

Sample Ticket Number: «Sample_Ticket_Number»
Date Sample(s) Received: «Date_Sample_Recieved»

Underwriters Laboratories Inc.
1285 Walt Whitman Road
Melville, New York 11747-3081
(516) 271-6200

**Report of Measurements
of Electromagnetic Compatibility Testing**

Test Report File No. : **NC3952** Date of issue: March 20, 2000
Applicant : Nortech International
Model / Serial No. : ATR430P/0990409984, FCC ID: OW9ATR430P
Product Type : Tag
Power Supply : 3V Lithium button cell
Manufacturer : Same as Applicant
License holder : Same as Applicant
Address : 32A Wiganthorpe Road
: Pietermaritzburg 3201 South Africa,
Test Result : ☒ **Positive** ☐ **Negative**
Test Project Number : 99ME43512
References(s)

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Underwriters Laboratories Inc. reports apply only to the specific samples tested under stated test conditions. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. Underwriters Laboratories Inc. shall have no liability for any deductions, inferences or generalizations drawn by the client or others from Underwriters Laboratories Inc. issued reports.

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File Number: NC3952

Issued: March 13, 2000

Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

1.0 GENERAL - Product Description

The Device Under Test Model ATR430P, Serial Number 0990409984 is a low power Receiver/Transmitter which is intended to be placed in an automobile and used as a means of identification when approaching a toll plaza.

1.1 Device Configuration During Test

The device Model ATR430P, Serial Number 0990409984 was placed on a wooden table and set to transmit continuously.

"The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report."

1.1.1 Deviations from ANSI C63.4 Standard Test Set-up

☒ None

☐ As described below:

1.2 Device Modifications Necessary for Compliance

☒ N/A

☐ As described below:

Environmental conditions in the lab:

Temperature:	<u>Range</u> 20-25°C
Relative Humidity	30 - 60 %
Atmospheric pressure	680 - 1060 mbar

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Technicians Name/Signature: _____/_____ **Date test performed:** _____
(print) (signature)

EMC TEST DATA PACKAGE

For

Nortech International

ATR430P/0990409984, FCC ID: OW9ATR430P Tag

Project Number: 99ME43512

File Number NC3952

Reviewer: Bob DeLisi/_____
(Signature)

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Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

2.0 EMISSIONS TEST REGULATIONS:

- | | | |
|--|---|----------------------------------|
| ☐ EN 50081-1 /1992 | | |
| ☐ EN 50081-2 /1993 | | |
| ☐ EN 55011 / 3.1991 | ☐ Group 1 | ☐ Group 2 |
| | ☐ Class A | ☐ Class B |
|
 | | |
| ☐ EN 55011/1998 | ☐ Group 1 | ☐ Group 2 |
| | ☐ Class A | ☐ Class B |
|
 | | |
| ☐ EN 55013 / 6.1990 | | |
| ☐ EN 55013/1997 | | |
| ☐ EN 55014-1: 1997 | ☐ Household appliances and similar | |
| | ☐ Portable tools | |
| | ☐ Semiconductor devices | |
|
 | | |
| ☐ EN 55015 / 1993 | | |
| ☐ EN 55020 / 1995 | | |
| ☐ EN 55022 / 4.1998 | ☐ Class A | ☐ Class B |
| ☐ EN60555-2/1987, EN60555-3/1987 | | |
| ☐ EN60601-1-2: 1993 | | |
| ☐ EN61000-3-2, 1995, EN61000-3-3, 1995 | | |
| ☐ VCCI | ☐ Class 1 | ☐ Class 2 |
| ☐ FCC Part, 15, Subpart B | ☐ Class A | ☐ Class B |
| ☒ FCC Part , 15, Subpart C Paragraph 15.231 | | |
| ☐ FCC Part 18 | | |
| ☐ CISPR 11 (1997) | | |
| ☐ CISPR 14-1(1998) | | |
| ☐ CISPR 22 | | |
| ☐ DENTORI | | |
| ☐ AS3548 | | |
| ☐ Bellcore GR-1089-CORE: Issue 2, 12/1997 with Rev. 1, 2/1999 | | |
| ☐ (OTHER) _____ | | |

2.1 EUT OPERATION MODE - EMISSIONS TESTS:

- | |
|--|
| ☐ Standby |
| ☐ Test program (H-Pattern) |
| ☐ Test program (color bar) |
| ☐ Test program (customer specific) |
| ☐ Practice operation |
| ☐ Normal operation Mode: |
| ☒ As per manufacturer's instructions |
| ☐ other |

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Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____/_____
(print) (signature)

Date test performed: _____

2.1.1 Conducted Emissions Tests:

☐ Test Applicable ☒ Test Not Applicable

2.1.2 Conducted Click Emissions Tests:

☐ Test Applicable ☒ Test Not Applicable

2.2.1 Reserved for Future Use

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Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

2.2.2 Radiated Emissions Test (10 Meter Semi-Anechoic Chamber):

☒ Test Applicable ☐ Test Not Applicable Test start time: _____

Test complete time: _____

Within Requirements Yes ☐ No ☐ (See attached Data Sheets)

All Data Pages located in Appendix A.

The measurement antenna distance ☒ 3 ☐ 10 meters from the EUT.

Tests were performed on the Transmitter in accordance with the limitations set forth by CFR47 FCC Part 15, Subpart B, Class B, Paragraph 15.231 and tested in accordance with the test procedures and methodologies in ANSI C63.4:1992.

Test equipment used for final radiated emissions tests:

☒ HP 8574A Hewlett-Packard EMI Receiver, Equipment No.: ME5A-461
Range: _____ Last Calibration Date: _____ Calibration Due Date: _____

Consisting of:

☒ HP - 8566B Hewlett-Packard Spectrum Analyzer,
Resolution BW: 1MHz
Video BW: 1MHz
☒ HP - 85662A Hewlett-Packard Analyzer Display
☒ HP - 85650A Hewlett-Packard Quasi-Peak Adapter,
BW: 120kHz
☒ HP - 85685A Hewlett-Packard Preselector

☐ R3261C Advantest Spectrum Analyzer Equipment No.: ME5A-228
Resolution BW: 1MHz
Video BW: 1MHz
QP BW: 120kHz

Range: _____ Last Calibration Date: _____ Calibration Due Date: _____

☐ R3551 Advantest Pre-Selector Equipment No.: ME5A-229

Range: _____ Last Calibration Date: _____ Calibration Due Date: _____

For Measurements above 1GHz: (1-5GHz)

☒ HP - 8566B Hewlett-Packard Spectrum Analyzer, Equipment No.: ME5A-461
Resolution BW: 1MHz
Video BW: 1MHz

Range: _____ Last Calibration Date: _____ Calibration Due Date: _____

☒ HP - 85662A Hewlett-Packard Analyzer Display Equipment No. ME5A-461

Last Calibration Date: _____ Calibration Due Date: _____

Test Accessories:

☐ 3104C EMCO Biconnical Antenna Equipment No.: ME5-810

Last Calibration Date: _____ Calibration Due Date: _____

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Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____/_____ **Date test performed:** _____

	(print)	(signature)	
☒ 94455-1	Ailtech	Biconnical Antenna	Equipment No.: ME5-439
Last Calibration Date:_____		Calibration Due Date:_____	
☒ 3146	EMCO	Log Periodic Antenna	Equipment No.: ME5-451
Last Calibration Date:_____		Calibration Due Date:_____	
☐ 3146	EMCO	Log Periodic Antenna	Equipment No.: ME5-811
Last Calibration Date:_____		Calibration Due Date:_____	
☐ 3142	EMCO	BiconiLog Antenna	Equipment No.:ME5A-131
Last Calibration Date:_____		Calibration Due Date:_____	
☐ 3142	EMCO	BiconiLog Antenna	Equipment No.:ME5A-261
Last Calibration Date:_____		Calibration Due Date:_____	

2.2.3 RFI Power Measurements:

☐ Test Applicable ☒ Test Not Applicable

2.2.4 Harmonic Disturbances:

☐ Test Applicable ☒ Test Not Applicable

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Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

2.3 EMISSIONS TEST RESULTS

☐ Conducted Emissions

☐ Voltage(Section 2.1.1)

☐ MET

☐ NOT MET

☐ Current(Section 2.1.1)

☐ MET

☐ NOT MET

☐ Clicks(Section 2.1.2)

☐ MET

☐ NOT MET

☒ Radiated Emissions(Section 2.2.2)

☒ MET

☐ NOT MET

☐ RFI Power(Section 2.2.3)

☐ MET

☐ NOT MET

☐ Harmonic Disturbances

☐ Steady State(Section 2.2.4)

☐ MET

☐ NOT MET

☐ Fluctuating(Section 2.2.4)

☐ MET

☐ NOT MET

The tractability of the measurements contained in this report is achieved by the use of calibrated equipment which is traceable back to NIST.

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Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

3.0 IMMUNITY TEST REGULATIONS:

- ☒ NOT APPLICABLE
- ☐ EN50082-1: 1992 (Date of Withdrawal: 2001 - 07 - 01)
- ☐ EN50082-1: 1997
- ☐ EN50082-2: 1995
- ☐ EN55014-2: 1997
- ☐ EN55014-2: 1998
- ☐ CISPR 14-2: 1997
- ☐ FDA - Reviewer Guide
- ☐ Bellcore GR-1089-CORE: Issue 2, 12/1997 with Rev. 1, 2/1999
- ☐ EN 60601-1-2: 1993

In accordance with:

- | | | |
|--------------------------------------|--|---------------------------------|
| ☐ IEC 801-2, | ☐ IEC 1000-4-2 | Electrostatic Discharge (ESD) |
| ☐ IEC 801-3, | ☐ ENV50140 | RF Immunity |
| ☐ IEC 801-4, | ☐ IEC 1000-4-4 | Electrical Fast Transient (EFT) |
| ☐ IEC 801-5, | ☐ IEC 1000-4-5 | Surge (Lighting) |
| ☐ IEC 801-6, | ☐ ENV50141 | Conducted Immunity |
| ☐ IEC 801-11, | ☐ IEC 1000-4-11 | Voltage Dips and Interruptions |

3.1 EUT OPERATION MODE - IMMUNITY TESTS:

- ☐ Standby
- ☐ Test program (H-Pattern)
- ☐ Test program (color bar)
- ☐ Test program (customer specific)
- ☐ Practice operation
- ☐ Normal operating Mode:
- ☐ As per manufacture's instructions

File Number: NC3952

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Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

3.1.1 Electrostatic Discharge (ESD) Test:

☐ Test Applicable ☒ Test Not Applicable

3.1.2 Radiated Field (RF Immunity) Test:

☐ Test Applicable ☒ Test Not Applicable

3.1.3 Electrical Fast Transient (EFT)/Burst test:

☐ Test Applicable ☒ Test Not Applicable

3.1.4 Voltage Surge Test:

☐ Test Applicable ☒ Test Not Applicable

3.1.5 Conducted Immunity Test:

☐ Test Applicable ☒ Test Not Applicable

3.1.6 Voltage Dips and Interruptions:

☐ Test Applicable ☒ Test Not Applicable

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Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

4.0 SUMMARY:

The equipment under test has

☒ met the technical requirements as defined under section(s) ☒ 2.0 and ☐ 3.0

☐ not met the technical requirements as defined under section(s) ☐ 2.0 and ☐ 3.0.

Test Start Date: 11/30/99

Test Completion Date: 2/4/00

- UNDERWRITERS LABORATORIES, INC. -

Project Engineer

Reviewer

William Wack (Ext.23057)
EMC Associate Project Engineer
International EMC & NEBS Services
Conformity Assessment Services-3014AMEL

Bob DeLisi (Ext.22452)
EMC Engineering Group Leader
International EMC & NEBS Services
Conformity Assessment Services-3014AMEL

File Number: NC3952

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Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

APPENDIX A

EMISSIONS TEST DATA

1. ☐ Conducted Emissions ☐ voltage ☐ current
 - ☐ Peak traces, Data Pages A___ and/through A___
 - ☐ Quasi-Peak traces, Data Pages A___ and/through A___
 - ☐ Average traces, Data Pages A___ and/through A___
- ☐ Discontinuous Interference (Clicks)
 - ☐ No clicks exceeded the steady state quasi-peak limit
 - ☐ Clicks exceeded the steady state quasi-peak limit. The limit was adjusted to _____dB and no clicks exceeded the adjusted limit.
 - ☐ Clicks exceeded the adjusted limit. See Data Page A___ for details.
2. ☒ Radiated Emissions
 - ☒ Peak traces, Data Page A1 and A4.
 - ☐ Quasi-Peak traces, Data Pages A___ and/through A___
 - ☐ Average traces, Data Pages A through A.
 - ☒ Discrete Peak Frequencies, Data Page A2 and A5.
 - ☒ Discrete Average Frequencies Data, Data Page A3.
 - ☒ Bandwidth and Transmitter Data Page A6.
3. ☐ RFI Power Measurements
 - ☐ Peak traces, Data Pages A___ and/through A___
 - ☐ Quasi-Peak traces, Data Pages A___ and/through A___
 - ☐ Average Traces, Data Pages A___ and/through A___
4. ☐ Harmonic Disturbances
 - ☐ Steady State Harmonics, Data Pages A___ and/through A___
 - ☐ Fluctuating Harmonics, Data Pages A___ and/through A___
 - ☐ Changing Voltage, Data Pages A___ and/through A___

File Number: NC3952

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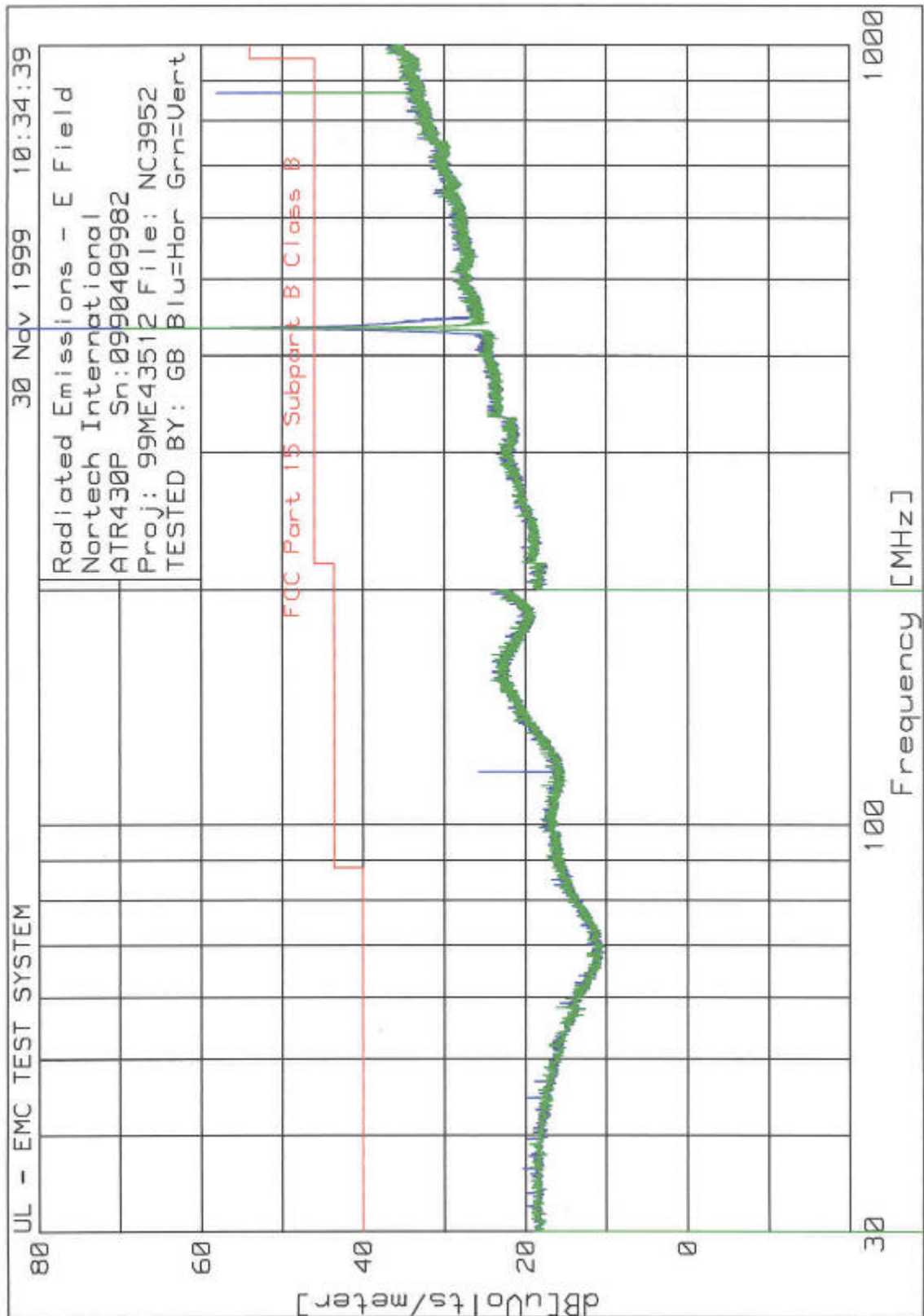
Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____



Underw

File Number: NC3952

Issued: March 13, 2000

Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

UL – EMC TEST SYSTEM

Nortech International
ATR430P Sn: 0990409982
Project: 99ME43512 File: NC3952
Tested by : GB B1u=Hor Gm=Vert

Date Tested: 30 Nov 1999
10 : 34 : 39

MKR NO.	TEST FREQUENCY [MHz]	METER READING [dB (uV)]	GAIN/ LOSS FACTOR [dB]	TRANSDUCER FACTOR [dB]	LEVEL	1	2	3	4
						DB [uVolts / meter]			
1	47.01800	5.1 pk	.4	12.2	17.7	40.0	N/A	N/A	N/A
2	116.6346	14.8 pk	.8	10.2	25.8	43.5	N/A	N/A	N/A
3	433.6996	65.9 pk	1.8	16.7	84.4	80.8	N/A	N/A	N/A
4	433.6996	51.1 pk	1.8	16.7	69.6	80.8	N/A	N/A	N/A
5	867.1397	32.1 pk	2.7	23.3	58.1	60.8	N/A	N/A	N/A
6	867.0727	23 pk	2.7	23.3	49	60.8	N/A	N/A	N/A

pk - Peak detector
qp - Quasi-peak detector
av - Average detector
tm - Trace Math Result

LIMIT 1 : FCC Part 15 Subpart C
LIMIT 2 : NONE
LIMIT 3 : NONE
LIMIT 4 : NONE

Measurements 3 & 4 are Fundamental Frequency
Measurements 5 & 6 are Second Harmonic Frequency

File Number: NC3952

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Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

UL – EMC TEST SYSTEM

Nortech International
ATR430P Sn: 0990409982
Proj : 99ME43512 File: NC3952
Tested By : GB Blu=Hor Grn=Vert
Average Measurements

Date Tested : 30 Nov 1999
10:34:39

DATA POINT [No.]	TEST FREQUENCY [MHz]	METER READING [dB(uV)]	GAIN/ LOSS FACTOR [dB]	TRANSDUCER FACTOR [dB]	LEVEL	Level Limits			
						1	2	3	4
						dB [uVolts/meter]			
1	433.89231	28.2	1.8	16.7	46.7	80.8	0.0	0.0	0.0
Azimuth : 8	Height : 100 H			Margin [dB]		-34.1	---	---	---
2	433.89448	21.6	1.8	16.7	40.1	80.8	0.0	0.0	0.0
Azimuth : 73	Height : 237 V			Margin [dB]		-40.7	---	---	---
3	867.78381	12.20	2.7	23.3	38.2	60.8	0.0	0.0	0.0
Azimuth : 12	Height : 108 H			Margin [dB]		-22.6	---	---	---
4	867.78964	8.7	2.7	23.3	34.7	60.8	0.0	0.0	0.0
Azimuth : 80	Height : 171 V			Margin [dB]		-26.1	---	---	---

H - indicates horizontal antenna polarization
V - indicates vertical antenna polarization

LIMIT 1 : FCC Part 15 Subpart C
LIMIT 2 : NONE
LIMIT 3 : NONE
LIMIT 4 : NONE

Measurements 1 & 2 are Fundamental Frequency
Measurements 3 & 4 are Second Harmonic Frequency

File Number: NC3952

Issued: March 13, 2000

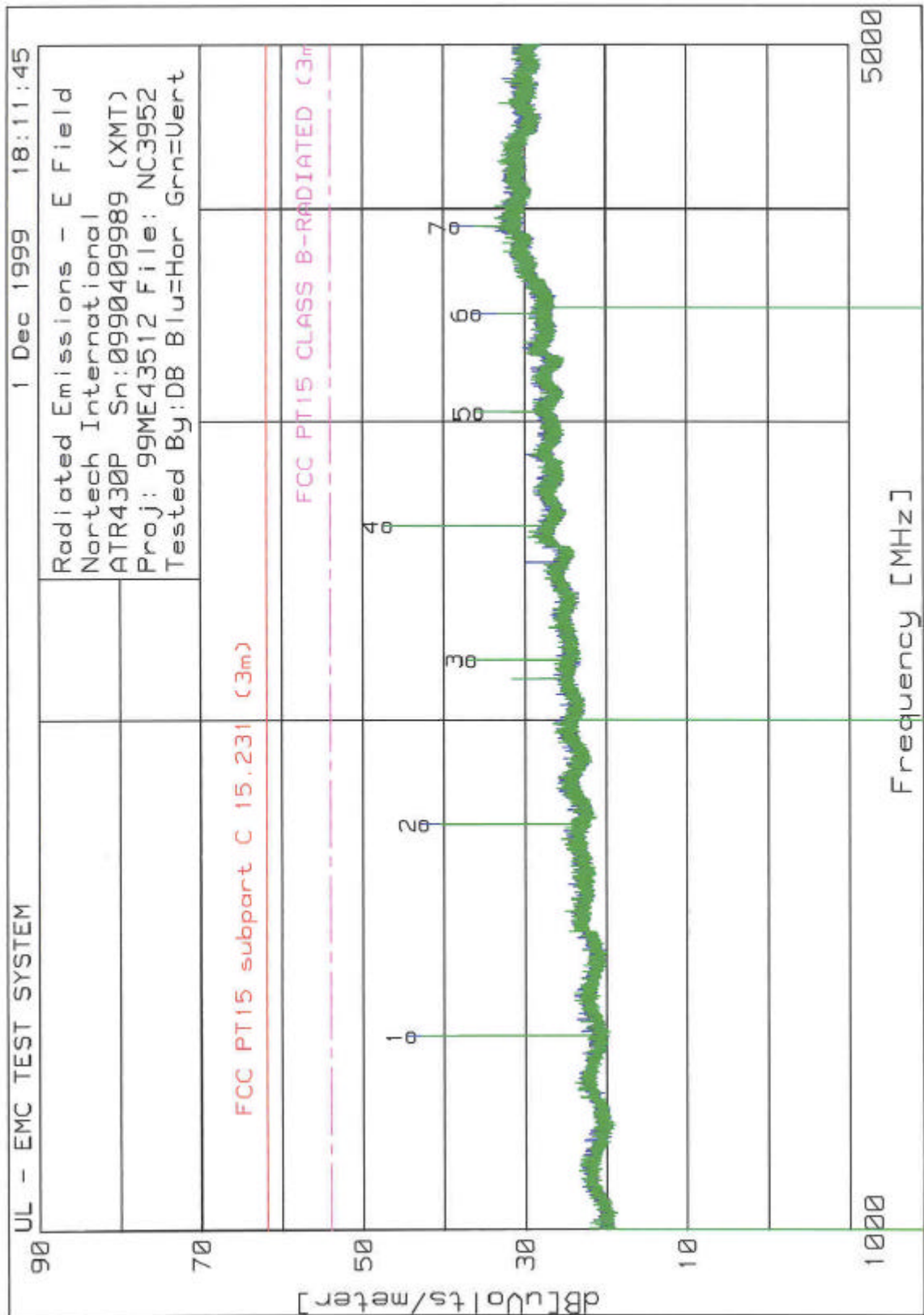
Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____



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Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

UL - EMC TEST SYSTEM

Date Tested: 1 Dec 199
18:11:45

Nortech International
ATR430P Sn:0990409989 (XMT)
Proj: 99ME43512 File: NC3952
Tested By:DB Blu=Hor Grn=Vert

MKR	TEST	METER	GAIN/LOSS	TRANSDUCER	LEVEL	LIMIT:1	2	3	4
NO.	FREQUENCY	READING	FACTOR	FACTOR		dB[uVolts/meter]			
	[MHz]	[dB(uV)]	[dB]	[dB]					
1	1301.449	53.4 pk	-34.8	25.9	44.5	61.9	54	N/A	N/A
2	1735.015	49.1 pk	-34.2	27.9	42.8	61.9	54	N/A	N/A
3	2169.424	40.8 pk	-33.7	29.9	37	61.9	54	N/A	N/A
4	2603.053	49.4 pk	-33.3	31.2	47.3	61.9	54	N/A	N/A
5	3036.307	36.1 pk	-31.9	31.8	36	61.9	54	N/A	N/A
6	3471.206	35 pk	-31.2	32.5	36.3	61.9	54	N/A	N/A
7	3905.064	33.3 pk	-29.3	34.9	38.9	61.9	54	N/A	N/A

pk - Peak detector
qp - Quasi-peak detector
av - Average detector
tm - Trace Math Result

LIMIT 1 : FCC PT15 subpart C 15.231 (3m)
LIMIT 2 : FCC PT15 CLASS B-RADIATED (3m)
LIMIT 3 : NONE
LIMIT 4 : NONE

File Number: NC3952

Issued: March 13, 2000

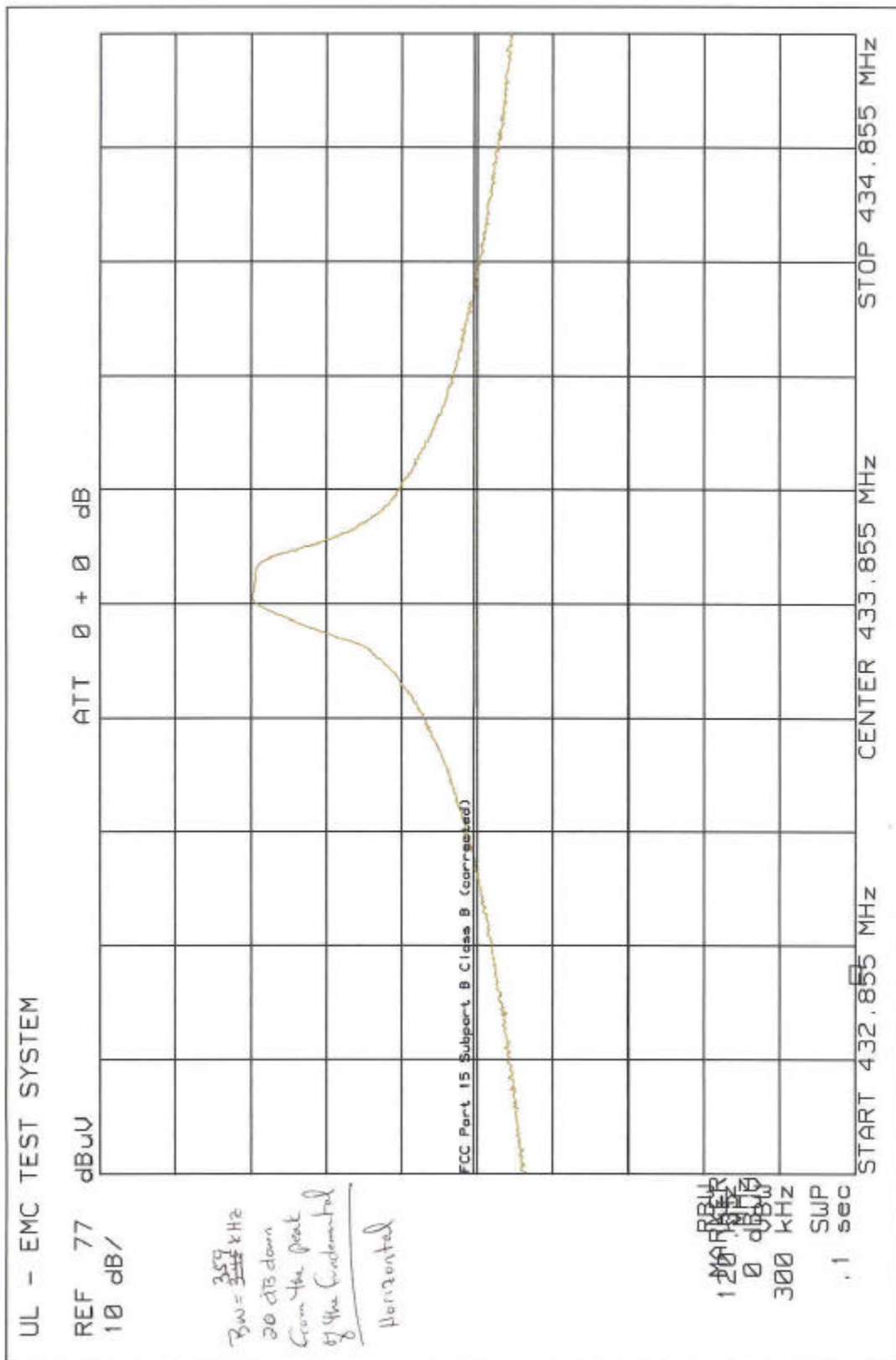
Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____



Unc

File Number: NC3952

Issued: March 13, 2000

Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____/_____ **Date test performed:** _____
(print) (signature)

APPENDIX B

PHOTOGRAPHS AND DIAGRAMS

Issued: March 13, 2000

Issued: March 13, 2000

Issued: March 13, 2000

Issued: March 13, 2000

Date test performed: _____

Date test performed: _____

Date test performed: _____

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

Date test performed: _____

Issued: March 13, 2000

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Technicians Name/Signature: _____ / _____
 (print) (signature)

Date test performed: _____

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

TEST	DATE	TESTED BY:	COMMENTS
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File Number: NC3952

Issued: March 13, 2000

Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____/_____ **Date test performed:** _____
(print) (signature)

	COMPLETED		
CONDUCTED EMMISSIONS			
CLICKS			
RADIATED EMISSIONS			
RFI			
HARMONICS			
ESD			
RADIATED IMMUNITY			
EFT			
SURGE			
CONDUCTED IMMUNITY			
DIPS AND SAGS			
MAGNETIC FIELD IMMUNITY			
QUASI-STATIC IMMUNITY			

File Number: NC3952

Issued: March 13, 2000

Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____/_____
(print) (signature)

Date test performed: _____



RADIATED EMISSIONS 30 MHz – 1,000 MHz

File Number: NC3952

Issued: March 13, 2000

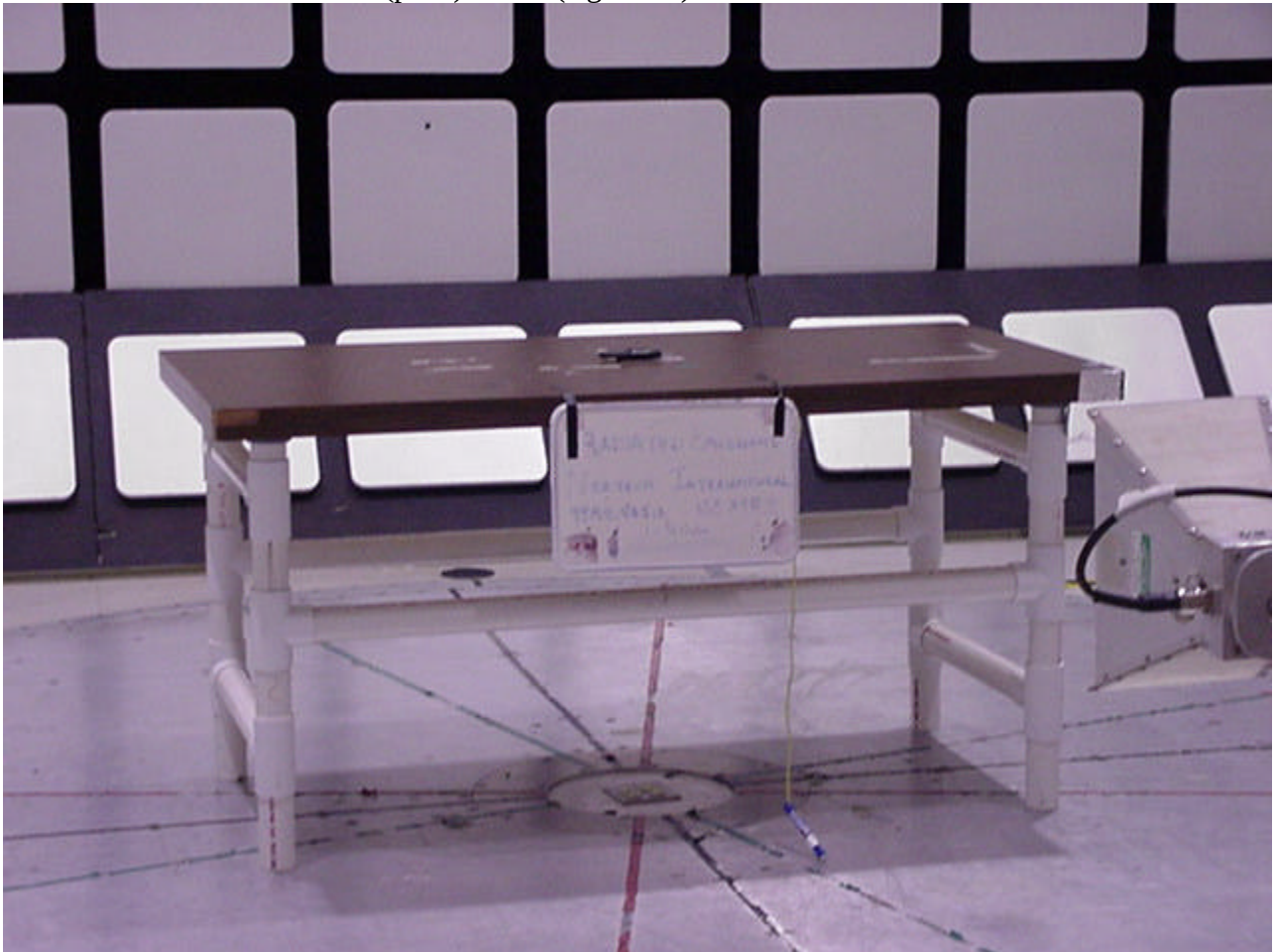
Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____/
(print) (signature)

Date test performed: _____



RADIATED EMISSIONS 1 – 5 GHz

File Number: NC3952

Issued: March 13, 2000

Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____/_____

Date test performed: _____

(print) (signature)



RADIATED EMISSIONS

File Number: NC3952

Issued: March 13, 2000

Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____/_____
(print) (signature)

Date test performed: _____

Nortech International
Tag Unit
Model ATR430P
Exterior Top



File Number: NC3952

Issued: March 13, 2000

Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____



File Number: NC3952

Issued: March 13, 2000

Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

Nortech International
Tag Unit
Model ATR430P
Interior View



File Number: NC3952

Issued: March 13, 2000

Project Number: 99ME43512

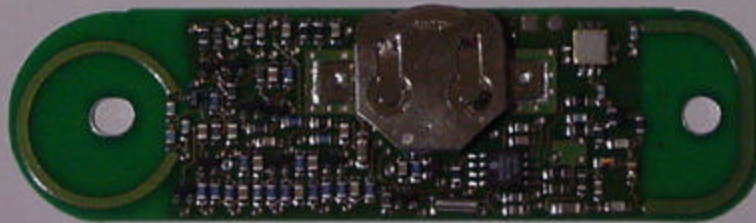
Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

Nortech International Tag Unit Model ATR430P PC Board Top Side



File Number: NC3952

Issued: March 13, 2000

Project Number: 99ME43512

Model Number: ATR430P/0990409984, FCC ID: OW9TR430P

Sample Ticket Number: «Sample_Ticket_Number» Date Sample(s) Received:«Date_Sample_Recieved»

Technicians Name/Signature: _____
(print) (signature)

Date test performed: _____

Nortech International Tag Unit Model ATR430P PC Board Underside

