

Exhibit Q: Spurious Radiated Emissions-RE Scans P1

FCC ID: HN2WN-5MP01

Radiated Emissions Scans

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC Part 15.209(a)		Year: 2000											
Method: ANSI C63.4		Year: 1992											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, integral antenna													
EUT OPERATING MODES													
Transmitting on radio a													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										3		1	
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)	
704.187	52.6	29.9	0.0	21.7	1.5	0.0	V		0.0	45.9	46.0	-0.1	
32.665	57.8	29.8	0.0	11.1	0.4	0.0	V		0.0	39.5	40.0	-0.5	
672.240	51.3	29.8	0.0	21.2	1.5	0.0	H		0.0	44.2	46.0	-1.8	
544.544	52.8	29.3	0.0	19.0	1.3	0.0	V		0.0	43.8	46.0	-2.2	
480.162	54.0	29.1	0.0	17.6	1.2	0.0	V		0.0	43.7	46.0	-2.3	
416.617	55.0	29.1	0.0	16.3	1.1	0.0	V		0.0	43.4	46.0	-2.6	
480.162	53.5	29.1	0.0	17.6	1.2	0.0	H		0.0	43.2	46.0	-2.8	
58.700	59.2	29.5	0.0	7.0	0.5	0.0	V		0.0	37.2	40.0	-2.8	
607.897	50.6	29.5	0.0	20.3	1.4	0.0	H		0.0	42.8	46.0	-3.2	
704.187	49.2	29.9	0.0	21.7	1.5	0.0	H		0.0	42.5	46.0	-3.5	
577.028	50.5	29.4	0.0	19.7	1.4	0.0	V		0.0	42.2	46.0	-3.8	
768.530	48.4	30.2	0.0	21.7	1.6	0.0	V		0.0	41.5	46.0	-4.5	
447.974	52.3	29.1	0.0	17.0	1.2	0.0	V		0.0	41.3	46.0	-4.7	
640.294	48.2	29.7	0.0	20.7	1.4	0.0	H		0.0	40.7	46.0	-5.3	
768.080	47.4	30.2	0.0	21.7	1.6	0.0	H		0.0	40.5	46.0	-5.5	
672.240	47.5	29.8	0.0	21.2	1.5	0.0	V		0.0	40.4	46.0	-5.6	
640.069	47.7	29.7	0.0	20.7	1.4	0.0	V		0.0	40.2	46.0	-5.8	
42.300	55.5	29.7	0.0	7.8	0.4	0.0	V		0.0	34.1	40.0	-5.9	
416.617	51.0	29.1	0.0	16.3	1.1	0.0	H		0.0	39.4	46.0	-6.6	
831.983	45.5	30.3	0.0	22.3	1.6	0.0	H		0.0	39.2	46.0	-6.8	
607.897	47.0	29.5	0.0	20.3	1.4	0.0	V		0.0	39.2	46.0	-6.8	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC Part 15.209(a)		Year: 2000											
Method: ANSI C63.4		Year: 1992											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Integral antenna													
EUT OPERATING MODES													
Radios off.													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												3	2
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	56.7	29.1	0.0	17.6	1.2	0.0	H		0.0	46.4	46.0	0.4	
704.187	52.9	29.9	0.0	21.7	1.5	0.0	V		0.0	46.2	46.0	0.2	
704.187	50.7	29.9	0.0	21.7	1.5	0.0	H		0.0	44.0	46.0	-2.0	
32.255	54.9	29.8	0.0	11.2	0.4	0.0	V		0.0	36.7	40.0	-3.3	
58.290	58.6	29.5	0.0	7.0	0.5	0.0	V		0.0	36.6	40.0	-3.4	
672.240	49.5	29.8	0.0	21.2	1.5	0.0	H		0.0	42.4	46.0	-3.6	
640.294	49.8	29.7	0.0	20.7	1.4	0.0	V		0.0	42.3	46.0	-3.7	
480.162	52.5	29.1	0.0	17.6	1.2	0.0	V		0.0	42.2	46.0	-3.8	
38.200	56.0	29.7	0.0	8.9	0.4	0.0	V		0.0	35.6	40.0	-4.4	
768.080	48.5	30.2	0.0	21.7	1.6	0.0	V		0.0	41.6	46.0	-4.4	
544.544	50.5	29.3	0.0	19.0	1.3	0.0	V		0.0	41.5	46.0	-4.5	
640.294	49.0	29.7	0.0	20.7	1.4	0.0	H		0.0	41.5	46.0	-4.5	
768.530	48.2	30.2	0.0	21.7	1.6	0.0	H		0.0	41.3	46.0	-4.7	
416.617	52.0	29.1	0.0	16.3	1.1	0.0	V		0.0	40.4	46.0	-5.6	
672.240	47.1	29.8	0.0	21.2	1.5	0.0	V		0.0	40.0	46.0	-6.0	
607.897	47.5	29.5	0.0	20.3	1.4	0.0	H		0.0	39.7	46.0	-6.3	
831.983	45.8	30.3	0.0	22.3	1.6	0.0	V		0.0	39.5	46.0	-6.5	
831.983	45.2	30.3	0.0	22.3	1.6	0.0	H		0.0	38.9	46.0	-7.1	
607.897	46.3	29.5	0.0	20.3	1.4	0.0	V		0.0	38.5	46.0	-7.5	
400.492	49.8	29.1	0.0	16.0	1.1	0.0	V		0.0	37.8	46.0	-8.2	
800.205	44.2	30.3	0.0	22.0	1.6	0.0	H		0.0	37.5	46.0	-8.5	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC Part 15.209(a)		Year: 2000											
Method: ANSI C63.4		Year: 1992											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, integral antenna													
EUT OPERATING MODES													
Transmitting on radio a													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										3		3	
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)	
32.460	57.6	29.8	0.0	11.1	0.4	0.0	V		0.0	39.4	40.0	-0.6	
480.162	55.4	29.1	0.0	17.6	1.2	0.0	H		0.0	45.1	46.0	-0.9	
704.187	51.8	29.9	0.0	21.7	1.5	0.0	V		0.0	45.1	46.0	-0.9	
57.880	60.0	29.5	0.0	7.0	0.5	0.0	V		0.0	38.0	40.0	-2.0	
704.187	50.2	29.9	0.0	21.7	1.5	0.0	H		0.0	43.5	46.0	-2.5	
672.240	50.5	29.8	0.0	21.2	1.5	0.0	H		0.0	43.4	46.0	-2.6	
544.544	52.0	29.3	0.0	19.0	1.3	0.0	V		0.0	43.0	46.0	-3.0	
416.617	54.3	29.1	0.0	16.3	1.1	0.0	V		0.0	42.7	46.0	-3.3	
768.080	49.1	30.2	0.0	21.7	1.6	0.0	V		0.0	42.2	46.0	-3.8	
768.080	48.9	30.2	0.0	21.7	1.6	0.0	H		0.0	42.0	46.0	-4.0	
607.897	49.3	29.5	0.0	20.3	1.4	0.0	H		0.0	41.5	46.0	-4.5	
672.240	48.5	29.8	0.0	21.2	1.5	0.0	V		0.0	41.4	46.0	-4.6	
40.660	56.5	29.7	0.0	8.1	0.4	0.0	V		0.0	35.3	40.0	-4.7	
607.897	48.6	29.5	0.0	20.3	1.4	0.0	V		0.0	40.8	46.0	-5.2	
640.069	48.3	29.7	0.0	20.7	1.4	0.0	H		0.0	40.8	46.0	-5.2	
480.162	50.6	29.1	0.0	17.6	1.2	0.0	V		0.0	40.3	46.0	-5.7	
577.028	48.4	29.4	0.0	19.7	1.4	0.0	V		0.0	40.1	46.0	-5.9	
639.844	47.2	29.7	0.0	20.7	1.4	0.0	V		0.0	39.7	46.0	-6.3	
831.983	45.7	30.3	0.0	22.3	1.6	0.0	V		0.0	39.4	46.0	-6.6	
416.617	51.0	29.1	0.0	16.3	1.1	0.0	H		0.0	39.4	46.0	-6.6	
831.983	45.6	30.3	0.0	22.3	1.6	0.0	H		0.0	39.3	46.0	-6.7	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC Part 15.209(a)		Year: 2000											
Method: ANSI C63.4		Year: 1992											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, integral antenna													
EUT OPERATING MODES													
Transmitting on radio a													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												3	4
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)	
32.460	57.8	29.8	0.0	11.1	0.4	0.0	V		0.0	39.6	40.0	-0.4	
403.717	56.4	29.1	0.0	16.1	1.1	0.0	V		0.0	44.5	46.0	-1.5	
480.162	54.7	29.1	0.0	17.6	1.2	0.0	H		0.0	44.4	46.0	-1.6	
544.544	53.2	29.3	0.0	19.0	1.3	0.0	V		0.0	44.2	46.0	-1.8	
704.187	50.5	29.9	0.0	21.7	1.5	0.0	V		0.0	43.8	46.0	-2.2	
59.110	59.7	29.5	0.0	7.1	0.5	0.0	V		0.0	37.7	40.0	-2.3	
704.187	50.1	29.9	0.0	21.7	1.5	0.0	H		0.0	43.4	46.0	-2.6	
65.670	58.2	29.5	0.0	7.8	0.5	0.0	V		0.0	37.0	40.0	-3.0	
416.617	54.6	29.1	0.0	16.3	1.1	0.0	H		0.0	43.0	46.0	-3.0	
607.897	50.7	29.5	0.0	20.3	1.4	0.0	H		0.0	42.9	46.0	-3.1	
672.240	49.9	29.8	0.0	21.2	1.5	0.0	H		0.0	42.8	46.0	-3.2	
416.617	54.0	29.1	0.0	16.3	1.1	0.0	V		0.0	42.4	46.0	-3.6	
672.240	48.6	29.8	0.0	21.2	1.5	0.0	V		0.0	41.5	46.0	-4.5	
640.294	48.9	29.7	0.0	20.7	1.4	0.0	V		0.0	41.4	46.0	-4.6	
831.983	47.6	30.3	0.0	22.3	1.6	0.0	H		0.0	41.3	46.0	-4.7	
768.530	48.0	30.2	0.0	21.7	1.6	0.0	V		0.0	41.1	46.0	-4.9	
192.361	56.2	29.2	0.0	10.2	0.8	0.0	H		0.0	38.0	43.0	-5.0	
544.544	49.9	29.3	0.0	19.0	1.3	0.0	H		0.0	40.9	46.0	-5.1	
41.070	55.9	29.7	0.0	8.0	0.4	0.0	V		0.0	34.7	40.0	-5.3	
768.080	47.1	30.2	0.0	21.7	1.6	0.0	H		0.0	40.2	46.0	-5.8	
640.069	47.6	29.7	0.0	20.7	1.4	0.0	H		0.0	40.1	46.0	-5.9	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC Part 15.209(a)										Year: 2000			
Method: ANSI C63.4										Year: 1992			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, ceiling mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS										Test Distance (m)		Run #	
Evaluation										3		5	
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)	
544.544	56.9	29.3	0.0	19.0	1.3	0.0	V		0.0	47.9	46.0	1.9	
480.162	57.4	29.1	0.0	17.6	1.2	0.0	H		0.0	47.1	46.0	1.1	
416.617	58.6	29.1	0.0	16.3	1.1	0.0	V		0.0	47.0	46.0	1.0	
704.187	52.9	29.9	0.0	21.7	1.5	0.0	V		0.0	46.2	46.0	0.2	
32.460	57.7	29.8	0.0	11.1	0.4	0.0	V		0.0	39.5	40.0	-0.5	
512.640	54.9	29.2	0.0	18.3	1.3	0.0	V		0.0	45.3	46.0	-0.7	
416.617	56.7	29.1	0.0	16.3	1.1	0.0	H		0.0	45.1	46.0	-0.9	
576.738	53.3	29.4	0.0	19.7	1.4	0.0	V		0.0	44.9	46.0	-1.1	
447.829	55.6	29.1	0.0	17.0	1.2	0.0	H		0.0	44.6	46.0	-1.4	
447.829	55.4	29.1	0.0	17.0	1.2	0.0	V		0.0	44.4	46.0	-1.6	
64.030	59.6	29.5	0.0	7.6	0.5	0.0	V		0.0	38.2	40.0	-1.8	
58.290	60.2	29.5	0.0	7.0	0.5	0.0	V		0.0	38.2	40.0	-1.8	
640.294	51.6	29.7	0.0	20.7	1.4	0.0	H		0.0	44.1	46.0	-1.9	
410.167	55.8	29.1	0.0	16.2	1.1	0.0	V		0.0	44.0	46.0	-2.0	
480.162	54.0	29.1	0.0	17.6	1.2	0.0	V		0.0	43.7	46.0	-2.3	
512.350	53.3	29.1	0.0	18.3	1.3	0.0	H		0.0	43.7	46.0	-2.3	
640.294	51.1	29.7	0.0	20.7	1.4	0.0	V		0.0	43.6	46.0	-2.4	
544.544	52.5	29.3	0.0	19.0	1.3	0.0	H		0.0	43.5	46.0	-2.5	
607.897	50.2	29.5	0.0	20.3	1.4	0.0	H		0.0	42.4	46.0	-3.6	
192.361	57.6	29.2	0.0	10.2	0.8	0.0	H		0.0	39.4	43.0	-3.6	
672.240	49.1	29.8	0.0	21.2	1.5	0.0	H		0.0	42.0	46.0	-4.0	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC Part 15.209(a)										Year: 2000			
Method: ANSI C63.4										Year: 1992			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, ceiling mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										3		6	
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)	
416.617	59.9	29.1	0.0	16.3	1.1	0.0	V		0.0	48.3	46.0	2.3	
544.544	56.0	29.3	0.0	19.0	1.3	0.0	V		0.0	47.0	46.0	1.0	
480.162	56.7	29.1	0.0	17.6	1.2	0.0	H		0.0	46.4	46.0	0.4	
704.187	52.5	29.9	0.0	21.7	1.5	0.0	V		0.0	45.8	46.0	-0.2	
32.050	57.7	29.8	0.0	11.3	0.4	0.0	V		0.0	39.6	40.0	-0.4	
512.350	55.1	29.1	0.0	18.3	1.3	0.0	V		0.0	45.5	46.0	-0.5	
447.829	56.0	29.1	0.0	17.0	1.2	0.0	H		0.0	45.0	46.0	-1.0	
480.452	55.0	29.1	0.0	17.6	1.2	0.0	V		0.0	44.7	46.0	-1.3	
577.028	53.0	29.4	0.0	19.7	1.4	0.0	V		0.0	44.7	46.0	-1.3	
57.880	60.6	29.5	0.0	7.0	0.5	0.0	V		0.0	38.6	40.0	-1.4	
65.670	59.3	29.5	0.0	7.8	0.5	0.0	V		0.0	38.1	40.0	-1.9	
448.264	55.1	29.1	0.0	17.0	1.2	0.0	V		0.0	44.1	46.0	-1.9	
640.294	51.3	29.7	0.0	20.7	1.4	0.0	H		0.0	43.8	46.0	-2.2	
607.897	51.5	29.5	0.0	20.3	1.4	0.0	H		0.0	43.7	46.0	-2.3	
544.834	52.5	29.3	0.0	19.0	1.3	0.0	H		0.0	43.5	46.0	-2.5	
512.350	52.1	29.1	0.0	18.3	1.3	0.0	H		0.0	42.5	46.0	-3.5	
640.294	49.8	29.7	0.0	20.7	1.4	0.0	V		0.0	42.3	46.0	-3.7	
672.240	49.3	29.8	0.0	21.2	1.5	0.0	H		0.0	42.2	46.0	-3.8	
416.617	53.0	29.1	0.0	16.3	1.1	0.0	H		0.0	41.4	46.0	-4.6	
768.530	48.2	30.2	0.0	21.7	1.6	0.0	V		0.0	41.3	46.0	-4.7	
704.187	47.5	29.9	0.0	21.7	1.5	0.0	H		0.0	40.8	46.0	-5.2	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC Part 15.209(a)		Year: 2000											
Method: ANSI C63.4		Year: 1992											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, ceiling mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												3	7
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
416.617	60.4	29.1	0.0	16.3	1.1	0.0	V		0.0	48.8	46.0	2.8	
544.544	56.8	29.3	0.0	19.0	1.3	0.0	V		0.0	47.8	46.0	1.8	
480.162	57.3	29.1	0.0	17.6	1.2	0.0	H		0.0	47.0	46.0	1.0	
32.050	58.3	29.8	0.0	11.3	0.4	0.0	V		0.0	40.2	40.0	0.2	
704.187	52.2	29.9	0.0	21.7	1.5	0.0	V		0.0	45.5	46.0	-0.5	
447.829	56.3	29.1	0.0	17.0	1.2	0.0	H		0.0	45.3	46.0	-0.7	
512.640	54.6	29.2	0.0	18.3	1.3	0.0	V		0.0	45.0	46.0	-1.0	
577.028	53.3	29.4	0.0	19.7	1.4	0.0	V		0.0	45.0	46.0	-1.0	
640.294	52.4	29.7	0.0	20.7	1.4	0.0	H		0.0	44.9	46.0	-1.1	
416.617	56.4	29.1	0.0	16.3	1.1	0.0	H		0.0	44.8	46.0	-1.2	
447.829	55.5	29.1	0.0	17.0	1.2	0.0	V		0.0	44.5	46.0	-1.5	
57.470	60.5	29.5	0.0	7.0	0.5	0.0	V		0.0	38.4	40.0	-1.6	
410.167	56.1	29.1	0.0	16.2	1.1	0.0	H		0.0	44.3	46.0	-1.7	
480.162	54.4	29.1	0.0	17.6	1.2	0.0	V		0.0	44.1	46.0	-1.9	
640.294	51.4	29.7	0.0	20.7	1.4	0.0	V		0.0	43.9	46.0	-2.1	
544.544	51.8	29.3	0.0	19.0	1.3	0.0	H		0.0	42.8	46.0	-3.2	
512.640	52.2	29.2	0.0	18.3	1.3	0.0	H		0.0	42.6	46.0	-3.4	
672.240	49.6	29.8	0.0	21.2	1.5	0.0	H		0.0	42.5	46.0	-3.5	
576.738	50.3	29.4	0.0	19.7	1.4	0.0	H		0.0	41.9	46.0	-4.1	
704.187	48.3	29.9	0.0	21.7	1.5	0.0	H		0.0	41.6	46.0	-4.4	
473.782	51.9	29.1	0.0	17.5	1.2	0.0	V		0.0	41.5	46.0	-4.5	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC Part 15.209(a)		Year: 2000											
Method: ANSI C63.4		Year: 1992											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												3	8
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
480.162	55.9	29.1	0.0	17.6	1.2	0.0	H		0.0	45.6	46.0	-0.4	
64.030	60.4	29.5	0.0	7.6	0.5	0.0	V		0.0	39.0	40.0	-1.0	
704.187	51.5	29.9	0.0	21.7	1.5	0.0	V		0.0	44.8	46.0	-1.2	
57.470	60.5	29.5	0.0	7.0	0.5	0.0	V		0.0	38.4	40.0	-1.6	
416.617	55.7	29.1	0.0	16.3	1.1	0.0	V		0.0	44.1	46.0	-1.9	
442.416	54.3	29.1	0.0	16.8	1.2	0.0	V		0.0	43.2	46.0	-2.8	
607.897	50.9	29.5	0.0	20.3	1.4	0.0	H		0.0	43.1	46.0	-2.9	
704.187	49.7	29.9	0.0	21.7	1.5	0.0	H		0.0	43.0	46.0	-3.0	
480.162	52.7	29.1	0.0	17.6	1.2	0.0	V		0.0	42.4	46.0	-3.6	
640.294	49.7	29.7	0.0	20.7	1.4	0.0	H		0.0	42.2	46.0	-3.8	
672.240	49.1	29.8	0.0	21.2	1.5	0.0	H		0.0	42.0	46.0	-4.0	
544.544	50.8	29.3	0.0	19.0	1.3	0.0	V		0.0	41.8	46.0	-4.2	
640.069	49.2	29.7	0.0	20.7	1.4	0.0	V		0.0	41.7	46.0	-4.3	
736.133	48.4	30.0	0.0	21.6	1.5	0.0	H		0.0	41.4	46.0	-4.6	
576.738	49.8	29.4	0.0	19.7	1.4	0.0	V		0.0	41.4	46.0	-4.6	
416.617	53.0	29.1	0.0	16.3	1.1	0.0	H		0.0	41.4	46.0	-4.6	
442.201	52.4	29.1	0.0	16.8	1.2	0.0	V		0.0	41.3	46.0	-4.7	
736.133	48.2	30.0	0.0	21.6	1.5	0.0	V		0.0	41.2	46.0	-4.8	
768.530	48.1	30.2	0.0	21.7	1.6	0.0	V		0.0	41.2	46.0	-4.8	
800.000	47.5	30.3	0.0	22.0	1.6	0.0	H		0.0	40.8	46.0	-5.2	
800.205	47.4	30.3	0.0	22.0	1.6	0.0	H		0.0	40.7	46.0	-5.3	

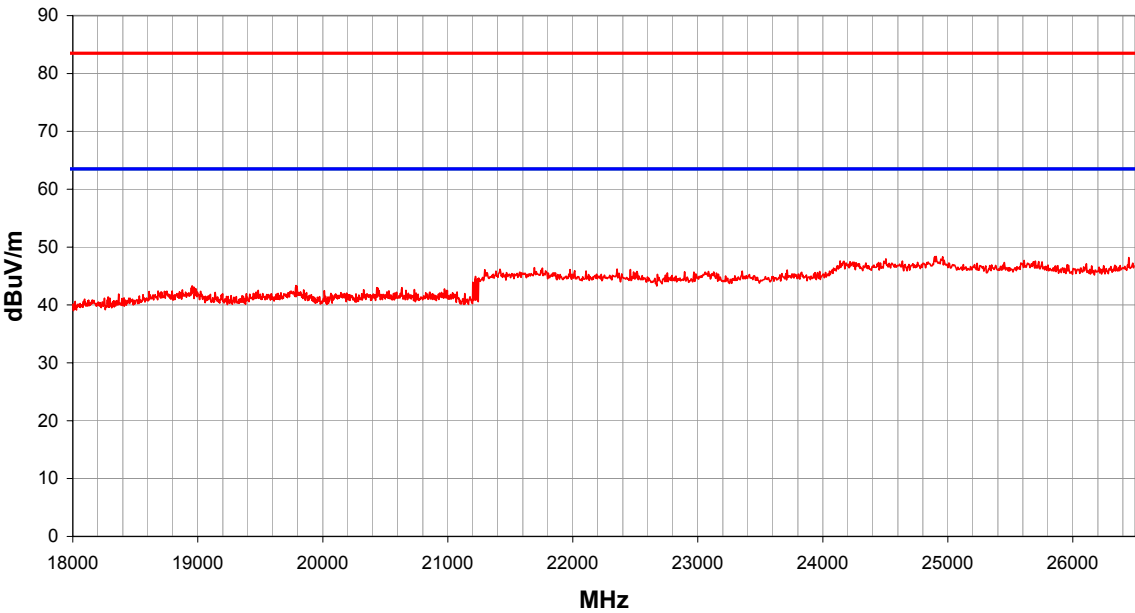
NORTHWEST EMC										RADIATED EMISSIONS DATA SHEET				REV df2.05 07/31/2002	
EUT: WN-5MP01								Work Order: INMC0024							
Serial Number:								Date: 8/12/02							
Customer: INTERMEC Corporation								Temperature: 77							
Attendees: None								Humidity: 37%							
Cust. Ref. No.:								Barometric Pressure: 30.11							
Tested by: Rod Peloquin				Power: DC from E-net				Job Site: EV01							
TEST SPECIFICATIONS															
Specification: FCC Part 15.209(a)								Year: 2000							
Method: ANSI C63.4								Year: 1992							
SAMPLE CALCULATIONS															
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation															
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator															
COMMENTS															
Mid channel, corner mount antenna															
EUT OPERATING MODES															
Transmitting on radio b															
DEVIATIONS FROM TEST STANDARD															
No deviations.															
RESULTS															
								Test Distance (m)		Run #					
Evaluation								3		9					
Other															
Tested By: _____															
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)			
576.738	55.3	29.4	0.0	19.7	1.4	0.0	V		0.0	46.9	46.0	0.9			
480.162	55.6	29.1	0.0	17.6	1.2	0.0	H		0.0	45.3	46.0	-0.7			
704.187	51.3	29.9	0.0	21.7	1.5	0.0	V		0.0	44.6	46.0	-1.4			
416.617	56.2	29.1	0.0	16.3	1.1	0.0	V		0.0	44.6	46.0	-1.4			
64.030	59.9	29.5	0.0	7.6	0.5	0.0	V		0.0	38.5	40.0	-1.5			
56.650	60.3	29.5	0.0	6.9	0.5	0.0	V		0.0	38.2	40.0	-1.8			
704.187	50.4	29.9	0.0	21.7	1.5	0.0	H		0.0	43.7	46.0	-2.3			
544.544	51.9	29.3	0.0	19.0	1.3	0.0	V		0.0	42.9	46.0	-3.1			
607.897	50.6	29.5	0.0	20.3	1.4	0.0	H		0.0	42.8	46.0	-3.2			
480.162	53.0	29.1	0.0	17.6	1.2	0.0	V		0.0	42.7	46.0	-3.3			
640.069	49.6	29.7	0.0	20.7	1.4	0.0	H		0.0	42.1	46.0	-3.9			
640.294	49.5	29.7	0.0	20.7	1.4	0.0	V		0.0	42.0	46.0	-4.0			
416.617	53.3	29.1	0.0	16.3	1.1	0.0	H		0.0	41.7	46.0	-4.3			
736.133	48.5	30.0	0.0	21.6	1.5	0.0	H		0.0	41.5	46.0	-4.5			
736.133	48.4	30.0	0.0	21.6	1.5	0.0	V		0.0	41.4	46.0	-4.6			
672.240	48.3	29.8	0.0	21.2	1.5	0.0	H		0.0	41.2	46.0	-4.8			
768.080	48.0	30.2	0.0	21.7	1.6	0.0	V		0.0	41.1	46.0	-4.9			
768.080	47.0	30.2	0.0	21.7	1.6	0.0	H		0.0	40.1	46.0	-5.9			
32.255	51.7	29.8	0.0	11.2	0.4	0.0	V		0.0	33.5	40.0	-6.5			
192.361	54.6	29.2	0.0	10.2	0.8	0.0	H		0.0	36.4	43.0	-6.6			
800.476	45.9	30.3	0.0	22.0	1.6	0.0	V		0.0	39.2	46.0	-6.8			

NORTHWEST EMC										RADIATED EMISSIONS DATA SHEET				REV df2.05 07/31/2002	
EUT: WN-5MP01								Work Order: INMC0024							
Serial Number:								Date: 8/12/02							
Customer: INTERMEC Corporation								Temperature: 77							
Attendees: None								Humidity: 37%							
Cust. Ref. No.:								Barometric Pressure: 30.11							
Tested by: Rod Peloquin						Power: DC from E-net		Job Site: EV01							
TEST SPECIFICATIONS															
Specification: FCC Part 15.209(a)								Year: 2000							
Method: ANSI C63.4								Year: 1992							
SAMPLE CALCULATIONS															
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation															
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator															
COMMENTS															
High channel, corner mount antenna															
EUT OPERATING MODES															
Transmitting on radio b															
DEVIATIONS FROM TEST STANDARD															
No deviations.															
RESULTS															
								Test Distance (m)		Run #					
Evaluation								3		10					
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	55.8	29.1	0.0	17.6	1.2	0.0	H		0.0	45.5	46.0	-0.5			
704.187	51.9	29.9	0.0	21.7	1.5	0.0	V		0.0	45.2	46.0	-0.8			
57.060	60.6	29.5	0.0	7.0	0.5	0.0	V		0.0	38.5	40.0	-1.5			
64.440	59.6	29.5	0.0	7.7	0.5	0.0	V		0.0	38.3	40.0	-1.7			
704.187	50.7	29.9	0.0	21.7	1.5	0.0	H		0.0	44.0	46.0	-2.0			
416.617	55.5	29.1	0.0	16.3	1.1	0.0	V		0.0	43.9	46.0	-2.1			
607.897	50.9	29.5	0.0	20.3	1.4	0.0	H		0.0	43.1	46.0	-2.9			
480.162	52.9	29.1	0.0	17.6	1.2	0.0	V		0.0	42.6	46.0	-3.4			
416.617	54.0	29.1	0.0	16.3	1.1	0.0	H		0.0	42.4	46.0	-3.6			
640.069	49.7	29.7	0.0	20.7	1.4	0.0	V		0.0	42.2	46.0	-3.8			
736.133	49.1	30.0	0.0	21.6	1.5	0.0	H		0.0	42.1	46.0	-3.9			
576.738	50.5	29.4	0.0	19.7	1.4	0.0	V		0.0	42.1	46.0	-3.9			
544.544	51.1	29.3	0.0	19.0	1.3	0.0	V		0.0	42.1	46.0	-3.9			
672.015	48.9	29.8	0.0	21.2	1.5	0.0	H		0.0	41.8	46.0	-4.2			
640.294	49.3	29.7	0.0	20.7	1.4	0.0	H		0.0	41.8	46.0	-4.2			
736.133	48.7	30.0	0.0	21.6	1.5	0.0	V		0.0	41.7	46.0	-4.3			
768.080	48.0	30.2	0.0	21.7	1.6	0.0	V		0.0	41.1	46.0	-4.9			
454.354	51.7	29.1	0.0	17.1	1.2	0.0	V		0.0	40.9	46.0	-5.1			
768.080	47.7	30.2	0.0	21.7	1.6	0.0	H		0.0	40.8	46.0	-5.2			
32.460	52.5	29.8	0.0	11.1	0.4	0.0	V		0.0	34.3	40.0	-5.7			
800.251	46.4	30.3	0.0	22.0	1.6	0.0	V		0.0	39.7	46.0	-6.3			

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC Part 15.209(a)		Year: 2000											
Method: ANSI C63.4		Year: 1992											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, omni antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												3	11
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
441.885	58.2	29.1	0.0	16.8	1.2	0.0	V		0.0	47.1	46.0	1.1	
441.740	57.6	29.1	0.0	16.8	1.2	0.0	V		0.0	46.5	46.0	0.5	
63.210	61.9	29.5	0.0	7.5	0.5	0.0	V		0.0	40.4	40.0	0.4	
704.187	52.6	29.9	0.0	21.7	1.5	0.0	V		0.0	45.9	46.0	-0.1	
640.294	52.2	29.7	0.0	20.7	1.4	0.0	V		0.0	44.7	46.0	-1.3	
480.162	53.5	29.1	0.0	17.6	1.2	0.0	V		0.0	43.2	46.0	-2.8	
416.617	54.5	29.1	0.0	16.3	1.1	0.0	V		0.0	42.9	46.0	-3.1	
576.738	51.0	29.4	0.0	19.7	1.4	0.0	V		0.0	42.6	46.0	-3.4	
544.544	51.4	29.3	0.0	19.0	1.3	0.0	V		0.0	42.4	46.0	-3.6	
32.255	54.3	29.8	0.0	11.2	0.4	0.0	V		0.0	36.1	40.0	-3.9	
480.162	52.4	29.1	0.0	17.6	1.2	0.0	H		0.0	42.1	46.0	-3.9	
704.187	48.1	29.9	0.0	21.7	1.5	0.0	H		0.0	41.4	46.0	-4.6	
736.133	48.0	30.0	0.0	21.6	1.5	0.0	H		0.0	41.0	46.0	-5.0	
768.080	47.8	30.2	0.0	21.7	1.6	0.0	V		0.0	40.9	46.0	-5.1	
416.617	52.5	29.1	0.0	16.3	1.1	0.0	H		0.0	40.9	46.0	-5.1	
800.205	47.5	30.3	0.0	22.0	1.6	0.0	H		0.0	40.8	46.0	-5.2	
736.133	47.6	30.0	0.0	21.6	1.5	0.0	V		0.0	40.6	46.0	-5.4	
800.000	47.3	30.3	0.0	22.0	1.6	0.0	H		0.0	40.6	46.0	-5.4	
672.240	47.6	29.8	0.0	21.2	1.5	0.0	H		0.0	40.5	46.0	-5.5	
672.240	47.6	29.8	0.0	21.2	1.5	0.0	V		0.0	40.5	46.0	-5.5	
640.069	48.0	29.7	0.0	20.7	1.4	0.0	H		0.0	40.5	46.0	-5.5	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC Part 15.209(a)		Year: 2000											
Method: ANSI C63.4		Year: 1992											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, omni antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												3	12
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
544.544	57.8	29.3	0.0	19.0	1.3	0.0	V		0.0	48.8	46.0	2.8	
62.800	61.7	29.5	0.0	7.5	0.5	0.0	V		0.0	40.2	40.0	0.2	
441.885	56.5	29.1	0.0	16.8	1.2	0.0	V		0.0	45.4	46.0	-0.6	
704.187	52.1	29.9	0.0	21.7	1.5	0.0	V		0.0	45.4	46.0	-0.6	
441.740	56.4	29.1	0.0	16.8	1.2	0.0	V		0.0	45.3	46.0	-0.7	
640.294	51.6	29.7	0.0	20.7	1.4	0.0	V		0.0	44.1	46.0	-1.9	
416.617	55.0	29.1	0.0	16.3	1.1	0.0	V		0.0	43.4	46.0	-2.6	
576.738	51.1	29.4	0.0	19.7	1.4	0.0	V		0.0	42.7	46.0	-3.3	
480.162	53.0	29.1	0.0	17.6	1.2	0.0	V		0.0	42.7	46.0	-3.3	
704.187	48.9	29.9	0.0	21.7	1.5	0.0	H		0.0	42.2	46.0	-3.8	
640.294	49.7	29.7	0.0	20.7	1.4	0.0	H		0.0	42.2	46.0	-3.8	
480.162	52.1	29.1	0.0	17.6	1.2	0.0	H		0.0	41.8	46.0	-4.2	
416.617	52.9	29.1	0.0	16.3	1.1	0.0	H		0.0	41.3	46.0	-4.7	
736.133	47.5	30.0	0.0	21.6	1.5	0.0	V		0.0	40.5	46.0	-5.5	
800.205	47.2	30.3	0.0	22.0	1.6	0.0	H		0.0	40.5	46.0	-5.5	
736.133	47.1	30.0	0.0	21.6	1.5	0.0	H		0.0	40.1	46.0	-5.9	
768.530	47.0	30.2	0.0	21.7	1.6	0.0	V		0.0	40.1	46.0	-5.9	
800.000	46.6	30.3	0.0	22.0	1.6	0.0	H		0.0	39.9	46.0	-6.1	
32.050	51.9	29.8	0.0	11.3	0.4	0.0	V		0.0	33.8	40.0	-6.2	
768.080	46.6	30.2	0.0	21.7	1.6	0.0	H		0.0	39.7	46.0	-6.3	
800.410	46.3	30.3	0.0	22.0	1.6	0.0	H		0.0	39.6	46.0	-6.4	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC Part 15.209(a)		Year: 2000											
Method: ANSI C63.4		Year: 1992											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, omni antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												3	13
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
61.980	61.9	29.5	0.0	7.4	0.5	0.0	V		0.0	40.2	40.0	0.2	
704.187	51.9	29.9	0.0	21.7	1.5	0.0	V		0.0	45.2	46.0	-0.8	
480.162	54.9	29.1	0.0	17.6	1.2	0.0	V		0.0	44.6	46.0	-1.4	
416.617	55.2	29.1	0.0	16.3	1.1	0.0	V		0.0	43.6	46.0	-2.4	
576.738	51.5	29.4	0.0	19.7	1.4	0.0	V		0.0	43.1	46.0	-2.9	
544.544	52.1	29.3	0.0	19.0	1.3	0.0	V		0.0	43.1	46.0	-2.9	
704.187	49.0	29.9	0.0	21.7	1.5	0.0	H		0.0	42.3	46.0	-3.7	
736.133	49.0	30.0	0.0	21.6	1.5	0.0	V		0.0	42.0	46.0	-4.0	
480.162	52.2	29.1	0.0	17.6	1.2	0.0	H		0.0	41.9	46.0	-4.1	
640.069	49.2	29.7	0.0	20.7	1.4	0.0	V		0.0	41.7	46.0	-4.3	
640.294	49.1	29.7	0.0	20.7	1.4	0.0	H		0.0	41.6	46.0	-4.4	
416.617	53.2	29.1	0.0	16.3	1.1	0.0	H		0.0	41.6	46.0	-4.4	
768.530	48.0	30.2	0.0	21.7	1.6	0.0	V		0.0	41.1	46.0	-4.9	
800.205	46.8	30.3	0.0	22.0	1.6	0.0	H		0.0	40.1	46.0	-5.9	
736.133	46.8	30.0	0.0	21.6	1.5	0.0	H		0.0	39.8	46.0	-6.2	
32.255	51.9	29.8	0.0	11.2	0.4	0.0	V		0.0	33.7	40.0	-6.3	
672.240	46.8	29.8	0.0	21.2	1.5	0.0	H		0.0	39.7	46.0	-6.3	
800.000	46.3	30.3	0.0	22.0	1.6	0.0	H		0.0	39.6	46.0	-6.4	
768.530	46.5	30.2	0.0	21.7	1.6	0.0	H		0.0	39.6	46.0	-6.4	
192.361	54.6	29.2	0.0	10.2	0.8	0.0	H		0.0	36.4	43.0	-6.6	
800.410	46.0	30.3	0.0	22.0	1.6	0.0	H		0.0	39.3	46.0	-6.7	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, omni antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										1		14	
Other													
Tested By: _____													
													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
24906.450	36.8	36.3	0.0	40.4	7.4	0.0	V		0.0	48.4	83.5	-35.1	
24895.860	36.8	36.3	0.0	40.4	7.4	0.0	H		0.0	48.4	83.5	-35.1	
26447.270	35.0	35.1	0.0	40.5	7.8	0.0	H		0.0	48.2	83.5	-35.3	
24504.030	36.7	36.3	0.0	40.4	7.2	0.0	H		0.0	48.0	83.5	-35.5	
25610.670	35.4	35.8	0.0	40.5	7.6	0.0	H		0.0	47.7	83.5	-35.8	
25727.160	35.1	35.7	0.0	40.5	7.6	0.0	V		0.0	47.5	83.5	-36.0	
26479.040	34.0	35.1	0.0	40.5	7.8	0.0	V		0.0	47.2	83.5	-36.3	
26108.390	34.3	35.4	0.0	40.5	7.7	0.0	V		0.0	47.1	83.5	-36.4	
21692.430	35.3	36.1	0.0	40.3	6.9	0.0	H		0.0	46.4	83.5	-37.1	
21755.970	35.2	36.1	0.0	40.3	7.0	0.0	V		0.0	46.4	83.5	-37.1	
22354.290	35.1	36.0	0.0	40.3	6.8	0.0	V		0.0	46.2	83.5	-37.3	
21417.090	35.2	36.2	0.0	40.3	6.9	0.0	H		0.0	46.2	83.5	-37.3	
22460.190	35.1	36.0	0.0	40.3	6.7	0.0	H		0.0	46.1	83.5	-37.4	
21978.350	34.8	36.0	0.0	40.3	7.0	0.0	H		0.0	46.1	83.5	-37.4	
23715.090	35.2	36.3	0.0	40.4	6.8	0.0	V		0.0	46.0	83.5	-37.5	
23355.030	35.1	36.2	0.0	40.4	6.6	0.0	H		0.0	45.8	83.5	-37.7	
23084.990	35.1	36.1	0.0	40.4	6.4	0.0	H		0.0	45.8	83.5	-37.7	
22894.380	35.0	36.1	0.0	40.4	6.5	0.0	V		0.0	45.7	83.5	-37.8	
23127.350	35.0	36.1	0.0	40.4	6.5	0.0	V		0.0	45.7	83.5	-37.8	
22756.710	34.7	36.1	0.0	40.4	6.5	0.0	V		0.0	45.5	83.5	-38.0	
22677.280	34.4	36.1	0.0	40.4	6.6	0.0	V		0.0	45.3	83.5	-38.2	

NORTHWEST EMC										RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01										Work Order: INMC0024											
Serial Number:										Date: 8/12/02											
Customer: INTERMEC Corporation										Temperature: 77											
Attendees: None										Humidity: 37%											
Cust. Ref. No.:										Barometric Pressure: 30.11											
Tested by: Rod Peloquin										Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS																					
Specification: FCC 15.209										Year: Current 47CFR											
Method: ANSI C63.4										Year: 2000											
SAMPLE CALCULATIONS																					
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation																					
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator																					
COMMENTS																					
Mid channel, omni antenna																					
EUT OPERATING MODES																					
Transmitting on radio b																					
DEVIATIONS FROM TEST STANDARD																					
No deviations.																					
RESULTS										Test Distance (m)				Run #							
Evaluation										1				15							
Other																					
										Tested By: _____											
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)									
24901.150	37.0	36.3	0.0	40.4	7.4	0.0	H		0.0	48.6	83.5	-34.9									
24895.860	37.0	36.3	0.0	40.4	7.4	0.0	V		0.0	48.6	83.5	-34.9									
25621.260	36.0	35.8	0.0	40.5	7.6	0.0	V		0.0	48.3	83.5	-35.2									
25208.260	36.1	36.1	0.0	40.5	7.5	0.0	H		0.0	48.0	83.5	-35.5									
24588.750	36.6	36.3	0.0	40.4	7.3	0.0	H		0.0	47.9	83.5	-35.6									
24207.520	36.8	36.4	0.0	40.4	7.0	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	H		0.0	47.8	83.5	-35.7									
25833.060	35.1	35.6	0.0	40.5	7.7	0.0	H		0.0	47.6	83.5	-35.9									
26097.800	34.6	35.4	0.0	40.5	7.7	0.0	V		0.0	47.4	83.5	-36.1									
23979.830	36.0	36.4	0.0	40.4	6.9	0.0	V		0.0	46.9	83.5	-36.6									
23079.700	36.0	36.1	0.0	40.4	6.4	0.0	V		0.0	46.7	83.5	-36.8									
23439.750	35.9	36.2	0.0	40.4	6.6	0.0	V		0.0	46.7	83.5	-36.8									
21406.500	35.5	36.2	0.0	40.3	6.9	0.0	V		0.0	46.5	83.5	-37.0									
21681.840	35.1	36.1	0.0	40.3	6.9	0.0	H		0.0	46.2	83.5	-37.3									
23709.790	35.2	36.3	0.0	40.4	6.8	0.0	H		0.0	46.0	83.5	-37.5									
23148.530	35.2	36.1	0.0	40.4	6.5	0.0	H		0.0	45.9	83.5	-37.6									
23413.280	35.0	36.2	0.0	40.4	6.6	0.0	H		0.0	45.8	83.5	-37.7									
22285.460	34.6	36.0	0.0	40.3	6.8	0.0	H		0.0	45.7	83.5	-37.8									
22820.250	34.8	36.1	0.0	40.4	6.5	0.0	H		0.0	45.6	83.5	-37.9									
21200.000	33.9	36.3	0.0	40.3	6.8	0.0	V		0.0	44.7	83.5	-38.8									
21242.360	33.8	36.3	0.0	40.3	6.8	0.0	V		0.0	44.7	83.5	-38.8									

NORTHWEST		REV										
EMC		d12.05										
07/31/2002												
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/12/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Rod Peloquin		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
High channel, omni antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	16									
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
24917.040	36.8	36.3	0.0	40.4	7.5	0.0	V		0.0	48.4	83.5	-35.1
24932.920	36.7	36.3	0.0	40.4	7.5	0.0	H		0.0	48.3	83.5	-35.2
25668.910	35.8	35.8	0.0	40.5	7.6	0.0	V		0.0	48.2	83.5	-35.3
25679.500	35.7	35.8	0.0	40.5	7.6	0.0	H		0.0	48.1	83.5	-35.4
24456.380	36.6	36.4	0.0	40.4	7.2	0.0	V		0.0	47.8	83.5	-35.7
24143.980	36.7	36.4	0.0	40.4	7.0	0.0	H		0.0	47.7	83.5	-35.8
25382.990	35.6	36.0	0.0	40.5	7.6	0.0	V		0.0	47.7	83.5	-35.8
21432.980	35.5	36.2	0.0	40.3	6.9	0.0	H		0.0	46.5	83.5	-37.0
23640.960	35.5	36.3	0.0	40.4	6.7	0.0	H		0.0	46.3	83.5	-37.2
23836.870	35.4	36.4	0.0	40.4	6.8	0.0	H		0.0	46.3	83.5	-37.2
23047.930	35.4	36.1	0.0	40.4	6.4	0.0	H		0.0	46.1	83.5	-37.4
21740.080	34.8	36.1	0.0	40.3	6.9	0.0	V		0.0	46.0	83.5	-37.5
22460.190	34.9	36.0	0.0	40.3	6.7	0.0	V		0.0	45.9	83.5	-37.6
22200.740	34.7	36.0	0.0	40.3	6.9	0.0	H		0.0	45.9	83.5	-37.6
23095.580	35.2	36.1	0.0	40.4	6.4	0.0	V		0.0	45.9	83.5	-37.6
22619.040	34.7	36.1	0.0	40.4	6.6	0.0	V		0.0	45.6	83.5	-37.9
21210.590	33.6	36.3	0.0	40.3	6.8	0.0	H		0.0	44.4	83.5	-39.1
21242.360	33.5	36.3	0.0	40.3	6.8	0.0	V		0.0	44.4	83.5	-39.1
21226.470	33.5	36.3	0.0	40.3	6.8	0.0	H		0.0	44.3	83.5	-39.2
21221.180	33.5	36.3	0.0	40.3	6.8	0.0	H		0.0	44.3	83.5	-39.2
21242.360	33.4	36.3	0.0	40.3	6.8	0.0	H		0.0	44.3	83.5	-39.2

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET		REV df2.05 07/31/2002								
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/12/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01								
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Low channel, corner mount antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS				Test Distance (m)	Run #							
Evaluation				1	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)
24943.510	37.2	36.3	0.0	40.4	7.5	0.0	H		0.0	48.8	83.5	-34.7
24864.090	37.0	36.3	0.0	40.4	7.4	0.0	V		0.0	48.5	83.5	-35.0
24424.610	37.1	36.4	0.0	40.4	7.2	0.0	V		0.0	48.3	83.5	-35.2
26219.590	35.2	35.3	0.0	40.5	7.8	0.0	V		0.0	48.1	83.5	-35.4
25663.620	35.5	35.8	0.0	40.5	7.6	0.0	H		0.0	47.8	83.5	-35.7
25626.550	35.5	35.8	0.0	40.5	7.6	0.0	V		0.0	47.8	83.5	-35.7
24175.750	36.7	36.4	0.0	40.4	7.0	0.0	H		0.0	47.7	83.5	-35.8
23074.400	35.6	36.1	0.0	40.4	6.4	0.0	V		0.0	46.3	83.5	-37.2
21395.910	35.3	36.2	0.0	40.3	6.9	0.0	H		0.0	46.3	83.5	-37.2
22444.310	35.2	36.0	0.0	40.3	6.7	0.0	V		0.0	46.2	83.5	-37.3
23079.700	35.5	36.1	0.0	40.4	6.4	0.0	H		0.0	46.2	83.5	-37.3
21745.380	35.0	36.1	0.0	40.3	6.9	0.0	V		0.0	46.2	83.5	-37.3
23397.390	35.2	36.2	0.0	40.4	6.6	0.0	V		0.0	46.0	83.5	-37.5
22730.230	34.8	36.1	0.0	40.4	6.6	0.0	H		0.0	45.6	83.5	-37.9
21237.060	33.8	36.3	0.0	40.3	6.8	0.0	V		0.0	44.7	83.5	-38.8
21210.590	33.8	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	H		0.0	44.4	83.5	-39.1
21226.470	33.6	36.3	0.0	40.3	6.8	0.0	H		0.0	44.4	83.5	-39.1
21242.360	33.5	36.3	0.0	40.3	6.8	0.0	H		0.0	44.4	83.5	-39.1
21231.770	33.5	36.3	0.0	40.3	6.8	0.0	V		0.0	44.3	83.5	-39.2
21205.290	33.4	36.3	0.0	40.3	6.8	0.0	H		0.0	44.2	83.5	-39.3

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										1		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)	
24917.040	37.4	36.3	0.0	40.4	7.5	0.0	V		0.0	49.0	83.5	-34.5	
24943.510	37.3	36.3	0.0	40.4	7.5	0.0	V		0.0	48.9	83.5	-34.6	
24911.740	37.0	36.3	0.0	40.4	7.4	0.0	H		0.0	48.6	83.5	-34.9	
26108.390	35.5	35.4	0.0	40.5	7.7	0.0	V		0.0	48.3	83.5	-35.2	
25695.390	35.7	35.7	0.0	40.5	7.6	0.0	H		0.0	48.1	83.5	-35.4	
25732.450	35.6	35.7	0.0	40.5	7.6	0.0	V		0.0	48.0	83.5	-35.5	
24196.930	36.7	36.4	0.0	40.4	7.0	0.0	H		0.0	47.7	83.5	-35.8	
24461.670	36.5	36.4	0.0	40.4	7.2	0.0	V		0.0	47.7	83.5	-35.8	
26283.130	34.5	35.3	0.0	40.5	7.8	0.0	V		0.0	47.5	83.5	-36.0	
25981.310	34.8	35.5	0.0	40.5	7.7	0.0	V		0.0	47.5	83.5	-36.0	
23820.990	35.5	36.3	0.0	40.4	6.8	0.0	H		0.0	46.4	83.5	-37.1	
21586.530	35.2	36.2	0.0	40.3	6.9	0.0	V		0.0	46.3	83.5	-37.2	
21517.700	35.2	36.2	0.0	40.3	6.9	0.0	H		0.0	46.2	83.5	-37.3	
23900.410	35.3	36.4	0.0	40.4	6.9	0.0	V		0.0	46.2	83.5	-37.3	
22317.230	35.0	36.0	0.0	40.3	6.8	0.0	H		0.0	46.1	83.5	-37.4	
23079.700	35.3	36.1	0.0	40.4	6.4	0.0	V		0.0	46.0	83.5	-37.5	
23365.620	35.2	36.2	0.0	40.4	6.6	0.0	H		0.0	46.0	83.5	-37.5	
23323.260	35.1	36.2	0.0	40.4	6.6	0.0	H		0.0	45.8	83.5	-37.7	
22629.630	34.9	36.1	0.0	40.4	6.6	0.0	V		0.0	45.8	83.5	-37.7	
23084.990	35.1	36.1	0.0	40.4	6.4	0.0	H		0.0	45.8	83.5	-37.7	
22926.140	35.0	36.1	0.0	40.4	6.4	0.0	H		0.0	45.7	83.5	-37.8	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												1	19
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
25690.090	36.1	35.7	0.0	40.5	7.6	0.0	H		0.0	48.5	83.5	-35.0	
24943.510	36.8	36.3	0.0	40.4	7.5	0.0	H		0.0	48.4	83.5	-35.1	
24504.030	37.1	36.3	0.0	40.4	7.2	0.0	V		0.0	48.4	83.5	-35.1	
25690.090	36.0	35.7	0.0	40.5	7.6	0.0	V		0.0	48.4	83.5	-35.1	
26055.440	35.4	35.5	0.0	40.5	7.7	0.0	H		0.0	48.2	83.5	-35.3	
24218.110	36.9	36.4	0.0	40.4	7.0	0.0	V		0.0	48.0	83.5	-35.5	
25277.090	35.8	36.1	0.0	40.5	7.6	0.0	H		0.0	47.7	83.5	-35.8	
23106.170	36.2	36.1	0.0	40.4	6.5	0.0	V		0.0	46.9	83.5	-36.6	
23667.430	35.8	36.3	0.0	40.4	6.7	0.0	V		0.0	46.6	83.5	-36.9	
23032.040	35.9	36.1	0.0	40.4	6.4	0.0	V		0.0	46.6	83.5	-36.9	
23376.210	35.7	36.2	0.0	40.4	6.6	0.0	H		0.0	46.5	83.5	-37.0	
21348.260	35.4	36.3	0.0	40.3	6.9	0.0	V		0.0	46.3	83.5	-37.2	
21538.880	35.2	36.2	0.0	40.3	6.9	0.0	H		0.0	46.2	83.5	-37.3	
22211.330	35.0	36.0	0.0	40.3	6.9	0.0	V		0.0	46.2	83.5	-37.3	
21724.200	35.0	36.1	0.0	40.3	6.9	0.0	V		0.0	46.2	83.5	-37.3	
23381.510	35.4	36.2	0.0	40.4	6.6	0.0	V		0.0	46.2	83.5	-37.3	
23805.100	35.3	36.3	0.0	40.4	6.8	0.0	V		0.0	46.2	83.5	-37.3	
23730.970	35.3	36.3	0.0	40.4	6.8	0.0	H		0.0	46.1	83.5	-37.4	
23116.760	35.0	36.1	0.0	40.4	6.5	0.0	H		0.0	45.7	83.5	-37.8	
21237.060	33.8	36.3	0.0	40.3	6.8	0.0	H		0.0	44.7	83.5	-38.8	
21221.180	33.8	36.3	0.0	40.3	6.8	0.0	H		0.0	44.6	83.5	-38.9	

NORTHWEST		REV										
EMC		d12.05										
07/31/2002												
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/12/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Rod Peloquin		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Low channel, ceiling mount antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	20									
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
24948.800	37.2	36.3	0.0	40.4	7.5	0.0	V		0.0	48.8	83.5	-34.7
24927.630	36.8	36.3	0.0	40.4	7.5	0.0	H		0.0	48.4	83.5	-35.1
25022.930	36.3	36.3	0.0	40.5	7.5	0.0	H		0.0	48.0	83.5	-35.5
25690.090	35.5	35.7	0.0	40.5	7.6	0.0	H		0.0	47.9	83.5	-35.6
24535.800	36.5	36.3	0.0	40.4	7.2	0.0	V		0.0	47.8	83.5	-35.7
25658.320	35.4	35.8	0.0	40.5	7.6	0.0	V		0.0	47.7	83.5	-35.8
26426.090	34.4	35.2	0.0	40.5	7.8	0.0	H		0.0	47.6	83.5	-35.9
24482.850	36.3	36.4	0.0	40.4	7.2	0.0	H		0.0	47.6	83.5	-35.9
24239.290	36.4	36.4	0.0	40.4	7.0	0.0	H		0.0	47.5	83.5	-36.0
26108.390	34.5	35.4	0.0	40.5	7.7	0.0	V		0.0	47.3	83.5	-36.2
21708.310	35.7	36.1	0.0	40.3	6.9	0.0	V		0.0	46.8	83.5	-36.7
22216.630	35.2	36.0	0.0	40.3	6.9	0.0	V		0.0	46.4	83.5	-37.1
23074.400	35.5	36.1	0.0	40.4	6.4	0.0	H		0.0	46.2	83.5	-37.3
21443.570	35.0	36.2	0.0	40.3	6.9	0.0	V		0.0	46.0	83.5	-37.5
22237.800	34.7	36.0	0.0	40.3	6.9	0.0	H		0.0	45.9	83.5	-37.6
22555.500	34.9	36.1	0.0	40.4	6.7	0.0	H		0.0	45.9	83.5	-37.6
23053.220	35.1	36.1	0.0	40.4	6.4	0.0	V		0.0	45.8	83.5	-37.7
21231.770	33.8	36.3	0.0	40.3	6.8	0.0	H		0.0	44.6	83.5	-38.9
21200.000	33.4	36.3	0.0	40.3	6.8	0.0	V		0.0	44.2	83.5	-39.3
21221.180	33.2	36.3	0.0	40.3	6.8	0.0	V		0.0	44.0	83.5	-39.5
21215.880	33.2	36.3	0.0	40.3	6.8	0.0	V		0.0	44.0	83.5	-39.5

NORTHWEST		REV										
EMC		df2.05										
		07/31/2002										
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/12/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Rod Peloquin		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Mid channel, ceiling mount antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	21									
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
24969.980	36.9	36.3	0.0	40.4	7.5	0.0	H		0.0	48.5	83.5	-35.0
24911.740	36.7	36.3	0.0	40.4	7.4	0.0	V		0.0	48.3	83.5	-35.2
25028.230	36.6	36.3	0.0	40.5	7.5	0.0	H		0.0	48.3	83.5	-35.2
24498.740	36.8	36.4	0.0	40.4	7.2	0.0	V		0.0	48.1	83.5	-35.4
25642.440	35.6	35.8	0.0	40.5	7.6	0.0	V		0.0	47.9	83.5	-35.6
26145.460	35.0	35.4	0.0	40.5	7.7	0.0	H		0.0	47.9	83.5	-35.6
25891.300	35.2	35.6	0.0	40.5	7.7	0.0	H		0.0	47.8	83.5	-35.7
25690.090	35.4	35.7	0.0	40.5	7.6	0.0	H		0.0	47.8	83.5	-35.7
26293.710	34.7	35.3	0.0	40.5	7.8	0.0	H		0.0	47.7	83.5	-35.8
25901.890	35.0	35.6	0.0	40.5	7.7	0.0	V		0.0	47.6	83.5	-35.9
21729.490	35.4	36.1	0.0	40.3	6.9	0.0	H		0.0	46.6	83.5	-36.9
23519.180	35.6	36.3	0.0	40.4	6.7	0.0	H		0.0	46.4	83.5	-37.1
23132.650	35.4	36.1	0.0	40.4	6.5	0.0	H		0.0	46.1	83.5	-37.4
21480.630	35.0	36.2	0.0	40.3	6.9	0.0	V		0.0	46.0	83.5	-37.5
23095.580	35.3	36.1	0.0	40.4	6.4	0.0	V		0.0	46.0	83.5	-37.5
22100.140	34.7	36.0	0.0	40.3	6.9	0.0	H		0.0	46.0	83.5	-37.5
21215.880	33.7	36.3	0.0	40.3	6.8	0.0	V		0.0	44.5	83.5	-39.0
21237.060	33.3	36.3	0.0	40.3	6.8	0.0	V		0.0	44.2	83.5	-39.3
21231.770	33.3	36.3	0.0	40.3	6.8	0.0	H		0.0	44.1	83.5	-39.4
21231.770	33.3	36.3	0.0	40.3	6.8	0.0	V		0.0	44.1	83.5	-39.4
21226.470	33.3	36.3	0.0	40.3	6.8	0.0	V		0.0	44.1	83.5	-39.4

NORTHWEST		REV										
EMC		df2.05										
07/31/2002												
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/12/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure 30.11										
Tested by: Rod Peloquin		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
High channel, ceiling mount antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	22									
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
25674.210	36.0	35.8	0.0	40.5	7.6	0.0	H		0.0	48.4	83.5	-35.1
24959.390	36.6	36.3	0.0	40.4	7.5	0.0	V		0.0	48.2	83.5	-35.3
24890.560	36.4	36.3	0.0	40.4	7.4	0.0	H		0.0	48.0	83.5	-35.5
26039.560	35.2	35.5	0.0	40.5	7.7	0.0	V		0.0	47.9	83.5	-35.6
25536.540	35.7	35.9	0.0	40.5	7.6	0.0	V		0.0	47.9	83.5	-35.6
24149.270	36.9	36.4	0.0	40.4	7.0	0.0	V		0.0	47.9	83.5	-35.6
24255.170	36.8	36.4	0.0	40.4	7.1	0.0	H		0.0	47.9	83.5	-35.6
24472.260	36.6	36.4	0.0	40.4	7.2	0.0	H		0.0	47.9	83.5	-35.6
24525.210	36.5	36.3	0.0	40.4	7.2	0.0	V		0.0	47.8	83.5	-35.7
26018.380	34.9	35.5	0.0	40.5	7.7	0.0	H		0.0	47.6	83.5	-35.9
26436.680	34.2	35.2	0.0	40.5	7.8	0.0	V		0.0	47.4	83.5	-36.1
21681.840	35.7	36.1	0.0	40.3	6.9	0.0	V		0.0	46.8	83.5	-36.7
22349.000	35.3	36.0	0.0	40.3	6.8	0.0	H		0.0	46.4	83.5	-37.1
23365.620	35.5	36.2	0.0	40.4	6.6	0.0	H		0.0	46.3	83.5	-37.2
23127.350	35.4	36.1	0.0	40.4	6.5	0.0	H		0.0	46.1	83.5	-37.4
23074.400	35.2	36.1	0.0	40.4	6.4	0.0	V		0.0	45.9	83.5	-37.6
23333.850	35.1	36.2	0.0	40.4	6.6	0.0	V		0.0	45.8	83.5	-37.7
21237.060	34.6	36.3	0.0	40.3	6.8	0.0	H		0.0	45.5	83.5	-38.0
21210.590	33.7	36.3	0.0	40.3	6.8	0.0	H		0.0	44.5	83.5	-39.0
21231.770	33.6	36.3	0.0	40.3	6.8	0.0	H		0.0	44.4	83.5	-39.1
21205.290	33.5	36.3	0.0	40.3	6.8	0.0	H		0.0	44.3	83.5	-39.2

NORTHWEST		REV										
EMC		df2.05										
		07/31/2002										
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/12/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Rod Peloquin		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Low channel, integral antenna												
EUT OPERATING MODES												
Transmitting on radio a												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	23									
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
24943.510	37.1	36.3	0.0	40.4	7.5	0.0	V		0.0	48.7	83.5	-34.8
24938.210	37.0	36.3	0.0	40.4	7.5	0.0	H		0.0	48.6	83.5	-34.9
25653.030	36.0	35.8	0.0	40.5	7.6	0.0	V		0.0	48.3	83.5	-35.2
24504.030	36.6	36.3	0.0	40.4	7.2	0.0	H		0.0	47.9	83.5	-35.6
24461.670	36.4	36.4	0.0	40.4	7.2	0.0	V		0.0	47.6	83.5	-35.9
26299.010	34.6	35.3	0.0	40.5	7.8	0.0	V		0.0	47.6	83.5	-35.9
25690.090	35.2	35.7	0.0	40.5	7.6	0.0	H		0.0	47.6	83.5	-35.9
26479.040	34.3	35.1	0.0	40.5	7.8	0.0	V		0.0	47.5	83.5	-36.0
26447.270	34.3	35.1	0.0	40.5	7.8	0.0	H		0.0	47.5	83.5	-36.0
26346.660	34.3	35.2	0.0	40.5	7.8	0.0	H		0.0	47.4	83.5	-36.1
21623.590	35.7	36.2	0.0	40.3	6.9	0.0	V		0.0	46.8	83.5	-36.7
21422.390	35.5	36.2	0.0	40.3	6.9	0.0	H		0.0	46.5	83.5	-37.0
21364.140	35.4	36.3	0.0	40.3	6.9	0.0	V		0.0	46.3	83.5	-37.2
23106.170	35.5	36.1	0.0	40.4	6.5	0.0	H		0.0	46.2	83.5	-37.3
21692.430	35.0	36.1	0.0	40.3	6.9	0.0	H		0.0	46.1	83.5	-37.4
23032.040	35.3	36.1	0.0	40.4	6.4	0.0	V		0.0	46.0	83.5	-37.5
23847.460	35.1	36.4	0.0	40.4	6.8	0.0	V		0.0	46.0	83.5	-37.5
22057.780	34.5	36.0	0.0	40.3	7.0	0.0	H		0.0	45.8	83.5	-37.7
22476.080	34.7	36.0	0.0	40.3	6.7	0.0	H		0.0	45.7	83.5	-37.8
22735.530	34.5	36.1	0.0	40.4	6.6	0.0	H		0.0	45.3	83.5	-38.2
21221.180	34.1	36.3	0.0	40.3	6.8	0.0	H		0.0	44.9	83.5	-38.6

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, integral antenna													
EUT OPERATING MODES													
Transmitting on radio a													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										1		24	
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
24964.690	37.2	36.3	0.0	40.4	7.5	0.0	H		0.0	48.8	83.5	-34.7	
24170.450	37.6	36.4	0.0	40.4	7.0	0.0	H		0.0	48.6	83.5	-34.9	
25674.210	36.0	35.8	0.0	40.5	7.6	0.0	H		0.0	48.4	83.5	-35.1	
24572.870	36.9	36.3	0.0	40.4	7.2	0.0	V		0.0	48.2	83.5	-35.3	
24779.370	36.7	36.3	0.0	40.4	7.4	0.0	V		0.0	48.2	83.5	-35.3	
25991.900	35.2	35.5	0.0	40.5	7.7	0.0	V		0.0	47.9	83.5	-35.6	
24382.250	36.7	36.4	0.0	40.4	7.1	0.0	H		0.0	47.9	83.5	-35.6	
25631.850	35.5	35.8	0.0	40.5	7.6	0.0	V		0.0	47.8	83.5	-35.7	
24599.340	36.4	36.3	0.0	40.4	7.3	0.0	V		0.0	47.7	83.5	-35.8	
26367.840	34.4	35.2	0.0	40.5	7.8	0.0	H		0.0	47.5	83.5	-36.0	
26071.330	34.7	35.4	0.0	40.5	7.7	0.0	V		0.0	47.5	83.5	-36.0	
21777.150	35.4	36.1	0.0	40.3	7.0	0.0	H		0.0	46.6	83.5	-36.9	
22269.570	35.3	36.0	0.0	40.3	6.8	0.0	V		0.0	46.5	83.5	-37.0	
21967.760	35.1	36.0	0.0	40.3	7.0	0.0	V		0.0	46.4	83.5	-37.1	
23550.950	35.6	36.3	0.0	40.4	6.7	0.0	V		0.0	46.4	83.5	-37.1	
23805.100	35.5	36.3	0.0	40.4	6.8	0.0	H		0.0	46.4	83.5	-37.1	
21618.300	35.2	36.2	0.0	40.3	6.9	0.0	V		0.0	46.3	83.5	-37.2	
23090.290	35.6	36.1	0.0	40.4	6.4	0.0	V		0.0	46.3	83.5	-37.2	
23180.300	35.3	36.2	0.0	40.4	6.5	0.0	H		0.0	46.0	83.5	-37.5	
21231.770	33.6	36.3	0.0	40.3	6.8	0.0	V		0.0	44.4	83.5	-39.1	
21226.470	33.6	36.3	0.0	40.3	6.8	0.0	V		0.0	44.4	83.5	-39.1	

NORTHWEST		REV										
EMC		df2.05										
07/31/2002												
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/12/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure 30.11										
Tested by: Rod Peloquin		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
High channel, integral antenna												
EUT OPERATING MODES												
Transmitting on radio a												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	25									
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
24954.100	36.8	36.3	0.0	40.4	7.5	0.0	H		0.0	48.4	83.5	-35.1
24932.920	36.8	36.3	0.0	40.4	7.5	0.0	V		0.0	48.4	83.5	-35.1
25642.440	36.0	35.8	0.0	40.5	7.6	0.0	V		0.0	48.3	83.5	-35.2
25441.230	35.9	35.9	0.0	40.5	7.6	0.0	V		0.0	48.0	83.5	-35.5
24318.710	36.7	36.4	0.0	40.4	7.1	0.0	V		0.0	47.8	83.5	-35.7
24519.920	36.5	36.3	0.0	40.4	7.2	0.0	V		0.0	47.8	83.5	-35.7
25668.910	35.4	35.8	0.0	40.5	7.6	0.0	H		0.0	47.8	83.5	-35.7
26489.630	34.4	35.1	0.0	40.5	7.9	0.0	H		0.0	47.6	83.5	-35.9
24525.210	36.2	36.3	0.0	40.4	7.2	0.0	H		0.0	47.5	83.5	-36.0
26325.480	34.4	35.2	0.0	40.5	7.8	0.0	V		0.0	47.5	83.5	-36.0
21390.620	35.5	36.2	0.0	40.3	6.9	0.0	V		0.0	46.4	83.5	-37.1
23016.160	35.6	36.1	0.0	40.4	6.4	0.0	V		0.0	46.3	83.5	-37.2
22698.460	35.3	36.1	0.0	40.4	6.6	0.0	V		0.0	46.2	83.5	-37.3
21570.640	35.1	36.2	0.0	40.3	6.9	0.0	H		0.0	46.2	83.5	-37.3
21676.540	35.0	36.1	0.0	40.3	6.9	0.0	H		0.0	46.1	83.5	-37.4
22439.010	35.0	36.0	0.0	40.3	6.7	0.0	H		0.0	46.0	83.5	-37.5
23911.000	34.9	36.4	0.0	40.4	6.9	0.0	H		0.0	45.8	83.5	-37.7
22258.980	34.6	36.0	0.0	40.3	6.8	0.0	H		0.0	45.8	83.5	-37.7
23069.110	34.8	36.1	0.0	40.4	6.4	0.0	H		0.0	45.5	83.5	-38.0
21226.470	34.4	36.3	0.0	40.3	6.8	0.0	H		0.0	45.2	83.5	-38.3
21231.770	33.8	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: 8/12/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, integral antenna													
EUT OPERATING MODES													
Transmitting on radio a													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.2		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)	
39881.480	43.7	27.6	0.0	43.8	12.0	0.0	H		0.0	71.9	97.5	-25.6	
39884.490	43.4	27.6	0.0	43.8	12.0	0.0	V		0.0	71.6	97.5	-25.9	
39325.040	43.3	27.8	0.0	43.7	11.8	0.0	H		0.0	71.0	97.5	-26.5	
39319.020	43.3	27.8	0.0	43.7	11.8	0.0	V		0.0	71.0	97.5	-26.5	
37357.930	45.1	29.1	0.0	43.7	11.2	0.0	V		0.0	70.8	97.5	-26.7	
37378.980	45.0	29.1	0.0	43.7	11.2	0.0	H		0.0	70.8	97.5	-26.7	
38714.450	42.5	28.1	0.0	43.7	11.6	0.0	V		0.0	69.7	97.5	-27.8	
36767.190	44.5	29.6	0.0	43.7	11.0	0.0	H		0.0	69.6	97.5	-27.9	
36707.030	44.5	29.6	0.0	43.7	11.0	0.0	V		0.0	69.6	97.5	-27.9	
36631.840	44.5	29.6	0.0	43.7	11.0	0.0	H		0.0	69.5	97.5	-28.0	
38720.470	42.3	28.1	0.0	43.7	11.6	0.0	H		0.0	69.5	97.5	-28.0	
33707.030	43.2	28.9	0.0	43.6	10.1	0.0	H		0.0	67.9	97.5	-29.6	
34099.260	42.9	28.8	0.0	43.6	10.2	0.0	H		0.0	67.9	97.5	-29.6	
33544.610	43.3	29.0	0.0	43.6	10.0	0.0	V		0.0	67.9	97.5	-29.6	
33992.770	42.6	28.7	0.0	43.6	10.2	0.0	V		0.0	67.6	97.5	-29.9	
36328.050	42.7	29.7	0.0	43.6	10.9	0.0	H		0.0	67.5	97.5	-30.0	
36328.050	42.3	29.7	0.0	43.6	10.9	0.0	V		0.0	67.1	97.5	-30.4	
33294.960	42.4	29.2	0.0	43.6	9.9	0.0	H		0.0	66.7	97.5	-30.8	
35624.220	41.7	29.6	0.0	43.6	10.7	0.0	V		0.0	66.4	97.5	-31.1	
35921.990	41.4	29.8	0.0	43.6	10.7	0.0	V		0.0	66.0	97.5	-31.5	
35729.490	41.3	29.7	0.0	43.6	10.7	0.0	H		0.0	66.0	97.5	-31.5	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, Integral antenna													
EUT OPERATING MODES													
Transmitting on radio a													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.2		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)	
39846.290	43.8	27.6	0.0	43.8	12.0	0.0	H		0.0	71.9	97.5	-25.6	
39882.240	43.5	27.6	0.0	43.8	12.0	0.0	V		0.0	71.7	97.5	-25.8	
39247.070	43.6	27.9	0.0	43.7	11.8	0.0	V		0.0	71.2	97.5	-26.3	
39241.080	43.3	27.9	0.0	43.7	11.8	0.0	H		0.0	70.9	97.5	-26.6	
37377.510	44.9	29.1	0.0	43.7	11.2	0.0	V		0.0	70.7	97.5	-26.8	
37350.540	44.9	29.1	0.0	43.7	11.2	0.0	H		0.0	70.6	97.5	-26.9	
36752.150	44.8	29.6	0.0	43.7	11.0	0.0	V		0.0	69.9	97.5	-27.6	
36758.160	44.7	29.6	0.0	43.7	11.0	0.0	H		0.0	69.8	97.5	-27.7	
38731.740	42.4	28.1	0.0	43.7	11.6	0.0	V		0.0	69.6	97.5	-27.9	
37089.880	44.2	29.4	0.0	43.7	11.1	0.0	H		0.0	69.6	97.5	-27.9	
38752.710	42.3	28.1	0.0	43.7	11.6	0.0	H		0.0	69.5	97.5	-28.0	
38360.230	41.8	28.3	0.0	43.7	11.5	0.0	H		0.0	68.7	97.5	-28.8	
33559.650	44.0	29.0	0.0	43.6	10.0	0.0	V		0.0	68.6	97.5	-28.9	
38225.400	41.6	28.4	0.0	43.7	11.5	0.0	H		0.0	68.4	97.5	-29.1	
33541.600	43.8	29.0	0.0	43.6	10.0	0.0	H		0.0	68.4	97.5	-29.1	
34015.040	43.3	28.7	0.0	43.6	10.2	0.0	H		0.0	68.3	97.5	-29.2	
38138.520	41.6	28.4	0.0	43.7	11.4	0.0	H		0.0	68.3	97.5	-29.2	
38333.260	41.4	28.3	0.0	43.7	11.5	0.0	H		0.0	68.3	97.5	-29.2	
34030.080	42.9	28.7	0.0	43.6	10.2	0.0	V		0.0	67.9	97.5	-29.6	
37871.860	41.3	28.6	0.0	43.7	11.3	0.0	H		0.0	67.7	97.5	-29.8	
36472.420	42.6	29.7	0.0	43.6	10.9	0.0	H		0.0	67.5	97.5	-30.0	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
low channel, integral antenna													
EUT OPERATING MODES													
Transmitting on radio a													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.2		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)	
39810.340	44.1	27.6	0.0	43.8	11.9	0.0	H		0.0	72.2	97.5	-25.3	
39849.290	43.6	27.6	0.0	43.8	12.0	0.0	V		0.0	71.7	97.5	-25.8	
39265.050	43.8	27.9	0.0	43.7	11.8	0.0	V		0.0	71.4	97.5	-26.1	
39301.000	43.6	27.8	0.0	43.7	11.8	0.0	H		0.0	71.3	97.5	-26.2	
37338.560	45.4	29.2	0.0	43.7	11.2	0.0	H		0.0	71.1	97.5	-26.4	
37401.480	45.3	29.1	0.0	43.7	11.2	0.0	V		0.0	71.1	97.5	-26.4	
38752.710	43.1	28.1	0.0	43.7	11.6	0.0	H		0.0	70.3	97.5	-27.2	
36740.120	44.9	29.6	0.0	43.7	11.0	0.0	H		0.0	70.0	97.5	-27.5	
38695.790	42.6	28.2	0.0	43.7	11.6	0.0	V		0.0	69.8	97.5	-27.7	
36752.150	44.6	29.6	0.0	43.7	11.0	0.0	V		0.0	69.7	97.5	-27.8	
39028.360	42.0	28.0	0.0	43.7	11.7	0.0	V		0.0	69.5	97.5	-28.0	
33556.640	43.7	29.0	0.0	43.6	10.0	0.0	H		0.0	68.3	97.5	-29.2	
34087.230	43.2	28.7	0.0	43.6	10.2	0.0	V		0.0	68.2	97.5	-29.3	
34024.060	43.0	28.7	0.0	43.6	10.2	0.0	H		0.0	68.0	97.5	-29.5	
33469.410	43.2	29.1	0.0	43.6	10.0	0.0	V		0.0	67.7	97.5	-29.8	
33565.660	43.1	29.0	0.0	43.6	10.0	0.0	V		0.0	67.7	97.5	-29.8	
36373.160	42.4	29.7	0.0	43.6	10.9	0.0	H		0.0	67.2	97.5	-30.3	
36261.880	42.0	29.7	0.0	43.6	10.9	0.0	V		0.0	66.8	97.5	-30.7	
38270.340	39.8	28.4	0.0	43.7	11.5	0.0	H		0.0	66.6	97.5	-30.9	
35934.020	41.6	29.8	0.0	43.6	10.8	0.0	H		0.0	66.2	97.5	-31.3	
35648.280	41.5	29.6	0.0	43.6	10.7	0.0	V		0.0	66.2	97.5	-31.3	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
low channel, ceiling mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.2		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)	
39834.300	43.7	27.6	0.0	43.8	11.9	0.0	H		0.0	71.8	97.5	-25.7	
39855.280	43.5	27.6	0.0	43.8	12.0	0.0	V		0.0	71.6	97.5	-25.9	
39265.050	43.5	27.9	0.0	43.7	11.8	0.0	V		0.0	71.1	97.5	-26.4	
39262.050	43.4	27.9	0.0	43.7	11.8	0.0	H		0.0	71.0	97.5	-26.5	
37362.530	45.2	29.1	0.0	43.7	11.2	0.0	V		0.0	70.9	97.5	-26.6	
37320.580	45.2	29.2	0.0	43.7	11.2	0.0	H		0.0	70.9	97.5	-26.6	
36737.110	44.8	29.6	0.0	43.7	11.0	0.0	H		0.0	69.9	97.5	-27.6	
38707.770	42.5	28.1	0.0	43.7	11.6	0.0	V		0.0	69.7	97.5	-27.8	
36731.090	44.6	29.6	0.0	43.7	11.0	0.0	V		0.0	69.7	97.5	-27.8	
38731.740	42.3	28.1	0.0	43.7	11.6	0.0	H		0.0	69.5	97.5	-28.0	
33553.630	43.6	29.0	0.0	43.6	10.0	0.0	H		0.0	68.2	97.5	-29.3	
33613.790	43.4	29.0	0.0	43.6	10.0	0.0	V		0.0	68.0	97.5	-29.5	
34066.170	42.9	28.7	0.0	43.6	10.2	0.0	V		0.0	67.9	97.5	-29.6	
33998.790	42.8	28.7	0.0	43.6	10.2	0.0	H		0.0	67.8	97.5	-29.7	
33839.380	42.6	28.8	0.0	43.6	10.1	0.0	V		0.0	67.5	97.5	-30.0	
36340.080	42.6	29.7	0.0	43.6	10.9	0.0	V		0.0	67.4	97.5	-30.1	
37832.910	41.0	28.7	0.0	43.7	11.3	0.0	V		0.0	67.4	97.5	-30.1	
35732.500	41.8	29.7	0.0	43.6	10.7	0.0	V		0.0	66.5	97.5	-31.0	
35651.290	41.2	29.6	0.0	43.6	10.7	0.0	H		0.0	65.9	97.5	-31.6	
33066.370	41.2	29.4	0.0	43.6	9.9	0.0	V		0.0	65.3	97.5	-32.2	
34947.460	40.3	29.2	0.0	43.6	10.4	0.0	H		0.0	65.1	97.5	-32.4	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net				Job Site: EV01							
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, ceiling mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.2		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)	
39852.280	44.5	27.6	0.0	43.8	12.0	0.0	V		0.0	72.6	97.5	-24.9	
39873.250	44.1	27.6	0.0	43.8	12.0	0.0	H		0.0	72.3	97.5	-25.2	
39324.970	44.1	27.8	0.0	43.7	11.8	0.0	V		0.0	71.8	97.5	-25.7	
37398.480	45.5	29.1	0.0	43.7	11.2	0.0	H		0.0	71.3	97.5	-26.2	
39292.010	43.5	27.9	0.0	43.7	11.8	0.0	H		0.0	71.2	97.5	-26.3	
37443.420	45.1	29.1	0.0	43.7	11.2	0.0	V		0.0	70.9	97.5	-26.6	
38698.790	42.6	28.2	0.0	43.7	11.6	0.0	V		0.0	69.8	97.5	-27.7	
36725.080	44.7	29.6	0.0	43.7	11.0	0.0	H		0.0	69.8	97.5	-27.7	
38671.820	42.5	28.2	0.0	43.7	11.6	0.0	H		0.0	69.7	97.5	-27.8	
36737.110	44.5	29.6	0.0	43.7	11.0	0.0	V		0.0	69.6	97.5	-27.9	
34117.300	43.8	28.8	0.0	43.6	10.2	0.0	V		0.0	68.8	97.5	-28.7	
33505.510	43.8	29.0	0.0	43.6	10.0	0.0	V		0.0	68.3	97.5	-29.2	
33998.790	43.0	28.7	0.0	43.6	10.2	0.0	H		0.0	68.0	97.5	-29.5	
33592.730	43.4	29.0	0.0	43.6	10.0	0.0	H		0.0	68.0	97.5	-29.5	
36385.200	42.3	29.7	0.0	43.6	10.9	0.0	H		0.0	67.2	97.5	-30.3	
36343.090	42.2	29.7	0.0	43.6	10.9	0.0	V		0.0	67.0	97.5	-30.5	
33303.980	42.5	29.2	0.0	43.6	9.9	0.0	V		0.0	66.8	97.5	-30.7	
38333.260	39.9	28.3	0.0	43.7	11.5	0.0	H		0.0	66.8	97.5	-30.7	
35660.310	41.8	29.6	0.0	43.6	10.7	0.0	H		0.0	66.5	97.5	-31.0	
38315.290	39.6	28.3	0.0	43.7	11.5	0.0	V		0.0	66.5	97.5	-31.0	
35693.400	41.5	29.6	0.0	43.6	10.7	0.0	V		0.0	66.2	97.5	-31.3	

NORTHWEST EMC										RADIATED EMISSIONS DATA SHEET				REV d12.05 07/31/2002	
EUT: WN-5MP01										Work Order: INMC0024					
Serial Number:										Date: 8/13/02					
Customer: INTERMEC Corporation										Temperature: 77					
Attendees: None										Humidity: 37%					
Cust. Ref. No.:										Barometric Pressure: 30.11					
Tested by: Greg Kiemel										Power: DC from E-net				Job Site: EV01	
TEST SPECIFICATIONS															
Specification: FCC 15.209										Year: Current 47CFR					
Method: ANSI C63.4										Year: 2000					
SAMPLE CALCULATIONS															
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation															
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator															
COMMENTS															
High channel, ceiling mount antenna															
EUT OPERATING MODES															
Transmitting on radio b															
DEVIATIONS FROM TEST STANDARD															
No deviations.															
RESULTS															
										Test Distance (m)		Run #			
Evaluation										0.2		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)			
39879.250	43.9	27.6	0.0	43.8	12.0	0.0	V		0.0	72.1	97.5	-25.4			
39816.330	43.7	27.6	0.0	43.8	11.9	0.0	H		0.0	71.8	97.5	-25.7			
39268.040	43.9	27.9	0.0	43.7	11.8	0.0	H		0.0	71.6	97.5	-25.9			
39277.030	43.2	27.9	0.0	43.7	11.8	0.0	V		0.0	70.9	97.5	-26.6			
37395.480	45.0	29.1	0.0	43.7	11.2	0.0	H		0.0	70.8	97.5	-26.7			
37326.570	44.7	29.2	0.0	43.7	11.2	0.0	V		0.0	70.4	97.5	-27.1			
36743.130	45.1	29.6	0.0	43.7	11.0	0.0	H		0.0	70.2	97.5	-27.3			
38758.710	42.7	28.1	0.0	43.7	11.6	0.0	V		0.0	69.9	97.5	-27.6			
38671.820	42.6	28.2	0.0	43.7	11.6	0.0	H		0.0	69.8	97.5	-27.7			
36719.060	44.3	29.6	0.0	43.7	11.0	0.0	V		0.0	69.4	97.5	-28.1			
39010.380	41.1	28.0	0.0	43.7	11.7	0.0	V		0.0	68.5	97.5	-29.0			
34132.340	43.0	28.8	0.0	43.6	10.2	0.0	H		0.0	68.0	97.5	-29.5			
33583.710	43.4	29.0	0.0	43.6	10.0	0.0	H		0.0	68.0	97.5	-29.5			
34096.250	42.7	28.8	0.0	43.6	10.2	0.0	V		0.0	67.7	97.5	-29.8			
33577.700	43.1	29.0	0.0	43.6	10.0	0.0	V		0.0	67.7	97.5	-29.8			
36472.420	42.3	29.7	0.0	43.6	10.9	0.0	H		0.0	67.2	97.5	-30.3			
36505.510	42.0	29.6	0.0	43.7	10.9	0.0	V		0.0	66.9	97.5	-30.6			
35612.190	41.9	29.6	0.0	43.6	10.7	0.0	H		0.0	66.6	97.5	-30.9			
38327.270	39.5	28.3	0.0	43.7	11.5	0.0	V		0.0	66.4	97.5	-31.1			
35573.090	41.6	29.6	0.0	43.6	10.6	0.0	V		0.0	66.3	97.5	-31.2			
33267.890	42.0	29.2	0.0	43.6	9.9	0.0	V		0.0	66.3	97.5	-31.2			

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Greg Kiemel		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.2		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)	
39822.320	44.0	27.6	0.0	43.8	11.9	0.0	H		0.0	72.1	97.5	-25.4	
39870.260	43.9	27.6	0.0	43.8	12.0	0.0	V		0.0	72.1	97.5	-25.4	
39256.060	43.9	27.9	0.0	43.7	11.8	0.0	V		0.0	71.5	97.5	-26.0	
39304.000	43.7	27.8	0.0	43.7	11.8	0.0	H		0.0	71.4	97.5	-26.1	
37395.480	45.5	29.1	0.0	43.7	11.2	0.0	H		0.0	71.3	97.5	-26.2	
36734.100	45.7	29.6	0.0	43.7	11.0	0.0	V		0.0	70.8	97.5	-26.7	
37374.510	45.0	29.1	0.0	43.7	11.2	0.0	V		0.0	70.7	97.5	-26.8	
36698.010	44.9	29.6	0.0	43.7	11.0	0.0	H		0.0	70.0	97.5	-27.5	
38776.680	42.4	28.1	0.0	43.7	11.6	0.0	V		0.0	69.6	97.5	-27.9	
38758.710	42.4	28.1	0.0	43.7	11.6	0.0	H		0.0	69.6	97.5	-27.9	
33577.700	44.1	29.0	0.0	43.6	10.0	0.0	H		0.0	68.7	97.5	-28.8	
34081.210	43.5	28.7	0.0	43.6	10.2	0.0	H		0.0	68.5	97.5	-29.0	
34123.320	43.1	28.8	0.0	43.6	10.2	0.0	V		0.0	68.1	97.5	-29.4	
33598.750	43.3	29.0	0.0	43.6	10.0	0.0	V		0.0	67.9	97.5	-29.6	
36385.200	42.2	29.7	0.0	43.6	10.9	0.0	V		0.0	67.1	97.5	-30.4	
36279.920	42.1	29.7	0.0	43.6	10.9	0.0	V		0.0	66.9	97.5	-30.6	
35744.530	42.1	29.7	0.0	43.6	10.7	0.0	V		0.0	66.8	97.5	-30.7	
34276.720	41.7	28.9	0.0	43.6	10.2	0.0	V		0.0	66.7	97.5	-30.8	
38258.360	39.8	28.4	0.0	43.7	11.5	0.0	V		0.0	66.6	97.5	-30.9	
35663.320	41.9	29.6	0.0	43.6	10.7	0.0	H		0.0	66.6	97.5	-30.9	
35684.380	41.9	29.6	0.0	43.6	10.7	0.0	V		0.0	66.6	97.5	-30.9	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Greg Kiemel		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.2		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)	
39861.270	43.8	27.6	0.0	43.8	12.0	0.0	H		0.0	72.0	97.5	-25.5	
39312.980	44.2	27.8	0.0	43.7	11.8	0.0	H		0.0	71.9	97.5	-25.6	
39903.210	43.5	27.5	0.0	43.8	12.0	0.0	V		0.0	71.7	97.5	-25.8	
37437.430	44.9	29.1	0.0	43.7	11.2	0.0	V		0.0	70.7	97.5	-26.8	
37404.470	44.9	29.1	0.0	43.7	11.2	0.0	H		0.0	70.7	97.5	-26.8	
39289.020	43.0	27.9	0.0	43.7	11.8	0.0	V		0.0	70.7	97.5	-26.8	
36713.050	45.2	29.6	0.0	43.7	11.0	0.0	H		0.0	70.3	97.5	-27.2	
38725.750	42.9	28.1	0.0	43.7	11.6	0.0	H		0.0	70.1	97.5	-27.4	
36758.160	44.6	29.6	0.0	43.7	11.0	0.0	V		0.0	69.7	97.5	-27.8	
38761.700	42.0	28.1	0.0	43.7	11.6	0.0	V		0.0	69.2	97.5	-28.3	
33523.550	43.9	29.0	0.0	43.6	10.0	0.0	H		0.0	68.4	97.5	-29.1	
34117.300	43.4	28.8	0.0	43.6	10.2	0.0	V		0.0	68.4	97.5	-29.1	
34165.430	43.2	28.8	0.0	43.6	10.2	0.0	H		0.0	68.2	97.5	-29.3	
33535.590	43.6	29.0	0.0	43.6	10.0	0.0	V		0.0	68.2	97.5	-29.3	
33992.770	43.0	28.7	0.0	43.6	10.2	0.0	V		0.0	68.0	97.5	-29.5	
33755.160	42.8	28.9	0.0	43.6	10.1	0.0	V		0.0	67.6	97.5	-29.9	
33655.900	42.9	28.9	0.0	43.6	10.1	0.0	V		0.0	67.6	97.5	-29.9	
36361.130	42.5	29.7	0.0	43.6	10.9	0.0	H		0.0	67.3	97.5	-30.2	
35970.120	42.1	29.8	0.0	43.6	10.8	0.0	H		0.0	66.7	97.5	-30.8	
36460.390	41.8	29.7	0.0	43.6	10.9	0.0	V		0.0	66.7	97.5	-30.8	
38303.300	39.8	28.3	0.0	43.7	11.5	0.0	V		0.0	66.6	97.5	-30.9	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Greg Kiemel		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.2		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)	
39948.160	44.6	27.5	0.0	43.8	12.0	0.0	H		0.0	72.8	97.5	-24.7	
39292.010	44.3	27.9	0.0	43.7	11.8	0.0	H		0.0	72.0	97.5	-25.5	
39816.330	43.6	27.6	0.0	43.8	11.9	0.0	V		0.0	71.7	97.5	-25.8	
37347.550	45.9	29.2	0.0	43.7	11.2	0.0	H		0.0	71.6	97.5	-25.9	
39277.030	43.2	27.9	0.0	43.7	11.8	0.0	V		0.0	70.9	97.5	-26.6	
37395.480	44.8	29.1	0.0	43.7	11.2	0.0	V		0.0	70.6	97.5	-26.9	
38716.760	43.0	28.1	0.0	43.7	11.6	0.0	H		0.0	70.2	97.5	-27.3	
36679.960	45.1	29.6	0.0	43.7	11.0	0.0	H		0.0	70.1	97.5	-27.4	
36755.160	44.5	29.6	0.0	43.7	11.0	0.0	V		0.0	69.6	97.5	-27.9	
38758.710	42.0	28.1	0.0	43.7	11.6	0.0	V		0.0	69.2	97.5	-28.3	
33998.790	43.3	28.7	0.0	43.6	10.2	0.0	H		0.0	68.3	97.5	-29.2	
33556.640	43.7	29.0	0.0	43.6	10.0	0.0	H		0.0	68.3	97.5	-29.2	
34111.290	42.9	28.8	0.0	43.6	10.2	0.0	V		0.0	67.9	97.5	-29.6	
33559.650	43.3	29.0	0.0	43.6	10.0	0.0	V		0.0	67.9	97.5	-29.6	
36358.130	42.2	29.7	0.0	43.6	10.9	0.0	V		0.0	67.0	97.5	-30.5	
35750.550	41.9	29.7	0.0	43.6	10.7	0.0	V		0.0	66.6	97.5	-30.9	
35660.310	41.7	29.6	0.0	43.6	10.7	0.0	H		0.0	66.4	97.5	-31.1	
38282.330	39.4	28.4	0.0	43.7	11.5	0.0	V		0.0	66.2	97.5	-31.3	
35894.920	41.2	29.7	0.0	43.6	10.7	0.0	V		0.0	65.8	97.5	-31.7	
31270.700	42.4	30.4	0.0	43.5	9.3	0.0	H		0.0	64.9	97.5	-32.6	
34893.320	39.9	29.2	0.0	43.6	10.4	0.0	V		0.0	64.7	97.5	-32.8	

NORTHWEST		REV										
EMC		d12.05										
07/31/2002												
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Greg Kiemel		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Low channel, omni antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		0.2	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)
39837.300	43.5	27.6	0.0	43.8	12.0	0.0	H		0.0	71.6	97.5	-25.9
39870.260	43.3	27.6	0.0	43.8	12.0	0.0	V		0.0	71.5	97.5	-26.0
39277.030	43.3	27.9	0.0	43.7	11.8	0.0	H		0.0	71.0	97.5	-26.5
37365.520	45.2	29.1	0.0	43.7	11.2	0.0	H		0.0	70.9	97.5	-26.6
39298.000	43.1	27.9	0.0	43.7	11.8	0.0	V		0.0	70.8	97.5	-26.7
37314.590	44.5	29.2	0.0	43.7	11.2	0.0	V		0.0	70.2	97.5	-27.3
38752.710	42.2	28.1	0.0	43.7	11.6	0.0	H		0.0	69.4	97.5	-28.1
36755.160	44.3	29.6	0.0	43.7	11.0	0.0	V		0.0	69.4	97.5	-28.1
36728.090	44.3	29.6	0.0	43.7	11.0	0.0	H		0.0	69.4	97.5	-28.1
38728.750	41.7	28.1	0.0	43.7	11.6	0.0	V		0.0	68.9	97.5	-28.6
33595.740	43.6	29.0	0.0	43.6	10.0	0.0	H		0.0	68.2	97.5	-29.3
34004.800	42.6	28.7	0.0	43.6	10.2	0.0	H		0.0	67.6	97.5	-29.9
34027.070	42.6	28.7	0.0	43.6	10.2	0.0	V		0.0	67.6	97.5	-29.9
33604.770	42.9	29.0	0.0	43.6	10.0	0.0	V		0.0	67.5	97.5	-30.0
33800.270	42.4	28.8	0.0	43.6	10.1	0.0	V		0.0	67.2	97.5	-30.3
36303.980	42.4	29.7	0.0	43.6	10.9	0.0	H		0.0	67.2	97.5	-30.3
36397.230	42.3	29.7	0.0	43.6	10.9	0.0	V		0.0	67.2	97.5	-30.3
33857.420	41.6	28.8	0.0	43.6	10.1	0.0	V		0.0	66.5	97.5	-31.0
38093.570	39.1	28.5	0.0	43.7	11.4	0.0	V		0.0	65.8	97.5	-31.7
37949.760	39.2	28.6	0.0	43.7	11.4	0.0	V		0.0	65.7	97.5	-31.8
35594.140	40.8	29.6	0.0	43.6	10.6	0.0	V		0.0	65.5	97.5	-32.0

NORTHWEST EMC										RADIATED EMISSIONS DATA SHEET				REV df2.05 07/31/2002	
EUT: WN-5MP01										Work Order: INMC0024					
Serial Number:										Date: 8/13/02					
Customer: INTERMEC Corporation										Temperature: 77					
Attendees: None										Humidity: 37%					
Cust. Ref. No.:										Barometric Pressure: 30.11					
Tested by: Greg Kiemel										Power: DC from E-net				Job Site: EV01	
TEST SPECIFICATIONS															
Specification: FCC 15.209										Year: Current 47CFR					
Method: ANSI C63.4										Year: 2000					
SAMPLE CALCULATIONS															
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation															
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator															
COMMENTS															
Mid channel, omni antenna															
EUT OPERATING MODES															
Transmitting on radio b															
DEVIATIONS FROM TEST STANDARD															
No deviations.															
RESULTS															
										Test Distance (m)		Run #			
Evaluation										0.2		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)			
39852.280	43.7	27.6	0.0	43.8	12.0	0.0	H		0.0	71.8	97.5	-25.7			
39858.270	43.4	27.6	0.0	43.8	12.0	0.0	V		0.0	71.5	97.5	-26.0			
39295.010	43.5	27.9	0.0	43.7	11.8	0.0	H		0.0	71.2	97.5	-26.3			
37386.500	44.9	29.1	0.0	43.7	11.2	0.0	H		0.0	70.7	97.5	-26.8			
39606.600	42.6	27.7	0.0	43.8	11.9	0.0	V		0.0	70.5	97.5	-27.0			
37416.460	44.4	29.1	0.0	43.7	11.2	0.0	V		0.0	70.2	97.5	-27.3			
39304.000	42.5	27.8	0.0	43.7	11.8	0.0	V		0.0	70.2	97.5	-27.3			
36713.050	44.9	29.6	0.0	43.7	11.0	0.0	H		0.0	70.0	97.5	-27.5			
36773.200	44.3	29.6	0.0	43.7	11.0	0.0	V		0.0	69.4	97.5	-28.1			
38704.780	42.2	28.1	0.0	43.7	11.6	0.0	H		0.0	69.4	97.5	-28.1			
38731.740	41.9	28.1	0.0	43.7	11.6	0.0	V		0.0	69.1	97.5	-28.4			
33499.490	43.2	29.1	0.0	43.6	10.0	0.0	H		0.0	67.7	97.5	-29.8			
33595.740	43.0	29.0	0.0	43.6	10.0	0.0	V		0.0	67.6	97.5	-29.9			
33559.650	43.0	29.0	0.0	43.6	10.0	0.0	V		0.0	67.6	97.5	-29.9			
34033.090	42.5	28.7	0.0	43.6	10.2	0.0	H		0.0	67.5	97.5	-30.0			
34048.130	42.2	28.7	0.0	43.6	10.2	0.0	V		0.0	67.2	97.5	-30.3			
36313.010	42.0	29.7	0.0	43.6	10.9	0.0	H		0.0	66.8	97.5	-30.7			
36334.060	41.8	29.7	0.0	43.6	10.9	0.0	V		0.0	66.6	97.5	-30.9			
38318.280	39.3	28.3	0.0	43.7	11.5	0.0	V		0.0	66.2	97.5	-31.3			
35970.120	41.3	29.8	0.0	43.6	10.8	0.0	H		0.0	65.9	97.5	-31.6			
35976.130	41.3	29.8	0.0	43.6	10.8	0.0	V		0.0	65.9	97.5	-31.6			

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET		REV df2.05 07/31/2002								
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Greg Kiemel		Power: DC from E-net		Job Site: EV01								
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
High channel, omni antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS				Test Distance (m)	Run #							
Evaluation				0.2	37							
Other												
Tested By:												
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
39885.240	43.4	27.6	0.0	43.8	12.0	0.0	H		0.0	71.6	97.5	-25.9
37338.560	45.5	29.2	0.0	43.7	11.2	0.0	H		0.0	71.2	97.5	-26.3
39849.290	42.8	27.6	0.0	43.8	12.0	0.0	V		0.0	70.9	97.5	-26.6
39265.050	43.2	27.9	0.0	43.7	11.8	0.0	H		0.0	70.8	97.5	-26.7
39283.020	42.9	27.9	0.0	43.7	11.8	0.0	V		0.0	70.6	97.5	-26.9
37386.500	44.3	29.1	0.0	43.7	11.2	0.0	V		0.0	70.1	97.5	-27.4
38731.740	42.5	28.1	0.0	43.7	11.6	0.0	V		0.0	69.7	97.5	-27.8
36755.160	44.6	29.6	0.0	43.7	11.0	0.0	H		0.0	69.7	97.5	-27.8
38686.800	42.1	28.2	0.0	43.7	11.6	0.0	H		0.0	69.3	97.5	-28.2
36725.080	44.1	29.6	0.0	43.7	11.0	0.0	V		0.0	69.2	97.5	-28.3
33583.710	43.7	29.0	0.0	43.6	10.0	0.0	H		0.0	68.3	97.5	-29.2
34090.230	43.2	28.7	0.0	43.6	10.2	0.0	V		0.0	68.2	97.5	-29.3
34001.800	42.6	28.7	0.0	43.6	10.2	0.0	H		0.0	67.6	97.5	-29.9
33619.800	42.6	29.0	0.0	43.6	10.0	0.0	V		0.0	67.2	97.5	-30.3
34258.670	41.4	28.8	0.0	43.6	10.2	0.0	V		0.0	66.4	97.5	-31.1
36397.230	41.4	29.7	0.0	43.6	10.9	0.0	V		0.0	66.3	97.5	-31.2
38276.340	39.3	28.4	0.0	43.7	11.5	0.0	H		0.0	66.1	97.5	-31.4
35627.230	41.4	29.6	0.0	43.6	10.7	0.0	V		0.0	66.1	97.5	-31.4
35783.630	41.2	29.7	0.0	43.6	10.7	0.0	H		0.0	65.9	97.5	-31.6
38201.430	38.9	28.4	0.0	43.7	11.4	0.0	V		0.0	65.7	97.5	-31.8
35855.820	41.0	29.7	0.0	43.6	10.7	0.0	H		0.0	65.6	97.5	-31.9

NORTHWEST		REV										
EMC		d12.05										
RADIATED EMISSIONS DATA SHEET		07/31/2002										
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Greg Kiemel		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Low channel, omni antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	38									
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)
17933.630	30.1	34.9	0.0	44.7	6.1	0.0	V		0.0	46.0	83.5	-37.5
17912.650	29.5	34.9	0.0	44.7	6.1	0.0	H		0.0	45.4	83.5	-38.1
17451.260	30.1	34.6	0.0	43.8	6.0	0.0	H		0.0	45.3	83.5	-38.2
17535.150	29.5	34.7	0.0	44.2	6.0	0.0	V		0.0	45.1	83.5	-38.4
13716.290	32.4	34.6	0.0	41.0	4.9	0.0	H		0.0	43.8	83.5	-39.7
13610.960	32.5	34.7	0.0	40.9	4.9	0.0	V		0.0	43.6	83.5	-39.9
13829.140	31.6	34.6	0.0	41.2	5.0	0.0	H		0.0	43.2	83.5	-40.3
16741.180	30.8	34.3	0.0	40.1	5.8	0.0	V		0.0	42.4	83.5	-41.1
16828.070	30.4	34.3	0.0	40.2	5.8	0.0	H		0.0	42.2	83.5	-41.3
13076.800	32.3	34.9	0.0	39.9	4.8	0.0	V		0.0	42.1	83.5	-41.4
15143.860	31.6	34.2	0.0	39.1	5.3	0.0	H		0.0	41.9	83.5	-41.6
15128.870	31.3	34.2	0.0	39.2	5.3	0.0	V		0.0	41.6	83.5	-41.9
10860.180	34.2	35.2	0.0	38.2	4.2	0.0	V		0.0	41.4	83.5	-42.1
14420.980	29.8	34.4	0.0	40.7	5.1	0.0	V		0.0	41.2	83.5	-42.3
14380.860	29.7	34.4	0.0	40.7	5.1	0.0	H		0.0	41.2	83.5	-42.3
14563.930	29.8	34.3	0.0	40.4	5.2	0.0	H		0.0	41.0	83.5	-42.5
10747.330	33.8	35.2	0.0	38.3	4.1	0.0	H		0.0	41.0	83.5	-42.5
14731.950	29.8	34.3	0.0	40.1	5.2	0.0	V		0.0	40.8	83.5	-42.7
11273.970	32.7	35.3	0.0	38.7	4.3	0.0	H		0.0	40.5	83.5	-43.0
11278.980	32.6	35.3	0.0	38.8	4.3	0.0	V		0.0	40.4	83.5	-43.1
14716.910	29.3	34.3	0.0	40.1	5.2	0.0	H		0.0	40.3	83.5	-43.2

NORTHWEST		REV										
EMC		df2.05										
RADIATED EMISSIONS DATA SHEET		07/31/2002										
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Greg Kiemel		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Mid channel, omni antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	39									
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
17933.630	30.2	34.9	0.0	44.7	6.1	0.0	V		0.0	46.1	83.5	-37.4
17984.560	30.0	34.9	0.0	44.8	6.1	0.0	H		0.0	46.0	83.5	-37.5
17526.160	30.2	34.7	0.0	44.2	6.0	0.0	V		0.0	45.8	83.5	-37.7
17526.160	30.1	34.7	0.0	44.2	6.0	0.0	H		0.0	45.7	83.5	-37.8
13804.060	32.4	34.6	0.0	41.2	5.0	0.0	H		0.0	44.0	83.5	-39.5
13588.390	32.8	34.7	0.0	40.8	4.9	0.0	V		0.0	43.9	83.5	-39.6
13653.590	32.6	34.7	0.0	40.9	4.9	0.0	H		0.0	43.8	83.5	-39.7
14237.910	30.7	34.4	0.0	41.0	5.1	0.0	V		0.0	42.4	83.5	-41.1
15152.850	32.0	34.2	0.0	39.1	5.3	0.0	H		0.0	42.3	83.5	-41.2
16798.110	30.5	34.3	0.0	40.2	5.8	0.0	V		0.0	42.2	83.5	-41.3
13169.590	32.1	34.9	0.0	40.1	4.8	0.0	H		0.0	42.2	83.5	-41.3
15137.870	31.7	34.2	0.0	39.1	5.3	0.0	V		0.0	42.0	83.5	-41.5
10825.070	34.0	35.2	0.0	38.2	4.2	0.0	V		0.0	41.2	83.5	-42.3
10606.890	33.8	35.2	0.0	38.3	4.1	0.0	V		0.0	41.0	83.5	-42.5
10619.430	33.8	35.2	0.0	38.3	4.1	0.0	H		0.0	41.0	83.5	-42.5
14747.000	30.0	34.3	0.0	40.1	5.2	0.0	H		0.0	41.0	83.5	-42.5
15000.000	29.8	34.2	0.0	39.6	5.3	0.0	H		0.0	40.5	83.5	-43.0
11289.020	32.5	35.3	0.0	38.8	4.3	0.0	V		0.0	40.3	83.5	-43.2
15734.280	30.9	34.0	0.0	37.8	5.5	0.0	H		0.0	40.2	83.5	-43.3
15584.430	30.9	34.0	0.0	37.8	5.5	0.0	V		0.0	40.2	83.5	-43.3
15326.680	30.4	34.1	0.0	38.5	5.4	0.0	V		0.0	40.2	83.5	-43.3

NORTHWEST		REV										
EMC		df2.05										
07/31/2002												
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Greg Kiemel		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
High channel, omni antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	40									
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
17628.030	30.5	34.7	0.0	44.4	6.0	0.0	V		0.0	46.2	83.5	-37.3
17472.230	30.7	34.6	0.0	44.0	6.0	0.0	H		0.0	46.1	83.5	-37.4
17786.820	30.2	34.8	0.0	44.5	6.1	0.0	H		0.0	46.0	83.5	-37.5
17909.660	30.0	34.9	0.0	44.7	6.1	0.0	V		0.0	45.9	83.5	-37.6
13610.960	33.2	34.7	0.0	40.9	4.9	0.0	V		0.0	44.3	83.5	-39.2
13651.090	32.8	34.7	0.0	40.9	4.9	0.0	H		0.0	44.0	83.5	-39.5
13864.250	32.2	34.6	0.0	41.3	5.0	0.0	V		0.0	43.9	83.5	-39.6
13982.120	31.8	34.5	0.0	41.5	5.0	0.0	H		0.0	43.8	83.5	-39.7
14403.430	30.9	34.4	0.0	40.7	5.1	0.0	V		0.0	42.3	83.5	-41.2
13026.640	32.6	34.9	0.0	39.8	4.8	0.0	V		0.0	42.3	83.5	-41.2
16642.310	30.8	34.2	0.0	39.9	5.8	0.0	H		0.0	42.3	83.5	-41.2
16747.170	30.4	34.3	0.0	40.1	5.8	0.0	V		0.0	42.0	83.5	-41.5
16327.700	31.3	34.1	0.0	39.0	5.7	0.0	V		0.0	41.9	83.5	-41.6
15149.850	31.5	34.2	0.0	39.1	5.3	0.0	V		0.0	41.8	83.5	-41.7
14458.600	30.4	34.4	0.0	40.6	5.1	0.0	H		0.0	41.8	83.5	-41.7
15161.840	31.4	34.2	0.0	39.0	5.3	0.0	H		0.0	41.6	83.5	-41.9
14719.410	30.2	34.3	0.0	40.1	5.2	0.0	V		0.0	41.2	83.5	-42.3
10815.040	33.6	35.2	0.0	38.2	4.2	0.0	V		0.0	40.8	83.5	-42.7
10777.420	33.5	35.2	0.0	38.2	4.2	0.0	H		0.0	40.7	83.5	-42.8
10514.100	33.4	35.2	0.0	38.3	4.1	0.0	V		0.0	40.6	83.5	-42.9
11253.910	32.9	35.3	0.0	38.7	4.3	0.0	H		0.0	40.6	83.5	-42.9

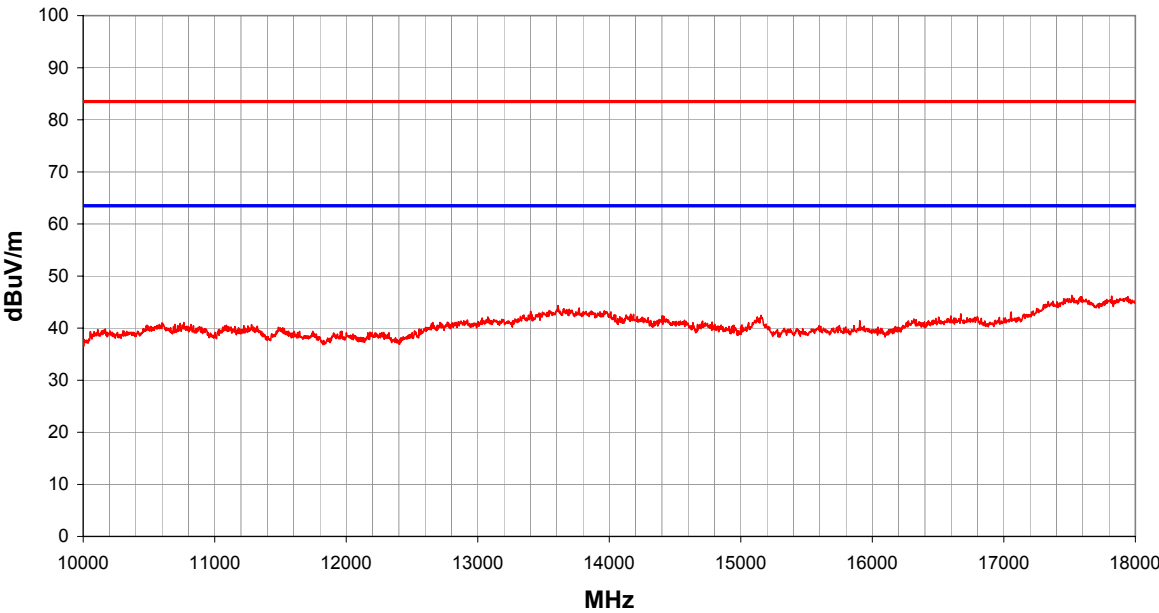
NORTHWEST		REV										
EMC		df2.05										
RADIATED EMISSIONS DATA SHEET		07/31/2002										
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Greg Kiemel		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Low channel, integral antenna												
EUT OPERATING MODES												
Transmitting on radio a												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	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)
17984.560	30.4	34.9	0.0	44.8	6.1	0.0	H		0.0	46.4	83.5	-37.1
17933.630	30.2	34.9	0.0	44.7	6.1	0.0	V		0.0	46.1	83.5	-37.4
17628.030	30.4	34.7	0.0	44.4	6.0	0.0	H		0.0	46.1	83.5	-37.4
17613.040	30.4	34.7	0.0	44.3	6.0	0.0	V		0.0	46.1	83.5	-37.4
13979.610	31.8	34.5	0.0	41.5	5.0	0.0	V		0.0	43.8	83.5	-39.7
13615.980	32.6	34.7	0.0	40.9	4.9	0.0	V		0.0	43.7	83.5	-39.8
13555.790	32.7	34.7	0.0	40.8	4.9	0.0	H		0.0	43.7	83.5	-39.8
17148.650	30.6	34.5	0.0	41.6	5.9	0.0	H		0.0	43.7	83.5	-39.8
14232.900	31.2	34.4	0.0	41.0	5.1	0.0	H		0.0	42.9	83.5	-40.6
10366.140	35.5	35.2	0.0	38.3	4.1	0.0	H		0.0	42.7	83.5	-40.8
10368.650	35.4	35.2	0.0	38.3	4.1	0.0	V		0.0	42.6	83.5	-40.9
14227.880	30.9	34.4	0.0	41.0	5.1	0.0	V		0.0	42.6	83.5	-40.9
16696.240	30.8	34.2	0.0	40.0	5.8	0.0	V		0.0	42.4	83.5	-41.1
13081.810	32.5	34.9	0.0	39.9	4.8	0.0	H		0.0	42.4	83.5	-41.1
16780.130	30.4	34.3	0.0	40.1	5.8	0.0	H		0.0	42.1	83.5	-41.4
16405.620	31.1	34.1	0.0	39.3	5.7	0.0	V		0.0	42.0	83.5	-41.5
16279.750	31.6	34.0	0.0	38.8	5.7	0.0	V		0.0	42.0	83.5	-41.5
14433.520	30.6	34.4	0.0	40.6	5.1	0.0	H		0.0	42.0	83.5	-41.5
14390.890	30.5	34.4	0.0	40.7	5.1	0.0	V		0.0	42.0	83.5	-41.5
15134.870	31.5	34.2	0.0	39.1	5.3	0.0	V		0.0	41.8	83.5	-41.7
15137.870	31.5	34.2	0.0	39.1	5.3	0.0	H		0.0	41.8	83.5	-41.7

NORTHWEST EMC										RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01										Work Order: INMC0024											
Serial Number:										Date: 8/13/02											
Customer: INTERMEC Corporation										Temperature: 77											
Attendees: None										Humidity: 37%											
Cust. Ref. No.:										Barometric Pressure: 30.11											
Tested by: Greg Kiemel										Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS																					
Specification: FCC 15.209										Year: Current 47CFR											
Method: ANSI C63.4										Year: 2000											
SAMPLE CALCULATIONS																					
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation																					
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator																					
COMMENTS																					
Mid channel, integral antenna																					
EUT OPERATING MODES																					
Transmitting on radio a																					
DEVIATIONS FROM TEST STANDARD																					
No deviations.																					
RESULTS										Test Distance (m)				Run #							
Evaluation										1				42							
Other										Tested By: _____											
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)									
17517.170	30.7	34.7	0.0	44.2	6.0	0.0	V		0.0	46.3	83.5	-37.2									
17460.240	30.7	34.6	0.0	43.9	6.0	0.0	H		0.0	46.0	83.5	-37.5									
17921.640	29.9	34.9	0.0	44.7	6.1	0.0	V		0.0	45.8	83.5	-37.7									
17915.650	29.8	34.9	0.0	44.7	6.1	0.0	H		0.0	45.7	83.5	-37.8									
13505.630	33.1	34.7	0.0	40.7	4.9	0.0	H		0.0	44.0	83.5	-39.5									
13711.270	32.5	34.6	0.0	41.0	4.9	0.0	H		0.0	43.9	83.5	-39.6									
13565.820	32.7	34.7	0.0	40.8	4.9	0.0	V		0.0	43.7	83.5	-39.8									
13959.550	31.7	34.5	0.0	41.4	5.0	0.0	H		0.0	43.6	83.5	-39.9									
14127.570	30.7	34.5	0.0	41.2	5.0	0.0	H		0.0	42.5	83.5	-41.0									
13124.450	32.3	34.9	0.0	40.0	4.8	0.0	H		0.0	42.3	83.5	-41.2									
15161.840	32.0	34.2	0.0	39.0	5.3	0.0	V		0.0	42.2	83.5	-41.3									
14415.970	30.7	34.4	0.0	40.7	5.1	0.0	V		0.0	42.1	83.5	-41.4									
16687.250	30.5	34.2	0.0	40.0	5.8	0.0	H		0.0	42.1	83.5	-41.4									
15146.860	31.7	34.2	0.0	39.1	5.3	0.0	H		0.0	42.0	83.5	-41.5									
16555.420	30.6	34.2	0.0	39.8	5.8	0.0	V		0.0	42.0	83.5	-41.5									
16309.720	31.3	34.1	0.0	38.9	5.7	0.0	V		0.0	41.8	83.5	-41.7									
12866.140	32.2	35.0	0.0	39.6	4.8	0.0	V		0.0	41.5	83.5	-42.0									
14759.540	30.4	34.3	0.0	40.0	5.2	0.0	H		0.0	41.4	83.5	-42.1									
10581.810	33.7	35.2	0.0	38.3	4.1	0.0	H		0.0	40.9	83.5	-42.6									
10729.770	33.7	35.2	0.0	38.3	4.1	0.0	H		0.0	40.9	83.5	-42.6									
15000.000	30.0	34.2	0.0	39.6	5.3	0.0	H		0.0	40.7	83.5	-42.8									

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002			
EMC															
EUT: WN-5MP01		Work Order: INMC0024													
Serial Number:		Date: 8/13/02													
Customer: INTERMEC Corporation		Temperature: 77													
Attendees: None		Humidity: 37%													
Cust. Ref. No.:		Barometric Pressure: 30.11													
Tested by: Greg Kiemel		Power: DC from E-net										Job Site: EV01			
TEST SPECIFICATIONS															
Specification: FCC 15.209		Year: Current 47CFR													
Method: ANSI C63.4		Year: 2000													
SAMPLE CALCULATIONS															
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation															
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator															
COMMENTS															
High channel, integral antenna															
EUT OPERATING MODES															
Transmitting on radio a															
DEVIATIONS FROM TEST STANDARD															
No deviations.															
RESULTS															
												Test Distance (m)		Run #	
Evaluation												1		43	
Other															
Tested By: _____															
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)			
17544.130	30.7	34.7	0.0	44.3	6.0	0.0	V		0.0	46.3	83.5	-37.2			
17927.630	30.2	34.9	0.0	44.7	6.1	0.0	H		0.0	46.1	83.5	-37.4			
17511.180	30.5	34.7	0.0	44.2	6.0	0.0	H		0.0	46.1	83.5	-37.4			
17927.630	30.0	34.9	0.0	44.7	6.1	0.0	V		0.0	45.9	83.5	-37.6			
13600.930	32.8	34.7	0.0	40.9	4.9	0.0	H		0.0	43.9	83.5	-39.6			
13550.770	32.9	34.7	0.0	40.8	4.9	0.0	V		0.0	43.9	83.5	-39.6			
14115.030	31.0	34.5	0.0	41.3	5.0	0.0	V		0.0	42.8	83.5	-40.7			
14160.170	30.8	34.5	0.0	41.2	5.0	0.0	H		0.0	42.6	83.5	-40.9			
13091.840	32.6	34.9	0.0	40.0	4.8	0.0	H		0.0	42.5	83.5	-41.0			
15152.850	32.1	34.2	0.0	39.1	5.3	0.0	V		0.0	42.4	83.5	-41.1			
15101.900	31.9	34.2	0.0	39.3	5.3	0.0	H		0.0	42.3	83.5	-41.2			
14436.030	30.8	34.4	0.0	40.6	5.1	0.0	H		0.0	42.2	83.5	-41.3			
14508.760	30.9	34.3	0.0	40.5	5.2	0.0	H		0.0	42.2	83.5	-41.3			
10692.160	34.8	35.2	0.0	38.3	4.1	0.0	H		0.0	42.0	83.5	-41.5			
14418.480	30.5	34.4	0.0	40.7	5.1	0.0	V		0.0	41.9	83.5	-41.6			
12928.840	32.2	35.0	0.0	39.7	4.8	0.0	V		0.0	41.7	83.5	-41.8			
14754.520	30.3	34.3	0.0	40.0	5.2	0.0	H		0.0	41.3	83.5	-42.2			
15752.260	31.9	34.0	0.0	37.7	5.5	0.0	V		0.0	41.2	83.5	-42.3			
10551.720	33.9	35.2	0.0	38.3	4.1	0.0	V		0.0	41.1	83.5	-42.4			
10606.890	33.8	35.2	0.0	38.3	4.1	0.0	H		0.0	41.0	83.5	-42.5			
15587.430	31.4	34.0	0.0	37.8	5.5	0.0	V		0.0	40.7	83.5	-42.8			

NORTHWEST		REV										
EMC		df2.05										
RADIATED EMISSIONS DATA SHEET		07/31/2002										
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Greg Kiemel		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Low channel, ceiling mount antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	44									
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
17535.150	31.0	34.7	0.0	44.2	6.0	0.0	V		0.0	46.6	83.5	-36.9
17939.620	30.4	34.9	0.0	44.7	6.1	0.0	H		0.0	46.3	83.5	-37.2
17936.620	30.1	34.9	0.0	44.7	6.1	0.0	V		0.0	46.0	83.5	-37.5
17559.120	30.4	34.7	0.0	44.3	6.0	0.0	H		0.0	46.0	83.5	-37.5
13620.990	32.9	34.7	0.0	40.9	4.9	0.0	V		0.0	44.0	83.5	-39.5
13984.630	31.9	34.5	0.0	41.5	5.0	0.0	V		0.0	43.9	83.5	-39.6
13615.980	32.5	34.7	0.0	40.9	4.9	0.0	H		0.0	43.6	83.5	-39.9
15158.840	32.6	34.2	0.0	39.1	5.3	0.0	V		0.0	42.9	83.5	-40.6
14428.510	31.0	34.4	0.0	40.6	5.1	0.0	H		0.0	42.4	83.5	-41.1
16735.190	30.6	34.3	0.0	40.1	5.8	0.0	V		0.0	42.2	83.5	-41.3
14438.540	30.7	34.4	0.0	40.6	5.1	0.0	V		0.0	42.1	83.5	-41.4
15128.870	31.7	34.2	0.0	39.2	5.3	0.0	H		0.0	42.0	83.5	-41.5
12861.130	32.6	35.0	0.0	39.6	4.8	0.0	V		0.0	41.9	83.5	-41.6
16288.740	31.3	34.0	0.0	38.8	5.7	0.0	H		0.0	41.8	83.5	-41.7
14736.970	30.2	34.3	0.0	40.1	5.2	0.0	V		0.0	41.2	83.5	-42.3
11148.580	33.5	35.3	0.0	38.5	4.3	0.0	V		0.0	41.0	83.5	-42.5
15000.000	30.2	34.2	0.0	39.6	5.3	0.0	V		0.0	40.9	83.5	-42.6
10784.950	33.7	35.2	0.0	38.2	4.2	0.0	H		0.0	40.9	83.5	-42.6
11073.340	33.5	35.3	0.0	38.3	4.2	0.0	H		0.0	40.8	83.5	-42.7
10574.290	33.6	35.2	0.0	38.3	4.1	0.0	V		0.0	40.8	83.5	-42.7
15854.170	31.4	33.9	0.0	37.7	5.6	0.0	H		0.0	40.7	83.5	-42.8

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Greg Kiemel		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, ceiling mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										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)	
17909.660	30.2	34.9	0.0	44.7	6.1	0.0	H		0.0	46.1	83.5	-37.4	
17469.230	30.7	34.6	0.0	44.0	6.0	0.0	H		0.0	46.0	83.5	-37.5	
17933.630	29.9	34.9	0.0	44.7	6.1	0.0	V		0.0	45.8	83.5	-37.7	
17472.230	30.4	34.6	0.0	44.0	6.0	0.0	V		0.0	45.8	83.5	-37.7	
13600.930	32.9	34.7	0.0	40.9	4.9	0.0	H		0.0	44.0	83.5	-39.5	
13555.790	32.8	34.7	0.0	40.8	4.9	0.0	V		0.0	43.8	83.5	-39.7	
13934.470	31.9	34.5	0.0	41.4	5.0	0.0	H		0.0	43.8	83.5	-39.7	
14140.110	31.1	34.5	0.0	41.2	5.0	0.0	H		0.0	42.9	83.5	-40.6	
13144.510	32.8	34.9	0.0	40.1	4.8	0.0	H		0.0	42.8	83.5	-40.7	
14130.080	30.8	34.5	0.0	41.2	5.0	0.0	V		0.0	42.6	83.5	-40.9	
15155.850	32.2	34.2	0.0	39.1	5.3	0.0	H		0.0	42.5	83.5	-41.0	
16732.190	30.7	34.3	0.0	40.1	5.8	0.0	V		0.0	42.3	83.5	-41.2	
14448.570	30.8	34.4	0.0	40.6	5.1	0.0	V		0.0	42.2	83.5	-41.3	
16297.730	31.5	34.0	0.0	38.9	5.7	0.0	H		0.0	42.0	83.5	-41.5	
15152.850	31.6	34.2	0.0	39.1	5.3	0.0	V		0.0	41.9	83.5	-41.6	
16276.750	31.4	34.0	0.0	38.8	5.7	0.0	V		0.0	41.8	83.5	-41.7	
15005.990	31.0	34.2	0.0	39.6	5.3	0.0	H		0.0	41.7	83.5	-41.8	
14769.570	30.5	34.3	0.0	40.0	5.2	0.0	H		0.0	41.5	83.5	-42.0	
10764.880	34.1	35.2	0.0	38.2	4.2	0.0	V		0.0	41.3	83.5	-42.2	
15000.000	30.1	34.2	0.0	39.6	5.3	0.0	V		0.0	40.8	83.5	-42.7	
15911.110	31.5	33.9	0.0	37.7	5.6	0.0	V		0.0	40.8	83.5	-42.7	

NORTHWEST		REV										
EMC		d12.05										
RADIATED EMISSIONS DATA SHEET		07/31/2002										
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Greg Kiemel		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Mid channel, ceiling mount antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	46									
Other												
		Tested By: _____										
												
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
17517.170	30.7	34.7	0.0	44.2	6.0	0.0	V		0.0	46.3	83.5	-37.2
17819.780	30.3	34.8	0.0	44.6	6.1	0.0	H		0.0	46.1	83.5	-37.4
17942.620	30.1	34.9	0.0	44.7	6.1	0.0	V		0.0	46.0	83.5	-37.5
17592.070	30.4	34.7	0.0	44.3	6.0	0.0	H		0.0	46.0	83.5	-37.5
13610.960	33.2	34.7	0.0	40.9	4.9	0.0	H		0.0	44.3	83.5	-39.2
13656.100	32.5	34.7	0.0	40.9	4.9	0.0	V		0.0	43.7	83.5	-39.8
17055.770	30.7	34.4	0.0	40.9	5.9	0.0	V		0.0	43.1	83.5	-40.4
16672.270	31.2	34.2	0.0	40.0	5.8	0.0	H		0.0	42.7	83.5	-40.8
14162.680	30.9	34.5	0.0	41.2	5.0	0.0	H		0.0	42.7	83.5	-40.8
14185.250	30.9	34.4	0.0	41.1	5.1	0.0	V		0.0	42.6	83.5	-40.9
15152.850	32.2	34.2	0.0	39.1	5.3	0.0	H		0.0	42.5	83.5	-41.0
14400.920	30.9	34.4	0.0	40.7	5.1	0.0	H		0.0	42.3	83.5	-41.2
16597.370	30.9	34.2	0.0	39.9	5.8	0.0	V		0.0	42.3	83.5	-41.2
14408.450	30.9	34.4	0.0	40.7	5.1	0.0	V		0.0	42.3	83.5	-41.2
15155.850	31.9	34.2	0.0	39.1	5.3	0.0	V		0.0	42.2	83.5	-41.3
13076.800	32.3	34.9	0.0	39.9	4.8	0.0	H		0.0	42.1	83.5	-41.4
15905.120	32.1	33.9	0.0	37.7	5.6	0.0	V		0.0	41.4	83.5	-42.1
14709.380	30.3	34.3	0.0	40.1	5.2	0.0	V		0.0	41.3	83.5	-42.2
14782.110	30.2	34.3	0.0	40.0	5.2	0.0	H		0.0	41.2	83.5	-42.3
10764.880	33.9	35.2	0.0	38.2	4.2	0.0	V		0.0	41.1	83.5	-42.4
10599.370	33.8	35.2	0.0	38.3	4.1	0.0	V		0.0	41.0	83.5	-42.5

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Greg Kiemel		Power: DC from E-net					Job Site: EV01						
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										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)	
17601.060	31.1	34.7	0.0	44.3	6.0	0.0	H		0.0	46.7	83.5	-36.8	
17930.630	30.1	34.9	0.0	44.7	6.1	0.0	H		0.0	46.0	83.5	-37.5	
17897.670	30.1	34.8	0.0	44.7	6.1	0.0	V		0.0	46.0	83.5	-37.5	
17529.150	30.3	34.7	0.0	44.2	6.0	0.0	V		0.0	45.9	83.5	-37.6	
13663.630	32.8	34.7	0.0	41.0	4.9	0.0	H		0.0	44.0	83.5	-39.5	
13706.260	32.4	34.6	0.0	41.0	4.9	0.0	V		0.0	43.7	83.5	-39.8	
14155.160	31.2	34.5	0.0	41.2	5.0	0.0	V		0.0	43.0	83.5	-40.5	
13142.000	32.9	34.9	0.0	40.1	4.8	0.0	H		0.0	42.9	83.5	-40.6	
16780.130	31.1	34.3	0.0	40.1	5.8	0.0	H		0.0	42.8	83.5	-40.7	
16657.290	30.8	34.2	0.0	40.0	5.8	0.0	V		0.0	42.3	83.5	-41.2	
15155.850	32.0	34.2	0.0	39.1	5.3	0.0	H		0.0	42.3	83.5	-41.2	
15149.850	31.9	34.2	0.0	39.1	5.3	0.0	V		0.0	42.2	83.5	-41.3	
16324.710	31.3	34.1	0.0	39.0	5.7	0.0	V		0.0	41.9	83.5	-41.6	
16339.690	31.2	34.1	0.0	39.0	5.7	0.0	H		0.0	41.9	83.5	-41.6	
10724.760	34.1	35.2	0.0	38.3	4.1	0.0	H		0.0	41.3	83.5	-42.2	
15003.000	30.4	34.2	0.0	39.6	5.3	0.0	V		0.0	41.1	83.5	-42.4	
15590.420	31.6	34.0	0.0	37.8	5.5	0.0	V		0.0	40.9	83.5	-42.6	
10526.640	33.6	35.2	0.0	38.3	4.1	0.0	H		0.0	40.8	83.5	-42.7	
10611.910	33.6	35.2	0.0	38.3	4.1	0.0	V		0.0	40.8	83.5	-42.7	
11243.880	33.1	35.3	0.0	38.7	4.3	0.0	H		0.0	40.8	83.5	-42.7	
10910.340	33.6	35.2	0.0	38.2	4.2	0.0	V		0.0	40.8	83.5	-42.7	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Greg Kiemel		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												1	48
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
17897.670	30.6	34.8	0.0	44.7	6.1	0.0	H		0.0	46.5	83.5	-37.0	
17891.680	30.4	34.8	0.0	44.7	6.1	0.0	V		0.0	46.3	83.5	-37.2	
17634.020	30.6	34.7	0.0	44.4	6.0	0.0	V		0.0	46.3	83.5	-37.2	
17478.220	30.7	34.6	0.0	44.0	6.0	0.0	H		0.0	46.1	83.5	-37.4	
13603.440	33.1	34.7	0.0	40.9	4.9	0.0	V		0.0	44.2	83.5	-39.3	
13676.160	32.8	34.6	0.0	41.0	4.9	0.0	H		0.0	44.1	83.5	-39.4	
13854.220	32.2	34.6	0.0	41.3	5.0	0.0	V		0.0	43.9	83.5	-39.6	
14077.410	30.9	34.5	0.0	41.3	5.0	0.0	H		0.0	42.8	83.5	-40.7	
14250.450	31.1	34.4	0.0	41.0	5.1	0.0	V		0.0	42.7	83.5	-40.8	
16522.470	31.0	34.2	0.0	39.7	5.8	0.0	V		0.0	42.3	83.5	-41.2	
15116.890	31.9	34.2	0.0	39.2	5.3	0.0	V		0.0	42.3	83.5	-41.2	
16759.160	30.6	34.3	0.0	40.1	5.8	0.0	H		0.0	42.3	83.5	-41.2	
14436.030	30.8	34.4	0.0	40.6	5.1	0.0	V		0.0	42.2	83.5	-41.3	
15152.850	31.8	34.2	0.0	39.1	5.3	0.0	H		0.0	42.1	83.5	-41.4	
16339.690	31.2	34.1	0.0	39.0	5.7	0.0	V		0.0	41.9	83.5	-41.6	
14400.920	30.4	34.4	0.0	40.7	5.1	0.0	H		0.0	41.8	83.5	-41.7	
16279.750	31.3	34.0	0.0	38.8	5.7	0.0	H		0.0	41.7	83.5	-41.8	
10606.890	34.5	35.2	0.0	38.3	4.1	0.0	H		0.0	41.7	83.5	-41.8	
11284.000	33.7	35.3	0.0	38.8	4.3	0.0	H		0.0	41.5	83.5	-42.0	
10541.690	34.0	35.2	0.0	38.3	4.1	0.0	V		0.0	41.2	83.5	-42.3	
10925.380	33.9	35.2	0.0	38.2	4.2	0.0	H		0.0	41.1	83.5	-42.4	

NORTHWEST		REV										
EMC		d12.05										
07/31/2002												
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Greg Kiemel		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
High channel, corner mount antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		1	49									
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
17568.100	30.5	34.7	0.0	44.3	6.0	0.0	V		0.0	46.1	83.5	-37.4
17894.680	30.2	34.8	0.0	44.7	6.1	0.0	V		0.0	46.1	83.5	-37.4
17475.220	30.7	34.6	0.0	44.0	6.0	0.0	H		0.0	46.1	83.5	-37.4
17909.660	29.8	34.9	0.0	44.7	6.1	0.0	H		0.0	45.7	83.5	-37.8
13618.480	32.9	34.7	0.0	40.9	4.9	0.0	H		0.0	44.0	83.5	-39.5
13683.690	32.7	34.6	0.0	41.0	4.9	0.0	V		0.0	44.0	83.5	-39.5
14147.630	31.0	34.5	0.0	41.2	5.0	0.0	H		0.0	42.8	83.5	-40.7
16801.100	30.8	34.3	0.0	40.2	5.8	0.0	H		0.0	42.5	83.5	-41.0
14147.630	30.7	34.5	0.0	41.2	5.0	0.0	V		0.0	42.5	83.5	-41.0
15146.860	32.0	34.2	0.0	39.1	5.3	0.0	V		0.0	42.3	83.5	-41.2
14446.060	30.9	34.4	0.0	40.6	5.1	0.0	V		0.0	42.3	83.5	-41.2
16732.190	30.6	34.3	0.0	40.1	5.8	0.0	V		0.0	42.2	83.5	-41.3
16330.700	31.4	34.1	0.0	39.0	5.7	0.0	V		0.0	42.0	83.5	-41.5
15152.850	31.6	34.2	0.0	39.1	5.3	0.0	H		0.0	41.9	83.5	-41.6
12893.730	32.4	35.0	0.0	39.6	4.8	0.0	V		0.0	41.8	83.5	-41.7
10687.140	34.1	35.2	0.0	38.3	4.1	0.0	H		0.0	41.3	83.5	-42.2
10759.870	34.1	35.2	0.0	38.2	4.2	0.0	H		0.0	41.3	83.5	-42.2
14744.490	30.2	34.3	0.0	40.1	5.2	0.0	H		0.0	41.2	83.5	-42.3
14844.800	30.2	34.2	0.0	39.9	5.3	0.0	V		0.0	41.1	83.5	-42.4
15644.370	31.5	34.0	0.0	37.8	5.5	0.0	V		0.0	40.8	83.5	-42.7
10604.380	33.4	35.2	0.0	38.3	4.1	0.0	V		0.0	40.6	83.5	-42.9

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												1	50
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
3998.790	19.1	0.0	0.0	34.5	3.9	0.0	H		0.0	57.5	83.5	-26.0	
3996.750	19.1	0.0	0.0	34.5	3.9	0.0	V		0.0	57.5	83.5	-26.0	
1999.810	20.5	0.0	0.0	29.1	2.5	0.0	V		0.0	52.1	83.5	-31.4	
1999.810	20.3	0.0	0.0	29.1	2.5	0.0	H		0.0	51.9	83.5	-31.6	
2007.460	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7	
2003.890	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	H		0.0	51.7	83.5	-31.8	
2006.950	20.1	0.0	0.0	29.1	2.5	0.0	V		0.0	51.7	83.5	-31.8	
1120.362	22.7	0.0	0.0	25.3	2.0	0.0	V		0.0	50.1	83.5	-33.4	
1151.983	21.9	0.0	0.0	25.4	2.1	0.0	V		0.0	49.4	83.5	-34.1	
1151.983	21.2	0.0	0.0	25.4	2.1	0.0	H		0.0	48.7	83.5	-34.8	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												1	51
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
3998.790	19.5	0.0	0.0	34.5	3.9	0.0	H		0.0	57.9	83.5	-25.6	
3953.399	19.4	0.0	0.0	34.4	3.9	0.0	V		0.0	57.6	83.5	-25.9	
1980.429	20.5	0.0	0.0	29.0	2.5	0.0	V		0.0	52.0	83.5	-31.5	
1997.260	20.4	0.0	0.0	29.1	2.5	0.0	H		0.0	52.0	83.5	-31.5	
2001.850	20.3	0.0	0.0	29.1	2.5	0.0	H		0.0	51.9	83.5	-31.6	
2006.950	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7	
2002.360	20.2	0.0	0.0	29.1	2.5	0.0	V		0.0	51.8	83.5	-31.7	
2008.990	20.1	0.0	0.0	29.1	2.5	0.0	H		0.0	51.7	83.5	-31.8	
2006.440	20.1	0.0	0.0	29.1	2.5	0.0	V		0.0	51.7	83.5	-31.8	
1151.983	22.3	0.0	0.0	25.4	2.1	0.0	V		0.0	49.8	83.5	-33.7	
1151.983	21.4	0.0	0.0	25.4	2.1	0.0	H		0.0	48.9	83.5	-34.6	
1120.362	21.1	0.0	0.0	25.3	2.0	0.0	V		0.0	48.5	83.5	-35.0	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET		REV df2.05 07/31/2002								
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01								
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Low channel, corner mount antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)		Run #								
Evaluation		1		52								
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
3998.280	19.3	0.0	0.0	34.5	3.9	0.0	V		0.0	57.7	83.5	-25.8
3848.847	19.7	0.0	0.0	34.0	3.8	0.0	H		0.0	57.5	83.5	-26.0
2005.930	20.7	0.0	0.0	29.1	2.5	0.0	V		0.0	52.3	83.5	-31.2
2008.990	20.6	0.0	0.0	29.1	2.5	0.0	H		0.0	52.2	83.5	-31.3
2006.440	20.5	0.0	0.0	29.1	2.5	0.0	V		0.0	52.1	83.5	-31.4
1993.179	20.5	0.0	0.0	29.1	2.5	0.0	V		0.0	52.1	83.5	-31.4
2007.460	20.3	0.0	0.0	29.1	2.5	0.0	V		0.0	51.9	83.5	-31.6
1983.489	20.4	0.0	0.0	29.0	2.5	0.0	H		0.0	51.9	83.5	-31.6
2005.930	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7
2003.890	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7
2000.830	20.1	0.0	0.0	29.1	2.5	0.0	V		0.0	51.7	83.5	-31.8
1151.983	21.9	0.0	0.0	25.4	2.1	0.0	H		0.0	49.4	83.5	-34.1
1151.983	21.5	0.0	0.0	25.4	2.1	0.0	V		0.0	49.0	83.5	-34.5
1119.852	20.9	0.0	0.0	25.3	2.0	0.0	V		0.0	48.3	83.5	-35.2

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET		REV df2.05 07/31/2002								
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01								
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Low channel, ceiling mount antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)		Run #								
Evaluation		1		53								
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
4003.890	19.3	0.0	0.0	34.5	3.9	0.0	V		0.0	57.7	83.5	-25.8
4005.930	19.3	0.0	0.0	34.5	3.9	0.0	H		0.0	57.7	83.5	-25.8
1991.139	20.4	0.0	0.0	29.1	2.5	0.0	V		0.0	51.9	83.5	-31.6
1988.589	20.4	0.0	0.0	29.0	2.5	0.0	H		0.0	51.9	83.5	-31.6
2007.460	20.2	0.0	0.0	29.1	2.5	0.0	V		0.0	51.8	83.5	-31.7
2004.910	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7
2002.360	20.2	0.0	0.0	29.1	2.5	0.0	V		0.0	51.8	83.5	-31.7
2006.440	20.1	0.0	0.0	29.1	2.5	0.0	H		0.0	51.7	83.5	-31.8
1151.983	21.5	0.0	0.0	25.4	2.1	0.0	H		0.0	49.0	83.5	-34.5
1151.983	21.5	0.0	0.0	25.4	2.1	0.0	V		0.0	49.0	83.5	-34.5
1119.852	20.9	0.0	0.0	25.3	2.0	0.0	V		0.0	48.3	83.5	-35.2

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, ceiling mount antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												1	54
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
3999.300	19.1	0.0	0.0	34.5	3.9	0.0	V		0.0	57.5	83.5	-26.0	
3875.367	19.5	0.0	0.0	34.1	3.8	0.0	H		0.0	57.4	83.5	-26.1	
1976.349	20.8	0.0	0.0	29.0	2.5	0.0	V		0.0	52.3	83.5	-31.2	
2006.440	20.3	0.0	0.0	29.1	2.5	0.0	H		0.0	51.9	83.5	-31.6	
2004.910	20.3	0.0	0.0	29.1	2.5	0.0	H		0.0	51.9	83.5	-31.6	
2001.850	20.3	0.0	0.0	29.1	2.5	0.0	V		0.0	51.9	83.5	-31.6	
1993.179	20.3	0.0	0.0	29.1	2.5	0.0	H		0.0	51.9	83.5	-31.6	
2008.990	20.2	0.0	0.0	29.1	2.5	0.0	V		0.0	51.8	83.5	-31.7	
2007.970	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7	
2005.930	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	H		0.0	51.7	83.5	-31.8	
1151.983	22.2	0.0	0.0	25.4	2.1	0.0	V		0.0	49.7	83.5	-33.8	
1151.983	20.8	0.0	0.0	25.4	2.1	0.0	H		0.0	48.3	83.5	-35.2	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET		REV df2.05 07/31/2002								
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01								
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
High channel, ceiling mount antenna												
EUT OPERATING MODES												
Transmitting on radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)		Run #								
Evaluation		1		55								
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
4003.380	19.4	0.0	0.0	34.5	3.9	0.0	H		0.0	57.8	83.5	-25.7
4000.320	19.1	0.0	0.0	34.5	3.9	0.0	V		0.0	57.5	83.5	-26.0
2006.440	20.5	0.0	0.0	29.1	2.5	0.0	V		0.0	52.1	83.5	-31.4
1985.529	20.4	0.0	0.0	29.0	2.5	0.0	H		0.0	51.9	83.5	-31.6
2001.850	20.3	0.0	0.0	29.1	2.5	0.0	H		0.0	51.9	83.5	-31.6
1997.770	20.3	0.0	0.0	29.1	2.5	0.0	V		0.0	51.9	83.5	-31.6
2008.990	20.2	0.0	0.0	29.1	2.5	0.0	V		0.0	51.8	83.5	-31.7
1151.983	22.0	0.0	0.0	25.4	2.1	0.0	V		0.0	49.5	83.5	-34.0
1119.852	21.2	0.0	0.0	25.3	2.0	0.0	V		0.0	48.6	83.5	-34.9
1151.983	20.7	0.0	0.0	25.4	2.1	0.0	H		0.0	48.2	83.5	-35.3

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET		REV df2.05 07/31/2002								
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01								
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
Low channel, Integral antenna												
EUT OPERATING MODES												
Transmitting on radio a												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS												
		Test Distance (m)		Run #								
Evaluation		1		56								
Other												
		Tested By: _____										
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
3980.939	19.2	0.0	0.0	34.4	3.9	0.0	H		0.0	57.5	83.5	-26.0
3999.810	19.0	0.0	0.0	34.5	3.9	0.0	V		0.0	57.4	83.5	-26.1
1998.280	20.6	0.0	0.0	29.1	2.5	0.0	H		0.0	52.2	83.5	-31.3
1999.300	20.5	0.0	0.0	29.1	2.5	0.0	V		0.0	52.1	83.5	-31.4
2003.890	20.3	0.0	0.0	29.1	2.5	0.0	H		0.0	51.9	83.5	-31.6
2008.480	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7
2008.480	20.2	0.0	0.0	29.1	2.5	0.0	V		0.0	51.8	83.5	-31.7
2004.910	20.2	0.0	0.0	29.1	2.5	0.0	V		0.0	51.8	83.5	-31.7
2001.850	20.1	0.0	0.0	29.1	2.5	0.0	V		0.0	51.7	83.5	-31.8
1119.852	21.5	0.0	0.0	25.3	2.0	0.0	V		0.0	48.9	83.5	-34.6
1151.983	21.1	0.0	0.0	25.4	2.1	0.0	V		0.0	48.6	83.5	-34.9

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, integral antenna													
EUT OPERATING MODES													
Transmitting on radio a													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												1	57
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
4001.850	19.4	0.0	0.0	34.5	3.9	0.0	V		0.0	57.8	83.5	-25.7	
3994.199	19.3	0.0	0.0	34.5	3.9	0.0	H		0.0	57.7	83.5	-25.8	
1953.909	20.6	0.0	0.0	28.9	2.5	0.0	V		0.0	51.9	83.5	-31.6	
1986.549	20.4	0.0	0.0	29.0	2.5	0.0	H		0.0	51.9	83.5	-31.6	
2004.910	20.3	0.0	0.0	29.1	2.5	0.0	V		0.0	51.9	83.5	-31.6	
2006.440	20.2	0.0	0.0	29.1	2.5	0.0	V		0.0	51.8	83.5	-31.7	
2005.420	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7	
2001.340	20.2	0.0	0.0	29.1	2.5	0.0	V		0.0	51.8	83.5	-31.7	
1151.983	21.3	0.0	0.0	25.4	2.1	0.0	V		0.0	48.8	83.5	-34.7	
1120.362	21.1	0.0	0.0	25.3	2.0	0.0	V		0.0	48.5	83.5	-35.0	
1151.983	20.6	0.0	0.0	25.4	2.1	0.0	H		0.0	48.1	83.5	-35.4	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, integral antenna													
EUT OPERATING MODES													
Transmitting on radio a													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												1	58
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
4006.440	19.2	0.0	0.0	34.5	3.9	0.0	H		0.0	57.6	83.5	-25.9	
3998.280	19.0	0.0	0.0	34.5	3.9	0.0	V		0.0	57.4	83.5	-26.1	
1994.199	20.7	0.0	0.0	29.1	2.5	0.0	H		0.0	52.3	83.5	-31.2	
2008.480	20.4	0.0	0.0	29.1	2.5	0.0	V		0.0	52.0	83.5	-31.5	
1977.369	20.5	0.0	0.0	29.0	2.5	0.0	V		0.0	52.0	83.5	-31.5	
2003.890	20.3	0.0	0.0	29.1	2.5	0.0	V		0.0	51.9	83.5	-31.6	
2000.320	20.3	0.0	0.0	29.1	2.5	0.0	V		0.0	51.9	83.5	-31.6	
2008.990	20.1	0.0	0.0	29.1	2.5	0.0	H		0.0	51.7	83.5	-31.8	
1120.362	21.2	0.0	0.0	25.3	2.0	0.0	V		0.0	48.6	83.5	-34.9	
1151.983	21.0	0.0	0.0	25.4	2.1	0.0	V		0.0	48.5	83.5	-35.0	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, omni antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												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)	
3998.280	19.1	0.0	0.0	34.5	3.9	0.0	H		0.0	57.5	83.5	-26.0	
4000.320	19.0	0.0	0.0	34.5	3.9	0.0	V		0.0	57.4	83.5	-26.1	
1998.280	20.7	0.0	0.0	29.1	2.5	0.0	H		0.0	52.3	83.5	-31.2	
1997.260	20.5	0.0	0.0	29.1	2.5	0.0	V		0.0	52.1	83.5	-31.4	
2003.890	20.3	0.0	0.0	29.1	2.5	0.0	V		0.0	51.9	83.5	-31.6	
2002.360	20.3	0.0	0.0	29.1	2.5	0.0	H		0.0	51.9	83.5	-31.6	
2007.970	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7	
2002.870	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7	
1151.983	22.0	0.0	0.0	25.4	2.1	0.0	V		0.0	49.5	83.5	-34.0	
1119.852	20.8	0.0	0.0	25.3	2.0	0.0	V		0.0	48.2	83.5	-35.3	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, omni antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												1	60
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
3970.229	19.3	0.0	0.0	34.4	3.9	0.0	H		0.0	57.6	83.5	-25.9	
4006.950	19.1	0.0	0.0	34.5	3.9	0.0	V		0.0	57.5	83.5	-26.0	
1990.629	20.5	0.0	0.0	29.1	2.5	0.0	H		0.0	52.0	83.5	-31.5	
2004.910	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	V		0.0	51.9	83.5	-31.6	
2000.830	20.3	0.0	0.0	29.1	2.5	0.0	H		0.0	51.9	83.5	-31.6	
2008.990	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7	
2003.890	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7	
2007.970	20.1	0.0	0.0	29.1	2.5	0.0	H		0.0	51.7	83.5	-31.8	
1151.983	21.9	0.0	0.0	25.4	2.1	0.0	V		0.0	49.4	83.5	-34.1	
1151.983	20.7	0.0	0.0	25.4	2.1	0.0	H		0.0	48.2	83.5	-35.3	
1119.852	20.7	0.0	0.0	25.3	2.0	0.0	V		0.0	48.1	83.5	-35.4	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Don Facticeau		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, omni antenna													
EUT OPERATING MODES													
Transmitting on radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												1	61
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
3999.810	19.3	0.0	0.0	34.5	3.9	0.0	H		0.0	57.7	83.5	-25.8	
3964.619	19.2	0.0	0.0	34.4	3.9	0.0	V		0.0	57.5	83.5	-26.0	
1995.219	20.4	0.0	0.0	29.1	2.5	0.0	V		0.0	52.0	83.5	-31.5	
1988.589	20.4	0.0	0.0	29.0	2.5	0.0	H		0.0	51.9	83.5	-31.6	
2007.970	20.3	0.0	0.0	29.1	2.5	0.0	V		0.0	51.9	83.5	-31.6	
2000.320	20.3	0.0	0.0	29.1	2.5	0.0	V		0.0	51.9	83.5	-31.6	
2007.460	20.2	0.0	0.0	29.1	2.5	0.0	H		0.0	51.8	83.5	-31.7	
1151.983	22.5	0.0	0.0	25.4	2.1	0.0	V		0.0	50.0	83.5	-33.5	
1151.983	20.8	0.0	0.0	25.4	2.1	0.0	H		0.0	48.3	83.5	-35.2	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, omni antenna													
EUT OPERATING MODES													
Transmitting radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												0.5 m	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)	
5337.715	46.8	0.0	0.0	34.1	3.0	0.0	V		0.0	83.9	89.6	-5.7	
5332.717	46.8	0.0	0.0	34.1	3.0	0.0	V		0.0	83.9	89.6	-5.7	
5335.216	46.3	0.0	0.0	34.1	3.0	0.0	V		0.0	83.4	89.6	-6.2	
5340.214	46.0	0.0	0.0	34.1	3.0	0.0	V		0.0	83.1	89.6	-6.5	
5342.713	45.2	0.0	0.0	34.1	3.0	0.0	V		0.0	82.3	89.6	-7.3	
5345.212	44.7	0.0	0.0	34.1	3.0	0.0	V		0.0	81.8	89.6	-7.8	
5347.711	44.0	0.0	0.0	34.1	3.0	0.0	V		0.0	81.1	89.6	-8.5	
5350.210	43.7	0.0	0.0	34.2	3.0	0.0	V		0.0	80.8	89.6	-8.8	
5335.216	41.0	0.0	0.0	34.1	3.0	0.0	H		0.0	78.1	89.6	-11.5	
5342.713	40.6	0.0	0.0	34.1	3.0	0.0	H		0.0	77.7	89.6	-11.9	
5340.214	40.6	0.0	0.0	34.1	3.0	0.0	H		0.0	77.7	89.6	-11.9	
5337.715	40.6	0.0	0.0	34.1	3.0	0.0	H		0.0	77.7	89.6	-11.9	
5347.711	40.5	0.0	0.0	34.1	3.0	0.0	H		0.0	77.6	89.6	-12.0	
5332.717	40.4	0.0	0.0	34.1	3.0	0.0	H		0.0	77.5	89.6	-12.1	
5350.210	40.2	0.0	0.0	34.2	3.0	0.0	H		0.0	77.3	89.6	-12.3	
5345.212	39.8	0.0	0.0	34.1	3.0	0.0	H		0.0	76.9	89.6	-12.7	
9893.000	21.1	0.0	0.0	38.0	4.0	0.0	V		0.0	63.1	89.6	-26.5	
9904.000	20.9	0.0	0.0	38.0	4.0	0.0	H		0.0	62.9	89.6	-26.7	
9537.000	21.4	0.0	0.0	37.4	3.9	0.0	V		0.0	62.7	89.6	-26.9	
9024.000	20.0	0.0	0.0	38.4	3.8	0.0	H		0.0	62.2	89.6	-27.4	
9041.000	19.9	0.0	0.0	38.4	3.8	0.0	V		0.0	62.1	89.6	-27.5	

NORTHWEST EMC										RADIATED EMISSIONS DATA SHEET				REV df2.05 07/31/2002	
EUT: WN-5MP01								Work Order: INMC0024							
Serial Number:								Date: 8/13/02							
Customer: INTERMEC Corporation								Temperature: 77							
Attendees: None								Humidity: 37%							
Cust. Ref. No.:								Barometric Pressure: 30.11							
Tested by: Rod Peloquin						Power: DC from E-net		Job Site: EV01							
TEST SPECIFICATIONS															
Specification: FCC 15.209								Year: Current 47CFR							
Method: ANSI C63.4								Year: 2000							
SAMPLE CALCULATIONS															
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation															
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator															
COMMENTS															
Mid channel, omni antenna															
EUT OPERATING MODES															
Transmitting radio b															
DEVIATIONS FROM TEST STANDARD															
No deviations.															
RESULTS															
								Test Distance (m)		Run #					
Evaluation								0.5 m		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)			
5307.727	52.1	0.0	0.0	34.0	3.0	0.0	V		0.0	89.1	89.6	-0.5			
5305.228	50.8	0.0	0.0	34.0	3.0	0.0	V		0.0	87.8	89.6	-1.8			
5302.729	50.7	0.0	0.0	34.0	3.0	0.0	V		0.0	87.7	89.6	-1.9			
5300.230	50.1	0.0	0.0	34.0	3.0	0.0	V		0.0	87.1	89.6	-2.5			
5297.731	49.9	0.0	0.0	34.0	3.0	0.0	V		0.0	86.8	89.6	-2.8			
5295.232	49.5	0.0	0.0	34.0	3.0	0.0	V		0.0	86.4	89.6	-3.2			
5310.226	49.3	0.0	0.0	34.0	3.0	0.0	V		0.0	86.3	89.6	-3.3			
5292.733	49.0	0.0	0.0	34.0	3.0	0.0	V		0.0	85.9	89.6	-3.7			
5305.228	46.1	0.0	0.0	34.0	3.0	0.0	H		0.0	83.1	89.6	-6.5			
5302.729	46.0	0.0	0.0	34.0	3.0	0.0	H		0.0	83.0	89.6	-6.6			
5307.727	45.7	0.0	0.0	34.0	3.0	0.0	H		0.0	82.7	89.6	-6.9			
5300.230	45.7	0.0	0.0	34.0	3.0	0.0	H		0.0	82.7	89.6	-6.9			
5297.731	45.7	0.0	0.0	34.0	3.0	0.0	H		0.0	82.6	89.6	-7.0			
5310.226	44.3	0.0	0.0	34.0	3.0	0.0	H		0.0	81.3	89.6	-8.3			
5295.232	44.0	0.0	0.0	34.0	3.0	0.0	H		0.0	80.9	89.6	-8.7			
5292.733	43.8	0.0	0.0	34.0	3.0	0.0	H		0.0	80.7	89.6	-8.9			
5290.234	41.1	0.0	0.0	34.0	3.0	0.0	V		0.0	78.0	89.6	-11.6			
5317.723	28.8	0.0	0.0	34.1	3.0	0.0	V		0.0	65.8	89.6	-23.8			
5232.323	28.0	0.0	0.0	33.8	2.9	0.0	V		0.0	64.7	89.6	-24.9			
5267.743	26.9	0.0	0.0	33.9	2.9	0.0	H		0.0	63.8	89.6	-25.8			
9903.000	21.0	0.0	0.0	38.0	4.0	0.0	H		0.0	63.0	89.6	-26.6			

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, omni antenna													
EUT OPERATING MODES													
Transmitting radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												0.5 m	64
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
5282.737	47.6	0.0	0.0	33.9	3.0	0.0	V		0.0	84.5	89.6	-5.1	
5277.739	47.6	0.0	0.0	33.9	3.0	0.0	V		0.0	84.5	89.6	-5.1	
5280.238	47.4	0.0	0.0	33.9	3.0	0.0	V		0.0	84.3	89.6	-5.3	
5275.240	47.4	0.0	0.0	33.9	3.0	0.0	V		0.0	84.3	89.6	-5.3	
5285.236	47.3	0.0	0.0	34.0	3.0	0.0	V		0.0	84.2	89.6	-5.4	
5287.735	46.9	0.0	0.0	34.0	3.0	0.0	V		0.0	83.8	89.6	-5.8	
5272.741	46.6	0.0	0.0	33.9	2.9	0.0	V		0.0	83.5	89.6	-6.1	
5282.737	43.1	0.0	0.0	33.9	3.0	0.0	H		0.0	80.0	89.6	-9.6	
5275.240	43.1	0.0	0.0	33.9	3.0	0.0	H		0.0	80.0	89.6	-9.6	
5285.236	42.9	0.0	0.0	34.0	3.0	0.0	H		0.0	79.8	89.6	-9.8	
5277.739	42.8	0.0	0.0	33.9	3.0	0.0	H		0.0	79.7	89.6	-9.9	
5280.238	42.7	0.0	0.0	33.9	3.0	0.0	H		0.0	79.6	89.6	-10.0	
5287.735	42.4	0.0	0.0	34.0	3.0	0.0	H		0.0	79.3	89.6	-10.3	
5272.741	42.3	0.0	0.0	33.9	2.9	0.0	H		0.0	79.2	89.6	-10.4	
5270.242	42.3	0.0	0.0	33.9	2.9	0.0	V		0.0	79.2	89.6	-10.4	
5290.234	40.9	0.0	0.0	34.0	3.0	0.0	V		0.0	77.8	89.6	-11.8	
5270.242	37.4	0.0	0.0	33.9	2.9	0.0	H		0.0	74.3	89.6	-15.3	
5290.234	35.0	0.0	0.0	34.0	3.0	0.0	H		0.0	71.9	89.6	-17.7	
5182.381	27.4	0.0	0.0	33.6	2.9	0.0	H		0.0	64.0	89.6	-25.6	
9901.000	21.0	0.0	0.0	38.0	4.0	0.0	V		0.0	63.0	89.6	-26.6	
9897.000	20.9	0.0	0.0	38.0	4.0	0.0	H		0.0	62.9	89.6	-26.7	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												0.5 m	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)	
5285.236	62.0	0.0	0.0	34.0	3.0	0.0	V		0.0	98.9	89.6	9.3	
5275.240	61.8	0.0	0.0	33.9	3.0	0.0	V		0.0	98.7	89.6	9.1	
5282.737	61.7	0.0	0.0	33.9	3.0	0.0	V		0.0	98.6	89.6	9.0	
5287.735	61.5	0.0	0.0	34.0	3.0	0.0	V		0.0	98.4	89.6	8.8	
5277.739	61.5	0.0	0.0	33.9	3.0	0.0	V		0.0	98.4	89.6	8.8	
5280.238	61.2	0.0	0.0	33.9	3.0	0.0	V		0.0	98.1	89.6	8.5	
5272.741	60.6	0.0	0.0	33.9	2.9	0.0	V		0.0	97.5	89.6	7.9	
5270.242	57.2	0.0	0.0	33.9	2.9	0.0	V		0.0	94.1	89.6	4.5	
5290.234	52.9	0.0	0.0	34.0	3.0	0.0	V		0.0	89.8	89.6	0.2	
5282.737	50.4	0.0	0.0	33.9	3.0	0.0	H		0.0	87.3	89.6	-2.3	
5285.236	49.8	0.0	0.0	34.0	3.0	0.0	H		0.0	86.7	89.6	-2.9	
5280.238	49.8	0.0	0.0	33.9	3.0	0.0	H		0.0	86.7	89.6	-2.9	
5277.739	49.8	0.0	0.0	33.9	3.0	0.0	H		0.0	86.7	89.6	-2.9	
5287.735	49.5	0.0	0.0	34.0	3.0	0.0	H		0.0	86.4	89.6	-3.2	
5272.741	49.5	0.0	0.0	33.9	2.9	0.0	H		0.0	86.4	89.6	-3.2	
5275.240	49.2	0.0	0.0	33.9	3.0	0.0	H		0.0	86.1	89.6	-3.5	
5290.234	46.5	0.0	0.0	34.0	3.0	0.0	H		0.0	83.4	89.6	-6.2	
5270.242	42.6	0.0	0.0	33.9	2.9	0.0	H		0.0	79.5	89.6	-10.1	
5292.733	33.4	0.0	0.0	34.0	3.0	0.0	V		0.0	70.3	89.6	-19.3	
5222.334	33.5	0.0	0.0	33.8	2.9	0.0	H		0.0	70.2	89.6	-19.4	
5267.743	33.0	0.0	0.0	33.9	2.9	0.0	V		0.0	69.9	89.6	-19.7	

NORTHWEST EMC										RADIATED EMISSIONS DATA SHEET				REV df2.05 07/31/2002	
EUT: WN-5MP01								Work Order: INMC0024							
Serial Number:								Date: 8/13/02							
Customer: INTERMEC Corporation								Temperature: 77							
Attendees: None								Humidity: 37%							
Cust. Ref. No.:								Barometric Pressure: 30.11							
Tested by: Rod Peloquin						Power: DC from E-net		Job Site: EV01							
TEST SPECIFICATIONS															
Specification: FCC 15.209								Year: Current 47CFR							
Method: ANSI C63.4								Year: 2000							
SAMPLE CALCULATIONS															
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation															
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator															
COMMENTS															
Mid channel, corner mount antenna															
EUT OPERATING MODES															
Transmitting radio b															
DEVIATIONS FROM TEST STANDARD															
No deviations.															
RESULTS															
								Test Distance (m)		Run #					
Evaluation								0.5 m		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)			
5307.727	63.1	0.0	0.0	34.0	3.0	0.0	V		0.0	100.1	89.6	10.5			
5302.729	62.6	0.0	0.0	34.0	3.0	0.0	V		0.0	99.6	89.6	10.0			
5297.731	62.5	0.0	0.0	34.0	3.0	0.0	V		0.0	99.4	89.6	9.8			
5295.232	62.5	0.0	0.0	34.0	3.0	0.0	V		0.0	99.4	89.6	9.8			
5305.228	62.3	0.0	0.0	34.0	3.0	0.0	V		0.0	99.3	89.6	9.7			
5300.230	62.3	0.0	0.0	34.0	3.0	0.0	V		0.0	99.3	89.6	9.7			
5292.733	61.8	0.0	0.0	34.0	3.0	0.0	V		0.0	98.7	89.6	9.1			
5310.226	61.3	0.0	0.0	34.0	3.0	0.0	V		0.0	98.3	89.6	8.7			
5302.729	52.1	0.0	0.0	34.0	3.0	0.0	H		0.0	89.1	89.6	-0.5			
5307.727	52.0	0.0	0.0	34.0	3.0	0.0	H		0.0	89.0	89.6	-0.6			
5297.731	51.9	0.0	0.0	34.0	3.0	0.0	H		0.0	88.8	89.6	-0.8			
5305.228	51.5	0.0	0.0	34.0	3.0	0.0	H		0.0	88.5	89.6	-1.1			
5295.232	51.5	0.0	0.0	34.0	3.0	0.0	H		0.0	88.4	89.6	-1.2			
5300.230	51.4	0.0	0.0	34.0	3.0	0.0	H		0.0	88.4	89.6	-1.2			
5292.733	50.3	0.0	0.0	34.0	3.0	0.0	H		0.0	87.2	89.6	-2.4			
5310.226	48.0	0.0	0.0	34.0	3.0	0.0	H		0.0	85.0	89.6	-4.6			
5290.234	47.1	0.0	0.0	34.0	3.0	0.0	V		0.0	84.0	89.6	-5.6			
5290.234	37.8	0.0	0.0	34.0	3.0	0.0	H		0.0	74.7	89.6	-14.9			
5312.725	35.1	0.0	0.0	34.0	3.0	0.0	V		0.0	72.1	89.6	-17.5			
5287.735	34.9	0.0	0.0	34.0	3.0	0.0	V		0.0	71.8	89.6	-17.8			
5315.224	32.1	0.0	0.0	34.0	3.0	0.0	V		0.0	69.1	89.6	-20.5			

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net				Job Site: EV01							
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.5 m		67	
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)	
5335.216	62.0	0.0	0.0	34.1	3.0	0.0	V		0.0	99.1	89.6	9.5	
5342.713	61.9	0.0	0.0	34.1	3.0	0.0	V		0.0	99.0	89.6	9.4	
5345.212	61.8	0.0	0.0	34.1	3.0	0.0	V		0.0	98.9	89.6	9.3	
5350.210	61.7	0.0	0.0	34.2	3.0	0.0	V		0.0	98.8	89.6	9.2	
5347.711	61.6	0.0	0.0	34.1	3.0	0.0	V		0.0	98.7	89.6	9.1	
5340.214	61.6	0.0	0.0	34.1	3.0	0.0	V		0.0	98.7	89.6	9.1	
5337.715	61.6	0.0	0.0	34.1	3.0	0.0	V		0.0	98.7	89.6	9.1	
5332.717	60.8	0.0	0.0	34.1	3.0	0.0	V		0.0	97.9	89.6	8.3	
5345.212	54.0	0.0	0.0	34.1	3.0	0.0	H		0.0	91.1	89.6	1.5	
5337.715	54.0	0.0	0.0	34.1	3.0	0.0	H		0.0	91.1	89.6	1.5	
5347.711	53.9	0.0	0.0	34.1	3.0	0.0	H		0.0	91.0	89.6	1.4	
5340.214	53.8	0.0	0.0	34.1	3.0	0.0	H		0.0	90.9	89.6	1.3	
5342.713	53.7	0.0	0.0	34.1	3.0	0.0	H		0.0	90.8	89.6	1.2	
5350.210	53.5	0.0	0.0	34.2	3.0	0.0	H		0.0	90.6	89.6	1.0	
5335.216	53.4	0.0	0.0	34.1	3.0	0.0	H		0.0	90.5	89.6	0.9	
5332.717	53.3	0.0	0.0	34.1	3.0	0.0	H		0.0	90.4	89.6	0.8	
5320.222	36.1	0.0	0.0	34.1	3.0	0.0	V		0.0	73.1	89.6	-16.5	
5352.709	35.6	0.0	0.0	34.2	3.0	0.0	V		0.0	72.7	89.6	-16.9	
5330.218	34.3	0.0	0.0	34.1	3.0	0.0	V		0.0	71.4	89.6	-18.2	
5355.208	32.5	0.0	0.0	34.2	3.0	0.0	V		0.0	69.6	89.6	-20.0	
5327.719	31.3	0.0	0.0	34.1	3.0	0.0	V		0.0	68.3	89.6	-21.3	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209										Year: Current 47CFR			
Method: ANSI C63.4										Year: 2000			
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, ceiling mount antenna													
EUT OPERATING MODES													
Transmitting radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.5 m		68	
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)	
5287.735	61.4	0.0	0.0	34.0	3.0	0.0	H		0.0	98.3	89.6	8.7	
5285.236	61.4	0.0	0.0	34.0	3.0	0.0	H		0.0	98.3	89.6	8.7	
5282.737	61.3	0.0	0.0	33.9	3.0	0.0	H		0.0	98.2	89.6	8.6	
5280.238	61.2	0.0	0.0	33.9	3.0	0.0	H		0.0	98.1	89.6	8.5	
5277.739	61.2	0.0	0.0	33.9	3.0	0.0	H		0.0	98.1	89.6	8.5	
5275.240	61.1	0.0	0.0	33.9	3.0	0.0	H		0.0	98.0	89.6	8.4	
5272.741	60.5	0.0	0.0	33.9	2.9	0.0	H		0.0	97.4	89.6	7.8	
5270.242	57.0	0.0	0.0	33.9	2.9	0.0	H		0.0	93.9	89.6	4.3	
5290.234	54.5	0.0	0.0	34.0	3.0	0.0	H		0.0	91.4	89.6	1.8	
5285.236	50.4	0.0	0.0	34.0	3.0	0.0	V		0.0	87.3	89.6	-2.3	
5282.737	49.5	0.0	0.0	33.9	3.0	0.0	V		0.0	86.4	89.6	-3.2	
5287.735	49.3	0.0	0.0	34.0	3.0	0.0	V		0.0	86.2	89.6	-3.4	
5275.240	49.3	0.0	0.0	33.9	3.0	0.0	V		0.0	86.2	89.6	-3.4	
5280.238	49.1	0.0	0.0	33.9	3.0	0.0	V		0.0	86.0	89.6	-3.6	
5277.739	49.1	0.0	0.0	33.9	3.0	0.0	V		0.0	86.0	89.6	-3.6	
5272.741	48.5	0.0	0.0	33.9	2.9	0.0	V		0.0	85.4	89.6	-4.2	
5270.242	43.0	0.0	0.0	33.9	2.9	0.0	V		0.0	79.9	89.6	-9.7	
5290.234	42.5	0.0	0.0	34.0	3.0	0.0	V		0.0	79.4	89.6	-10.2	
5292.733	33.6	0.0	0.0	34.0	3.0	0.0	H		0.0	70.5	89.6	-19.1	
5317.723	33.3	0.0	0.0	34.1	3.0	0.0	H		0.0	70.3	89.6	-19.3	
5312.725	32.4	0.0	0.0	34.0	3.0	0.0	H		0.0	69.4	89.6	-20.2	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, ceiling mount antenna													
EUT OPERATING MODES													
Transmitting radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												0.5 m	69
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)	
5305.228	63.8	0.0	0.0	34.0	3.0	0.0	H		0.0	100.8	89.6	11.2	
5297.731	63.2	0.0	0.0	34.0	3.0	0.0	H		0.0	100.1	89.6	10.5	
5302.729	62.8	0.0	0.0	34.0	3.0	0.0	H		0.0	99.8	89.6	10.2	
5307.727	62.7	0.0	0.0	34.0	3.0	0.0	H		0.0	99.7	89.6	10.1	
5300.230	62.7	0.0	0.0	34.0	3.0	0.0	H		0.0	99.7	89.6	10.1	
5295.232	62.7	0.0	0.0	34.0	3.0	0.0	H		0.0	99.6	89.6	10.0	
5292.733	62.5	0.0	0.0	34.0	3.0	0.0	H		0.0	99.4	89.6	9.8	
5310.226	59.1	0.0	0.0	34.0	3.0	0.0	H		0.0	96.1	89.6	6.5	
5307.727	52.2	0.0	0.0	34.0	3.0	0.0	V		0.0	89.2	89.6	-0.4	
5302.729	52.2	0.0	0.0	34.0	3.0	0.0	V		0.0	89.2	89.6	-0.4	
5300.230	51.7	0.0	0.0	34.0	3.0	0.0	V		0.0	88.7	89.6	-0.9	
5305.228	51.6	0.0	0.0	34.0	3.0	0.0	V		0.0	88.6	89.6	-1.0	
5297.731	51.4	0.0	0.0	34.0	3.0	0.0	V		0.0	88.3	89.6	-1.3	
5295.232	51.2	0.0	0.0	34.0	3.0	0.0	V		0.0	88.1	89.6	-1.5	
5290.234	50.9	0.0	0.0	34.0	3.0	0.0	H		0.0	87.8	89.6	-1.8	
5292.733	50.2	0.0	0.0	34.0	3.0	0.0	V		0.0	87.1	89.6	-2.5	
5310.226	49.2	0.0	0.0	34.0	3.0	0.0	V		0.0	86.2	89.6	-3.4	
5290.234	39.1	0.0	0.0	34.0	3.0	0.0	V		0.0	76.0	89.6	-13.6	
5134.937	37.7	0.0	0.0	33.5	2.9	0.0	H		0.0	74.1	89.6	-15.5	
5312.725	34.9	0.0	0.0	34.0	3.0	0.0	H		0.0	71.9	89.6	-17.7	
5287.735	34.8	0.0	0.0	34.0	3.0	0.0	H		0.0	71.7	89.6	-17.9	

NORTHWEST		REV										
EMC		d12.05										
07/31/2002												
EUT: WN-5MP01		Work Order: INMC0024										
Serial Number:		Date: 8/13/02										
Customer: INTERMEC Corporation		Temperature: 77										
Attendees: None		Humidity: 37%										
Cust. Ref. No.:		Barometric Pressure: 30.11										
Tested by: Rod Peloquin		Power: DC from E-net										
		Job Site: EV01										
TEST SPECIFICATIONS												
Specification: FCC 15.209		Year: Current 47CFR										
Method: ANSI C63.4		Year: 2000										
SAMPLE CALCULATIONS												
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation												
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator												
COMMENTS												
High channel, ceiling mount antenna												
EUT OPERATING MODES												
Transmitting radio b												
DEVIATIONS FROM TEST STANDARD												
No deviations.												
RESULTS		Test Distance (m)	Run #									
Evaluation		0.5 m	70									
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)
5340.214	62.6	0.0	0.0	34.1	3.0	0.0	H		0.0	99.7	89.6	10.1
5337.715	62.3	0.0	0.0	34.1	3.0	0.0	H		0.0	99.4	89.6	9.8
5342.713	62.2	0.0	0.0	34.1	3.0	0.0	H		0.0	99.3	89.6	9.7
5345.212	62.0	0.0	0.0	34.1	3.0	0.0	H		0.0	99.1	89.6	9.5
5335.216	61.8	0.0	0.0	34.1	3.0	0.0	H		0.0	98.9	89.6	9.3
5347.711	61.2	0.0	0.0	34.1	3.0	0.0	H		0.0	98.3	89.6	8.7
5332.717	61.2	0.0	0.0	34.1	3.0	0.0	H		0.0	98.3	89.6	8.7
5350.210	60.7	0.0	0.0	34.2	3.0	0.0	H		0.0	97.8	89.6	8.2
5337.715	51.1	0.0	0.0	34.1	3.0	0.0	V		0.0	88.2	89.6	-1.4
5345.212	51.0	0.0	0.0	34.1	3.0	0.0	V		0.0	88.1	89.6	-1.5
5335.216	51.0	0.0	0.0	34.1	3.0	0.0	V		0.0	88.1	89.6	-1.5
5340.214	50.6	0.0	0.0	34.1	3.0	0.0	V		0.0	87.7	89.6	-1.9
5342.713	50.5	0.0	0.0	34.1	3.0	0.0	V		0.0	87.6	89.6	-2.0
5347.711	50.4	0.0	0.0	34.1	3.0	0.0	V		0.0	87.5	89.6	-2.1
5350.210	49.8	0.0	0.0	34.2	3.0	0.0	V		0.0	86.9	89.6	-2.7
5332.717	49.3	0.0	0.0	34.1	3.0	0.0	V		0.0	86.4	89.6	-3.2
5147.422	40.1	0.0	0.0	33.5	2.9	0.0	H		0.0	76.6	89.6	-13.0
5315.224	36.7	0.0	0.0	34.0	3.0	0.0	V		0.0	73.7	89.6	-15.9
5352.709	35.7	0.0	0.0	34.2	3.0	0.0	H		0.0	72.8	89.6	-16.8
5330.218	34.9	0.0	0.0	34.1	3.0	0.0	H		0.0	72.0	89.6	-17.6
5224.832	33.2	0.0	0.0	33.8	2.9	0.0	H		0.0	69.9	89.6	-19.7

NORTHWEST EMC										RADIATED EMISSIONS DATA SHEET				REV df2.05 07/31/2002	
EUT: WN-5MP01								Work Order: INMC0024							
Serial Number:								Date: 8/13/02							
Customer: INTERMEC Corporation								Temperature: 77							
Attendees: None								Humidity: 37%							
Cust. Ref. No.:								Barometric Pressure: 30.11							
Tested by: Rod Peloquin				Power: DC from E-net				Job Site: EV01							
TEST SPECIFICATIONS															
Specification: FCC 15.209								Year: Current 47CFR							
Method: ANSI C63.4								Year: 2000							
SAMPLE CALCULATIONS															
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation															
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator															
COMMENTS															
Low channel, integral antenna															
EUT OPERATING MODES															
Transmitting radio a															
DEVIATIONS FROM TEST STANDARD															
No deviations.															
RESULTS															
								Test Distance (m)		Run #					
Evaluation								0.5 m		71					
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)			
5182.381	63.5	0.0	0.0	33.6	2.9	0.0	V		0.0	100.1	89.6	10.5			
5189.873	63.4	0.0	0.0	33.7	2.9	0.0	V		0.0	100.0	89.6	10.4			
5187.375	63.3	0.0	0.0	33.7	2.9	0.0	V		0.0	99.9	89.6	10.3			
5192.370	63.0	0.0	0.0	33.7	2.9	0.0	V		0.0	99.6	89.6	10.0			
5194.867	62.8	0.0	0.0	33.7	2.9	0.0	V		0.0	99.4	89.6	9.8			
5184.878	62.5	0.0	0.0	33.7	2.9	0.0	V		0.0	99.1	89.6	9.5			
5179.884	61.8	0.0	0.0	33.6	2.9	0.0	V		0.0	98.4	89.6	8.8			
5197.364	61.2	0.0	0.0	33.7	2.9	0.0	V		0.0	97.8	89.6	8.2			
5177.387	58.5	0.0	0.0	33.6	2.9	0.0	V		0.0	95.1	89.6	5.5			
5189.873	54.1	0.0	0.0	33.7	2.9	0.0	H		0.0	90.7	89.6	1.1			
5187.375	54.1	0.0	0.0	33.7	2.9	0.0	H		0.0	90.7	89.6	1.1			
5194.867	54.0	0.0	0.0	33.7	2.9	0.0	H		0.0	90.6	89.6	1.0			
5192.370	54.0	0.0	0.0	33.7	2.9	0.0	H		0.0	90.6	89.6	1.0			
5184.878	54.0	0.0	0.0	33.7	2.9	0.0	H		0.0	90.6	89.6	1.0			
5182.381	53.3	0.0	0.0	33.6	2.9	0.0	H		0.0	89.9	89.6	0.3			
5179.884	52.7	0.0	0.0	33.6	2.9	0.0	H		0.0	89.3	89.6	-0.3			
5197.364	50.0	0.0	0.0	33.7	2.9	0.0	H		0.0	86.6	89.6	-3.0			
5177.387	45.0	0.0	0.0	33.6	2.9	0.0	H		0.0	81.6	89.6	-8.0			
5199.861	38.5	0.0	0.0	33.7	2.9	0.0	V		0.0	75.1	89.6	-14.5			
5174.890	36.0	0.0	0.0	33.6	2.9	0.0	V		0.0	72.6	89.6	-17.0			
5202.358	35.7	0.0	0.0	33.7	2.9	0.0	V		0.0	72.3	89.6	-17.3			

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, integral antenna													
EUT OPERATING MODES													
Transmitting radio a													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.5 m		72	
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)	
5260.246	63.6	0.0	0.0	33.9	2.9	0.0	V		0.0	100.4	89.6	10.8	
5257.747	63.2	0.0	0.0	33.9	2.9	0.0	V		0.0	100.0	89.6	10.4	
5255.248	62.7	0.0	0.0	33.9	2.9	0.0	V		0.0	99.5	89.6	9.9	
5262.745	62.2	0.0	0.0	33.9	2.9	0.0	V		0.0	99.0	89.6	9.4	
5265.244	62.0	0.0	0.0	33.9	2.9	0.0	V		0.0	98.8	89.6	9.2	
5267.743	61.9	0.0	0.0	33.9	2.9	0.0	V		0.0	98.8	89.6	9.2	
5252.749	61.8	0.0	0.0	33.9	2.9	0.0	V		0.0	98.6	89.6	9.0	
5250.250	58.4	0.0	0.0	33.9	2.9	0.0	V		0.0	95.2	89.6	5.6	
5255.248	54.5	0.0	0.0	33.9	2.9	0.0	H		0.0	91.3	89.6	1.7	
5260.246	54.4	0.0	0.0	33.9	2.9	0.0	H		0.0	91.2	89.6	1.6	
5257.747	54.3	0.0	0.0	33.9	2.9	0.0	H		0.0	91.1	89.6	1.5	
5270.242	54.0	0.0	0.0	33.9	2.9	0.0	V		0.0	90.9	89.6	1.3	
5262.745	53.9	0.0	0.0	33.9	2.9	0.0	H		0.0	90.7	89.6	1.1	
5265.244	53.4	0.0	0.0	33.9	2.9	0.0	H		0.0	90.2	89.6	0.6	
5252.749	53.4	0.0	0.0	33.9	2.9	0.0	H		0.0	90.2	89.6	0.6	
5267.743	53.2	0.0	0.0	33.9	2.9	0.0	H		0.0	90.1	89.6	0.5	
5250.250	51.2	0.0	0.0	33.9	2.9	0.0	H		0.0	88.0	89.6	-1.6	
5270.242	42.4	0.0	0.0	33.9	2.9	0.0	H		0.0	79.3	89.6	-10.3	
5077.504	37.6	0.0	0.0	33.3	2.9	0.0	H		0.0	73.8	89.6	-15.8	
5272.741	32.8	0.0	0.0	33.9	2.9	0.0	V		0.0	69.7	89.6	-19.9	
5129.943	32.4	0.0	0.0	33.5	2.9	0.0	H		0.0	68.8	89.6	-20.8	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net				Job Site: EV01							
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, integral antenna													
EUT OPERATING MODES													
Transmitting radio a													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
										Test Distance (m)		Run #	
Evaluation										0.5 m		73	
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)	
5340.214	60.4	0.0	0.0	34.1	3.0	0.0	V		0.0	97.5	89.6	7.9	
5337.715	60.4	0.0	0.0	34.1	3.0	0.0	V		0.0	97.5	89.6	7.9	
5345.212	60.3	0.0	0.0	34.1	3.0	0.0	V		0.0	97.4	89.6	7.8	
5335.216	60.3	0.0	0.0	34.1	3.0	0.0	V		0.0	97.4	89.6	7.8	
5342.713	59.9	0.0	0.0	34.1	3.0	0.0	V		0.0	97.0	89.6	7.4	
5347.711	59.7	0.0	0.0	34.1	3.0	0.0	V		0.0	96.8	89.6	7.2	
5332.717	59.4	0.0	0.0	34.1	3.0	0.0	V		0.0	96.5	89.6	6.9	
5350.210	59.1	0.0	0.0	34.2	3.0	0.0	V		0.0	96.2	89.6	6.6	
5335.216	54.9	0.0	0.0	34.1	3.0	0.0	H		0.0	92.0	89.6	2.4	
5337.715	54.6	0.0	0.0	34.1	3.0	0.0	H		0.0	91.7	89.6	2.1	
5342.713	54.5	0.0	0.0	34.1	3.0	0.0	H		0.0	91.6	89.6	2.0	
5340.214	54.3	0.0	0.0	34.1	3.0	0.0	H		0.0	91.4	89.6	1.8	
5345.212	53.9	0.0	0.0	34.1	3.0	0.0	H		0.0	91.0	89.6	1.4	
5332.717	53.7	0.0	0.0	34.1	3.0	0.0	H		0.0	90.8	89.6	1.2	
5347.711	53.0	0.0	0.0	34.1	3.0	0.0	H		0.0	90.1	89.6	0.5	
5350.210	52.0	0.0	0.0	34.2	3.0	0.0	H		0.0	89.1	89.6	-0.5	
5124.949	35.1	0.0	0.0	33.5	2.9	0.0	V		0.0	71.5	89.6	-18.1	
5330.218	33.5	0.0	0.0	34.1	3.0	0.0	V		0.0	70.6	89.6	-19.0	
5352.709	33.3	0.0	0.0	34.2	3.0	0.0	V		0.0	70.4	89.6	-19.2	
5327.719	31.6	0.0	0.0	34.1	3.0	0.0	V		0.0	68.6	89.6	-21.0	
5355.208	29.5	0.0	0.0	34.2	3.0	0.0	V		0.0	66.6	89.6	-23.0	

NORTHWEST		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EMC													
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net										Job Site: EV01	
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Low channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												0.5 m	74
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)	
5277.739	63.1	0.0	0.0	33.9	3.0	0.0	V		0.0	100.0	89.6	10.4	
5282.737	62.9	0.0	0.0	33.9	3.0	0.0	V		0.0	99.8	89.6	10.2	
5275.240	62.6	0.0	0.0	33.9	3.0	0.0	V		0.0	99.5	89.6	9.9	
5285.236	62.3	0.0	0.0	34.0	3.0	0.0	V		0.0	99.2	89.6	9.6	
5272.741	62.3	0.0	0.0	33.9	2.9	0.0	V		0.0	99.2	89.6	9.6	
5280.238	62.1	0.0	0.0	33.9	3.0	0.0	V		0.0	99.0	89.6	9.4	
5287.735	62.0	0.0	0.0	34.0	3.0	0.0	V		0.0	98.9	89.6	9.3	
5290.234	59.1	0.0	0.0	34.0	3.0	0.0	V		0.0	96.0	89.6	6.4	
5270.242	57.5	0.0	0.0	33.9	2.9	0.0	V		0.0	94.4	89.6	4.8	
5285.236	54.7	0.0	0.0	34.0	3.0	0.0	H		0.0	91.6	89.6	2.0	
5282.737	54.5	0.0	0.0	33.9	3.0	0.0	H		0.0	91.4	89.6	1.8	
5280.238	54.1	0.0	0.0	33.9	3.0	0.0	H		0.0	91.0	89.6	1.4	
5275.240	54.1	0.0	0.0	33.9	3.0	0.0	H		0.0	91.0	89.6	1.4	
5287.735	54.0	0.0	0.0	34.0	3.0	0.0	H		0.0	90.9	89.6	1.3	
5277.739	54.0	0.0	0.0	33.9	3.0	0.0	H		0.0	90.9	89.6	1.3	
5272.741	53.6	0.0	0.0	33.9	2.9	0.0	H		0.0	90.5	89.6	0.9	
5164.902	50.4	0.0	0.0	33.6	2.9	0.0	V		0.0	86.9	89.6	-2.7	
5290.234	48.3	0.0	0.0	34.0	3.0	0.0	H		0.0	85.2	89.6	-4.4	
5270.242	48.0	0.0	0.0	33.9	2.9	0.0	H		0.0	84.9	89.6	-4.7	
5267.743	33.1	0.0	0.0	33.9	2.9	0.0	V		0.0	70.0	89.6	-19.6	
5292.733	32.5	0.0	0.0	34.0	3.0	0.0	V		0.0	69.4	89.6	-20.2	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
Mid channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												0.5 m	75
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
5297.731	61.5	0.0	0.0	34.0	3.0	0.0	V		0.0	98.4	89.6	8.8	
5295.232	61.5	0.0	0.0	34.0	3.0	0.0	V		0.0	98.4	89.6	8.8	
5292.733	61.3	0.0	0.0	34.0	3.0	0.0	V		0.0	98.2	89.6	8.6	
5305.228	61.2	0.0	0.0	34.0	3.0	0.0	V		0.0	98.2	89.6	8.6	
5302.729	61.2	0.0	0.0	34.0	3.0	0.0	V		0.0	98.2	89.6	8.6	
5300.230	61.2	0.0	0.0	34.0	3.0	0.0	V		0.0	98.2	89.6	8.6	
5307.727	61.0	0.0	0.0	34.0	3.0	0.0	V		0.0	98.0	89.6	8.4	
5310.226	59.5	0.0	0.0	34.0	3.0	0.0	V		0.0	96.5	89.6	6.9	
5290.234	55.5	0.0	0.0	34.0	3.0	0.0	V		0.0	92.4	89.6	2.8	
5297.731	54.5	0.0	0.0	34.0	3.0	0.0	H		0.0	91.4	89.6	1.8	
5305.228	54.3	0.0	0.0	34.0	3.0	0.0	H		0.0	91.3	89.6	1.7	
5302.729	53.9	0.0	0.0	34.0	3.0	0.0	H		0.0	90.9	89.6	1.3	
5307.727	53.6	0.0	0.0	34.0	3.0	0.0	H		0.0	90.6	89.6	1.0	
5300.230	53.6	0.0	0.0	34.0	3.0	0.0	H		0.0	90.6	89.6	1.0	
5295.232	53.6	0.0	0.0	34.0	3.0	0.0	H		0.0	90.5	89.6	0.9	
5292.733	53.2	0.0	0.0	34.0	3.0	0.0	H		0.0	90.1	89.6	0.5	
5310.226	50.3	0.0	0.0	34.0	3.0	0.0	H		0.0	87.3	89.6	-2.3	
5290.234	35.3	0.0	0.0	34.0	3.0	0.0	H		0.0	72.2	89.6	-17.4	
5312.725	32.1	0.0	0.0	34.0	3.0	0.0	V		0.0	69.1	89.6	-20.5	
5287.735	31.7	0.0	0.0	34.0	3.0	0.0	V		0.0	68.6	89.6	-21.0	
5285.236	29.3	0.0	0.0	34.0	3.0	0.0	V		0.0	66.2	89.6	-23.4	

NORTHWEST EMC		RADIATED EMISSIONS DATA SHEET										REV df2.05 07/31/2002	
EUT: WN-5MP01		Work Order: INMC0024											
Serial Number:		Date: 8/13/02											
Customer: INTERMEC Corporation		Temperature: 77											
Attendees: None		Humidity: 37%											
Cust. Ref. No.:		Barometric Pressure: 30.11											
Tested by: Rod Peloquin		Power: DC from E-net		Job Site: EV01									
TEST SPECIFICATIONS													
Specification: FCC 15.209		Year: Current 47CFR											
Method: ANSI C63.4		Year: 2000											
SAMPLE CALCULATIONS													
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation													
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator													
COMMENTS													
High channel, corner mount antenna													
EUT OPERATING MODES													
Transmitting radio b													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
RESULTS													
												Test Distance (m)	Run #
Evaluation												0.5 m	76
Other													
Tested By: _____													
Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	
5337.715	60.7	0.0	0.0	34.1	3.0	0.0	V		0.0	97.8	89.6	8.2	
5335.216	60.6	0.0	0.0	34.1	3.0	0.0	V		0.0	97.7	89.6	8.1	
5345.212	60.5	0.0	0.0	34.1	3.0	0.0	V		0.0	97.6	89.6	8.0	
5340.214	60.3	0.0	0.0	34.1	3.0	0.0	V		0.0	97.4	89.6	7.8	
5342.713	60.0	0.0	0.0	34.1	3.0	0.0	V		0.0	97.1	89.6	7.5	
5332.717	59.7	0.0	0.0	34.1	3.0	0.0	V		0.0	96.8	89.6	7.2	
5347.711	59.6	0.0	0.0	34.1	3.0	0.0	V		0.0	96.7	89.6	7.1	
5350.210	59.2	0.0	0.0	34.2	3.0	0.0	V		0.0	96.3	89.6	6.7	
5337.715	53.4	0.0	0.0	34.1	3.0	0.0	H		0.0	90.5	89.6	0.9	
5340.214	53.3	0.0	0.0	34.1	3.0	0.0	H		0.0	90.4	89.6	0.8	
5342.713	53.2	0.0	0.0	34.1	3.0	0.0	H		0.0	90.3	89.6	0.7	
5345.212	53.1	0.0	0.0	34.1	3.0	0.0	H		0.0	90.2	89.6	0.6	
5335.216	53.1	0.0	0.0	34.1	3.0	0.0	H		0.0	90.2	89.6	0.6	
5347.711	52.8	0.0	0.0	34.1	3.0	0.0	H		0.0	89.9	89.6	0.3	
5350.210	52.5	0.0	0.0	34.2	3.0	0.0	H		0.0	89.6	89.6	0.0	
5332.717	52.1	0.0	0.0	34.1	3.0	0.0	H		0.0	89.2	89.6	-0.4	
5312.725	49.2	0.0	0.0	34.0	3.0	0.0	V		0.0	86.2	89.6	-3.4	
5362.706	47.6	0.0	0.0	34.2	3.0	0.0	V		0.0	84.8	89.6	-4.8	
5214.843	46.0	0.0	0.0	33.7	2.9	0.0	V		0.0	82.7	89.6	-6.9	
5352.709	41.2	0.0	0.0	34.2	3.0	0.0	V		0.0	78.3	89.6	-11.3	
5204.855	38.6	0.0	0.0	33.7	2.9	0.0	H		0.0	75.2	89.6	-14.4	