

APPLICATION FOR CERTIFICATION  
On Behalf of  
Evenflo Company, Inc.

Constant Care 3000 Two-way Communicator

Model Number: 613000(Baby's Unit)

Prepared for : Evenflo Company, Inc.  
1000 Evenflo Drive, P.O. Box 709,  
Canton, GA 30114

Prepared By : Audix Technology (Shenzhen) Co., Ltd.  
No. 6, Ke Feng Rd., 52 Block,  
Shenzhen Science & Industrial Park,  
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Report Number : ACS-F03020  
Date of Test : Jan.09~10, 2003  
Date of Report : Feb.08, 2003

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## TEST REPORT DECLARATION

Applicant : Evenflo Company, Inc.  
Manufacturer : Technic Star Products Factory  
EUT Description : Constant Care 3000 Two-way Communicator  
(A) MODEL NO : 613000(Baby's Unit)  
(B) SERIAL NO : F2003020801  
(C) Power Supply : Adaptor Input 120V/60Hz  
Output DC 9V

### Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart C August, 2002.

The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits for radiated and conducted emissions. The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed full responsibility for the accuracy and completeness of tests. Also, this report shows that EUT is technically compliant with FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shenzhen) Co., Ltd.

Date of Test : Jan.09~10, 2003

Prepared by : Kathy Liu / Assistant

Reviewer : Lake Wang / Supervisor

Approved & Authorized Signer : Alex Deng / Assistant Manager

## 1. GENERAL INFORMATION

### 1.1. Description of Device (EUT)

Description : Constant Care 3000 Two-way Communicator

Model Number : 613000(Baby's Unit)

Applicant : Evenflo Company, Inc.  
1000 Evenflo Drive, P.O. Box 709,  
Canton, GA 30114

Manufacturer : Technic Star Products Factory  
Xiang Jiao Tang Industrial Area 2, Xue Xiang  
Buji, Shenzhen, China

AC/DC Adaptor : M/N:KU28-9-200D  
Manufacture: Evenflo Company, Inc.

Adaptor Output Line : Unshielded, Undetachable 2.0m

Date of Test : Jan.09~10, 2003

## 1.2. Test Facility

### Site Description

3m Anechoic Chamber : Certificated by FCC, USA  
Aug. 24, 2000

3m & 10m Open Site : Certificated by FCC, USA  
Jan. 29, 2001

Certificated by VCCI, Japan  
Jan.01, 2002

EMC Lab. : Certificated by DATech, German  
Feb. 02, 1999

Certificated by NVLAP, USA  
NVLAP Code: 200372-0  
Mar. 31, 2002

Name of Firm : Audix Technology (Shenzhen) Co., Ltd.

Site Location : No. 6, Ke Feng Rd., 52 Block,  
Shenzhen Science & Industrial Park,  
Nantou, Shenzhen, Guangdong, China

## 1.3. Test Uncertainty

Conducted Emission Uncertainty = ±2.66dB

Radiated Emission Uncertainty = ±4.26dB

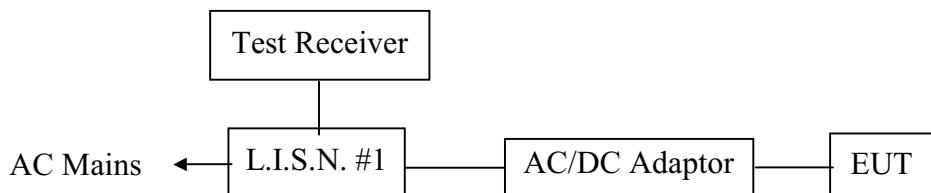
## 2. POWER LINE CONDUCTED EMISSION TEST

### 2.1. Test Equipment

The following test equipments are used during the power line conducted emission test:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESHS10	838693/001	Jun. 02, 02	1 Year
2.	L.I.S.N. #1	Kyoritsu	KNW-407	8-541-4	Jun. 02, 02	1 Year
3.	L.I.S.N. #2	R&S	ESH2-Z5	834066/011	Jun. 02, 02	1 Year
4.	Terminator	EMCO	50Ω	No. 1	Jun. 02, 02	1 Year
5.	Terminator	EMCO	50Ω	No. 2	Jun. 02, 02	1 Year
6.	RF Cable	FUJIKURA	RG-55/U	LISN Cable	Aug. 23, 02	1/2 Year
7.	Coaxial Switch	Anritsu	MP59B	M74389	Nov 30, 02	1/2 Year
8.	PC	N/A	586ATXS	N/A	N/A	N/A
9.	Printer	HP	Laserjet2100	SGGJ092351	N/A	N/A

### 2.2. Block Diagram of Test Setup



(EUT: Constant Care 3000 Two-way Communicator )

### 2.3. Power Line Conducted Emission Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(µV)	Average Level dB(µV)
150KHz ~ 500KHz	66 ~ 56*	56 ~ 46*
500KHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. \* Decreasing linearly with logarithm of frequency.  
 2. The lower limit shall apply at the transition frequencies.

## 2.4. EUT Configuration on Test

The following equipments are installed on RF LINE VOLTAGE Test to meet the Commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

### 2.4.1. Constant Care 3000 Two-way Communicator (EUT)

Model Number	:	613000(Baby's Unit)
Serial Number	:	F2003020801
Manufacturer	:	Technic Star Products Factory

## 2.5. Operating Condition of EUT

- 2.5.1. Setup the EUT and simulator as shown on Section 2.2.
- 2.5.2. Turn on the power of all equipment.
- 2.5.3. Let the EUT work in test mode (TX Channel 1(intercom mode)/TX Channel 2(intercom mode)/TX Channel 1(Monitor mode)/TX Channel 2(Monitor mode)) and measure it.

## 2.6. Test Procedure

The EUT is put on the table which is 0.8m above the ground and away from other metallic surface at least 0.4m. The EUT is connected to the AC/DC Adapter. The AC/DC Adapter power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm coupling impedance for the testing equipment; and the peripheral equipment powers form other L.I.S.N.. Please refer to the block diagram of the test setup and photographs. Both sides of AC line(Line & Neutral) are checked for maximum conducted interference. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables must be changed according to ANSI / IEEE Standard 213-1987 on Conducted Emission Test.

The bandwidth of the field strength meter (R & S Test Receiver ESHS20) is set at 10KHz.

The frequency range from 150KHz to 30MHz is checked.

The details of test modes are as the followings, and the test data please see APPENDIX I.

## 2.7. Power Line Conducted Emission Test Results

**PASS.**

### 3. RADIATED EMISSION TEST

#### 3.1. Test Equipment

The following test equipments are used during the radiated emission Test :

##### 3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Spectrum	HP	85422E	3625A00181	Jun. 02, 02	1 Year
2.	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	Jun. 02, 02	1 Year
3.	Amplifier	HP	8447D	2944A07794	Sep 20, 02	1/2 Year
4.	Bilog Antenna	Schaffner	CBL6111C	2598	Jan. 14, 03	1 Year
5.	PC	N/A	586ATX3	N/A	N/A	N/A
6.	Printer	HP	Laserjet6P	SGCF019673	N/A	N/A
7.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Feb 03, 03	1/2 Year
8.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Feb 03, 03	1/2 Year
9.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.3	Feb 03, 03	1/2 Year
10.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Feb 03, 03	1/2 Year
11.	Coaxial Switch	Anritsu	MP59B	M73989	Nov 30, 02	1/2 Year

#### 3.2. Block Diagram of Test Setup

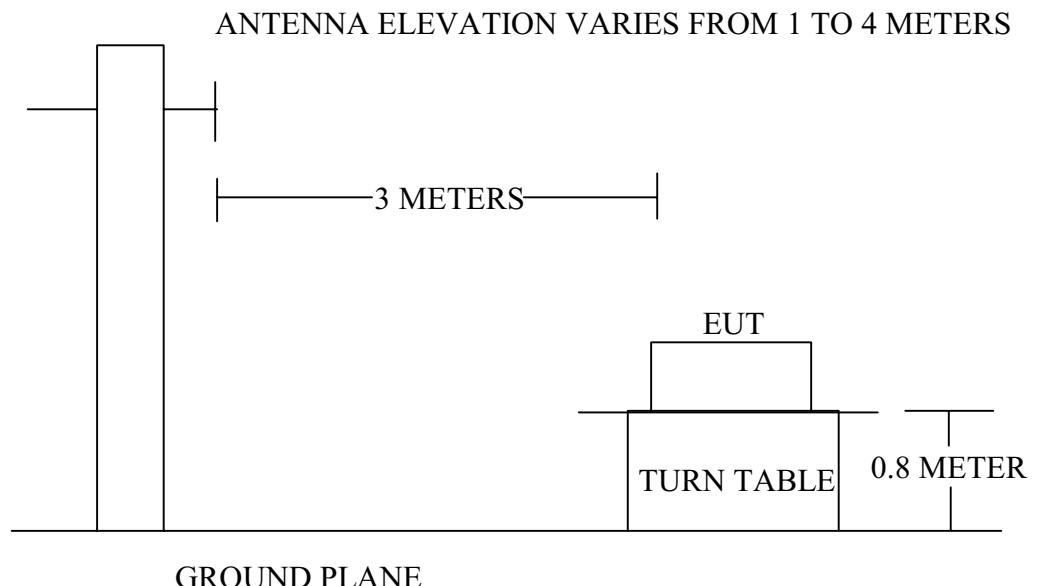
##### 3.2.1. Block Diagram of connection between EUT and simulators



(EUT: Constant Care 3000 Two-way Communicator )

### 3.2.2. Anechoic Chamber Setup Diagram

#### ANTENNA TOWER



### 3.3. Radiated Emission Limit (Class B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0

- Remark :
- (1) Emission level  $\text{dB}\mu\text{V} = 20 \log \text{Emission level } \mu\text{V/m}$
  - (2) The smaller limit shall apply at the cross point between two frequency bands.
  - (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

### 3.4. EUT Configuration on Test

The following equipment are installed on Radiated Emission Test to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

#### 3.4.1. Constant Care 3000 Two-way Communicator (EUT)

Model Number	:	613000(Baby's Unit)
Serial Number	:	F2003020801
Manufacturer	:	Technic Star Products Factory

### 3.5. Operating Condition of EUT

- 3.5.1. Setup the EUT as shown in Section 3.2..
- 3.5.2. Let the EUT work in test modes (TX Channel 1(intercom mode)/TX Channel 2(intercom mode)/TX Channel 1(Monitor mode)/TX Channel 2(Monitor mode)) and test it.

### 3.6. Test Procedure

The EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on Test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-1992 on radiated emission Test.

The bandwidth of the EMI test receiver (R&S ESVS20) is set at 120KHz.

The frequency range from 30MHz to 1000MHz is checked.

The test modes (TX Channel 1(intercom mode)/TX Channel 2(intercom mode)/TX Channel 1(Monitor mode)/TX Channel 2(Monitor mode)) is tested in Anechoic Chamber and all the scanning waveforms are attached in Appendix II.

### 3.7. Radiated Emission Test Results

**PASS.**

The frequency range from 30MHz to 1000MHz is investigated.  
Please see the following pages.

Date of Test :	Jan.09 2003	Temperature :	24°C
EUT :	Constant Care 3000 Two-way Communicator	Humidity :	47%
Model No. :	613000(Baby's Unit)	Test Mode :	TX Channel 1(intercom mode)
Test Engineer:	Jimmy		

Frequency	Antenna Factor	Cable Loss	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits	Remark
MHz	dB/m	dB	dB $\mu$ V	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	
49.836	5.73	1.36	49.80	56.90	-23.10	80.00	Average

Remark: 1. All readings are Average values.

2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna Factor	Cable Loss	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits	Remark
MHz	dB/m	dB	dB $\mu$ V	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	
33.220	12.47	1.13	16.30	29.90	-10.10	40.00	QP
49.836	7.10	1.36	68.20	76.67	-3.33	80.00	Average
66.450	9.88	1.60	20.60	32.08	-7.92	40.00	QP
83.060	8.16	1.83	14.80	24.79	-15.21	40.00	QP
99.670	10.16	2.01	21.10	33.27	-10.23	43.50	QP

Remark: 1. All readings are Average values.

2. Emission Level = Antenna Factor + Meter Reading

Reviewer : \_\_\_\_\_

Date of Test :	Jan.09, 2003	Temperature :	24°C
EUT :	Constant Care 3000 Two-way Communicator	Humidity :	47%
Model No. :	613000(Baby's Unit)	Test Mode :	TX Channel 2(intercom mode)
Test Engineer:	Jimmy		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dB $\mu$ V	Emission Level Horizontal dB $\mu$ V/m	Over Limits dB $\mu$ V/m	Limits dB $\mu$ V/m	Remark
49.888	5.73	1.36	52.80	59.90	-20.10	80.00	Average

Remark: 1. All readings are Average values.

2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dB $\mu$ V	Emission Level Vertical dB $\mu$ V/m	Over Limits dB $\mu$ V/m	Limits dB $\mu$ V/m	Remark
33.260	12.47	1.13	16.40	30.00	-10.00	40.00	QP
49.888	7.10	1.36	68.50	76.97	-3.03	80.00	Average
66.520	9.88	1.60	20.70	32.18	-7.82	40.00	QP
83.150	8.16	1.83	14.90	24.89	-15.11	40.00	QP
99.780	10.16	2.01	21.30	33.47	-10.03	43.50	QP

Remark: 1. All readings are Peak values.

2. Emission Level = Antenna Factor + Meter Reading

Reviewer : \_\_\_\_\_

Date of Test :	Jan.09 2003	Temperature :	24°C
EUT :	Constant Care 3000 Two-way Communicator	Humidity :	47%
Model No. :	613000(Baby's Unit)	Test Mode :	TX Channel 1(Monitor mode)
Test Engineer:	Jimmy		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dB $\mu$ V	Emission Level Horizontal dB $\mu$ V/m	Over Limits dB $\mu$ V/m	Limits dB $\mu$ V/m	Remark
49.836	5.82	1.36	51.40	58.58	-21.42	80.00	Average

Remark: 1. All readings are Average values.

2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dB $\mu$ V	Emission Level Vertical dB $\mu$ V/m	Over Limits dB $\mu$ V/m	Limits dB $\mu$ V/m	Remark
33.880	12.29	1.14	17.40	30.83	-9.17	40.00	QP
49.836	7.20	1.35	66.90	75.45	-4.55	80.00	Average
67.830	10.23	1.61	19.50	31.34	-8.66	40.00	QP
101.780	10.17	2.05	18.30	30.52	-12.98	43.50	QP

Remark: 1. All readings are Average values.

2. Emission Level = Antenna Factor + Meter Reading

Reviewer : \_\_\_\_\_

Date of Test : Jan.09, 2003 Temperature : 24°C  
 EUT : Constant Care 3000 Two-way Humidity : 47%  
       Communicator  
 Model No. : 613000(Baby's Unit) Test Mode : TX Channel 2(Monitor mode)  
 Test Engineer: Jimmy

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dB $\mu$ V	Emission Level Horizontal dB $\mu$ V/m	Over Limits dB $\mu$ V/m	Limits dB $\mu$ V/m	Remark
49.891	5.73	1.36	51.00	58.10	-21.90	80.00	Average

Remark: 1. All readings are Average values.

2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dB $\mu$ V	Emission Level Vertical dB $\mu$ V/m	Over Limits dB $\mu$ V/m	Limits dB $\mu$ V/m	Remark
33.260	12.47	1.13	17.60	31.20	-8.80	40.00	QP
49.891	7.10	1.36	66.30	74.77	-5.23	80.00	Average
66.520	9.88	1.60	20.13	31.61	-8.39	40.00	QP
83.150	8.16	1.83	12.62	22.61	-17.39	40.00	QP
99.780	10.16	2.01	18.03	30.20	-13.30	43.50	QP

Remark: 1. All readings are Peak values.

2. Emission Level = Antenna Factor + Meter Reading

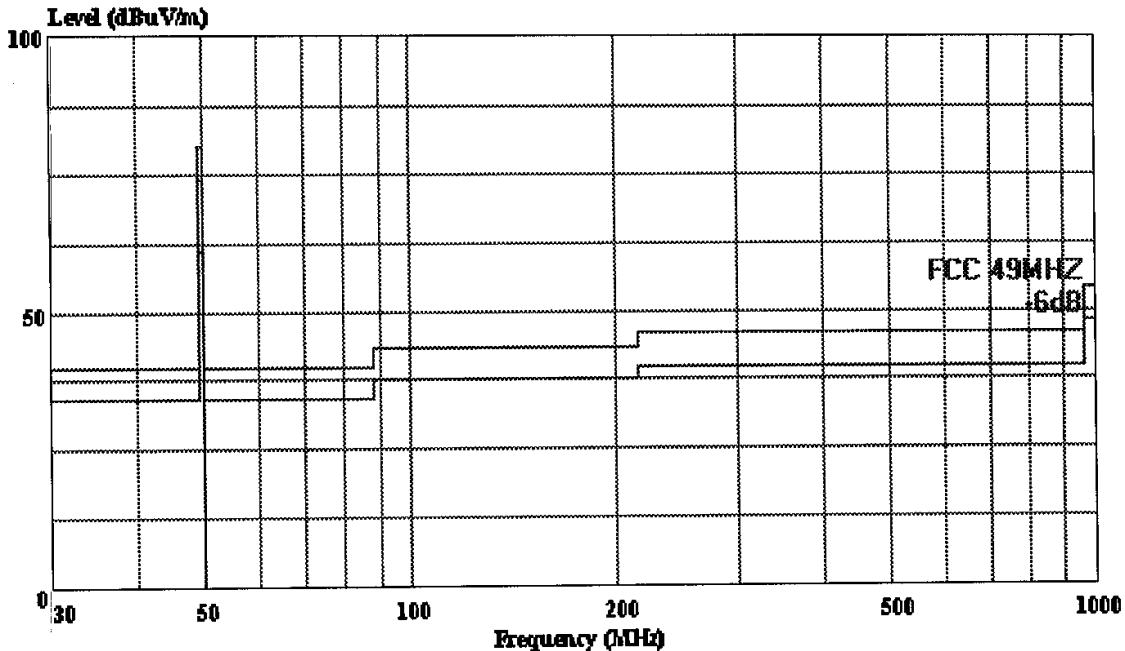
Reviewer : \_\_\_\_\_



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind Park  
 Tel:0755-26639496  
 Fax:26632877

Data#: 2 File#: Technic Star.EMI Date: 2003-01-09 Time: 21:55:07



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace:

Ref Trace:

Condition: FCC 49MHZ 3m 2598FACTOR HORIZONTAL  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 1 (intercom mode)

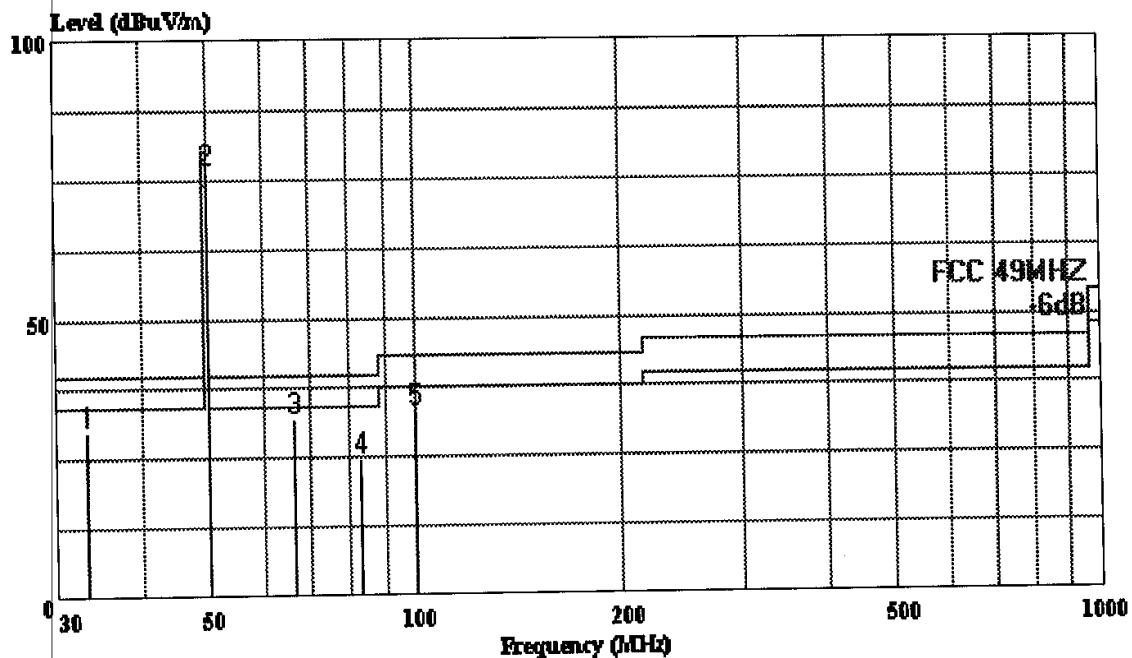
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Freq	Limit		Over Limit	Read Level	Cable Loss	Probe Factor	Remark
	Line	Level					
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB
1	49.836	80.00	56.90	-23.10	49.80	1.36	5.73 Average



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Fax:26632877

Data#: 4 File#: Technic Star.EMI Date: 2003-01-09 Time: 21:59:33



**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace:

Ref Trace:

Condition: FCC 49MHZ 3m 2598FACTOR VERTICAL  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 1 (intercom mode)

Page: 1

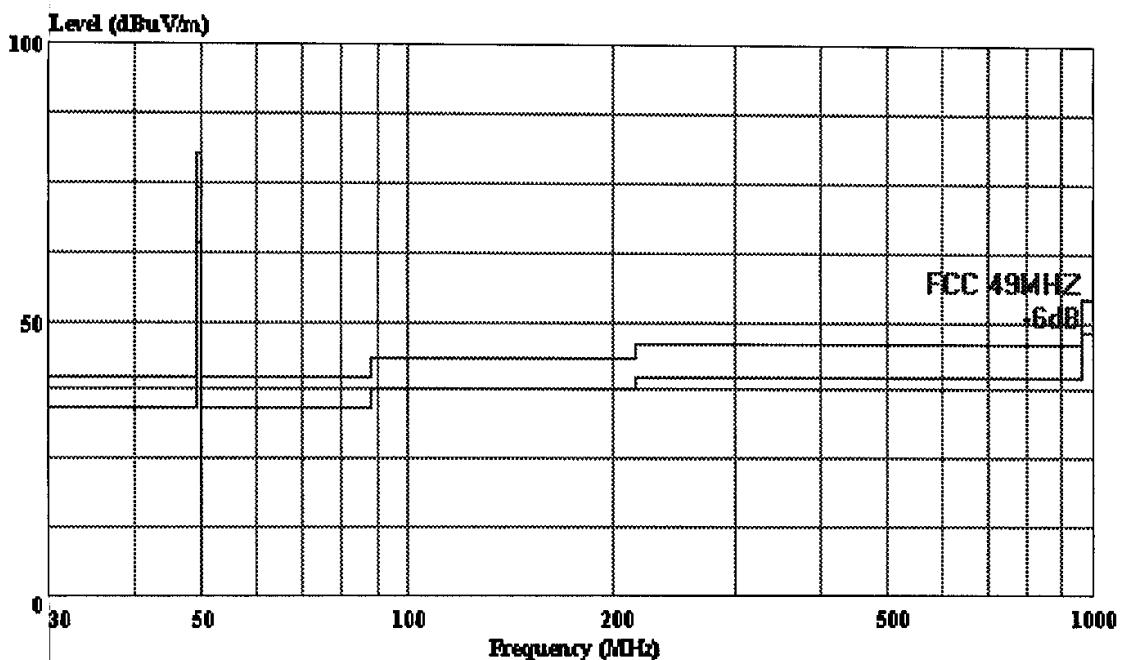
Freq	Limit		Over Limit	Read Level	Cable Loss	Probe Factor	Remark
	Line	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	
1	33.220	40.00	29.90	-10.10	16.30	1.13	12.47 QP
2	49.836	80.00	76.67	-3.33	68.20	1.36	7.10 Average
3	66.450	40.00	32.08	-7.92	20.60	1.60	9.88 QP
4	83.060	40.00	24.79	-15.21	14.80	1.83	8.16 QP
5	99.670	43.50	33.27	-10.23	21.10	2.01	10.16 QP



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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 Fax:26632877

Data#: 40 File#: Technic Star.EMI Date: 2003-01-09 Time: 21:59:33

**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace:

Ref Trace:

Condition: FCC 49MHZ 3m 2598FACTOR HORIZONTAL  
 EUT : Constant Care 3000 Two-way Communicators  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 2 (intercom mode)  
 : Ant pos: 1m Table pos: 90'

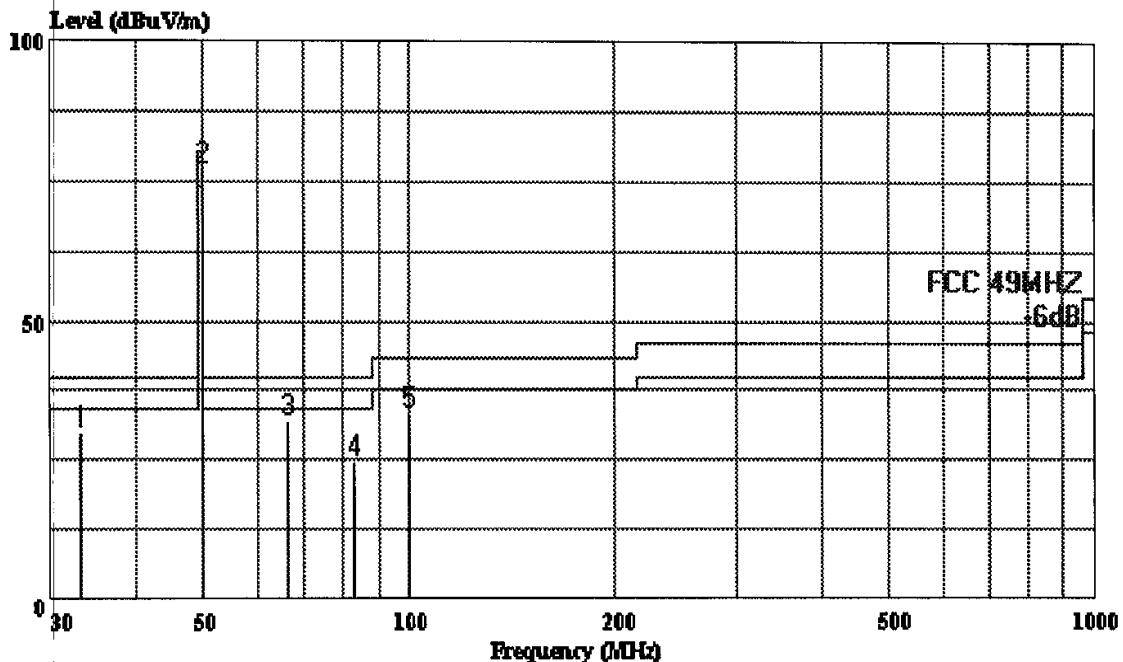
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Freq	Limit		Over Limit	Read Level	Cable Loss	Probe Factor	Remark
	Line	Level					
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB
1	49.888	80.00	59.90	-20.10	52.80	1.36	5.73 Average



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Fax:26632877

Data#: 6 File#: Technic Star.EMI Date: 2003-01-09 Time: 21:59:33



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace:

Ref Trace:

Condition: FCC 49MHZ 3m 2598FACTOR VERTICAL  
 EUT : Constant Care 3000 Two-way Communicators  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 2 (intercom mode)

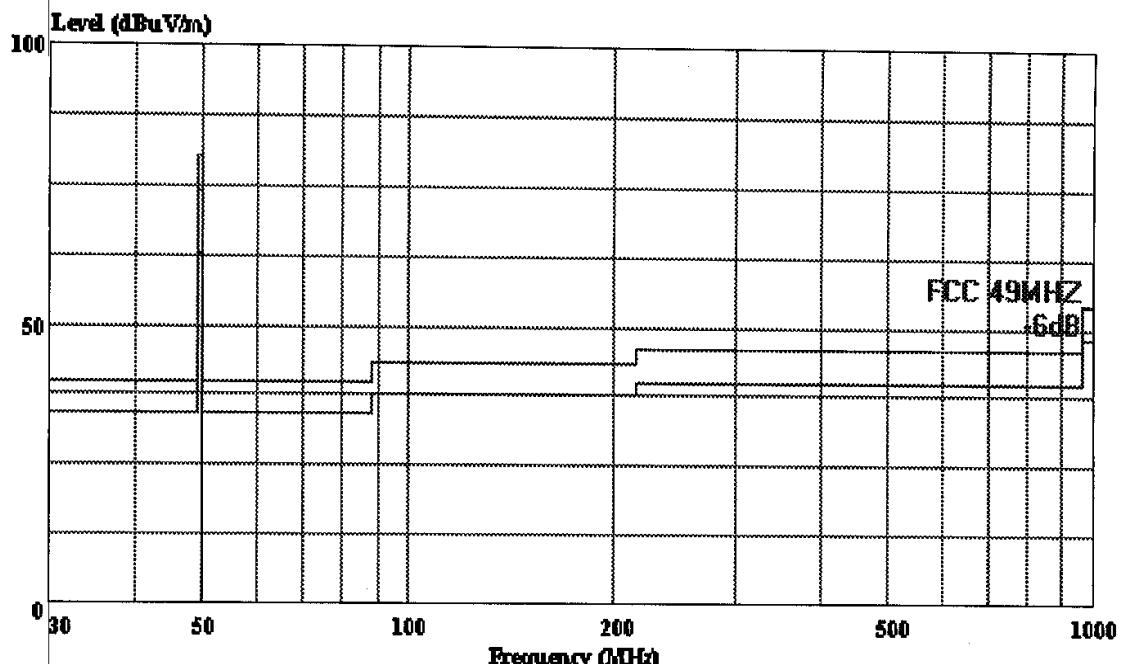
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Freq	Limit		Over Limit	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dB	dB	
1	33.260	40.00	30.00	-10.00	16.40	1.13	12.47 QP
2	49.888	80.00	76.97	-3.03	68.50	1.36	7.10 Average
3	66.520	40.00	32.18	-7.82	20.70	1.60	9.88 QP
4	83.150	40.00	24.89	-15.11	14.90	1.83	8.16 QP
5	99.780	43.50	33.47	-10.03	21.30	2.01	10.16 QP



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Tel:0755-26639496  
Fax:26632877

Data#: 9 File#: Technic Star.EMI Date: 2003-01-10 Time: 16:32:31



**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace:

Ref Trace:

Condition: FCC 49MHZ 3m 2598FACTOR HORIZONTAL  
 EUT : Constant Care 3000 Two-way Communicators  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 1 (Monitor mode)  
 : Ant pos: 1m Table pos:90'

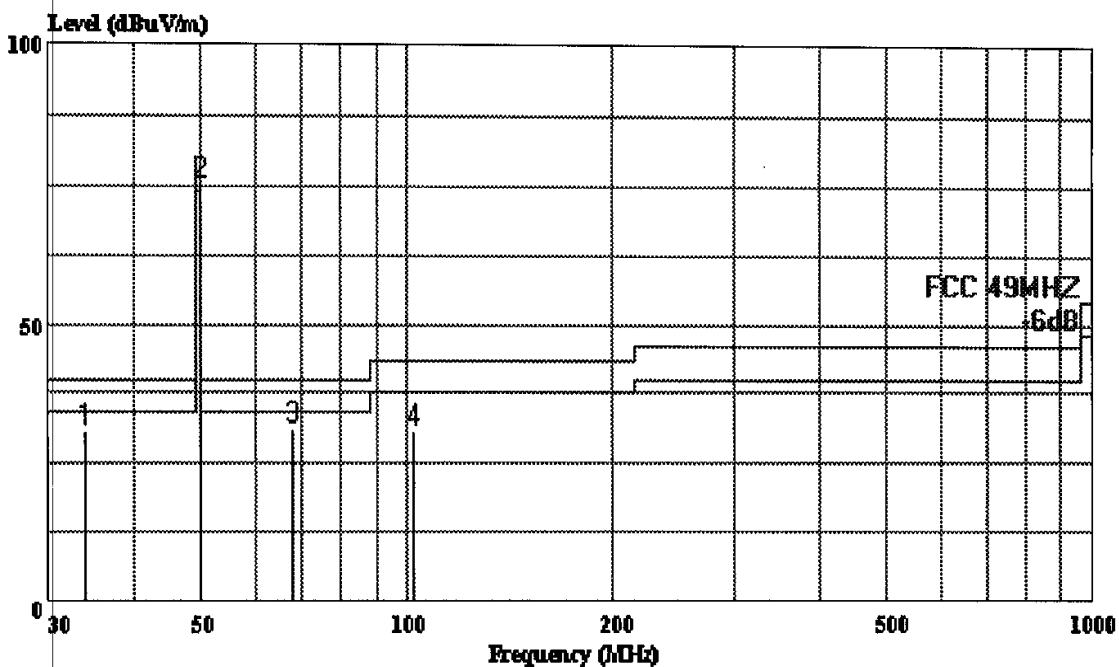
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Freq	Limit		Over Limit	Read Level	Cable Loss	Probe Factor	Remark
	Line	Level					
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB
1	49.836	80.00	58.58	-21.42	51.40	1.36	5.82 Average



Shenzhen Science & Ind Park  
Tel:0755-26639496  
Fax:26632877

Data#: 11 File#: Technic Star.EMI Date: 2003-01-10 Time: 16:34:02



**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace:

Ref Trace:

Condition: FCC 49MHZ 3m 2598FACTOR VERTICAL  
 EUT : Constant Care 3000 Two-way Communicators  
 M/N : 613000 (Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 1 (Monitor mode)  
 : Ant pos: 1m Table pos:160'

Page: 1

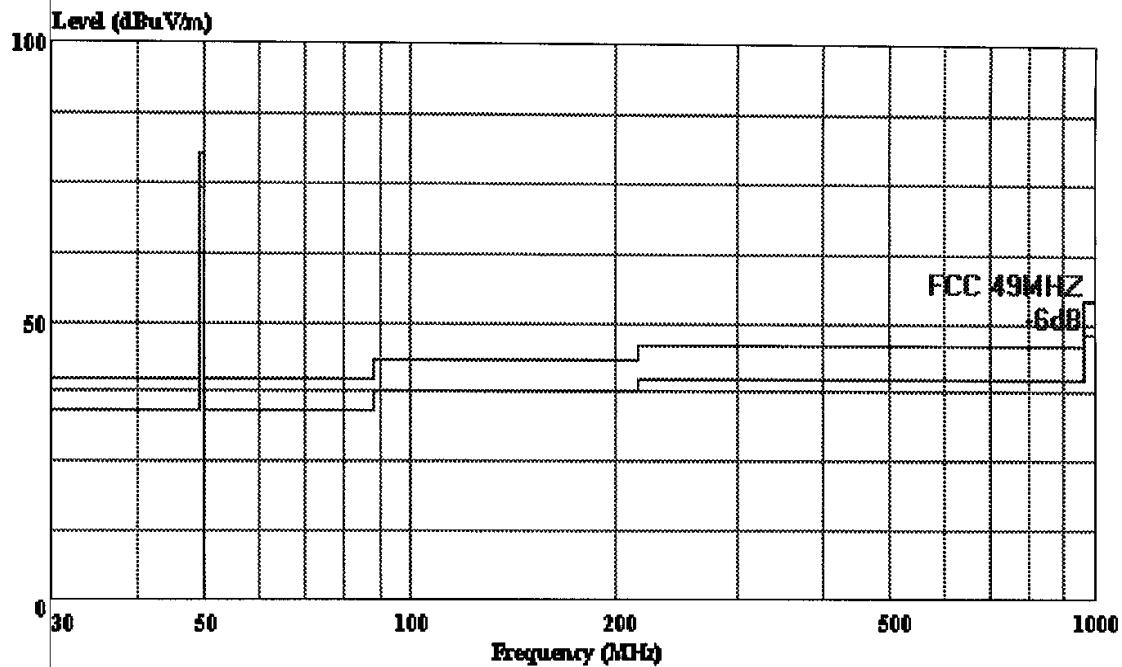
Freq	Limit		Over Limit	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	33.880	40.00	30.83	-9.17	17.40	1.14	12.29 QP
2	49.836	80.00	75.45	-4.55	66.90	1.35	7.20 Average
3	67.830	40.00	31.34	-8.66	19.50	1.61	10.23 QP
4	101.780	43.50	30.52	-12.98	18.30	2.05	10.17 QP



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Data#: 15 File#: Technic Star.EMI Date: 2003-01-10 Time: 16:41:00

**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace:

Ref Trace:

Condition: FCC 49MHZ 3m 2598FACTOR HORIZONTAL  
 EUT : Constant Care 3000 Two-way Communicators  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 2 (Monitor mode)

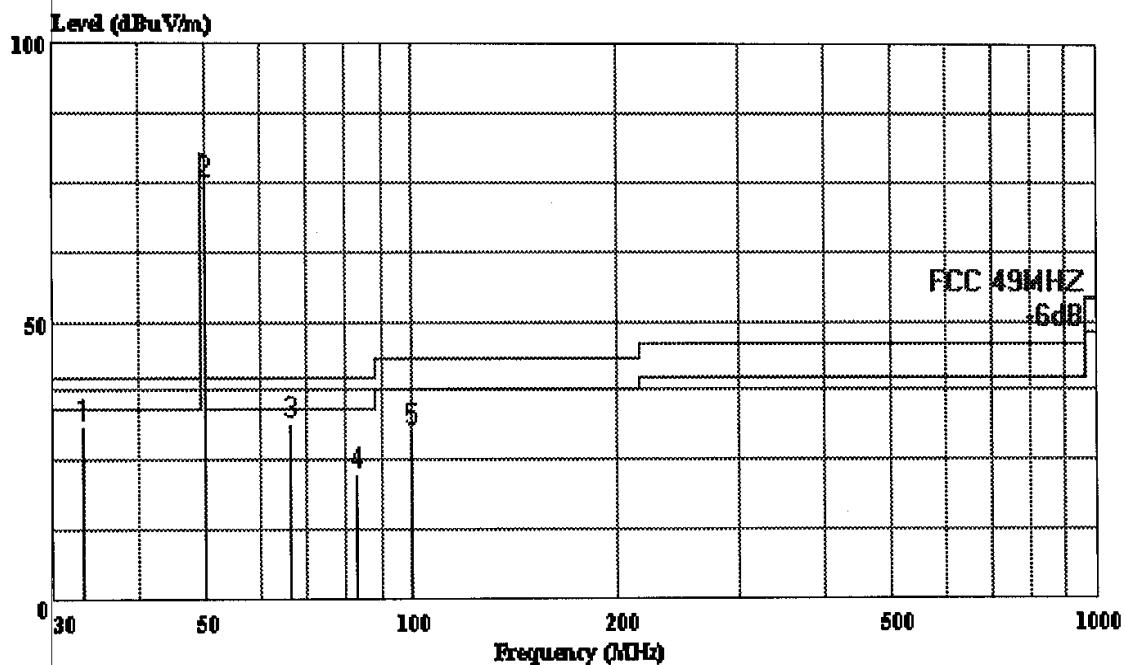
Page: 1

Freq	Limit MHz	Line dBuV/m	Over Level dBuV/m	Read Level dB	Cable Loss dBuV	Probe Factor dB	Remark
1	49.891	80.00	58.10	-21.90	51.00	1.36	5.73 QP



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Data#: 13 File#: Technic Star.EMI Date: 2003-01-10 Time: 16:38:45



**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace:

Ref Trace:

Condition: FCC 49MHZ 3m 2598FACTOR VERTICAL  
 EUT : Constant Care 3000 Two-way Communicators  
 M/N : 613000 (Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 2 (Monitor mode)

Page: 1

Freq	Limit		Over Limit	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	33.260	40.00	31.20	-8.80	17.60	1.13	12.47 QP
2	49.891	80.00	74.77	-5.23	66.30	1.36	7.10 Average
3	66.520	40.00	31.61	-8.39	20.13	1.60	9.88 QP
4	83.150	40.00	22.61	-17.39	12.62	1.83	8.16 QP
5	99.780	43.50	30.20	-13.30	18.03	2.01	10.16 QP

## 4. BANDWIDTH TEST

### 4.1. Test Equipment

The following test equipments are used during the bandwidth test:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4407B	MY41440292	2002.03.29	1 Y
2.	Antenna	EMCO	3115	9607-4877	2002.12.02	1.5 Y
3.	Print				N/A	N/A

### 4.2. Test Standard

The test completeness FCC 15C (2).

### 4.3. Bandwidth Limit

The minimum 6dB bandwidth shall be at least 500KHz.

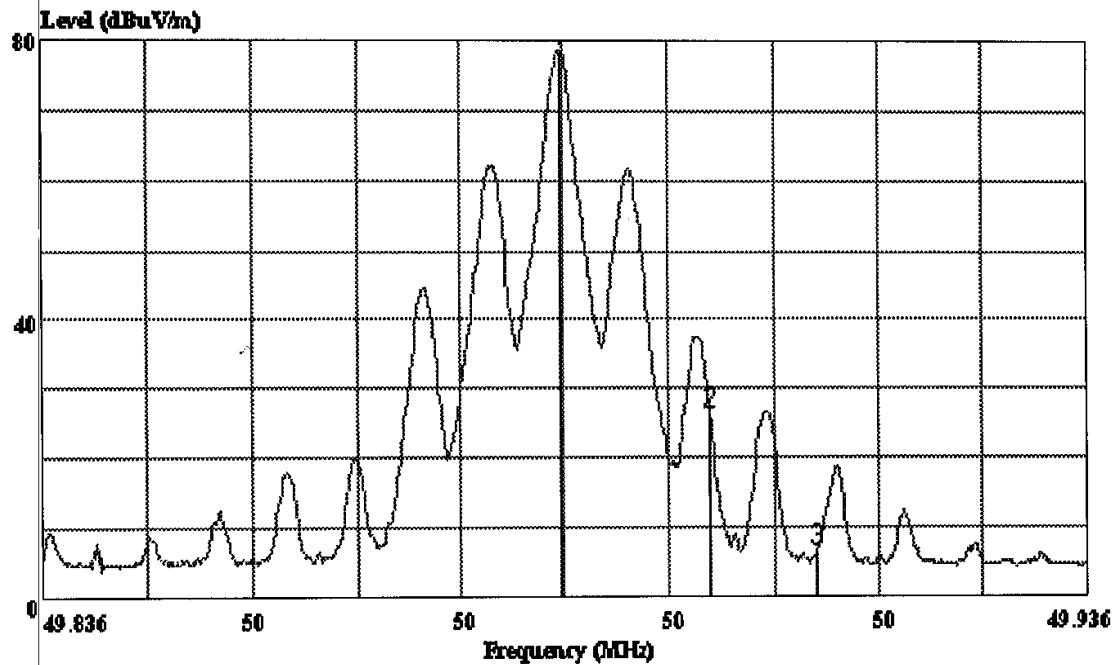
### 4.4. Test Procedure



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Data#: 32 File#: Technic star.EMI Date: 2003-01-16 Time: 22:12:39



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace: 25

Ref Trace:

Condition: 3m 2598FACTOR VERTICAL  
 EUT : Constant Care 3000 Two-way Communicators  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9V  
 Test Engineer: Jimmy  
 Memo : TX Channel 1(intercom mode)

Page: 1

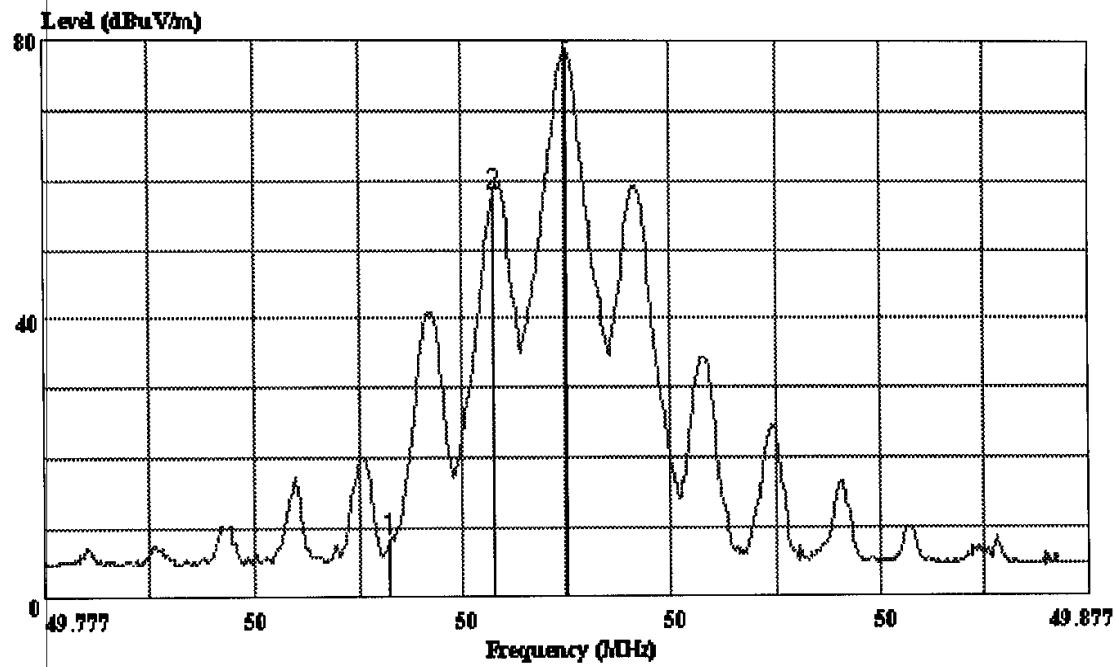
Freq	Limit		Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	Line	Level					
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	
1	49.886	-----	78.60	94.67	1.37	7.09	24.52 Peak
2	49.900	-----	26.28	42.35	1.37	7.09	24.52 Peak
3	49.910	-----	6.41	22.48	1.37	7.09	24.52 Peak



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Data#: 31 File#: Technic star.EMI Date: 2003-01-16 Time: 22:10:56

**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace: 26

Ref Trace:

Condition: 3m 2598FACTOR VERTICAL  
 EUT : Constant Care 3000 Two-way Communicators  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9V  
 Test Engineer: Jimmy  
 Memo : TX Channel 2 (intercom mode)

Page: 1

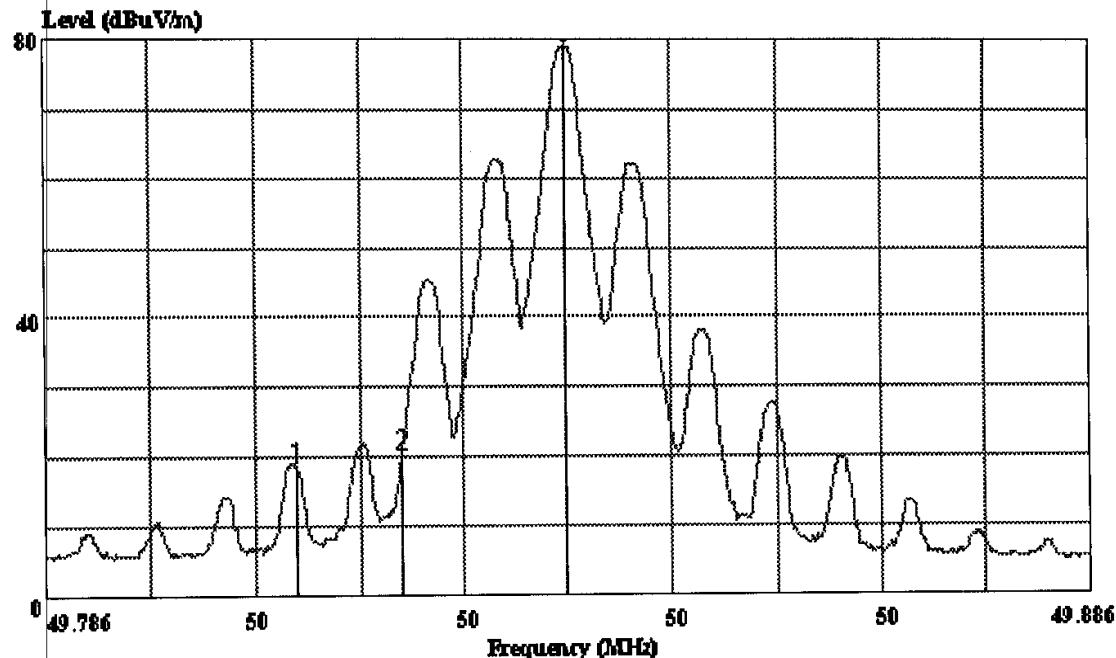
Freq	Limit		Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m					
1	49.810	-----	8.48	24.45	1.35	7.20	24.52 Peak
2	49.820	-----	57.97	73.94	1.35	7.20	24.52 Peak
3	49.827	-----	78.81	94.78	1.35	7.20	24.52 Peak



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Data#: 33 File#: Technic star.EMI Date: 2003-01-16 Time: 22:29:50

**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace: 24

Ref Trace:

Condition: 3m 2598FACTOR VERTICAL  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9V  
 Test Engineer: Jimmy  
 Memo : TX Channel 1(Monitor mode)

Page: 1

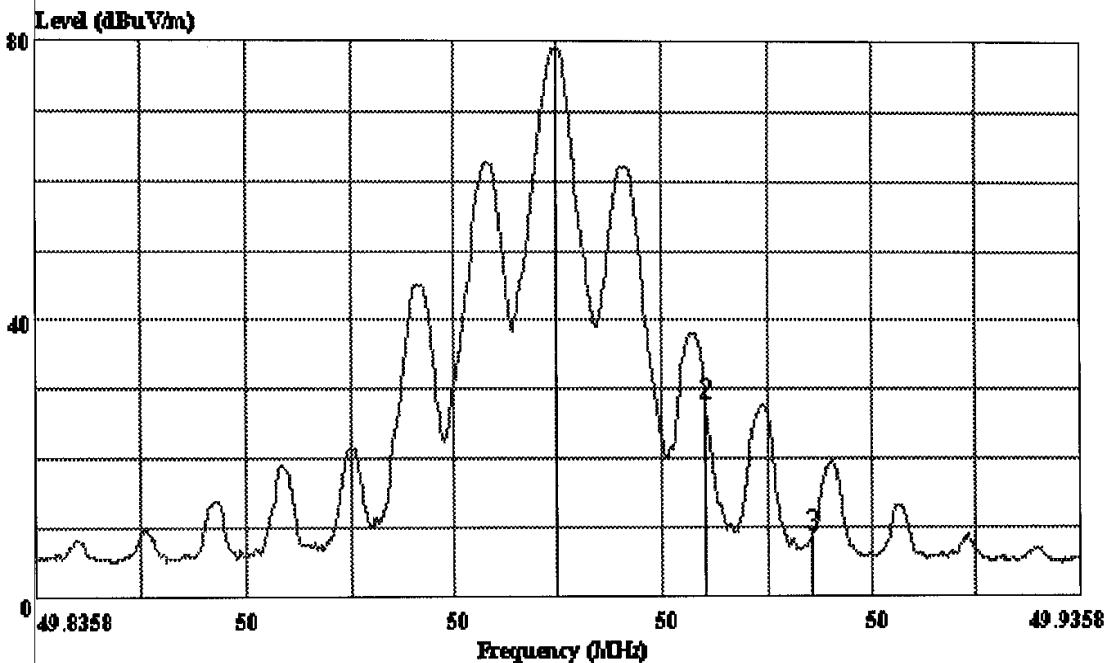
Freq	Limit		Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m					
1	49.810	-----	18.41	34.40	1.36	7.17	24.52 Peak
2	49.820	-----	19.98	35.98	1.36	7.16	24.52 Peak
3	49.836	-----	79.12	95.14	1.36	7.14	24.52 Peak



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Data#: 34 File#: Technic star.EMI Date: 2003-01-16 Time: 22:31:02

**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace: 23

Ref Trace:

Condition: 3m 2598FACTOR VERTICAL  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9V  
 Test Engineer: Jimmy  
 Memo : TX Channel 2(Monitor mode)

Page: 1

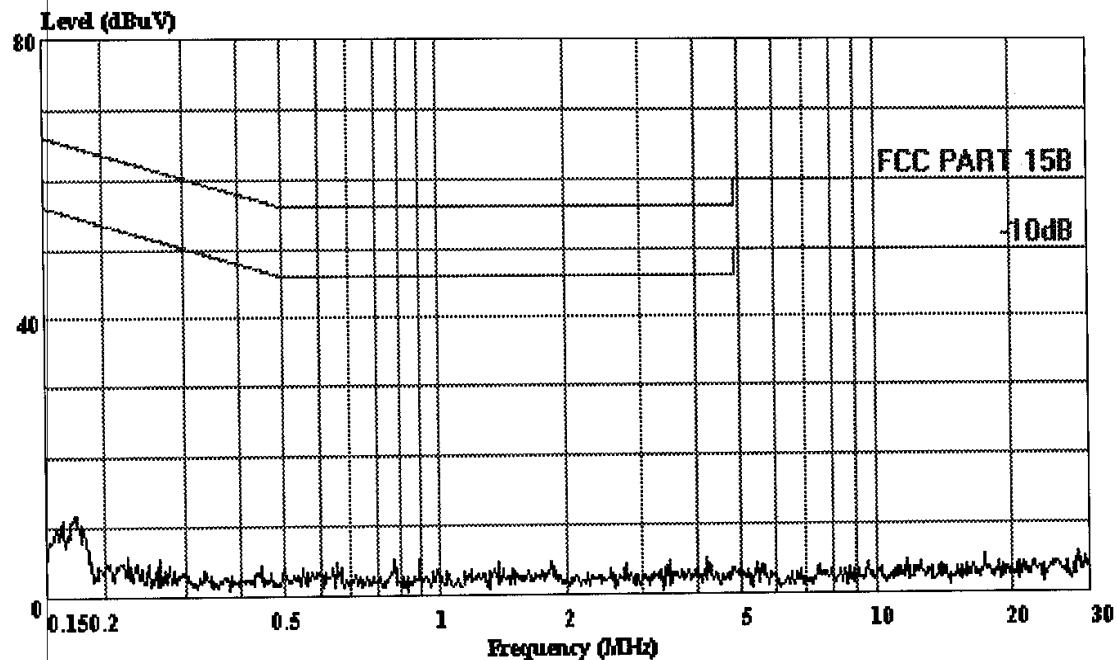
	Freq	Limit MHz	Read Line Level dBuV/m	Cable Level dBuV	Probe Loss dB	Preamp Factor dB	Remark
1	49.886	-----	79.07	95.14	1.37	7.09	24.52 Peak
2	49.900	-----	27.62	43.69	1.37	7.09	24.52 Peak
3	49.910	-----	8.78	24.85	1.37	7.09	24.52 Peak

## APPENDIX I



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Data#: 20 File#: Evenflo Inc..EMI Date: 2003-01-09 Time: 20:19:04



**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)**

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Ref Trace:

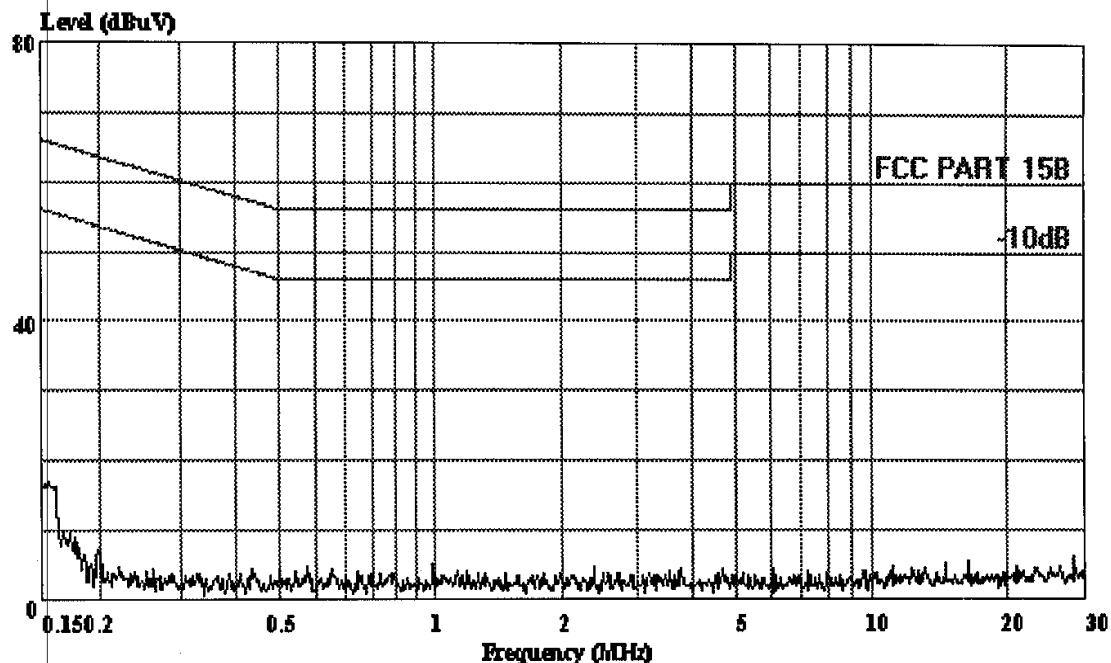
Condition: FCC PART 15B VA(KNW-407)  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000 (Baby's Unit)  
 OP Cond : TX Channel 1 (intercom mode)  
 Test Engineer: Jimmy  
 Test Spec : Adaptor input 120V/60Hz output DC 9v  
 Comment : Temp:22'C  
           : Humi:47%



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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Fax:26632877

Data#: 21 File#: Evenflo Inc..EMI Date: 2003-01-09 Time: 20:20:40



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

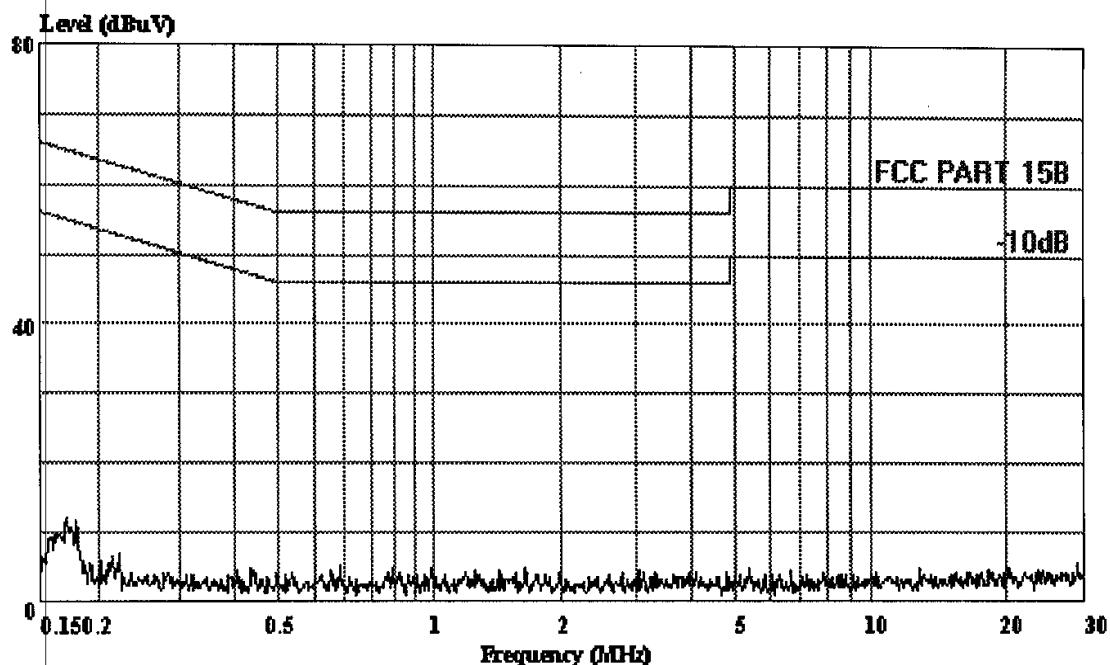
Ref Trace:

Condition: FCC PART 15B VB (KNW-407)  
EUT : Constant Care 3000 Two-way Communicator  
M/N : 613000 (Baby's Unit)  
OP Cond : TX Channel 1 (intercom mode)  
Test Engineer: Jimmy  
Test Spec : Adaptor input 120V/60Hz output DC 9v  
Comment : Temp:22'C  
: Humi:47%



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Data#: 19 File#: Evenflo Inc..EMI Date: 2003-01-09 Time: 20:17:44



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

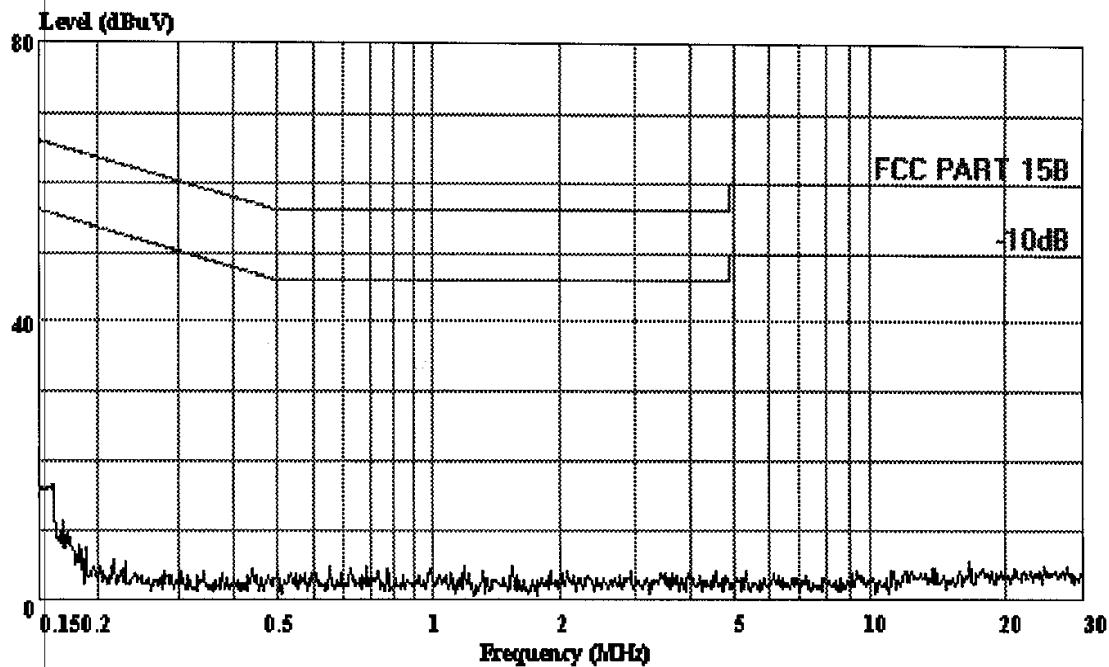
Ref Trace:

Condition: FCC PART 15B VA(KNW-407)  
EUT : Constant Care 3000 Two-way Communicator  
M/N : 613000 (Baby's Unit)  
OP Cond : TX Channel 2 (intercom mode)  
Test Engineer: Jimmy  
Test Spec : Adaptor input 120V/60Hz output DC 9v  
Comment : Temp:22'C  
: Humi:47%



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Data#: 18 File#: Evenflo Inc..EMI Date: 2003-01-09 Time: 20:16:23



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

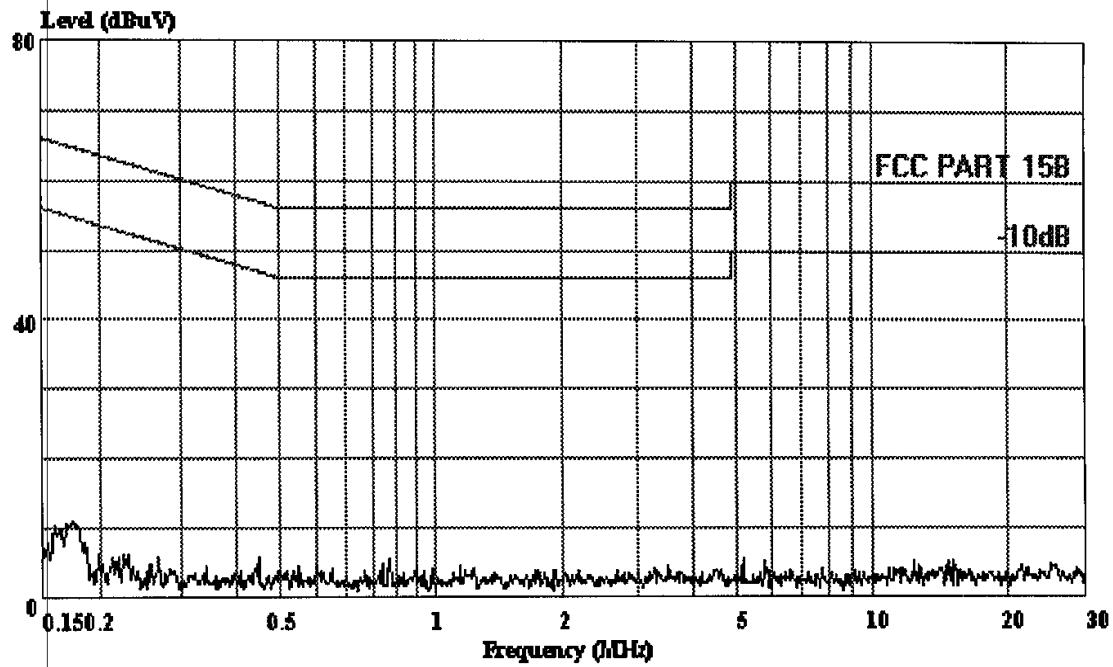
Ref Trace:

Condition: FCC PART 15B VB (KNW-407)  
EUT : Constant Care 3000 Two-way Communicator  
M/N : 613000 (Baby's Unit)  
OP Cond : TX Channel 2 (intercom mode)  
Test Engineer: Jimmy  
Test Spec : Adaptor input 120V/60Hz output DC 9v  
Comment : Temp:22'C  
: Humi:47%



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Data #: 28 File #: Evenflo Inc..EMI Date: 2003-01-09 Time: 20:32:41



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

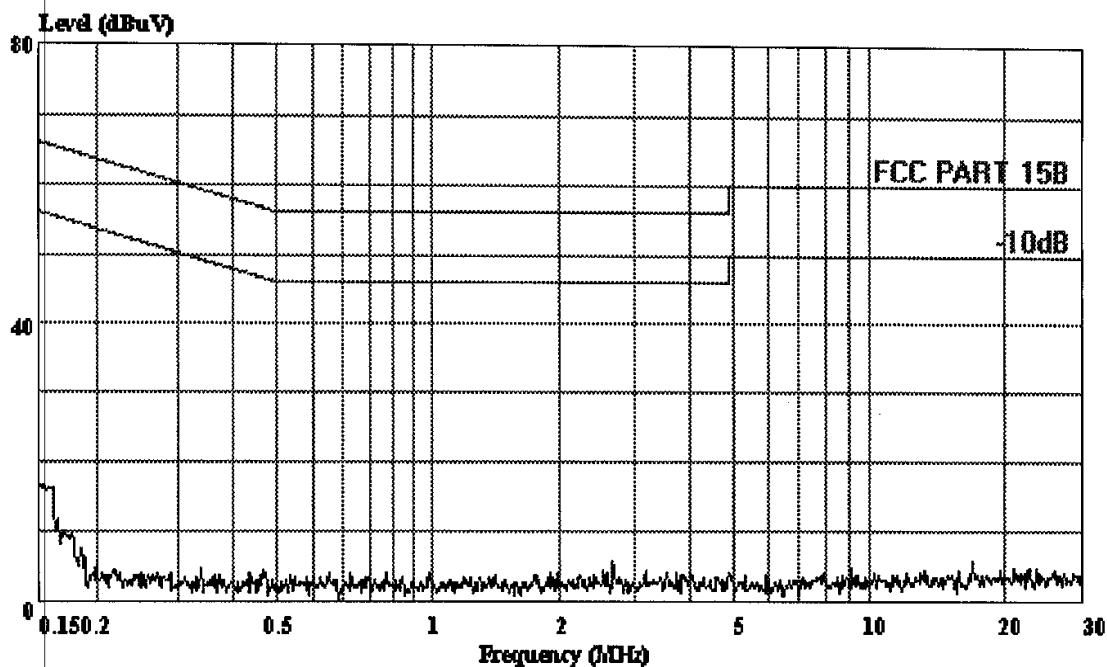
Ref Trace:

Condition: FCC PART 15B VA(KNW-407)  
EUT : Constant Care 3000 Two-way Communicator  
M/N : 613000 (Baby's Unit)  
OP Cond : TX Channel 1 (Monitor mode)  
Test Engineer: Jimmy  
Test Spec : Adaptor input 120V/60Hz output DC 9v  
Comment : Temp:22'C  
: Humi:47%



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Data#: 29 File#: Evenflo Inc..EMI Date: 2003-01-09 Time: 20:34:17



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PART 15B VB (KNW-407)

EUT : Constant Care 3000 Two-way Communicator

M/N : 613000 (Baby's Unit)

OP Cond : TX Channel 1 (Monitor mode)

Test Engineer: Jimmy

Test Spec : Adaptor input 120V/60Hz output DC 9v

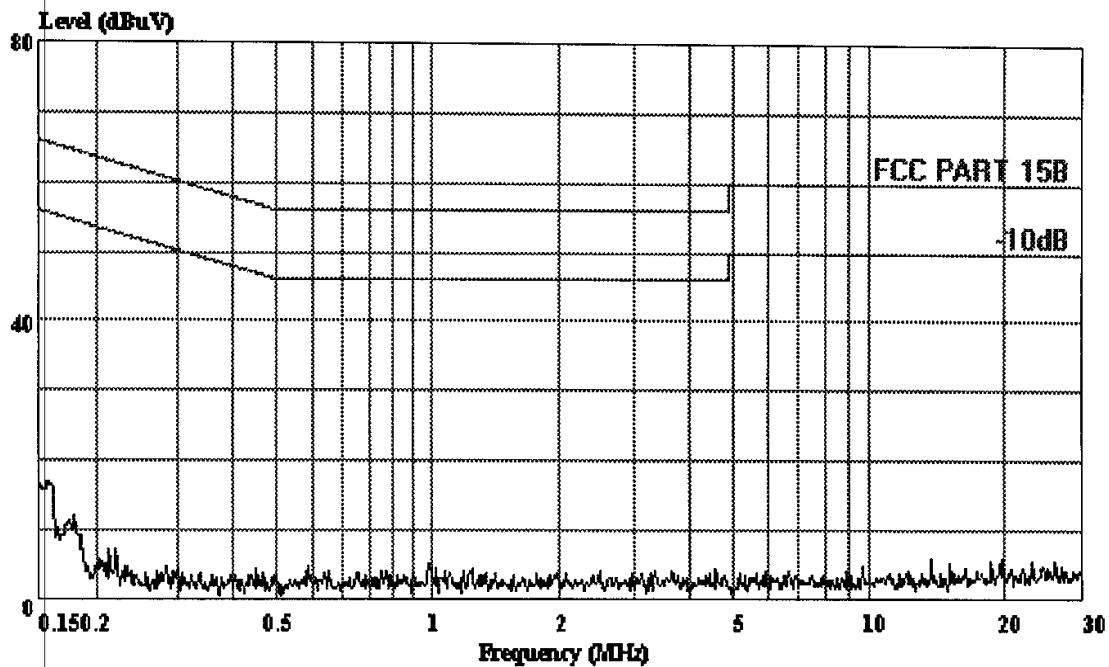
Comment : Temp:22'C

: Humi:47%



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Fax: 26632877

Data#: 27 File#: Evenflo Inc..EMI Date: 2003-01-09 Time: 20:31:27



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

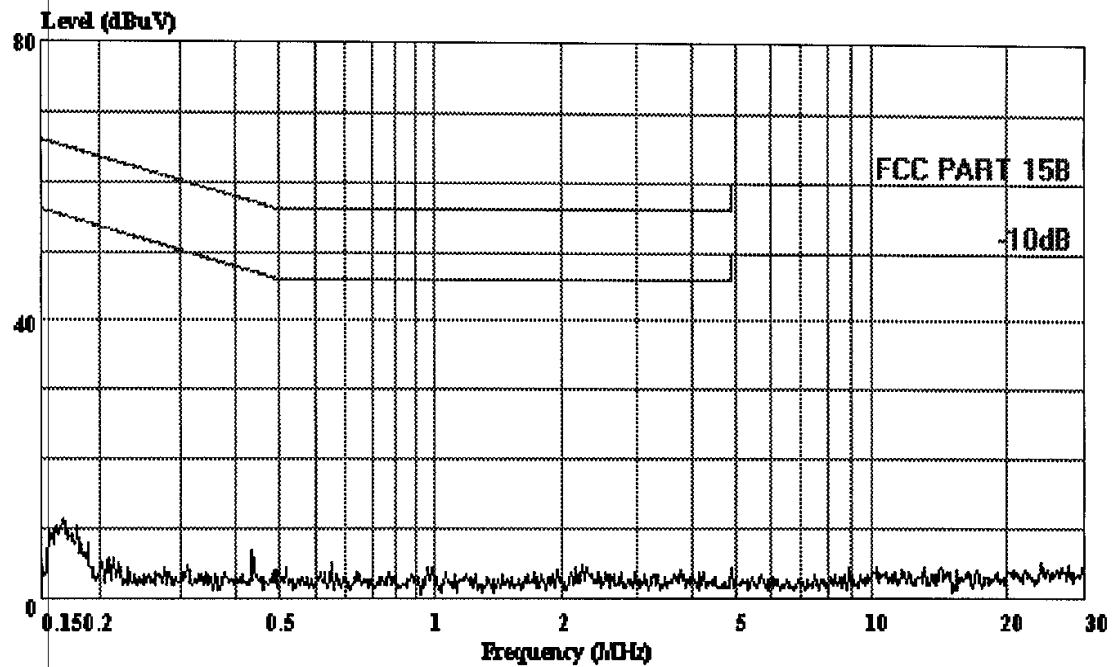
Ref Trace:

Condition: FCC PART 15B VA(KNW-407)  
EUT : Constant Care 3000 Two-way Communicator  
M/N : 613000 (Baby's Unit)  
OP Cond : TX Channel 2 (Monitor mode)  
Test Engineer: Jimmy  
Test Spec : Adaptor input 120V/60Hz output DC 9v  
Comment : Temp:22'C  
          : Humi:47%



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Fax:26632877

Data#: 26 File#: Evenflo Inc..EMI Date: 2003-01-09 Time: 20:30:00



**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)**

Trace:

Ref Trace:

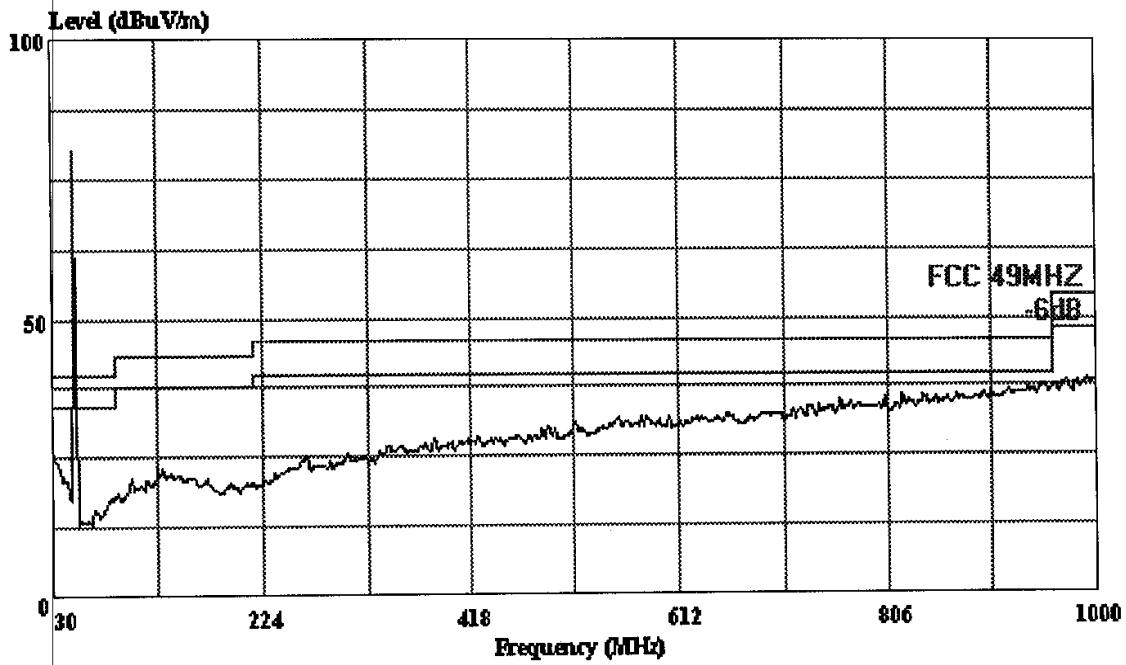
Condition: FCC PART 15B VB(KNW-407)  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000 (Baby's Unit)  
 OP Cond : TX Channel 2 (Monitor mode)  
 Test Engineer: Jimmy  
 Test Spec : Adaptor input 120V/60Hz output DC 9v  
 Comment : Temp:22'C  
           : Humi:47%

## APPENDIX II



Shenzhen Science & Ind Park  
Tel: 0755-26639496  
Fax: 26632877

Data#: 1 File#: Technic Star.EMI Date: 2003-01-09 Time: 21:53:59



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace:

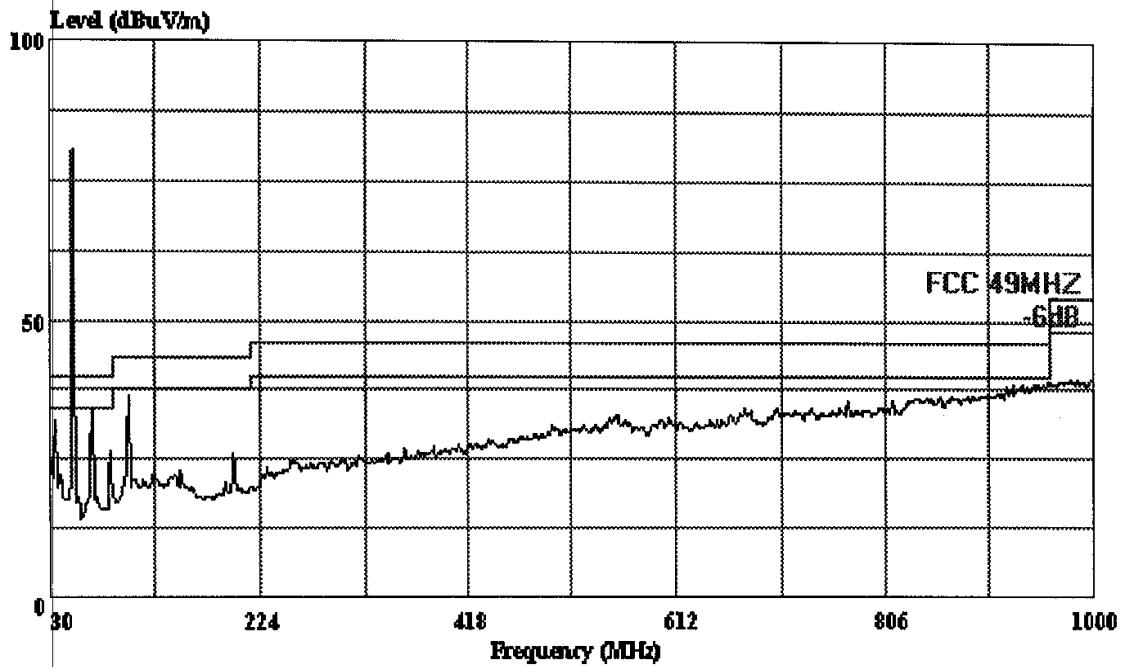
Ref Trace:

Condition: FCC 49MHZ 3m 2598FACTOR HORIZONTAL  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000 (Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 1 (intercom mode)



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Data#: 3 File#: Technic Star.EMI Date: 2003-01-09 Time: 21:56:25



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace:

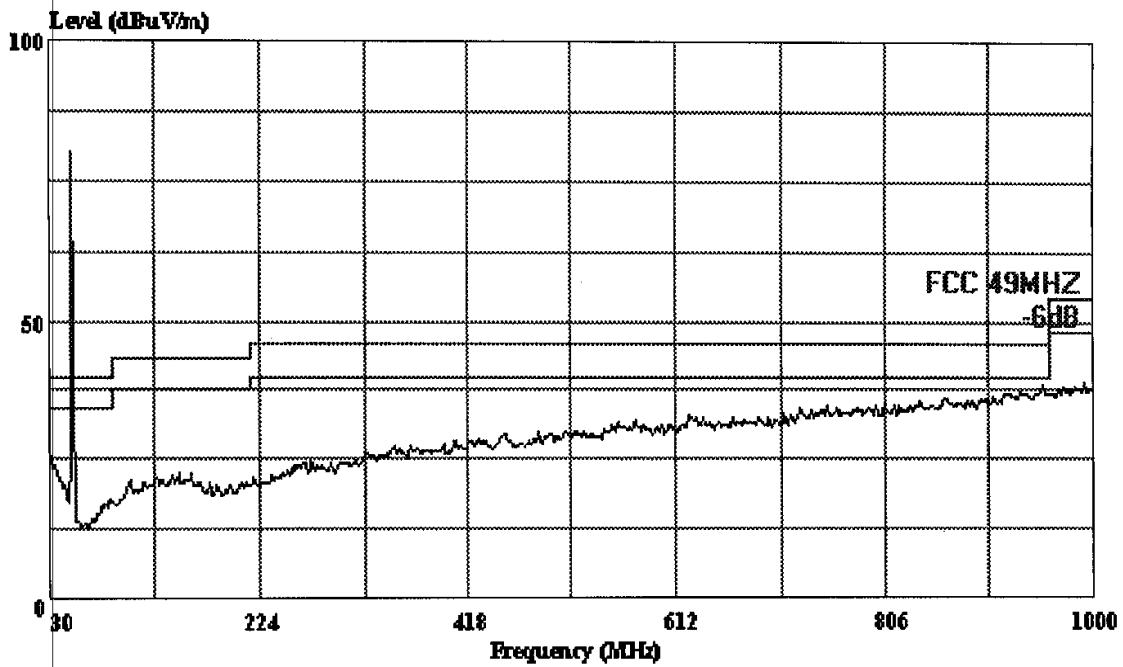
Ref Trace:

Condition: FCC 49MHZ 3m 2598FACTOR VERTICAL  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 1 (intercom mode)



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Data#: 7 File#: Technic Star.EMI Date: 2003-01-09 Time: 22:01:07



**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace:

Ref Trace:

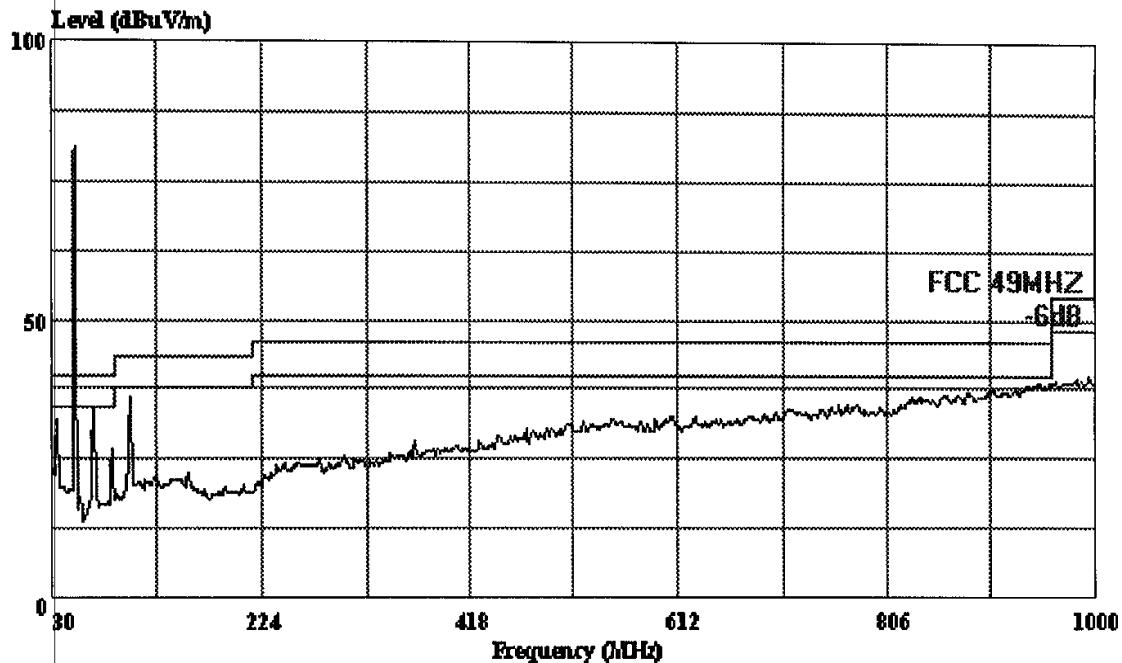
Condition:	FCC 49MHZ 3m 2598 FACTOR HORIZONTAL
EUT	: Constant Care 3000 Two-way Communicator
M/N	: 613000 (Baby's Unit)
Power	: Adaptor input 120V/60Hz output DC 9v
Test Engineer:	Jimmy
Memo	: TX Channel 2 (intercom mode)



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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Data#: 5 File#: Technic Star.EMI Date: 2003-01-09 Time: 21:58:41



Trace:

Ref Trace:

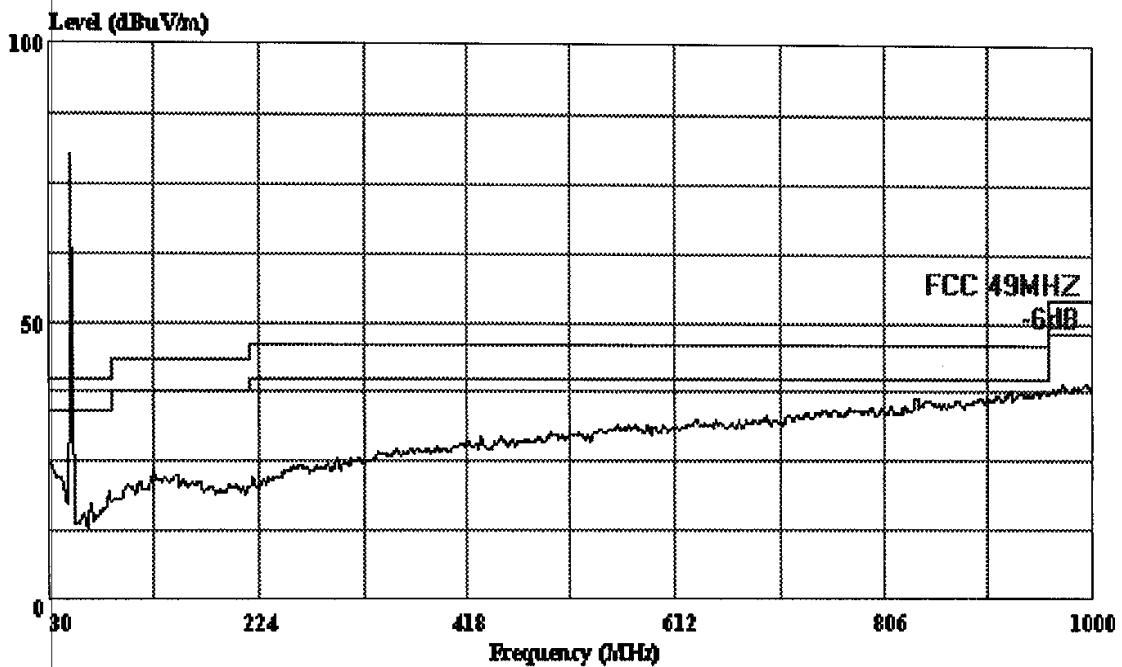
Condition: FCC 49MHZ 3m 2598FACTOR VERTICAL  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 2 (intercom mode)



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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Data#: 8 File#: Technic Star.EMI Date: 2003-01-10 Time: 16:31:12



Trace:

Ref Trace:

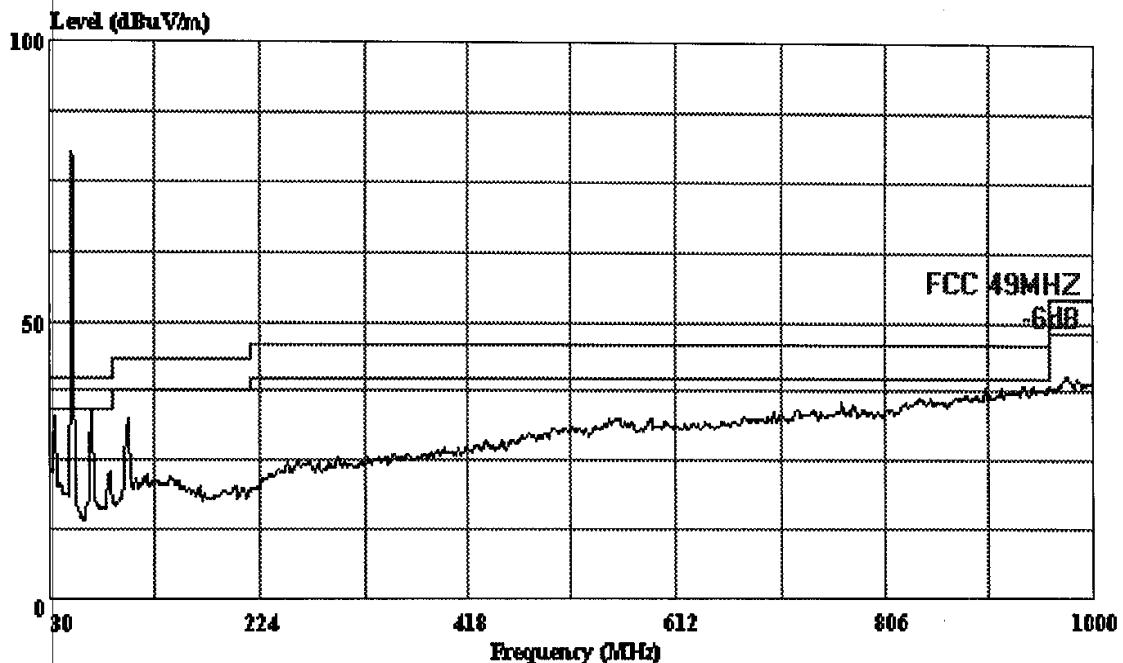
Condition: FCC 49MHZ 3m 2598FACTOR HORIZONTAL  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 1 (Monitor mode)



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Data#: 10 File#: Technic Star.EMI Date: 2003-01-10 Time: 16:33:59



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace:

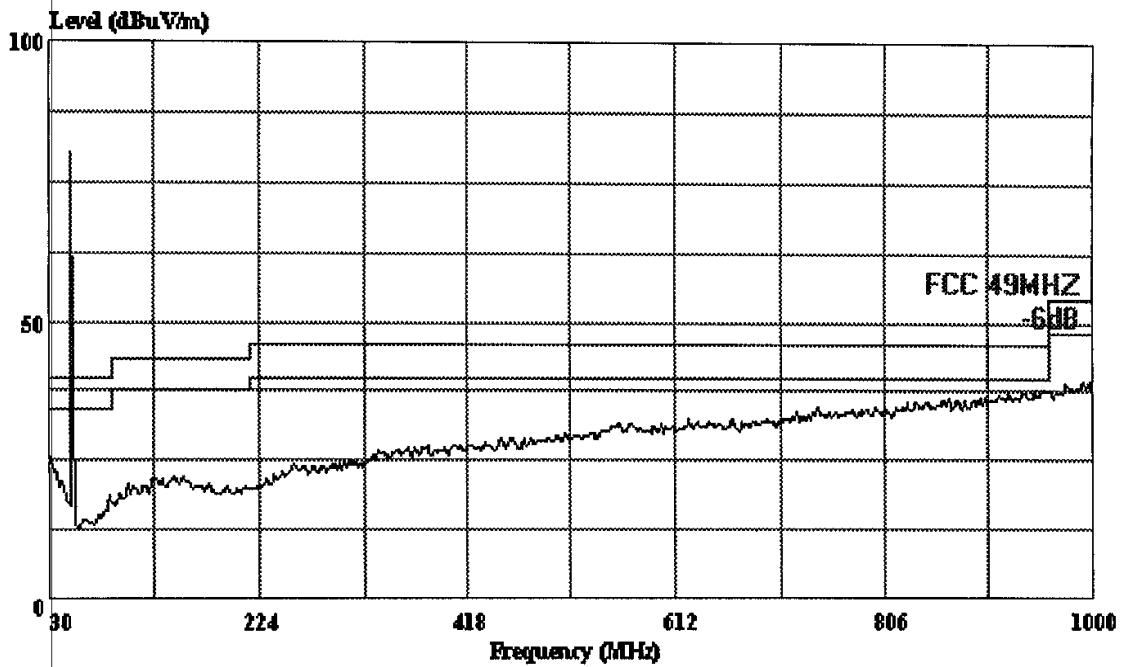
Ref Trace:

Condition: FCC 49MHZ 3m 2598FACTOR VERTICAL  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 1 (Monitor mode)



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Data#: 14 File#: Technic Star.EMI Date: 2003-01-10 Time: 16:40:35



Trace:

Ref Trace:

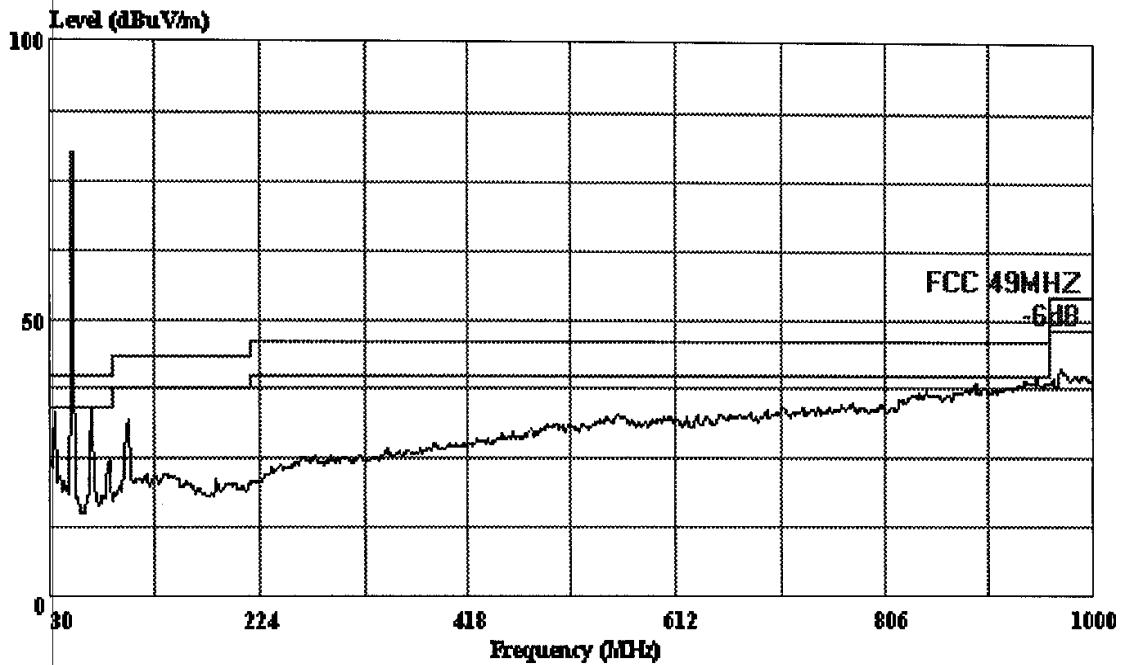
Condition: FCC 49MHZ 3m 2598FACTOR HORIZONTAL  
 EUT : Constant Care 3000 Two-way Communicator  
 M/N : 613000(Baby's Unit)  
 Power : Adaptor input 120V/60Hz output DC 9v  
 Test Engineer: Jimmy  
 Memo : TX Channel 2 (Monitor mode)



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Data#: 12 File#: Technic Star.EMI Date: 2003-01-10 Time: 16:37:50



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (G# Chamber)

Trace:

Ref Trace:

Condition:	FCC 49MHZ 3m 2598FACTOR VERTICAL
EUT	: Constant Care 3000 Two-way Communicator
M/N	: 613000(Baby's Unit)
Power	: Adaptor input 120V/60Hz output DC 9v
Test Engineer:	Jimmy
Memo	: TX Channel 2 (Monitor mode)