

Evervictory Electronic Company Limited

10.2" Car Use Roof Mount LCD DVD Combo

Model Number: PKG-RSE2

Prepared for : Evervictory Electronic Company Limited  
Chu-Chi Management District. Hu-men Town Dong Guan  
City Guang Dong Province China

Prepared By : Audix Technology (Shenzhen) Co., Ltd.  
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Report Number : ACS-F06112  
Date of Test : Mar.02,2006  
Date of Report : Mar.17,2006

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APPENDIX I

(13 pages)

## TEST REPORT DECLARATION

Applicant : Evervictory Electronic Company Limited  
 Manufacturer : Evervictory Electronic Company Limited  
 EUT Description : 10.2" Car Use Roof Mount LCD DVD Combo  
                     (A) MODEL NO. : PKG-RSE2  
                     (B) SERIAL NO. : N/A  
                     (C) POWER SUPPLY : DC 12V

Test Procedure Used:

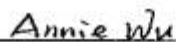
FCC Rules and Regulations Part 15 Subpart C Sep,2005

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.

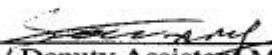
This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shenzhen) Co., Ltd.

Date of Test : Mar.02,2006

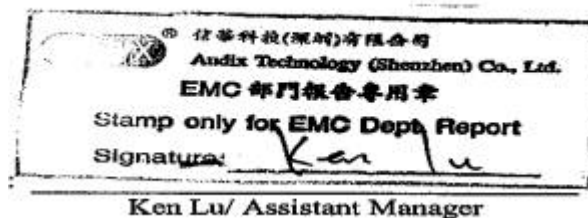
Prepared by :

  
 Annie Wu / Assistant

Reviewer :

  
 Sean Xing / Deputy Assistant Manager

Approved & Authorized Signer :



Name of the Representative of the Responsible Party : \_\_\_\_\_

Signature : \_\_\_\_\_

## 1. GENERAL INFORMATION

### 1.1. Description of Device (EUT)

Description : 10.2" Car Use Roof Mount LCD DVD Combo

Model Number : PKG-RSE2

Applicant : Evervictory Electronic Company Limited  
Chu-Chi Management District. Hu-men Town Dong Guan City  
Guang Dong Province China

Manufacturer : Evervictory Electronic Company Limited  
Chu-Chi Management District. Hu-men Town Dong Guan City  
Guang Dong Province China

Date of Test : Mar.02,2006

## 1.2. Test Facility

### Site Description

|                           |   |                                                                                                            |
|---------------------------|---|------------------------------------------------------------------------------------------------------------|
| 3m Anechoic Chamber       | : | Certificated by FCC, USA<br>Registration Number: 90454<br>Aug. 15, 2003                                    |
| 3m & 10m Anechoic Chamber | : | Certificated by FCC, USA<br>Registration Number: 794232<br>Mar. 15, 2004                                   |
| EMC Lab.                  | : | Certificated by DATech, German<br>Registration Number: DAT-P-091/99-01<br>Feb. 02, 2004                    |
|                           |   | Certificated by NVLAP, USA<br>NVLAP Code: 200372-0<br>Mar. 31, 2004                                        |
|                           |   | Certificated by Nemko, Norway<br>Aut. No.: ELA135<br>April. 22, 2004                                       |
|                           |   | Certificated by Industry Canada<br>Registration Number: IC 5183<br>Jul. 28, 2004                           |
| Name of Firm              | : | Audix Technology (Shenzhen) Co., Ltd.                                                                      |
| Site Location             | : | No. 6, Ke Feng Rd., 52 Block,<br>Shenzhen Science & Industrial Park,<br>Nantou, Shenzhen, Guangdong, China |

## 1.3. Test Uncertainty

| No. | Item                                    | Uncertainty | Remark      |
|-----|-----------------------------------------|-------------|-------------|
| 1.  | Uncertainty for Conducted Emission Test | 1.22dB      |             |
| 2.  | Uncertainty for Radiated Emission Test  | 3.14dB      | 3m Chamber  |
| 3.  | Uncertainty for Radiated Emission Test  | 3.18dB      | 10m Chamber |
| 4.  | Uncertainty for Power Clamp Test        | 1.38dB      |             |

## 2. RADIATED EMISSION TEST

### 2.1. Test Equipment

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

#### 2.1.1. For Anechoic Chamber

| Item | Equipment      | Manufacturer    | Model No. | Serial No.      | Last Cal.   | Cal. Interval |
|------|----------------|-----------------|-----------|-----------------|-------------|---------------|
| 1.   | EMI Spectrum   | HP              | 85422E    | 3625A00181      | May 16, 05  | 1 Year        |
| 2.   | Test Receiver  | Rohde & Schwarz | ESVS20    | 830350/005      | May 16, 05  | 1 Year        |
| 3.   | Amplifier      | HP              | 8447D     | 2944A07794      | Mar.13, 06  | 1/2 Year      |
| 4.   | Bilog Antenna  | Schaffner       | CBL6111C  | 2598            | Jan. 11, 06 | 1 Year        |
| 5.   | RF Cable       | MIYAZAKI        | 5D-2W     | 3# Chamber No.1 | Jan. 28, 06 | 1/2 Year      |
| 6.   | RF Cable       | MIYAZAKI        | 5D-2W     | 3# Chamber No.2 | Jan. 28, 06 | 1/2 Year      |
| 7.   | RF Cable       | FUJIKURA        | RG-55/U   | 3# Chamber No.3 | Jan. 28, 06 | 1/2 Year      |
| 8.   | RF Cable       | FUJIKURA        | RG-55/U   | 3# Chamber No.4 | Jan. 28, 06 | 1/2 Year      |
| 9.   | Coaxial Switch | Anritsu         | MP59B     | M73989          | Jan. 28, 06 | 1/2 Year      |

### 2.2. Block Diagram of Test Setup

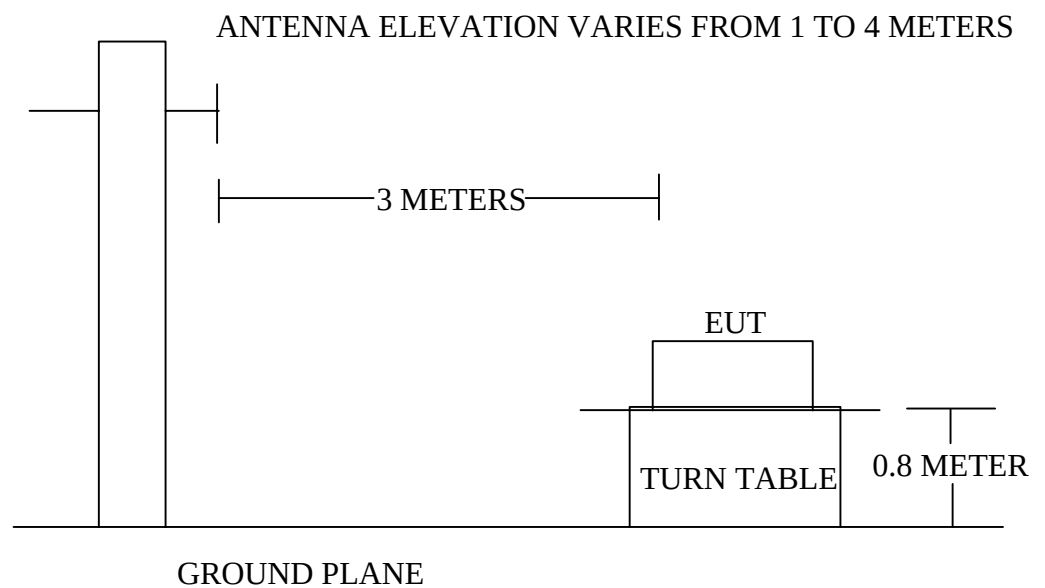
#### 2.2.1. Block Diagram of connection between EUT and simulators



(EUT: 10.2" Car Use Roof Mount LCD DVD Combo)

### 2.2.2. Anechoic Chamber Setup Diagram

#### ANTENNA TOWER



### 2.3. Radiated Emission Limit 30~1000MHz

| FREQUENCY<br>MHz | DISTANCE<br>Meters | FIELD STRENGTHS LIMIT  |                                   |
|------------------|--------------------|------------------------|-----------------------------------|
|                  |                    | $\mu\text{V}/\text{m}$ | $\text{dB}(\mu\text{V})/\text{m}$ |
| 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  $\text{dB}\mu\text{V} = 20 \log$  Emission level  $\mu\text{V}/\text{m}$
  - (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.

## 2.4. 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.

### 2.4.1. 10.2" Car Use Roof Mount LCD DVD Combo (EUT)

|               |   |                                        |
|---------------|---|----------------------------------------|
| Model Number  | : | PKG-RSE2                               |
| Serial Number | : | N/A                                    |
| Manufacturer  | : | Evervictory Electronic Company Limited |

## 2.5. Operating Condition of EUT

2.5.1. Setup the EUT as shown in Section 3.2..

2.5.2. Let the EUT work in test modes (FM 88.1MHz/FM 89.7MHz/FM 91.1MHz) and test it.

## 2.6. 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 C63.4-2003 on radiated emission Test.

The bandwidth of the EMI test receiver (R&S ESVS20) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

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

The test modes (FM 88.1MHz/FM 89.7MHz/FM 91.1MHz) is tested in Anechoic Chamber and all the scanning waveforms are attached in Appendix I.

## 2.7. Radiated Emission Test Results

**PASS.**

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

|                |                                           |               |            |
|----------------|-------------------------------------------|---------------|------------|
| Date of Test : | Mar.02,2006                               | Temperature : | 23°C       |
| EUT :          | 10.2" Car Use Roof Mount LCD<br>DVD Combo | Humidity :    | 54%        |
| Model No. :    | PKG-RSE2                                  | Test Mode :   | FM 88.1MHz |
| Test Engineer: | jack                                      |               |            |

| Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB | Meter Reading<br>Horizontal<br>dBμV | Emission Level<br>Horizontal<br>dBμV/m | Over<br>Limits<br>dB | Limits<br>dBμV/m |
|------------------|---------------------------|---------------------|-------------------------------------|----------------------------------------|----------------------|------------------|
| <b>88.100</b>    | <b>8.85</b>               | <b>1.98</b>         | <b>32.25</b>                        | <b>43.08</b>                           | <b>-4.87</b>         | <b>47.95</b>     |
| 176.200          | 10.03                     | 2.95                | 24.83                               | 37.81                                  | -5.69                | 43.50            |
| 264.300          | 13.46                     | 3.62                | 21.67                               | 38.75                                  | -7.25                | 46.00            |
| 440.300          | 16.68                     | 4.38                | 16.47                               | 37.98                                  | -8.02                | 46.00            |
| 528.600          | 18.00                     | 5.39                | 12.93                               | 36.32                                  | -9.68                | 46.00            |
| 969.100          | 23.24                     | 7.60                | 9.72                                | 40.56                                  | -13.44               | 54.00            |

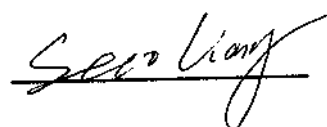
Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 88.100MHz with corrected signal level of 43.08dBμV/m(Limit is 47.95 dBμV/m) when the antenna was at horizontal polarization and at 2.0m high and the turn table was at 330 ° .

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer :



Date of Test : Mar.02,2006      Temperature : 23°C  
 EUT : 10.2" Car Use Roof Mount LCD      Humidity : 54%  
           DVD Combo  
 Model No. : PKG-RSE2      Test Mode : FM 88.1MHz  
 Test : jack  
 Engineer: \_\_\_\_\_

| Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB | Meter Reading<br>Vertical<br>dB $\mu$ V | Emission Level<br>Vertical<br>dB $\mu$ V/m | Over<br>Limits<br>dB | Limits<br>dB $\mu$ V/m |
|------------------|---------------------------|---------------------|-----------------------------------------|--------------------------------------------|----------------------|------------------------|
| <b>88.100</b>    | <b>7.66</b>               | <b>1.98</b>         | <b>33.11</b>                            | <b>42.75</b>                               | <b>-5.20</b>         | <b>47.95</b>           |
| 176.200          | 7.46                      | 2.95                | 23.11                                   | 33.53                                      | -9.97                | 43.50                  |
| 264.300          | 12.51                     | 3.62                | 23.85                                   | 39.97                                      | -6.03                | 46.00                  |
| 440.300          | 16.29                     | 4.83                | 11.98                                   | 33.11                                      | -12.89               | 46.00                  |
| 881.000          | 22.36                     | 7.31                | 9.49                                    | 39.16                                      | -6.84                | 46.00                  |
| 969.100          | 24.48                     | 7.60                | 9.20                                    | 41.28                                      | -12.72               | 54.00                  |

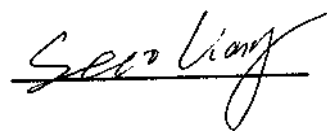
Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 88.100MHz with corrected signal level of 42.75dB $\mu$ V/m(Limit is 46.00dB $\mu$ V/m) when the antenna was at vertical polarization and at 1.0m high and the turn table was at 110 ° .

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer :



Date of Test : Mar.02,2006      Temperature : 23°C  
 EUT : 10.2" Car Use Roof Mount LCD      Humidity : 54%  
       DVD Combo  
 Model No. : PKG-RSE2      Test Mode : FM 89.7MHz  
 Test : jack  
 Engineer: \_\_\_\_\_

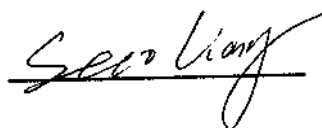
| Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB | Meter Reading<br>Horizontal<br>dBμV | Emission Level<br>Horizontal<br>dBμV/m | Over<br>Limits<br>dB | Limits<br>dBμV/m |
|------------------|---------------------------|---------------------|-------------------------------------|----------------------------------------|----------------------|------------------|
| <b>89.700</b>    | <b>9.04</b>               | <b>1.96</b>         | <b>22.77</b>                        | <b>33.76</b>                           | <b>-14.19</b>        | <b>47.95</b>     |
| 179.400          | 9.44                      | 2.86                | 15.93                               | 28.23                                  | -15.27               | 43.50            |
| 242.430          | 11.54                     | 3.45                | 11.53                               | 26.52                                  | -19.48               | 46.00            |
| 286.080          | 12.93                     | 3.79                | 10.42                               | 27.14                                  | -18.86               | 46.00            |
| 363.680          | 15.58                     | 4.42                | 7.37                                | 27.37                                  | -18.63               | 46.00            |
| 986.700          | 23.52                     | 7.73                | 0.97                                | 32.22                                  | -21.78               | 54.00            |

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 89.700MHz with corrected signal level of 29.76dBμV/m(Limit is 43.500 dBμV/m) when the antenna was at horizontal polarization and at 2.0m high and the turn table was at 330 ° .

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer : 

Date of Test : Mar.02,2006      Temperature : 23°C  
 EUT : 10.2" Car Use Roof Mount LCD      Humidity : 54%  
       DVD Combo  
 Model No. : PKG-RSE2      Test Mode : FM 89.7MHz  
 Test : jack  
 Engineer: \_\_\_\_\_

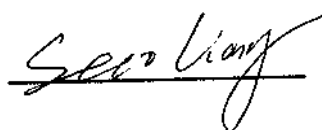
| Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB | Meter Reading<br>Vertical<br>dB $\mu$ V | Emission Level<br>Vertical<br>dB $\mu$ V/m | Over<br>Limits<br>dB | Limits<br>dB $\mu$ V/m |
|------------------|---------------------------|---------------------|-----------------------------------------|--------------------------------------------|----------------------|------------------------|
| <b>89.700</b>    | <b>8.01</b>               | <b>1.96</b>         | <b>26.51</b>                            | <b>36.48</b>                               | <b>-11.47</b>        | <b>47.95</b>           |
| 179.400          | 7.26                      | 2.86                | 21.77                                   | 31.89                                      | -11.61               | 43.50                  |
| 198.780          | 8.49                      | 3.07                | 19.22                                   | 30.78                                      | -12.72               | 43.50                  |
| 439.340          | 16.20                     | 4.86                | 11.72                                   | 32.79                                      | -13.21               | 46.00                  |
| 717.600          | 21.16                     | 6.38                | 5.89                                    | 33.43                                      | -12.57               | 46.00                  |
| 972.840          | 24.58                     | 7.67                | 7.99                                    | 40.24                                      | -13.76               | 54.00                  |

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 89.700MHz with corrected signal level of 36.48dB $\mu$ V/m (Limit is 40.00dB $\mu$ V/m) when the antenna was at vertical polarization and at 1.0m high and the turn table was at 110 °.

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

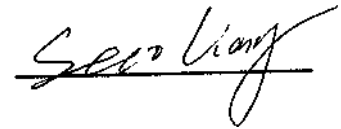
Reviewer : 

Date of Test : Mar.02,2006      Temperature : 23°C  
 EUT : 10.2" Car Use Roof Mount LCD      Humidity : 54%  
       DVD Combo  
 Model No. : PKG-RSE2      Test Mode : FM 91.1MHz  
 Test : jack  
 Engineer: \_\_\_\_\_

| Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB | Meter Reading<br>Horizontal<br>dBμV | Emission Level<br>Horizontal<br>dBμV/m | Over<br>Limits<br>dB | Limits<br>dBμV/m |
|------------------|---------------------------|---------------------|-------------------------------------|----------------------------------------|----------------------|------------------|
| <b>91.100</b>    | <b>9.15</b>               | <b>1.99</b>         | <b>25.09</b>                        | <b>36.22</b>                           | <b>-11.73</b>        | <b>47.95</b>     |
| 242.430          | 11.54                     | 3.45                | 18.43                               | 33.42                                  | -12.58               | 46.00            |
| 273.300          | 12.94                     | 3.74                | 16.65                               | 33.24                                  | -12.76               | 46.00            |
| 286.080          | 12.93                     | 3.79                | 15.64                               | 32.36                                  | -13.64               | 46.00            |
| 310.330          | 13.53                     | 3.93                | 13.82                               | 31.28                                  | -14.72               | 46.00            |
| 819.800          | 21.74                     | 6.93                | 4.90                                | 33.58                                  | -12.42               | 46.00            |

- Remark: 1. All readings are Quasi-Peak values.  
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading  
 3. The worst emission was detected at 91.100MHz with corrected signal level of 36.22dBμV/m(Limit is 47.95 dBμV/m) when the antenna was at horizontal polarization and at 2.0m high and the turn table was at 330 ° .  
 4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer :



Date of Test : Mar.02,2006      Temperature : 23°C  
 EUT : 10.2" Car Use Roof Mount LCD      Humidity : 54%  
           DVD Combo  
 Model No. : PKG-RSE2      Test Mode : FM 91.1MHz  
 Test : jack  
 Engineer: \_\_\_\_\_

| Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB | Meter Reading<br>Vertical<br>dBμV | Emission Level<br>Vertical<br>dBμV/m | Over<br>Limits<br>dB | Limits<br>dBμV/m |
|------------------|---------------------------|---------------------|-----------------------------------|--------------------------------------|----------------------|------------------|
| <b>91.100</b>    | <b>8.13</b>               | <b>1.99</b>         | <b>30.46</b>                      | <b>40.58</b>                         | <b>-7.37</b>         | <b>47.95</b>     |
| 182.200          | 7.36                      | 3.02                | 24.32                             | 34.70                                | -8.81                | 43.50            |
| 198.780          | 8.49                      | 3.07                | 19.69                             | 31.25                                | -12.25               | 43.50            |
| 439.340          | 16.20                     | 4.86                | 12.14                             | 33.21                                | -12.79               | 46.00            |
| 450.200          | 16.37                     | 5.03                | 4.57                              | 25.98                                | -20.02               | 46.00            |
| 911.000          | 22.89                     | 7.32                | 7.57                              | 37.78                                | -8.22                | 46.00            |

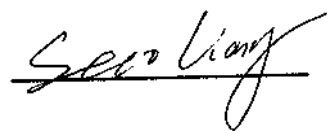
Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 91.100MHz with corrected signal level of 40.58dBμV/m(Limit is 47.95dBμV/m) when the antenna was at vertical polarization and at 1.0m high and the turn table was at 110 ° .

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer :

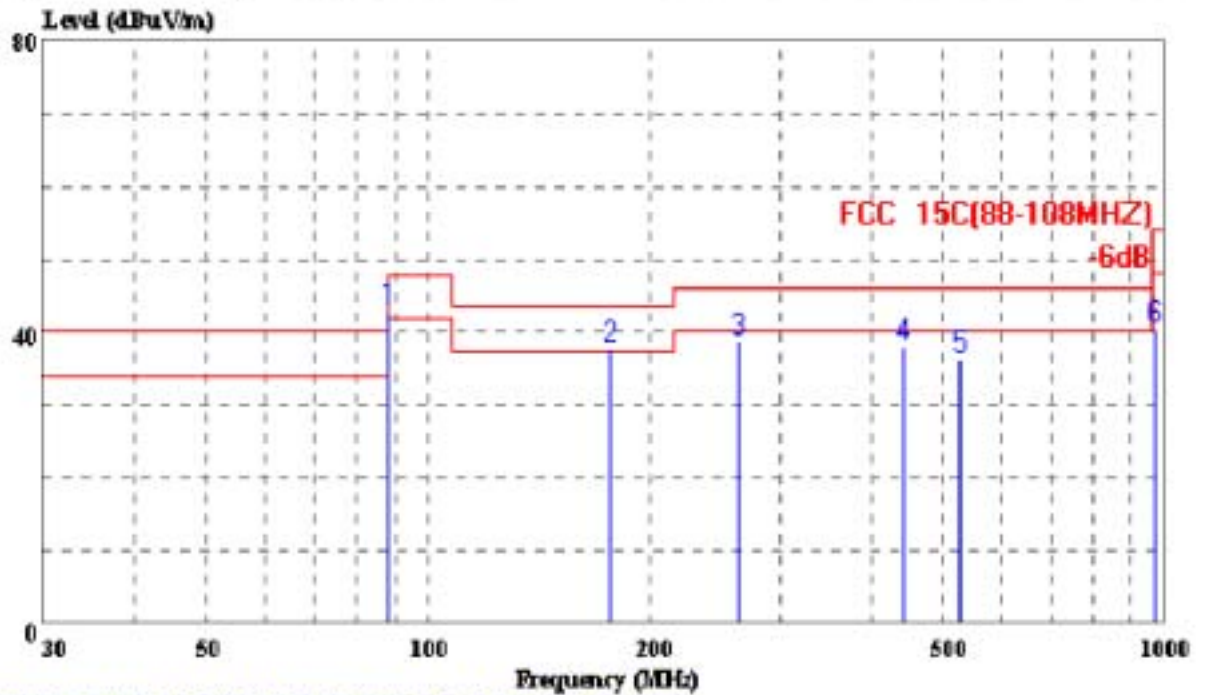




No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 4 File#: ACS6Q099R1.EMI

Date: 2006-03-02 Time: 20:42:49



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

Trace:

Ref Trace:

Condition: FCC 15C(88-108MHz) 3m 2598FACTOR HORIZONTAL  
EUT : 10.2'' car use roof mount LCD DVD combo  
M/N : PKG-RSE2  
OP Condition : TX Mode  
Test Spec : DC 12V  
Test Engineer: Jack  
Comment : Temp:23° Humi:54%  
Memo : FM 88.1MHz  
Memo : H:2.0m Deg:330°

Page: 1

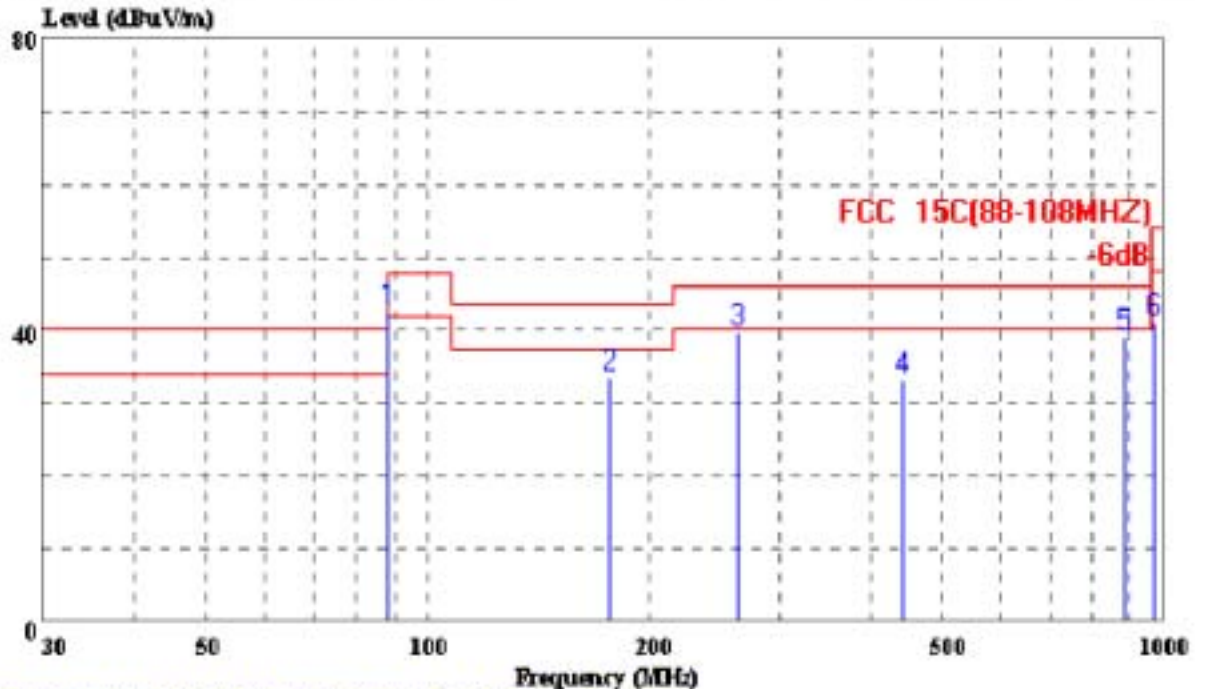
|   | Freq    | Level  | Limit  | Over   | Read  | Cable | Probe  |
|---|---------|--------|--------|--------|-------|-------|--------|
|   | MHz     | dBuV/m | Line   | Limit  | Level | Loss  | Factor |
|   |         |        | dBuV/m | dB     | dBuV  | dB    | dB     |
| 1 | 88.100  | 43.08  | 47.95  | -4.87  | 32.25 | 1.98  | 8.85   |
| 2 | 176.200 | 37.81  | 43.50  | -5.69  | 24.83 | 2.95  | 10.03  |
| 3 | 264.300 | 38.75  | 46.00  | -7.25  | 21.67 | 3.62  | 13.46  |
| 4 | 440.300 | 37.98  | 46.00  | -8.02  | 16.47 | 4.83  | 16.68  |
| 5 | 528.600 | 36.32  | 46.00  | -9.68  | 12.93 | 5.39  | 18.00  |
| 6 | 969.100 | 40.56  | 54.00  | -13.44 | 9.72  | 7.60  | 23.24  |



No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 2 File#: ACS6Q099R1.EMI

Date: 2006-03-02 Time: 20:40:21



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

Trace:

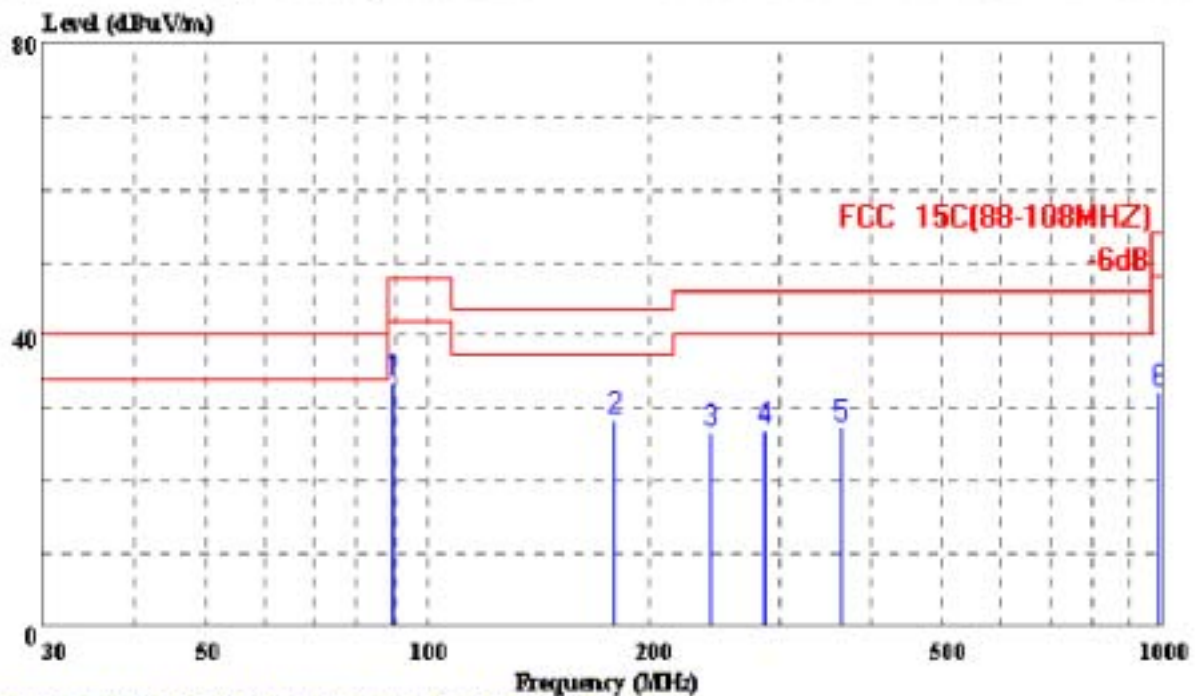
Ref Trace:

Condition: FCC 15C(88-108MHz) 3m 2598FACTOR VERTICAL  
EUT : 10.2'' car use roof mount LCD DVD combo  
M/N : PKG-RSE2  
OP Condition : TX Mode  
Test Spec : DC 12V  
Test Engineer: Jack  
Comment : Temp:23' Humi:54%  
Memo : FM 88.1MHz  
Memo : H:1.0m Deg:110'

Page: 1

|   | Freq    | Level  | Limit  | Over   | Read  | Cable | Probe  |
|---|---------|--------|--------|--------|-------|-------|--------|
|   | MHz     | dBuV/m | Line   | Limit  | Level | Loss  | Factor |
|   | MHz     | dBuV/m | dBuV/m | dB     | dBuV  | dB    | dB     |
| 1 | 88.100  | 42.75  | 47.95  | -5.20  | 33.11 | 1.98  | 7.66   |
| 2 | 176.200 | 33.53  | 43.50  | -9.97  | 23.11 | 2.95  | 7.46   |
| 3 | 264.300 | 39.97  | 46.00  | -6.03  | 23.85 | 3.62  | 12.51  |
| 4 | 440.300 | 33.11  | 46.00  | -12.89 | 11.98 | 4.83  | 16.29  |
| 5 | 881.000 | 39.16  | 46.00  | -6.84  | 9.49  | 7.31  | 22.36  |
| 6 | 969.100 | 41.28  | 54.00  | -12.72 | 9.20  | 7.60  | 24.48  |

Data#: 8      File#: ACS6Q099R1.EMI      Date: 2006-03-02    Time: 20:58:39



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

Trace:

Ref Trace:

Condition: FCC 15C(88-108MHZ) 3m 2598FACTOR HORIZONTAL  
EUT : 10.2'' car use roof mount LCD DVD combo  
M/N : PKG-RSE2  
OP Condition : TX Mode  
Test Spec : DC 12V  
Test Engineer: Jack  
Comment : Temp:23' Humi:54%  
Memo : FM 89.7MHz  
Memo : H:2.0m Deg:330'

Page: 1

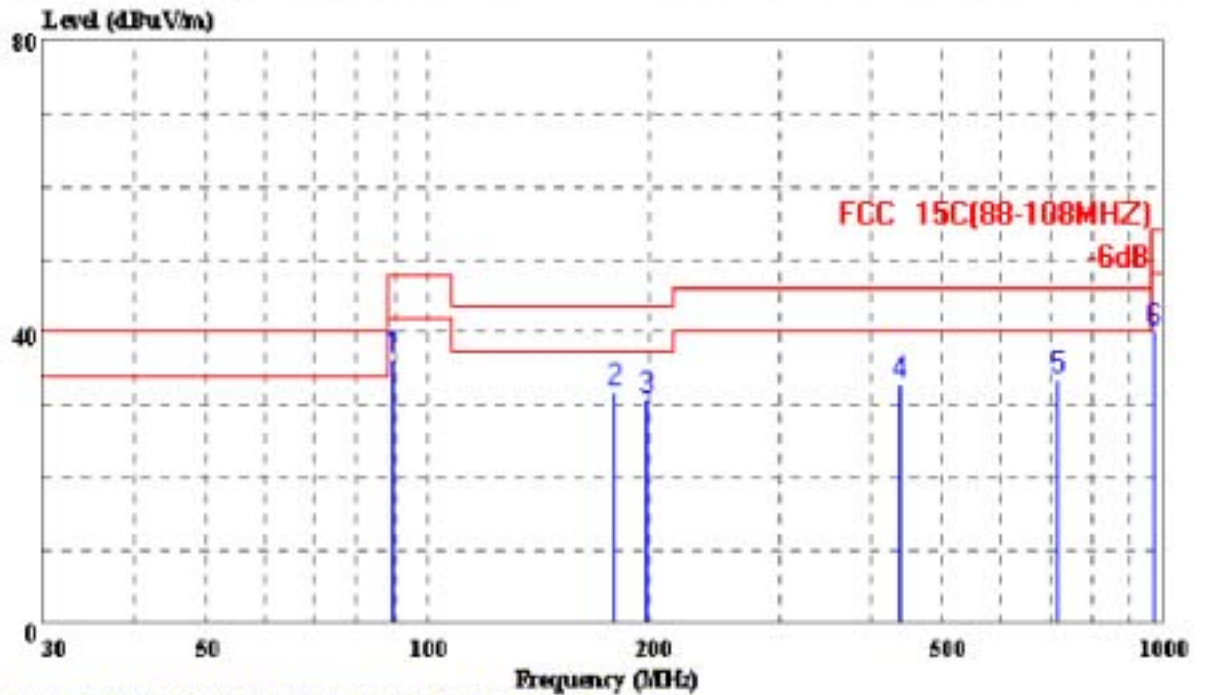
|   | Freq    | Level  | Limit  | Over   | Read  | Cable | Probe  |
|---|---------|--------|--------|--------|-------|-------|--------|
|   | MHz     | dBuV/m | Line   | Limit  | Level | Loss  | Factor |
|   | MHz     | dBuV/m | dBuV/m | dB     | dBuV  | dB    | dB     |
| 1 | 89.700  | 33.76  | 47.95  | -14.19 | 22.77 | 1.96  | 9.04   |
| 2 | 179.400 | 28.23  | 43.50  | -15.27 | 15.93 | 2.86  | 9.44   |
| 3 | 242.430 | 26.52  | 46.00  | -19.48 | 11.53 | 3.45  | 11.54  |
| 4 | 286.080 | 27.14  | 46.00  | -18.86 | 10.42 | 3.79  | 12.93  |
| 5 | 363.680 | 27.37  | 46.00  | -18.63 | 7.37  | 4.42  | 15.58  |
| 6 | 986.700 | 32.22  | 54.00  | -21.78 | 0.97  | 7.73  | 23.52  |



No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 10 File#: ACS6Q099R1.EMI

Date: 2006-03-02 Time: 20:59:59



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

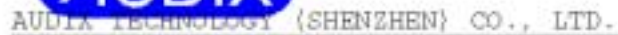
Trace:

Ref Trace:

Condition: FCC 15C(88-108MHz) 3m 2598FACTOR VERTICAL  
EUT : 10.2'' car use roof mount LCD DVD combo  
M/N : PKG-RSE2  
OP Condition : TX Mode  
Test Spec : DC 12V  
Test Engineer: Jack  
Comment : Temp:23' Humi:54%  
Memo : FM 89.7MHz  
Memo : H:1.0m Deg:110'

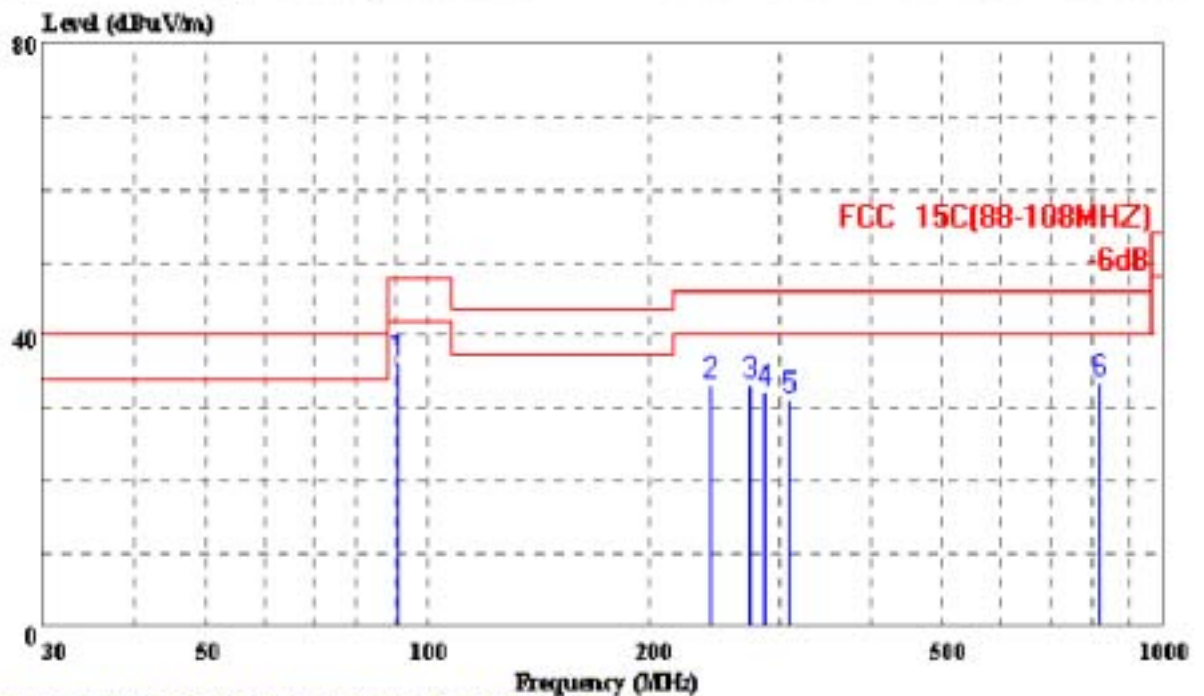
Page: 1

|   | Freq    | Level  | Limit  | Over   | Read  | Cable | Probe  |
|---|---------|--------|--------|--------|-------|-------|--------|
|   | MHz     | dBuV/m | Line   | Limit  | Level | Loss  | Factor |
|   | MHz     | dBuV/m | dBuV/m | dB     | dBuV  | dB    | dB     |
| 1 | 89.700  | 36.48  | 47.95  | -11.47 | 26.51 | 1.96  | 8.01   |
| 2 | 179.400 | 31.89  | 43.50  | -11.61 | 21.77 | 2.86  | 7.26   |
| 3 | 198.780 | 30.78  | 43.50  | -12.72 | 19.22 | 3.07  | 8.49   |
| 4 | 439.340 | 32.79  | 46.00  | -13.21 | 11.72 | 4.86  | 16.20  |
| 5 | 717.600 | 33.43  | 46.00  | -12.57 | 5.89  | 6.38  | 21.16  |
| 6 | 972.840 | 40.24  | 54.00  | -13.76 | 7.99  | 7.67  | 24.58  |



Data#: 14      File#: ACS6Q099R1.EMI

Date: 2006-03-02 Time: 21:04:44



Trace:

Ref Trace:

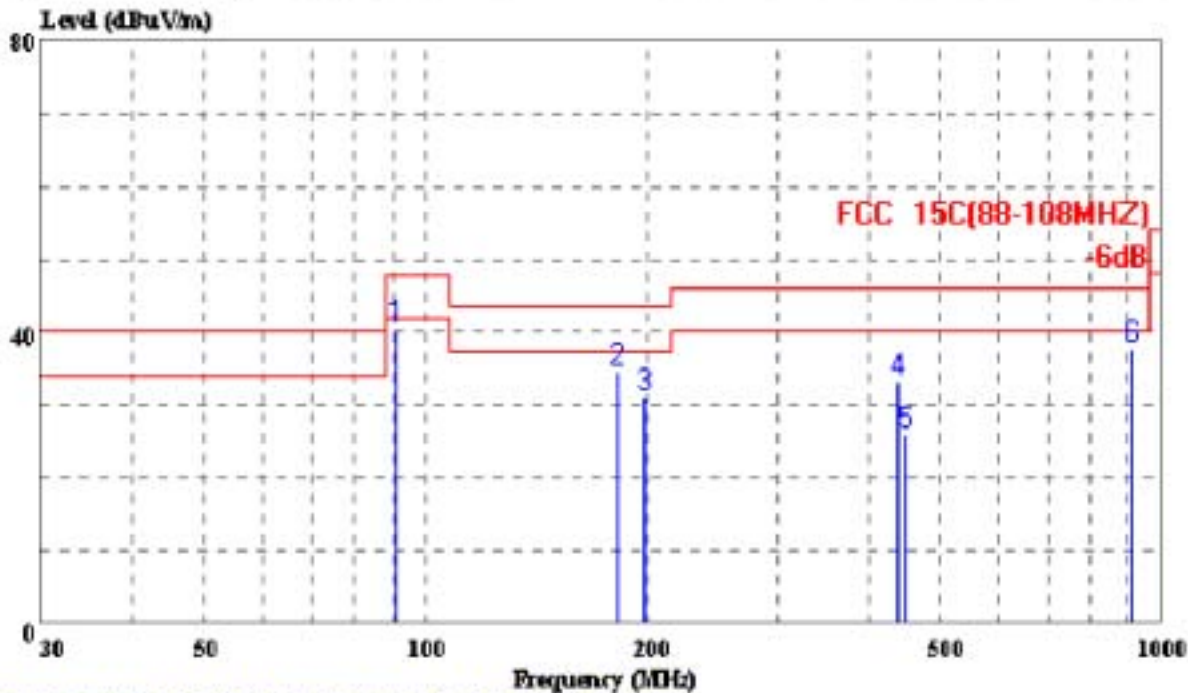
```
Condition: FCC 15C(88-108MHZ) 3m 2598FACTOR HORIZONTAL
EUT      : 10.2'' car use roof mount LCD DVD combo
M/N      : PKG-RSE2
OP Condition : TX Mode
Test Spec  : DC 12V
Test Engineer: Jack
Comment    : Temp:23° Humi:54%
Memo       : FM 91.1MHz
Memo       : H:2.0m Deg:330°
```

Page: 1

|   | Freq    | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Cable<br>Loss | Probe<br>Factor |
|---|---------|--------|---------------|---------------|---------------|---------------|-----------------|
|   | MHz     | dBuV/m | dBuV/m        | dB            | dBuV          | dB            | dB              |
| 1 | 91.100  | 36.22  | 47.95         | -11.73        | 25.09         | 1.99          | 9.15            |
| 2 | 242.430 | 33.42  | 46.00         | -12.58        | 18.43         | 3.45          | 11.54           |
| 3 | 273.300 | 33.24  | 46.00         | -12.76        | 16.56         | 3.74          | 12.94           |
| 4 | 286.080 | 32.36  | 46.00         | -13.64        | 15.64         | 3.79          | 12.93           |
| 5 | 310.330 | 31.28  | 46.00         | -14.72        | 13.82         | 3.93          | 13.53           |
| 6 | 819.800 | 33.58  | 46.00         | -12.42        | 4.90          | 6.93          | 21.74           |



Data#: 12      File#: ACS6Q099R1.EMI      Date: 2006-03-02    Time: 21:02:35



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

Trace:

Ref Trace:

Condition: FCC 15C(88-108MHZ) 3m 2598FACTOR VERTICAL  
EUT : 10.2'' car use roof mount LCD DVD combo  
M/N : PKG-RSE2  
OP Condition : TX Mode  
Test Spec : DC 12V  
Test Engineer: Jack  
Comment : Temp:23' Humi:54%  
Memo : FM 91.1MHz  
Memo : H:1.0m Deg:110'

Page: 1

|   | Freq    | Level  | Limit  | Over   | Read  | Cable | Probe  |
|---|---------|--------|--------|--------|-------|-------|--------|
|   | MHz     | dBuV/m | Line   | Limit  | Level | Loss  | Factor |
|   | MHz     | dBuV/m | dBuV/m | dB     | dBuV  | dB    | dB     |
| 1 | 91.100  | 40.58  | 47.95  | -7.37  | 30.46 | 1.99  | 8.13   |
| 2 | 182.200 | 34.70  | 43.50  | -8.81  | 24.32 | 3.02  | 7.36   |
| 3 | 198.780 | 31.25  | 43.50  | -12.25 | 19.69 | 3.07  | 8.49   |
| 4 | 439.340 | 33.21  | 46.00  | -12.79 | 12.14 | 4.86  | 16.20  |
| 5 | 450.200 | 25.98  | 46.00  | -20.02 | 4.57  | 5.03  | 16.37  |
| 6 | 911.000 | 37.78  | 46.00  | -8.22  | 7.57  | 7.32  | 22.89  |

### 3. BANDWIDTH TEST

#### 3.1. 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 | May 16, 05 | 1 Y           |
| 2.   | Antenna   | EMCO         | 3115      | 9607-4877  | Dec 15, 05 | 1.5 Y         |

#### 3.2. Test Standard

The test completeness FCC 15C (239).

#### 3.3. Bandwidth Limit

200kHz wide centered on the operation frequency.

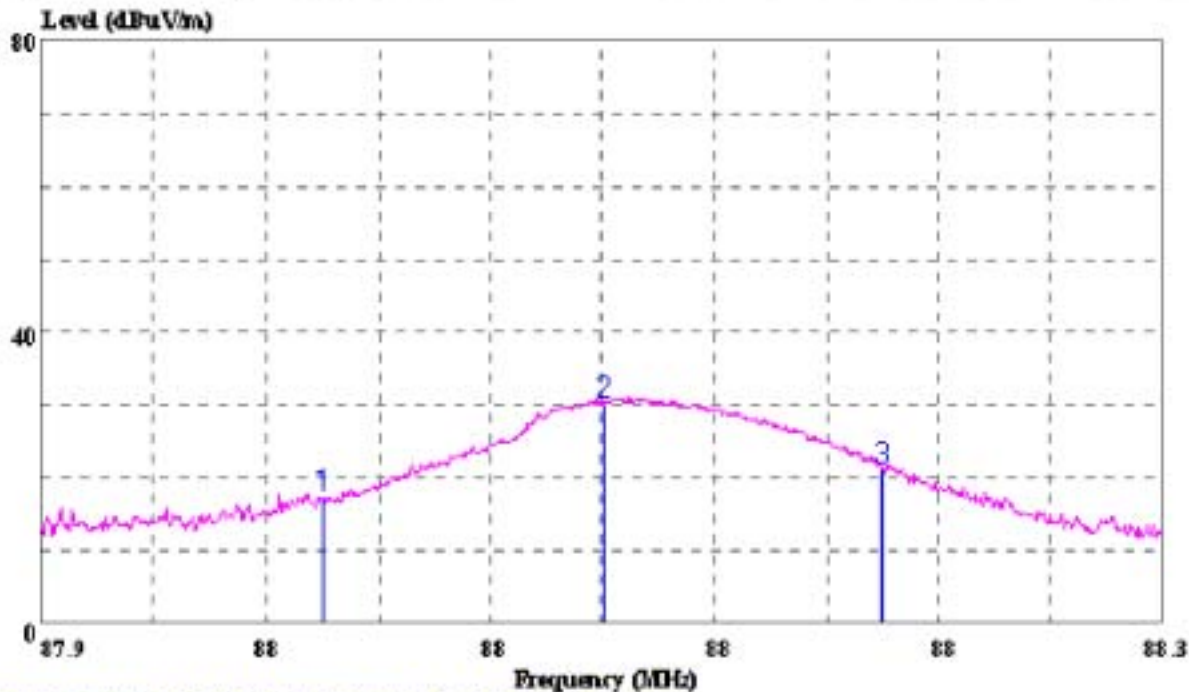
#### 3.4. Test Procedure

**PASS.**



No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 18      File#: ACS6Q099R1.EMI      Date: 2006-03-02    Time: 21:13:12



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)      Ref Trace:

Condition: 3m 2598FACTOR HORIZONTAL  
EUT : 10.2'' car use roof mount LCD DVD combo  
M/N : PKG-RSE2  
OP Condition : TX Mode  
Test Spec : DC 12V  
Test Engineer: Jack  
Comment : Temp:23' Humi:54%  
Memo : FM 88.1MHz  
Memo :

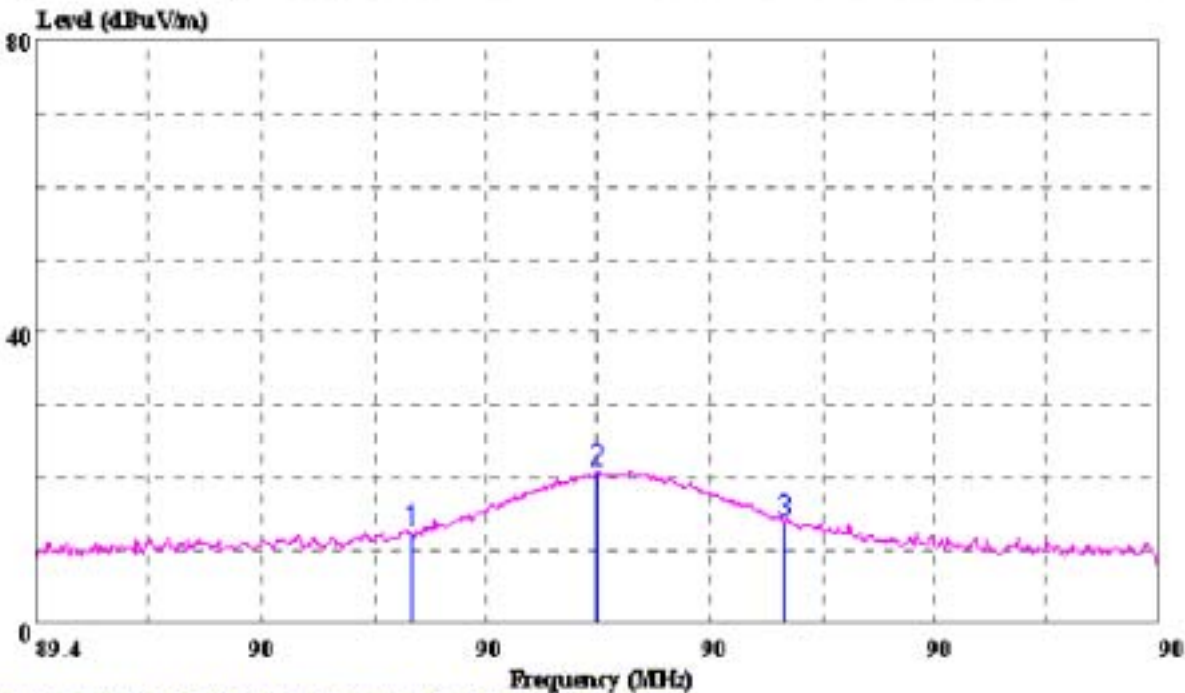
Page: 1

|   | Freq   | Level  | Limit  | Over  | Read  | Cable | Probe  |
|---|--------|--------|--------|-------|-------|-------|--------|
|   | MHz    | dBuV/m | Line   | Limit | Level | Loss  | Factor |
|   | MHz    | dBuV/m | dBuV/m | dB    | dBuV  | dB    | dB     |
| 1 | 88.000 | 17.23  | -----  | ----- | 34.57 | 1.98  | 8.82   |
| 2 | 88.100 | 30.29  | -----  | ----- | 47.63 | 1.98  | 8.82   |
| 3 | 88.200 | 21.29  | -----  | ----- | 38.63 | 1.98  | 8.82   |



No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 6 File#: ACS6Q099R1.EMI Date: 2006-03-02 Time: 20:56:54



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

Trace: 5

Ref Trace:

Condition: 3m 2598FACTOR HORIZONTAL  
EUT : 10.2'' car use roof mount LCD DVD combo  
M/N : PKG-RSE2  
OP Condition : TX Mode  
Test Spec : DC 12V  
Test Engineer: Jack  
Comment : Temp:23° Humi:54%  
Memo : FM 89.7MHz  
Memo :

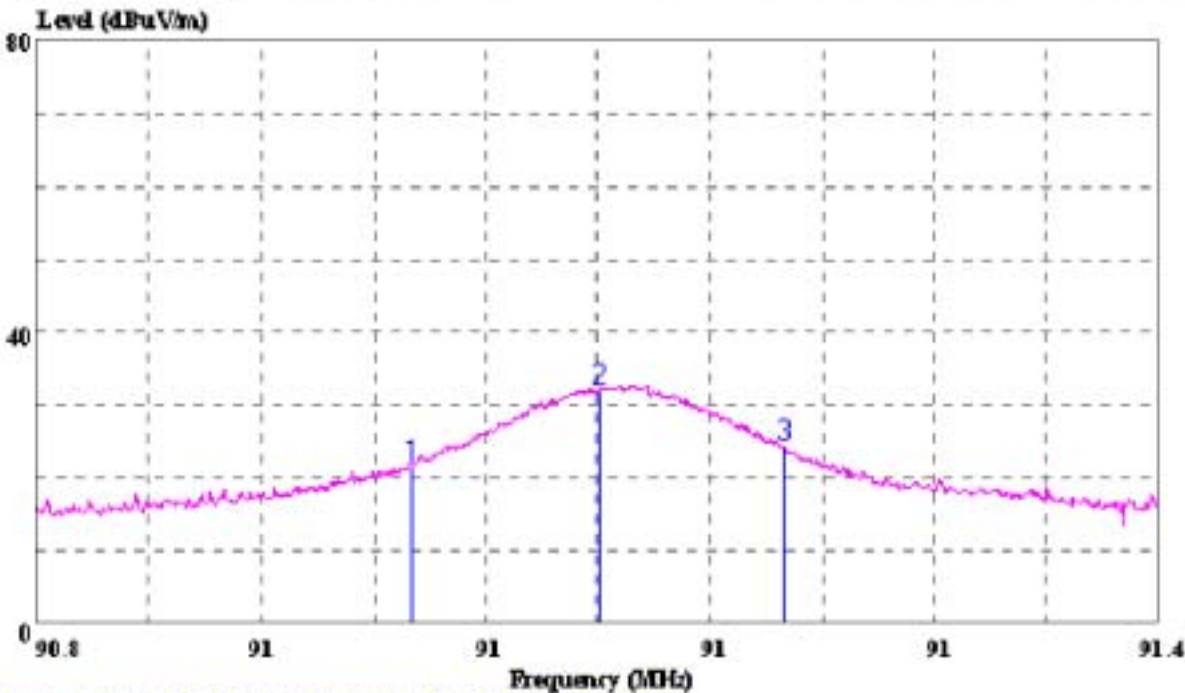
Page: 1

|   | Freq   | Level  | Limit  | Over  | Read  | Cable | Probe  |
|---|--------|--------|--------|-------|-------|-------|--------|
|   | MHz    | dBuV/m | Line   | Limit | Level | Loss  | Factor |
|   | MHz    | dBuV/m | dBuV/m | dB    | dBuV  | dB    | dB     |
| 1 | 89.600 | 12.40  | -----  | ----- | 29.53 | 1.95  | 9.06   |
| 2 | 89.700 | 20.74  | -----  | ----- | 37.83 | 1.95  | 9.08   |
| 3 | 89.800 | 13.92  | -----  | ----- | 31.01 | 1.95  | 9.08   |



No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 16 File#: ACS6Q099R1.EMI Date: 2006-03-02 Time: 21:09:31



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)  
Trace: 15 Ref Trace:

Condition: 3m 2598FACTOR HORIZONTAL  
EUT : 10.2'' car use roof mount LCD DVD combo  
M/N : PKG-RSE2  
OP Condition : TX Mode  
Test Spec : DC 12V  
Test Engineer: Jack  
Comment : Temp:23° Humi:54%  
Memo : FM 91.1MHz  
Memo :

Page: 1

|   | Freq   | Level  | Limit  | Over  | Read  | Cable | Probe  |
|---|--------|--------|--------|-------|-------|-------|--------|
|   | MHz    | dBuV/m | Line   | Limit | Level | Loss  | Factor |
|   |        |        | dBuV/m | dB    | dBuV  | dB    | dB     |
| 1 | 91.000 | 21.53  | -----  | ----- | 38.53 | 1.99  | 9.15   |
| 2 | 91.100 | 31.98  | -----  | ----- | 48.98 | 1.99  | 9.15   |
| 3 | 91.200 | 24.41  | -----  | ----- | 41.41 | 1.99  | 9.15   |

#### **4. DEVIATION TO TEST SPECIFICATIONS**

[ NONE]

# **APPENDIX I**

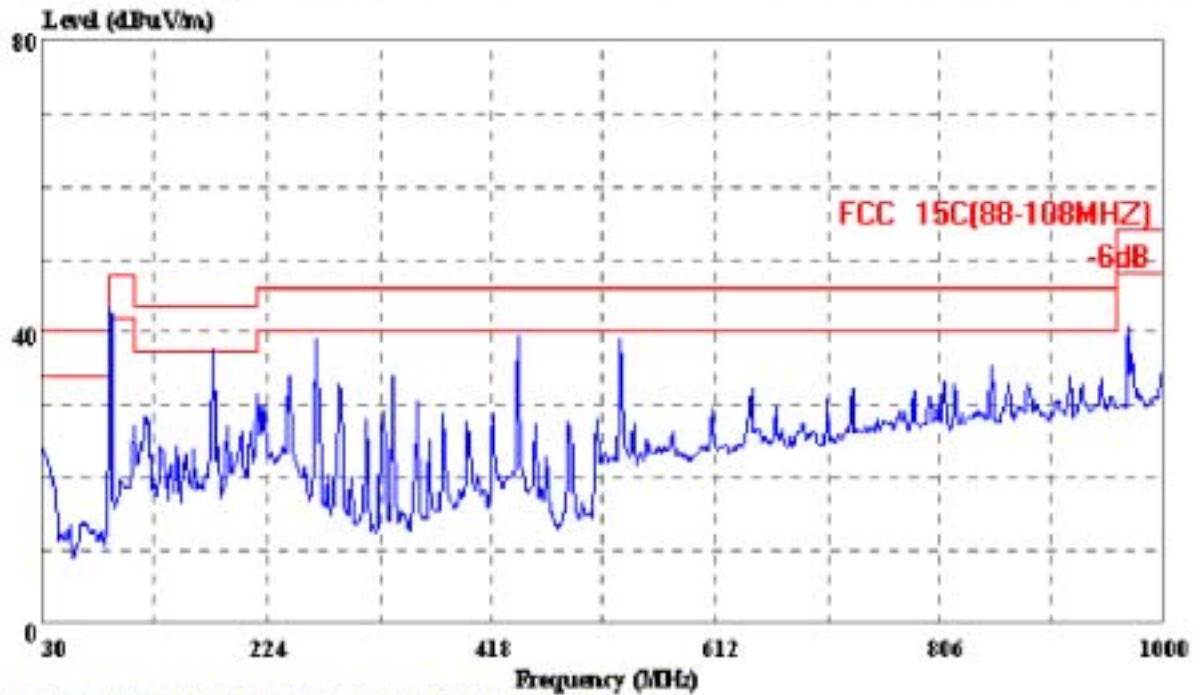


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 3 File#: ACS6Q099R1.EMI

Date: 2006-03-02 Time: 20:42:01



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

Trace:

Ref Trace:

Condition: FCC 15C(88-108MHz) 3m 2598FACTOR HORIZONTAL  
 EUT : 10.2'' car use roof mount LCD DVD combo  
 M/N : PKG-RSE2  
 OP Condition : TX Mode  
 Test Spec : DC 12V  
 Test Engineer: Jack  
 Comment : Temp:23° Humi:54%  
 Memo : FM 88.1MHz  
 Memo :

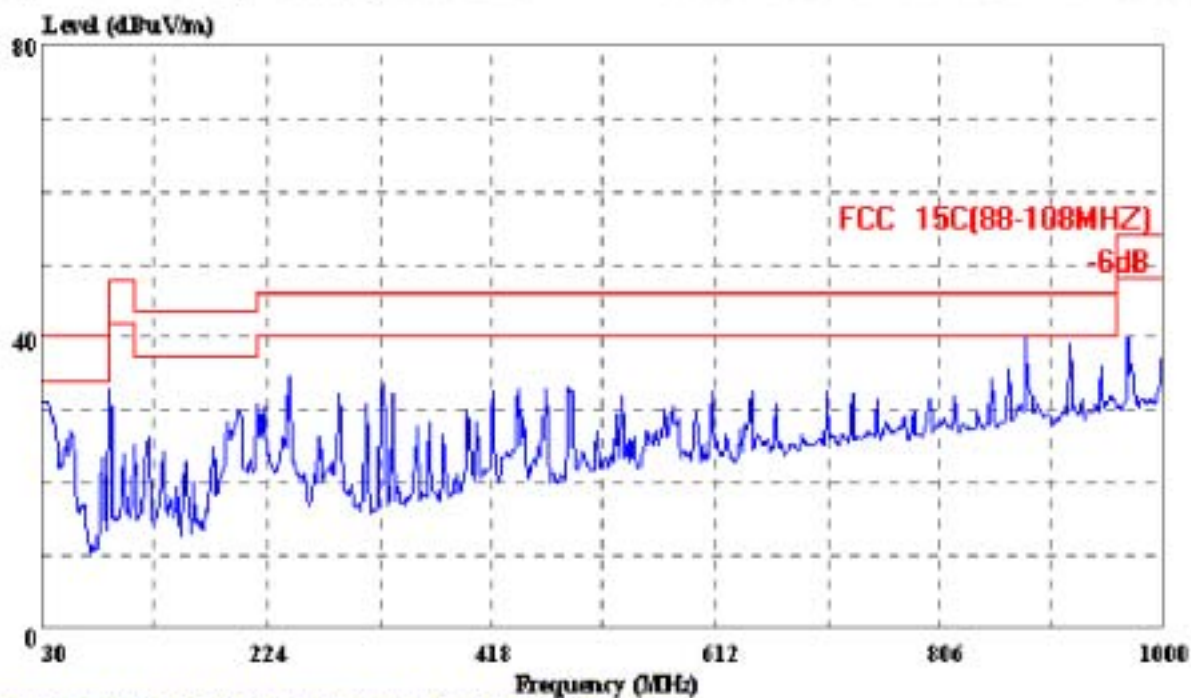


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 1 File#: ACS6Q099R1.EMI

Date: 2006-03-02 Time: 20:38:47



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

Trace:

Ref Trace:

Condition: FCC 15C(88-108MHz) 3m 2598FACTOR VERTICAL  
 EUT : 10.2'' car use roof mount LCD DVD combo  
 M/N : PKG-RSE2  
 OP Condition : TX Mode  
 Test Spec : DC 12V  
 Test Engineer: Jack  
 Comment : Temp:23' Humi:54%  
 Memo : FM 88.1MHz  
 Memo :

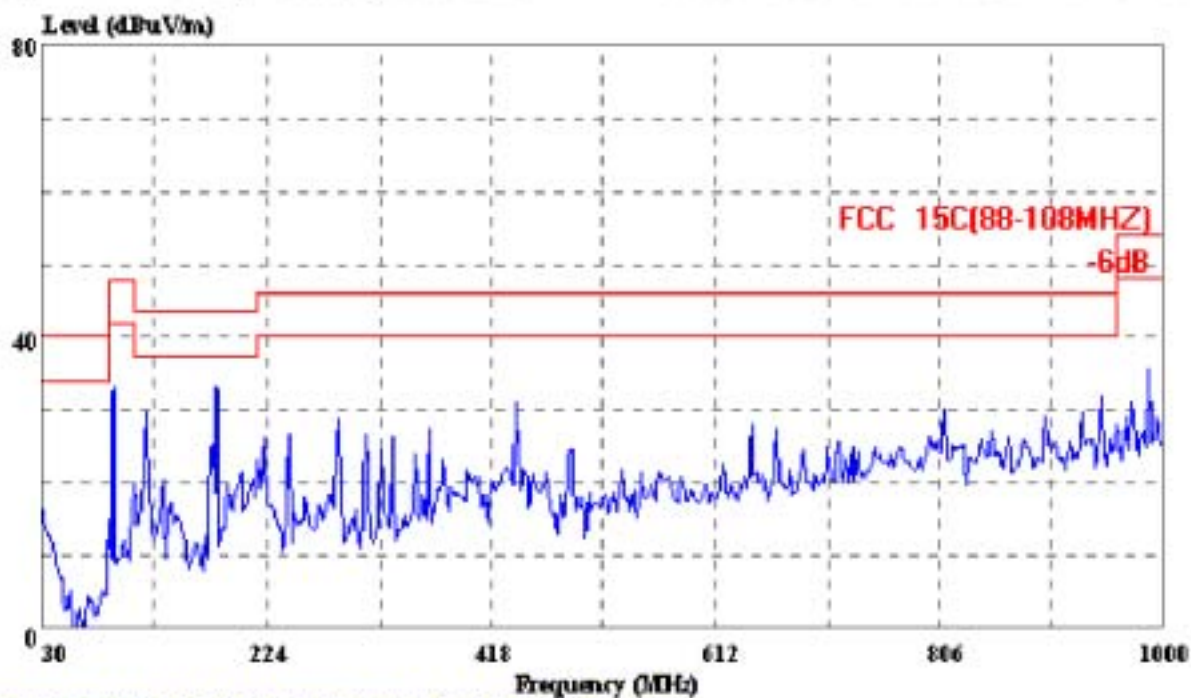


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 7 File#: ACS6Q099R1.EMI

Date: 2006-03-02 Time: 20:57:10



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

Trace:

Ref Trace:

Condition: FCC 15C(88-108MHz) 3m 2598FACTOR HORIZONTAL  
 EUT : 10.2'' car use roof mount LCD DVD combo  
 M/N : PKG-RSE2  
 OP Condition : TX Mode  
 Test Spec : DC 12V  
 Test Engineer: Jack  
 Comment : Temp:23° Humi:54%  
 Memo : FM 89.7MHz  
 Memo :

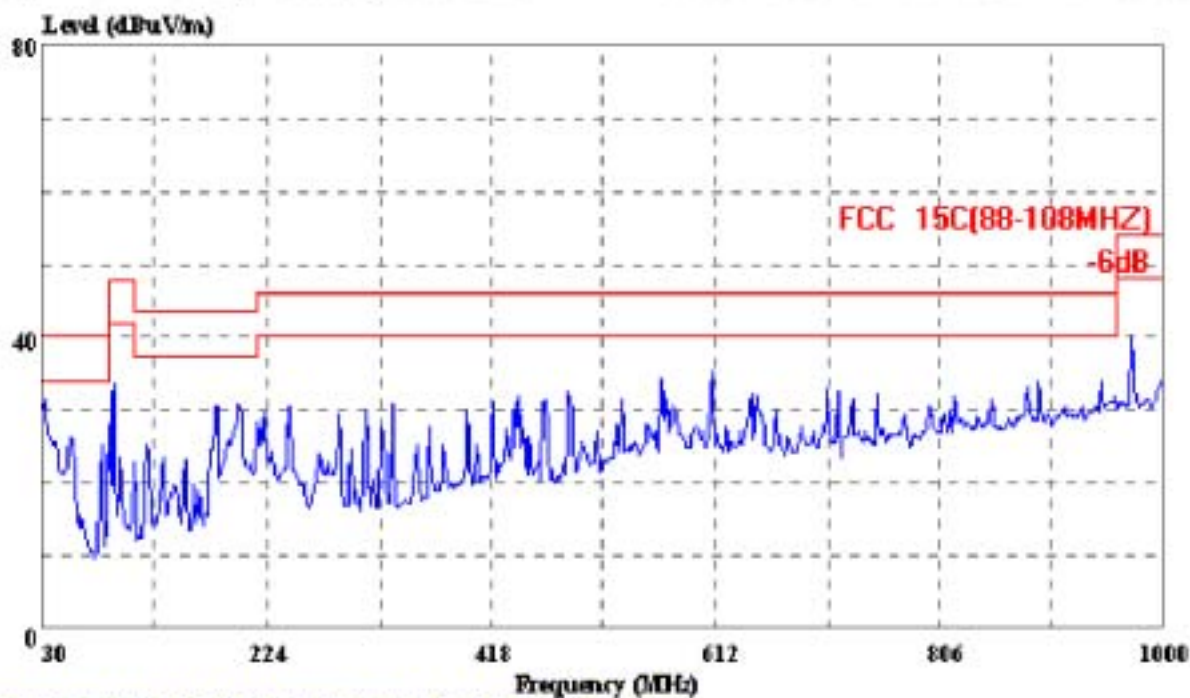


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 9 File#: ACS6Q099R1.EMI

Date: 2006-03-02 Time: 20:58:45



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

Trace:

Ref Trace:

Condition: FCC 15C(88-108MHz) 3m 2598FACTOR VERTICAL  
 EUT : 10.2'' car use roof mount LCD DVD combo  
 M/N : PKG-RSE2  
 OP Condition : TX Mode  
 Test Spec : DC 12V  
 Test Engineer: Jack  
 Comment : Temp:23' Humi:54%  
 Memo : FM 89.7MHz  
 Memo :

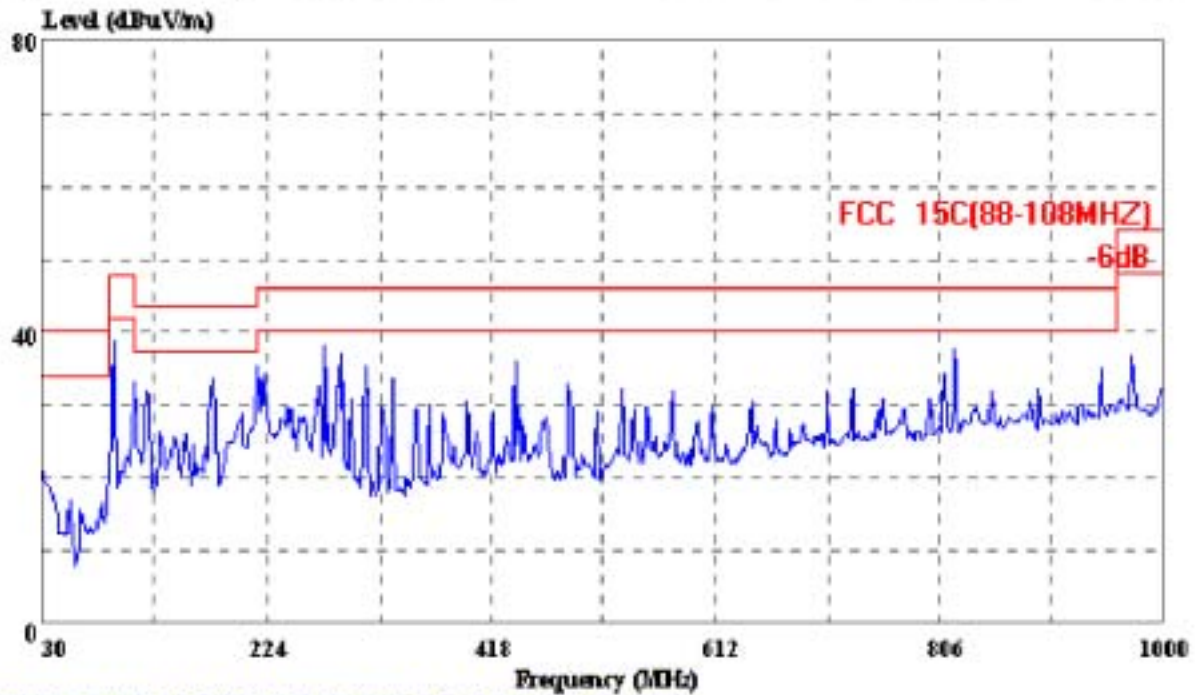


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 13 File#: ACS6Q099R1.EMI

Date: 2006-03-02 Time: 21:04:09



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

Trace:

Ref Trace:

Condition: FCC 15C(88-108MHz) 3m 2598FACTOR HORIZONTAL  
 EUT : 10.2'' car use roof mount LCD DVD combo  
 M/N : PKG-RSE2  
 OP Condition : TX Mode  
 Test Spec : DC 12V  
 Test Engineer: Jack  
 Comment : Temp:23' Humi:54%  
 Memo : FM 91.1MHz  
 Memo :

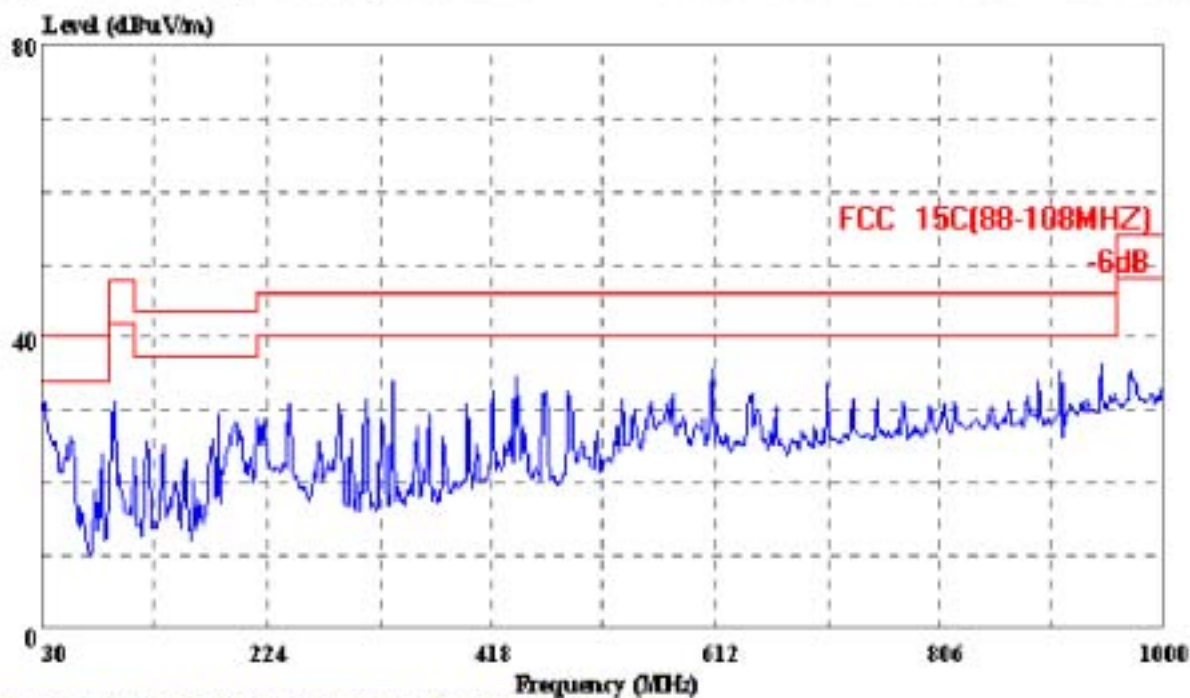


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

No.6 Ke Feng Road,Block 52,  
Shenzhen Science&Industry Park,

Data#: 11 File#: ACS6Q099R1.EMI

Date: 2006-03-02 Time: 21:01:46



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

Trace:

Ref Trace:

Condition: FCC 15C(88-108MHz) 3m 2598FACTOR VERTICAL  
 EUT : 10.2'' car use roof mount LCD DVD combo  
 M/N : PKG-RSE2  
 OP Condition : TX Mode  
 Test Spec : DC 12V  
 Test Engineer: Jack  
 Comment : Temp:23° Humi:54%  
 Memo : FM 91.1MHz  
 Memo :