

**Exhibit T: Spurious Radiated Emissions w/Printer  
Configurations**

**FCC ID: HN2EASYLAN**

## Justification

The EASYLAN radio was previously tested in a standalone configuration with all available antennas at low, mid, and high transmit frequencies. However, this configuration did not meet all the requirements of FCC Public Notice DA 00-1407. Although it was tested outside of a 3400 printer, it had very short (<10cm) data and power cables connecting it to the printer. After conferring with Joe Dichoso at the FCC's OET lab, it was concluded that additional radiated scans should be made of the radio in its typical installed configuration for each model of printer that it will be used in. This scan data would provide adequate justification for a "limited modular approval" for this radio in each of the printers it was tested in. Previous testing in a standalone configuration demonstrated that the worse case configurations were mid and high channels with the omni and patch antennas. After the 3400 printer was scanned with the radio installed, the low level of emissions dictated that scans at just high channel for both antennas would be justified for the 4400 printer.

### Channels in Specified Band Investigated:

High
Mid

### Operating Modes Investigated:

Max Modulation
----------------

### Antennas Investigated:

Omni
Patch

### Data Rates Investigated:

Maximum – only one data rate available
--

### Output Power Setting(s) Investigated:

Maximum – only one power level available
--

### Power Input Settings Investigated:

120 VAC, 60 Hz.
-----------------

### Frequency Range Investigated

Start Frequency	30 MHz	Stop Frequency	26 GHz
-----------------	--------	----------------	--------

The following table outlines the scans that were performed for each printer configuration:

**Radiated Spurious Emissions for EASYLAN Installed in Two Different Printers**

Scan Run #s Are Shown for Each Tested Configuration

Frequency Range Investigated	3400 Printer					4400 Printer		
	Omni		Baseline w/ Xmitter Off	Patch		Omni Ch. 11	Baseline w/ Xmitter Off	Patch Ch. 11
	Ch. 6	Ch. 11		Ch. 6	Ch. 11			
30 - 1000 MHz	43	44	45	46	47	60	62	61
1 - 4 GHz	50	51		49	48	58		57
4 - 10 GHz	53	52		54	55	59		56
10 - 18 GHz	67	68		70	69	66		65
18 - 26 GHz	74	73		71	72	63		64

**Software\Firmware Applied During Test**

Exercise software	Windows 98 Hyperterminal	Version	Unknown
Description			
Windows 98 Hyperterminal was used to communicate with the RF module embedded firmware.			

**Equipment Modifications**

No EMI suppression devices were added or modified. The EUT was tested as delivered.

**EUT and Peripherals**

Description	Manufacturer	Model/Part Number	Serial Number
EASYLAN installed in Printer	Intermec	3400E400	E7/199
EASYLAN installed in Printer	Intermec	4440	2019900103
Patch antenna	Xertex Technologies	067262	102955
Omni Antenna	Cushcraft	063363	N/A

**Cables**

Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
Antenna Adapter	Yes	.31	No	RF Server	Antenna
AC Power	No	2.1	No	Printer	AC Mains

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

## Measurement Equipment

Description	Manufacturer	Model	Identifier	Last Cal	Interval
Spectrum Analyzer	Hewlett-Packard	8566B	AAL	03/19/2002	12 mo
Quasi-Peak Adapter	Hewlett-Packard	85650A	AQF	03/19/2002	12 mo
Antenna, Biconilog	EMCO	3141	AXE	12/31/2001	12 mo
Pre-Amplifier	Amplifier Research	LN1000A	APS	12/03/2001	12 mo
Pre-Amplifier	Miteq	AMF-4D-005180-24-10P	APC	11/26/2001	12 mo
Antenna, Horn	EMCO	3115	AHC	08/24/2001	12 mo
Spectrum Analyzer	Tektronix	2784	AAO	03/08/2001	24 mo
Antenna, Horn	EMCO	3160-09	AHG	01/15/2000	36 mo
High Pass Filter	RLC Electronics	F-100-4000-5-R (HPF>	HFD	02/04/2002	12 mo
Pre-Amplifier	Miteq	JSD4-18002600-26-8P	APU	01/17/2000	36 mo
Pre-Amplifier 0.5-18 GHz	Miteq	AMF-4D-005180-24-10P	APQ	04/23/2002	12 mo

## Test Description

**Requirement:** The field strength of any spurious emissions or modulation products that fall in a restricted band, as defined in 47 CFR 15.205, is measured. The peak level must comply with the limits specified in 47 CFR 15.35(b). The average level (taken with a 10Hz VBW) must comply with the limits specified in 15.209.

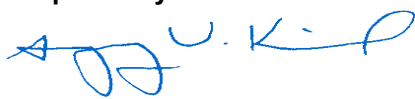
**Configuration:** Each antenna to be used with the EUT was tested. The EUT was configured for mid and high band transmit frequencies. For each configuration, the spectrum was scanned throughout the specified range. In addition, measurements were made in the restricted bands to verify compliance. While scanning, emissions from the EUT were maximized by rotating the EUT and adjusting the measurement antenna height and polarization (per ANSI C63.4:1992). A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

## Bandwidths Used for Measurements

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

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

Completed by:



NORTHWEST  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df1.00 04/23/2002

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/24/02 15:10
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT installed in 3400E400 (S/N E7/199) printer with 063363 omni antenna, Channel 6, FFFF data

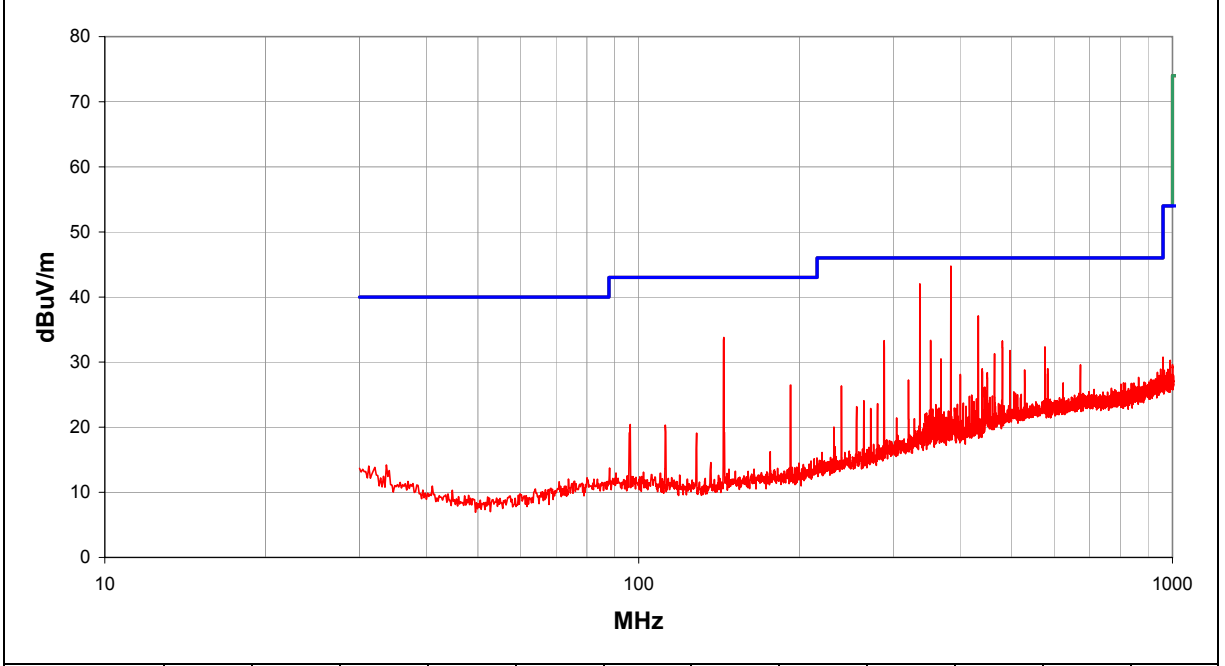
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	43

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
384.582	57.0	29.1	0.0	15.8	1.1	0.0	H		0.0	44.8	46.0	-1.2
336.423	55.2	29.1	0.0	14.9	1.0	0.0	H		0.0	42.0	46.0	-4.0
432.742	48.4	29.1	0.0	16.7	1.1	0.0	H		0.0	37.1	46.0	-8.9
144.391	53.2	29.2	0.0	9.1	0.7	0.0	H		0.0	33.8	43.0	-9.2
336.638	49.9	29.1	0.0	15.0	1.0	0.0	V		0.0	36.7	46.0	-9.3
384.367	48.7	29.1	0.0	15.8	1.1	0.0	V		0.0	36.4	46.0	-9.6
352.548	46.1	29.1	0.0	15.3	1.0	0.0	H		0.0	33.3	46.0	-12.7
288.264	48.1	29.1	0.0	13.4	0.9	0.0	H		0.0	33.3	46.0	-12.7
480.162	43.5	29.1	0.0	17.6	1.2	0.0	H		0.0	33.2	46.0	-12.8
576.738	40.7	29.4	0.0	19.7	1.4	0.0	V		0.0	32.3	46.0	-13.7
480.452	42.5	29.1	0.0	17.6	1.2	0.0	V		0.0	32.2	46.0	-13.8
496.401	41.7	29.1	0.0	17.9	1.2	0.0	H		0.0	31.8	46.0	-14.2
432.742	43.0	29.1	0.0	16.7	1.1	0.0	V		0.0	31.7	46.0	-14.3
464.213	41.9	29.1	0.0	17.3	1.2	0.0	H		0.0	31.3	46.0	-14.7
368.458	43.0	29.1	0.0	15.6	1.0	0.0	H		0.0	30.5	46.0	-15.5
672.240	36.7	29.8	0.0	21.2	1.5	0.0	V		0.0	29.6	46.0	-16.4
192.771	44.7	29.2	0.0	10.2	0.8	0.0	H		0.0	26.5	43.0	-16.5
583.600	37.2	29.4	0.0	19.8	1.4	0.0	H		0.0	29.0	46.0	-17.0
440.145	40.1	29.1	0.0	16.8	1.2	0.0	H		0.0	29.0	46.0	-17.0
950.483	33.4	29.9	0.0	23.7	1.8	0.0	H		0.0	28.9	46.0	-17.1
528.592	38.1	29.2	0.0	18.6	1.3	0.0	V		0.0	28.8	46.0	-17.2

NORTHWEST **EMC** **RADIATED EMISSIONS DATA SHEET** REV df1.90 04/23/2002

<b>EUT:</b> EASYLAN installed in Printer		<b>Work Order:</b> INMC0015
<b>Serial Number:</b>		<b>Date:</b> 4/24/02 15:20
<b>Customer:</b> Intermecc Corporation		<b>Temperature:</b> 72
<b>Attendees:</b> None	<b>Tested by:</b> Greg Kiemel	<b>Humidity:</b> 33%
<b>Cust. Ref. No.:</b>	<b>Power:</b> 120VAC/60Hz	<b>Job Site:</b> EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT installed in 3400E400 (S/N E7/199) printer with 063363 omni antenna, Channel 11, FFFF data

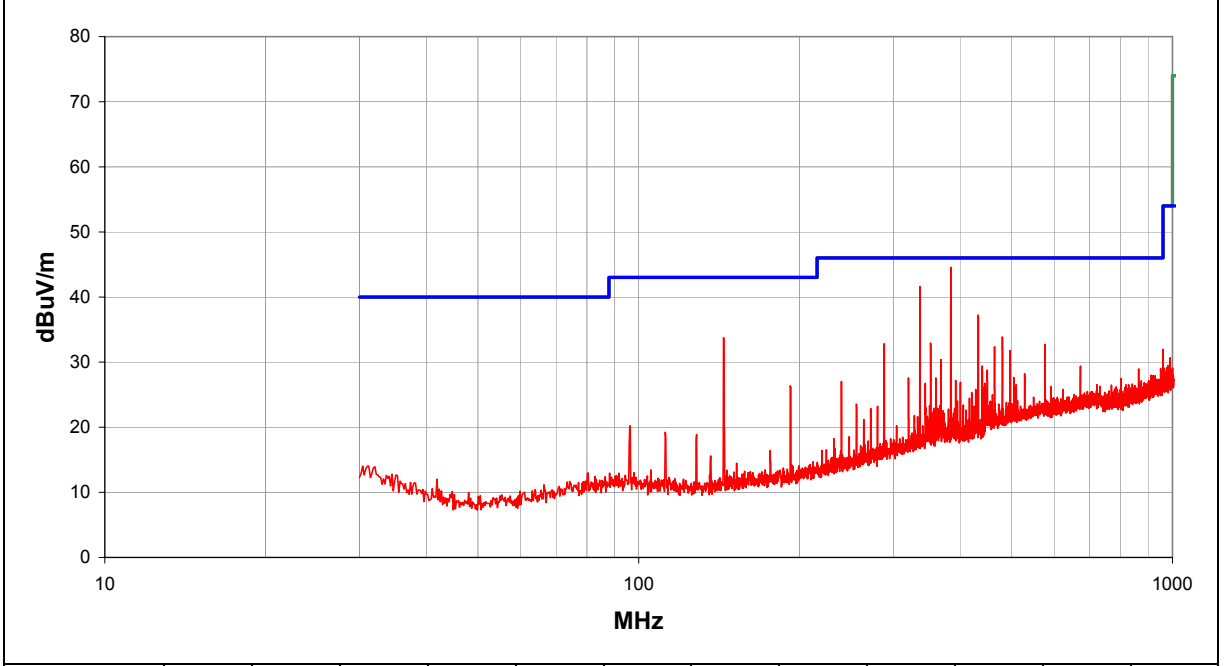
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	3	44

**Other**

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
384.582	56.8	29.1	0.0	15.8	1.1	0.0	H		0.0	44.6	46.0	-1.4
336.423	54.8	29.1	0.0	14.9	1.0	0.0	H		0.0	41.6	46.0	-4.4
432.742	48.5	29.1	0.0	16.7	1.1	0.0	H		0.0	37.2	46.0	-8.8
144.186	53.2	29.2	0.0	9.1	0.7	0.0	H		0.0	33.8	43.0	-9.2
336.423	49.8	29.1	0.0	14.9	1.0	0.0	V		0.0	36.6	46.0	-9.4
384.582	48.8	29.1	0.0	15.8	1.1	0.0	V		0.0	36.6	46.0	-9.4
480.162	44.1	29.1	0.0	17.6	1.2	0.0	H		0.0	33.8	46.0	-12.2
352.333	45.7	29.1	0.0	15.3	1.0	0.0	H		0.0	32.9	46.0	-13.1
288.479	47.6	29.1	0.0	13.4	0.9	0.0	H		0.0	32.8	46.0	-13.2
576.738	41.1	29.4	0.0	19.7	1.4	0.0	V		0.0	32.7	46.0	-13.3
464.213	43.0	29.1	0.0	17.3	1.2	0.0	H		0.0	32.4	46.0	-13.6
480.162	42.5	29.1	0.0	17.6	1.2	0.0	V		0.0	32.2	46.0	-13.8
496.401	41.7	29.1	0.0	17.9	1.2	0.0	H		0.0	31.8	46.0	-14.2
432.957	42.8	29.1	0.0	16.7	1.1	0.0	V		0.0	31.5	46.0	-14.5
368.458	42.9	29.1	0.0	15.6	1.0	0.0	H		0.0	30.4	46.0	-15.6
672.240	36.5	29.8	0.0	21.2	1.5	0.0	V		0.0	29.4	46.0	-16.6
440.145	40.5	29.1	0.0	16.8	1.2	0.0	H		0.0	29.4	46.0	-16.6
192.361	44.6	29.2	0.0	10.2	0.8	0.0	H		0.0	26.4	43.0	-16.6
950.483	33.5	29.9	0.0	23.7	1.8	0.0	V		0.0	29.0	46.0	-17.0
864.375	34.8	30.2	0.0	22.7	1.7	0.0	V		0.0	29.0	46.0	-17.0
450.004	39.7	29.1	0.0	17.0	1.2	0.0	H		0.0	28.8	46.0	-17.2

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/24/02 15:31
Customer:	Intermec Corporation	Temperature: 72
Attendees:	None	Humidity: 33%
Cust. Ref. No.:		Job Site: EV01
	Tested by: Greg Kiemel	
	Power: 120VAC/60Hz	

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT installed in 3400E400 (S/N E7/199) printer with 063363 omni antenna, EUT not transmitting. Baseline of digital noise from host printer.


**EUT OPERATING MODES**

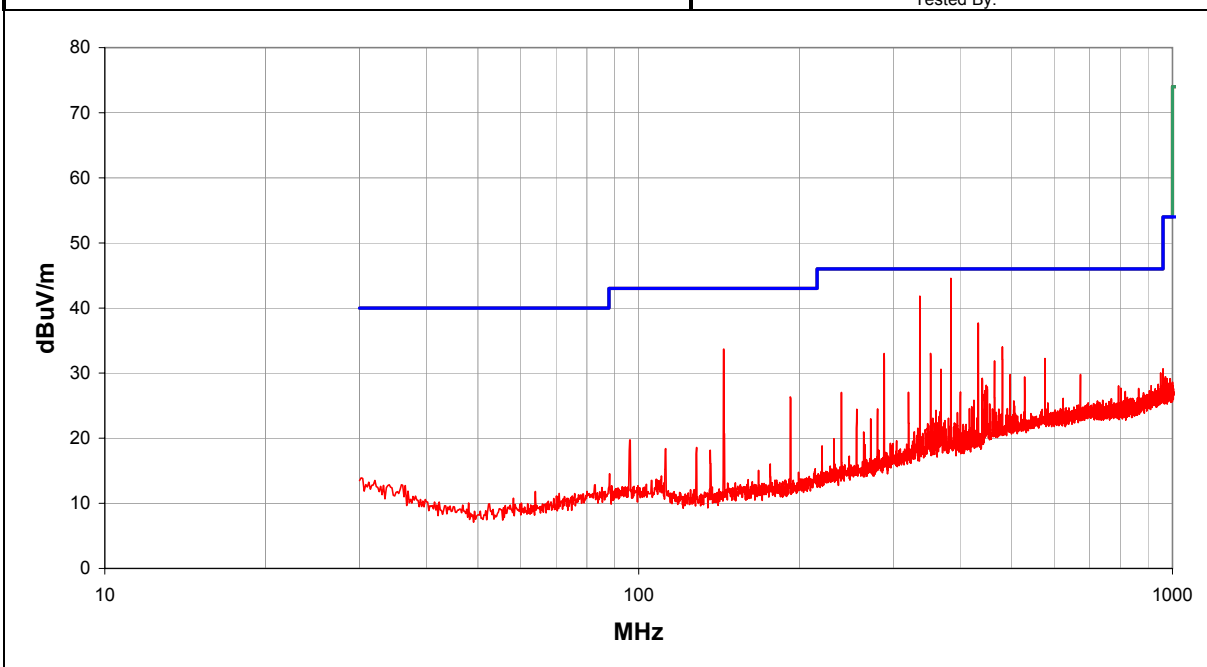
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	45

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
384.582	56.8	29.1	0.0	15.8	1.1	0.0	H		0.0	44.6	46.0	-1.4
336.423	55.0	29.1	0.0	14.9	1.0	0.0	H		0.0	41.8	46.0	-4.2
432.742	49.0	29.1	0.0	16.7	1.1	0.0	H		0.0	37.7	46.0	-8.3
384.367	49.0	29.1	0.0	15.8	1.1	0.0	V		0.0	36.7	46.0	-9.3
144.391	53.1	29.2	0.0	9.1	0.7	0.0	H		0.0	33.7	43.0	-9.3
336.208	49.5	29.1	0.0	14.9	1.0	0.0	V		0.0	36.3	46.0	-9.7
480.162	44.3	29.1	0.0	17.6	1.2	0.0	H		0.0	34.0	46.0	-12.0
352.333	45.8	29.1	0.0	15.3	1.0	0.0	H		0.0	33.0	46.0	-13.0
480.162	43.3	29.1	0.0	17.6	1.2	0.0	V		0.0	33.0	46.0	-13.0
288.264	47.8	29.1	0.0	13.4	0.9	0.0	H		0.0	33.0	46.0	-13.0
432.957	43.8	29.1	0.0	16.7	1.1	0.0	V		0.0	32.5	46.0	-13.5
576.738	40.6	29.4	0.0	19.7	1.4	0.0	V		0.0	32.2	46.0	-13.8
464.213	42.5	29.1	0.0	17.3	1.2	0.0	H		0.0	31.9	46.0	-14.1
368.458	43.1	29.1	0.0	15.6	1.0	0.0	H		0.0	30.6	46.0	-15.4
950.483	34.5	29.9	0.0	23.7	1.8	0.0	V		0.0	30.0	46.0	-16.0
672.240	36.9	29.8	0.0	21.2	1.5	0.0	V		0.0	29.8	46.0	-16.2
496.256	39.7	29.1	0.0	17.9	1.2	0.0	H		0.0	29.8	46.0	-16.2
144.391	46.1	29.2	0.0	9.1	0.7	0.0	V		0.0	26.7	43.0	-16.3
528.592	38.7	29.2	0.0	18.6	1.3	0.0	V		0.0	29.4	46.0	-16.6
192.361	44.6	29.2	0.0	10.2	0.8	0.0	H		0.0	26.4	43.0	-16.6
440.290	40.3	29.1	0.0	16.8	1.2	0.0	H		0.0	29.2	46.0	-16.8

**EMC RADIATED EMISSIONS DATA SHEET**

REV df1.00  
04/23/2002

<b>EUT:</b> EASYLAN installed in Printer		<b>Work Order:</b> INMC0015
<b>Serial Number:</b>		<b>Date:</b> 4/24/02 15:47
<b>Customer:</b> Intermecc Corporation		<b>Temperature:</b> 72
<b>Attendees:</b> None	<b>Tested by:</b> Greg Kiemel	<b>Humidity:</b> 33%
<b>Cust. Ref. No.:</b>	<b>Power:</b> 120VAC/60Hz	<b>Job Site:</b> EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT installed in 3400E400 (S/N E7/199) printer with 067262 patch antenna, Channel 6, FFFF data.

**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**

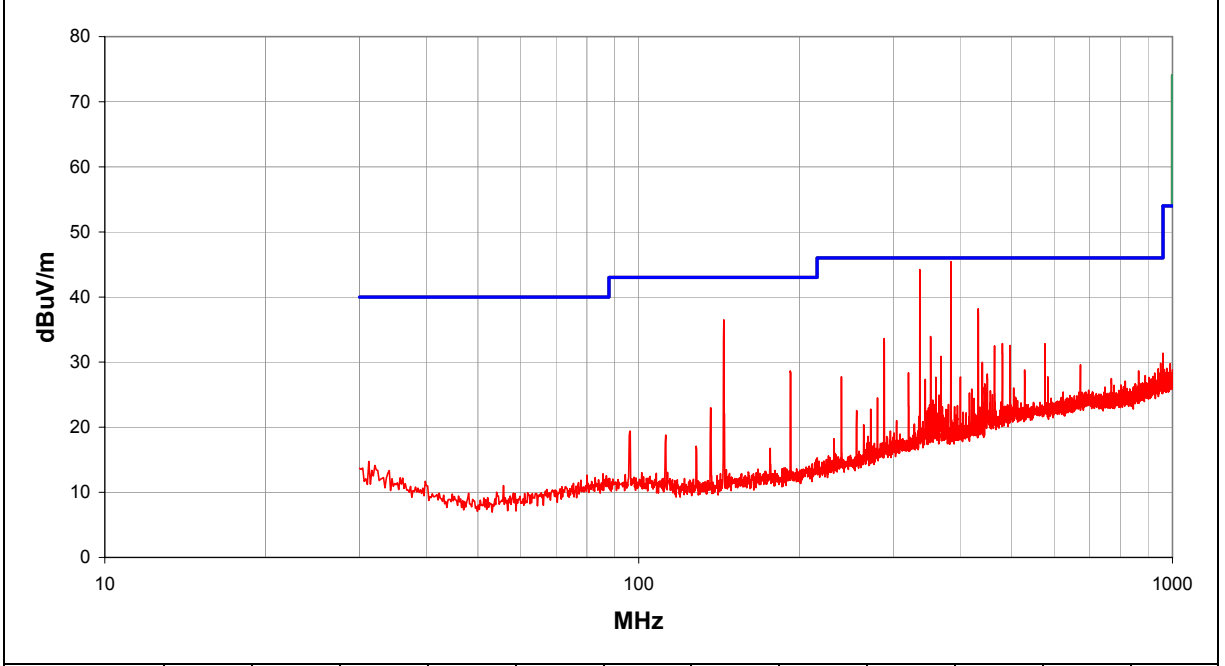
No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	3	46

**Other**



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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
384.582	57.7	29.1	0.0	15.8	1.1	0.0	H		0.0	45.5	46.0	-0.5
336.208	57.4	29.1	0.0	14.9	1.0	0.0	H		0.0	44.2	46.0	-1.8
144.391	55.9	29.2	0.0	9.1	0.7	0.0	H		0.0	36.5	43.0	-6.5
432.742	49.5	29.1	0.0	16.7	1.1	0.0	H		0.0	38.2	46.0	-7.8
384.582	48.8	29.1	0.0	15.8	1.1	0.0	V		0.0	36.6	46.0	-9.4
336.423	49.0	29.1	0.0	14.9	1.0	0.0	V		0.0	35.8	46.0	-10.2
352.333	46.7	29.1	0.0	15.3	1.0	0.0	H		0.0	33.9	46.0	-12.1
288.264	48.4	29.1	0.0	13.4	0.9	0.0	H		0.0	33.6	46.0	-12.4
576.738	41.2	29.4	0.0	19.7	1.4	0.0	V		0.0	32.8	46.0	-13.2
480.162	43.1	29.1	0.0	17.6	1.2	0.0	V		0.0	32.8	46.0	-13.2
432.957	43.9	29.1	0.0	16.7	1.1	0.0	V		0.0	32.6	46.0	-13.4
496.256	42.5	29.1	0.0	17.9	1.2	0.0	H		0.0	32.6	46.0	-13.4
464.213	43.1	29.1	0.0	17.3	1.2	0.0	H		0.0	32.5	46.0	-13.5
480.162	42.7	29.1	0.0	17.6	1.2	0.0	H		0.0	32.4	46.0	-13.6
192.361	46.9	29.2	0.0	10.2	0.8	0.0	H		0.0	28.7	43.0	-14.3
368.458	43.4	29.1	0.0	15.6	1.0	0.0	H		0.0	30.9	46.0	-15.1
440.435	41.1	29.1	0.0	16.8	1.2	0.0	H		0.0	30.0	46.0	-16.0
950.483	34.3	29.9	0.0	23.7	1.8	0.0	V		0.0	29.8	46.0	-16.2
440.145	40.9	29.1	0.0	16.8	1.2	0.0	H		0.0	29.8	46.0	-16.2
440.000	40.9	29.1	0.0	16.8	1.2	0.0	H		0.0	29.8	46.0	-16.2
672.240	36.7	29.8	0.0	21.2	1.5	0.0	V		0.0	29.6	46.0	-16.4



EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/24/02 16:08
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT installed in 3400E400 (S/N E7/199) printer with 067262 patch antenna, Channel 11, FFFF data.

**EUT OPERATING MODES**

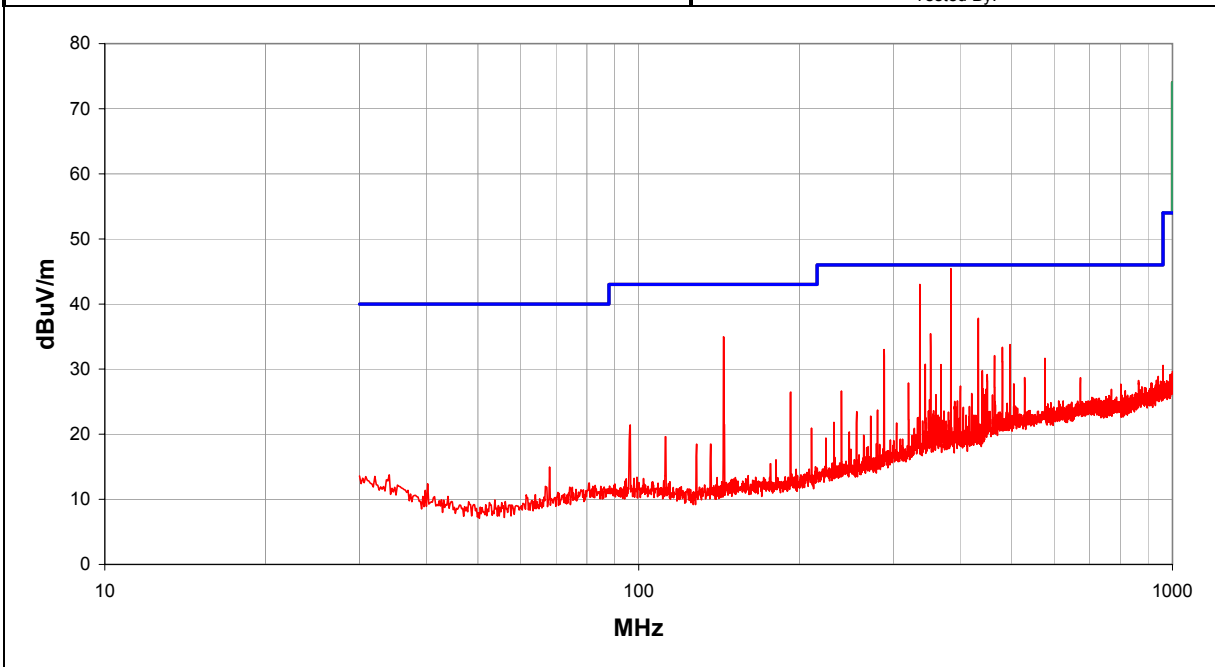
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	47

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
384.582	57.7	29.1	0.0	15.8	1.1	0.0	H		0.0	45.5	46.0	-0.5
336.208	56.2	29.1	0.0	14.9	1.0	0.0	H		0.0	43.0	46.0	-3.0
144.186	54.4	29.2	0.0	9.1	0.7	0.0	H		0.0	35.0	43.0	-8.0
432.957	49.1	29.1	0.0	16.7	1.1	0.0	H		0.0	37.8	46.0	-8.2
384.797	48.0	29.1	0.0	15.8	1.1	0.0	V		0.0	35.8	46.0	-10.2
352.333	48.2	29.1	0.0	15.3	1.0	0.0	H		0.0	35.4	46.0	-10.6
336.423	47.7	29.1	0.0	14.9	1.0	0.0	V		0.0	34.5	46.0	-11.5
496.401	43.7	29.1	0.0	17.9	1.2	0.0	H		0.0	33.8	46.0	-12.2
480.162	43.6	29.1	0.0	17.6	1.2	0.0	H		0.0	33.3	46.0	-12.7
480.162	43.6	29.1	0.0	17.6	1.2	0.0	V		0.0	33.3	46.0	-12.7
288.049	47.8	29.1	0.0	13.4	0.9	0.0	H		0.0	33.0	46.0	-13.0
432.957	43.9	29.1	0.0	16.7	1.1	0.0	V		0.0	32.6	46.0	-13.4
464.213	42.7	29.1	0.0	17.3	1.2	0.0	H		0.0	32.1	46.0	-13.9
576.738	40.0	29.4	0.0	19.7	1.4	0.0	V		0.0	31.6	46.0	-14.4
144.391	47.6	29.2	0.0	9.1	0.7	0.0	V		0.0	28.2	43.0	-14.8
344.378	43.7	29.1	0.0	15.2	1.0	0.0	H		0.0	30.7	46.0	-15.3
368.458	43.2	29.1	0.0	15.6	1.0	0.0	H		0.0	30.7	46.0	-15.3
440.435	40.9	29.1	0.0	16.8	1.2	0.0	H		0.0	29.8	46.0	-16.2
192.771	44.7	29.2	0.0	10.2	0.8	0.0	H		0.0	26.5	43.0	-16.5
440.000	40.6	29.1	0.0	16.8	1.2	0.0	H		0.0	29.5	46.0	-16.5
449.859	40.1	29.1	0.0	17.0	1.2	0.0	H		0.0	29.2	46.0	-16.8

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/24/02 16:35
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT installed in 3400E400 (S/N E7/199) printer with 067262 patch antenna, Channel 11, FFFF data.

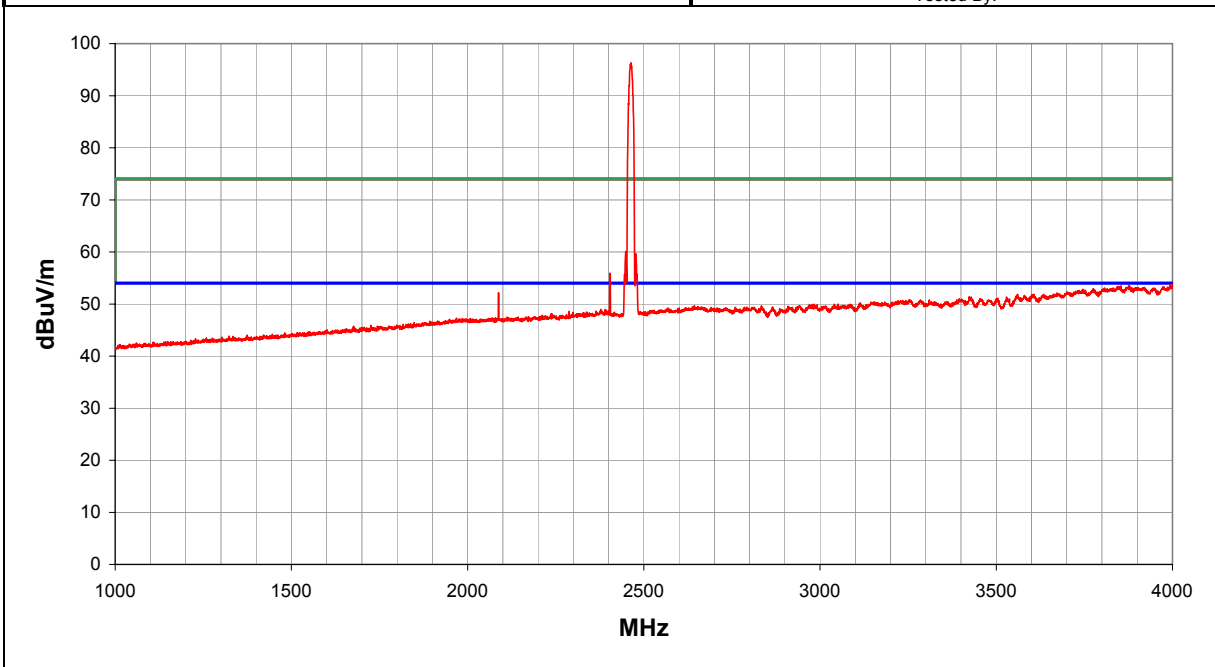
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	48

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
2463.599	77.3	33.7	0.0	30.1	2.6	20.0	V		0.0	96.3	74.0	22.3
2463.599	70.6	33.7	0.0	30.1	2.6	20.0	H		0.0	89.6	74.0	15.6
2448.809	41.1	33.7	0.0	30.1	2.6	20.0	V		0.0	60.1	74.0	-13.9
2477.369	40.6	33.7	0.0	30.2	2.6	20.0	V		0.0	59.7	74.0	-14.3
2403.928	37.0	33.7	0.0	30.0	2.6	20.0	V		0.0	55.9	74.0	-18.1
2447.789	35.6	33.7	0.0	30.1	2.6	20.0	H		0.0	54.6	74.0	-19.4
2476.859	34.8	33.7	0.0	30.1	2.6	20.0	H		0.0	53.9	74.0	-20.1
3994.199	28.9	33.3	0.0	34.2	3.9	20.0	V		0.0	53.7	74.0	-20.3
3853.947	29.3	33.4	0.0	33.8	3.8	20.0	H		0.0	53.5	74.0	-20.5
2087.722	33.9	33.5	0.0	29.3	2.5	20.0	H		0.0	52.2	74.0	-21.8
3423.308	29.0	33.6	0.0	32.6	3.5	20.0	H		0.0	51.4	74.0	-22.6
3428.918	28.9	33.6	0.0	32.6	3.5	20.0	V		0.0	51.3	74.0	-22.7
2403.928	32.3	33.7	0.0	30.0	2.6	20.0	H		0.0	51.2	74.0	-22.8
2643.313	30.1	33.8	0.0	30.5	2.8	20.0	H		0.0	49.7	74.0	-24.3
2833.546	29.4	33.8	0.0	30.9	3.1	20.0	V		0.0	49.6	74.0	-24.4
2087.722	30.9	33.5	0.0	29.3	2.5	20.0	V		0.0	49.2	74.0	-24.8

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/24/02 16:51
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT installed in 3400E400 (S/N E7/199) printer with 067262 patch antenna, Channel 6, FFFF data.

**EUT OPERATING MODES**

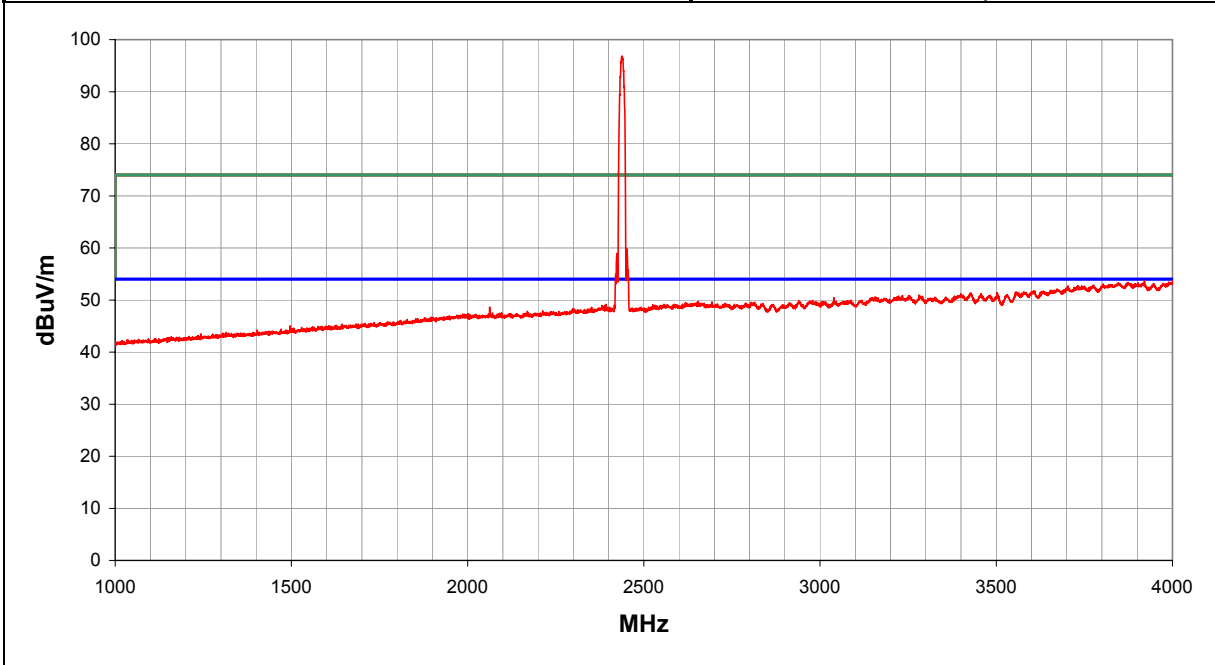
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	49

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
2438.608	77.9	33.7	0.0	30.1	2.6	20.0	V		0.0	96.9	74.0	22.9
2438.608	71.5	33.7	0.0	30.1	2.6	20.0	H		0.0	90.5	74.0	16.5
2452.379	40.8	33.7	0.0	30.1	2.6	20.0	V		0.0	59.8	74.0	-14.2
2423.818	40.0	33.7	0.0	30.0	2.6	20.0	V		0.0	58.9	74.0	-15.1
3920.758	29.3	33.3	0.0	34.0	3.8	20.0	V		0.0	53.8	74.0	-20.2
2451.869	34.7	33.7	0.0	30.1	2.6	20.0	H		0.0	53.7	74.0	-20.3
4000.830	28.8	33.3	0.0	34.2	3.9	20.0	H		0.0	53.6	74.0	-20.4
2423.308	34.2	33.7	0.0	30.0	2.6	20.0	H		0.0	53.1	74.0	-20.9
3501.850	28.7	33.6	0.0	32.8	3.5	20.0	V		0.0	51.4	74.0	-22.6
3428.918	28.9	33.6	0.0	32.6	3.5	20.0	H		0.0	51.3	74.0	-22.7
3426.878	28.9	33.6	0.0	32.6	3.5	20.0	V		0.0	51.3	74.0	-22.7
3503.380	28.6	33.6	0.0	32.8	3.5	20.0	H		0.0	51.3	74.0	-22.7
3039.271	29.5	33.9	0.0	31.4	3.4	20.0	V		0.0	50.4	74.0	-23.6
2654.533	30.1	33.8	0.0	30.5	2.8	20.0	H		0.0	49.7	74.0	-24.3
2062.731	30.4	33.5	0.0	29.2	2.5	20.0	H		0.0	48.6	74.0	-25.4

**RADIATED EMISSIONS DATA SHEET**

NORTHWEST  
**EMC**

REV  
df1.90  
04/23/2002

<b>EUT:</b> EASYLAN installed in Printer		<b>Work Order:</b> INMC0015
<b>Serial Number:</b>		<b>Date:</b> 4/24/02 17:08
<b>Customer:</b> Intermec Corporation		<b>Temperature:</b> 72
<b>Attendees:</b> None	<b>Tested by:</b> Greg Kiemel	<b>Humidity:</b> 33%
<b>Cust. Ref. No.:</b>	<b>Power:</b> 120VAC/60Hz	<b>Job Site:</b> EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT installed in 3400E400 (S/N E7/199) printer with 063363 omni antenna, Channel 6, FFFF data.

**EUT OPERATING MODES**


**DEVIATIONS FROM TEST STANDARD**

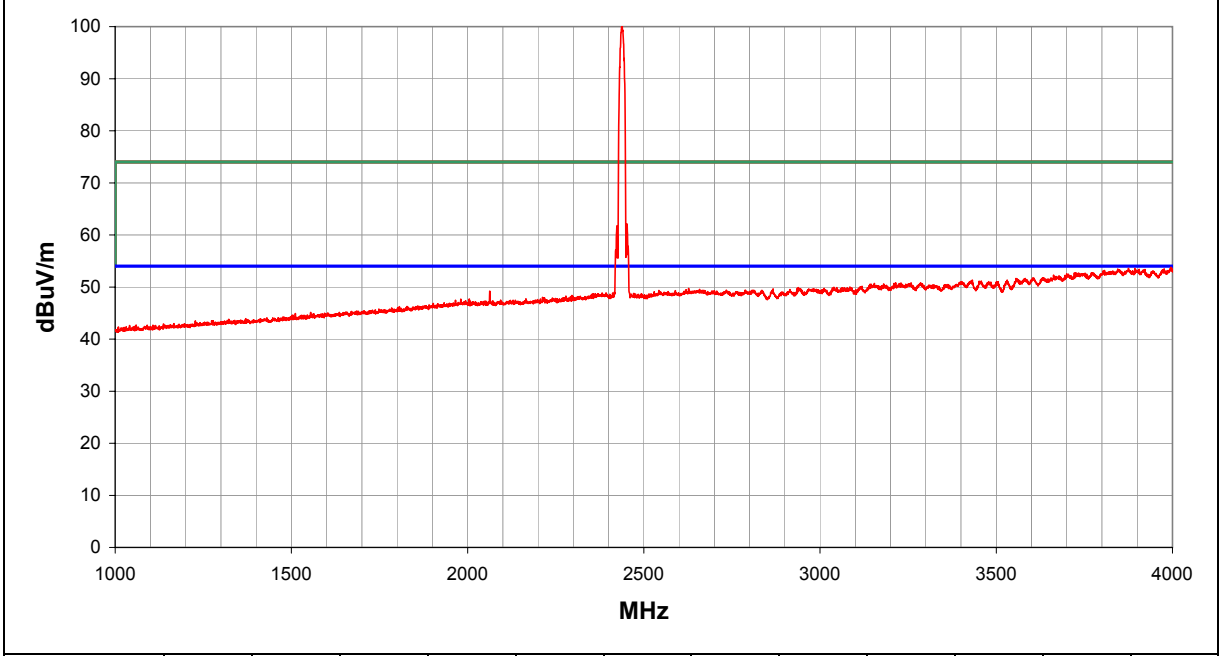
No deviations.

**RESULTS**

	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	3	50

**Other**

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
2438.608	81.1	33.7	0.0	30.1	2.6	20.0	V		0.0	100.1	74.0	26.1
2438.608	66.2	33.7	0.0	30.1	2.6	20.0	H		0.0	85.2	74.0	11.2
2452.379	43.1	33.7	0.0	30.1	2.6	20.0	V		0.0	62.1	74.0	-11.9
2423.818	42.8	33.7	0.0	30.0	2.6	20.0	V		0.0	61.7	74.0	-12.3
3995.729	29.0	33.3	0.0	34.2	3.9	20.0	V		0.0	53.8	74.0	-20.2
3976.349	28.8	33.3	0.0	34.1	3.9	20.0	H		0.0	53.5	74.0	-20.5
3431.978	28.9	33.6	0.0	32.6	3.5	20.0	H		0.0	51.3	74.0	-22.7
3457.479	28.6	33.6	0.0	32.7	3.5	20.0	V		0.0	51.1	74.0	-22.9
2626.992	30.2	33.8	0.0	30.5	2.8	20.0	V		0.0	49.7	74.0	-24.3
2062.731	31.0	33.5	0.0	29.2	2.5	20.0	H		0.0	49.2	74.0	-24.8

**EMC RADIATED EMISSIONS DATA SHEET**

REV df1.90 04/23/2002

<b>EUT:</b> EASYLAN installed in Printer		<b>Work Order:</b> INMC0015
<b>Serial Number:</b>		<b>Date:</b> 4/24/02 17:29
<b>Customer:</b> Intermec Corporation		<b>Temperature:</b> 72
<b>Attendees:</b> None	<b>Tested by:</b> Greg Kiemel	<b>Humidity:</b> 33%
<b>Cust. Ref. No.:</b>	<b>Power:</b> 120VAC/60Hz	<b>Job Site:</b> EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT installed in 3400E400 (S/N E7/199) printer with 063363 omni antenna, Channel 11, FFFF data.

**EUT OPERATING MODES**

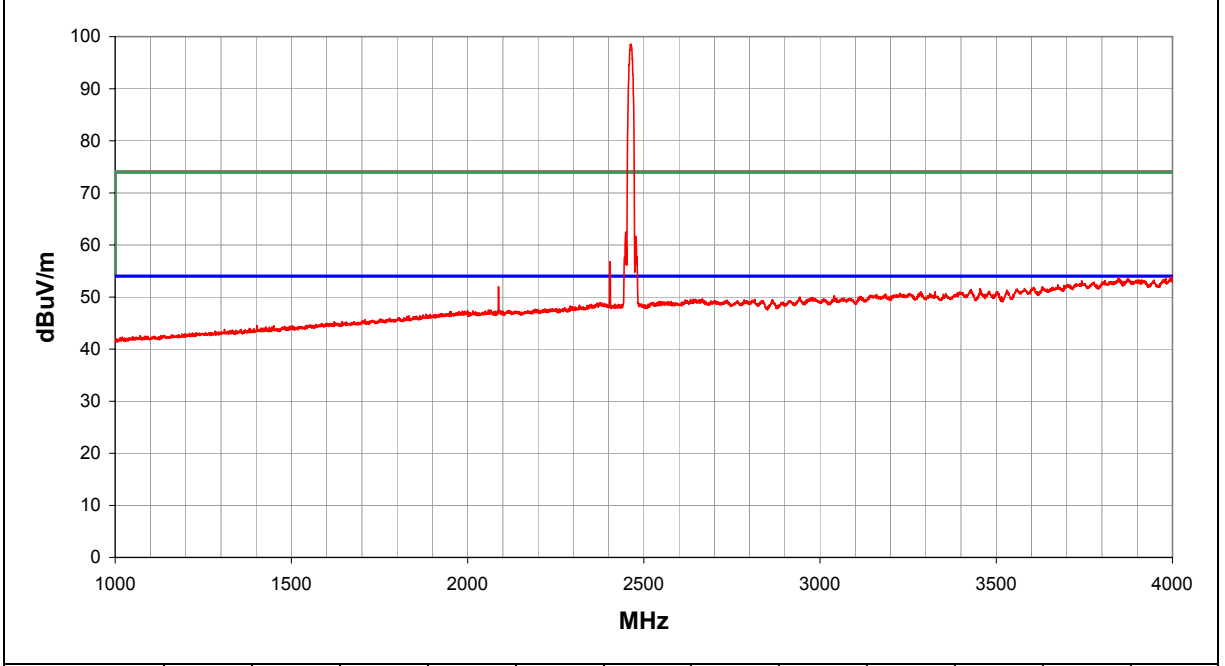
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	3	51

**Other**

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
2464.109	79.5	33.7	0.0	30.1	2.6	20.0	V		0.0	98.5	74.0	24.5
2463.599	66.6	33.7	0.0	30.1	2.6	20.0	H		0.0	85.6	74.0	11.6
2448.809	43.5	33.7	0.0	30.1	2.6	20.0	V		0.0	62.5	74.0	-11.5
2477.369	42.6	33.7	0.0	30.2	2.6	20.0	V		0.0	61.7	74.0	-12.3
2403.928	37.9	33.7	0.0	30.0	2.6	20.0	V		0.0	56.8	74.0	-17.2
3995.219	29.1	33.3	0.0	34.2	3.9	20.0	V		0.0	53.9	74.0	-20.1
3847.317	29.6	33.4	0.0	33.8	3.8	20.0	V		0.0	53.8	74.0	-20.2
3993.179	28.8	33.3	0.0	34.2	3.9	20.0	H		0.0	53.6	74.0	-20.4
2087.722	33.7	33.5	0.0	29.3	2.5	20.0	H		0.0	52.0	74.0	-22.0
3453.909	29.1	33.6	0.0	32.7	3.5	20.0	V		0.0	51.6	74.0	-22.4
3428.408	29.0	33.6	0.0	32.6	3.5	20.0	H		0.0	51.4	74.0	-22.6
3426.878	28.9	33.6	0.0	32.6	3.5	20.0	V		0.0	51.3	74.0	-22.7
2449.319	31.8	33.7	0.0	30.1	2.6	20.0	H		0.0	50.8	74.0	-23.2
2477.369	31.6	33.7	0.0	30.2	2.6	20.0	H		0.0	50.7	74.0	-23.3
2814.676	29.4	33.8	0.0	30.9	3.1	20.0	H		0.0	49.6	74.0	-24.4

NORTHWEST  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df1.90 04/23/2002

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/24/02 17:57
Customer:	Intermec Corporation	Temperature: 72
Attendees:	None	Humidity: 33%
Cust. Ref. No.:	Tested by: Greg Kiemel	Job Site: EV01
	Power: 120VAC/60Hz	

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT installed in 3400E400 (S/N E7/199) printer with 063363 omni antenna, Channel 11, FFFF data.

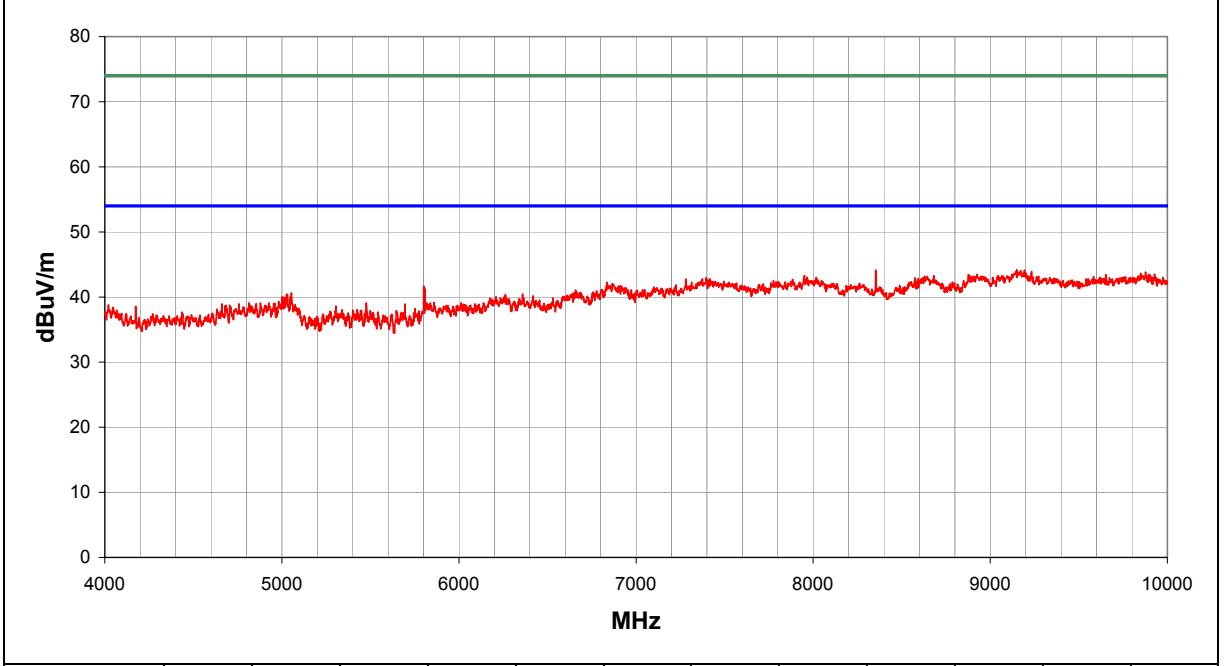
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	52

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
9149.199	30.5	32.5	0.0	39.7	6.5	0.0	H		0.0	44.2	74.0	-29.8
9192.982	30.6	32.5	0.0	39.5	6.5	0.0	V		0.0	44.1	74.0	-29.9
8352.750	32.5	32.4	0.0	37.8	6.2	0.0	H		0.0	44.1	74.0	-29.9
9876.906	31.1	32.6	0.0	38.6	6.8	0.0	V		0.0	43.8	74.0	-30.2
9849.730	30.9	32.6	0.0	38.6	6.7	0.0	H		0.0	43.6	74.0	-30.4
8925.754	29.7	32.4	0.0	39.8	6.4	0.0	H		0.0	43.5	74.0	-30.5
7951.152	31.9	32.4	0.0	37.7	6.1	0.0	V		0.0	43.3	74.0	-30.7
8681.172	30.7	32.4	0.0	38.7	6.3	0.0	V		0.0	43.3	74.0	-30.7
8629.840	30.9	32.4	0.0	38.4	6.3	0.0	H		0.0	43.2	74.0	-30.8
7966.250	31.6	32.3	0.0	37.7	6.1	0.0	H		0.0	43.0	74.0	-31.0
7395.559	32.6	33.1	0.0	37.5	5.9	0.0	H		0.0	42.9	74.0	-31.1
7280.816	32.7	33.2	0.0	37.4	5.9	0.0	V		0.0	42.8	74.0	-31.2
6835.727	33.5	33.8	0.0	36.8	5.7	0.0	V		0.0	42.3	74.0	-31.7
6835.727	33.4	33.8	0.0	36.8	5.7	0.0	H		0.0	42.2	74.0	-31.8
8262.164	30.4	32.3	0.0	37.8	6.2	0.0	H		0.0	42.0	74.0	-32.0
5800.338	34.6	34.5	0.0	36.3	5.2	0.0	V		0.0	41.7	74.0	-32.3
5802.768	34.4	34.5	0.0	36.3	5.2	0.0	H		0.0	41.5	74.0	-32.5
5801.958	34.4	34.5	0.0	36.3	5.2	0.0	H		0.0	41.5	74.0	-32.5
5806.008	34.3	34.5	0.0	36.3	5.2	0.0	V		0.0	41.4	74.0	-32.6
5804.388	34.1	34.5	0.0	36.3	5.2	0.0	H		0.0	41.2	74.0	-32.8
6659.072	33.0	34.0	0.0	36.4	5.7	0.0	H		0.0	41.1	74.0	-32.9

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/24/02 18:07
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT installed in 3400E400 (S/N E7/199) printer with 063363 omni antenna, Channel 6, FFFF data.

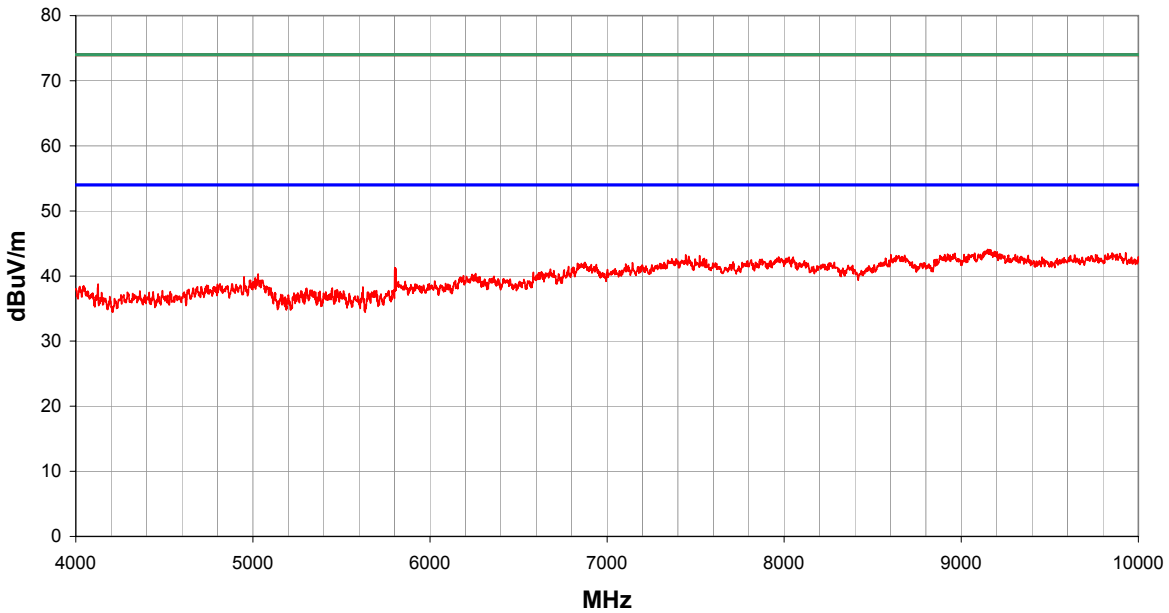
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	53

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
9149.199	30.4	32.5	0.0	39.7	6.5	0.0	V		0.0	44.1	74.0	-29.9
9147.689	30.2	32.5	0.0	39.7	6.5	0.0	H		0.0	43.9	74.0	-30.1
9928.238	30.8	32.6	0.0	38.6	6.8	0.0	V		0.0	43.6	74.0	-30.4
9895.023	30.7	32.6	0.0	38.6	6.8	0.0	H		0.0	43.5	74.0	-30.5
8602.664	31.1	32.4	0.0	38.3	6.3	0.0	H		0.0	43.3	74.0	-30.7
7443.871	32.8	33.0	0.0	37.6	5.9	0.0	V		0.0	43.3	74.0	-30.7
8681.172	30.6	32.4	0.0	38.7	6.3	0.0	V		0.0	43.2	74.0	-30.8
7522.379	32.5	32.9	0.0	37.6	6.0	0.0	H		0.0	43.1	74.0	-30.9
7969.270	31.5	32.3	0.0	37.7	6.1	0.0	H		0.0	42.9	74.0	-31.1
8028.150	31.4	32.3	0.0	37.7	6.1	0.0	V		0.0	42.9	74.0	-31.1
7546.535	31.9	32.9	0.0	37.6	6.0	0.0	V		0.0	42.6	74.0	-31.4
6874.445	33.2	33.8	0.0	36.9	5.7	0.0	H		0.0	42.1	74.0	-31.9
7143.428	32.3	33.4	0.0	37.3	5.8	0.0	V		0.0	42.0	74.0	-32.0
6872.025	33.1	33.8	0.0	36.9	5.7	0.0	V		0.0	42.0	74.0	-32.0
5804.388	34.2	34.5	0.0	36.3	5.2	0.0	V		0.0	41.3	74.0	-32.7
5803.578	34.2	34.5	0.0	36.3	5.2	0.0	V		0.0	41.3	74.0	-32.7
5802.768	34.2	34.5	0.0	36.3	5.2	0.0	H		0.0	41.3	74.0	-32.7
5801.958	34.2	34.5	0.0	36.3	5.2	0.0	H		0.0	41.3	74.0	-32.7
5806.008	34.1	34.5	0.0	36.3	5.2	0.0	H		0.0	41.2	74.0	-32.8
5806.008	34.0	34.5	0.0	36.3	5.2	0.0	V		0.0	41.1	74.0	-32.9
6680.852	32.9	34.0	0.0	36.5	5.7	0.0	V		0.0	41.1	74.0	-32.9

NORTHWEST **EMC** **RADIATED EMISSIONS DATA SHEET** REV df1.90 04/23/2002

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/24/02 18:18
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT installed in 3400E400 (S/N E7/199) printer with 067262 patch antenna, Channel 6, FFFF data.

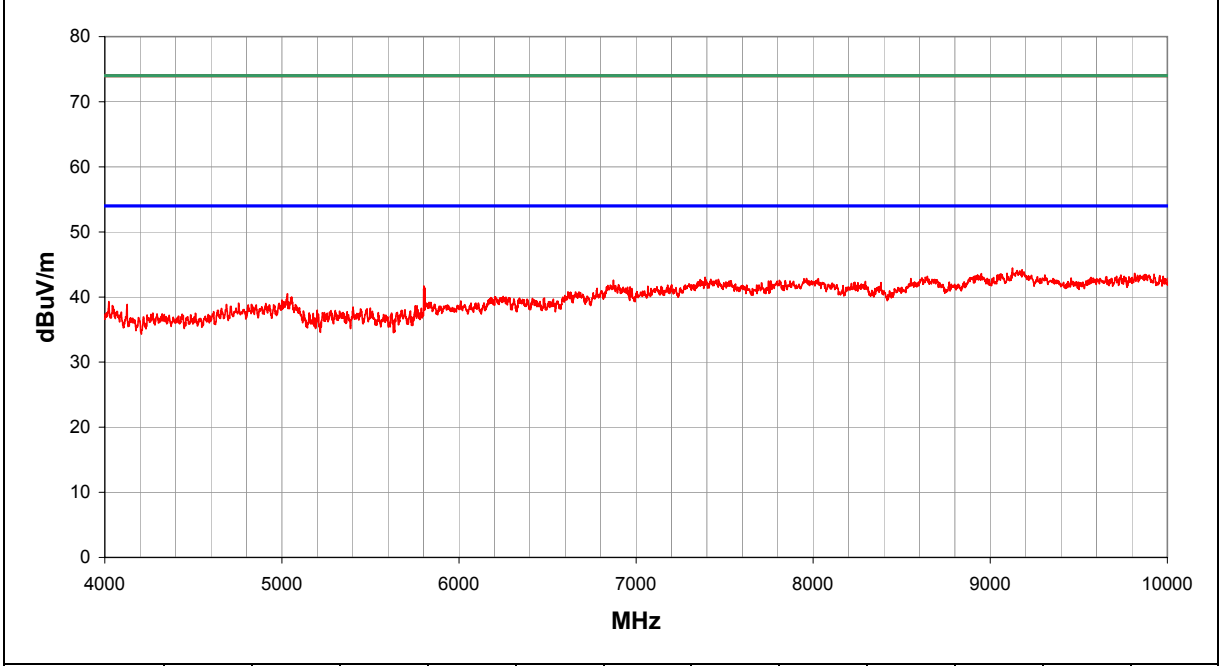
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	54

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
9125.043	30.7	32.5	0.0	39.8	6.5	0.0	H		0.0	44.5	74.0	-29.5
9152.219	30.4	32.5	0.0	39.7	6.5	0.0	V		0.0	44.1	74.0	-29.9
9816.516	30.9	32.6	0.0	38.6	6.7	0.0	V		0.0	43.6	74.0	-30.4
8949.910	29.7	32.4	0.0	40.0	6.4	0.0	V		0.0	43.6	74.0	-30.4
9925.219	30.7	32.6	0.0	38.6	6.8	0.0	H		0.0	43.5	74.0	-30.5
8644.938	30.8	32.4	0.0	38.5	6.3	0.0	V		0.0	43.2	74.0	-30.8
7389.520	32.7	33.1	0.0	37.5	5.9	0.0	V		0.0	43.0	74.0	-31.0
7963.230	31.4	32.3	0.0	37.7	6.1	0.0	V		0.0	42.8	74.0	-31.2
8551.332	30.9	32.4	0.0	38.0	6.3	0.0	H		0.0	42.8	74.0	-31.2
8029.660	31.3	32.3	0.0	37.7	6.1	0.0	H		0.0	42.8	74.0	-31.2
7465.008	32.2	33.0	0.0	37.6	5.9	0.0	H		0.0	42.7	74.0	-31.3
6872.025	33.7	33.8	0.0	36.9	5.7	0.0	H		0.0	42.6	74.0	-31.4
8295.379	30.8	32.3	0.0	37.8	6.2	0.0	H		0.0	42.4	74.0	-31.6
8382.945	30.6	32.4	0.0	37.8	6.2	0.0	V		0.0	42.2	74.0	-31.8
7709.590	31.2	32.7	0.0	37.6	6.0	0.0	H		0.0	42.2	74.0	-31.8
8216.871	30.4	32.3	0.0	37.7	6.2	0.0	V		0.0	42.0	74.0	-32.0
6901.064	32.9	33.7	0.0	37.0	5.8	0.0	V		0.0	41.9	74.0	-32.1
7200.799	32.0	33.3	0.0	37.4	5.9	0.0	V		0.0	41.9	74.0	-32.1
5802.768	34.6	34.5	0.0	36.3	5.2	0.0	V		0.0	41.7	74.0	-32.3
5801.958	34.6	34.5	0.0	36.3	5.2	0.0	V		0.0	41.7	74.0	-32.3
6966.402	32.3	33.6	0.0	37.1	5.8	0.0	H		0.0	41.6	74.0	-32.4



EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/24/02 18:28
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT installed in 3400E400 (S/N E7/199) printer with 067262 patch antenna, Channel 11, FFFF data.

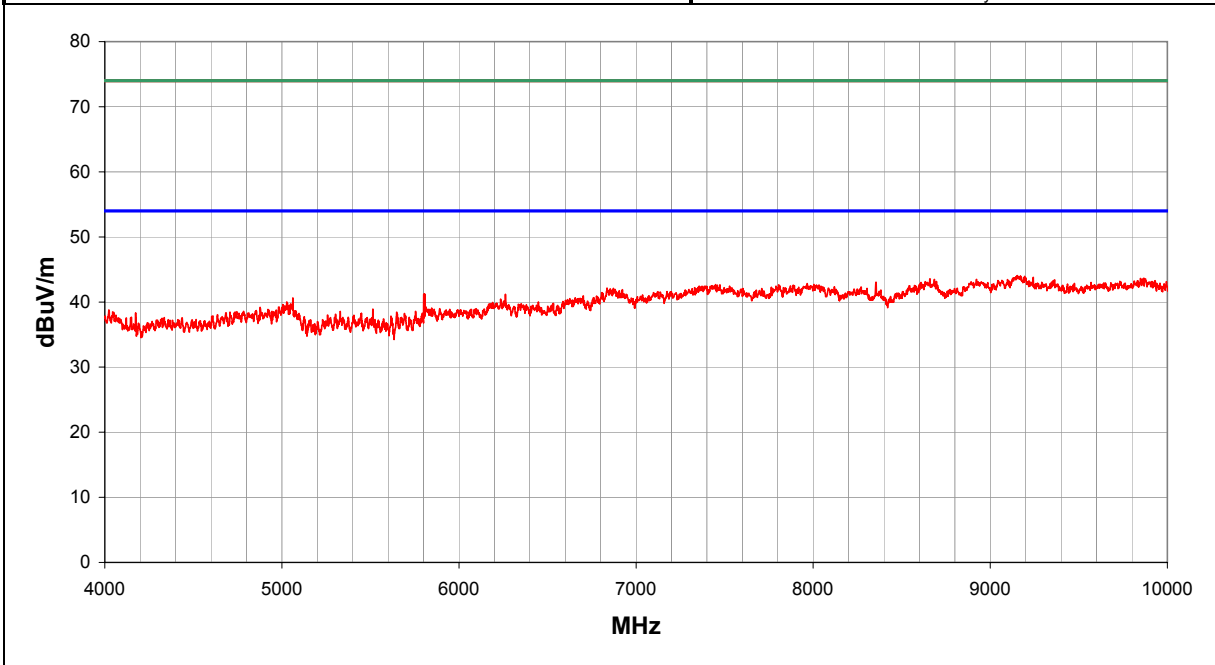
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	55

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
9153.729	30.4	32.5	0.0	39.7	6.5	0.0	V		0.0	44.1	74.0	-29.9
9170.336	30.4	32.5	0.0	39.6	6.5	0.0	H		0.0	44.0	74.0	-30.0
9867.848	30.9	32.6	0.0	38.6	6.7	0.0	V		0.0	43.6	74.0	-30.4
8660.035	31.1	32.4	0.0	38.6	6.3	0.0	H		0.0	43.6	74.0	-30.4
9876.906	30.8	32.6	0.0	38.6	6.8	0.0	H		0.0	43.5	74.0	-30.5
8684.191	30.9	32.4	0.0	38.7	6.3	0.0	V		0.0	43.5	74.0	-30.5
8922.734	29.7	32.4	0.0	39.8	6.4	0.0	V		0.0	43.5	74.0	-30.5
8355.770	31.4	32.4	0.0	37.8	6.2	0.0	H		0.0	43.0	74.0	-31.0
7966.250	31.4	32.3	0.0	37.7	6.1	0.0	H		0.0	42.8	74.0	-31.2
7449.910	32.2	33.0	0.0	37.6	5.9	0.0	V		0.0	42.7	74.0	-31.3
7474.066	32.1	33.0	0.0	37.6	5.9	0.0	H		0.0	42.6	74.0	-31.4
7887.742	31.3	32.4	0.0	37.7	6.1	0.0	V		0.0	42.6	74.0	-31.4
8271.223	30.7	32.3	0.0	37.8	6.2	0.0	V		0.0	42.3	74.0	-31.7
6835.727	33.4	33.8	0.0	36.8	5.7	0.0	H		0.0	42.2	74.0	-31.8
8304.438	30.5	32.3	0.0	37.8	6.2	0.0	H		0.0	42.1	74.0	-31.9
6881.705	33.0	33.8	0.0	36.9	5.8	0.0	V		0.0	41.9	74.0	-32.1
5806.008	34.2	34.5	0.0	36.3	5.2	0.0	V		0.0	41.3	74.0	-32.7
6262.205	33.9	34.6	0.0	36.3	5.5	0.0	H		0.0	41.2	74.0	-32.8
5801.958	34.1	34.5	0.0	36.3	5.2	0.0	V		0.0	41.2	74.0	-32.8
5801.148	34.1	34.5	0.0	36.3	5.2	0.0	V		0.0	41.2	74.0	-32.8
5808.438	34.0	34.5	0.0	36.3	5.2	0.0	H		0.0	41.1	74.0	-32.9

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 7:30
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator


**COMMENTS**  
 EUT installed in 4440 (S/N 20109900103) printer with 067262 patch antenna, Channel 11, FFFF data.

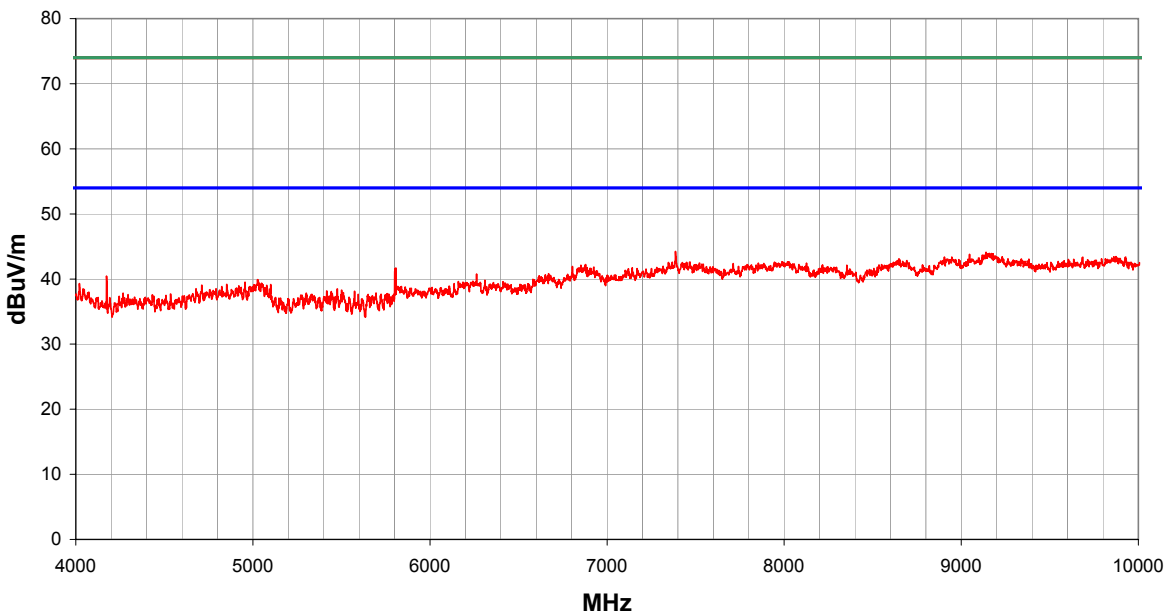
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	56

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
7386.500	33.9	33.1	0.0	37.5	5.9	0.0	H		0.0	44.2	74.0	-29.8
9140.141	30.4	32.5	0.0	39.7	6.5	0.0	H		0.0	44.1	74.0	-29.9
9158.258	30.3	32.5	0.0	39.7	6.5	0.0	V		0.0	44.0	74.0	-30.0
9046.535	29.8	32.5	0.0	40.0	6.4	0.0	H		0.0	43.8	74.0	-30.2
9873.887	30.7	32.6	0.0	38.6	6.7	0.0	V		0.0	43.4	74.0	-30.6
8946.891	29.5	32.4	0.0	39.9	6.4	0.0	H		0.0	43.4	74.0	-30.6
9928.238	30.6	32.6	0.0	38.6	6.8	0.0	H		0.0	43.4	74.0	-30.6
7389.520	33.0	33.1	0.0	37.5	5.9	0.0	V		0.0	43.3	74.0	-30.7
8647.957	30.7	32.4	0.0	38.5	6.3	0.0	H		0.0	43.1	74.0	-30.9
8650.977	30.5	32.4	0.0	38.5	6.3	0.0	V		0.0	42.9	74.0	-31.1
7987.387	31.2	32.3	0.0	37.7	6.1	0.0	V		0.0	42.7	74.0	-31.3
8029.660	31.1	32.3	0.0	37.7	6.1	0.0	H		0.0	42.6	74.0	-31.4
7712.609	31.4	32.7	0.0	37.6	6.0	0.0	V		0.0	42.4	74.0	-31.6
6879.285	33.3	33.8	0.0	36.9	5.8	0.0	H		0.0	42.2	74.0	-31.8
8216.871	30.6	32.3	0.0	37.7	6.2	0.0	H		0.0	42.2	74.0	-31.8
6879.285	33.2	33.8	0.0	36.9	5.8	0.0	V		0.0	42.1	74.0	-31.9
8354.260	30.5	32.4	0.0	37.8	6.2	0.0	H		0.0	42.1	74.0	-31.9
6804.268	33.3	33.9	0.0	36.8	5.7	0.0	V		0.0	41.9	74.0	-32.1
5807.628	34.6	34.5	0.0	36.3	5.2	0.0	V		0.0	41.7	74.0	-32.3
5806.818	34.6	34.5	0.0	36.3	5.2	0.0	V		0.0	41.7	74.0	-32.3
7120.781	31.9	33.4	0.0	37.3	5.8	0.0	H		0.0	41.6	74.0	-32.4

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 7:44
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT installed in 4440 (S/N 20109900103) printer with 067262 patch antenna, Channel 11, FFFF data.

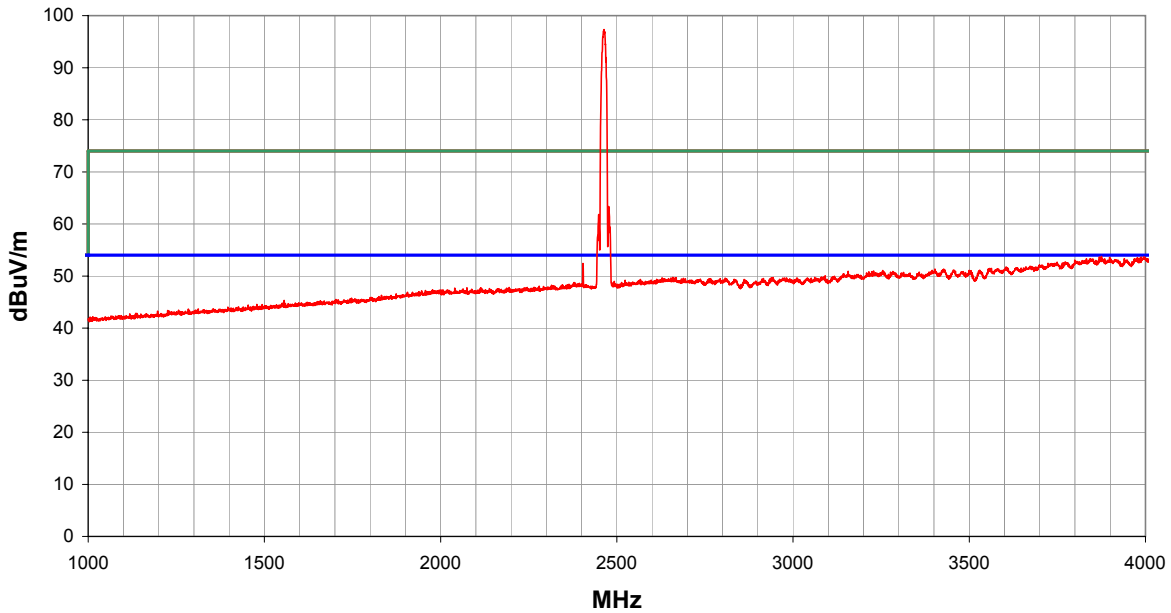
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	57

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
2463.599	78.3	33.7	0.0	30.1	2.6	20.0	V		0.0	97.3	74.0	23.3
2463.599	71.1	33.7	0.0	30.1	2.6	20.0	H		0.0	90.1	74.0	16.1
2476.859	44.3	33.7	0.0	30.1	2.6	20.0	V		0.0	63.4	74.0	-10.6
2448.809	42.8	33.7	0.0	30.1	2.6	20.0	V		0.0	61.8	74.0	-12.2
2476.859	37.3	33.7	0.0	30.1	2.6	20.0	H		0.0	56.4	74.0	-17.6
2448.299	36.7	33.7	0.0	30.1	2.6	20.0	H		0.0	55.7	74.0	-18.3
3875.367	29.5	33.4	0.0	33.9	3.8	20.0	V		0.0	53.8	74.0	-20.2
3869.247	29.4	33.4	0.0	33.8	3.8	20.0	H		0.0	53.7	74.0	-20.3
2403.928	33.5	33.7	0.0	30.0	2.6	20.0	V		0.0	52.4	74.0	-21.6
3402.398	29.0	33.7	0.0	32.5	3.5	20.0	H		0.0	51.3	74.0	-22.7
3425.348	28.8	33.6	0.0	32.6	3.5	20.0	V		0.0	51.2	74.0	-22.8
2659.123	30.1	33.8	0.0	30.6	2.9	20.0	H		0.0	49.7	74.0	-24.3
2668.303	30.0	33.8	0.0	30.6	2.9	20.0	V		0.0	49.7	74.0	-24.3

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 7:55
Customer: Intermecc Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

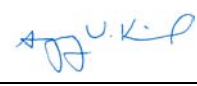
**COMMENTS**  
 EUT installed in 4440 (S/N 20109900103) printer with 063363 omni antenna, Channel 11, FFFF data.

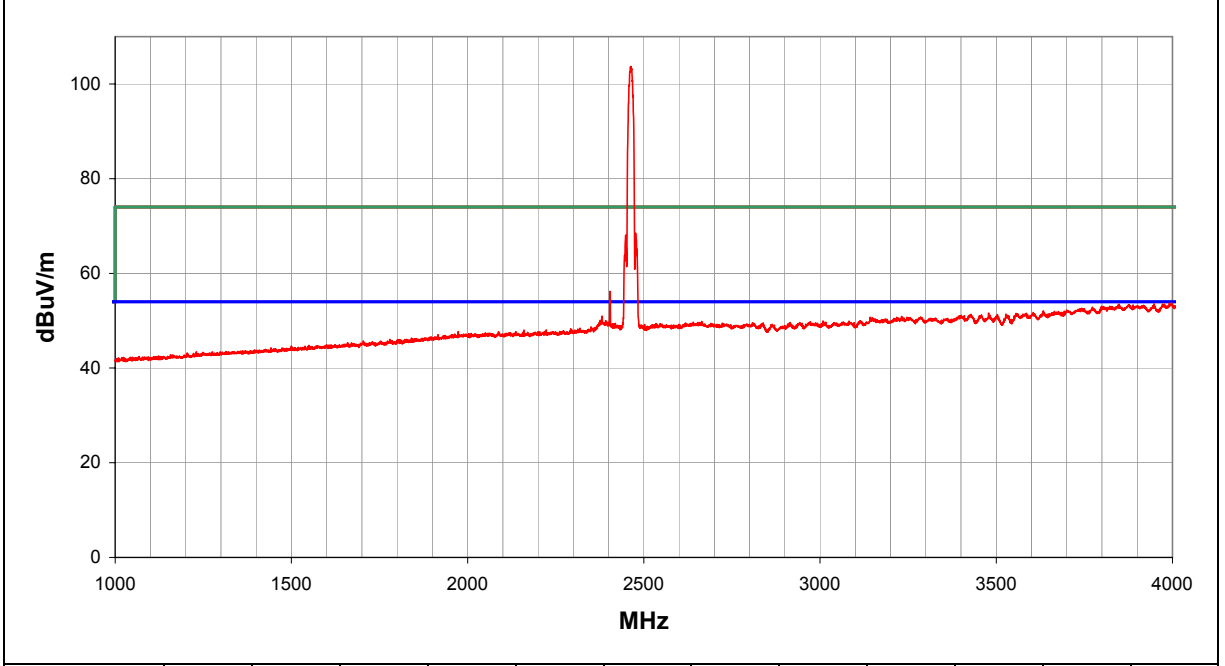
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	58

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
2463.599	84.7	33.7	0.0	30.1	2.6	20.0	V		0.0	103.7	74.0	29.7
2463.599	66.2	33.7	0.0	30.1	2.6	20.0	H		0.0	85.2	74.0	11.2
2476.859	49.4	33.7	0.0	30.1	2.6	20.0	V		0.0	68.5	74.0	-5.5
2448.809	49.1	33.7	0.0	30.1	2.6	20.0	V		0.0	68.1	74.0	-5.9
2403.928	37.3	33.7	0.0	30.0	2.6	20.0	V		0.0	56.2	74.0	-17.8
3997.260	29.0	33.3	0.0	34.2	3.9	20.0	H		0.0	53.8	74.0	-20.2
3991.139	28.9	33.3	0.0	34.2	3.9	20.0	V		0.0	53.7	74.0	-20.3
2476.859	33.3	33.7	0.0	30.1	2.6	20.0	H		0.0	52.4	74.0	-21.6
2448.299	32.9	33.7	0.0	30.1	2.6	20.0	H		0.0	51.9	74.0	-22.1
3478.389	29.0	33.6	0.0	32.7	3.5	20.0	V		0.0	51.6	74.0	-22.4
3527.541	28.6	33.6	0.0	32.9	3.5	20.0	V		0.0	51.4	74.0	-22.6
3428.408	28.8	33.6	0.0	32.6	3.5	20.0	H		0.0	51.2	74.0	-22.8
2381.997	32.1	33.7	0.0	29.9	2.6	20.0	V		0.0	51.0	74.0	-23.0
2640.253	30.1	33.8	0.0	30.5	2.8	20.0	H		0.0	49.7	74.0	-24.3

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 13:29
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT installed in 4440 (S/N 20109900103) printer with 063363 omni antenna, Channel 11, FFFF data.

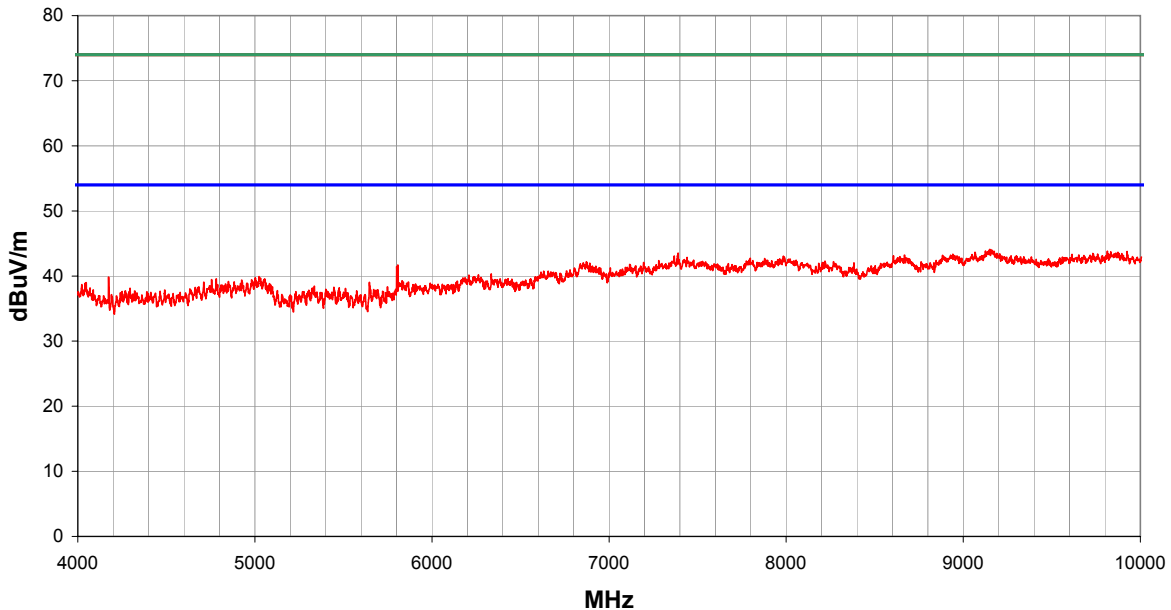
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	59

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
9149.199	30.4	32.5	0.0	39.7	6.5	0.0	H		0.0	44.1	74.0	-29.9
9158.258	30.2	32.5	0.0	39.7	6.5	0.0	V		0.0	43.9	74.0	-30.1
9813.496	31.1	32.6	0.0	38.6	6.7	0.0	H		0.0	43.8	74.0	-30.2
9925.219	30.9	32.6	0.0	38.6	6.8	0.0	V		0.0	43.7	74.0	-30.3
7389.520	33.2	33.1	0.0	37.5	5.9	0.0	H		0.0	43.5	74.0	-30.5
8669.094	30.7	32.4	0.0	38.6	6.3	0.0	H		0.0	43.2	74.0	-30.8
8605.684	30.9	32.4	0.0	38.3	6.3	0.0	V		0.0	43.1	74.0	-30.9
7984.367	31.6	32.3	0.0	37.7	6.1	0.0	H		0.0	43.1	74.0	-30.9
7440.852	32.4	33.0	0.0	37.6	5.9	0.0	V		0.0	42.9	74.0	-31.1
7963.230	31.2	32.3	0.0	37.7	6.1	0.0	V		0.0	42.6	74.0	-31.4
8219.891	30.7	32.3	0.0	37.7	6.2	0.0	H		0.0	42.3	74.0	-31.7
6872.025	33.3	33.8	0.0	36.9	5.7	0.0	H		0.0	42.2	74.0	-31.8
6855.086	33.2	33.8	0.0	36.9	5.7	0.0	V		0.0	42.0	74.0	-32.0
8382.945	30.4	32.4	0.0	37.8	6.2	0.0	V		0.0	42.0	74.0	-32.0
8222.910	30.4	32.3	0.0	37.7	6.2	0.0	V		0.0	42.0	74.0	-32.0
7117.762	32.1	33.4	0.0	37.3	5.8	0.0	H		0.0	41.8	74.0	-32.2
5807.628	34.6	34.5	0.0	36.3	5.2	0.0	V		0.0	41.7	74.0	-32.3
5806.818	34.6	34.5	0.0	36.3	5.2	0.0	V		0.0	41.7	74.0	-32.3
5800.338	34.4	34.5	0.0	36.3	5.2	0.0	V		0.0	41.5	74.0	-32.5
5802.768	34.3	34.5	0.0	36.3	5.2	0.0	V		0.0	41.4	74.0	-32.6
5801.958	34.3	34.5	0.0	36.3	5.2	0.0	V		0.0	41.4	74.0	-32.6

NORTHWEST **EMC** **RADIATED EMISSIONS DATA SHEET** REV df1.90 04/23/2002

EUT: EASLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 13:48
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT installed in 4440 (S/N 20109900103) printer with 063363 omni antenna, Channel 11, FFFF data.

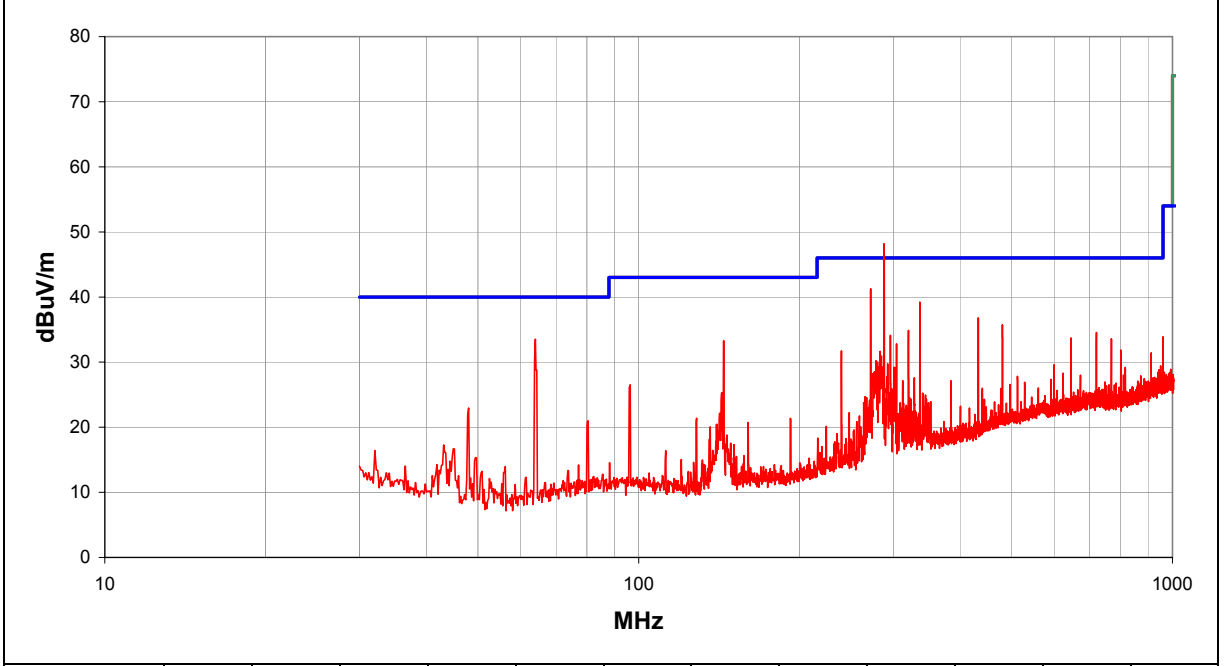
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	60

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
288.049	63.0	29.1	0.0	13.4	0.9	0.0	H		0.0	48.2	46.0	2.2
272.139	56.8	29.1	0.0	12.7	0.9	0.0	H		0.0	41.3	46.0	-4.7
64.030	54.9	29.5	0.0	7.6	0.5	0.0	V		0.0	33.5	40.0	-6.5
336.423	52.4	29.1	0.0	14.9	1.0	0.0	H		0.0	39.2	46.0	-6.8
64.030	54.5	29.5	0.0	7.6	0.5	0.0	H		0.0	33.1	40.0	-6.9
288.264	52.2	29.1	0.0	13.4	0.9	0.0	V		0.0	37.4	46.0	-8.6
432.957	48.1	29.1	0.0	16.7	1.1	0.0	H		0.0	36.8	46.0	-9.2
336.423	49.6	29.1	0.0	14.9	1.0	0.0	V		0.0	36.4	46.0	-9.6
144.391	52.7	29.2	0.0	9.1	0.7	0.0	H		0.0	33.3	43.0	-9.7
480.162	46.0	29.1	0.0	17.6	1.2	0.0	H		0.0	35.7	46.0	-10.3
320.299	48.5	29.1	0.0	14.5	0.9	0.0	H		0.0	34.9	46.0	-11.1
720.385	41.4	30.0	0.0	21.6	1.5	0.0	H		0.0	34.6	46.0	-11.4
296.219	48.5	29.1	0.0	13.8	0.9	0.0	H		0.0	34.1	46.0	-11.9
645.693	41.2	29.7	0.0	20.7	1.4	0.0	H		0.0	33.7	46.0	-12.3
768.080	40.5	30.2	0.0	21.7	1.6	0.0	H		0.0	33.6	46.0	-12.4
304.174	46.9	29.1	0.0	14.1	0.9	0.0	H		0.0	32.8	46.0	-13.2
432.957	43.5	29.1	0.0	16.7	1.1	0.0	V		0.0	32.2	46.0	-13.8
800.476	38.5	30.3	0.0	22.0	1.6	0.0	H		0.0	31.8	46.0	-14.2
800.251	38.5	30.3	0.0	22.0	1.6	0.0	H		0.0	31.8	46.0	-14.2
239.890	48.1	29.2	0.0	12.0	0.8	0.0	H		0.0	31.7	46.0	-14.3
480.162	42.0	29.1	0.0	17.6	1.2	0.0	V		0.0	31.7	46.0	-14.3

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 14:06
Customer:	Intermec Corporation	Temperature: 72
Attendees:	None	Humidity: 33%
Cust. Ref. No.:		Job Site: EV01
	Tested by: Greg Kiemel	
	Power: 120VAC/60Hz	

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT installed in 4440 (S/N 20109900103) printer with 067262 patch antenna, Channel 11, FFFF data.


**EUT OPERATING MODES**

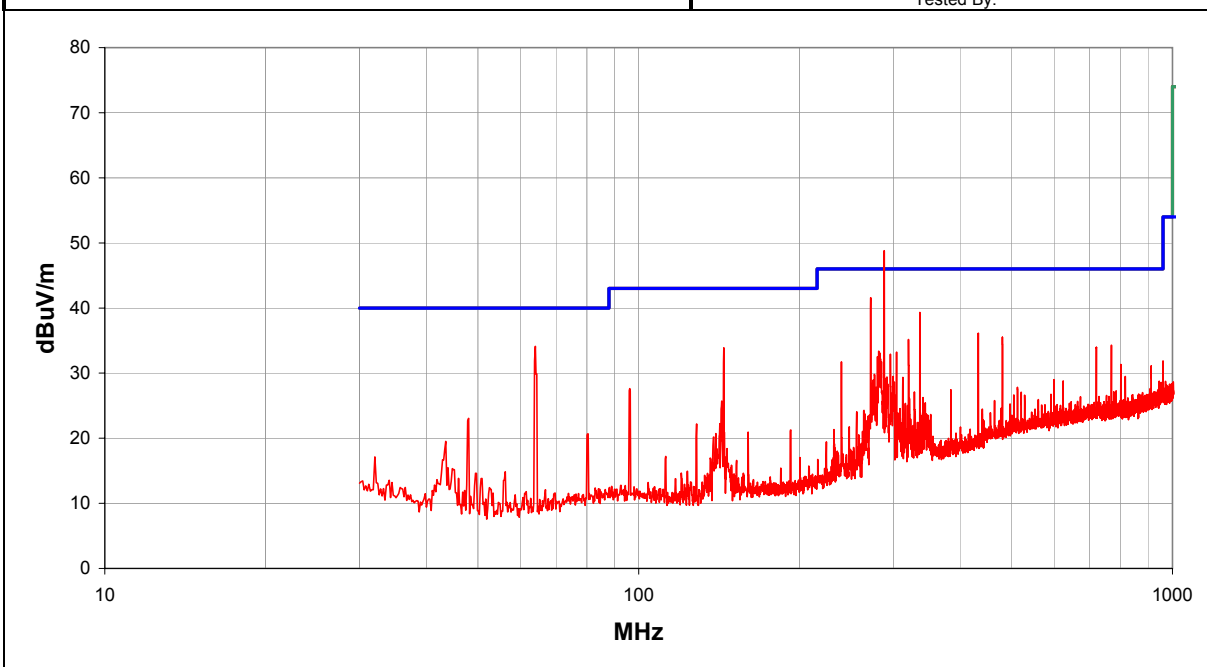
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	61

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
288.264	63.6	29.1	0.0	13.4	0.9	0.0	H		0.0	48.8	46.0	2.8
272.139	57.1	29.1	0.0	12.7	0.9	0.0	H		0.0	41.6	46.0	-4.4
64.030	55.5	29.5	0.0	7.6	0.5	0.0	V		0.0	34.1	40.0	-5.9
336.423	52.5	29.1	0.0	14.9	1.0	0.0	H		0.0	39.3	46.0	-6.7
64.030	53.3	29.5	0.0	7.6	0.5	0.0	H		0.0	31.9	40.0	-8.1
336.423	50.4	29.1	0.0	14.9	1.0	0.0	V		0.0	37.2	46.0	-8.8
144.391	53.3	29.2	0.0	9.1	0.7	0.0	H		0.0	33.9	43.0	-9.1
288.264	51.0	29.1	0.0	13.4	0.9	0.0	V		0.0	36.2	46.0	-9.8
432.957	47.4	29.1	0.0	16.7	1.1	0.0	H		0.0	36.1	46.0	-9.9
480.162	45.8	29.1	0.0	17.6	1.2	0.0	H		0.0	35.5	46.0	-10.5
320.299	48.8	29.1	0.0	14.5	0.9	0.0	H		0.0	35.2	46.0	-10.8
768.530	41.2	30.2	0.0	21.7	1.6	0.0	H		0.0	34.3	46.0	-11.7
719.935	40.8	30.0	0.0	21.6	1.5	0.0	H		0.0	34.0	46.0	-12.0
281.599	48.5	29.1	0.0	13.1	0.9	0.0	H		0.0	33.4	46.0	-12.6
304.389	47.3	29.1	0.0	14.1	0.9	0.0	H		0.0	33.2	46.0	-12.8
283.319	48.1	29.1	0.0	13.2	0.9	0.0	H		0.0	33.1	46.0	-12.9
296.219	47.3	29.1	0.0	13.8	0.9	0.0	H		0.0	32.9	46.0	-13.1
432.957	43.9	29.1	0.0	16.7	1.1	0.0	V		0.0	32.6	46.0	-13.4
280.309	47.7	29.1	0.0	13.1	0.9	0.0	H		0.0	32.5	46.0	-13.5
480.162	42.5	29.1	0.0	17.6	1.2	0.0	V		0.0	32.2	46.0	-13.8
283.749	47.2	29.1	0.0	13.2	0.9	0.0	H		0.0	32.2	46.0	-13.8

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 14:36
Customer: Intermecc Corporation		Temperature: 72
Attendees: None	Tested by: Greg Kiemel	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator


**COMMENTS**  
 EUT installed in 4440 (S/N 20109900103) printer with 067262 patch antenna, EUT not transmitting. Baseline of digital noise from host printer.

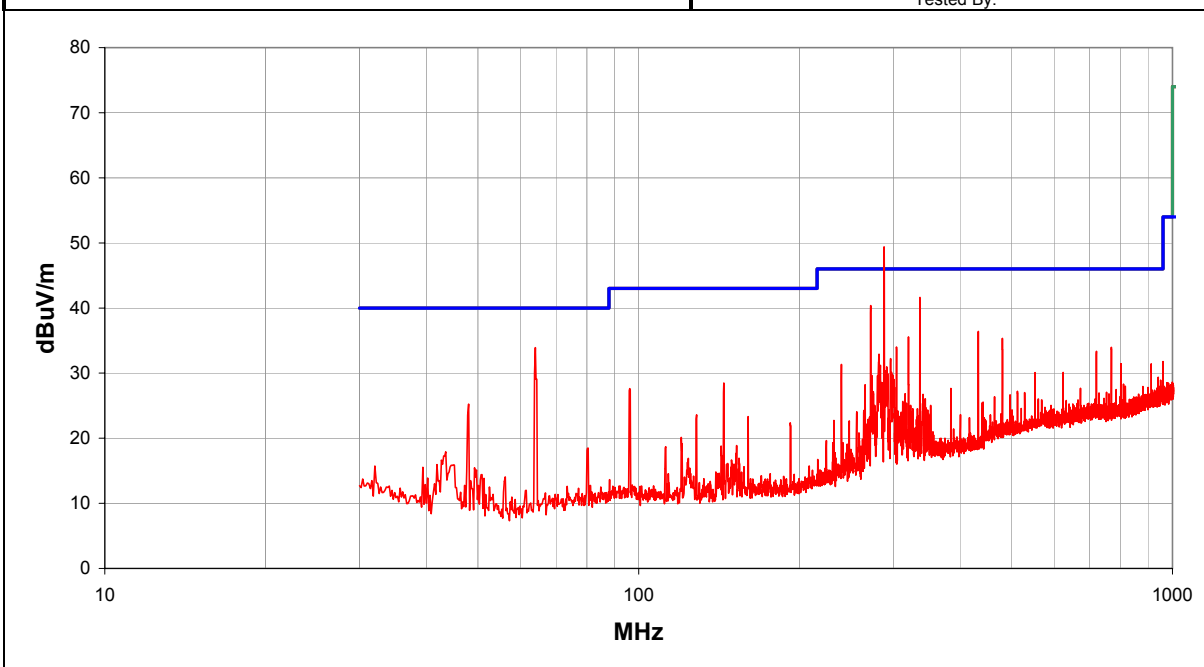
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	3	62

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
288.264	64.2	29.1	0.0	13.4	0.9	0.0	H		0.0	49.4	46.0	3.4
336.638	54.8	29.1	0.0	15.0	1.0	0.0	H		0.0	41.6	46.0	-4.4
272.139	55.9	29.1	0.0	12.7	0.9	0.0	H		0.0	40.4	46.0	-5.6
64.030	55.3	29.5	0.0	7.6	0.5	0.0	V		0.0	33.9	40.0	-6.1
336.423	51.0	29.1	0.0	14.9	1.0	0.0	V		0.0	37.8	46.0	-8.2
288.264	52.6	29.1	0.0	13.4	0.9	0.0	V		0.0	37.8	46.0	-8.2
64.030	52.7	29.5	0.0	7.6	0.5	0.0	H		0.0	31.3	40.0	-8.7
432.957	47.7	29.1	0.0	16.7	1.1	0.0	H		0.0	36.4	46.0	-9.6
320.299	49.2	29.1	0.0	14.5	0.9	0.0	H		0.0	35.6	46.0	-10.4
480.162	45.6	29.1	0.0	17.6	1.2	0.0	V		0.0	35.3	46.0	-10.7
480.162	45.1	29.1	0.0	17.6	1.2	0.0	H		0.0	34.8	46.0	-11.2
304.174	48.1	29.1	0.0	14.1	0.9	0.0	H		0.0	34.0	46.0	-12.0
768.080	40.9	30.2	0.0	21.7	1.6	0.0	H		0.0	34.0	46.0	-12.0
720.385	40.2	30.0	0.0	21.6	1.5	0.0	H		0.0	33.4	46.0	-12.6
282.029	48.0	29.1	0.0	13.1	0.9	0.0	H		0.0	32.9	46.0	-13.1
296.649	46.6	29.1	0.0	13.8	0.9	0.0	H		0.0	32.2	46.0	-13.8
432.957	43.4	29.1	0.0	16.7	1.1	0.0	V		0.0	32.1	46.0	-13.9
144.391	47.9	29.2	0.0	9.1	0.7	0.0	H		0.0	28.5	43.0	-14.5
800.476	38.1	30.3	0.0	22.0	1.6	0.0	H		0.0	31.4	46.0	-14.6
912.349	36.4	30.1	0.0	23.4	1.7	0.0	H		0.0	31.4	46.0	-14.6
239.890	47.7	29.2	0.0	12.0	0.8	0.0	H		0.0	31.3	46.0	-14.7



**EMC RADIATED EMISSIONS DATA SHEET**

REV  
df1.87  
03/21/2002

<b>EUT:</b> EASYLAN Installed in Printer		<b>Work Order:</b> INMC0015
<b>Serial Number:</b>		<b>Date:</b> 4/25/02 15:25
<b>Customer:</b> Intermecc Corporation		<b>Temperature:</b> 72
<b>Attendees:</b> None	<b>Tested by:</b> Rod Peloquin	<b>Humidity:</b> 33%
<b>Cust. Ref. No.:</b>	<b>Power:</b> 120VAC/60Hz	<b>Job Site:</b> EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT Installed in 4440 (S/N 2019900103) printer with 063363 omni antenna, Channel 11, FFFF data.

**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**

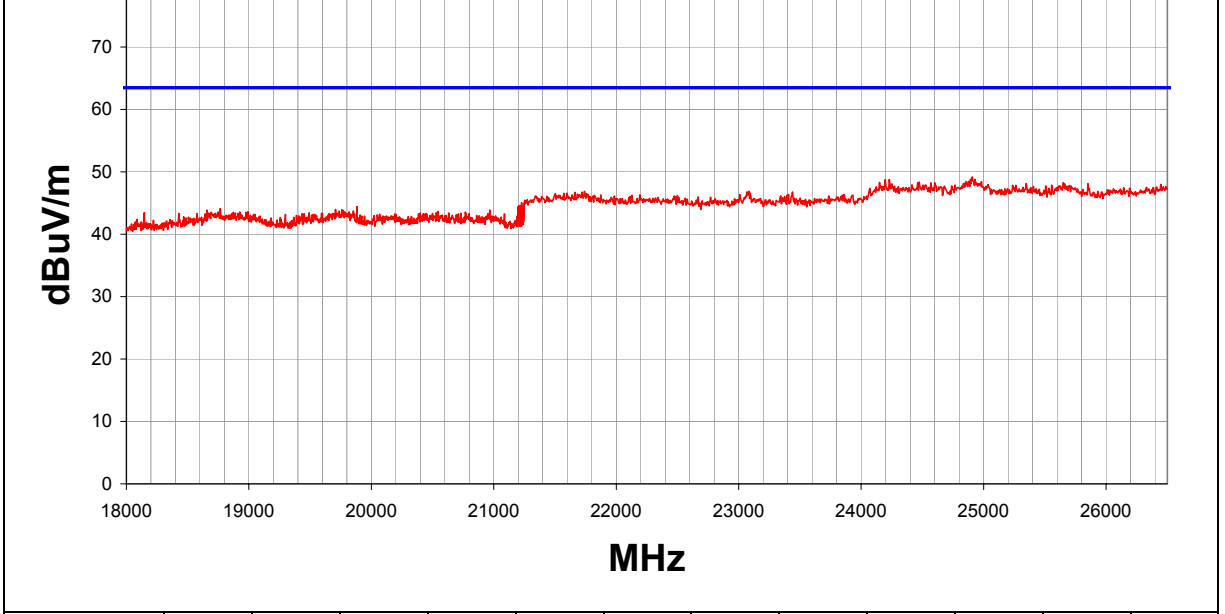
No deviations.

**RESULTS**

	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	1	63

**Other**

*Rod Peloquin*  
\_\_\_\_\_  
Tested By:



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks (PK) from scan)	Distance Adjustment (dB)	Adjusted unknown units	Spec. Limit unknown units	Compared to Spec. (dB)
24907.98	37.6	36.3092	0	40.4454	7.444788	0	V		0	49.18098	83.5	-34.31902
24929.2	37.2	36.30708	0	40.44646	7.45752	0	H		0	48.7969	83.5	-34.7031
24228.98	37.7	36.3771	0	40.41145	7.037388	0	H		0	48.77174	83.5	-34.72826
24197.15	37.7	36.38029	0	40.40986	7.01829	0	V		0	48.74786	83.5	-34.75214
24472.99	37.1	36.3527	0	40.42365	7.183794	0	V		0	48.35474	83.5	-35.14526
25650.63	36.1	35.9553	0	40.48253	7.630126	0	H		0	48.25736	83.5	-35.24264
25348.27	36.2	36.11549	0	40.46741	7.569654	0	H		0	48.12158	83.5	-35.37842
25852.21	35.8	35.8485	0	40.49261	7.670442	0	H		0	48.11455	83.5	-35.38545
25661.24	35.9	35.94967	0	40.48306	7.632248	0	V		0	48.06564	83.5	-35.43436
26446.34	35.2	35.53373	0	40.5	7.83709	0	V		0	48.00336	83.5	-35.49664
23083.16	36.2	36.12495	0	40.36944	6.44158	0	V		0	46.88607	83.5	-36.61393
21741.08	35.7	36.10357	0	40.3247	6.948216	0	H		0	46.86935	83.5	-36.63065
23067.25	36.1	36.12017	0	40.36891	6.433625	0	H		0	46.78236	83.5	-36.71764
23438.58	36	36.23158	0	40.38129	6.61929	0	H		0	46.769	83.5	-36.731
21661.51	35.6	36.1354	0	40.32205	6.932302	0	V		0	46.71895	83.5	-36.78105
21226.52	34.2	36.30939	0	40.30755	6.845304	0	V		0	45.04346	83.5	-38.45654
21226.52	34.1	36.30939	0	40.30755	6.845304	0	H		0	44.94345	83.5	-38.55655
21242.44	34	36.30302	0	40.30808	6.848488	0	H		0	44.85355	83.5	-38.64645
21215.91	33.7	36.31364	0	40.3072	6.843182	0	V		0	44.53674	83.5	-38.96326
21205.3	33.7	36.31788	0	40.30684	6.84106	0	H		0	44.53002	83.5	-38.96998
21237.13	33.6	36.30515	0	40.3079	6.847426	0	H		0	44.45018	83.5	-39.04982

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN Installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 15:38
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Rod Peloquin	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator


**COMMENTS**  
 EUT Installed in 4440 (S/N 2019900103) printer with 067262 patch antenna, Channel 11, FFFF data.

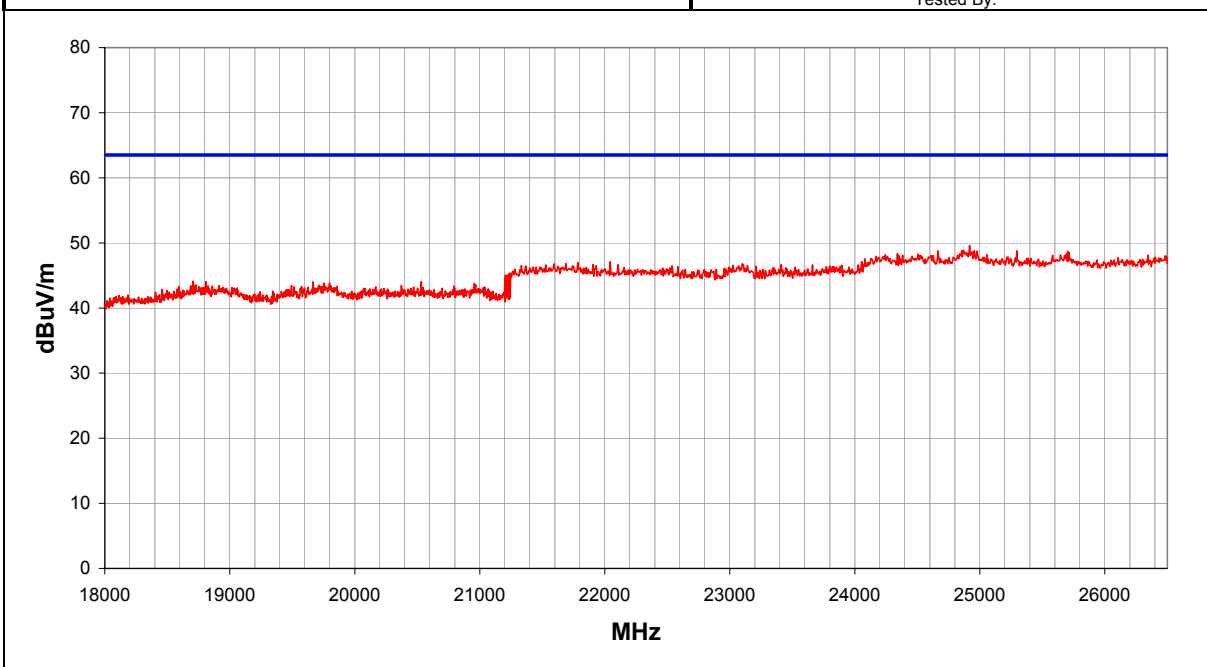
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

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

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
24918.590	38.0	36.3	0.0	40.4	7.5	0.0	V		0.0	49.6	83.5	-33.9
24870.840	37.3	36.3	0.0	40.4	7.4	0.0	H		0.0	48.9	83.5	-34.6
24663.960	37.4	36.3	0.0	40.4	7.3	0.0	H		0.0	48.8	83.5	-34.7
25295.220	36.9	36.1	0.0	40.5	7.6	0.0	H		0.0	48.8	83.5	-34.7
25703.680	36.5	35.9	0.0	40.5	7.6	0.0	V		0.0	48.7	83.5	-34.8
25714.290	36.3	35.9	0.0	40.5	7.6	0.0	H		0.0	48.5	83.5	-35.0
24340.380	37.2	36.4	0.0	40.4	7.1	0.0	H		0.0	48.4	83.5	-35.1
26345.550	35.4	35.6	0.0	40.5	7.8	0.0	H		0.0	48.1	83.5	-35.4
26483.470	35.2	35.5	0.0	40.5	7.8	0.0	V		0.0	48.0	83.5	-35.5
22043.450	35.8	36.0	0.0	40.3	7.0	0.0	H		0.0	47.1	83.5	-36.4
21783.520	35.8	36.1	0.0	40.3	7.0	0.0	V		0.0	47.0	83.5	-36.5
23099.080	36.1	36.1	0.0	40.4	6.4	0.0	H		0.0	46.8	83.5	-36.7
23104.380	36.0	36.1	0.0	40.4	6.5	0.0	V		0.0	46.7	83.5	-36.8
23412.050	35.9	36.2	0.0	40.4	6.6	0.0	V		0.0	46.7	83.5	-36.8
22107.100	35.4	36.0	0.0	40.3	6.9	0.0	H		0.0	46.7	83.5	-36.8
23661.380	35.8	36.3	0.0	40.4	6.7	0.0	V		0.0	46.6	83.5	-36.9
22520.870	35.2	36.1	0.0	40.4	6.7	0.0	V		0.0	46.2	83.5	-37.3
21237.130	34.5	36.3	0.0	40.3	6.8	0.0	H		0.0	45.4	83.5	-38.1
21231.830	34.3	36.3	0.0	40.3	6.8	0.0	V		0.0	45.1	83.5	-38.4
21221.220	34.2	36.3	0.0	40.3	6.8	0.0	H		0.0	45.0	83.5	-38.5
21215.910	34.2	36.3	0.0	40.3	6.8	0.0	H		0.0	45.0	83.5	-38.5

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN Installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 16:04
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Rod Peloquin	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT Installed in 4440 (S/N 2019900103) printer with 067262 patch antenna, Channel 11, FFFF data.

**EUT OPERATING MODES**

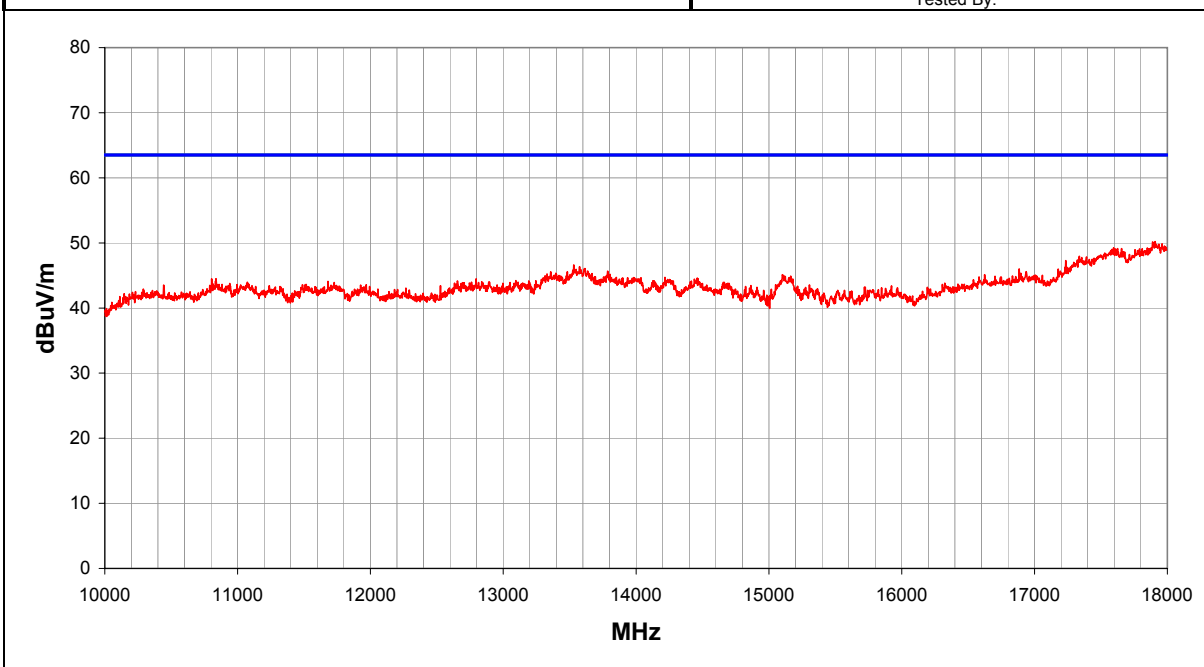
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	65

Other

*Rod Peloquin*  
\_\_\_\_\_  
Tested By:



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
17906.660	30.2	31.5	0.0	45.4	6.1	0.0	V		0.0	50.2	83.5	-33.3
17888.690	30.2	31.5	0.0	45.4	6.1	0.0	H		0.0	50.2	83.5	-33.3
17595.070	30.2	31.5	0.0	44.6	6.0	0.0	H		0.0	49.2	83.5	-34.3
17625.030	30.0	31.5	0.0	44.7	6.0	0.0	V		0.0	49.1	83.5	-34.4
17235.540	30.0	31.6	0.0	42.9	5.9	0.0	H		0.0	47.3	83.5	-36.2
13530.710	32.6	32.0	0.0	41.1	4.9	0.0	H		0.0	46.6	83.5	-36.9
13573.340	32.2	32.0	0.0	41.2	4.9	0.0	V		0.0	46.2	83.5	-37.3
16884.990	30.4	31.6	0.0	41.4	5.9	0.0	H		0.0	46.0	83.5	-37.5
13786.510	31.5	32.1	0.0	41.3	5.0	0.0	V		0.0	45.7	83.5	-37.8
16935.930	29.8	31.6	0.0	41.5	5.9	0.0	V		0.0	45.6	83.5	-37.9
13789.020	31.3	32.1	0.0	41.3	5.0	0.0	H		0.0	45.5	83.5	-38.0
15101.900	32.3	31.9	0.0	39.4	5.3	0.0	H		0.0	45.1	83.5	-38.4
15110.890	32.2	31.9	0.0	39.4	5.3	0.0	V		0.0	45.0	83.5	-38.5
14217.850	30.6	32.1	0.0	41.2	5.1	0.0	V		0.0	44.7	83.5	-38.8
14461.110	30.7	32.1	0.0	40.9	5.1	0.0	V		0.0	44.6	83.5	-38.9
10837.610	34.0	32.1	0.0	38.4	4.2	0.0	H		0.0	44.5	83.5	-39.0
12795.920	31.9	31.7	0.0	39.6	4.8	0.0	V		0.0	44.5	83.5	-39.0
10805.010	34.0	32.1	0.0	38.4	4.2	0.0	V		0.0	44.5	83.5	-39.0
14438.540	30.5	32.1	0.0	40.9	5.1	0.0	H		0.0	44.4	83.5	-39.1
14237.910	30.3	32.1	0.0	41.2	5.1	0.0	H		0.0	44.4	83.5	-39.1
13094.350	31.2	31.8	0.0	40.0	4.8	0.0	V		0.0	44.2	83.5	-39.3

**EMC RADIATED EMISSIONS DATA SHEET**

REV df1.87  
03/21/2002

<b>EUT:</b> EASLYAN Installed in Printer		<b>Work Order:</b> INMC0015
<b>Serial Number:</b>		<b>Date:</b> 4/25/02 16:12
<b>Customer:</b> Intermecc Corporation		<b>Temperature:</b> 72
<b>Attendees:</b> None	<b>Tested by:</b> Rod Peloquin	<b>Humidity:</b> 33%
<b>Cust. Ref. No.:</b>	<b>Power:</b> 120VAC/60Hz	<b>Job Site:</b> EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT Installed in 4440 (S/N 2019900103) printer with 063363 omni antenna, Channel 11, FFFF data.

**EUT OPERATING MODES**

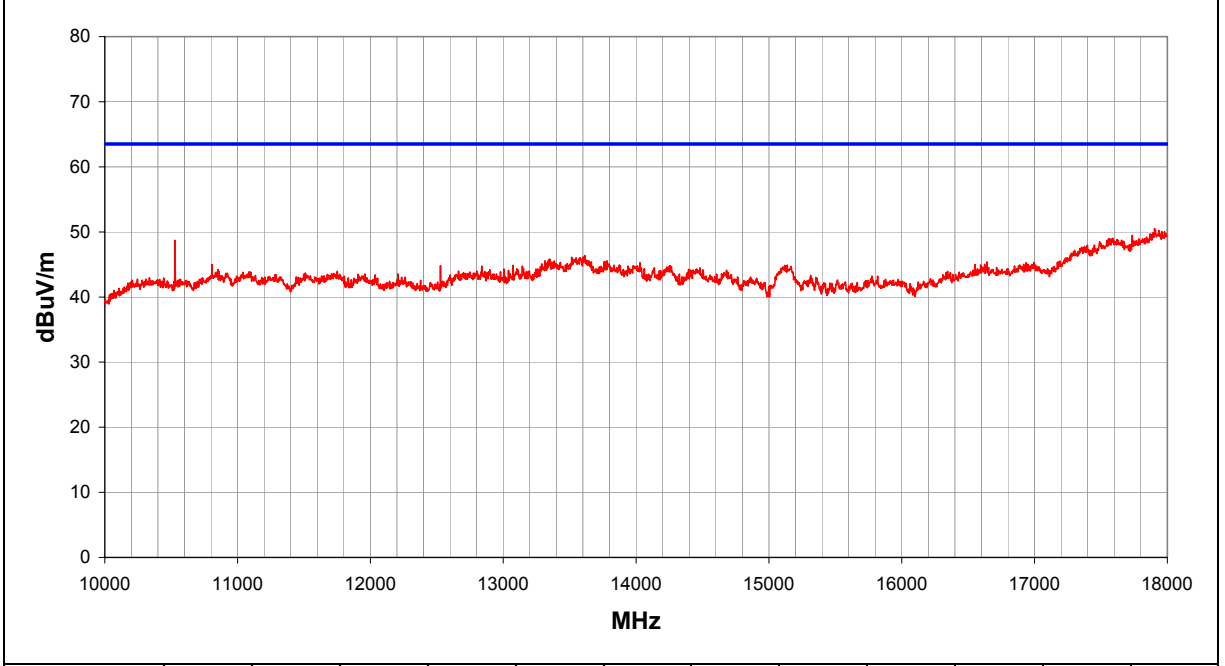
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	<b>Test Distance (m)</b>	<b>Run #</b>
Evaluation	1	66

**Other**

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
17903.670	30.5	31.5	0.0	45.4	6.1	0.0	H		0.0	50.5	83.5	-33.0
17909.660	30.3	31.5	0.0	45.4	6.1	0.0	V		0.0	50.3	83.5	-33.2
17735.880	30.0	31.5	0.0	45.0	6.0	0.0	H		0.0	49.5	83.5	-34.0
17589.080	30.0	31.5	0.0	44.5	6.0	0.0	H		0.0	49.0	83.5	-34.5
10529.150	38.4	32.3	0.0	38.5	4.1	0.0	H		0.0	48.7	83.5	-34.8
13613.470	32.3	32.0	0.0	41.2	4.9	0.0	V		0.0	46.4	83.5	-37.1
13605.950	31.8	32.0	0.0	41.2	4.9	0.0	H		0.0	45.9	83.5	-37.6
13345.130	32.1	31.9	0.0	40.7	4.9	0.0	V		0.0	45.7	83.5	-37.8
13781.490	31.4	32.1	0.0	41.3	5.0	0.0	V		0.0	45.6	83.5	-37.9
13761.430	31.3	32.1	0.0	41.3	5.0	0.0	H		0.0	45.5	83.5	-38.0
16642.310	30.6	31.6	0.0	40.6	5.8	0.0	V		0.0	45.4	83.5	-38.1
16995.850	29.3	31.6	0.0	41.7	5.9	0.0	V		0.0	45.3	83.5	-38.2
14029.770	31.0	32.2	0.0	41.5	5.0	0.0	H		0.0	45.3	83.5	-38.2
16980.870	29.1	31.6	0.0	41.6	5.9	0.0	H		0.0	45.0	83.5	-38.5
10807.520	34.5	32.1	0.0	38.4	4.2	0.0	H		0.0	45.0	83.5	-38.5
15137.870	32.2	31.9	0.0	39.3	5.3	0.0	V		0.0	44.9	83.5	-38.6
13074.290	31.9	31.8	0.0	40.0	4.8	0.0	H		0.0	44.9	83.5	-38.6
15119.880	32.1	31.9	0.0	39.3	5.3	0.0	H		0.0	44.9	83.5	-38.6
12527.590	32.5	31.6	0.0	39.2	4.7	0.0	H		0.0	44.8	83.5	-38.7
14252.960	30.7	32.1	0.0	41.1	5.1	0.0	H		0.0	44.8	83.5	-38.7
13144.510	31.6	31.9	0.0	40.2	4.8	0.0	H		0.0	44.7	83.5	-38.8

# RADIATED EMISSIONS DATA SHEET

EUT: EASLYAN Installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 16:25
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Rod Peloquin	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT Installed in 3400E400 (S/N E7/199) printer with 063363 omni antenna, Channel 6, FFFF data.


**EUT OPERATING MODES**

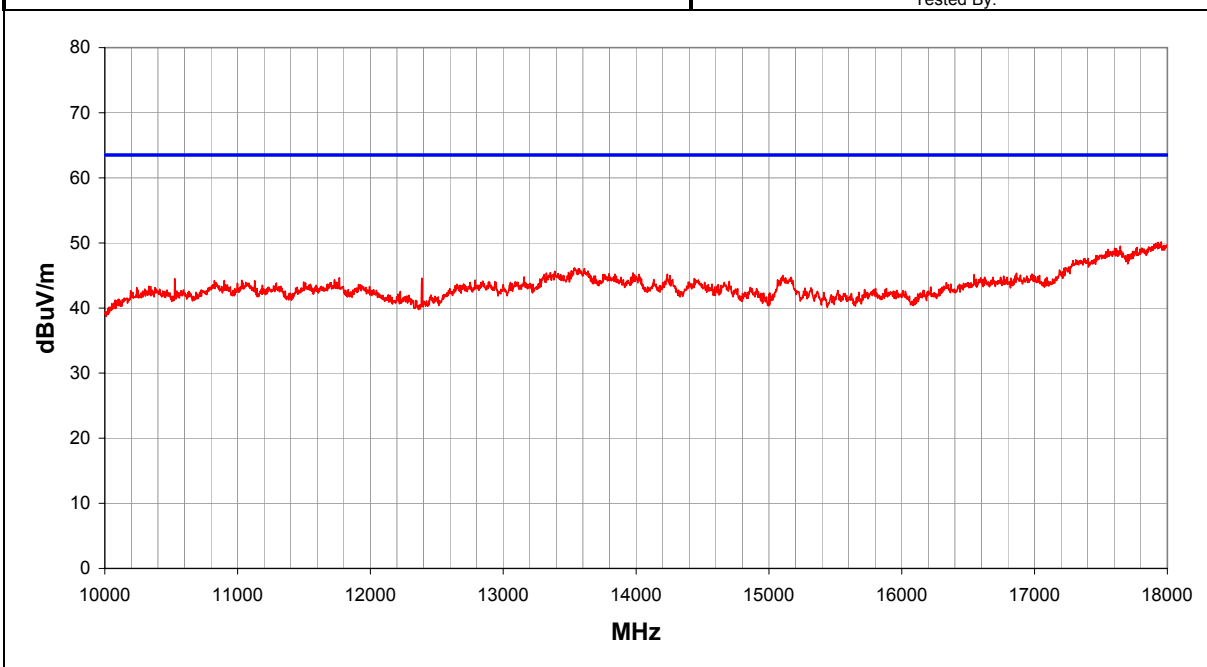
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	67

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
17954.600	30.0	31.5	0.0	45.6	6.1	0.0	H		0.0	50.2	83.5	-33.3
17915.650	29.9	31.5	0.0	45.5	6.1	0.0	V		0.0	49.9	83.5	-33.6
17646.000	30.3	31.5	0.0	44.7	6.0	0.0	H		0.0	49.5	83.5	-34.0
17616.040	30.0	31.5	0.0	44.6	6.0	0.0	V		0.0	49.1	83.5	-34.4
13538.230	32.1	32.0	0.0	41.1	4.9	0.0	H		0.0	46.1	83.5	-37.4
13573.340	32.0	32.0	0.0	41.2	4.9	0.0	V		0.0	46.0	83.5	-37.5
13977.100	31.1	32.2	0.0	41.5	5.0	0.0	V		0.0	45.4	83.5	-38.1
16864.020	29.8	31.6	0.0	41.3	5.9	0.0	V		0.0	45.3	83.5	-38.2
16980.870	29.3	31.6	0.0	41.6	5.9	0.0	H		0.0	45.2	83.5	-38.3
14235.410	31.1	32.1	0.0	41.2	5.1	0.0	H		0.0	45.2	83.5	-38.3
14235.410	31.1	32.1	0.0	41.2	5.1	0.0	V		0.0	45.2	83.5	-38.3
16546.440	30.7	31.6	0.0	40.3	5.8	0.0	H		0.0	45.2	83.5	-38.3
15104.900	32.2	31.9	0.0	39.4	5.3	0.0	V		0.0	45.0	83.5	-38.5
13977.100	30.6	32.2	0.0	41.5	5.0	0.0	H		0.0	44.9	83.5	-38.6
13157.050	31.6	31.9	0.0	40.2	4.8	0.0	H		0.0	44.8	83.5	-38.7
11765.500	32.7	31.5	0.0	39.0	4.5	0.0	V		0.0	44.7	83.5	-38.8
15101.900	31.8	31.9	0.0	39.4	5.3	0.0	H		0.0	44.6	83.5	-38.9
12387.440	32.3	31.6	0.0	39.2	4.7	0.0	H		0.0	44.6	83.5	-38.9
14438.540	30.6	32.1	0.0	40.9	5.1	0.0	V		0.0	44.5	83.5	-39.0
10526.640	34.2	32.3	0.0	38.5	4.1	0.0	H		0.0	44.5	83.5	-39.0
14468.630	30.4	32.1	0.0	40.8	5.1	0.0	H		0.0	44.3	83.5	-39.2

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN Installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 16:31
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Rod Peloquin	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator


**COMMENTS**  
 EUT Installed in 3400E400 (S/N E7/199) printer with 063363 omni antenna, Channel 11, FFFF data.

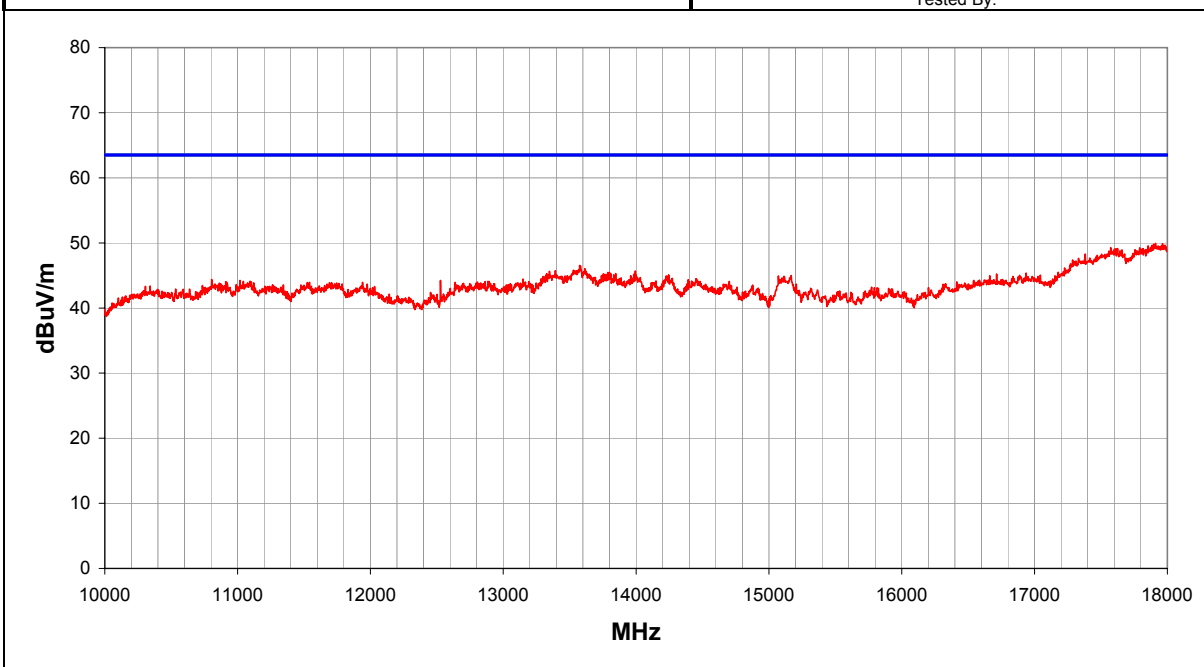
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	68

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
17912.650	29.9	31.5	0.0	45.5	6.1	0.0	H		0.0	49.9	83.5	-33.6
17912.650	29.9	31.5	0.0	45.5	6.1	0.0	V		0.0	49.9	83.5	-33.6
17574.100	30.3	31.5	0.0	44.5	6.0	0.0	V		0.0	49.3	83.5	-34.2
17625.030	30.0	31.5	0.0	44.7	6.0	0.0	H		0.0	49.1	83.5	-34.4
13575.850	32.5	32.0	0.0	41.2	4.9	0.0	H		0.0	46.5	83.5	-37.0
13580.870	32.4	32.0	0.0	41.2	4.9	0.0	V		0.0	46.4	83.5	-37.1
13392.780	32.0	32.0	0.0	40.8	4.9	0.0	H		0.0	45.7	83.5	-37.8
13994.660	31.4	32.2	0.0	41.5	5.0	0.0	H		0.0	45.7	83.5	-37.8
13799.050	31.3	32.1	0.0	41.3	5.0	0.0	H		0.0	45.5	83.5	-38.0
16935.930	29.6	31.6	0.0	41.5	5.9	0.0	H		0.0	45.4	83.5	-38.1
16714.220	30.2	31.6	0.0	40.8	5.8	0.0	H		0.0	45.2	83.5	-38.3
14245.440	31.0	32.1	0.0	41.2	5.1	0.0	H		0.0	45.1	83.5	-38.4
15167.840	32.4	31.9	0.0	39.2	5.4	0.0	H		0.0	45.0	83.5	-38.5
13959.550	30.7	32.2	0.0	41.5	5.0	0.0	V		0.0	45.0	83.5	-38.5
14232.900	30.8	32.1	0.0	41.2	5.1	0.0	V		0.0	44.9	83.5	-38.6
15155.850	32.0	31.9	0.0	39.2	5.3	0.0	V		0.0	44.6	83.5	-38.9
14451.080	30.6	32.1	0.0	40.9	5.1	0.0	V		0.0	44.5	83.5	-39.0
13149.520	31.3	31.9	0.0	40.2	4.8	0.0	H		0.0	44.5	83.5	-39.0
10805.010	33.9	32.1	0.0	38.4	4.2	0.0	V		0.0	44.4	83.5	-39.1
11018.170	33.6	32.0	0.0	38.4	4.2	0.0	V		0.0	44.2	83.5	-39.3
12527.590	31.9	31.6	0.0	39.2	4.7	0.0	H		0.0	44.2	83.5	-39.3

# RADIATED EMISSIONS DATA SHEET

EUT: EASLAN Installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 16:38
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Rod Peloquin	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT Installed in 3400E400 (S/N E7/199) printer with 067262 patch antenna, Channel 11, FFFF data.

**EUT OPERATING MODES**

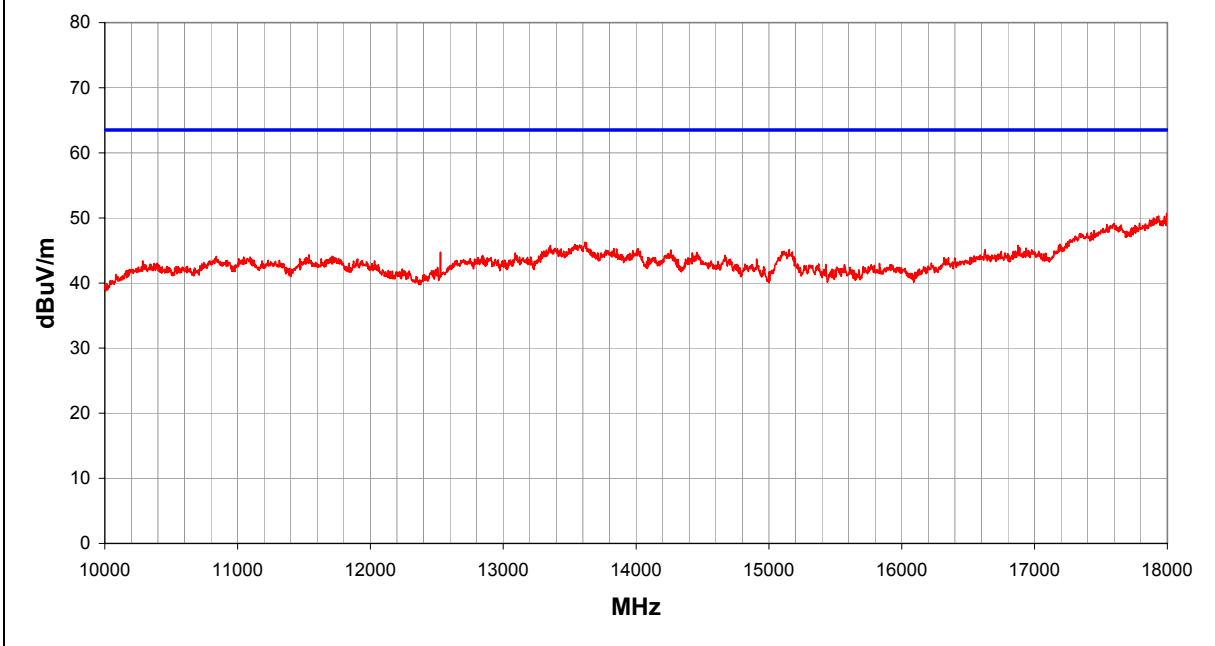
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	69

Other

*Rod Peloquin*  
\_\_\_\_\_  
Tested By:



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
17993.550	30.4	31.5	0.0	45.7	6.1	0.0	H		0.0	50.7	83.5	-32.8
17921.640	30.1	31.5	0.0	45.5	6.1	0.0	V		0.0	50.2	83.5	-33.3
17598.060	30.1	31.5	0.0	44.6	6.0	0.0	H		0.0	49.2	83.5	-34.3
17595.070	29.9	31.5	0.0	44.6	6.0	0.0	V		0.0	48.9	83.5	-34.6
13615.980	32.2	32.0	0.0	41.2	4.9	0.0	H		0.0	46.3	83.5	-37.2
13623.500	31.8	32.0	0.0	41.2	4.9	0.0	V		0.0	45.9	83.5	-37.6
16876.010	30.2	31.6	0.0	41.3	5.9	0.0	V		0.0	45.8	83.5	-37.7
13355.160	32.1	31.9	0.0	40.7	4.9	0.0	V		0.0	45.8	83.5	-37.7
13834.160	31.1	32.1	0.0	41.4	5.0	0.0	H		0.0	45.3	83.5	-38.2
14014.720	31.0	32.2	0.0	41.5	5.0	0.0	V		0.0	45.3	83.5	-38.2
15152.850	32.5	31.9	0.0	39.2	5.3	0.0	H		0.0	45.2	83.5	-38.3
16627.330	30.4	31.6	0.0	40.6	5.8	0.0	V		0.0	45.1	83.5	-38.4
14260.480	31.0	32.1	0.0	41.1	5.1	0.0	H		0.0	45.1	83.5	-38.4
13977.100	30.7	32.2	0.0	41.5	5.0	0.0	H		0.0	45.0	83.5	-38.5
15098.900	32.0	31.9	0.0	39.4	5.3	0.0	V		0.0	44.8	83.5	-38.7
12527.590	32.4	31.6	0.0	39.2	4.7	0.0	H		0.0	44.7	83.5	-38.8
14458.600	30.8	32.1	0.0	40.9	5.1	0.0	V		0.0	44.7	83.5	-38.8
13089.340	31.6	31.8	0.0	40.0	4.8	0.0	H		0.0	44.6	83.5	-38.9
14456.090	30.6	32.1	0.0	40.9	5.1	0.0	H		0.0	44.5	83.5	-39.0
14245.440	30.4	32.1	0.0	41.2	5.1	0.0	V		0.0	44.5	83.5	-39.0
11537.290	32.6	31.7	0.0	39.0	4.4	0.0	H		0.0	44.3	83.5	-39.2

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN Installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 16:45
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Rod Peloquin	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT Installed in 3400E400 (S/N E7199) printer with 067262 patch antenna, Channel 6, FFFF data.

**EUT OPERATING MODES**

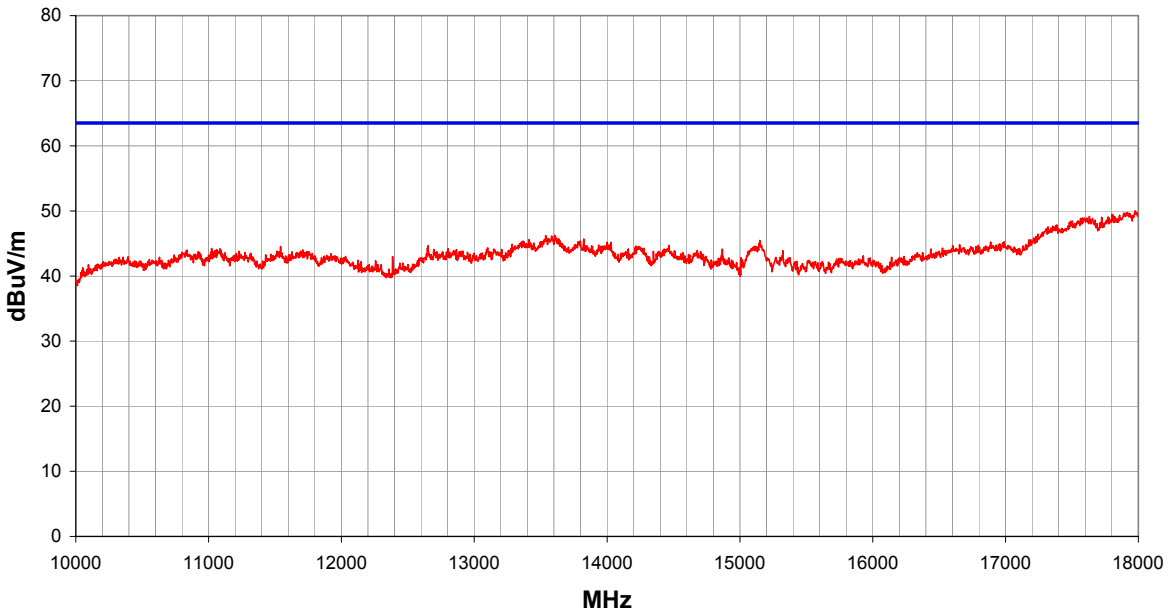
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	70

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
17975.570	29.8	31.5	0.0	45.6	6.1	0.0	H		0.0	50.0	83.5	-33.5
17987.560	29.5	31.5	0.0	45.7	6.1	0.0	V		0.0	49.8	83.5	-33.7
17631.020	30.0	31.5	0.0	44.7	6.0	0.0	H		0.0	49.2	83.5	-34.3
17640.010	29.5	31.5	0.0	44.7	6.0	0.0	V		0.0	48.7	83.5	-34.8
13605.950	32.2	32.0	0.0	41.2	4.9	0.0	V		0.0	46.3	83.5	-37.2
13583.380	32.1	32.0	0.0	41.2	4.9	0.0	H		0.0	46.2	83.5	-37.3
13824.130	31.5	32.1	0.0	41.4	5.0	0.0	V		0.0	45.7	83.5	-37.8
15149.850	32.8	31.9	0.0	39.2	5.3	0.0	V		0.0	45.5	83.5	-38.0
16989.860	29.3	31.6	0.0	41.7	5.9	0.0	H		0.0	45.3	83.5	-38.2
16887.990	29.6	31.6	0.0	41.4	5.9	0.0	V		0.0	45.2	83.5	-38.3
13999.670	30.9	32.2	0.0	41.5	5.0	0.0	V		0.0	45.2	83.5	-38.3
13789.020	30.9	32.1	0.0	41.3	5.0	0.0	H		0.0	45.1	83.5	-38.4
15143.860	32.3	31.9	0.0	39.3	5.3	0.0	H		0.0	45.0	83.5	-38.5
14466.130	30.8	32.1	0.0	40.8	5.1	0.0	H		0.0	44.7	83.5	-38.8
12652.980	32.2	31.7	0.0	39.4	4.7	0.0	V		0.0	44.7	83.5	-38.8
14217.850	30.5	32.1	0.0	41.2	5.1	0.0	H		0.0	44.6	83.5	-38.9
11542.300	32.8	31.7	0.0	39.0	4.4	0.0	V		0.0	44.5	83.5	-39.0
14230.390	30.3	32.1	0.0	41.2	5.1	0.0	V		0.0	44.4	83.5	-39.1
12647.960	31.9	31.7	0.0	39.4	4.7	0.0	H		0.0	44.3	83.5	-39.2
13101.880	31.3	31.8	0.0	40.1	4.8	0.0	H		0.0	44.3	83.5	-39.2
11023.190	33.6	32.0	0.0	38.4	4.2	0.0	H		0.0	44.3	83.5	-39.2



NORTHWEST  
**EMC RADIATED EMISSIONS DATA SHEET**  
 REV df1.87 03/21/2002

EUT: EASLYAN Installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 16:56
Customer:	Intermec Corporation	Temperature: 72
Attendees:	None	Tested by: Rod Peloquin
Cust. Ref. No.:		Humidity: 33%
	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT Installed in 3400E400 (S/N E7/199) printer with 067262 patch antenna, Channel 6, FFFF data.

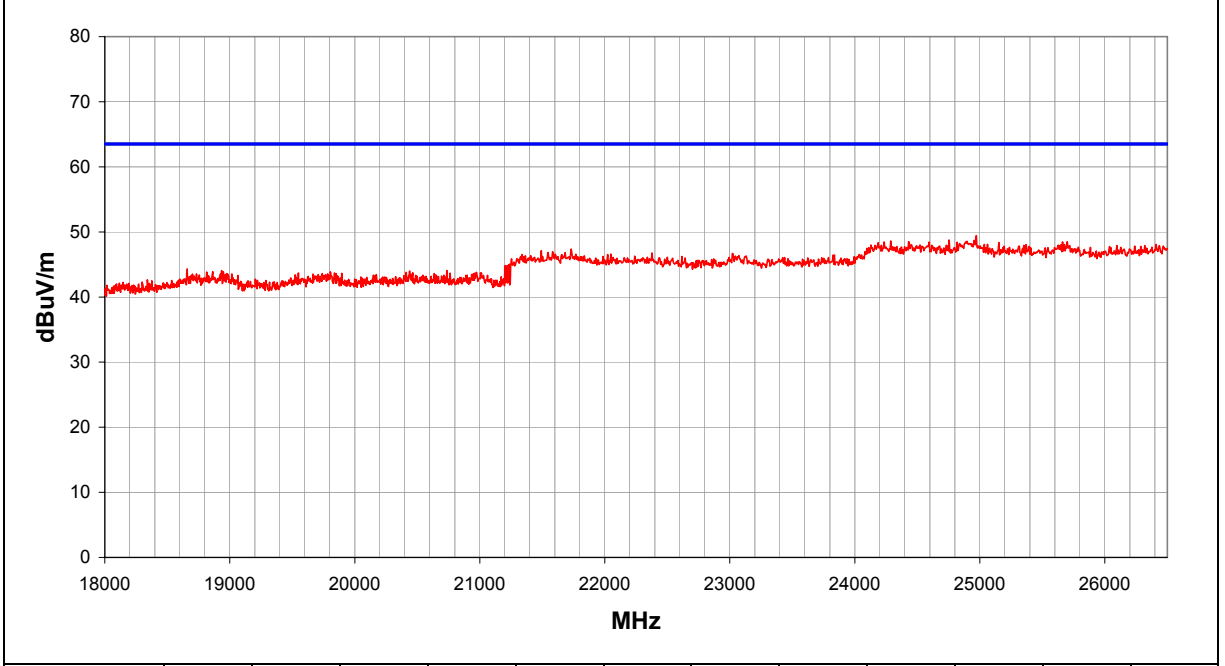
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	71

Other

*Rod Peloquin*  
 \_\_\_\_\_  
 Tested By:



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
24971.630	37.8	36.3	0.0	40.4	7.5	0.0	H		0.0	49.4	83.5	-34.1
24754.140	37.3	36.3	0.0	40.4	7.4	0.0	H		0.0	48.8	83.5	-34.7
24955.720	37.1	36.3	0.0	40.4	7.5	0.0	V		0.0	48.7	83.5	-34.8
24287.330	37.5	36.4	0.0	40.4	7.1	0.0	V		0.0	48.6	83.5	-34.9
25698.380	36.3	35.9	0.0	40.5	7.6	0.0	V		0.0	48.5	83.5	-35.0
24234.280	37.4	36.4	0.0	40.4	7.0	0.0	H		0.0	48.5	83.5	-35.0
25151.990	36.6	36.2	0.0	40.5	7.5	0.0	H		0.0	48.4	83.5	-35.1
26409.200	35.3	35.6	0.0	40.5	7.8	0.0	H		0.0	48.1	83.5	-35.4
26096.230	35.4	35.7	0.0	40.5	7.7	0.0	V		0.0	47.9	83.5	-35.6
21730.470	36.2	36.1	0.0	40.3	6.9	0.0	H		0.0	47.4	83.5	-36.1
21491.760	36.1	36.2	0.0	40.3	6.9	0.0	V		0.0	47.1	83.5	-36.4
22377.640	35.7	36.0	0.0	40.3	6.8	0.0	V		0.0	46.8	83.5	-36.7
23024.810	36.0	36.1	0.0	40.4	6.4	0.0	H		0.0	46.7	83.5	-36.8
22048.750	35.3	36.0	0.0	40.3	7.0	0.0	H		0.0	46.6	83.5	-36.9
23019.510	35.9	36.1	0.0	40.4	6.4	0.0	V		0.0	46.6	83.5	-36.9
23836.430	35.6	36.4	0.0	40.4	6.8	0.0	H		0.0	46.5	83.5	-37.0
21237.130	34.2	36.3	0.0	40.3	6.8	0.0	H		0.0	45.1	83.5	-38.4
21231.830	34.1	36.3	0.0	40.3	6.8	0.0	V		0.0	44.9	83.5	-38.6
21221.220	34.0	36.3	0.0	40.3	6.8	0.0	V		0.0	44.8	83.5	-38.7
21205.300	34.0	36.3	0.0	40.3	6.8	0.0	H		0.0	44.8	83.5	-38.7
21205.300	34.0	36.3	0.0	40.3	6.8	0.0	V		0.0	44.8	83.5	-38.7

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN Installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 17:02
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Rod Peloquin	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**

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

**COMMENTS**

EUT Installed in 3400E400 (S/N E7/199) printer with 067262 patch antenna, Channel 11, FFFF data.

**EUT OPERATING MODES**

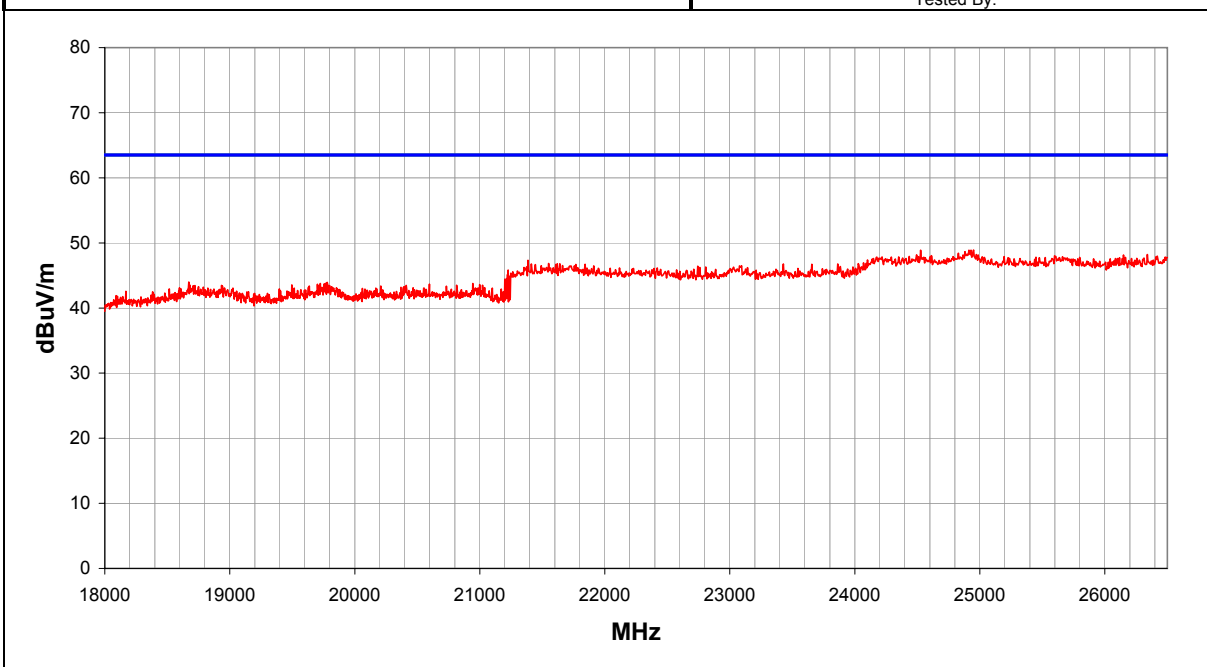
**DEVIATIONS FROM TEST STANDARD**

No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	72

Other

*Rod Peloquin*  
\_\_\_\_\_  
Tested By:



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
24950.410	37.3	36.3	0.0	40.4	7.5	0.0	H		0.0	48.9	83.5	-34.6
24526.040	37.6	36.3	0.0	40.4	7.2	0.0	V		0.0	48.9	83.5	-34.6
24913.280	37.3	36.3	0.0	40.4	7.4	0.0	V		0.0	48.9	83.5	-34.6
26340.240	35.5	35.6	0.0	40.5	7.8	0.0	V		0.0	48.2	83.5	-35.3
24494.210	36.9	36.4	0.0	40.4	7.2	0.0	H		0.0	48.2	83.5	-35.3
26149.270	35.6	35.7	0.0	40.5	7.7	0.0	V		0.0	48.2	83.5	-35.3
25597.590	35.9	36.0	0.0	40.5	7.6	0.0	H		0.0	48.0	83.5	-35.5
26419.810	35.2	35.5	0.0	40.5	7.8	0.0	H		0.0	48.0	83.5	-35.5
21385.660	36.4	36.2	0.0	40.3	6.9	0.0	H		0.0	47.3	83.5	-36.2
21550.110	35.8	36.2	0.0	40.3	6.9	0.0	V		0.0	46.8	83.5	-36.7
21640.290	35.7	36.1	0.0	40.3	6.9	0.0	V		0.0	46.8	83.5	-36.7
23862.950	35.9	36.4	0.0	40.4	6.8	0.0	V		0.0	46.8	83.5	-36.7
23427.970	36.0	36.2	0.0	40.4	6.6	0.0	H		0.0	46.8	83.5	-36.7
21841.870	35.5	36.1	0.0	40.3	7.0	0.0	V		0.0	46.7	83.5	-36.8
23656.070	35.9	36.3	0.0	40.4	6.7	0.0	V		0.0	46.7	83.5	-36.8
23093.770	35.8	36.1	0.0	40.4	6.4	0.0	V		0.0	46.5	83.5	-37.0
21910.830	35.2	36.0	0.0	40.3	7.0	0.0	V		0.0	46.5	83.5	-37.0
22743.660	35.6	36.1	0.0	40.4	6.6	0.0	V		0.0	46.4	83.5	-37.1
22807.320	35.5	36.1	0.0	40.4	6.5	0.0	H		0.0	46.3	83.5	-37.2
23088.470	35.6	36.1	0.0	40.4	6.4	0.0	H		0.0	46.3	83.5	-37.2
22759.580	35.4	36.1	0.0	40.4	6.5	0.0	H		0.0	46.2	83.5	-37.3

NORTHWEST **EMC RADIATED EMISSIONS DATA SHEET** REV df1.87 03/21/2002

EUT: EASYLAN Installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 17:07
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Rod Peloquin	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**COMMENTS**  
 EUT Installed in 3400E400 (S/N E7/199) printer with 063363 omni antenna, Channel 11, FFFF data.

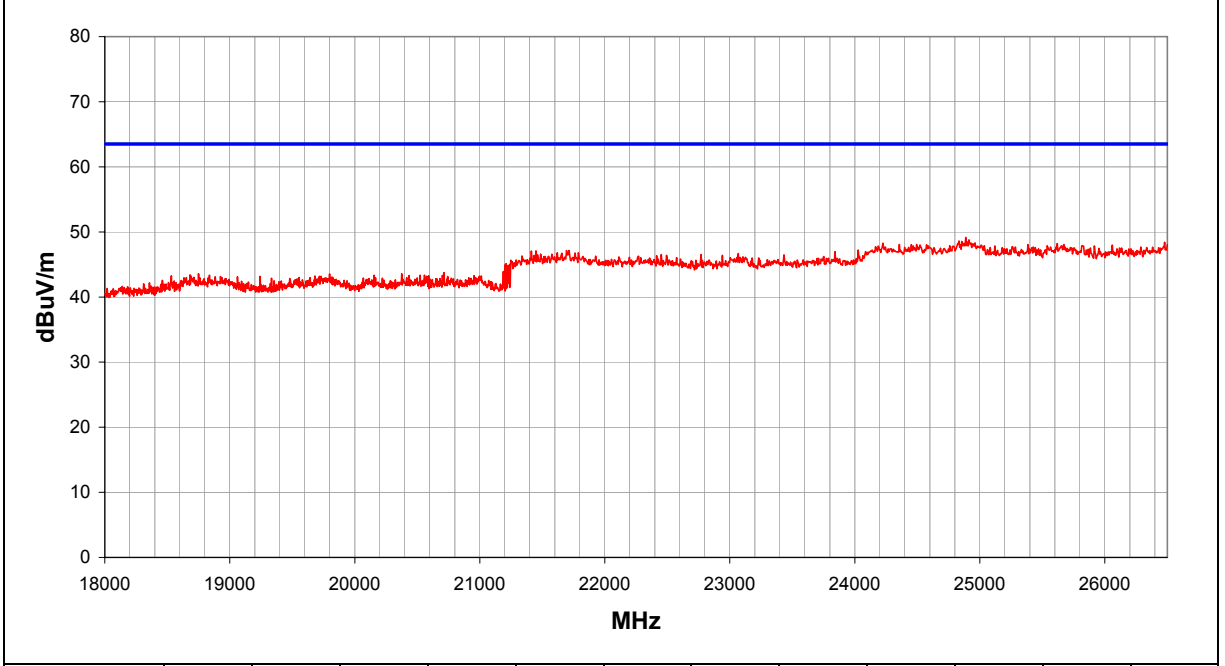
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	73

Other

*Rod Peloquin*  
 \_\_\_\_\_  
 Tested By:



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
24886.760	37.6	36.3	0.0	40.4	7.4	0.0	V		0.0	49.2	83.5	-34.3
24833.710	37.1	36.3	0.0	40.4	7.4	0.0	H		0.0	48.6	83.5	-34.9
26478.160	35.6	35.5	0.0	40.5	7.8	0.0	H		0.0	48.4	83.5	-35.1
24223.670	37.2	36.4	0.0	40.4	7.0	0.0	H		0.0	48.3	83.5	-35.2
25618.800	36.1	36.0	0.0	40.5	7.6	0.0	V		0.0	48.2	83.5	-35.3
25671.850	35.9	35.9	0.0	40.5	7.6	0.0	H		0.0	48.1	83.5	-35.4
25385.400	36.1	36.1	0.0	40.5	7.6	0.0	H		0.0	48.1	83.5	-35.4
26499.380	35.2	35.5	0.0	40.5	7.9	0.0	V		0.0	48.0	83.5	-35.5
26059.090	35.5	35.7	0.0	40.5	7.7	0.0	V		0.0	48.0	83.5	-35.5
21714.550	36.0	36.1	0.0	40.3	6.9	0.0	H		0.0	47.2	83.5	-36.3
21693.340	36.0	36.1	0.0	40.3	6.9	0.0	V		0.0	47.1	83.5	-36.4
21449.320	36.1	36.2	0.0	40.3	6.9	0.0	V		0.0	47.1	83.5	-36.4
23841.730	36.1	36.4	0.0	40.4	6.8	0.0	H		0.0	47.0	83.5	-36.5
23067.250	36.0	36.1	0.0	40.4	6.4	0.0	H		0.0	46.7	83.5	-36.8
22451.910	35.5	36.0	0.0	40.3	6.7	0.0	H		0.0	46.5	83.5	-37.0
22770.190	35.7	36.1	0.0	40.4	6.5	0.0	H		0.0	46.5	83.5	-37.0
23433.270	35.7	36.2	0.0	40.4	6.6	0.0	H		0.0	46.5	83.5	-37.0
22939.940	35.7	36.1	0.0	40.4	6.4	0.0	V		0.0	46.4	83.5	-37.1
22494.340	35.4	36.0	0.0	40.3	6.7	0.0	V		0.0	46.4	83.5	-37.1
21210.610	34.3	36.3	0.0	40.3	6.8	0.0	V		0.0	45.1	83.5	-38.4
21242.440	34.2	36.3	0.0	40.3	6.8	0.0	H		0.0	45.1	83.5	-38.4

# RADIATED EMISSIONS DATA SHEET

EUT: EASYLAN Installed in Printer		Work Order: INMC0015
Serial Number:		Date: 4/25/02 17:14
Customer: Intermec Corporation		Temperature: 72
Attendees: None	Tested by: Rod Peloquin	Humidity: 33%
Cust. Ref. No.:	Power: 120VAC/60Hz	Job Site: EV01

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

**SAMPLE CALCULATIONS**  
 Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation  
 Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator


**COMMENTS**  
 EUT Installed in 3400E400 (S/N E7/199) printer with 063363 omni antenna, Channel 6, FFFF data.

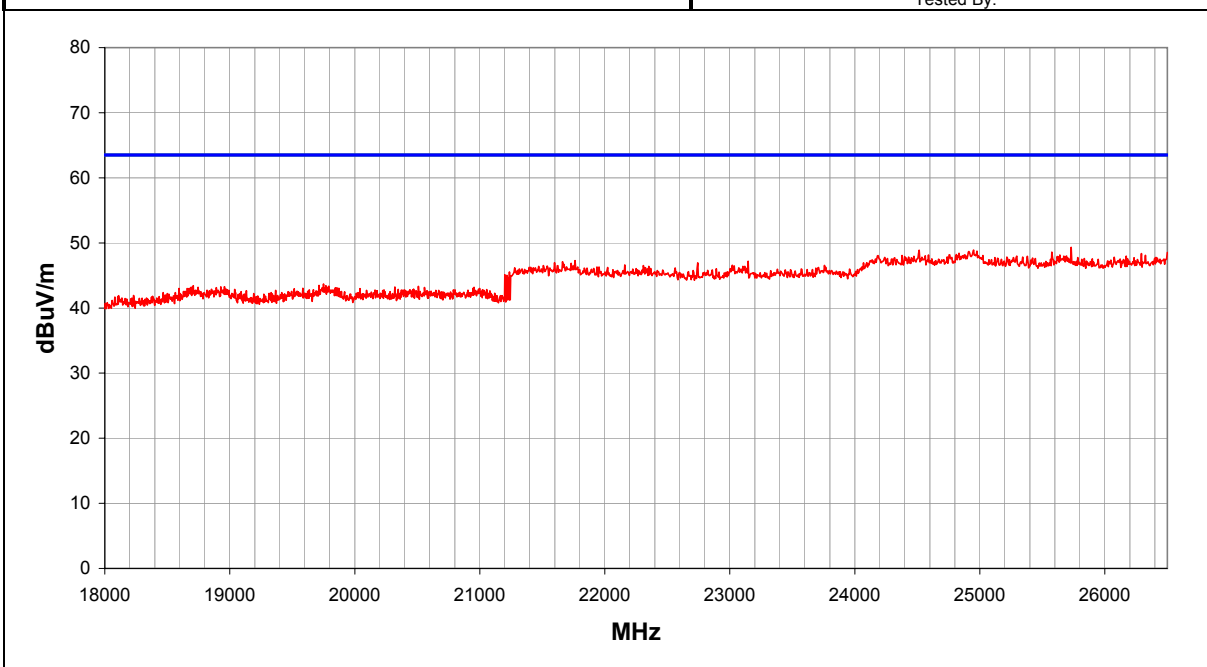
**EUT OPERATING MODES**

**DEVIATIONS FROM TEST STANDARD**  
 No deviations.

<b>RESULTS</b>	Test Distance (m)	Run #
Evaluation	1	74

Other

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



Freq (MHz)	Amplitude (dBuV)	Preamp (dB)	Chamber (dB)	Transducer (dB)	Cable (dB)	External Attenuation (dB)	Polarity/ Transducer Type	Detector (blank equal peaks [PK] from scan)	Distance Adjustment (dB)	Adjusted dBuV/m	Spec. Limit dBuV/m	Compared to Spec. (dB)
25730.200	37.1	35.9	0.0	40.5	7.6	0.0	V		0.0	49.3	83.5	-34.2
24950.410	37.3	36.3	0.0	40.4	7.5	0.0	V		0.0	48.9	83.5	-34.6
24515.430	37.6	36.3	0.0	40.4	7.2	0.0	H		0.0	48.9	83.5	-34.6
24976.940	37.1	36.3	0.0	40.4	7.5	0.0	H		0.0	48.7	83.5	-34.8
25576.370	36.5	36.0	0.0	40.5	7.6	0.0	H		0.0	48.6	83.5	-34.9
26499.380	35.7	35.5	0.0	40.5	7.9	0.0	H		0.0	48.5	83.5	-35.0
26292.500	35.7	35.6	0.0	40.5	7.8	0.0	V		0.0	48.4	83.5	-35.1
24186.540	37.0	36.4	0.0	40.4	7.0	0.0	H		0.0	48.0	83.5	-35.5
25295.220	36.1	36.1	0.0	40.5	7.6	0.0	V		0.0	48.0	83.5	-35.5
21762.300	36.1	36.1	0.0	40.3	7.0	0.0	V		0.0	47.3	83.5	-36.2
23146.820	36.5	36.1	0.0	40.4	6.5	0.0	H		0.0	47.2	83.5	-36.3
21661.510	36.0	36.1	0.0	40.3	6.9	0.0	H		0.0	47.1	83.5	-36.4
22743.660	36.1	36.1	0.0	40.4	6.6	0.0	H		0.0	46.9	83.5	-36.6
22160.150	35.4	36.0	0.0	40.3	6.9	0.0	H		0.0	46.6	83.5	-36.9
23756.860	35.7	36.3	0.0	40.4	6.8	0.0	V		0.0	46.5	83.5	-37.0
22308.680	35.4	36.0	0.0	40.3	6.8	0.0	H		0.0	46.5	83.5	-37.0
22351.120	35.3	36.0	0.0	40.3	6.8	0.0	V		0.0	46.4	83.5	-37.1
23120.300	35.7	36.1	0.0	40.4	6.5	0.0	V		0.0	46.4	83.5	-37.1
21953.270	35.0	36.0	0.0	40.3	7.0	0.0	V		0.0	46.3	83.5	-37.2
22892.200	35.3	36.1	0.0	40.4	6.5	0.0	V		0.0	46.0	83.5	-37.5
21237.130	34.7	36.3	0.0	40.3	6.8	0.0	V		0.0	45.6	83.5	-37.9