

Intermec Technologies Corporation

**1000CP01, 1000CP02,
1001CP01**

Tested to the following Specification:
FCC 15.247:2010

Report No. INMC0650.1

Report Prepared By



www.nwemc.com
1-888-EMI-CERT

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EMC Test Report

Certificate of Test

Last Date of Test: December 21, 2010
Intermec Technologies Corporation
Model: 1000CP01, 1000CP02, 1001CP01

Emissions			
Test Description	Specification	Test Method	Pass/Fail
Spurious Radiated Emissions	FCC 15.247:2010	ANSI C63.10:2009	Pass

Modifications made to the product
See the Modifications section of this report

Test Facility

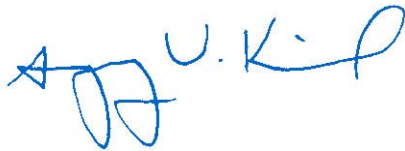
The measurement facility used to collect the data is located at:

Northwest EMC, Inc.
22975 NW Evergreen Parkway, Suite 400
Hillsboro, OR 97124

Phone: (503) 844-4066 Fax: 844-3826

This site has been fully described in a report filed with and accepted by the FCC (Federal Communications Commission) and Industry Canada (Site filing #2834D-1).

Approved By:



Greg Kiemel, Director of Engineering



NVLAP Lab Code: 200630-0

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government of the United States of America.

Product compliance is the responsibility of the client, therefore the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. This Report may only be duplicated in its entirety. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test.

Revision Number	Description	Date	Page Number
00	None		

Barometric Pressure

The recorded barometric pressure has been normalized to sea level.



Accreditations and Authorizations

FCC

Accredited by NVLAP for performance of FCC radio, digital, and ISM device testing. Our Open Area Test Sites, certification chambers, and conducted measurement facilities have been fully described in reports filed with the FCC and accepted by the FCC in letters maintained in our files. Northwest EMC has been accredited by ANSI to ISO / IEC Guide 65 as a product certifier. We have been designated by the FCC as a Telecommunications Certification Body (TCB). This allows Northwest EMC to certify transmitters to FCC specifications in accordance with 47 CFR 2.960 and 2.962.

NVLAP

Northwest EMC, Inc. is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) for satisfactory compliance with the requirements of ISO/IEC 17025 for Testing Laboratories. NVLAP is administered by the National Institute of Standards and Technology (NIST), an agency of the U.S. Commerce Department. The NVLAP accreditation encompasses Electromagnetic Compatibility Testing in accordance with the European Union EMC Directive 2004/108/EC, and ANSI C63.4. Additionally, Northwest EMC is accredited by NVLAP to perform radio testing in accordance with the European Union R&TTE Directive 1999/5/EEC, the requirements of FCC, and the RSS radio standards for Industry Canada.

Industry Canada

Accredited by NVLAP for performance of Industry Canada RSS and ICES testing. Our Open Area Test Sites and certification chambers comply with RSS-Gen, Issue 2 and have been filed with Industry Canada and accepted. Northwest EMC has been accredited by ANSI to ISO / IEC Guide 65 as a product certifier. We have been designated by NIST and recognized by Industry Canada as a Certification Body (CB) per the APEC Mutual Recognition Arrangement (MRA). This allows Northwest EMC to certify transmitters to Industry Canada technical requirements. (*Site Filing Numbers - Hillsboro: 2834D-1, 2834D-2, Sultan: 2834C-1, Irvine: 2834B-1, 2834B-2, Brooklyn Park: 2834E-1*)

CAB

Designated by NIST and validated by the European Commission as a Conformity Assessment Body (CAB) to conduct tests and approve products to the EMC directive and transmitters to the R&TTE directive, as described in the U.S. - EU Mutual Recognition Agreement.

Australia/New Zealand

The National Association of Testing Authorities (NATA), Australia has been appointed by the ACA as an accreditation body to accredit test laboratories and competent bodies for EMC standards. Accredited test reports or assessments by competent bodies must carry the NATA logo. Test reports made by an overseas laboratory that has been accredited for the relevant standards by an overseas accreditation body that has a Mutual Recognition Agreement (MRA) with NATA are also accepted as technical grounds for product conformity. The report should be endorsed with the respective logo of the accreditation body (NVLAP).



Accreditations and Authorizations

VCCI

Accepted as an Associate Member to the VCCI, Acceptance No. 564. Conducted and radiated measurement facilities have been registered in accordance with Regulations for Voluntary Control Measures, Article 8. (*Registration Numbers. - Hillsboro: C-1071, R-1025, G-84, C-2687, T-1658, and R-2318, Irvine: R-1943, G-85, C-2766, and T-1659, Sultan: R-871, G-83, C-1784, and T-1511, Brooklyn Park: R-3125, G-86, G-141, C-3464, and T-1634.*)

BSMI

Northwest EMC has been designated by NIST and validated by C-Taipei (BSMI) as a CAB to conduct tests as described in the APEC Mutual Recognition Agreement (US0017).

GOST

Northwest EMC, Inc. has been assessed and accredited by the Russian Certification bodies Certinform VNIINMASH, CERTINFO, SAMTES, and Federal CHEC, to perform EMC and Hygienic testing for Information Technology Products. As a result of their laboratory assessment, they will accept test results from Northwest EMC, Inc. for product certification

KCC

Northwest EMC, Inc is a CAB designated by MRA partners and recognized by Korea. (*Assigned Lab Numbers: Hillsboro: US0017, Irvine: US0158, Sultan: US0157, Brooklyn Park: US0175*)

VIETNAM

Vietnam MIC has approved Northwest EMC as an accredited test lab. Per Decision No. 194/QD-QLCL (dated December 15, 2009), Northwest EMC test reports can be used for Vietnam approval submissions.

SCOPE

For details on the Scopes of our Accreditations, please visit:

<http://www.nwemc.com/accreditations/>



Northwest EMC Locations



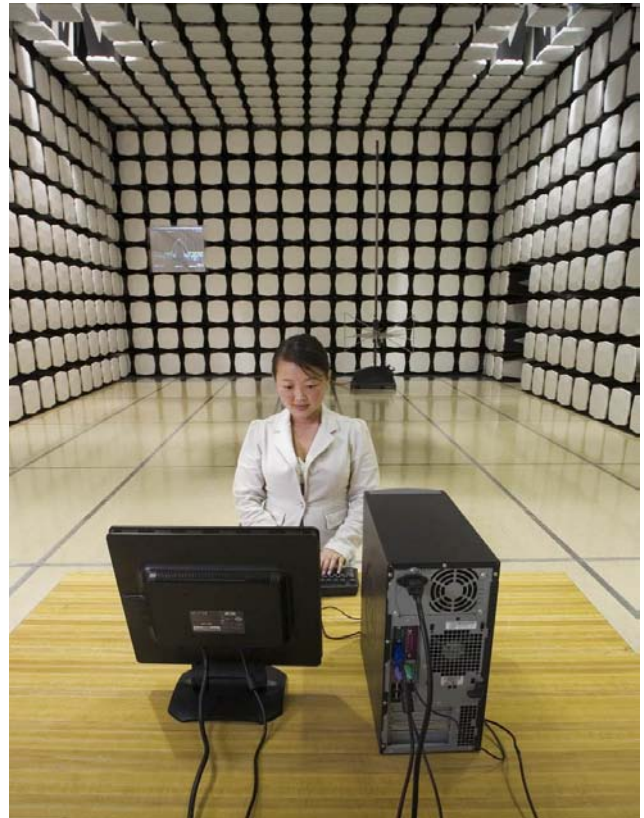
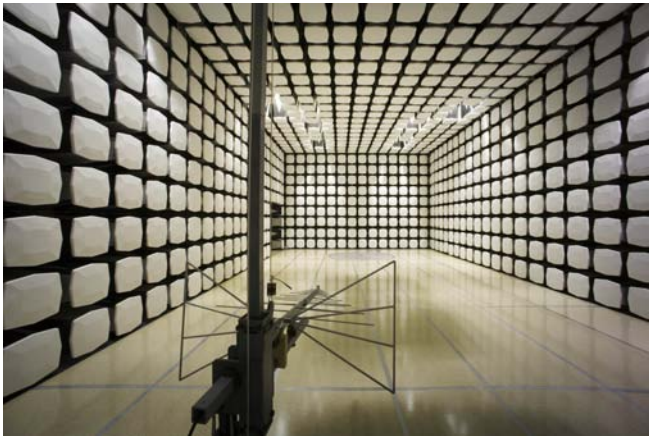
Oregon
Labs EV01-EV12
22975 NW Evergreen Pkwy
Suite 400
Hillsboro, OR 97124
(503) 844-4066

California
Labs OC01-OC13
41 Tesla
Irvine, CA 92618
(949) 861-8918

Minnesota
Labs MN01-MN08
9349 W Broadway Ave.
Brooklyn Park,
MN 55445
(763) 425-2281

Washington
Labs SU01-SU07
14128 339th Ave. SE
Sultan, WA 98294
(360) 793-8675

New York
Labs WA01-WA04
4939 Jordan Rd.
Elbridge, NY 13060
(315) 685-0796



Party Requesting the Test

Company Name:	Intermec Technologies Corporation
Address:	6001 36th Avenue West
City, State, Zip:	Everett, WA 98203-1264
Test Requested By:	Wayne Rieger
Model:	1000CP01, 1000CP02, 1001CP01
First Date of Test:	December 21, 2010
Last Date of Test:	December 21, 2010
Receipt Date of Samples:	December 6, 2010
Equipment Design Stage:	Production
Equipment Condition:	No Damage

Information Provided by the Party Requesting the Test**Functional Description of the EUT (Equipment Under Test):**

Handheld computers containing the Intermec Model RC12 radio module. The module is an 802.11 a/b/g/n - Bluetooth radio.

Testing Objective:

To demonstrate compliance with FCC 15.247 spurious radiated emissions requirement for the Bluetooth portion of the radio. The RC12 radio module has been previously tested in a stand-alone configuration using a higher gain antenna of the same type. This testing in the Models 1000CP01, 1000CP02, and 1001CP01 handheld computers is done for an additional assurance of compliance.

CONFIGURATION 1 INMC0650**Software/Firmware Running during test**

Description	Version
Regulatory Test Tool	RTT_1.01.00.0007

EUT

Description	Manufacturer	Model/Part Number	Serial Number
Data Terminal	Intermec Technologies Corporation	1000CP01	2831147092

Peripherals in test setup boundary

Description	Manufacturer	Model/Part Number	Serial Number
USB SNAPON	Intermec Technologies Corporation	225-773-001	HDI5P D-SUB, A3
Power Supply	Intermec Technologies Corporation	AE39	02061000875

Cables

Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
AC power	No	1.8	No	Power Supply	AC Mains
Power	PA	1.8	PA	Power Supply	USB SNAPON
Serial to USB	Yes	0.2	Yes	USB SNAPON	USB Cable
USB	Yes	0.2	No	Serial to USB	Unterminated

PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown.

CONFIGURATION 2 INMC0650**Software/Firmware Running during test**

Description	Version
Regulatory Test Tool	RTT_1.01.00.0007

EUT

Description	Manufacturer	Model/Part Number	Serial Number
Data Terminal	Intermec Technologies Corporation	1000CP02	2831147193

Peripherals in test setup boundary

Description	Manufacturer	Model/Part Number	Serial Number
USB SNAPON	Intermec Technologies Corporation	225-773-001	HDI5P D-SUB, A3
Power Supply	Intermec Technologies Corporation	AE39	02061000875

Cables

Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
AC power	No	1.8	No	Power Supply	AC Mains
Power	PA	1.8	PA	Power Supply	USB SNAPON
Serial to USB	Yes	0.2	Yes	USB SNAPON	USB Cable
USB	Yes	0.2	No	Serial to USB	Unterminated

PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown.

CONFIGURATION 3 INMC0650**Software/Firmware Running during test**

Description	Version
Regulatory Test Tool	RTT_1.01.00.0007

EUT

Description	Manufacturer	Model/Part Number	Serial Number
Data Terminal	Intermec Technologies Corporation	1001CP01	2831147306

Peripherals in test setup boundary

Description	Manufacturer	Model/Part Number	Serial Number
USB SNAPON	Intermec Technologies Corporation	225-773-001	HDI5P D-SUB, A3
Power Supply	Intermec Technologies Corporation	AE39	02061000875

Cables

Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
AC power	No	1.8	No	Power Supply	AC Mains
Power	PA	1.8	PA	Power Supply	USB SNAPON
Serial to USB	Yes	0.2	Yes	USB SNAPON	USB Cable
USB	Yes	0.2	No	Serial to USB	Unterminated

PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown.

Equipment modifications

Item	Date	Test	Modification	Note	Disposition of EUT
1	12/21/2010	Spurious Radiated Emission	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	Scheduled testing was completed.

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

MODES OF OPERATION

Continuous Tx. DH5 (GFSK)
Continuous Tx. 2DH5
Continuous Tx. 3DH5

FREQUENCIES INVESTIGATED

Low Channel
Mid Channel
High Channel

POWER SETTINGS INVESTIGATED

120VAC/60Hz

FREQUENCY RANGE INVESTIGATED

Start Frequency 30 MHz Stop Frequency 26 GHz

SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Spectrum Analyzer	Agilent	E4446A	AAQ	1/6/2010	12
High Pass Filter	Micro-Tronics	HPM50112	HGA	10/1/2009	13
5.725-5.875 Notch Filter	Micro-Tronics	BRC50705	HGJ	9/29/2010	13
5.47-5.725 Notch Filter	Micro-Tronics	BRC50704	HGI	9/29/2010	13
5.25 GHz Notch Filter	K&L Microwave	8N50-5250/X200-0/0	HFK	4/2/2010	13
OC Cable	ESM Cable Corp.	KMKM-72	OCV	11/3/2009	16
Cable	ESM Cable Corp.	KMKM-72	EVY	11/3/2009	16
EV12 Cables	N/A	Standard Gain Horn Cables	EVU	7/14/2010	13
EV12 Cables	N/A	Double Ridge Horn Cables	EVT	11/22/2010	13
EV12 Cables	N/A	Bilog Cables	EVS	7/14/2010	13
Pre-Amplifier	Miteq	JSW45-26004000-40-5P	AVR	6/22/2010	13
Pre-Amplifier	Miteq	AMF-6F-18002650-25-10P	AVU	12/15/2010	13
Pre-Amplifier	Miteq	AMF-6F-12001800-30-10P	AVI	7/14/2010	13
Pre-Amplifier	Miteq	AMF-6F-08001200-30-10P	AVH	7/14/2010	13
Pre-Amplifier	Miteq	AMF-3D00100800-32-13P	AVF	7/14/2010	13
Pre-Amplifier	Miteq	AM-1616-1000	AVM	7/14/2010	13
Antenna, Horn	ETS Lindgren	3160-10	AIW	NCR	0
Antenna, Horn	ETS Lindgren	3160-09	AIV	NCR	0
Antenna, Horn	ETS	3160-08	AIA	NCR	0
Antenna, Horn	ETS	3160.07	AHZ	9/8/2010	24
Antenna, Horn	ETS	3115	AIB	9/8/2010	24
Antenna, Biconilog	EMCO	3141	AXG	2/15/2010	13
Spectrum Analyzer	Agilent	E4440A	AAX	5/14/2010	12

MEASUREMENT BANDWIDTHS

Frequency Range (MHz)	Peak Data (kHz)	Quasi-Peak Data (kHz)	Average Data (kHz)
0.01 - 0.15	1.0	0.2	0.2
0.15 - 30.0	10.0	9.0	9.0
30.0 - 1000	100.0	120.0	120.0
Above 1000	1000.0	N/A	1000.0

Measurements were made using the bandwidths and detectors specified. No video filter was used.

MEASUREMENT UNCERTAINTY

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4. The measurement uncertainty estimation is available upon request.

TEST DESCRIPTION

The highest gain of each type of antenna to be used with the EUT was tested. The EUT was configured for low, mid, and high band transmit frequencies. For each configuration, the spectrum was scanned throughout the specified range. In addition, measurements were made in the restricted bands to verify compliance. While scanning, emissions from the EUT were maximized by rotating the EUT on a turntable, adjusting the position of the EUT and the EUT antenna in three orthogonal axis, and adjusting measurement antenna height and polarization, and manipulating the EUT antenna in 3 orthogonal planes (per ANSI C63.10:2009). A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

EUT: 1000CP01	Work Order: INMC0650
Serial Number: 2831147092	Date: 12/21/10
Customer: Intermec technologies Corporation	Temperature: 19.2
Attendees: None	Humidity: 37%
Project: None	Barometric Pres.: 29.63
Tested by: Greg Kiemel	Power: 120V, 60Hz
	Job Site: EV01

TEST SPECIFICATIONS	Test Method
FCC 15.247:2010	ANSI C63.10:2009

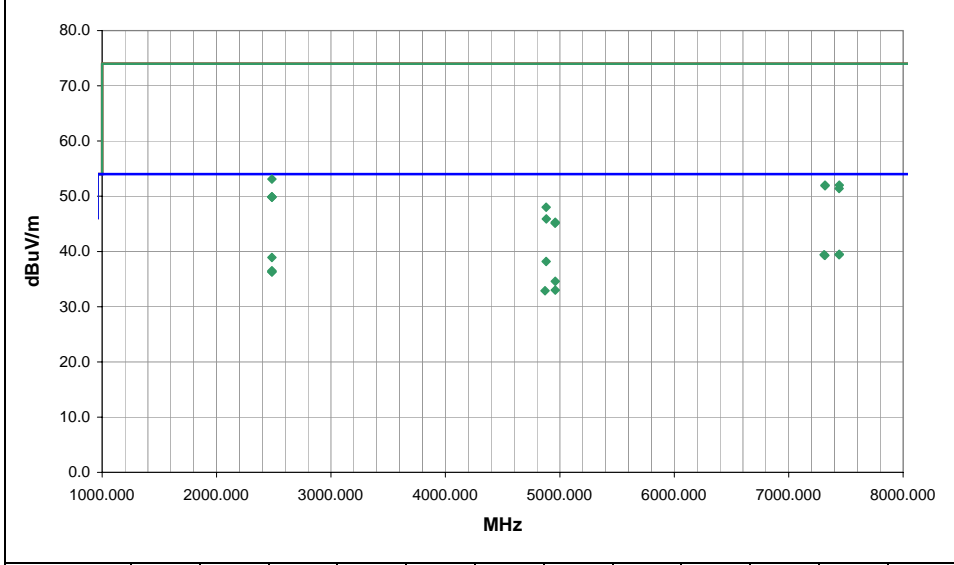
TEST PARAMETERS
Antenna Height(s) (m) 1 - 4 Test Distance (m) 3

COMMENTS
Bluetooth Continuous Transmit

EUT OPERATING MODES
See notes

DEVIATIONS FROM TEST STANDARD
No deviations.

Run #	1	Signature <i>Greg Kiemel</i>
Configuration #	1	
Results	Pass	



Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Azimuth (degrees)	Height (meters)	Distance (meters)	External Attenuation (dB)	Polarity	Detector	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	Comments
7442.480	23.4	16.1	310.0	1.0	0.0	0.0	V-Horn	AV	0.0	39.5	54.0	-14.5	Unit A2, High channel DH5, EUT on side
7309.817	23.7	15.7	349.0	1.0	0.0	0.0	V-Horn	AV	0.0	39.4	54.0	-14.6	Unit A2, Mid channel DH5, EUT on side
7440.640	23.3	16.1	345.0	1.0	0.0	0.0	H-Horn	AV	0.0	39.4	54.0	-14.6	Unit A2, High channel DH5, EUT on side
7316.117	23.6	15.7	124.0	1.0	0.0	0.0	H-Horn	AV	0.0	39.3	54.0	-14.7	Unit A2, Mid channel DH5, EUT on side
2483.482	26.6	2.3	93.0	1.0	0.0	10.0	V-Horn	AV	0.0	38.9	54.0	-15.1	Unit A2, High channel 3DH5, EUT on side
4880.067	28.5	9.7	258.0	1.0	0.0	0.0	V-Horn	AV	0.0	38.2	54.0	-15.8	Unit A2, Mid channel DH5, EUT on side
2483.467	24.2	2.3	73.0	1.0	0.0	10.0	V-Horn	AV	0.0	36.5	54.0	-17.5	Unit A2, High channel DH5, EUT on side
2483.486	24.0	2.3	87.0	2.9	0.0	10.0	H-Horn	AV	0.0	36.3	54.0	-17.7	Unit A2, High channel DH5, EUT on side
2483.523	24.0	2.3	86.0	2.1	0.0	10.0	H-Horn	AV	0.0	36.3	54.0	-17.7	Unit A2, High channel 3DH5, EUT on side
4959.980	24.5	10.1	253.0	1.0	0.0	0.0	V-Horn	AV	0.0	34.6	54.0	-19.4	Unit A2, High channel DH5, EUT on side
2483.497	40.8	2.3	93.0	1.0	0.0	10.0	V-Horn	PK	0.0	53.1	74.0	-20.9	Unit A2, High channel 3DH5, EUT on side
4960.370	22.9	10.1	179.0	2.7	0.0	0.0	H-Horn	AV	0.0	33.0	54.0	-21.0	Unit A2, High channel DH5, EUT on side
4869.867	23.2	9.7	265.0	1.7	0.0	0.0	H-Horn	AV	0.0	32.9	54.0	-21.1	Unit A2, Mid channel DH5, EUT on side
7318.300	36.4	15.6	124.0	1.0	0.0	0.0	H-Horn	PK	0.0	52.0	74.0	-22.0	Unit A2, Mid channel DH5, EUT on side
7441.920	35.9	16.1	345.0	1.0	0.0	0.0	H-Horn	PK	0.0	52.0	74.0	-22.0	Unit A2, High channel DH5, EUT on side
7317.700	36.3	15.6	349.0	1.0	0.0	0.0	V-Horn	PK	0.0	51.9	74.0	-22.1	Unit A2, Mid channel DH5, EUT on side
7441.330	35.3	16.1	310.0	1.0	0.0	0.0	V-Horn	PK	0.0	51.4	74.0	-22.6	Unit A2, High channel DH5, EUT on side
2483.493	37.6	2.3	73.0	1.0	0.0	10.0	V-Horn	PK	0.0	49.9	74.0	-24.1	Unit A2, High channel DH5, EUT on side
2483.507	37.6	2.3	87.0	2.9	0.0	10.0	H-Horn	PK	0.0	49.9	74.0	-24.1	Unit A2, High channel DH5, EUT on side
2483.518	37.5	2.3	86.0	2.1	0.0	10.0	H-Horn	PK	0.0	49.8	74.0	-24.2	Unit A2, High channel 3DH5, EUT on side
4880.150	38.3	9.7	258.0	1.0	0.0	0.0	V-Horn	PK	0.0	48.0	74.0	-26.0	Unit A2, Mid channel DH5, EUT on side
4881.333	36.2	9.7	265.0	1.7	0.0	0.0	H-Horn	PK	0.0	45.9	74.0	-28.1	Unit A2, Mid channel DH5, EUT on side
4959.770	35.2	10.1	253.0	1.0	0.0	0.0	V-Horn	PK	0.0	45.3	74.0	-28.7	Unit A2, High channel DH5, EUT on side
4958.260	35.0	10.1	179.0	2.7	0.0	0.0	H-Horn	PK	0.0	45.1	74.0	-28.9	Unit A2, High channel DH5, EUT on side

EUT: 1000CP02	Work Order: INMC0650
Serial Number: 2831147193	Date: 12/21/10
Customer: Intermec technologies Corporation	Temperature: 19.2
Attendees: None	Humidity: 37%
Project: None	Barometric Pres.: 29.63
Tested by: Greg Kiemel	Power: 120V, 60Hz
	Job Site: EV01

TEST SPECIFICATIONS	Test Method
FCC 15.247:2010	ANSI C63.10:2009

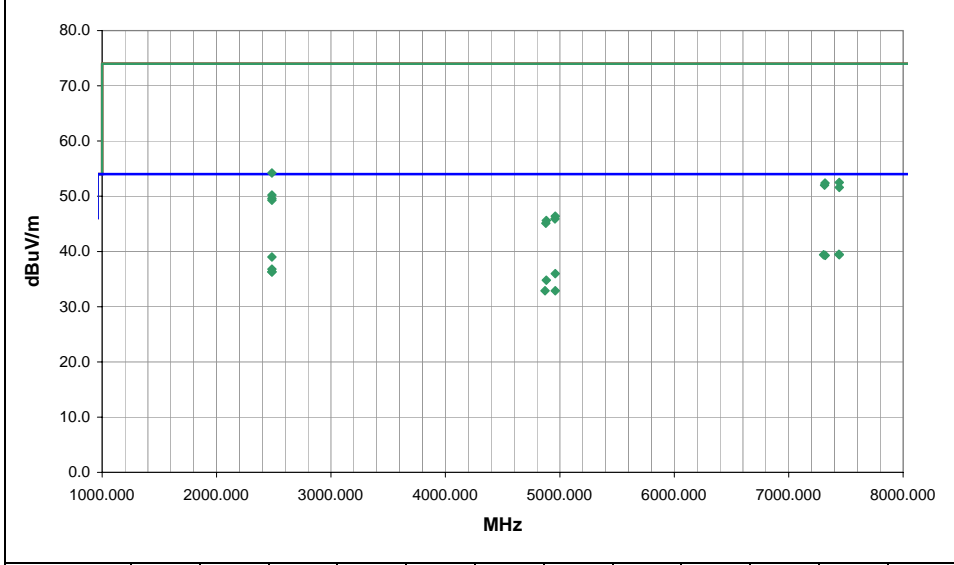
TEST PARAMETERS			
Antenna Height(s) (m)	1 - 4	Test Distance (m)	3

COMMENTS
Bluetooth Continuous Transmit

EUT OPERATING MODES
See notes

DEVIATIONS FROM TEST STANDARD
No deviations.

Run #	2	Signature <i>JKP</i>
Configuration #	2	
Results	Pass	



Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Azimuth (degrees)	Height (meters)	Distance (meters)	External Attenuation (dB)	Polarity	Detector	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	Comments
7439.680	23.4	16.1	126.0	1.0	3.0	0.0	V-Horn	AV	0.0	39.5	54.0	-14.5	Unit B2, High channel DH5, EUT on side
7309.517	23.7	15.7	360.0	2.1	3.0	0.0	H-Horn	AV	0.0	39.4	54.0	-14.6	Unit B2, Mid channel DH5, EUT on side
7442.267	23.3	16.1	86.0	1.0	3.0	0.0	H-Horn	AV	0.0	39.4	54.0	-14.6	Unit B2, High channel DH5, EUT on side
7318.533	23.7	15.6	225.0	1.0	3.0	0.0	V-Horn	AV	0.0	39.3	54.0	-14.7	Unit B2, Mid channel DH5, EUT on side
2483.492	26.7	2.3	149.0	1.0	3.0	10.0	V-Horn	AV	0.0	39.0	54.0	-15.0	Unit B2, High channel 3DH5, EUT on side
2483.500	24.5	2.3	278.0	3.4	3.0	10.0	V-Horn	AV	0.0	36.8	54.0	-17.2	Unit B2, High channel 3DH5, EUT on side
2483.520	24.0	2.3	192.0	1.0	3.0	10.0	V-Horn	AV	0.0	36.3	54.0	-17.7	Unit B2, High channel DH5, EUT on side
2483.522	24.0	2.3	159.0	2.8	3.0	10.0	H-Horn	AV	0.0	36.3	54.0	-17.7	Unit B2, High channel DH5, EUT on side
4960.040	25.9	10.1	271.0	1.0	3.0	0.0	V-Horn	AV	0.0	36.0	54.0	-18.0	Unit B2, High channel DH5, EUT on side
4882.050	25.1	9.7	249.0	1.0	3.0	0.0	V-Horn	AV	0.0	34.8	54.0	-19.2	Unit B2, Mid channel DH5, EUT on side
2483.520	41.9	2.3	149.0	1.0	3.0	10.0	V-Horn	PK	0.0	54.2	74.0	-19.8	Unit B2, High channel 3DH5, EUT on side
4870.550	23.2	9.7	28.0	1.6	3.0	0.0	H-Horn	AV	0.0	32.9	54.0	-21.1	Unit B2, Mid channel DH5, EUT on side
4959.973	22.8	10.1	96.0	2.7	3.0	0.0	H-Horn	AV	0.0	32.9	54.0	-21.1	Unit B2, High channel DH5, EUT on side
7441.840	36.4	16.1	126.0	1.0	3.0	0.0	V-Horn	PK	0.0	52.5	74.0	-21.5	Unit B2, High channel DH5, EUT on side
7317.167	36.8	15.6	360.0	2.1	3.0	0.0	H-Horn	PK	0.0	52.4	74.0	-21.6	Unit B2, Mid channel DH5, EUT on side
7312.783	36.4	15.6	225.0	1.0	3.0	0.0	V-Horn	PK	0.0	52.0	74.0	-22.0	Unit B2, Mid channel DH5, EUT on side
7441.960	35.5	16.1	86.0	1.0	3.0	0.0	H-Horn	PK	0.0	51.6	74.0	-22.4	Unit B2, High channel DH5, EUT on side
2483.494	37.9	2.3	159.0	2.8	3.0	10.0	H-Horn	PK	0.0	50.2	74.0	-23.8	Unit B2, High channel DH5, EUT on side
2483.489	37.3	2.3	278.0	3.4	3.0	10.0	H-Horn	PK	0.0	49.6	74.0	-24.4	Unit B2, High channel 3DH5, EUT on side
2483.491	37.0	2.3	192.0	1.0	3.0	10.0	V-Horn	PK	0.0	49.3	74.0	-24.7	Unit B2, High channel DH5, EUT on side
4959.907	36.3	10.1	271.0	1.0	3.0	0.0	V-Horn	PK	0.0	46.4	74.0	-27.6	Unit B2, High channel DH5, EUT on side
4956.627	35.8	10.1	96.0	2.7	3.0	0.0	H-Horn	PK	0.0	45.9	74.0	-28.1	Unit B2, High channel DH5, EUT on side
4881.317	35.9	9.7	249.0	1.0	3.0	0.0	V-Horn	PK	0.0	45.6	74.0	-28.4	Unit B2, Mid channel DH5, EUT on side
4877.300	35.4	9.7	28.0	1.6	3.0	0.0	H-Horn	PK	0.0	45.1	74.0	-28.9	Unit B2, Mid channel DH5, EUT on side

EUT: 1001CP01	Work Order: INMC0650
Serial Number: 2831147306	Date: 12/21/10
Customer: Intermec technologies Corporation	Temperature: 21.3 C
Attendees: None	Humidity: 34%
Project: None	Barometric Pres.: 1004.6 mb
Tested by: Dan Haas	Power: 120VAC/60Hz
	Job Site: EV01

TEST SPECIFICATIONS	
FCC 15.247:2010	Test Method ANSI C63.10:2009

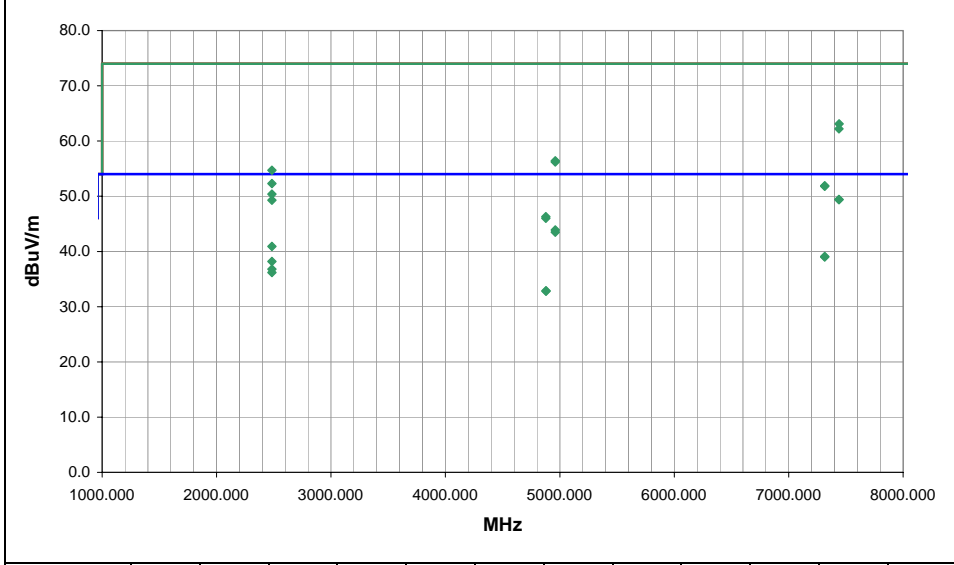
TEST PARAMETERS			
Antenna Height(s) (m)	1 - 4	Test Distance (m)	3

COMMENTS
Bluetooth Continuous Transmit

EUT OPERATING MODES
See Note

DEVIATIONS FROM TEST STANDARD
No deviations.

Run #	3	Signature 
Configuration #	3	
Results	Pass	



Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Azimuth (degrees)	Height (meters)	Distance (meters)	External Attenuation (dB)	Polarity	Detector	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	Comments
2483.500	28.6	2.3	88.0	1.0	3.0	10.0	V-Horn	AV	0.0	40.9	54.0	-13.1	Unit C2, High channel 3DH5, EUT on side
7439.610	23.3	16.1	270.0	1.0	3.0	0.0	V-Horn	AV	0.0	49.4	54.0	-14.6	Unit C2, High channel DH5, EUT on side
7439.837	23.3	16.1	90.0	1.0	3.0	0.0	H-Horn	AV	0.0	49.4	54.0	-14.6	Unit C2, High channel DH5, EUT on side
7314.965	23.5	15.6	0.0	2.5	3.0	0.0	V-Horn	AV	0.0	39.1	54.0	-14.9	Unit C2, Mid channel DH5, EUT on side
7315.082	23.4	15.6	44.0	3.6	3.0	0.0	H-Horn	AV	0.0	39.0	54.0	-15.0	Unit C2, Mid channel DH5, EUT on side
2483.500	25.9	2.3	55.0	1.5	3.0	10.0	H-Horn	AV	0.0	38.2	54.0	-15.8	Unit C2, High channel 3DH5, EUT on side
2484.157	24.5	2.3	343.0	1.0	3.0	10.0	V-Horn	AV	0.0	36.8	54.0	-17.2	Unit C2, High channel DH5, EUT on side
2483.868	23.9	2.3	341.0	1.6	3.0	10.0	H-Horn	AV	0.0	36.2	54.0	-17.8	Unit C2, High channel DH5, EUT on side
2483.600	42.4	2.3	88.0	1.0	3.0	10.0	V-Horn	PK	0.0	54.7	74.0	-19.3	Unit C2, High channel 3DH5, EUT on side
4960.001	23.8	10.1	224.0	1.7	3.0	0.0	V-Horn	AV	0.0	43.9	54.0	-20.1	Unit C2, High channel DH5, EUT on side
4959.992	23.4	10.1	13.0	1.0	3.0	0.0	H-Horn	AV	0.0	43.5	54.0	-20.5	Unit C2, High channel DH5, EUT on side
7440.175	37.0	16.1	270.0	1.0	3.0	0.0	V-Horn	PK	0.0	63.1	74.0	-20.9	Unit C2, High channel DH5, EUT on side
4878.557	23.2	9.7	106.0	1.0	3.0	0.0	H-Horn	AV	0.0	32.9	54.0	-21.1	Unit C2, Mid channel DH5, EUT on side
4878.460	23.1	9.7	360.0	2.0	3.0	0.0	V-Horn	AV	0.0	32.8	54.0	-21.2	Unit C2, Mid channel DH5, EUT on side
2483.543	40.0	2.3	55.0	1.5	3.0	10.0	H-Horn	PK	0.0	52.3	74.0	-21.7	Unit C2, High channel 3DH5, EUT on side
7439.875	36.1	16.1	90.0	1.0	3.0	0.0	H-Horn	PK	0.0	62.2	74.0	-21.8	Unit C2, High channel DH5, EUT on side
7315.102	36.3	15.6	0.0	2.5	3.0	0.0	V-Horn	PK	0.0	51.9	74.0	-22.1	Unit C2, Mid channel DH5, EUT on side
7315.143	36.2	15.6	44.0	3.6	3.0	0.0	H-Horn	PK	0.0	51.8	74.0	-22.2	Unit C2, Mid channel DH5, EUT on side
2483.832	38.1	2.3	341.0	1.6	3.0	10.0	H-Horn	PK	0.0	50.4	74.0	-23.6	Unit C2, High channel DH5, EUT on side
2483.532	37.0	2.3	343.0	1.0	3.0	10.0	V-Horn	PK	0.0	49.3	74.0	-24.7	Unit C2, High channel DH5, EUT on side
4960.178	36.3	10.1	13.0	1.0	3.0	0.0	H-Horn	PK	0.0	56.4	74.0	-27.6	Unit C2, High channel DH5, EUT on side
4877.513	36.6	9.7	360.0	2.0	3.0	0.0	V-Horn	PK	0.0	46.3	74.0	-27.7	Unit C2, Mid channel DH5, EUT on side
4960.375	36.1	10.1	224.0	1.7	3.0	0.0	V-Horn	PK	0.0	56.2	74.0	-27.8	Unit C2, High channel DH5, EUT on side
4878.028	36.3	9.7	106.0	1.0	3.0	0.0	H-Horn	PK	0.0	46.0	74.0	-28.0	Unit C2, Mid channel DH5, EUT on side