EMC TEST REPORT

Test item	: LED TV Monitor
Model No.	: 26LT673H-UA
Order No.	: 1212-02954
Date of receipt	: 2012-12-17
Test duration	: 2012-12-21
Use of report	: FCC CoC Marking
Date of Issue	: 2012-12-27

Applicant : LG Electronics Inc.
19-1, Cheongho-ri, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 451-713, Korea

Test laboratory : Digital EMC Co., Ltd.
683-3, Yubang-Dong, Cheoin-Gu, Yongin-Si, Gyeonggi-Do, 449-080, Korea

Test specification : ANSI C 63.4:2003
FCC Part 15 Subpart B
(Type of Device : Class B Personal Computers and Peripherals (JBP))

Test environment : Temperature : (21 ~ 25) °C,
Humidity : 40 % R.H.

Test result : ☒ Comply ☐ Not Comply

The test results presented in this test report are limited only to the sample supplied by applicant and the use of this test report is inhibited other than its purpose.
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Tested by:

Assistant Manager
DaeHwa Eun

Reviewed by:

General Manager
ChangHo Lee

PRESIDENT OF DIGITAL EMC CO., LTD.

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1. General Remarks

This report contains the result of tests performed by:

DIGITAL EMC CO., LTD.

Address : 683-3, Yubang-Dong, Cheoin-Gu, Yongin-Si, Gyeonggi-Do, 449-080, Korea

http://www.digitalemc.com

Tel: +82-31-321-2664 Fax: +82-31-321-1664

2. Test Laboratory

Digital EMC Co., Ltd. has been accredited / filed / authorized by the agencies listed in the following table;

Certificate	Nation	Agency	Code	Mark
Accreditation	Korea	KOLAS	393	ISO/IEC 17025
Site Filing	USA	FCC	101842 678747	Test Facility list & NSA Data
	Canada	IC	5740A-1 5740A-2	Test Facility list & NSA Data
	Japan	VCCI	C-1427 R-1364, R-3385 T-1442, G-338	Test Facility list & NSA Data
Certification	Korea	KC	KR0034	Test Facility list & NSA Data
	Germany	TUV	ROK1124C	ISO/IEC 17025

Quality control in the testing laboratory is implemented as per ISO/IEC 17025 which is the "General requirements for the competent of calibration and testing laboratory".

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3. General Information of EUT

Model No.	26LT673H-UA
EUT Type	LED TV Monitor
Serial No	NONE
FCC ID	BEJ26LT673HUA
Type of Sample Tested	Pre-Production
High Frequency	Max 800 MHz
Rating	AC ADAPTER Model : AAH-00 INPUT : AC 100-240 V~ 50/60 Hz, 1.3 A OUTPUT : 24 V, 2.5 A Manufacturer : AMPOWER (BEIHAI) LTD.
Supplied Power for Test	AC 120 V, 60 Hz
Applicant	LG Electronics Inc. 19-1, Cheongho-ri, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 451-713, Korea
Manufacturer	LG Electronics Inc. 19-1, Cheongho-ri, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 451-713, Korea

RGB(PC), HDMI (PC) supported mode

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
640x350	31.46	70.09
720x400	31.46	70.08
640x480	31.46	59.94
800x600	37.87	60.31
1024x768	48.36	60.00
1280x768	47.77	59.87
1360x768	47.71	60.01
1280x1024	63.98	60.02
1600x1200	75.00	60.00
1920x1080 RGB-PC	66.58	59.93
1920x1080 HDMI-PC	67.50	60.00

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4. Test Summary

4.1 Applied standards and test results

Test Items	Applied Standards	Results
Conducted Disturbance	ANSI C63.4:2003	C
Radiated Disturbance	ANSI C63.4:2003	C
C=Comply N/C=Not Comply N/T=Not Tested N/A=Not Applicable		

The data in this test report are traceable to the national or international standards.

4.2 Test environment and conditions

Test Items	Test date (MM-DD)	Temp (℃)	Humidity (% R.H.)
Conducted Disturbance	12-21	25	40
Radiated Disturbance	12-21	21	40

4.3 Test result Summary

(1) Conducted Emission (DSUB MODE)

Frequency [MHz]	Phase	Result [dBμV]	Detector	Limit [dBμV]	Margin [dB]
0.41675	**L1**	**38.7**	Average	**47.5**	**8.8**

(2) Radiated Emission (DSUB MODE)

Frequency [MHz]	Pol.	Result [dB(μV/m)]	Detector	Limit [dB(μV/m)]	Margin [dB]
485.993	**H**	**36.6**	Quasi-Peak	**46.0**	**9.4**

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5. Test Set-up and operation mode

5.1 Principle of Configuration Selection

Emission : The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

5.2 Test Operation Mode

- HDMI MODE : "H" Pattern mode, 1920 x 1080 Resolution
- DSUB MODE : "H" Pattern mode, 1920 x 1080 Resolution
- USB MODE : USB recorded file play

5.3 Support Equipment Used

Unit	Model No.	Serial No.	Manufacturer	CABLE				Backshell	FCC ID
				Connect type	Length (m)	ferrite core	shield		
PC	VOSTRO220	G3RZKBX	DELL INC	Power HDMI DSUB USB USB USB	1.6 1.6 1.8 1.8 1.6 2.0	Not use Not use Not use Not use use Not use	Non-shield Shield Shield Non-shield Non-shield Non-shield	Plastic Plastic Metal Plastic Plastic Plastic	DOC
KEYBOARD	SKG-3000UB	TAKB601241E	MONITEREY INTERNATIONAL CORP	USB	1.8	Not use	Non-shield	Plastic	DOC
MOUSE	1094	N/A	MICROSOFT CORPORATION	USB	1.6	use	Non-shield	Plastic	DOC
CD/DVD PLAYER	DVP-NS92V	2001499	SONY EMCS	POWER AV	1.7 1.8	Not use Not use	Non-shield Non-shield	Plastic Plastic	VER
USB MEMORY	Sandisk Cruzer Z37 4G	N/A	SANDISK	USB	-	-	-	Plastic	DOC
PRINTER	SRP-770	N/A	BIXOLON	USB Power	1.8 2.0	Not use Not use	Non-shield Non-shield	Plastic	DOC
Headset	COV903	N/A	COSY	STEREO	2.0	Not use	Non-shield	Plastic	DOC
Remote Control	AKB736558061	N/A	LG	-	-	-	-	-	DOC

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6. Test Results : Emission

6.1 Conducted Disturbance

6.1.1 Measurement Procedure

In the range of 0.15 MHz to 30 MHz, the conducted disturbance was measured and set-up was made accordance with **ANSI C63.4.**

If the EUT is table top equipment, it was placed on a wooden table with a height of 0.8 m above the reference ground plane and 0.4 m from the conducting wall of the shielded room.

Also if the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 m above the reference ground plane.

Connect the EUT's power source lines to the appropriate power mains / peripherals through the LISN. All the other peripherals are connected to the 2nd LISN, if any.

Unused measuring port of the LISN was resistively terminated by 50 ohm terminator.

The measuring port of the LISN for EUT was connected to spectrum analyzer.

Using conducted emission test software, the emissions were scanned with peak detector mode.

After scanning over the frequency range, suspected emissions were selected to perform final measurement. When performing final measurement, the receiver was used which has Quasi-Peak detector and Average detector.

By varying the configuration of the test sample and the cable routing it was attempted to maximize the emission.

For further description of the configuration refer to the picture of the test set-up.

6.1.2 Limit for Conducted Disturbance

(1) Conducted disturbance at mains ports.

Frequency range (MHz)	Limits dB(μV)			
	Quasi-peak		Average	
	Class A	Class B	Class A	Class B
0.15 to 0.50	79	66 to 56	66	56 to 46
0.50 to 5	73	56	60	46
5 to 30		60		50

Note 1 The lower limit shall apply at the transition frequencies.
Note 2 The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

Note) 1. Emission Level = Reading Value + Correction Factor.
2. Correction Factor = Cable Loss + Insertion Loss of LISN
3. Margin = Limit - Emission level

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Test Result

< HDMI MODE >

Digital EMC

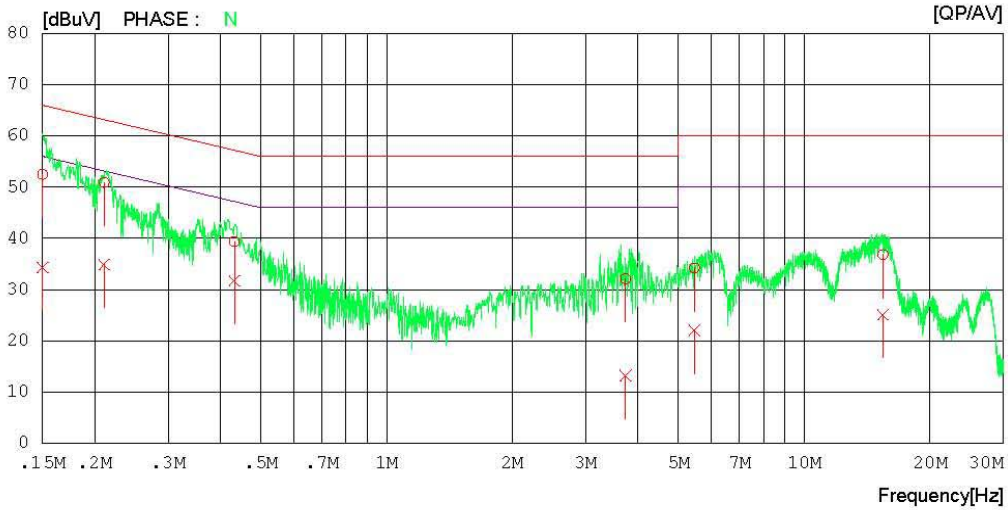
Results of Conducted Emission

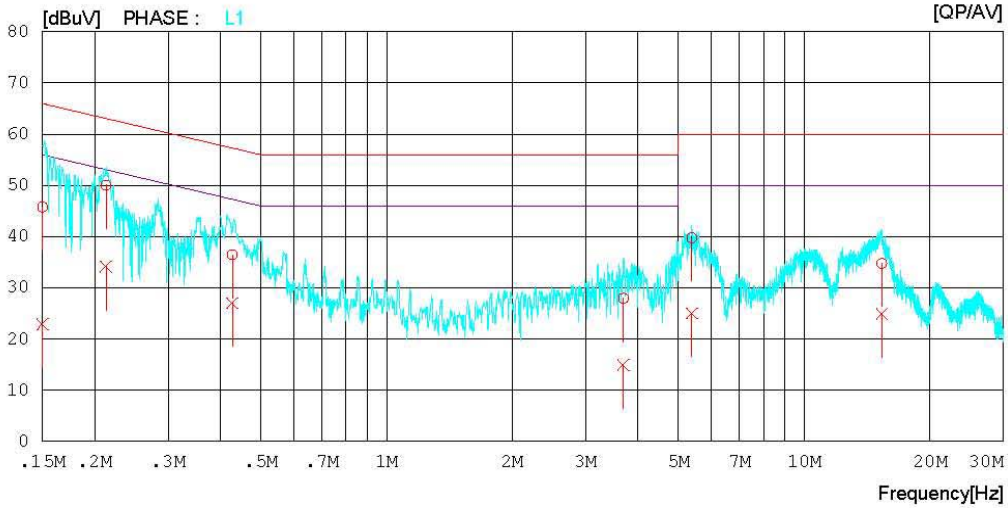
Digital EMC
Date : 2012-12-21

Model No.	:	26LT673H-UA	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 40 % R.H.
Test Condition	:	HDMI_19201080	Operator	:	

Memo :

LIMIT : CISPR22_B QP
CISPR22_B AV





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Results of Conducted Emission

Digital EMC
Date : 2012-12-21

Model No.	:	26LT673H-UA	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 40 % R.H.
Test Condition	:	HDMI_19201080	Operator	:	

Memo :

LIMIT : CISPR22_B QP
CISPR22_B AV

NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.15016	52.3	34.1	0.2	52.5	34.3	66.0	56.0	13.5	21.7	N
2	0.21091	50.7	34.7	0.2	50.9	34.9	63.2	53.2	12.3	18.3	N
3	0.43250	39.1	31.5	0.2	39.3	31.7	57.2	47.2	17.9	15.5	N
4	3.73500	31.8	12.9	0.3	32.1	13.2	56.0	46.0	23.9	32.8	N
5	5.46300	33.7	21.6	0.5	34.2	22.1	60.0	50.0	25.8	27.9	N
6	15.43850	36.0	24.3	0.8	36.8	25.1	60.0	50.0	23.2	24.9	N
7	0.15016	45.6	22.7	0.2	45.8	22.9	66.0	56.0	20.2	33.1	L1
8	0.21311	49.9	34.0	0.2	50.1	34.2	63.1	53.1	13.0	18.9	L1
9	0.42750	36.3	26.8	0.2	36.5	27.0	57.3	47.3	20.8	20.3	L1
10	3.69050	27.7	14.6	0.3	28.0	14.9	56.0	46.0	28.0	31.1	L1
11	5.38250	39.4	24.7	0.4	39.8	25.1	60.0	50.0	20.2	24.9	L1
12	15.34000	34.0	24.1	0.8	34.8	24.9	60.0	50.0	25.2	25.1	L1

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< DSUB MODE >

Digital EMC

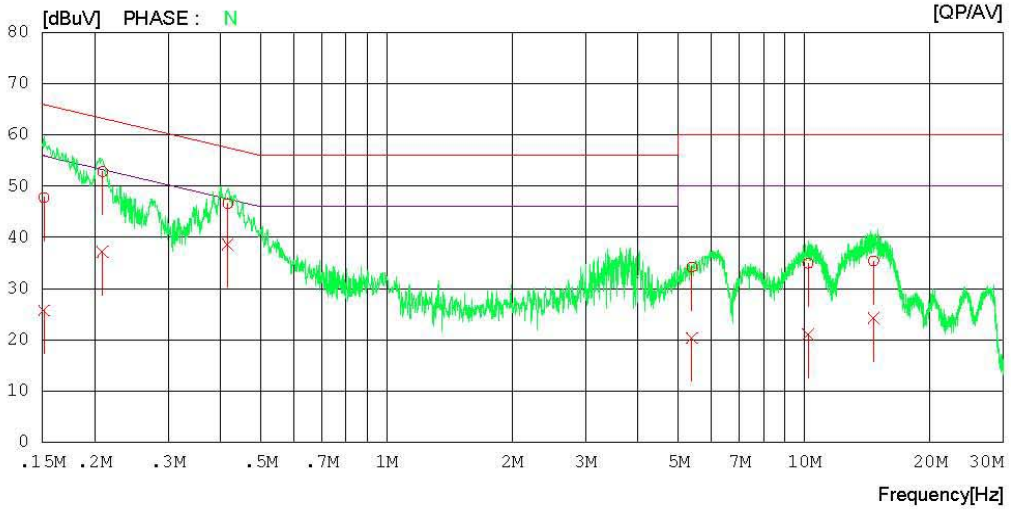
Results of Conducted Emission

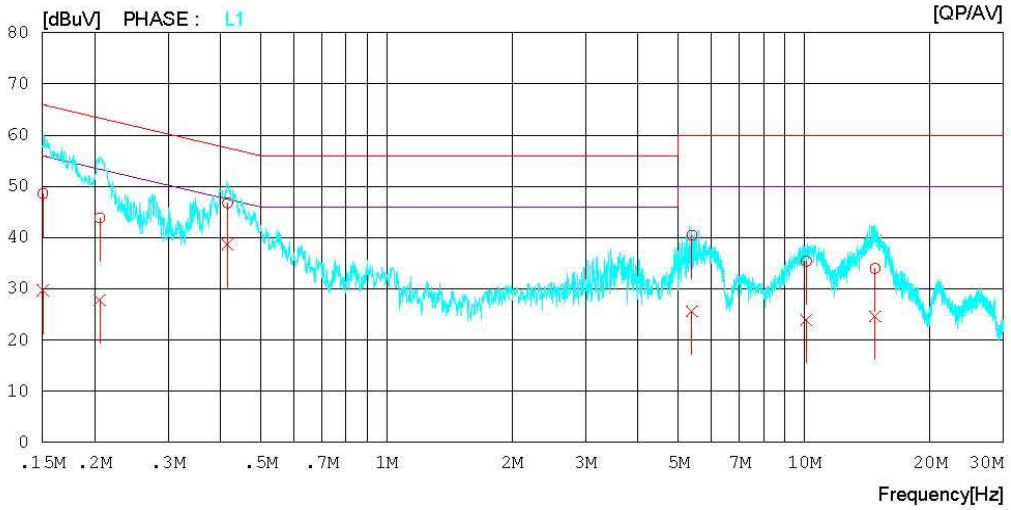
Digital EMC
Date : 2012-12-21

Model No.	:	26LT673H-UA	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 40 % R.H.
Test Condition	:	RGB	Operator	:	

Memo :

LIMIT : CISPR22_B QP
CISPR22_B AV





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Results of Conducted Emission

Digital EMC
Date : 2012-12-21

Model No.	:	26LT673H-UA	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 40 % R.H.
Test Condition	:	RGB	Operator	:	

Memo :

LIMIT : CISPR22_B QP
CISPR22_B AV

NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.15141	47.6	25.5	0.2	47.8	25.7	65.9	55.9	18.1	30.2	N
2	0.20916	52.6	37.0	0.2	52.8	37.2	63.2	53.2	10.4	16.0	N
3	0.41699	46.4	38.4	0.2	46.6	38.6	57.5	47.5	10.9	8.9	N
4	5.38500	33.8	19.9	0.4	34.2	20.3	60.0	50.0	25.8	29.7	N
5	10.22050	34.2	20.3	0.7	34.9	21.0	60.0	50.0	25.1	29.0	N
6	14.66500	34.7	23.5	0.7	35.4	24.2	60.0	50.0	24.6	25.8	N
7	0.15055	48.4	29.5	0.2	48.6	29.7	66.0	56.0	17.4	26.3	L1
8	0.20574	43.7	27.6	0.2	43.9	27.8	63.4	53.4	19.5	25.6	L1
9	0.41675	46.6	38.5	0.2	46.8	38.7	57.5	47.5	10.7	8.8	L1
10	5.38650	40.0	25.2	0.4	40.4	25.6	60.0	50.0	19.6	24.4	L1
11	10.12350	34.7	23.3	0.7	35.4	24.0	60.0	50.0	24.6	26.0	L1
12	14.78450	33.2	23.8	0.8	34.0	24.6	60.0	50.0	26.0	25.4	L1

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< USB MODE >

Digital EMC

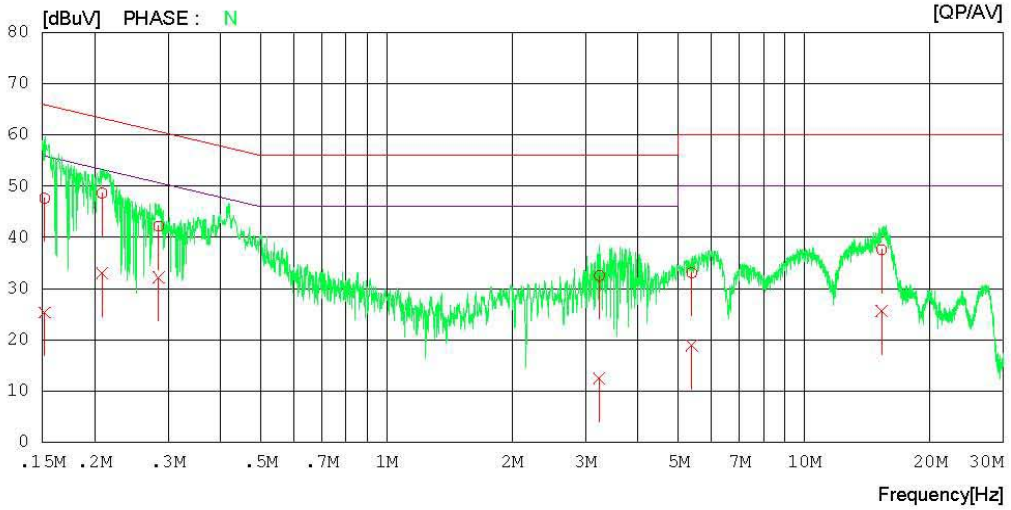
Results of Conducted Emission

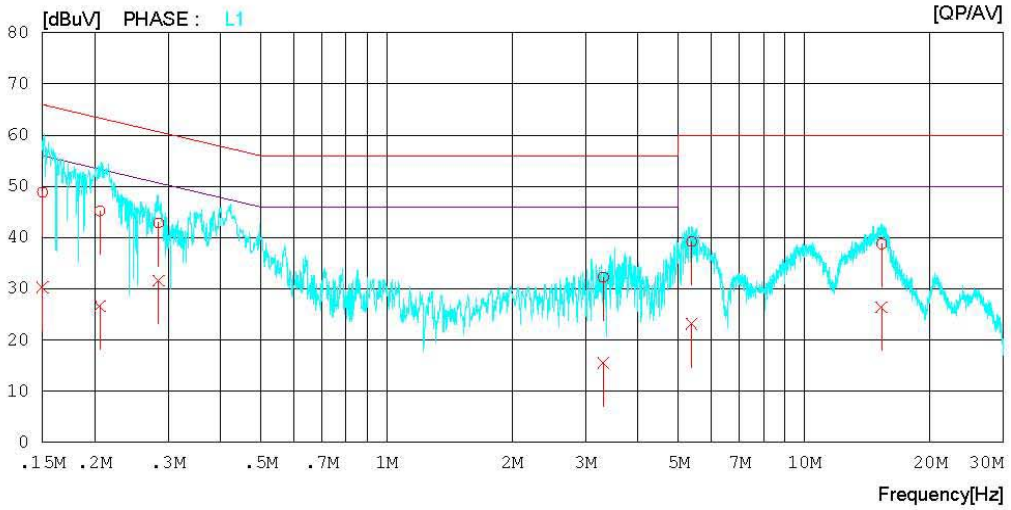
Digital EMC
Date : 2012-12-21

Model No.	:	26LT673H-UA	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 40 % R.H.
Test Condition	:	USB	Operator	:	

Memo :

LIMIT : CISPR22_B QP
CISPR22_B AV





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Results of Conducted Emission

Digital EMC
Date : 2012-12-21

Model No.	:	26LT673H-UA	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 40 % R.H.
Test Condition	:	USB	Operator	:	

Memo :

LIMIT : CISPR22_B QP
CISPR22_B AV

NO	FREQ [MHz]	READING QP [dBuV]	READING AV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT AV [dBuV]	LIMIT QP [dBuV]	LIMIT AV [dBuV]	MARGIN QP [dBuV]	MARGIN AV [dBuV]	PHASE
1	0.15197	47.4	25.1	0.2	47.6	25.3	65.9	55.9	18.3	30.6	N
2	0.20846	48.4	32.8	0.2	48.6	33.0	63.3	53.3	14.7	20.3	N
3	0.28493	42.0	32.0	0.2	42.2	32.2	60.7	50.7	18.5	18.5	N
4	3.23550	32.2	12.2	0.3	32.5	12.5	56.0	46.0	23.5	33.5	N
5	5.38750	32.7	18.5	0.4	33.1	18.9	60.0	50.0	26.9	31.1	N
6	15.32850	36.8	24.8	0.8	37.6	25.6	60.0	50.0	22.4	24.4	N
7	0.15006	48.7	30.1	0.2	48.9	30.3	66.0	56.0	17.1	25.7	L1
8	0.20596	45.0	26.5	0.2	45.2	26.7	63.4	53.4	18.2	26.7	L1
9	0.28488	42.7	31.4	0.2	42.9	31.6	60.7	50.7	17.8	19.1	L1
10	3.30750	32.0	15.2	0.3	32.3	15.5	56.0	46.0	23.7	30.5	L1
11	5.38050	38.8	22.8	0.4	39.2	23.2	60.0	50.0	20.8	26.8	L1
12	15.32900	38.0	25.6	0.8	38.8	26.4	60.0	50.0	21.2	23.6	L1

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6.2 Radiated Disturbance

6.2.1 Measurement Procedure

The radiated disturbance was measured and set-up was made accordance with **ANSI C63.4.**
If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 m above the reference ground plane and 3 m or 10 m away from the interference receiving antenna in the **10m semi-anechoic chamber.**
Also if the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 m above the reference ground plane.
Rotate the EUT from (0 - 360)° and position the receiving antenna at heights from (1 - 4) m above the reference ground plane continuously to determine associated with higher emission levels and record them.
The measurement was made in both the vertical and horizontal polarization, and the maximum value is presented in the report.
For below 1 GHz frequency range, Quasi-Peak detector with 120 kHz RBW was used.
Also Peak and Average detector with 1 MHz RBW were used for above 1 GHz frequency range.
For further description of the configuration refer to the picture of the test set-up.

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6.2.2 Limit for Radiated Disturbance

- The test frequency range of Radiated Disturbance measurements are listed below.

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 108	1 000
108 – 500	2 000
500 – 1 000	5 000
Above 1 000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

(1) Limit for Radiated Emission below 1 000MHz

Frequency range (MHz)	Class A Equipment (10 m distance)	Class B Equipment (3 m distance)
	Quasi-peak (dBμV/m)	Quasi-peak (dBμV/m)
30 to 88	39.1	40
88 to 216	43.5	43.5
216 to 960	46.4	46
960 to 1 000	49.5	54

Note 1 The lower limit shall apply at the transition frequency.
Note 2 Additional provisions may be required for cases where interference occurs.
Note 3 According to 15.109(g), as an alternative to the radiated emission limit shown above, digital devices may be shown to comply with the standards(CISPR), Pub. 22 shown as below.

Frequency range (MHz)	Class A Equipment (10 m distance)	Class B Equipment (10 m distance)
	Quasi-peak (dBμV/m)	Quasi-peak (dBμV/m)
30 to 230	40	30
230 to 1 000	47	37

(2) Limits for Radiated Emission above 1 000MHz at a measuring distance of 3 m

Frequency (GHz)	Class A Equipment		Class B Equipment	
	Peak (dBμV/m)	Average (dBμV/m)	Peak (dBμV/m)	Average (dBμV/m)
1 to 40	80	60	74	54

Note) 1. Emission Level = Reading Value + Correction Factor.
2. Correction Factor = Cable loss - Amp gain + Antenna Factor
3. Margin = Limit - Emission level

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Test Result

< HDMI MODE_30 MHz ~ 1 GHz >

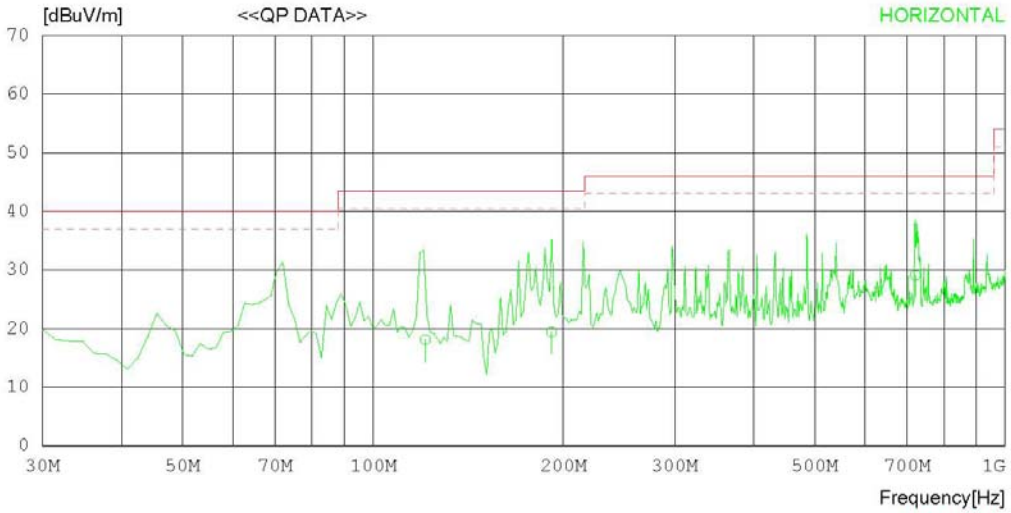
RADIATED EMISSION

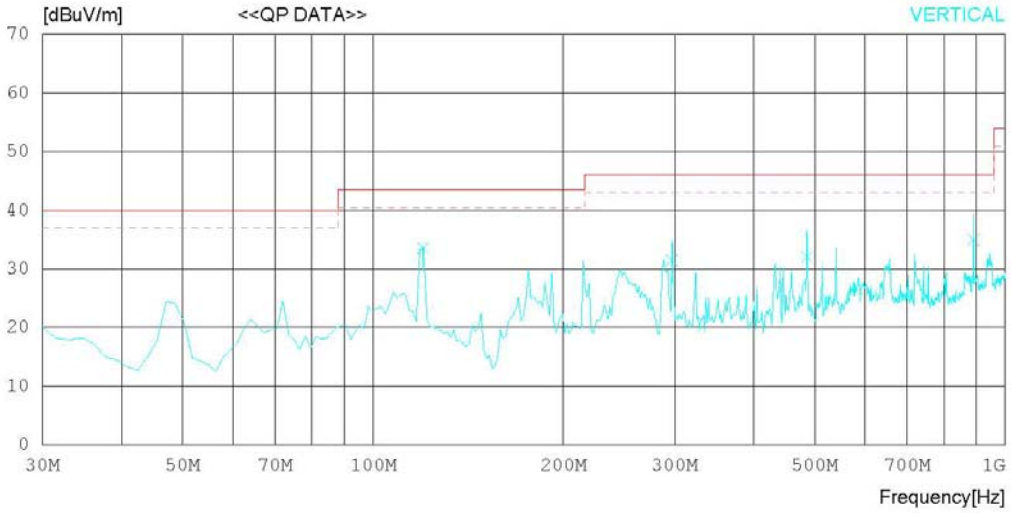
Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:	HDMI	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB





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RADIATED EMISSION

Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:	HDMI	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	120.983	26.9	12.5	1.6	22.9	18.1	43.5	25.4	274	134
2	191.399	31.3	9.2	2.2	23.3	19.4	43.5	24.1	378	110
3	720.544	29.4	19.2	4.6	24.1	29.1	46.0	16.9	130	257
----- Vertical ------										
4	120.002	42.3	12.6	1.6	22.9	33.6	43.5	9.9	162	98
5	296.993	39.5	13.1	2.8	23.9	31.5	46.0	14.5	151	164
6	485.990	35.7	17.3	3.8	24.7	32.1	46.0	13.9	287	360
7	891.032	32.4	20.6	5.2	23.2	35.0	46.0	11.0	163	104

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< HDMI MODE _ (1 ~ 6) GHz _ Peak >

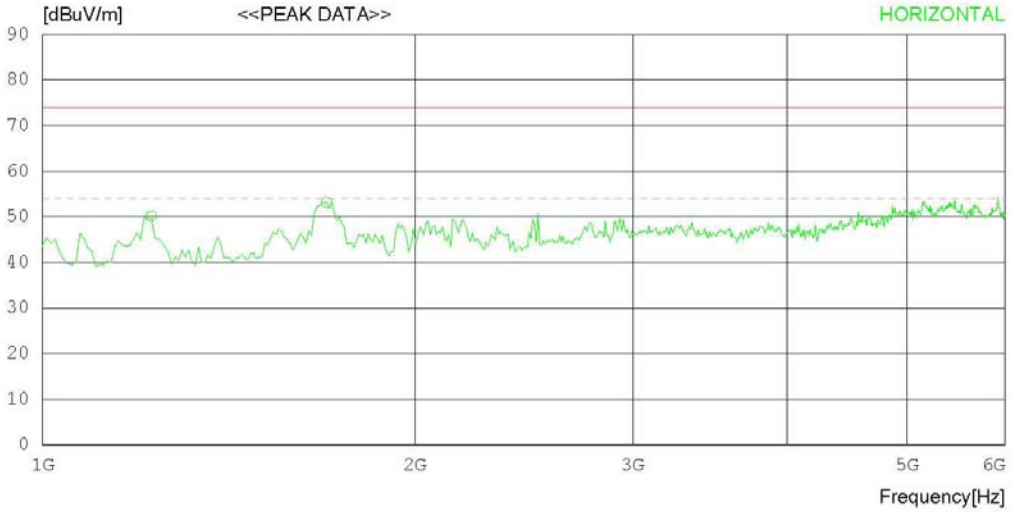
RADIATED EMISSION

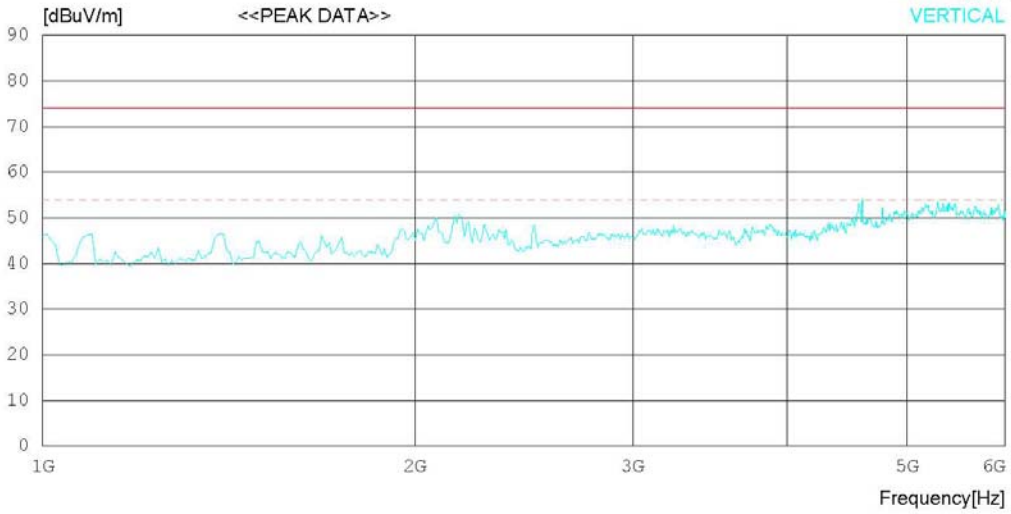
Date : 2012-12-21

Model Name	: 26LT673H-UA	Reference No.	:
Model No.	:	Power Supply	: 120 V 60 Hz
Serial No.	:	Temp/Humi	: 21 'C 40 % R.H
Test Condition	: HDMI	Operator	:

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)





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RADIATED EMISSION

Date : 2012-12-21

Model Name	: 26LT673H-UA	Reference No.	:
Model No.	:	Power Supply	: 120 V 60 Hz
Serial No.	:	Temp/Humi	: 21 'C 40 % R.H
Test Condition	: HDMI	Operator	:

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1224.359	61.3	24.2	6.5	41.8	50.2	74.0	23.8	100	358
2	1697.115	62.4	24.6	7.9	41.7	53.2	74.0	20.8	100	358

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< HDMI MODE _ (1 ~ 6) GHz _ Average >

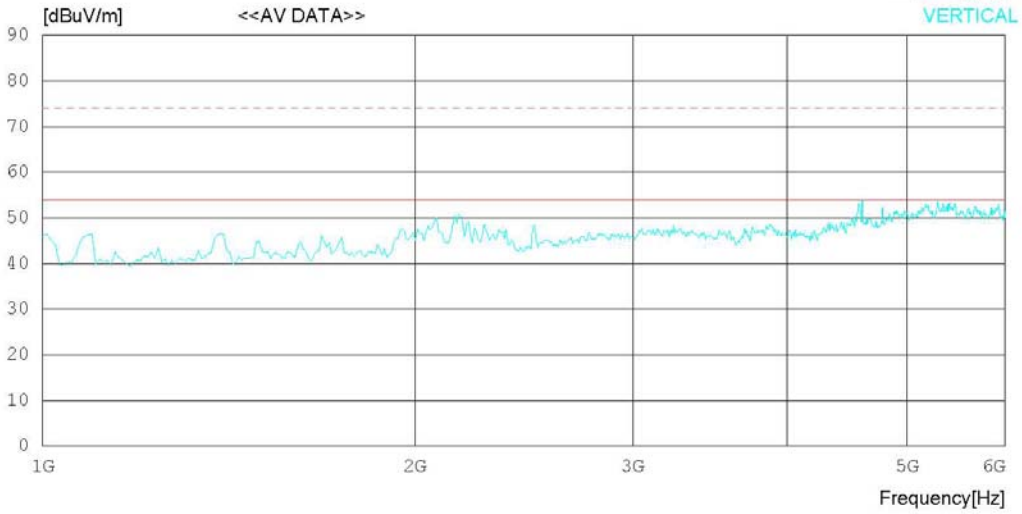
RADIATED EMISSION

Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H
Test Condition	:	HDMI	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)



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RADIATED EMISSION

Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H
Test Condition	:	HDMI	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1225.322	40.9	24.2	6.5	41.8	29.8	54.0	24.2	100	327
2	1703.225	43.0	24.6	7.9	41.7	33.8	54.0	20.2	100	127

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< DSUB MODE_30 MHz ~ 1 GHz >

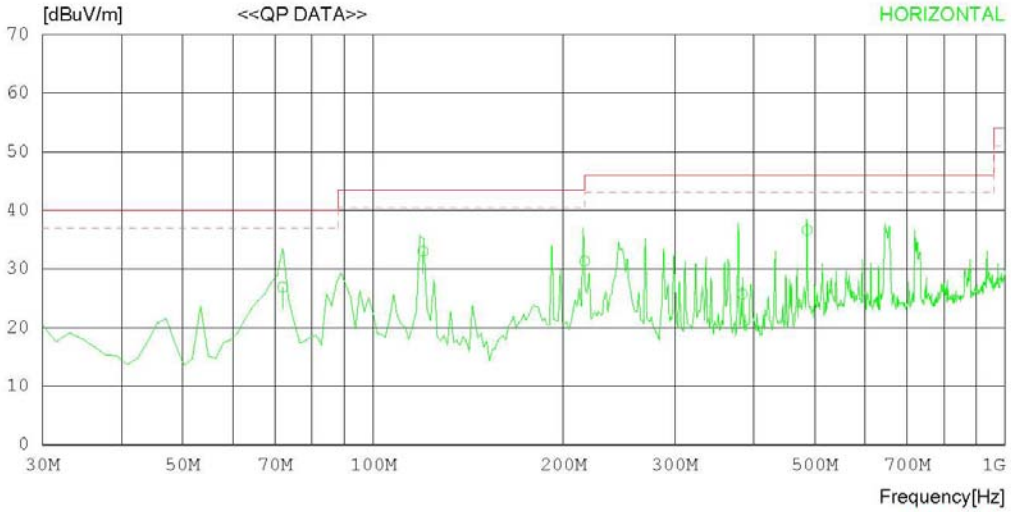
RADIATED EMISSION

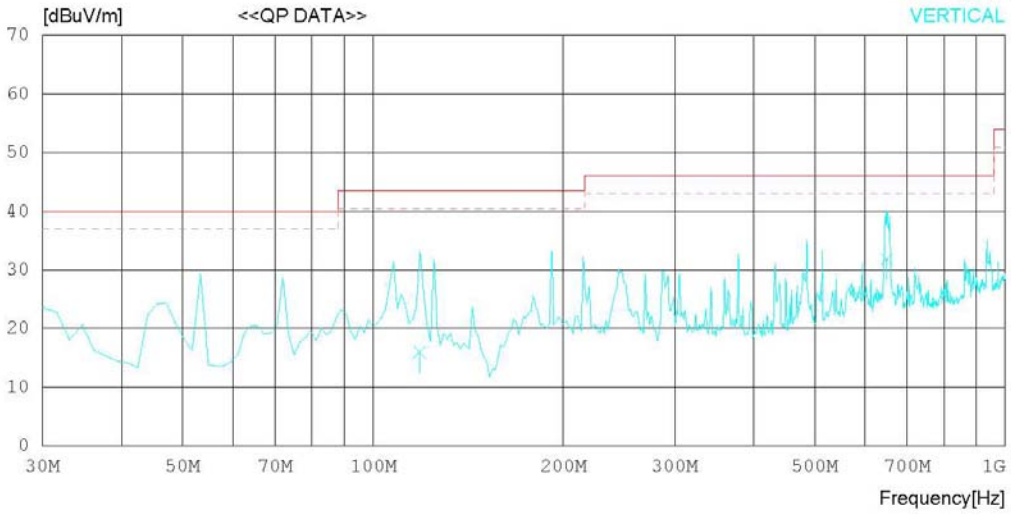
Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:	RGB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB





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RADIATED EMISSION

Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:	RGB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	71.955	41.2	6.7	1.7	22.7	26.9	40.0	13.1	184	200
2	120.002	41.7	12.6	1.6	22.9	33.0	43.5	10.5	378	127
3	216.003	42.1	10.2	2.4	23.4	31.3	46.0	14.7	311	360
4	383.766	31.3	15.3	3.5	24.4	25.7	46.0	20.3	308	197
5	485.993	40.2	17.3	3.8	24.7	36.6	46.0	9.4	372	49
----- Vertical ------										
6	118.567	24.9	12.4	1.6	22.9	16.0	43.5	27.5	217	145
7	650.294	33.4	18.8	4.2	24.5	31.9	46.0	14.1	138	293

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< DSUB MODE _ (1 ~ 6) GHz _ Peak >

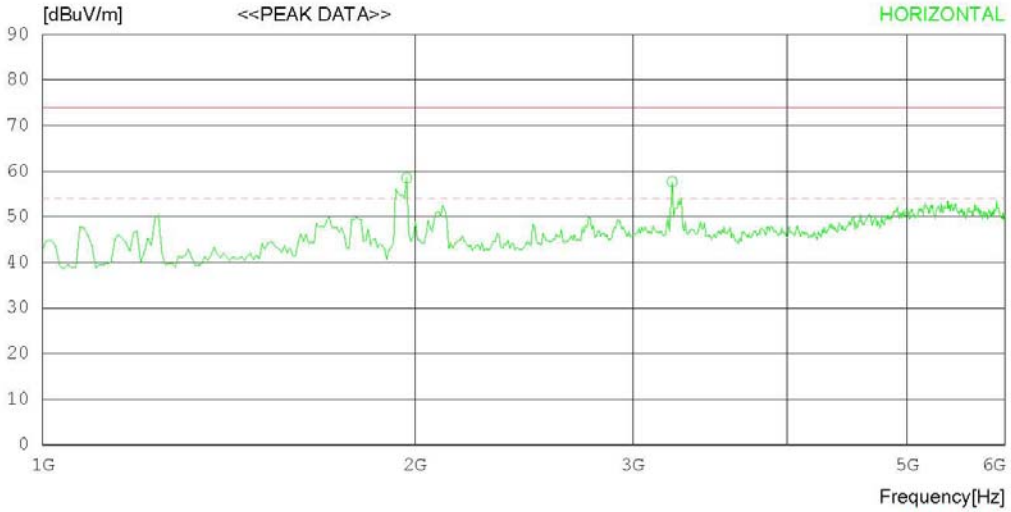
RADIATED EMISSION

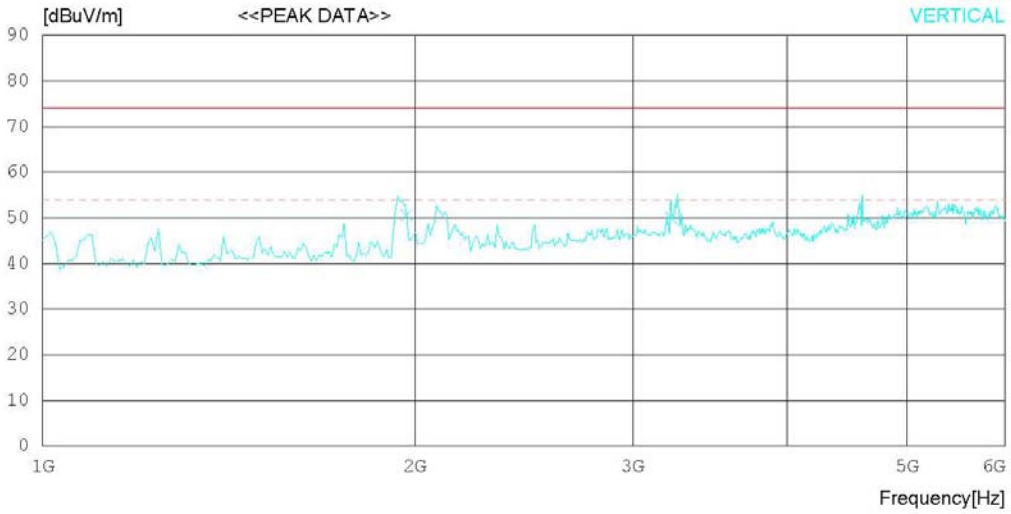
Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H
Test Condition	:	RGB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)





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RADIATED EMISSION

Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H
Test Condition	:	RGB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1969.551	67.2	24.6	8.4	41.7	58.5	74.0	15.5	100	1
2	3227.581	59.5	28.9	11.1	41.8	57.7	74.0	16.3	100	201
----- Vertical ------										
3	1969.551	59.3	24.6	8.4	41.7	50.6	74.0	23.4	100	358
4	3227.581	51.6	28.9	11.1	41.8	49.8	74.0	24.2	100	358

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< DSUB MODE _ (1 ~ 6) GHz _ Average >

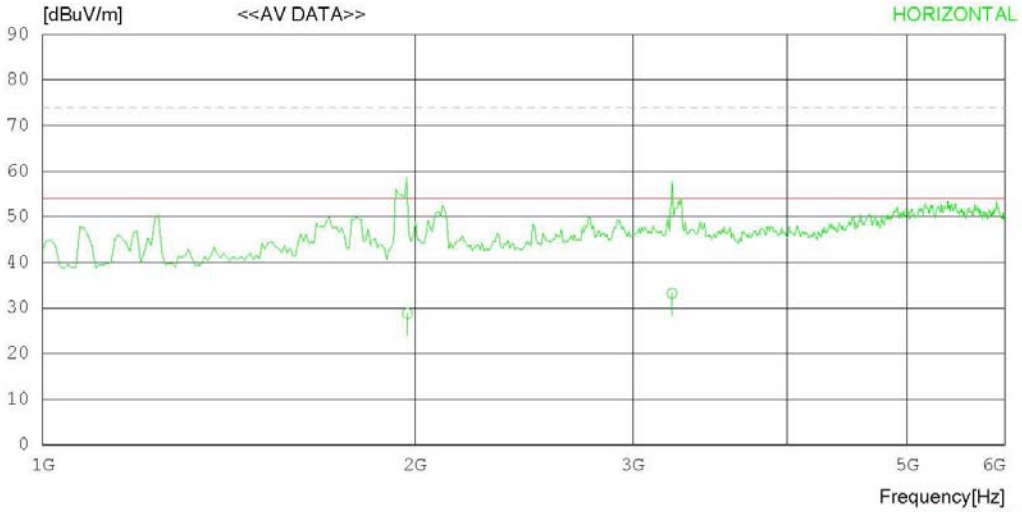
RADIATED EMISSION

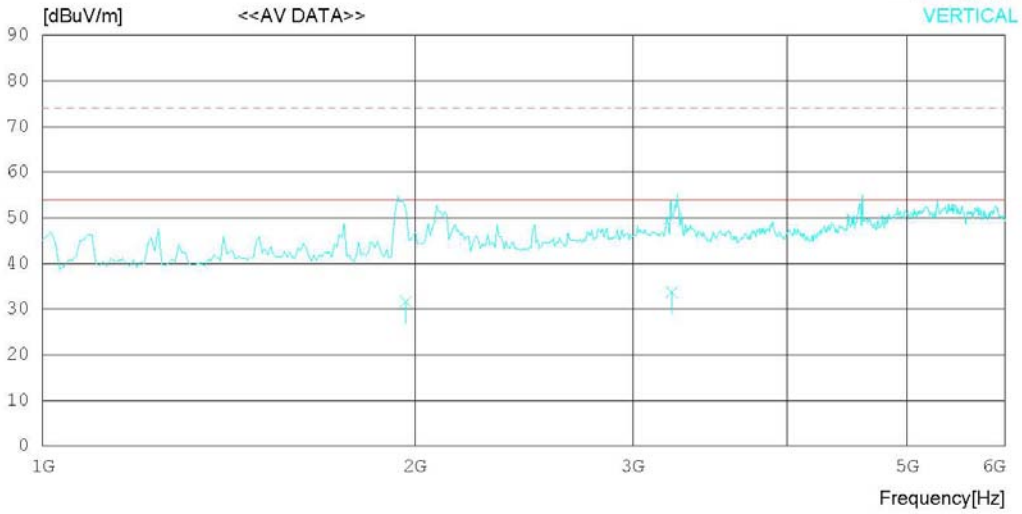
Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H
Test Condition	:	RGB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)





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RADIATED EMISSION

Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H
Test Condition	:	RGB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1972.387	37.5	24.6	8.4	41.7	28.8	54.0	25.2	100	42
2	3226.743	35.1	28.9	11.0	41.8	33.2	54.0	20.8	100	202
----- Vertical ------										
3	1967.108	40.3	24.6	8.4	41.7	31.6	54.0	22.4	100	172
4	3227.990	35.5	28.9	11.1	41.8	33.7	54.0	20.3	100	358

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< USB MODE_30 MHz ~ 1 GHz >

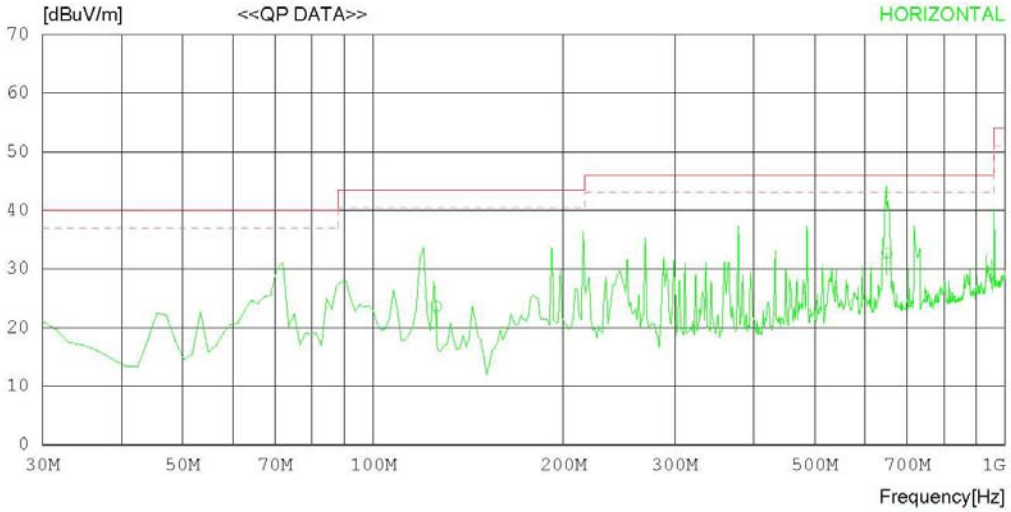
RADIATED EMISSION

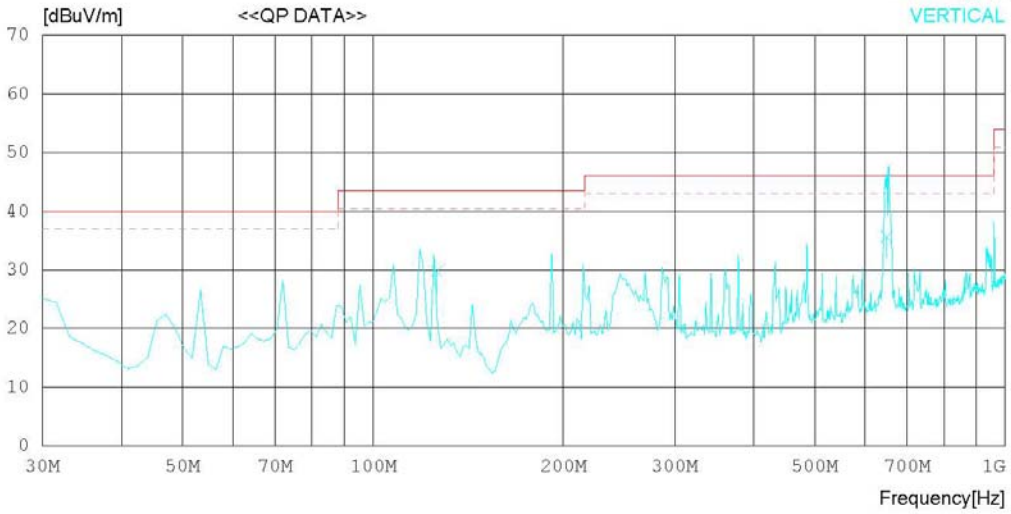
Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:	USB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB





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RADIATED EMISSION

Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:	USB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	126.009	32.8	12.2	1.5	22.9	23.6	43.5	19.9	219	214
2	650.019	34.2	18.8	4.2	24.5	32.7	46.0	13.3	256	330
----- Vertical ------										
3	126.006	39.0	12.2	1.5	22.9	29.8	43.5	13.7	117	262
4	649.394	37.2	18.8	4.2	24.5	35.7	46.0	10.3	242	94

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< USB MODE _ (1 ~ 6) GHz _ Peak >

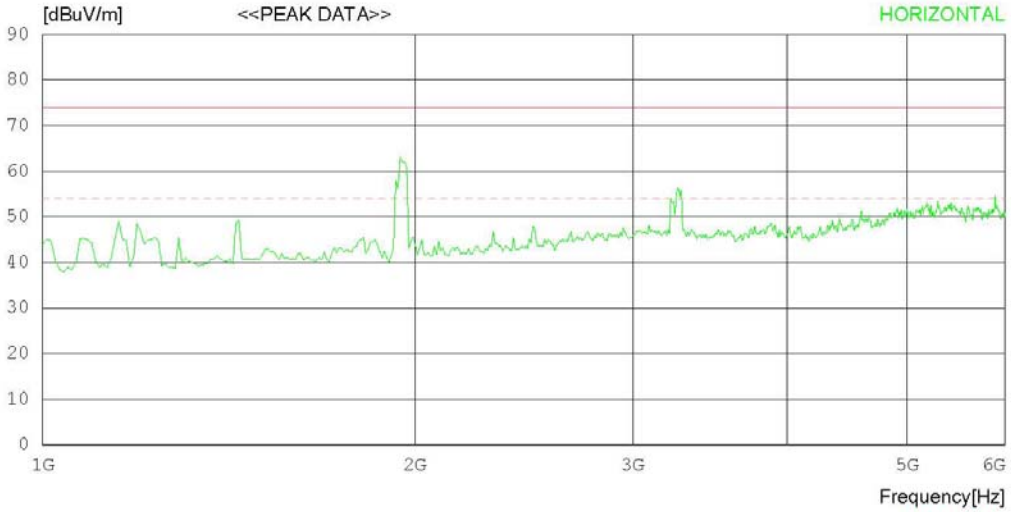
RADIATED EMISSION

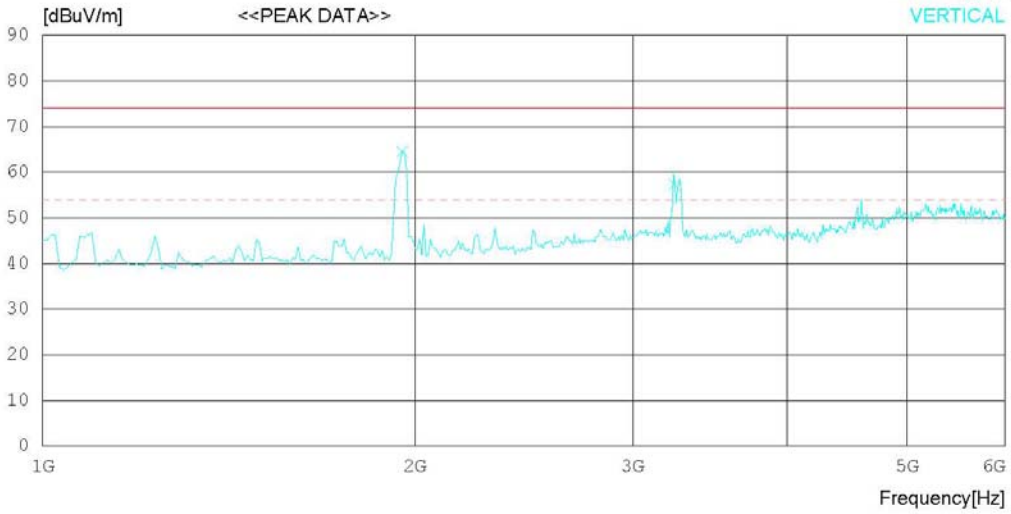
Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H
Test Condition	:	USB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)





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RADIATED EMISSION

Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H
Test Condition	:	USB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	1953.525	73.2	24.6	8.4	41.7	64.5	74.0	9.5	100	1
2	3243.607	59.1	28.9	11.1	41.8	57.3	74.0	16.7	100	152

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< USB MODE _ (1 ~ 6) GHz _ Average >

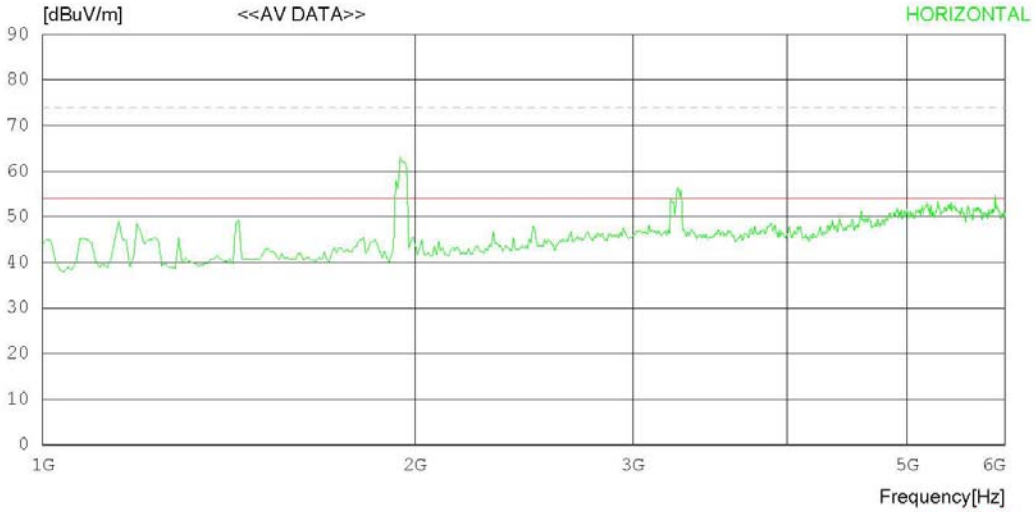
RADIATED EMISSION

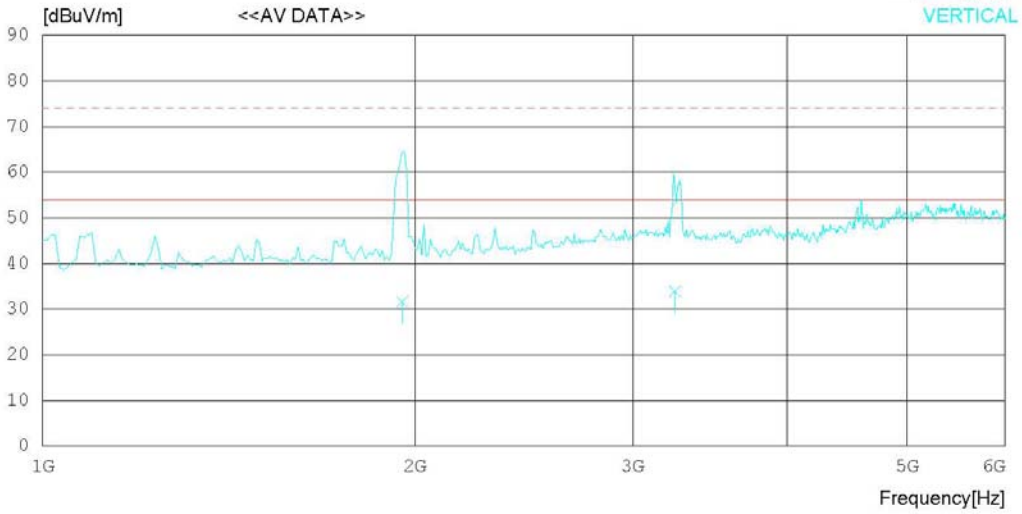
Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H
Test Condition	:	USB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)





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RADIATED EMISSION

Date : 2012-12-21

Model Name	:	26LT673H-UA	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H
Test Condition	:	USB	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	1954.610	40.3	24.6	8.4	41.7	31.6	54.0	22.4	100	267
2	3243.961	35.7	28.9	11.1	41.8	33.9	54.0	20.1	100	78

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Appendix 1

List of Test and Measurement Instruments

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To facilitate inclusion on each page of the test equipment used for related tests, each item of test equipment is identified by the Test Laboratory.

1. Conducted Disturbance

Name of Instrument		Model No.	Manufacturer	Serial No.	Cal. Date	Next Cal. Date
☐	SPECTRUM ANALYZER	8591E	H/P	3649A05889	2012.03.05	2013.03.05
☐	RFI/FIELD INTENSITY METER	KNM-2402	KYORITSU	4N-170-3	2012.07.02	2013.07.02
☐	LISN	KNW-407	KYORITSU	8-317-8	2012.01.09	2013.01.09
☐	LISN	PMM L2-16B	NARDA S.T.S. / PMM	000WX20305	2012.07.25	2013.07.25
☐	50 OHM TERMINATOR	CT-01	TME	N/A	2012.01.09	2013.01.09
☒	EMI TEST RECEIVER	ESCI	ROHDE & SCHWARZ	100364	2012.03.06	2013.03.06
☒	LISN	ESH2-Z5	ROHDE & SCHWARZ	828739/006	2012.09.18	2013.09.18
☒	LISN	LISN1600	TTI	197204	2012.07.02	2013.07.02
☒	50 OHM TERMINATOR	CT-01	TME	N/A	2012.01.09	2013.01.09

2. Radiated Disturbance

Name of Instrument		Model No.	Manufacturer	Serial No.	Cal. Date	Next Cal. Date
☒	EMI TEST RECEIVER	ESU	ROHDE & SCHWARZ	100014	2012.01.09	2013.01.09
☒	BILOG ANTENNA	CBL6112D	SCHAFFNER	22609	2011.12.21	2012.12.21
☒	HORN ANTENNA	BBHA9120D	SCHWARZBECK	9120D-1014	2012.07.20	2013.07.20
☒	AMPLIFIER	8447E	H/P	2945A02865	2012.01.09	2013.01.09
☒	AMPLIFIER	MLA-100M18-B01-25	TSJ	1719458	2012.06.04	2013.06.04
☐	SPECTRUM ANALYZER	E4411B	AGILENT	US41062735	2012.07.11	2013.07.11
☐	AMPLIFIER	8447D	AGILENT	2443A03690	2012.07.01	2013.07.01
☐	BILOG ANTENNA	CBL6112B	SCHAFFNER	2737	2012.03.22	2014.03.22
☐	EMI TEST RECEIVER	ESCI	ROHDE & SCHWARZ	100364	2012.03.06	2013.03.06
☐	BICONICAL ANT.	VHA 9103	SCHWARZBECK	91032789	2012.04.10	2014.04.10
☐	LOG-PERIODIC ANT.	UHALP 9108A	SCHWARZBECK	590	2012.04.10	2014.04.10
☐	BICONICAL ANT.	VHA 9103	SCHWARZBECK	91031946	2012.03.12	2014.03.12
☐	LOG-PERIODIC ANT.	UHALP 9108-A1	SCHWARZBECK	1098	2012.03.12	2014.03.12
☐	AMPLIFIER	MLA-100K01-B01-26	TSJ	1252741	2012.03.05	2013.03.05

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