**Exhibit M: Band Edge Compliance** 

**FCC ID: HN2PC24-11** 



# **Band Edge Compliance of RF Conducted Emissions**

Revision 11/14/02

### **Justification**

The individuals and/or the organization requesting the test provided the modes, configurations and settings available to evaluate. While scanning the radiated emissions, all of the EUT parameters listed below were investigated. This includes, but may not be limited to, antennas, tuned transmit frequency ranges, operating modes, and data rates.

Channels in Specified Band Investigated:
Low
Mid
High

Operating Modes Investigated:
Typical

Data Rates Investigated:	
Maximum	

Output Power Setting(s) Investigated:
Maximum

Power Input Settings Investigated:	
5VDC	

Software\Firmware	Applied During Te	st	
Exercise software	FCCTST24.BIN	Version	Unknown
Description			
The system was tested us the testing.	ing the FCCTST24.BIN	I software to exercise t	the functions of the device during

## **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
EUT-PCMCIA Card	INTERMEC	P24-11-FC/R	02UT34371446
Extender Card	Swart Interconnect	EXT-PCM-68-SM3	060501-212
Host Device	INTERMEC	2435	27300200205
5VDC Adapter	INTERMEC	0-302029-01	N/A



# Band Edge Compliance of RF Conducted Emissions

**Revision 11/14/02** 

#### **Cables**

Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
5VDC power	No	1.9	PA	5VDC Adapter	EUT

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	Tektronix	2784	AAO	03/08/2001	24 mo

### **Test Description**

**Requirement**: Per 47 CFR 15.247(c), in any 100 kHz bandwidth outside the authorized band, the maximum level of radio frequency power must be at least 20dB down from the highest emission level within the authorized band. The measurement is made with the spectrum analyzer's resolution bandwidth set to 100 kHz, and the video bandwidth set to greater than or equal to the resolution bandwidth.

**Configuration**: The spurious RF conducted emissions at the edges of the authorized band were measured with the EUT set to low and high transmit frequencies. The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at its maximum data rate using direct sequence modulation. The channels closest to the band edges were selected. The spectrum was scanned across each band edge from 5 MHz below the band edge to 5 MHz above the band edge.

Completed by:
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NORTHWEST FMC				E	MISSIG	ONS DA	TA S	HEET			Т	ransmitters Rev df11/13/02
	EUT: PC24	11-FC/R								Work Order	INMC0036	df11/13/02
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	tomer: INTER		oration	n						Temperature:		
	ndees: None									Humidity		
Customer Re										Bar. Pressure:		
	ed by: Rod F	eloquin					Po	wer: 5VDC		Job Site:	EV06	
TEST SPECIFIC												
Specific SAMPLE CALC	ation: 47 CF	R 15.247(c)		•	Year: Most Cur	rent	Met	hod: FCC 97-11	4, ANSI C63.4	Year	1992	
COMMENTS None												
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modulation, low	v channel											
DEVIATIONS FE	ROM TEST ST	TANDARD										
None												
REQUIREMENT	S											
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KNOB 2 KNOB 1 KEYPAD Textronix 2784

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	02UT34371446					Da	ite: 11/15/02
	INTERMEC Corporation					Temperatu	
Attendees: omer Ref. No.:							ity: 45%
	Rod Peloquin			Power: 5VDC		Bar. Pressu	ite: EV06
PECIFICATION				1 011011 0120		002 0	
	47 CFR 15.247(c)	Year: Mo	st Current	Method: FCC 97-	114, ANSI C63.4	Ye	ar: 1992
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