Compliance Laboratory

FCC PART 15 SUBPART B
Test Report

Applicant:	Shenyang Torch-Bigtide Digital Technology Co.,Ltd.
Address:	No.18-6B,Yaoyang Road,Huishan Economic Development Area,Shenbei New District,Shenyang,China
Product Name:	19″ LCD Monitor
Model Name:	HL1916T
Brand Name:	N/A
FCC ID:	W6519LCHL1916T
Date of Issue:	Jul.04, 2011
Issued by:	Most Technology Service Co., Ltd.
Address:	No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China
Tel:	86-755-86170306
Fax:	86-755-86170310

The report consists 46 pages in total. It may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product endorsement by MOST. The test results in the report only apply to the tested sample. The test report shall be invalid without all the signatures of testing engineers, reviewer and approver.

TABLE OF CONTENTS

1.VERIFICATION OF CONFORMITY

Equipment under test:	19″ LCD Monitor
Brand Name:	N/A
Model Number:	HL1916T
FCC ID:	W6519LCHL1916T
Applicant:	Shenyang Torch-Bigtide Digital Technology Co.,Ltd. No.18-6B,Yaoyang Road,Huishan Economic Development Area,Shenbei New District,Shenyang,China
Manufacturer:	Shenyang Torch-Bigtide Digital Technology Co.,Ltd. No.18-6B,Yaoyang Road,Huishan Economic Development Area,Shenbei New District,Shenyang,China
Technical Standards:	FCC Part 15 Subpart B
File Number:	MOST MTEKEYE1106739
Date of test:	Jun. 22, 2011-Jun.30, 2011
Deviation:	None
Condition of Test Sample:	Normal
Test Result:	PASS

The above equipment was tested by Most for compliance with the requirements set forth in FCC Rules and the Technical Standards mentioned above. This said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment and the level of the immunity endurance of the equipment are within the compliance requirements.

The test results of this report relate only to the tested sample identified in the report.

Test by: _____ (Candy Zhang)

Reviewed by: _____ (Key Wang)

Approved by: _____ (Yvette Zhou)

2. GENERAL INFORMATION

2.1 Product Information

Motherboard BP011AX2140

Chip GM5621

NOTE: Please refer to the photographs of the EUT. For more detailed features description about the EUT, please refer to User's Manual.

2.2. Objective

The objective of the report is to perform tests according to FCC Part 15 Subpart B for the EUT FCC ID Certification:

NO.	Identity	Document Title
1	FCC PART15 Subpart B	Class B personal computers and peripherals.....

2.3 Test standards And Results

Test items and the results are as bellow:

NO.	Section	Description	Result	Date of test
1	15.107	Conducted	Pass	2011-06-22
2	15.109	Radiated emission	Pass	2011-06-30

2.4 Measurement Uncertainty

No.	Item	Uncertainty
1.	Uncertainty for Conducted Disturbance Test	2.75dB
2.	Uncertainty for Radiated Disturbance Test	3.15dB

2.5 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

- Temperature: 15-35 ℃
- Humidity: 30-60%
- Atmospheric pressure: 86-106kPa

3. TEST FACILITY

3.1 Test Facility

Test Site:	Most Technology Service Co., Ltd
Location:	No.5, Nangshan 2nd Rd., North Hi-tech Industrial Park, Shenzhen, Guangdong, China.
Description:	There is one 3m semi-anechoic an area test sites and two line conducted labs for final test. The Open Area Test sites and the line Conducted labs are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4-2003and CISPR 16 requirements. The FCC Registration Number is 490827
Site Filing:	The site description is on file with the Federal Communications Commission ,7435 Oakland Mills Road, Columbia , MD 21046
Instrument Tolerance:	All measuring equipment is in accord with ANSI C63.4 and CISPR 16 requirements that Meet industry regulatory agency and accreditation agency requirement.
Ground Plane:	Two conductive reference ground planes were used during the Line Conducted emission, One in vertical and the other in horizontal. The dimensions of these ground planes are as below. The vertical ground plane was placed distancing 40cm to the rear of the wooden test table on where the EUT and the support equipment were placed during test. The horizontal ground plane projected 50 cm beyond the footprint of the EUT system and distanced 80 cm to the wooden test table. For Radiated Emission Test, one horizontal conductive ground plane extended at least 1m beyond the periphery of the EUT and the largest measuring antenna, and covered the entire area between the EUT and the antenna .It has no holes or gaps having longitudinal dimensions larger than one-tenth of a wavelength at the highest frequency of measurement up to 1GHz.

3.2 General Test Procedures

Test mode:	The following data show only with the worst case setup
Conducted Emissions:	The EUT is placed on the test table, which is 0.8 m above ground plane. According to the requirements Section 13.1.4.1 of ANSI C63.4. Conducted emissions from the EUT measured in the frequency range between 0.15MHz and 30MHz using CISPR Quasi-peak and average detector modes.
Radiated Emissions:	The EUT is placed on a turntable, which is 0.8m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which Varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by Changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum Emissions, exploratory radiated emission measurements were made according to the requirements in section 13.1.4.1 of ANSI C63.4.
Setting :	9KHZ~150KHZ RBW 200HZ VBW1KHZ 150KHZ~30MHZ RBW 9KHZ VBW 30KHZ 30MHZ~1GHZ RBW 120KHZ VBW 300KHZ Above 1GHZ RBW 1MHZ VBW 3MHZ

4. SETUP OF EQUIPMENT UNDER TEST

4.1 Support Equipment

Description	Manufacturer	Model	Serial number
Computer	Dell	DCSM	5P3842X
Mouse	Dell	D PPID	MS111-L
Keyboard	Dell	L100	U01C
USB flash drive	kingston	DT101 G2	5276930
VGA cable	Lenovo	shield	140cm
DVI cable	Lenovo	shield	140cm

4.2 Test Equipment List

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	ROHDE&SCHWARZ	ESCI	100492	Mar. 06, 2011	1 Year
LISN	ROHDE&SCHWARZ	ENV216	100093	Mar. 06, 2011	1Year
EMI Test Receiver	ROHDE&SCHWARZ	ESPI	101202	Mar. 06, 2011	1 Year
Spectrum Analyzer	ANRITSU	MS2651B	6200238316	Mar. 06, 2011	1 Year
50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200283933	Mar. 06, 2011	1 Year
Bilog Antenna	Sunol	JB3	A121206	Mar. 06, 2011	1 Year
Horn Antenna	EMCO	3115	640201028-06	Mar. 06, 2011	1 Year
50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200283933	Mar. 06, 2011	1 Year
Cable	Resenberger	N/A	NO.1	Mar. 06, 2011	1 Year
Cable	SCHWARZBECK	N/A	NO.2	Mar. 06, 2011	1 Year
Cable	SCHWARZBECK	N/A	NO.3	Mar. 06, 2011	1 Year
DC Power Filter	Duoji	DL2X30B	N/A	Mar. 06, 2011	1 Year
Single phase power Line filter	Duoji	FNF 202B30	N/A	Mar. 06, 2011	1 Year
3 phase power line filter	Duoji	FNF 402B30	N/A	Mar. 06, 2011	1 Year
Impedance matching Pad	Rohde&schwarz	SCA-Comp	N/A	Mar. 06, 2011	1 Year
Coaxial switch	Anritsu Corp	MP59B	6200283933	Mar. 06, 2011	1 Year
AC power soure	KIKUSUI	AC40MA	LM003232	Mar. 06, 2011	1 Year
AMN	Rohde&schwarz	ESH3-Z5	100229	Mar. 06, 2011	1 Year
Spectrum analyzer	Agilent	E4408B	MY41440460	Mar. 06, 2011	1 Year
ATV generator	Philips	PM5418 TNS	609114	Mar. 13.2011	1 Year
DTV generator	Teleview	DTA110T	4110576337	Mar. 13.2011	1 Year

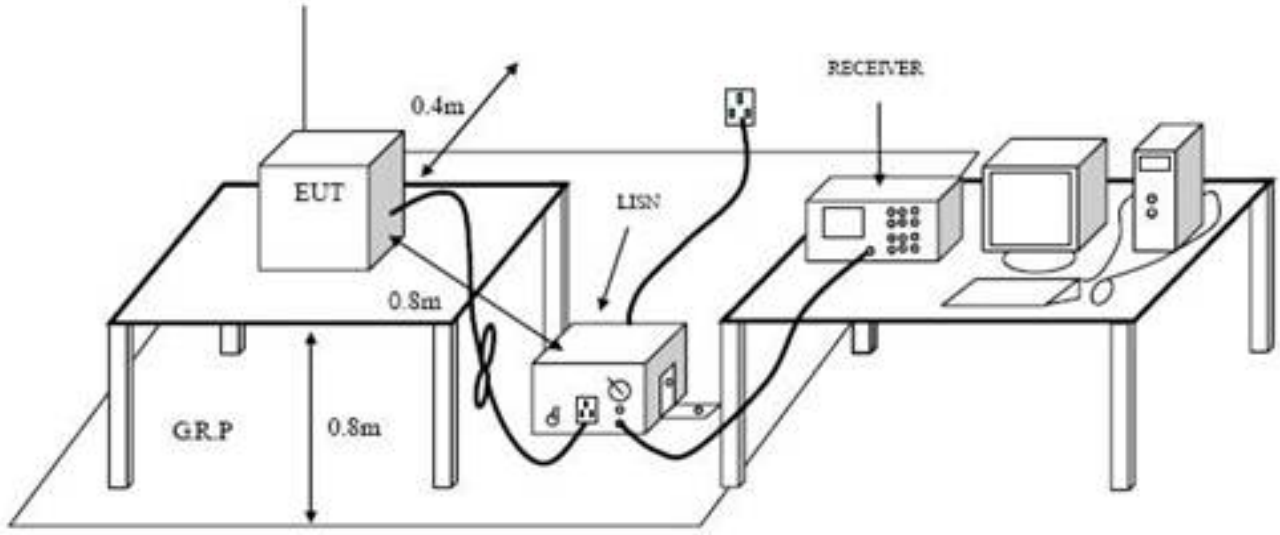
5. TEST REQUIREMENTS

5.1 Limits Of Line Conducted Emission Test

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

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

5.2 Block Diagram Of Test Setup



5.3 Preliminary Procedure Of Line Conducted Emission Test

1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual.When the EUT is a tabletop system,a wooden table with a height 0.8 meters is used and is placed on the ground plane as per FCC 15(see Test Facility for the dimensions of the ground plane noo-conductive covering to insulate the EUT from the ground plane.
2) Support equipment,if needed,was placed as per FCC Part 15.
3) All I/O Cables were positioned to simulate typical actual usage as per FCC Part 15.
4) The EUT received AC120V/60Hz power through a Line Impedance Stabilization network(LISN)which supplied power source and was grounded to the ground plane.
5) All support equipments received power from a second LISN supplying power of AC 120V/60Hz, if any.
6) The EUT Test program was started.Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer /Receiver connected to the LISN powering the EUT.The LISN hsa two monitoring points:Line1(Hot side)and Line 2(Neutral Side).Two scans were taken:one with Line 1connected to Analyzer/Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer/Receiver.
7) Analyzer /Receiver scanned form 150kHz to 30MHz for emissions in each of the test modes.8) During the above scans,the emissions were maximized by cable manipulation.

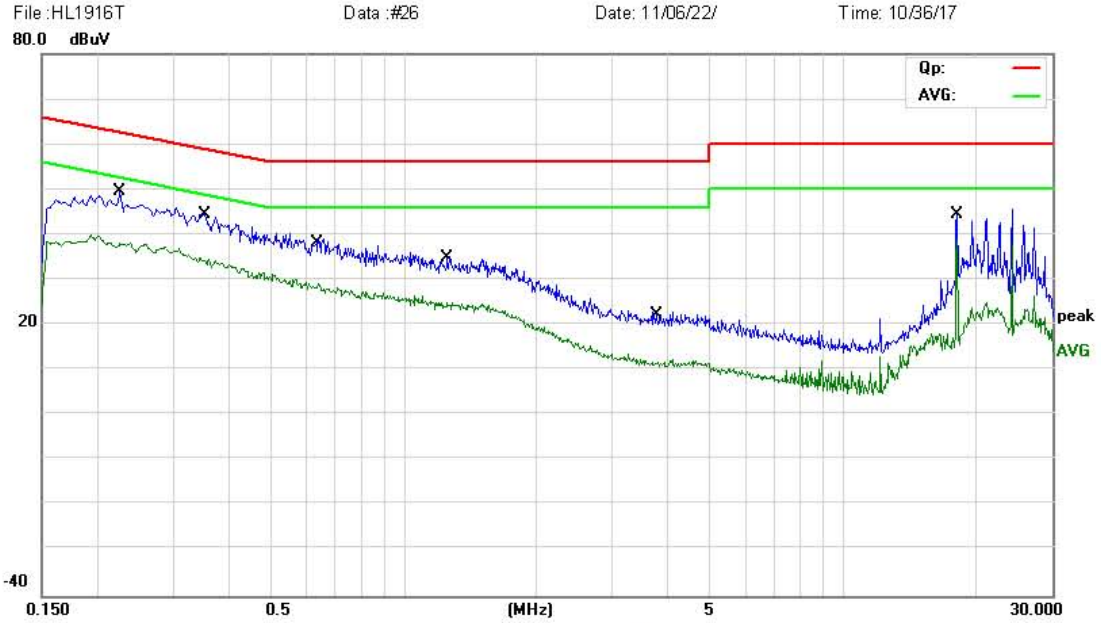
Preliminary Conducted Emission Test			
Frequency Range Investigated		150KHz to 30MHz	
Mode of operation	Details	Phase	Date#
VGA Display	800*600	L/N	**Page 9- Page 14**
	1024*768	L/N	
	1280*1024	L/N	
DVI Display	800*600	L/N	**Page 15-Page 20**
	1024*768	L/N	
	1280*1024	L/N	

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing

5.4 Test Result Of Line Conducted Emission Test

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Conducted Emission Measurement



Site site #1
Limit: FCC Part15 B Class B QP
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:800*600 60Hz

Phase: N
Power: AC 120V/60Hz

Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2260	37.73	11.83	49.56	62.60	-13.04	QP	
2		0.2260	26.20	11.83	38.03	52.60	-14.57	AVG	
3		0.3540	33.36	10.97	44.33	58.87	-14.54	QP	
4		0.3540	23.28	10.97	34.25	48.87	-14.62	AVG	
5		0.6260	27.94	10.00	37.94	56.00	-18.06	QP	
6		0.6260	18.49	10.00	28.49	46.00	-17.51	AVG	
7		1.2380	23.32	9.76	33.08	56.00	-22.92	QP	
8		1.2380	14.15	9.76	23.91	46.00	-22.09	AVG	
9		3.7580	9.60	10.76	20.36	56.00	-35.64	QP	
10		3.7580	0.63	10.76	11.39	46.00	-34.61	AVG	
11		18.2340	35.31	9.00	44.31	60.00	-15.69	QP	
12	*	18.2340	29.76	9.00	38.76	50.00	-11.24	AVG	

*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

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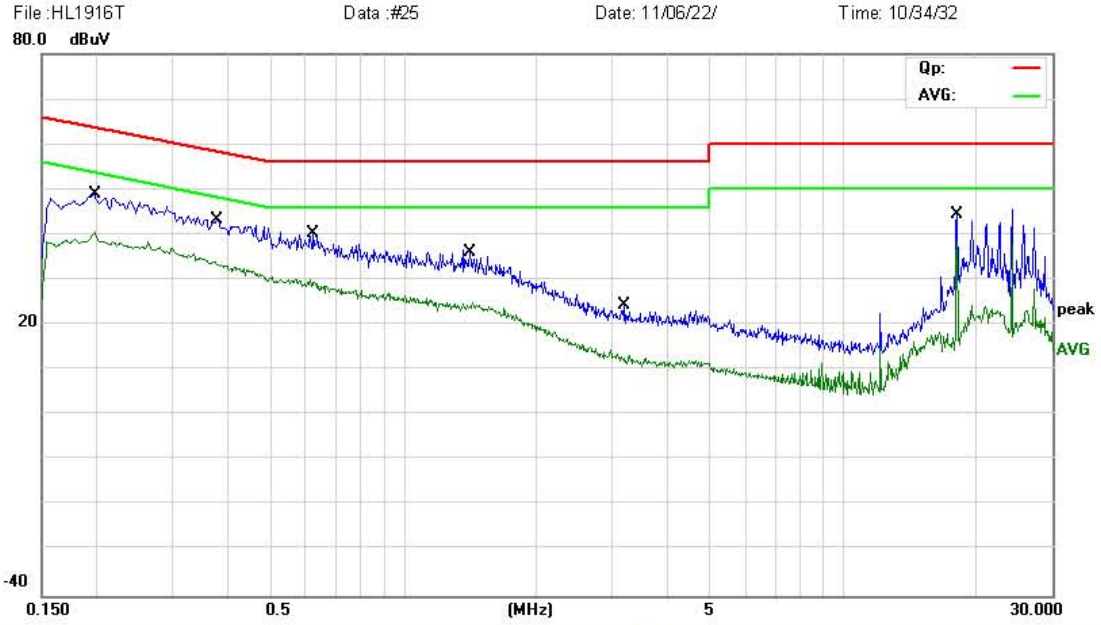
Conducted Emission Measurement



Site site #1
Limit: FCC Part15 B Class B QP
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:800*600 60Hz

Phase: L1
Power: AC 120V/60Hz

Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1985	36.47	11.91	48.38	63.67	-15.29	QP	
2		0.1985	28.42	11.91	40.33	53.67	-13.34	AVG	
3		0.3780	32.48	10.81	43.29	58.32	-15.03	QP	
4		0.3780	22.43	10.81	33.24	48.32	-15.08	AVG	
5		0.6260	30.30	10.00	40.30	56.00	-15.70	QP	
6		0.6260	19.46	10.00	29.46	46.00	-16.54	AVG	
7		1.4140	26.44	9.59	36.03	56.00	-19.97	QP	
8		1.4140	14.49	9.59	24.08	46.00	-21.92	AVG	
9		3.2060	14.07	10.21	24.28	56.00	-31.72	QP	
10		3.2060	2.49	10.21	12.70	46.00	-33.30	AVG	
11		18.2340	35.46	9.00	44.46	60.00	-15.54	QP	
12	*	18.2340	29.53	9.00	38.53	50.00	-11.47	AVG	

*:Maximum data x:Over limit !:over margin

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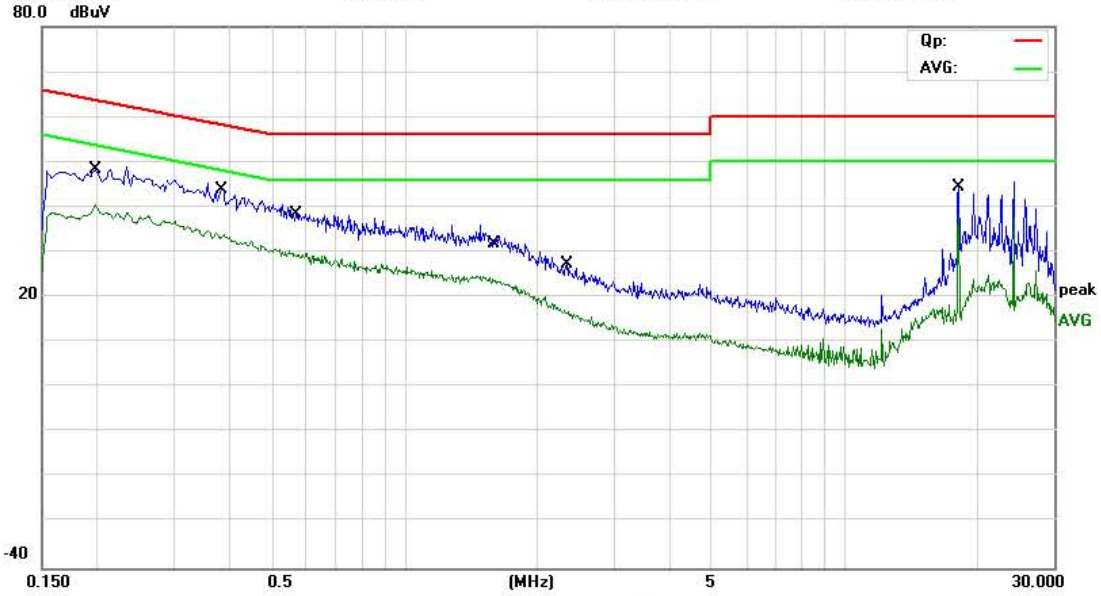
Conducted Emission Measurement

File :HL1916T Data :#24 Date: 11/06/22/ Time: 10/32/18



Site site #1 Phase: L1 Temperature: 26
Limit: FCC Part15 B Class B QP Power: AC 120V/60Hz Humidity: 60 %
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:1024*768 75Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1996	35.74	11.98	47.72	63.63	-15.91	QP	
2		0.1996	27.94	11.98	39.92	53.63	-13.71	AVG	
3		0.3860	33.13	10.76	43.89	58.15	-14.26	QP	
4		0.3860	22.63	10.76	33.39	48.15	-14.76	AVG	
5		0.5700	28.53	10.00	38.53	56.00	-17.47	QP	
6		0.5700	19.16	10.00	29.16	46.00	-16.84	AVG	
7		1.5700	22.45	9.43	31.88	56.00	-24.12	QP	
8		1.5700	13.75	9.43	23.18	46.00	-22.82	AVG	
9		2.3340	17.36	9.33	26.69	56.00	-29.31	QP	
10		2.3340	7.33	9.33	16.66	46.00	-29.34	AVG	
11		18.2340	35.40	9.00	44.40	60.00	-15.60	QP	
12	*	18.2340	29.29	9.00	38.29	50.00	-11.71	AVG	

*:Maximum data x:Over limit !:over margin

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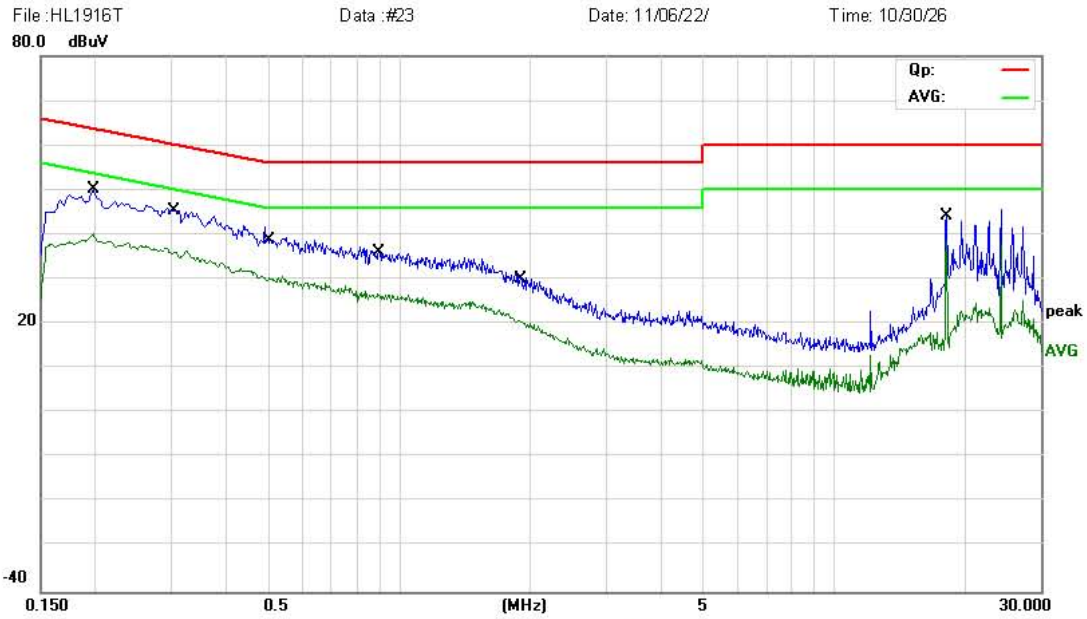
Conducted Emission Measurement



Site site #1
Limit: FCC Part15 B Class B QP
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:1024*768 75Hz

Phase: L1
Power: AC 120V/60Hz

Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1965	37.76	11.79	49.55	63.76	-14.21	QP	
2		0.1965	28.04	11.79	39.83	53.76	-13.93	AVG	
3		0.3060	34.17	11.29	45.46	60.08	-14.62	QP	
4		0.3060	24.59	11.29	35.88	50.08	-14.20	AVG	
5		0.5060	28.09	10.00	38.09	56.00	-17.91	QP	
6		0.5060	20.25	10.00	30.25	46.00	-15.75	AVG	
7		0.8980	25.60	10.00	35.60	56.00	-20.40	QP	
8		0.8980	16.60	10.00	26.60	46.00	-19.40	AVG	
9		1.9220	19.78	9.08	28.86	56.00	-27.14	QP	
10		1.9220	11.39	9.08	20.47	46.00	-25.53	AVG	
11		18.2340	35.09	9.00	44.09	60.00	-15.91	QP	
12	*	18.2340	29.41	9.00	38.41	50.00	-11.59	AVG	

*:Maximum data x:Over limit !:over margin

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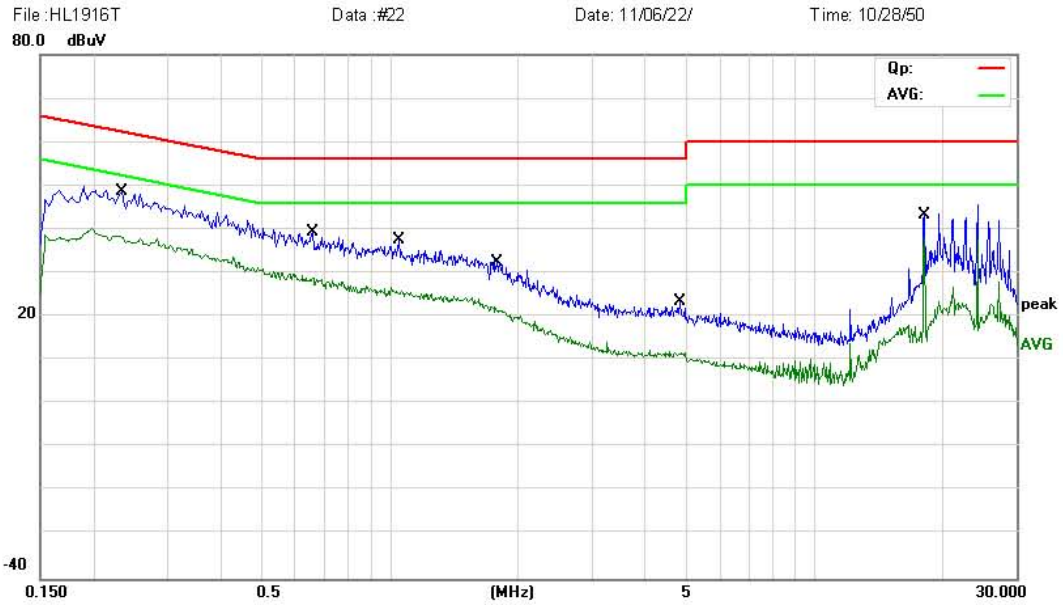
Conducted Emission Measurement



Site site #1
Limit: FCC Part15 B Class B QP
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:1280*1024 75Hz

Phase: L1
Power: AC 120V/60Hz

Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2316	36.49	11.79	48.28	62.39	-14.11	QP	
2		0.2316	26.54	11.79	38.33	52.39	-14.06	AVG	
3		0.6542	28.61	10.00	38.61	56.00	-17.39	QP	
4		0.6542	18.37	10.00	28.37	46.00	-17.63	AVG	
5		1.0540	27.51	9.95	37.46	56.00	-18.54	QP	
6		1.0540	15.45	9.95	25.40	46.00	-20.60	AVG	
7		1.7900	23.19	9.21	32.40	56.00	-23.60	QP	
8		1.7900	12.25	9.21	21.46	46.00	-24.54	AVG	
9		4.8340	11.62	11.83	23.45	56.00	-32.55	QP	
10		4.8340	-0.24	11.83	11.59	46.00	-34.41	AVG	
11		18.2340	34.33	9.00	43.33	60.00	-16.67	QP	
12	*	18.2340	29.27	9.00	38.27	50.00	-11.73	AVG	

*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

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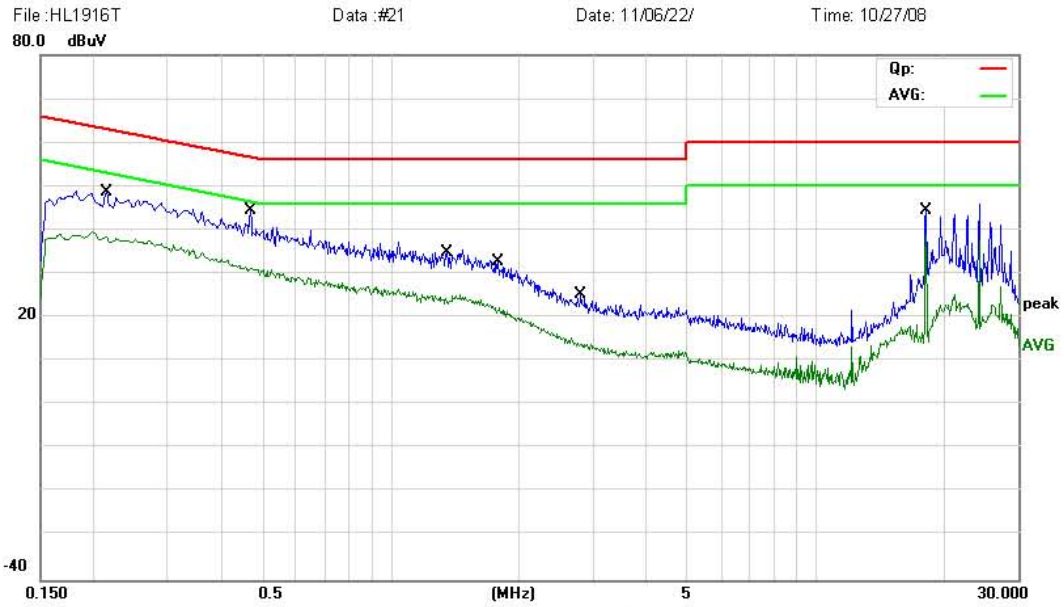
Conducted Emission Measurement



Site site #1
Limit: FCC Part15 B Class B QP
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:1280*1024 75Hz

Phase: N
Power: AC 120V/60Hz

Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2127	36.01	11.92	47.93	63.10	-15.17	QP	
2		0.2127	26.41	11.92	38.33	53.10	-14.77	AVG	
3		0.4700	34.26	10.20	44.46	56.51	-12.05	QP	
4		0.4700	21.17	10.20	31.37	46.51	-15.14	AVG	
5		1.3380	22.24	9.66	31.90	56.00	-24.10	QP	
6		1.3380	13.59	9.66	23.25	46.00	-22.75	AVG	
7		1.7780	22.32	9.22	31.54	56.00	-24.46	QP	
8		1.7780	11.91	9.22	21.13	46.00	-24.87	AVG	
9		2.8100	15.43	9.81	25.24	56.00	-30.76	QP	
10		2.8100	4.19	9.81	14.00	46.00	-32.00	AVG	
11		18.2340	35.42	9.00	44.42	60.00	-15.58	QP	
12	*	18.2340	29.86	9.00	38.86	50.00	-11.14	AVG	

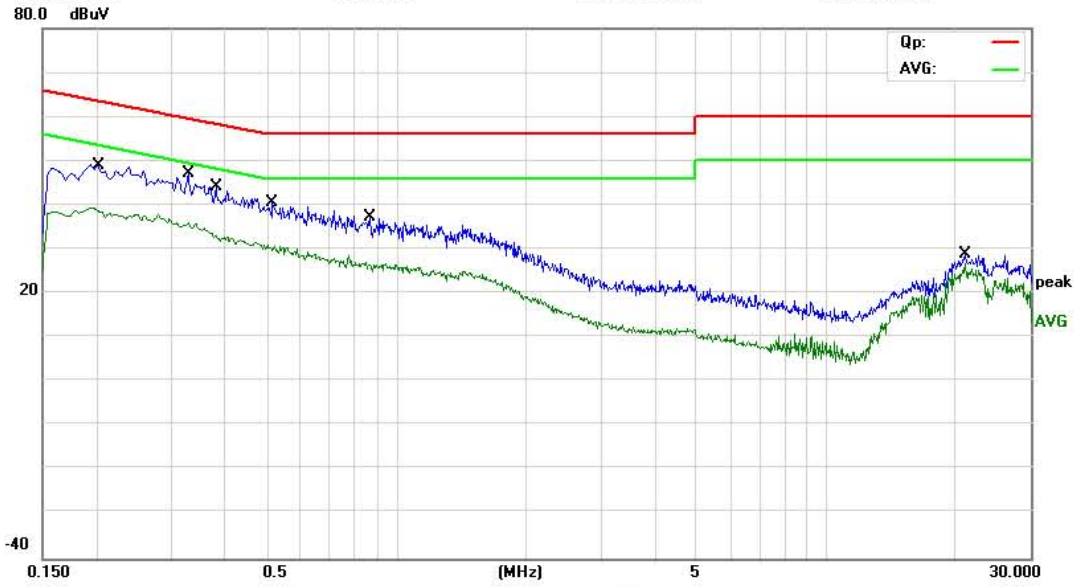
*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Conducted Emission Measurement

File :HL1916T Data :#20 Date: 11/06/22/ Time: 10/22/39



Site site #1 Phase: N Temperature: 26
Limit: FCC Part15 B Class B QP Power: AC 120V/60Hz Humidity: 60 %
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:1280*1024 75Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1996	36.62	11.98	48.60	63.63	-15.03	QP	
2		0.1996	27.07	11.98	39.05	53.63	-14.58	AVG	
3	*	0.3267	34.71	11.16	45.87	59.53	-13.66	QP	
4		0.3267	24.48	11.16	35.64	49.53	-13.89	AVG	
5		0.3831	31.97	10.78	42.75	58.21	-15.46	QP	
6		0.3831	22.16	10.78	32.94	48.21	-15.27	AVG	
7		0.5180	30.67	10.00	40.67	56.00	-15.33	QP	
8		0.5180	19.89	10.00	29.89	46.00	-16.11	AVG	
9		0.8660	25.47	10.00	35.47	56.00	-20.53	QP	
10		0.8660	16.53	10.00	26.53	46.00	-19.47	AVG	
11		21.1500	19.89	9.00	28.89	60.00	-31.11	QP	
12		21.1500	17.61	9.00	26.61	50.00	-23.39	AVG	

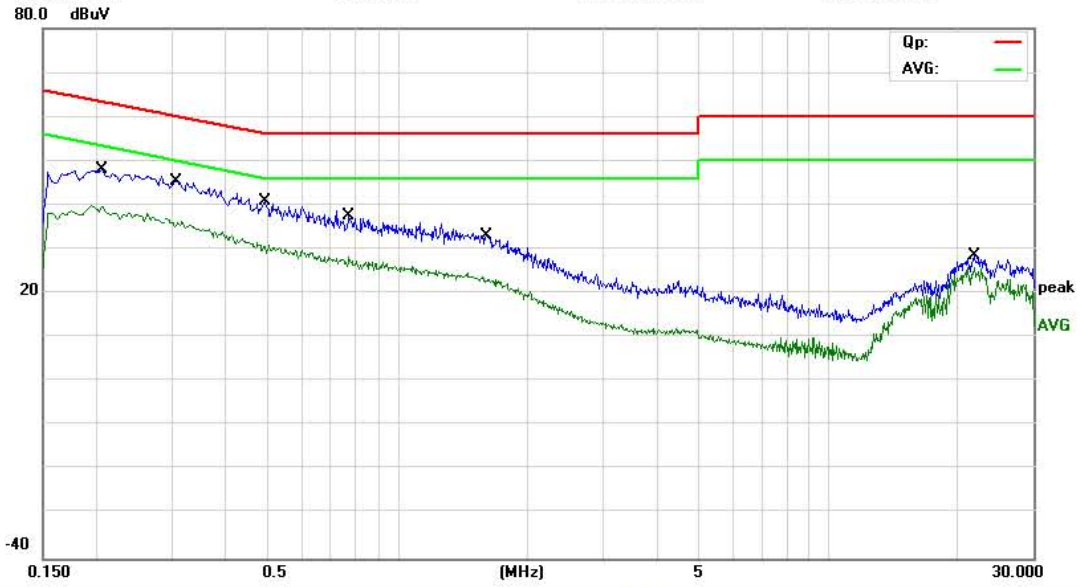
*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Conducted Emission Measurement

File :HL1916T Data :#19 Date: 11/06/22/ Time: 10/20/54



Site site #1
Limit: FCC Part15 B Class B QP
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:1280*1024 75Hz

Phase: L1
Power: AC 120V/60Hz

Temperature: 26
Humidity: 60 %

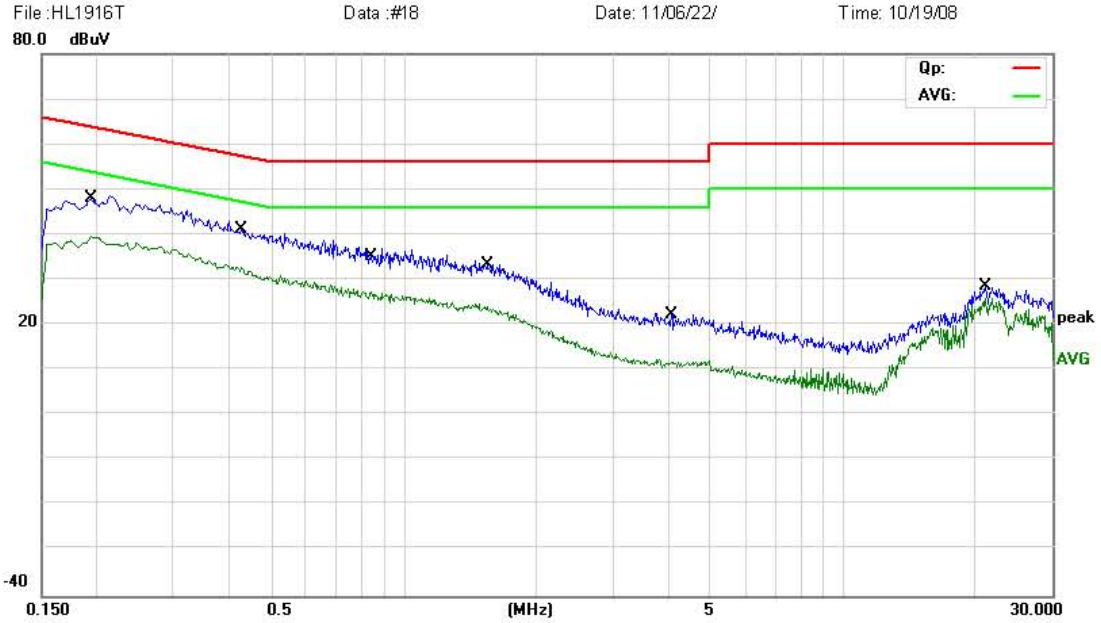
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2060	36.17	11.96	48.13	63.37	-15.24	QP	
2	*	0.2060	27.71	11.96	39.67	53.37	-13.70	AVG	
3		0.3066	34.19	11.29	45.48	60.06	-14.58	QP	
4		0.3066	24.03	11.29	35.32	50.06	-14.74	AVG	
5		0.4940	30.39	10.04	40.43	56.10	-15.67	QP	
6		0.4940	20.60	10.04	30.64	46.10	-15.46	AVG	
7		0.7740	27.68	10.00	37.68	56.00	-18.32	QP	
8		0.7740	18.36	10.00	28.36	46.00	-17.64	AVG	
9		1.6100	23.52	9.39	32.91	56.00	-23.09	QP	
10		1.6100	13.53	9.39	22.92	46.00	-23.08	AVG	
11		21.9500	18.84	9.00	27.84	60.00	-32.16	QP	
12		21.9500	16.77	9.00	25.77	50.00	-24.23	AVG	

*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Conducted Emission Measurement



Site site #1
Limit: FCC Part15 B Class B QP
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:1024*768 75Hz

Phase: L1
Power: AC 120V/60Hz

Temperature: 26
Humidity: 60 %

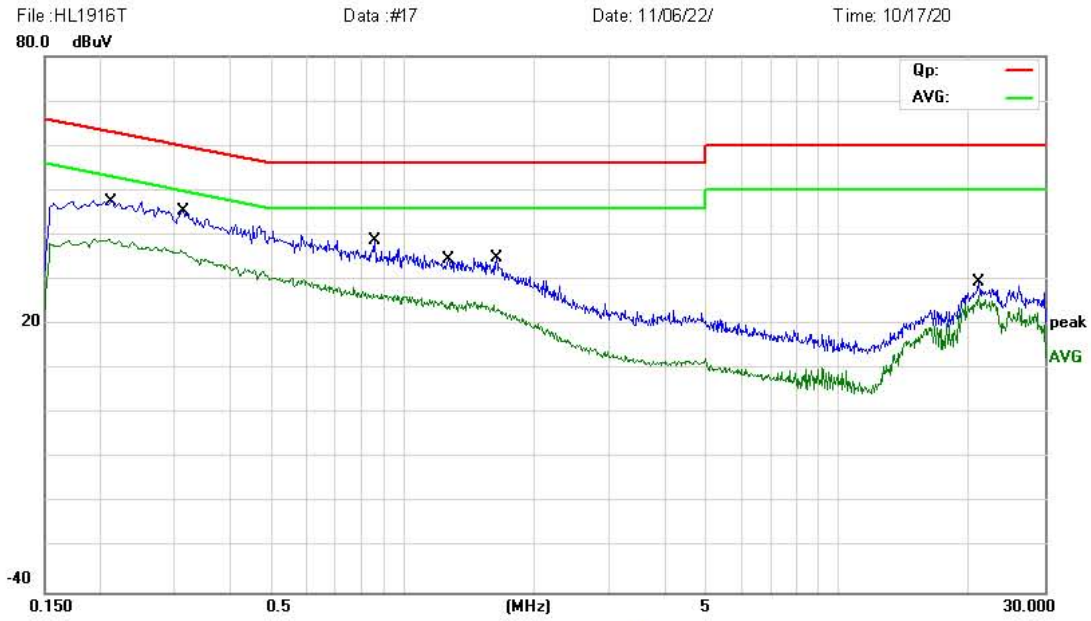
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1923	36.14	11.54	47.68	63.94	-16.26	QP	
2		0.1923	27.54	11.54	39.08	53.94	-14.86	AVG	
3		0.4300	30.80	10.47	41.27	57.25	-15.98	QP	
4	*	0.4300	22.17	10.47	32.64	47.25	-14.61	AVG	
5		0.8500	23.88	10.00	33.88	56.00	-22.12	QP	
6		0.8500	16.39	10.00	26.39	46.00	-19.61	AVG	
7		1.5340	23.90	9.47	33.37	56.00	-22.63	QP	
8		1.5340	14.71	9.47	24.18	46.00	-21.82	AVG	
9		4.0820	11.25	11.08	22.33	56.00	-33.67	QP	
10		4.0820	0.78	11.08	11.86	46.00	-34.14	AVG	
11		21.1500	19.41	9.00	28.41	60.00	-31.59	QP	
12		21.1500	16.70	9.00	25.70	50.00	-24.30	AVG	

*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

Compliance Laboratory
Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Conducted Emission Measurement



Site site #1
Limit: FCC Part15 B Class B QP
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:1024*768 75Hz

Phase: N
Power: AC 120V/60Hz

Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2100	34.93	11.93	46.86	63.21	-16.35	QP	
2		0.2100	27.15	11.93	39.08	53.21	-14.13	AVG	
3		0.3115	34.03	11.26	45.29	59.93	-14.64	QP	
4	*	0.3115	25.16	11.26	36.42	49.93	-13.51	AVG	
5		0.8660	28.68	10.00	38.68	56.00	-17.32	QP	
6		0.8660	16.20	10.00	26.20	46.00	-19.80	AVG	
7		1.2740	24.87	9.73	34.60	56.00	-21.40	QP	
8		1.2740	14.15	9.73	23.88	46.00	-22.12	AVG	
9		1.6380	25.56	9.36	34.92	56.00	-21.08	QP	
10		1.6380	13.74	9.36	23.10	46.00	-22.90	AVG	
11		21.1500	20.52	9.00	29.52	60.00	-30.48	QP	
12		21.1500	17.59	9.00	26.59	50.00	-23.41	AVG	

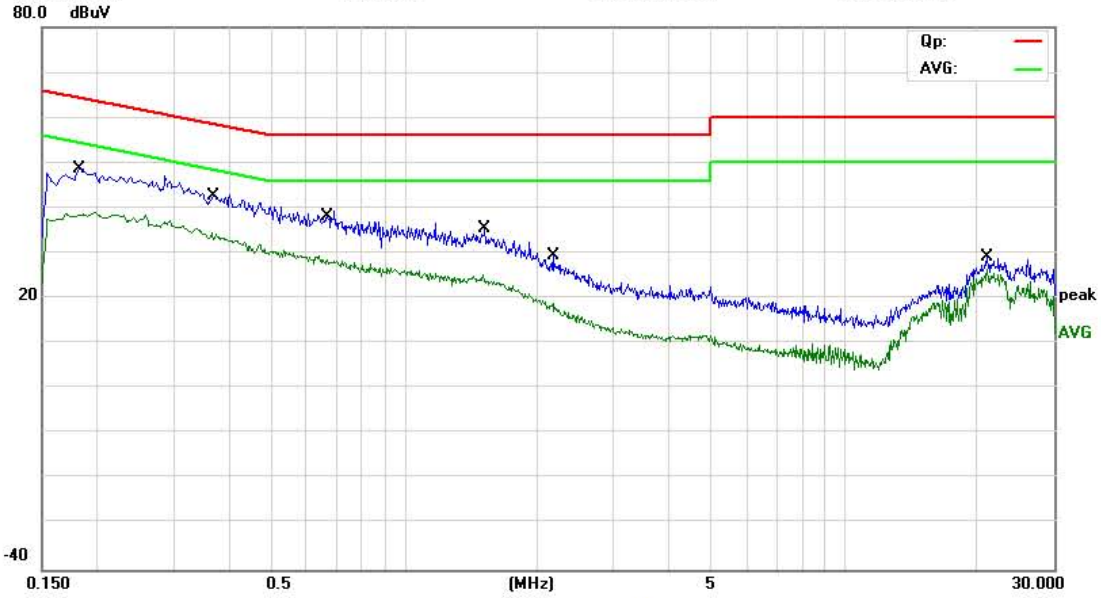
*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Conducted Emission Measurement

File :HL1916T Data :#16 Date: 11/06/22/ Time: 10/15/28



Site site #1 Phase: N Temperature: 26
Limit: FCC Part15 B Class B QP Power: AC 120V/60Hz Humidity: 60 %
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:800*600 60Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1833	37.59	11.00	48.59	64.33	-15.74	QP	
2		0.1833	27.47	11.00	38.47	54.33	-15.86	AVG	
3		0.3700	31.93	10.87	42.80	58.50	-15.70	QP	
4	*	0.3700	22.24	10.87	33.11	48.50	-15.39	AVG	
5		0.6740	27.60	10.00	37.60	56.00	-18.40	QP	
6		0.6740	17.56	10.00	27.56	46.00	-18.44	AVG	
7		1.5220	26.09	9.48	35.57	56.00	-20.43	QP	
8		1.5220	14.73	9.48	24.21	46.00	-21.79	AVG	
9		2.1860	17.06	9.19	26.25	56.00	-29.75	QP	
10		2.1860	7.86	9.19	17.05	46.00	-28.95	AVG	
11		21.1500	20.13	9.00	29.13	60.00	-30.87	QP	
12		21.1500	17.46	9.00	26.46	50.00	-23.54	AVG	

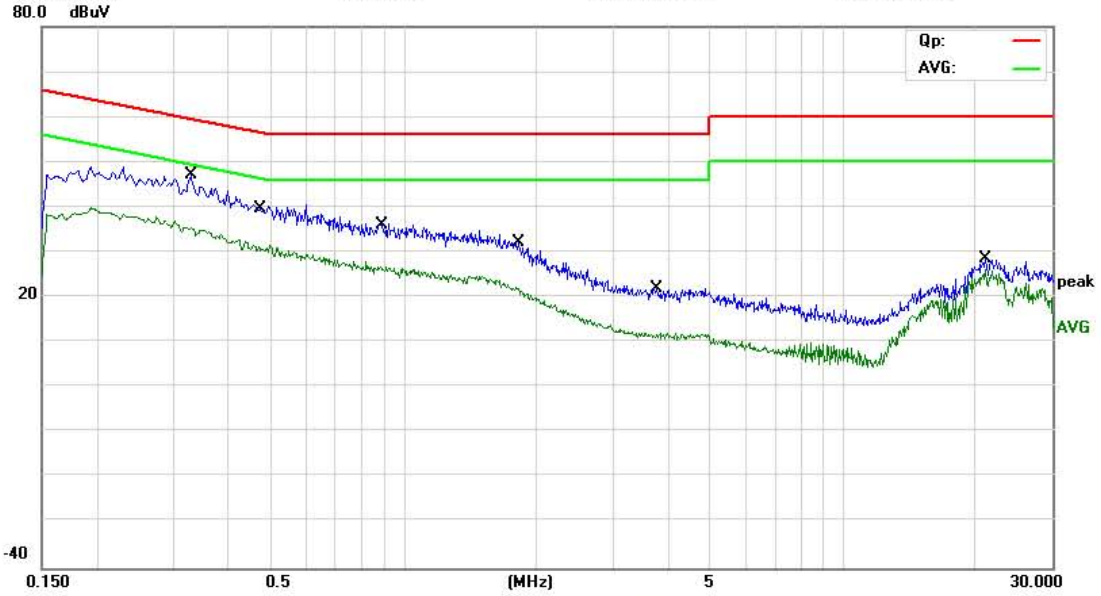
*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

Compliance Laboratory
Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Conducted Emission Measurement

File :HL1916T Data :#15 Date: 11/06/22/ Time: 10/12/45



Site site #1 Phase: L1 Temperature: 26
Limit: FCC Part15 B Class B QP Power: AC 120V/60Hz Humidity: 60 %
EUT: 19'LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:800*600 60Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.3267	35.16	11.16	46.32	59.53	-13.21	QP	
2		0.3267	24.12	11.16	35.28	49.53	-14.25	AVG	
3		0.4786	28.83	10.14	38.97	56.36	-17.39	QP	
4		0.4786	20.45	10.14	30.59	46.36	-15.77	AVG	
5		0.8980	26.10	10.00	36.10	56.00	-19.90	QP	
6		0.8980	16.19	10.00	26.19	46.00	-19.81	AVG	
7		1.8180	21.61	9.18	30.79	56.00	-25.21	QP	
8		1.8180	12.71	9.18	21.89	46.00	-24.11	AVG	
9		3.7140	10.10	10.71	20.81	56.00	-35.19	QP	
10		3.7140	0.55	10.71	11.26	46.00	-34.74	AVG	
11		21.1500	19.57	9.00	28.57	60.00	-31.43	QP	
12		21.1500	17.18	9.00	26.18	50.00	-23.82	AVG	

*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

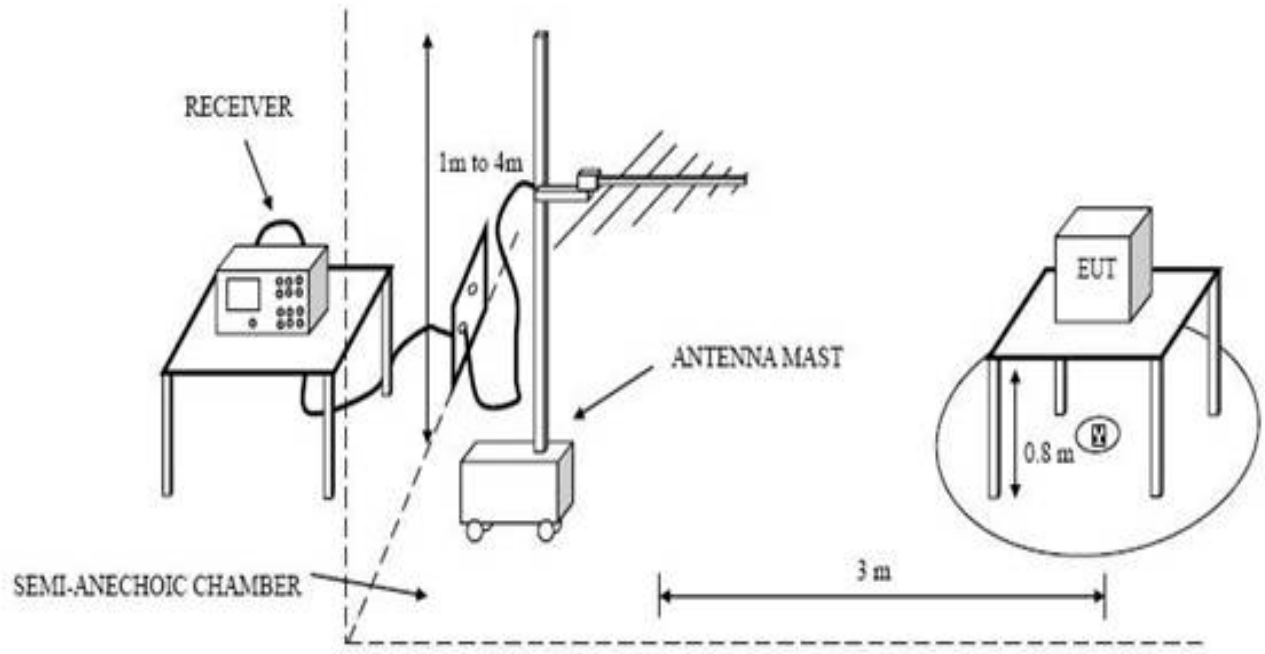
6.TEST RADIATED EMISSION REQUIREMENT

6.1 Limits Of Radiated Disturbances At 3m Distances For Class B

Frequency MHz	Field Strength uV/m	Field Strength dBuV/m	Detector
30-88	100	40	QP
88-216	150	43.5	QP
216-960	200	46	QP
960-1000	500	54	QP
Above 1000	500	54	AV
Above 1000	5000	74	PK

Note: Adjust the brightness and contrast to maximum
Emissions attenuated more than 20 dB below the permissible value are not reported.

6.2：Block Of Radiation Interference



6.3 Preliminary Radiated Emission Test

In the frequency range above 30MHz,Bi-log Test Antenna(30MHz to 1GHz)and Horn Test Antenna (above 1GHz)are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. The emission levels at both horizontal and vertical polarizations should be tested.

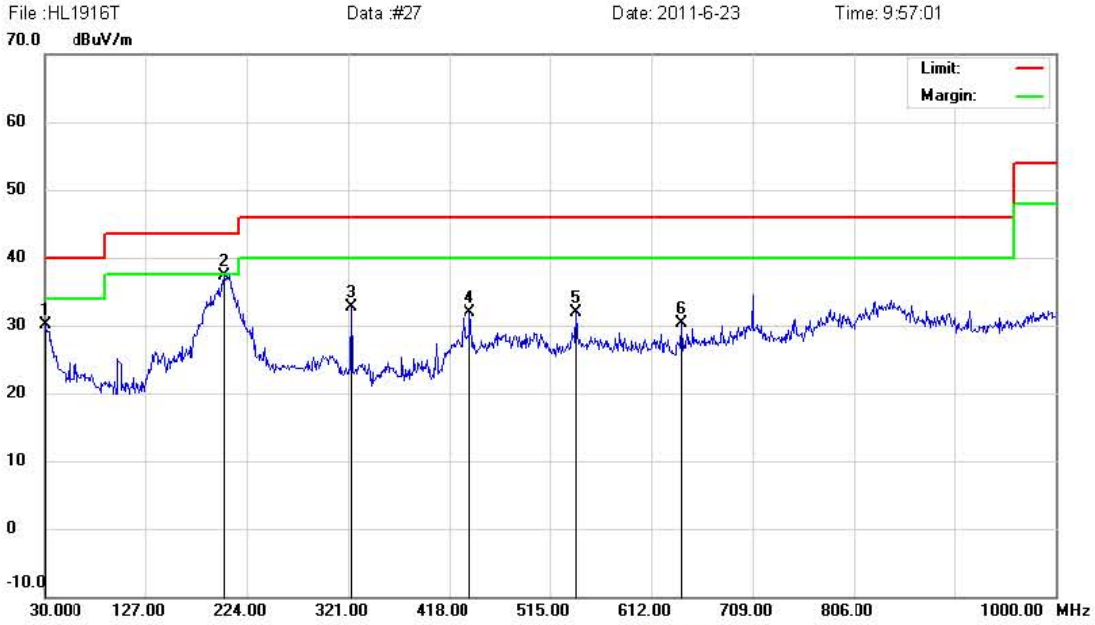
Preliminary Radiated Emission Test			
Frequency Range Investigated		30MHz to 5000MHz	
Mode of operation	Details	Phase	Date#
VGA Display	800*600	H/V	**Page 23- Page 34**
	1024*768	H/V	
	1280*1024	H/V	
DVI Display	800*600	H/V	**Page 35- Page 46**
	1024*768	H/V	
	1280*1024	H/V	

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing

6.4 Test Result Of Radiation Emission Test

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:1024*768 75Hz

Polarization: *Horizontal*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 61 %
Distance:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		30.0000	5.30	24.80	30.10	40.00	-9.90	QP			
2	*	202.6599	20.01	17.27	37.28	43.50	-6.22	QP			
3		323.9100	15.62	17.00	32.62	46.00	-13.38	QP			
4		438.3700	11.66	20.31	31.97	46.00	-14.03	QP			
5		540.2199	9.62	22.20	31.82	46.00	-14.18	QP			
6		641.1000	6.38	24.01	30.39	46.00	-15.61	QP			

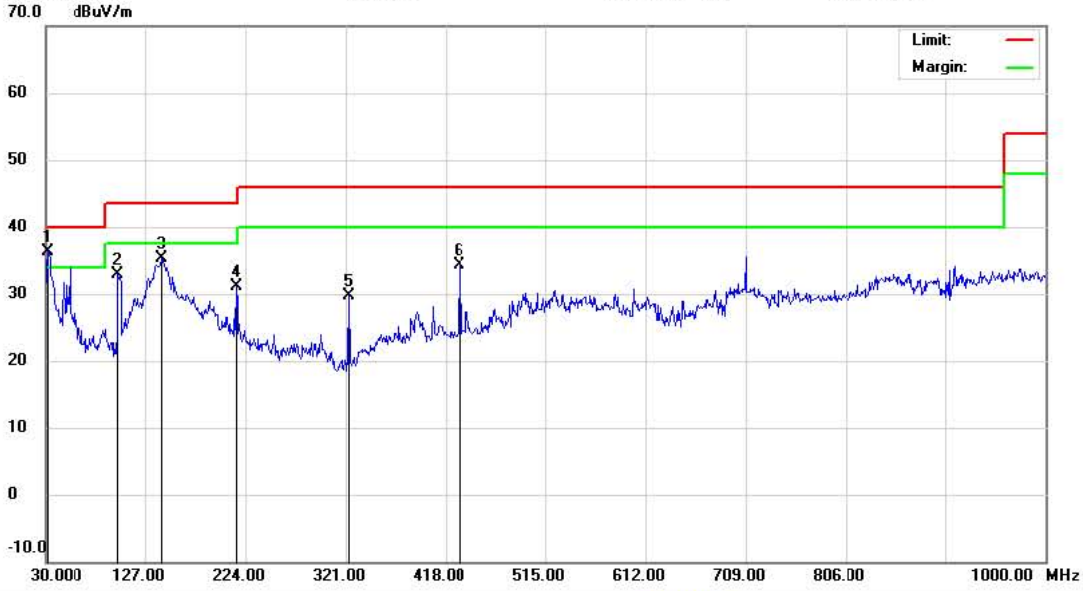
*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916T Data :#26 Date: 2011-6-23 Time: 9:52:13



Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:1024*768 75Hz

Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 61 %

Distance:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	31.9400	13.06	23.31	36.37	40.00	-3.63	QP			
2		100.8100	19.42	13.44	32.86	43.50	-10.64	QP			
3		142.5200	18.31	17.05	35.36	43.50	-8.14	QP			
4		215.2700	14.91	16.12	31.03	43.50	-12.47	QP			
5		323.9100	12.79	17.00	29.79	46.00	-16.21	QP			
6		431.5800	13.98	20.32	34.30	46.00	-11.70	QP			

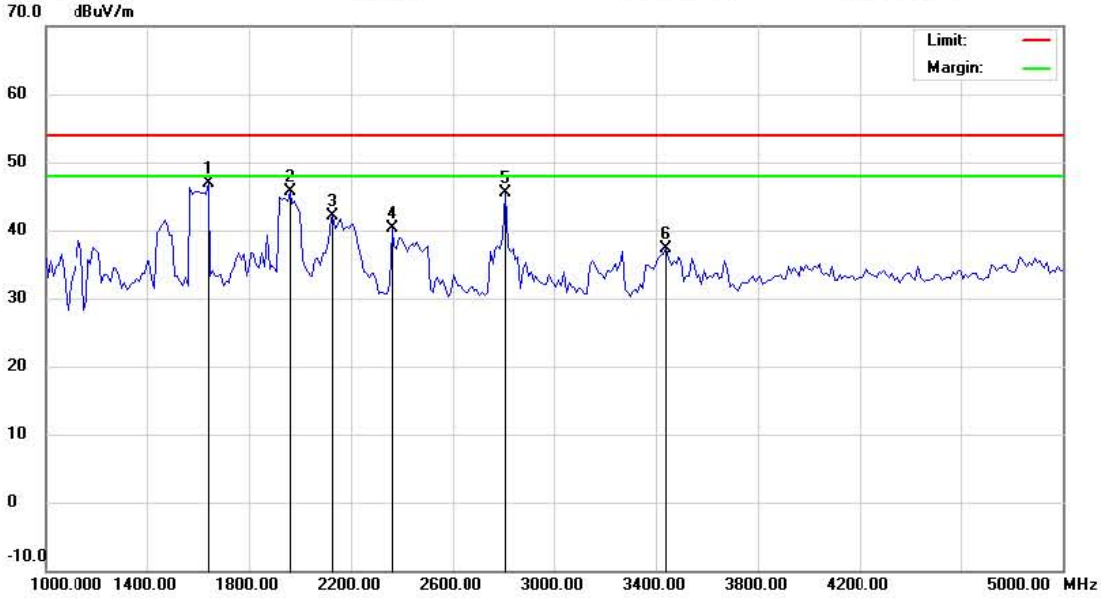
*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

Compliance Laboratory
Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#43 Date: 2011-6-30 Time: 18:29:52



Site site MOST 3M
Limit: FCC Part15 B 3M Radiation(1000M-5000M)
EUT: 19"LCD Monitor
M/N: HL1916T
Mode: Running "H" Patten
Note: VGA:1024*768

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 26
Humidity: 61 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	1640.000	62.24	-15.43	46.81	54.00	-7.19	AVG			
2		1960.000	60.44	-14.73	45.71	54.00	-8.29	AVG			
3		2130.000	56.85	-14.67	42.18	54.00	-11.82	AVG			
4		2360.000	54.33	-14.09	40.24	54.00	-13.76	AVG			
5		2810.000	58.85	-13.28	45.57	54.00	-8.43	AVG			
6		3440.000	48.10	-10.85	37.25	54.00	-16.75	AVG			

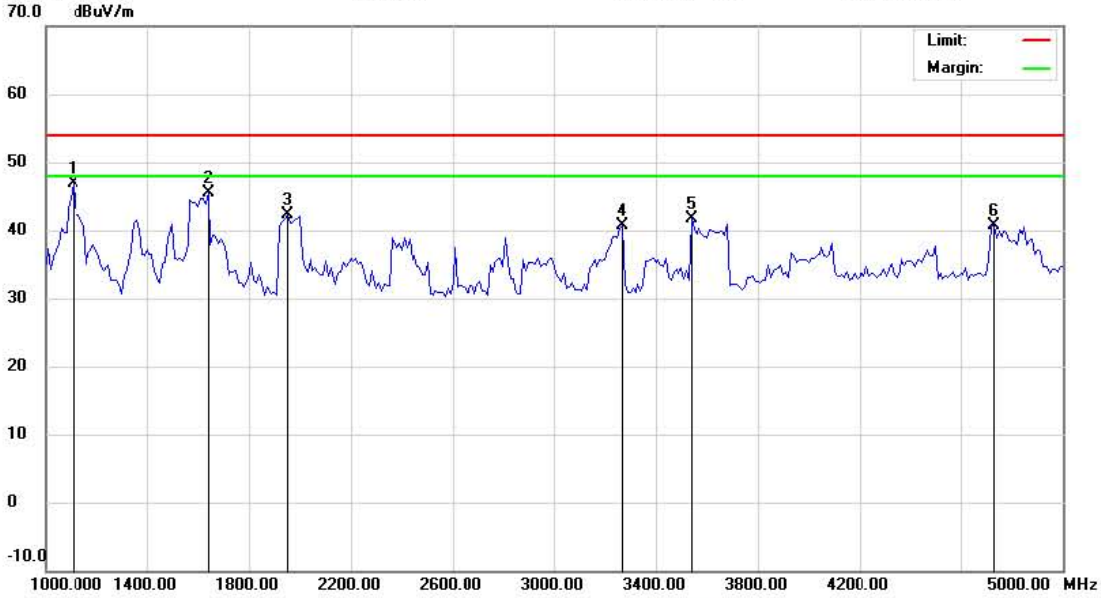
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#44 Date: 2011-6-30 Time: 18:31:09



Site site MOST 3M
Limit: FCC Part15 B 3M Radiation(1000M-5000M)
EUT: 19"LCD Monitor
M/N: HL1916T
Mode: Running "H" Patten
Note: VGA:1024*768

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 26
Humidity: 61 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	1110.000	65.17	-18.34	46.83	54.00	-7.17	AVG			
2		1640.000	60.88	-15.43	45.45	54.00	-8.55	AVG			
3		1950.000	56.98	-14.73	42.25	54.00	-11.75	AVG			
4		3270.000	52.65	-12.03	40.62	54.00	-13.38	AVG			
5		3540.000	52.70	-10.94	41.76	54.00	-12.24	AVG			
6		4730.000	50.70	-9.90	40.80	54.00	-13.20	AVG			

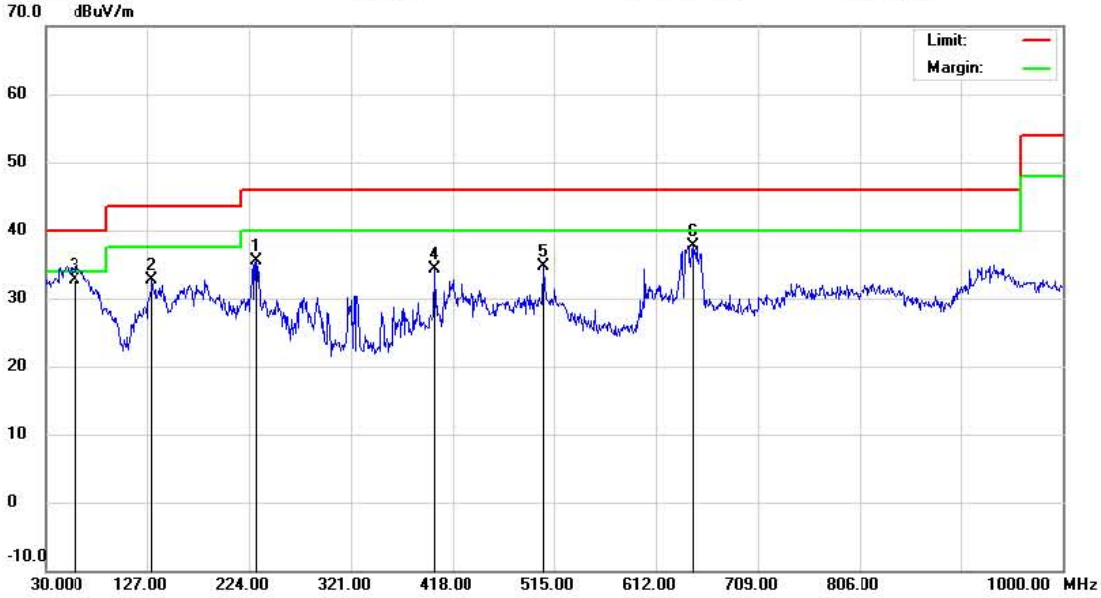
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916T Data :#23 Date: 2011-6-23 Time: 8:44:20



Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:800*600 60Hz

Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 61 %
Distance:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		230.7899	18.86	16.56	35.42	46.00	-10.58	QP			
2		131.8499	15.02	17.61	32.63	43.50	-10.87	QP			
3	*	58.1300	22.00	10.76	32.76	40.00	-7.24	QP			
4		400.5400	15.58	18.71	34.29	46.00	-11.71	QP			
5		505.3000	13.38	21.41	34.79	46.00	-11.21	QP			
6		646.9198	13.71	24.07	37.78	46.00	-8.22	QP			

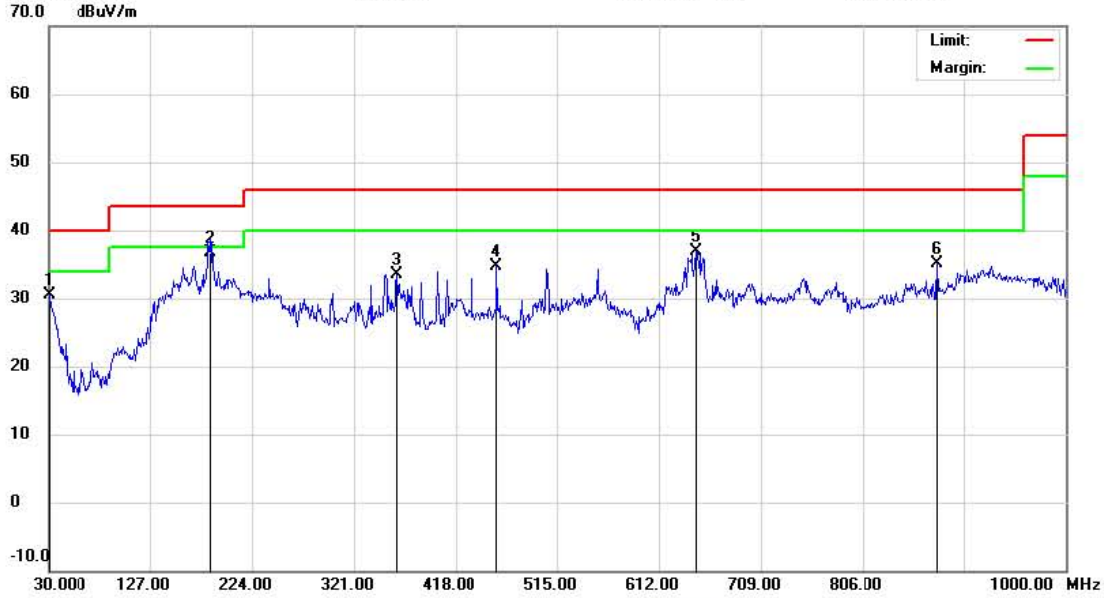
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916T Data :#24 Date: 2011-6-23 Time: 8:49:39



Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:800*600 60Hz

Polarization: *Horizontal*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 61 %
Distance:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		30.0000	5.62	24.80	30.42	40.00	-9.58	QP			
2	*	184.2298	20.00	16.62	36.62	43.50	-6.88	QP			
3		361.7400	15.25	18.28	33.53	46.00	-12.47	QP			
4		457.7699	14.49	20.29	34.78	46.00	-11.22	QP			
5		646.9198	12.79	24.07	36.86	46.00	-9.14	QP			
6		877.7798	8.04	27.06	35.10	46.00	-10.90	QP			

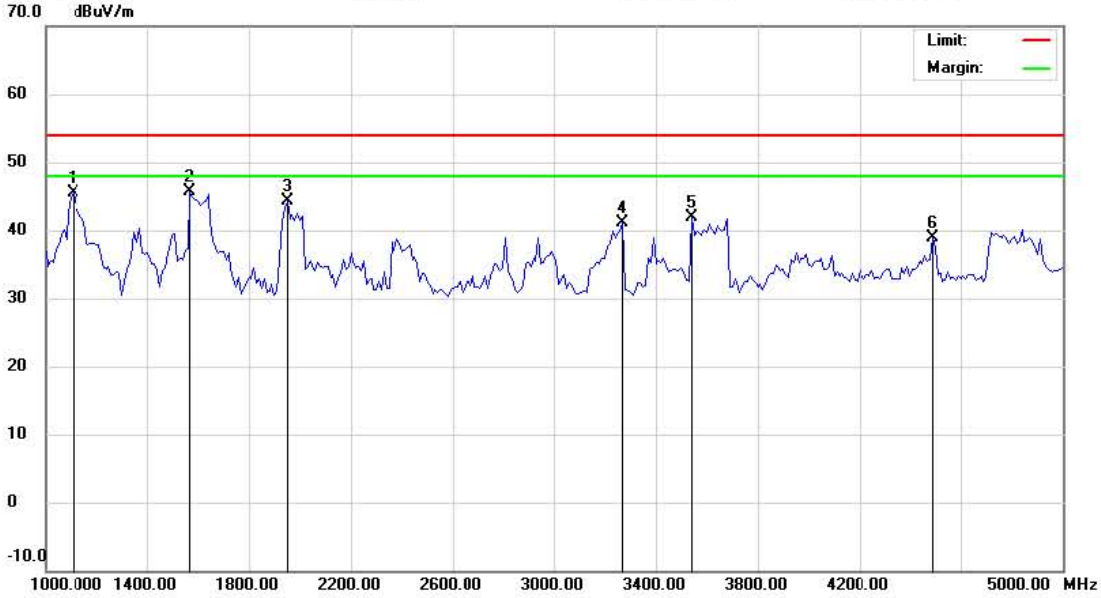
*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#41 Date: 2011-6-30 Time: 18:25:35



Site site MOST 3M Polarization: *Horizontal* Temperature: 26
Limit: FCC Part15 B 3M Radiation(1000M-5000M) Power: AC 120V/60Hz Humidity: 61 %
EUT: 19"LCD Monitor Distance:
M/N: HL1916T
Mode: Running "H" Patten
Note: VGA:800*600

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1110.000	63.79	-18.34	45.45	54.00	-8.55	AVG			
2	*	1570.000	61.60	-15.90	45.70	54.00	-8.30	AVG			
3		1950.000	59.04	-14.73	44.31	54.00	-9.69	AVG			
4		3270.000	53.22	-12.03	41.19	54.00	-12.81	AVG			
5		3540.000	52.87	-10.94	41.93	54.00	-12.07	AVG			
6		4490.000	48.39	-9.57	38.82	54.00	-15.18	AVG			

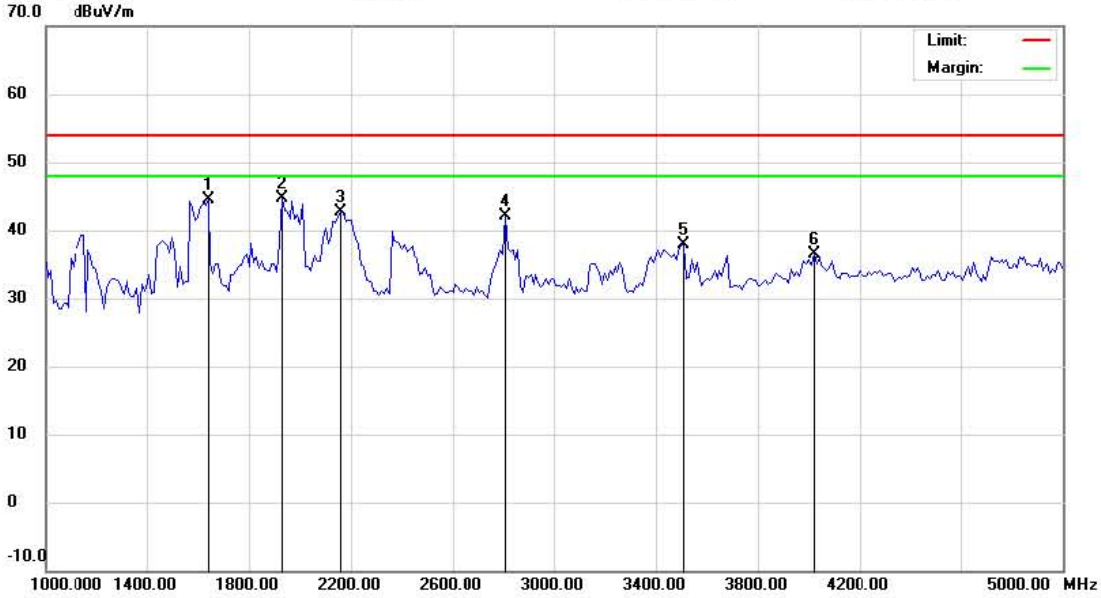
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Compliance Laboratory
Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#42 Date: 2011-6-30 Time: 18:27:40



Site site MOST 3M
Limit: FCC Part15 B 3M Radiation(1000M-5000M)
EUT: 19"LCD Monitor
M/N: HL1916T
Mode: Running "H" Patten
Note: VGA:800*600

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 26
Humidity: 61 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1640.000	59.89	-15.43	44.46	54.00	-9.54	AVG			
2	*	1930.000	59.34	-14.71	44.63	54.00	-9.37	AVG			
3		2160.000	57.43	-14.74	42.69	54.00	-11.31	AVG			
4		2810.000	55.47	-13.28	42.19	54.00	-11.81	AVG			
5		3510.000	48.88	-10.91	37.97	54.00	-16.03	AVG			
6		4020.000	46.83	-10.29	36.54	54.00	-17.46	AVG			

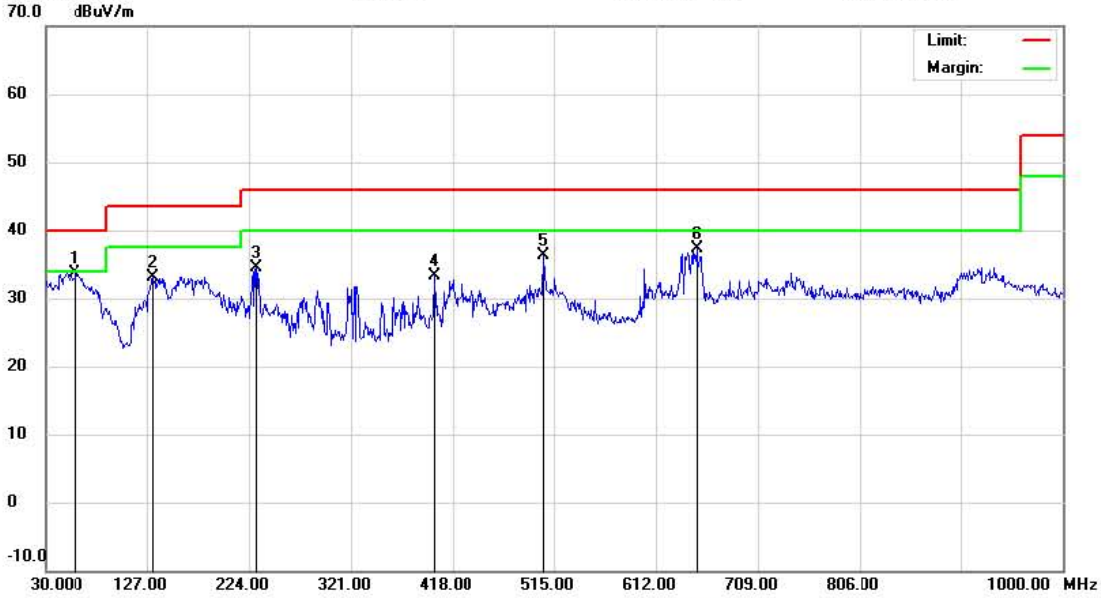
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916T Data :#36 Date: 2011-6-26 Time: 16:25:19



Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:1280*1024 75Hz

Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 61 %
Distance:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	58.1300	23.00	10.76	33.76	40.00	-6.24	QP			
2		132.8199	15.59	17.56	33.15	43.50	-10.35	QP			
3		230.7899	17.86	16.56	34.42	46.00	-11.58	QP			
4		400.5400	14.58	18.71	33.29	46.00	-12.71	QP			
5		505.3000	14.88	21.41	36.29	46.00	-9.71	QP			
6		650.7998	13.12	24.12	37.24	46.00	-8.76	QP			

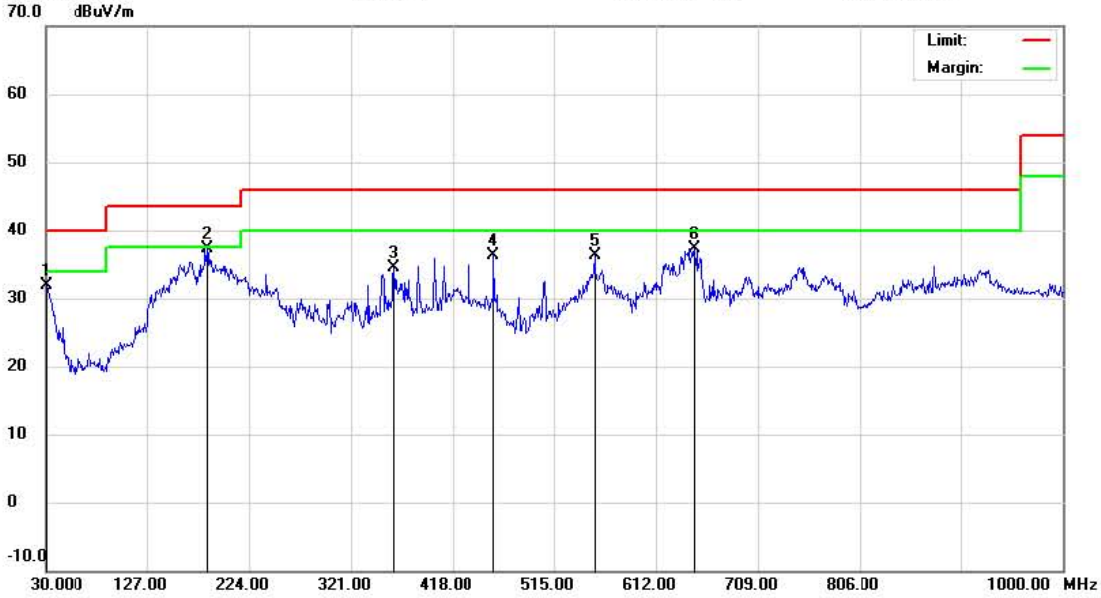
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916T Data :#37 Date: 2011-6-26 Time: 16:31:28



Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: VGA:1280*1024 75Hz

Polarization: *Horizontal*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 61 %

Distance:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		30.0000	7.12	24.80	31.92	40.00	-8.08	QP			
2	*	184.2299	20.64	16.62	37.26	43.50	-6.24	QP			
3		361.7400	16.25	18.28	34.53	46.00	-11.47	QP			
4		457.7699	15.99	20.29	36.28	46.00	-9.72	QP			
5		553.7998	13.59	22.65	36.24	46.00	-9.76	QP			
6		648.8600	13.25	24.09	37.34	46.00	-8.66	QP			

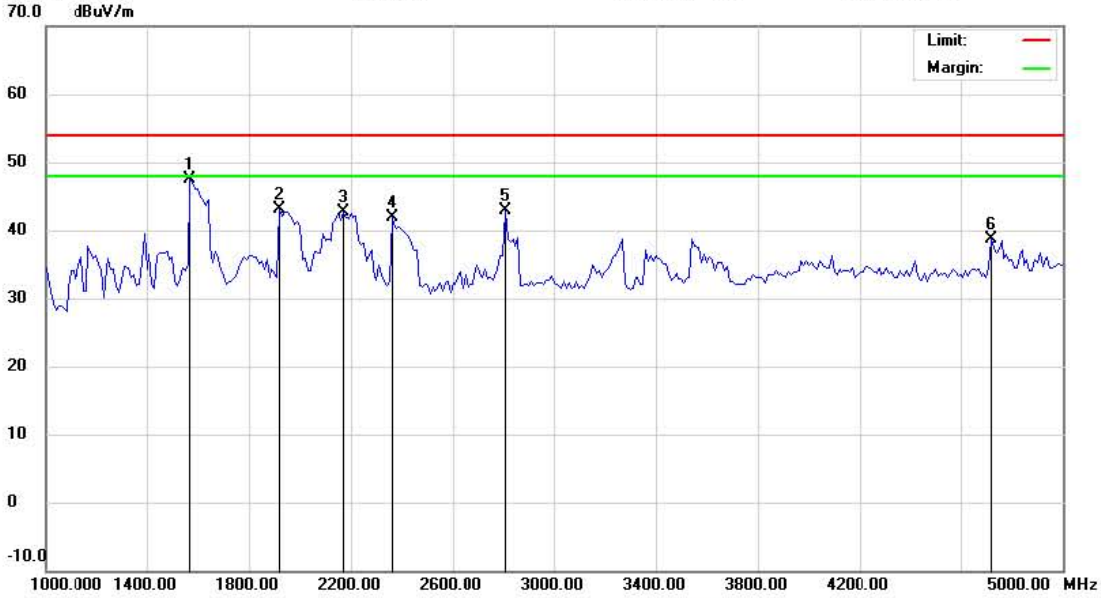
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#39 Date: 2011-6-30 Time: 18:16:06



Site site MOST 3M
Limit: FCC Part15 B 3M Radiation(1000M-5000M)
EUT: 19"LCD Monitor
M/N: HL1916T
Mode: Running "H" Patten
Note: VGA:1280*1024

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 26
Humidity: 61 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	1570.000	63.39	-15.90	47.49	54.00	-6.51	AVG			
2		1920.000	57.80	-14.70	43.10	54.00	-10.90	AVG			
3		2170.000	57.50	-14.77	42.73	54.00	-11.27	AVG			
4		2360.000	56.00	-14.09	41.91	54.00	-12.09	AVG			
5		2810.000	56.18	-13.28	42.90	54.00	-11.10	AVG			
6		4720.000	48.63	-9.89	38.74	54.00	-15.26	AVG			

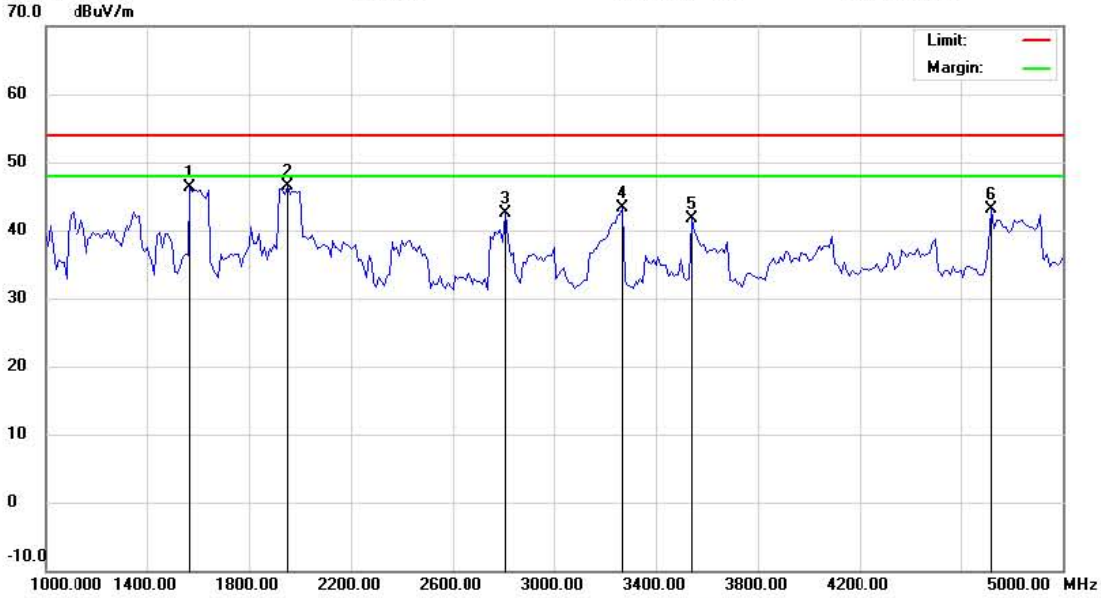
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#40 Date: 2011-6-30 Time: 18:21:30



Site site MOST 3M
Limit: FCC Part15 B 3M Radiation(1000M-5000M)
EUT: 19"LCD Monitor
M/N: HL1916T
Mode: Running "H" Patten
Note: VGA:1280*1024

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 26
Humidity: 61 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1570.000	62.24	-15.90	46.34	54.00	-7.66	AVG			
2	*	1950.000	61.25	-14.73	46.52	54.00	-7.48	AVG			
3		2810.000	55.87	-13.28	42.59	54.00	-11.41	AVG			
4		3270.000	55.40	-12.03	43.37	54.00	-10.63	AVG			
5		3540.000	52.66	-10.94	41.72	54.00	-12.28	AVG			
6		4720.000	53.00	-9.89	43.11	54.00	-10.89	AVG			

*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916T Data :#21 Date: 2011-6-23 Time: 8:38:15

Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:800*600 60Hz

Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 61 %
Distance:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		182.2899	16.95	16.65	33.60	43.50	-9.90	QP			
2		230.7899	19.36	16.56	35.92	46.00	-10.08	QP			
3		400.5400	14.08	18.71	32.79	46.00	-13.21	QP			
4		505.3000	11.88	21.41	33.29	46.00	-12.71	QP			
5		601.3300	11.67	23.05	34.72	46.00	-11.28	QP			
6	*	646.9198	13.71	24.07	37.78	46.00	-8.22	QP			

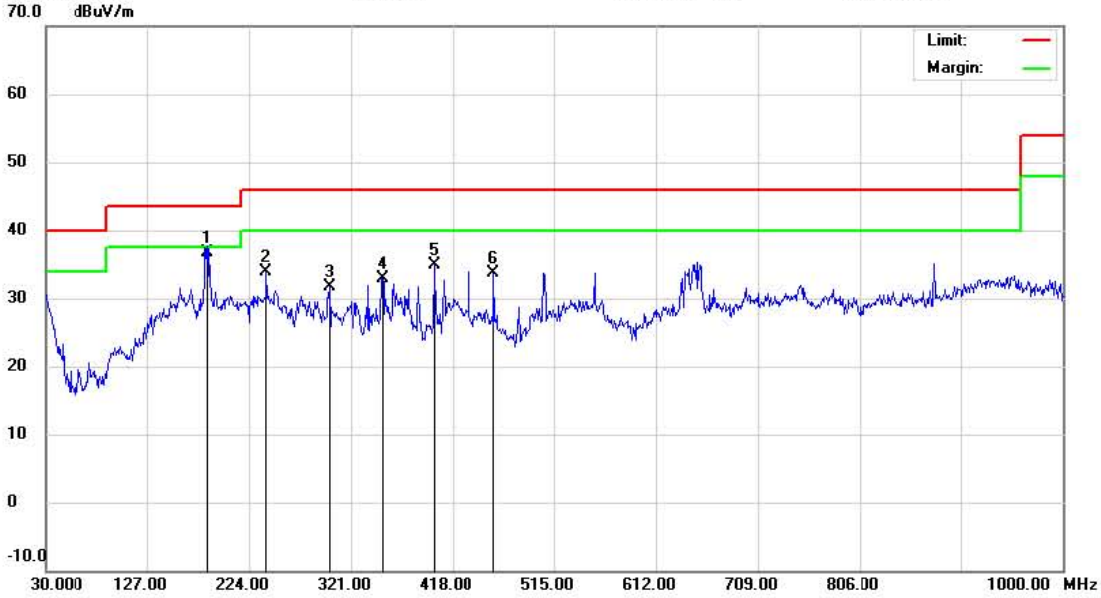
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916T Data :#22 Date: 2011-6-23 Time: 8:41:04



Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:800*600 60Hz

Polarization: *Horizontal*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 61 %
Distance:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	184.2298	20.00	16.62	36.62	43.50	-6.88	QP			
2		240.4900	16.69	17.22	33.91	46.00	-12.09	QP			
3		300.6298	12.52	19.13	31.65	46.00	-14.35	QP			
4		351.0699	15.06	17.89	32.95	46.00	-13.05	QP			
5		400.5400	16.15	18.71	34.86	46.00	-11.14	QP			
6		457.7699	13.49	20.29	33.78	46.00	-12.22	QP			

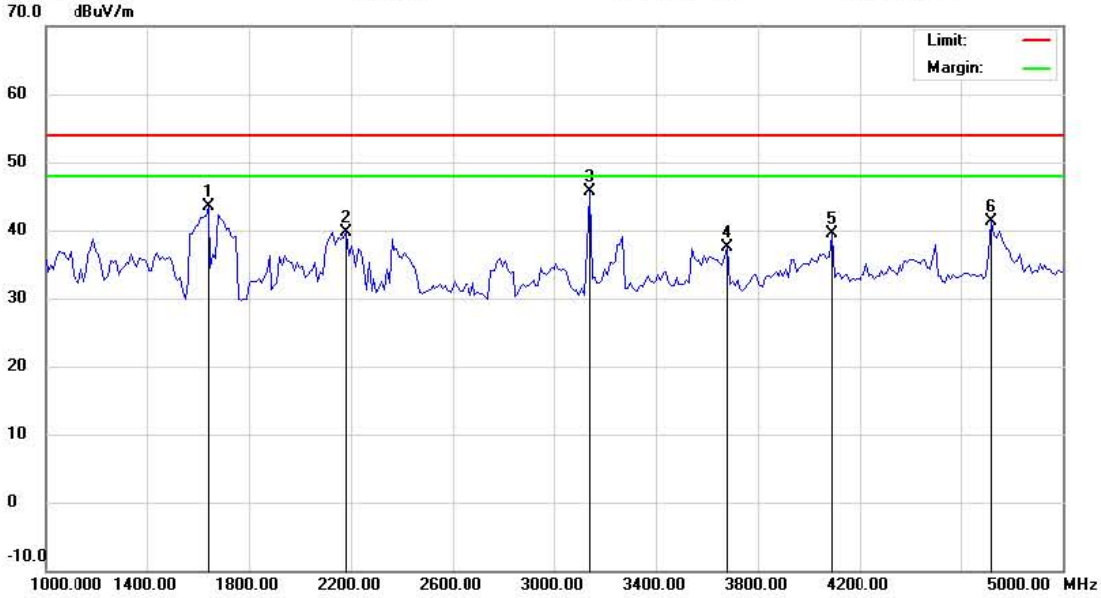
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#49 Date: 2011-6-30 Time: 18:53:32



Site site MOST 3M
Limit: FCC Part15 B 3M Radiation(1000M-5000M)
EUT: 19"LCD Monitor
M/N: HL1916T
Mode: Running "H" Patten
Note: DVI:800*600

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 26
Humidity: 61 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1640.000	58.91	-15.43	43.48	54.00	-10.52	AVG			
2		2180.000	54.57	-14.80	39.77	54.00	-14.23	AVG			
3	*	3140.000	58.05	-12.43	45.62	54.00	-8.38	AVG			
4		3680.000	48.31	-10.72	37.59	54.00	-16.41	AVG			
5		4090.000	49.69	-10.24	39.45	54.00	-14.55	AVG			
6		4720.000	51.16	-9.89	41.27	54.00	-12.73	AVG			

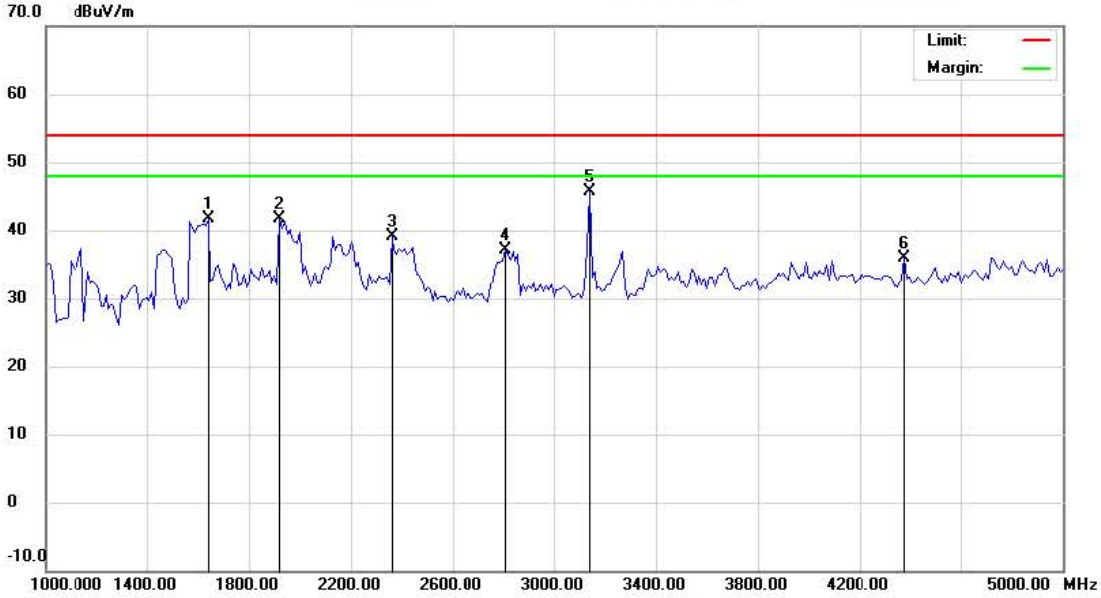
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#50 Date: 2011-6-30 Time: 18:54:22



Site site MOST 3M Polarization: *Vertical* Temperature: 26
Limit: FCC Part15 B 3M Radiation(1000M-5000M) Power: AC 120V/60Hz Humidity: 61 %
EUT: 19"LCD Monitor Distance:
M/N: HL1916T
Mode: Running "H" Patten
Note: DVI:800*600

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1640.000	57.06	-15.43	41.63	54.00	-12.37	AVG			
2		1920.000	56.45	-14.70	41.75	54.00	-12.25	AVG			
3		2360.000	53.25	-14.09	39.16	54.00	-14.84	AVG			
4		2810.000	50.40	-13.28	37.12	54.00	-16.88	AVG			
5	*	3140.000	58.15	-12.43	45.72	54.00	-8.28	AVG			
6		4380.000	45.30	-9.48	35.82	54.00	-18.18	AVG			

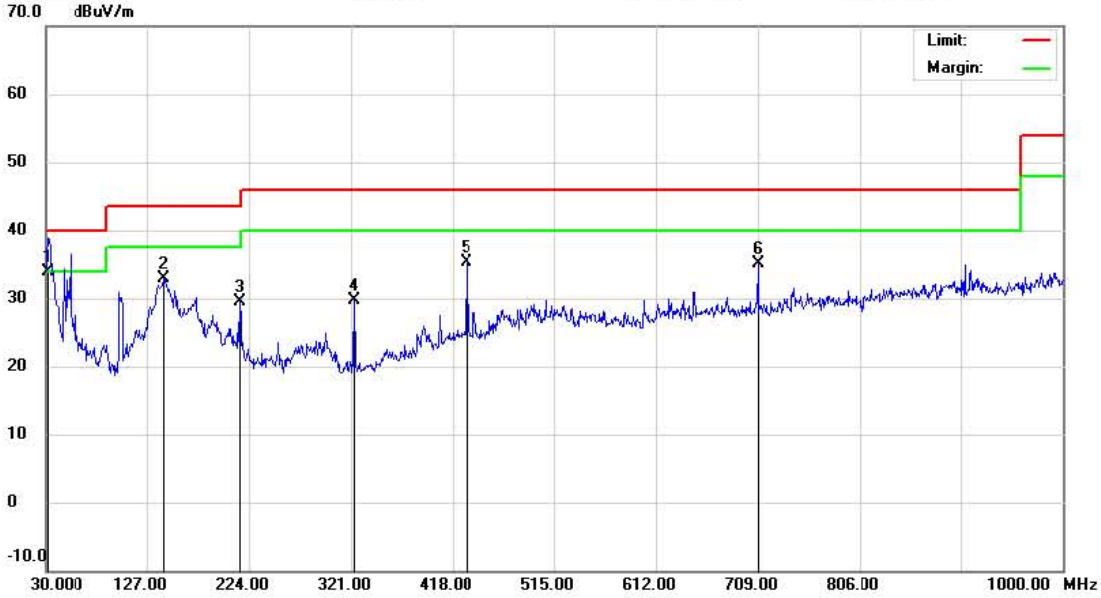
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916T Data :#17 Date: 2011-6-28 Time: 9:36:34



Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:1024*768 75Hz

Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 61 %

Distance:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	31.9400	10.60	23.31	33.91	40.00	-6.09	QP			
2		142.5200	15.81	17.05	32.86	43.50	-10.64	QP			
3		215.2700	13.41	16.12	29.53	43.50	-13.97	QP			
4		323.9100	12.79	17.00	29.79	46.00	-16.21	QP			
5		431.5800	14.98	20.32	35.30	46.00	-10.70	QP			
6		709.0000	10.32	24.69	35.01	46.00	-10.99	QP			

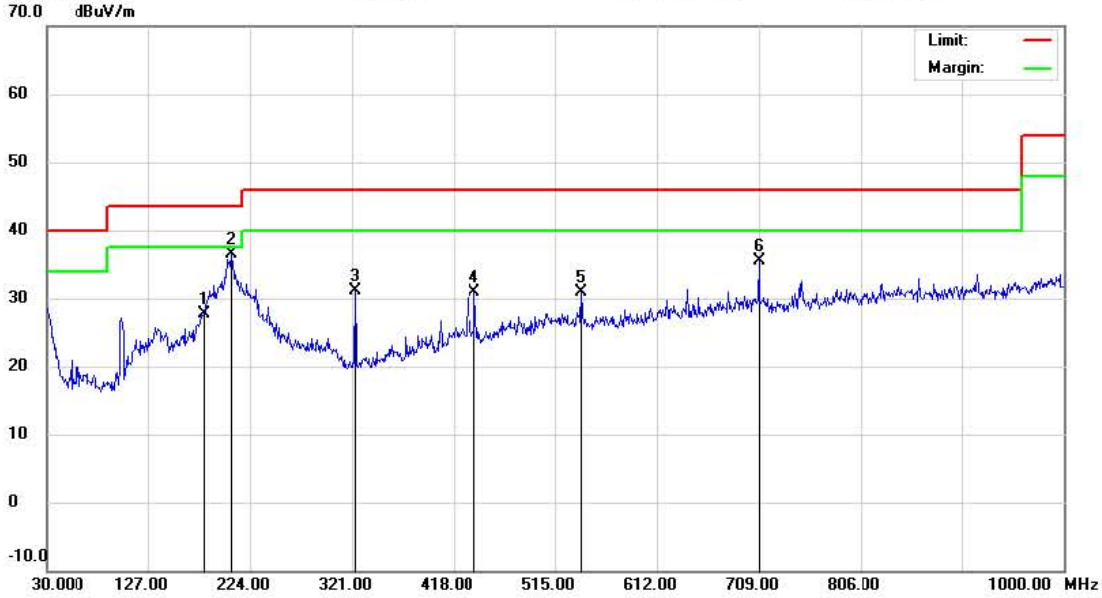
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916T Data :#18 Date: 2011-6-28 Time: 9:38:27



Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:1024*768 75Hz

Polarization: *Horizontal*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 61 %

Distance:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		180.3500	11.04	16.69	27.73	43.50	-15.77	QP			
2	*	206.5399	19.64	16.77	36.41	43.50	-7.09	QP			
3		323.9100	14.12	17.00	31.12	46.00	-14.88	QP			
4		438.3700	10.66	20.31	30.97	46.00	-15.03	QP			
5		540.2199	8.62	22.20	30.82	46.00	-15.18	QP			
6		709.0000	10.82	24.69	35.51	46.00	-10.49	QP			

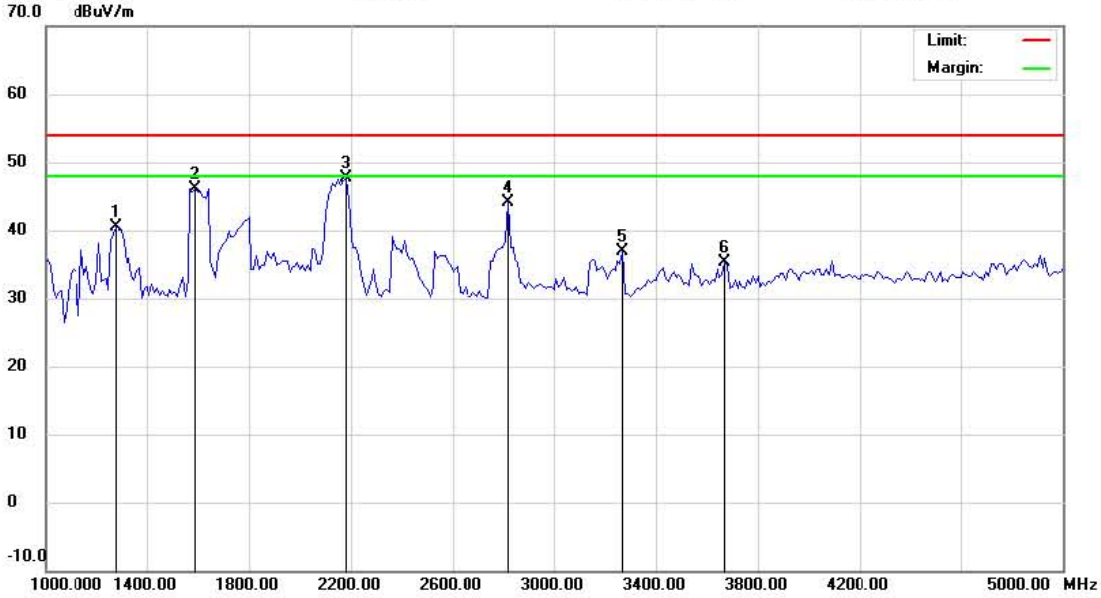
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#47 Date: 2011-6-30 Time: 18:50:31



Site site MOST 3M
Limit: FCC Part15 B 3M Radiation(1000M-5000M)
EUT: 19"LCD Monitor
M/N: HL1916T
Mode: Running "H" Patten
Note: DVI:1024*768

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance:

Temperature: 26
Humidity: 61 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1280.000	58.33	-17.78	40.55	54.00	-13.45	AVG			
2		1590.000	61.93	-15.77	46.16	54.00	-7.84	AVG			
3	*	2180.000	62.44	-14.80	47.64	54.00	-6.36	AVG			
4		2820.000	57.24	-13.20	44.04	54.00	-9.96	AVG			
5		3270.000	48.84	-12.03	36.81	54.00	-17.19	AVG			
6		3670.000	46.06	-10.76	35.30	54.00	-18.70	AVG			

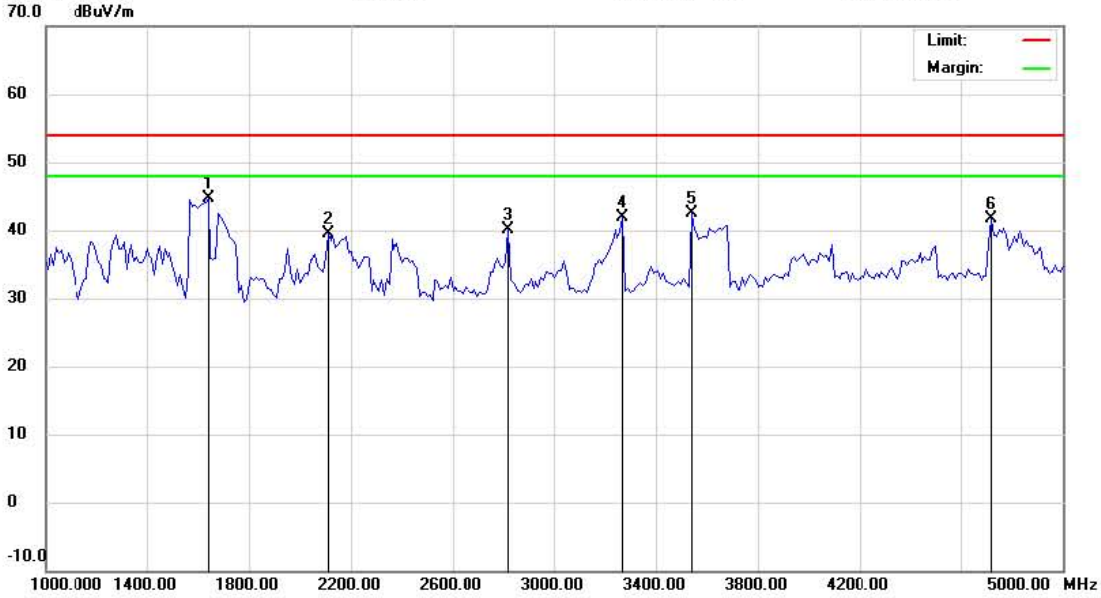
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#48 Date: 2011-6-30 Time: 18:51:46



Site site MOST 3M
Limit: FCC Part15 B 3M Radiation(1000M-5000M)
EUT: 19"LCD Monitor
M/N: HL1916T
Mode: Running "H" Patten
Note: DVI:1024*768

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 26
Humidity: 61 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	1640.000	60.14	-15.43	44.71	54.00	-9.29	AVG			
2		2110.000	54.07	-14.61	39.46	54.00	-14.54	AVG			
3		2820.000	53.35	-13.20	40.15	54.00	-13.85	AVG			
4		3270.000	53.94	-12.03	41.91	54.00	-12.09	AVG			
5		3540.000	53.41	-10.94	42.47	54.00	-11.53	AVG			
6		4720.000	51.59	-9.89	41.70	54.00	-12.30	AVG			

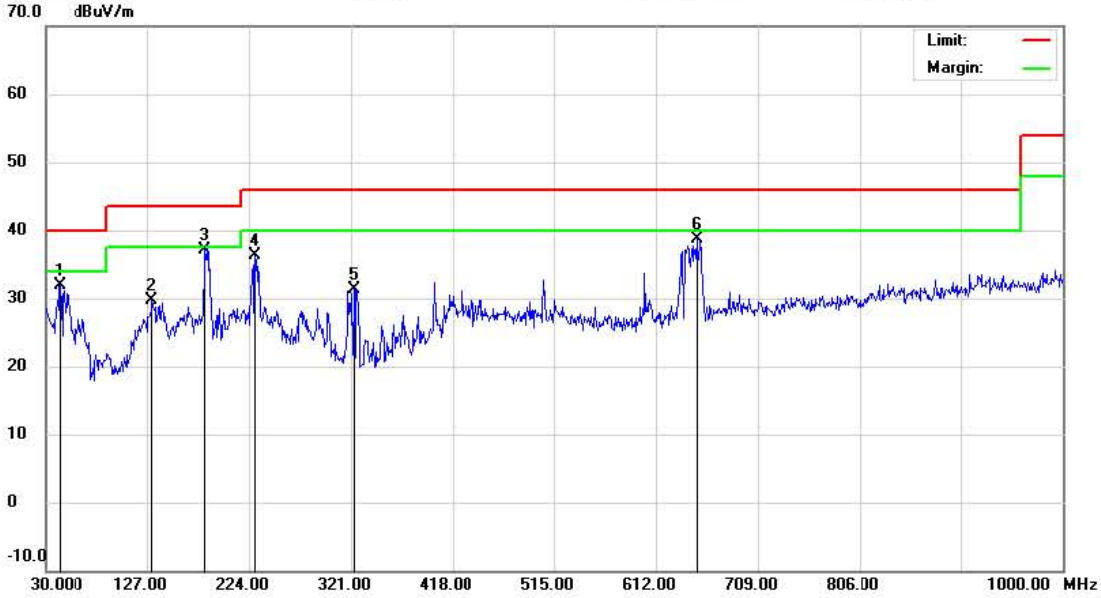
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916T Data :#9 Date: 2011-6-24 Time: 8:32:58



Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:1280*1024 75Hz

Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 61 %

Distance:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		43.5799	17.43	14.51	31.94	40.00	-8.06	QP			
2		131.8499	12.02	17.61	29.63	43.50	-13.87	QP			
3	*	182.2899	20.50	16.65	37.15	43.50	-6.35	QP			
4		229.8199	19.74	16.50	36.24	46.00	-9.76	QP			
5		323.9100	14.25	17.00	31.25	46.00	-14.75	QP			
6		650.7999	14.62	24.12	38.74	46.00	-7.26	QP			

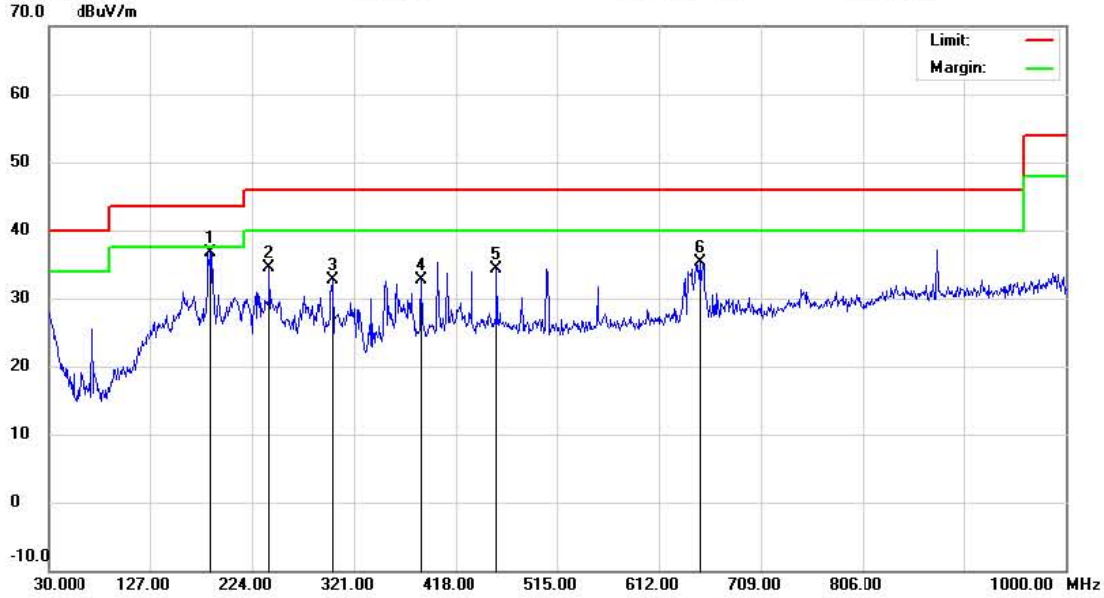
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916T Data :#10 Date: 2011-6-24 Time: 8:34:06



Site site #1
Limit: FCC Part15 B 3M Radiation
EUT: 19' LCD Monitor
M/N: HL1916T
Mode: Running"H"Pattern
Note: DVI:1280*1024 75Hz

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 26
Humidity: 61 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	184.2298	20.14	16.62	36.76	43.50	-6.74	QP			
2		240.4900	17.19	17.22	34.41	46.00	-11.59	QP			
3		300.6298	13.52	19.13	32.65	46.00	-13.35	QP			
4		385.0199	14.52	18.20	32.72	46.00	-13.28	QP			
5		457.7699	13.99	20.29	34.28	46.00	-11.72	QP			
6		650.7999	11.14	24.12	35.26	46.00	-10.74	QP			

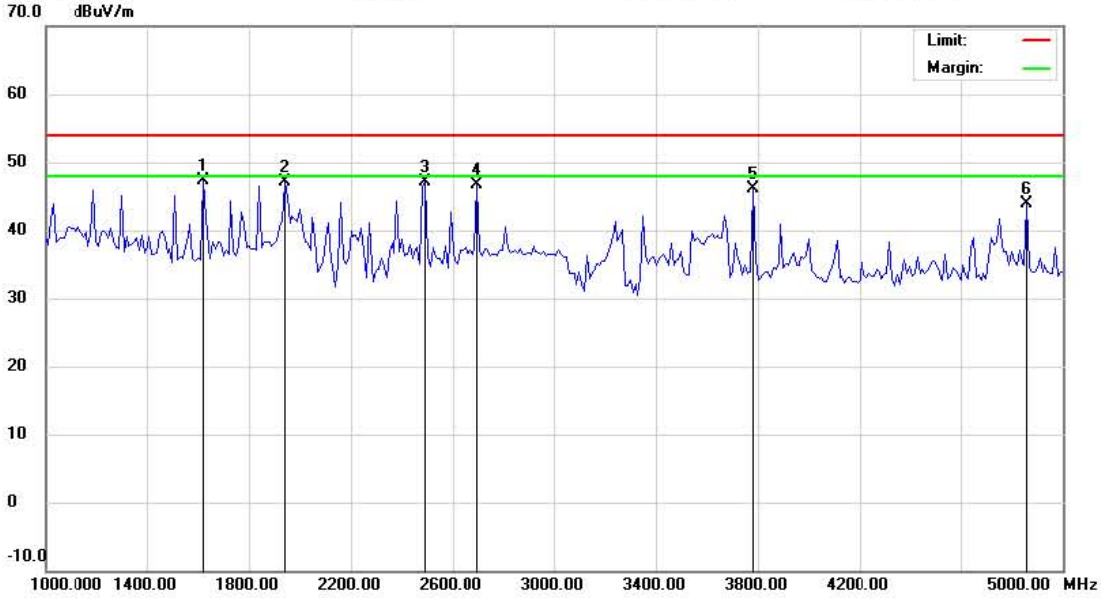
*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#45 Date: 2011-6-30 Time: 18:44:57



Site site MOST 3M
Limit: FCC Part15 B 3M Radiation(1000M-5000M)
EUT: 19"LCD Monitor
M/N: HL1916T
Mode: Running "H" Patten
Note: DVI:1280*1024

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance:

Temperature: 26
Humidity: 61 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	1620.000	62.87	-15.57	47.30	54.00	-6.70	AVG			
2		1940.000	61.76	-14.72	47.04	54.00	-6.96	AVG			
3		2490.000	60.59	-13.42	47.17	54.00	-6.83	AVG			
4		2700.000	60.03	-13.24	46.79	54.00	-7.21	AVG			
5		3780.000	56.58	-10.40	46.18	54.00	-7.82	AVG			
6		4860.000	53.44	-9.57	43.87	54.00	-10.13	AVG			

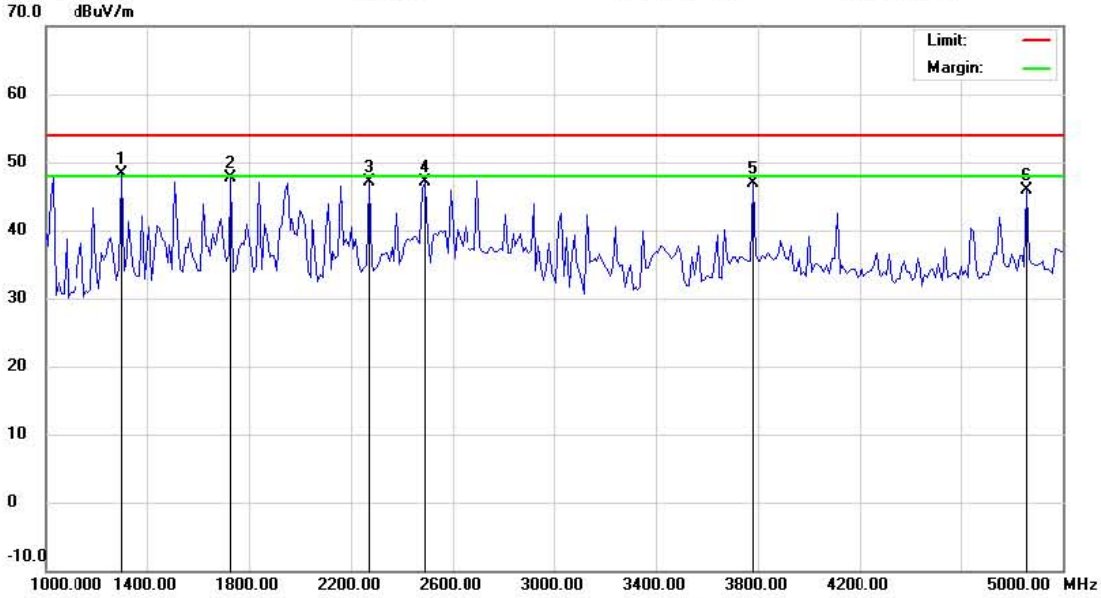
*:Maximum data x:Over limit l:over margin

Engineer Signature: Kavin

Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :TV Monitor Data :#46 Date: 2011-6-30 Time: 18:45:51



Site site MOST 3M Polarization: *Vertical* Temperature: 26
Limit: FCC Part15 B 3M Radiation(1000M-5000M) Power: AC 120V/60Hz Humidity: 61 %
EUT: 19"LCD Monitor Distance:
M/N: HL1916T
Mode: Running "H" Patten
Note: DVI:1280*1024

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	1300.000	66.15	-17.77	48.38	54.00	-5.62	AVG			
2		1730.000	62.66	-14.94	47.72	54.00	-6.28	AVG			
3		2270.000	61.76	-14.56	47.20	54.00	-6.80	AVG			
4		2490.000	60.44	-13.42	47.02	54.00	-6.98	AVG			
5		3780.000	57.33	-10.40	46.93	54.00	-7.07	AVG			
6		4860.000	55.51	-9.57	45.94	54.00	-8.06	AVG			

*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin