

APPLICATION OF CERTIFICATION
For

TTE Technology Inc.

LCD TV

| Brand Name | Model Number |
|------------|------------------------------------|
| RCA | L32FHDF11; L40FHDF10; L40FHDF11 |

FCC ID: W8UL40FHDF10

Prepared for : TTE Technology Inc.
5541 West 74th Street, Indianapolis, IN 46268, U.S.

Prepared By: Audix Technology (Shenzhen) Co., Ltd.
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Report Number : ACS-F10016
Date of Test : Dec.29, 2009~Jan.13, 2010
Date of Report : Jan.18, 2010

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TEST REPORT CERTIFICATION

Applicant : TTE Technology Inc.
 Manufacturer #1 : TCL King Electrical Appliances (Huizhou) Co., Ltd.
 Manufacturer #2 : Manufacturas Avanzadas S A
 EUT Description : LCD TV
 FCC ID : W8UL40FHDF10

(A) MODEL NO.&
Brand Name :

| Brand Name | Model Number |
|------------|------------------------------------|
| RCA | L32FHDF11; L40FHDF10; L40FHDF11 |

(B) SERIAL NO. : N/A

(C) TEST VOLTAGE : AC 120V/60Hz

Measurement Standard Used:

FCC Rules and Regulations Part 15 Subpart B Class B 2008, ANSI C63.4-2003
 ICES-003 Issue 4 February 2004.

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 B Class B 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 parts without written approval of AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Date of Test: Dec.29, 2009~ Jan.13, 2010

Prepared by: Edie Huang
Edie Haung / Assistant

Reviewer: 
Richzhy Zhong / Assistant Manager



Approved & Authorized Signer: Ken Lu
Ken Lu / Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

| EMISSION | | | |
|------------------------------------|---------------------------------------|---------------|----------------|
| Description of Test Item | Standard | Limits | Results |
| Power Line Conducted Emission Test | FCC Part 15: 2008 ANSI C63.4: 2003 | Class B | PASS |
| Radiated Emission Test | FCC Part 15: 2008 ANSI C63.4: 2003 | Class B | PASS |

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Description : LCD TV

| | | |
|----------------|------------|---------------------------------|
| Model Number : | Brand Name | Model Number |
| | RCA | L32FHDF11; L40FHDF10; L40FHDF11 |

Test model: L32FHDF11; L40FHDF10

| DIFFERENCE | | | |
|--|---------------------------|---------------------------|---------------------------|
| SET | L40FHDF10 | L40FHDF11 | L32FHDF11 |
| POWER | P3222-01 | P3222-01 | P3222-01 |
| PANEL | SEC:LTA400HA07 | SEC:LTA400HA07 | SEC: LTA320HM02 |
| TUNER | PANASONIC: ENV56S02D8F | PANASONIC: ENV56S02D8F | PANASONIC: ENV56S02D8F |
| FRONT CABNIT | 40F10_FRONT | 40F10_FRONT | 40F10_FRONT |
| REAR CABNIT | 40F10_REAR | 40F10_REAR | 40F10_REAR |
| FREQUENCIES USED AND GENERATED WITHIN DEVICE | | | |
| LVDS CLOCK | 80M HZ | | |
| IF | 45.75M HZ | | |
| DDR | 440M HZ | | |
| AMP IIS | 384K | | |

Because this three model number device have same main chip, same structure design and same schematic block diagram, and according to exploratory test they have same radiation characteristic, so this three model number device share same FCC ID number.

FCC ID : W8UL40FHDF10

Applicant : TTE Technology Inc.
5541 West 74th Street, Indianapolis, IN 46268, U.S.

Manufacturer #1 : TCL King Electrical Appliances (Huizhou) Co., Ltd.
Section 19, Zhongkai Development Zone for New and High Level
TECH Industries, Huizhou, Guangdong 516006, China

Manufacturer #2 : Manufacturas Avanzadas S A
Parque Industrial Salvarcar, Blvd Independencia 2151,
CD Juarez, Chih, Mexico

Power Cord : Unshielded, Undetachable, 1.5m

Date of Test : Dec.29, 2009~Jan.13, 2010

Date of Receipt : Dec.26, 2009

Sample Type : Prototype production

2.2. Tested Supporting System Details

2.2.1. PC

EMC CODE : Test PC P
M/N : Studio 540
S/N : 124XK2X
Manufacturer : DELL
Power cord : Unshielded, Detachabled, 1.8m
FCC ID : By DoC
BSMI ID : R33002
Display Card : HD3450(VGA+DVI+HDMI)

2.2.2. USB Keyboard

EMC CODE : ACS-EMC-K01R
M/N : SK-8115
S/N : CN-ODJ313-71616-711-0J73
Manufacturer : DELL
Data Cable : Shielded, Undetachabled, 2.0m
FCC ID : By DoC
BSMI ID : T3A002

2.2.3. PRINTER

EMC CODE : ACS-EMC-PT04
M/N : C9079A
Manufacturer : HP
USB Cable : Shielded, Detachabled, 1.8m
Power Cord : Unshielded, Detachabled, 1.8m
FCC ID : By DoC
BSMI ID : R33001
Power Adaptor : Manufacturer: HP
M/N: 0957-2119
BSMI ID: R33030
DC Cable: Unshielded, Detachabled, 1.5m

2.2.4. USB MOUSE

EMC CODE : ACS-EMC-M01R
M/N : M056UO
S/N : 512022645
Manufacturer : Dell
Data Cable : Shielded, Undetachabled, 1.8m
FCC ID : By DoC
BSMI ID : R41108

2.2.5. HDD

EMC CODE : ACS-EMC-HDD03
M/N : F12-UF
S/N : A0100215-5390031
Manufacturer : Terasys
Data Cable : Shielded, Detachable, 1.8m
FCC ID : By DoC
BSMI ID : 4912A022

2.2.6. iPod

EMC CODE : ACS-EMC-IP03
M/N : A1199
S/N : YM711H3LVQ5
Manufacturer : APPLE
USB Cable : Shielded, Detachable, 1.0m
FCC ID : By DoC
BSMI ID : R33057

2.2.7. Cables

Audio Cable : Shielded, Detachable, 1.8m
HDMI Cable : Shielded, Detachable, 1.8m

2.3. Test Facility

Site Description

- Name of Firm : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block, Shenzhen
Science & Industrial Park, Nantou,
Shenzhen, Guangdong, China
- 3m Anechoic Chamber : Mar. 31, 2009 File on Federal
Communication Commission
Registration Number: 90454
- 3m & 10m Anechoic Chamber : Jan. 31, 2007 File on Federal
Communication Commission
Registration Number: 794232
- EMC Lab. : Accredited by DATech, German
Registration Number: DAT-P-091/99-01
Feb. 02, 2009
- Accredited by NVLAP, USA
NVLAP Code: 200372-0
Apr. 01, 2009

2.4. Measurement Uncertainty (95% confidence levels, k=2)

| Test Item | Uncertainty |
|---|-----------------------|
| Uncertainty for Conduction emission test in No. 1 Conduction | 2.40dB |
| Uncertainty for Radiation Emission test in 3m chamber | 3.82 dB (Polarize: V) |
| | 4.32 dB (Polarize: H) |
| Uncertainty for test site temperature and humidity | 0.6°C |
| | 3% |

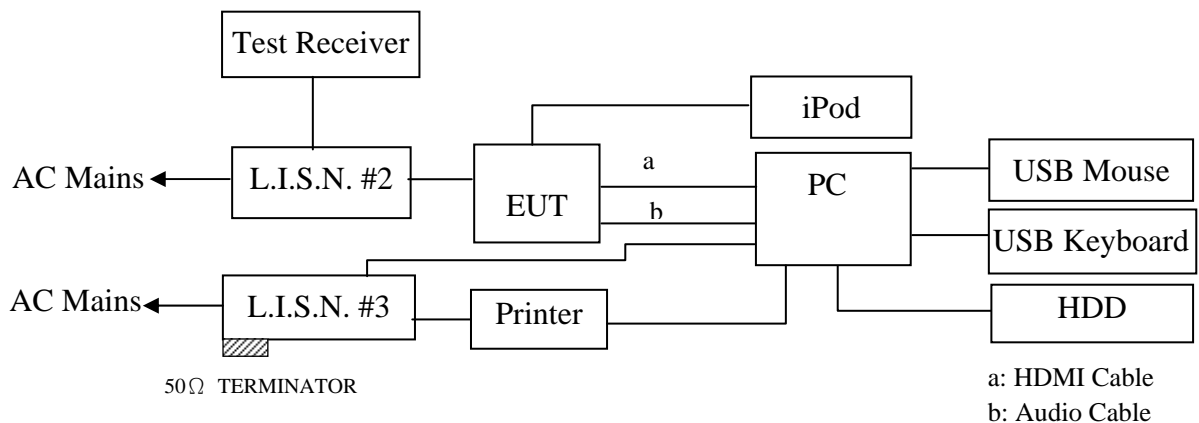
3. POWER LINE CONDUCTED EMISSION TEST

3.1. Test Equipment

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|----------------|-----------------|-----------|---------------|------------|---------------|
| 1. | Test Receiver | Rohde & Schwarz | ESHS20 | 836600/006 | May.08, 09 | 1 Year |
| 2. | L.I.S.N.#2 | Kyoritsu | KNW-407 | 8-1636-1 | May.08, 09 | 1 Year |
| 3. | L.I.S.N.#3 | Kyoritsu | KNW-242C | 8-1920-1 | May.08, 09 | 1 Year |
| 4. | Terminator | Hubersuhner | 50Ω | No. 1 | May.08, 09 | 1 Year |
| 5. | RF Cable | Fujikura | 3D-2W | LISN Cable 1# | May.08, 09 | 1Year |
| 6. | Coaxial Switch | Anritsu | MP59B | M55367 | May.08, 09 | 1 Year |
| 7. | Pulse Limiter | Rohde & Schwarz | ESH3-Z2 | 100341 | May.08, 09 | 1 Year |

3.2. Block Diagram of Test Setup

3.2.1. Block diagram of connection between the EUT and simulators



(EUT: LCD TV)

3.3. Power Line Conducted Emission Test Limits

| 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.

3.4. Configuration of EUT on Test

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

3.4.1. LCD TV (EUT)

Model Number : L32FHDF11; L40FHDF10; L40FHDF11

Serial Number : N/A

3.4.2. Support Equipment : As Tested Supporting System Detail, in Section 2.2.

3.5. Operating Condition of EUT

3.5.1. Setup the EUT and simulator as shown as Section 3.2.

3.5.2. Turn on the power of all equipment.

3.5.3. Let the EUT work in test mode (Running “H” Pattern and Playing Music HDMI 1080P), Adjust the brightness & contrast to maximum and measure it.

3.6. Test Procedure

The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 2#). This provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#3). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4-2003 on conducted Emission test.

The bandwidth of test receiver (R&S TEST RECEIVER ESHS20) is set at 10kHz.

The frequency range from 150kHz to 30MHz is checked. The test result are reported on Section 3.7.

3.7. Conducted Disturbance at Mains Terminals Test Results

PASS. (All emissions not reported below are too low against the prescribed limits.)

The EUT with the following test modes were tested and selected (mode 1~6) to read Q.P values and Average values, all the test results are listed in next pages.

EUT: LCD TV

Model No. : L32FHDF11; L40FHDF10

Test Date: Dec.29, 2009~Jan.10, 2010

Temperature: 23℃

Humidity: 54%

The details of test modes are as follows :

| No. | M/N | Test Mode | Resolution & Frequency | Reference Test Data No. | |
|------|-----------|---------------------------------------|------------------------|-------------------------|-----------|
| | | | | VA | VB |
| 1. | L32FHDF11 | Running "H" Pattern and Playing Music | HDMI1 1080P | #1 | #2 |
| 2. ※ | | | HDMI2 1080P | #4 | #3 |
| 3. | | | HDMI3 1080P | #6 | #5 |
| 4. | L40FHDF10 | Running "H" Pattern and Playing Music | HDMI1 1080P | #31 | #32 |
| 5. | | | HDMI2 1080P | #34 | #33 |
| 6. | | | HDMI3 1080P | #35 | #36 |

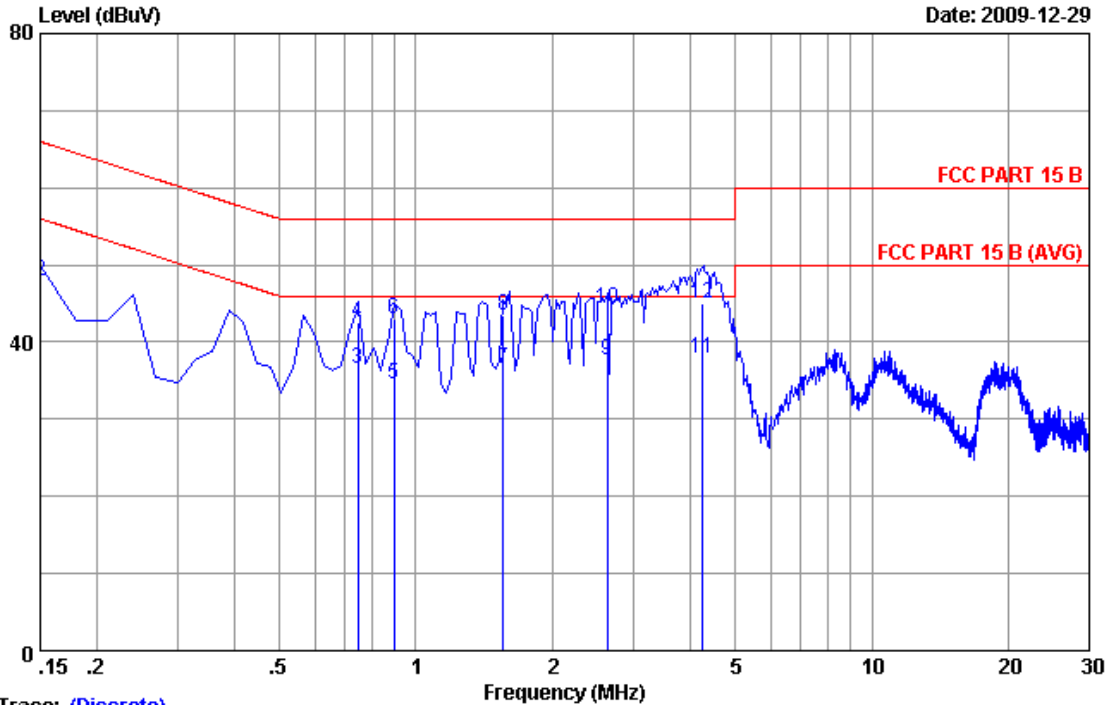
(※ Worst test mode)



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Data: 1 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2009-12-29



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :1
 Dis./Ant. **: 2009 KNW407 VA
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L32FHDF11
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI1:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBUV) | Emission Level (dBUV) | Limits (dBUV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.15000 | 0.47 | 9.88 | 28.64 | 38.99 | 56.00 | 17.01 | Average |
| 2 | 0.15000 | 0.47 | 9.88 | 37.65 | 48.00 | 66.00 | 18.00 | QP |
| 3 | 0.74700 | 0.36 | 9.89 | 26.25 | 36.50 | 46.00 | 9.50 | Average |
| 4 | 0.74700 | 0.36 | 9.89 | 32.27 | 42.52 | 56.00 | 13.48 | QP |
| 5 | 0.89625 | 0.34 | 9.89 | 24.38 | 34.61 | 46.00 | 11.39 | Average |
| 6 | 0.89625 | 0.34 | 9.89 | 32.70 | 42.93 | 56.00 | 13.07 | QP |
| 7 | 1.553 | 0.35 | 9.89 | 26.33 | 36.57 | 46.00 | 9.43 | Average |
| 8 | 1.553 | 0.35 | 9.89 | 33.18 | 43.42 | 56.00 | 12.58 | QP |
| 9 | 2.628 | 0.36 | 9.90 | 27.38 | 37.64 | 46.00 | 8.36 | Average |
| 10 | 2.628 | 0.36 | 9.90 | 34.12 | 44.38 | 56.00 | 11.62 | QP |
| 11 | 4.260 | 0.38 | 9.91 | 27.60 | 37.89 | 46.00 | 8.11 | Average |
| 12 | 4.260 | 0.38 | 9.91 | 34.80 | 45.09 | 56.00 | 10.91 | QP |

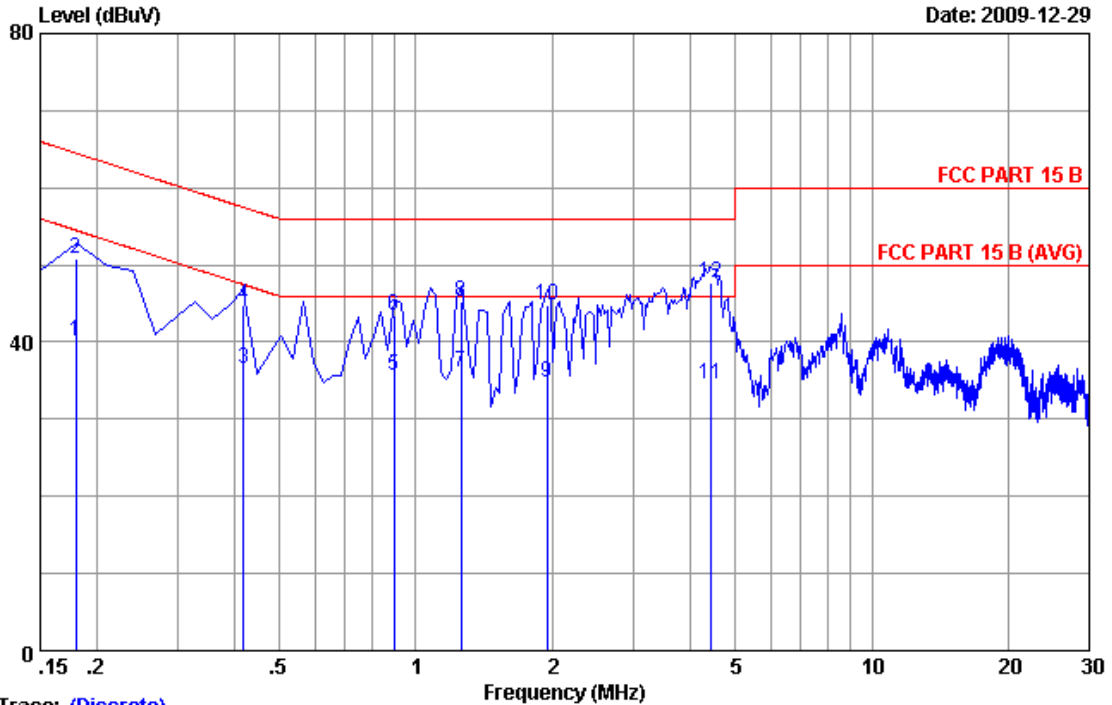
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.



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Postcode:518057

Data: 2 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2009-12-29



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :2
 Dis./Ant. **: 2009 KNW407 VB
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L32FHDF11
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI1:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.17985 | 0.45 | 9.88 | 29.87 | 40.20 | 54.49 | 14.29 | Average |
| 2 | 0.17985 | 0.45 | 9.88 | 40.55 | 50.88 | 64.49 | 13.61 | QP |
| 3 | 0.41865 | 0.36 | 9.89 | 26.31 | 36.56 | 47.47 | 10.91 | Average |
| 4 | 0.41865 | 0.36 | 9.89 | 34.58 | 44.83 | 57.47 | 12.64 | QP |
| 5 | 0.89625 | 0.35 | 9.89 | 25.42 | 35.66 | 46.00 | 10.34 | Average |
| 6 | 0.89625 | 0.35 | 9.89 | 33.24 | 43.48 | 56.00 | 12.52 | QP |
| 7 | 1.254 | 0.35 | 9.89 | 25.76 | 36.00 | 46.00 | 10.00 | Average |
| 8 | 1.254 | 0.35 | 9.89 | 34.99 | 45.23 | 56.00 | 10.77 | QP |
| 9 | 1.941 | 0.36 | 9.90 | 24.61 | 34.87 | 46.00 | 11.13 | Average |
| 10 | 1.941 | 0.36 | 9.90 | 34.45 | 44.71 | 56.00 | 11.29 | QP |
| 11 | 4.448 | 0.37 | 9.91 | 24.26 | 34.54 | 46.00 | 11.46 | Average |
| 12 | 4.448 | 0.37 | 9.91 | 37.32 | 47.60 | 56.00 | 8.40 | QP |

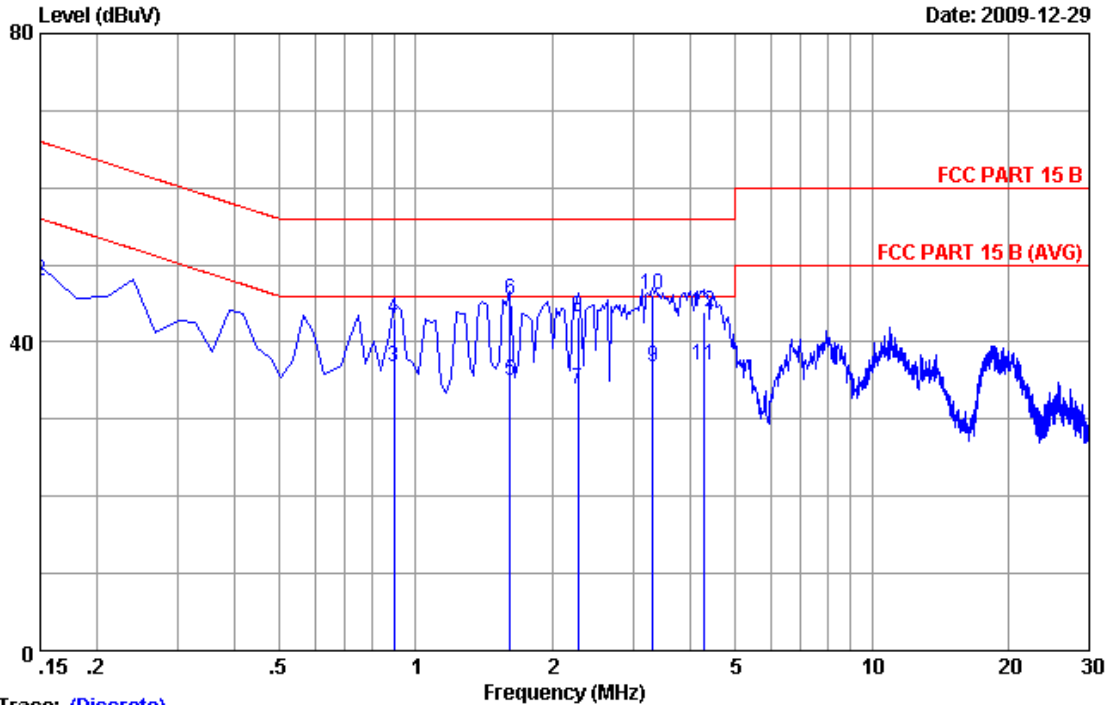
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.



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Data: 4 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2009-12-29



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :4
 Dis./Ant. **: 2009 KNW407 VA
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L32FHDF11
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI2:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.15000 | 0.47 | 9.88 | 29.82 | 40.17 | 56.00 | 15.83 | Average |
| 2 | 0.15000 | 0.47 | 9.88 | 37.65 | 48.00 | 66.00 | 18.00 | QP |
| 3 | 0.89625 | 0.34 | 9.89 | 26.46 | 36.69 | 46.00 | 9.31 | Average |
| 4 | 0.89625 | 0.34 | 9.89 | 32.70 | 42.93 | 56.00 | 13.07 | QP |
| 5 | 1.613 | 0.35 | 9.89 | 24.64 | 34.88 | 46.00 | 11.12 | Average |
| 6 | 1.613 | 0.35 | 9.89 | 35.24 | 45.48 | 56.00 | 10.52 | QP |
| 7 | 2.269 | 0.36 | 9.90 | 23.71 | 33.97 | 46.00 | 12.03 | Average |
| 8 | 2.269 | 0.36 | 9.90 | 33.00 | 43.26 | 56.00 | 12.74 | QP |
| 9 | 3.314 | 0.36 | 9.91 | 26.48 | 36.75 | 46.00 | 9.25 | Average |
| 10 | 3.314 | 0.36 | 9.91 | 35.86 | 46.13 | 56.00 | 9.87 | QP |
| 11 | 4.269 | 0.38 | 9.91 | 26.59 | 36.88 | 46.00 | 9.12 | Average |
| 12 | 4.269 | 0.38 | 9.91 | 33.54 | 43.83 | 56.00 | 12.17 | QP |

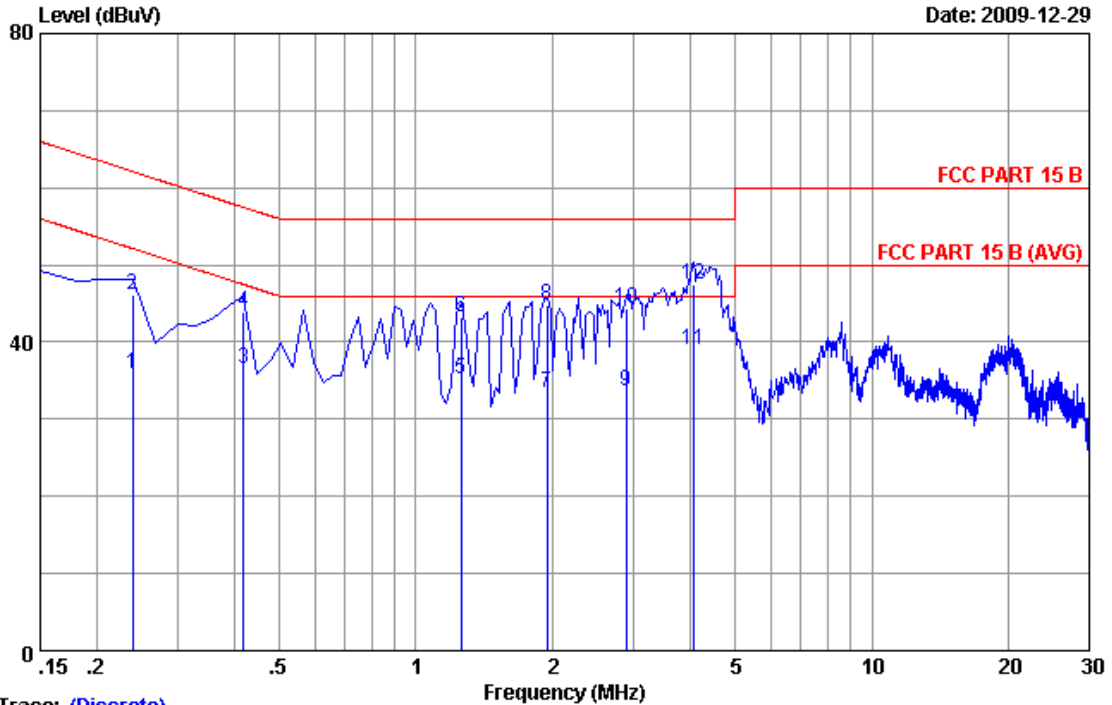
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
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 with average detector is unnecessary.



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Data: 3 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2009-12-29



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :3
 Dis./Ant. **: 2009 KNW407 VB
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L32FHDF11
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI2:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.23955 | 0.43 | 9.88 | 25.64 | 35.95 | 52.11 | 16.16 | Average |
| 2 | 0.23955 | 0.43 | 9.88 | 35.91 | 46.22 | 62.11 | 15.89 | QP |
| 3 | 0.41865 | 0.36 | 9.89 | 26.31 | 36.56 | 47.47 | 10.91 | Average |
| 4 | 0.41865 | 0.36 | 9.89 | 33.58 | 43.83 | 57.47 | 13.64 | QP |
| 5 | 1.254 | 0.35 | 9.89 | 24.87 | 35.11 | 46.00 | 10.89 | Average |
| 6 | 1.254 | 0.35 | 9.89 | 32.99 | 43.23 | 56.00 | 12.77 | QP |
| 7 | 1.941 | 0.36 | 9.90 | 23.16 | 33.42 | 46.00 | 12.58 | Average |
| 8 | 1.941 | 0.36 | 9.90 | 34.45 | 44.71 | 56.00 | 11.29 | QP |
| 9 | 2.896 | 0.37 | 9.91 | 23.27 | 33.55 | 46.00 | 12.45 | Average |
| 10 | 2.896 | 0.37 | 9.91 | 33.96 | 44.24 | 56.00 | 11.76 | QP |
| 11 | 4.060 | 0.37 | 9.91 | 28.76 | 39.04 | 46.00 | 6.96 | Average |
| 12 | 4.060 | 0.37 | 9.91 | 37.08 | 47.36 | 56.00 | 8.64 | QP |

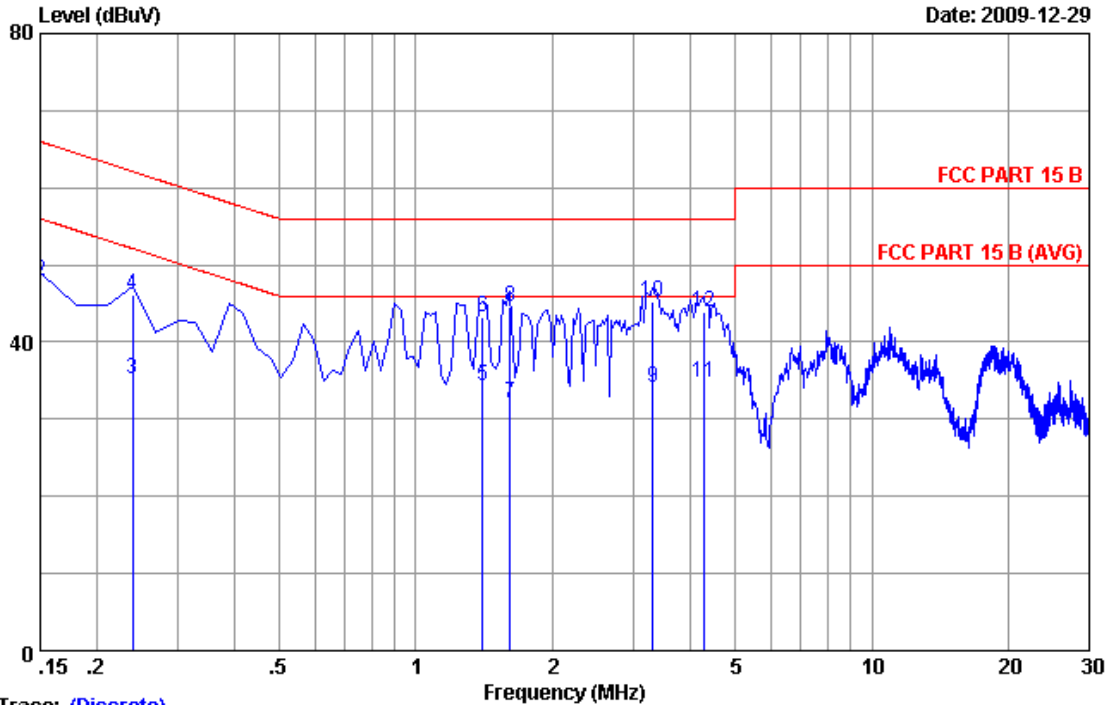
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
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Data: 6 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2009-12-29



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :6
 Dis./Ant. **: 2009 KNW407 VA
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L32FHDF11
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI3:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.15000 | 0.47 | 9.88 | 25.00 | 35.35 | 56.00 | 20.65 | Average |
| 2 | 0.15000 | 0.47 | 9.88 | 37.65 | 48.00 | 66.00 | 18.00 | QP |
| 3 | 0.23955 | 0.41 | 9.88 | 24.90 | 35.19 | 52.11 | 16.92 | Average |
| 4 | 0.23955 | 0.41 | 9.88 | 35.86 | 46.15 | 62.11 | 15.96 | QP |
| 5 | 1.404 | 0.34 | 9.89 | 24.11 | 34.34 | 46.00 | 11.66 | Average |
| 6 | 1.404 | 0.34 | 9.89 | 33.09 | 43.32 | 56.00 | 12.68 | QP |
| 7 | 1.613 | 0.35 | 9.89 | 21.91 | 32.15 | 46.00 | 13.85 | Average |
| 8 | 1.613 | 0.35 | 9.89 | 34.24 | 44.48 | 56.00 | 11.52 | QP |
| 9 | 3.314 | 0.36 | 9.91 | 23.90 | 34.17 | 46.00 | 11.83 | Average |
| 10 | 3.314 | 0.36 | 9.91 | 34.86 | 45.13 | 56.00 | 10.87 | QP |
| 11 | 4.269 | 0.38 | 9.91 | 24.40 | 34.69 | 46.00 | 11.31 | Average |
| 12 | 4.269 | 0.38 | 9.91 | 33.54 | 43.83 | 56.00 | 12.17 | QP |

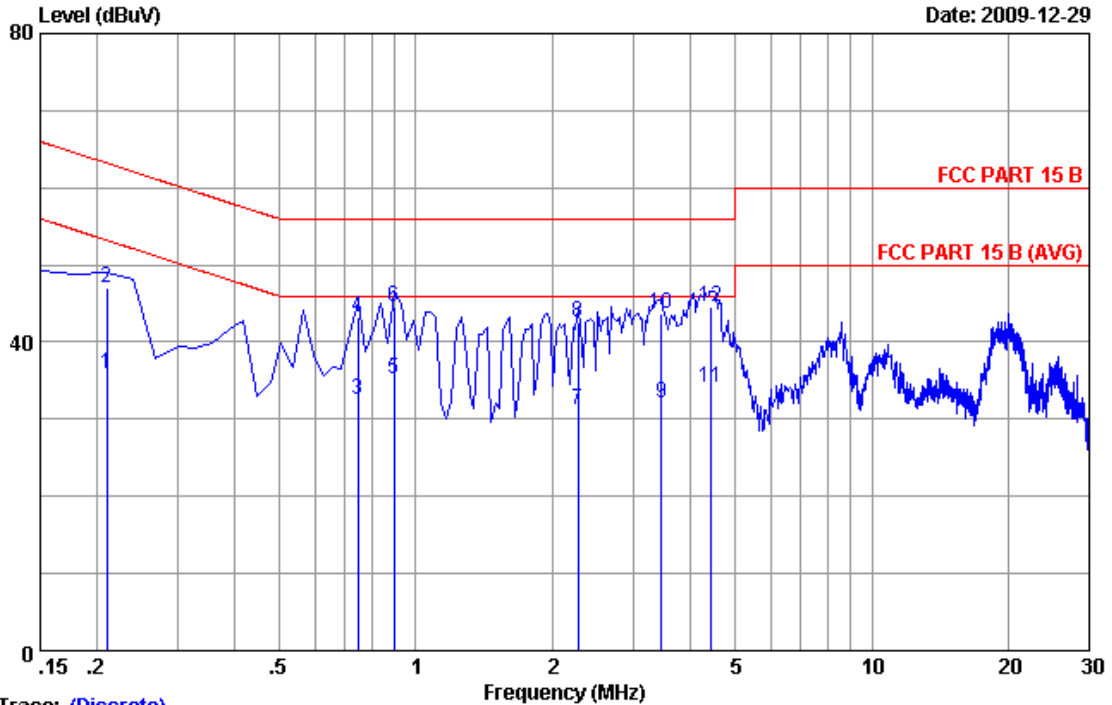
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.



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Data: 5 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2009-12-29



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :5
 Dis./Ant. **: 2009 KNW407 VB
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L32FHDF11
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI3:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.20970 | 0.44 | 9.88 | 25.50 | 35.82 | 53.22 | 17.40 | Average |
| 2 | 0.20970 | 0.44 | 9.88 | 36.70 | 47.02 | 63.22 | 16.20 | QP |
| 3 | 0.74700 | 0.35 | 9.89 | 22.30 | 32.54 | 46.00 | 13.46 | Average |
| 4 | 0.74700 | 0.35 | 9.89 | 33.07 | 43.31 | 56.00 | 12.69 | QP |
| 5 | 0.89625 | 0.35 | 9.89 | 24.90 | 35.14 | 46.00 | 10.86 | Average |
| 6 | 0.89625 | 0.35 | 9.89 | 34.24 | 44.48 | 56.00 | 11.52 | QP |
| 7 | 2.269 | 0.36 | 9.90 | 20.90 | 31.16 | 46.00 | 14.84 | Average |
| 8 | 2.269 | 0.36 | 9.90 | 32.32 | 42.58 | 56.00 | 13.42 | QP |
| 9 | 3.463 | 0.37 | 9.91 | 21.90 | 32.18 | 46.00 | 13.82 | Average |
| 10 | 3.463 | 0.37 | 9.91 | 33.34 | 43.62 | 56.00 | 12.38 | QP |
| 11 | 4.448 | 0.37 | 9.91 | 23.90 | 34.18 | 46.00 | 11.82 | Average |
| 12 | 4.448 | 0.37 | 9.91 | 34.32 | 44.60 | 56.00 | 11.40 | QP |

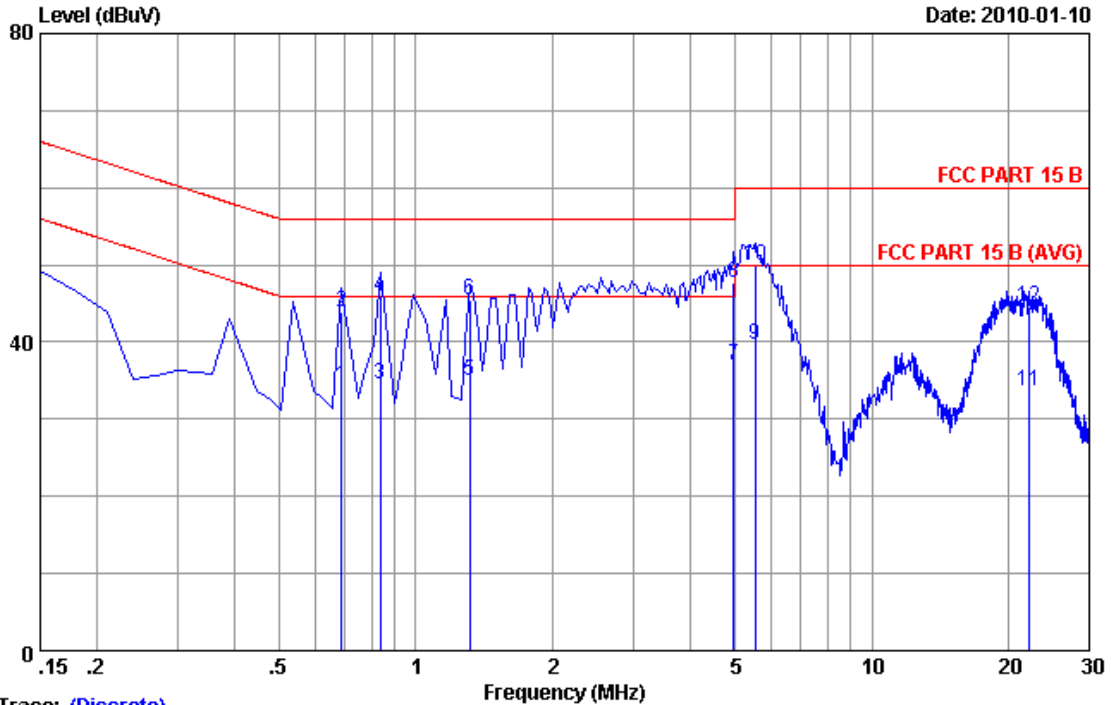
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.



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Data: 31 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2010-01-10



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :31
 Dis./Ant. **: 2009 KNW407 VA
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L40FHDF10
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI1:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.68730 | 0.36 | 9.89 | 24.10 | 34.35 | 46.00 | 11.65 | Average |
| 2 | 0.68730 | 0.36 | 9.89 | 33.68 | 43.93 | 56.00 | 12.07 | QP |
| 3 | 0.83655 | 0.35 | 9.89 | 24.40 | 34.64 | 46.00 | 11.36 | Average |
| 4 | 0.83655 | 0.35 | 9.89 | 35.68 | 45.92 | 56.00 | 10.08 | QP |
| 5 | 1.314 | 0.34 | 9.89 | 24.80 | 35.03 | 46.00 | 10.97 | Average |
| 6 | 1.314 | 0.34 | 9.89 | 35.31 | 45.54 | 56.00 | 10.46 | QP |
| 7 | 4.986 | 0.39 | 9.91 | 26.60 | 36.90 | 46.00 | 9.10 | Average |
| 8 | 4.986 | 0.39 | 9.91 | 37.37 | 47.67 | 56.00 | 8.33 | QP |
| 9 | 5.553 | 0.39 | 9.91 | 29.40 | 39.70 | 50.00 | 10.30 | Average |
| 10 | 5.553 | 0.39 | 9.91 | 39.55 | 49.85 | 60.00 | 10.15 | QP |
| 11 | 22.149 | 0.60 | 10.03 | 23.10 | 33.73 | 50.00 | 16.27 | Average |
| 12 | 22.149 | 0.60 | 10.03 | 33.97 | 44.60 | 60.00 | 15.40 | QP |

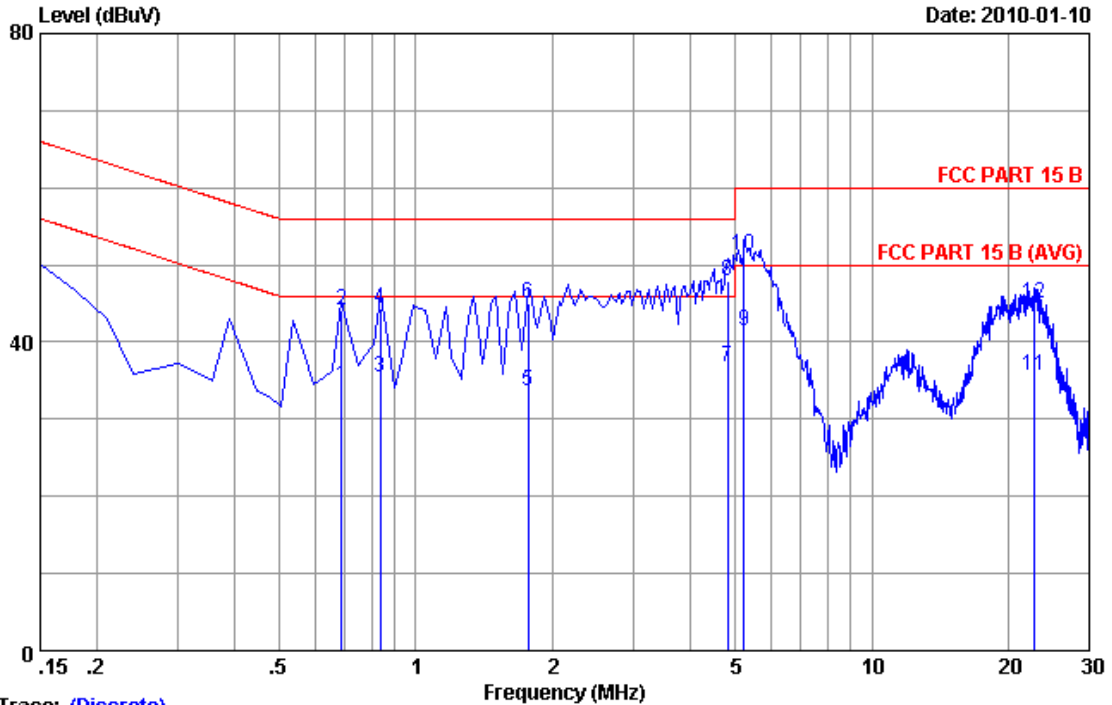
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.



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Data: 32 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2010-01-10



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :32
 Dis./Ant. **: 2009 KNW407 VB
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L40FHDF10
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI1:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.68730 | 0.35 | 9.89 | 24.10 | 34.34 | 46.00 | 11.66 | Average |
| 2 | 0.68730 | 0.35 | 9.89 | 33.92 | 44.16 | 56.00 | 11.84 | QP |
| 3 | 0.83655 | 0.35 | 9.89 | 25.10 | 35.34 | 46.00 | 10.66 | Average |
| 4 | 0.83655 | 0.35 | 9.89 | 34.18 | 44.42 | 56.00 | 11.58 | QP |
| 5 | 1.762 | 0.36 | 9.89 | 23.30 | 33.55 | 46.00 | 12.45 | Average |
| 6 | 1.762 | 0.36 | 9.89 | 34.81 | 45.06 | 56.00 | 10.94 | QP |
| 7 | 4.836 | 0.37 | 9.91 | 26.60 | 36.88 | 46.00 | 9.12 | Average |
| 8 | 4.836 | 0.37 | 9.91 | 37.55 | 47.83 | 56.00 | 8.17 | QP |
| 9 | 5.254 | 0.37 | 9.91 | 31.10 | 41.38 | 50.00 | 8.62 | Average |
| 10 | 5.254 | 0.37 | 9.91 | 40.93 | 51.21 | 60.00 | 8.79 | QP |
| 11 | 22.657 | 0.58 | 10.03 | 25.10 | 35.71 | 50.00 | 14.29 | Average |
| 12 | 22.657 | 0.58 | 10.03 | 34.32 | 44.93 | 60.00 | 15.07 | QP |

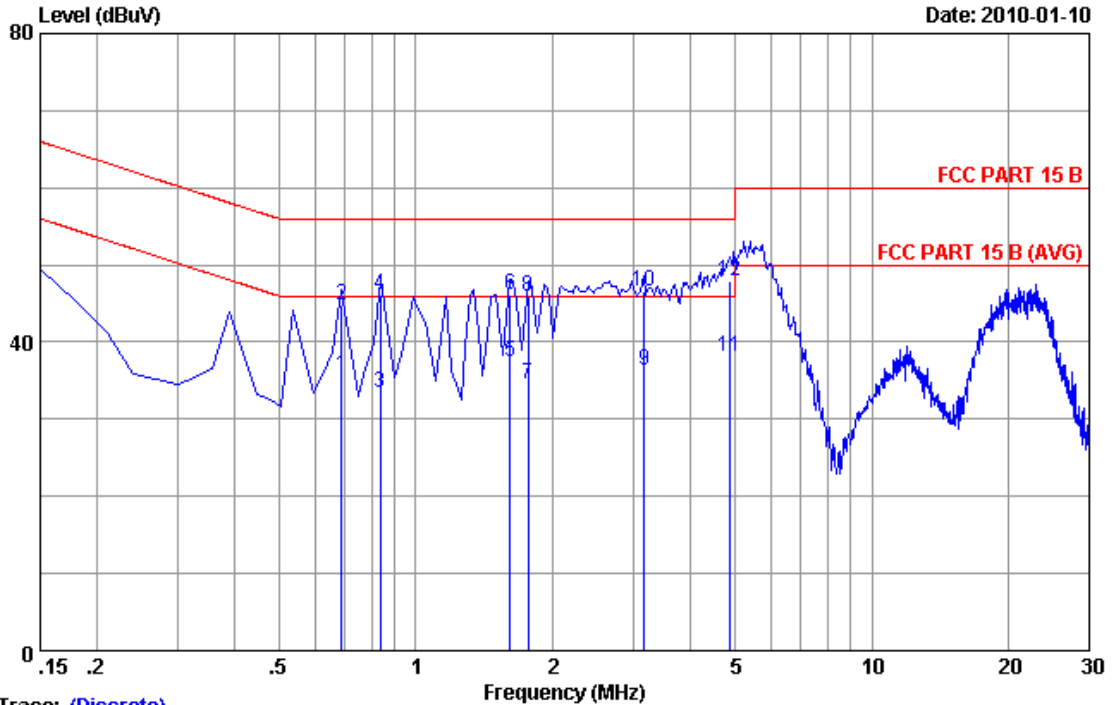
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.



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Data: 34 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2010-01-10



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :34
 Dis./Ant. **: 2009 KNW407 VA
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L40FHDF10
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI2:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.68730 | 0.36 | 9.89 | 25.50 | 35.75 | 46.00 | 10.25 | Average |
| 2 | 0.68730 | 0.36 | 9.89 | 34.44 | 44.69 | 56.00 | 11.31 | QP |
| 3 | 0.83655 | 0.35 | 9.89 | 23.29 | 33.53 | 46.00 | 12.47 | Average |
| 4 | 0.83655 | 0.35 | 9.89 | 35.86 | 46.10 | 56.00 | 9.90 | QP |
| 5 | 1.613 | 0.35 | 9.89 | 27.11 | 37.35 | 46.00 | 8.65 | Average |
| 6 | 1.613 | 0.35 | 9.89 | 35.98 | 46.22 | 56.00 | 9.78 | QP |
| 7 | 1.762 | 0.36 | 9.89 | 24.40 | 34.65 | 46.00 | 11.35 | Average |
| 8 | 1.762 | 0.36 | 9.89 | 35.75 | 46.00 | 56.00 | 10.00 | QP |
| 9 | 3.165 | 0.36 | 9.91 | 26.10 | 36.37 | 46.00 | 9.63 | Average |
| 10 | 3.165 | 0.36 | 9.91 | 36.33 | 46.60 | 56.00 | 9.40 | QP |
| 11 | 4.896 | 0.39 | 9.91 | 27.70 | 38.00 | 46.00 | 8.00 | Average |
| 12 | 4.896 | 0.39 | 9.91 | 37.66 | 47.96 | 56.00 | 8.04 | QP |

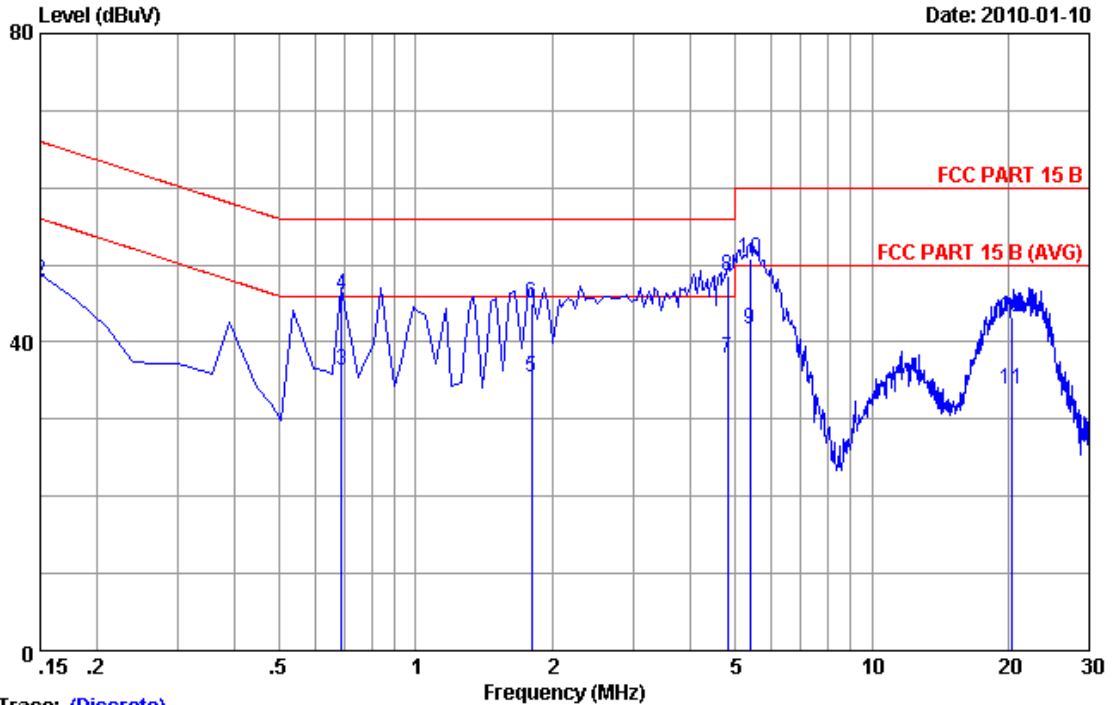
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.



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Data: 33 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2010-01-10



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :33
 Dis./Ant. **: 2009 KNW407 VB
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L40FHDF10
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI2:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.15000 | 0.49 | 9.88 | 26.90 | 37.27 | 56.00 | 18.73 | Average |
| 2 | 0.15000 | 0.49 | 9.88 | 37.51 | 47.88 | 66.00 | 18.12 | QP |
| 3 | 0.68730 | 0.35 | 9.89 | 26.10 | 36.34 | 46.00 | 9.66 | Average |
| 4 | 0.68730 | 0.35 | 9.89 | 35.88 | 46.12 | 56.00 | 9.88 | QP |
| 5 | 1.792 | 0.36 | 9.89 | 25.10 | 35.35 | 46.00 | 10.65 | Average |
| 6 | 1.792 | 0.36 | 9.89 | 34.78 | 45.03 | 56.00 | 10.97 | QP |
| 7 | 4.836 | 0.37 | 9.91 | 27.70 | 37.98 | 46.00 | 8.02 | Average |
| 8 | 4.836 | 0.37 | 9.91 | 38.19 | 48.47 | 56.00 | 7.53 | QP |
| 9 | 5.404 | 0.38 | 9.91 | 31.30 | 41.59 | 50.00 | 8.41 | Average |
| 10 | 5.404 | 0.38 | 9.91 | 40.50 | 50.79 | 60.00 | 9.21 | QP |
| 11 | 20.299 | 0.57 | 10.01 | 23.30 | 33.88 | 50.00 | 16.12 | Average |
| 12 | 20.299 | 0.57 | 10.01 | 32.68 | 43.26 | 60.00 | 16.74 | QP |

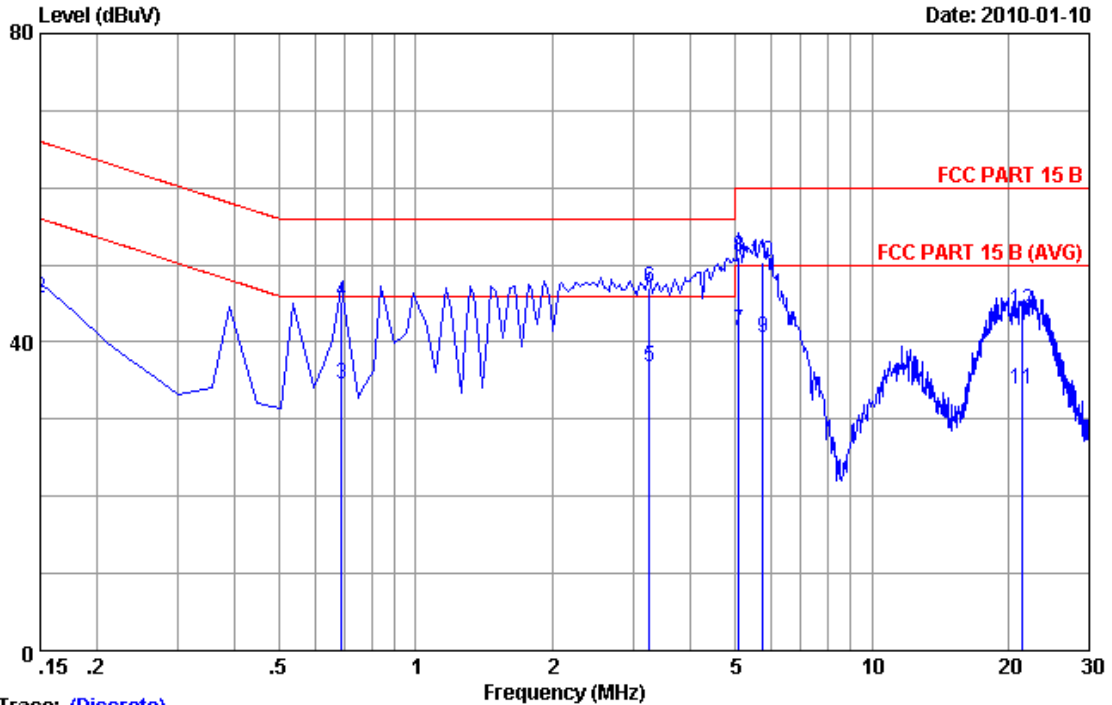
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.



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Postcode:518057

Data: 35 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2010-01-10



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :35
 Dis./Ant. **: 2009 KNW407 VA
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L40FHDF10
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI3:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.15000 | 0.47 | 9.88 | 24.40 | 34.75 | 56.00 | 21.25 | Average |
| 2 | 0.15000 | 0.47 | 9.88 | 35.24 | 45.59 | 66.00 | 20.41 | QP |
| 3 | 0.68730 | 0.36 | 9.89 | 24.40 | 34.65 | 46.00 | 11.35 | Average |
| 4 | 0.68730 | 0.36 | 9.89 | 34.96 | 45.21 | 56.00 | 10.79 | QP |
| 5 | 3.254 | 0.36 | 9.91 | 26.60 | 36.87 | 46.00 | 9.13 | Average |
| 6 | 3.254 | 0.36 | 9.91 | 36.75 | 47.02 | 56.00 | 8.98 | QP |
| 7 | 5.105 | 0.39 | 9.91 | 31.10 | 41.40 | 50.00 | 8.60 | Average |
| 8 | 5.105 | 0.39 | 9.91 | 40.74 | 51.04 | 60.00 | 8.96 | QP |
| 9 | 5.762 | 0.39 | 9.91 | 30.30 | 40.60 | 50.00 | 9.40 | Average |
| 10 | 5.762 | 0.39 | 9.91 | 39.95 | 50.25 | 60.00 | 9.75 | QP |
| 11 | 21.463 | 0.60 | 10.02 | 23.30 | 33.92 | 50.00 | 16.08 | Average |
| 12 | 21.463 | 0.60 | 10.02 | 33.53 | 44.15 | 60.00 | 15.85 | QP |

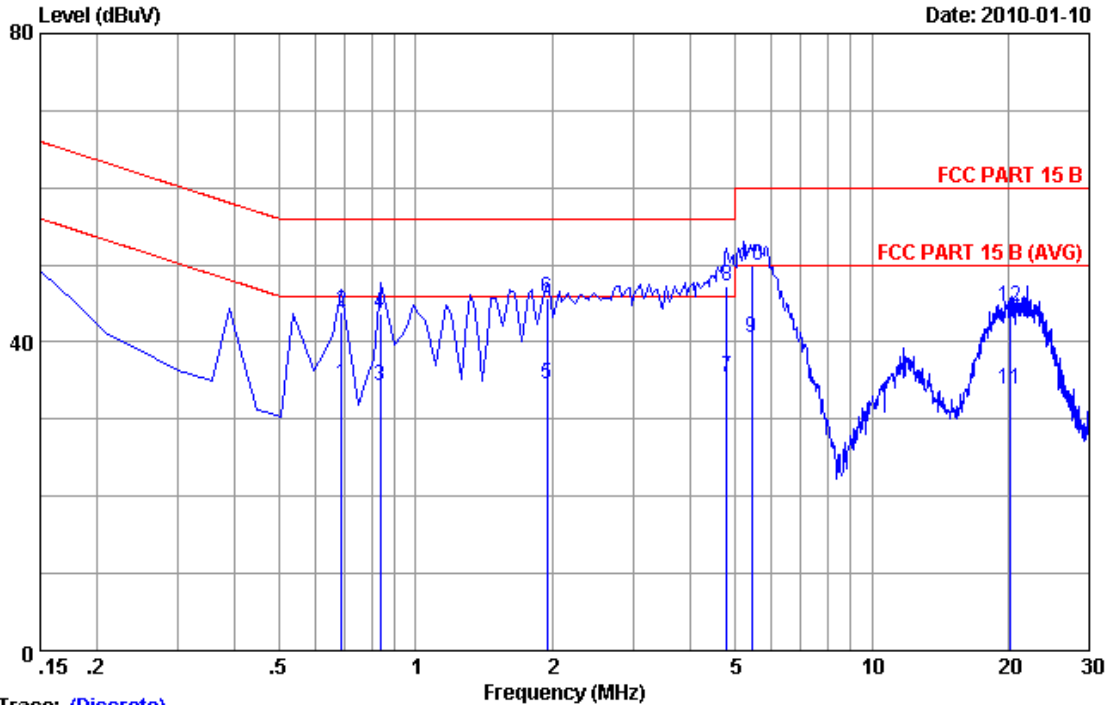
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.



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Data: 36 File: D:\DATA\2009 Report\TCL\ACS9Q2081R2.EM6 (60)

Date: 2010-01-10



Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :36
 Dis./Ant. **: 2009 KNW407 VB
 Limit :FCC PART 15 B
 Env./Ins. :Temp:23'C Humi:54% Engineer :Mario_Wu
 EUT :LCD TV M/N:L40FHDF10
 Power Rating :AC 120V/60Hz
 Test Mode :Running "H" Pattern And Playing Music
 HDMI3:1080P

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|---------|
| 1 | 0.68730 | 0.35 | 9.89 | 24.40 | 34.64 | 46.00 | 11.36 | Average |
| 2 | 0.68730 | 0.35 | 9.89 | 33.56 | 43.80 | 56.00 | 12.20 | QP |
| 3 | 0.83655 | 0.35 | 9.89 | 24.10 | 34.34 | 46.00 | 11.66 | Average |
| 4 | 0.83655 | 0.35 | 9.89 | 33.42 | 43.66 | 56.00 | 12.34 | QP |
| 5 | 1.941 | 0.36 | 9.90 | 24.30 | 34.56 | 46.00 | 11.44 | Average |
| 6 | 1.941 | 0.36 | 9.90 | 35.34 | 45.60 | 56.00 | 10.40 | QP |
| 7 | 4.807 | 0.37 | 9.91 | 25.10 | 35.38 | 46.00 | 10.62 | Average |
| 8 | 4.807 | 0.37 | 9.91 | 36.94 | 47.22 | 56.00 | 8.78 | QP |
| 9 | 5.463 | 0.38 | 9.91 | 30.30 | 40.59 | 50.00 | 9.41 | Average |
| 10 | 5.463 | 0.38 | 9.91 | 39.67 | 49.96 | 60.00 | 10.04 | QP |
| 11 | 20.090 | 0.57 | 10.01 | 23.30 | 33.88 | 50.00 | 16.12 | Average |
| 12 | 20.090 | 0.57 | 10.01 | 34.02 | 44.60 | 60.00 | 15.40 | QP |

Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

4. RADIATED EMISSION TEST

4.1. Test Equipment

For frequency range 30MHz~1000MHz (At Anechoic Chamber)

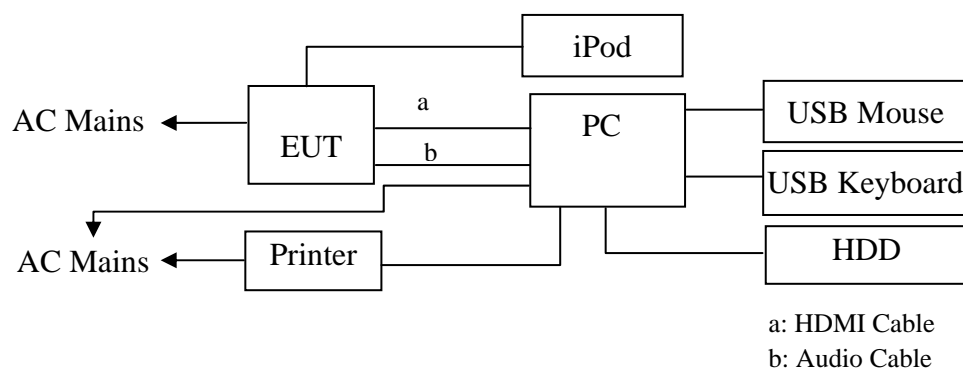
| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|----------------|-----------------|-----------|-----------------|------------|---------------|
| 1 | 3#Chamber | AUDIX | N/A | N/A | Dec.05,09 | 1 Year |
| 2 | EMI Spectrum | Agilent | E4407B | MY41440292 | May.08, 09 | 1 Year |
| 3 | Test Receiver | Rohde & Schwarz | ESVS10 | 834468/011 | May.08, 09 | 1 Year |
| 4 | Amplifier | HP | 8447D | 2648A04738 | May.08, 09 | 1 Year |
| 5 | Bilog Antenna | Schaffner | CBL6111C | 2598 | Dec.14, 09 | 1 Year |
| 6 | RF Cable | MIYAZAKI | 8D-FB | 3# Chamber No.1 | May.08, 09 | 1 Year |
| 7 | Coaxial Switch | Anritsu | MP59B | M73989 | May.08, 09 | 1 Year |

For frequency range: Above 1000MHz (At Anechoic Chamber)

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|--------------|-------------|------------|------------|---------------|
| 1 | Spectrum Analyzer | Agilent | E4446A | US44300459 | May.08, 09 | 1 Year |
| 2 | Horn Antenna | EMCO | 3115 | 9607-4877 | Nov.25, 09 | 1.5 Year |
| 3 | Amplifier | Agilent | 8449B | 3008A08495 | Aug.04,09 | 1 Year |
| 4 | RF Cable | Hubersuhner | SUCOFLEX102 | 28620/2 | Nov.28, 09 | 1 Year |
| 5 | RF Cable | Hubersuhner | SUCOFLEX102 | 29091/2 | Nov.28, 09 | 1 Year |

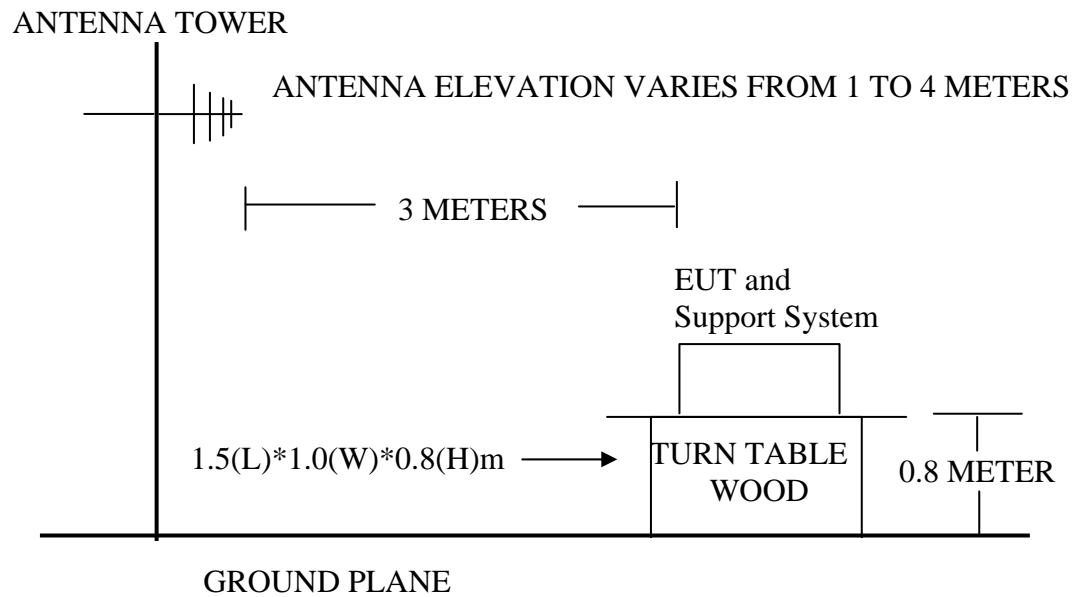
4.2. Block Diagram of Test Setup

4.2.1. Block diagram of connection between the EUT and simulators

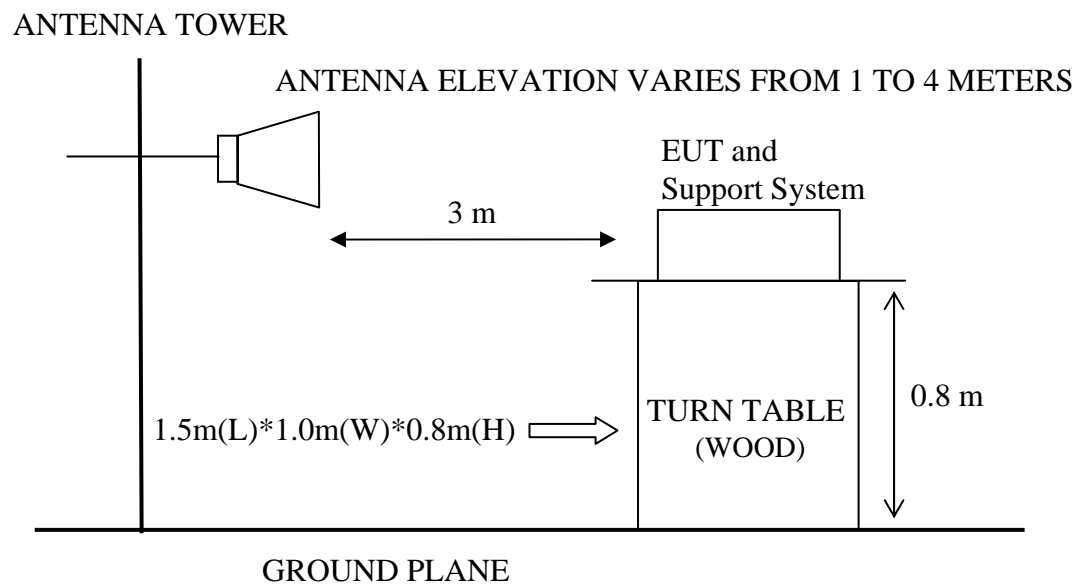


(EUT: LCD TV)

4.2.2. In Anechoic (3m) Chamber Test Setup Diagram for 30MHz~1000MHz



4.2.3. In Anechoic (3m) Chamber Test Setup Diagram for 1-6GHz



4.3. Radiated Emission Limit

| Frequency MHz | Distance (Meters) | Field Strengths Limits dB(μV)/m |
|---------------|-------------------|---|
| 30 ~ 88 | 3 | 40.0 |
| 88 ~ 216 | 3 | 43.5 |
| 216 ~ 960 | 3 | 46.0 |
| 960 ~ 1000 | 3 | 54.0 |
| Above ~ 1000 | 3 | 74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average) |

- Remark :
- (1) Emission level dBμV = 20 log Emission level μV/m
 - (2) The smaller limit shall apply at the cross point between two frequency bands.
 - (3) The emissions above 1GHz should comply with average limit and peak limit.

4.4.EUT Configuration on Test

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

4.4.1.LCD TV (EUT)

| | |
|---------------|-----------------------------------|
| Model Number | : L32FHDF11; L40FHDF10; L40FHDF11 |
| Serial Number | : N/A |

4.5.Operating Condition of EUT

4.5.1.Setup the EUT as shown in Section 4.2.

4.5.2.Turn on the power of all equipment.

4.5.3.Let the EUT work in test mode (Running “H” Pattern and Playing Music HDMI 1080P) , Adjust the brightness & contrast to maximum and measure it.

4.6.Test Procedure

The EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber. An antenna was located 3m from the EUT on an adjustable mast. A pre-scan was first performed in order to find prominent radiated emissions. For final emissions measurements at each frequency of interest, the EUT were rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4-2003 on Radiated Emission test.

The bandwidth setting on the test receiver (R&S TEST RECEIVER ESVS10) is 120 kHz.

The resolution bandwidth of the Agilent Spectrum Analyzer E4446A was set at 1MHz. (For above 1GHz)

The frequency range from 30MHz to 1000MHz was pre-scanned with a peak detector and all final readings of measurement from Test Receiver are Quasi-Peak values.

The frequency range from 1GHz to 6GHz was checked with peak and average detector, measurement distance is 3m in 3m chamber.

Finally, selected operating situations at Anechoic Chamber measurement, all the test results are listed in section 4.7.

4.7. Radiated Disturbance Test Results

PASS. (All emissions not reported below are too low against the prescribed limits.)

For frequency range 30MHz~1000MHz

The EUT with the following test modes were tested and selected (mode 1~6) to read Q.P values, all the test results are listed in next pages.

EUT: LCD TV

Model No. : L32FHDF11; L40FHDF10

Test Date: Jan.09, 2010

Temperature: 24℃

Humidity: 56%

The details of test modes are as follows :

| No. | M/N | Test Mode | Resolution & Frequency | Reference Test Data No. | |
|------|-----------|---------------------------------------|------------------------|-------------------------|------------|
| | | | | Horizontal | Vertical |
| 1. | L32FHDF11 | Running "H" Pattern and Playing Music | HDMI1 1080P | #29 | #30 |
| 2. | | | HDMI2 1080P | #27 | #28 |
| 3. | | | HDMI3 1080P | #26 | #25 |
| 4. | L40FHDF10 | Running "H" Pattern and Playing Music | HDMI1 1080P | #31 | #32 |
| 5. ※ | | | HDMI2 1080P | #34 | #33 |
| 6. | | | HDMI3 1080P | #35 | #36 |

(※ Worst test mode)

For frequency range 1GHz~6GHz

The EUT with below test mode 1~6 were measured within Anechoic Chamber and the test results listed in next pages.

All the PK emissions were comply with average limit, so the average level were deemed to comply with average limit

Test Date: Jan.13, 2010

Temperature: 24℃

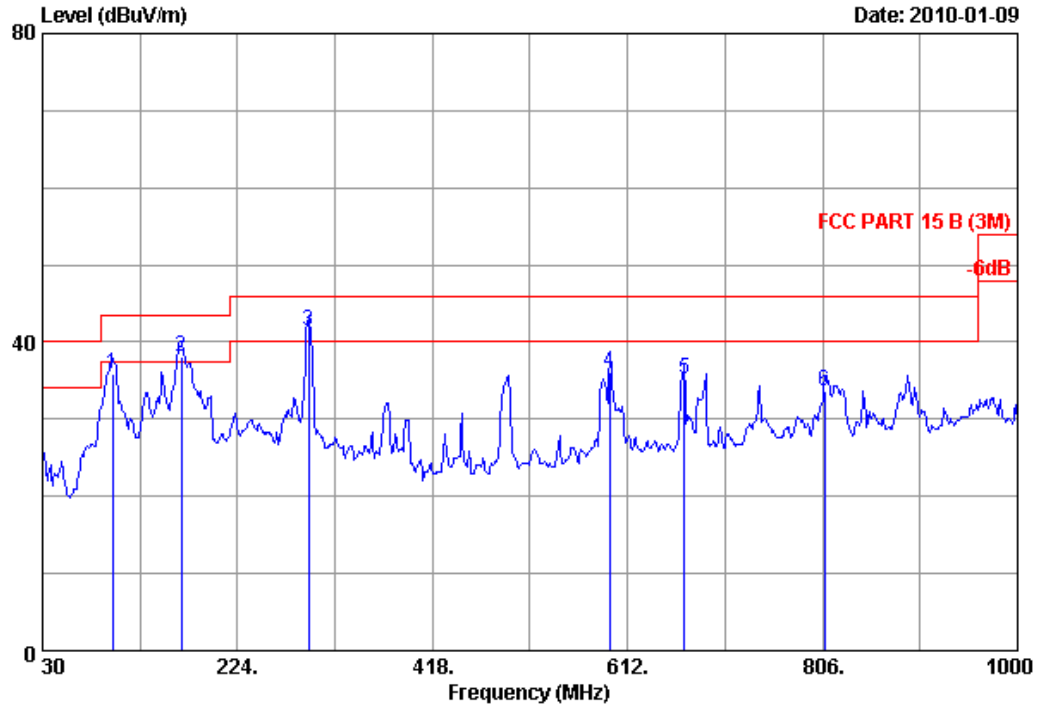
Humidity: 56%

| No. | M/N | Test Mode | Resolution & Frequency | Reference Test Data No. | |
|-----|-----------|---------------------------------------|------------------------|-------------------------|----------|
| | | | | Horizontal | Vertical |
| 1. | L32FHDF11 | Running "H" Pattern and Playing Music | HDMI1 1080P | #73, #75 | #74, #76 |
| 2. | | | HDMI2 1080P | #77, #79 | #78, #80 |
| 3. | | | HDMI3 1080P | #81, #83 | #82, #84 |
| 4. | L40FHDF10 | Running "H" Pattern and Playing Music | HDMI1 1080P | #61, #63 | #62, #64 |
| 5. | | | HDMI2 1080P | #65, #67 | #66, #68 |
| 6. | | | HDMI3 1080P | #69, #71 | #70, #72 |



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Data: 29 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)



Site no. : 3m chamber Data no. : 29
 Dis. / Ant. : 3m 2009 CBL6111C Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI1:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 99.840 | 10.40 | 0.90 | 24.51 | 35.81 | 43.50 | 7.69 | QP |
| 2 | 167.740 | 10.40 | 1.16 | 26.63 | 38.19 | 43.50 | 5.31 | QP |
| 3 | 294.810 | 13.70 | 1.72 | 25.96 | 41.38 | 46.00 | 4.62 | QP |
| 4 | 594.540 | 19.85 | 2.48 | 13.83 | 36.16 | 46.00 | 9.84 | QP |
| 5 | 668.260 | 20.76 | 2.70 | 11.67 | 35.13 | 46.00 | 10.87 | QP |
| 6 | 807.940 | 22.00 | 3.06 | 8.57 | 33.63 | 46.00 | 12.37 | QP |

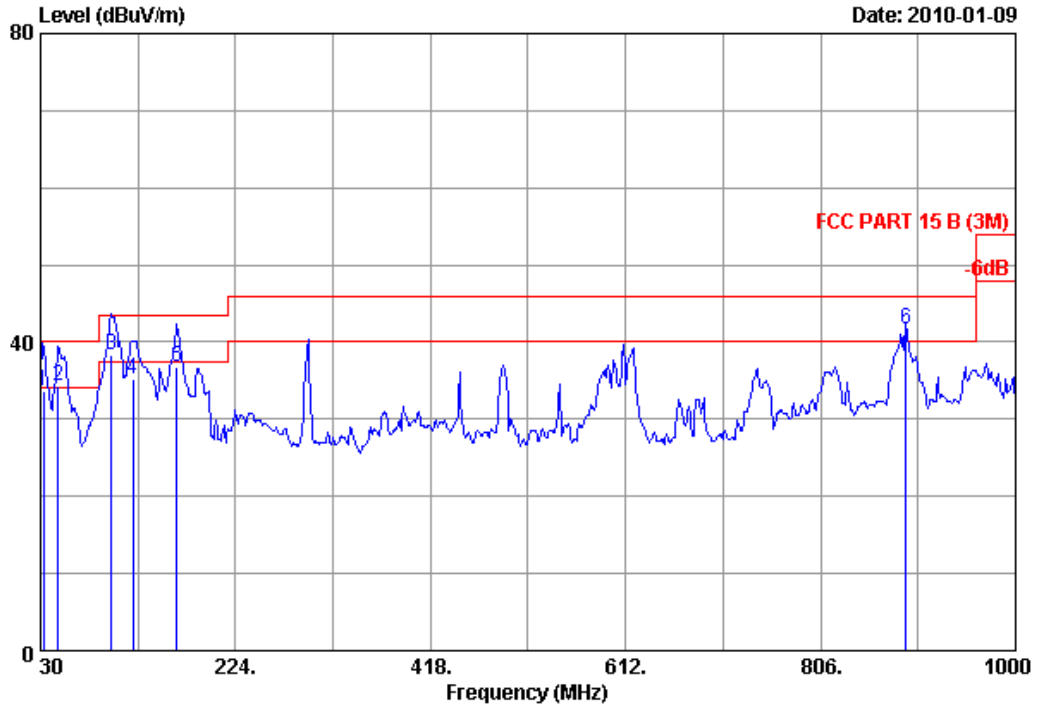
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Data: 30 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-09



Site no. : 3m chamber Data no. : 30
 Dis. / Ant. : 3m 2009 CBL6111C Ant. pol. : VERTICAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI1:1080P

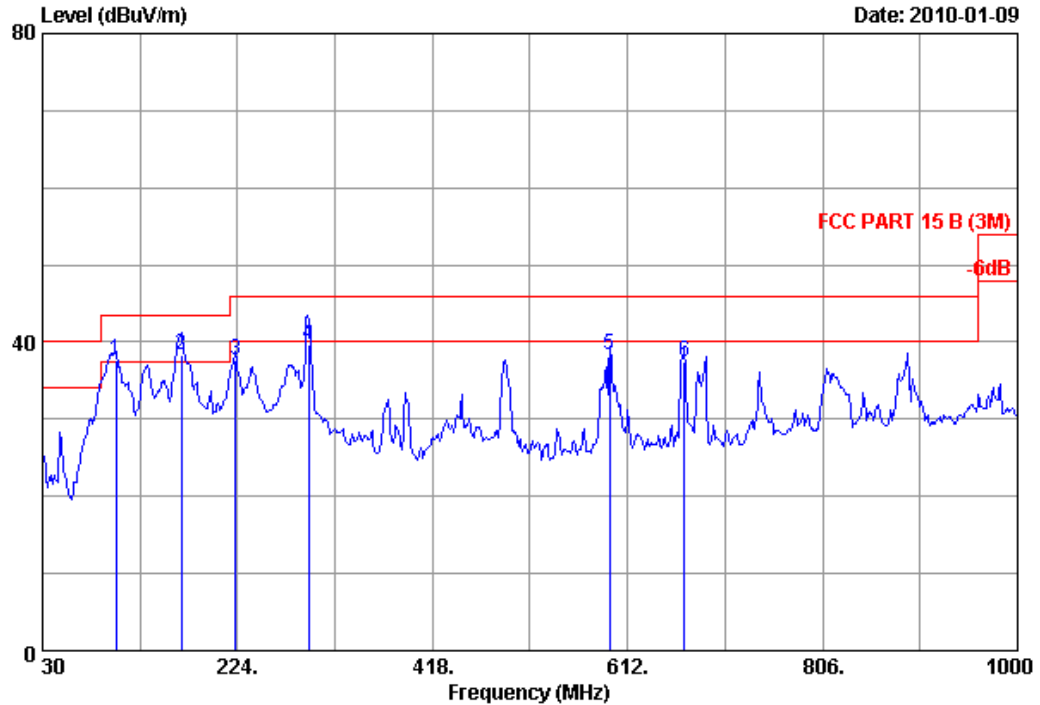
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 32.650 | 18.32 | 0.54 | 14.90 | 33.76 | 40.00 | 6.24 | QP |
| 2 | 47.930 | 10.55 | 0.64 | 23.10 | 34.29 | 40.00 | 5.71 | QP |
| 3 | 100.990 | 10.50 | 0.90 | 26.90 | 38.30 | 43.50 | 5.20 | QP |
| 4 | 121.780 | 11.98 | 0.99 | 22.30 | 35.27 | 43.50 | 8.23 | QP |
| 5 | 165.670 | 10.60 | 1.16 | 24.90 | 36.66 | 43.50 | 6.84 | QP |
| 6 | 891.010 | 22.89 | 3.17 | 15.60 | 41.66 | 46.00 | 4.34 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Data: 27 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)



Site no. : 3m chamber Data no. : 27
 Dis. / Ant. : 3m 2009 CBL6111C Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI2:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 102.750 | 10.70 | 0.91 | 26.11 | 37.72 | 43.50 | 5.78 | QP |
| 2 | 167.740 | 10.40 | 1.16 | 26.66 | 38.22 | 43.50 | 5.28 | QP |
| 3 | 222.060 | 10.36 | 1.45 | 25.91 | 37.72 | 46.00 | 8.28 | QP |
| 4 | 294.500 | 13.70 | 1.72 | 24.30 | 39.72 | 46.00 | 6.28 | QP |
| 5 | 594.540 | 19.85 | 2.48 | 16.08 | 38.41 | 46.00 | 7.59 | QP |
| 6 | 668.260 | 20.76 | 2.70 | 14.05 | 37.51 | 46.00 | 8.49 | QP |

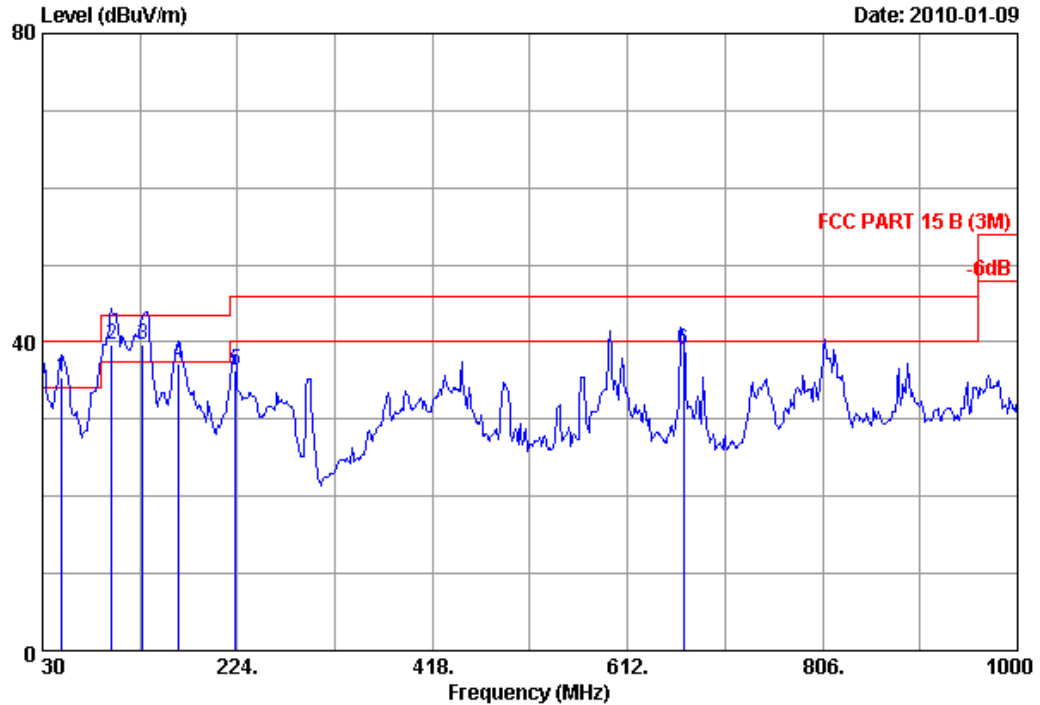
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Data: 28 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-09



Site no. : 3m chamber Data no. : 28
 Dis. / Ant. : 3m 2009 CBL6111C Ant. pol. : VERTICAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI2:1080P

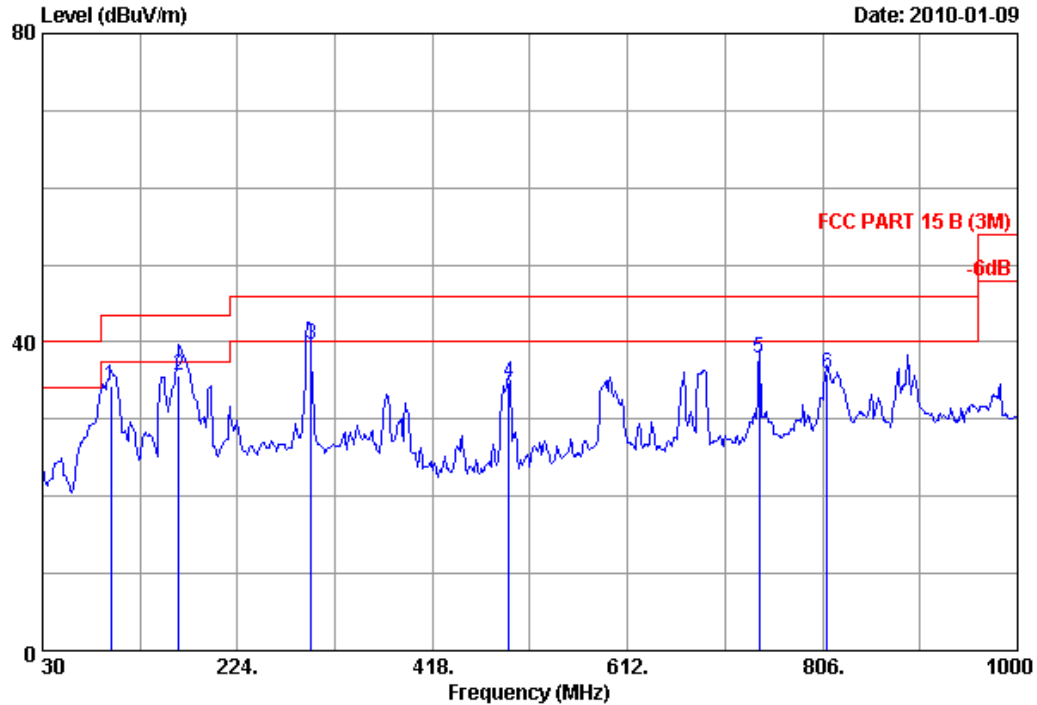
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 49.400 | 9.72 | 0.65 | 25.02 | 35.39 | 40.00 | 4.61 | QP |
| 2 | 98.900 | 10.26 | 0.90 | 28.60 | 39.76 | 43.50 | 3.74 | QP |
| 3 | 130.030 | 12.20 | 1.01 | 26.50 | 39.71 | 43.50 | 3.79 | QP |
| 4 | 165.800 | 10.60 | 1.16 | 25.46 | 37.22 | 43.50 | 6.28 | QP |
| 5 | 222.060 | 10.36 | 1.45 | 24.57 | 36.38 | 46.00 | 9.62 | QP |
| 6 | 667.290 | 20.75 | 2.70 | 15.58 | 39.03 | 46.00 | 6.97 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Data: 26 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)



Site no. : 3m chamber Data no. : 26
 Dis. / Ant. : 3m 2009 CBL6111C Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI3:1080P

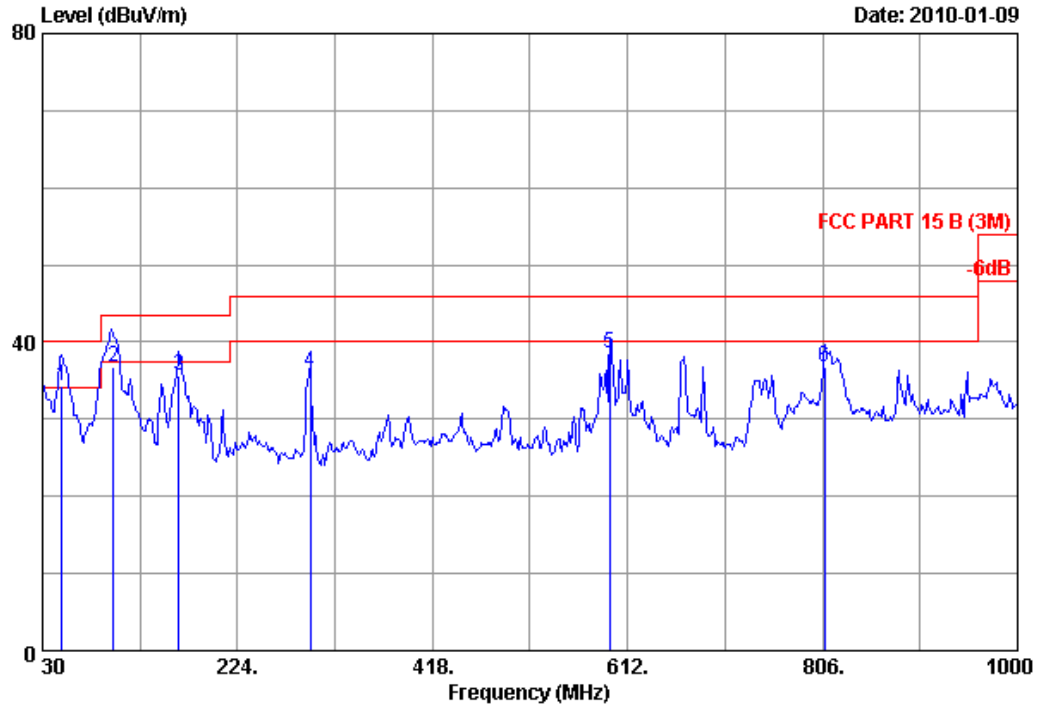
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 97.900 | 10.12 | 0.89 | 23.26 | 34.27 | 43.50 | 9.23 | QP |
| 2 | 165.800 | 10.60 | 1.16 | 23.95 | 35.71 | 43.50 | 7.79 | QP |
| 3 | 297.010 | 13.70 | 1.72 | 24.30 | 39.72 | 46.00 | 6.28 | QP |
| 4 | 493.660 | 18.24 | 2.23 | 14.25 | 34.72 | 46.00 | 11.28 | QP |
| 5 | 742.950 | 21.86 | 2.91 | 13.14 | 37.91 | 46.00 | 8.09 | QP |
| 6 | 810.850 | 22.02 | 3.06 | 10.89 | 35.97 | 46.00 | 10.03 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Data: 25 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)



Site no. : 3m chamber Data no. : 25
 Dis. / Ant. : 3m 2009 CBL6111C Ant. pol. : VERTICAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI3:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 49.400 | 9.72 | 0.65 | 23.98 | 34.35 | 40.00 | 5.65 | QP |
| 2 | 100.780 | 10.50 | 0.90 | 25.30 | 36.70 | 43.50 | 6.80 | QP |
| 3 | 165.800 | 10.60 | 1.16 | 23.99 | 35.75 | 43.50 | 7.75 | QP |
| 4 | 296.750 | 13.70 | 1.72 | 20.57 | 35.99 | 46.00 | 10.01 | QP |
| 5 | 594.540 | 19.85 | 2.48 | 16.18 | 38.51 | 46.00 | 7.49 | QP |
| 6 | 807.940 | 22.00 | 3.06 | 11.63 | 36.69 | 46.00 | 9.31 | QP |

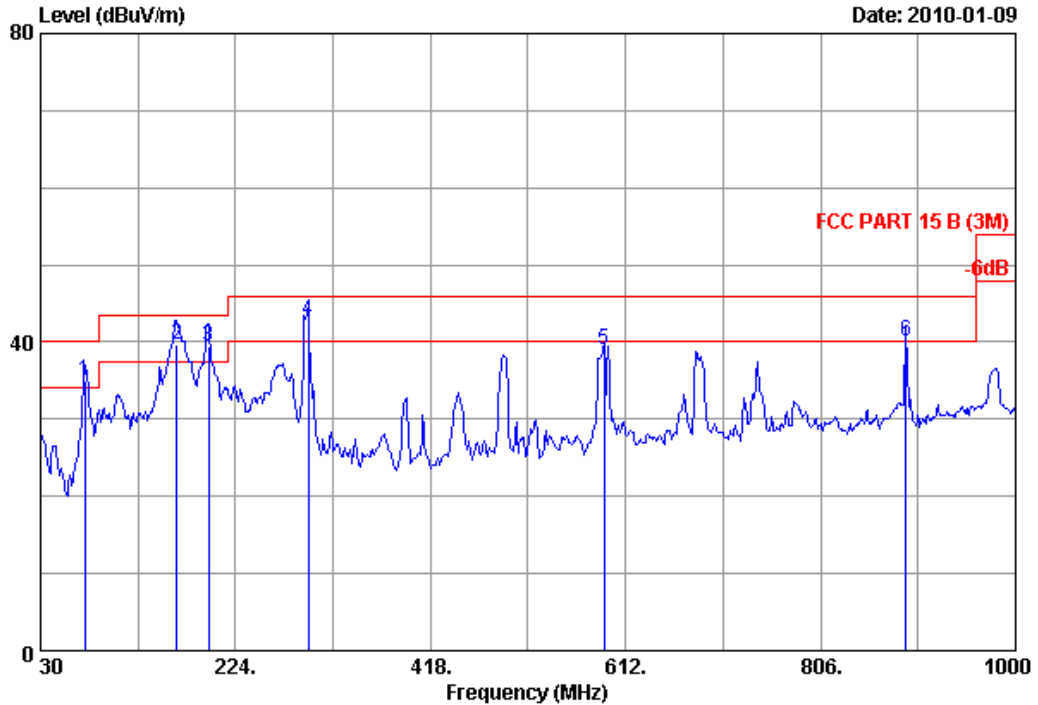
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Data: 31 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-09



Site no. : 3m chamber Data no. : 31
 Dis. / Ant. : 3m 2009 CBL6111C Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L40FHDF10
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI1:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 73.650 | 7.16 | 0.78 | 27.13 | 35.07 | 40.00 | 4.93 | QP |
| 2 | 165.800 | 10.60 | 1.16 | 28.01 | 39.77 | 43.50 | 3.73 | QP |
| 3 | 196.840 | 9.82 | 1.29 | 28.27 | 39.38 | 43.50 | 4.12 | QP |
| 4 | 296.750 | 13.70 | 1.72 | 27.38 | 42.80 | 46.00 | 3.20 | QP |
| 5 | 590.660 | 19.81 | 2.47 | 16.61 | 38.89 | 46.00 | 7.11 | QP |
| 6 | 891.360 | 22.89 | 3.17 | 14.13 | 40.19 | 46.00 | 5.81 | QP |

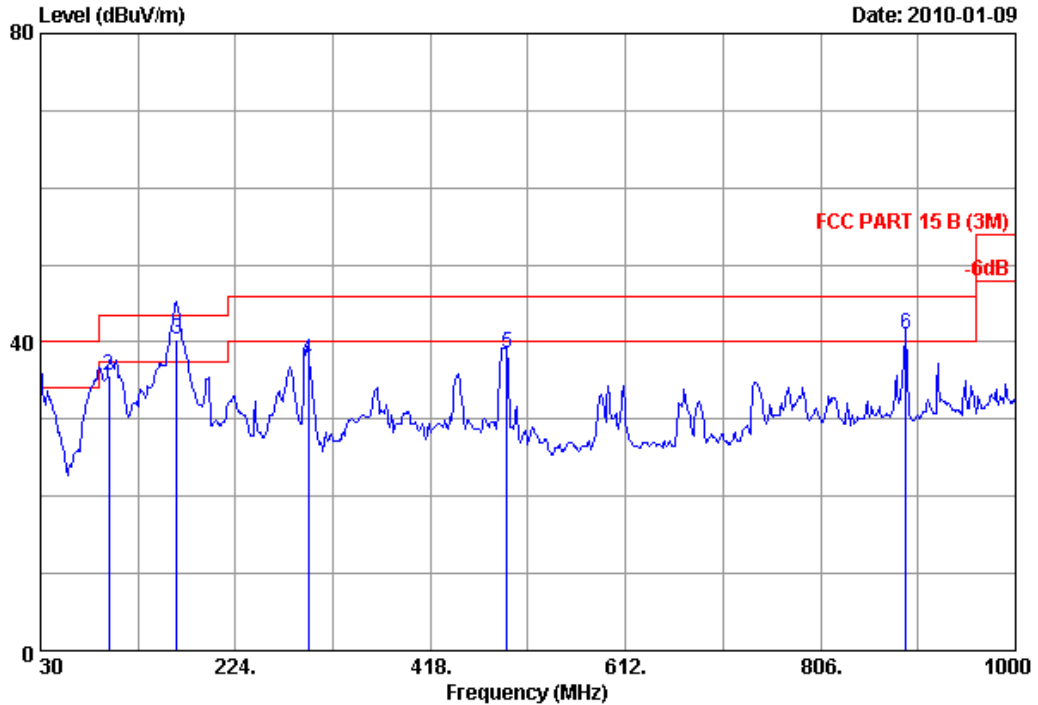
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Data: 32 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-09



Site no. : 3m chamber Data no. : 32
 Dis. / Ant. : 3m 2009 CBL6111C Ant. pol. : VERTICAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L40FHDF10
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI1:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 30.000 | 20.00 | 0.52 | 14.40 | 34.92 | 40.00 | 5.08 | QP |
| 2 | 97.900 | 10.12 | 0.89 | 24.70 | 35.71 | 43.50 | 7.79 | QP |
| 3 | 165.800 | 10.60 | 1.16 | 28.52 | 40.28 | 43.50 | 3.22 | QP |
| 4 | 296.750 | 13.70 | 1.72 | 22.24 | 37.66 | 46.00 | 8.34 | QP |
| 5 | 493.660 | 18.24 | 2.23 | 18.00 | 38.47 | 46.00 | 7.53 | QP |
| 6 | 891.360 | 22.89 | 3.17 | 14.83 | 40.89 | 46.00 | 5.11 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

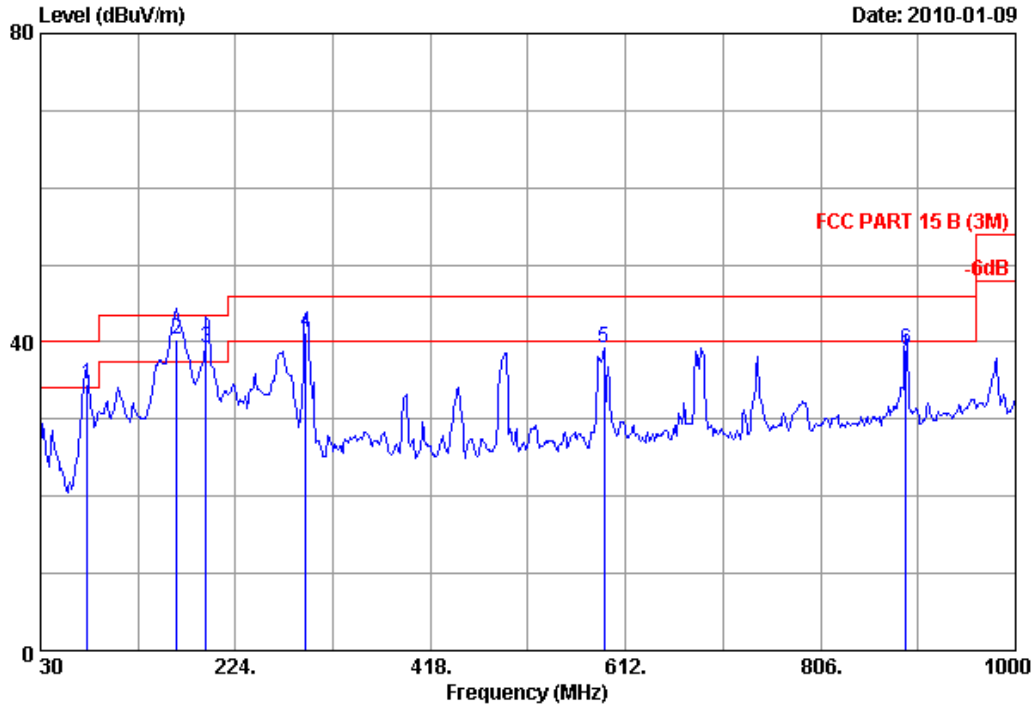


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Data: 34

File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-09



Site no. : 3m chamber
Dis. / Ant. : 3m 2009 CBL6111C
Limit : FCC PART 15 B (3M)
Env. / Ins. : 24°C/56%
EUT : LCD TV M/N:L40FHDF10
Power Rating : AC 120V/60Hz
Test Mode : Running 'H' Pattern And Playing Music
HDMI2:1080P

Data no. : 34
Ant. pol. : HORIZONTAL
Engineer : Cary Luo

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 76.560 | 7.47 | 0.79 | 26.28 | 34.54 | 40.00 | 5.46 | QP |
| 2 | 165.800 | 10.60 | 1.16 | 28.58 | 40.34 | 43.50 | 3.16 | QP |
| 3 | 194.900 | 9.70 | 1.29 | 28.15 | 39.14 | 43.50 | 4.36 | QP |
| 4 | 293.840 | 13.68 | 1.72 | 25.91 | 41.31 | 46.00 | 4.69 | QP |
| 5 | 590.660 | 19.81 | 2.47 | 16.93 | 39.21 | 46.00 | 6.79 | QP |
| 6 | 891.360 | 22.89 | 3.17 | 12.99 | 39.05 | 46.00 | 6.95 | QP |

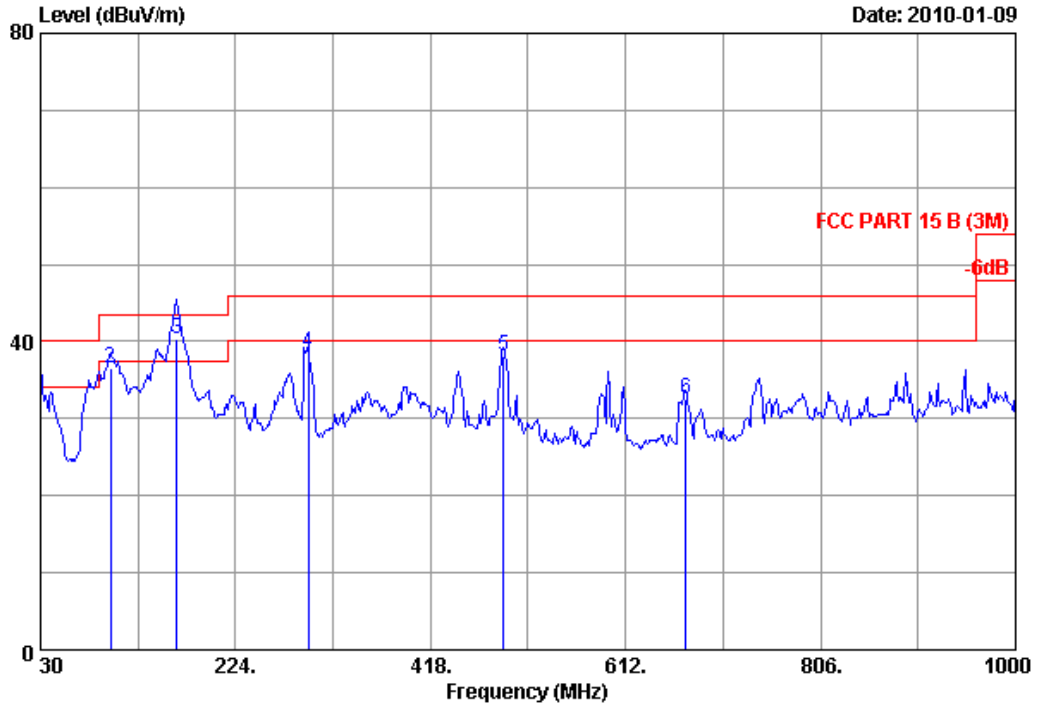
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. The worst emission was detected at 165.800MHz with corrected signal level of 40.34dB μ V/m (Limit is 43.50dB μ V/m) when the antenna was at horizontal polarization and at 2.0m high and the turn table was at 55°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



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Data: 33 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-09



Site no. : 3m chamber Data no. : 33
 Dis. / Ant. : 3m 2009 CBL6111C Ant. pol. : VERTICAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L40FHDF10
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI2:1080P

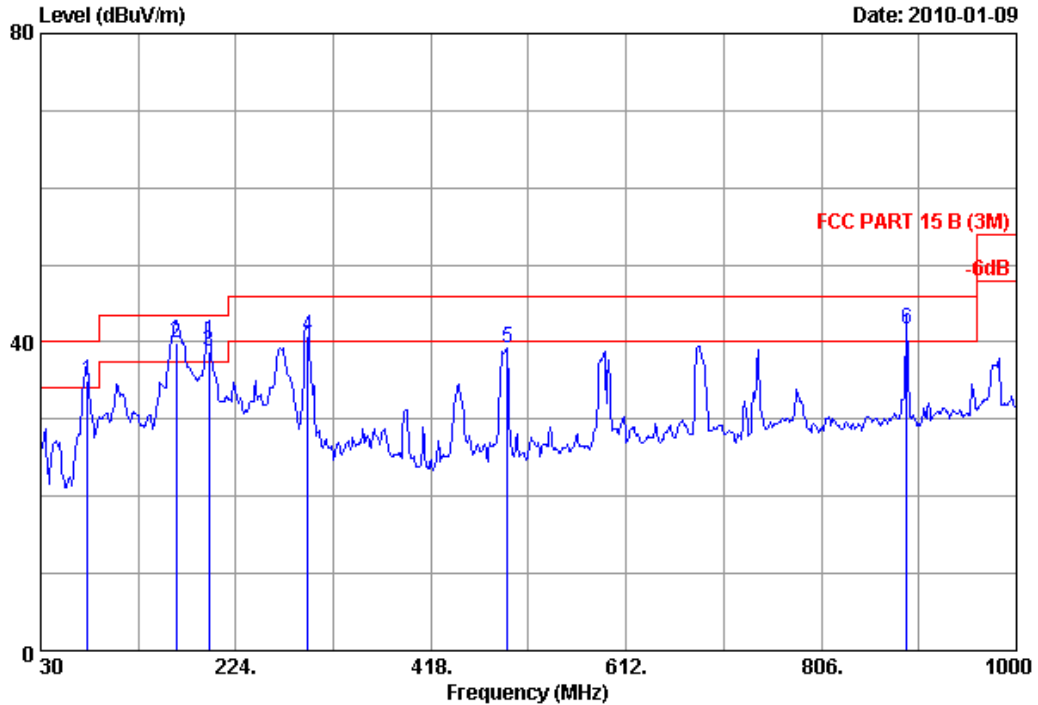
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 30.000 | 20.00 | 0.52 | 14.35 | 34.87 | 40.00 | 5.13 | QP |
| 2 | 99.840 | 10.40 | 0.90 | 25.22 | 36.52 | 43.50 | 6.98 | QP |
| 3 | 165.800 | 10.60 | 1.16 | 28.61 | 40.37 | 43.50 | 3.13 | QP |
| 4 | 296.750 | 13.70 | 1.72 | 23.08 | 38.50 | 46.00 | 7.50 | QP |
| 5 | 490.750 | 18.21 | 2.22 | 17.70 | 38.13 | 46.00 | 7.87 | QP |
| 6 | 672.140 | 20.78 | 2.71 | 9.15 | 32.64 | 46.00 | 13.36 | QP |

- Remarks:
1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.
 3. The worst emission was detected at 165.800MHz with corrected signal level of 40.37dBμV/m (Limit is 43.50dBμV/m) when the antenna was at vertical polarization and at 2.0m high and the turn table was at 310°.
 4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.



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Data: 35 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)



Site no. : 3m chamber Data no. : 35
 Dis. / Ant. : 3m 2009 CBL6111C Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L40FHDF10
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI3:1080P

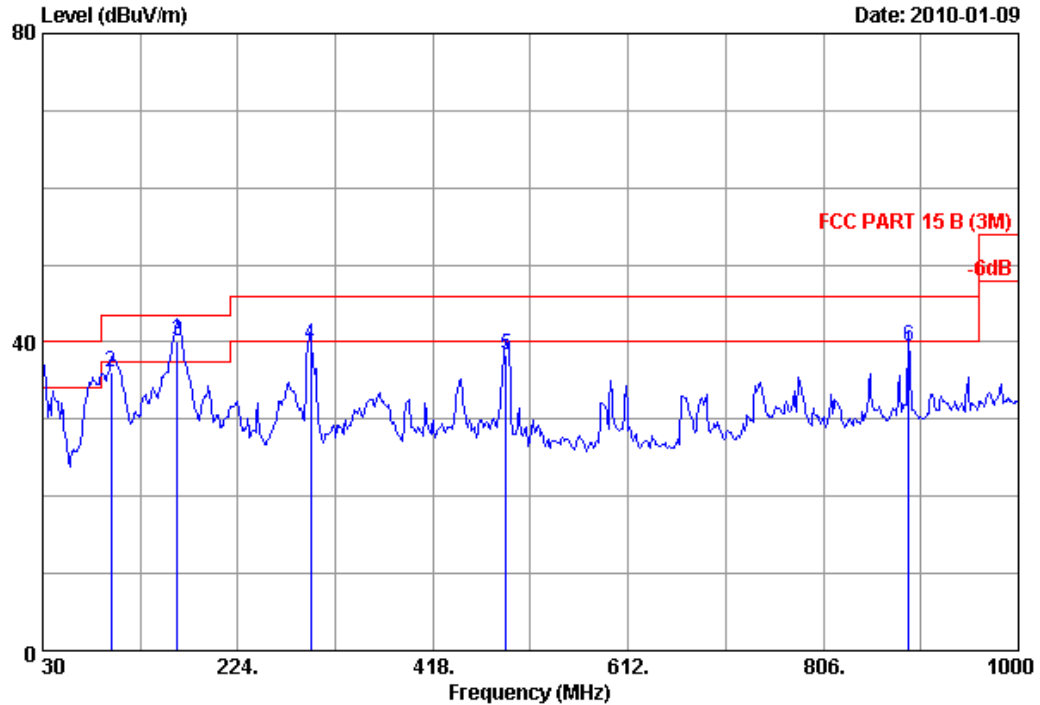
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 76.560 | 7.47 | 0.79 | 26.83 | 35.09 | 40.00 | 4.91 | QP |
| 2 | 164.830 | 10.70 | 1.15 | 28.01 | 39.86 | 43.50 | 3.64 | QP |
| 3 | 196.840 | 9.82 | 1.29 | 27.58 | 38.69 | 43.50 | 4.81 | QP |
| 4 | 295.780 | 13.70 | 1.72 | 25.42 | 40.84 | 46.00 | 5.16 | QP |
| 5 | 493.660 | 18.24 | 2.23 | 18.73 | 39.20 | 46.00 | 6.80 | QP |
| 6 | 891.360 | 22.89 | 3.17 | 15.51 | 41.57 | 46.00 | 4.43 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Data: 36 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)



Site no. : 3m chamber Data no. : 36
 Dis. / Ant. : 3m 2009 CBL6111C Ant. pol. : VERTICAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L40FHDF10
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI3:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|----------------|-------------------------|-----------------|-------------|--------|
| 1 | 30.000 | 20.00 | 0.52 | 14.94 | 35.46 | 40.00 | 4.54 | QP |
| 2 | 97.900 | 10.12 | 0.89 | 25.09 | 36.10 | 43.50 | 7.40 | QP |
| 3 | 163.860 | 10.78 | 1.15 | 28.07 | 40.00 | 43.50 | 3.50 | QP |
| 4 | 296.750 | 13.70 | 1.72 | 24.20 | 39.62 | 46.00 | 6.38 | QP |
| 5 | 490.750 | 18.21 | 2.22 | 17.85 | 38.28 | 46.00 | 7.72 | QP |
| 6 | 891.360 | 22.89 | 3.17 | 13.30 | 39.36 | 46.00 | 6.64 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

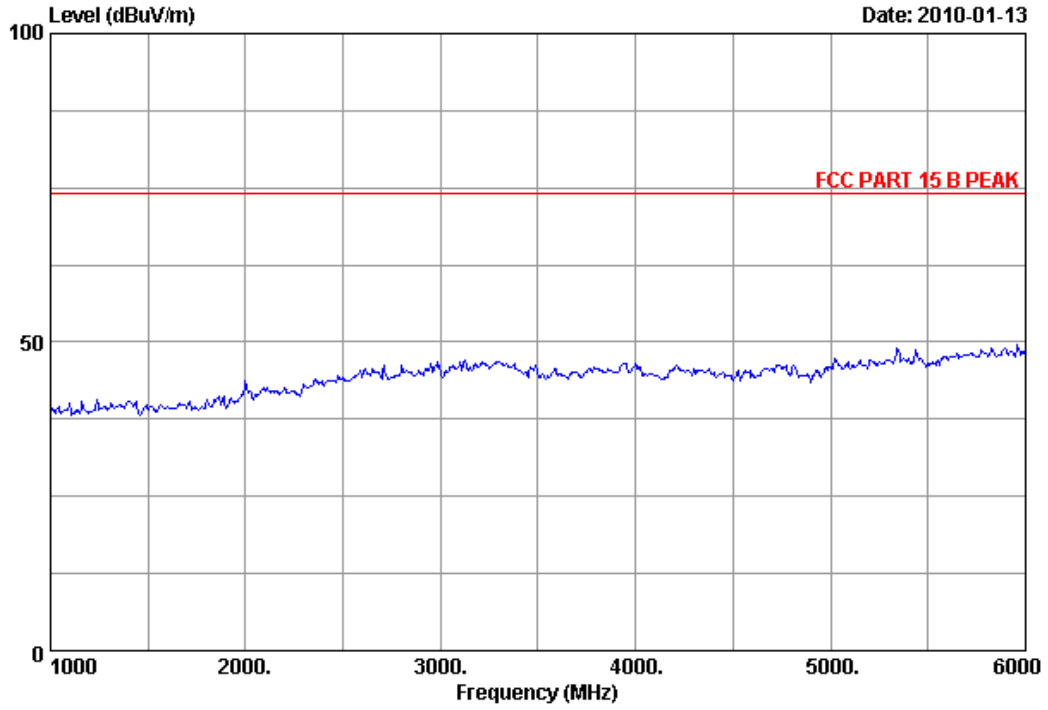


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Data: 73

File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



Site no. : 3m Chamber Data no. : 73
 Dis. / Ant. : 3m 2009 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B PEAK
 Env. / Ins. : 24°C/56% Engineer : Victory
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running "H" Pattern And Playing Music
 HDMI1:1080P

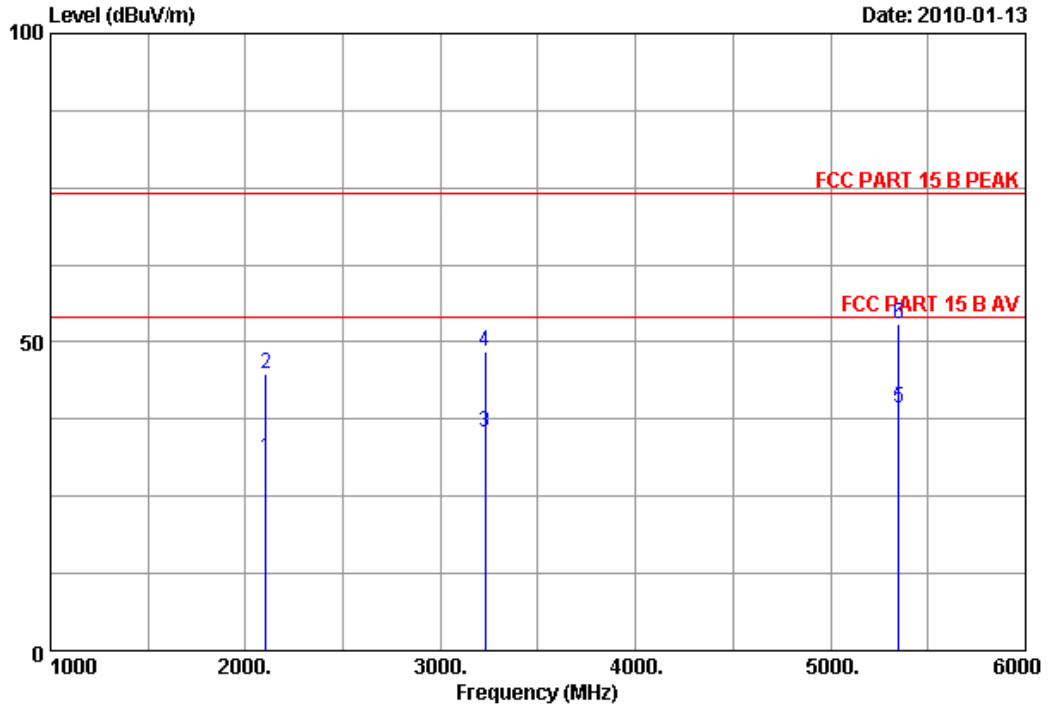


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Data: 75

File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



Site no. : 3m Chamber
Dis. / Ant. : 3m 2009 3115
Limit : FCC PART 15 B PEAK
Env. / Ins. : 24°C/56%
EUT : LCD TV M/N:L32FHDF11
Power Rating : AC 120V/60Hz
Test Mode : Running "H" Pattern And Playing Music
HDMI1:1080P

Data no. : 75
Ant. pol. : HORIZONTAL
Engineer : Victory

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 2106.000 | 26.92 | 5.78 | 33.79 | 32.31 | 31.22 | 54.00 | 22.78 | Average |
| 2 | 2106.000 | 26.92 | 5.78 | 33.79 | 45.85 | 44.76 | 74.00 | 29.24 | Peak |
| 3 | 3231.000 | 31.08 | 7.62 | 33.68 | 30.43 | 35.45 | 54.00 | 18.55 | Average |
| 4 | 3231.000 | 31.08 | 7.62 | 33.68 | 43.36 | 48.38 | 74.00 | 25.62 | Peak |
| 5 | 5348.000 | 35.16 | 9.73 | 34.08 | 28.60 | 39.41 | 54.00 | 14.59 | Average |
| 6 | 5348.000 | 35.16 | 9.73 | 34.08 | 42.15 | 52.96 | 74.00 | 21.04 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

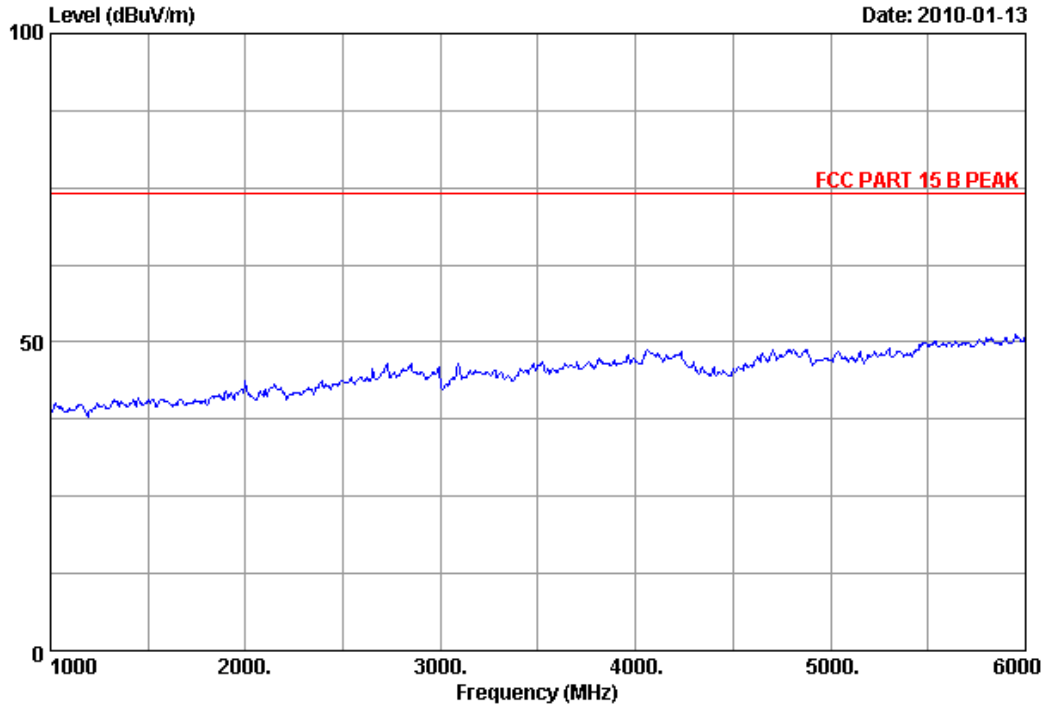


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Date: 2010-01-13



| | | | |
|--------------|---|-----------|------------|
| Site no. | : 3m Chamber | Data no. | : 74 |
| Dis. / Ant. | : 3m 2009 3115 | Ant. pol. | : VERTICAL |
| Limit | : FCC PART 15 B PEAK | | |
| Env. / Ins. | : 24°C/56% | Engineer | : Victory |
| EUT | : LCD TV M/N:L32FHDF11 | | |
| Power Rating | : AC 120V/60Hz | | |
| Test Mode | : Running "H" Pattern And Playing Music | | |
| | HDMI1:1080P | | |

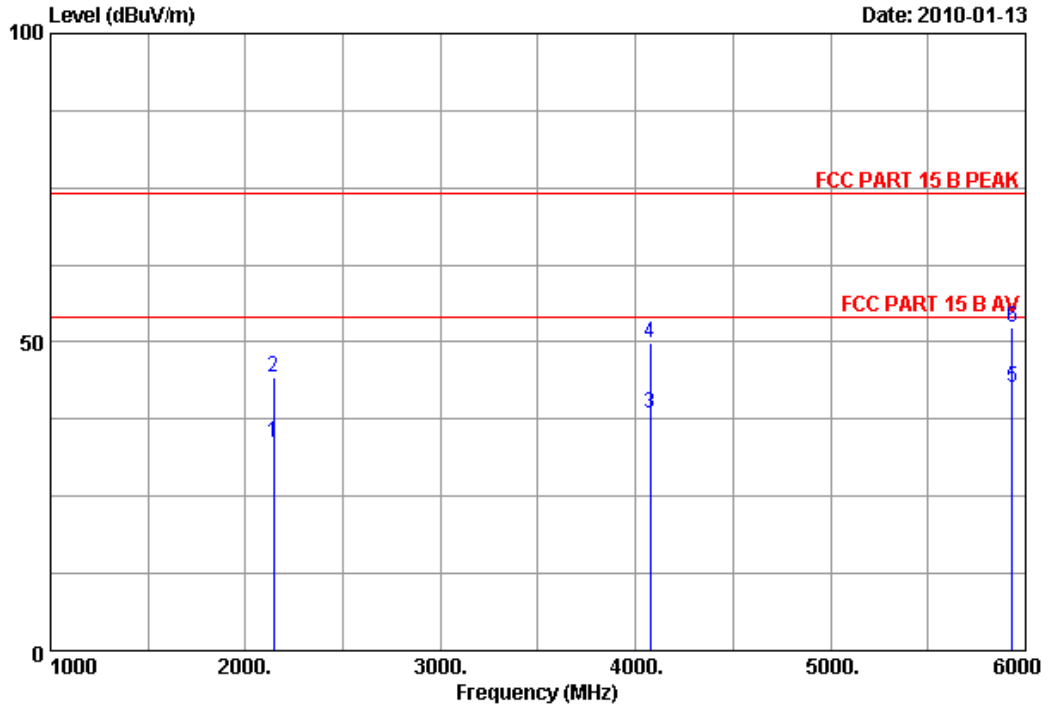


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Date: 2010-01-13



Site no. : 3m Chamber Data no. : 76
 Dis. / Ant. : 3m 2009 3115 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B PEAK
 Env. / Ins. : 24°C/56% Engineer : Victory
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running "H" Pattern And Playing Music
 HDMI1:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 2145.000 | 27.13 | 5.83 | 33.78 | 34.40 | 33.58 | 54.00 | 20.42 | Average |
| 2 | 2145.000 | 27.13 | 5.83 | 33.78 | 45.07 | 44.25 | 74.00 | 29.75 | Peak |
| 3 | 4075.000 | 33.30 | 8.69 | 33.63 | 30.12 | 38.48 | 54.00 | 15.52 | Average |
| 4 | 4075.000 | 33.30 | 8.69 | 33.63 | 41.46 | 49.82 | 74.00 | 24.18 | Peak |
| 5 | 5932.000 | 36.00 | 9.90 | 34.27 | 31.12 | 42.75 | 54.00 | 11.25 | Average |
| 6 | 5932.000 | 36.00 | 9.90 | 34.27 | 40.65 | 52.28 | 74.00 | 21.72 | Peak |

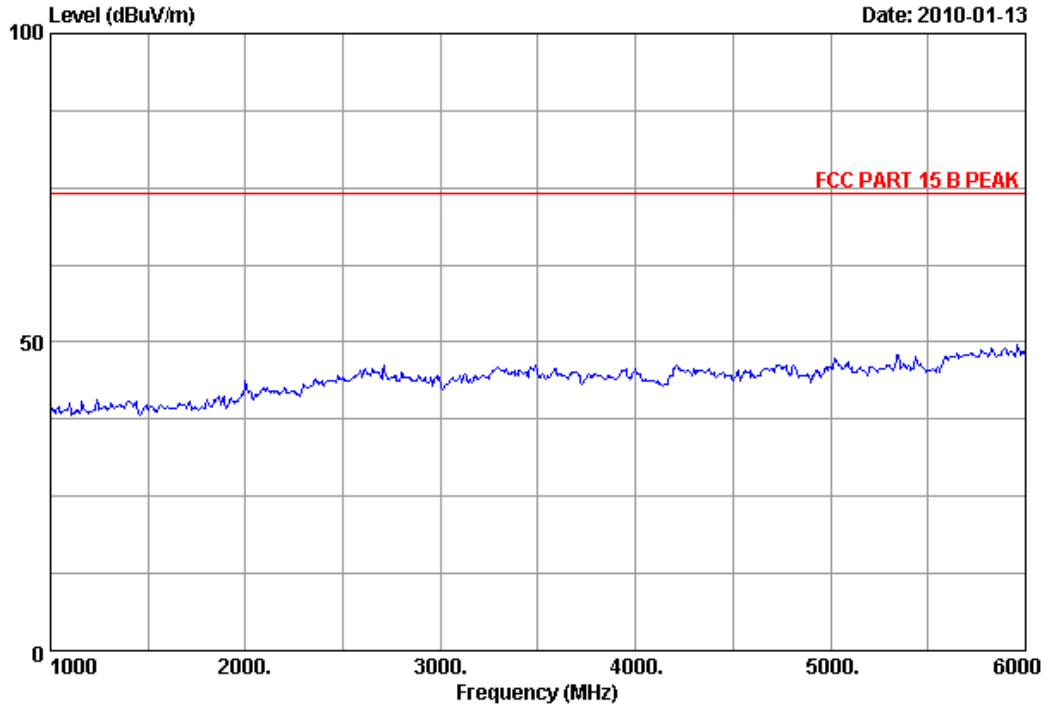
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor
 2. The emission levels that are 20dB below the official limit are not reported.



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| | | | |
|--------------|---|-----------|--------------|
| Site no. | : 3m Chamber | Data no. | : 77 |
| Dis. / Ant. | : 3m 2009 3115 | Ant. pol. | : HORIZONTAL |
| Limit | : FCC PART 15 B PEAK | | |
| Env. / Ins. | : 24°C/56% | Engineer | : Victory |
| EUT | : LCD TV M/N:L32FHDF11 | | |
| Power Rating | : AC 120V/60Hz | | |
| Test Mode | : Running "H" Pattern And Playing Music | | |
| | : HDMI2:1080P | | |

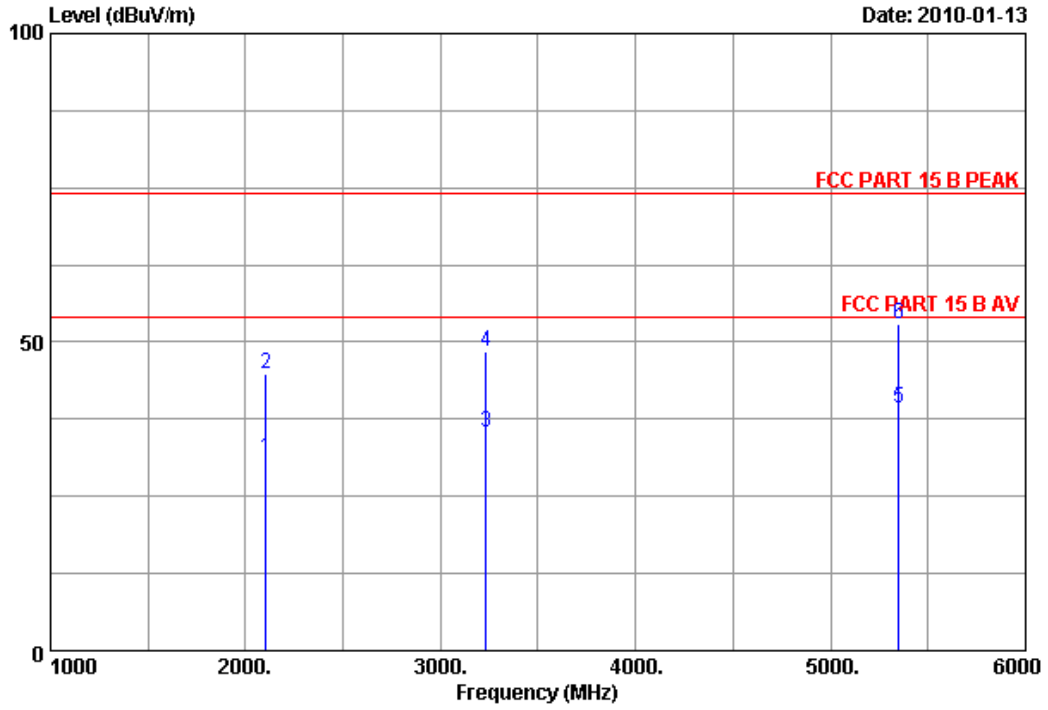


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File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



Site no. : 3m Chamber Data no. : 79
 Dis. / Ant. : 3m 2009 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B PEAK
 Env. / Ins. : 24°C/56% Engineer : Victory
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running "H" Pattern And Playing Music
 HDMI2:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 2103.000 | 26.92 | 5.75 | 33.79 | 32.34 | 31.22 | 54.00 | 22.78 | Average |
| 2 | 2103.000 | 26.92 | 5.75 | 33.79 | 45.88 | 44.76 | 74.00 | 29.24 | Peak |
| 3 | 3234.000 | 31.08 | 7.62 | 33.68 | 30.43 | 35.45 | 54.00 | 18.55 | Average |
| 4 | 3234.000 | 31.08 | 7.62 | 33.68 | 43.36 | 48.38 | 74.00 | 25.62 | Peak |
| 5 | 5350.000 | 35.16 | 9.73 | 34.08 | 28.60 | 39.41 | 54.00 | 14.59 | Average |
| 6 | 5350.000 | 35.16 | 9.73 | 34.08 | 42.15 | 52.96 | 74.00 | 21.04 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor
 2. The emission levels that are 20dB below the official limit are not reported.

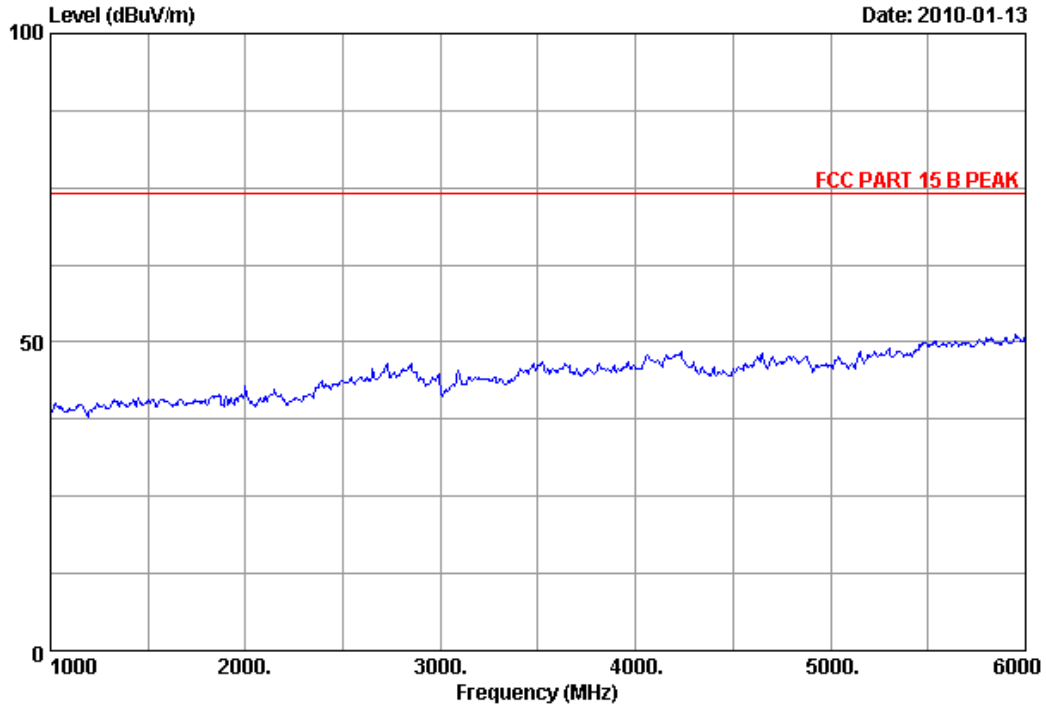


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Date: 2010-01-13



| | | | |
|--------------|---|-----------|------------|
| Site no. | : 3m Chamber | Data no. | : 78 |
| Dis. / Ant. | : 3m 2009 3115 | Ant. pol. | : VERTICAL |
| Limit | : FCC PART 15 B PEAK | | |
| Env. / Ins. | : 24°C/56% | Engineer | : Victory |
| EUT | : LCD TV M/N:L32FHDF11 | | |
| Power Rating | : AC 120V/60Hz | | |
| Test Mode | : Running "H" Pattern And Playing Music | | |
| | HDMI2:1080P | | |

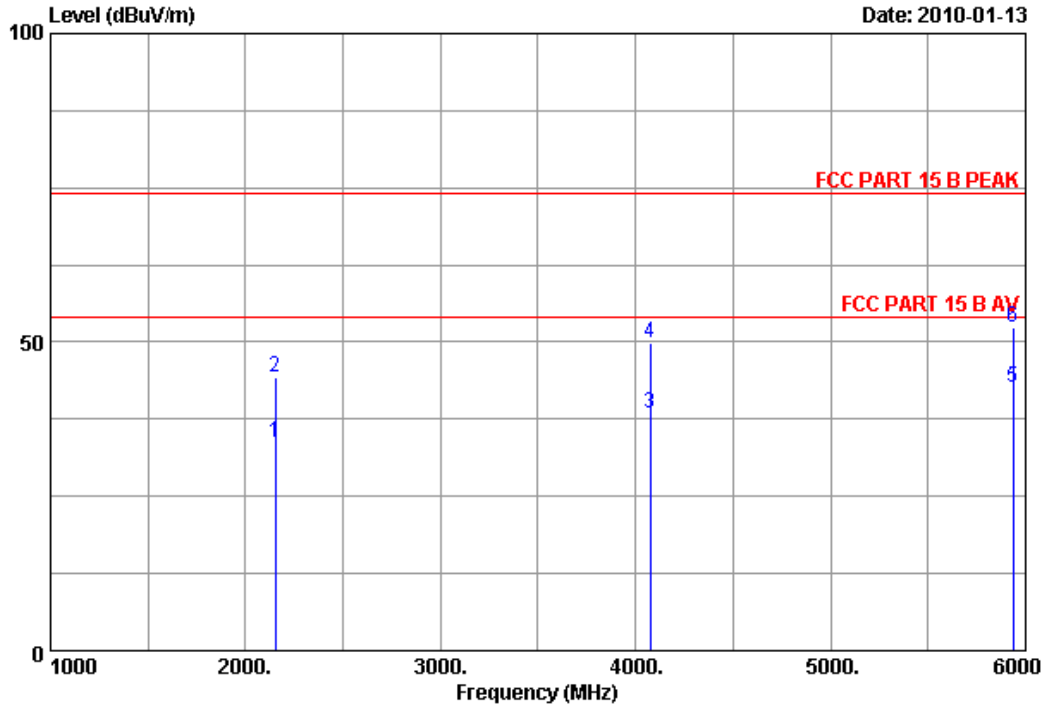


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Date: 2010-01-13



Site no. : 3m Chamber Data no. : 80
 Dis. / Ant. : 3m 2009 3115 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B PEAK
 Env. / Ins. : 24°C/56% Engineer : Victory
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running "H" Pattern And Playing Music
 HDMI2:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 2152.000 | 27.23 | 5.83 | 33.78 | 34.30 | 33.58 | 54.00 | 20.42 | Average |
| 2 | 2152.000 | 27.23 | 5.83 | 33.78 | 44.97 | 44.25 | 74.00 | 29.75 | Peak |
| 3 | 4076.000 | 33.30 | 8.69 | 33.63 | 30.12 | 38.48 | 54.00 | 15.52 | Average |
| 4 | 4076.000 | 33.30 | 8.69 | 33.63 | 41.46 | 49.82 | 74.00 | 24.18 | Peak |
| 5 | 5935.000 | 36.00 | 9.90 | 34.28 | 31.13 | 42.75 | 54.00 | 11.25 | Average |
| 6 | 5935.000 | 36.00 | 9.90 | 34.28 | 40.66 | 52.28 | 74.00 | 21.72 | Peak |

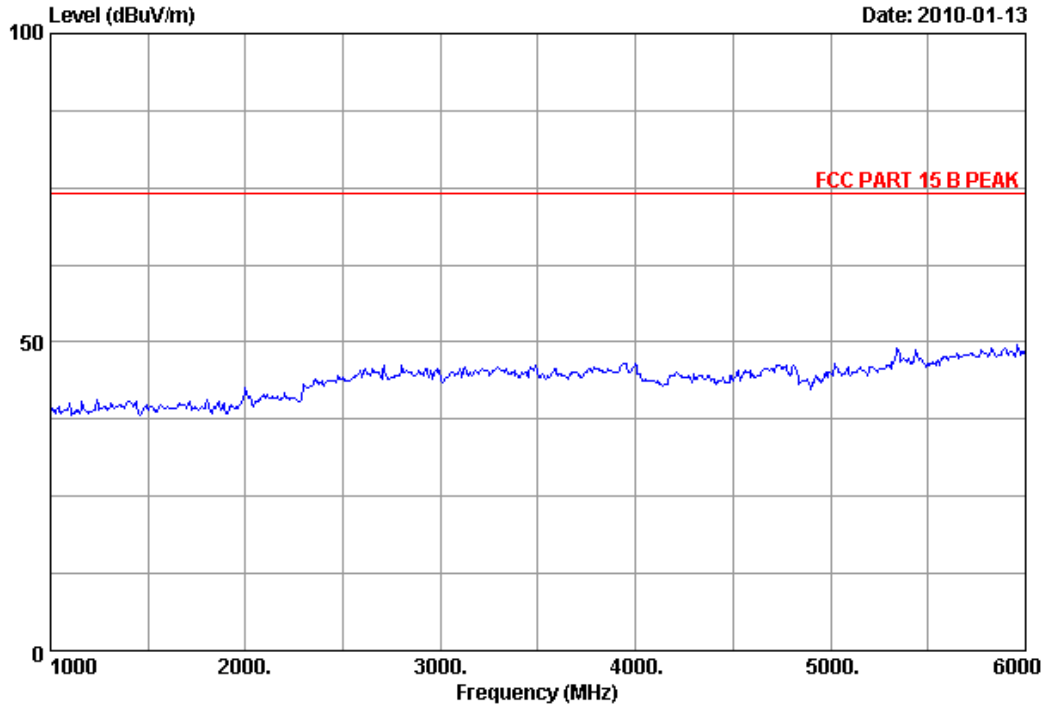
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor
 2. The emission levels that are 20dB below the official limit are not reported.



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Date: 2010-01-13



| | | | |
|--------------|---|-----------|--------------|
| Site no. | : 3m Chamber | Data no. | : 81 |
| Dis. / Ant. | : 3m 2009 3115 | Ant. pol. | : HORIZONTAL |
| Limit | : FCC PART 15 B PEAK | | |
| Env. / Ins. | : 24°C/56% | Engineer | : Victory |
| EUT | : LCD TV M/N:L32FHDF11 | | |
| Power Rating | : AC 120V/60Hz | | |
| Test Mode | : Running "H" Pattern And Playing Music | | |
| | : HDMI3:1080P | | |

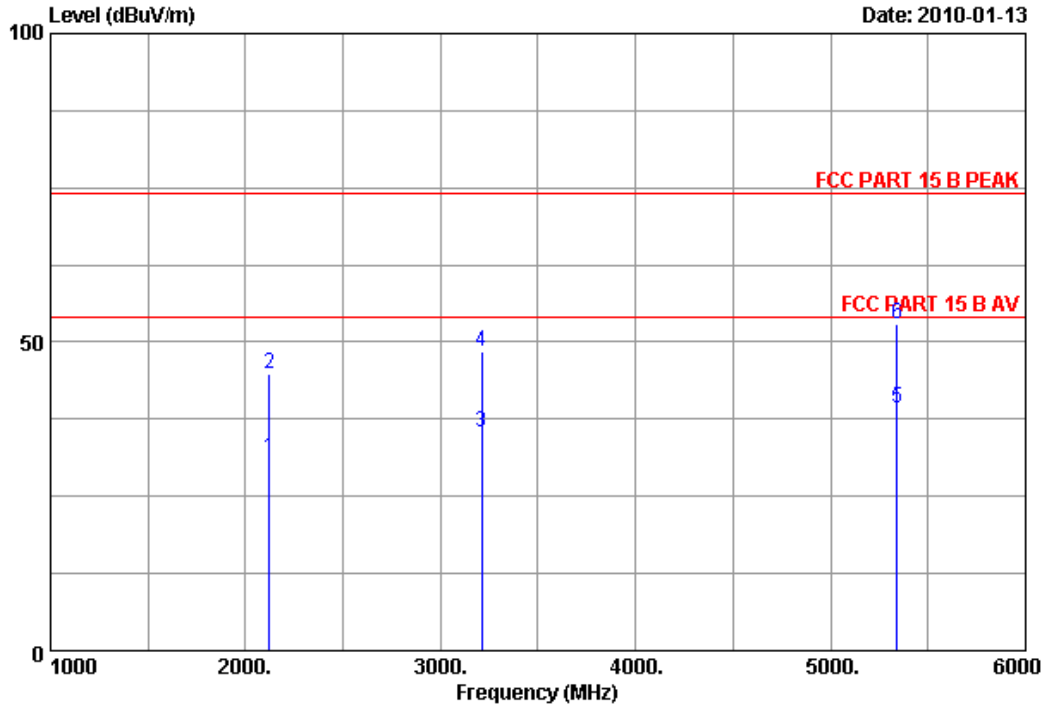


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Date: 2010-01-13



Site no. : 3m Chamber Data no. : 83
 Dis. / Ant. : 3m 2009 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B PEAK
 Env. / Ins. : 24°C/56% Engineer : Victory
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running "H" Pattern And Playing Music
 HDMI3:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 2121.000 | 27.02 | 5.78 | 33.79 | 32.21 | 31.22 | 54.00 | 22.78 | Average |
| 2 | 2121.000 | 27.02 | 5.78 | 33.79 | 45.75 | 44.76 | 74.00 | 29.24 | Peak |
| 3 | 3212.000 | 31.07 | 7.59 | 33.68 | 30.47 | 35.45 | 54.00 | 18.55 | Average |
| 4 | 3212.000 | 31.07 | 7.59 | 33.68 | 43.40 | 48.38 | 74.00 | 25.62 | Peak |
| 5 | 5341.000 | 35.13 | 9.74 | 34.07 | 28.61 | 39.41 | 54.00 | 14.59 | Average |
| 6 | 5341.000 | 35.13 | 9.74 | 34.07 | 42.16 | 52.96 | 74.00 | 21.04 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor
 2. The emission levels that are 20dB below the official limit are not reported.

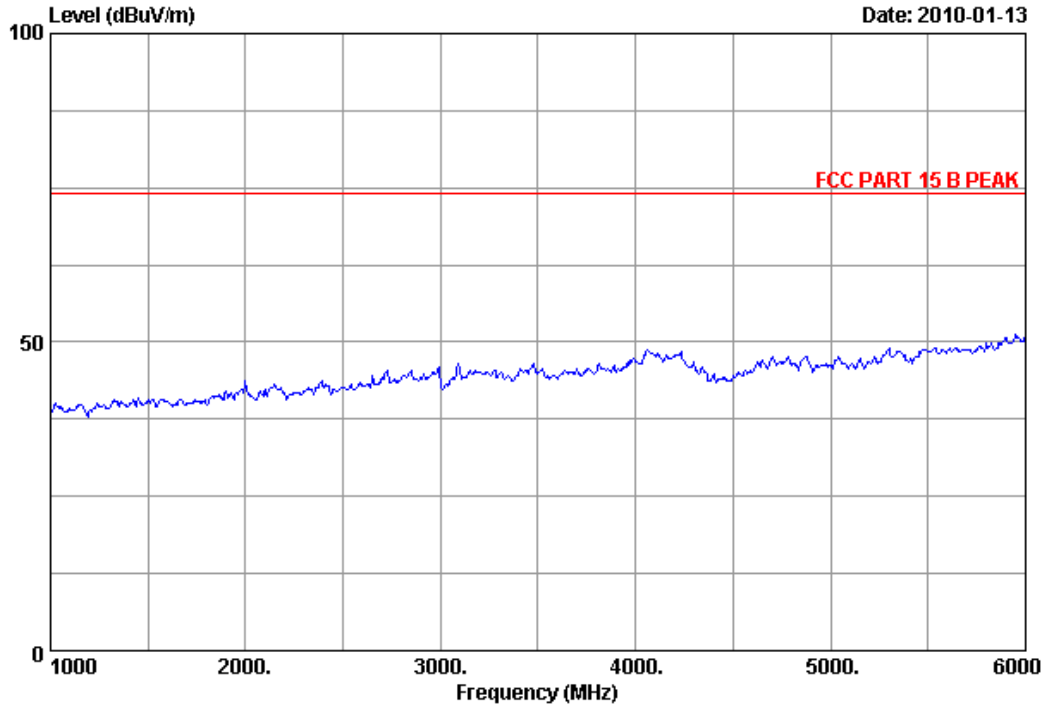


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| | | | |
|--------------|---|-----------|------------|
| Site no. | : 3m Chamber | Data no. | : 82 |
| Dis. / Ant. | : 3m 2009 3115 | Ant. pol. | : VERTICAL |
| Limit | : FCC PART 15 B PEAK | | |
| Env. / Ins. | : 24°C/56% | Engineer | : Victory |
| EUT | : LCD TV M/N:L32FHDF11 | | |
| Power Rating | : AC 120V/60Hz | | |
| Test Mode | : Running "H" Pattern And Playing Music | | |
| | : HDMI3:1080P | | |

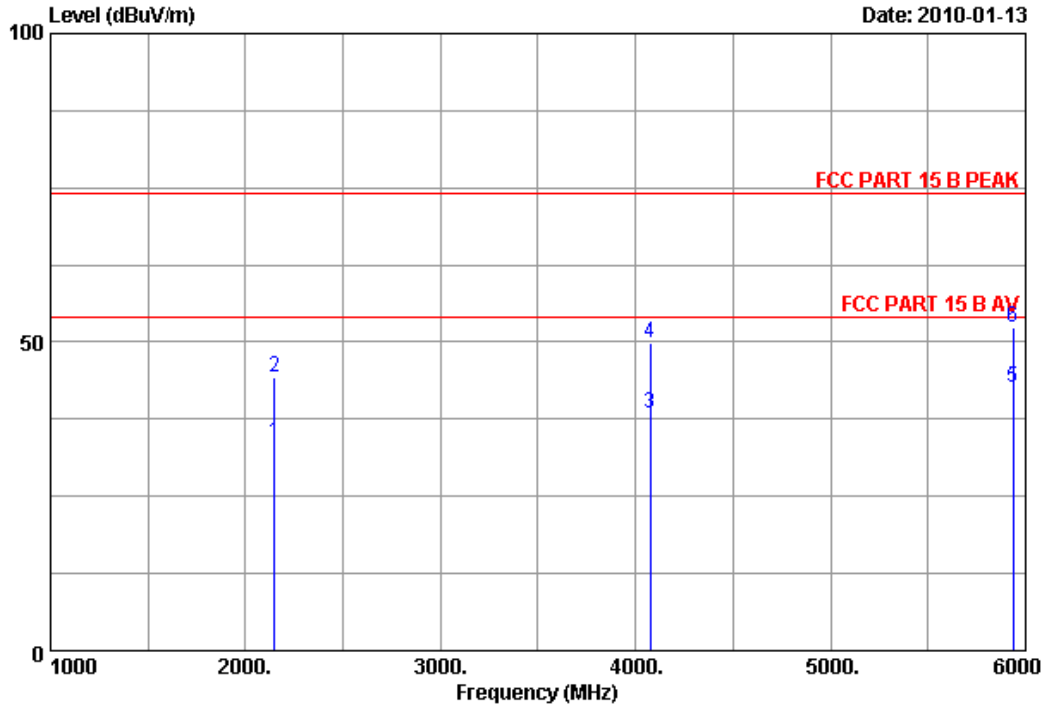


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Date: 2010-01-13



Site no. : 3m Chamber Data no. : 84
 Dis. / Ant. : 3m 2009 3115 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B PEAK
 Env. / Ins. : 24°C/56% Engineer : Victory
 EUT : LCD TV M/N:L32FHDF11
 Power Rating : AC 120V/60Hz
 Test Mode : Running "H" Pattern And Playing Music
 HDMI3:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 2147.000 | 27.13 | 5.83 | 33.78 | 34.40 | 33.58 | 54.00 | 20.42 | Average |
| 2 | 2147.000 | 27.13 | 5.83 | 33.78 | 45.07 | 44.25 | 74.00 | 29.75 | Peak |
| 3 | 4076.000 | 33.30 | 8.69 | 33.63 | 30.12 | 38.48 | 54.00 | 15.52 | Average |
| 4 | 4076.000 | 33.30 | 8.69 | 33.63 | 41.46 | 49.82 | 74.00 | 24.18 | Peak |
| 5 | 5934.000 | 36.00 | 9.90 | 34.27 | 31.12 | 42.75 | 54.00 | 11.25 | Average |
| 6 | 5934.000 | 36.00 | 9.90 | 34.27 | 40.65 | 52.28 | 74.00 | 21.72 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor
 2. The emission levels that are 20dB below the official limit are not reported.

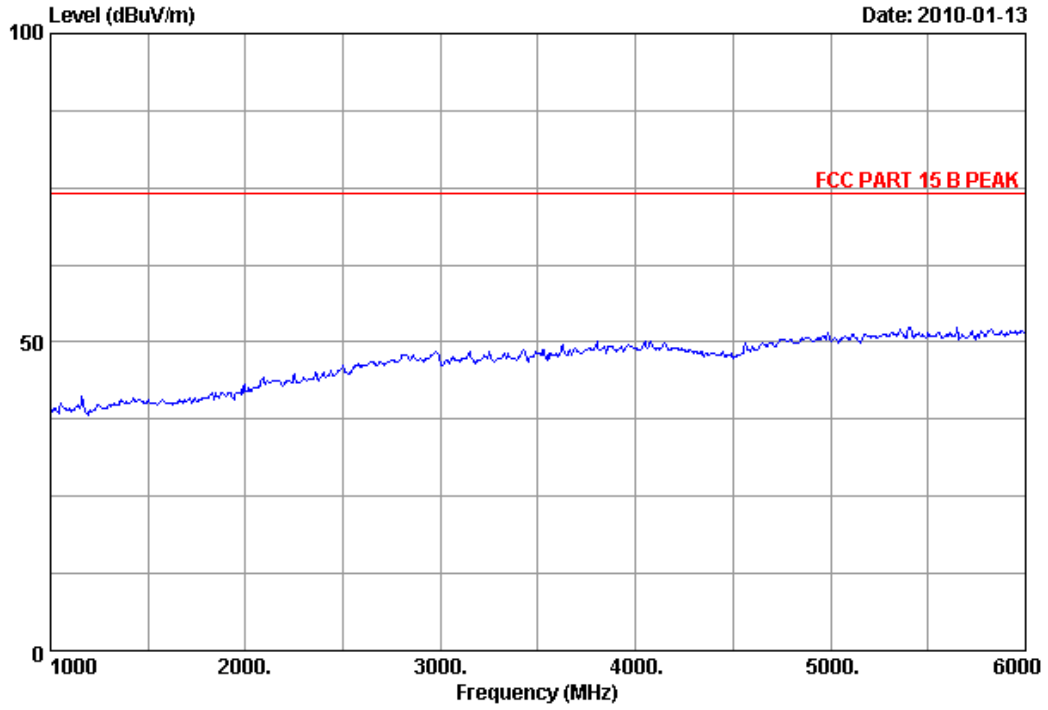


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File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



| | | | |
|--------------|---|-----------|--------------|
| Site no. | : 3m Chamber | Data no. | : 61 |
| Dis. / Ant. | : 3m 2009 3115 | Ant. pol. | : HORIZONTAL |
| Limit | : FCC PART 15 B PEAK | | |
| Env. / Ins. | : 24°C/56% | Engineer | : Cary Luo |
| EUT | : LCD TV M/N:L40FHDF10 | | |
| Power Rating | : AC 120V/60Hz | | |
| Test Mode | : Running 'H' Pattern And Playing Music | | |
| | : HDMI1:1080P | | |

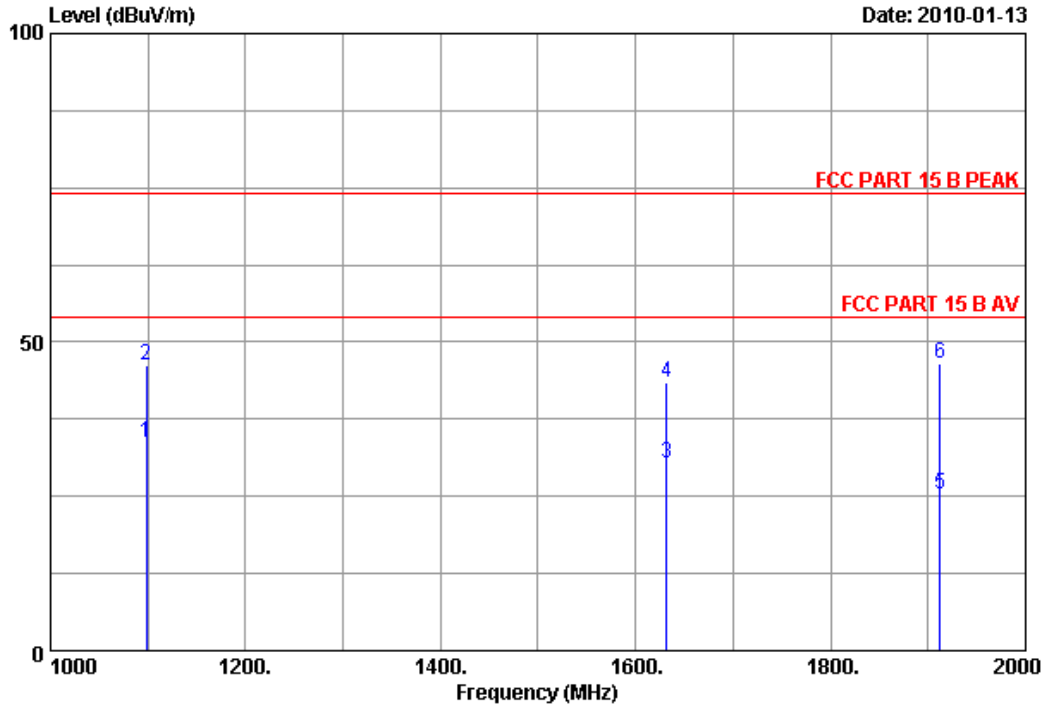


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File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



Site no. : 3m Chamber
Dis. / Ant. : 3m 2009 3115
Limit : FCC PART 15 B PEAK
Env. / Ins. : 24°C/56%
EUT : LCD TV M/N:L40FHDF10
Power Rating : AC 120V/60Hz
Test Mode : Running 'H' Pattern And Playing Music
HDMI1:1080P

Data no. : 63
Ant. pol. : HORIZONTAL
Engineer : Cary Luo

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 1098.000 | 25.36 | 3.62 | 34.88 | 39.60 | 33.70 | 54.00 | 20.30 | Average |
| 2 | 1098.000 | 25.36 | 3.62 | 34.88 | 52.10 | 46.20 | 74.00 | 27.80 | Peak |
| 3 | 1632.000 | 25.49 | 4.89 | 34.23 | 34.31 | 30.46 | 54.00 | 23.54 | Average |
| 4 | 1632.000 | 25.49 | 4.89 | 34.23 | 47.38 | 43.53 | 74.00 | 30.47 | Peak |
| 5 | 1912.000 | 26.12 | 5.45 | 33.89 | 27.59 | 25.27 | 54.00 | 28.73 | Average |
| 6 | 1912.000 | 26.12 | 5.45 | 33.89 | 48.82 | 46.50 | 74.00 | 27.50 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

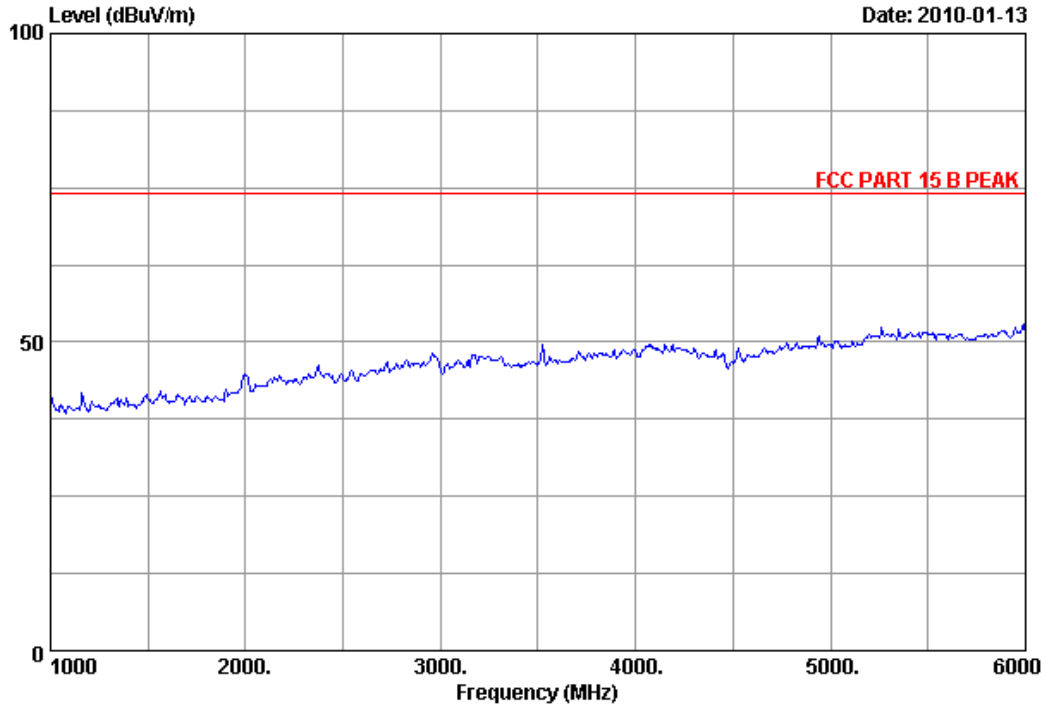


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Data: 62

File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



| | | | |
|--------------|---|-----------|------------|
| Site no. | : 3m Chamber | Data no. | : 62 |
| Dis. / Ant. | : 3m 2009 3115 | Ant. pol. | : VERTICAL |
| Limit | : FCC PART 15 B PEAK | | |
| Env. / Ins. | : 24°C/56% | Engineer | : Cary Luo |
| EUT | : LCD TV M/N:L40FHDF10 | | |
| Power Rating | : AC 120V/60Hz | | |
| Test Mode | : Running 'H' Pattern And Playing Music | | |
| | HDMI1:1080P | | |

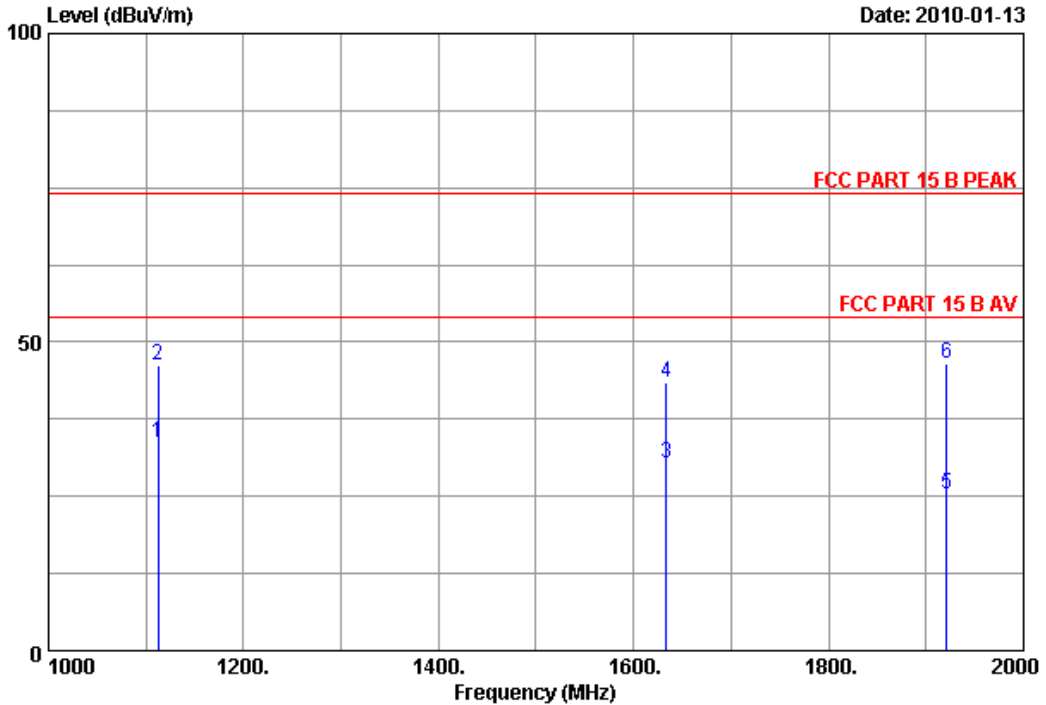


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Data: 64

File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



Site no. : 3m Chamber Data no. : 64
 Dis. / Ant. : 3m 2009 3115 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B PEAK
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L40FHDF10
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI1:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 1112.000 | 25.35 | 3.66 | 34.88 | 39.57 | 33.70 | 54.00 | 20.30 | Average |
| 2 | 1112.000 | 25.35 | 3.66 | 34.88 | 52.07 | 46.20 | 74.00 | 27.80 | Peak |
| 3 | 1634.000 | 25.49 | 4.89 | 34.23 | 34.31 | 30.46 | 54.00 | 23.54 | Average |
| 4 | 1634.000 | 25.49 | 4.89 | 34.23 | 47.38 | 43.53 | 74.00 | 30.47 | Peak |
| 5 | 1921.000 | 26.12 | 5.45 | 33.89 | 27.59 | 25.27 | 54.00 | 28.73 | Average |
| 6 | 1921.000 | 26.12 | 5.45 | 33.89 | 48.82 | 46.50 | 74.00 | 27.50 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor
 2. The emission levels that are 20dB below the official limit are not reported.

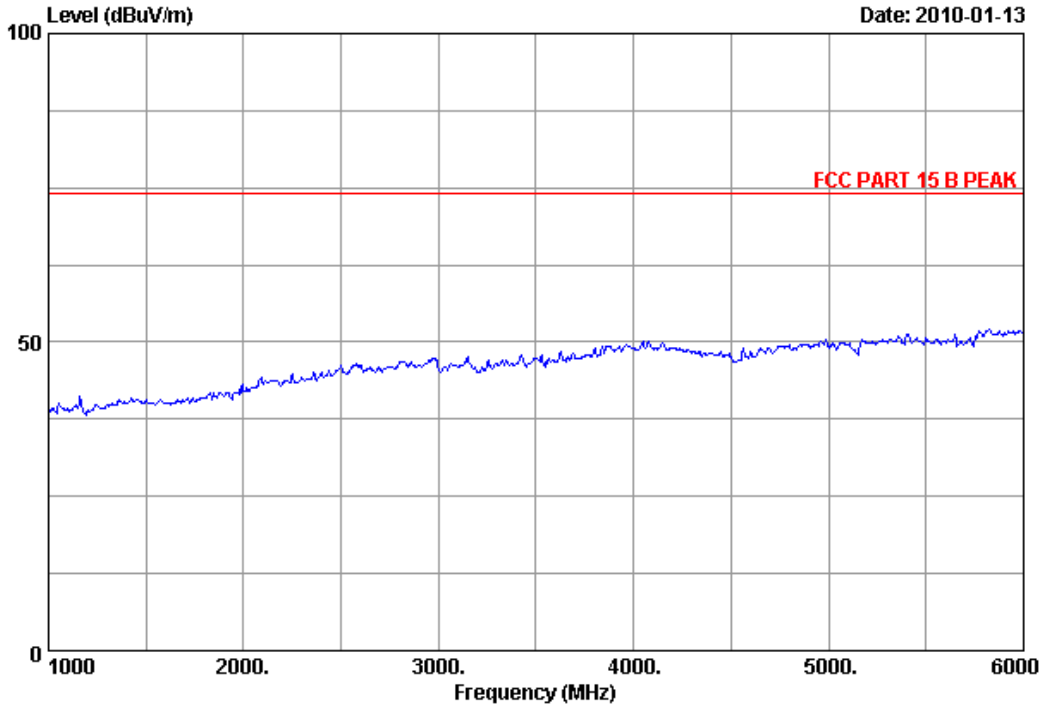


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Data: 65

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Date: 2010-01-13



| | | | |
|--------------|---|-----------|--------------|
| Site no. | : 3m Chamber | Data no. | : 65 |
| Dis. / Ant. | : 3m 2009 3115 | Ant. pol. | : HORIZONTAL |
| Limit | : FCC PART 15 B PEAK | | |
| Env. / Ins. | : 24°C/56% | Engineer | : Cary Luo |
| EUT | : LCD TV M/N:L40FHDF10 | | |
| Power Rating | : AC 120V/60Hz | | |
| Test Mode | : Running 'H' Pattern And Playing Music | | |
| | : HDMI2:1080P | | |

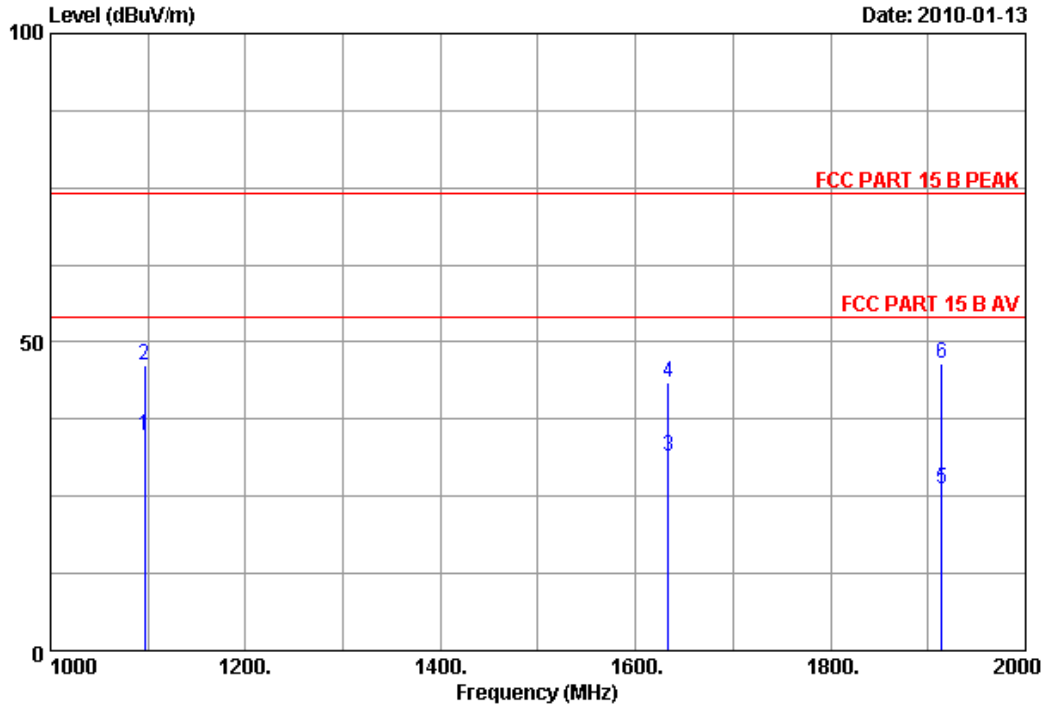


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Data: 67

File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



Site no. : 3m Chamber Data no. : 67
 Dis. / Ant. : 3m 2009 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B PEAK
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L40FHDF10
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI2:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 1097.000 | 25.36 | 3.62 | 34.88 | 40.60 | 34.70 | 54.00 | 19.30 | Average |
| 2 | 1097.000 | 25.36 | 3.62 | 34.88 | 52.10 | 46.20 | 74.00 | 27.80 | Peak |
| 3 | 1634.000 | 25.49 | 4.89 | 34.23 | 35.31 | 31.46 | 54.00 | 22.54 | Average |
| 4 | 1634.000 | 25.49 | 4.89 | 34.23 | 47.38 | 43.53 | 74.00 | 30.47 | Peak |
| 5 | 1914.000 | 26.12 | 5.45 | 33.89 | 28.59 | 26.27 | 54.00 | 27.73 | Average |
| 6 | 1914.000 | 26.12 | 5.45 | 33.89 | 48.82 | 46.50 | 74.00 | 27.50 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor
 2. The emission levels that are 20dB below the official limit are not reported.

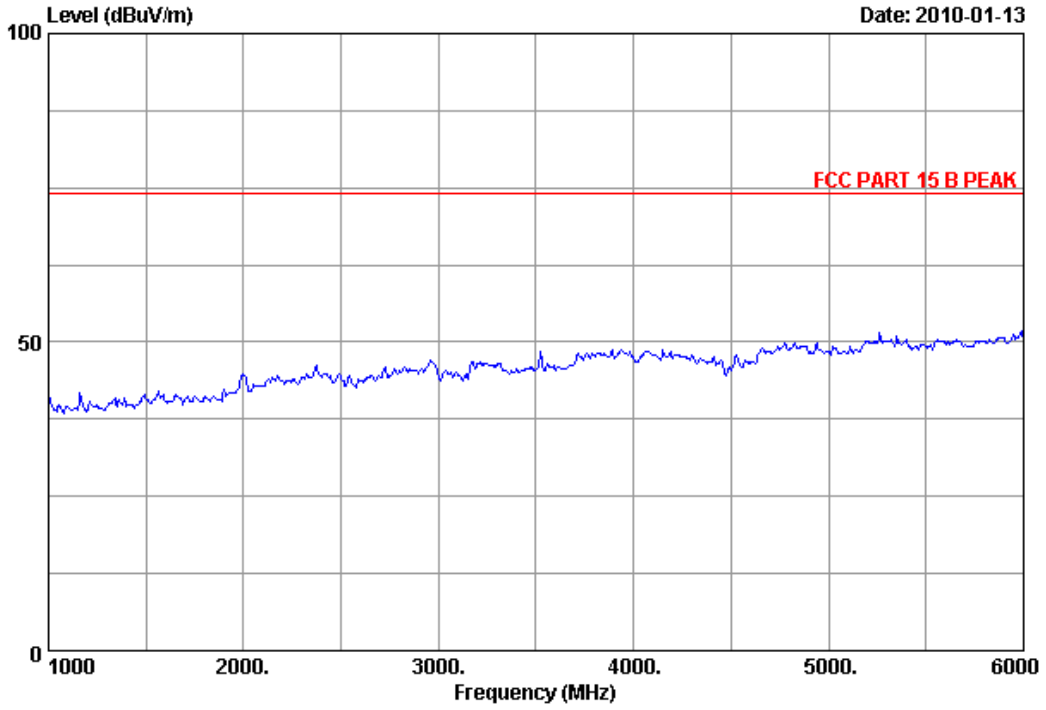


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Data: 66

File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



| | | | |
|--------------|---|-----------|------------|
| Site no. | : 3m Chamber | Data no. | : 66 |
| Dis. / Ant. | : 3m 2009 3115 | Ant. pol. | : VERTICAL |
| Limit | : FCC PART 15 B PEAK | | |
| Env. / Ins. | : 24°C/56% | Engineer | : Cary Luo |
| EUT | : LCD TV M/N:L40FHDF10 | | |
| Power Rating | : AC 120V/60Hz | | |
| Test Mode | : Running 'H' Pattern And Playing Music | | |
| | : HDMI2:1080P | | |

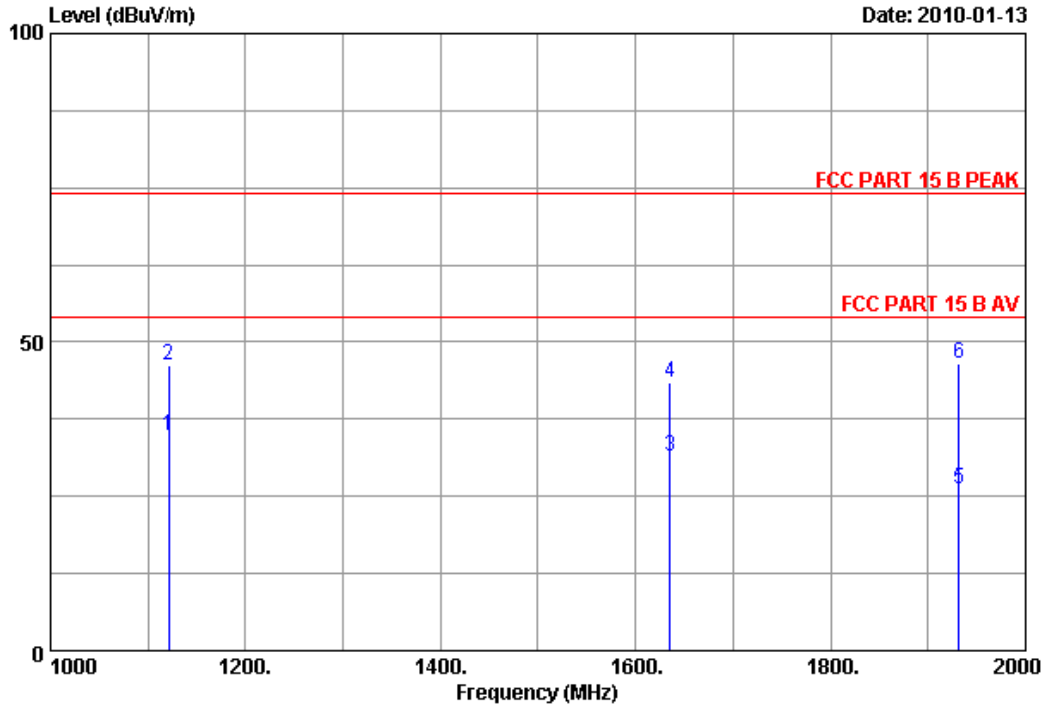


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Postcode:518057

Data: 68

File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



Site no. : 3m Chamber Data no. : 68
 Dis. / Ant. : 3m 2009 3115 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B PEAK
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L40FHDF10
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI2:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 1121.000 | 25.35 | 3.71 | 34.85 | 40.49 | 34.70 | 54.00 | 19.30 | Average |
| 2 | 1121.000 | 25.35 | 3.71 | 34.85 | 51.99 | 46.20 | 74.00 | 27.80 | Peak |
| 3 | 1635.000 | 25.49 | 4.89 | 34.23 | 35.31 | 31.46 | 54.00 | 22.54 | Average |
| 4 | 1635.000 | 25.49 | 4.89 | 34.23 | 47.38 | 43.53 | 74.00 | 30.47 | Peak |
| 5 | 1932.000 | 26.15 | 5.48 | 33.86 | 28.50 | 26.27 | 54.00 | 27.73 | Average |
| 6 | 1932.000 | 26.15 | 5.48 | 33.86 | 48.73 | 46.50 | 74.00 | 27.50 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
 2. The emission levels that are 20dB below the official limit are not reported.

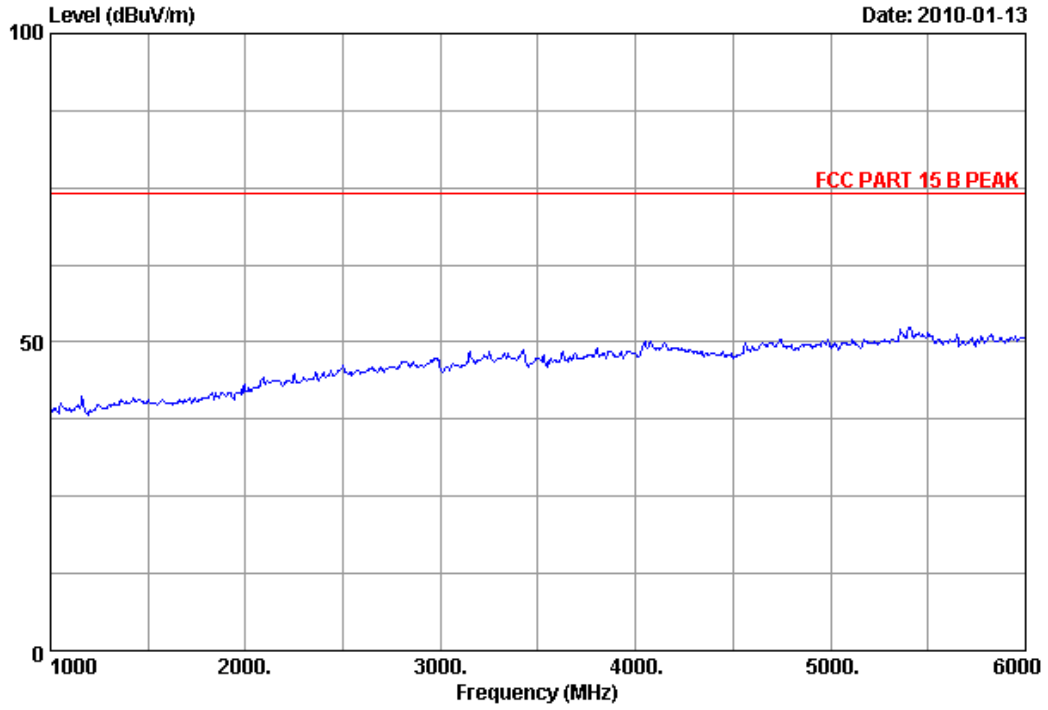


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Data: 69

File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



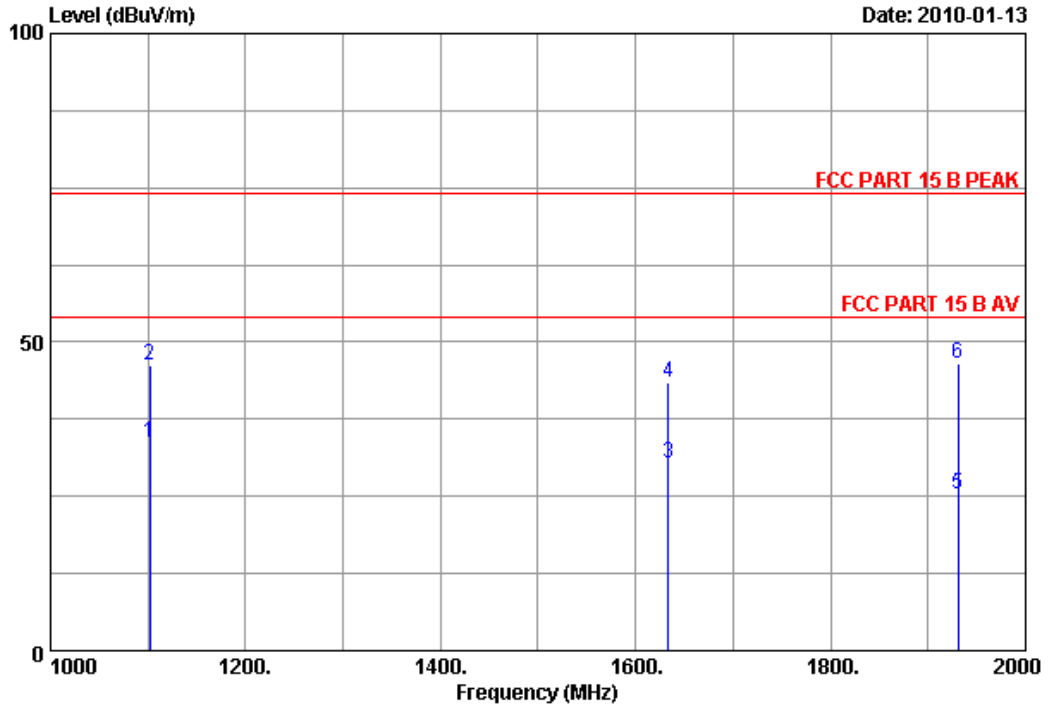
| | | | |
|--------------|---|-----------|--------------|
| Site no. | : 3m Chamber | Data no. | : 69 |
| Dis. / Ant. | : 3m 2009 3115 | Ant. pol. | : HORIZONTAL |
| Limit | : FCC PART 15 B PEAK | | |
| Env. / Ins. | : 24°C/56% | Engineer | : Cary Luo |
| EUT | : LCD TV M/N:L40FHDF10 | | |
| Power Rating | : AC 120V/60Hz | | |
| Test Mode | : Running 'H' Pattern And Playing Music | | |
| | : HDMI3:1080P | | |



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Postcode:518057

Data: 71 File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



Site no. : 3m Chamber Data no. : 71
 Dis. / Ant. : 3m 2009 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B PEAK
 Env. / Ins. : 24°C/56% Engineer : Cary Luo
 EUT : LCD TV M/N:L40FHDF10
 Power Rating : AC 120V/60Hz
 Test Mode : Running 'H' Pattern And Playing Music
 HDMI3:1080P

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 1102.000 | 25.36 | 3.66 | 34.88 | 39.56 | 33.70 | 54.00 | 20.30 | Average |
| 2 | 1102.000 | 25.36 | 3.66 | 34.88 | 52.06 | 46.20 | 74.00 | 27.80 | Peak |
| 3 | 1634.000 | 25.49 | 4.89 | 34.23 | 34.31 | 30.46 | 54.00 | 23.54 | Average |
| 4 | 1634.000 | 25.49 | 4.89 | 34.23 | 47.38 | 43.53 | 74.00 | 30.47 | Peak |
| 5 | 1931.000 | 26.15 | 5.48 | 33.86 | 27.50 | 25.27 | 54.00 | 28.73 | Average |
| 6 | 1931.000 | 26.15 | 5.48 | 33.86 | 48.73 | 46.50 | 74.00 | 27.50 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor
 2. The emission levels that are 20dB below the official limit are not reported.

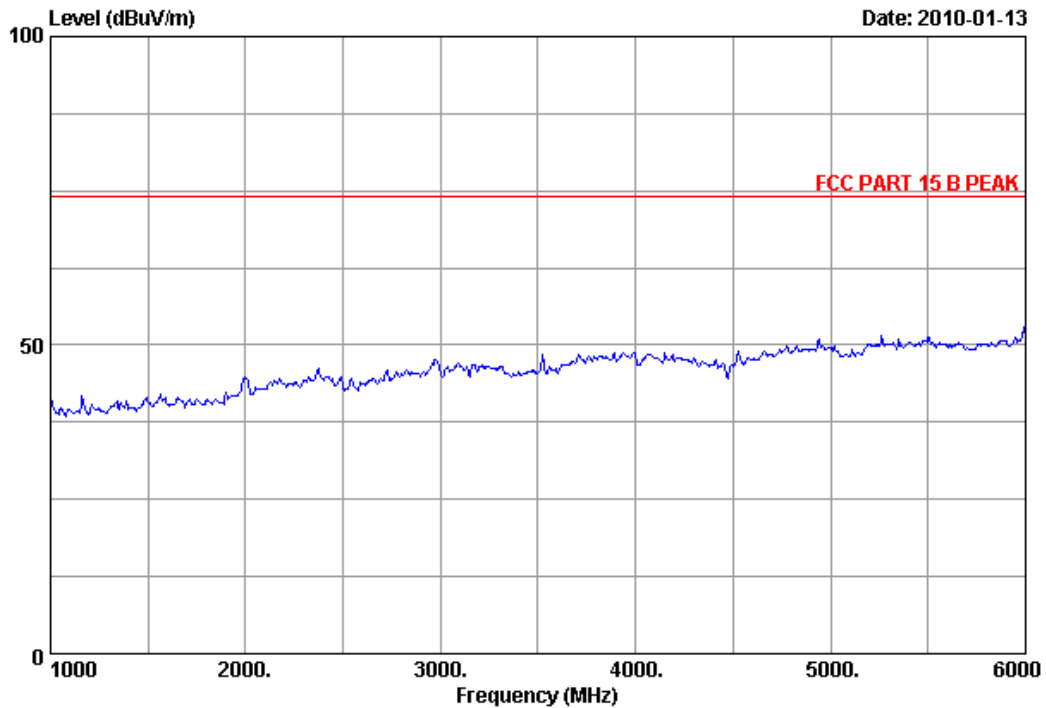


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Data: 70

File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



| | | | |
|--------------|---|-----------|------------|
| Site no. | : 3m Chamber | Data no. | : 70 |
| Dis. / Ant. | : 3m 2009 3115 | Ant. pol. | : VERTICAL |
| Limit | : FCC PART 15 B PEAK | | |
| Env. / Ins. | : 24°C/56% | Engineer | : Cary Luo |
| EUT | : LCD TV M/N:L40FHDF10 | | |
| Power Rating | : AC 120V/60Hz | | |
| Test Mode | : Running 'H' Pattern And Playing Music | | |
| | HDMI3:1080P | | |

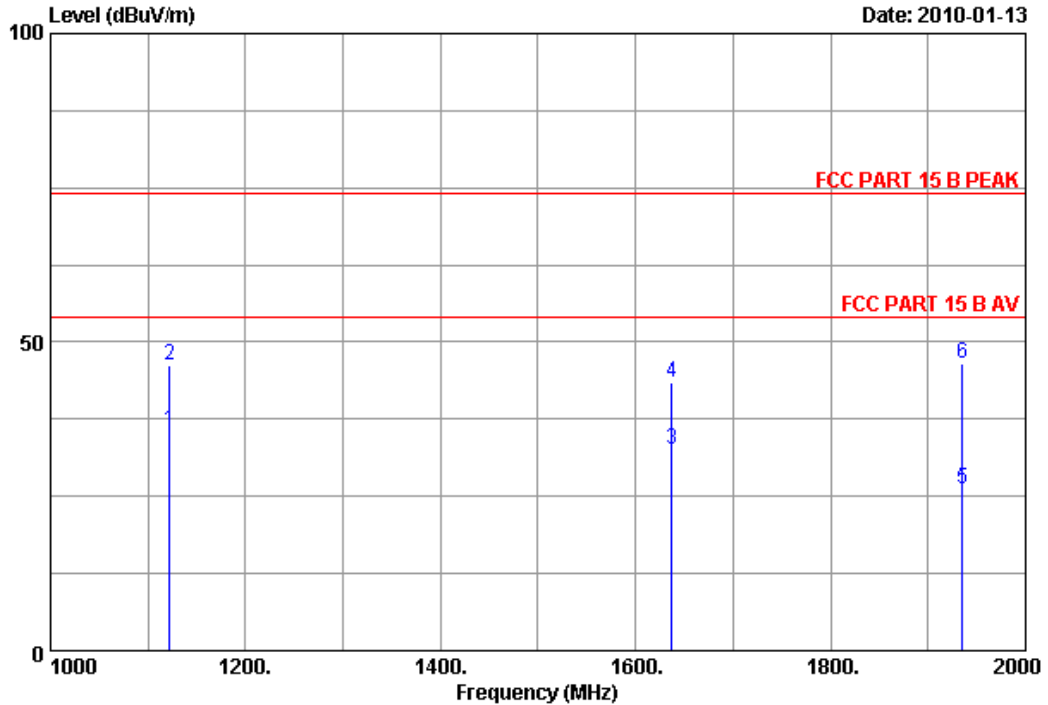


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Data: 72

File: D:\2009 Report Data\TCL\ACS9Q2081R2.EM6 (84)

Date: 2010-01-13



Site no. : 3m Chamber
Dis. / Ant. : 3m 2009 3115
Limit : FCC PART 15 B PEAK
Env. / Ins. : 24°C/56%
EUT : LCD TV M/N:L40FHDF10
Power Rating : AC 120V/60Hz
Test Mode : Running 'H' Pattern And Playing Music
HDMI3:1080P

Data no. : 72
Ant. pol. : VERTICAL
Engineer : Cary Luo

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | AMP factor (dBuV) | Reading (dBuV/m) | Emission Level (dBuV/m) | Limits (dB) | Margin (dB) | Remark |
|-----|-------------|--------------------|-----------------|-------------------|------------------|-------------------------|-------------|-------------|---------|
| 1 | 1122.000 | 25.35 | 3.71 | 34.85 | 41.49 | 35.70 | 54.00 | 18.30 | Average |
| 2 | 1122.000 | 25.35 | 3.71 | 34.85 | 51.99 | 46.20 | 74.00 | 27.80 | Peak |
| 3 | 1637.000 | 25.49 | 4.89 | 34.23 | 36.31 | 32.46 | 54.00 | 21.54 | Average |
| 4 | 1637.000 | 25.49 | 4.89 | 34.23 | 47.38 | 43.53 | 74.00 | 30.47 | Peak |
| 5 | 1935.000 | 26.15 | 5.48 | 33.86 | 28.50 | 26.27 | 54.00 | 27.73 | Average |
| 6 | 1935.000 | 26.15 | 5.48 | 33.86 | 48.73 | 46.50 | 74.00 | 27.50 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

5. DEVIATION TO TEST SPECIFICATIONS

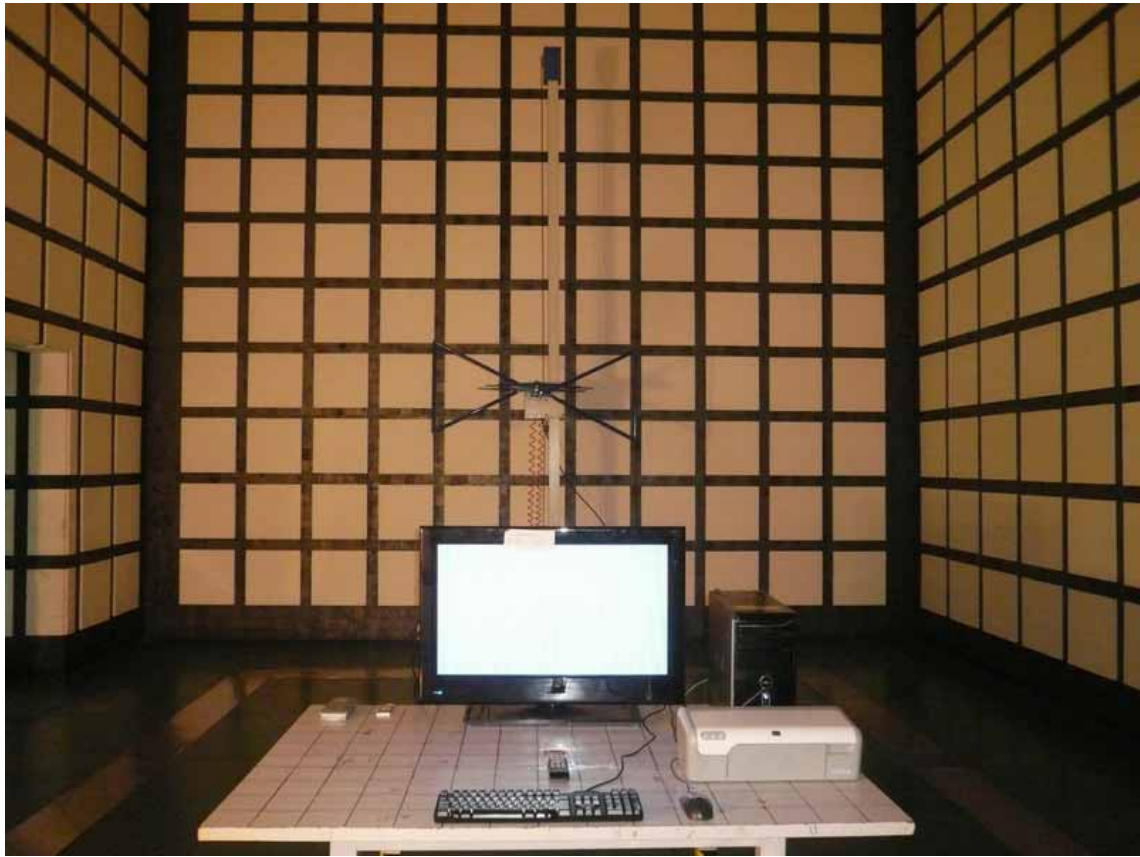
[NONE]

6. PHOTOGRAPH

6.1.Photos of Power Line Conducted Emission Test



6.2.Photos of Radiated Emission Test (In Anechoic Chamber)



1GHz~6GHz



7. PHOTOS OF THE EUT

M/N: L32FHDF11

Figure 1

General Appearance of the EUT



Figure 2

General Appearance of the EUT



Figure 3
General Appearance of the EUT



Figure 4
General Appearance of the EUT



Figure 5
Inside of the EUT



Figure 6
Inside of the EUT



Figure 7
Inside of the EUT

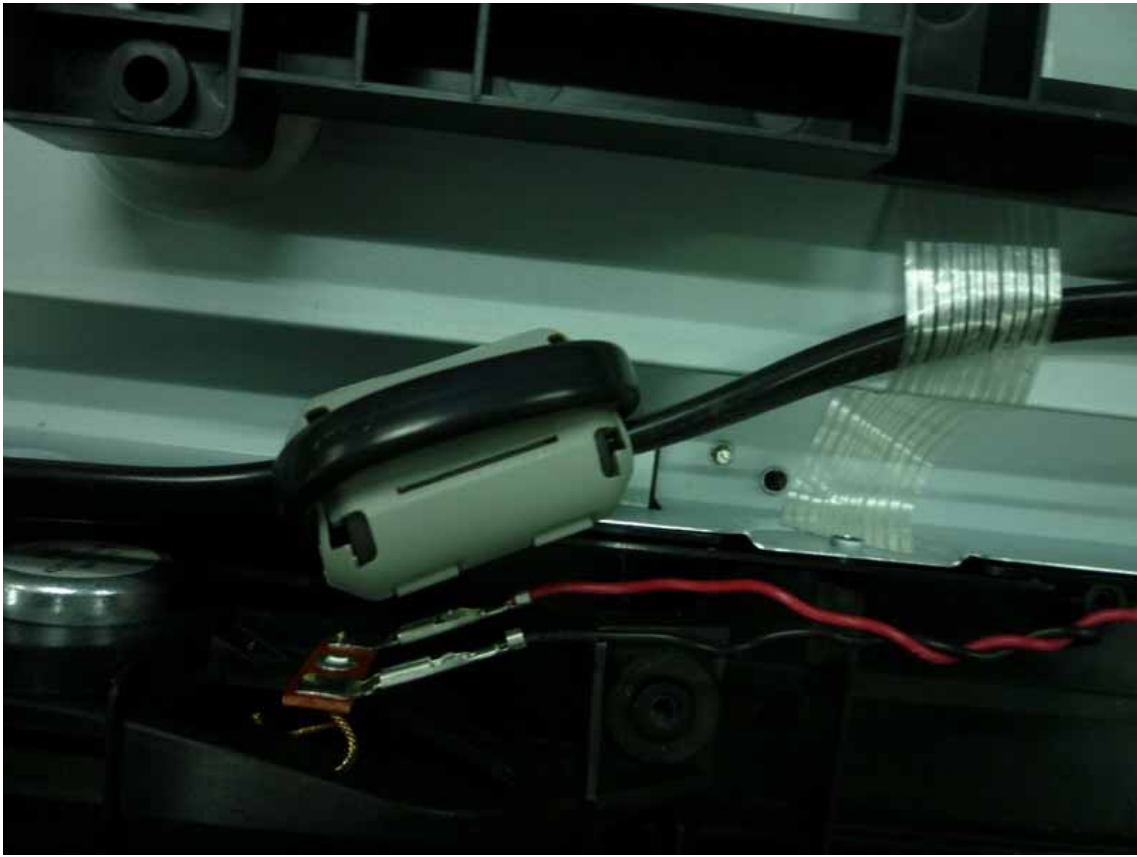


Figure 8
Inside of the EUT



Figure 9
Inside of the EUT



Figure 10
Inside of the EUT



Figure 11
Speaker of the EUT



Figure 12
Speaker of the EUT



Figure 13
Component Side of the PCB



Figure 14
Component Side of the PCB

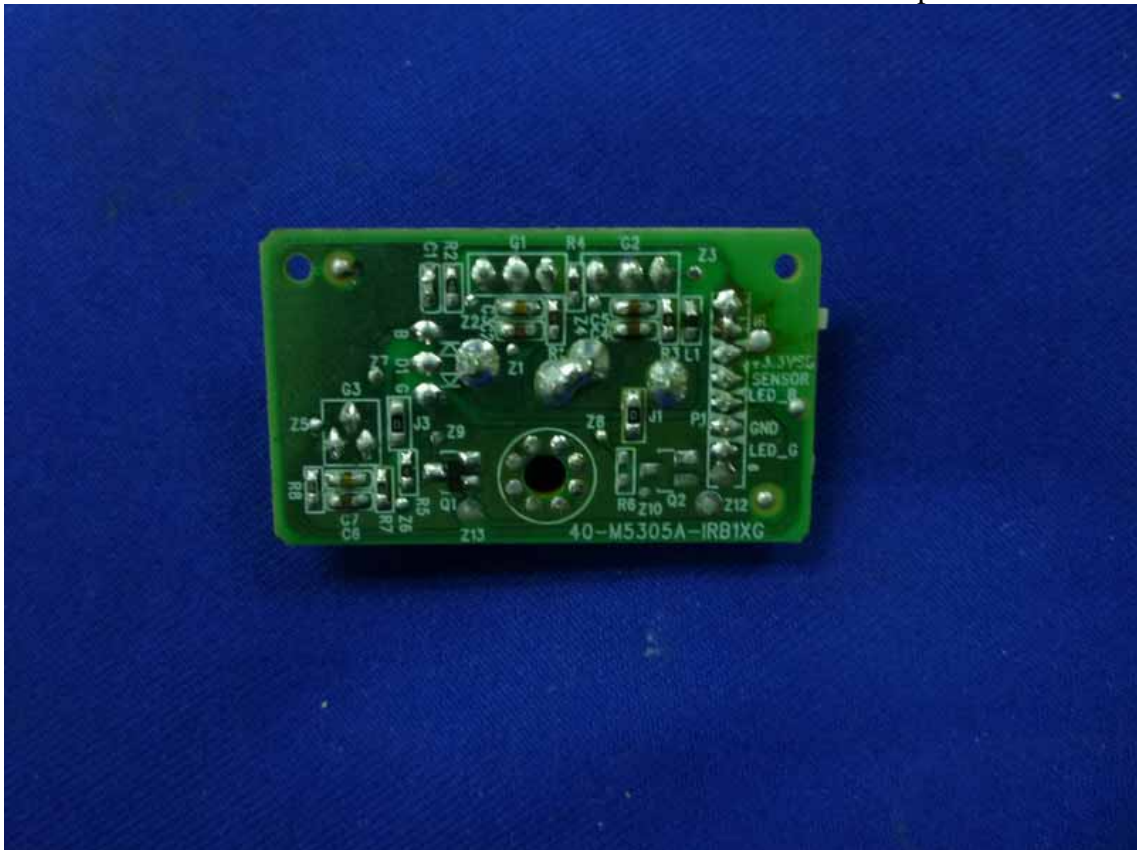


Figure 15
Component Side of the PCB

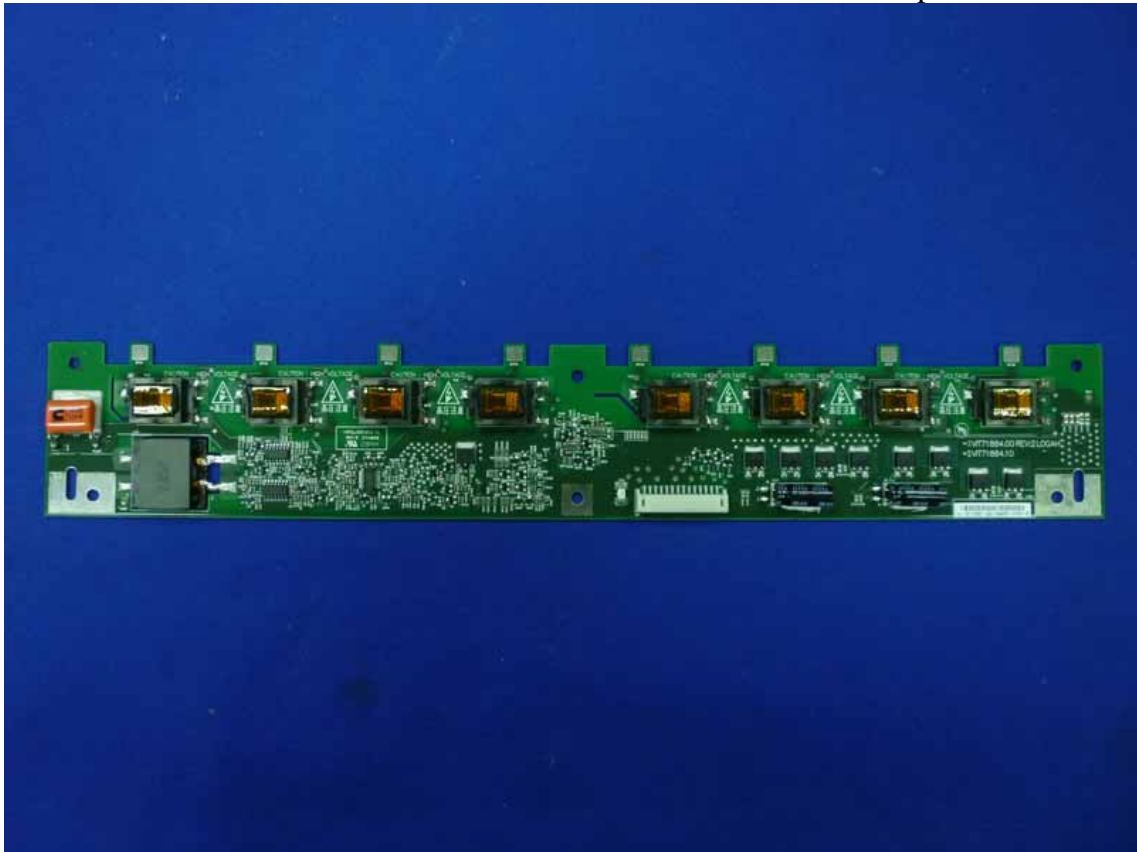


Figure 16
Component Side of the PCB



Figure 17
Component Side of the PCB

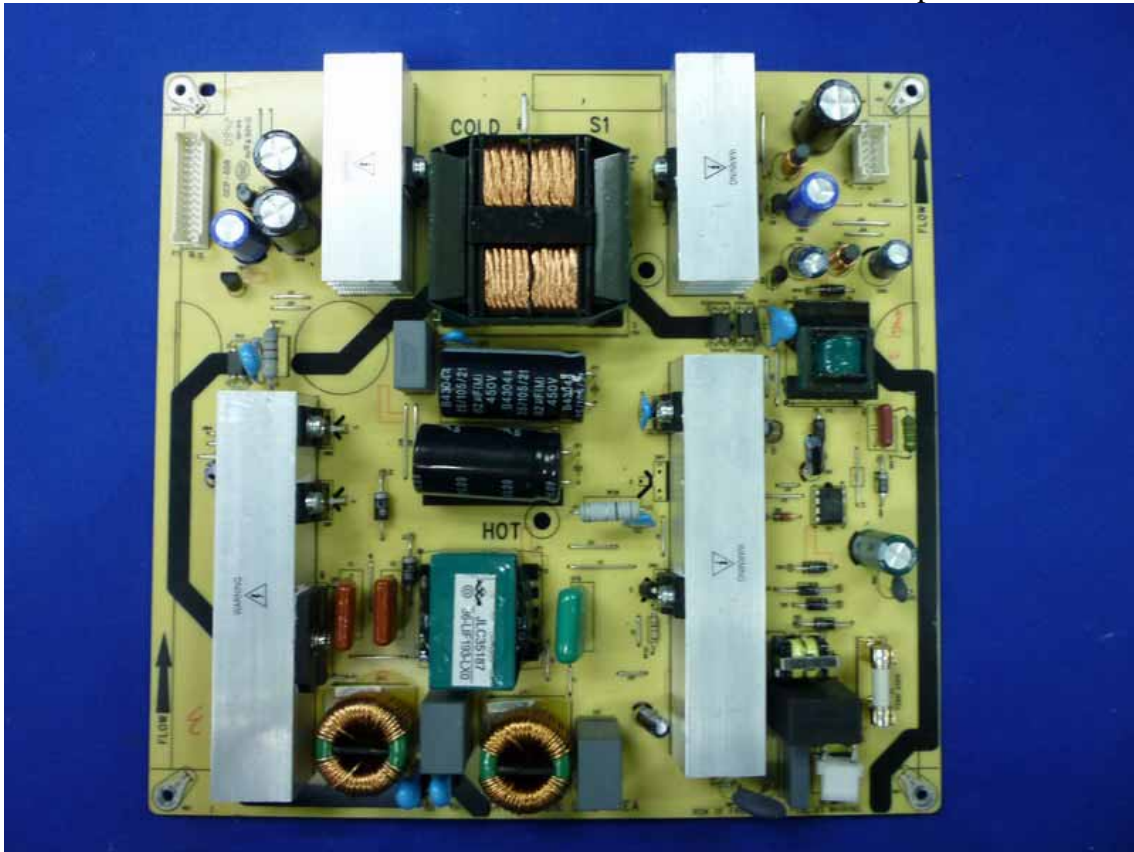


Figure 18
Component Side of the PCB

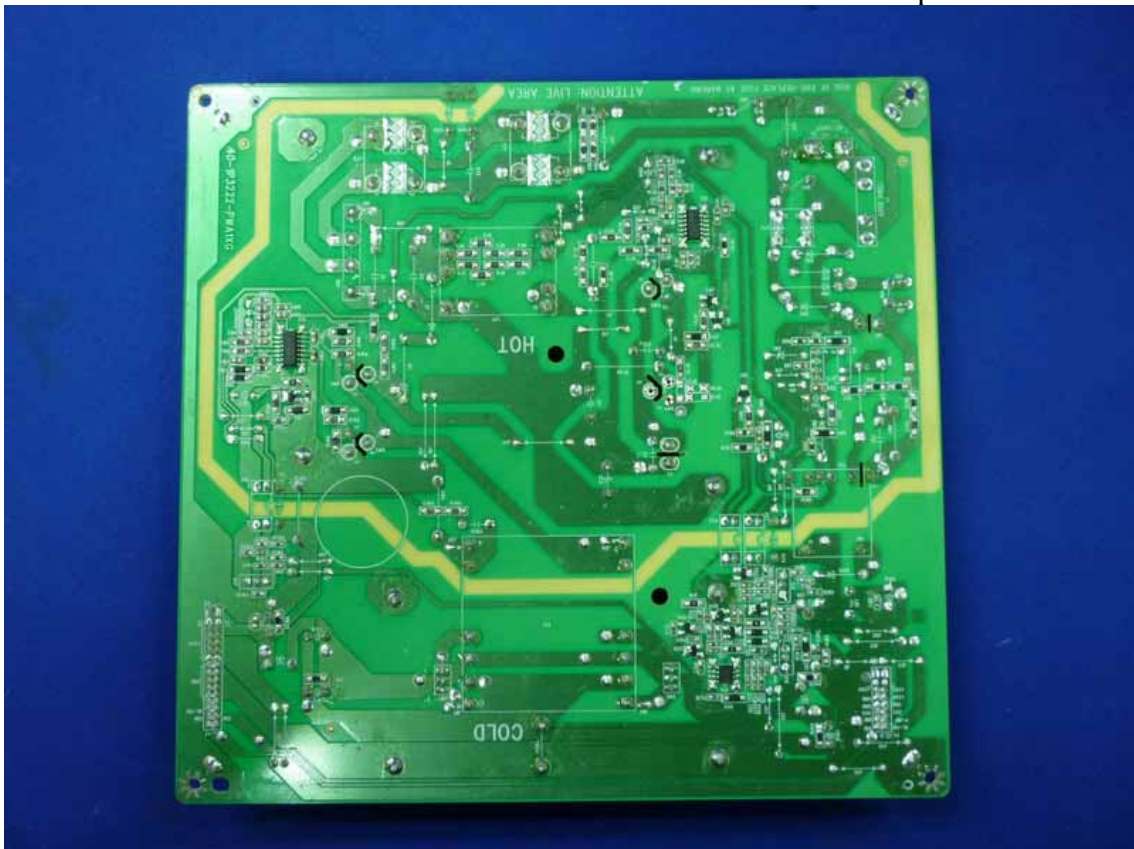


Figure 19
Component Side of the PCB



Figure 20
Component Side of the PCB



Figure 21
Component Side of the PCB

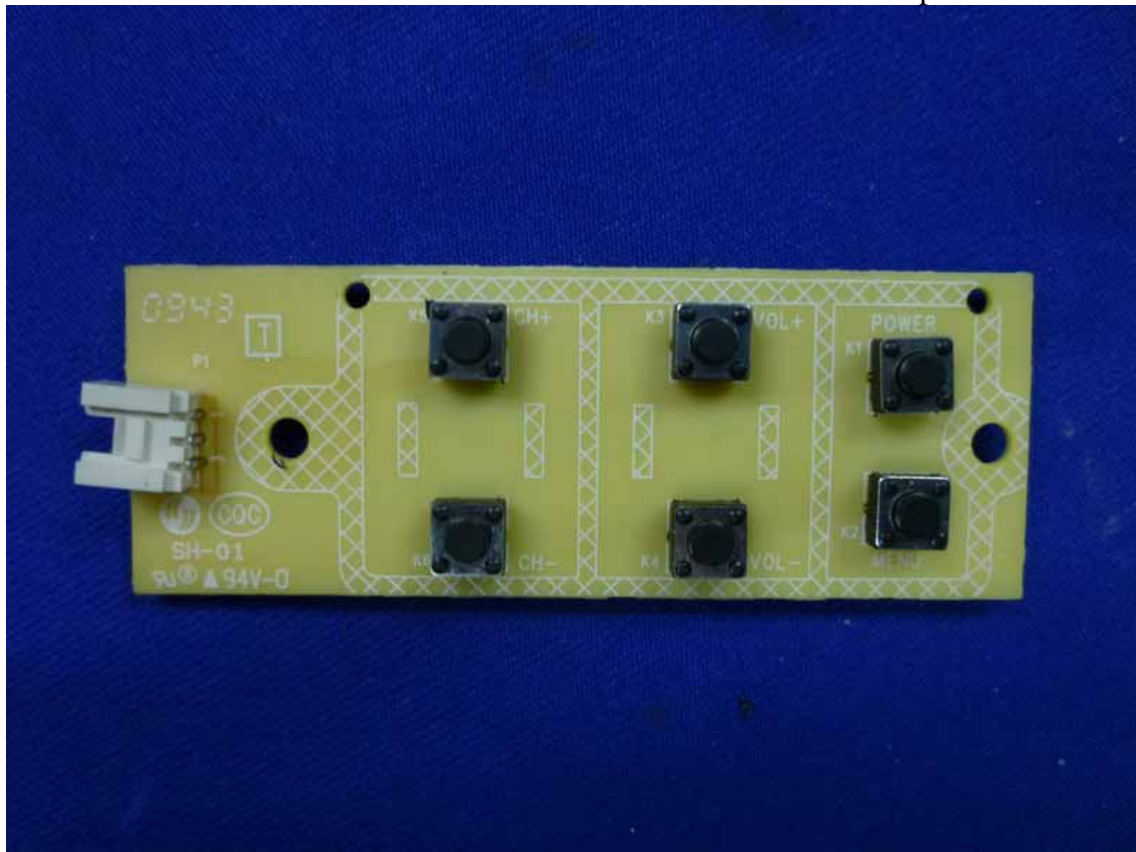


Figure 22
Component Side of the PCB

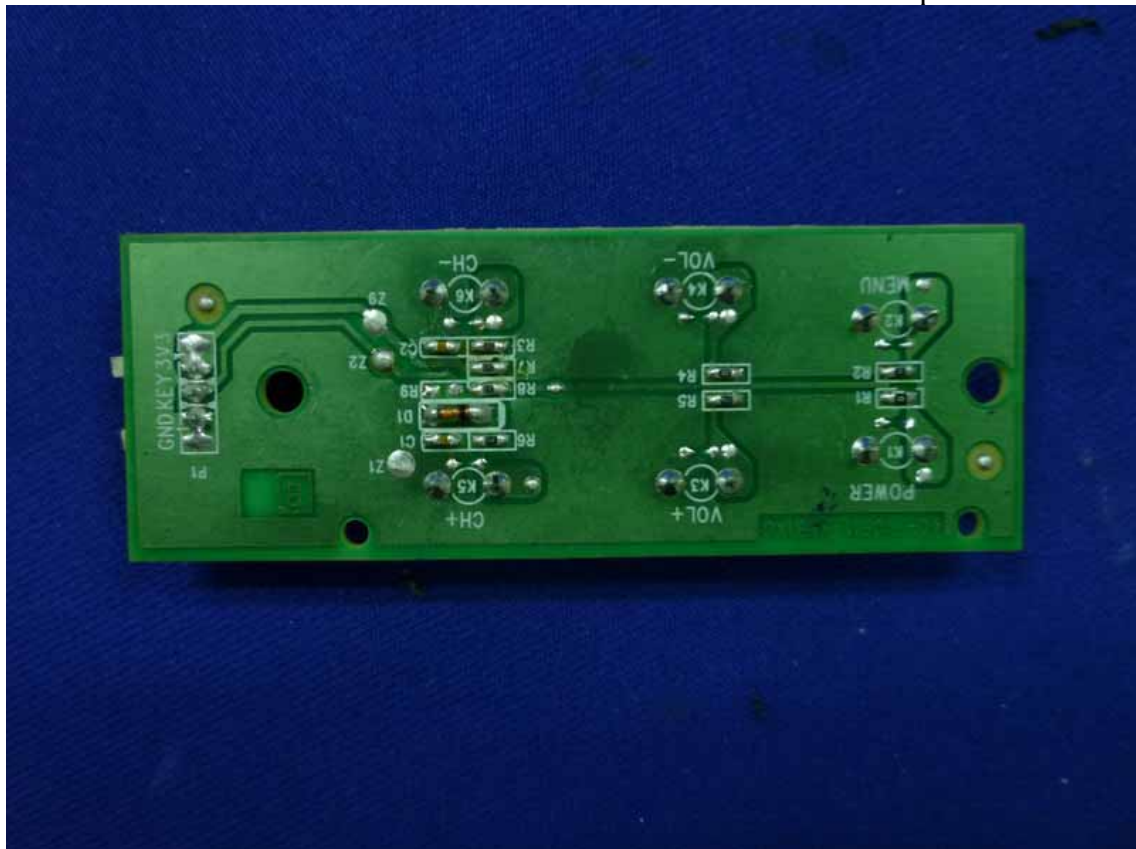


Figure 23
Component Side of the PCB

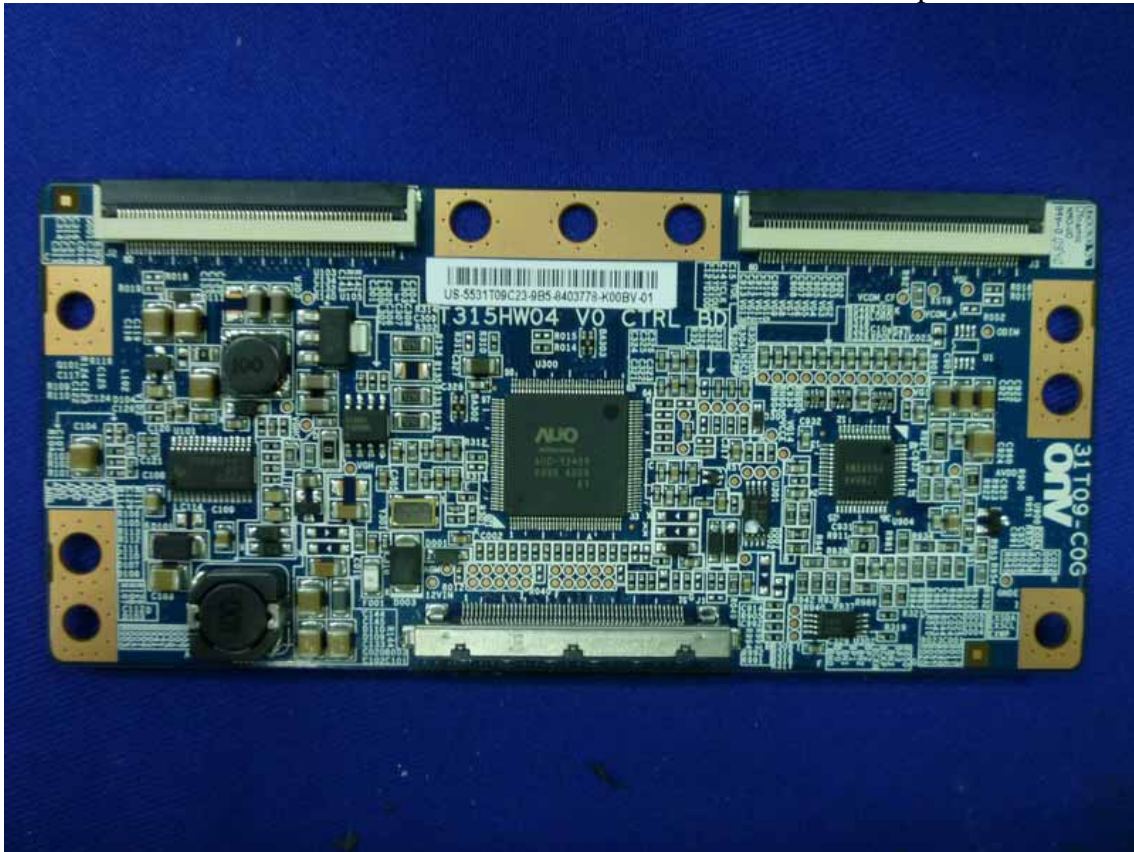
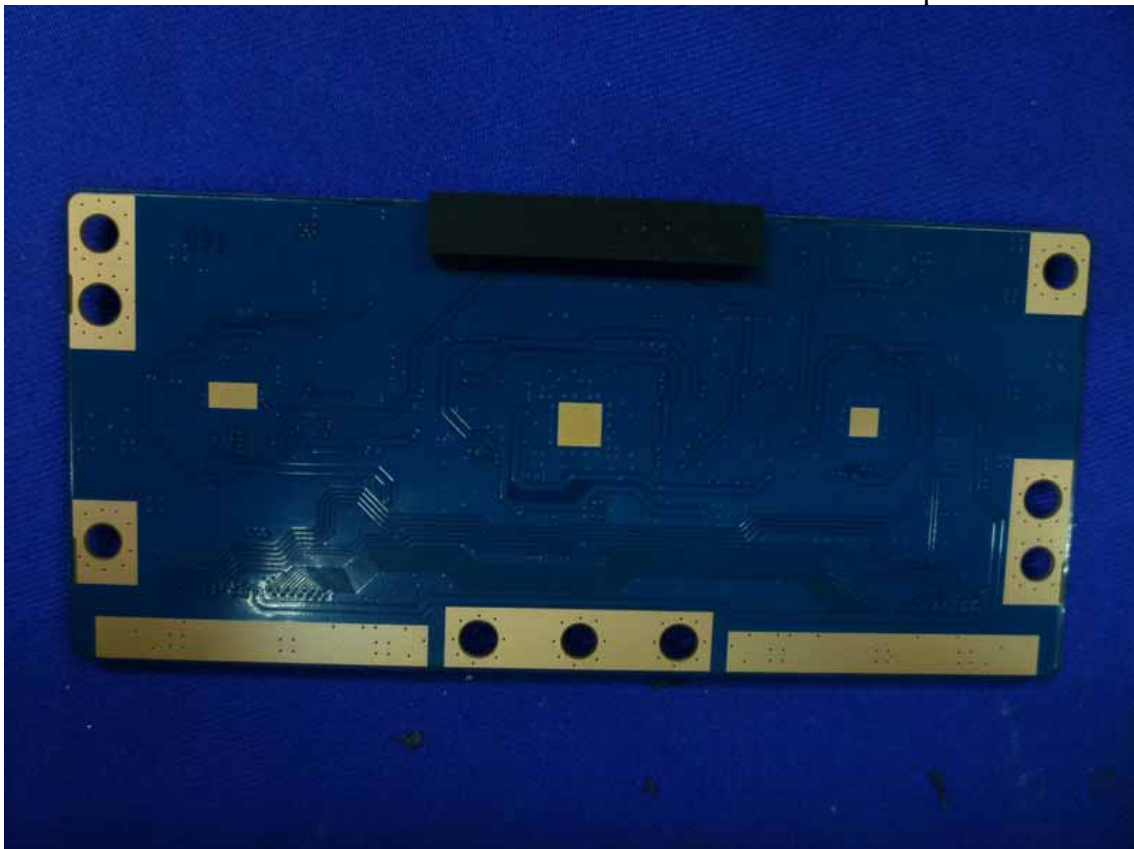


Figure 24
Component side of the PCB



M/N: L40FHDF10

Figure 25

General Appearance of the EUT



Figure 26

General Appearance of the EUT



Figure 27
General Appearance of the EUT



Figure 28
General Appearance of the EUT



Figure 29
Inside of the EUT



Figure 30
Inside of the EUT



Figure 31
Inside of the EUT



Figure 32
Inside of the EUT



Figure 33
Inside of the EUT



Figure 34
Inside of the EUT



Figure 35
Speaker of the EUT



Figure 36
Speaker of the EUT



Figure 37
Component Side of the PCB

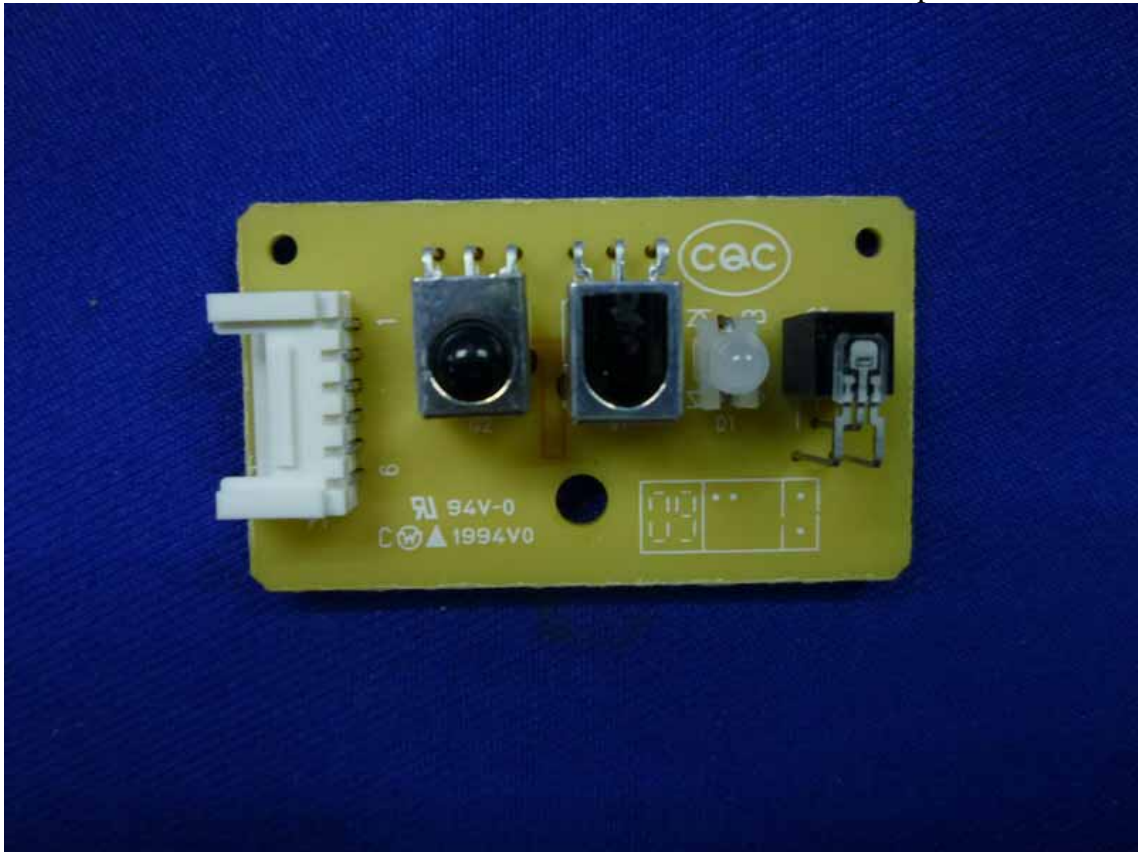


Figure 38
Component Side of the PCB



Figure 39
Component Side of the PCB

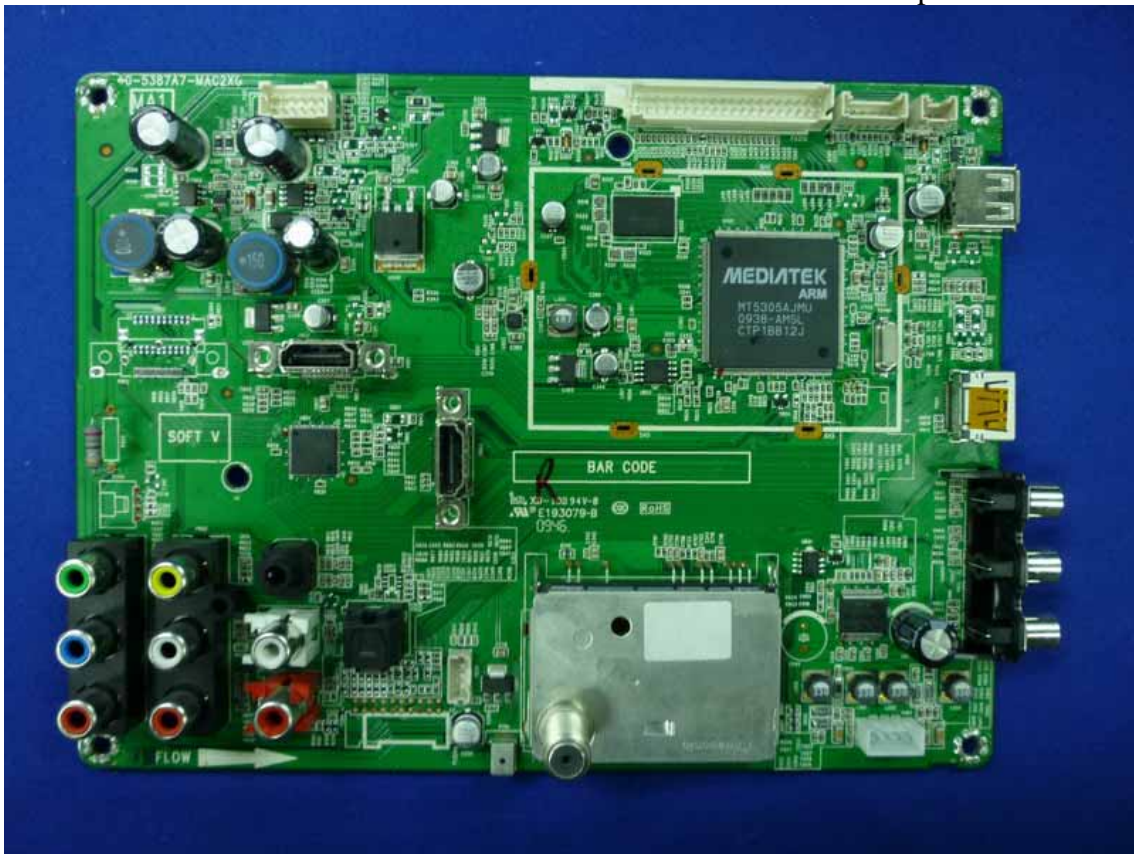


Figure 40
Component Side of the PCB

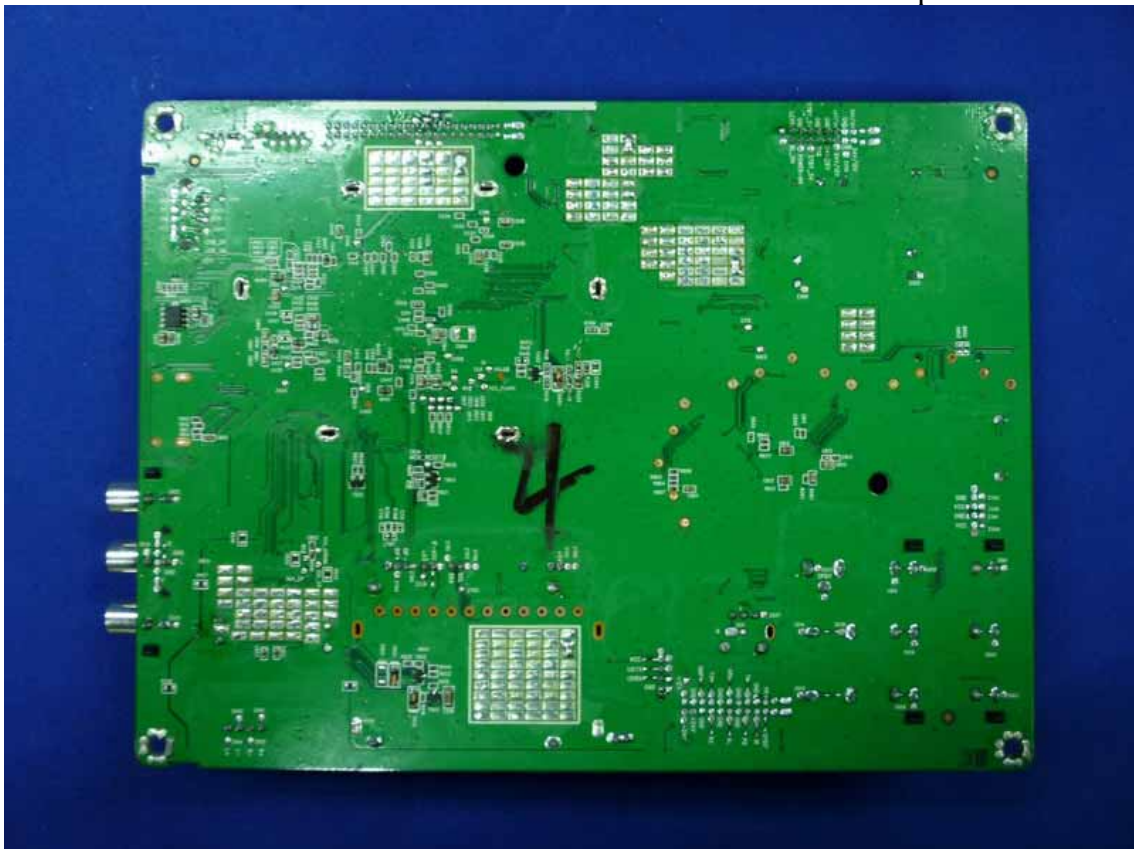


Figure 41
Component side of the PCB

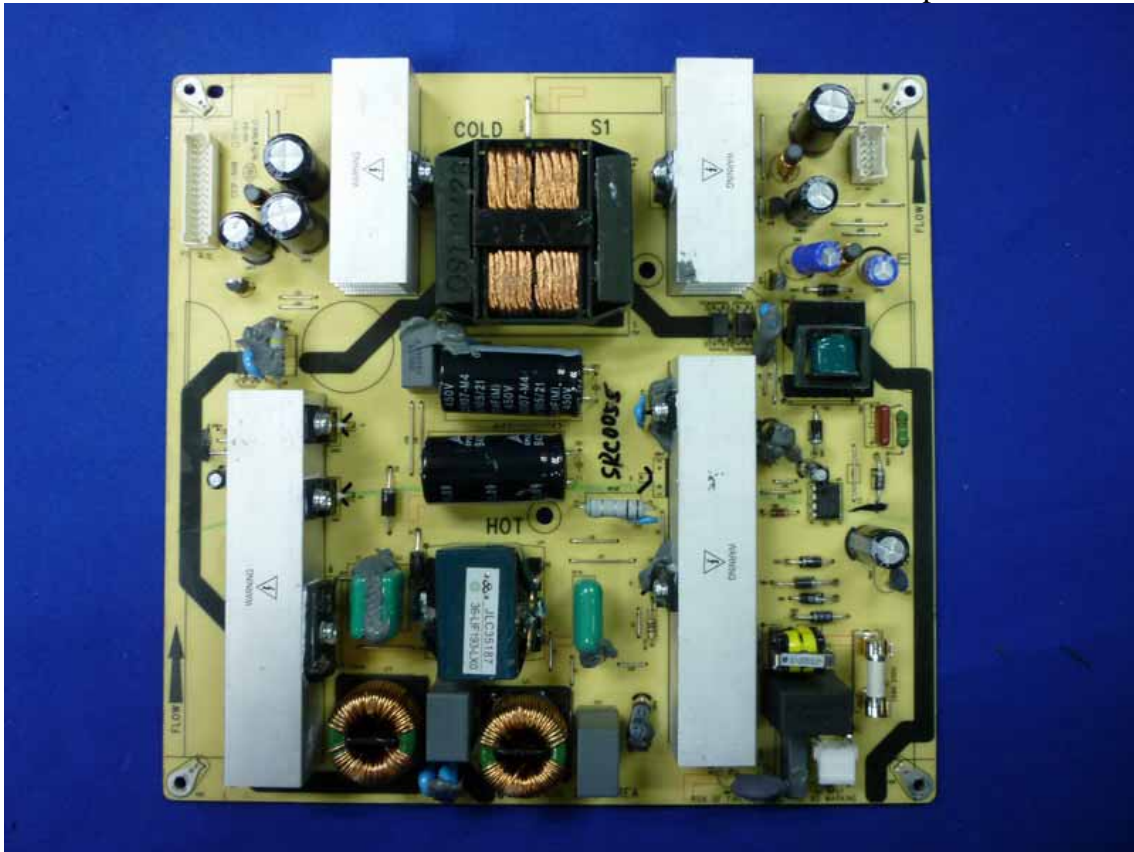


Figure 42
Component side of the PCB

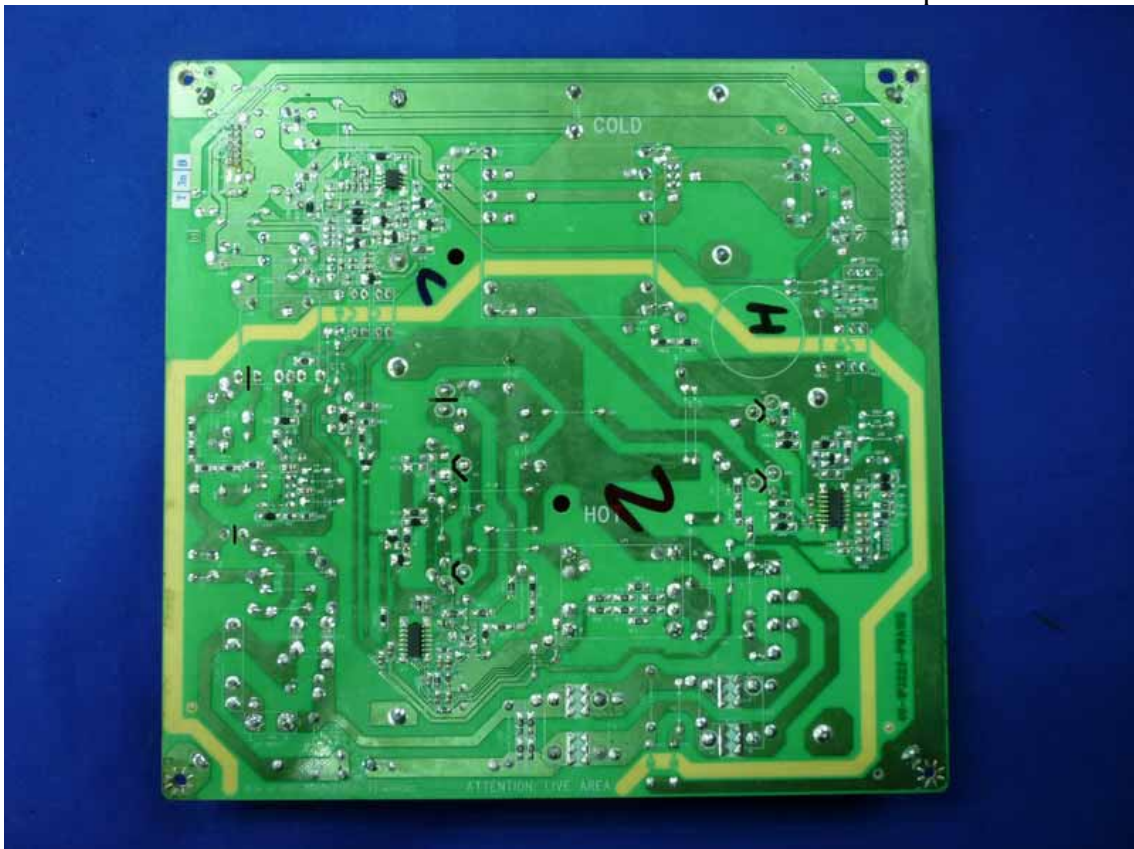


Figure 43
Component side of the PCB

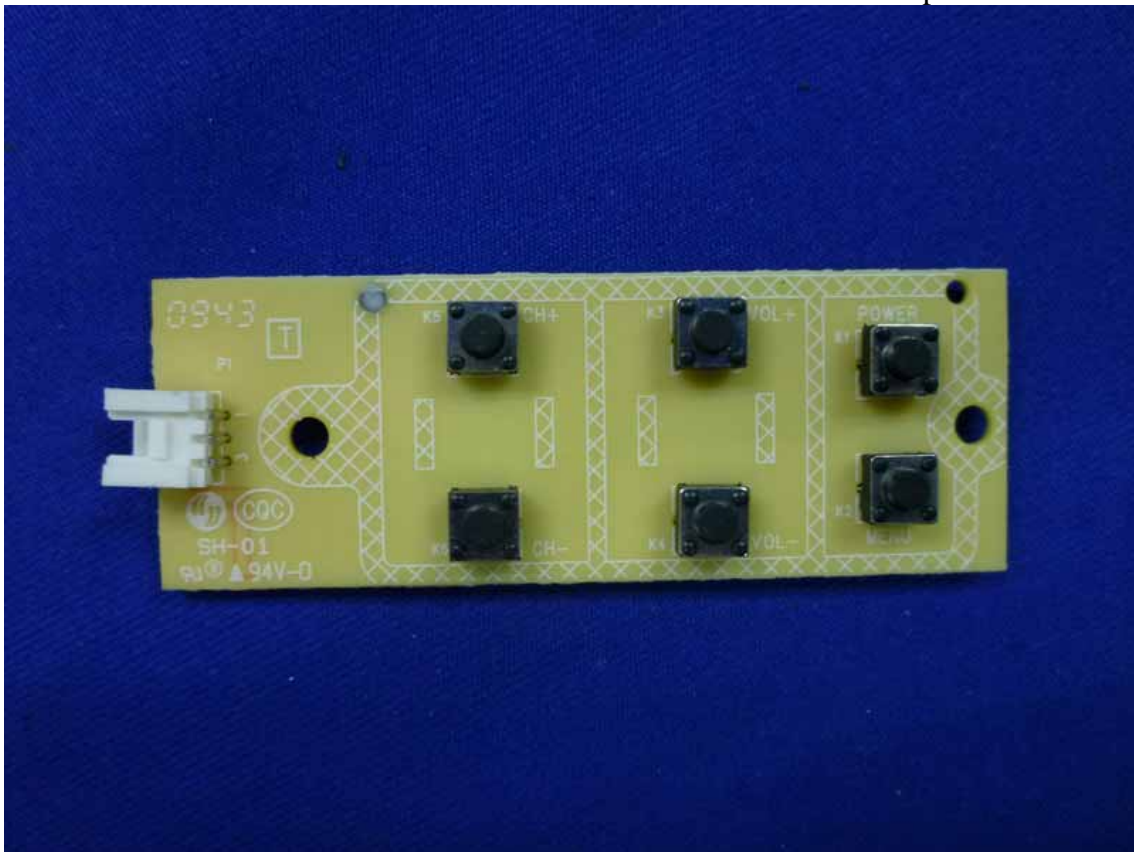


Figure 44
Component side of the PCB

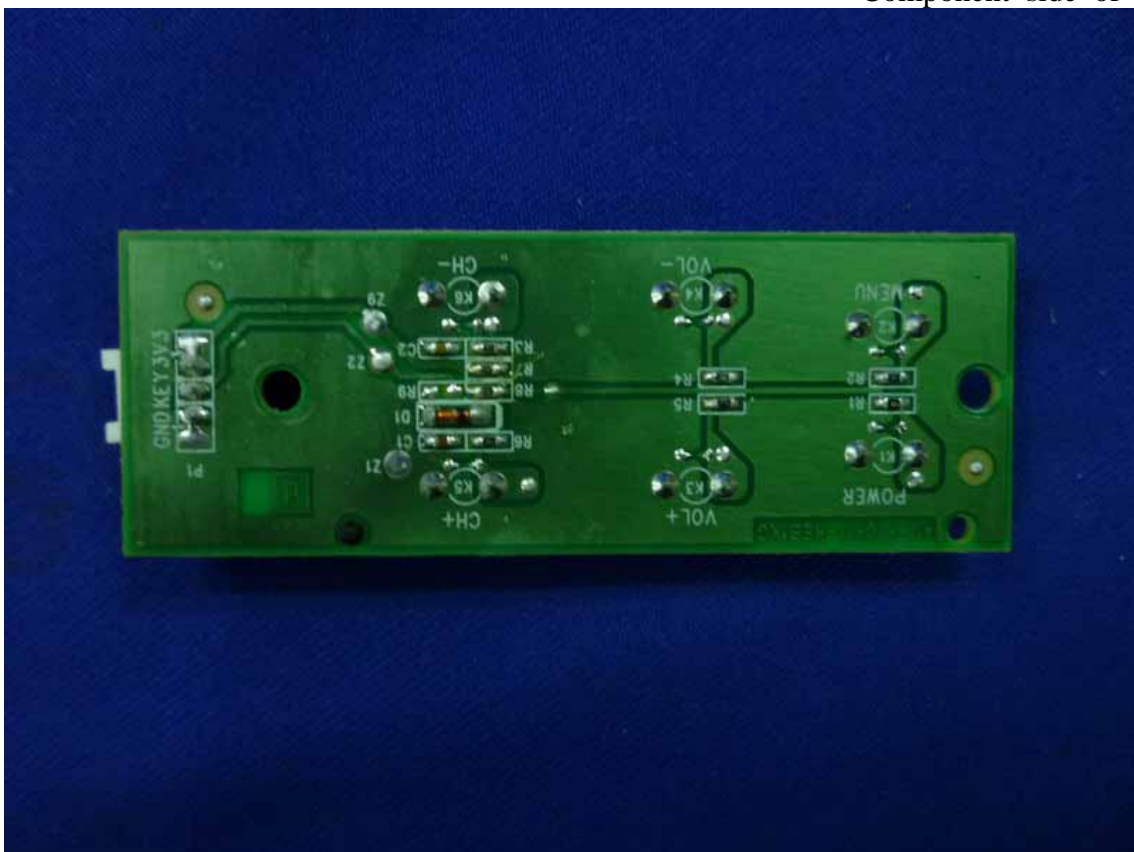


Figure 45
Component side of the PCB

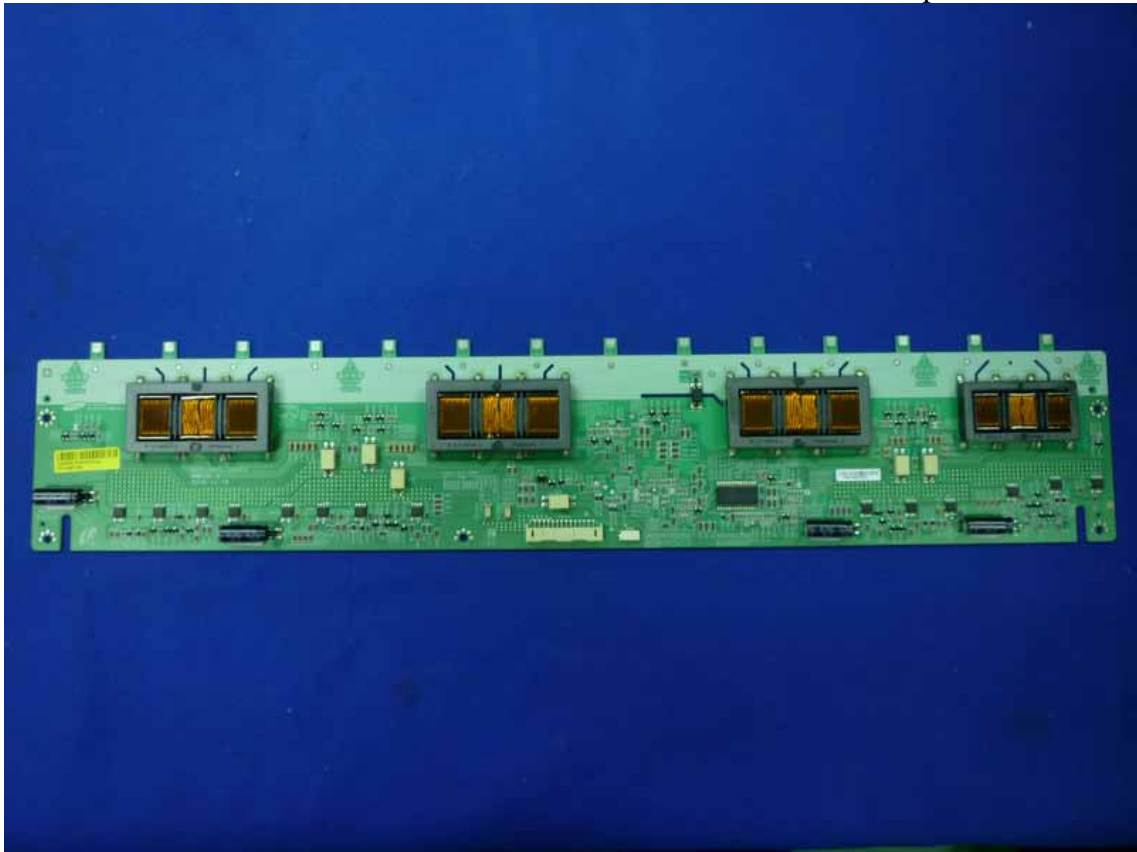


Figure 46
Component side of the PCB

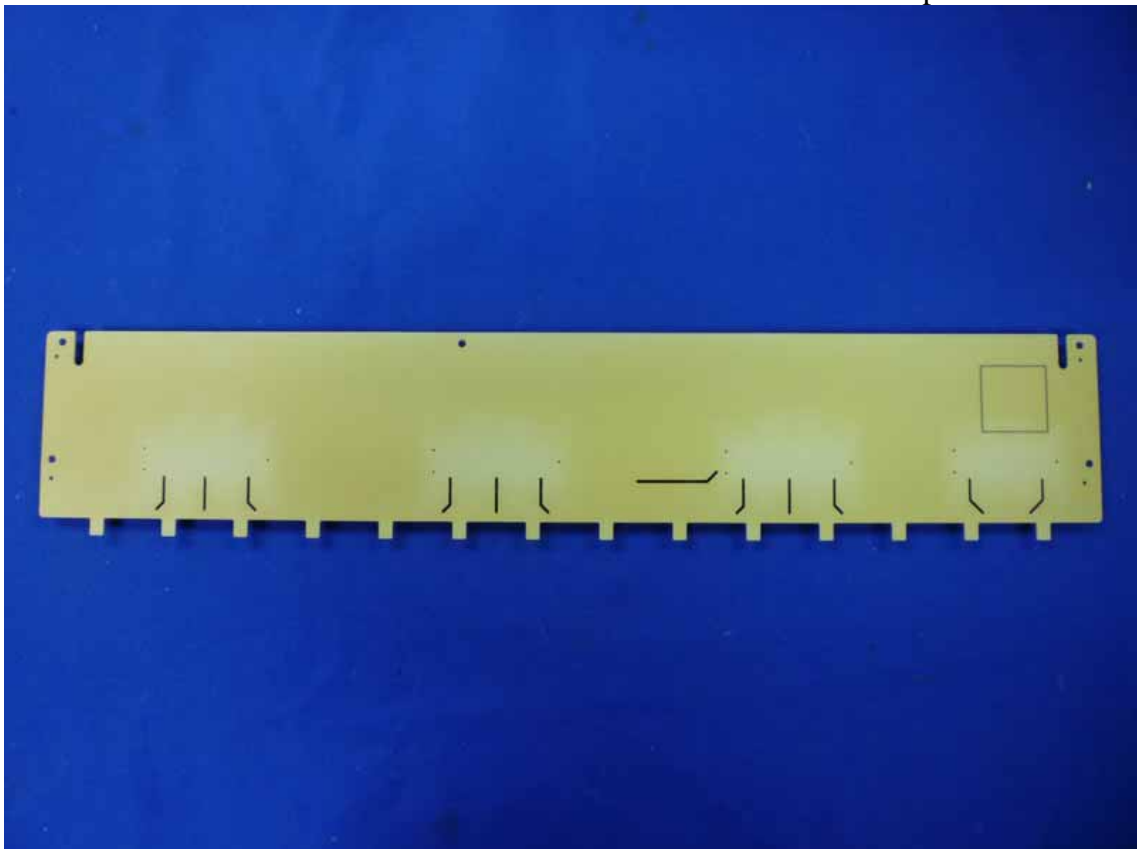


Figure 47
Component side of the PCB



Figure 48
Component side of the PCB

