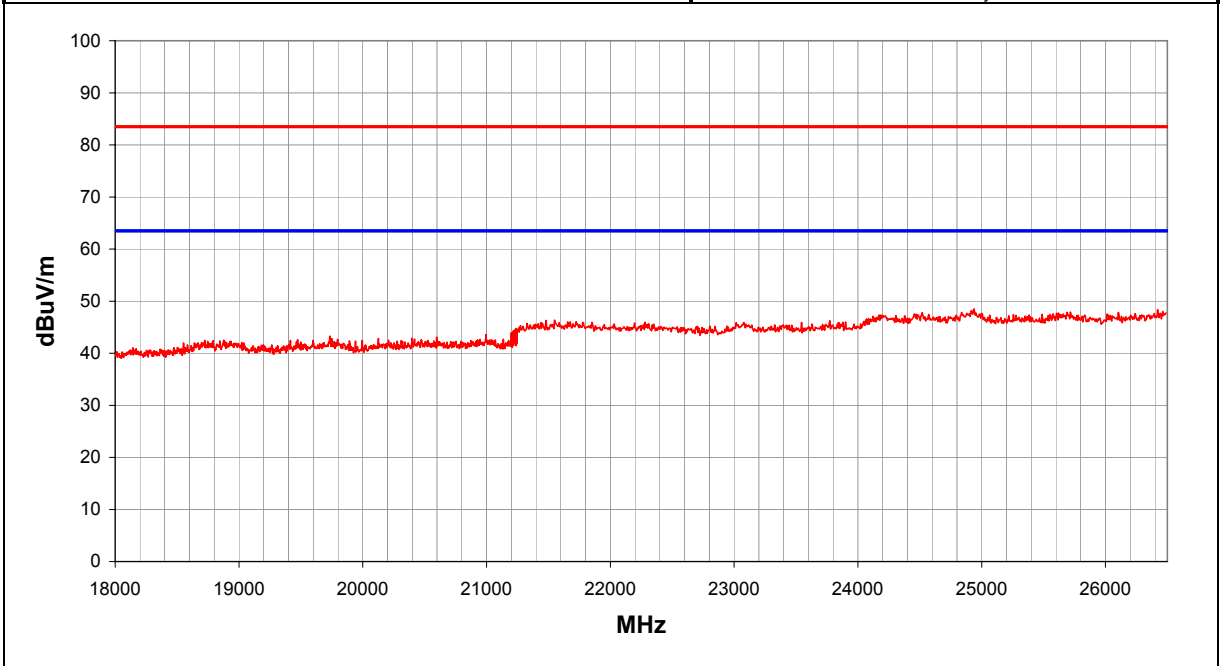
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

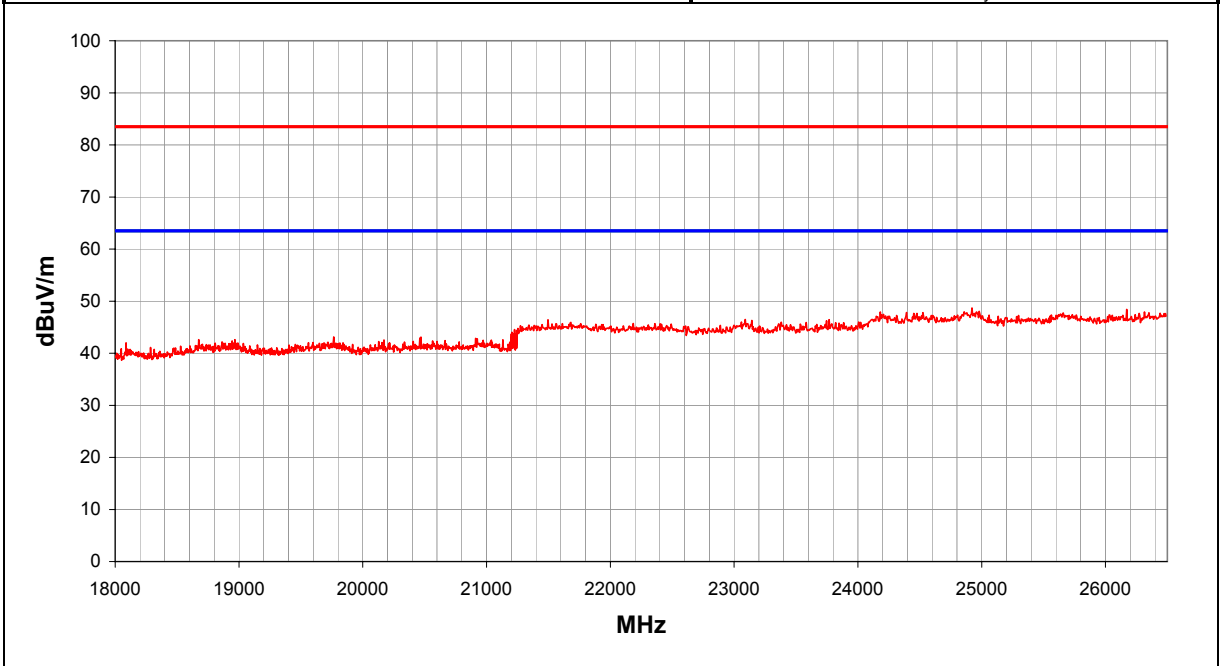
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	32

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	37.1	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

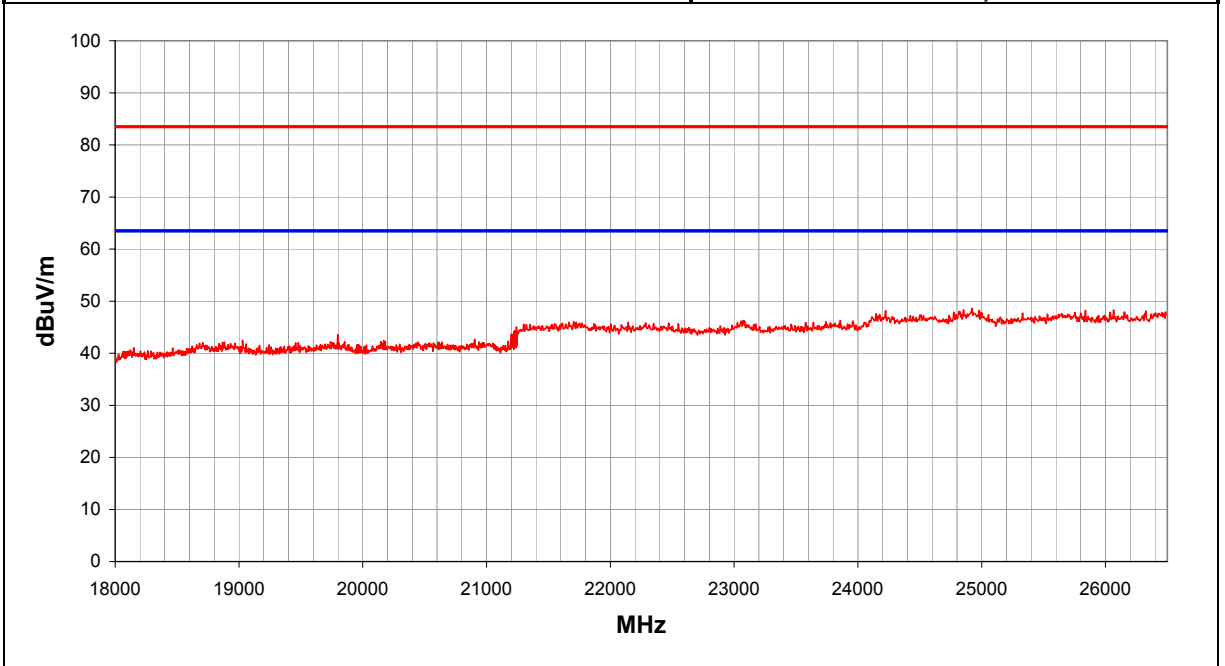
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

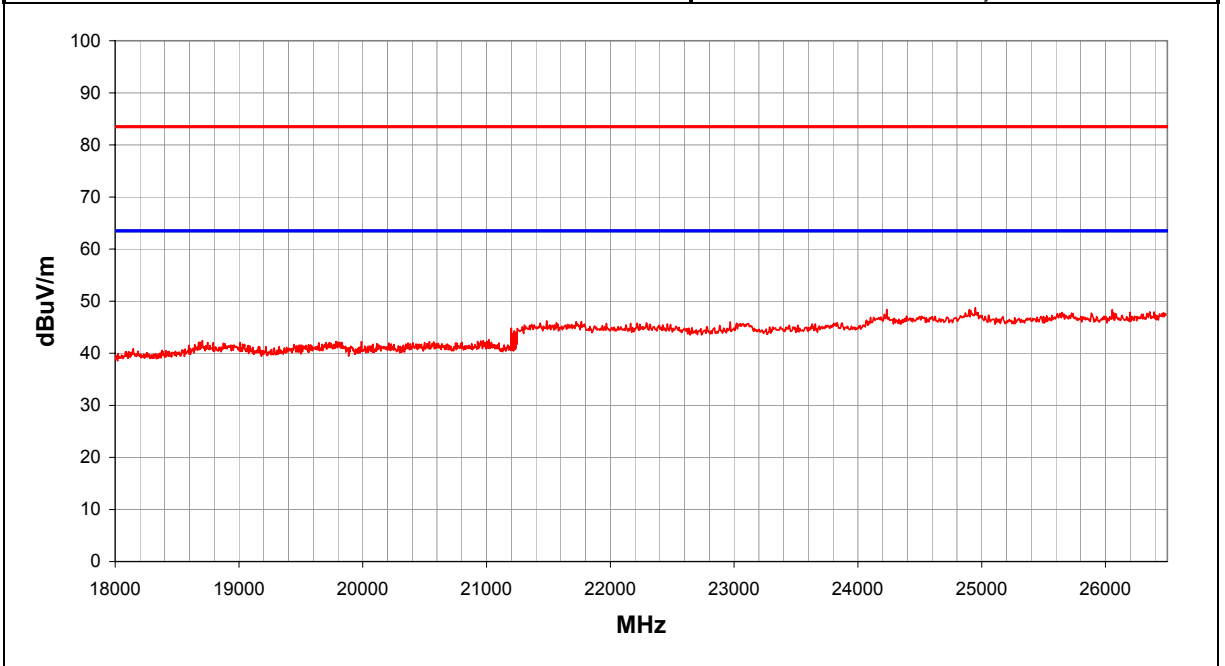
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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



**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

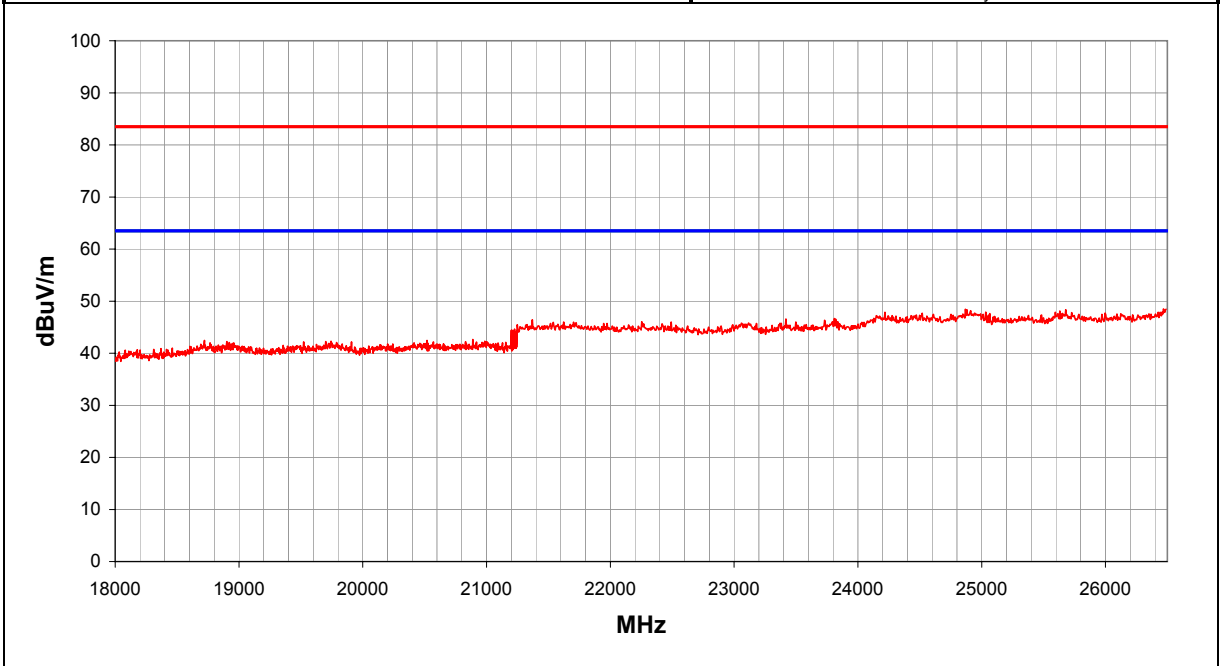
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	35

**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)
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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

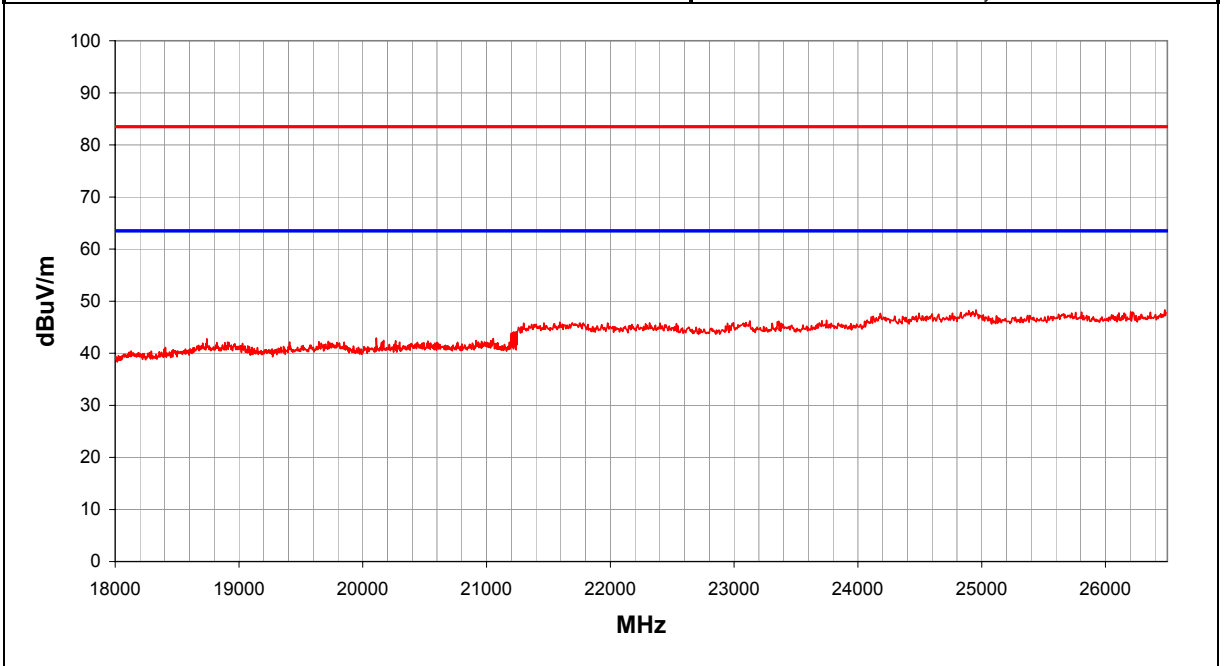
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	36

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)
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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

EUT: <b>WN-5MP01</b>	Work Order: <b>INMC0045</b>
Serial Number:	Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>	Temperature: <b>68</b>
Attendees: <b>None</b>	Humidity: <b>46%</b>
Cust. Ref. No.:	Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>
	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

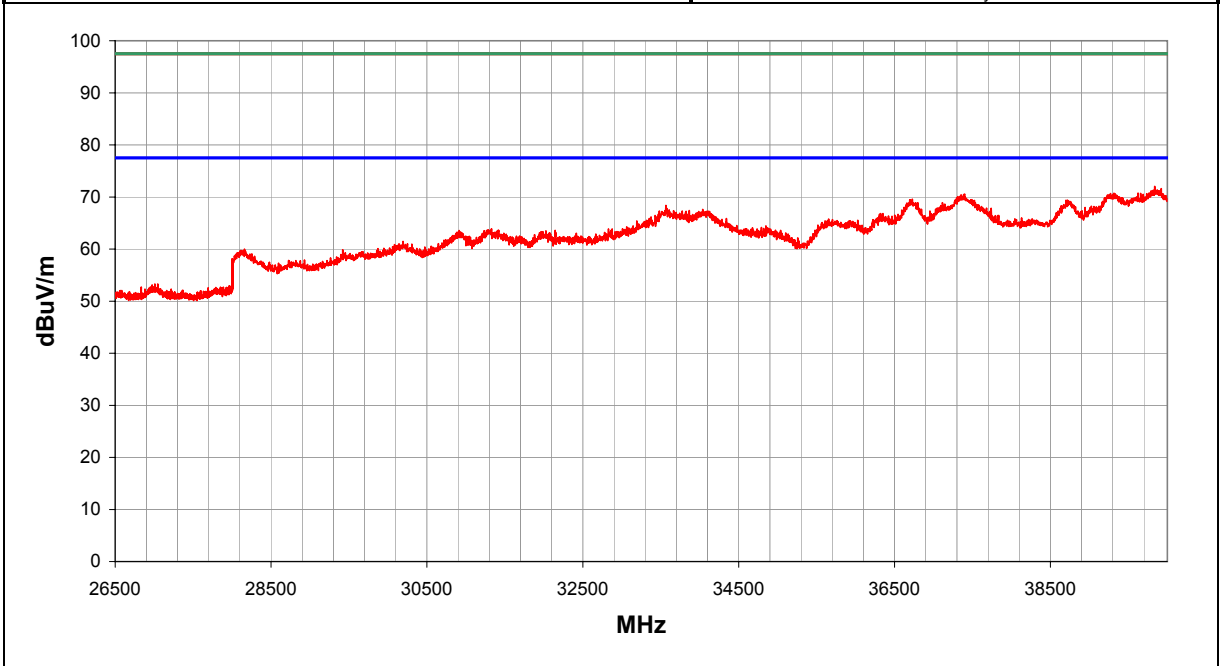
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>0.2</b>	<b>37</b>

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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df3.01 09/20/2002

EUT: <b>WN-5MP01</b>	Work Order: <b>INMC0045</b>
Serial Number:	Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>	Temperature: <b>68</b>
Attendees: <b>None</b>	Humidity: <b>46%</b>
Cust. Ref. No.:	Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>
	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

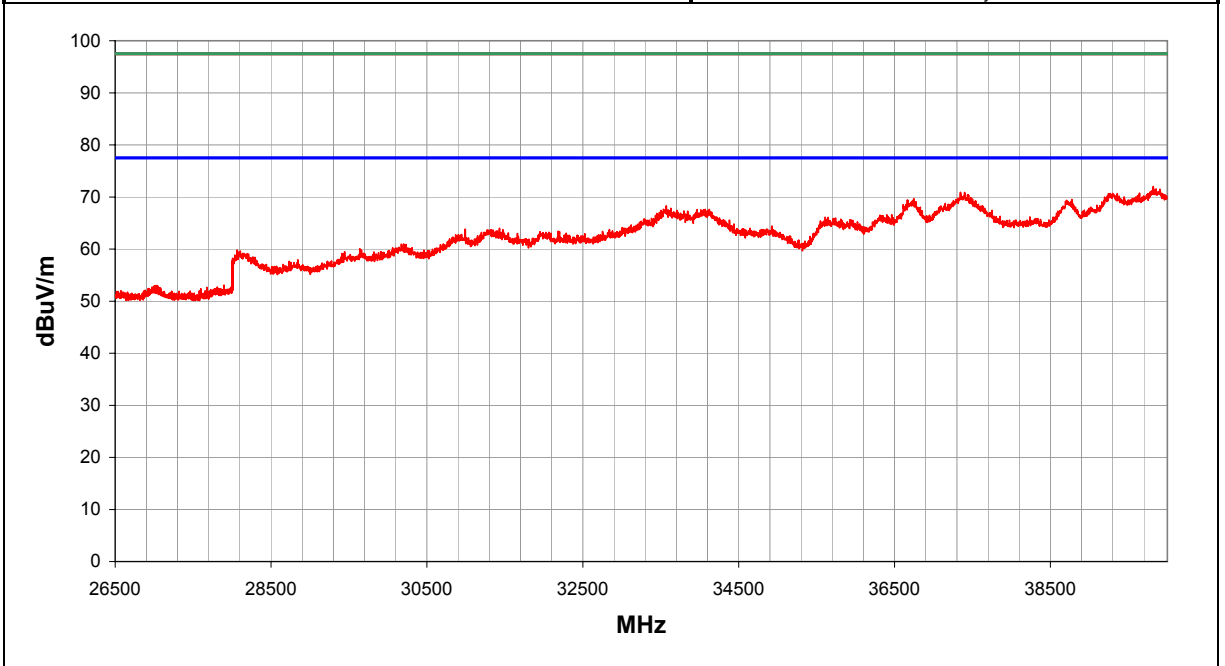
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>0.2</b>	<b>38</b>

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	43.9	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

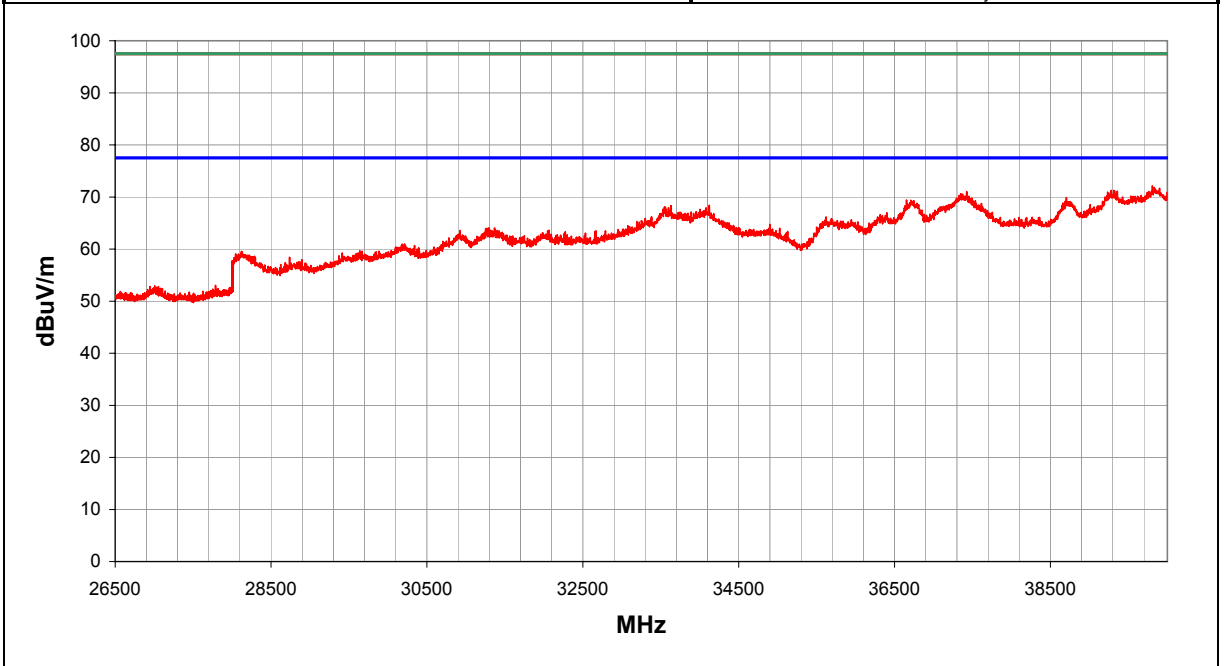
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>0.2</b>	<b>39</b>

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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/06/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>	
Attendees: <b>None</b>		Humidity: <b>46%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>	
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

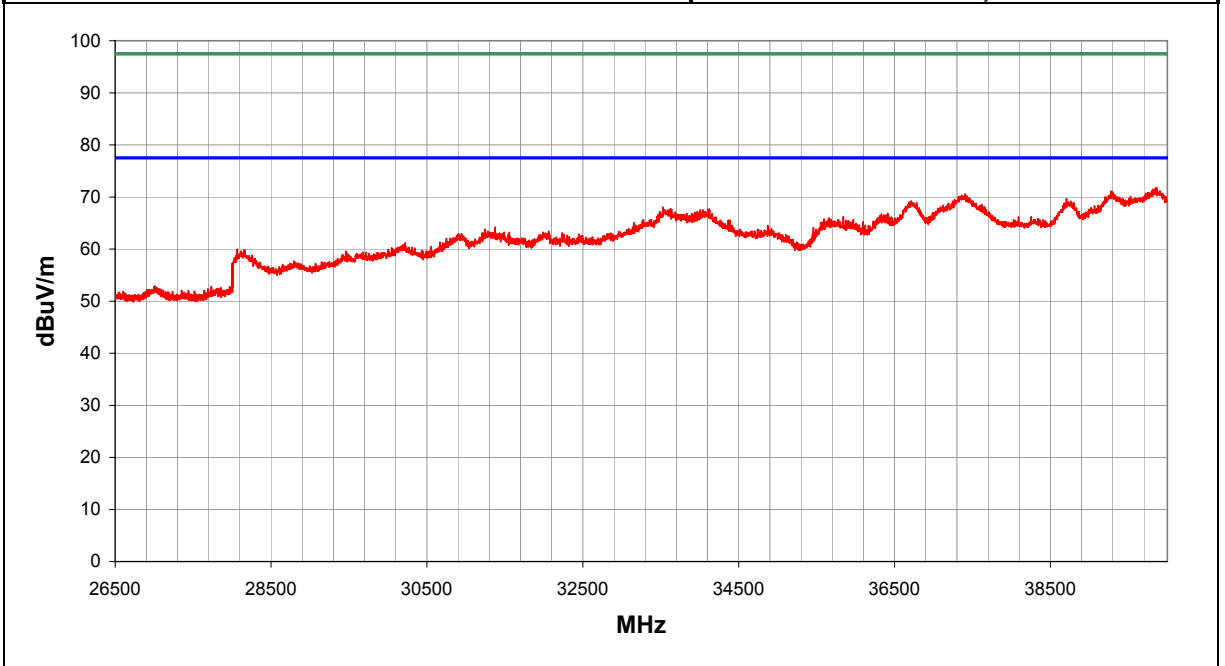
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>0.2</b>	<b>40</b>

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

**RADIATED EMISSIONS DATA SHEET**

REV d3.01  
09/20/2002

<b>EUT:</b> WN-5MP01		<b>Work Order:</b> INMC0045
<b>Serial Number:</b>		<b>Date:</b> 10/06/02
<b>Customer:</b> INTERMEC Corporation		<b>Temperature:</b> 68
<b>Attendees:</b> None		<b>Humidity:</b> 46%
<b>Cust. Ref. No.:</b>		<b>Barometric Pressure:</b> 30.41
<b>Tested by:</b> Greg Kiemel	<b>Power:</b> DC from E-net	<b>Job Site:</b> EV01

<b>TEST SPECIFICATIONS</b>	
<b>Specification:</b> FCC 15.209	<b>Year:</b> Current 47CFR
<b>Method:</b> ANSI C63.4	<b>Year:</b> 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

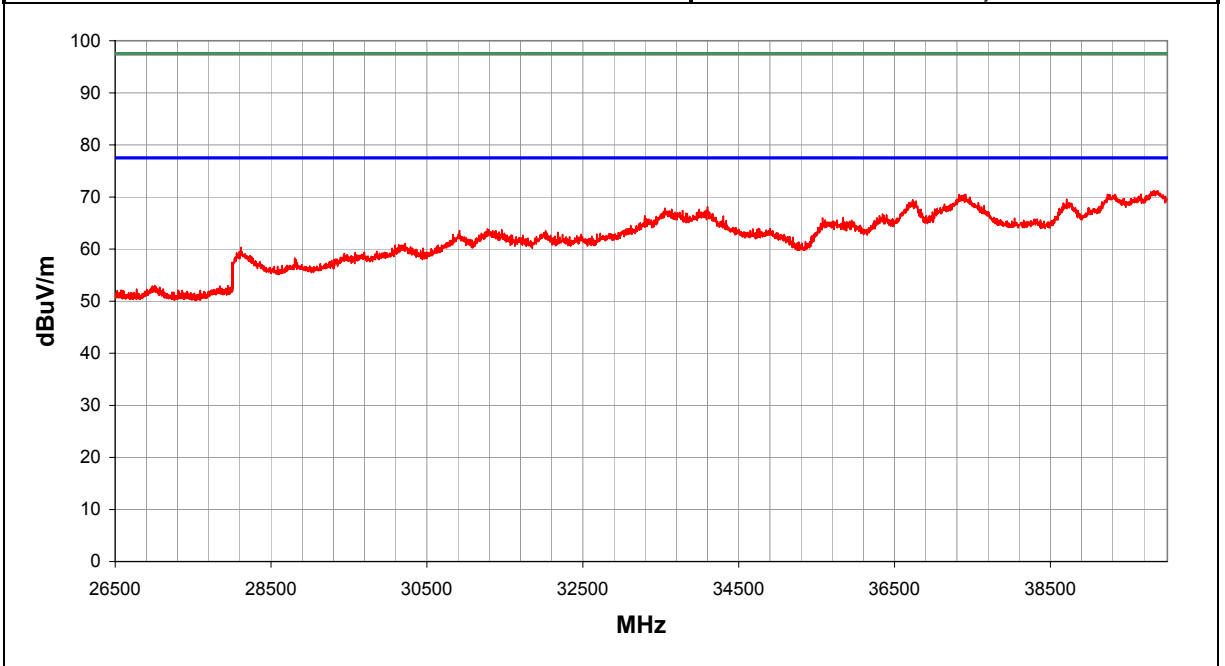
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
<b>Evaluation</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df3.01 09/20/2002

EUT: <b>WN-5MP01</b>	Work Order: <b>INMC0045</b>
Serial Number:	Date: <b>10/06/02</b>
Customer: <b>INTERMEC Corporation</b>	Temperature: <b>68</b>
Attendees: <b>None</b>	Humidity: <b>46%</b>
Cust. Ref. No.:	Barometric Pressure: <b>30.41</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC from E-net</b>
	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

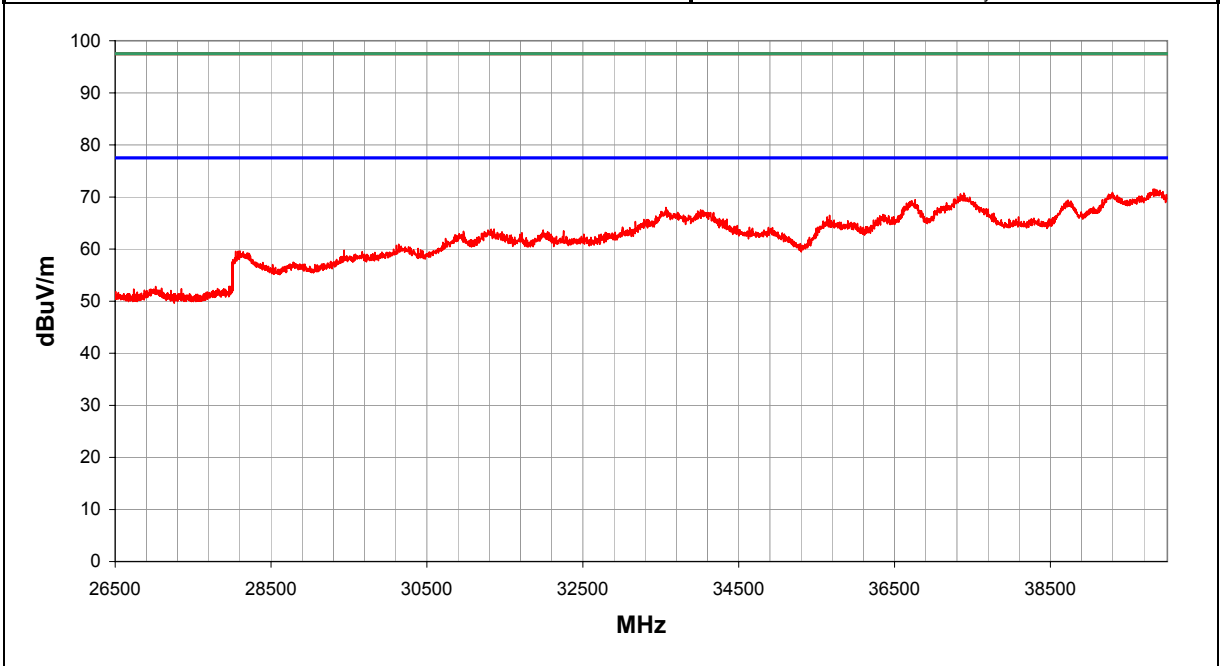
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>0.2</b>	<b>42</b>

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



**EMC RADIATED EMISSIONS DATA SHEET**

REV df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/10/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>
Attendees: <b>none</b>		Humidity: <b>43%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

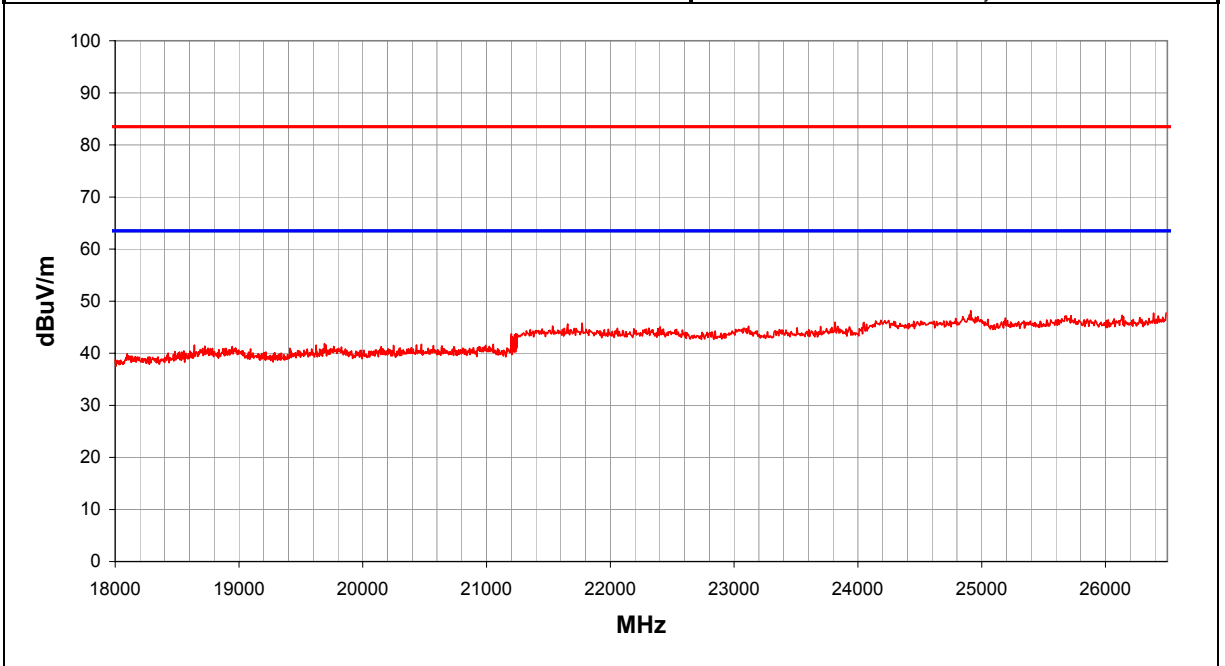
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/10/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>
Attendees: <b>none</b>		Humidity: <b>43%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

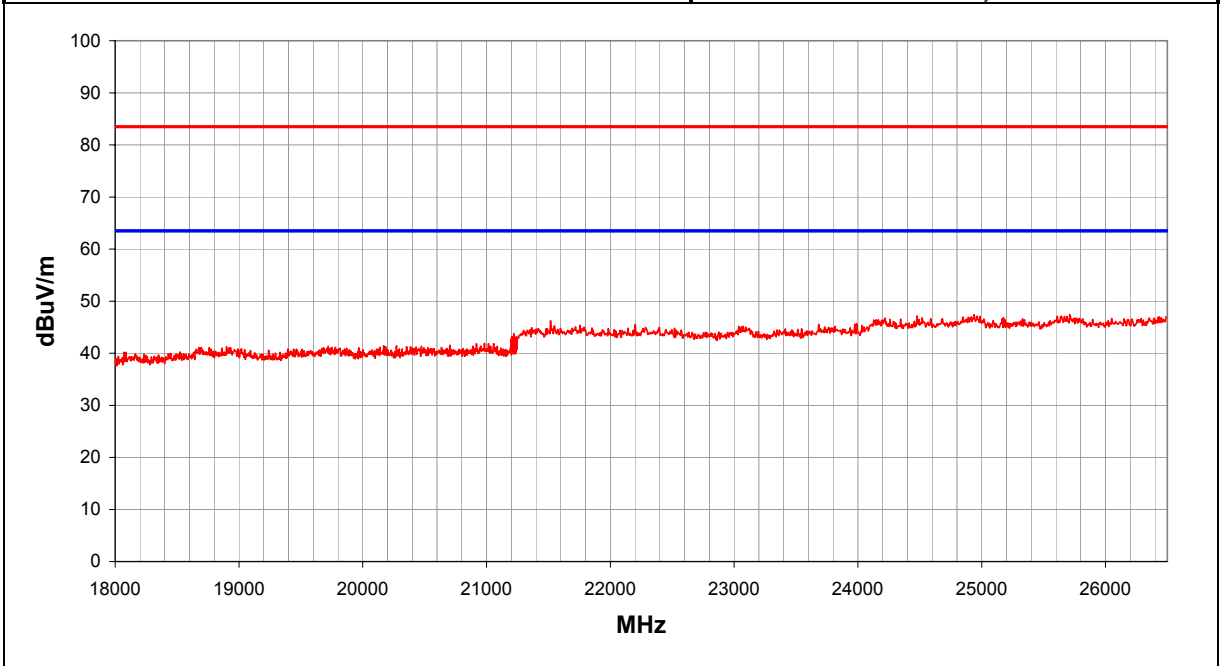
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/10/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>
Attendees: <b>none</b>		Humidity: <b>43%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

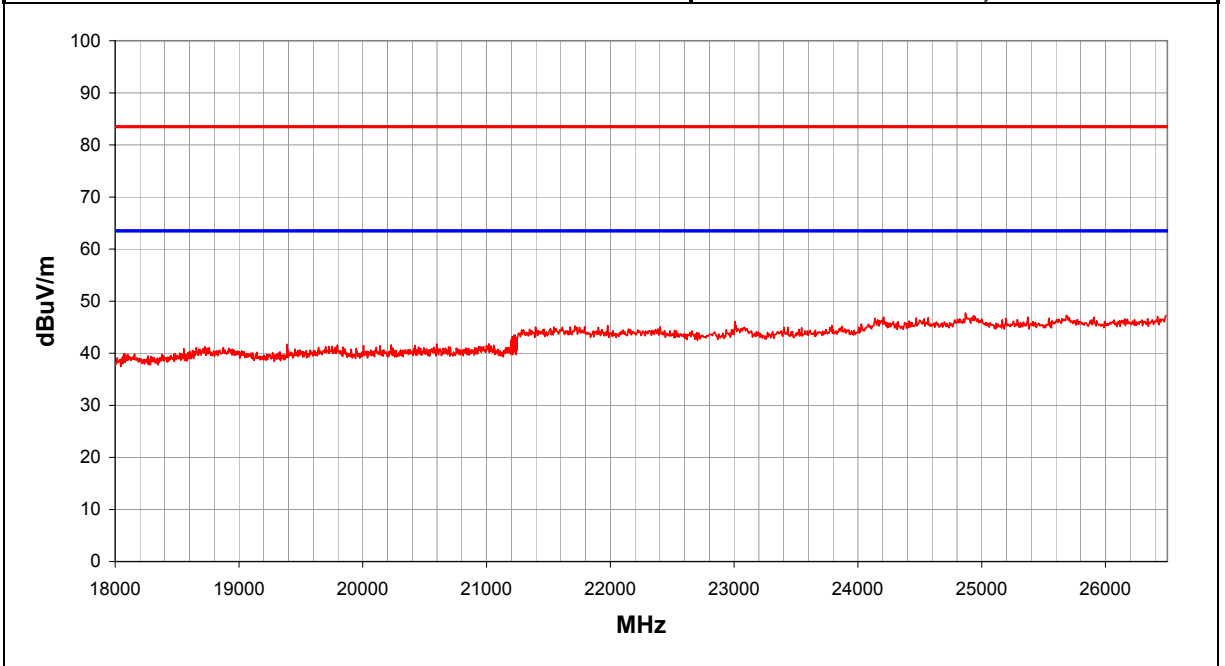
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	45

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)
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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/10/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>	
Attendees: <b>none</b>		Humidity: <b>43%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>	
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

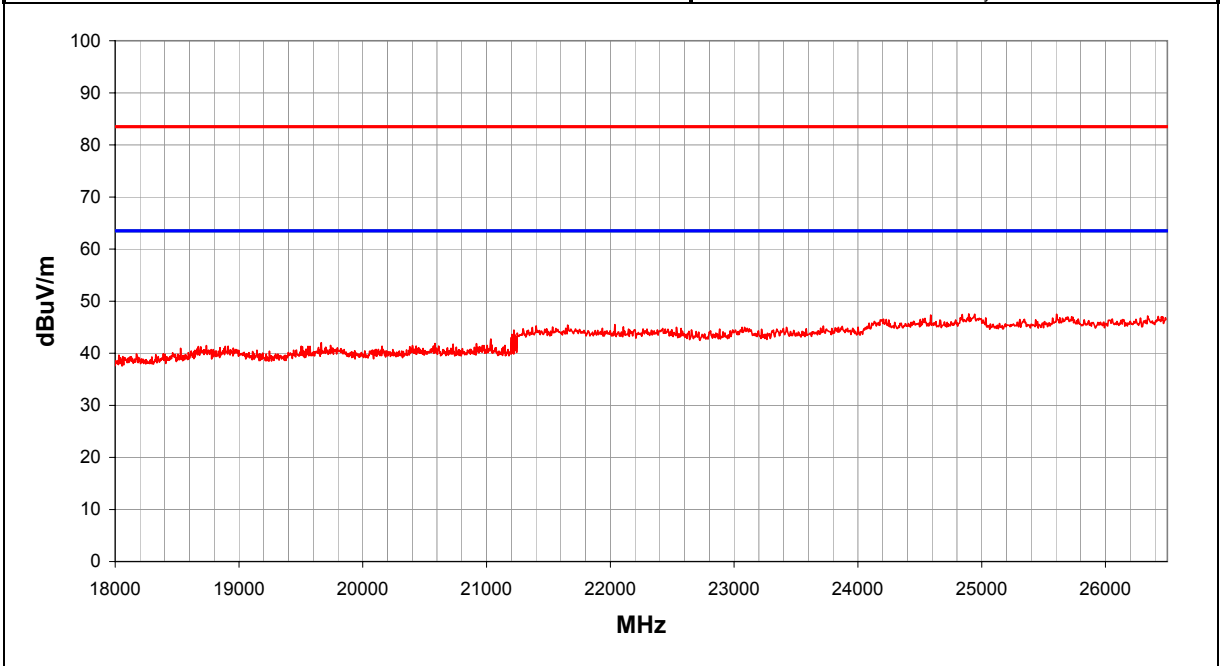
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/10/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>
Attendees: <b>none</b>		Humidity: <b>43%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

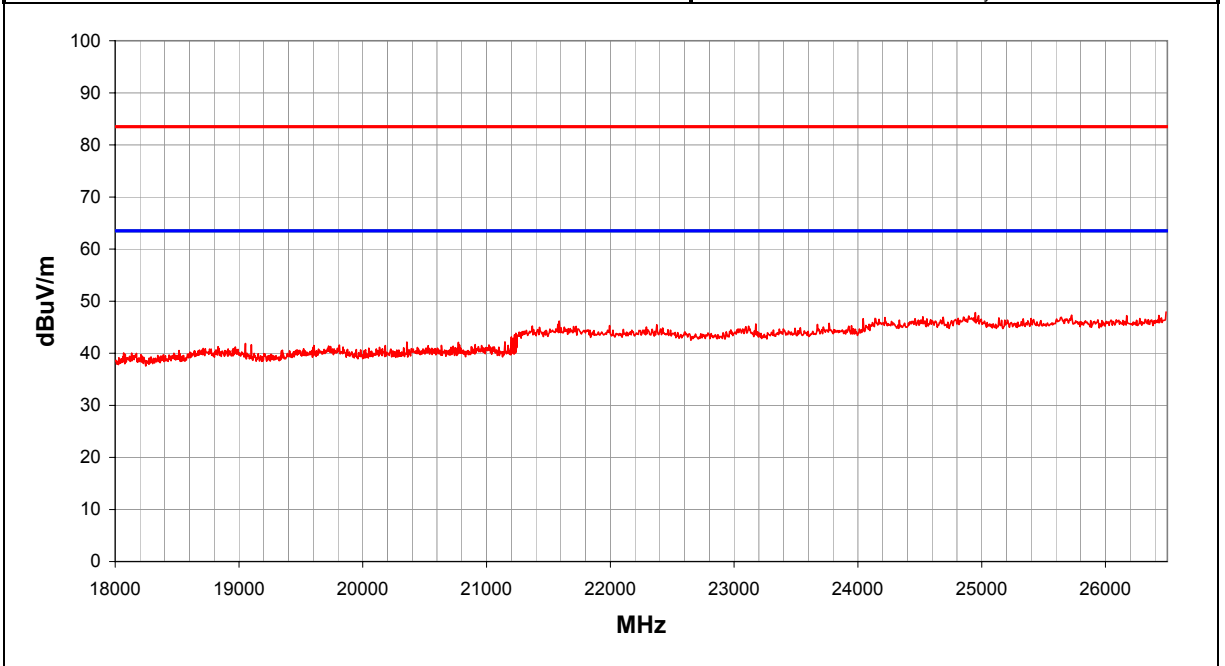
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	47

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)
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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/10/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>	
Attendees: <b>none</b>		Humidity: <b>43%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>	
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

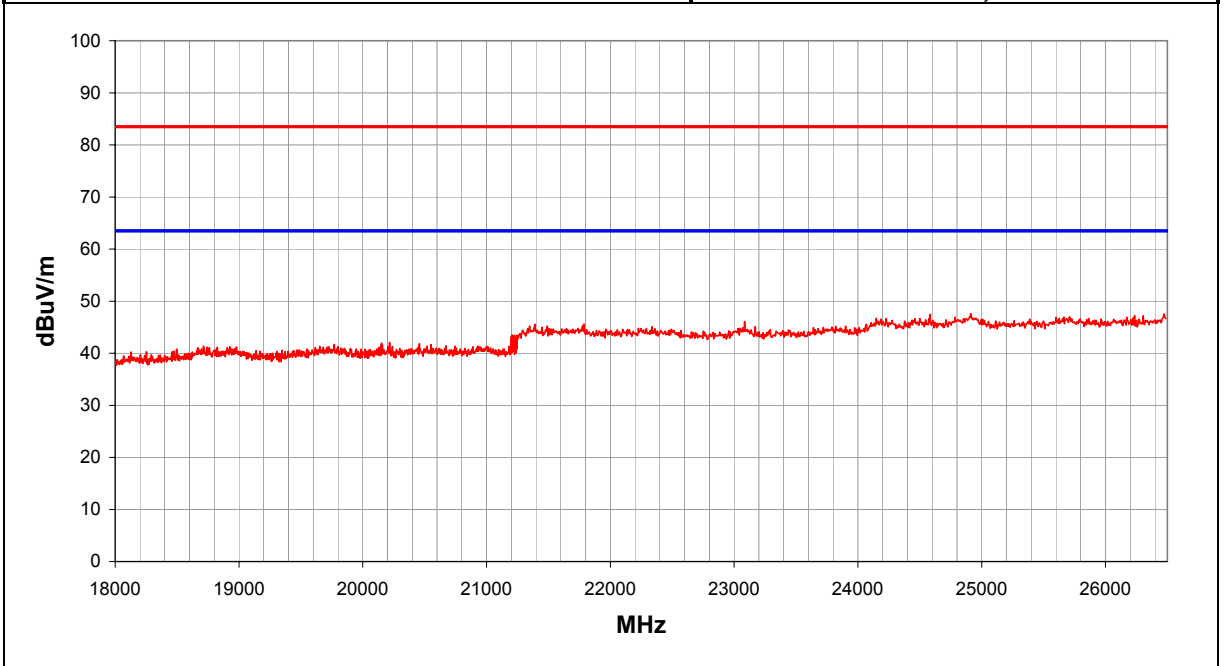
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	<b>1</b>	<b>48</b>

**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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/10/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>	
Attendees: <b>none</b>		Humidity: <b>43%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>	
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

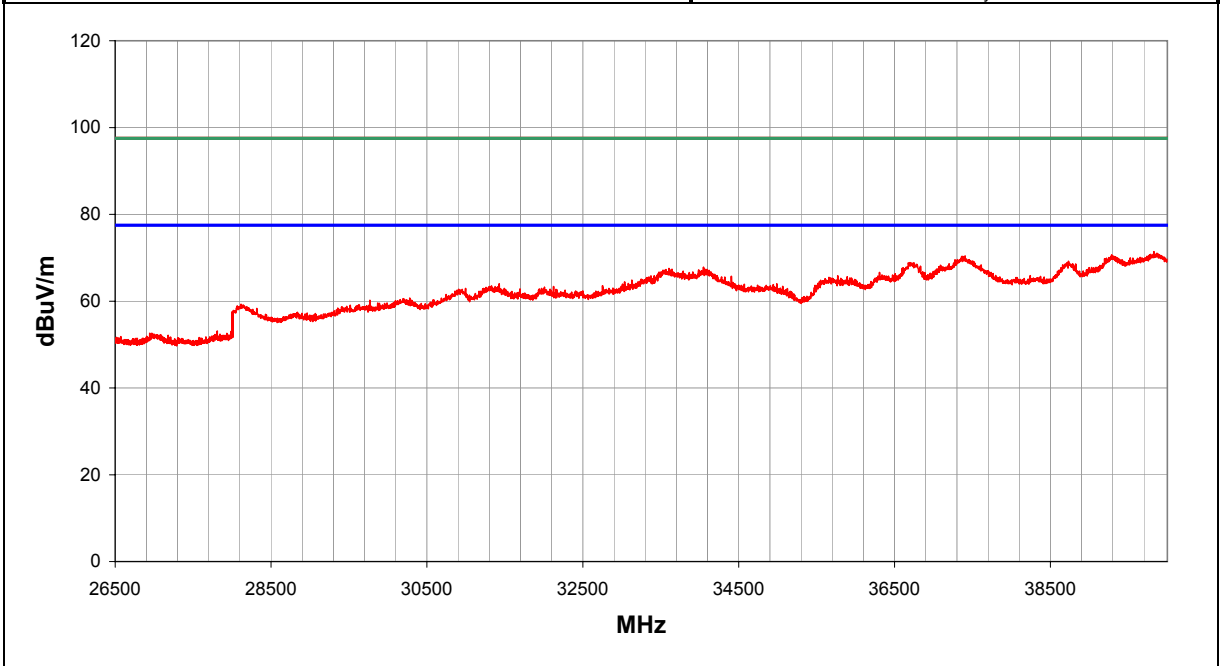
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>0.2</b>	<b>49</b>

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

**EMC RADIATED EMISSIONS DATA SHEET**

REV dfr3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/10/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>
Attendees: <b>none</b>		Humidity: <b>43%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

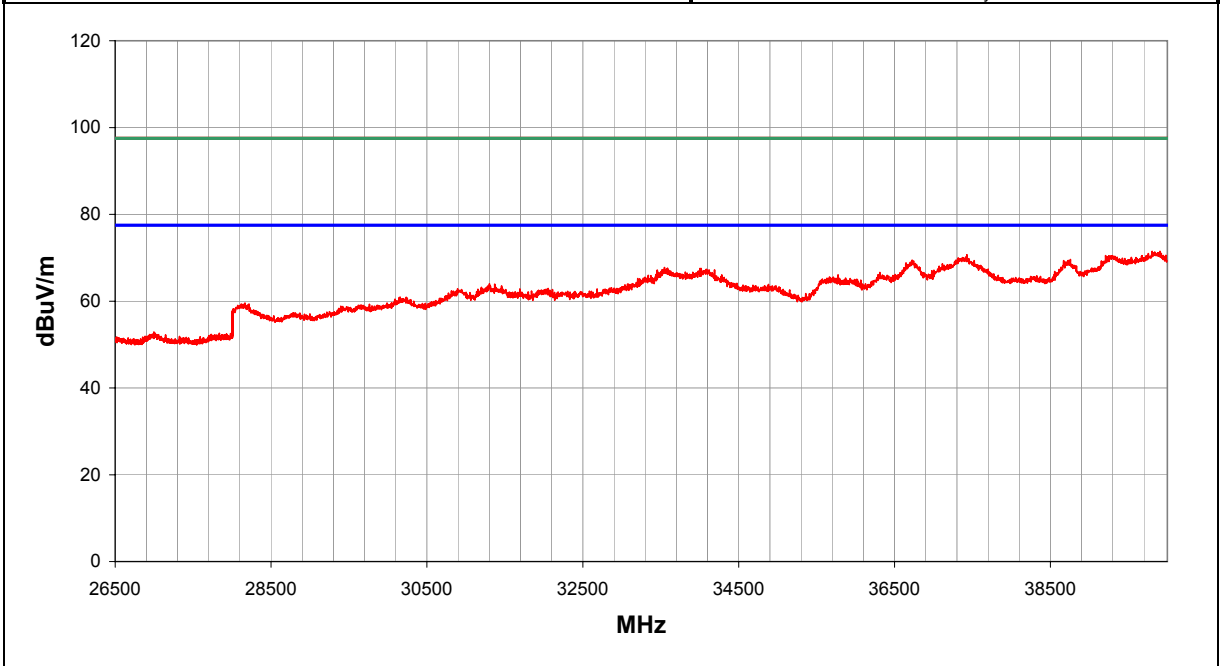
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>0.2</b>	<b>50</b>

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



**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/10/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>	
Attendees: <b>none</b>		Humidity: <b>43%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>	
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

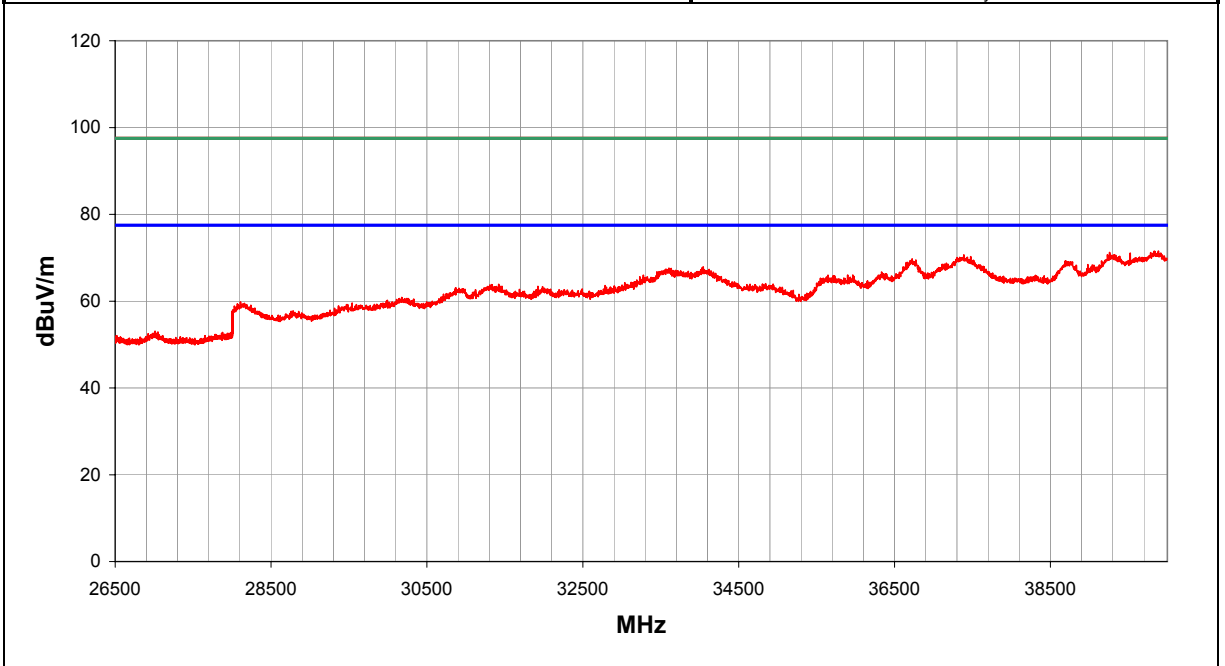
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	<b>0.2</b>	<b>51</b>

**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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/10/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>
Attendees: <b>none</b>		Humidity: <b>43%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

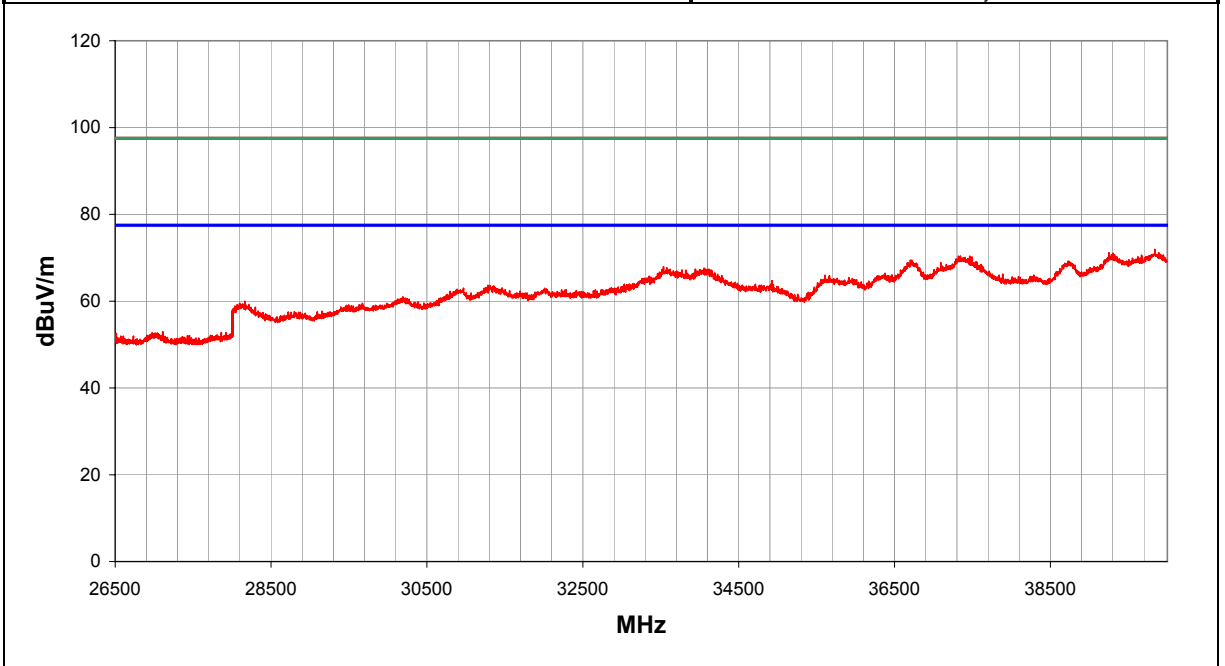
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>0.2</b>	<b>52</b>

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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/10/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>
Attendees: <b>none</b>		Humidity: <b>43%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

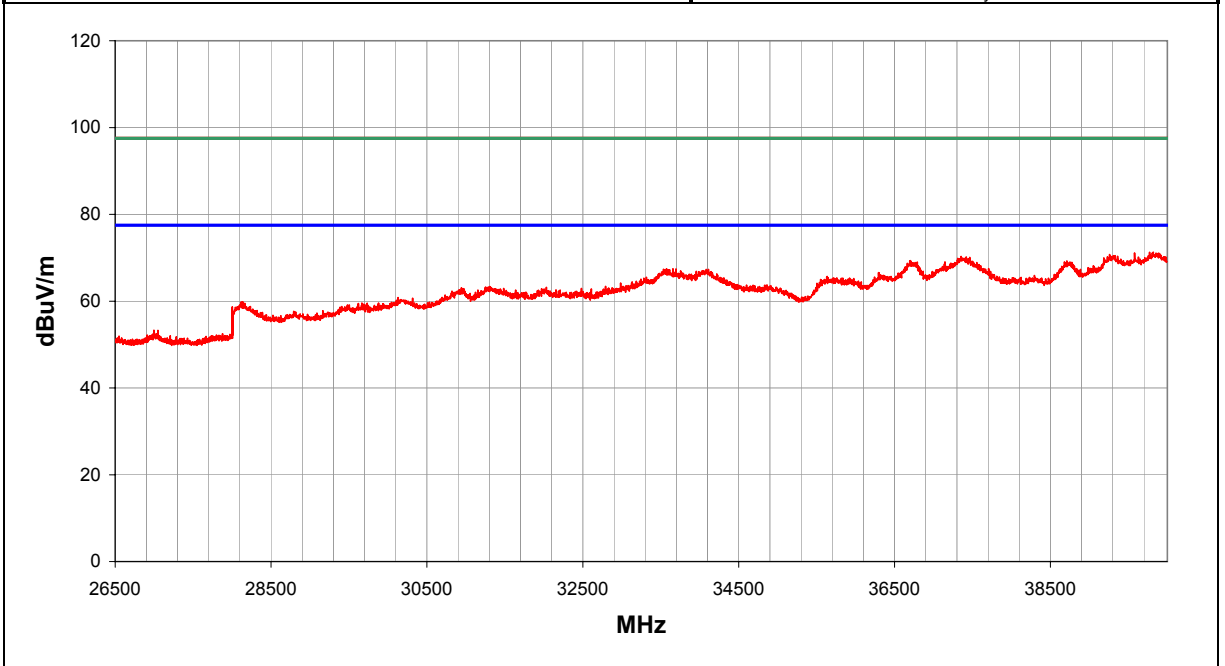
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>0.2</b>	<b>53</b>

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

**EMC RADIATED EMISSIONS DATA SHEET**

REV dfr.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/10/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>
Attendees: <b>none</b>		Humidity: <b>43%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

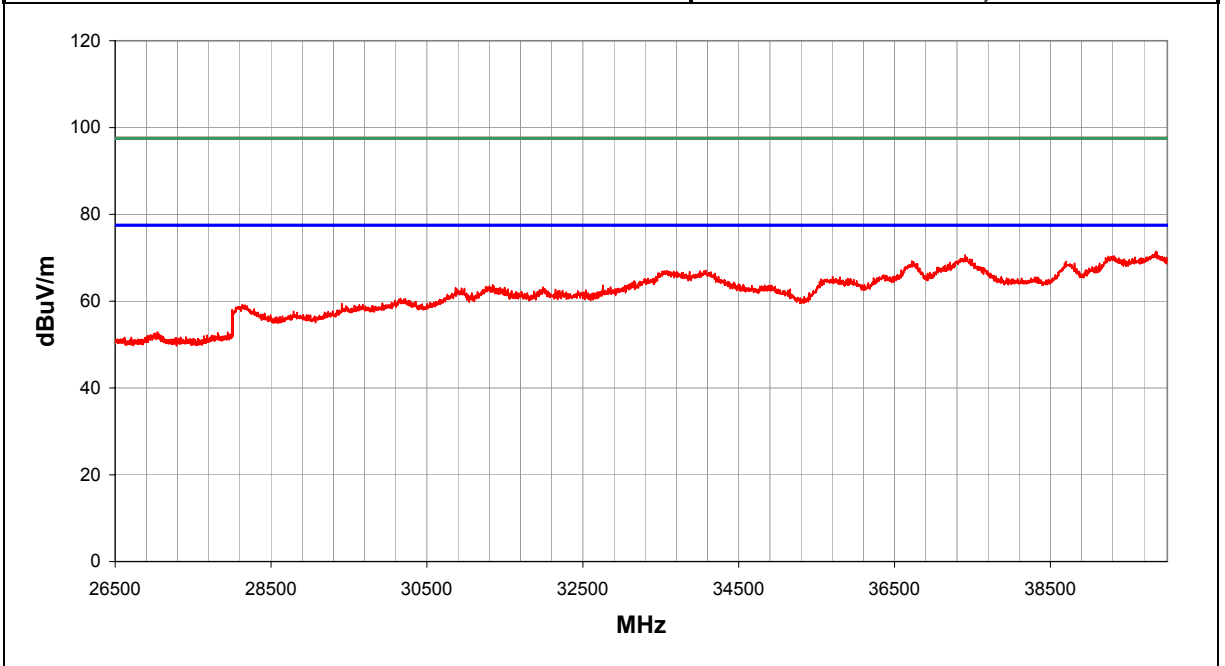
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>0.2</b>	<b>54</b>

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

**RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

<b>EUT:</b> WN-5MP01	<b>Work Order:</b> INMC0045
<b>Serial Number:</b>	<b>Date:</b> 10/11/02
<b>Customer:</b> INTERMEC Corporation	<b>Temperature:</b> 75
<b>Attendees:</b> none	<b>Humidity:</b> 43%
<b>Cust. Ref. No.:</b>	<b>Barometric Pressure:</b> 30.3
<b>Tested by:</b> Rod Peloquin	<b>Power:</b> DC power on Enet
	<b>Job Site:</b> EV01

<b>TEST SPECIFICATIONS</b>	
<b>Specification:</b> FCC 15.209	<b>Year:</b> Current 47CFR
<b>Method:</b> ANSI C63.4	<b>Year:</b> 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

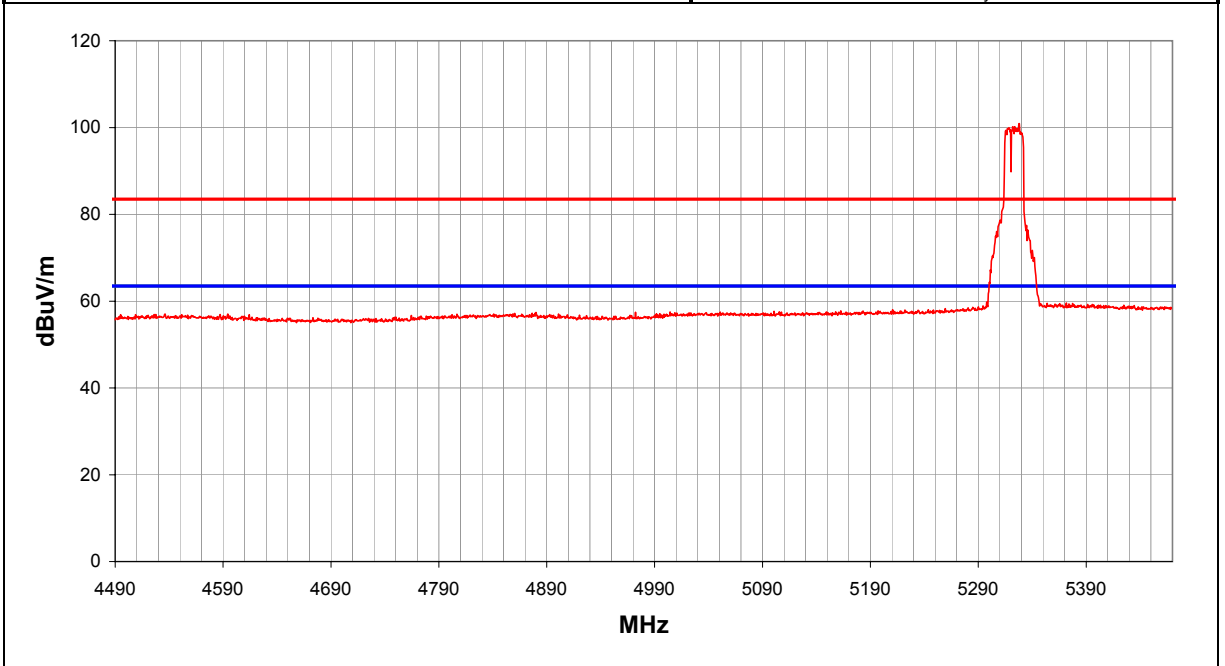
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
<b>Evaluation</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df3.00 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

<b>TEST SPECIFICATIONS</b>	
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

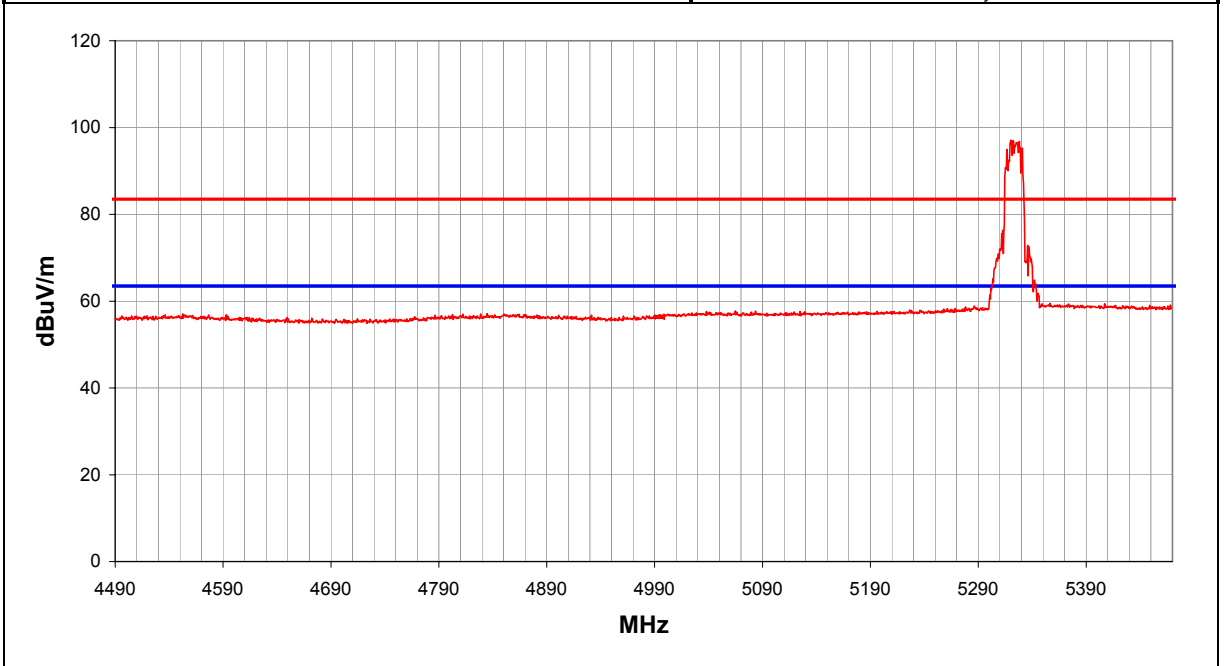
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/11/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>	
Attendees: <b>none</b>		Humidity: <b>43%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>	
Tested by: <b>Rod Peloquin</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

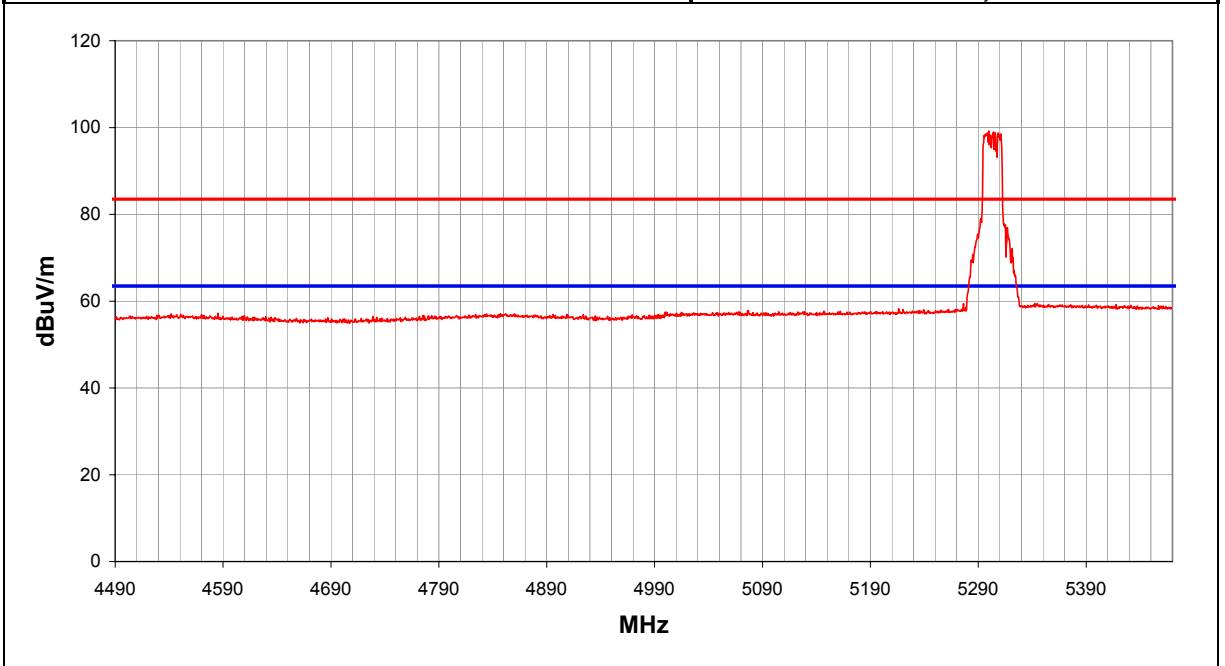
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	<b>1</b>	<b>57</b>

**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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/11/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>
Attendees: <b>none</b>		Humidity: <b>43%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>
Tested by: <b>Rod Peloquin</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

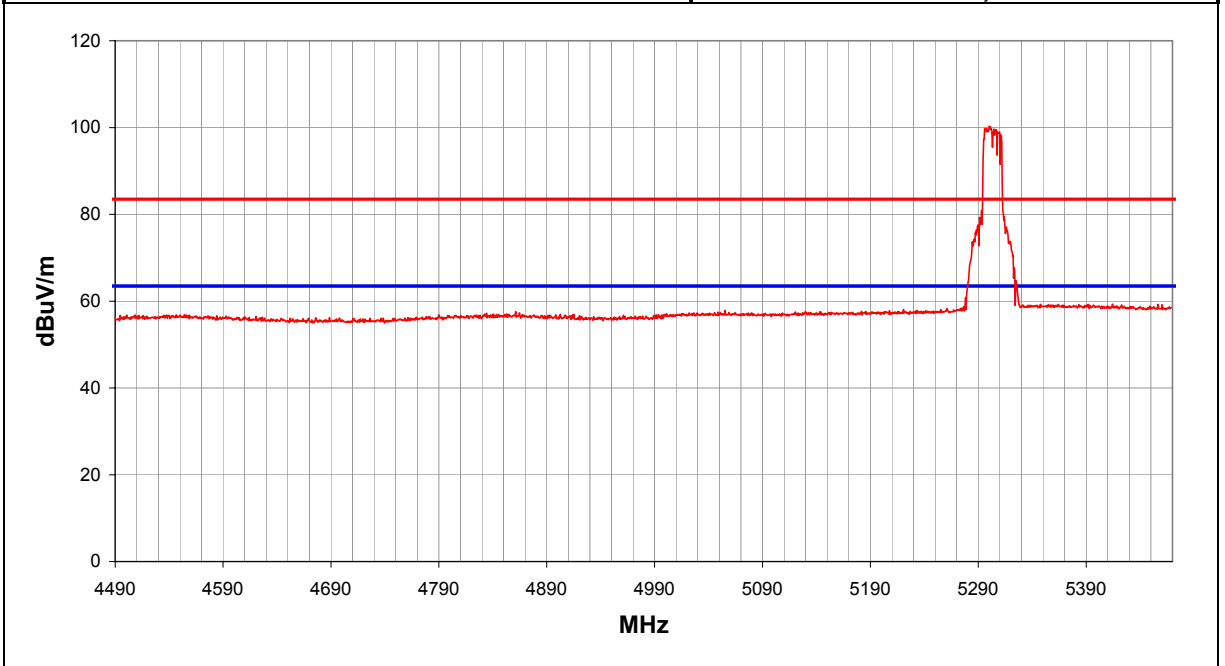
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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



**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/11/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>	
Attendees: <b>none</b>		Humidity: <b>43%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>	
Tested by: <b>Rod Peloquin</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

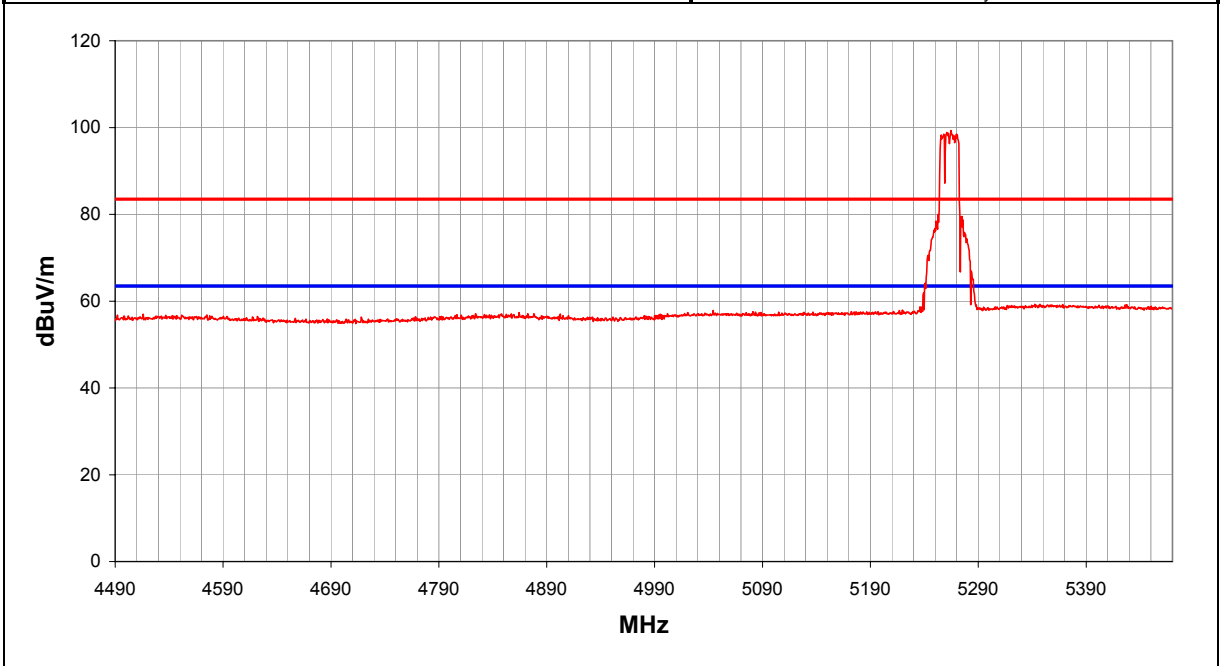
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	59

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)
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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/11/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>	
Attendees: <b>none</b>		Humidity: <b>43%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>	
Tested by: <b>Rod Peloquin</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

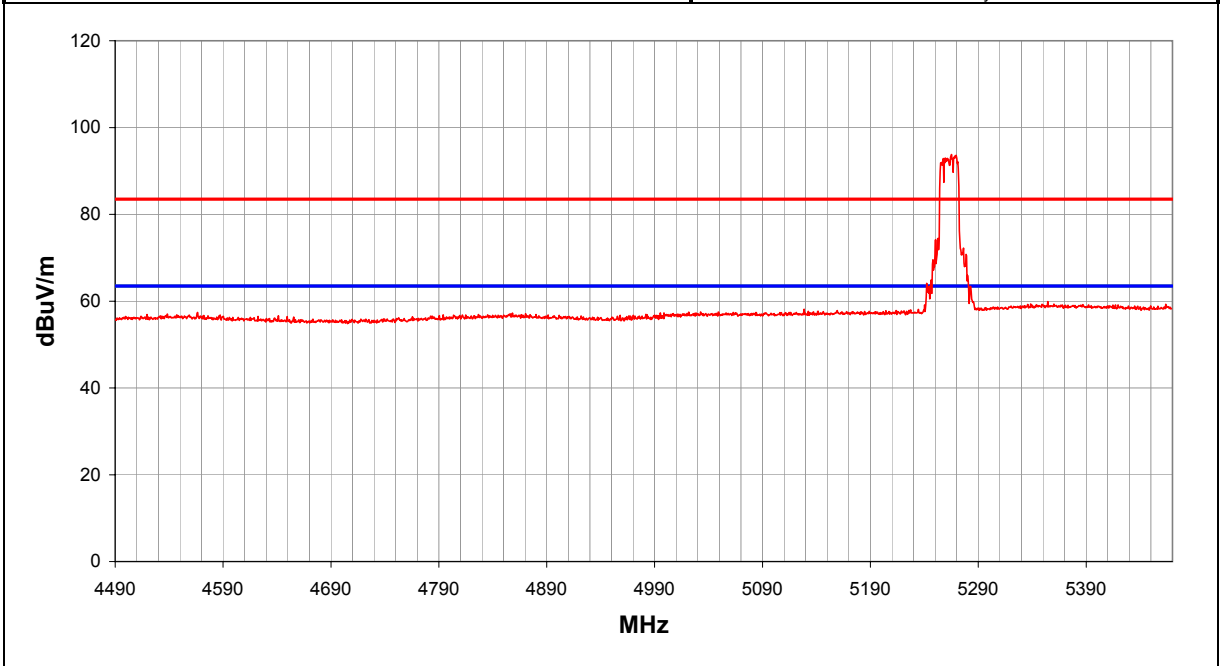
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	<b>1</b>	<b>60</b>

**Other**

\_\_\_\_\_  
Tested By:



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector <small>(blank equal peaks [PK] from scan)</small>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/11/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>	
Attendees: <b>none</b>		Humidity: <b>43%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>	
Tested by: <b>Greg Kiemel</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

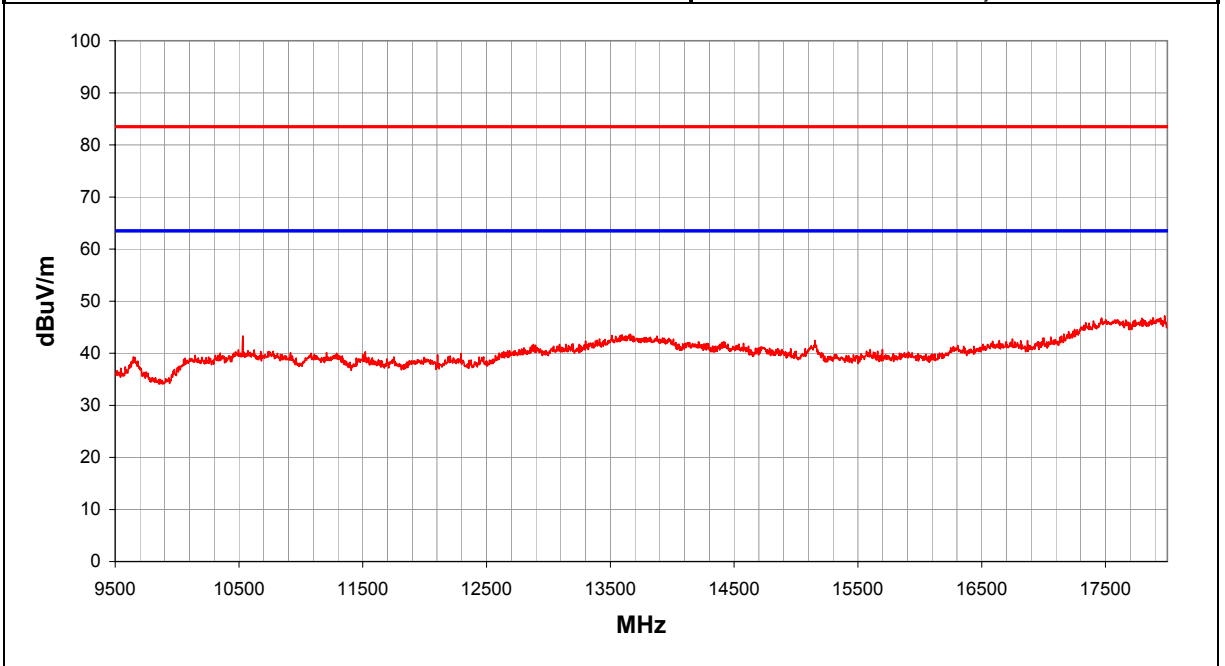
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	<b>1</b>	<b>61</b>

**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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df3.00 08/20/2002

EUT: <b>WN-5MP01</b>	Work Order: <b>INMC0045</b>
Serial Number:	Date: <b>10/11/02</b>
Customer: <b>INTERMEC Corporation</b>	Temperature: <b>75</b>
Attendees: <b>none</b>	Humidity: <b>43%</b>
Cust. Ref. No.:	Barometric Pressure: <b>30.3</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC power on Enet</b>
	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

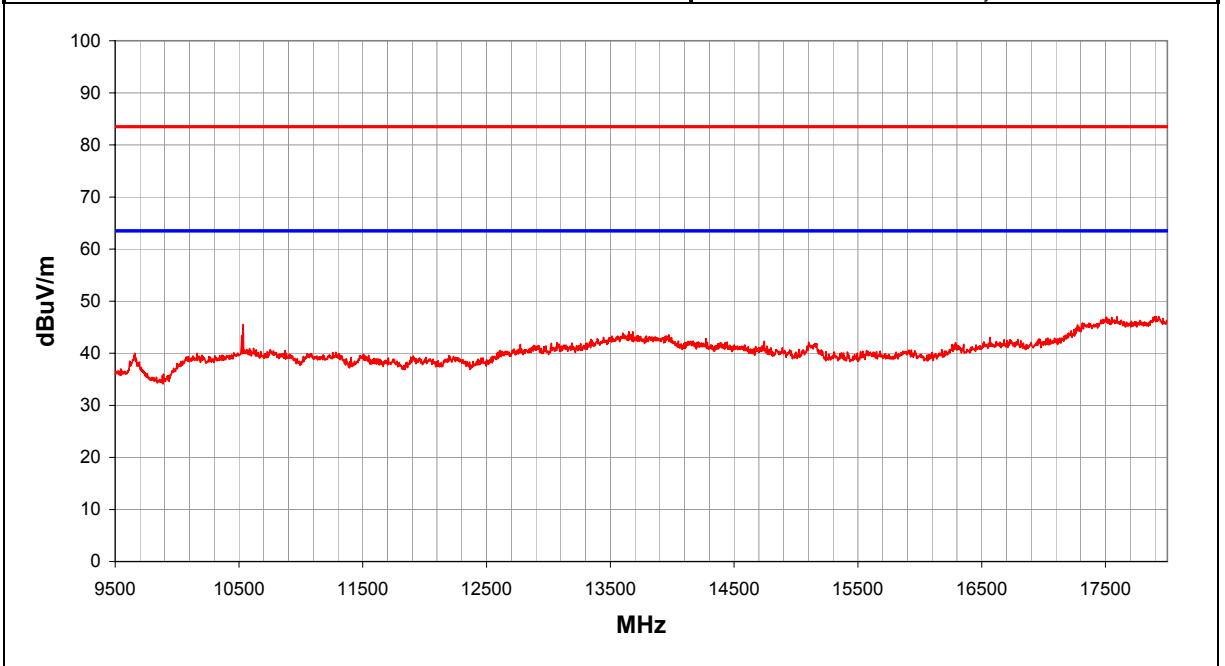
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/11/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>
Attendees: <b>none</b>		Humidity: <b>43%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

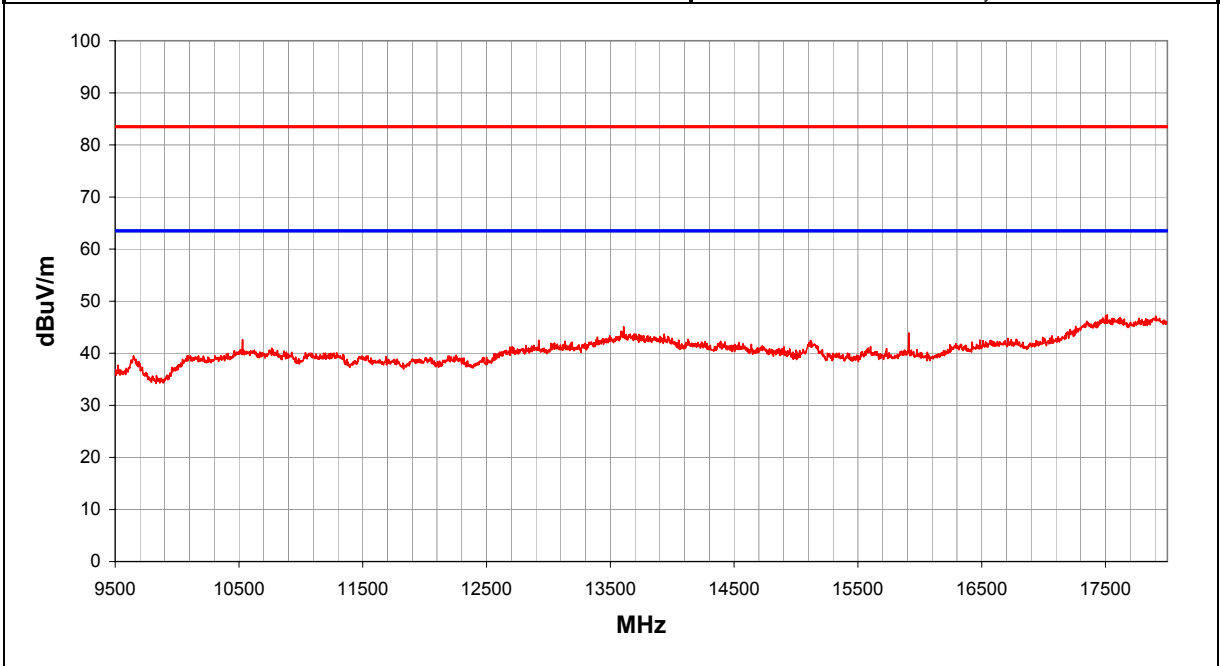
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/11/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>	
Attendees: <b>none</b>		Humidity: <b>43%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>	
Tested by: <b>Greg Kiemel</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

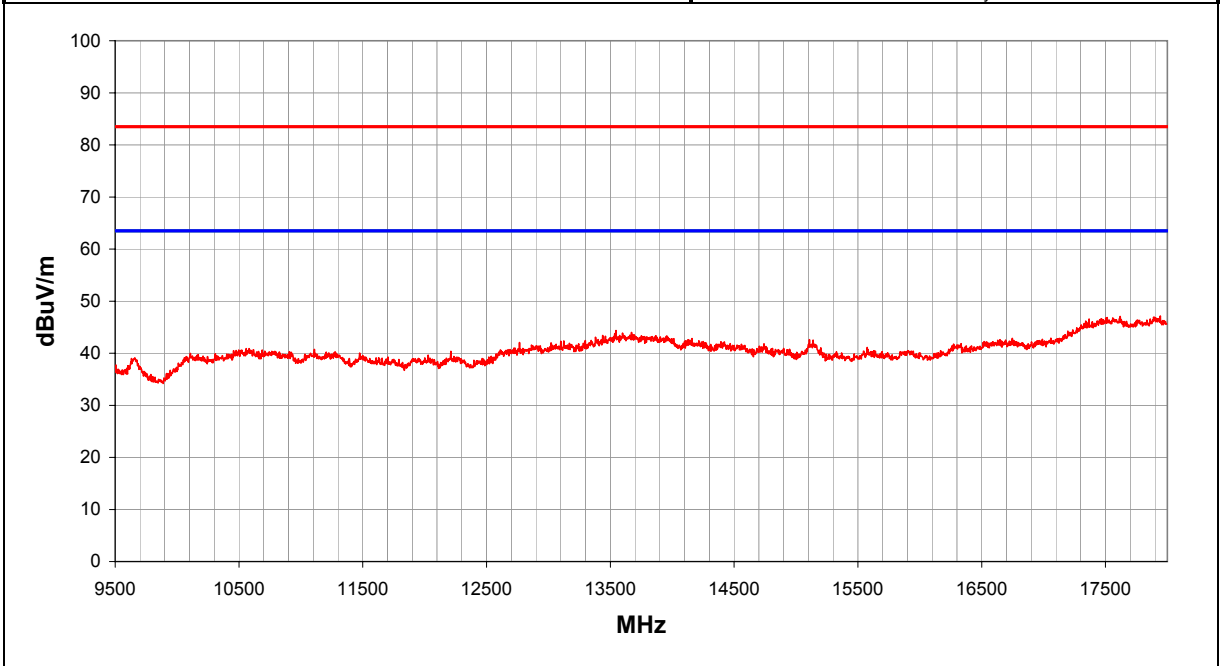
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	<b>1</b>	<b>64</b>

**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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/11/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>75</b>
Attendees: <b>none</b>		Humidity: <b>43%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.3</b>
Tested by: <b>Greg Kiemel</b>	Power: <b>DC power on Enet</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC 15.209</b>	Year: <b>Current 47CFR</b>
Method: <b>ANSI C63.4</b>	Year: <b>2000</b>

**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

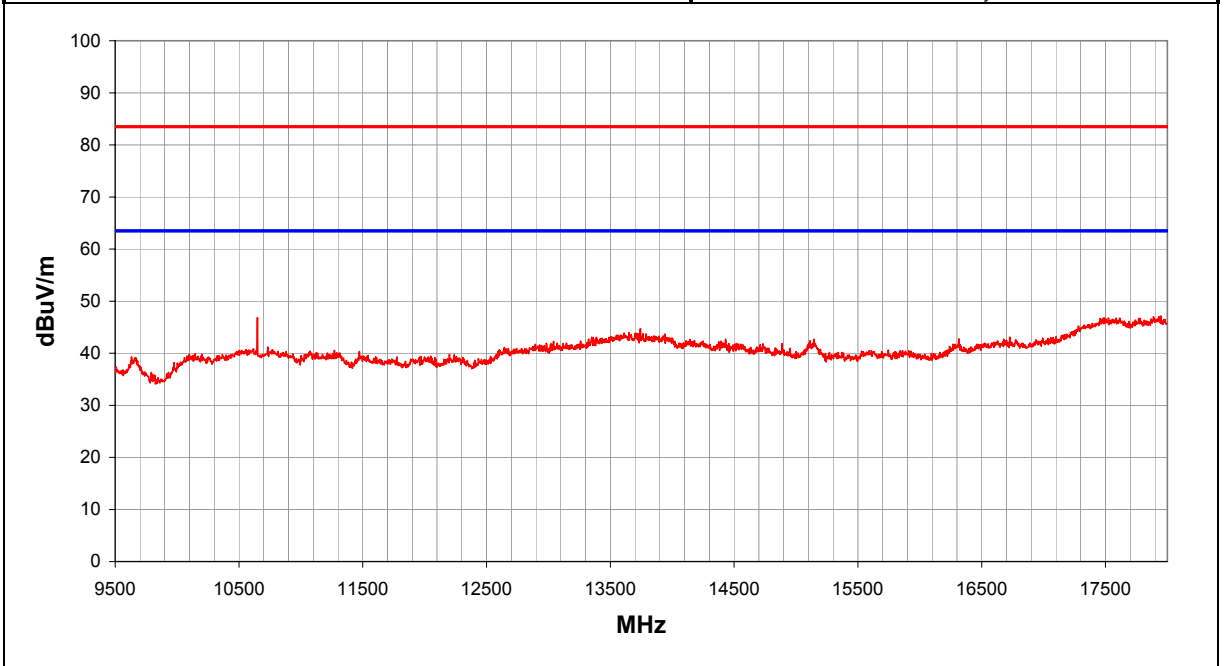
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d#3.00 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

<b>TEST SPECIFICATIONS</b>	
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

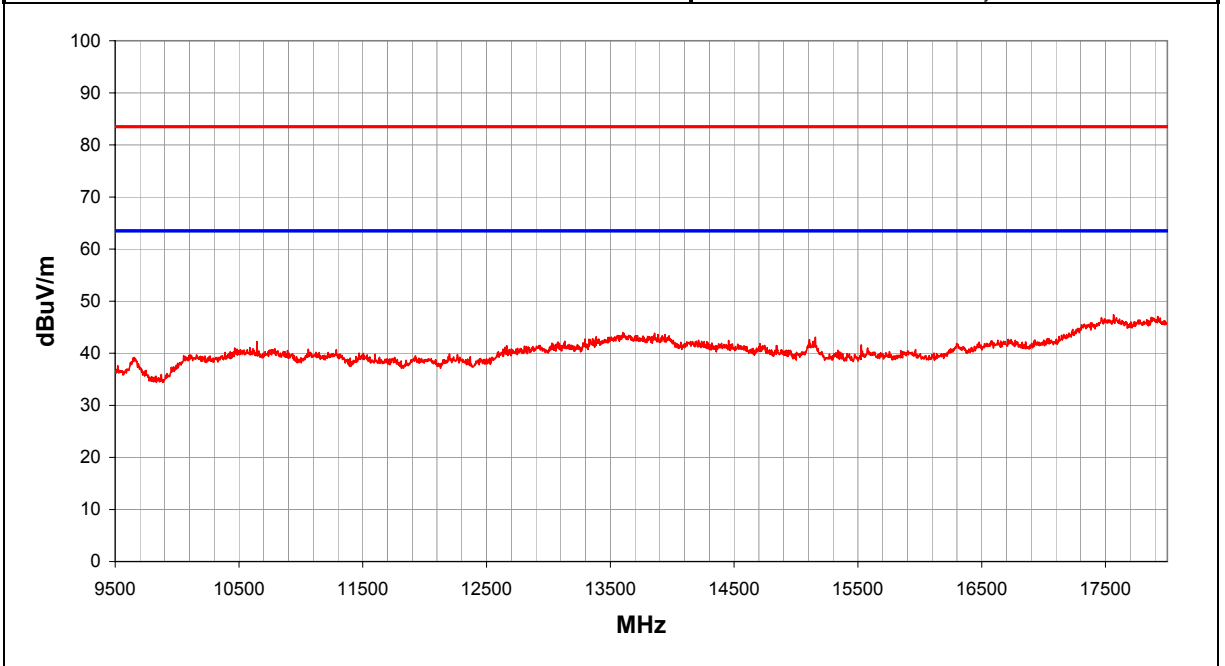
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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



**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/11/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Dave Tolman</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

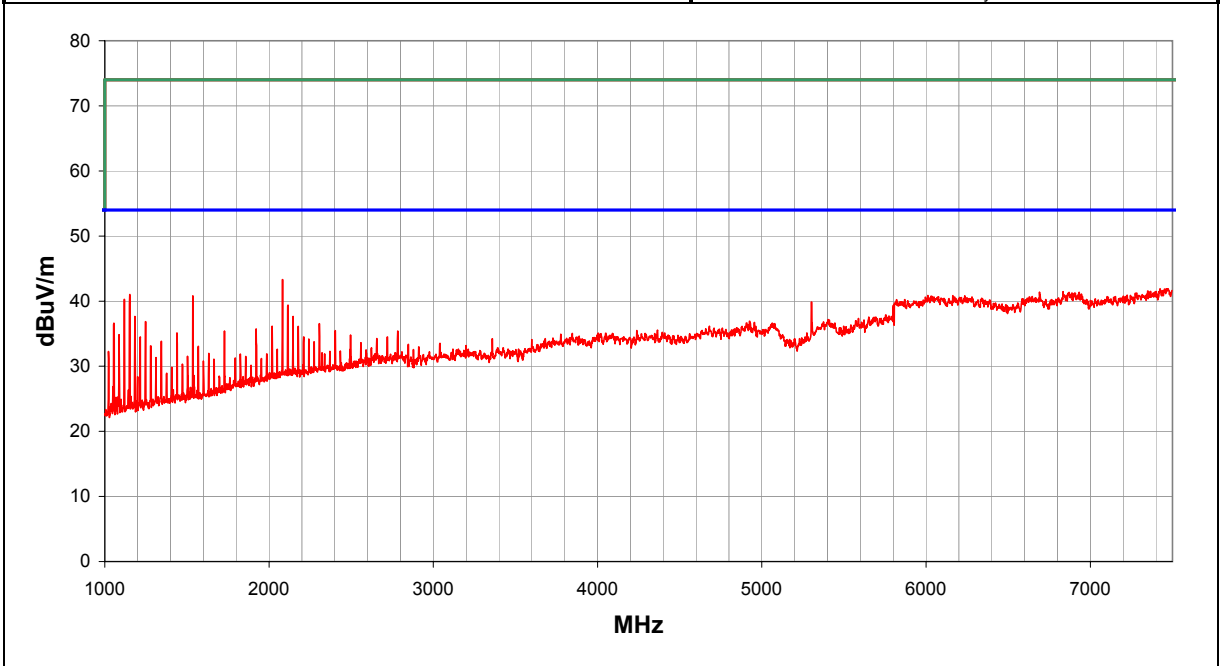
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>75</b>

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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d#3.00 08/20/2002

EUT: <b>WN-5MP01</b>	Work Order: <b>INMC0045</b>
Serial Number:	Date: <b>10/11/02</b>
Customer: <b>INTERMEC Corporation</b>	Temperature: <b>68</b>
Attendees: <b>None</b>	Humidity: <b>46%</b>
Cust. Ref. No.:	Barometric Pressure: <b>30.41</b>
Tested by: <b>Dave Tolman</b>	Power: <b>DC from E-net</b>
	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

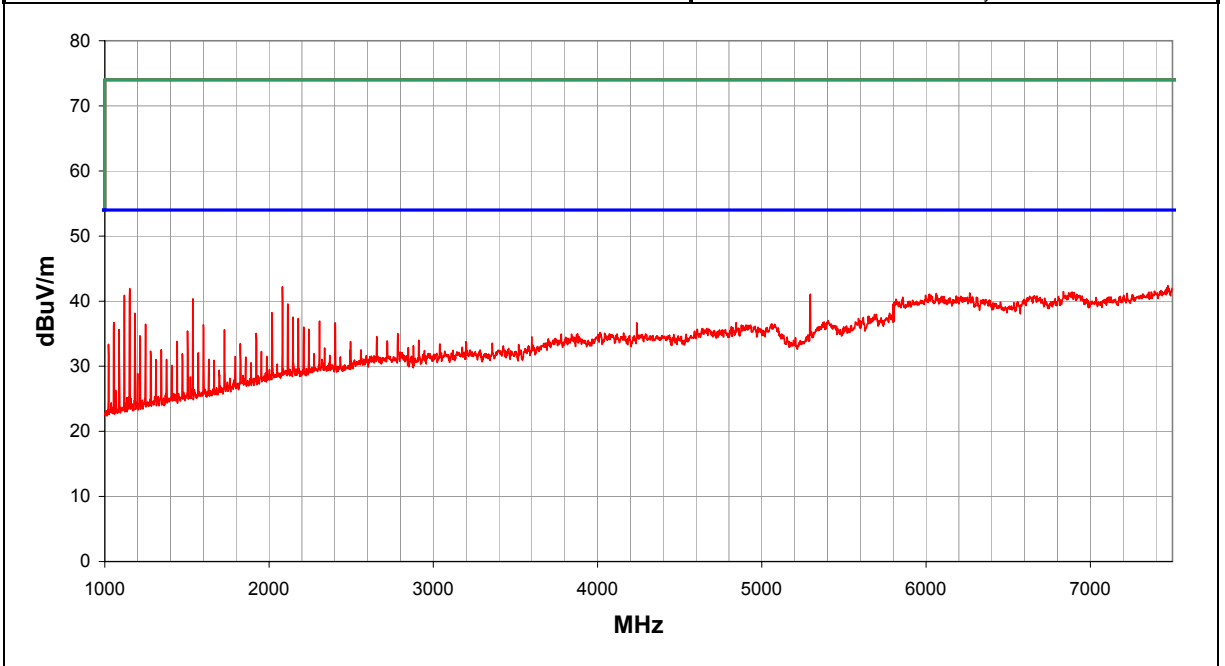
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>76</b>

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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/11/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Dave Tolman</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

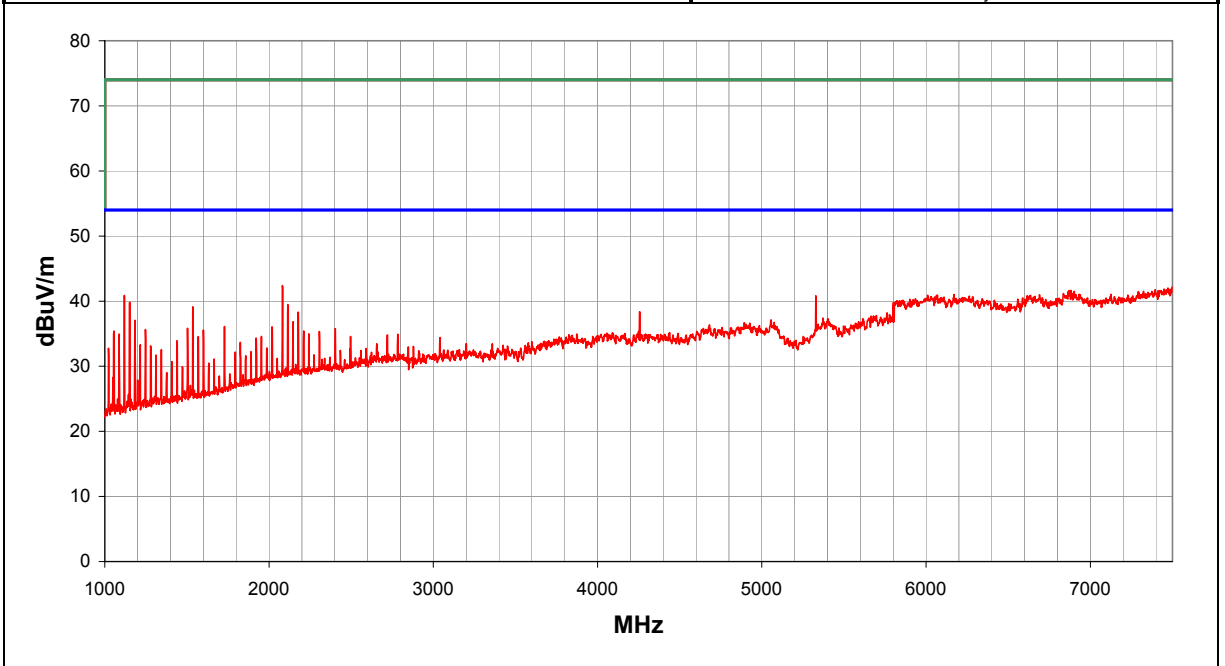
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>81</b>

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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d#3.00 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

<b>TEST SPECIFICATIONS</b>	
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

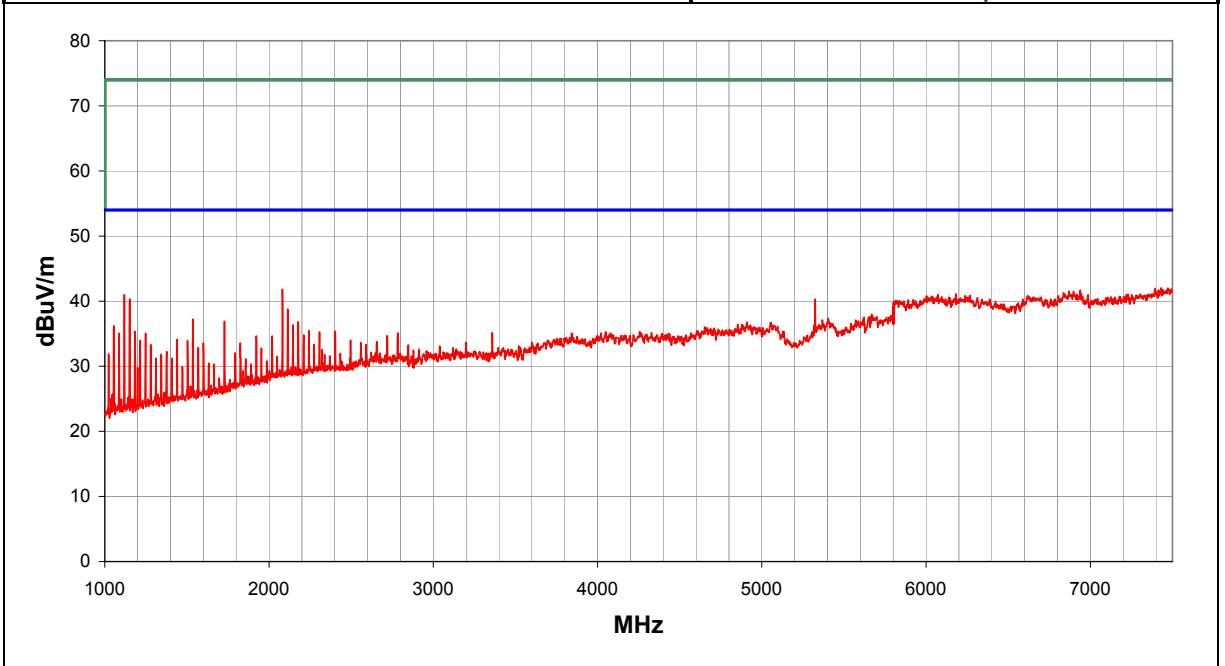
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/11/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>68</b>
Attendees: <b>None</b>		Humidity: <b>46%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Dave Tolman</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

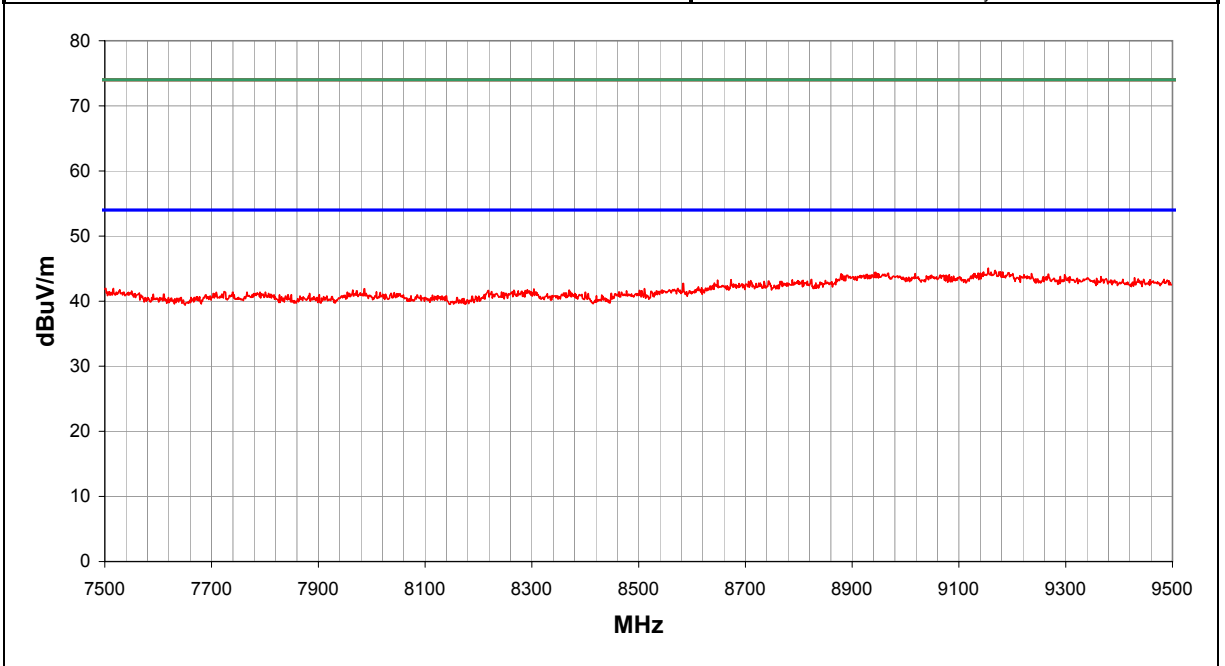
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>83</b>

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  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV d#3.00 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

<b>TEST SPECIFICATIONS</b>	
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

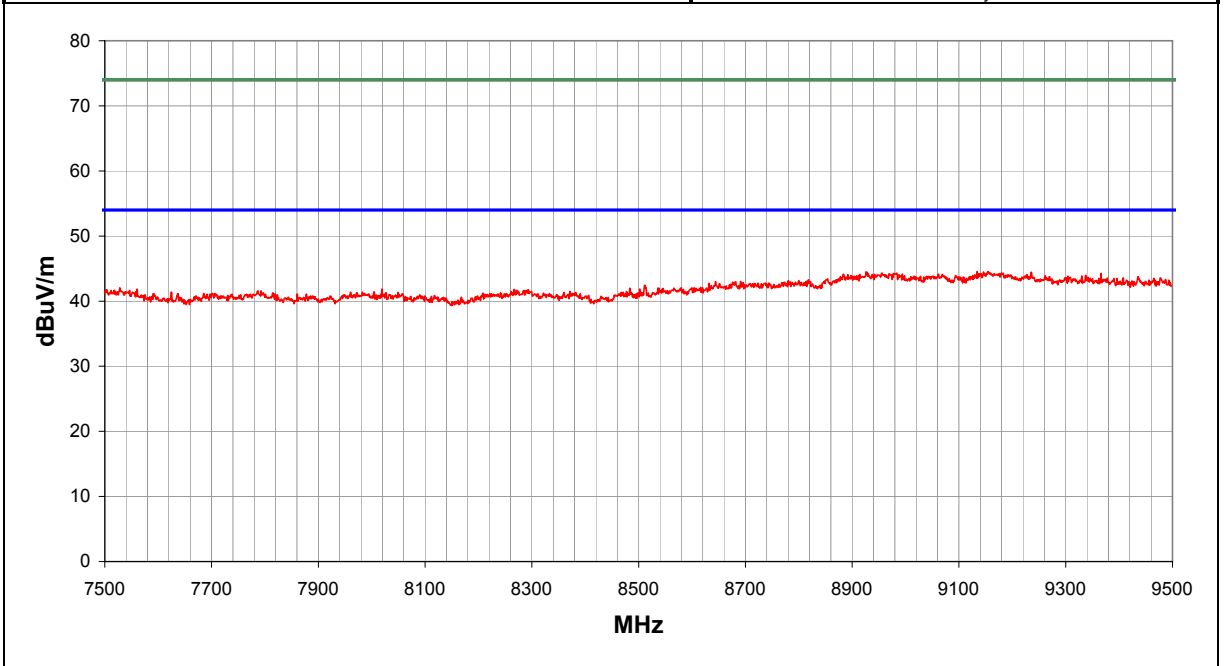
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	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

**EMC RADIATED EMISSIONS DATA SHEET**

REV d#3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/12/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>
Attendees: <b>None</b>		Humidity: <b>32%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

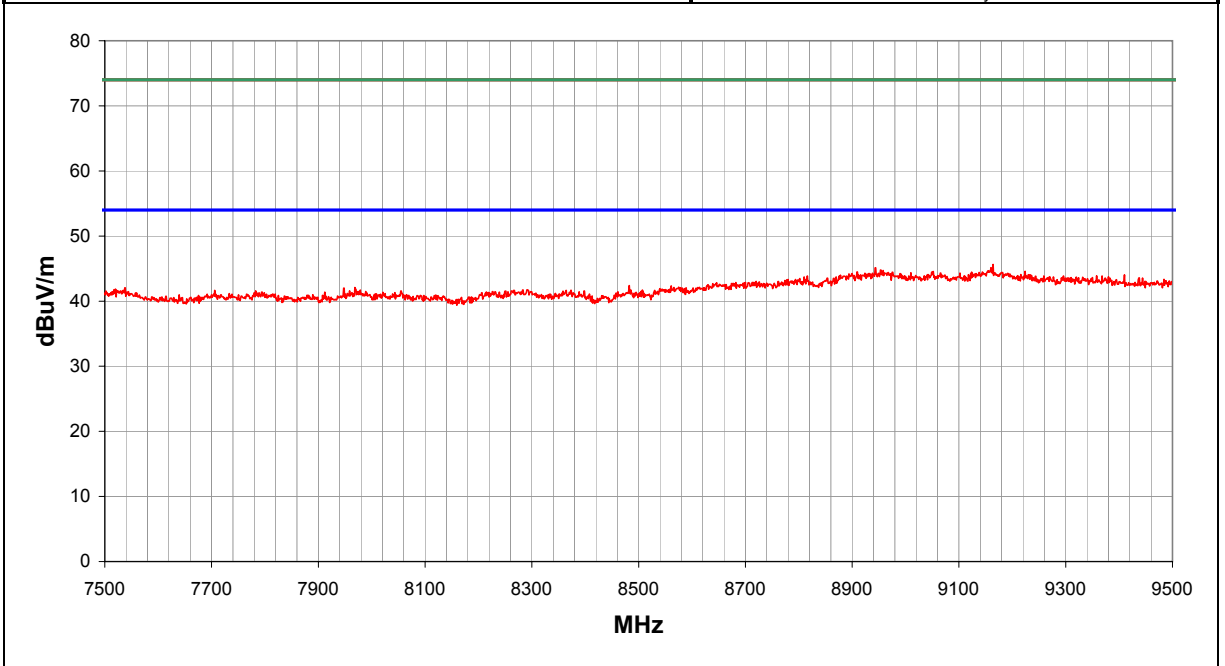
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>87</b>

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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/12/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>
Attendees: <b>None</b>		Humidity: <b>32%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

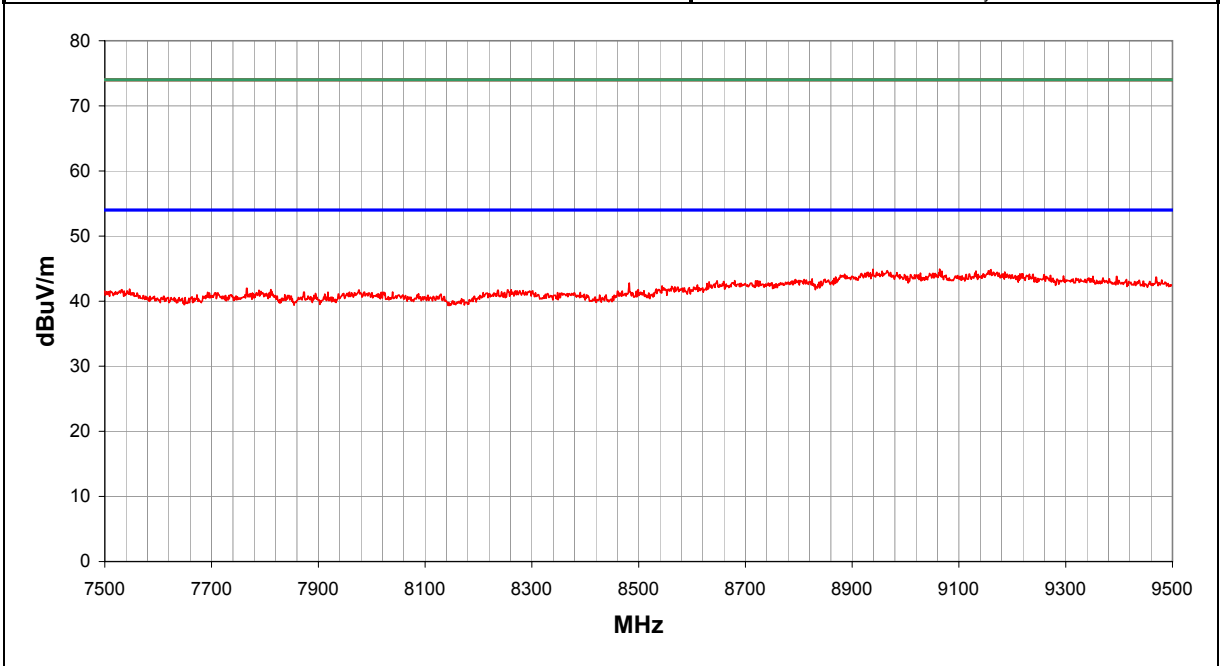
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>88</b>

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



**EMC RADIATED EMISSIONS DATA SHEET**

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/12/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>
Attendees: <b>None</b>		Humidity: <b>32%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

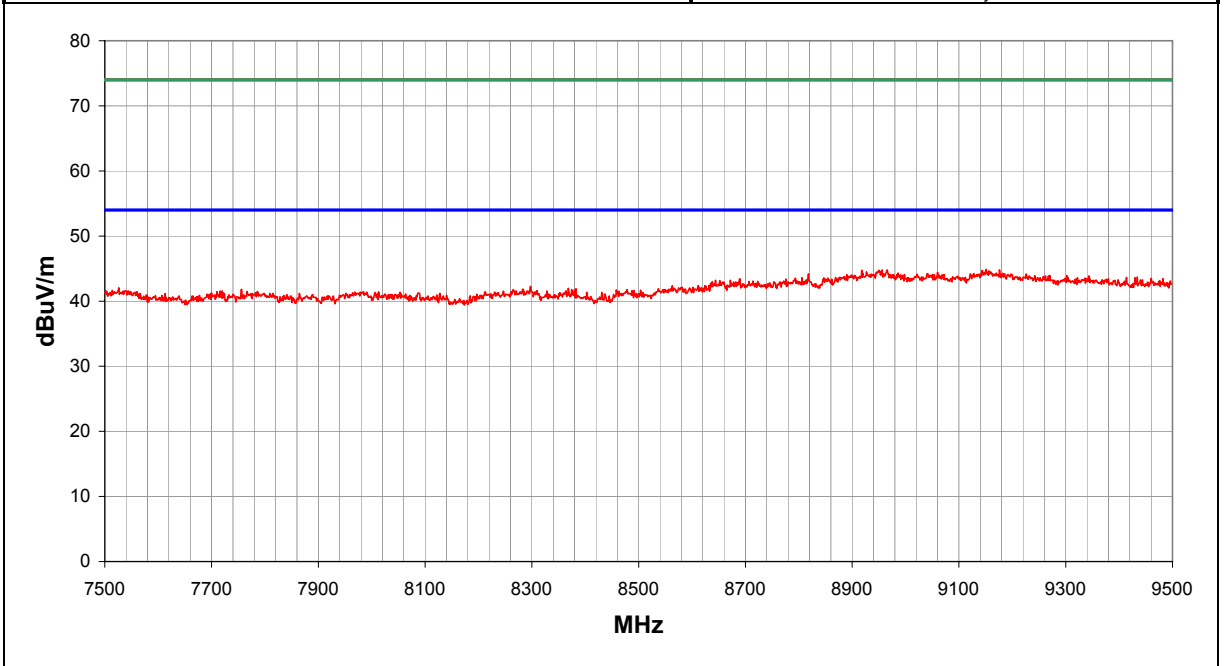
**EUT OPERATING MODES**  
 Transmitting on both radios

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	<b>3</b>	<b>89</b>

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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/12/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>
Attendees: <b>None</b>		Humidity: <b>32%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

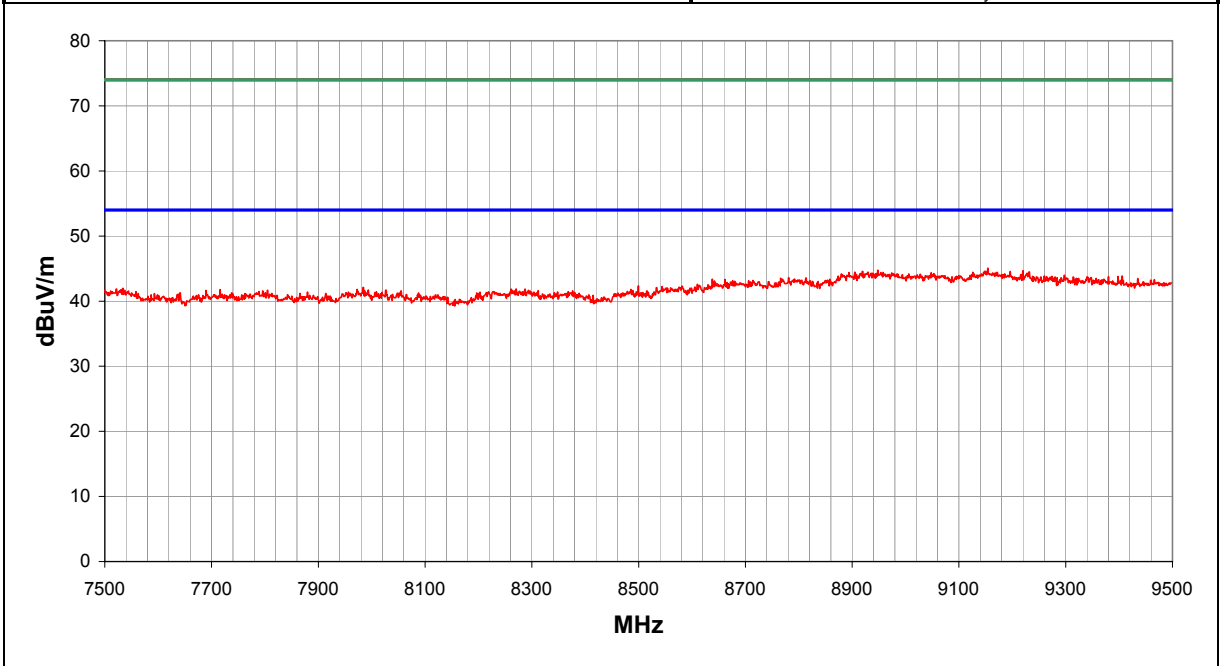
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>90</b>

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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>
Serial Number:		Date: <b>10/12/02</b>
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>
Attendees: <b>None</b>		Humidity: <b>32%</b>
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>
Tested by: <b>Dan Haas</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

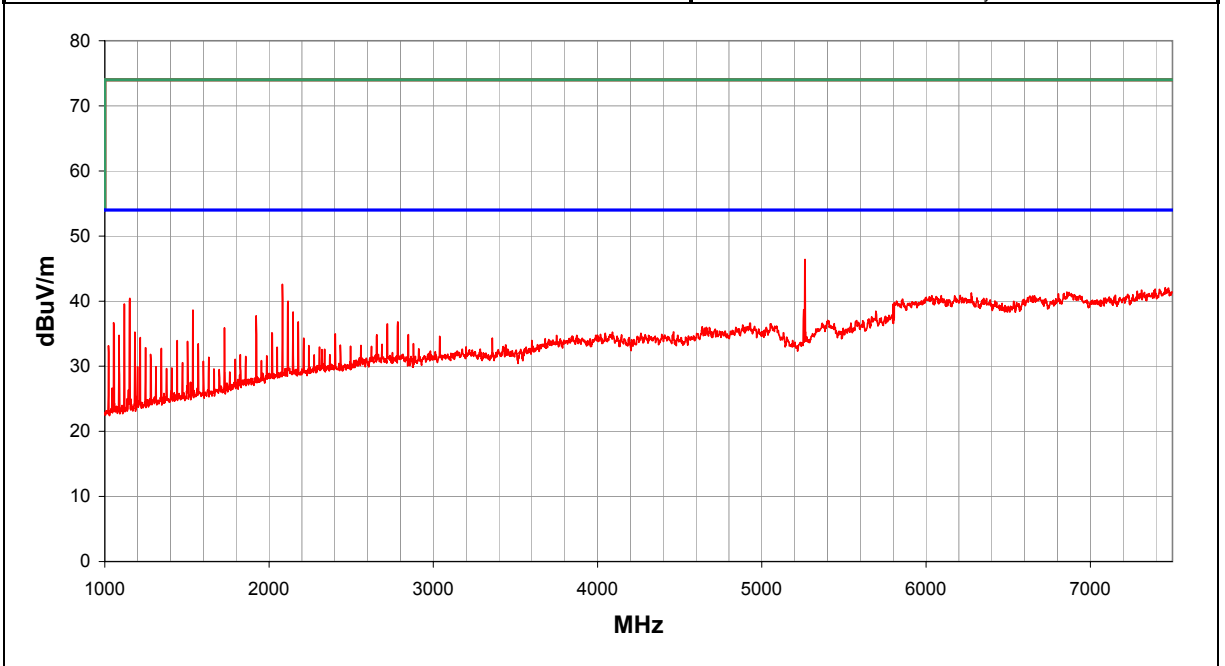
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>91</b>

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

**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df3.00  
08/20/2002

EUT: <b>WN-5MP01</b>		Work Order: <b>INMC0045</b>	
Serial Number:		Date: <b>10/12/02</b>	
Customer: <b>INTERMEC Corporation</b>		Temperature: <b>72</b>	
Attendees: <b>None</b>		Humidity: <b>32%</b>	
Cust. Ref. No.:		Barometric Pressure: <b>30.41</b>	
Tested by: <b>Dan Haas</b>	Power: <b>DC from E-net</b>	Job Site: <b>EV01</b>	

<b>TEST SPECIFICATIONS</b>	
Specification: <b>FCC Part 15.209</b>	Year: <b>2000</b>
Method: <b>ANSI C63.4</b>	Year: <b>1992</b>

**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

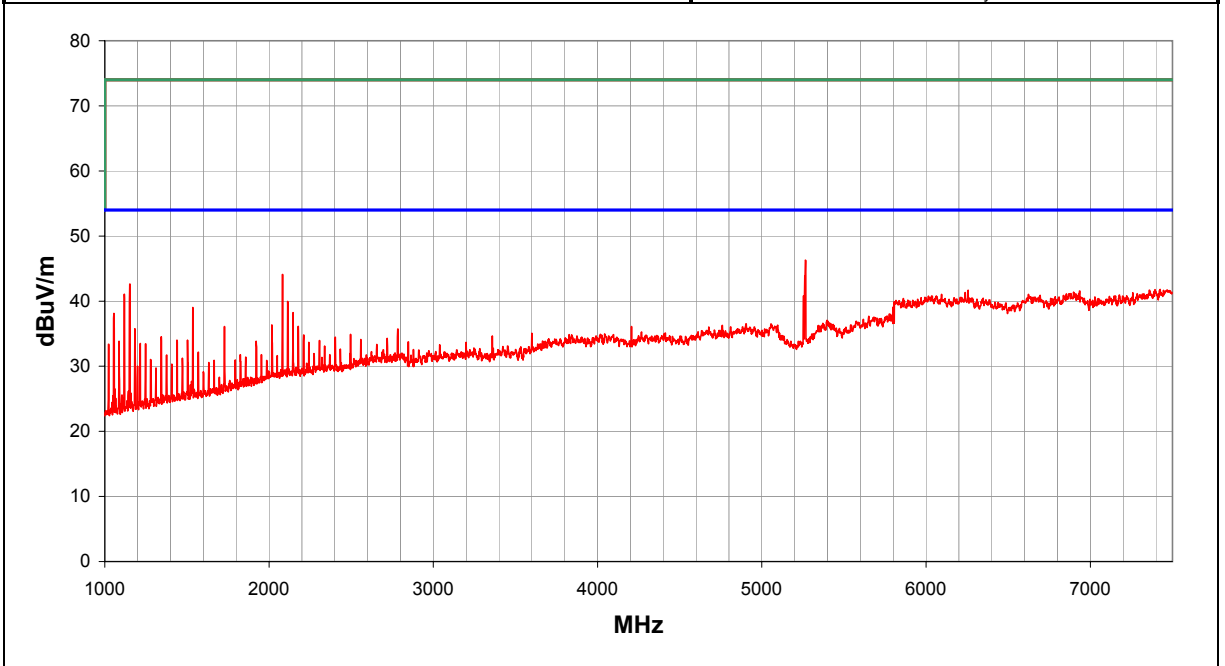
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	<b>3</b>	<b>92</b>

**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