

Summary of Test Results  
in accord with FCC Rules Part 15 and C63.4-2001

Equipment Model: DNT00088

Transmitter Tested to C63.4-2001 Section: FCC Rules 15.231

Field Strength at a distance of 3 meters: 3127 uV/Mtr (-5 dB below limit) @ 303.875 MHz

Peak to Average Ratio: 15.6 dB - Fixed Duty Cycle

Test Conditions: Radiated (Sections 11 & 13)

Transmitter:  
Transmitter Frequency: 303.875 MHz Nominal (Factory Tuned Only)

Bandwidth (20 dB down) < 0.020% of Center Freq.

Frequency Tolerance: N/A (Nominal +/- 0.125 MHz)

Frequency Stability: N/A (Nominal +/- 0.125 MHz)

Transmitter Spurious at 3 meters:  
(Worst Harmonic) 302 uV/Mtr (-5.3 dB below limit)

Frequency: 1215 MHz

Momentary Operation (Yes/No) Yes

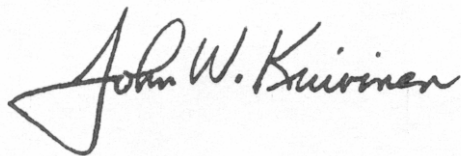
Holdover time after manual release: 0.0 seconds

Duration of transmission after activation: 30 seconds maximum on any single manual activation

Attestation:

The radio apparatus identified in the application has been subject to all the applicable test conditions specified in FCC Rules Part 15 and all of the requirements of the Standard have been met.

Regulatory Compliance Engineer



John W. Kuivinen, P.E. \_\_\_\_\_

Date: December 5, 2003

**Radio Standard Specification  
Low Power Communication Devices  
C63.4-2001 and FCC Rules Part 15**

1.0 General:

1.2, Exclusions to TV Broadcast Freq. Complies

2.0 Related Documents:

Reference Documents for Application: CFR 47, FCC Rules Part 15

3.0 Test Equipment:

Supply Voltage: One 2025 - 3 volt lithium battery

Test Equipment List See Section 6

Signal Detector: Peak with 15.6 dB peak to average conversion.

4.0 Certification and Test Results:

Summary of Results per See Page 1 of this Report

5.0 General Technical Requirements:

5.1 Testing Methods: Peak Signal pulse position modulated A1D signal.

5.1 Reference Standard: C63.4-2001 (FCC Procedure)

5.2 Modulation: Pulse Position 20K0 A1D, AM Modulation

5.3 Type of Antenna: Integral to Transmitter Case - Tuned Loop

5.4 External Controls: Push Button  
No user serviceable parts.

5.5 Accessories: NONE

5.6 TX Bandwidth: <0.020 % (See Section 8)

5.7 Equipment Labels: See Section 2

5.8 Manual Disclaimer: See attached draft copy of manual

5.9 Usage Restrictions: Digital Pulse Code Only

## 6.0 Transmitter Characteristics and Tests:

|   |   |
|---|---|
| 6.1 Momentary Operated Devices:           | Complies  |
| 6.1(a) Types of Signals:                  | Manual Push to Transmit                                   |
| 6.1(a) Automatic Activation:              | N/A   |
| 6.1(a) Five Second Max. upon release:     | Complies  |
| 6.1(b) Field Strengths:                   | Table 1 303.875 MHz = 5583 uV/Mtr maximum at 3 meters.    |
| 6.1(c) Bandwidth (20 dB down)             | <0.020 % Complies   |
| 6.1(d) Frequency Stability                | N/A per regulations<br>+/- 0.125 MHz SAW Based Oscillator |
| 6.1(e) Reduced Field Strength             | N/A   |
| 6.2 Non-Momentary Operated Devices:       | N/A   |
| 6.2.1 Frequency Bands:                    | Refer to Table 1  |
| 6.3 Restricted Bands:                     | Complies  |
| 6.5 Pulsed Operation:                     | Complies (15.6 dB Peak/Average)<br>See Section 8          |
| 6.6 Wireline Conducted Emissions:         | N/A   |
| 7.0 Receivers                             | N/A   |
| 8.0 Self Certification:                   | N/A   |
| 9.0 AC Wireline Conducted Emissions:      | N/A   |
| 10.0 Terminated Measurement Method:       | N/A   |
| 11.0 Radiated Measurement Method:         | See Section 8   |
| 11.1 Measuring Distance:                  | Complies  |
| 11.2 Open Field Test Site:                | Complies, C63.4-2001                                      |
| 11.3 Equipment Test Platform:             | See Section 8   |
| 11.4 Measurement Method:                  | Complies, See Section 8                                   |
| 12.0 DC Power Consumption Methods:        | N/A   |
| 13.0 Near Field Measurement for < 30 MHz: | N/A   |
| 14.0 Test Report Submission:              | See Attached  |

# REPORT OF MEASUREMENTS

LINEAR CORPORATION  
FCC ID: EF4 DNT00088  
Model: MX-62 Emergency Reporting Transmitter

The enclosed documents reflect the requirements contained generally within the code of Federal Regulations, Title 47, Parts 2 and 15 as most recently published October 1, 2003 and all other applicable revisions made by the Commission since that time.

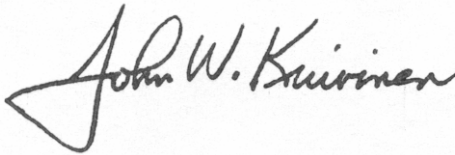
The specific rule sections for which the enclosed documents demonstrate compliance or rely upon to demonstrate compliance with the Commission's application and technical standards are as follows:

15.201-15.207, 15.231, Subpart C, Intentional Radiators.

Test Procedure C63.4-2001, Section 13, Measurement of Intentional Radiators was used for the testing of this device.

In accord with Section 2.948 of the Commission's Rules, a Test Site submittal is on file with the commission and a Letter of Acceptance dated March 23, 2001 (File 90767) is a portion of the Commission's records.

All of the information contained within this documentation is true, correct, and complete to the best of my knowledge.



\_\_\_\_\_  
John W. Kuivinen, P.E.  
Regulatory Compliance Engineer

\_\_\_ December 5, 2003 \_\_\_  
Date

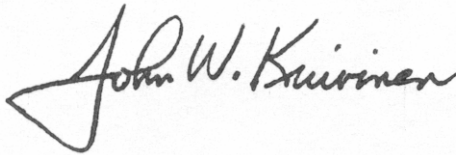
# DURATION OF RF TRANSMISSIONS

## MX-62

### EMERGENCY REPORTING TRANSMITTER

This transmitter is manually activated. It is used only for emergency signal of an emergency reporting console. As such, it may be operated continuously by the user (FCC Rules 15.231(a)(4)). However, due to battery constraints and an accidental continuous activation causing interference to the system, the maximum manually activated transmission for a single press of a pushbutton is 30 seconds.

When the push button is released the transmitter ceases transmitting immediately. FCC Rules 15.231 (a)(1) allows no longer than 5 seconds upon the release of a manually activated transmitter.

A handwritten signature in black ink that reads "John W. Kuivinen". The signature is written in a cursive style with a large, stylized initial 'J'.

Signed:

John W. Kuivinen, P.E.  
Regulatory Compliance Engineer

# TESTING INSTRUMENTATION AND EQUIPMENT LIST

## SPECTRUM ANALYZERS:

|      |                |               |       |
|------|----------------|---------------|-------|
| H.P. | HP8562A        | 1KHz to 22GHz |       |
|      | S/N 2913A03742 | Calibrated    | 02/03 |
|      |                | Due           | 02/04 |

## ANTENNAS:

|     |                             |                 |              |
|-----|-----------------------------|-----------------|--------------|
| (2) | Ailtech DM105A T1           | 20-200 MHz      | Tuned Dipole |
|     | S/N 93412-105 and 93412-114 | Calibrated 3/03 | Due: 3/04    |
| (2) | Ailtech DM105A T2           | 140-400 MHz     | Tuned Dipole |
|     | S/N 93413-113 and 93413-117 | Calibrated 3/03 | Due: 3/04    |
| (2) | Ailtech DM105A T3           | 400-1000 MHz    | Tuned Dipole |
|     | S/N 93413-105 and 93414-111 | Calibrated 3/03 | Due: 3/04    |
| (2) | AH Systems SAS-200/511      | 1-12.4 GHz      | Log Periodic |
|     | S/N 118 and 124, P/Ns 2069  |                 |              |
| (1) | AH Systems SAS-200/540      | 20-330 MHz      | Biconical    |
|     | S/N 367 P/N 2052            |                 |              |

## INSTRUMENTATION:

|               |   |                   |      |
|---------------|---|-------------------|------|
| H.P.          | HP8656B RF Generator  | 100 KHz - 990 MHz |      |
|               | S/N A4229590  | Calibrated        | 3/03 |
|               |   | Due               | 3/04 |
|               | Solar Electronics Line Impedance Stabilization Network, Type 8012-50-R-24-BNC | Calibrated:       | 3/03 |
|               | S/N 8379585   | Due:              | 3/04 |
| HP 8447D      | Broadband preamplifier, 0.1-1300 MHz  |                   |      |
|               | S/N 2443A03660  | Calibrated: 3/03  |      |
|               |   | Due: 3/04         |      |
| Mini-Circuits | ZFL-2000 broadband preamplifier, 10-3000 MHz                                  |                   |      |
|               | S/N Lin 001   | Calibrated: 3/03  |      |
|               |   | Due: 3/04         |      |

## ACCESSORIES:

(2) Ailtech Rulers calibrated in MHz  
4 Meter ABS Antenna Mast and Trolley  
Tektronix C5C Scope Camera  
Eighty Centimeter Tall, Motorized Wooden Turntable  
BNC to BNC Cables - as-required

(2) 25' RG-214/U Low-loss Coaxial Cable  
S/N- LIN001 & LIN002 Calibrated: 3/03  
Due: 3/04

(2) 3' RG-55/U Low-loss Coaxial Cable, calibrated as part of the preamplifiers.  
Automatically taken into account when used with the above itemized range preamplifiers.

**MEASUREMENT OF RADIO FREQUENCY EMISSION  
OF CONTROL AND SECURITY ALARM DEVICES  
FCC RULES PART 15, C63.4-2001 TEST PROCEDURE**

**I. INTRODUCTION**

As part of a continuing series of quality control tests to ensure compliance with all applicable Rules and Regulations, this enclosure details the test procedures for certain radio control devices. Testing was performed at a test site located on the property of Linear Corporation, 2055 Corte del Nogal, Carlsbad, California 92009.

**II. MEASUREMENT FACILITY DESCRIPTION**

The test facility is a specially prepared area adequately combining the desirability of an interference free location with the convenience of nearby 120 volt power outlets, thus completely eliminating the incidence of inverter hash, so often a problem with field measurements.

**III. DESCRIPTION OF SUPPORTING STRUCTURES**

For Measuring Equipment - The antenna is supported on a trolley that can be raised and lowered on a mast by means of remote control to any level between 1 meter and 4 meters above the ground. For measurements at 3 meters, an antenna height (center of dipole) of about 1 meter generally yields the greatest field strength. For measurements at 1 meter, an antenna height equal to the device under test generally yields the greatest field strength. Usually, horizontal polarization yields the greatest field strength for both 1 and 3 meter measurements.

For Equipment Under Test (EUT): The equipment to be tested is supported by a wooden turntable at a height of eighty centimeters. A two axis swivel at the top of the turntable permits the unit under test to be manually oriented in the position of maximum received signal strength. The turntable can be rotated by remote control.

Test Configuration - All transmitters were located eighty centimeters above ground, at a distance of three meters from the antenna. They were each oriented for maximum radiation by rotating the turntable. The antenna was then moved vertically along the mast for optimum reception in both horizontal and vertical planes. Where no emissions were found, the antenna was also moved to one meter distance to improve system sensitivity.

All receivers were located eighty centimeters above ground, at a distance of three meters from the antenna. They were each oriented for maximum radiation by rotating the turntable. The antenna was then moved vertically along the mast for optimum reception in both horizontal and vertical planes. Generally, emissions were very close to the observed spectrum analyzer noise floor, making accurate measurement difficult because of the analyzer detector's characteristic of adding signal and noise. To better observe and measure emissions well above the noise floor, the antenna was moved in to one meter. This provides a theoretical 9.54 dB improvement in received field strength, but a possible shift from far field to near field antenna characteristics may introduce an unknown error in measurement.

All transmitters and receivers tested are typical of production units.

A Hewlett-Packard spectrum analyzer consisting of an 8562A mainframe is used for the field strength meter. A set of Ailtech DM-105 series dipoles are used for the receiving antennas up to 1 GHz. An A.H. Systems model SAS-200/511 log periodic antenna is used from 1 to 5 GHz. Since the published antenna factor includes the small amount of balun loss, this factor is not included in the equations for correcting measured values. The cable loss is added to the raw data. For measurements up to 1.3 GHz, a Hewlett-Packard 8447D broadband RF preamplifier is inserted between the antenna cable and spectrum analyzer input to ensure adequate system sensitivity while measuring.

From 1.3 GHz to 3 GHz, a Mini-Circuits ZFL-2000 broadband RF preamplifier is used instead of the HP 8447D. In many cases, the antenna is moved in to a distance of 1 meter to enhance test range sensitivity after the 3 meter data is observed. A theoretical 9.54dB improvement is realized. Please see Excel data spreadsheet for details. For a particular device and frequency, the EUT to antenna distance is specified in the Report of Measurements.

Correction of Measured Values - The spectrum analyzer calibration is in units of dBm absolute. Published antenna factor, measured cable loss and preamplifier gain are in units of dB. All equipment is referenced to a 50 ohm characteristic impedance; therefore, any impedance terms will factor out of any calculations. Also, balun loss is included in the antenna factor, so this term will not appear in any calculation.

To obtain field strength, the reference (50 ohm system)  $1 \mu\text{V} = 0 \text{ dBuV} = -107 \text{ dBm}$  is used.

For a given frequency: antenna factor, cable loss, preamplifier gain (if used) and a 9.54 dB gain factor (3 meters to 1 meter field strength conversion) when required are factored into the spectrum analyzer reading, resulting in a field strength in units of dBm.

Field strength reading (dBm) + 107 dB = dBuV, using  $0 \text{ dBuV} = 1 \mu\text{V}/\text{meter}$  at a specified distance as reference.

All of the equipment was calibrated to NBS-traceable factory specifications prior to the date of measurement.

#### IV MEASUREMENT PROCEDURE

##### Transmitters

1. Set the DIP-switch rockers of the transmitter (if needed) to all ON, jam the button in the ON position, and place the transmitter on the test stand.
2. Tune the antenna (if required).
3. Tune the spectrum analyzer.
4. Adjust the antenna height and polarization for peak field strength.
5. Rotate the turntable to orient the transmitter for the highest reading.
6. Record the observed peak emission.
7. Record the screen image (if required).

Spectrum Analyzer Control Settings:

|                   |   |
|-------------------|---|
| Tuning:           | As required   |
| Bandwidth         | 100 KHz for Field Strength,   |
| Scan Width:       | 100 KHz/div (may be different when tuning or adjusting display for photographs) |
| Input Attenuator: | 10 dB   |
| Scan Time:        | 50 mSec. sweep  |
| Reference Level:  | 0 dBm   |
| Display Mode:     | Log 10 dB/division  |
| Video Filter:     | OFF   |
| Scan Mode:        | Internal  |
| Scan Trigger:     | Auto  |



| REPORT OF MEASUREMENTS   |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
|--|------------------------|-------------------|---------------|-------------------|-------------------|---------------|-------------|-------------|---------------|------------------------|----------------|----------------|--------|-----------|---|
| Applications for control, security alarm, door opener or remote switch   |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
| Description: 303.875 MHz transmitter Megacode non-supervised, Unit No. 2 |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
| DATE: December 5, 2003   |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
| ITEM TESTED: MX-62 Transmitter   |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
| MANUFACTURER: Linear Corporation   |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
| TRADE NAME: N/A  |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
| PRODUCT ID: EF4 DNT00088   |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
| DISTANCE AT WHICH MEASURED: 3 meters, DUT 0.6 meter above ground         |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
| REFERENCE: 15.231(e,b,c)*  |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
| MEASUREMENT PROCEDURE: C63.4-1992 2001                                   |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
| RADIATION: per 15.201  |                        |                   |               |                   |                   |               |             |             |               |                        |                |                |        |           |   |
| A  | B                      | C                 | D             | E                 | G                 | H             | I           | J           | K             | L                      | M              | N              | O      | P         | Q |
| Tuned Frequency MHz  | Emission Frequency MHz | Ambient Level dBm | FCC Limit dBm | Meter Reading dBm | Antenna Factor dB | Cable Loss dB | Amp Gain dB | Dist Fac dB | Duty Cycle dB | Field Strength dBm/mtr | FCC Limit uV/M | FCC Limit uV/M | dB:FCC | FREQ. MHz |   |
| 303.875  | 303.88                 | -98.80            | -8.66         | -13.7             | 18.2              | 1.2           | 27.2        | 0.00        | 15.6          | -37.10                 | 69.90          | 3126.08        | -5.04  | 303.88    |   |
|  | 607.75                 | -90.20            | -37.27        | -48.2             | 25.6              | 1.7           | 26.5        | 0.00        | 15.6          | -63.00                 | 44.00          | 156.49         | -10.93 | 607.75    |   |
|  | 911.63                 | -86.00            | -41.47        | -62.7             | 28.1              | 2.2           | 26.3        | 0.00        | 15.6          | -73.30                 | 33.70          | 48.42          | -21.23 | 911.63    |   |
|  | 1215.50                | -82.20            | -45.27        | -52.0             | 26.5              | 2.6           | 20.3        | 0.00        | 15.6          | -58.80                 | 46.20          | 257.04         | -6.73  | 1215.50   |   |
|  | 1519.38                | -89.14            | -38.33        | -48.4             | 28.2              | 3.0           | 19.8        | 9.54        | 15.6          | -62.14                 | 44.86          | 174.96         | -10.07 | 1519.38   |   |
|  | 1823.25                | -87.04            | -40.43        | -51.6             | 28.7              | 3.3           | 18.5        | 9.54        | 15.6          | -63.24                 | 43.76          | 154.17         | -11.17 | 1823.25   |   |
|  | 2127.13                | -85.14            | -41.83        | -49.8             | 30.8              | 3.6           | 18.5        | 9.54        | 15.6          | -60.04                 | 46.96          | 222.84         | -7.97  | 2127.13   |   |
|  | 2431.00                | -84.04            | -46.73        | #N/A              | 31.7              | 3.8           | 15.7        | 9.54        | 15.6          | #N/A                   | #N/A           | #N/A           | #N/A   | 2431.00   |   |
|  | 2734.88                | -82.84            | -52.03        | #N/A              | 32.4              | 4.2           | 11.5        | 9.54        | 15.6          | #N/A                   | #N/A           | #N/A           | #N/A   | 2734.88   |   |
|  | 3038.75                | -82.04            | -57.63        | #N/A              | 33.1              | 4.4           | 6.8         | 9.54        | 15.6          | #N/A                   | #N/A           | #N/A           | #N/A   | 3038.75   |   |
|  | 3342.63                | -81.34            | -63.83        | #N/A              | 33.7              | 4.5           | 1.3         | 9.54        | 15.6          | #N/A                   | #N/A           | #N/A           | #N/A   | 3342.63   |   |

\* NOTE: 1 meter measurement corrected to 3 meters

The spectrum was searched from 25 to 3500 MHz  
No other emissions were observed except those shown on this page.

15.107(d) Conducted Emissions Not Applicable- Battery Powered

TESTED BY \_\_\_\_\_ DATE \_\_\_\_\_

*John W. Korman*  
ENGINEER  
DATE 12/5/03

FILE NAME: DNT088\_2.XLS DISK NAME: FCC DATA

| REPORT OF MEASUREMENTS   |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
|--|------------------------|-------------------|---------------|-------------------|-------------------|---------------|-------------|-------------|---------------|------------------------|----------|---------|----------------|--------|-----------|
| Applications for control, security alarm, door opener or remote switch |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
| 303.875 MHz transmitter, Megacode non-supervised, Unit No. 1           |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
| December 5, 2003   |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
| MX-62 Transmitter  |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
| Linear Corporation   |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
| N/A  |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
| EF4 DNT00088   |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
| 3 meters, DUT 0.8 meter above ground                                   |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
| 15.231 (e,b,c)   |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
| C83.4.1992 2001  |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
| per 15.201   |                        |                   |               |                   |                   |               |             |             |               |                        |          |         |                |        |           |
| A  | B                      | C                 | D             | E                 | G                 | H             | I           | J           | K             | L                      | M        | N       | O              | P      | Q         |
| Tuned Frequency MHz  | Emission Frequency MHz | Ambient Level dBm | FCC Limit dBm | Meter Reading dBm | Antenna Factor dB | Cable Loss dB | Amp Gain dB | Dist Fac dB | Duty Cycle dB | Field Strength dBm/mtr | dBuV/mtr | uV/m    | FCC Limit uV/m | dB:FCC | FREQ. MHz |
| 303.875  | 303.88                 | -98.80            | -8.66         | -15.4             | 18.2              | 1.2           | 27.2        | 0.00        | 15.6          | -38.80                 | 68.20    | 2570.40 | 5683.00        | -6.74  | 303.88    |
|  | 607.75                 | -90.20            | -37.27        | -45.1             | 25.6              | 1.7           | 26.5        | 0.00        | 15.6          | -59.90                 | 47.10    | 226.46  | 568.00         | -7.83  | 607.75    |
|  | 911.63                 | -86.00            | -41.47        | -58.2             | 28.1              | 2.2           | 26.3        | 0.00        | 15.6          | -68.80                 | 38.20    | 81.28   | 568.00         | -16.73 | 911.63    |
|  | 1215.50                | -82.20            | -45.27        | -50.6             | 26.5              | 2.6           | 20.3        | 0.00        | 15.6          | -57.40                 | 49.60    | 302.00  | 568.00         | -5.33  | 1215.50   |
|  | 1519.38                | -89.14            | -38.33        | -48.0             | 28.2              | 3.0           | 19.8        | 9.54        | 15.6          | -61.74                 | 45.26    | 183.23  | 568.00         | -9.67  | 1519.38   |
|  | 1823.25                | -87.04            | -40.43        | -50.9             | 28.7              | 3.3           | 19.5        | 9.54        | 15.6          | -62.54                 | 44.46    | 167.11  | 568.00         | -10.47 | 1823.25   |
|  | 2127.13                | -85.14            | -41.83        | -52.5             | 30.8              | 3.6           | 19.5        | 9.54        | 15.6          | -62.74                 | 44.26    | 163.31  | 568.00         | -10.67 | 2127.13   |
|  | 2431.00                | -84.04            | -46.73        | #N/A              | 31.7              | 3.8           | 15.7        | 9.54        | 15.6          | #N/A                   | #N/A     | #N/A    | 568.00         | #N/A   | 2431.00   |
|  | 2734.88                | -82.94            | -52.03        | #N/A              | 32.4              | 4.2           | 11.5        | 9.54        | 15.6          | #N/A                   | #N/A     | #N/A    | 568.00         | #N/A   | 2734.88   |
|  | 3038.75                | -82.04            | -57.63        | #N/A              | 33.1              | 4.4           | 6.8         | 9.54        | 15.6          | #N/A                   | #N/A     | #N/A    | 568.00         | #N/A   | 3038.75   |
|  | 3342.63                | -81.34            | -63.83        | #N/A              | 33.7              | 4.5           | 1.3         | 9.54        | 15.6          | #N/A                   | #N/A     | #N/A    | 568.00         | #N/A   | 3342.63   |

\* NOTE: 1 meter measurement corrected to 3 meters

The spectrum was searched from 25 to 3500 MHz  
No other emissions were observed except those shown on this page.

15.107(d) Conducted Emissions Not Applicable- Battery Powered

TESTED BY: *John N. Kumar* DATE: 12/5/03  
ENGINEER: *John N. Kumar* DATE: 12/5/03

FILE NAME: DNT088\_1.XLS DISK NAME: FCC DATA