EMC Test Laboratory DOC. NO.: 577-501-006

ITRM24501 Radio Module, FCC 15.247, Canada RSS-210, RSS-102

APPENDIX B, Conducted and Radiated Measurement Photos

REPORT NO: 011214-1 DATE: December 14, 2001

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FCC ID: EHAITRM24501



MEASUREMENT/TECHNICAL REPORT

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

REPORT NO: 011214-1

DATE: December 14, 2001

APPENDIX B

THE FOLLOWING PAGES INCLUDE; Radiated and Conducted Test set-up photographs

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2 antenna system, unit horizontal and vertical

Page 3

Configuration 1

4 antenna system, unit horizontal and vertical

Page 4

Configuration 2

4 antenna system, unit horizontal

Configuration 3

4 antenna system, unit horizontal

Page 5

Emissions above 18 GHz, unit horizontal and vertical

Page 6

AC line conducted emissions

EMC Test Laboratory DOC. NO.: 577-500-979

 $2450\ PC$ Card Radio Module, FCC 15.247, Canada RSS-210, RSS-102

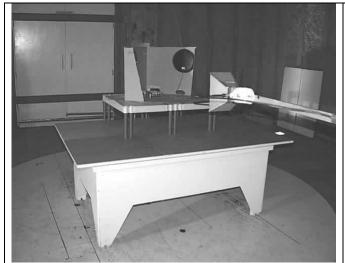
APPENDIX A, Conducted and Radiated Measurement Photos

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FCC ID: EHARFID2450PCC-5

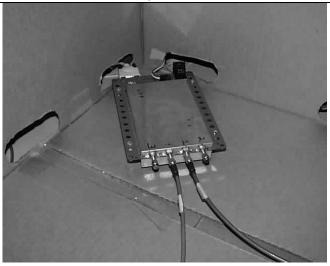
2 ANTENNA SYSTEM



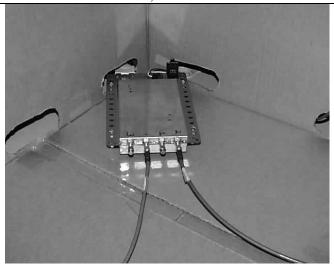
front view, unit horizontal



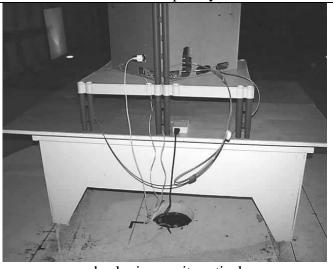
back view, unit horizontal



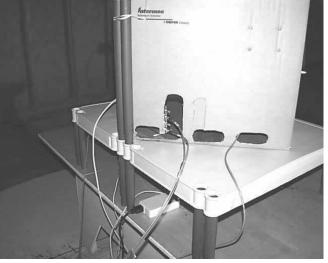
worst case 2 port system



ports for 2 port radio



back view, unit vertical



cable placement, unit vertical

EMC Test Laboratory DOC. NO.: 577-500-979

2450 PC Card Radio Module, FCC 15.247, Canada RSS-210, RSS-102

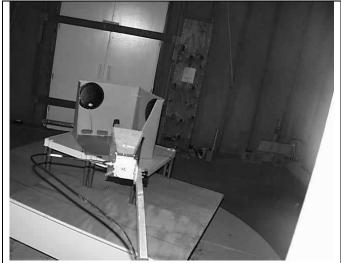
APPENDIX A, Conducted and Radiated Measurement Photos

REPORT NO: 010312-1 DATE: March 12, 2001

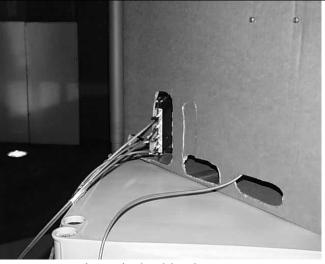
Page 3 of 6

FCC ID: EHARFID2450PCC-5

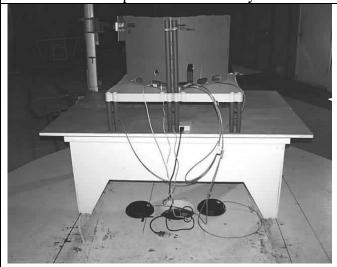
4 ANTENNA SYSTEM, CONFIGURATION 1



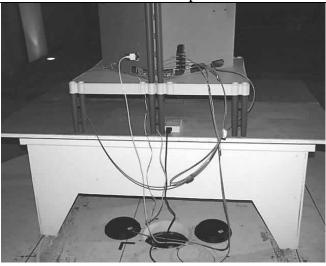
maximum position 4 antenna system



unit vertical cable placement



unit horizontal, back view



unit vertical, back view



horizontal unit cable placement



unit vertical, top view

EMC Test Laboratory DOC. NO.: 577-500-979

 $2450\ PC$ Card Radio Module, FCC 15.247, Canada RSS-210, RSS-102

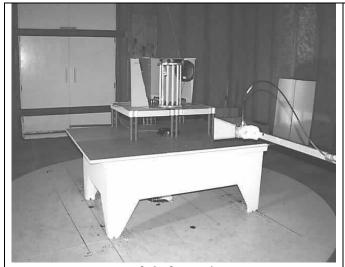
APPENDIX A, Conducted and Radiated Measurement Photos

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FCC ID: EHARFID2450PCC-5

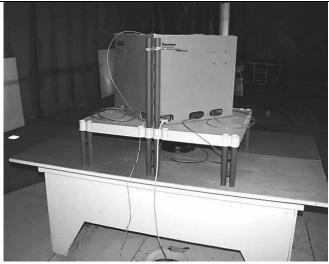
4 ANTENNA SYSTEM CONFIGURATIONS 2 AND 3



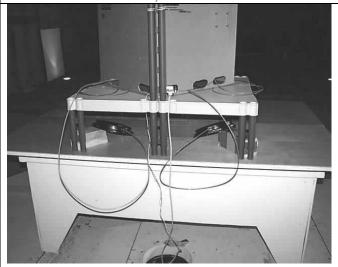
conf. 2, front view



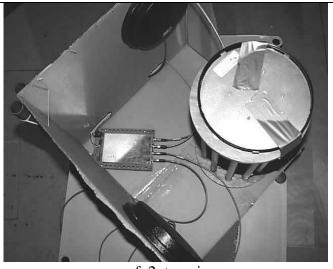
conf. 3, front view



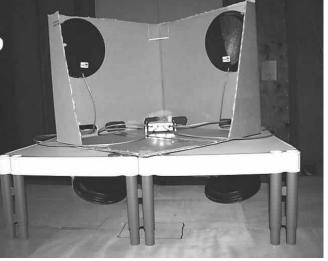
conf 2, back view



conf. 3, back view



conf. 2, top view



conf. 3, front view close up

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2450 PC Card Radio Module, FCC 15.247, Canada RSS-210, RSS-102

APPENDIX A, Conducted and Radiated Measurement Photos

REPORT NO: 010312-1 DATE: March 12, 2001

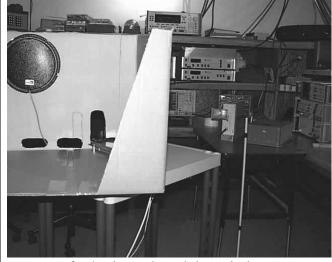
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FCC ID: EHARFID2450PCC-5

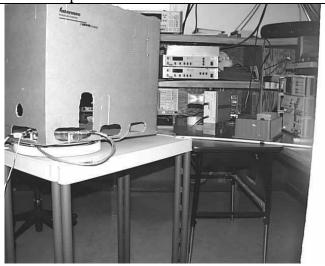
EMISSIONS ABOVE 18 GHZ, UNIT HORIZONTAL AND VERTICAL



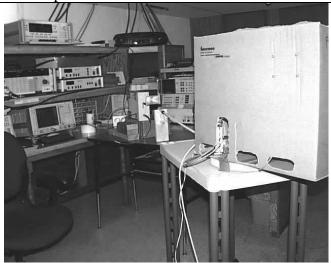
set up to check antenna emissions



set up for horizontal module emissions



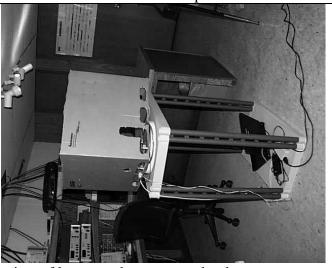
module horizontal and cable placement



module vertical and cable placement



view of vertical module emissions set up



view of laptop and power supply placement

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AC LINE CONDUCTED EMISSIONS

