

Intermec Technologies Corporation

DRCB Radio in CK32IS Handheld Computer

June 12, 2007

Report No. INMC0362.1

Report Prepared By



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

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EMC Test Report



22975 NW Evergreen Parkway
Suite 400
Hillsboro, Oregon 97124

Certificate of Test

Issue Date: June 12, 2007

Intermec Technologies Corporation

Model: DRCB Radio in CK32IS Handheld Computer

Emissions				
Test Description	Specification	Test Method	Pass	Fail
Spurious Radiated Emissions	FCC 15.247:2006	ANSI C63.4:2003, FCC 97-114	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AC Powerline Conducted Emissions	FCC 15.207:2006	ANSI C63.4:2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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.
41 Tesla Avenue
Irvine, CA 92618

Phone: (949) 861-8918 Fax: 861-8923

This site has been fully described in a report filed with and accepted by the FCC (Federal Communications Commission) and Industry Canada.

Approved By:

Don Facteau, IS Manager

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		

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 United States Department of Commerce, National Institute of Standards and Technology, and National Voluntary Laboratory Accreditation Program for satisfactory compliance with the requirements of ISO/IEC 17025 for Testing Laboratories. The NVLAP accreditation encompasses Electromagnetic Compatibility Testing in accordance with the European Union EMC Directive 89/336/EEC, ANSI C63.4, MIL-STD 461E, DO-160D and SAE J1113. 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.



NVLAP LAB CODE 200629-0
NVLAP LAB CODE 200630-0
NVLAP LAB CODE 200676-0
NVLAP LAB CODE 200761-0

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 212, Issue 1 (Provisional) 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.



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.



TÜV Product Service: Included in TÜV Product Service Group's Listing of Recognized Laboratories. It qualifies in connection with the TÜV Certification after Recognition of Agent's Testing Program for the product categories and/or standards shown in TÜV's current Listing of CARAT Laboratories, available from TÜV. A certificate was issued to represent that this laboratory continues to meet TÜV's CARAT Program requirements. Certificate No. USA0604C.



TÜV Rheinland: Authorized to carryout EMC tests by order and under supervision of TÜV Rheinland. This authorization is based on "Conditions for EMC-Subcontractors" of November 1992.



NEMKO: Assessed and accredited by NEMKO (Norwegian testing and certification body) for European emissions and immunity testing. As a result of NEMKO's laboratory assessment, they will accept test results from Northwest EMC, Inc. for product certification (Authorization No. ELA 119).



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).



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, C-2687, T-289, and R-2318, Irvine: R-1943, C-2766, and T-298, Sultan: R-871, C-1784, and T-294*).



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. License No.SL2-IN-E-1017.



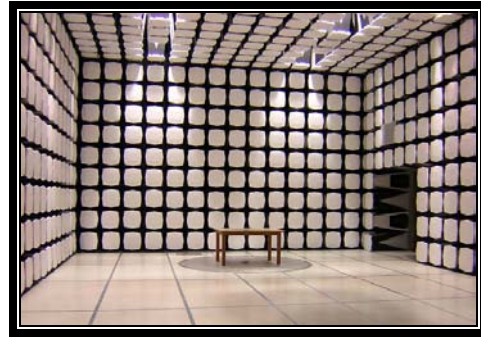
GOST: Northwest EMC, Inc. has been assessed and accredited by the Russian Certification bodies Certinform VNIINMASH, CERTINFO, SAMTES, and Federal CHEC, to perform EMC and Hygienic testing for Information Technology Products. As a result of their laboratory assessment, they will accept test results from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



SCOPE

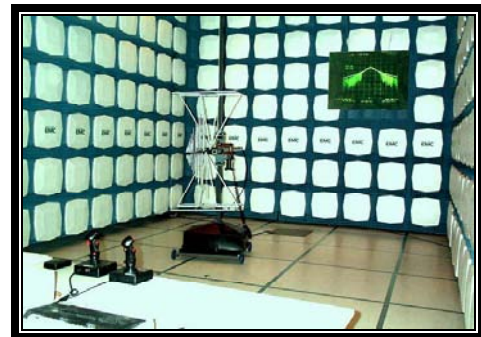
For details on the Scopes of our Accreditations, please visit:

<http://www.nwemc.com/scope.asp>



**California – Orange County Facility
Labs OC01 – OC13**

41 Tesla Ave. Irvine, CA 92618
(888) 364-2378 Fax: (503) 844-3826



**Oregon – Evergreen Facility
Labs EV01 – EV11**

22975 NW Evergreen Pkwy. Suite 400 Hillsboro, OR 97124
(503) 844-4066 Fax: (503) 844-3826



**Washington – Sultan Facility
Labs SU01 – SU07**

14128 339th Ave. SE Sultan, WA 98294
(888) 364-2378

Party Requesting the Test

Company Name:	Intermec Technologies Corporation
Address:	6001 36th Avenue West
City, State, Zip:	Everett, WA 98203-1264
Test Requested By:	Sean MacKellar
Model:	DRCB Radio in CK32IS Handheld Computer
First Date of Test:	May 23, 2007
Last Date of Test:	June 1, 2007
Receipt Date of Samples:	May 23, 2007
Equipment Design Stage:	Production
Equipment Condition:	No Damage

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

DRCB: Wistron 802.11(b)/(g) radio in the CK32IS handheld computer.

Testing Objective:

C2PC of the DRCB radio. The radio has full modular approval (FCC ID: EHADRCD). These tests were performed to show compliance of the DRCB in the CK32IS host co-located with the BTM311.

CONFIGURATION 1 INMC0362**Software/Firmware Running during test**

Description	Version
FCC Test	Firmware version 1.39.0.14, Utility Version 1.01
Bluetooth Agency	Unknown

EUT

Description	Manufacturer	Model/Part Number	Serial Number
802.11(b)/(g) radio module	Wistron	DRCB	None
Bluetooth radio module	Wi2Wi	BTM311	None

Peripherals in test setup boundary

Description	Manufacturer	Model/Part Number	Serial Number
Handheld Computer	Intermec Technologies Corporation	CK32	C007
Comm/Power Adapter	Intermec Technologies Corporation	Unknown	EMC Proto-1
AC Adapter	Intermec Technologies Corporation	851-061-002	537607

Cables

Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
AC	No	2.0m	No	AC Adapter	AC Mains
DC	No	1.8m	No	Comm/Power Adapter	AC Adapter
USB	Yes	1.4m	No	Comm/Power Adapter	Unterminated
Ethernet	No	1.4m	No	Comm/Power Adapter	Unterminated
DC	No	1.0m	No	Handheld Computer	Comm/Power Adapter
Serial	Yes	1.0m	Yes	Handheld Computer	Comm/Power Adapter

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	5/23/2007	AC Powerline Conducted Emissions	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
2	6/1/2007	Spurious Radiated Emissions	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	Scheduled testing was completed.

RADIATED SPURIOUS EMISSIONS

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.

CHANNELS INVESTIGATED

Low channel
Mid channel
High channel

DATA RATES INVESTIGATED

802.11(b), 1 Mbps
802.11(g), 6 Mbps
802.11(b), 11 Mbps
802.11(g), 36 Mbps
802.11(g), 54 Mbps

MODES OF OPERATION INVESTIGATED

Standalone
Comm Adapter Attached

POWER SETTINGS INVESTIGATED

Battery (standalone mode)
120VAC/60Hz (indirectly connected to the AC mains through the Comm adapter)

FREQUENCY RANGE INVESTIGATED

Start Frequency	30 MHz	Stop Frequency	26 GHz
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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
Pre-Amplifier	Miteq	AMF-6F-18002650-25-10P	AOI	7/11/2006	13
Antenna, Horn	EMCO	3160-09	AHN	NCR	0
OC10 SMA cable for 18-26 GHz			OCK	7/11/2006	13
High Pass Filter	Micro-Tronics	HPM50111	HFM	12/17/2006	13
Pre-Amplifier	Miteq	AMF-6F-12001800-30-10P	AOE	10/13/2006	12
Antenna, Horn	ETS	3160-08	AHT	NCR	0
Pre-Amplifier	Miteq	AMF-6F-08001200-30-10P	AOE	10/13/2006	12
Antenna, Horn	ETS	3160-07	AHR	NCR	24
OC10 cables a,b,c,e,f Horn Cables			OCJ	1/14/2007	13
Pre-Amplifier	Miteq	AMF-4D-010120-30-10P-1	AOP	1/14/2007	13
Antenna, Horn	EMCO	3115	AHB	8/1/2005	24
OC 10 Cables a, b, c, I Cables			OCO	1/14/2007	13
Antenna, Biconilog	EMCO	3142	AXJ	3/14/2006	24
OC10 cables a,b,c,d Bilog			OCH	12/17/2006	13
Pre-Amplifier	Miteq	AM-1616-1000	AOM	12/17/2006	13
Spectrum Analyzer	Agilent	E4446A	AAQ	1/18/2007	13

MEASUREMENT BANDWIDTHS

	Frequency Range	Peak Data	Quasi-Peak Data	Average Data
	(MHz)	(kHz)	(kHz)	(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

Measurement uncertainty is used to reflect the accuracy of the measured result as compared with its "true" or theoretically correct value. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4. In the case of transient tests our test equipment has been demonstrated by calibration to provide at least a 95% confidence that it complies with the test specification requirements. The measurement uncertainty for any test 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 EUT antenna in three orthogonal axis, and adjusting the measurement antenna height and polarization (per ANSI C63.4:2003). A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

RADIATED SPURIOUS EMISSIONS DATA SHEET

EUT: DRCB Radio in CK32IS Handheld Computer				Work Order: INMC0362	
Serial Number: C007				Date: 05/30/07	
Customer: Intermec Technologies Corporation				Temperature: 22 °C	
Attendees: None				Humidity: 42%	
Project: None				Barometric Pres.: 30.02	
Tested by: Jaemi Suh		Power: 120VAC/60Hz		Job Site: OC10	

TEST SPECIFICATIONS

Test Method

FCC 15.247:2006

ANSI C63.4:2003, FCC 97-114

TEST PARAMETERS

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

COMMENTS

High Channel 11. Connected to Comm adapter.

EUT OPERATING MODES

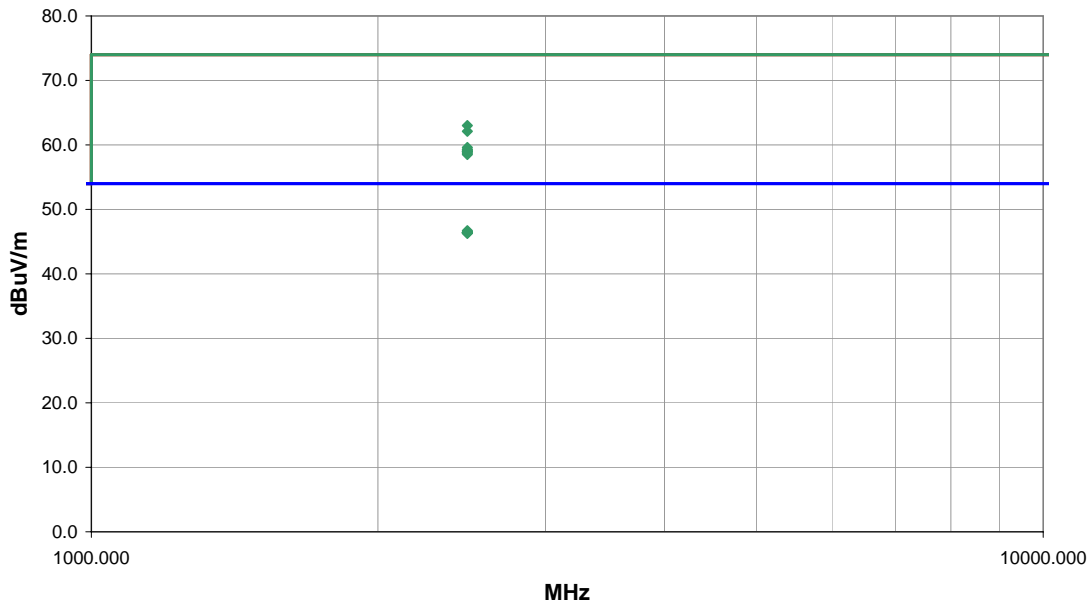
Transmit.

DEVIATIONS FROM TEST STANDARD


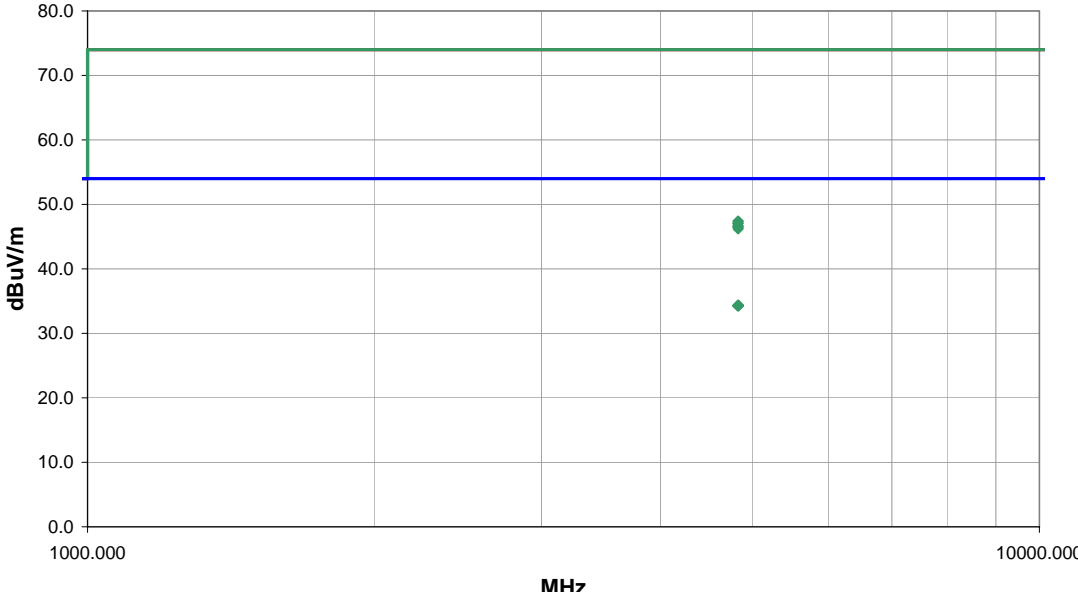
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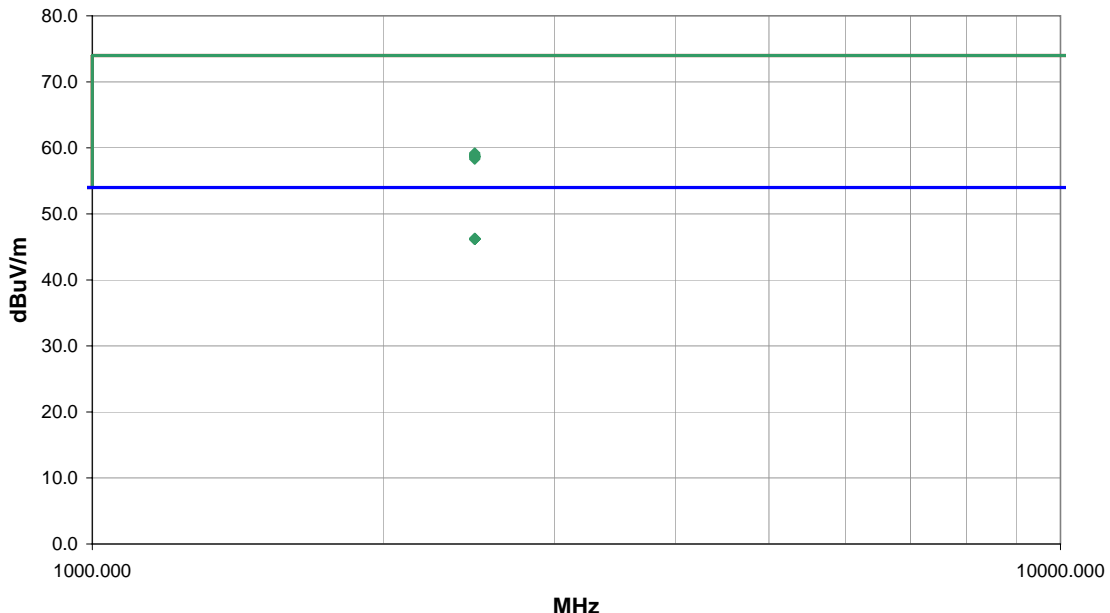
Run #	9
Configuration #	1
Results	Pass


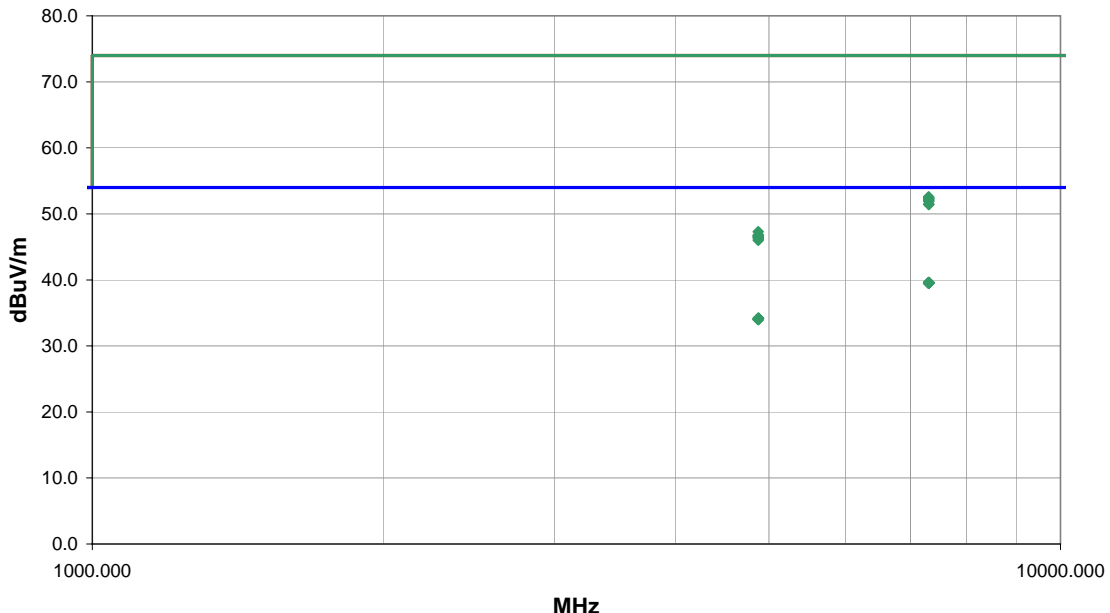
Signature




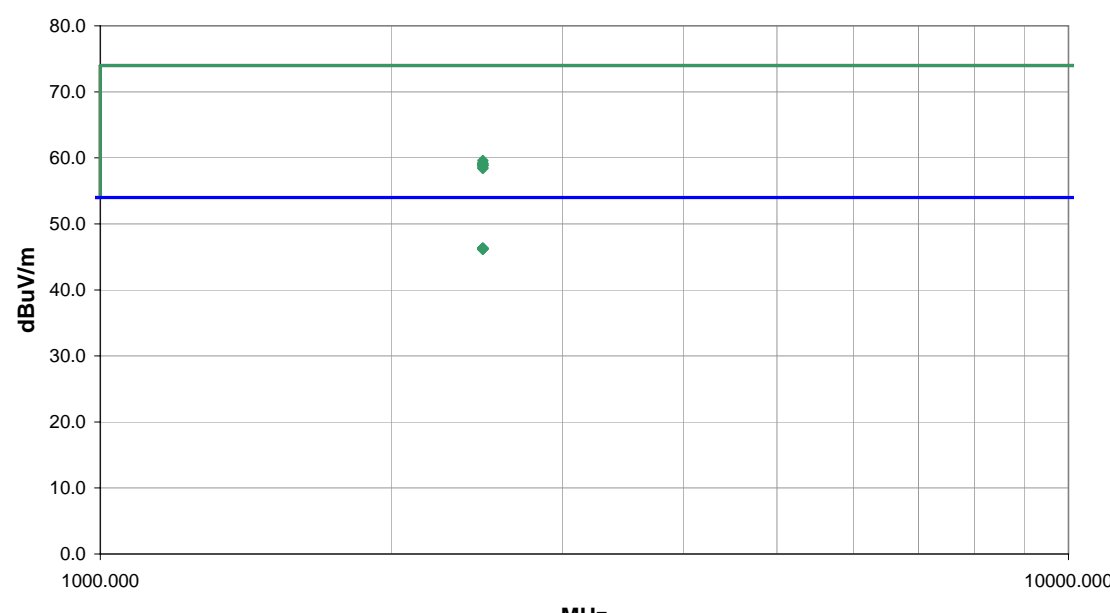
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Azimuth (degrees)	Height (meters)	Distance (meters)	External Attenuation (dB)	Polarity	Detector	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)	Comments
2483.607	25.3	1.4	192.0	1.0	0.0	20.0	V-Horn	AV	0.0	46.7	54.0	-7.3	11 Mbps
2483.179	25.1	1.4	41.0	1.0	0.0	20.0	V-Horn	AV	0.0	46.5	54.0	-7.5	1 Mbps
2483.072	25.0	1.4	188.0	1.6	0.0	20.0	H-Horn	AV	0.0	46.4	54.0	-7.6	11 Mbps
2483.232	25.0	1.4	86.0	2.8	0.0	20.0	H-Horn	AV	0.0	46.4	54.0	-7.6	54 Mbps
2483.242	25.0	1.4	244.0	1.2	0.0	20.0	V-Horn	AV	0.0	46.4	54.0	-7.6	54 Mbps
2483.522	25.0	1.4	41.0	1.0	0.0	20.0	V-Horn	AV	0.0	46.4	54.0	-7.6	6 Mbps
2483.655	25.0	1.4	266.0	1.6	0.0	20.0	H-Horn	AV	0.0	46.4	54.0	-7.6	6 Mbps
2483.848	25.0	1.4	205.0	1.3	0.0	20.0	V-Horn	AV	0.0	46.4	54.0	-7.6	36 Mbps
2483.216	24.9	1.4	156.0	1.0	0.0	20.0	H-Horn	AV	0.0	46.3	54.0	-7.7	1 Mbps
2483.601	24.9	1.4	260.0	1.5	0.0	20.0	H-Horn	AV	0.0	46.3	54.0	-7.7	36 Mbps
2483.378	41.6	1.4	192.0	1.0	0.0	20.0	V-Horn	PK	0.0	63.0	74.0	-11.0	11 Mbps
2483.260	40.7	1.4	244.0	1.2	0.0	20.0	V-Horn	PK	0.0	62.1	74.0	-11.9	54 Mbps
2483.260	38.2	1.4	41.0	1.0	0.0	20.0	V-Horn	PK	0.0	59.6	74.0	-14.4	6 Mbps
2483.264	37.9	1.4	188.0	1.6	0.0	20.0	H-Horn	PK	0.0	59.3	74.0	-14.7	11 Mbps
2483.742	37.8	1.4	41.0	1.0	0.0	20.0	V-Horn	PK	0.0	59.2	74.0	-14.8	1 Mbps
2483.578	37.6	1.4	86.0	2.8	0.0	20.0	H-Horn	PK	0.0	59.0	74.0	-15.0	54 Mbps
2483.746	37.6	1.4	156.0	1.0	0.0	20.0	H-Horn	PK	0.0	59.0	74.0	-15.0	1 Mbps
2483.466	37.5	1.4	266.0	1.6	0.0	20.0	H-Horn	PK	0.0	58.9	74.0	-15.1	6 Mbps
2483.725	37.3	1.4	205.0	1.3	0.0	20.0	V-Horn	PK	0.0	58.7	74.0	-15.3	36 Mbps
2483.422	37.1	1.4	260.0	1.5	0.0	20.0	H-Horn	PK	0.0	58.5	74.0	-15.5	36 Mbps


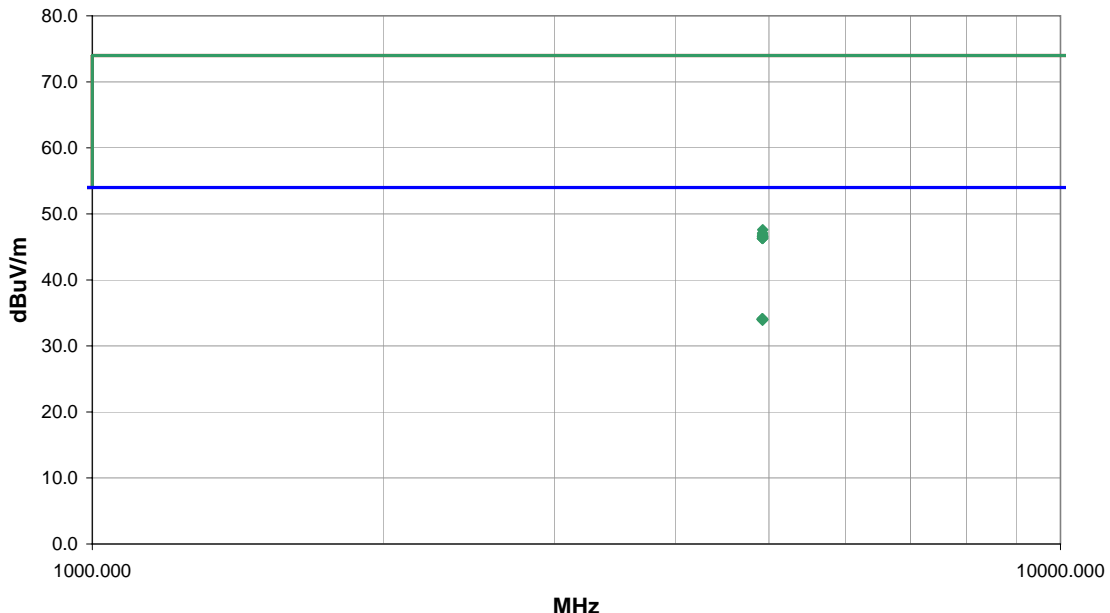
NORTHWEST		EMI 2006.4.26											
EMC		RADIATED SPURIOUS EMISSIONS DATA SHEET											
EUT: DRCB Radio in CK32IS Handheld Computer										Work Order: INMC0362			
Serial Number: C007										Date: 05/30/07			
Customer: Intermec Technologies Corporation										Temperature: 22 °C			
Attendees: None										Humidity: 42%			
Project: None										Barometric Pres.: 30.02			
Tested by: Jaemi Suh					Power: 120VAC/60Hz			Job Site: OC10					
TEST SPECIFICATIONS													
FCC 15.247:2006						ANSI C63.4:2003, FCC 97-114							
TEST PARAMETERS													
Antenna Height(s) (m)						1 - 4		Test Distance (m)		3			
COMMENTS													
High Channel 11. Connected to Comm adapter.													
EUT OPERATING MODES													
Transmit.													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
Run #		10		Signature 									
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
4824.935	23.9	10.5	200.0	2.2	0.0	0.0	H-Horn	AV	0.0	34.4	54.0	-19.6	36 Mbps
4823.333	23.8	10.5	77.0	1.0	0.0	0.0	H-Horn	AV	0.0	34.3	54.0	-19.7	6 Mbps
4823.986	23.8	10.5	1.0	3.1	0.0	0.0	V-Horn	AV	0.0	34.3	54.0	-19.7	1 Mbps
4824.350	23.8	10.5	32.0	3.0	0.0	0.0	V-Horn	AV	0.0	34.3	54.0	-19.7	11 Mbps
4824.471	23.8	10.5	360.0	3.2	0.0	0.0	H-Horn	AV	0.0	34.3	54.0	-19.7	54 Mbps
4824.729	23.8	10.5	206.0	1.0	0.0	0.0	H-Horn	AV	0.0	34.3	54.0	-19.7	11 Mbps
4824.765	23.8	10.5	324.0	1.0	0.0	0.0	H-Horn	AV	0.0	34.3	54.0	-19.7	1 Mbps
4825.041	23.8	10.5	359.0	1.6	0.0	0.0	V-Horn	AV	0.0	34.3	54.0	-19.7	36 Mbps
4825.202	23.8	10.5	33.0	3.0	0.0	0.0	V-Horn	AV	0.0	34.3	54.0	-19.7	6 Mbps
4826.410	23.8	10.5	144.0	1.6	0.0	0.0	V-Horn	AV	0.0	34.3	54.0	-19.7	54 Mbps
4824.092	36.9	10.5	360.0	3.2	0.0	0.0	H-Horn	PK	0.0	47.4	74.0	-26.6	54 Mbps
4825.449	36.9	10.5	359.0	1.6	0.0	0.0	V-Horn	PK	0.0	47.4	74.0	-26.6	36 Mbps
4823.776	36.6	10.5	33.0	3.0	0.0	0.0	V-Horn	PK	0.0	47.1	74.0	-26.9	6 Mbps
4824.691	36.6	10.5	32.0	3.0	0.0	0.0	V-Horn	PK	0.0	47.1	74.0	-26.9	11 Mbps
4823.629	36.5	10.5	1.0	3.1	0.0	0.0	V-Horn	PK	0.0	47.0	74.0	-27.0	1 Mbps
4824.331	36.2	10.5	144.0	1.6	0.0	0.0	V-Horn	PK	0.0	46.7	74.0	-27.3	54 Mbps
4823.770	36.1	10.5	206.0	1.0	0.0	0.0	H-Horn	PK	0.0	46.6	74.0	-27.4	11 Mbps
4823.104	36.0	10.5	200.0	2.2	0.0	0.0	H-Horn	PK	0.0	46.5	74.0	-27.5	36 Mbps
4824.099	35.9	10.5	77.0	1.0	0.0	0.0	H-Horn	PK	0.0	46.4	74.0	-27.6	6 Mbps
4825.455	35.7	10.5	324.0	1.0	0.0	0.0	H-Horn	PK	0.0	46.2	74.0	-27.8	1 Mbps

NORTHWEST		EMI 2006.4.26											
EMC		RADIATED SPURIOUS EMISSIONS DATA SHEET											
EUT: DRCB Radio in CK32IS Handheld Computer										Work Order: INMC0362			
Serial Number: C007										Date: 05/31/07			
Customer: Intermec Technologies Corporation										Temperature: 22 °C			
Attendees: None										Humidity: 42%			
Project: None										Barometric Pres.: 30.02			
Tested by: Jaemi Suh					Power: Battery					Job Site: OC10			
TEST SPECIFICATIONS										Test Method			
FCC 15.247:2006										ANSI C63.4:2003, FCC 97-114			
TEST PARAMETERS													
Antenna Height(s) (m)		1 - 4				Test Distance (m)		3					
COMMENTS													
Mid Channel 6. Stand Alone.													
EUT OPERATING MODES													
802.11. Mid Channel													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
Run #		12											
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
2483.573	24.9	1.4	12.0	1.6	0.0	20.0	H-Horn	AV	0.0	46.3	54.0	-7.7	1 Mbps
2483.358	24.8	1.4	137.0	3.4	0.0	20.0	H-Horn	AV	0.0	46.2	54.0	-7.8	54 Mbps
2483.388	24.8	1.4	287.0	1.6	0.0	20.0	H-Horn	AV	0.0	46.2	54.0	-7.8	11 Mbps
2483.412	24.8	1.4	88.0	2.8	0.0	20.0	V-Horn	AV	0.0	46.2	54.0	-7.8	1 Mbps
2483.518	24.8	1.4	19.0	3.5	0.0	20.0	H-Horn	AV	0.0	46.2	54.0	-7.8	36 Mbps
2483.547	24.8	1.4	121.0	1.6	0.0	20.0	H-Horn	AV	0.0	46.2	54.0	-7.8	6 Mbps
2483.552	24.8	1.4	169.0	2.7	0.0	20.0	V-Horn	AV	0.0	46.2	54.0	-7.8	36 Mbps
2483.645	24.8	1.4	338.0	2.6	0.0	20.0	V-Horn	AV	0.0	46.2	54.0	-7.8	54 Mbps
2483.647	24.8	1.4	48.0	2.8	0.0	20.0	V-Horn	AV	0.0	46.2	54.0	-7.8	11 Mbps
2483.679	24.8	1.4	96.0	2.7	0.0	20.0	V-Horn	AV	0.0	46.2	54.0	-7.8	6 Mbps
2483.400	37.8	1.4	12.0	1.6	0.0	20.0	H-Horn	PK	0.0	59.2	74.0	-14.8	1 Mbps
2483.402	37.6	1.4	96.0	2.7	0.0	20.0	V-Horn	PK	0.0	59.0	74.0	-15.0	6 Mbps
2483.422	37.5	1.4	48.0	2.8	0.0	20.0	V-Horn	PK	0.0	58.9	74.0	-15.1	11 Mbps
2483.414	37.3	1.4	121.0	1.6	0.0	20.0	H-Horn	PK	0.0	58.7	74.0	-15.3	6 Mbps
2483.418	37.3	1.4	338.0	2.6	0.0	20.0	V-Horn	PK	0.0	58.7	74.0	-15.3	54 Mbps
2483.479	37.3	1.4	287.0	1.6	0.0	20.0	H-Horn	PK	0.0	58.7	74.0	-15.3	11 Mbps
2483.546	37.3	1.4	137.0	3.4	0.0	20.0	H-Horn	PK	0.0	58.7	74.0	-15.3	54 Mbps
2483.597	37.3	1.4	169.0	2.7	0.0	20.0	V-Horn	PK	0.0	58.7	74.0	-15.3	36 Mbps
2483.503	37.1	1.4	19.0	3.5	0.0	20.0	H-Horn	PK	0.0	58.5	74.0	-15.5	36 Mbps
2483.446	36.9	1.4	88.0	2.8	0.0	20.0	V-Horn	PK	0.0	58.3	74.0	-15.7	1 Mbps


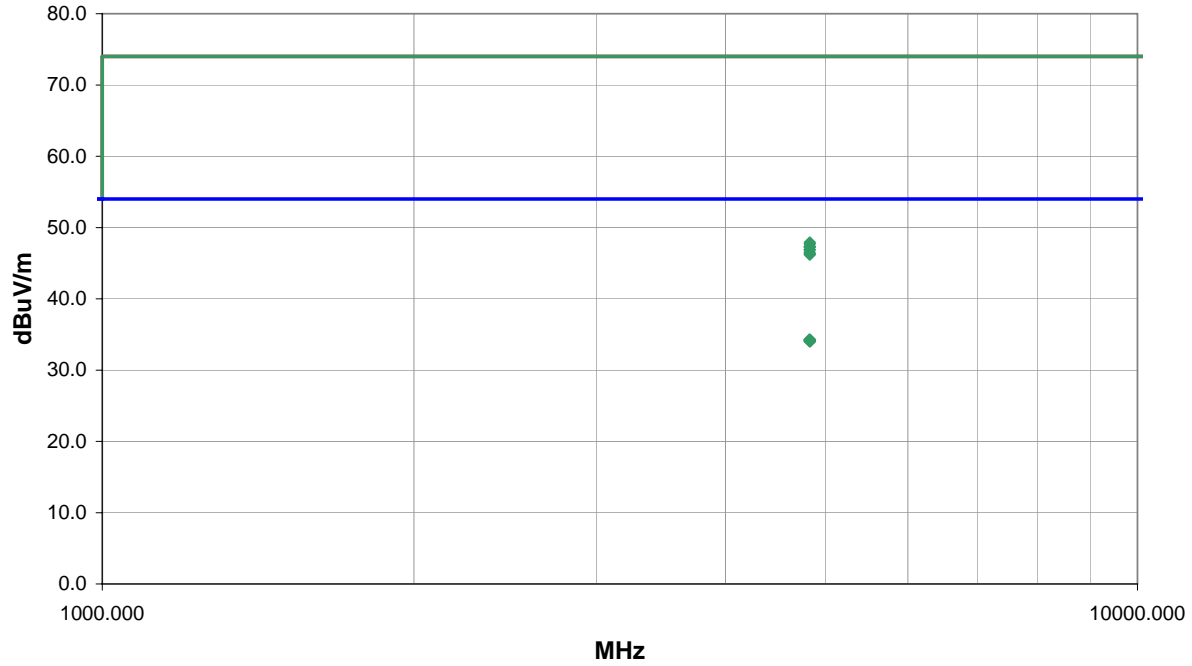
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<table border="1"> <thead> <tr> <th>Freq (MHz)</th> <th>Amplitude (dBuV)</th> <th>Factor (dB)</th> <th>Azimuth (degrees)</th> <th>Height (meters)</th> <th>Distance (meters)</th> <th>External Attenuation (dB)</th> <th>Polarity</th> <th>Detector</th> <th>Distance Adjustment (dB)</th> <th>Adjusted dBuV/m</th> <th>Spec. Limit dBuV/m</th> <th>Compared to Spec. (dB)</th> <th>Comments</th> </tr> </thead> <tbody> <tr><td>7309.851</td><td>24.7</td><td>14.9</td><td>130.0</td><td>2.9</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>39.6</td><td>54.0</td><td>-14.4</td><td>54 Mbps</td></tr> <tr><td>7310.387</td><td>24.7</td><td>14.9</td><td>260.0</td><td>2.2</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>39.6</td><td>54.0</td><td>-14.4</td><td>1 Mbps</td></tr> <tr><td>7310.477</td><td>24.7</td><td>14.9</td><td>197.0</td><td>2.2</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>39.6</td><td>54.0</td><td>-14.4</td><td>54 Mbps</td></tr> <tr><td>7311.090</td><td>24.7</td><td>14.9</td><td>165.0</td><td>2.3</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>39.6</td><td>54.0</td><td>-14.4</td><td>36 Mbps</td></tr> <tr><td>7311.113</td><td>24.7</td><td>14.9</td><td>159.0</td><td>3.3</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>39.6</td><td>54.0</td><td>-14.4</td><td>6 Mbps</td></tr> <tr><td>7309.466</td><td>24.6</td><td>14.9</td><td>97.0</td><td>3.0</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>39.5</td><td>54.0</td><td>-14.5</td><td>36 Mbps</td></tr> <tr><td>7310.061</td><td>24.6</td><td>14.9</td><td>285.0</td><td>2.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>39.5</td><td>54.0</td><td>-14.5</td><td>11 Mbps</td></tr> <tr><td>7310.515</td><td>24.6</td><td>14.9</td><td>19.0</td><td>1.0</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>39.5</td><td>54.0</td><td>-14.5</td><td>1 Mbps</td></tr> <tr><td>7310.715</td><td>24.6</td><td>14.9</td><td>285.0</td><td>3.3</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>39.5</td><td>54.0</td><td>-14.5</td><td>11 Mbps</td></tr> <tr><td>7311.095</td><td>24.6</td><td>14.9</td><td>172.0</td><td>2.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>39.5</td><td>54.0</td><td>-14.5</td><td>6 Mbps</td></tr> <tr><td>4874.084</td><td>23.6</td><td>10.6</td><td>58.0</td><td>1.0</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>34.2</td><td>54.0</td><td>-19.8</td><td>1 Mbps</td></tr> <tr><td>4874.525</td><td>23.6</td><td>10.6</td><td>51.0</td><td>1.6</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>34.2</td><td>54.0</td><td>-19.8</td><td>36 Mbps</td></tr> <tr><td>4876.326</td><td>23.6</td><td>10.6</td><td>257.0</td><td>1.6</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>34.2</td><td>54.0</td><td>-19.8</td><td>6 Mbps</td></tr> <tr><td>4873.764</td><td>23.5</td><td>10.6</td><td>93.0</td><td>1.0</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>34.1</td><td>54.0</td><td>-19.9</td><td>11 Mbps</td></tr> <tr><td>4874.342</td><td>23.5</td><td>10.6</td><td>85.0</td><td>1.5</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>34.1</td><td>54.0</td><td>-19.9</td><td>54 Mbps</td></tr> <tr><td>4874.456</td><td>23.5</td><td>10.6</td><td>228.0</td><td>1.0</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>34.1</td><td>54.0</td><td>-19.9</td><td>1 Mbps</td></tr> <tr><td>4875.005</td><td>23.5</td><td>10.6</td><td>47.0</td><td>1.0</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>34.1</td><td>54.0</td><td>-19.9</td><td>6 Mbps</td></tr> <tr><td>4872.150</td><td>23.4</td><td>10.6</td><td>150.0</td><td>1.7</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>34.0</td><td>54.0</td><td>-20.0</td><td>11 Mbps</td></tr> <tr><td>4872.664</td><td>23.4</td><td>10.6</td><td>94.0</td><td>2.4</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>34.0</td><td>54.0</td><td>-20.0</td><td>54 Mbps</td></tr> <tr><td>4874.453</td><td>23.4</td><td>10.6</td><td>81.0</td><td>2.5</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>34.0</td><td>54.0</td><td>-20.0</td><td>36 Mbps</td></tr> <tr><td>7309.647</td><td>37.7</td><td>14.9</td><td>285.0</td><td>3.3</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>PK</td><td>0.0</td><td>52.6</td><td>74.0</td><td>-21.4</td><td>11 Mbps</td></tr> <tr><td>7309.545</td><td>37.5</td><td>14.9</td><td>197.0</td><td>2.2</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>PK</td><td>0.0</td><td>52.4</td><td>74.0</td><td>-21.6</td><td>54 Mbps</td></tr> <tr><td>7310.651</td><td>37.5</td><td>14.9</td><td>19.0</td><td>1.0</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>PK</td><td>0.0</td><td>52.4</td><td>74.0</td><td>-21.6</td><td>1 Mbps</td></tr> <tr><td>7310.344</td><td>37.4</td><td>14.9</td><td>159.0</td><td>3.3</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>PK</td><td>0.0</td><td>52.3</td><td>74.0</td><td>-21.7</td><td>6 Mbps</td></tr> <tr><td>7311.875</td><td>37.3</td><td>14.9</td><td>165.0</td><td>2.3</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>PK</td><td>0.0</td><td>52.2</td><td>74.0</td><td>-21.8</td><td>36 Mbps</td></tr> <tr><td>7309.540</td><td>37.1</td><td>14.9</td><td>285.0</td><td>2.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>PK</td><td>0.0</td><td>52.0</td><td>74.0</td><td>-22.0</td><td>11 Mbps</td></tr> <tr><td>7309.564</td><td>37.1</td><td>14.9</td><td>260.0</td><td>2.2</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>PK</td><td>0.0</td><td>52.0</td><td>74.0</td><td>-22.0</td><td>1 Mbps</td></tr> <tr><td>7311.178</td><td>37.0</td><td>14.9</td><td>97.0</td><td>3.0</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>PK</td><td>0.0</td><td>51.9</td><td>74.0</td><td>-22.1</td><td>36 Mbps</td></tr> </tbody> </table>														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	7309.851	24.7	14.9	130.0	2.9	0.0	0.0	V-Horn	AV	0.0	39.6	54.0	-14.4	54 Mbps	7310.387	24.7	14.9	260.0	2.2	0.0	0.0	H-Horn	AV	0.0	39.6	54.0	-14.4	1 Mbps	7310.477	24.7	14.9	197.0	2.2	0.0	0.0	H-Horn	AV	0.0	39.6	54.0	-14.4	54 Mbps	7311.090	24.7	14.9	165.0	2.3	0.0	0.0	H-Horn	AV	0.0	39.6	54.0	-14.4	36 Mbps	7311.113	24.7	14.9	159.0	3.3	0.0	0.0	V-Horn	AV	0.0	39.6	54.0	-14.4	6 Mbps	7309.466	24.6	14.9	97.0	3.0	0.0	0.0	V-Horn	AV	0.0	39.5	54.0	-14.5	36 Mbps	7310.061	24.6	14.9	285.0	2.1	0.0	0.0	H-Horn	AV	0.0	39.5	54.0	-14.5	11 Mbps	7310.515	24.6	14.9	19.0	1.0	0.0	0.0	V-Horn	AV	0.0	39.5	54.0	-14.5	1 Mbps	7310.715	24.6	14.9	285.0	3.3	0.0	0.0	V-Horn	AV	0.0	39.5	54.0	-14.5	11 Mbps	7311.095	24.6	14.9	172.0	2.1	0.0	0.0	H-Horn	AV	0.0	39.5	54.0	-14.5	6 Mbps	4874.084	23.6	10.6	58.0	1.0	0.0	0.0	V-Horn	AV	0.0	34.2	54.0	-19.8	1 Mbps	4874.525	23.6	10.6	51.0	1.6	0.0	0.0	V-Horn	AV	0.0	34.2	54.0	-19.8	36 Mbps	4876.326	23.6	10.6	257.0	1.6	0.0	0.0	V-Horn	AV	0.0	34.2	54.0	-19.8	6 Mbps	4873.764	23.5	10.6	93.0	1.0	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	11 Mbps	4874.342	23.5	10.6	85.0	1.5	0.0	0.0	V-Horn	AV	0.0	34.1	54.0	-19.9	54 Mbps	4874.456	23.5	10.6	228.0	1.0	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	1 Mbps	4875.005	23.5	10.6	47.0	1.0	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	6 Mbps	4872.150	23.4	10.6	150.0	1.7	0.0	0.0	V-Horn	AV	0.0	34.0	54.0	-20.0	11 Mbps	4872.664	23.4	10.6	94.0	2.4	0.0	0.0	H-Horn	AV	0.0	34.0	54.0	-20.0	54 Mbps	4874.453	23.4	10.6	81.0	2.5	0.0	0.0	H-Horn	AV	0.0	34.0	54.0	-20.0	36 Mbps	7309.647	37.7	14.9	285.0	3.3	0.0	0.0	V-Horn	PK	0.0	52.6	74.0	-21.4	11 Mbps	7309.545	37.5	14.9	197.0	2.2	0.0	0.0	H-Horn	PK	0.0	52.4	74.0	-21.6	54 Mbps	7310.651	37.5	14.9	19.0	1.0	0.0	0.0	V-Horn	PK	0.0	52.4	74.0	-21.6	1 Mbps	7310.344	37.4	14.9	159.0	3.3	0.0	0.0	V-Horn	PK	0.0	52.3	74.0	-21.7	6 Mbps	7311.875	37.3	14.9	165.0	2.3	0.0	0.0	H-Horn	PK	0.0	52.2	74.0	-21.8	36 Mbps	7309.540	37.1	14.9	285.0	2.1	0.0	0.0	H-Horn	PK	0.0	52.0	74.0	-22.0	11 Mbps	7309.564	37.1	14.9	260.0	2.2	0.0	0.0	H-Horn	PK	0.0	52.0	74.0	-22.0	1 Mbps	7311.178	37.0	14.9	97.0	3.0	0.0	0.0	V-Horn	PK	0.0	51.9	74.0	-22.1	36 Mbps
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																																																																																																																																																																																																																																																																																																																																																																																																																						
7309.851	24.7	14.9	130.0	2.9	0.0	0.0	V-Horn	AV	0.0	39.6	54.0	-14.4	54 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7310.387	24.7	14.9	260.0	2.2	0.0	0.0	H-Horn	AV	0.0	39.6	54.0	-14.4	1 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7310.477	24.7	14.9	197.0	2.2	0.0	0.0	H-Horn	AV	0.0	39.6	54.0	-14.4	54 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7311.090	24.7	14.9	165.0	2.3	0.0	0.0	H-Horn	AV	0.0	39.6	54.0	-14.4	36 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7311.113	24.7	14.9	159.0	3.3	0.0	0.0	V-Horn	AV	0.0	39.6	54.0	-14.4	6 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7309.466	24.6	14.9	97.0	3.0	0.0	0.0	V-Horn	AV	0.0	39.5	54.0	-14.5	36 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7310.061	24.6	14.9	285.0	2.1	0.0	0.0	H-Horn	AV	0.0	39.5	54.0	-14.5	11 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7310.515	24.6	14.9	19.0	1.0	0.0	0.0	V-Horn	AV	0.0	39.5	54.0	-14.5	1 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7310.715	24.6	14.9	285.0	3.3	0.0	0.0	V-Horn	AV	0.0	39.5	54.0	-14.5	11 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7311.095	24.6	14.9	172.0	2.1	0.0	0.0	H-Horn	AV	0.0	39.5	54.0	-14.5	6 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
4874.084	23.6	10.6	58.0	1.0	0.0	0.0	V-Horn	AV	0.0	34.2	54.0	-19.8	1 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
4874.525	23.6	10.6	51.0	1.6	0.0	0.0	V-Horn	AV	0.0	34.2	54.0	-19.8	36 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
4876.326	23.6	10.6	257.0	1.6	0.0	0.0	V-Horn	AV	0.0	34.2	54.0	-19.8	6 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
4873.764	23.5	10.6	93.0	1.0	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	11 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
4874.342	23.5	10.6	85.0	1.5	0.0	0.0	V-Horn	AV	0.0	34.1	54.0	-19.9	54 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
4874.456	23.5	10.6	228.0	1.0	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	1 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
4875.005	23.5	10.6	47.0	1.0	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	6 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
4872.150	23.4	10.6	150.0	1.7	0.0	0.0	V-Horn	AV	0.0	34.0	54.0	-20.0	11 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
4872.664	23.4	10.6	94.0	2.4	0.0	0.0	H-Horn	AV	0.0	34.0	54.0	-20.0	54 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
4874.453	23.4	10.6	81.0	2.5	0.0	0.0	H-Horn	AV	0.0	34.0	54.0	-20.0	36 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7309.647	37.7	14.9	285.0	3.3	0.0	0.0	V-Horn	PK	0.0	52.6	74.0	-21.4	11 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7309.545	37.5	14.9	197.0	2.2	0.0	0.0	H-Horn	PK	0.0	52.4	74.0	-21.6	54 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7310.651	37.5	14.9	19.0	1.0	0.0	0.0	V-Horn	PK	0.0	52.4	74.0	-21.6	1 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7310.344	37.4	14.9	159.0	3.3	0.0	0.0	V-Horn	PK	0.0	52.3	74.0	-21.7	6 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7311.875	37.3	14.9	165.0	2.3	0.0	0.0	H-Horn	PK	0.0	52.2	74.0	-21.8	36 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7309.540	37.1	14.9	285.0	2.1	0.0	0.0	H-Horn	PK	0.0	52.0	74.0	-22.0	11 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7309.564	37.1	14.9	260.0	2.2	0.0	0.0	H-Horn	PK	0.0	52.0	74.0	-22.0	1 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						
7311.178	37.0	14.9	97.0	3.0	0.0	0.0	V-Horn	PK	0.0	51.9	74.0	-22.1	36 Mbps																																																																																																																																																																																																																																																																																																																																																																																																																						

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
7311.391	36.6	14.9	172.0	2.1	0.0	0.0	H-Horn	PK	0.0	51.5	74.0	-22.5	6 Mbps
7310.650	36.5	14.9	130.0	2.9	0.0	0.0	V-Horn	PK	0.0	51.4	74.0	-22.6	54 Mbps
4872.930	36.7	10.6	51.0	1.6	0.0	0.0	V-Horn	PK	0.0	47.3	74.0	-26.7	36 Mbps
4875.052	36.2	10.6	93.0	1.0	0.0	0.0	H-Horn	PK	0.0	46.8	74.0	-27.2	11 Mbps
4872.756	36.1	10.6	228.0	1.0	0.0	0.0	H-Horn	PK	0.0	46.7	74.0	-27.3	1 Mbps
4872.796	36.1	10.6	94.0	2.4	0.0	0.0	H-Horn	PK	0.0	46.7	74.0	-27.3	54 Mbps
4872.501	36.0	10.6	257.0	1.6	0.0	0.0	V-Horn	PK	0.0	46.6	74.0	-27.4	6 Mbps
4873.668	35.9	10.6	81.0	2.5	0.0	0.0	H-Horn	PK	0.0	46.5	74.0	-27.5	36 Mbps
4872.596	35.8	10.6	47.0	1.0	0.0	0.0	H-Horn	PK	0.0	46.4	74.0	-27.6	6 Mbps
4874.639	35.7	10.6	150.0	1.7	0.0	0.0	V-Horn	PK	0.0	46.3	74.0	-27.7	11 Mbps
4874.448	35.6	10.6	85.0	1.5	0.0	0.0	V-Horn	PK	0.0	46.2	74.0	-27.8	54 Mbps
4874.063	35.4	10.6	58.0	1.0	0.0	0.0	V-Horn	PK	0.0	46.0	74.0	-28.0	1 Mbps

NORTHWEST		RADIATED SPURIOUS EMISSIONS DATA SHEET										PSA 2007.05.07	
EMC												EMI 2006.4.26	
EUT: DRCB Radio in CK32IS Handheld Computer										Work Order: INMC0362			
Serial Number: C007										Date: 05/30/07			
Customer: Intermec Technologies Corporation										Temperature: 22 °C			
Attendees: None										Humidity: 42%			
Project: None										Barometric Pres.: 30.02			
Tested by: Jaemi Suh					Power: Battery					Job Site: OC10			
TEST SPECIFICATIONS										Test Method			
FCC 15.247:2006										ANSI C63.4:2003, FCC 97-114			
TEST PARAMETERS													
Antenna Height(s) (m)		1 - 4			Test Distance (m)		3						
COMMENTS													
Channel 11. Stand Alone													
EUT OPERATING MODES													
802.11(b). High Channel													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
Run #		10		<div style="text-align: right;">  Signature </div>									
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
2483.201	24.9	1.4	359.0	2.6	0.0	20.0	H-Horn	AV	0.0	46.3	54.0	-7.7	1 Mbps
2483.338	24.9	1.4	143.0	2.5	0.0	20.0	V-Horn	AV	0.0	46.3	54.0	-7.7	11 Mbps
2483.679	24.9	1.4	260.0	2.4	0.0	20.0	V-Horn	AV	0.0	46.3	54.0	-7.7	36 Mbps
2483.692	24.9	1.4	220.0	2.6	0.0	20.0	H-Horn	AV	0.0	46.3	54.0	-7.7	11 Mbps
2483.860	24.9	1.4	40.0	2.6	0.0	20.0	V-Horn	AV	0.0	46.3	54.0	-7.7	1 Mbps
2483.976	24.9	1.4	56.0	2.5	0.0	20.0	V-Horn	AV	0.0	46.3	54.0	-7.7	6 Mbps
2483.210	24.8	1.4	233.0	2.5	0.0	20.0	H-Horn	AV	0.0	46.2	54.0	-7.8	6 Mbps
2483.261	24.8	1.4	359.0	3.5	0.0	20.0	H-Horn	AV	0.0	46.2	54.0	-7.8	36 Mbps
2483.487	24.8	1.4	342.0	2.4	0.0	20.0	V-Horn	AV	0.0	46.2	54.0	-7.8	54 Mbps
2483.489	24.8	1.4	90.0	3.5	0.0	20.0	H-Horn	AV	0.0	46.2	54.0	-7.8	54 Mbps
2483.563	38.2	1.4	220.0	2.6	0.0	20.0	H-Horn	PK	0.0	59.6	74.0	-14.4	11 Mbps
2483.392	37.8	1.4	359.0	2.6	0.0	20.0	H-Horn	PK	0.0	59.2	74.0	-14.8	1 Mbps
2483.309	37.7	1.4	260.0	2.4	0.0	20.0	V-Horn	PK	0.0	59.1	74.0	-14.9	36 Mbps
2483.529	37.7	1.4	143.0	2.5	0.0	20.0	V-Horn	PK	0.0	59.1	74.0	-14.9	11 Mbps
2483.545	37.5	1.4	56.0	2.5	0.0	20.0	V-Horn	PK	0.0	58.9	74.0	-15.1	6 Mbps
2483.556	37.5	1.4	90.0	3.5	0.0	20.0	H-Horn	PK	0.0	58.9	74.0	-15.1	54 Mbps
2483.741	37.5	1.4	342.0	2.4	0.0	20.0	V-Horn	PK	0.0	58.9	74.0	-15.1	54 Mbps
2483.386	37.4	1.4	40.0	2.6	0.0	20.0	V-Horn	PK	0.0	58.8	74.0	-15.2	1 Mbps
2483.533	37.1	1.4	233.0	2.5	0.0	20.0	H-Horn	PK	0.0	58.5	74.0	-15.5	6 Mbps
2483.565	37.0	1.4	359.0	3.5	0.0	20.0	H-Horn	PK	0.0	58.4	74.0	-15.6	36 Mbps

NORTHWEST		RADIATED SPURIOUS EMISSIONS DATA SHEET										PSA 2007.05.07 EMI 2006.4.26																																																																																																																																																																																																																																																																																																							
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Customer: Intermec Technologies Corporation												Temperature: 22 °C																																																																																																																																																																																																																																																																																																							
Attendees: None												Humidity: 42%																																																																																																																																																																																																																																																																																																							
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<table border="1"> <thead> <tr> <th>Freq (MHz)</th> <th>Amplitude (dBuV)</th> <th>Factor (dB)</th> <th>Azimuth (degrees)</th> <th>Height (meters)</th> <th>Distance (meters)</th> <th>External Attenuation (dB)</th> <th>Polarity</th> <th>Detector</th> <th>Distance Adjustment (dB)</th> <th>Adjusted dBuV/m</th> <th>Spec. Limit dBuV/m</th> <th>Compared to Spec. (dB)</th> <th>Comments</th> </tr> </thead> <tbody> <tr><td>4921.972</td><td>23.4</td><td>10.7</td><td>328.0</td><td>2.6</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>34.1</td><td>54.0</td><td>-19.9</td><td>54 Mbps</td></tr> <tr><td>4922.061</td><td>23.4</td><td>10.7</td><td>85.0</td><td>2.9</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>34.1</td><td>54.0</td><td>-19.9</td><td>6 Mbps</td></tr> <tr><td>4922.287</td><td>23.4</td><td>10.7</td><td>113.0</td><td>2.7</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>34.1</td><td>54.0</td><td>-19.9</td><td>36 Mbps</td></tr> <tr><td>4921.660</td><td>23.3</td><td>10.7</td><td>138.0</td><td>2.4</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>34.0</td><td>54.0</td><td>-20.0</td><td>36 Mbps</td></tr> <tr><td>4921.986</td><td>23.3</td><td>10.7</td><td>200.0</td><td>2.5</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>34.0</td><td>54.0</td><td>-20.0</td><td>11 Mbps</td></tr> <tr><td>4922.647</td><td>23.3</td><td>10.7</td><td>224.0</td><td>3.6</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>34.0</td><td>54.0</td><td>-20.0</td><td>54 Mbps</td></tr> <tr><td>4923.229</td><td>23.3</td><td>10.7</td><td>329.0</td><td>2.7</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>34.0</td><td>54.0</td><td>-20.0</td><td>6 Mbps</td></tr> <tr><td>4923.318</td><td>23.3</td><td>10.7</td><td>172.0</td><td>2.8</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>34.0</td><td>54.0</td><td>-20.0</td><td>11 Mbps</td></tr> <tr><td>4924.450</td><td>23.3</td><td>10.7</td><td>1.0</td><td>2.6</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>34.0</td><td>54.0</td><td>-20.0</td><td>1 Mbps</td></tr> <tr><td>4924.024</td><td>23.2</td><td>10.7</td><td>65.0</td><td>1.0</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>33.9</td><td>54.0</td><td>-20.1</td><td>1 Mbps</td></tr> <tr><td>4925.218</td><td>36.9</td><td>10.7</td><td>329.0</td><td>2.7</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>PK</td><td>0.0</td><td>47.6</td><td>74.0</td><td>-26.4</td><td>6 Mbps</td></tr> <tr><td>4922.937</td><td>36.4</td><td>10.7</td><td>172.0</td><td>2.8</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>PK</td><td>0.0</td><td>47.1</td><td>74.0</td><td>-26.9</td><td>11 Mbps</td></tr> <tr><td>4922.772</td><td>36.1</td><td>10.7</td><td>138.0</td><td>2.4</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>PK</td><td>0.0</td><td>46.8</td><td>74.0</td><td>-27.2</td><td>36 Mbps</td></tr> <tr><td>4922.893</td><td>35.9</td><td>10.7</td><td>200.0</td><td>2.5</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>PK</td><td>0.0</td><td>46.6</td><td>74.0</td><td>-27.4</td><td>11 Mbps</td></tr> <tr><td>4923.482</td><td>35.9</td><td>10.7</td><td>85.0</td><td>2.9</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>PK</td><td>0.0</td><td>46.6</td><td>74.0</td><td>-27.4</td><td>6 Mbps</td></tr> <tr><td>4923.966</td><td>35.9</td><td>10.7</td><td>224.0</td><td>3.6</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>PK</td><td>0.0</td><td>46.6</td><td>74.0</td><td>-27.4</td><td>54 Mbps</td></tr> <tr><td>4925.463</td><td>35.7</td><td>10.7</td><td>65.0</td><td>1.0</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>PK</td><td>0.0</td><td>46.4</td><td>74.0</td><td>-27.6</td><td>1 Mbps</td></tr> <tr><td>4922.619</td><td>35.6</td><td>10.7</td><td>113.0</td><td>2.7</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>PK</td><td>0.0</td><td>46.3</td><td>74.0</td><td>-27.7</td><td>36 Mbps</td></tr> <tr><td>4922.672</td><td>35.6</td><td>10.7</td><td>328.0</td><td>2.6</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>PK</td><td>0.0</td><td>46.3</td><td>74.0</td><td>-27.7</td><td>54 Mbps</td></tr> <tr><td>4923.020</td><td>35.6</td><td>10.7</td><td>1.0</td><td>2.6</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>PK</td><td>0.0</td><td>46.3</td><td>74.0</td><td>-27.7</td><td>1 Mbps</td></tr> </tbody> </table>														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	4921.972	23.4	10.7	328.0	2.6	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	54 Mbps	4922.061	23.4	10.7	85.0	2.9	0.0	0.0	V-Horn	AV	0.0	34.1	54.0	-19.9	6 Mbps	4922.287	23.4	10.7	113.0	2.7	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	36 Mbps	4921.660	23.3	10.7	138.0	2.4	0.0	0.0	V-Horn	AV	0.0	34.0	54.0	-20.0	36 Mbps	4921.986	23.3	10.7	200.0	2.5	0.0	0.0	V-Horn	AV	0.0	34.0	54.0	-20.0	11 Mbps	4922.647	23.3	10.7	224.0	3.6	0.0	0.0	V-Horn	AV	0.0	34.0	54.0	-20.0	54 Mbps	4923.229	23.3	10.7	329.0	2.7	0.0	0.0	H-Horn	AV	0.0	34.0	54.0	-20.0	6 Mbps	4923.318	23.3	10.7	172.0	2.8	0.0	0.0	H-Horn	AV	0.0	34.0	54.0	-20.0	11 Mbps	4924.450	23.3	10.7	1.0	2.6	0.0	0.0	V-Horn	AV	0.0	34.0	54.0	-20.0	1 Mbps	4924.024	23.2	10.7	65.0	1.0	0.0	0.0	H-Horn	AV	0.0	33.9	54.0	-20.1	1 Mbps	4925.218	36.9	10.7	329.0	2.7	0.0	0.0	H-Horn	PK	0.0	47.6	74.0	-26.4	6 Mbps	4922.937	36.4	10.7	172.0	2.8	0.0	0.0	H-Horn	PK	0.0	47.1	74.0	-26.9	11 Mbps	4922.772	36.1	10.7	138.0	2.4	0.0	0.0	V-Horn	PK	0.0	46.8	74.0	-27.2	36 Mbps	4922.893	35.9	10.7	200.0	2.5	0.0	0.0	V-Horn	PK	0.0	46.6	74.0	-27.4	11 Mbps	4923.482	35.9	10.7	85.0	2.9	0.0	0.0	V-Horn	PK	0.0	46.6	74.0	-27.4	6 Mbps	4923.966	35.9	10.7	224.0	3.6	0.0	0.0	V-Horn	PK	0.0	46.6	74.0	-27.4	54 Mbps	4925.463	35.7	10.7	65.0	1.0	0.0	0.0	H-Horn	PK	0.0	46.4	74.0	-27.6	1 Mbps	4922.619	35.6	10.7	113.0	2.7	0.0	0.0	H-Horn	PK	0.0	46.3	74.0	-27.7	36 Mbps	4922.672	35.6	10.7	328.0	2.6	0.0	0.0	H-Horn	PK	0.0	46.3	74.0	-27.7	54 Mbps	4923.020	35.6	10.7	1.0	2.6	0.0	0.0	V-Horn	PK	0.0	46.3	74.0	-27.7	1 Mbps
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																																																																																																																																																																																																																																																																																																						
4921.972	23.4	10.7	328.0	2.6	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	54 Mbps																																																																																																																																																																																																																																																																																																						
4922.061	23.4	10.7	85.0	2.9	0.0	0.0	V-Horn	AV	0.0	34.1	54.0	-19.9	6 Mbps																																																																																																																																																																																																																																																																																																						
4922.287	23.4	10.7	113.0	2.7	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	36 Mbps																																																																																																																																																																																																																																																																																																						
4921.660	23.3	10.7	138.0	2.4	0.0	0.0	V-Horn	AV	0.0	34.0	54.0	-20.0	36 Mbps																																																																																																																																																																																																																																																																																																						
4921.986	23.3	10.7	200.0	2.5	0.0	0.0	V-Horn	AV	0.0	34.0	54.0	-20.0	11 Mbps																																																																																																																																																																																																																																																																																																						
4922.647	23.3	10.7	224.0	3.6	0.0	0.0	V-Horn	AV	0.0	34.0	54.0	-20.0	54 Mbps																																																																																																																																																																																																																																																																																																						
4923.229	23.3	10.7	329.0	2.7	0.0	0.0	H-Horn	AV	0.0	34.0	54.0	-20.0	6 Mbps																																																																																																																																																																																																																																																																																																						
4923.318	23.3	10.7	172.0	2.8	0.0	0.0	H-Horn	AV	0.0	34.0	54.0	-20.0	11 Mbps																																																																																																																																																																																																																																																																																																						
4924.450	23.3	10.7	1.0	2.6	0.0	0.0	V-Horn	AV	0.0	34.0	54.0	-20.0	1 Mbps																																																																																																																																																																																																																																																																																																						
4924.024	23.2	10.7	65.0	1.0	0.0	0.0	H-Horn	AV	0.0	33.9	54.0	-20.1	1 Mbps																																																																																																																																																																																																																																																																																																						
4925.218	36.9	10.7	329.0	2.7	0.0	0.0	H-Horn	PK	0.0	47.6	74.0	-26.4	6 Mbps																																																																																																																																																																																																																																																																																																						
4922.937	36.4	10.7	172.0	2.8	0.0	0.0	H-Horn	PK	0.0	47.1	74.0	-26.9	11 Mbps																																																																																																																																																																																																																																																																																																						
4922.772	36.1	10.7	138.0	2.4	0.0	0.0	V-Horn	PK	0.0	46.8	74.0	-27.2	36 Mbps																																																																																																																																																																																																																																																																																																						
4922.893	35.9	10.7	200.0	2.5	0.0	0.0	V-Horn	PK	0.0	46.6	74.0	-27.4	11 Mbps																																																																																																																																																																																																																																																																																																						
4923.482	35.9	10.7	85.0	2.9	0.0	0.0	V-Horn	PK	0.0	46.6	74.0	-27.4	6 Mbps																																																																																																																																																																																																																																																																																																						
4923.966	35.9	10.7	224.0	3.6	0.0	0.0	V-Horn	PK	0.0	46.6	74.0	-27.4	54 Mbps																																																																																																																																																																																																																																																																																																						
4925.463	35.7	10.7	65.0	1.0	0.0	0.0	H-Horn	PK	0.0	46.4	74.0	-27.6	1 Mbps																																																																																																																																																																																																																																																																																																						
4922.619	35.6	10.7	113.0	2.7	0.0	0.0	H-Horn	PK	0.0	46.3	74.0	-27.7	36 Mbps																																																																																																																																																																																																																																																																																																						
4922.672	35.6	10.7	328.0	2.6	0.0	0.0	H-Horn	PK	0.0	46.3	74.0	-27.7	54 Mbps																																																																																																																																																																																																																																																																																																						
4923.020	35.6	10.7	1.0	2.6	0.0	0.0	V-Horn	PK	0.0	46.3	74.0	-27.7	1 Mbps																																																																																																																																																																																																																																																																																																						

NORTHWEST EMC										RADIATED SPURIOUS EMISSIONS DATA SHEET					PSA 2007.05.07 EMI 2006.4.26	
EUT: DRCB Radio in CK32IS Handheld Computer										Work Order: INMC0362						
Serial Number: C007										Date: 05/31/07						
Customer: Intermec Technologies Corporation										Temperature: 22 °C						
Attendees: None										Humidity: 42%						
Project: None										Barometric Pres.: 30.02						
Tested by: Jaemi Suh					Power: Battery					Job Site: OC10						
TEST SPECIFICATIONS										Test Method						
FCC 15.247:2006										ANSI C63.4:2003, FCC 97-114						
TEST PARAMETERS																
Antenna Height(s) (m)					1 - 4					Test Distance (m)					3	
COMMENTS																
Low Channel 1. Stand Alone																
EUT OPERATING MODES																
802.11. Low channel																
DEVIATIONS FROM TEST STANDARD																
No deviations.																
Run #		14		<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 20px;">Signature</div> </div>												
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)				
2483.452	24.8	1.4	35.0	3.3	0.0	20.0	H-Horn	AV	0.0	46.2	54.0	-7.8				
2483.670	38.6	1.4	35.0	3.3	0.0	20.0	H-Horn	PK	0.0	60.0	74.0	-14.0				
2483.210	24.7	1.4	60.0	1.0	0.0	20.0	H-Horn	AV	0.0	46.1	54.0	-7.9				
2483.834	37.2	1.4	60.0	1.0	0.0	20.0	H-Horn	PK	0.0	58.6	74.0	-15.4				
2483.843	24.7	1.4	99.0	2.7	0.0	20.0	V-Horn	AV	0.0	46.1	54.0	-7.9				
2483.507	37.5	1.4	99.0	2.7	0.0	20.0	V-Horn	PK	0.0	58.9	74.0	-15.1				
2483.370	24.8	1.4	127.0	1.0	0.0	20.0	H-Horn	AV	0.0	46.2	54.0	-7.8				
2483.852	38.2	1.4	127.0	1.0	0.0	20.0	H-Horn	PK	0.0	59.6	74.0	-14.4				
2483.302	24.7	1.4	132.0	1.0	0.0	20.0	H-Horn	AV	0.0	46.1	54.0	-7.9				
2483.220	37.2	1.4	132.0	1.0	0.0	20.0	H-Horn	PK	0.0	58.6	74.0	-15.4				
2483.941	24.8	1.4	183.0	3.3	0.0	20.0	V-Horn	AV	0.0	46.2	54.0	-7.8				
2483.957	37.1	1.4	183.0	3.3	0.0	20.0	V-Horn	PK	0.0	58.5	74.0	-15.5				
2483.227	24.9	1.4	236.0	2.3	0.0	20.0	V-Horn	AV	0.0	46.3	54.0	-7.7				
2483.600	37.6	1.4	236.0	2.3	0.0	20.0	V-Horn	PK	0.0	59.0	74.0	-15.0				
2483.891	24.8	1.4	276.0	1.0	0.0	20.0	H-Horn	AV	0.0	46.2	54.0	-7.8				
2483.570	37.4	1.4	276.0	1.0	0.0	20.0	H-Horn	PK	0.0	58.8	74.0	-15.2				
2483.822	24.7	1.4	299.0	3.2	0.0	20.0	V-Horn	AV	0.0	46.1	54.0	-7.9				
2483.261	36.9	1.4	299.0	3.2	0.0	20.0	V-Horn	PK	0.0	58.3	74.0	-15.7				
2483.845	24.8	1.4	304.0	3.4	0.0	20.0	V-Horn	AV	0.0	46.2	54.0	-7.8				
2483.136	37.7	1.4	304.0	3.4	0.0	20.0	V-Horn	PK	0.0	59.1	74.0	-14.9				

NORTHWEST EMC		RADIATED SPURIOUS EMISSIONS DATA SHEET										PSA 2007.05.07 EMI 2006.4.26	
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Project: None										Barometric Pres.: 30.02			
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Antenna Height(s) (m)					1 - 4					Test Distance (m)		3	
COMMENTS													
Low Channel 1. Stand Alone													
EUT OPERATING MODES													
802.11. Low channel													
DEVIATIONS FROM TEST STANDARD													
No deviations.													
Run #		15		<div style="text-align: right;">  Signature </div>									
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)	
4823.336	23.8	10.5	102.0	2.0	0.0	0.0	H-Horn	AV	0.0	34.3	54.0	-19.7	
4823.399	23.7	10.5	347.0	2.0	0.0	0.0	H-Horn	AV	0.0	34.2	54.0	-19.8	
4824.380	23.7	10.5	162.0	3.3	0.0	0.0	V-Horn	AV	0.0	34.2	54.0	-19.8	
4825.713	23.7	10.5	277.0	2.3	0.0	0.0	V-Horn	AV	0.0	34.2	54.0	-19.8	
4825.728	23.7	10.5	187.0	1.0	0.0	0.0	V-Horn	AV	0.0	34.2	54.0	-19.8	
4825.729	23.7	10.5	155.0	2.1	0.0	0.0	H-Horn	AV	0.0	34.2	54.0	-19.8	
4823.204	23.6	10.5	128.0	2.1	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	
4825.366	23.6	10.5	279.0	1.0	0.0	0.0	H-Horn	AV	0.0	34.1	54.0	-19.9	
4826.542	23.6	10.5	323.0	1.0	0.0	0.0	V-Horn	AV	0.0	34.1	54.0	-19.9	
4826.677	23.5	10.5	169.0	1.0	0.0	0.0	V-Horn	AV	0.0	34.0	54.0	-20.0	
4823.827	37.4	10.5	347.0	2.0	0.0	0.0	H-Horn	PK	0.0	47.9	74.0	-26.1	
4825.267	37.2	10.5	169.0	1.0	0.0	0.0	V-Horn	PK	0.0	47.7	74.0	-26.3	
4823.571	36.8	10.5	187.0	1.0	0.0	0.0	V-Horn	PK	0.0	47.3	74.0	-26.7	
4824.289	36.8	10.5	279.0	1.0	0.0	0.0	H-Horn	PK	0.0	47.3	74.0	-26.7	
4825.199	36.8	10.5	155.0	2.1	0.0	0.0	H-Horn	PK	0.0	47.3	74.0	-26.7	
4823.045	36.4	10.5	102.0	2.0	0.0	0.0	H-Horn	PK	0.0	46.9	74.0	-27.1	
4823.906	36.4	10.5	323.0	1.0	0.0	0.0	V-Horn	PK	0.0	46.9	74.0	-27.1	
4823.594	36.0	10.5	128.0	2.1	0.0	0.0	H-Horn	PK	0.0	46.5	74.0	-27.5	
4824.068	35.8	10.5	162.0	3.3	0.0	0.0	V-Horn	PK	0.0	46.3	74.0	-27.7	
4825.458	35.7	10.5	277.0	2.3	0.0	0.0	V-Horn	PK	0.0	46.2	74.0	-27.8	







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

Transmitting 802.11(g), 6Mbps, high channel
Transmitting 802.11(g), 6Mbps, mid channel
Transmitting 802.11(g), 6Mbps, low channel
Transmitting 802.11(b), 1Mbps, high channel
Transmitting 802.11(b), 1Mbps, mid channel
Transmitting 802.11(b), 1Mbps, low channel

POWER SETTINGS INVESTIGATED

120V/60Hz

SAMPLE CALCULATIONS

Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
High Pass Filter	TTE	H97-100K-50-720B	HFX	8/22/2006	13
LISN	Solar	9252-50-R-24-BNC	LIQ	12/20/2006	13
Receiver	Rohde & Schwartz	ESCI	ARG	12/7/2006	13
Attenuator	Tektronix	011-0059-02	ATC	12/27/2006	13

MEASUREMENT BANDWIDTHS

	Frequency Range	Peak Data	Quasi-Peak Data	Average Data
	(MHz)	(kHz)	(kHz)	(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

Measurement uncertainty is used to reflect the accuracy of the measured result as compared with its "true" or theoretically correct value. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4. In the case of transient tests our test equipment has been demonstrated by calibration to provide at least a 95% confidence that it complies with the test specification requirements. The measurement uncertainty for any test is available upon request.

TEST DESCRIPTION

Using the mode of operation and configuration noted within this report, conducted emissions tests were performed. The frequency range investigated (scanned), is also noted in this report. Conducted power line measurements are made, unless otherwise specified, over the frequency range from 150 kHz to 30 MHz to determine the line-to-ground radio-noise voltage that is conducted from the EUT power-input terminals that are directly (or indirectly via separate transformer or power supplies) connected to a public power network. Equipment is tested with power cords that are normally used or that have electrical or shielding characteristics that are the same as those cords normally used. Typically those measurements are made using a LISN (Line Impedance Stabilization Network), the 50 Ω measuring port is terminated by a 50 Ω EMI meter or a 50 Ω resistive load. All 50 Ω measuring ports of the LISN are terminated by 50 Ω .

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07	
Project:	None	Temperature:	22	
Job Site:	EV07	Humidity:	36	
Serial Number:	None	Barometric Pres.:	30.2	
EUT:		DRCB Radio in CK32IS Handheld Computer		
Configuration:		1 - AC Powerline Conducted Emissions config		
Customer:		Intermec Technologies Corporation		
Attendees:		None		
EUT Power:		120V/60Hz		
Operating Mode:		Transmitting 802.11(b), 1Mbps, low channel		
Deviations:				
Comments:				

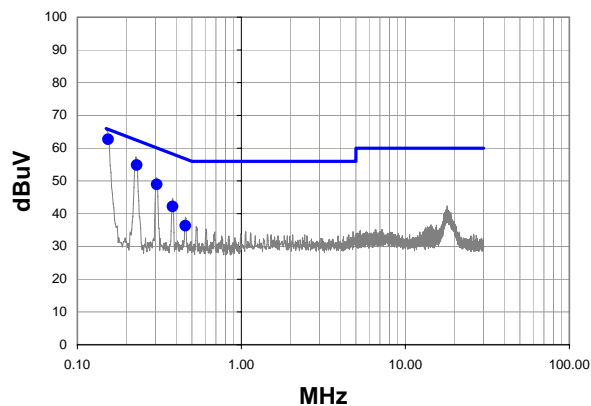
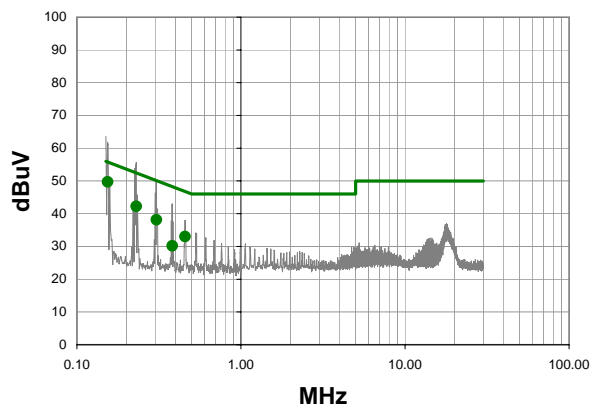
Test Specifications

FCC 15.207:2006

Class B**Test Method**

ANSI C63.4:2003

Run #	2	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	40.8	1.9	62.7	65.8	-3.1
0.230	33.9	1.0	54.9	62.4	-7.6
0.305	28.0	0.9	48.9	60.1	-11.2
0.381	21.3	0.9	42.2	58.3	-16.1
0.456	15.5	0.8	36.3	56.8	-20.4

Average Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	27.8	1.9	49.7	55.8	-6.1
0.230	21.3	1.0	42.3	52.4	-10.2
0.305	17.2	0.9	38.1	50.1	-12.0
0.456	12.2	0.8	33.0	46.8	-13.7
0.381	9.3	0.9	30.2	48.3	-18.1

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07	
Project:	None	Temperature:	22	
Job Site:	EV07	Humidity:	36	
Serial Number:	None	Barometric Pres.:	30.2	
		Tested by:		Holly Ashkannejhad
EUT:	DRCB Radio in CK32IS Handheld Computer			
Configuration:	1 - AC Powerline Conducted Emissions config			
Customer:	Intermec Technologies Corporation			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Transmitting 802.11(b), 1Mbps, low channel			
Deviations:				
Comments:				

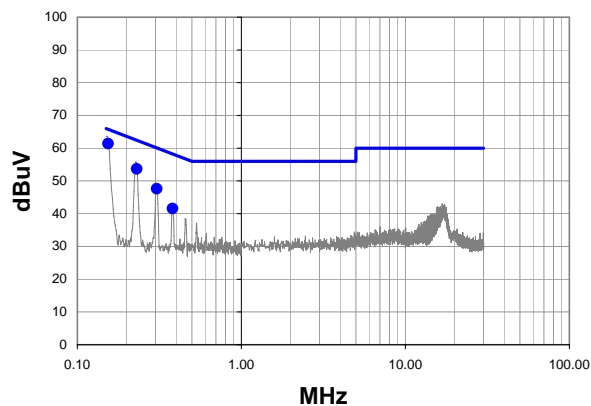
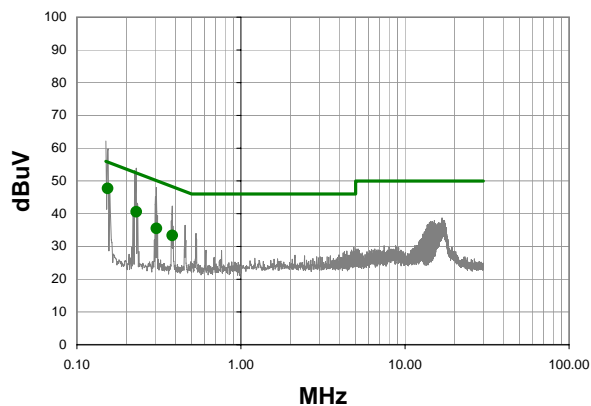
Test Specifications

FCC 15.207:2006

Class B**Test Method**

ANSI C63.4:2003

Run #	3	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	39.5	1.9	61.4	65.8	-4.4
0.230	32.7	1.0	53.7	62.4	-8.8
0.305	26.7	0.9	47.6	60.1	-12.5
0.381	20.7	0.9	41.6	58.3	-16.7

Average Data - vs - Average Limit

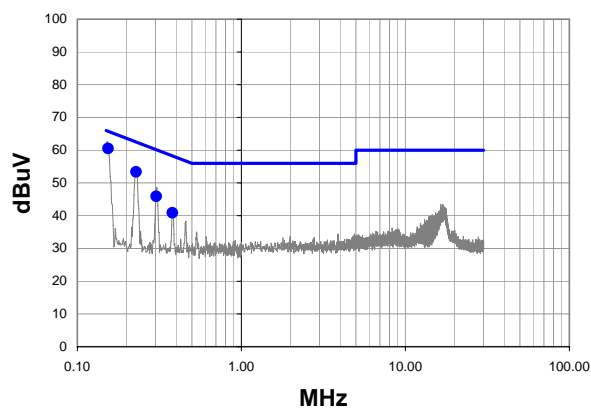
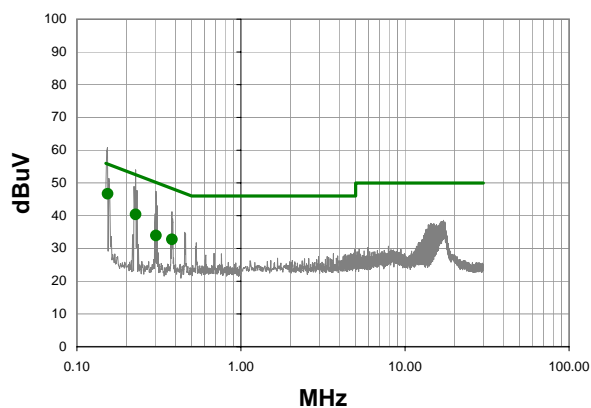
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	25.8	1.9	47.7	55.8	-8.1
0.230	19.6	1.0	40.6	52.4	-11.9
0.305	14.6	0.9	35.5	50.1	-14.6
0.381	12.5	0.9	33.4	48.3	-14.9

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07	
Project:	None	Temperature:	22	
Job Site:	EV07	Humidity:	36	
Serial Number:	None	Barometric Pres.:	30.2	
		Tested by:		Holly Ashkannejhad
EUT:	DRCB Radio in CK32IS Handheld Computer			
Configuration:	1 - AC Powerline Conducted Emissions config			
Customer:	Intermec Technologies Corporation			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Transmitting 802.11(b), 1Mbps, mid channel			
Deviations:				
Comments:				

Test Specifications FCC 15.207:2006	Class B	Test Method ANSI C63.4:2003
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Run #	4	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	38.6	1.9	60.5	65.8	-5.3
0.228	32.4	1.0	53.4	62.5	-9.1
0.303	25.0	0.9	45.9	60.2	-14.2
0.380	20.0	0.9	40.9	58.3	-17.4

Average Data - vs - Average Limit

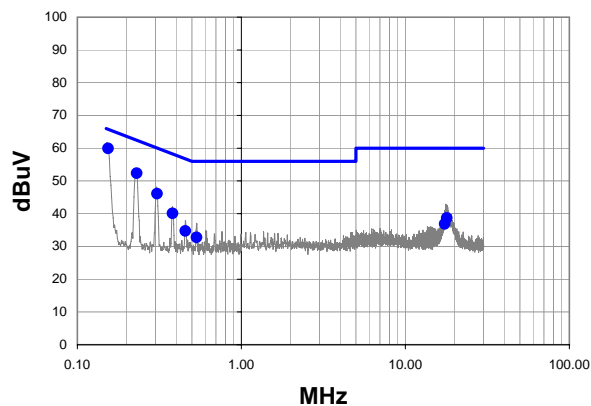
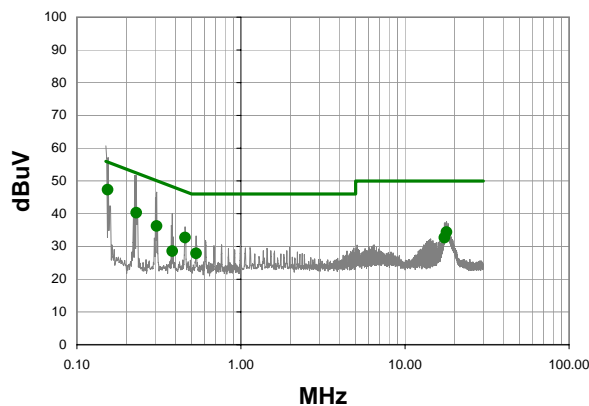
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	24.8	1.9	46.7	55.8	-9.1
0.228	19.4	1.0	40.4	52.5	-12.1
0.380	11.9	0.9	32.8	48.3	-15.5
0.303	13.0	0.9	33.9	50.2	-16.2

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07	
Project:	None	Temperature:	22	
Job Site:	EV07	Humidity:	36	
Serial Number:	None	Barometric Pres.:	30.2	
EUT:	DRCB Radio in CK32IS Handheld Computer			
Configuration:	1 - AC Powerline Conducted Emissions config			
Customer:	Intermec Technologies Corporation			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Transmitting 802.11(b), 1Mbps, mid channel			
Deviations:				
Comments:				

Test Specifications FCC 15.207:2006	Class B	Test Method ANSI C63.4:2003
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Run #	5	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	38.0	1.9	59.9	65.8	-5.9
0.230	31.4	1.0	52.4	62.4	-10.1
0.306	25.2	0.9	46.1	60.1	-13.9
0.381	19.2	0.9	40.1	58.3	-18.2
17.904	18.2	0.5	38.7	60.0	-21.3
0.456	13.9	0.8	34.7	56.8	-22.0
17.370	16.4	0.5	36.9	60.0	-23.1
0.533	12.0	0.8	32.8	56.0	-23.2

Average Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	25.4	1.9	47.3	55.8	-8.5
0.230	19.3	1.0	40.3	52.4	-12.2
0.306	15.3	0.9	36.2	50.1	-13.8
0.456	11.9	0.8	32.7	46.8	-14.0
17.904	13.9	0.5	34.4	50.0	-15.6
17.370	12.2	0.5	32.7	50.0	-17.3
0.533	7.1	0.8	27.9	46.0	-18.1
0.381	7.7	0.9	28.6	48.3	-19.7

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07	
Project:	None	Temperature:	22	
Job Site:	EV07	Humidity:	36	
Serial Number:	None	Barometric Pres.:	30.2	
EUT:		DRCB Radio in CK32IS Handheld Computer		
Configuration:		1 - AC Powerline Conducted Emissions config		
Customer:		Intermec Technologies Corporation		
Attendees:		None		
EUT Power:		120V/60Hz		
Operating Mode:		Transmitting 802.11(b), 1Mbps, high channel		
Deviations:				
Comments:				

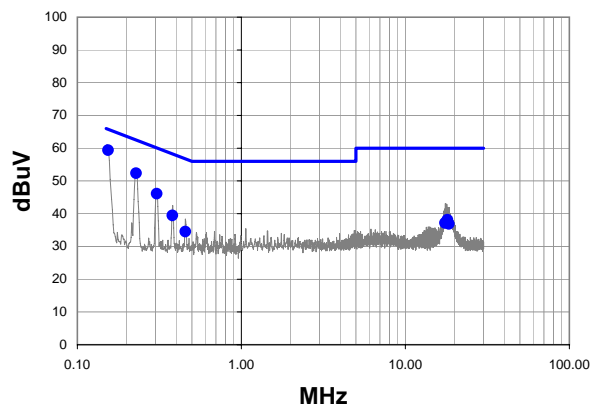
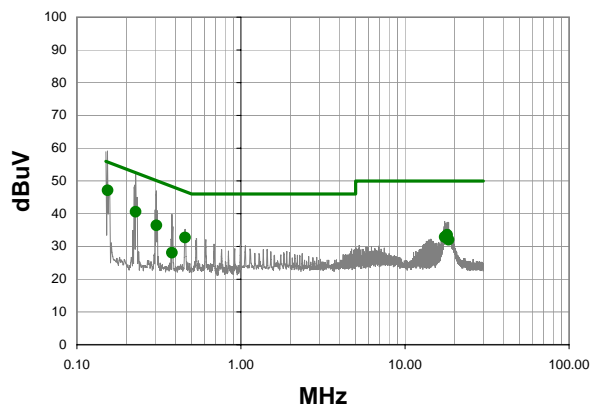
Test Specifications

FCC 15.207:2006

Class B**Test Method**

ANSI C63.4:2003

Run #	6	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	37.5	1.9	59.4	65.8	-6.4
0.228	31.4	1.0	52.4	62.5	-10.1
0.305	25.2	0.9	46.1	60.1	-14.0
0.380	18.6	0.9	39.5	58.3	-18.8
18.056	17.7	0.5	38.2	60.0	-21.8
0.456	13.7	0.8	34.5	56.8	-22.2
17.450	16.7	0.5	37.2	60.0	-22.8
18.440	16.4	0.5	36.9	60.0	-23.1

Average Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	25.2	1.9	47.1	55.8	-8.7
0.228	19.6	1.0	40.6	52.5	-11.9
0.305	15.5	0.9	36.4	50.1	-13.7
0.456	11.9	0.8	32.7	46.8	-14.0
18.056	13.1	0.5	33.6	50.0	-16.4
17.450	12.4	0.5	32.9	50.0	-17.1
18.440	11.6	0.5	32.1	50.0	-17.9
0.380	7.2	0.9	28.1	48.3	-20.2

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07		
Project:	None	Temperature:	22		
Job Site:	EV07	Humidity:	36		
Serial Number:	None	Barometric Pres.:	30.2		
				Tested by:	Holly Ashkannejhad
EUT:	DRCB Radio in CK32IS Handheld Computer				
Configuration:	1 - AC Powerline Conducted Emissions config				
Customer:	Intermec Technologies Corporation				
Attendees:	None				
EUT Power:	120V/60Hz				
Operating Mode:	Transmitting 802.11(b), 1Mbps, high channel				
Deviations:					
Comments:					

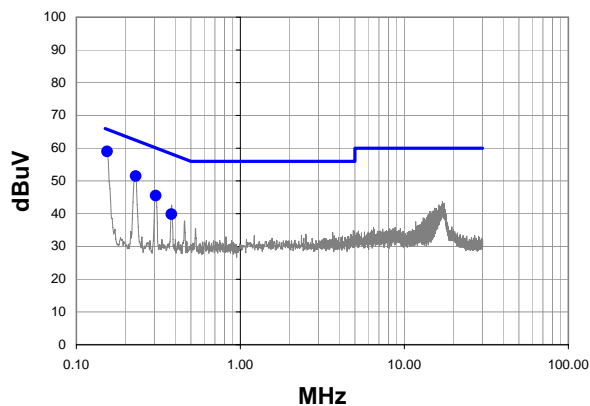
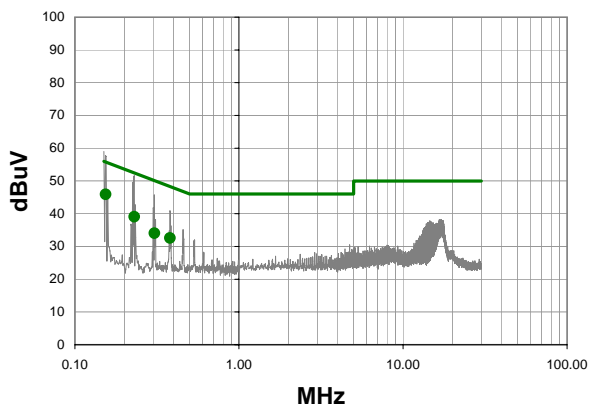
Test Specifications

FCC 15.207:2006

Class B**Test Method**

ANSI C63.4:2003

Run #	7	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	37.1	1.9	59.0	65.8	-6.8
0.230	30.5	1.0	51.5	62.4	-11.0
0.305	24.6	0.9	45.5	60.1	-14.6
0.380	19.0	0.9	39.9	58.3	-18.4

Average Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	24.0	1.9	45.9	55.8	-9.9
0.230	18.1	1.0	39.1	52.4	-13.4
0.380	11.7	0.9	32.6	48.3	-15.7
0.305	13.1	0.9	34.0	50.1	-16.1

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07	
Project:	None	Temperature:	22	
Job Site:	EV07	Humidity:	36	
Serial Number:	None	Barometric Pres.:	30.2	
		Tested by:		Holly Ashkannejhad
EUT:	DRCB Radio in CK32IS Handheld Computer			
Configuration:	1 - AC Powerline Conducted Emissions config			
Customer:	Intermec Technologies Corporation			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Transmitting 802.11(g), 6Mbps, low channel			
Deviations:				
Comments:				

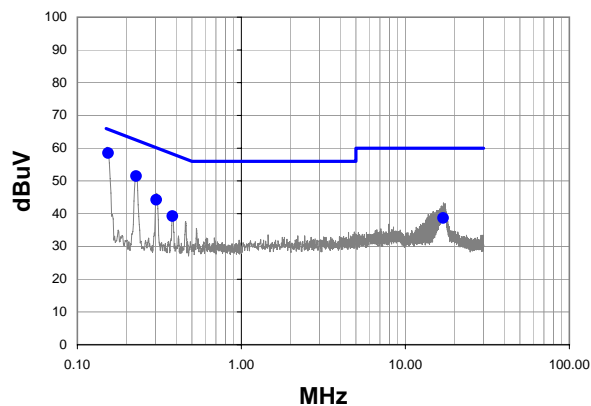
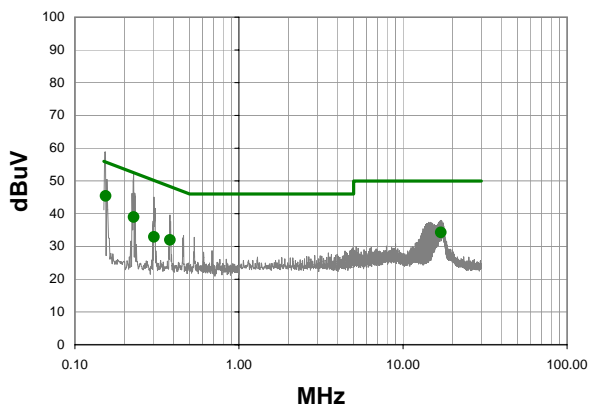
Test Specifications

FCC 15.207:2006

Class B**Test Method**

ANSI C63.4:2003

Run #	8	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	36.6	1.9	58.5	65.8	-7.3
0.228	30.5	1.0	51.5	62.5	-11.0
0.303	23.3	0.9	44.2	60.2	-15.9
0.380	18.4	0.9	39.3	58.3	-19.0
16.994	18.2	0.5	38.7	60.0	-21.3

Average Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	23.5	1.9	45.4	55.8	-10.4
0.228	18.0	1.0	39.0	52.5	-13.5
16.994	13.8	0.5	34.3	50.0	-15.7
0.380	11.1	0.9	32.0	48.3	-16.3
0.303	12.0	0.9	32.9	50.2	-17.2

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07	
Project:	None	Temperature:	22	
Job Site:	EV07	Humidity:	36	
Serial Number:	None	Barometric Pres.:	30.2	
		Tested by:		Holly Ashkannejhad
EUT:	DRCB Radio in CK32IS Handheld Computer			
Configuration:	1 - AC Powerline Conducted Emissions config			
Customer:	Intermec Technologies Corporation			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Transmitting 802.11(g), 6Mbps, low channel			
Deviations:				
Comments:				

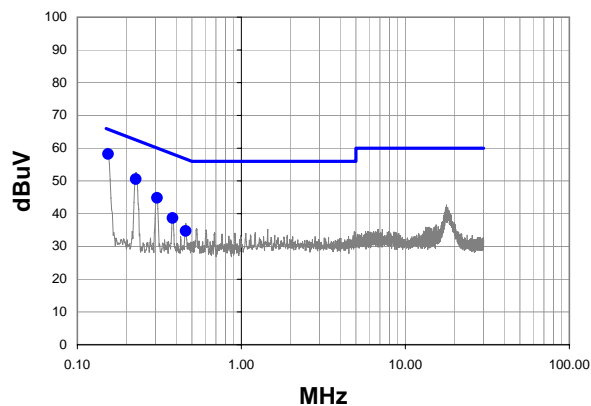
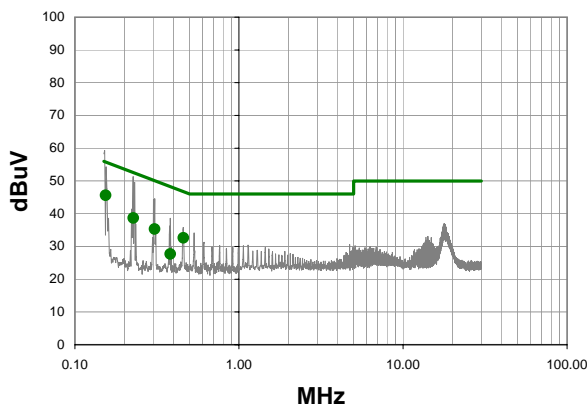
Test Specifications

FCC 15.207:2006

Class B**Test Method**

ANSI C63.4:2003

Run #	9	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	36.3	1.9	58.2	65.8	-7.6
0.227	29.6	1.0	50.6	62.6	-12.0
0.306	23.9	0.9	44.8	60.1	-15.2
0.381	17.8	0.9	38.7	58.3	-19.6
0.458	13.9	0.8	34.7	56.7	-22.0

Average Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	23.7	1.9	45.6	55.8	-10.2
0.227	17.7	1.0	38.7	52.6	-13.9
0.458	11.8	0.8	32.6	46.7	-14.1
0.306	14.4	0.9	35.3	50.1	-14.7
0.381	6.8	0.9	27.7	48.3	-20.6

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07	<i>Holly Ashkannejhad</i>
Project:	None	Temperature:	22	
Job Site:	EV07	Humidity:	36	
Serial Number:	None	Barometric Pres.:	30.2	
Tested by: Holly Ashkannejhad				
EUT:	DRCB Radio in CK32IS Handheld Computer			
Configuration:	1 - AC Powerline Conducted Emissions config			
Customer:	Intermec Technologies Corporation			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Transmitting 802.11(g), 6Mbps, mid channel			
Deviations:				
Comments:				

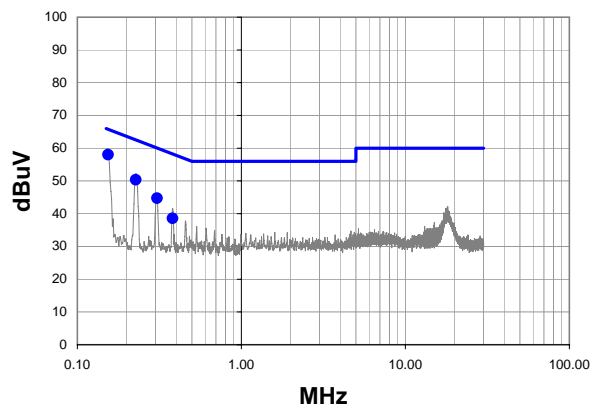
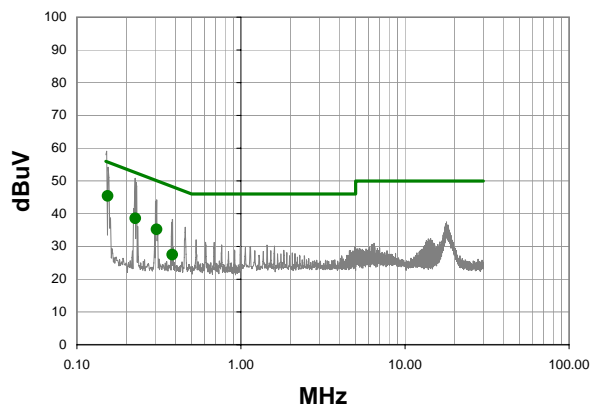
Test Specifications

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Class B**Test Method**

ANSI C63.4:2003

Run #	10	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	36.1	1.9	58.0	65.8	-7.8
0.227	29.4	1.0	50.4	62.6	-12.2
0.306	23.8	0.9	44.7	60.1	-15.3
0.381	17.7	0.9	38.6	58.3	-19.7

Average Data - vs - Average Limit

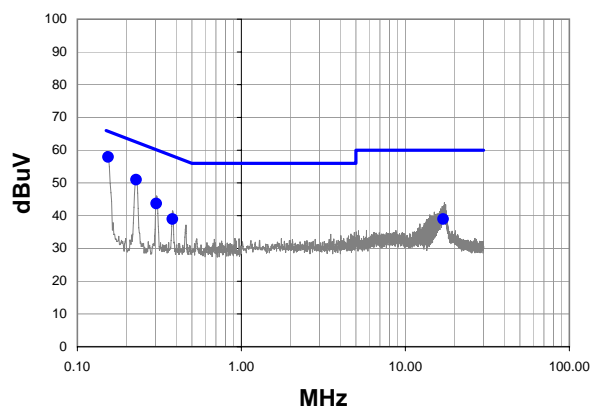
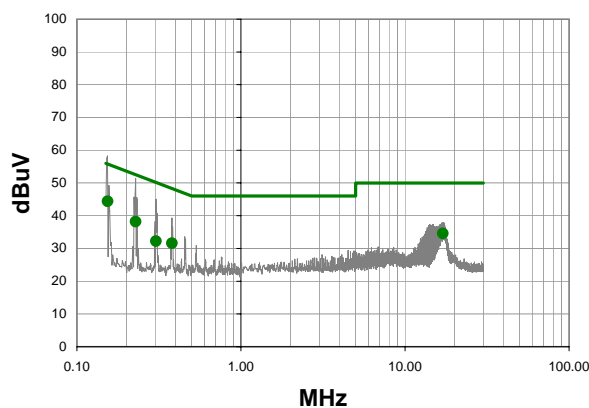
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	23.5	1.9	45.4	55.8	-10.4
0.227	17.6	1.0	38.6	52.6	-14.0
0.306	14.3	0.9	35.2	50.1	-14.8
0.381	6.6	0.9	27.5	48.3	-20.8

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07	
Project:	None	Temperature:	22	
Job Site:	EV07	Humidity:	36	
Serial Number:	None	Barometric Pres.:	30.2	
		Tested by:		Holly Ashkannejhad
EUT:	DRCB Radio in CK32IS Handheld Computer			
Configuration:	1 - AC Powerline Conducted Emissions config			
Customer:	Intermec Technologies Corporation			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Transmitting 802.11(g), 6Mbps, mid channel			
Deviations:				
Comments:				

Test Specifications FCC 15.207:2006	Class B	Test Method ANSI C63.4:2003
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Run #	11	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	36.0	1.9	57.9	65.8	-7.9
0.228	30.0	1.0	51.0	62.5	-11.5
0.303	22.8	0.9	43.7	60.2	-16.4
0.380	18.1	0.9	39.0	58.3	-19.3
16.994	18.5	0.5	39.0	60.0	-21.0

Average Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	22.5	1.9	44.4	55.8	-11.4
0.228	17.2	1.0	38.2	52.5	-14.3
16.994	14.1	0.5	34.6	50.0	-15.4
0.380	10.7	0.9	31.6	48.3	-16.7
0.303	11.3	0.9	32.2	50.2	-17.9

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07	
Project:	None	Temperature:	22	
Job Site:	EV07	Humidity:	36	
Serial Number:	None	Barometric Pres.:	30.2	
		Tested by:		Holly Ashkannejhad
EUT:	DRCB Radio in CK32IS Handheld Computer			
Configuration:	1 - AC Powerline Conducted Emissions config			
Customer:	Intermec Technologies Corporation			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Transmitting 802.11(g), 6Mbps, high channel			
Deviations:				
Comments:				

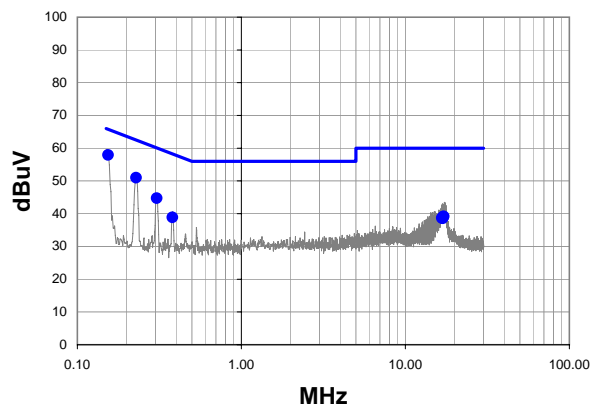
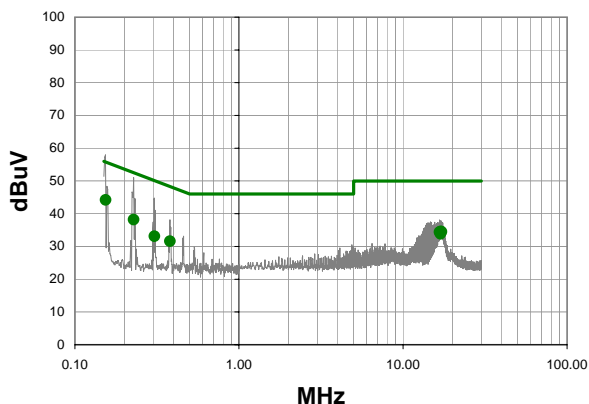
Test Specifications

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Class B**Test Method**

ANSI C63.4:2003

Run #	12	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	36.0	1.9	57.9	65.8	-7.9
0.228	30.0	1.0	51.0	62.5	-11.5
0.305	23.8	0.9	44.7	60.1	-15.4
0.380	18.0	0.9	38.9	58.3	-19.4
17.146	18.7	0.5	39.2	60.0	-20.8
16.994	18.6	0.5	39.1	60.0	-20.9
16.690	18.2	0.5	38.7	60.0	-21.3
16.920	18.1	0.5	38.6	60.0	-21.4

Average Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	22.3	1.9	44.2	55.8	-11.6
0.228	17.2	1.0	38.2	52.5	-14.3
16.994	14.1	0.5	34.6	50.0	-15.4
17.146	14.0	0.5	34.5	50.0	-15.5
16.690	13.9	0.5	34.4	50.0	-15.6
16.920	13.4	0.5	33.9	50.0	-16.1
0.380	10.7	0.9	31.6	48.3	-16.7
0.305	12.2	0.9	33.1	50.1	-17.0

EMC**AC Powerline Conducted Emissions**

Work Order:	INMC0362	Date:	05/23/07	
Project:	None	Temperature:	22	
Job Site:	EV07	Humidity:	36	
Serial Number:	None	Barometric Pres.:	30.2	
		Tested by:		Holly Ashkannejhad
EUT:	DRCB Radio in CK32IS Handheld Computer			
Configuration:	1 - AC Powerline Conducted Emissions config			
Customer:	Intermec Technologies Corporation			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Transmitting 802.11(g), 6Mbps, high channel			
Deviations:				
Comments:				

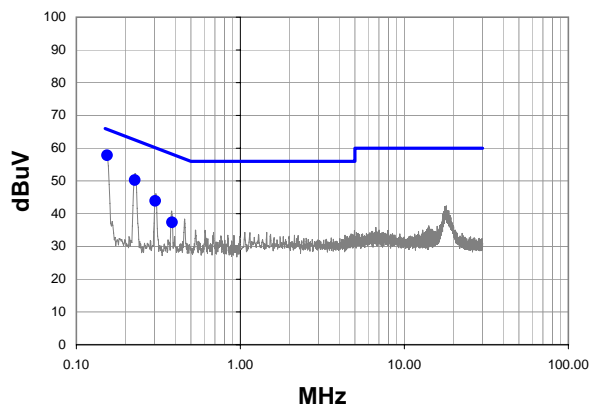
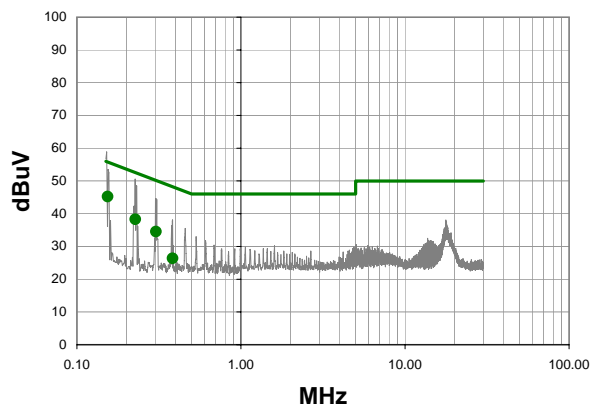
Test Specifications

FCC 15.207:2006

Class B**Test Method**

ANSI C63.4:2003

Run #	13	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit**Average Data - vs - Average Limit****Quasi Peak Data - vs - Quasi Peak Limit**

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	35.9	1.9	57.8	65.8	-8.0
0.227	29.3	1.0	50.3	62.6	-12.3
0.303	23.0	0.9	43.9	60.2	-16.2
0.383	16.5	0.9	37.4	58.2	-20.8

Average Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted dBuV	Spec. Limit dBuV	Compared to Spec. (dB)
0.154	23.3	1.9	45.2	55.8	-10.6
0.227	17.3	1.0	38.3	52.6	-14.3
0.303	13.6	0.9	34.5	50.2	-15.6
0.383	5.5	0.9	26.4	48.2	-21.8

