

MEASUREMENT/TECHNICAL REPORT



**Intermec Technologies Corporation
Intellitag ITRM24501 Radio Module
2450 MHz Spread Spectrum Transmitter**

REPORT NO: 011214-1

DATE: December 14, 2001

APPENDIX H

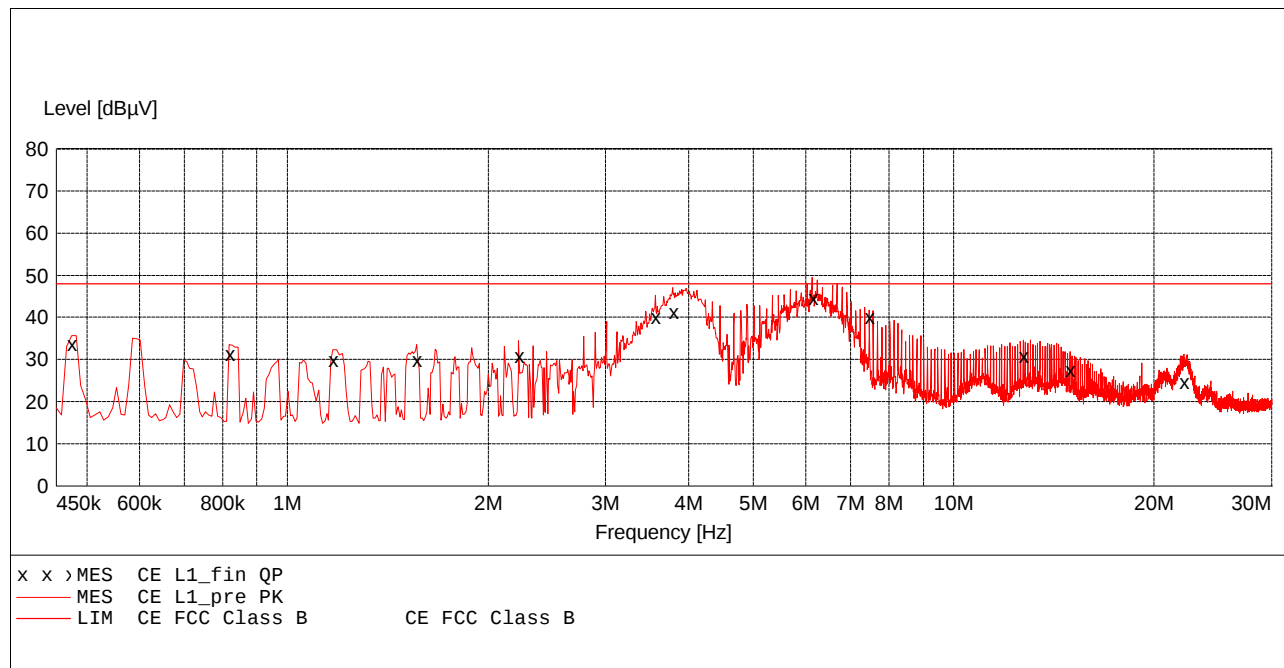
AC POWERLINE CONDUCTED EMISSIONS

Intermec Technologies Corporation
Emission Test

EUT: EHAITRM24501, Intermec Stationary Reader, ELPAC MI2009 #2
Manufacturer / Eng.: Intermec / J Jorgenson
Operating Condition: emissions test program
Test Site: EMC Lab, Cedar Rapids IA
Operator: df
Test Specification: FCC Class B
Comment: L1 Side, 120 VAC
Start of Test: 12/20/01 / 9:05:00AM

SCAN TABLE: "CE FCC R&S L1"

Short Description:	FCC Voltage	L1 Side				
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
450.0 kHz	30.0 MHz	8.0 kHz	MaxPeak	20.0 ms	10 kHz	C LISN R&S L1



MEASUREMENT RESULT: "CE L1_fin QP"

12/20/01 9:14AM

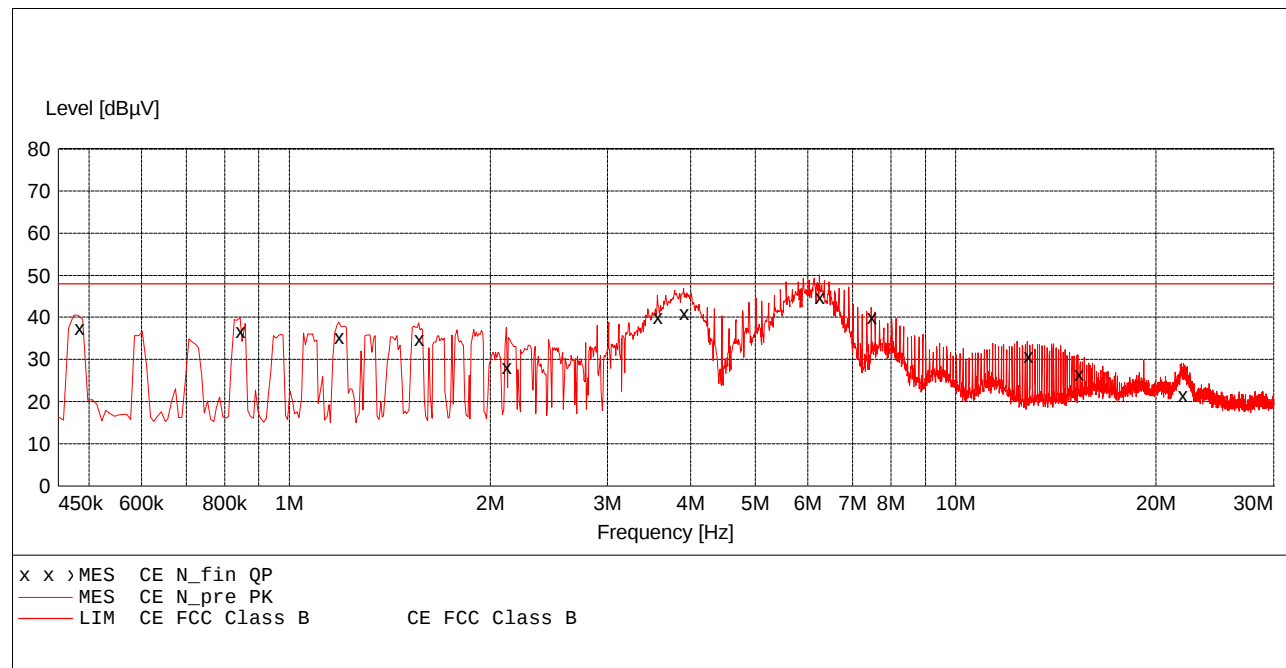
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.474000	33.80	10.00	48.00	14.20	L1	GND
0.818000	31.40	9.90	48.00	16.60	L1	GND
1.170000	29.90	10.10	48.00	18.10	L1	GND
1.562000	29.90	10.10	48.00	18.10	L1	GND
2.226000	30.80	10.10	48.00	17.20	L1	GND
3.562000	40.20	10.40	48.00	7.80	L1	GND
3.786000	41.30	10.40	48.00	6.70	L1	GND
6.130000	44.70	10.60	48.00	3.30	L1	GND
7.466000	40.20	10.70	48.00	7.80	L1	GND
12.698000	30.90	11.10	48.00	17.10	L1	GND
14.930000	27.70	11.30	48.00	20.30	L1	GND
22.138000	24.70	11.90	48.00	23.30	L1	GND

Intermec Technologies Corporation
Emission Test

EUT: EHAITRM24501, Intermec Stationary Reader, ELPAC MI2009 #2
 Manufacturer / Eng.: Intermec / J Jorgenson
 Operating Condition: emissions test program
 Test Site: EMC Lab, Cedar Rapids IA
 Operator: df
 Test Specification: FCC Class B
 Comment: N Side, 120 VAC
 Start of Test: 12/20/01 / 9:16:03AM

SCAN TABLE: "CE FCC R&S N"

Short Description:			FCC Voltage	N Side		
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
450.0 kHz	30.0 MHz	8.0 kHz	MaxPeak	20.0 ms	10 kHz	C LISN R&S N



MEASUREMENT RESULT: "CE N_fin QP"

12/20/01 9:26AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.482000	37.60	10.10	48.00	10.40	N	GND
0.842000	36.80	10.00	48.00	11.20	N	GND
1.186000	35.40	10.10	48.00	12.60	N	GND
1.562000	34.90	10.10	48.00	13.10	N	GND
2.114000	28.20	10.20	48.00	19.80	N	GND
3.562000	40.00	10.40	48.00	8.00	N	GND
3.898000	41.20	10.40	48.00	6.80	N	GND
6.242000	44.90	10.60	48.00	3.10	N	GND
7.466000	40.20	10.70	48.00	7.80	N	GND
12.810000	31.00	11.00	48.00	17.00	N	GND
15.266000	26.60	11.30	48.00	21.40	N	GND
21.842000	21.70	11.60	48.00	26.30	N	GND