



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. 110164

Product Name: 19" LCD Monitor

Model Name: C15S, HL1916LBT, HL1916LA, HL1916VA, HL1916VB, HL1916LB

Brand Name: N/A

FCC ID: W65LCDC13SC15S

Date of Issue: Dec. 21, 2012

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

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1. VERIFICATION OF CONFORMITY

Equipment under test: 19" LCD Monitor
 Brand Name: N/A
 Model Number: C15S, HL1916LBT, HL1916LA, HL1916VA
 Series Number: HL1916VB, HL1916LB
 Remark: HL1916VB, HL1916LB, HL1916LA and HL1916VA are with different display, HL1916VB and C15S is identical except for model name, only HL1916LBT is with Touch screen, other models haven't touch screen.
 FCC ID: W65LCDC13SC15S
 Applicant: Shenyang Torch-Bigtide Digital Technology Co., Ltd.
 Manufacturer: Shenyang Torch-Bigtide Digital Technology Co., Ltd.
 Technical Standards: FCC Part 15 Subpart B
 File Number: MTE/AYG/D12111661
 Date of test: Dec. 20-21, 2012
 Deviation: None
 Condition of Test: Normal
 Sample:
 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.

Prepared by: Anny (Anny Gong)

Reviewed by: Elva Wong (Elva Wong)

Approved by: Yvette Zhou (Yvette Zhou)

2. GENERAL INFORMATION

2.1 Product Information

Motherboard U601

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:

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	2012-12-20
2	15.109	Radiated emission	Pass	2012-12-21

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 °C
- 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 DOC	DCSM	5P3842X
Mouse	Dell DOC	D PPID	MS111-L
Keyboard	Dell DOC	L100	U01C
USB flash drive	Kingston DOC	DT101 G2	5276930
VGA cable	Lenovo	shield	140cm
DVI cable	Lenovo	shield	140cm
USB Cable	Lenovo	shield	150cm

4.2 Test Equipment List

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	ROHDE&SCHWARZ	ESCI	100492	Mar. 06, 2012	1 Year
LISN	ROHDE&SCHWARZ	ENV216	100093	Mar. 06, 2012	1 Year
EMI Test Receiver	ROHDE&SCHWARZ	ESPI	101202	Mar. 06, 2012	1 Year
Spectrum Analyzer	ANRITSU	MS2651B	6200238316	Mar. 06, 2012	1 Year
50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200283933	Mar. 06, 2012	1 Year
Bilog Antenna	Sunol	JB3	A121206	Mar. 06, 2012	1 Year
Horn Antenna	EMCO	3115	640201028-06	Mar. 06, 2012	1 Year
50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200283933	Mar. 06, 2012	1 Year
Cable	Resenberger	N/A	NO.1	Mar. 06, 2012	1 Year
Cable	SCHWARZBECK	N/A	NO.2	Mar. 06, 2012	1 Year
Cable	SCHWARZBECK	N/A	NO.3	Mar. 06, 2012	1 Year
DC Power Filter	Duoji	DL2X30B	N/A	Mar. 06, 2012	1 Year
Single phase power Line filter	Duoji	FNF 202B30	N/A	Mar. 06, 2012	1 Year
3 phase power line filter	Duoji	FNF 402B30	N/A	Mar. 06, 2012	1 Year
Impedance matching Pad	Rohde&schwarz	SCA-Comp	N/A	Mar. 06, 2012	1 Year
Coaxial switch	Anritsu Corp	MP59B	6200283933	Mar. 06, 2012	1 Year
AC power soure	KIKUSUI	AC40MA	LM003232	Mar. 06, 2012	1 Year
AMN	Rohde&schwarz	ESH3-Z5	100229	Mar. 06, 2012	1 Year
Spectrum analyzer	Agilent	E4408B	MY414404 60	Mar. 06, 2012	1 Year
ATV generator	Philips	PM5418 TNS	609114	Mar. 13.2012	1 Year
DTV generator	Teleview	DTA110T	4110576337	Mar. 13.2012	1 Year

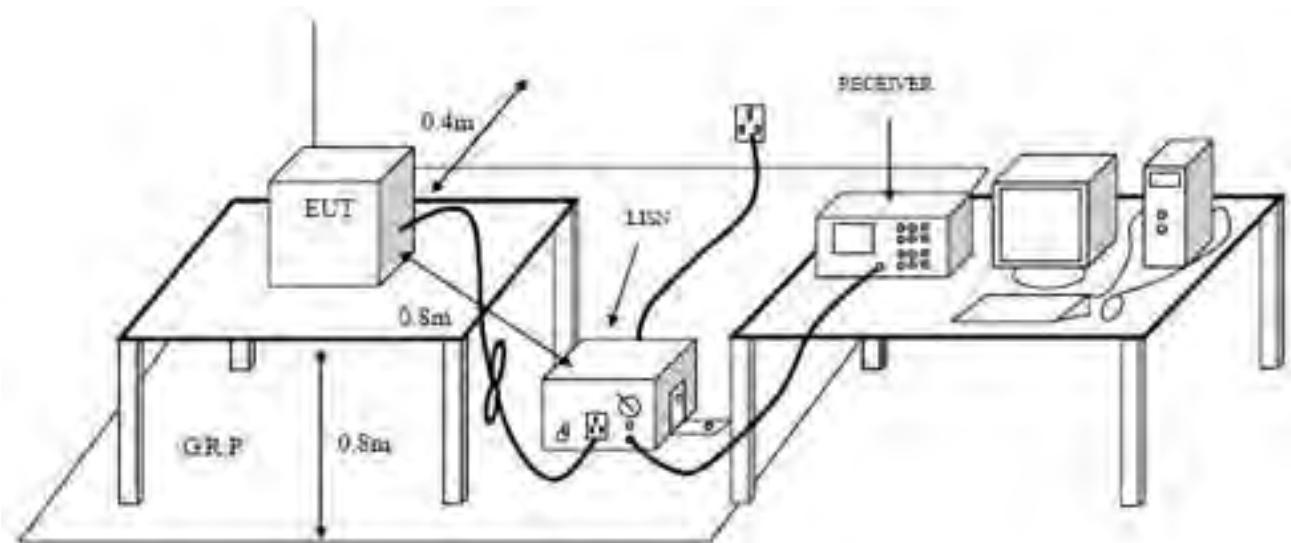
5. TEST REQUIREMENTS

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 non-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 AC 120V/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 has two monitoring points: Line 1 (Hot side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected 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 from 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	
	1024*768	L/N	
	1280*1024	L/N	
DVI Display	800*600	L/N	
	1024*768	L/N	
	1280*1024	L/N	
DP Display			

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

Model C15S, HL1916LBT ,HL1916LA and HL1916VA were carried out for different test modes, The test results of model C15S was the worst case condition, The test data was shown on the summary data page.



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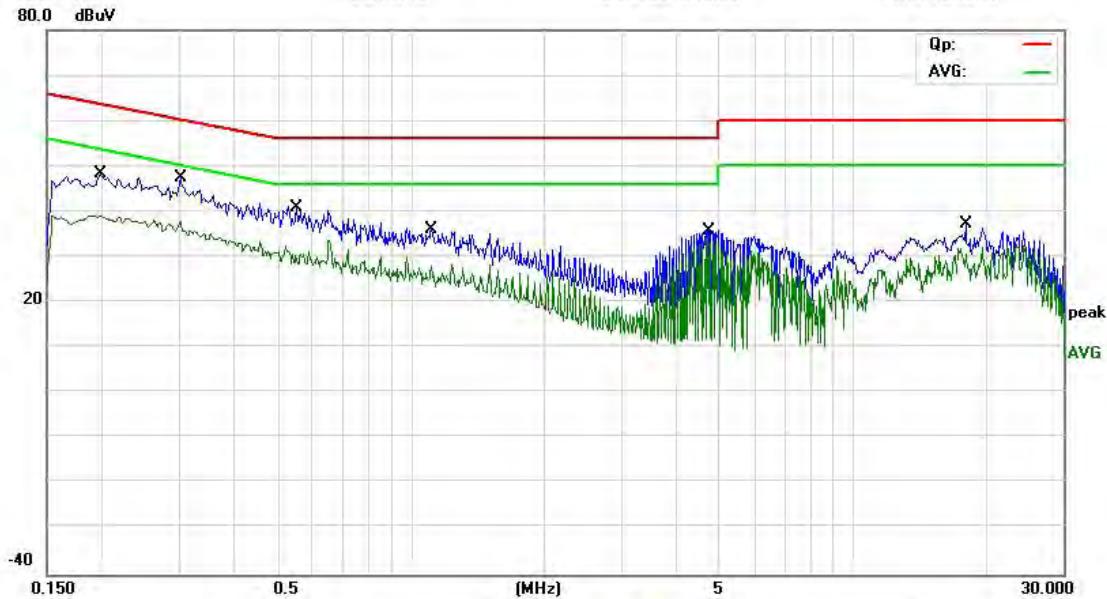
Conducted Emission Measurement

File :C15S

Data :#15

Date: 2012/12/20

Time: 16:15:57



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: C15S

Mode: Running "H" Pattern

Note: VGA:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1980	36.44	11.88	48.32	63.69	-15.37	QP	
2	*	0.3020	36.16	11.32	47.48	60.19	-12.71	QP	
3		0.5540	30.91	10.00	40.91	56.00	-15.09	QP	
4		1.1140	26.27	9.89	36.16	56.00	-19.84	QP	
5		4.7220	24.16	11.72	35.88	56.00	-20.12	QP	
6		18.1300	28.13	9.00	37.13	60.00	-22.87	QP	

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

Engineer Signature: Allen



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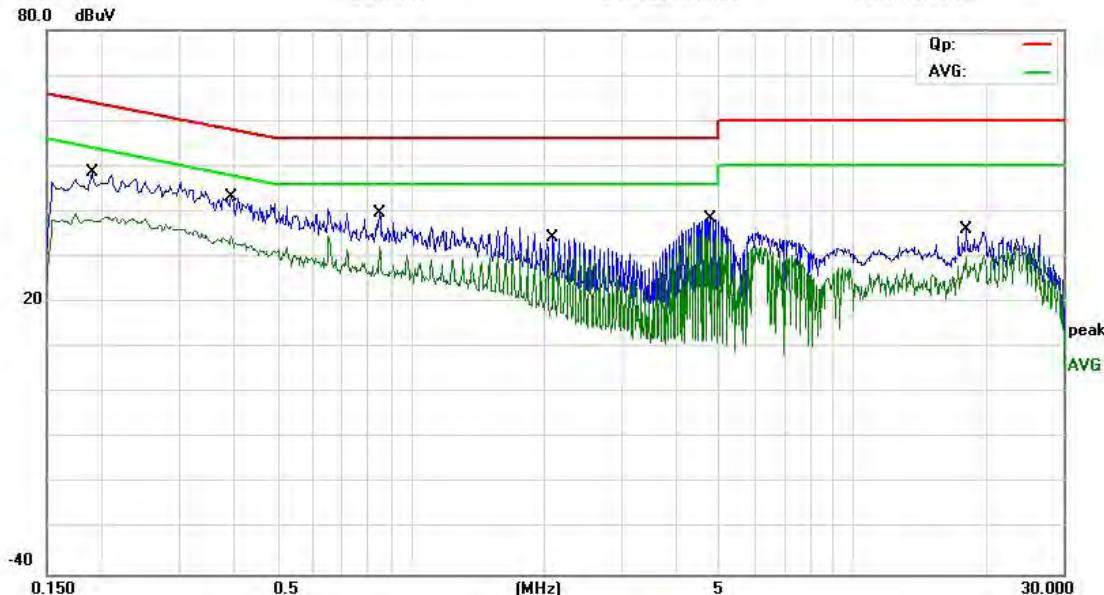
Conducted Emission Measurement

File : C15S

Data : #16

Date: 2012/12/20

Time: 16:19:04



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: C15S

Mode: Running "H" Pattern

Note: VGA:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1900	37.12	11.40	48.52	64.04	-15.52	QP	
2	*	0.3940	32.59	10.71	43.30	57.98	-14.68	QP	
3		0.8500	29.63	10.00	39.63	56.00	-16.37	QP	
4		2.0940	25.08	9.09	34.17	56.00	-21.83	QP	
5		4.7780	26.56	11.78	38.34	56.00	-17.66	QP	
6		18.1380	27.00	9.00	36.00	60.00	-24.00	QP	

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

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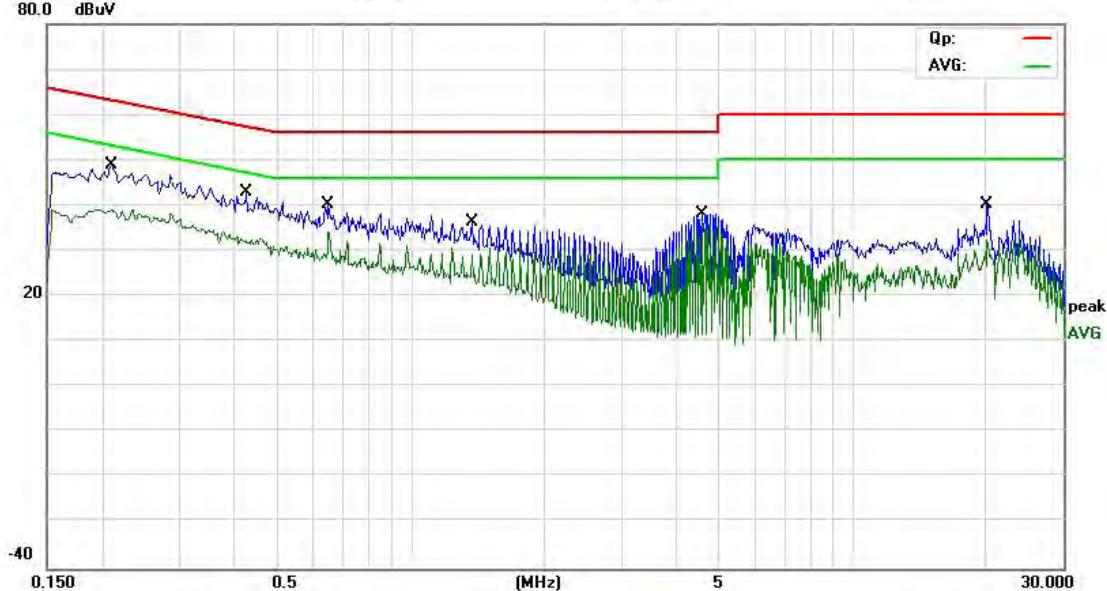
Conducted Emission Measurement

File : C15S

Data : #17

Date: 2012/12/20

Time: 16:23:11



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: C15S

Mode: Running "H" Pattern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	37.09	11.93	49.02	63.21	-14.19	QP	
2		0.4260	32.36	10.49	42.85	57.33	-14.48	QP	
3		0.6540	30.25	10.00	40.25	56.00	-15.75	QP	
4		1.3740	26.79	9.63	36.42	56.00	-19.58	QP	
5		4.5820	26.63	11.58	38.21	56.00	-17.79	QP	
6		20.2260	31.16	9.00	40.16	60.00	-19.84	QP	

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

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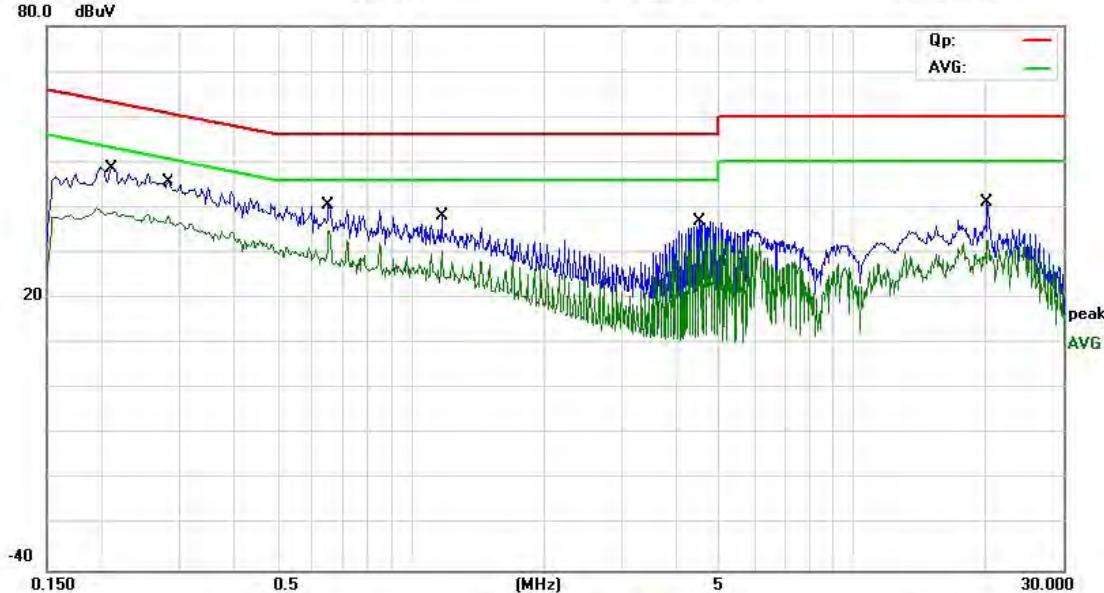
Conducted Emission Measurement

File :C15S

Data :#18

Date: 2012/12/20

Time: 16:27:45



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: C15S

Mode: Running "H" Pattern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	36.83	11.93	48.76	63.21	-14.45	QP	
2		0.2820	34.20	11.45	45.65	60.76	-15.11	QP	
3		0.6540	30.66	10.00	40.66	56.00	-15.34	QP	
4		1.1780	28.44	9.82	38.26	56.00	-17.74	QP	
5		4.5180	25.45	11.52	36.97	56.00	-19.03	QP	
6		20.2180	32.15	9.00	41.15	60.00	-18.85	QP	

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

Engineer Signature: Allen



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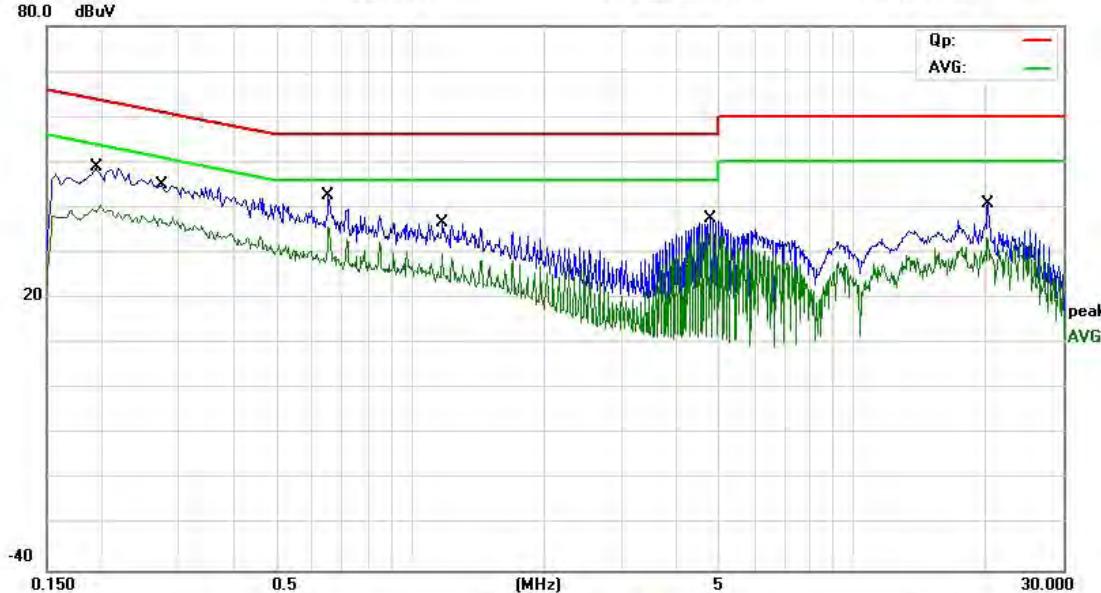
Conducted Emission Measurement

File :C15S

Data :#19

Date: 2012/12/20

Time: 16:31:59



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: C15S

Mode: Running "H" Pattern

Note: VGA:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1940	37.19	11.64	48.83	63.86	-15.03	QP	
2		0.2740	33.49	11.51	45.00	61.00	-16.00	QP	
3	*	0.6540	32.69	10.00	42.69	56.00	-13.31	QP	
4		1.1820	26.73	9.82	36.55	56.00	-19.45	QP	
5		4.7740	25.63	11.77	37.40	56.00	-18.60	QP	
6		20.2700	31.99	9.00	40.99	60.00	-19.01	QP	

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

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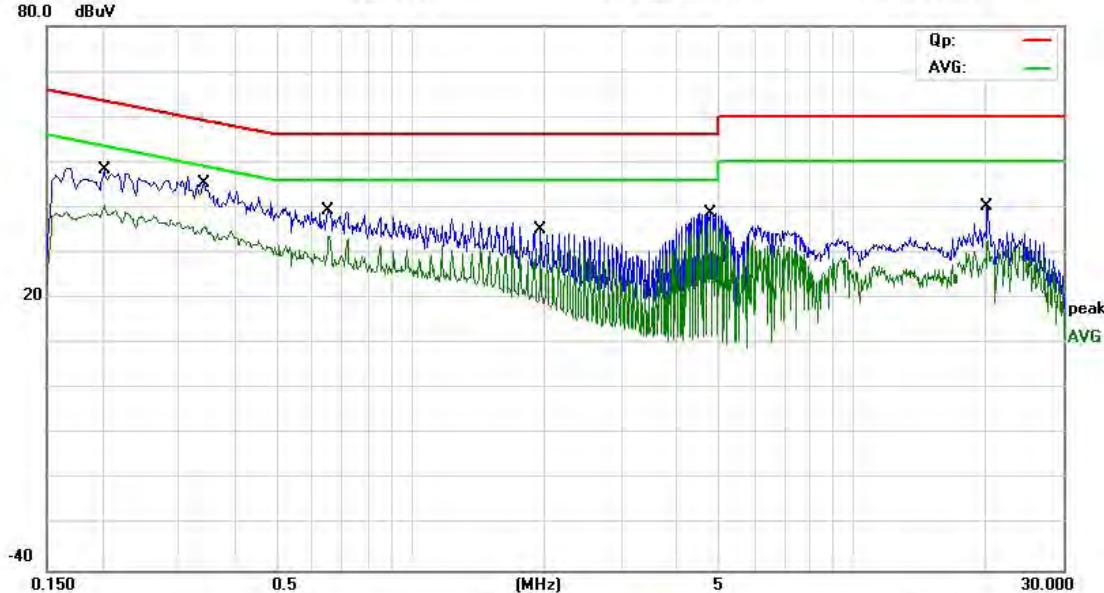
Conducted Emission Measurement

File :C15S

Data :#20

Date: 2012/12/20

Time: 16:36:55



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: C15S

Mode: Running "H" Pattern

Note: VGA:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2020	36.26	11.99	48.25	63.53	-15.28	QP	
2	*	0.3420	34.26	11.05	45.31	59.15	-13.84	QP	
3		0.6542	29.04	10.00	39.04	56.00	-16.96	QP	
4		1.9620	26.11	9.04	35.15	56.00	-20.85	QP	
5		4.7740	27.11	11.77	38.88	56.00	-17.12	QP	
6		20.2500	31.17	9.00	40.17	60.00	-19.83	QP	

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

Engineer Signature:

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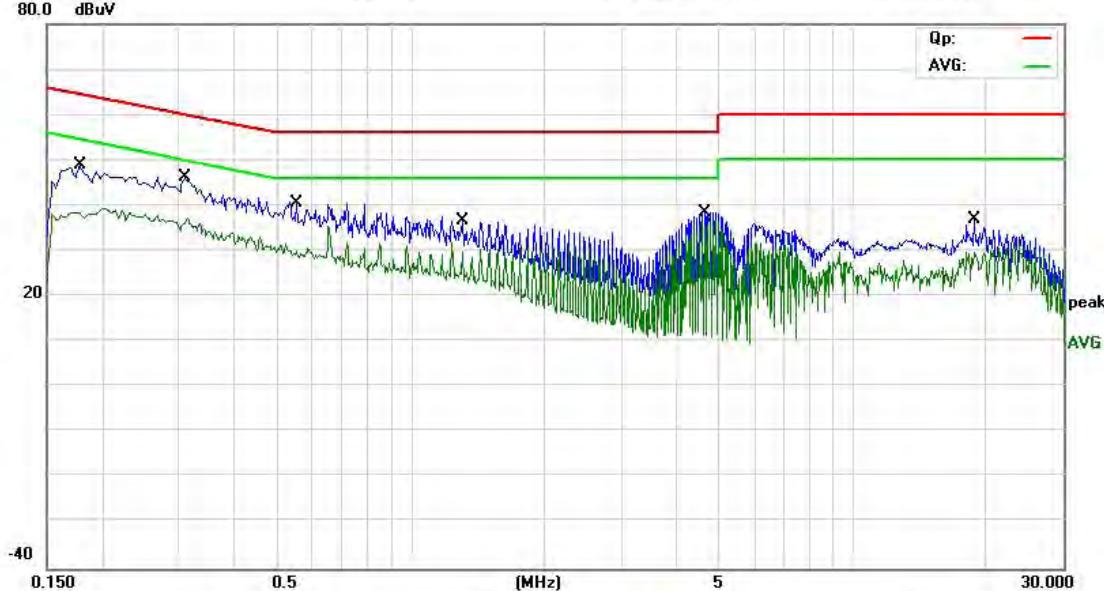
Conducted Emission Measurement

File : C15S

Data : #21

Date: 2012/12/20

Time: 16:40:04



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: C15S

Mode: Running "H" Pattern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1780	38.40	10.68	49.08	64.58	-15.50	QP	
2	*	0.3100	34.89	11.27	46.16	59.97	-13.81	QP	
3		0.5540	30.62	10.00	40.62	56.00	-15.38	QP	
4		1.3100	27.00	9.69	36.69	56.00	-19.31	QP	
5		4.6460	26.90	11.65	38.55	56.00	-17.45	QP	
6		18.8260	28.04	9.00	37.04	60.00	-22.96	QP	

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

Engineer Signature:

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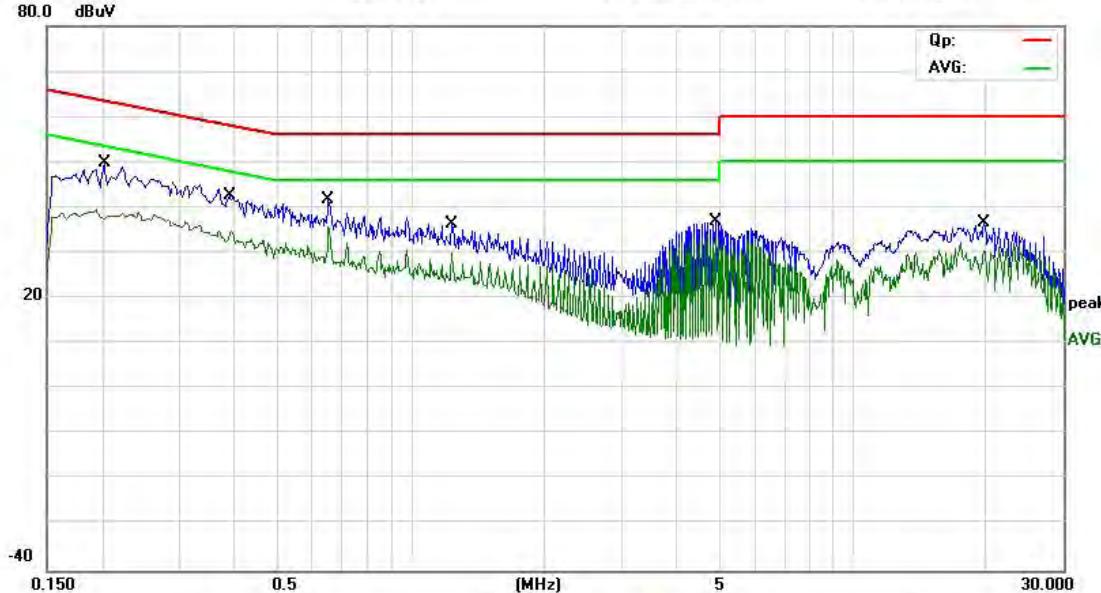
Conducted Emission Measurement

File : C15S

Data : #22

Date: 2012/12/20

Time: 16:43:56



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: C15S

Mode: Running "H" Pattern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2020	37.99	11.99	49.98	63.53	-13.55	QP	
2		0.3900	32.06	10.73	42.79	58.06	-15.27	QP	
3		0.6540	31.68	10.00	41.68	56.00	-14.32	QP	
4		1.2420	26.53	9.76	36.29	56.00	-19.71	QP	
5		4.9060	25.08	11.91	36.99	56.00	-19.01	QP	
6		19.8740	27.53	9.00	36.53	60.00	-23.47	QP	

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

Engineer Signature:

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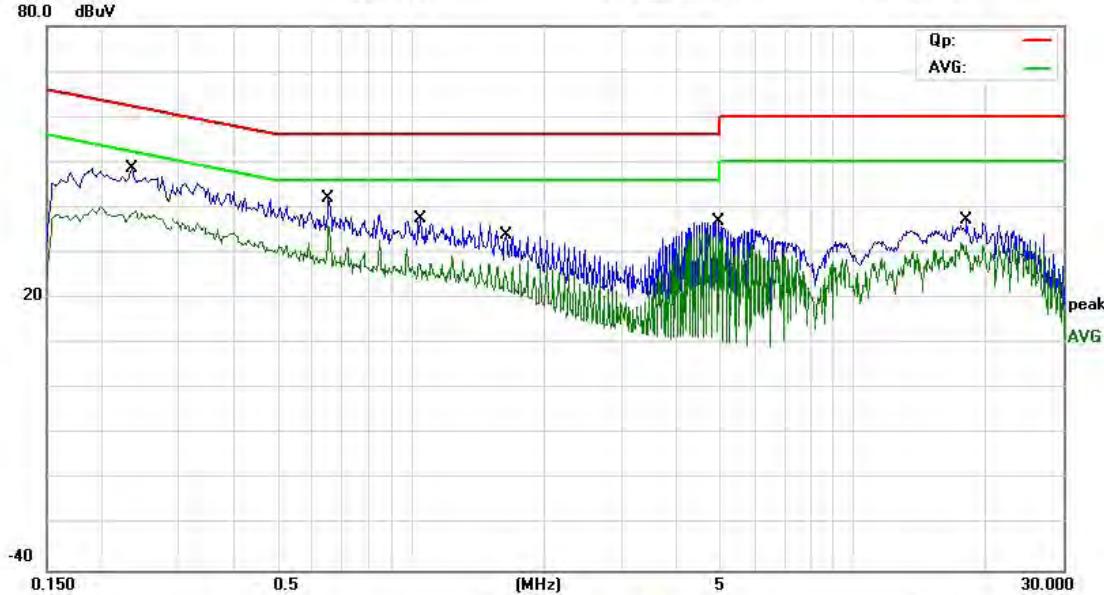
Conducted Emission Measurement

File : C15S

Data : #23

Date: 2012/12/20

Time: 16:47:46



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: C15S

Mode: Running "H" Pattern

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2340	36.79	11.77	48.56	62.31	-13.75	QP	
2		0.6540	32.12	10.00	42.12	56.00	-13.88	QP	
3		1.0500	27.64	9.95	37.59	56.00	-18.41	QP	
4		1.6420	24.64	9.36	34.00	56.00	-22.00	QP	
5		4.9700	24.97	11.97	36.94	56.00	-19.06	QP	
6		18.1660	28.26	9.00	37.26	60.00	-22.74	QP	

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

Engineer Signature: Allen



Address: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park
Guangdong ,China
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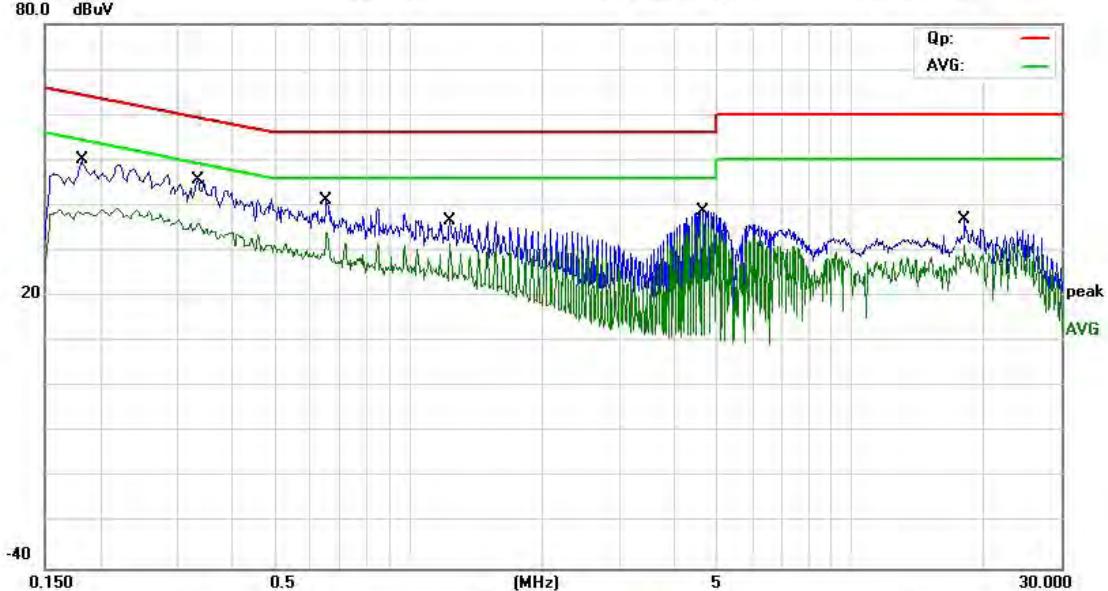
Conducted Emission Measurement

File :C15S

Data :#24

Date: 2012/12/20

Time: 16:51:42



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: C15S

Mode: Running "H" Pattern

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dB			
1		0.1820	39.33	10.92	50.25	64.39	-14.14	QP	
2	*	0.3340	34.61	11.11	45.72	59.35	-13.63	QP	
3		0.6540	31.22	10.00	41.22	56.00	-14.78	QP	
4		1.2420	26.75	9.76	36.51	56.00	-19.49	QP	
5		4.6420	27.24	11.64	38.88	56.00	-17.12	QP	
6		18.1700	28.06	9.00	37.06	60.00	-22.94	QP	

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

Engineer Signature:

Allen



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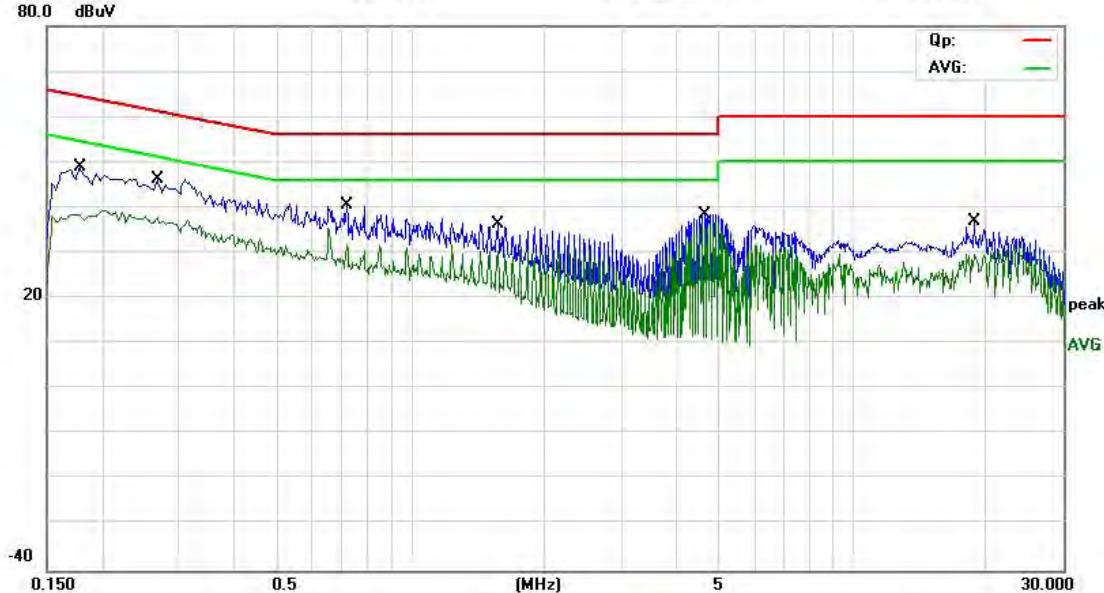
Conducted Emission Measurement

File : C15S

Data : #25

Date: 2012/12/20

Time: 16:55:54



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: C15S

Mode: Running "H" Pattern

Note: DVI:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1780	38.40	10.68	49.08	64.58	-15.50	QP	
2	*	0.2660	34.61	11.56	46.17	61.24	-15.07	QP	
3		0.7180	30.41	10.00	40.41	56.00	-15.59	QP	
4		1.5700	26.95	9.43	36.38	56.00	-19.62	QP	
5		4.6460	26.90	11.65	38.55	56.00	-17.45	QP	
6		18.8260	28.04	9.00	37.04	60.00	-22.96	QP	

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

Engineer Signature: Allen



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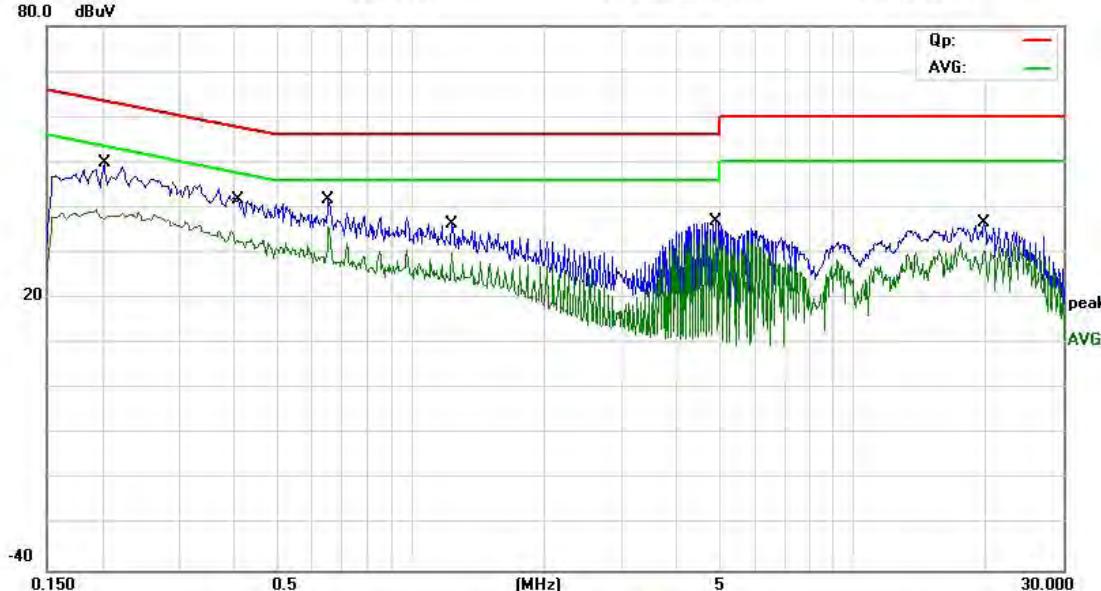
Conducted Emission Measurement

File :C15S

Data :#26

Date: 2012/12/20

Time: 16:59:56



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: C15S

Mode: Running "H" Pattern

Note: DVI:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2020	37.99	11.99	49.98	63.53	-13.55	QP	
2		0.4100	31.28	10.60	41.88	57.65	-15.77	QP	
3		0.6540	31.68	10.00	41.68	56.00	-14.32	QP	
4		1.2420	26.53	9.76	36.29	56.00	-19.71	QP	
5		4.9060	25.08	11.91	36.99	56.00	-19.01	QP	
6		19.8740	27.53	9.00	36.53	60.00	-23.47	QP	

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

Engineer Signature:

Allen



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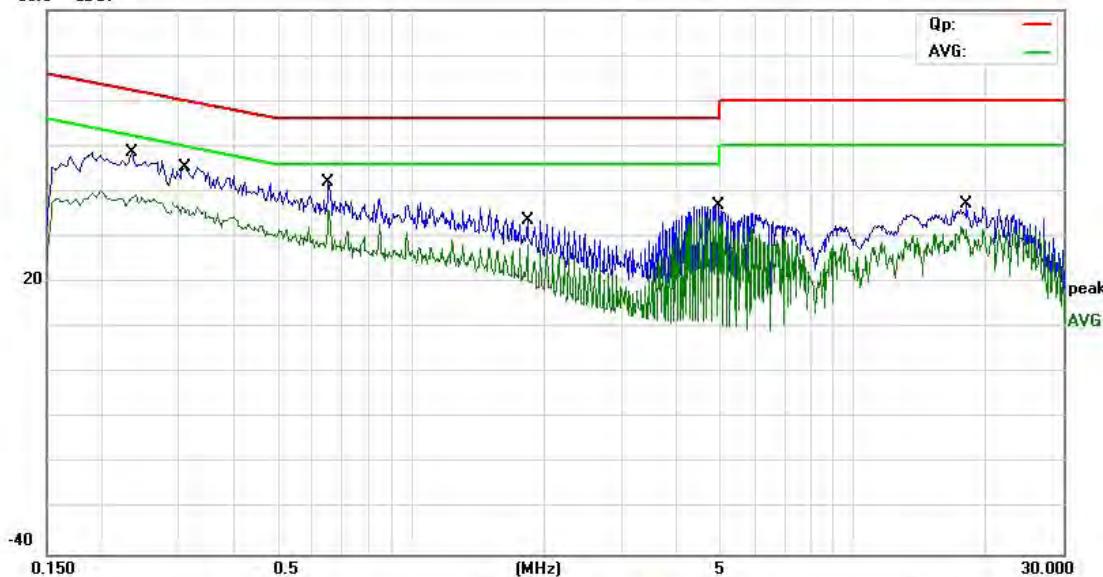
Conducted Emission Measurement

File : C15S
80.0 dBuV

Data : #27

Date: 2012/12/20

Time: 17:03:46



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: C15S

Mode: Running "H" Pattern

Note: DP

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dB			
1	*	0.2340	36.79	11.77	48.56	62.31	-13.75	QP	
2		0.3100	34.20	11.27	45.47	59.97	-14.50	QP	
3		0.6540	32.12	10.00	42.12	56.00	-13.88	QP	
4		1.8300	24.45	9.17	33.62	56.00	-22.38	QP	
5		4.9700	24.97	11.97	36.94	56.00	-19.06	QP	
6		18.1660	28.26	9.00	37.26	60.00	-22.74	QP	

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

Engineer Signature:

Allen



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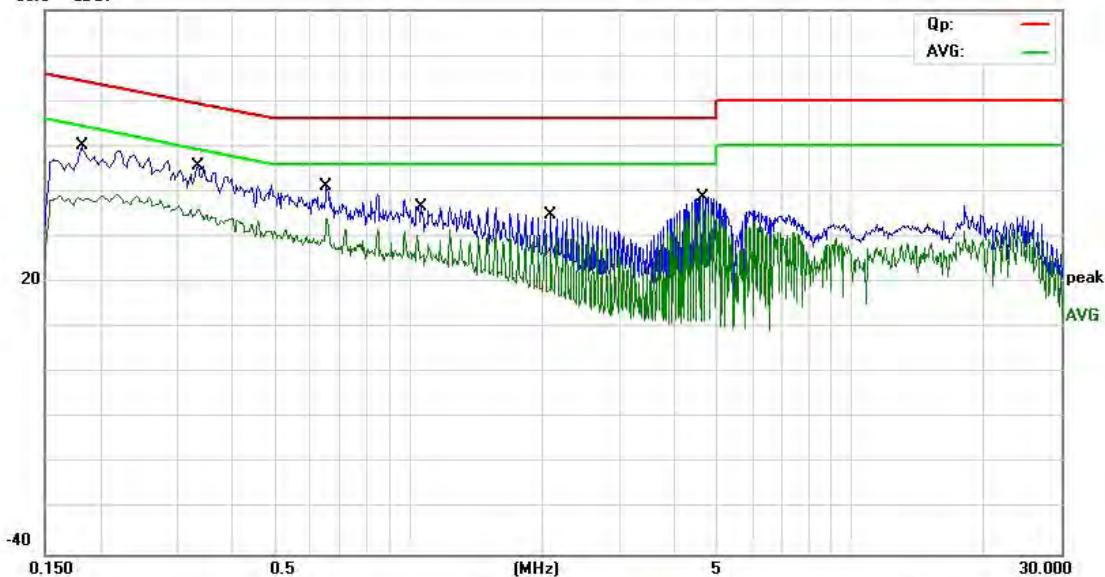
Conducted Emission Measurement

File :C15S
80.0 dBuV

Data :#28

Date: 2012/12/20

Time: 17:09:42



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: C15S

Mode: Running "H" Pattern

Note: DP

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dB			
1		0.1820	39.33	10.92	50.25	64.39	-14.14	QP	
2	*	0.3340	34.61	11.11	45.72	59.35	-13.63	QP	
3		0.6540	31.22	10.00	41.22	56.00	-14.78	QP	
4		1.0700	26.64	9.93	36.57	56.00	-19.43	QP	
5		2.0940	25.80	9.09	34.89	56.00	-21.11	QP	
6		4.6420	27.24	11.64	38.88	56.00	-17.12	QP	

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

Engineer Signature:

Allen



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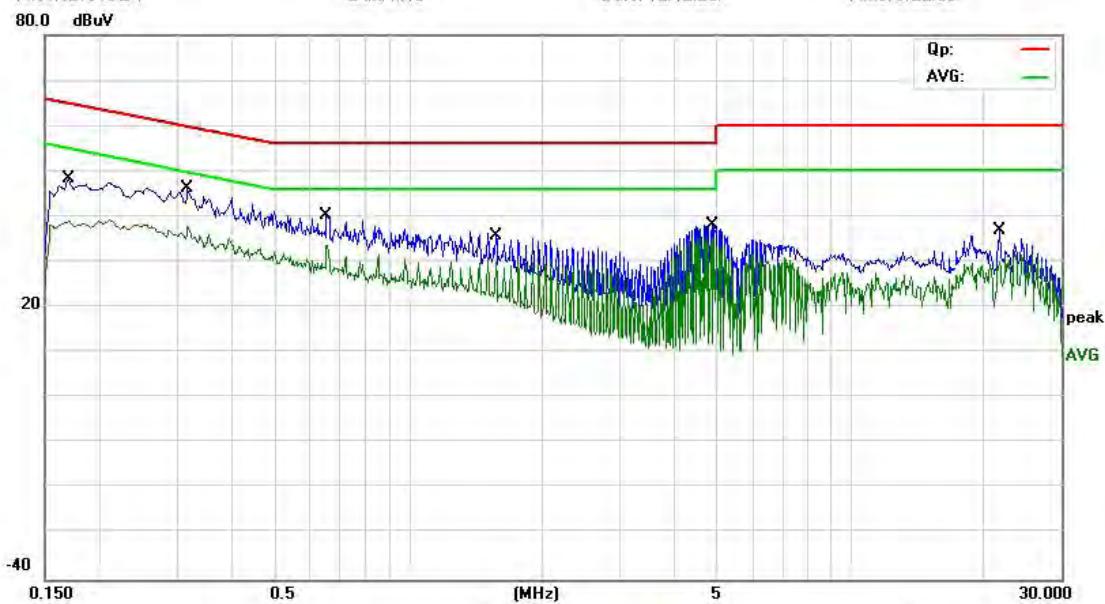
Conducted Emission Measurement

File : HL1916LA

Data : #15

Date: 12/12/20/

Time: 9/22/05



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: HL1916LA

Mode: Running "H" Pattern

Note: VGA:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1700	38.02	10.20	48.22	64.96	-16.74	QP	
2	*	0.3180	34.93	11.21	46.14	59.76	-13.62	QP	
3		0.6540	30.25	10.00	40.25	56.00	-15.75	QP	
4		1.5740	26.22	9.43	35.65	56.00	-20.35	QP	
5		4.8500	26.37	11.85	38.22	56.00	-17.78	QP	
6		21.8180	27.97	9.00	36.97	60.00	-23.03	QP	

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

Engineer Signature:

Allen



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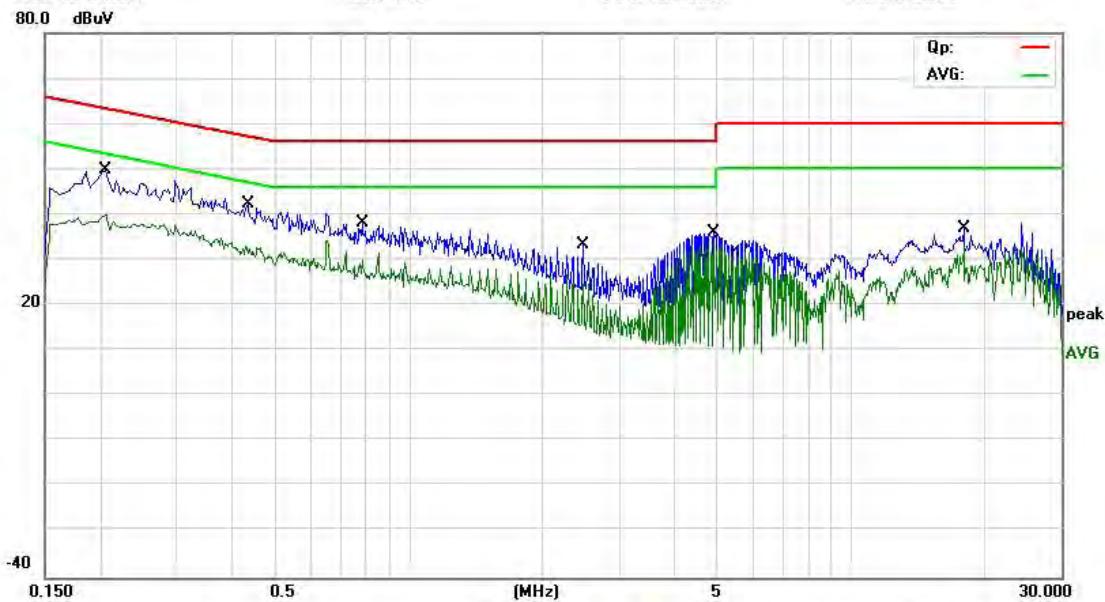
Conducted Emission Measurement

File : HL1916LA

Data : #16

Date: 12/12/20/

Time: 9:25:38



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: HL1916LA

Mode: Running "H" Pattern

Note: VGA:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2060	37.80	11.96	49.76	63.37	-13.61	QP	
2		0.4340	31.80	10.44	42.24	57.18	-14.94	QP	
3		0.7860	28.16	10.00	38.16	56.00	-17.84	QP	
4		2.4900	23.98	9.49	33.47	56.00	-22.53	QP	
5		4.9140	24.08	11.91	35.99	56.00	-20.01	QP	
6		18.0820	28.05	9.00	37.05	60.00	-22.95	QP	

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

Engineer Signature: Allen



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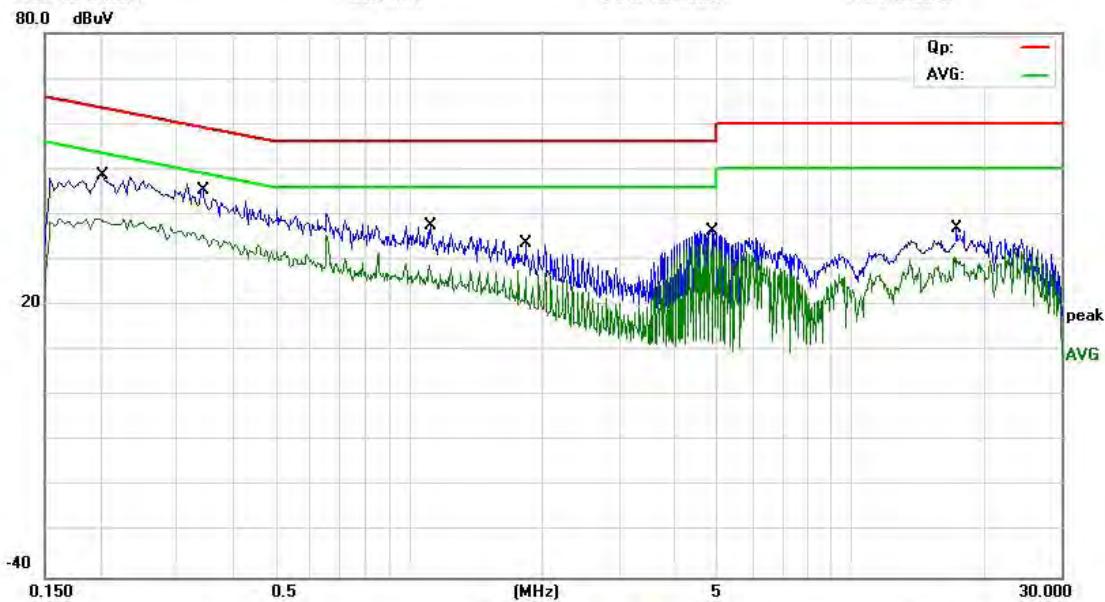
Conducted Emission Measurement

File : HL1916LA

Data : #17

Date: 12/12/20/

Time: 9:28:57



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: HL1916LA

Mode: Running "H" Pattern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2020	36.70	11.99	48.69	63.53	-14.84	QP	
2	*	0.3460	33.54	11.03	44.57	59.06	-14.49	QP	
3		1.1180	27.65	9.88	37.53	56.00	-18.47	QP	
4		1.8340	24.41	9.17	33.58	56.00	-22.42	QP	
5		4.8500	24.61	11.85	36.46	56.00	-19.54	QP	
6		17.4260	27.82	9.00	36.82	60.00	-23.18	QP	

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

Engineer Signature:

Allen



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Conducted Emission Measurement

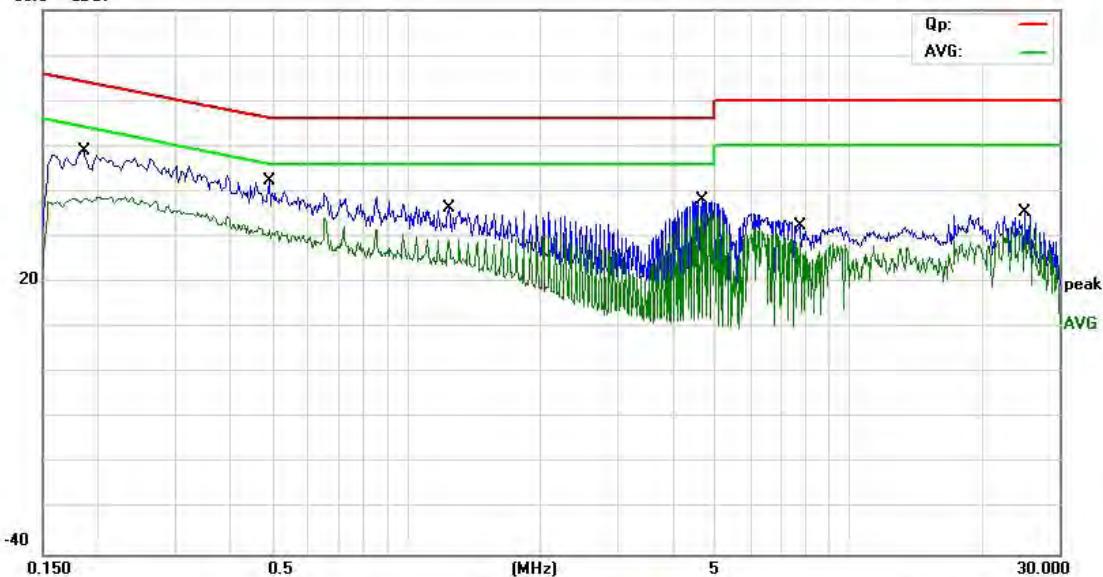
File : HL1916LA

Data : #18

Date: 12/12/20/

Time: 9:32:24

80.0 dBuV



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: HL1916LA

Mode: Running "H" Pattern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1860	37.91	11.16	49.07	64.21	-15.14	QP	
2	*	0.4900	32.15	10.07	42.22	56.17	-13.95	QP	
3		1.2460	26.59	9.75	36.34	56.00	-19.66	QP	
4		4.6500	26.36	11.65	38.01	56.00	-17.99	QP	
5		7.7300	21.97	10.36	32.33	60.00	-27.67	QP	
6		25.1420	26.31	9.00	35.31	60.00	-24.69	QP	

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

Engineer Signature:

Allen



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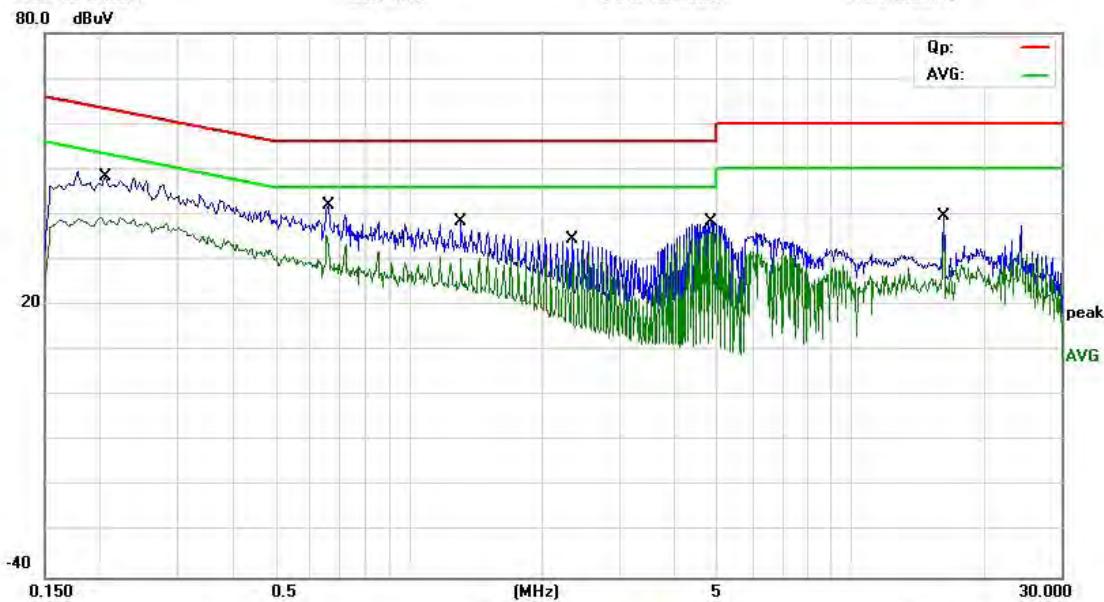
Conducted Emission Measurement

File : HL1916LA

Data : #19

Date: 12/12/20/

Time: 9:35:41



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: HL1916LA

Mode: Running "H" Pattern

Note: VGA:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2060	36.50	11.96	48.46	63.37	-14.91	QP	
2	*	0.6580	32.15	10.00	42.15	56.00	-13.85	QP	
3		1.3100	28.65	9.69	38.34	56.00	-17.66	QP	
4		2.3580	25.09	9.36	34.45	56.00	-21.55	QP	
5		4.8460	26.45	11.85	38.30	56.00	-17.70	QP	
6		16.2020	30.60	9.00	39.60	60.00	-20.40	QP	

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

Engineer Signature:

Allen



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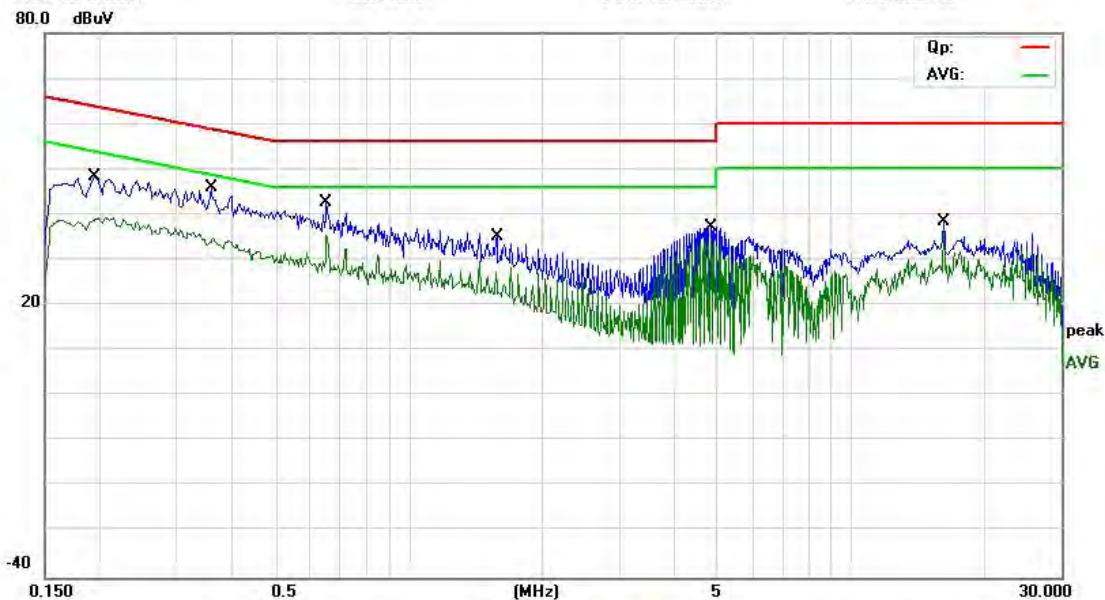
Conducted Emission Measurement

File : HL1916LA

Data : #20

Date: 12/12/20/

Time: 9:39:08



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: HL1916LA

Mode: Running "H" Pattern

Note: VGA:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1940	36.69	11.64	48.33	63.86	-15.53	QP	
2	*	0.3580	34.93	10.95	45.88	58.77	-12.89	QP	
3		0.6540	32.55	10.00	42.55	56.00	-13.45	QP	
4		1.5780	25.58	9.42	35.00	56.00	-21.00	QP	
5		4.8460	25.42	11.85	37.27	56.00	-18.73	QP	
6		16.1980	29.60	9.00	38.60	60.00	-21.40	QP	

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

Engineer Signature:

Allen



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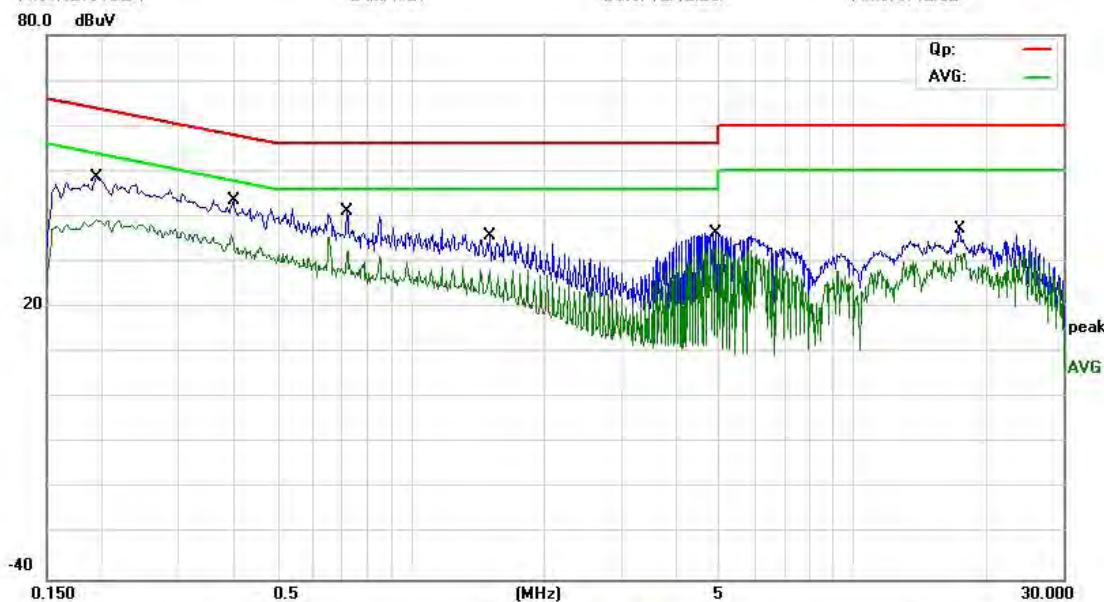
Conducted Emission Measurement

File : HL1916LA

Data : #21

Date: 12/12/20/

Time: 9:42:52



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: HL1916LA

Mode: Running "H" Pattern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1940	37.07	11.64	48.71	63.86	-15.15	QP	
2	*	0.3980	32.83	10.68	43.51	57.90	-14.39	QP	
3		0.7180	31.13	10.00	41.13	56.00	-14.87	QP	
4		1.5060	26.11	9.49	35.60	56.00	-20.40	QP	
5		4.9100	24.52	11.91	36.43	56.00	-19.57	QP	
6		17.4780	28.22	9.00	37.22	60.00	-22.78	QP	

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

Engineer Signature:

Allen



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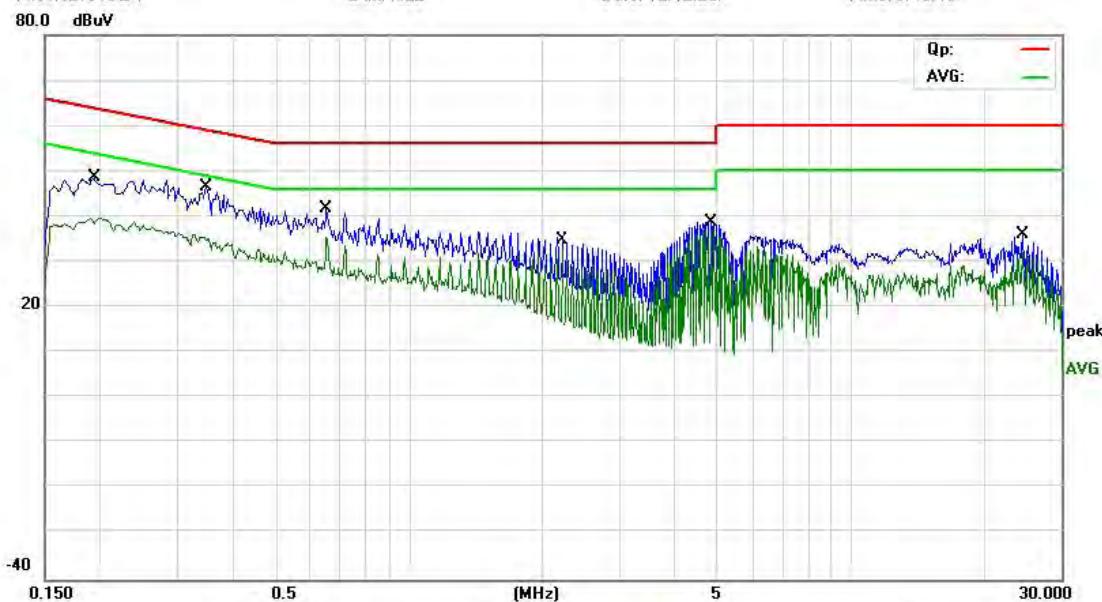
Conducted Emission Measurement

File : HL1916LA

Data : #22

Date: 12/12/20/

Time: 9:46:15



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: HL1916LA

Mode: Running "H" Pattern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over Detector	Over	
								Comment	
1		0.1940	37.10	11.64	48.74	63.86	-15.12	QP	
2	*	0.3500	35.66	11.00	46.66	58.96	-12.30	QP	
3		0.6540	31.65	10.00	41.65	56.00	-14.35	QP	
4		2.2260	25.60	9.23	34.83	56.00	-21.17	QP	
5		4.8420	26.94	11.84	38.78	56.00	-17.22	QP	
6		24.5420	27.11	9.00	36.11	60.00	-23.89	QP	

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

Engineer Signature:

Allen



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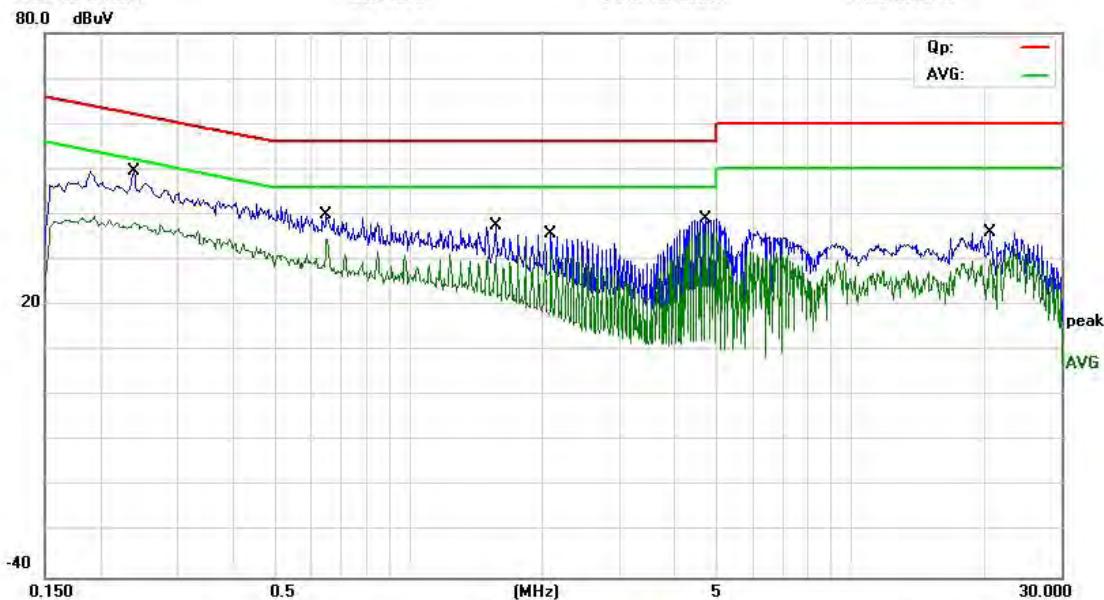
Conducted Emission Measurement

File :HL1916LA

Data :#23

Date: 12/12/20/

Time: 9:49:46



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: HL1916LA

Mode: Running "H" Pattern

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2380	37.90	11.75	49.65	62.17	-12.52	QP	
2		0.6540	29.84	10.00	39.84	56.00	-16.16	QP	
3		1.5700	28.13	9.43	37.56	56.00	-18.44	QP	
4		2.0940	26.68	9.09	35.77	56.00	-20.23	QP	
5		4.7100	27.34	11.71	39.05	56.00	-16.95	QP	
6		20.7940	27.11	9.00	36.11	60.00	-23.89	QP	

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

Engineer Signature:

Allen



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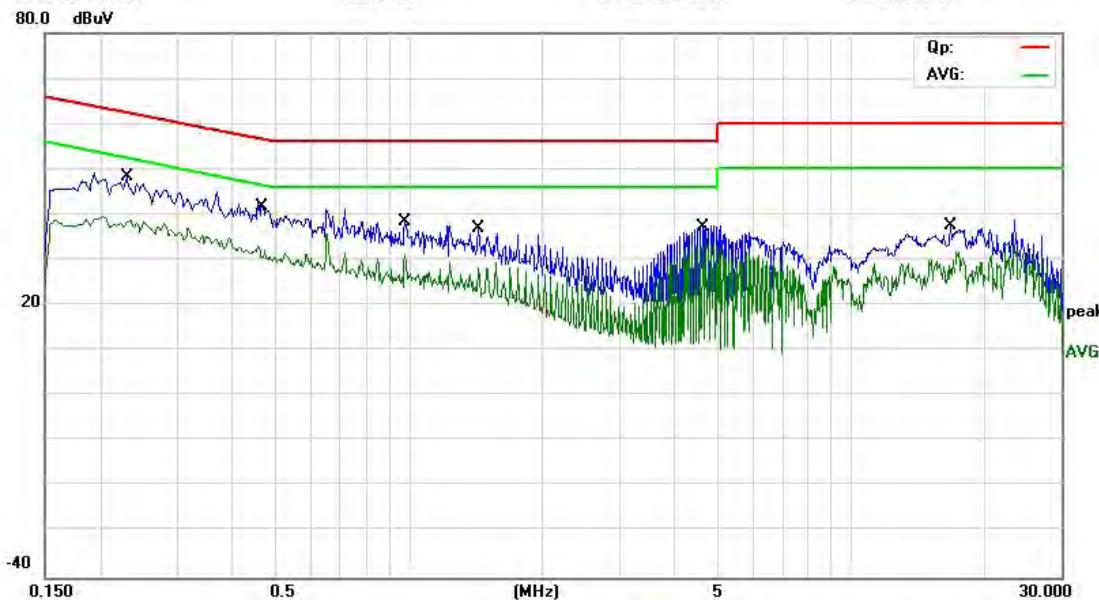
Conducted Emission Measurement

File : HL1916LA

Data : #24

Date: 12/12/20/

Time: 9:52:57



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: HL1916LA

Mode: Running "H" Pattern

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2300	36.58	11.80	48.38	62.45	-14.07	QP	
2		0.4700	31.38	10.20	41.58	56.51	-14.93	QP	
3		0.9860	27.85	10.00	37.85	56.00	-18.15	QP	
4		1.4380	27.32	9.56	36.88	56.00	-19.12	QP	
5		4.5780	25.50	11.58	37.08	56.00	-18.92	QP	
6		16.8180	28.46	9.00	37.46	60.00	-22.54	QP	

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

Engineer Signature:

Allen



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

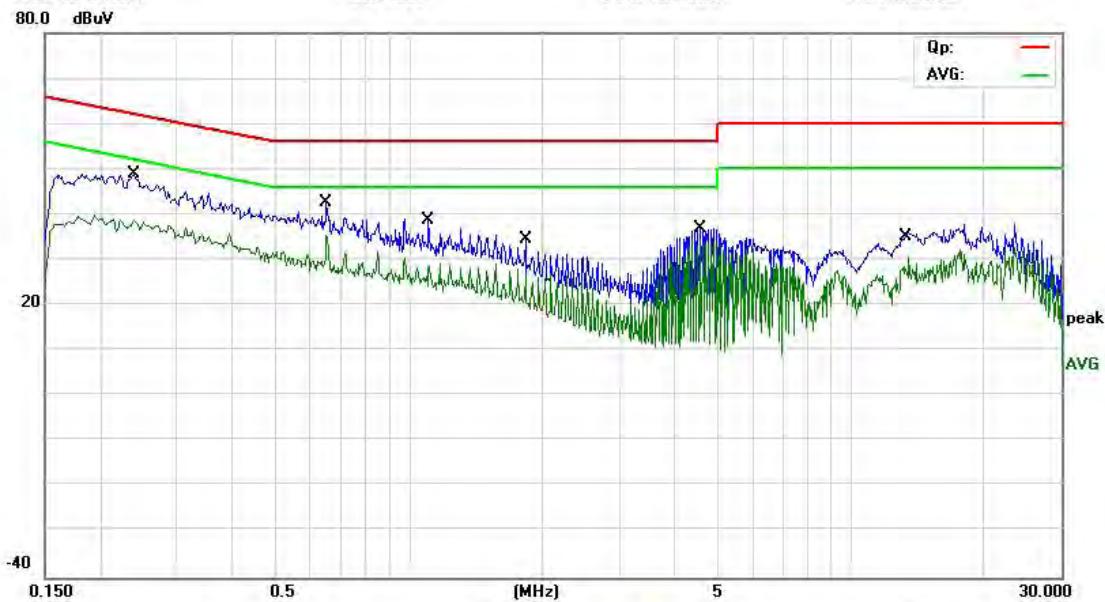
Conducted Emission Measurement

File : HL1916LA

Data : #25

Date: 12/12/20/

Time: 9:56:32



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: HL1916LA

Mode: Running "H" Pattern

Note: DVI:800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dB	Over Detector	Over	
								Comment	
1	*	0.2380	37.12	11.75	48.87	62.17	-13.30	QP	
2		0.6540	32.69	10.00	42.69	56.00	-13.31	QP	
3		1.1100	28.91	9.89	38.80	56.00	-17.20	QP	
4		1.8300	25.35	9.17	34.52	56.00	-21.48	QP	
5		4.5780	25.45	11.58	37.03	56.00	-18.97	QP	
6		13.0820	25.57	9.00	34.57	60.00	-25.43	QP	

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

Engineer Signature: Allen



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Tel: 0755-86170306 Fax: 0755-86170310

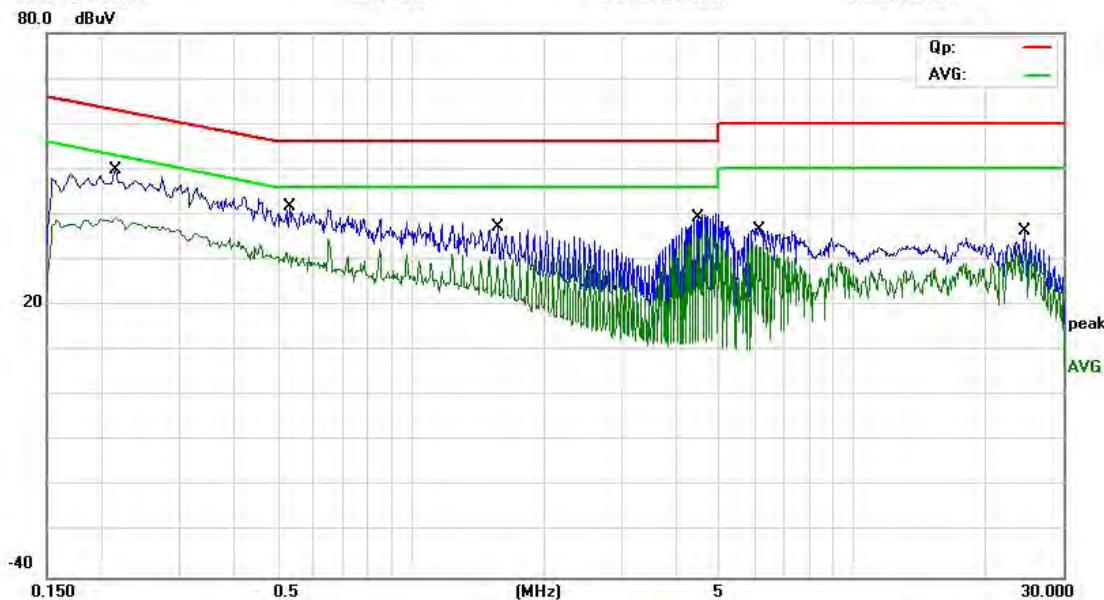
Conducted Emission Measurement

File : HL1916LA

Data : #26

Date: 12/12/20/

Time: 10:00:14



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: HL1916LA

Mode: Running "H" Pattern

Note: DVI:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2140	37.99	11.91	49.90	63.05	-13.15	QP	
2		0.5340	31.76	10.00	41.76	56.00	-14.24	QP	
3		1.5700	27.80	9.43	37.23	56.00	-18.77	QP	
4		4.4580	27.81	11.46	39.27	56.00	-16.73	QP	
5		6.1540	25.18	11.31	36.49	60.00	-23.51	QP	
6		24.5700	27.37	9.00	36.37	60.00	-23.63	QP	

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

Engineer Signature:

Allen



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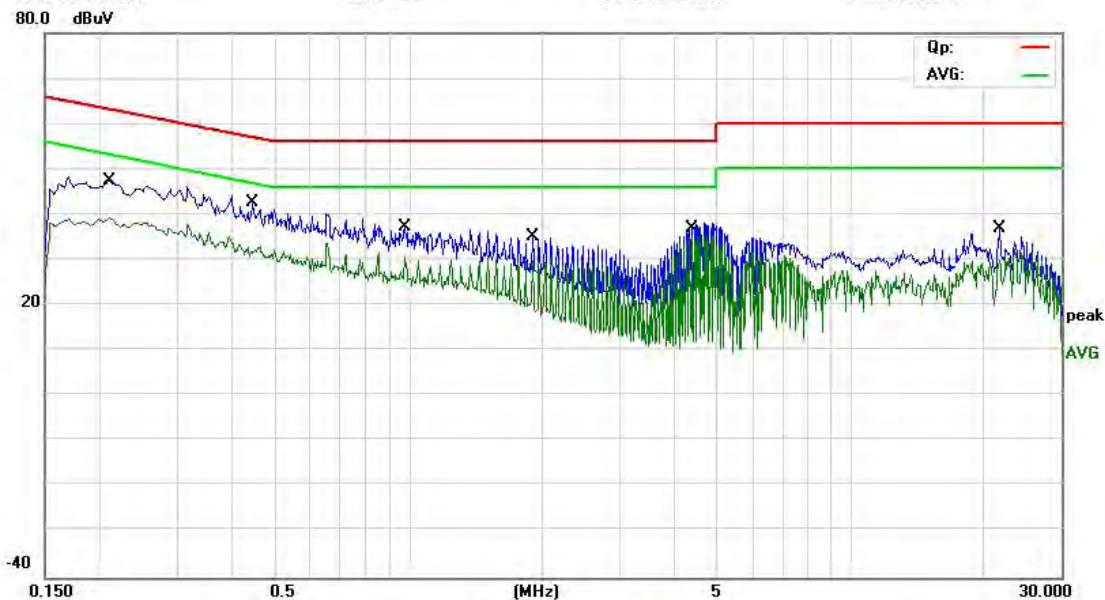
Conducted Emission Measurement

File : HL1916LA

Data : #27

Date: 12/12/20/

Time: 10:03:57



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: HL1916LA

Mode: Running "H" Pattern

Note: DP

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2100	35.64	11.93	47.57	63.21	-15.64	QP	
2	*	0.4460	32.14	10.36	42.50	56.95	-14.45	QP	
3		0.9820	27.28	10.00	37.28	56.00	-18.72	QP	
4		1.9020	25.93	9.10	35.03	56.00	-20.97	QP	
5		4.3260	25.45	11.33	36.78	56.00	-19.22	QP	
6		21.8180	27.97	9.00	36.97	60.00	-23.03	QP	

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

Engineer Signature: Allen



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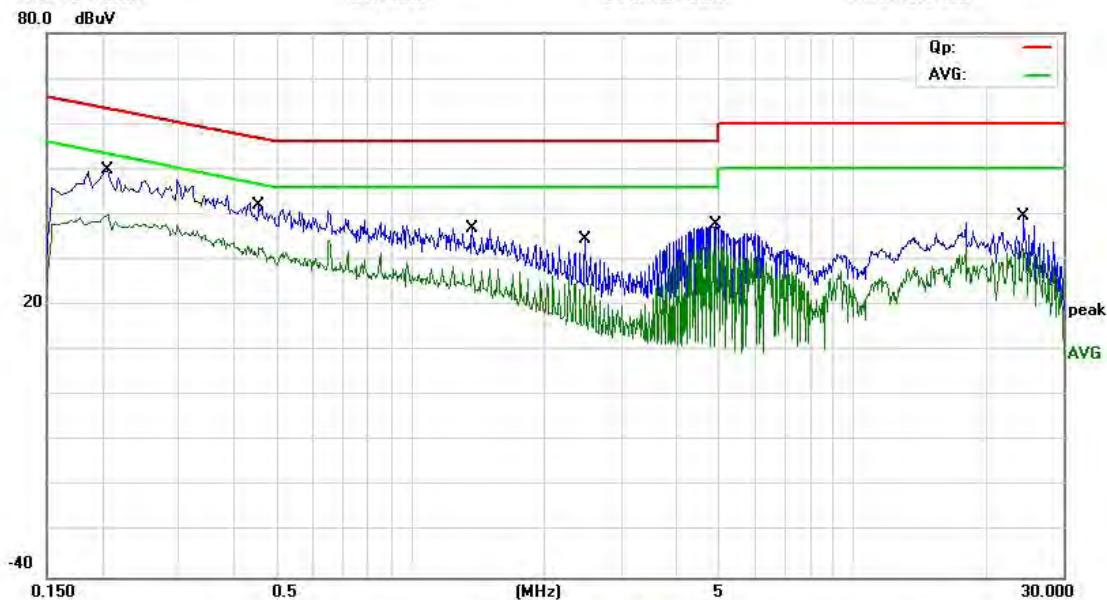
Conducted Emission Measurement

File : HL1916LA

Data : #28

Date: 12/12/20/

Time: 10:07:35



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: HL1916LA

Mode: Running "H" Pattern

Note: DP

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2060	37.80	11.96	49.76	63.37	-13.61	QP	
2		0.4540	31.67	10.31	41.98	56.80	-14.82	QP	
3		1.3780	27.43	9.62	37.05	56.00	-18.95	QP	
4		2.4900	24.98	9.49	34.47	56.00	-21.53	QP	
5		4.9140	26.08	11.91	37.99	56.00	-18.01	QP	
6		24.4420	30.65	9.00	39.65	60.00	-20.35	QP	

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

Engineer Signature:

Allen



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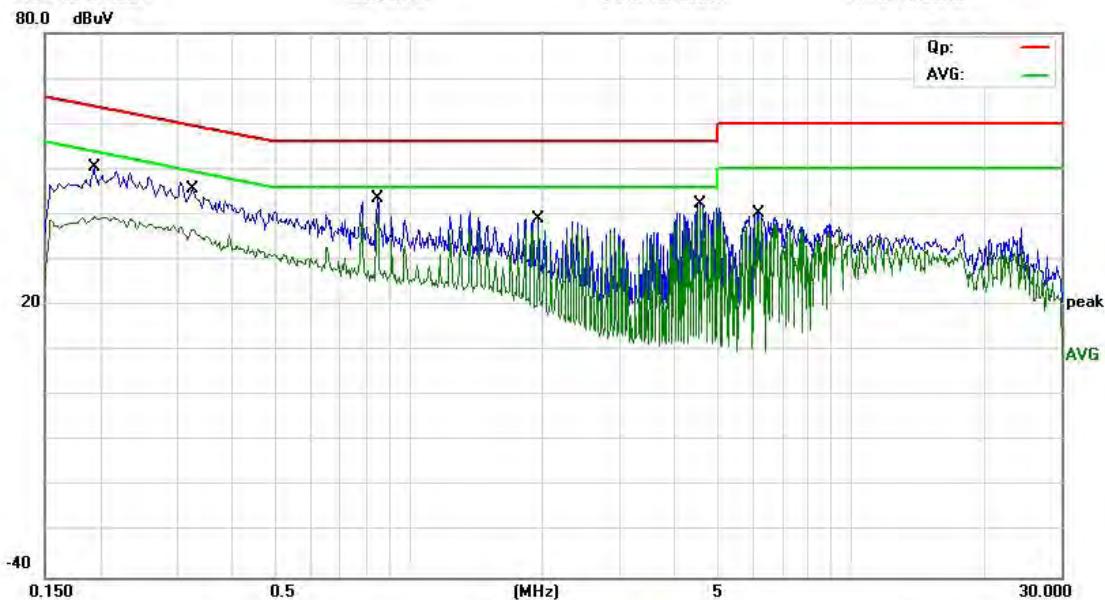
Conducted Emission Measurement

File : HL1916LBT

Data : #15

Date: 12/12/20/

Time: 11/28/16



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: HL1916LBT

Mode: Running "H" Partten

Note: VGA:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1940	38.73	11.64	50.37	63.86	-13.49	QP	
2		0.3260	34.48	11.16	45.64	59.55	-13.91	QP	
3	*	0.8500	33.63	10.00	43.63	56.00	-12.37	QP	
4		1.9620	30.05	9.04	39.09	56.00	-16.91	QP	
5		4.5780	30.82	11.58	42.40	56.00	-13.60	QP	
6		6.2140	28.99	11.27	40.26	60.00	-19.74	QP	

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

Engineer Signature: Allen



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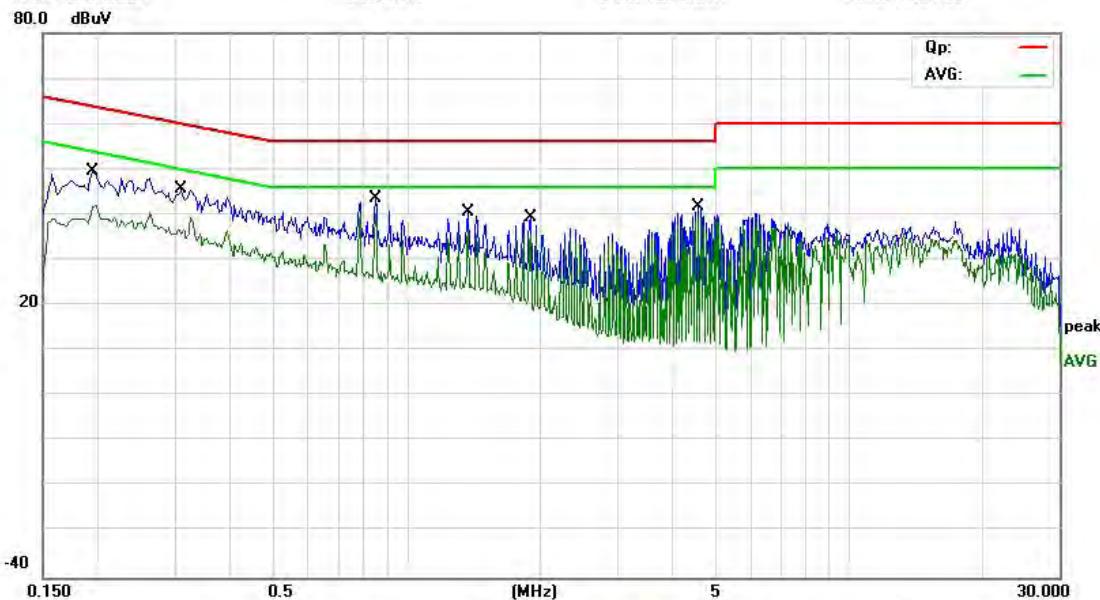
Conducted Emission Measurement

File : HL1916LBT

Data : #16

Date: 12/12/20/

Time: 11:31:30



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: HL1916LBT

Mode: Running "H" Partten

Note: VGA:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1940	37.96	11.64	49.60	63.86	-14.26	QP	
2		0.3100	34.24	11.27	45.51	59.97	-14.46	QP	
3	*	0.8500	33.47	10.00	43.47	56.00	-12.53	QP	
4		1.3740	30.92	9.63	40.55	56.00	-15.45	QP	
5		1.8980	30.32	9.10	39.42	56.00	-16.58	QP	
6		4.5780	30.12	11.58	41.70	56.00	-14.30	QP	

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

Engineer Signature:

Allen



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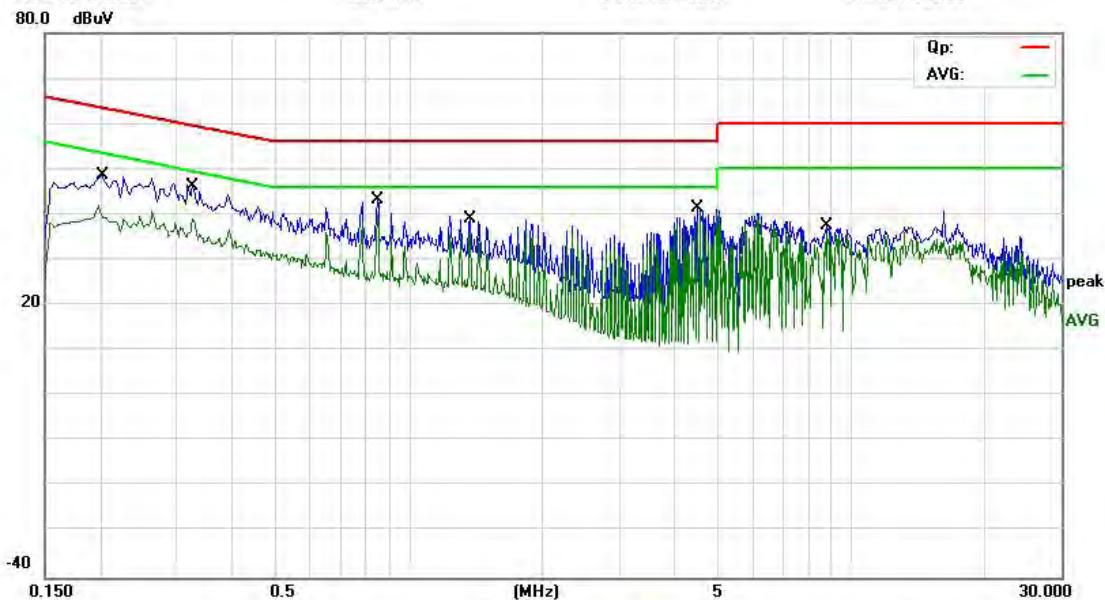
Conducted Emission Measurement

File : HL1916LBT

Data : #17

Date: 12/12/20/

Time: 11:35:56



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: HL1916LBT

Mode: Running "H" Partten

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2020	36.74	11.99	48.73	63.53	-14.80	QP	
2		0.3260	34.95	11.16	46.11	59.55	-13.44	QP	
3	*	0.8500	33.19	10.00	43.19	56.00	-12.81	QP	
4		1.3740	29.39	9.63	39.02	56.00	-16.98	QP	
5		4.5100	29.91	11.51	41.42	56.00	-14.58	QP	
6		8.8260	27.72	9.70	37.42	60.00	-22.58	QP	

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

Engineer Signature: Allen



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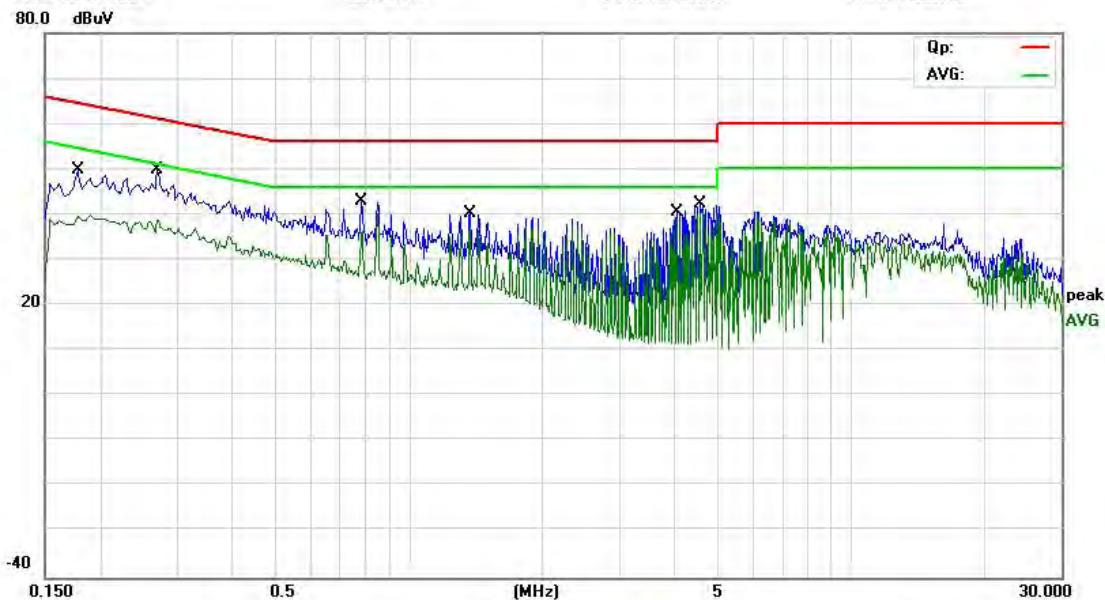
Conducted Emission Measurement

File : HL1916LBT

Data : #18

Date: 12/12/20/

Time: 11/39/12



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: HL1916LBT

Mode: Running "H" Partten

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1780	39.23	10.68	49.91	64.58	-14.67	QP	
2	*	0.2700	38.29	11.53	49.82	61.12	-11.30	QP	
3		0.7820	32.95	10.00	42.95	56.00	-13.05	QP	
4		1.3740	30.52	9.63	40.15	56.00	-15.85	QP	
5		4.0540	29.39	11.05	40.44	56.00	-15.56	QP	
6		4.5780	30.71	11.58	42.29	56.00	-13.71	QP	

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

Engineer Signature:

Allen



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Conducted Emission Measurement

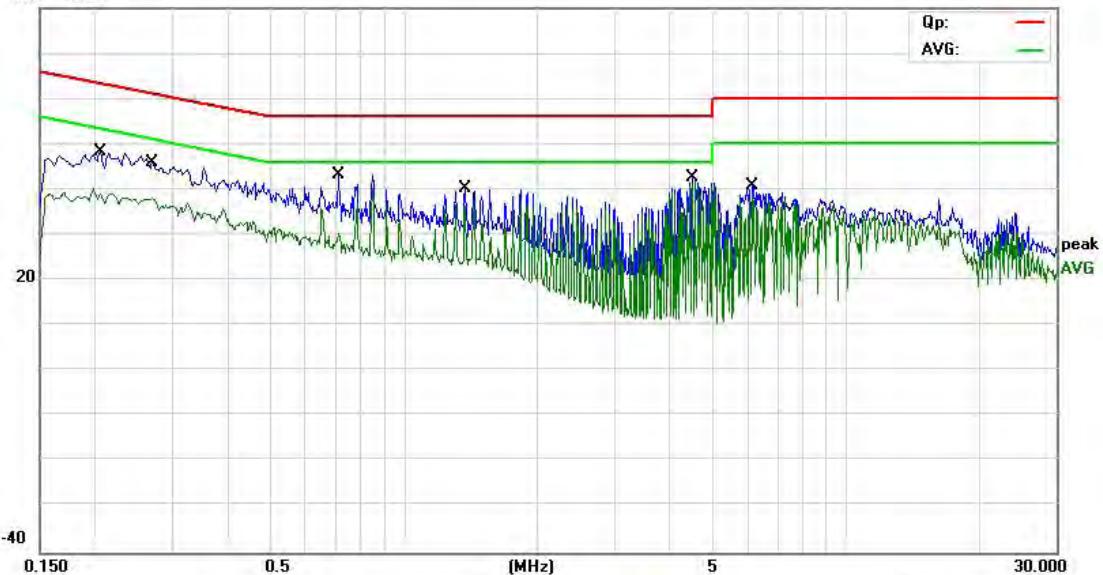
File : HL1916LBT

Data : #19

Date: 12/12/20/

Time: 11/43/02

80.0 dBuV



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: HL1916LBT

Mode: Running "H" Partten

Note: VGA:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2060	36.52	11.96	48.48	63.37	-14.89	QP	
2		0.2700	34.44	11.53	45.97	61.12	-15.15	QP	
3	*	0.7140	33.17	10.00	43.17	56.00	-12.83	QP	
4		1.3740	30.56	9.63	40.19	56.00	-15.81	QP	
5		4.5100	31.13	11.51	42.64	56.00	-13.36	QP	
6		6.1460	29.41	11.31	40.72	60.00	-19.28	QP	

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

Engineer Signature:

Allen



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Conducted Emission Measurement

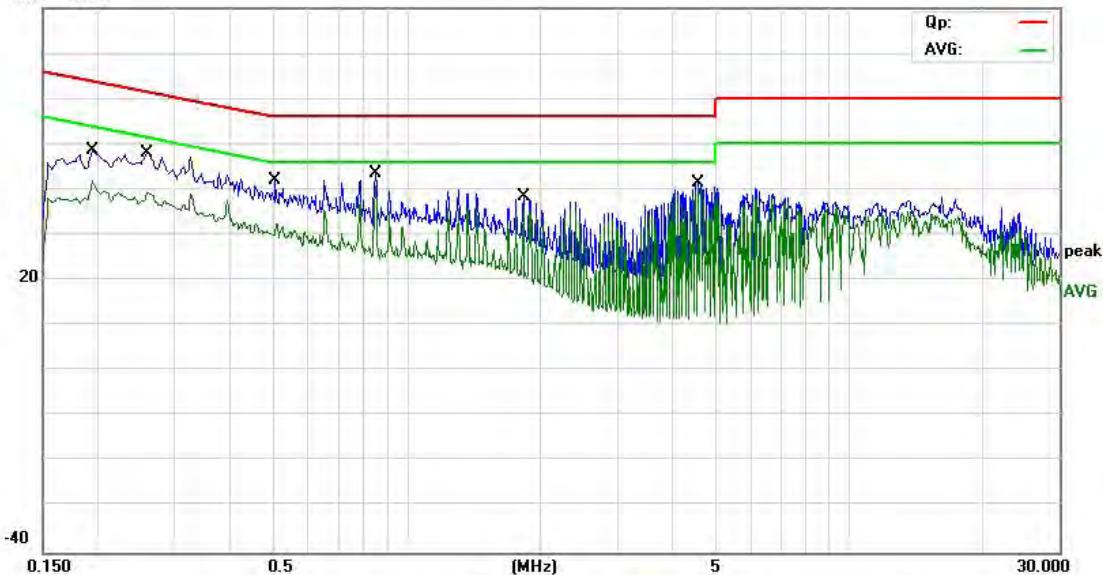
File : HL1916LBT

Data : #20

Date: 12/12/20/

Time: 11/46/57

80.0 dBuV



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: HL1916LBT

Mode: Running "H" Partten

Note: VGA:800*600@75Hz

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over		Comment
						Detector		
1	0.1940	36.96	11.64	48.60	63.86	-15.26	QP	
2	0.2580	36.50	11.61	48.11	61.50	-13.39	QP	
3	0.5060	32.05	10.00	42.05	56.00	-13.95	QP	
4 *	0.8500	33.64	10.00	43.64	56.00	-12.36	QP	
5	1.8300	29.34	9.17	38.51	56.00	-17.49	QP	
6	4.5780	29.97	11.58	41.55	56.00	-14.45	QP	

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

Engineer Signature:

Allen



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Conducted Emission Measurement

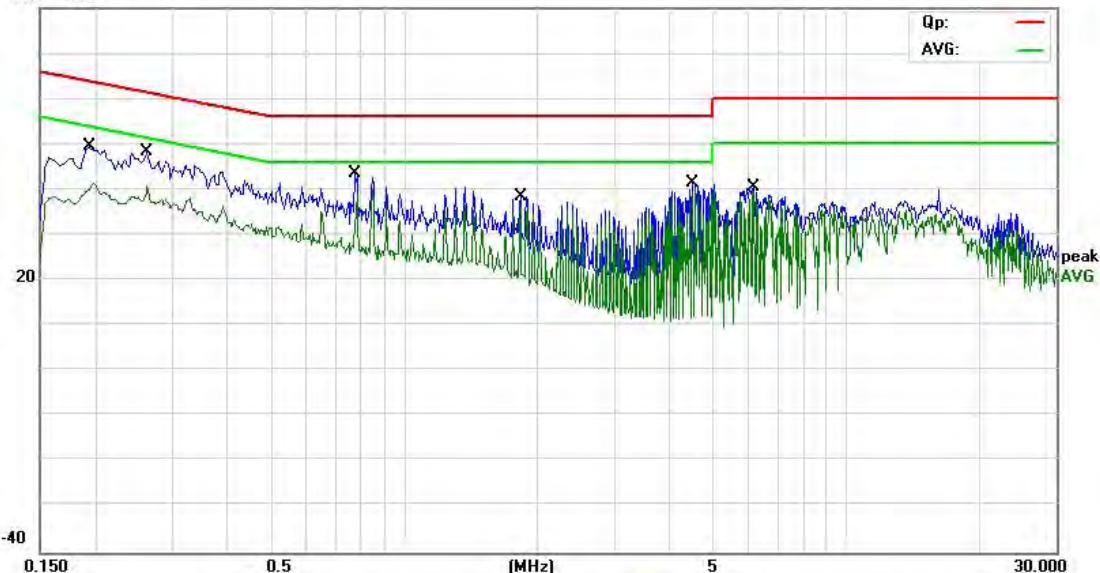
File : HL1916LBT

Data : #21

Date: 12/12/20/

Time: 11:50:53

80.0 dBuV



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: HL1916LBT

Mode: Running "H" Partten

Note: DVI:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1940	37.99	11.64	49.63	63.86	-14.23	QP	
2		0.2620	36.62	11.59	48.21	61.37	-13.16	QP	
3	*	0.7780	33.43	10.00	43.43	56.00	-12.57	QP	
4		1.8300	29.28	9.17	38.45	56.00	-17.55	QP	
5		4.5100	30.06	11.51	41.57	56.00	-14.43	QP	
6		6.2100	29.30	11.27	40.57	60.00	-19.43	QP	

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

Engineer Signature:

Allen



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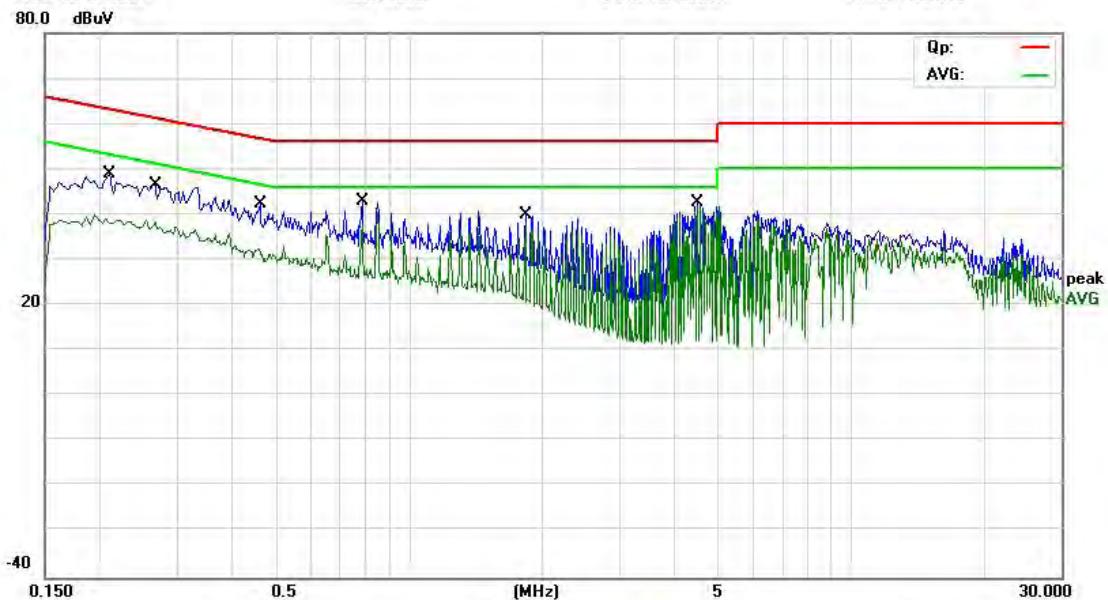
Conducted Emission Measurement

File : HL1916LBT

Data : #22

Date: 12/12/20/

Time: 11/54/15



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: HL1916LBT

Mode: Running "H" Partten

Note: DVI:1024*768@60Hz

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over		Comment
						Detector		
1	0.2100	37.08	11.93	49.01	63.21	-14.20	QP	
2	0.2660	35.09	11.56	46.65	61.24	-14.59	QP	
3	0.4620	32.05	10.25	42.30	56.66	-14.36	QP	
4 *	0.7860	32.82	10.00	42.82	56.00	-13.18	QP	
5	1.8300	30.64	9.17	39.81	56.00	-16.19	QP	
6	4.5100	31.27	11.51	42.78	56.00	-13.22	QP	

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

Engineer Signature:

Allen



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Conducted Emission Measurement

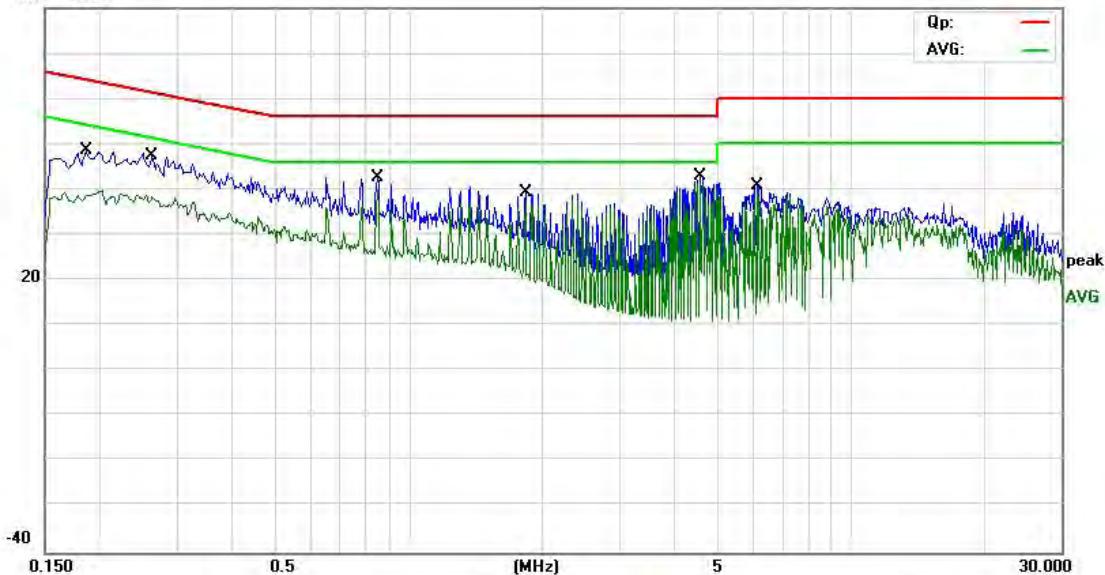
File : HL1916LBT

Data : #23

Date: 12/12/20/

Time: 11:58:19

80.0 dBuV



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: HL1916LBT

Mode: Running "H" Partten

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1860	37.41	11.16	48.57	64.21	-15.64	QP	
2		0.2620	35.91	11.59	47.50	61.37	-13.87	QP	
3		0.8500	32.55	10.00	42.55	56.00	-13.45	QP	
4		1.8300	30.27	9.17	39.44	56.00	-16.56	QP	
5	*	4.5780	31.24	11.58	42.82	56.00	-13.18	QP	
6		6.1420	29.56	11.31	40.87	60.00	-19.13	QP	

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

Engineer Signature:

Allen



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Conducted Emission Measurement

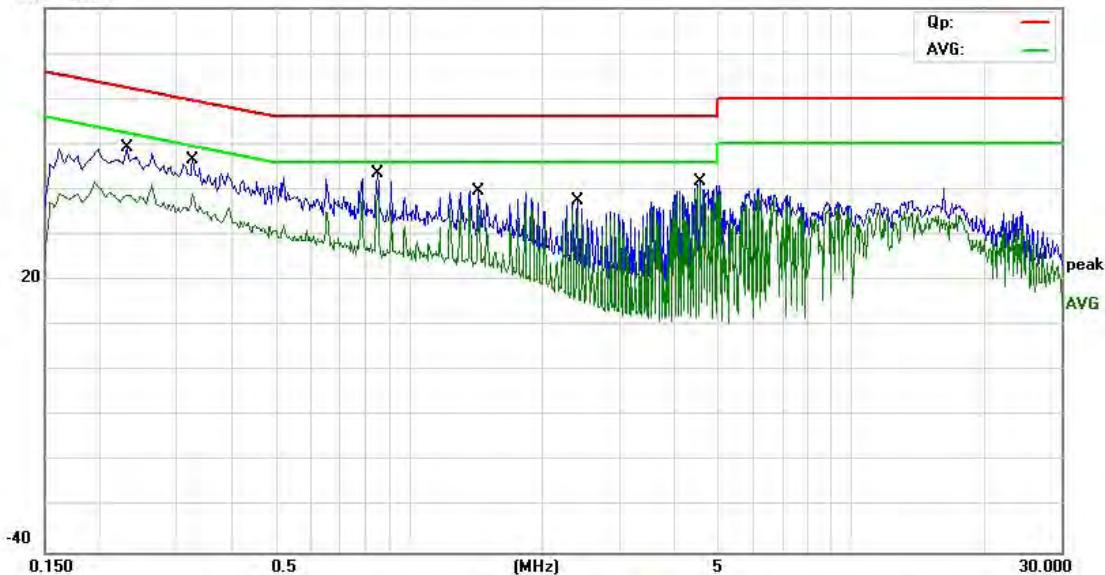
File : HL1916LBT

Data : #24

Date: 12/12/20/

Time: 12/03/17

80.0 dBuV



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: HL1916LBT

Mode: Running "H" Partten

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over Detector	Over	
								Comment	
1		0.2300	37.42	11.80	49.22	62.45	-13.23	QP	
2		0.3260	35.26	11.16	46.42	59.55	-13.13	QP	
3	*	0.8500	33.63	10.00	43.63	56.00	-12.37	QP	
4		1.4380	30.20	9.56	39.76	56.00	-16.24	QP	
5		2.4180	28.13	9.42	37.55	56.00	-18.45	QP	
6		4.5740	30.19	11.57	41.76	56.00	-14.24	QP	

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

Engineer Signature:

Allen



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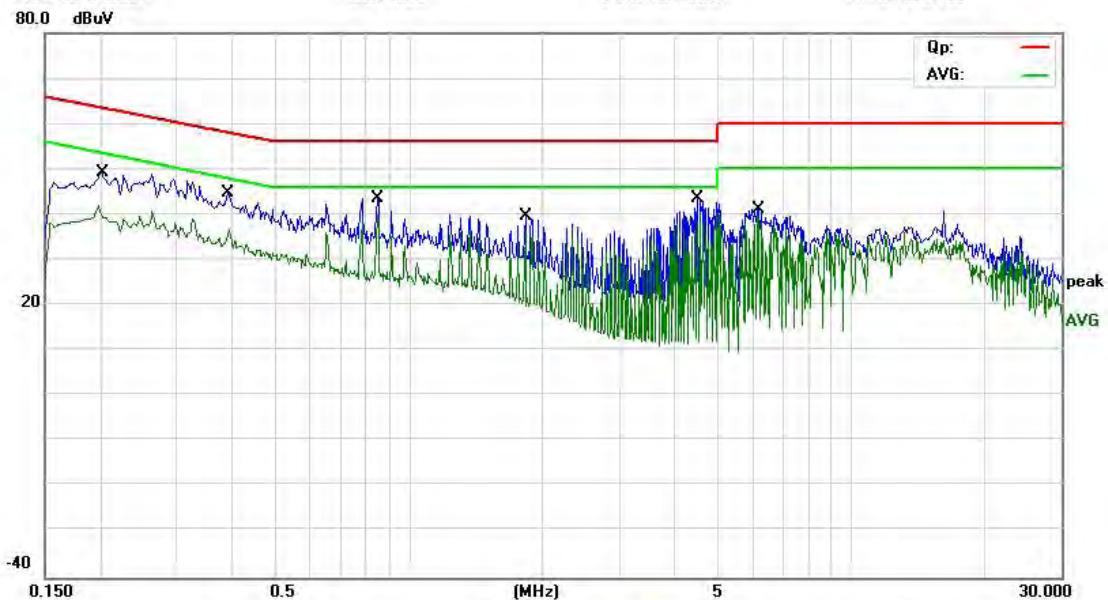
Conducted Emission Measurement

File : HL1916LBT

Data : #25

Date: 12/12/20/

Time: 12:07:56



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: HL1916LBT

Mode: Running "H" Partten

Note: DVI:800*600@75Hz

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over		Comment
						Detector		
1	0.2020	37.24	11.99	49.23	63.53	-14.30	QP	
2	0.3900	34.13	10.73	44.86	58.06	-13.20	QP	
3 *	0.8500	33.69	10.00	43.69	56.00	-12.31	QP	
4	1.8300	30.44	9.17	39.61	56.00	-16.39	QP	
5	4.5100	31.91	11.51	43.42	56.00	-12.58	QP	
6	6.2100	29.83	11.27	41.10	60.00	-18.90	QP	

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

Engineer Signature:

Allen



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

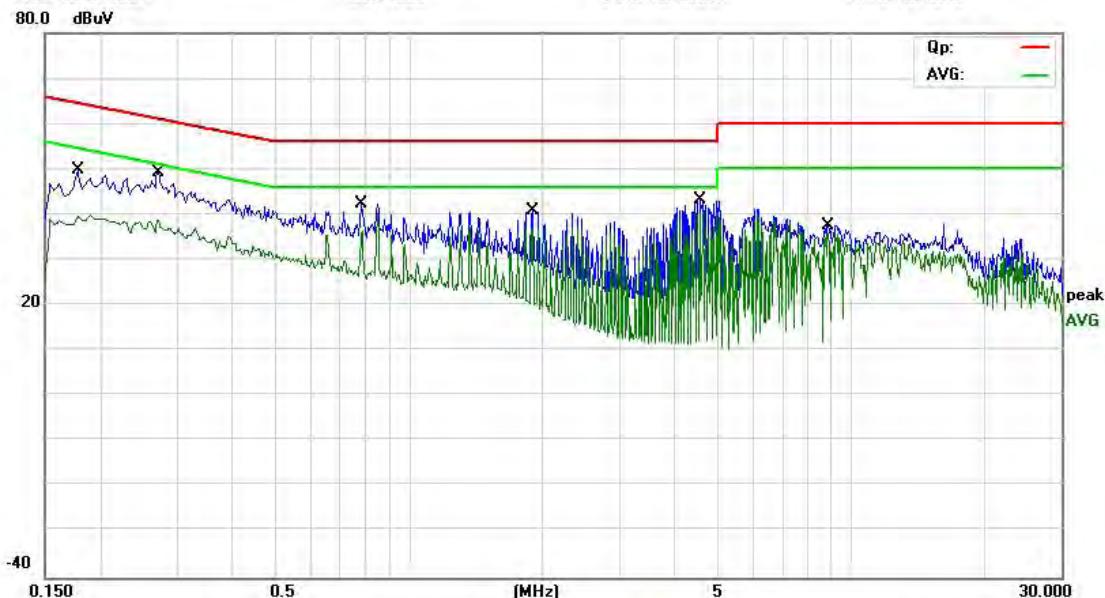
Conducted Emission Measurement

File : HL1916LBT

Data : #26

Date: 12/12/20/

Time: 12/12/12



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: HL1916LBT

Mode: Running "H" Partten

Note: DVI:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1780	39.23	10.68	49.91	64.58	-14.67	QP	
2	*	0.2701	37.84	11.53	49.37	61.11	-11.74	QP	
3		0.7820	32.45	10.00	42.45	56.00	-13.55	QP	
4		1.8980	31.86	9.10	40.96	56.00	-15.04	QP	
5		4.5780	31.71	11.58	43.29	56.00	-12.71	QP	
6		8.8940	27.98	9.66	37.64	60.00	-22.36	QP	

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

Engineer Signature:

Allen



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Conducted Emission Measurement

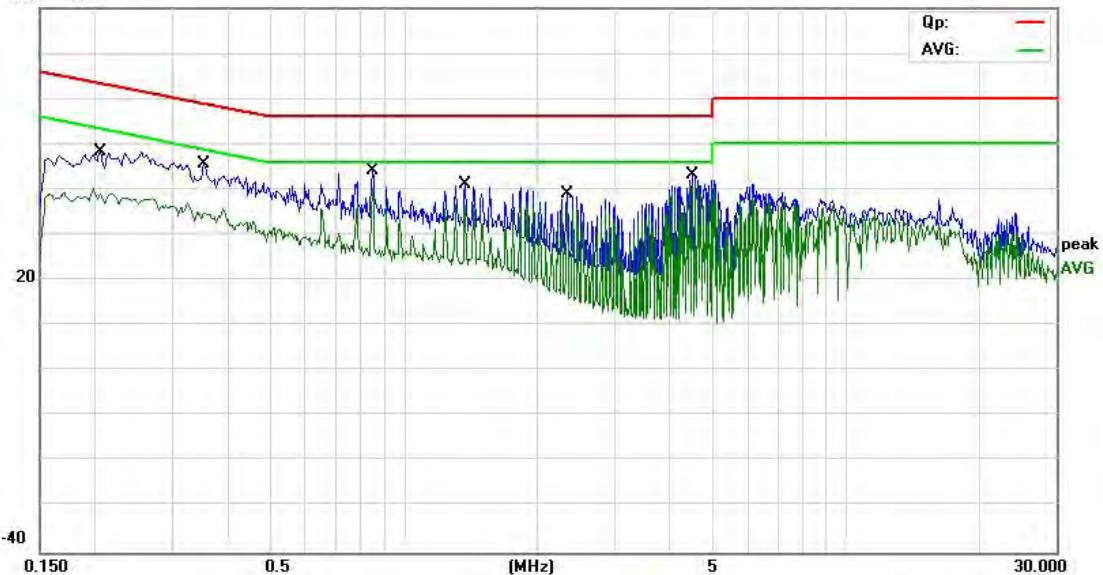
File : HL1916LBT

Data : #27

Date: 12/12/20/

Time: 12/15/51

80.0 dBuV



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: HL1916LBT

Mode: Running "H" Partten

Note: DP

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2060	36.52	11.96	48.48	63.37	-14.89	QP	
2		0.3540	34.71	10.97	45.68	58.87	-13.19	QP	
3	*	0.8500	34.16	10.00	44.16	56.00	-11.84	QP	
4		1.3740	31.56	9.63	41.19	56.00	-14.81	QP	
5		2.3540	29.61	9.35	38.96	56.00	-17.04	QP	
6		4.5100	31.63	11.51	43.14	56.00	-12.86	QP	

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

Engineer Signature:

Allen



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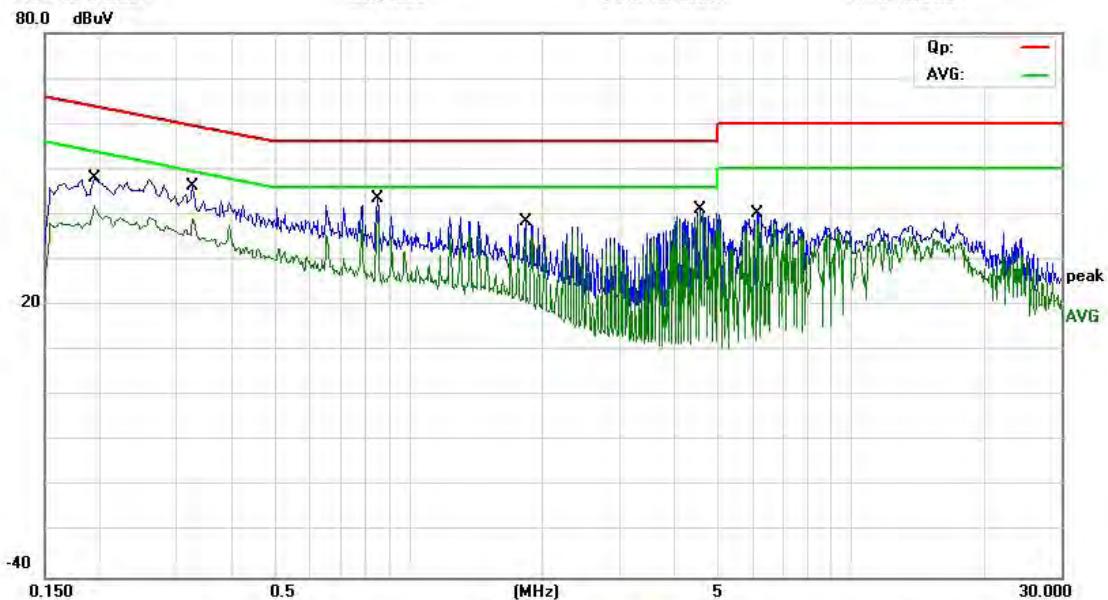
Conducted Emission Measurement

File : HL1916LBT

Data : #28

Date: 12/12/20/

Time: 12/20/04



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: HL1916LBT

Mode: Running "H" Partten

Note: DP

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1940	36.46	11.64	48.10	63.86	-15.76	QP	
2		0.3260	35.01	11.16	46.17	59.55	-13.38	QP	
3	*	0.8500	33.64	10.00	43.64	56.00	-12.36	QP	
4		1.8300	29.34	9.17	38.51	56.00	-17.49	QP	
5		4.5780	29.47	11.58	41.05	56.00	-14.95	QP	
6		6.1460	28.84	11.31	40.15	60.00	-19.85	QP	

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

Engineer Signature:

Allen



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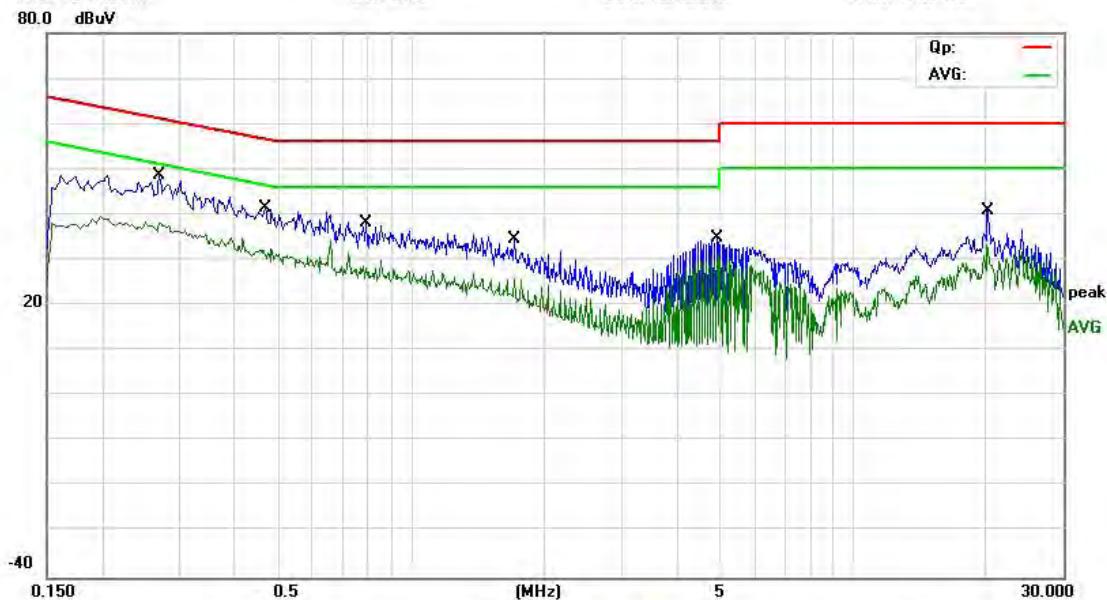
Conducted Emission Measurement

File : HL1916VA

Data : #15

Date: 12/12/20/

Time: 14:24:16



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: HL1916VA

Mode: Running "H" Parttern

Note: VGA:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2700	37.21	11.53	48.74	61.12	-12.38	QP	
2		0.4700	31.26	10.20	41.46	56.51	-15.05	QP	
3		0.7940	28.14	10.00	38.14	56.00	-17.86	QP	
4		1.7100	25.31	9.29	34.60	56.00	-21.40	QP	
5		4.9380	22.83	11.94	34.77	56.00	-21.23	QP	
6		20.2740	31.95	9.00	40.95	60.00	-19.05	QP	

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

Engineer Signature:

Allen



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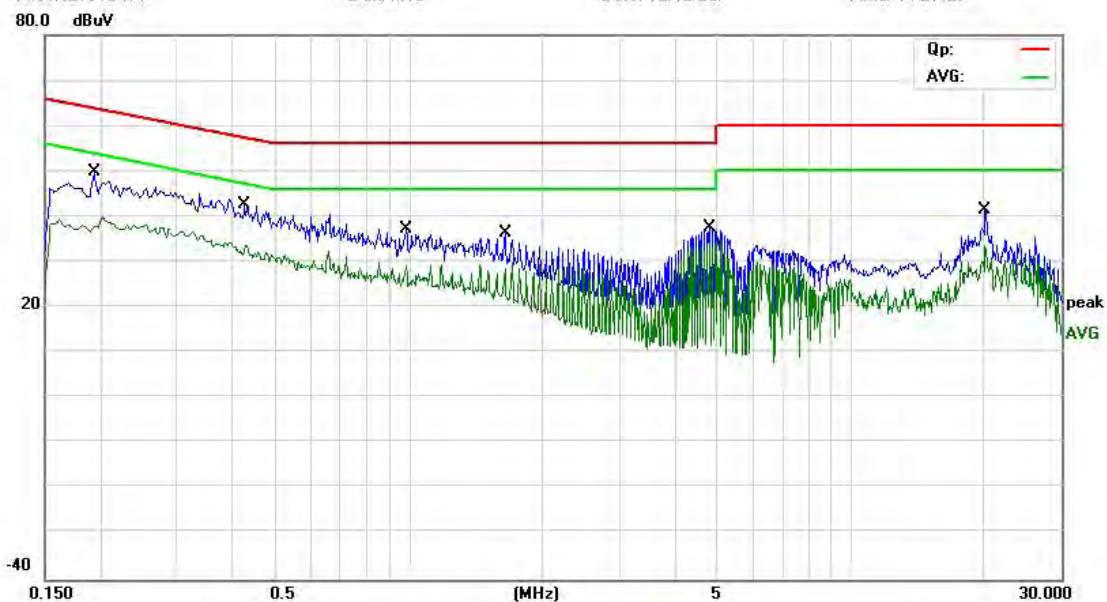
Conducted Emission Measurement

File : HL1916VA

Data : #16

Date: 12/12/20/

Time: 14:27:29



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: HL1916VA

Mode: Running "H" Parttern

Note: VGA:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1940	38.15	11.64	49.79	63.86	-14.07	QP	
2		0.4260	32.12	10.49	42.61	57.33	-14.72	QP	
3		0.9860	27.30	10.00	37.30	56.00	-18.70	QP	
4		1.6460	26.99	9.35	36.34	56.00	-19.66	QP	
5		4.8020	25.84	11.80	37.64	56.00	-18.36	QP	
6		20.2620	32.49	9.00	41.49	60.00	-18.51	QP	

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

Engineer Signature:

Allen



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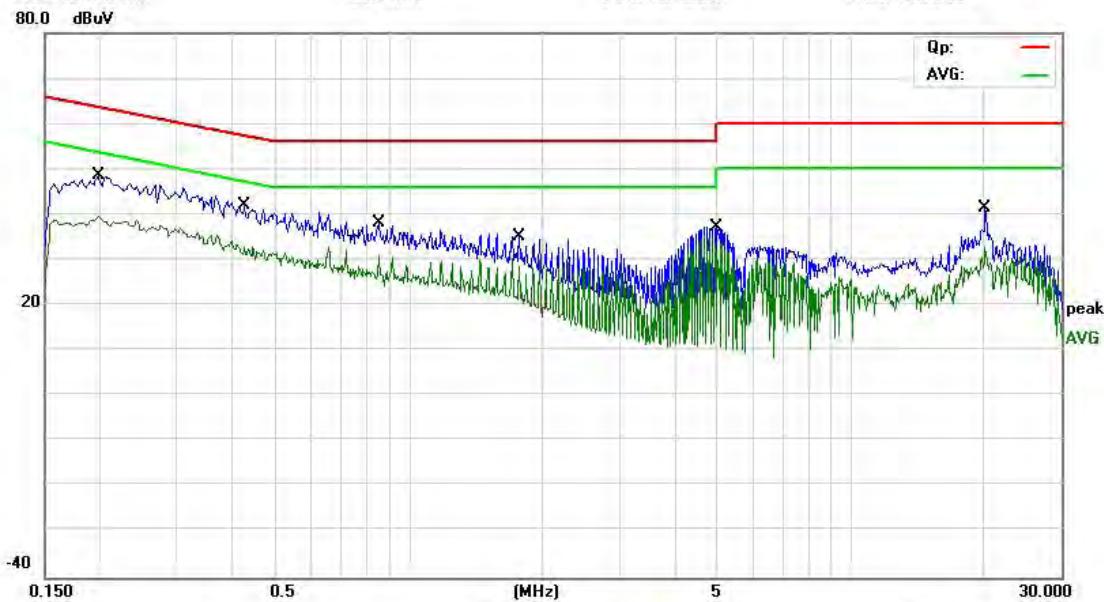
Conducted Emission Measurement

File : HL1916VA

Data : #17

Date: 12/12/20/

Time: 14:32:03



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: HL1916VA

Mode: Running "H" Parttern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1980	36.80	11.88	48.68	63.69	-15.01	QP	
2		0.4260	31.66	10.49	42.15	57.33	-15.18	QP	
3		0.8540	28.26	10.00	38.26	56.00	-17.74	QP	
4		1.7780	26.01	9.22	35.23	56.00	-20.77	QP	
5		4.9980	25.35	12.00	37.35	56.00	-18.65	QP	
6		20.2620	32.52	9.00	41.52	60.00	-18.48	QP	

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

Engineer Signature: Allen



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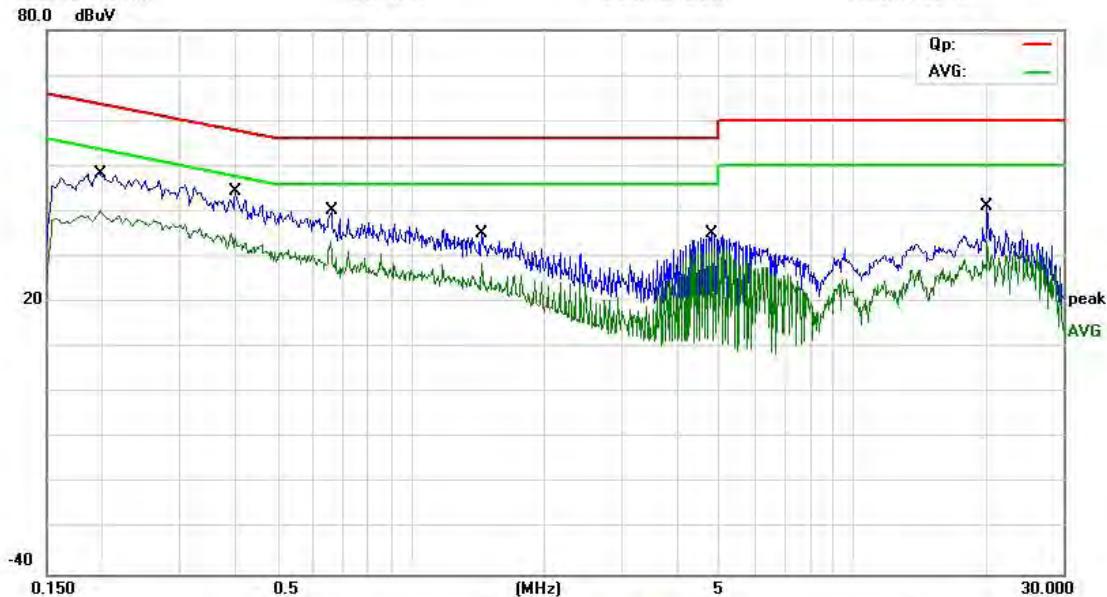
Conducted Emission Measurement

File :HL1916VA

Data :#18

Date: 12/12/20/

Time: 14:35:10



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: HL1916VA

Mode: Running "H" Parttern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1980	36.40	11.88	48.28	63.69	-15.41	QP	
2	*	0.4020	33.84	10.65	44.49	57.81	-13.32	QP	
3		0.6620	30.33	10.00	40.33	56.00	-15.67	QP	
4		1.4460	25.61	9.55	35.16	56.00	-20.84	QP	
5		4.8020	23.24	11.80	35.04	56.00	-20.96	QP	
6		20.2500	32.11	9.00	41.11	60.00	-18.89	QP	

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

Engineer Signature: Allen



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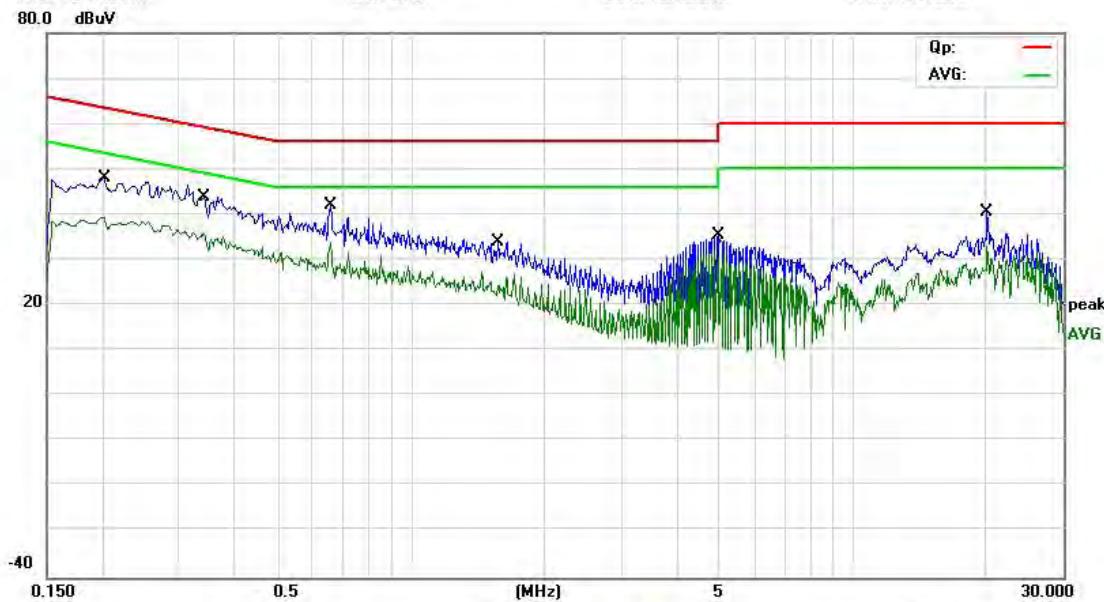
Conducted Emission Measurement

File : HL1916VA

Data : #19

Date: 12/12/20/

Time: 14:40:02



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: HL1916VA

Mode: Running "H" Parttern

Note: VGA:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2020	36.11	11.99	48.10	63.53	-15.43	QP	
2		0.3420	32.85	11.05	43.90	59.15	-15.25	QP	
3	*	0.6580	31.93	10.00	41.93	56.00	-14.07	QP	
4		1.5740	24.46	9.43	33.89	56.00	-22.11	QP	
5		4.9940	23.48	11.99	35.47	56.00	-20.53	QP	
6		20.2460	31.68	9.00	40.68	60.00	-19.32	QP	

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

Engineer Signature:

Allen



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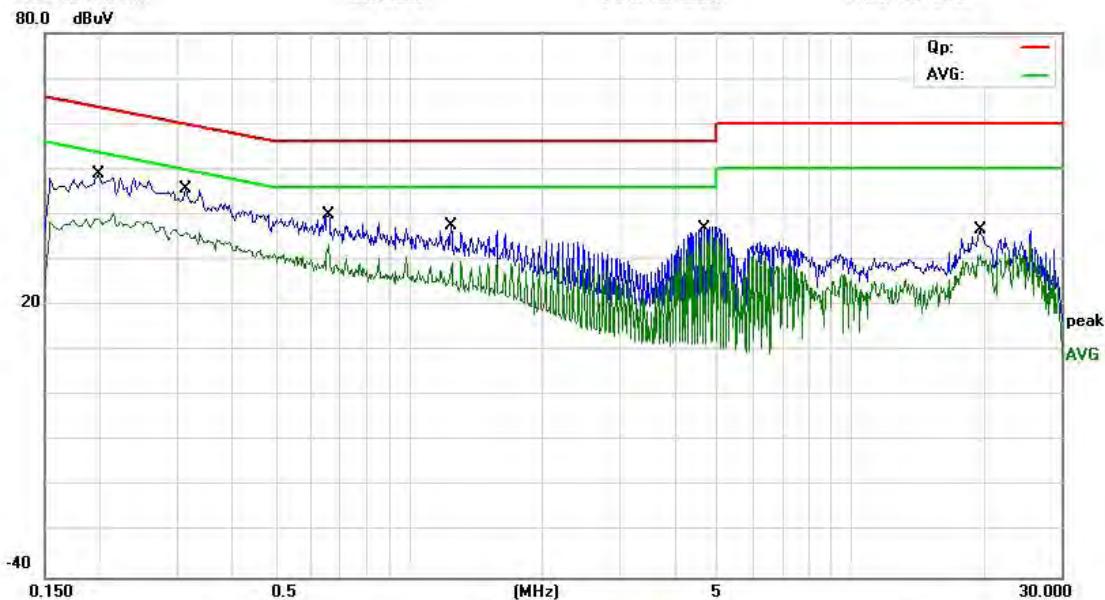
Conducted Emission Measurement

File : HL1916VA

Data : #20

Date: 12/12/20/

Time: 14:45:16



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: HL1916VA

Mode: Running "H" Parttern

Note: VGA:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
			MHz	dBuV	dB	dBuV	dB		
1		0.1980	37.17	11.88	49.05	63.69	-14.64	QP	
2	*	0.3140	34.50	11.24	45.74	59.86	-14.12	QP	
3		0.6580	29.91	10.00	39.91	56.00	-16.09	QP	
4		1.2460	27.68	9.75	37.43	56.00	-18.57	QP	
5		4.6660	25.31	11.67	36.98	56.00	-19.02	QP	
6		19.7100	27.59	9.00	36.59	60.00	-23.41	QP	

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

Engineer Signature:

Allen



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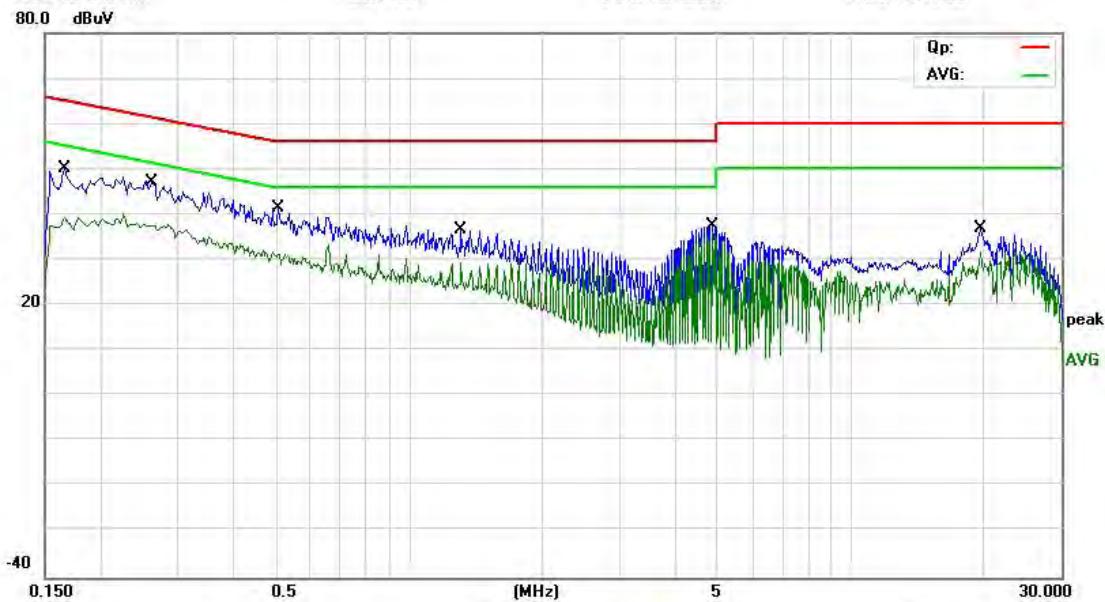
Conducted Emission Measurement

File : HL1916VA

Data : #21

Date: 12/12/20/

Time: 14:49:08



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: HL1916VA

Mode: Running "H" Parttern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1660	40.15	9.96	50.11	65.16	-15.05	QP	
2	*	0.2630	35.41	11.58	46.99	61.34	-14.35	QP	
3		0.5100	31.31	10.00	41.31	56.00	-14.69	QP	
4		1.3140	26.82	9.69	36.51	56.00	-19.49	QP	
5		4.8620	25.56	11.86	37.42	56.00	-18.58	QP	
6		19.7700	27.91	9.00	36.91	60.00	-23.09	QP	

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

Engineer Signature:

Allen



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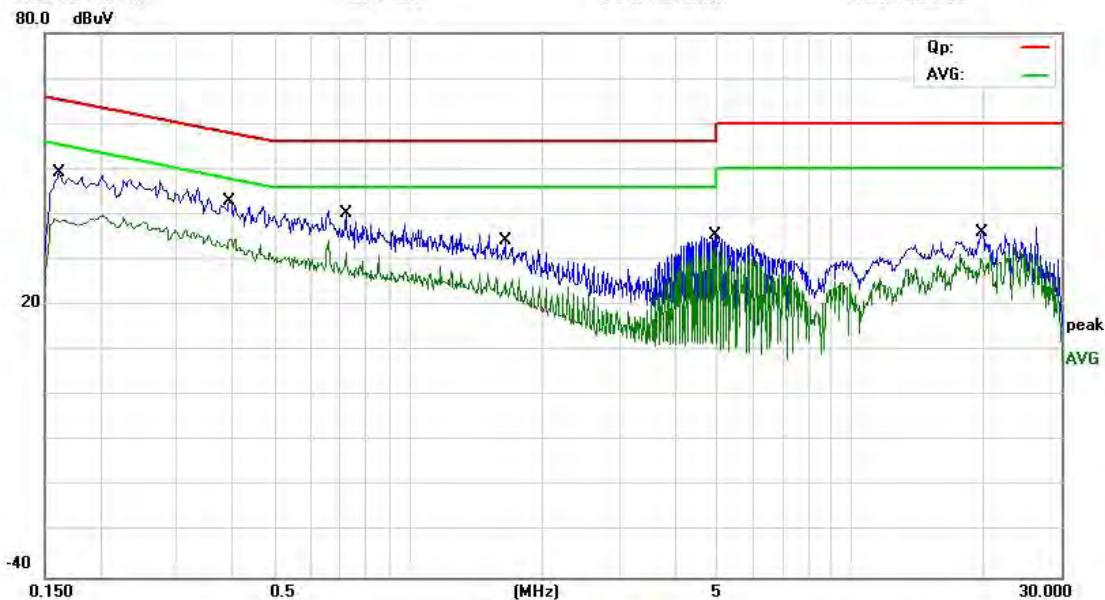
Conducted Emission Measurement

File : HL1916VA

Data : #22

Date: 12/12/20/

Time: 14:52:06



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: HL1916VA

Mode: Running "H" Parttern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1620	39.47	9.72	49.19	65.36	-16.17	QP	
2	*	0.3940	32.19	10.71	42.90	57.98	-15.08	QP	
3		0.7220	30.12	10.00	40.12	56.00	-15.88	QP	
4		1.6460	25.02	9.35	34.37	56.00	-21.63	QP	
5		4.9260	23.56	11.93	35.49	56.00	-20.51	QP	
6		19.8980	27.08	9.00	36.08	60.00	-23.92	QP	

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

Engineer Signature:

Allen



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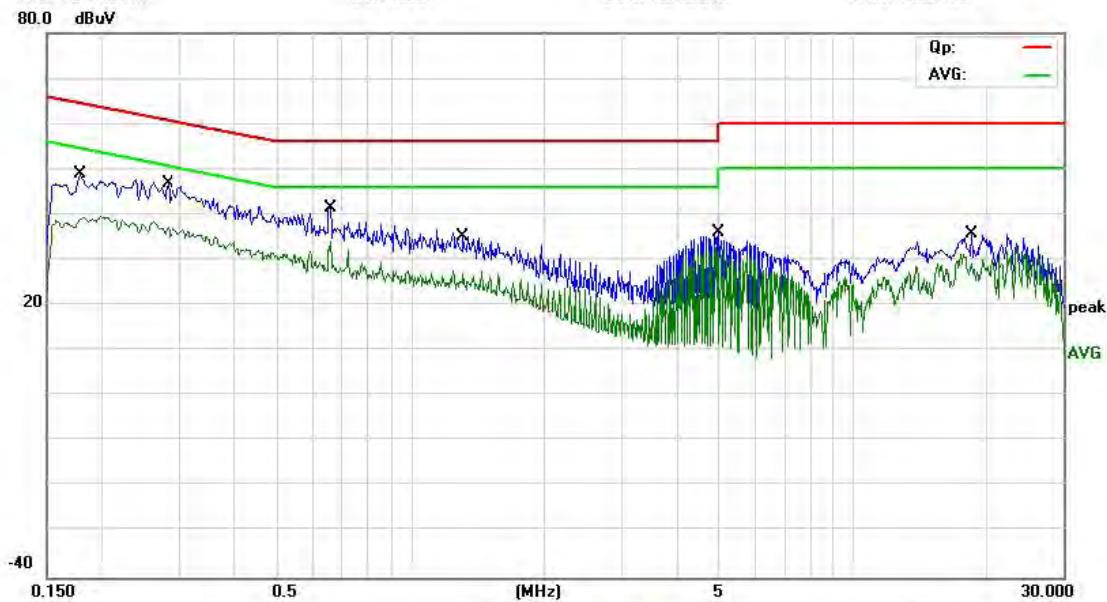
Conducted Emission Measurement

File : HL1916VA

Data #: #23

Date: 12/12/20/

Time: 14:57:06



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: HL1916VA

Mode: Running "H" Parttern

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1780	38.37	10.68	49.05	64.58	-15.53	QP	
2	*	0.2820	35.49	11.45	46.94	60.76	-13.82	QP	
3		0.6580	31.57	10.00	41.57	56.00	-14.43	QP	
4		1.3140	25.45	9.69	35.14	56.00	-20.86	QP	
5		4.9900	24.19	11.99	36.18	56.00	-19.82	QP	
6		18.6460	26.61	9.00	35.61	60.00	-24.39	QP	

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

Engineer Signature:

Allen



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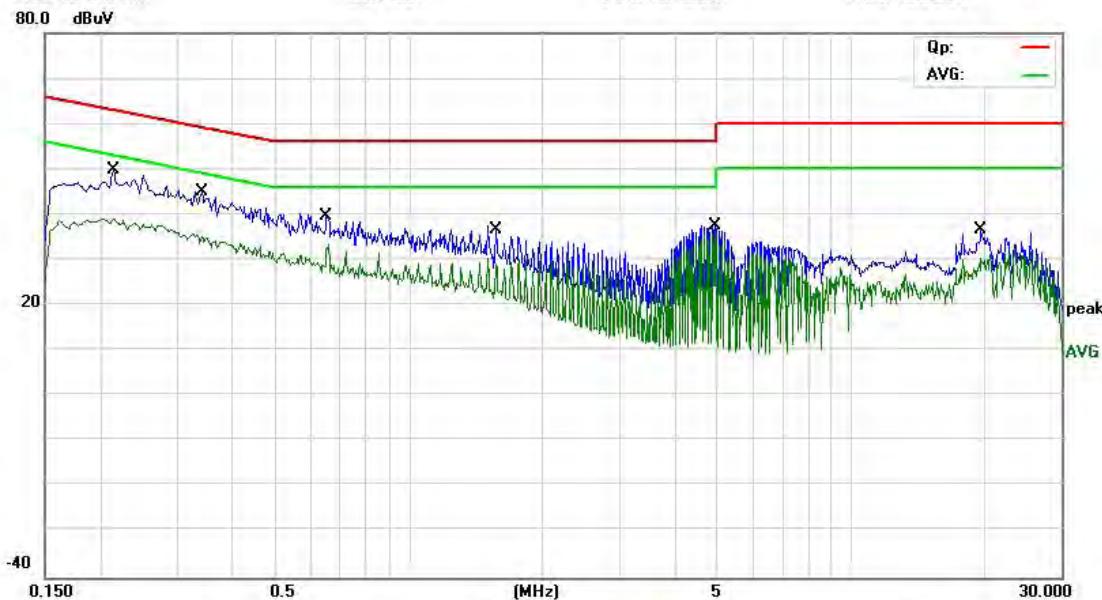
Conducted Emission Measurement

File : HL1916VA

Data : #24

Date: 12/12/20/

Time: 15:00:04



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: HL1916VA

Mode: Running "H" Parttern

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2140	38.08	11.91	49.99	63.05	-13.06	QP	
2		0.3420	33.91	11.05	44.96	59.15	-14.19	QP	
3		0.6540	29.61	10.00	39.61	56.00	-16.39	QP	
4		1.5740	27.23	9.43	36.66	56.00	-19.34	QP	
5		4.9260	25.62	11.93	37.55	56.00	-18.45	QP	
6		19.7700	27.66	9.00	36.66	60.00	-23.34	QP	

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

Engineer Signature: Allen



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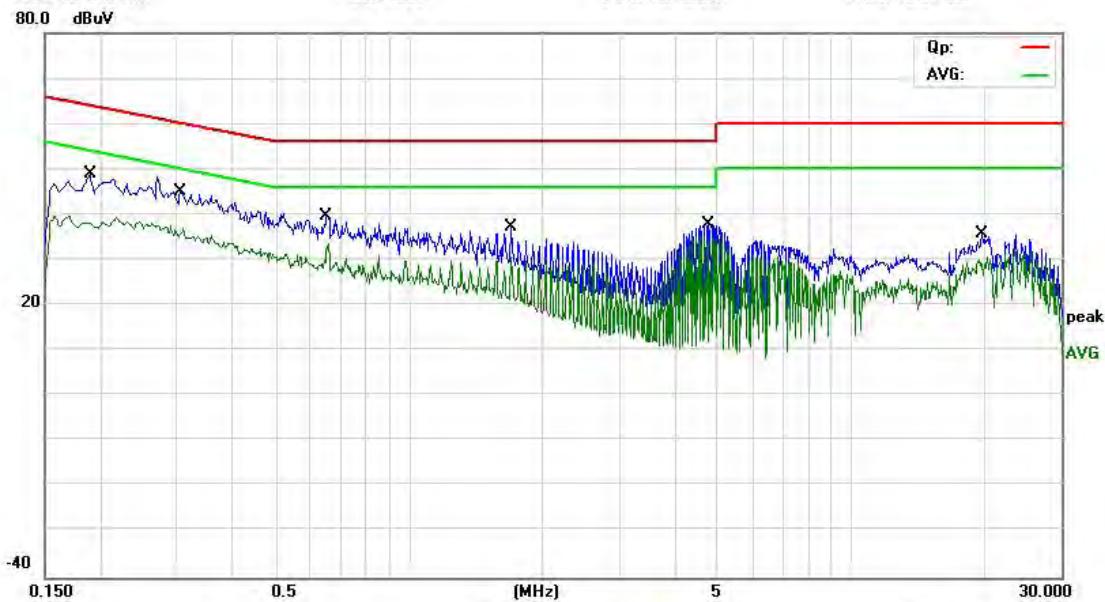
Conducted Emission Measurement

File : HL1916VA

Data #: #25

Date: 12/12/20/

Time: 15:04:09



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: HL1916VA

Mode: Running "H" Parttern

Note: DVI:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1900	37.52	11.40	48.92	64.04	-15.12	QP	
2	*	0.3060	33.72	11.29	45.01	60.08	-15.07	QP	
3		0.6540	29.79	10.00	39.79	56.00	-16.21	QP	
4		1.7060	27.88	9.29	37.17	56.00	-18.83	QP	
5		4.7900	25.97	11.79	37.76	56.00	-18.24	QP	
6		19.9460	26.66	9.00	35.66	60.00	-24.34	QP	

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

Engineer Signature:

Allen



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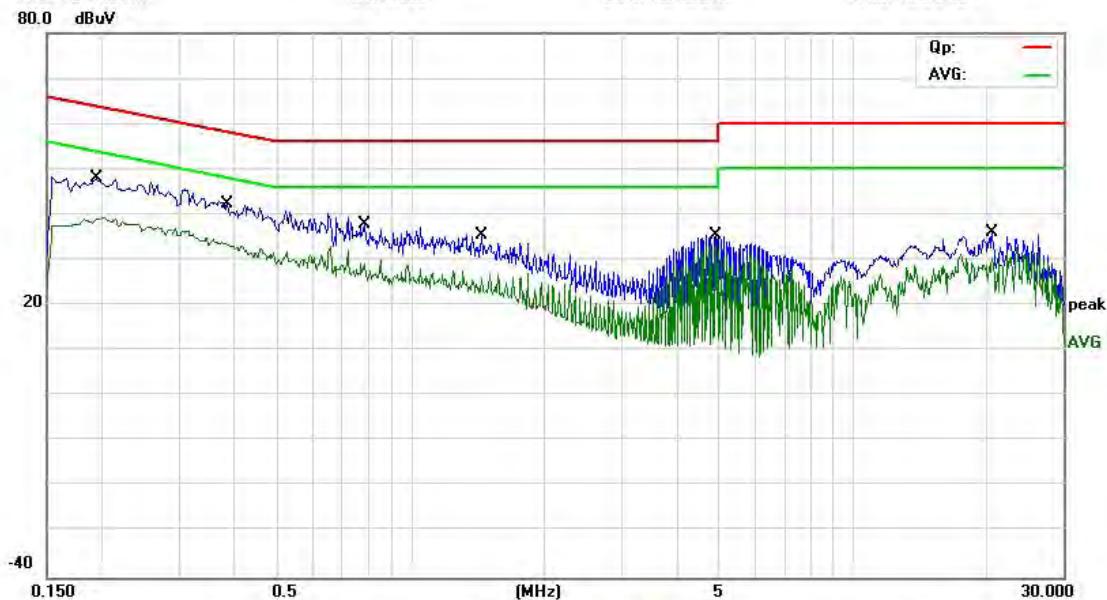
Conducted Emission Measurement

File : HL1916VA

Data : #26

Date: 12/12/20/

Time: 15:08:12



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: HL1916VA

Mode: Running "H" Parttern

Note: DVI:800*600@75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1940	36.32	11.64	47.96	63.86	-15.90	QP	
2		0.3860	31.47	10.76	42.23	58.15	-15.92	QP	
3		0.7860	27.70	10.00	37.70	56.00	-18.30	QP	
4		1.4460	25.76	9.55	35.31	56.00	-20.69	QP	
5		4.9220	23.64	11.92	35.56	56.00	-20.44	QP	
6		20.7300	26.92	9.00	35.92	60.00	-24.08	QP	

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

Engineer Signature:

Allen



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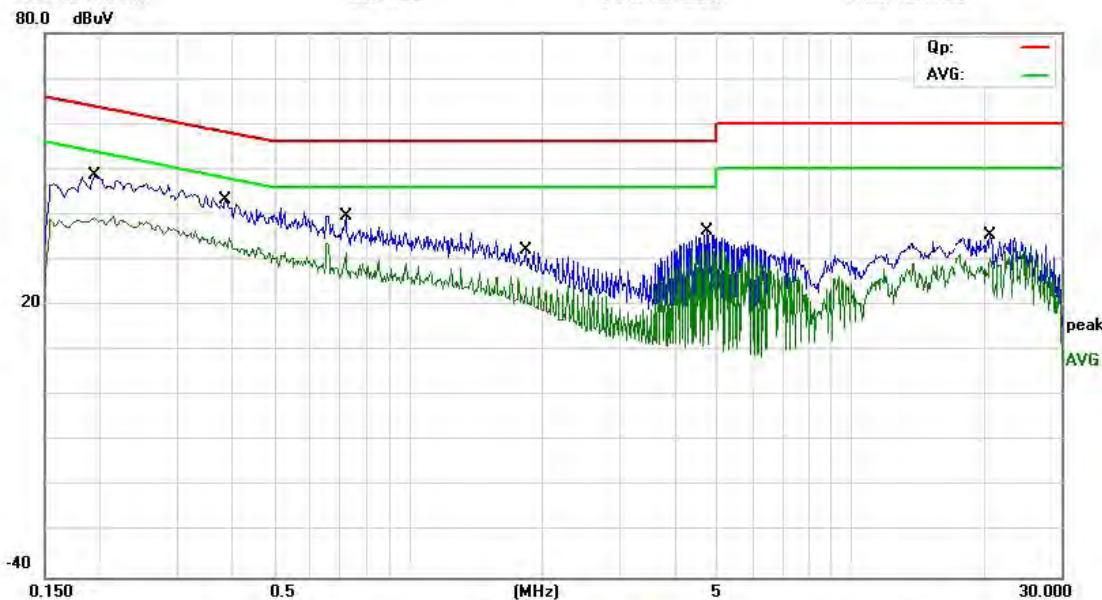
Conducted Emission Measurement

File :HL1916VA

Data :#27

Date: 12/12/20/

Time: 15:11:58



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: HL1916VA

Mode: Running "H" Parttern

Note: DP

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dB			
1		0.1940	36.93	11.64	48.57	63.86	-15.29	QP	
2	*	0.3860	32.60	10.76	43.36	58.15	-14.79	QP	
3		0.7220	29.75	10.00	39.75	56.00	-16.25	QP	
4		1.8420	22.93	9.16	32.09	56.00	-23.91	QP	
5		4.7260	24.53	11.73	36.26	56.00	-19.74	QP	
6		20.7940	26.40	9.00	35.40	60.00	-24.60	QP	

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

Engineer Signature:

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Conducted Emission Measurement

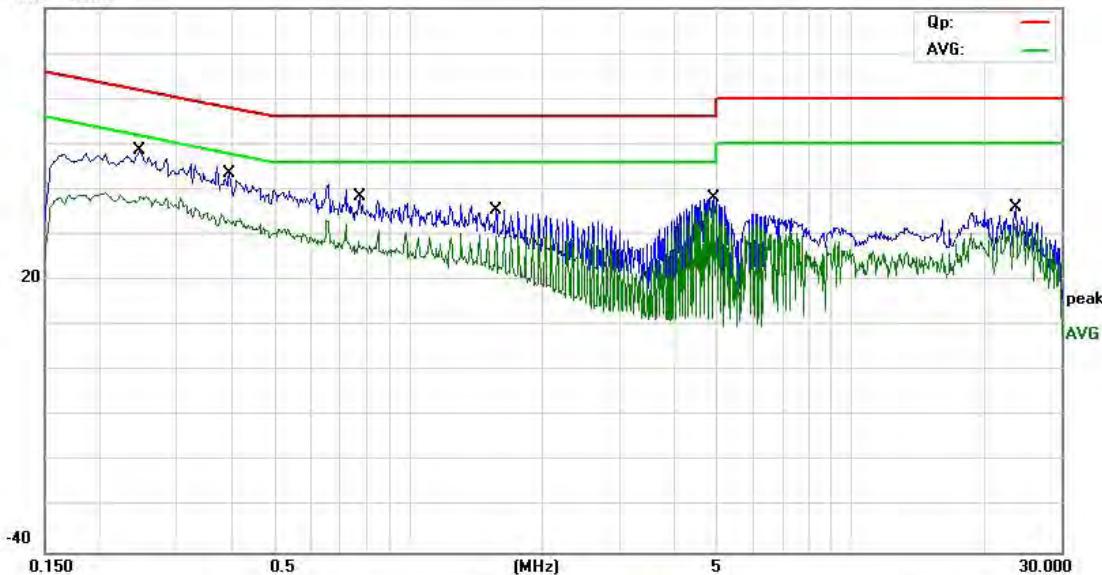
File :HL1916VA

Data :#28

Date: 12/12/20/

Time: 15:15:47

80.0 dBuV



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: HL1916VA

Mode: Running "H" Parttern

Note: DP

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2460	37.00	11.69	48.69	61.89	-13.20	QP	
2		0.3940	32.88	10.71	43.59	57.98	-14.39	QP	
3		0.7780	28.32	10.00	38.32	56.00	-17.68	QP	
4		1.5740	26.01	9.43	35.44	56.00	-20.56	QP	
5		4.9180	26.26	11.92	38.18	56.00	-17.82	QP	
6		23.7380	27.00	9.00	36.00	60.00	-24.00	QP	

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

Engineer Signature:

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6. TEST RADIATED EMISSION REQUIREMENT

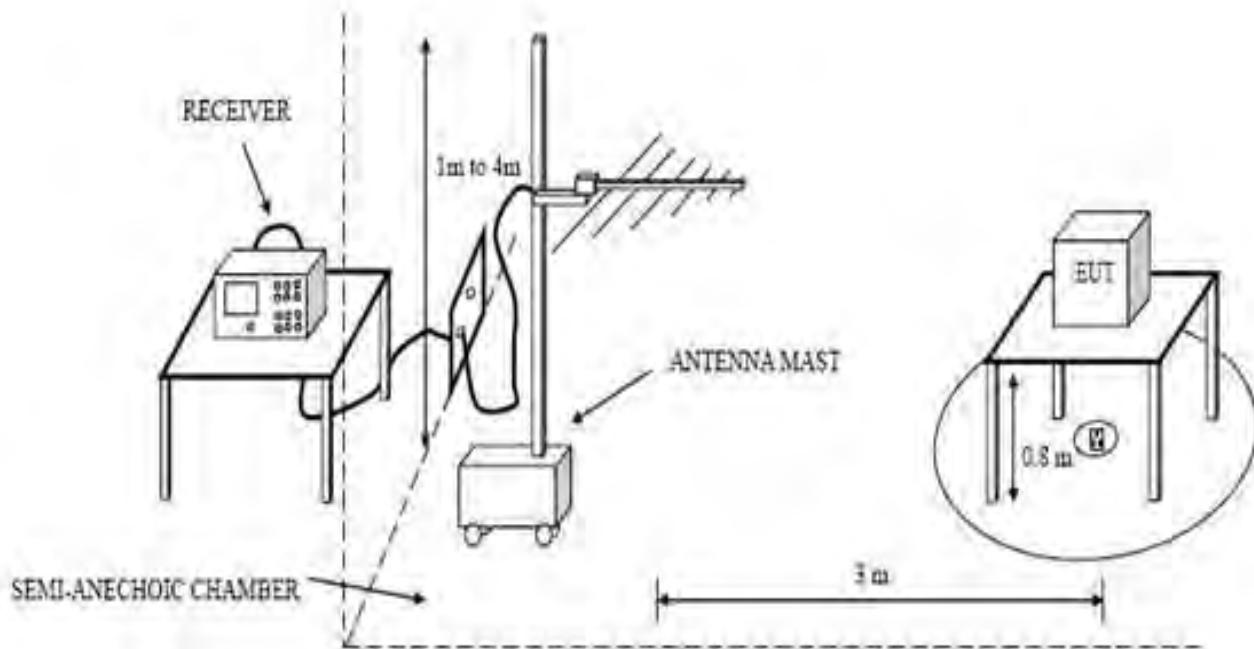
6.1 Limits Of Radiated Disturbances At 3m Distances For Class B

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	
	1024*768	H/V	
	1280*1024	H/V	
DVI Display	800*600	H/V	
	1024*768	H/V	
	1280*1024	H/V	
DP Display			

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

Model C15S, HL1916LBT ,HL1916LA and HL1916VA were carried out for different test modes, The test results of model C15S was the worst case condition, The test data was shown on the summary data page.



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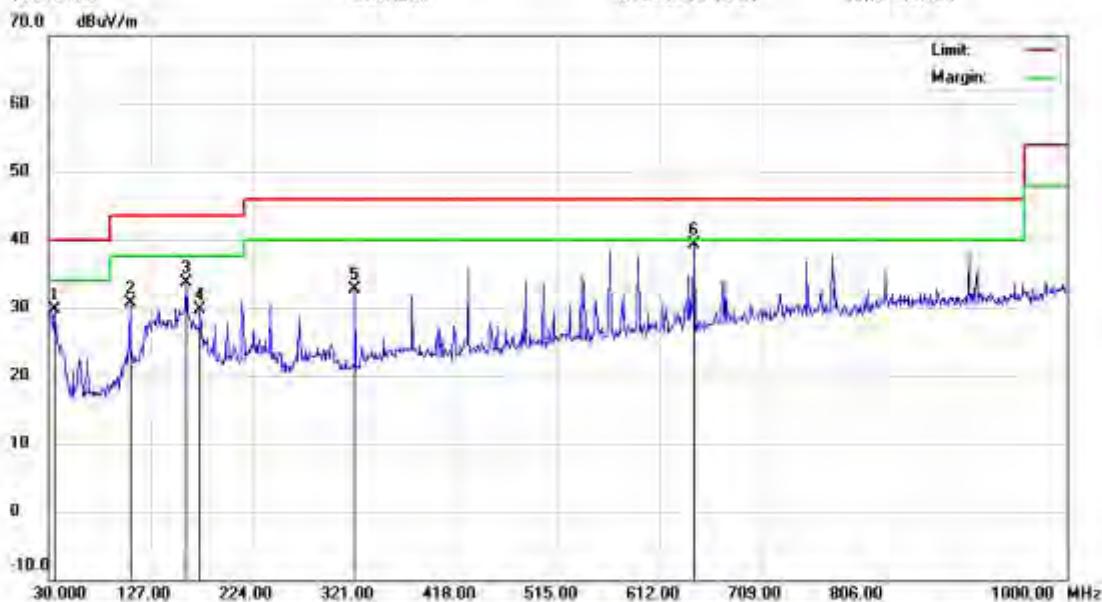
Radiated Emission Measurement

File :C15S

Data :#21

Date: 2012-12-21

Time: 9:57:22



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: DP

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment:
1		35.8200	9.35	20.27	29.62	40.00	-10.38	QP			
2		107.6000	15.20	15.41	30.61	43.50	-12.89	QP			
3		160.9500	16.49	17.28	33.77	43.50	-9.73	QP			
4		174.5300	12.65	16.97	29.62	43.50	-13.88	QP			
5		321.9700	15.75	17.00	32.75	46.00	-13.25	QP			
6	*	644.9800	15.17	24.05	39.22	46.00	-6.78	QP			

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

Engineer Signature:

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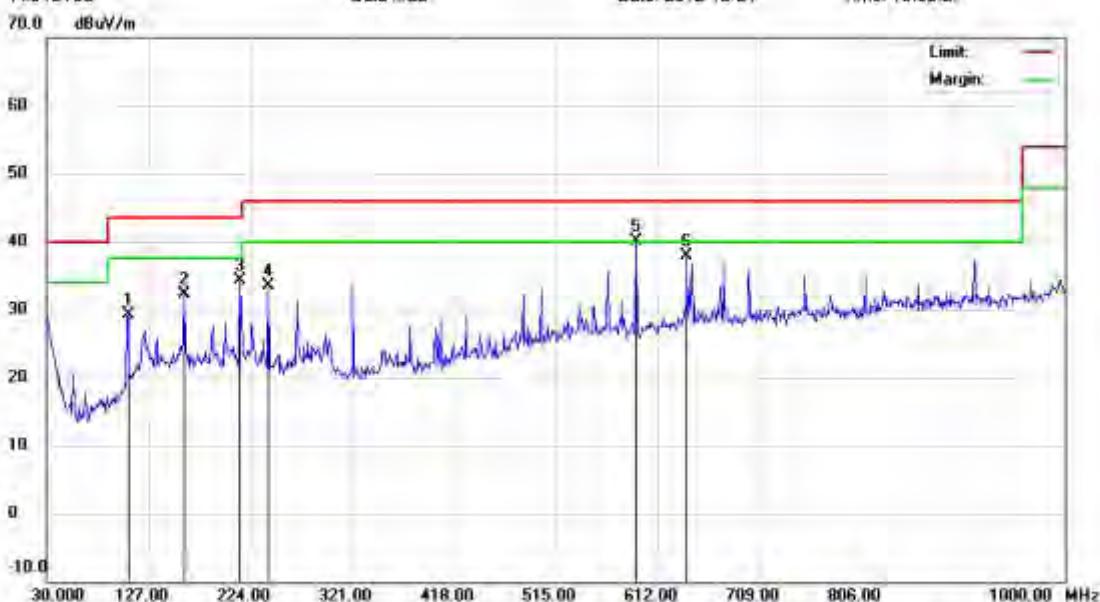
Radiated Emission Measurement

File :C15S

Data :#22

Date: 2012-12-21

Time: 10:05:27



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: DP

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment:
1		107.6000	13.97	15.41	29.38	43.50	-14.12	QP			
2		160.9500	15.08	17.28	32.36	43.50	-11.14	QP			
3		214.3000	18.20	16.08	34.28	43.50	-9.22	QP			
4		241.4600	16.17	17.26	33.43	46.00	-12.57	QP			
5	*	591.6299	17.28	22.82	40.10	46.00	-5.90	QP			
6		640.1299	13.98	24.00	37.98	46.00	-8.02	QP			

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

Engineer Signature:

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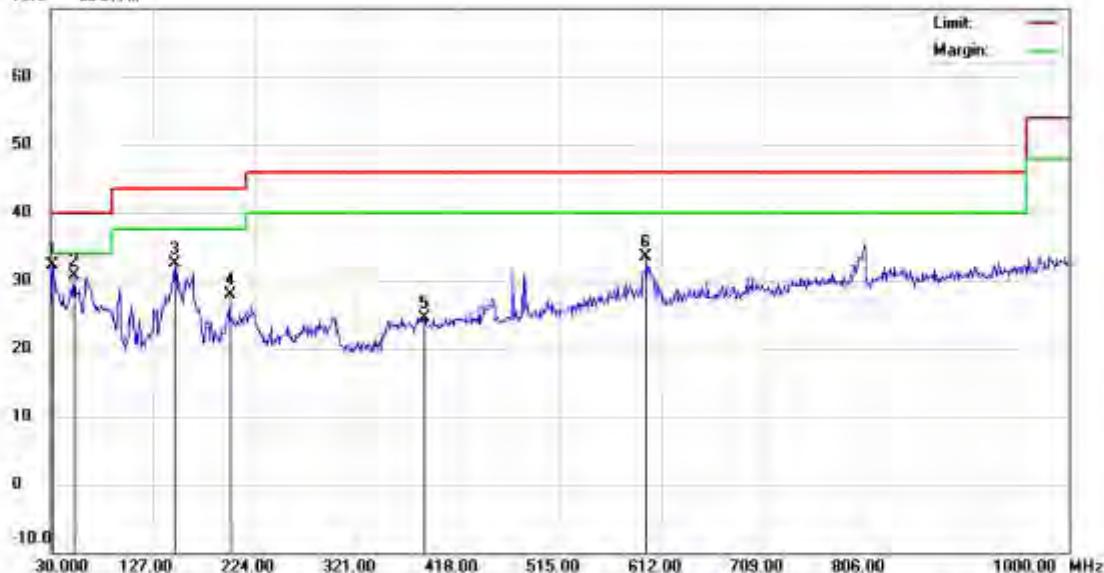
Radiated Emission Measurement

File :C15S
70.0 dBuV/m

Data #23

Date: 2012-12-21

Time: 10:10:13



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: VGA:800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Detector	Height cm	Table degree	Comment:
1	*	31.9400	8.98	23.31	32.29	40.00	-7.71	QP			
2		52.3100	19.68	11.02	30.70	40.00	-9.30	QP			
3		148.3400	15.78	16.63	32.41	43.50	-11.09	QP			
4		200.7198	10.45	17.37	27.82	43.50	-15.68	QP			
5		385.9900	6.32	18.22	24.54	46.00	-21.46	QP			
6		597.4500	10.59	22.92	33.51	46.00	-12.49	QP			

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

Engineer Signature:

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Radiated Emission Measurement

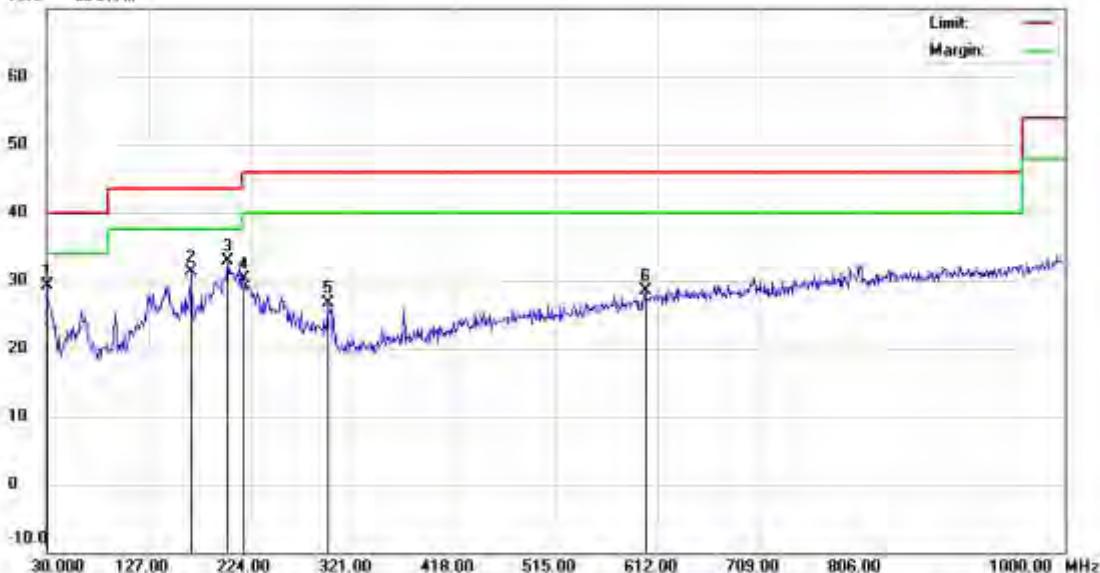
File :C15S

Data :#24

Date: 2012-12-21

Time: 10:16:47

70.0 dBuV/m



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: VGA:800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment:
1		30.0000	4.51	24.80	29.31	40.00	-10.69	QP			
2		167.7400	14.06	17.20	31.26	43.50	-12.24	QP			
3	*	202.6599	15.55	17.27	32.82	43.50	-10.68	QP			
4		218.1800	14.03	16.22	30.25	46.00	-15.75	QP			
5		297.7200	7.32	19.30	26.62	46.00	-19.38	QP			
6		600.3600	5.52	23.01	28.53	46.00	-17.47	QP			

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

Engineer Signature:

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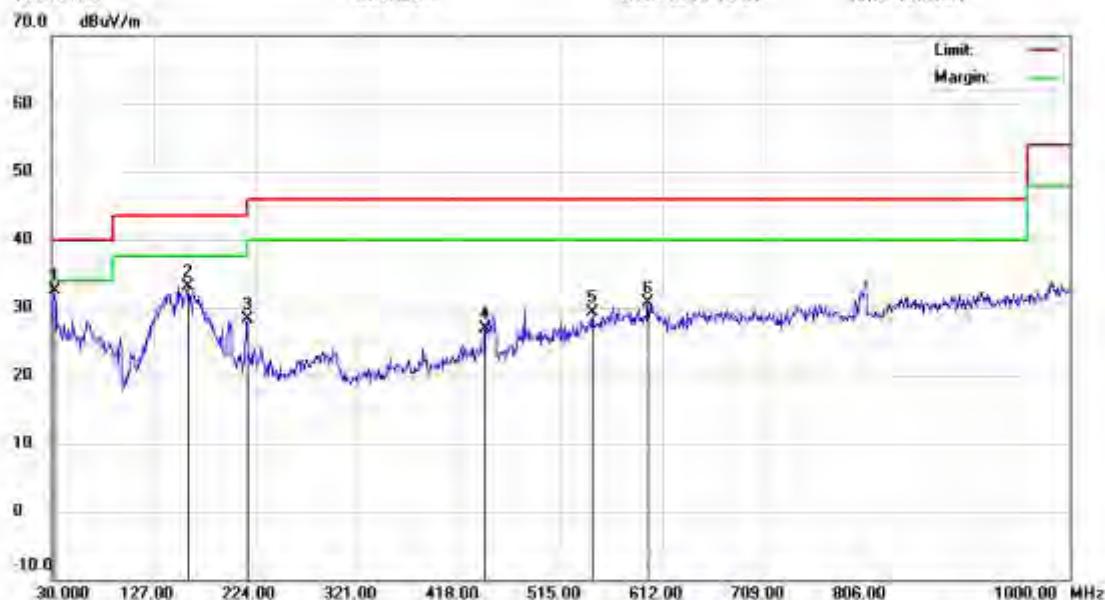
Radiated Emission Measurement

File :C15S

Data :#25

Date: 2012-12-21

Time: 10:21:51



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	32.9099	9.99	22.56	32.55	40.00	-7.45	QP			
2		159.9798	15.82	17.30	33.12	43.50	-10.38	QP			
3		216.2400	12.19	16.14	28.33	46.00	-17.67	QP			
4		443.2200	6.70	20.24	26.94	46.00	-19.06	QP			
5		545.0700	6.91	22.30	29.21	46.00	-16.79	QP			
6		598.4198	7.74	22.95	30.69	46.00	-15.31	QP			

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

Engineer Signature:

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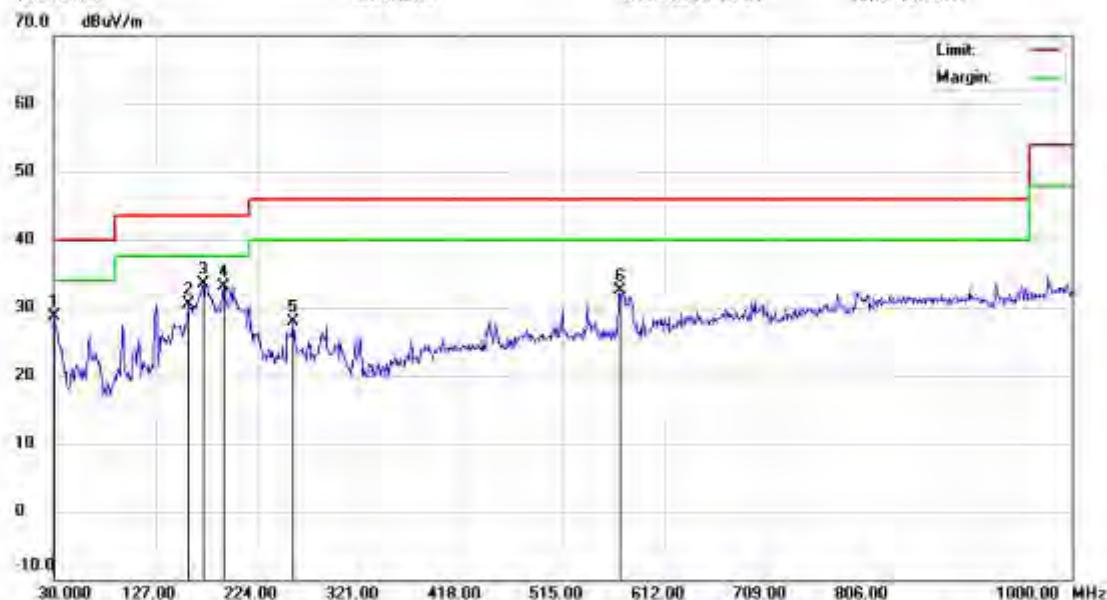
Radiated Emission Measurement

File :C15S

Data :#26

Date: 2012-12-21

Time: 10:26:17



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		30.0000	3.84	24.80	28.64	40.00	-11.36	QP			
2		158.0399	13.37	17.10	30.47	43.50	-13.03	QP			
3	*	172.5900	16.48	17.07	33.55	43.50	-9.95	QP			
4		191.9900	16.46	16.70	33.16	43.50	-10.34	QP			
5		257.9499	10.33	17.52	27.85	46.00	-18.15	QP			
6		569.3200	9.56	22.88	32.44	46.00	-13.56	QP			

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Radiated Emission Measurement

File :C15S

Data #27

Date: 2012-12-21

Time: 10:32:31



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: VGA:1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment:
1		30.0000	3.80	24.80	28.60	40.00	-11.40	QP			
2		94.9900	15.02	12.05	27.07	43.50	-16.43	QP			
3		143.4900	7.07	16.99	24.06	43.50	-19.44	QP			
4		167.7400	13.73	17.20	30.93	43.50	-12.57	QP			
5	*	200.7198	16.53	17.37	33.90	43.50	-9.60	QP			
6		506.2700	8.90	21.43	30.33	46.00	-15.67	QP			

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Engineer Signature:

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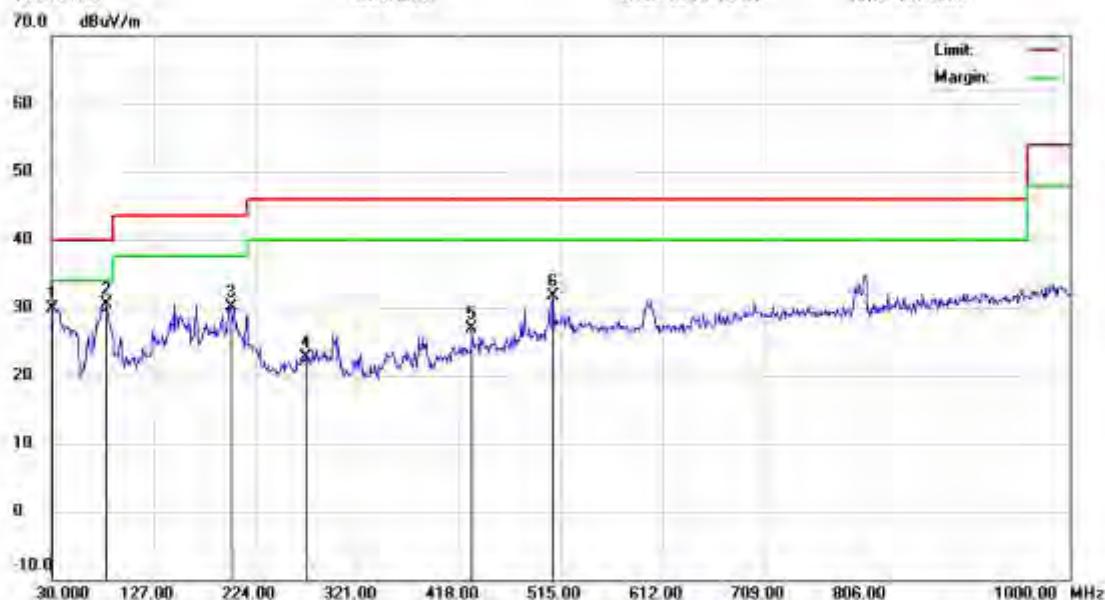
Radiated Emission Measurement

File :C15S

Data #28

Date: 2012-12-21

Time: 10:38:22



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: VGA:1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		30.9700	5.94	24.05	29.99	40.00	-10.01	QP			
2	*	82.3800	19.16	11.35	30.51	40.00	-9.49	QP			
3		200.7198	12.77	17.37	30.14	43.50	-13.36	QP			
4		272.5000	3.70	19.05	22.75	46.00	-23.25	QP			
5		430.6100	6.58	20.31	26.89	46.00	-19.11	QP			
6		507.2400	10.20	21.44	31.64	46.00	-14.36	QP			

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

Engineer Signature:

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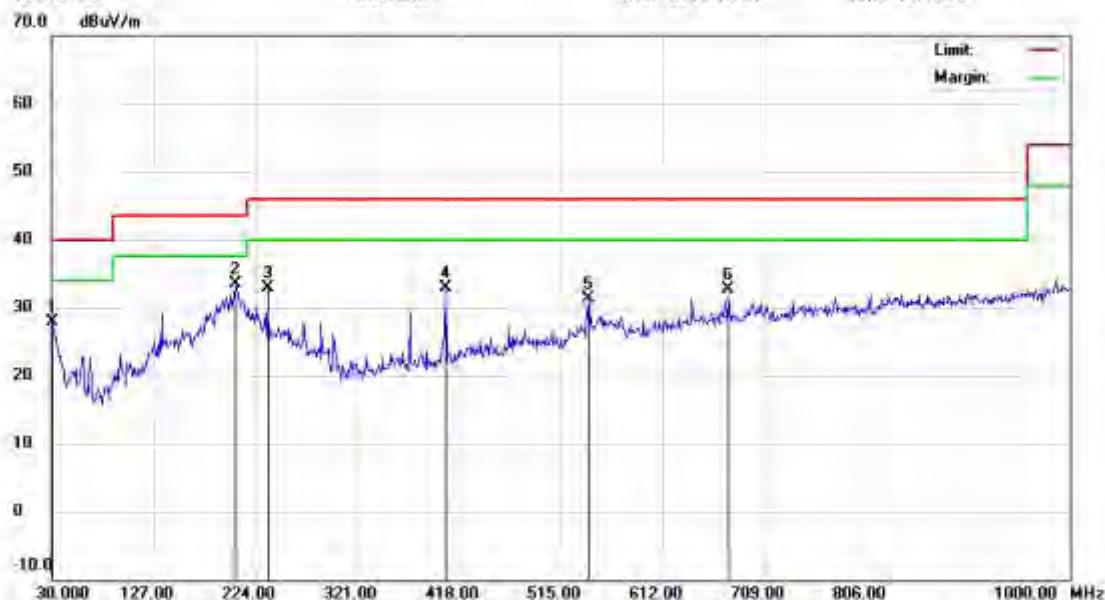
Radiated Emission Measurement

File :C15S

Data :#29

Date: 2012-12-21

Time: 10:43:38



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: DVI;1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		30.9700	3.91	24.05	27.96	40.00	-12.04	QP			
2	*	204.6000	16.43	17.17	33.60	43.50	-9.90	QP			
3		235.6400	15.92	16.90	32.82	46.00	-13.18	QP			
4		405.3900	13.99	18.82	32.81	46.00	-13.19	QP			
5		541.1900	9.07	22.22	31.29	46.00	-14.71	QP			
6		675.0500	8.08	24.55	32.63	46.00	-13.37	QP			

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

Engineer Signature:

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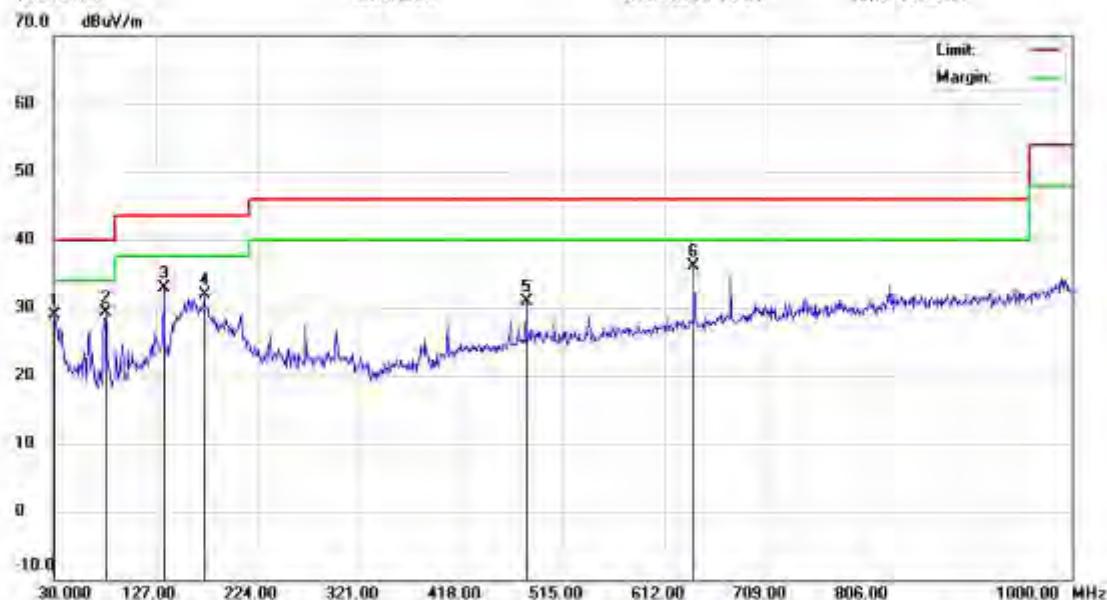
Radiated Emission Measurement

File :C15S

Data :#30

Date: 2012-12-21

Time: 10:50:11



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: DVI;1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		30.9700	4.79	24.05	28.84	40.00	-11.16	QP			
2		79.4699	17.97	11.43	29.40	40.00	-10.60	QP			
3		134.7600	15.45	17.46	32.91	43.50	-10.59	QP			
4		173.5600	14.96	17.02	31.98	43.50	-11.52	QP			
5		480.0800	9.24	21.70	30.94	46.00	-15.06	QP			
6	*	640.1299	12.05	24.00	36.05	46.00	-9.95	QP			

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

Engineer Signature:

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Radiated Emission Measurement

File :C15S

Data :#31

Date: 2012-12-21

Time: 10:58:17



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment:
1	*	38.7299	12.82	17.85	30.67	40.00	-9.33	QP		
2		154.1598	14.80	16.75	31.55	43.50	-11.95	QP		
3		269.5899	9.88	18.85	28.73	46.00	-17.27	QP		
4		465.5300	5.07	20.98	26.05	46.00	-19.95	QP		
5		575.1399	4.75	22.80	27.55	46.00	-18.45	QP		
6		640.1299	11.37	24.00	35.37	46.00	-10.63	QP		

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

Engineer Signature:

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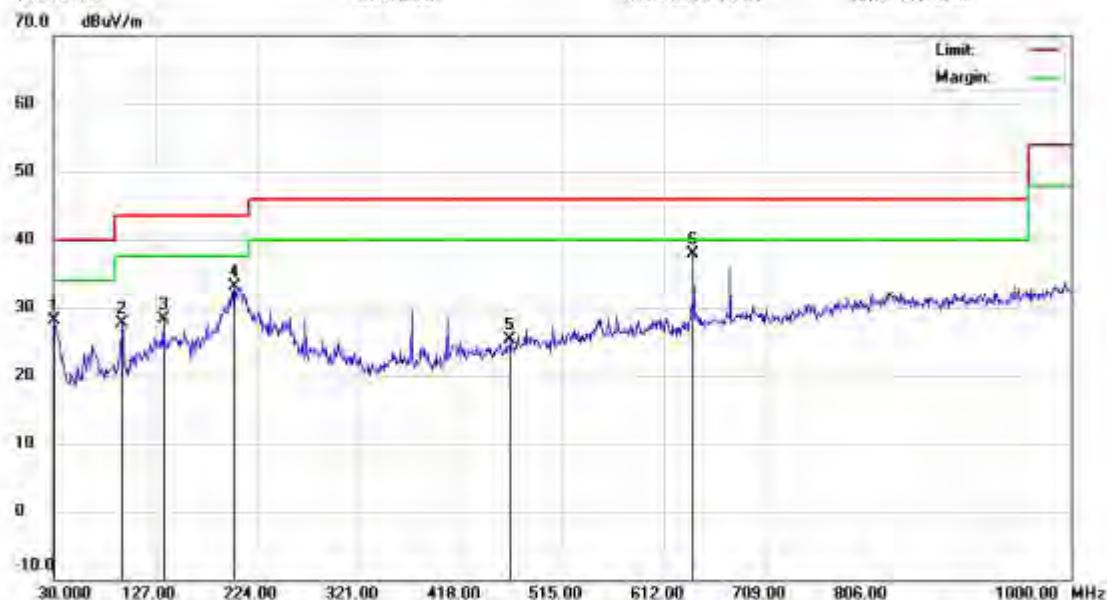
Radiated Emission Measurement

File :C15S

Data :#32

Date: 2012-12-21

Time: 11:03:43



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		30.0000	3.39	24.80	28.19	40.00	-11.81	QP			
2		94.9900	15.69	12.05	27.74	43.50	-15.76	QP			
3		134.7600	10.79	17.46	28.25	43.50	-15.25	QP			
4		202.6599	15.89	17.27	33.16	43.50	-10.34	QP			
5		465.5300	4.30	20.98	25.28	46.00	-20.72	QP			
6	*	640.1299	13.82	24.00	37.82	46.00	-8.18	QP			

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

Engineer Signature:

Allen



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Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

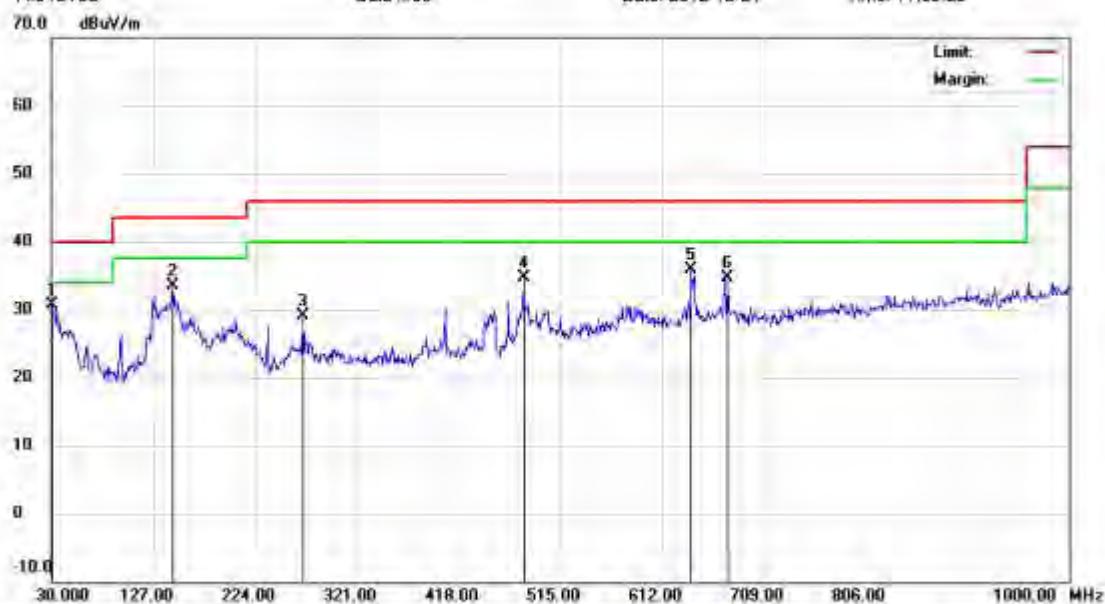
Radiated Emission Measurement

File :C15S

Data :#33

Date: 2012-12-21

Time: 11:09:25



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: DVI:800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment:
1	*	30.9699	6.69	24.05	30.74	40.00	-9.26	QP		
2		145.4299	16.71	16.87	33.58	43.50	-9.92	QP		
3		269.5899	10.23	18.85	29.08	46.00	-16.92	QP		
4		480.0799	12.94	21.70	34.64	46.00	-11.36	QP		
5		640.1299	11.89	24.00	35.89	46.00	-10.11	QP		
6		675.0498	10.15	24.55	34.70	46.00	-11.30	QP		

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

Engineer Signature:

Allen



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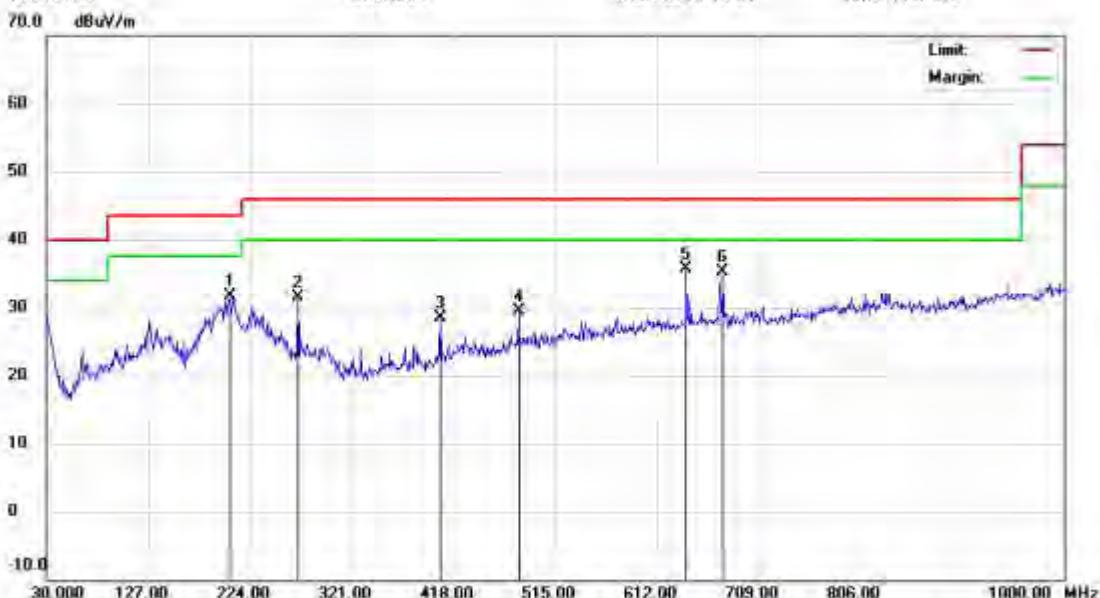
Radiated Emission Measurement

File :C15S

Data :#34

Date: 2012-12-21

Time: 11:14:50



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: C15S

Mode: Running "H" Pattern

Note: DVI:800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		204.5999	14.56	17.17	31.73	43.50	-11.77	QP			
2		269.5899	12.63	18.85	31.48	46.00	-14.52	QP			
3		405.3899	9.65	18.82	28.47	46.00	-17.53	QP			
4		480.0799	7.83	21.70	29.53	46.00	-16.47	QP			
5	*	640.1299	11.62	24.00	35.62	46.00	-10.38	QP			
6		675.0498	10.78	24.55	35.33	46.00	-10.67	QP			

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

Engineer Signature:

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Radiated Emission Measurement

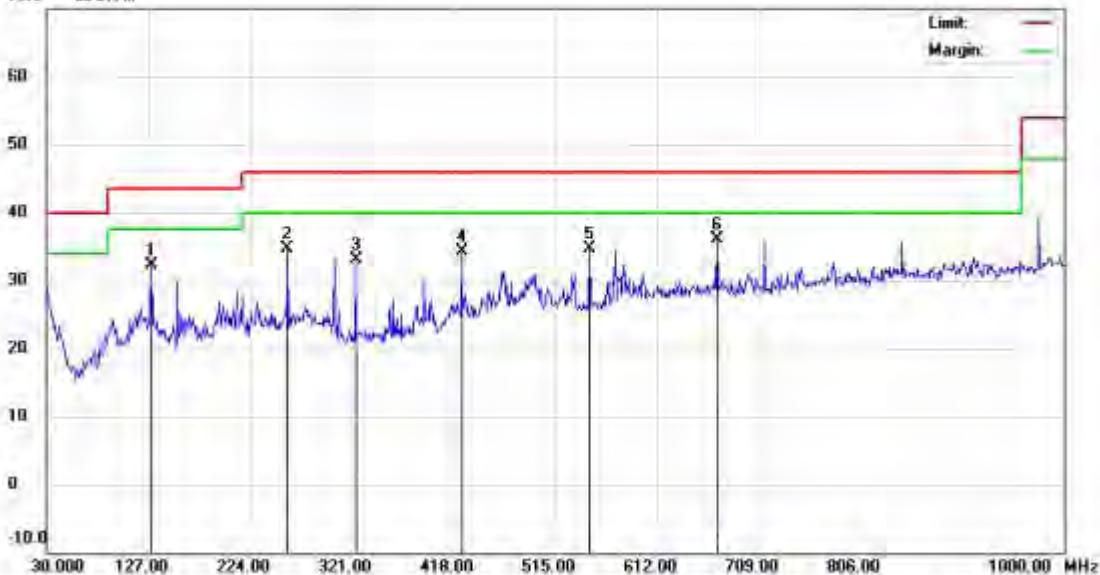
File : HL1916LA

Data : #16

Date: 2012-12-21

Time: 11:30:23

70.0 dBuV/m



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Partten

Note: DP

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		129.9098	14.53	17.70	32.23	43.50	-11.27	QP			
2		259.8899	17.15	17.60	34.75	46.00	-11.25	QP			
3		324.8799	16.19	17.00	33.19	46.00	-12.81	QP			
4		425.7599	14.00	20.30	34.30	46.00	-11.70	QP			
5		547.9800	12.23	22.42	34.65	46.00	-11.35	QP			
6	*	669.2300	11.59	24.47	36.06	46.00	-9.94	QP			

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

Engineer Signature:

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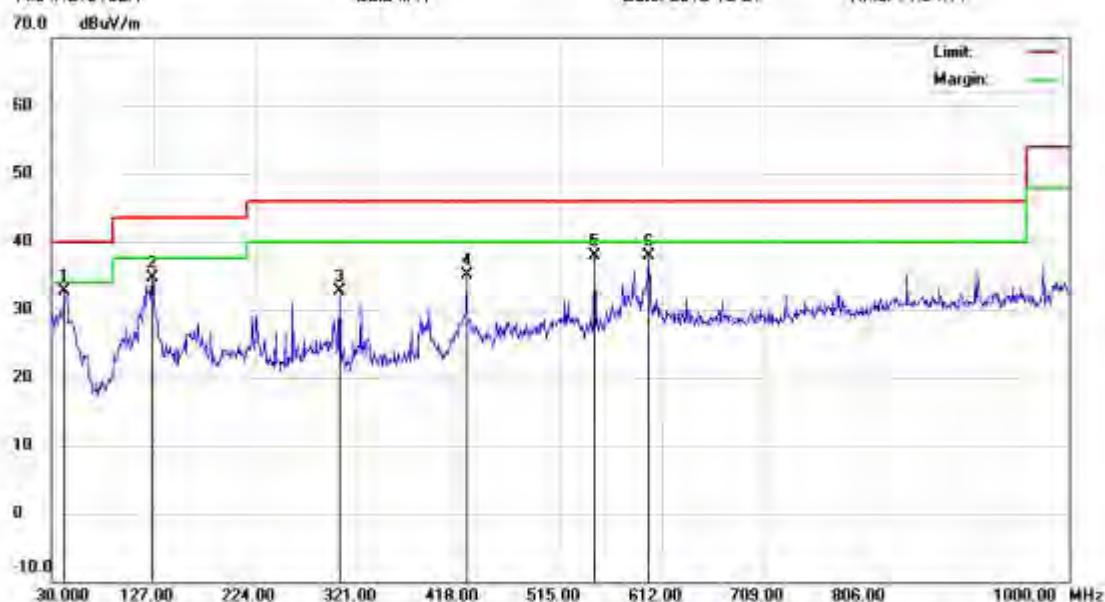
Radiated Emission Measurement

File : HL1916LA

Data : #17

Date: 2012-12-21

Time: 11:34:11



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Partten

Note: DP

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	42.6099	17.53	15.13	32.66	40.00	-7.34	QP			
2		126.0300	16.92	17.70	34.62	43.50	-8.88	QP			
3		304.5099	14.66	18.08	32.74	46.00	-13.26	QP			
4		425.7599	14.73	20.30	35.03	46.00	-10.97	QP			
5		547.9800	15.54	22.42	37.96	46.00	-8.04	QP			
6		599.3899	15.02	22.98	38.00	46.00	-8.00	QP			

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Engineer Signature:

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Radiated Emission Measurement

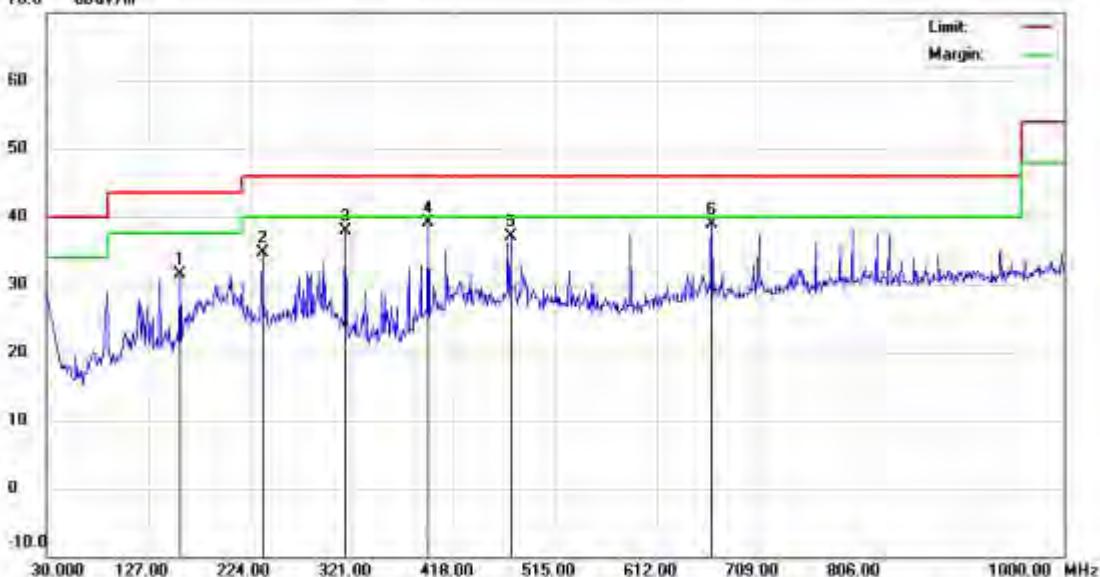
File : HL1916LA

Data : #18

Date: 2012-12-21

Time: 11:39:23

70.0 dBuV/m



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		157.0700	14.48	17.01	31.49	43.50	-12.01	QP			
2		235.6400	17.75	16.90	34.65	46.00	-11.35	QP			
3		315.1800	21.08	16.81	37.89	46.00	-8.11	QP			
4	*	393.7500	20.71	18.49	39.20	46.00	-6.80	QP			
5		472.3200	15.85	21.29	37.14	46.00	-8.86	QP			
6		664.3799	14.69	24.29	38.98	46.00	-7.02	QP			

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Engineer Signature:

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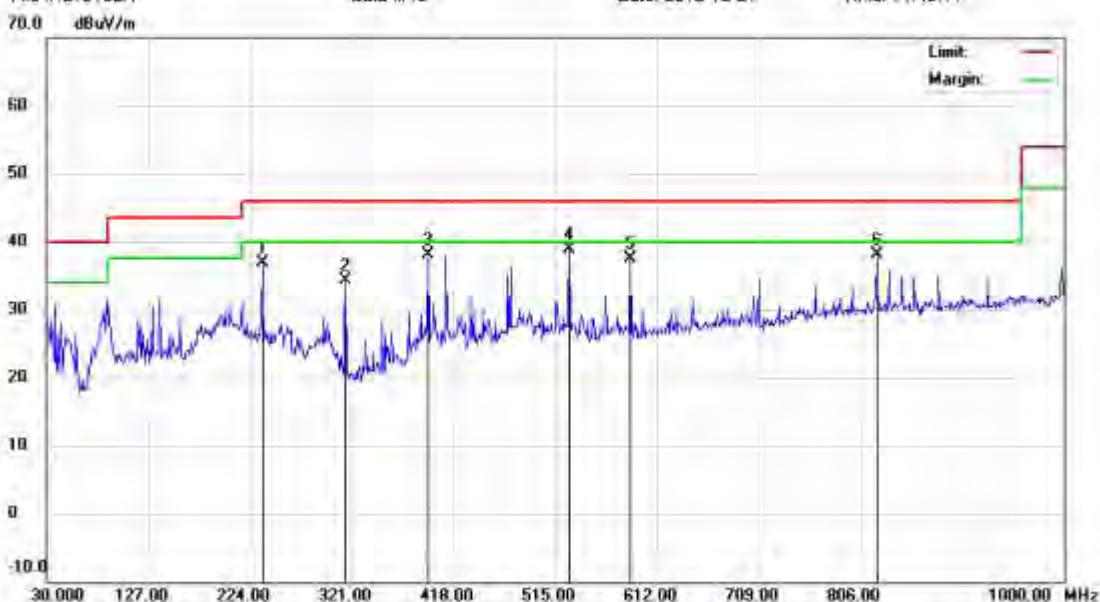
Radiated Emission Measurement

File : HL1916LA

Data #: 19

Date: 2012-12-21

Time: 11:45:11



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		235.6400	19.94	16.90	36.84	46.00	-9.16	QP			
2		315.1800	17.59	16.81	34.40	46.00	-11.60	QP			
3		393.7500	19.64	18.49	38.13	46.00	-7.87	QP			
4	*	528.5800	16.86	22.09	38.95	46.00	-7.05	QP			
5		586.7798	14.60	22.90	37.50	46.00	-8.50	QP			
6		821.5200	11.46	26.59	38.05	46.00	-7.95	QP			

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

Engineer Signature:

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Radiated Emission Measurement

File : HL1916LA

Data #: 20

Date: 2012-12-21

Time: 11:49:26

70.0 dBuV/m



Site Chamber #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		300.6299	17.72	19.13	36.85	46.00	-9.15	QP			
2		411.2099	19.16	19.18	38.34	46.00	-7.66	QP			
3		586.7798	14.49	22.90	37.39	46.00	-8.61	QP			
4		610.0599	12.97	23.20	36.17	46.00	-9.83	QP			
5		709.0000	14.63	24.69	39.32	46.00	-6.68	QP			
6	*	798.2400	13.75	25.92	39.67	46.00	-6.33	QP			

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

Engineer Signature:

Allen



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Radiated Emission Measurement

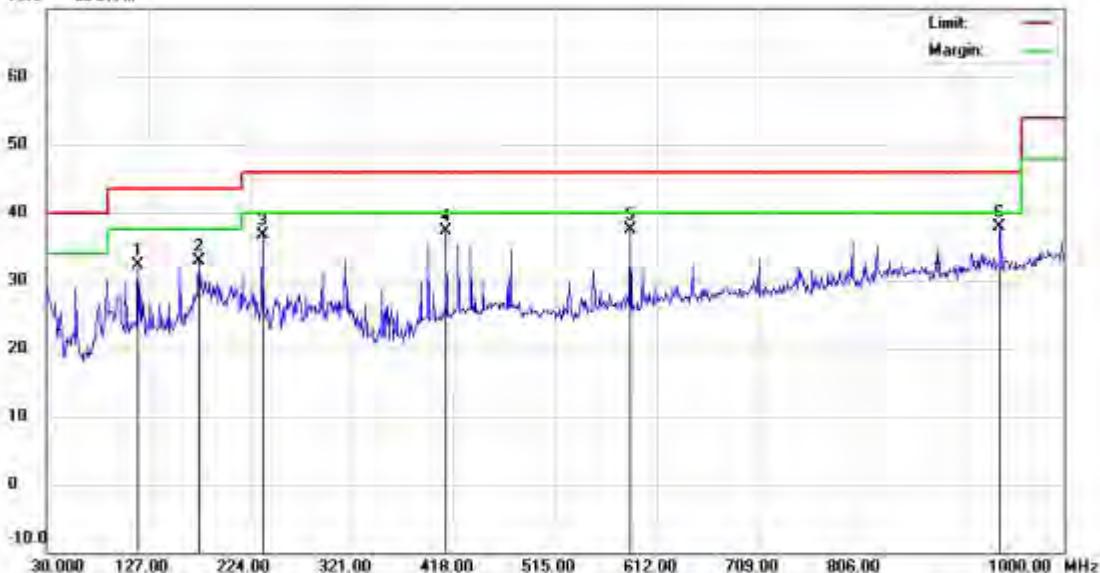
File : HL1916LA

Data : #21

Date: 2012-12-21

Time: 11:53:51

70.0 dBuV/m



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	117.2999	15.02	17.23	32.25	43.50	-11.25	QP				
2	175.5000	16.08	16.92	33.00	43.50	-10.50	QP				
3	235.6399	19.86	16.90	36.76	46.00	-9.24	QP				
4	411.2099	18.18	19.18	37.36	46.00	-8.64	QP				
5	586.7798	14.65	22.90	37.55	46.00	-8.45	QP				
6	*	938.8899	10.32	27.56	37.88	46.00	-8.12	QP			

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

Engineer Signature:

Allen



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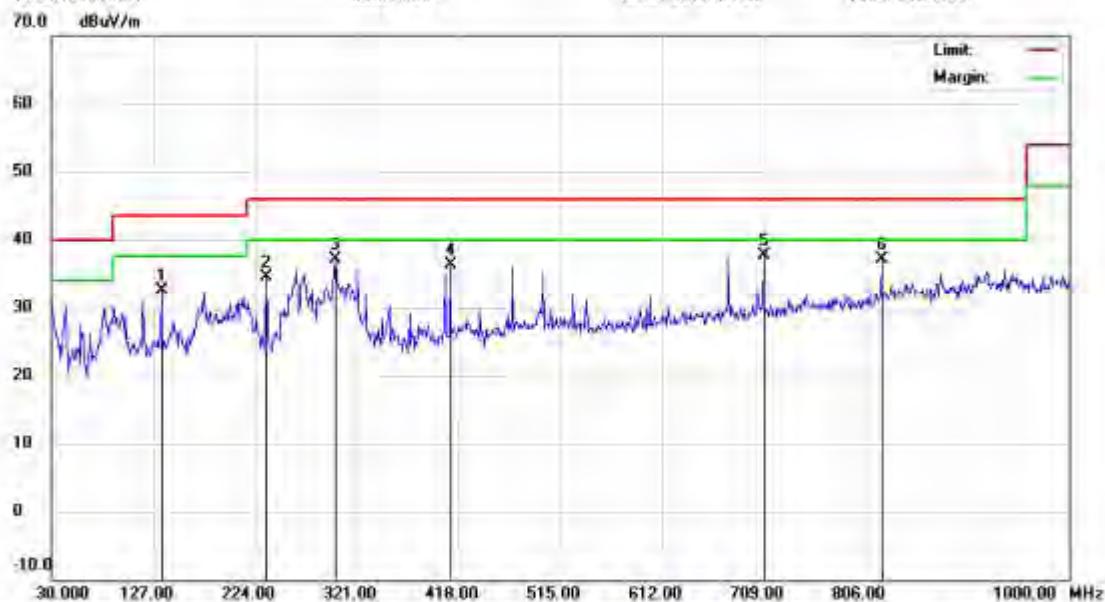
Radiated Emission Measurement

File :HL1916LA

Data #:22

Date: 2012-12-21

Time: 11:58:38



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: DVI:800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		134.7600	15.08	17.46	32.54	43.50	-10.96	QP			
2		234.6700	17.58	16.83	34.41	46.00	-11.59	QP			
3		300.6299	17.99	19.13	37.12	46.00	-8.88	QP			
4		410.2400	17.10	19.11	36.21	46.00	-9.79	QP			
5	*	709.0000	13.06	24.69	37.75	46.00	-8.25	QP			
6		821.5200	10.51	26.59	37.10	46.00	-8.90	QP			

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

Engineer Signature:

Allen



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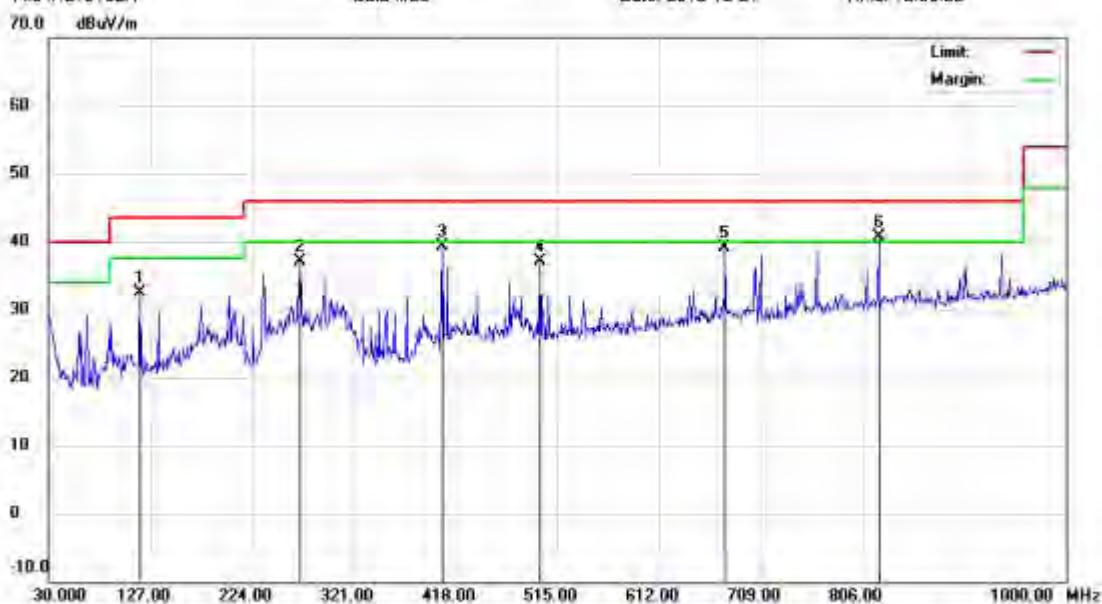
Radiated Emission Measurement

File :HL1916LA

Data :#23

Date: 2012-12-21

Time: 12:03:22



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: DVI:800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment:
1		117.3000	15.24	17.23	32.47	43.50	-11.03	QP		
2		269.5899	18.35	18.85	37.20	46.00	-8.80	QP		
3		405.3900	20.42	18.82	39.24	46.00	-6.76	QP		
4		498.5100	15.68	21.43	37.11	46.00	-8.89	QP		
5		675.0500	14.46	24.55	39.01	46.00	-6.99	QP		
6	*	821.5200	14.05	26.59	40.64	46.00	-5.36	QP		

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

Engineer Signature:

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Radiated Emission Measurement

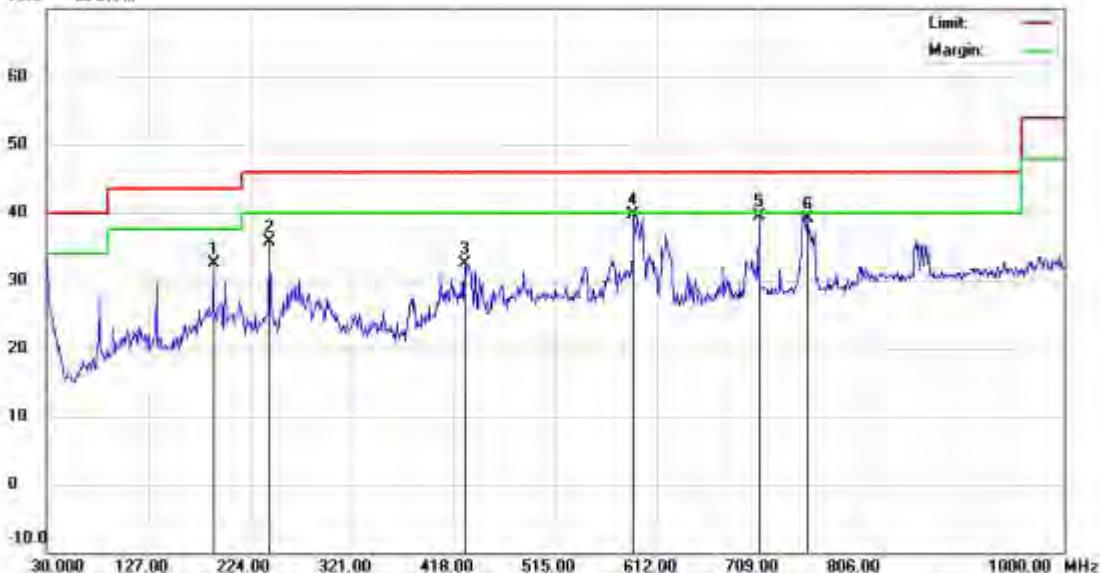
File : HL1916LA

Data : #24

Date: 2012-12-21

Time: 12:07:57

70.0 dBuV/m



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Detector	Height cm	Table degree	Comment
1		189.0800	15.86	16.60	32.46	43.50	-11.04	QP			
2		242.4300	18.42	17.30	35.72	46.00	-10.28	QP			
3		428.6700	12.17	20.30	32.47	46.00	-13.53	QP			
4	*	589.6900	16.83	22.81	39.64	46.00	-6.36	QP			
5		709.0000	14.81	24.69	39.50	46.00	-6.50	QP			
6		755.5599	13.43	25.69	39.12	46.00	-6.88	QP			

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

Engineer Signature:

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Radiated Emission Measurement

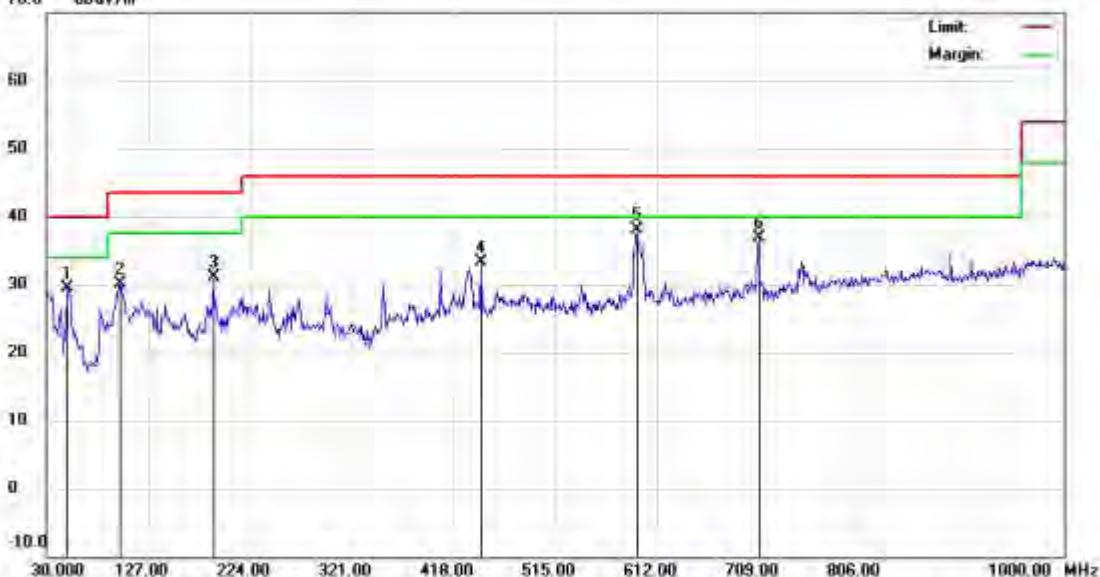
File : HL1916LA

Data #: 25

Date: 2012-12-21

Time: 12:12:19

70.0 dBuV/m



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		49.3999	17.98	11.58	29.56	40.00	-10.44	QP		
2		100.8100	16.68	13.44	30.12	43.50	-13.38	QP		
3		189.0800	14.42	16.60	31.02	43.50	-12.48	QP		
4		444.1899	13.18	20.22	33.40	46.00	-12.60	QP		
5	*	593.5700	15.22	22.84	38.06	46.00	-7.94	QP		
6		709.0000	12.28	24.69	36.97	46.00	-9.03	QP		

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

Engineer Signature:

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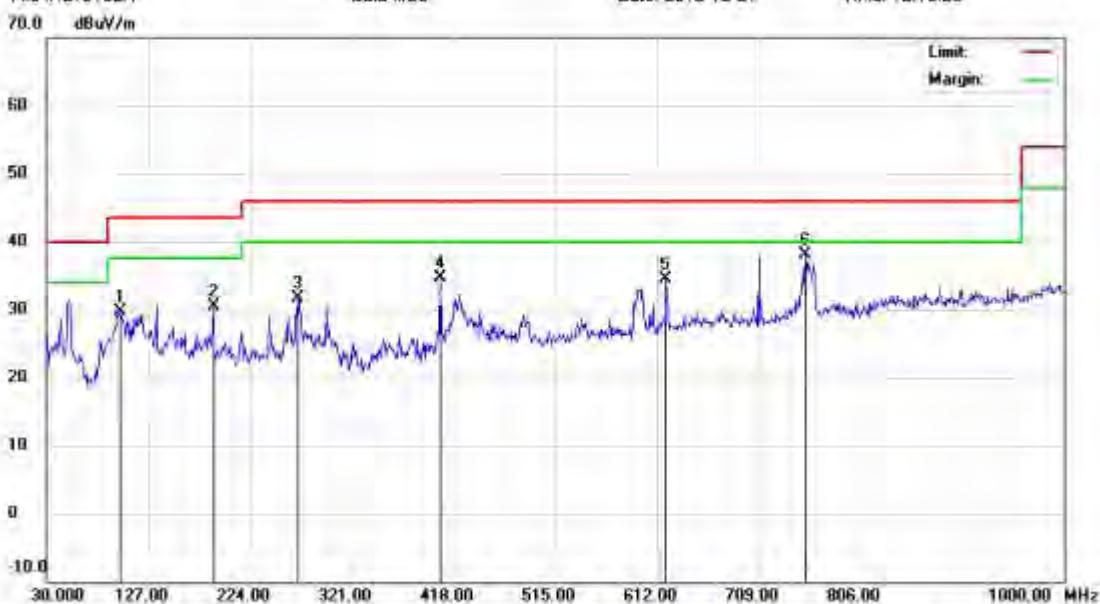
Radiated Emission Measurement

File :HL1916LA

Data #:26

Date: 2012-12-21

Time: 12:16:25



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: VGA:1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment:
1		99.8400	16.45	13.16	29.61	43.50	-13.89	QP		
2		189.0800	13.85	16.60	30.45	43.50	-13.05	QP		
3		269.5899	12.89	18.85	31.74	46.00	-14.26	QP		
4		405.3899	15.90	18.82	34.72	46.00	-11.28	QP		
5		620.7300	10.97	23.51	34.48	46.00	-11.52	QP		
6	*	753.6200	12.40	25.73	38.13	46.00	-7.87	QP		

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

Engineer Signature:

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Radiated Emission Measurement

File : HL1916LA

Data #: 27

Date: 2012-12-21

Time: 12:20:29

70.0 dBuV/m



Site Chamber #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: VGA:1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Detector	Height cm	Table degree	Comment
1	*	189.0800	19.09	16.60	35.69	43.50	-7.81	QP			
2		317.1200	18.69	16.88	35.57	46.00	-10.43	QP			
3		485.8999	15.51	21.78	37.29	46.00	-8.71	QP			
4		609.0900	13.11	23.20	36.31	46.00	-9.69	QP			
5		717.7300	10.45	24.68	35.13	46.00	-10.87	QP			
6		866.1399	10.12	27.04	37.16	46.00	-8.84	QP			

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

Engineer Signature:

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Radiated Emission Measurement

File : HL1916LA

Data #: 28

Date: 2012-12-21

Time: 12:24:11



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: VGA:800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	30.9699	7.09	24.05	31.14	40.00	-8.86	QP		
2		189.0800	16.99	16.60	33.59	43.50	-9.91	QP		
3		296.7500	13.54	19.30	32.84	46.00	-13.16	QP		
4		457.7699	16.84	20.29	37.13	46.00	-8.87	QP		
5		819.5800	10.12	26.47	36.59	46.00	-9.41	QP		
6		965.0800	9.33	28.00	37.33	54.00	-16.67	QP		

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

Engineer Signature:

Allen



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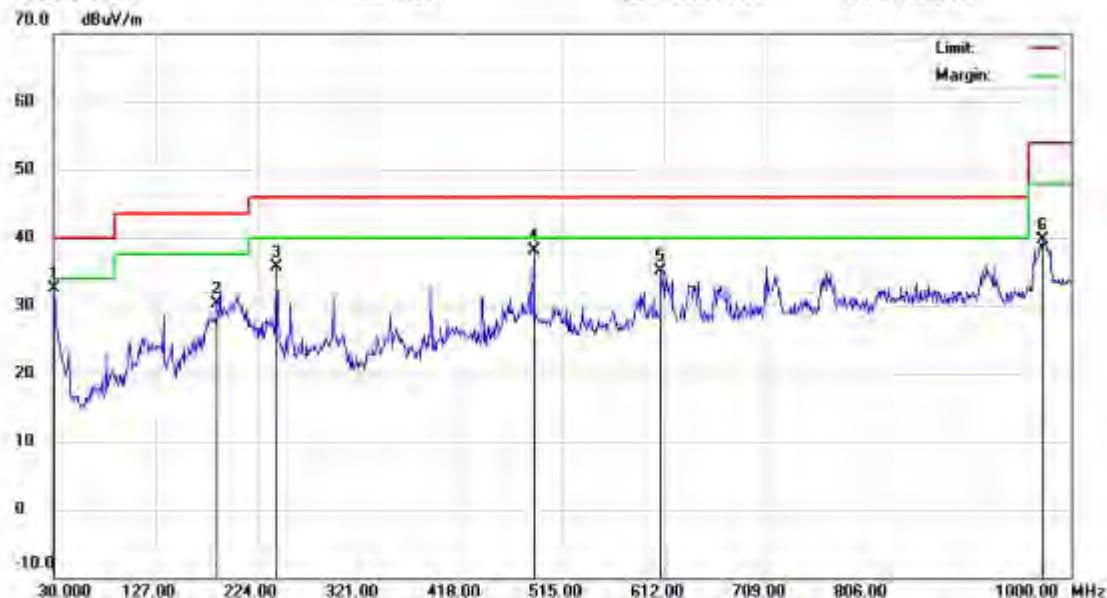
Radiated Emission Measurement

File :HL1916LA

Data #:29

Date: 2012-12-21

Time: 12:28:44



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LA

Mode: Running "H" Pattern

Note: VGA:800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment:
1	*	30.9699	8.44	24.05	32.49	40.00	-7.51	QP		
2		186.1699	13.80	16.60	30.40	43.50	-13.10	QP		
3		242.4300	18.42	17.30	35.72	46.00	-10.28	QP		
4		487.8399	16.41	21.74	38.15	46.00	-7.85	QP		
5		609.0900	11.85	23.20	35.05	46.00	-10.95	QP		
6		972.8400	11.56	28.19	39.75	54.00	-14.25	QP		

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

Engineer Signature:

Allen



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Radiated Emission Measurement

File : HL1916LBT

Data #: 22

Date: 2012-12-21

Time: 14:48:46



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: DP

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		117.3000	15.32	17.23	32.55	43.50	-10.95	QP			
2		175.5000	16.04	16.93	32.97	43.50	-10.53	QP			
3		267.6500	16.00	18.60	34.60	46.00	-11.40	QP			
4		410.2400	18.63	19.11	37.74	46.00	-8.26	QP			
5		498.5100	14.63	21.43	36.06	46.00	-9.94	QP			
6	*	675.0500	13.61	24.55	38.16	46.00	-7.84	QP			

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

Engineer Signature:

Allen



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Guangdong ,China
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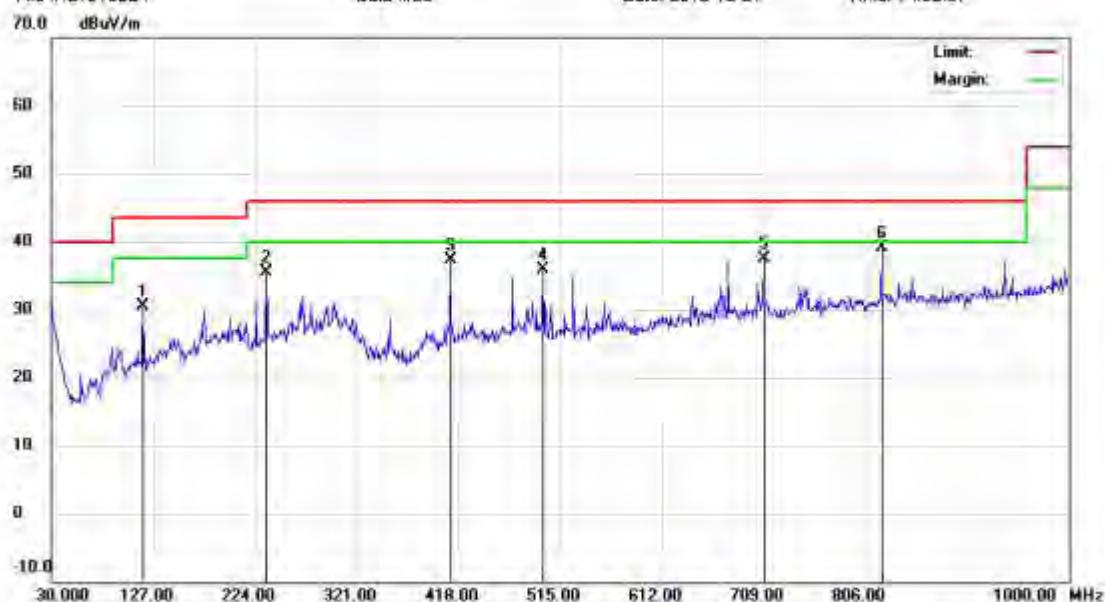
Radiated Emission Measurement

File : HL1916LBT

Data : #23

Date: 2012-12-21

Time: 14:52:57



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: DP

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		117.3000	13.24	17.23	30.47	43.50	-13.03	QP			
2		234.6700	18.73	16.83	35.56	46.00	-10.44	QP			
3		410.2400	18.18	19.11	37.29	46.00	-8.71	QP			
4		498.5100	14.54	21.43	35.97	46.00	-10.03	QP			
5		709.0000	12.91	24.69	37.60	46.00	-8.40	QP			
6	*	821.5200	12.52	26.59	39.11	46.00	-6.89	QP			

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Engineer Signature:

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Radiated Emission Measurement

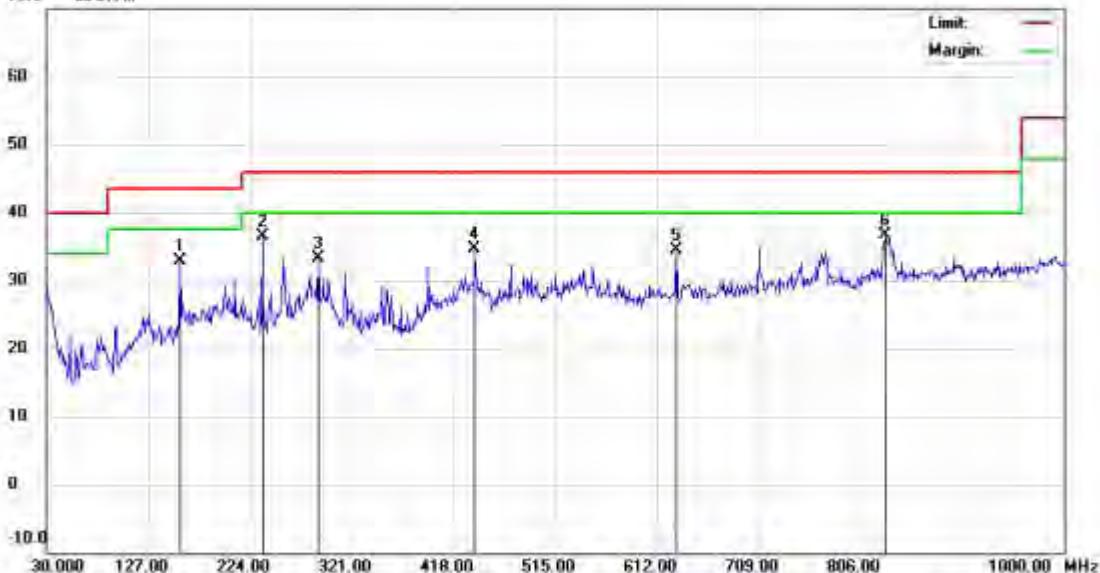
File : HL1916LBT

Data #: 24

Date: 2012-12-21

Time: 14:59:33

70.0 dBuV/m



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		157.0699	15.81	17.01	32.82	43.50	-10.68	QP			
2		235.6399	19.59	16.90	36.49	46.00	-9.51	QP			
3		288.9900	13.82	19.41	33.23	46.00	-12.77	QP			
4		438.3700	14.30	20.31	34.61	46.00	-11.39	QP			
5		630.4298	10.80	23.80	34.60	46.00	-11.40	QP			
6	*	829.2798	9.70	26.97	36.67	46.00	-9.33	QP			

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

Engineer Signature:

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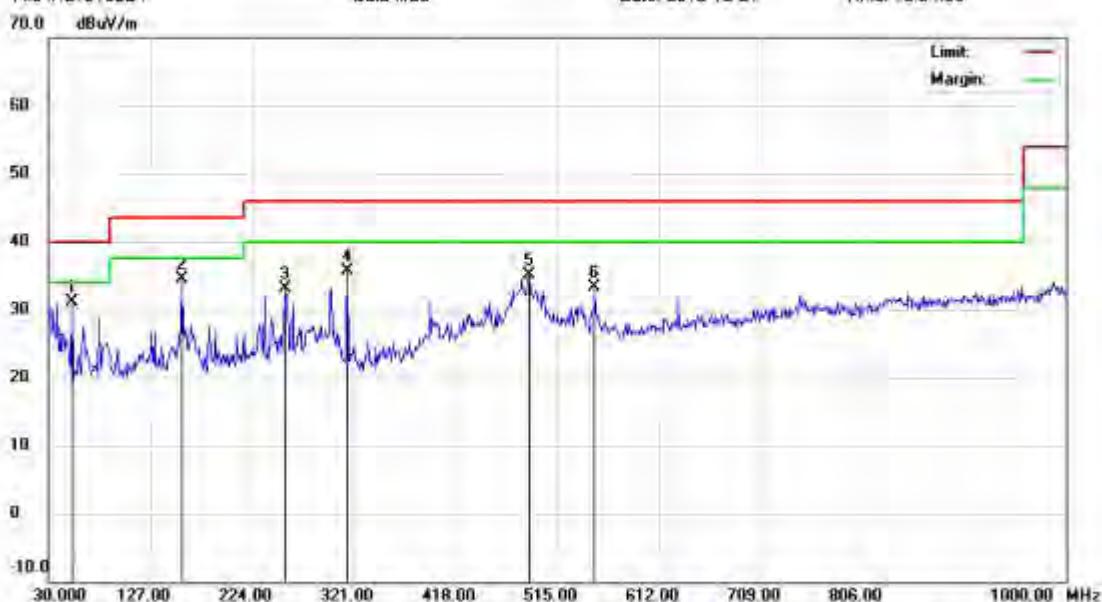
Radiated Emission Measurement

File : HL1916LBT

Data #: 25

Date: 2012-12-21

Time: 15:04:36



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: DVI:1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment:
1	*	52.3100	20.04	11.02	31.06	40.00	-8.94	QP		
2		157.0699	17.47	17.01	34.48	43.50	-9.02	QP		
3		256.0099	15.65	17.44	33.09	46.00	-12.91	QP		
4		315.1800	18.87	16.81	35.68	46.00	-10.32	QP		
5		487.8399	13.42	21.74	35.16	46.00	-10.84	QP		
6		550.8899	10.67	22.54	33.21	46.00	-12.79	QP		

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Engineer Signature:

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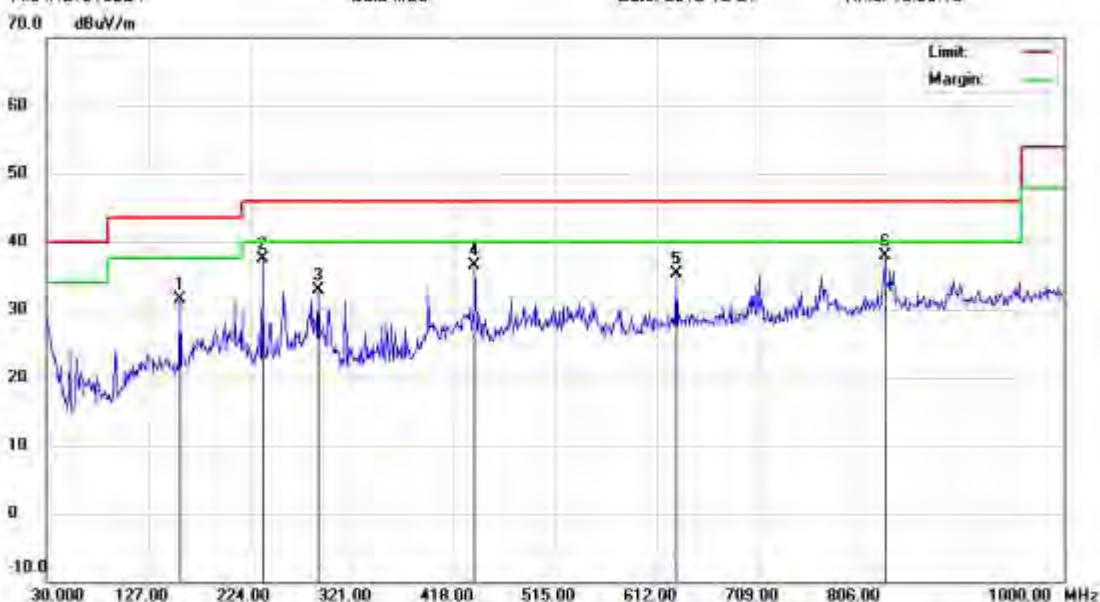
Radiated Emission Measurement

File : HL1916LBT

Data #: 26

Date: 2012-12-21

Time: 15:09:13



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment:
1		157.0699	14.53	17.01	31.54	43.50	-11.96	QP		
2		235.6399	20.52	16.90	37.42	46.00	-8.58	QP		
3		288.9900	13.46	19.41	32.87	46.00	-13.13	QP		
4		438.3700	16.29	20.31	36.60	46.00	-9.40	QP		
5		630.4298	11.60	23.80	35.40	46.00	-10.60	QP		
6	*	829.2798	10.97	26.97	37.94	46.00	-8.06	QP		

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

Engineer Signature:

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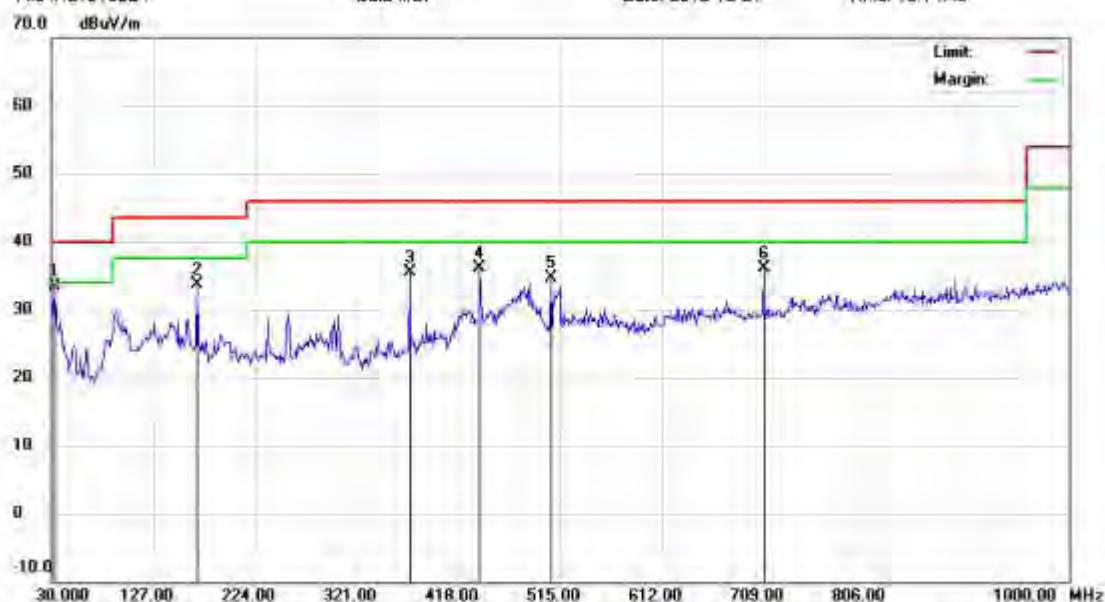
Radiated Emission Measurement

File : HL1916LBT

Data #: 27

Date: 2012-12-21

Time: 15:14:48



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: DVI:1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	32.9099	11.03	22.56	33.59	40.00	-6.41	QP			
2		168.7100	16.58	17.20	33.78	43.50	-9.72	QP			
3		371.4399	17.39	18.21	35.60	46.00	-10.40	QP			
4		438.3700	15.85	20.31	36.16	46.00	-9.84	QP			
5		506.2699	13.25	21.43	34.68	46.00	-11.32	QP			
6		709.0000	11.44	24.69	36.13	46.00	-9.87	QP			

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Engineer Signature:

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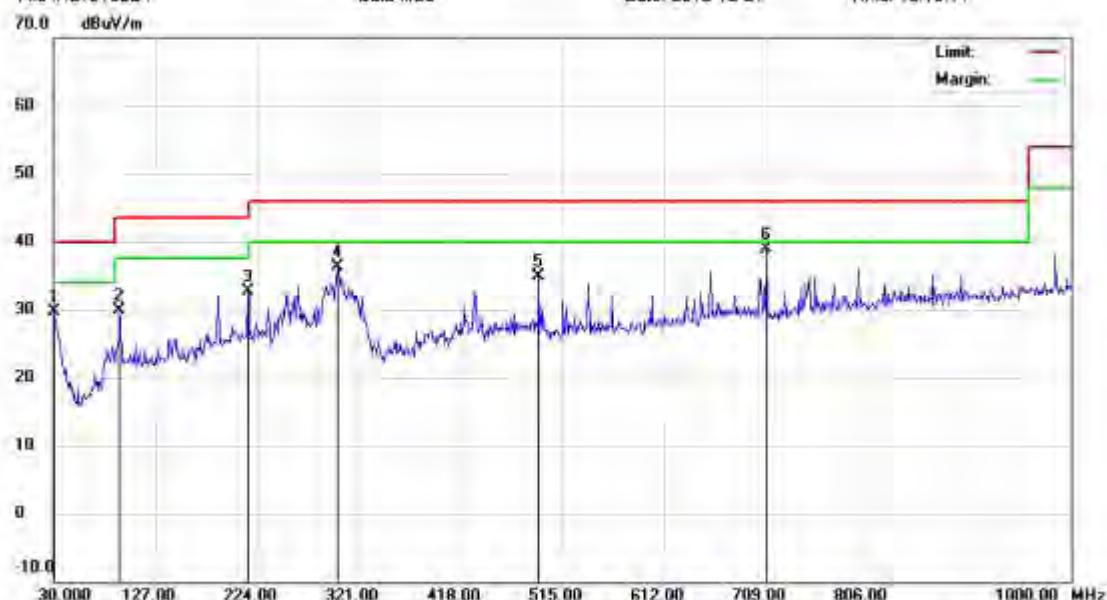
Radiated Emission Measurement

File : HL1916LBT

Data #: 28

Date: 2012-12-21

Time: 15:19:11



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: DVI: 800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		30.0000	4.99	24.80	29.79	40.00	-10.21	QP			
2		93.0500	18.13	11.80	29.93	43.50	-13.57	QP			
3		215.2700	16.55	16.12	32.67	43.50	-10.83	QP			
4		300.6298	17.27	19.13	36.40	46.00	-9.60	QP			
5		492.6899	13.28	21.59	34.87	46.00	-11.13	QP			
6	*	709.9699	14.15	24.70	38.85	46.00	-7.15	QP			

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

Engineer Signature:

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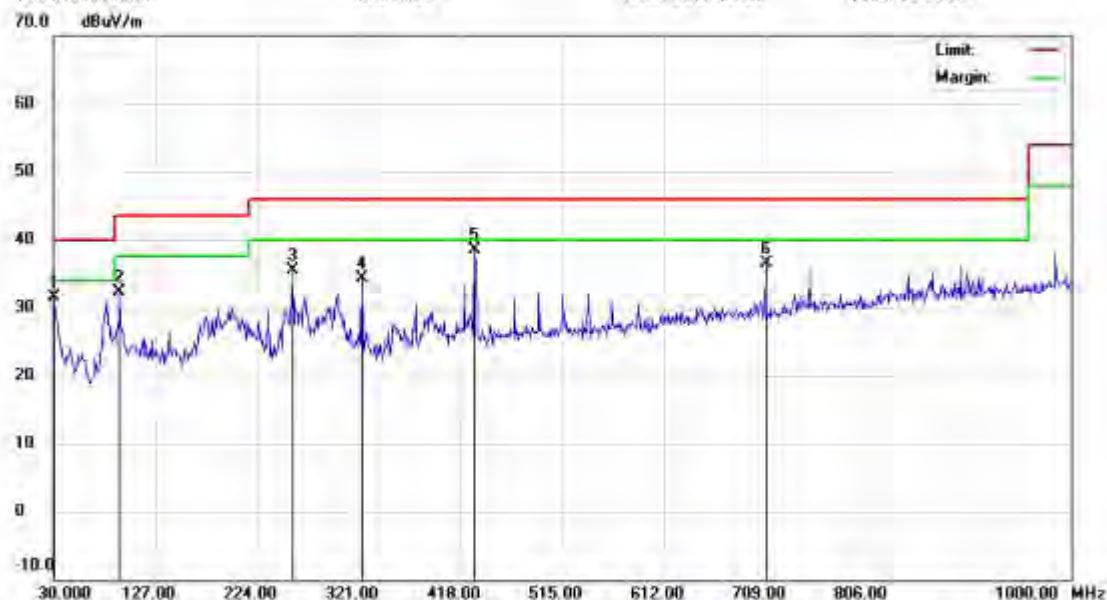
Radiated Emission Measurement

File : HL1916LBT

Data #: 29

Date: 2012-12-21

Time: 15:25:06



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: DVI: 800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		30.0000	6.73	24.80	31.53	40.00	-8.47	QP			
2		93.0500	20.51	11.80	32.31	43.50	-11.19	QP			
3		257.9499	18.00	17.52	35.52	46.00	-10.48	QP			
4		323.9100	17.39	17.00	34.39	46.00	-11.61	QP			
5	*	431.5800	18.21	20.32	38.53	46.00	-7.47	QP			
6		709.0000	11.86	24.69	36.55	46.00	-9.45	QP			

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

Engineer Signature:

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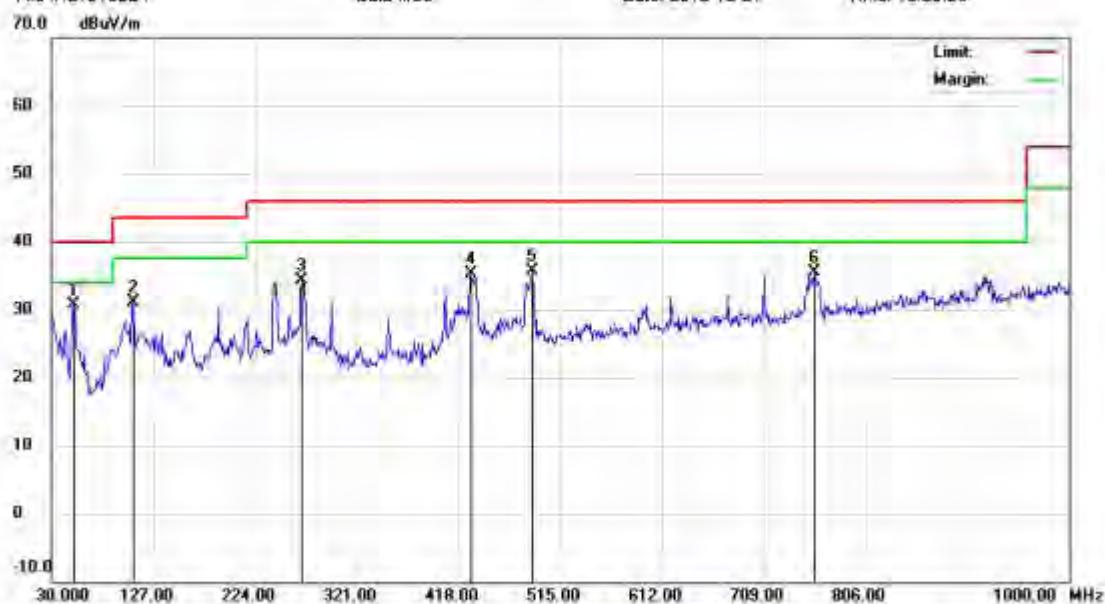
Radiated Emission Measurement

File : HL1916LBT

Data #: 30

Date: 2012-12-21

Time: 15:29:56



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: VGA: 1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment:
1	*	51.3400	19.59	11.14	30.73	40.00	-9.27	QP		
2		107.5999	15.75	15.41	31.16	43.50	-12.34	QP		
3		268.6200	15.49	18.72	34.21	46.00	-11.79	QP		
4		429.6399	15.04	20.30	35.34	46.00	-10.66	QP		
5		487.8399	13.92	21.74	35.66	46.00	-10.34	QP		
6		757.5000	9.76	25.65	35.41	46.00	-10.59	QP		

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

Engineer Signature:

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Radiated Emission Measurement

File : HL1916LBT

Data #: 31

Date: 2012-12-21

Time: 15:35:17



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: VGA: 1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		189.0800	15.95	16.60	32.55	43.50	-10.95	QP			
2		242.4300	16.79	17.30	34.09	46.00	-11.91	QP			
3		405.3899	16.28	18.82	35.10	46.00	-10.90	QP			
4		442.2500	15.76	20.25	36.01	46.00	-9.99	QP			
5		593.5700	15.10	22.84	37.94	46.00	-8.06	QP			
6	*	758.4699	12.43	25.63	38.06	46.00	-7.94	QP			

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

Engineer Signature:

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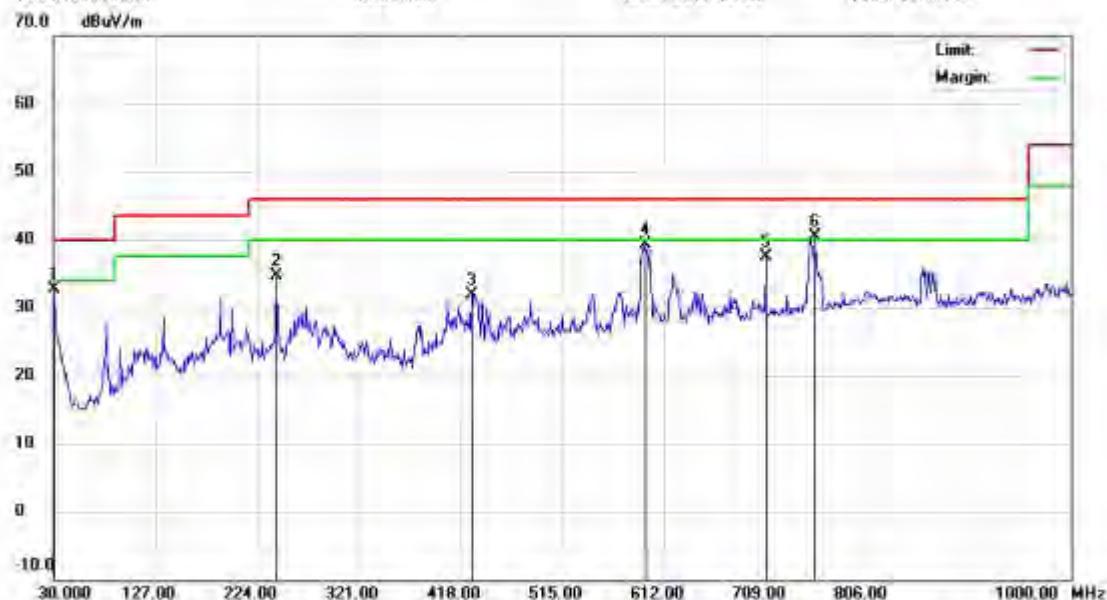
Radiated Emission Measurement

File : HL1916LBT

Data #: 32

Date: 2012-12-21

Time: 15:41:44



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: VGA: 1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		30.9699	8.68	24.05	32.73	40.00	-7.27	QP			
2		242.4300	17.42	17.30	34.72	46.00	-11.28	QP			
3		428.6700	11.67	20.30	31.97	46.00	-14.03	QP			
4		594.5398	16.39	22.85	39.24	46.00	-6.76	QP			
5		709.0000	12.81	24.69	37.50	46.00	-8.50	QP			
6	*	756.5298	14.88	25.67	40.55	46.00	-5.45	QP			

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

Engineer Signature:

Allen



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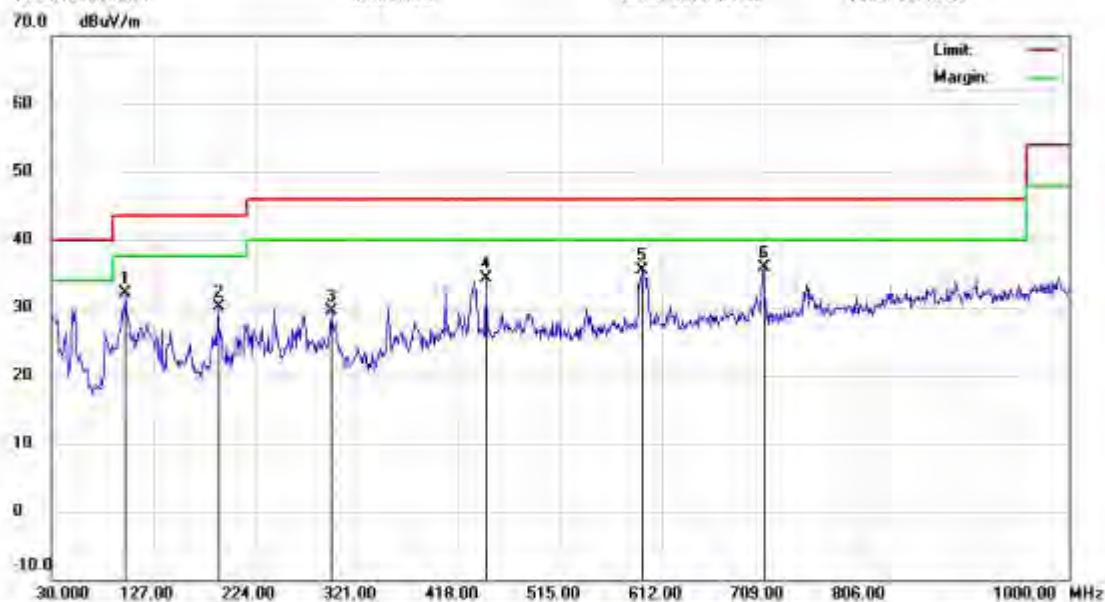
Radiated Emission Measurement

File :HL1916LBT

Data #:33

Date: 2012-12-21

Time: 15:46:28



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: VGA: 1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		100.8100	18.68	13.44	32.12	43.50	-11.38	QP			
2		189.0800	13.42	16.60	30.02	43.50	-13.48	QP			
3		296.7500	10.20	19.30	29.50	46.00	-16.50	QP			
4		444.1899	14.18	20.22	34.40	46.00	-11.60	QP			
5		593.5700	12.72	22.84	35.56	46.00	-10.44	QP			
6	*	709.0000	11.28	24.69	35.97	46.00	-10.03	QP			

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

Engineer Signature:

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Radiated Emission Measurement

File :HL1916LBT

Data #:34

Date: 2012-12-21

Time: 15:51:01



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: VGA: 800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	51.3400	20.20	11.14	31.34	40.00	-8.66	QP			
2		189.0800	13.85	16.60	30.45	43.50	-13.05	QP			
3		269.5899	13.39	18.85	32.24	46.00	-13.76	QP			
4		405.3899	16.90	18.82	35.72	46.00	-10.28	QP			
5		620.7300	10.97	23.51	34.48	46.00	-11.52	QP			
6		753.6200	10.40	25.73	36.13	46.00	-9.87	QP			

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

Engineer Signature:

Allen



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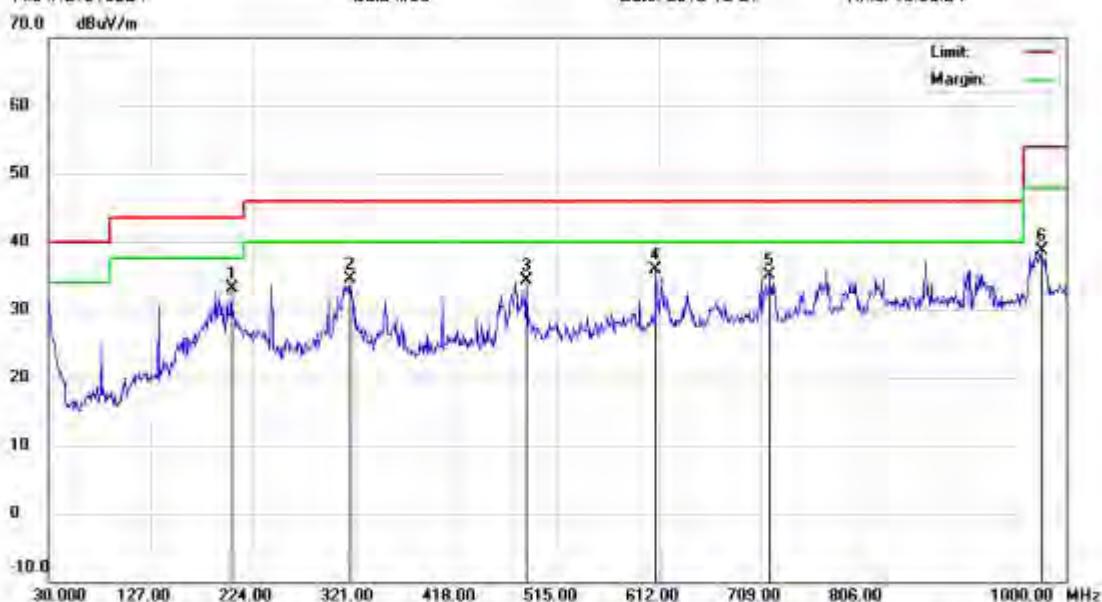
Radiated Emission Measurement

File : HL1916LBT

Data : #35

Date: 2012-12-21

Time: 15:56:24



Site Chamber #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916LBT

Mode: Running "H" Pattern

Note: VGA: 800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		204.5999	15.96	17.17	33.13	43.50	-10.37	QP			
2		317.1200	17.69	16.88	34.57	46.00	-11.43	QP			
3		485.8999	12.51	21.78	34.29	46.00	-11.71	QP			
4	*	609.0900	12.61	23.20	35.81	46.00	-10.19	QP			
5		717.7300	10.45	24.68	35.13	46.00	-10.87	QP			
6		976.7200	10.27	28.37	38.64	54.00	-15.36	QP			

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

Engineer Signature:

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Radiated Emission Measurement

File : HL1916VA

Data : #19

Date: 2012-12-21

Time: 16:21:01



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: DP

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment:
1	*	38.7299	12.37	17.85	30.22	40.00	-9.78	QP		
2		157.0699	15.97	17.01	32.98	43.50	-10.52	QP		
3		256.0099	16.15	17.44	33.59	46.00	-12.41	QP		
4		315.1800	18.87	16.81	35.68	46.00	-10.32	QP		
5		481.0500	11.84	21.72	33.56	46.00	-12.44	QP		
6		550.8899	10.17	22.54	32.71	46.00	-13.29	QP		

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

Engineer Signature:

Allen



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Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

File :HL1916VA

Data #20

Date: 2012-12-21

Time: 16:25:27



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: DP

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	30.0000	6.36	24.80	31.16	40.00	-8.84	QP			
2		107.6000	11.38	15.41	26.79	43.50	-16.71	QP			
3		215.2700	16.75	16.12	32.87	43.50	-10.63	QP			
4		303.5400	9.97	18.34	28.31	46.00	-17.69	QP			
5		323.9100	15.12	17.00	32.12	46.00	-13.88	QP			
6		519.8500	13.14	21.79	34.93	46.00	-11.07	QP			

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

Engineer Signature:

Allen



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Guangdong ,China
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

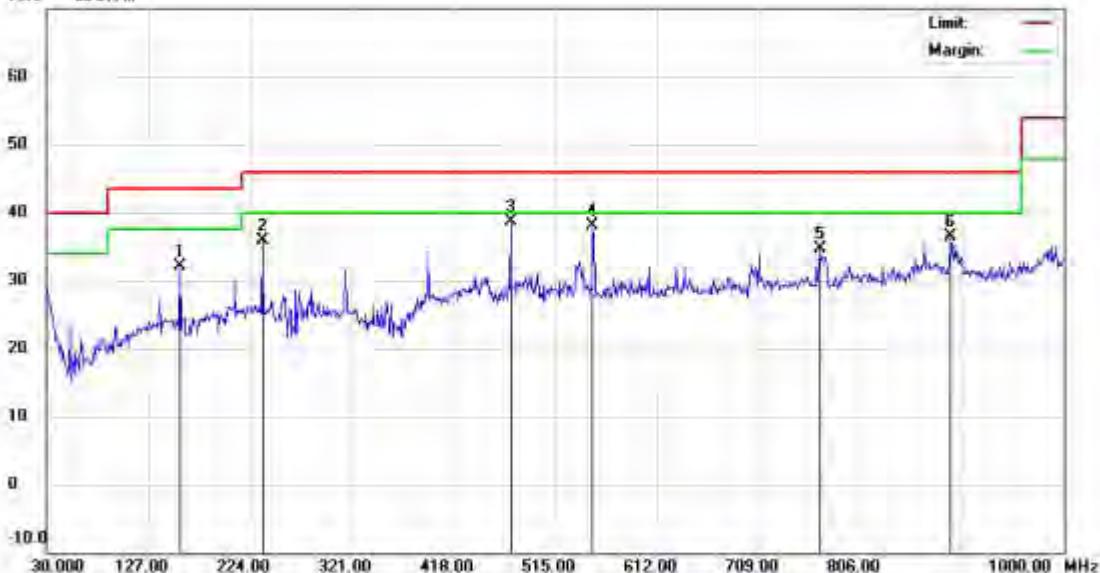
File : HL1916VA

Data #21

Date: 2012-12-21

Time: 16:32:14

70.0 dBuV/m



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: DVI: 1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		157.0699	15.10	17.01	32.11	43.50	-11.39	QP			
2		235.6399	19.03	16.90	35.93	46.00	-10.07	QP			
3	*	472.3199	17.38	21.29	38.67	46.00	-7.33	QP			
4		550.8899	15.53	22.54	38.07	46.00	-7.93	QP			
5		768.1698	8.79	25.86	34.65	46.00	-11.35	QP			
6		892.3300	9.25	27.32	36.57	46.00	-9.43	QP			

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

Engineer Signature:

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Radiated Emission Measurement

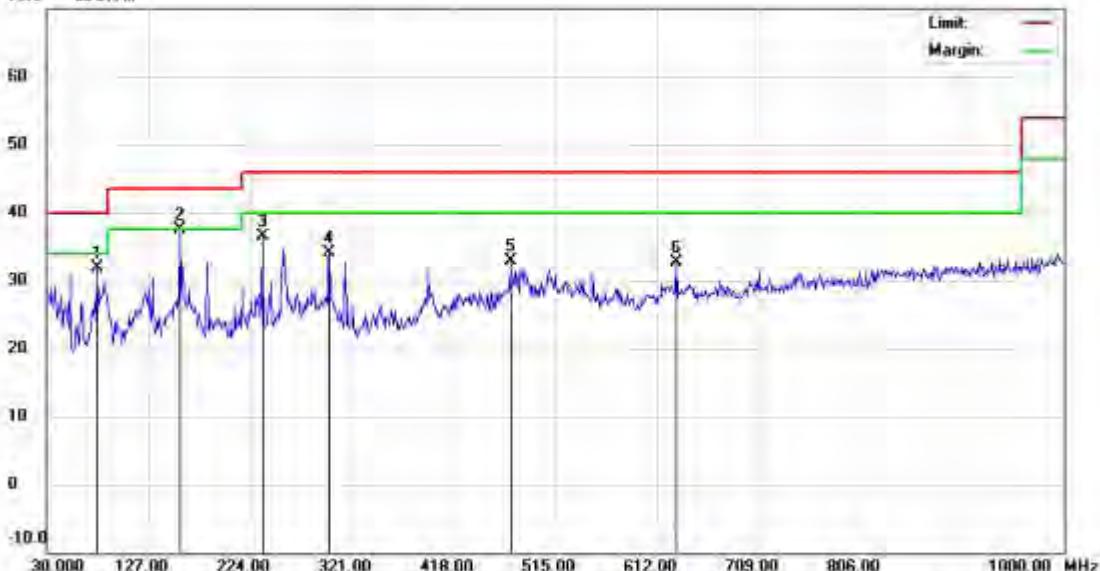
File : HL1916VA

Data #22

Date: 2012-12-21

Time: 16:38:31

70.0 dBuV/m



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: DVI: 1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment:
1		78.5000	20.46	11.47	31.93	40.00	-8.07	QP		
2	*	157.0699	20.57	17.01	37.58	43.50	-5.92	QP		
3		235.6399	19.61	16.90	36.51	46.00	-9.49	QP		
4		299.6600	14.72	19.30	34.02	46.00	-11.98	QP		
5		472.3199	11.54	21.29	32.83	46.00	-13.17	QP		
6		630.4298	8.89	23.80	32.69	46.00	-13.31	QP		

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

Engineer Signature:

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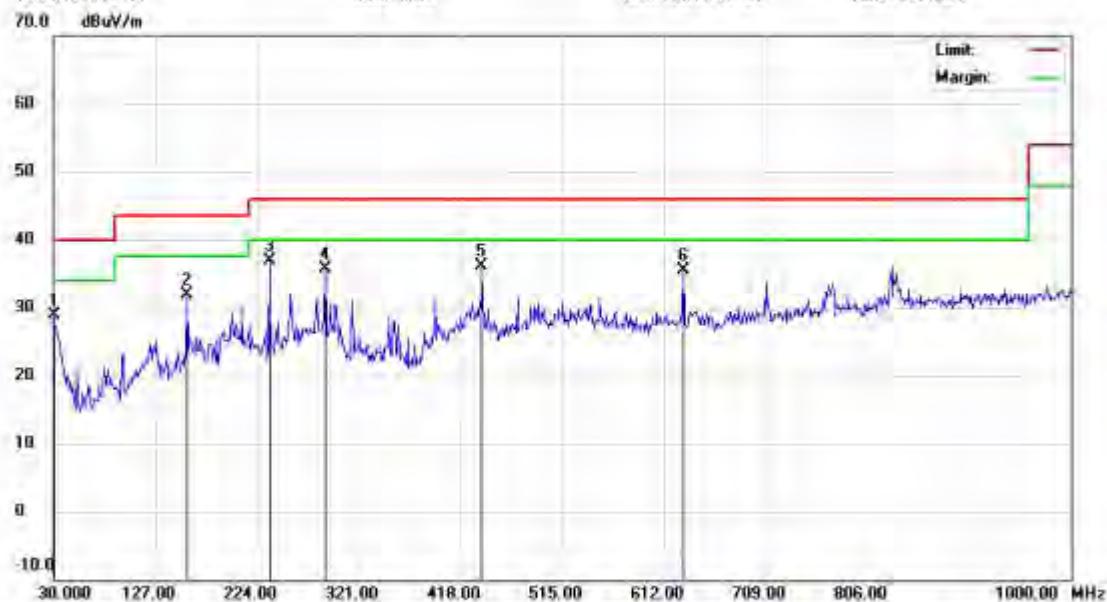
Radiated Emission Measurement

File :HL1916VA

Data #23

Date: 2012-12-21

Time: 16:42:05



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: DVI: 1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table degree	Comment
1		30.0000	4.13	24.80	28.93	40.00	-11.07	QP			
2		157.0699	14.81	17.01	31.82	43.50	-11.68	QP			
3	*	235.6399	20.09	16.90	36.99	46.00	-9.01	QP			
4		288.9900	16.32	19.41	35.73	46.00	-10.27	QP			
5		438.3700	15.80	20.31	36.11	46.00	-9.89	QP			
6		630.4298	11.80	23.80	35.60	46.00	-10.40	QP			

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

Engineer Signature:

Allen



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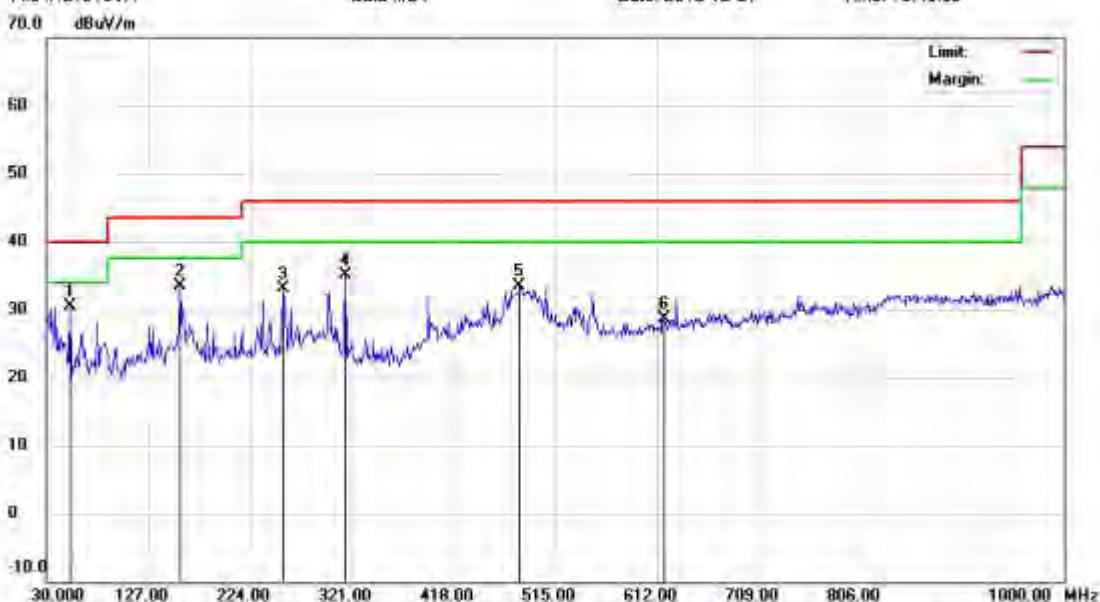
Radiated Emission Measurement

File : HL1916VA

Data : #24

Date: 2012-12-21

Time: 16:46:09



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: DVI: 1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	52.3100	19.54	11.02	30.56	40.00	-9.44	QP			
2		157.0699	16.47	17.01	33.48	43.50	-10.02	QP			
3		256.0099	15.65	17.44	33.09	46.00	-12.91	QP			
4		315.1800	18.37	16.81	35.18	46.00	-10.82	QP			
5		481.0500	11.84	21.72	33.56	46.00	-12.44	QP			
6		618.7898	5.21	23.47	28.68	46.00	-17.32	QP			

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

Engineer Signature:

Allen



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Radiated Emission Measurement

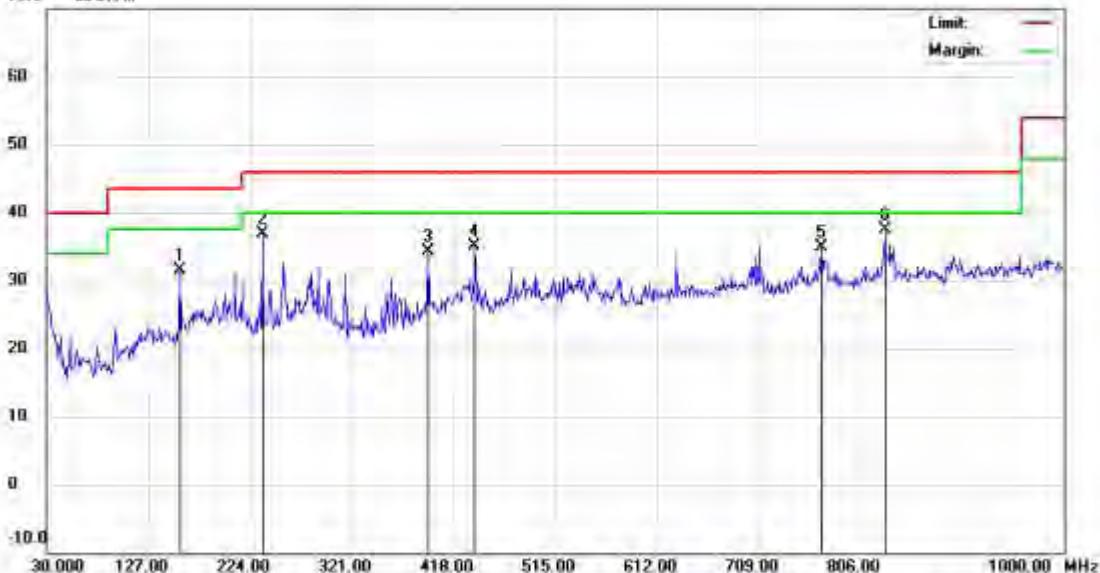
File :HL1916VA

Data #25

Date: 2012-12-21

Time: 16:52:48

70.0 dBuV/m



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: DVI: 800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		157.0699	14.53	17.01	31.54	43.50	-11.96	QP			
2		235.6399	20.02	16.90	36.92	46.00	-9.08	QP			
3		393.7500	15.76	18.49	34.25	46.00	-11.75	QP			
4		438.3700	14.79	20.31	35.10	46.00	-10.90	QP			
5		769.1399	9.00	25.88	34.88	46.00	-11.12	QP			
6	*	829.2798	10.47	26.97	37.44	46.00	-8.56	QP			

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

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Radiated Emission Measurement

File :HL1916VA

Data :#26

Date: 2012-12-21

Time: 16:57:13



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: DVI: 800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment:
1	*	32.9099	10.03	22.56	32.59	40.00	-7.41	QP		
2		168.7100	14.58	17.20	31.78	43.50	-11.72	QP		
3		371.4399	16.39	18.21	34.60	46.00	-11.40	QP		
4		438.3700	14.85	20.31	35.16	46.00	-10.84	QP		
5		506.2699	13.25	21.43	34.68	46.00	-11.32	QP		
6		709.0000	11.44	24.69	36.13	46.00	-9.87	QP		

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

Engineer Signature:

Allen



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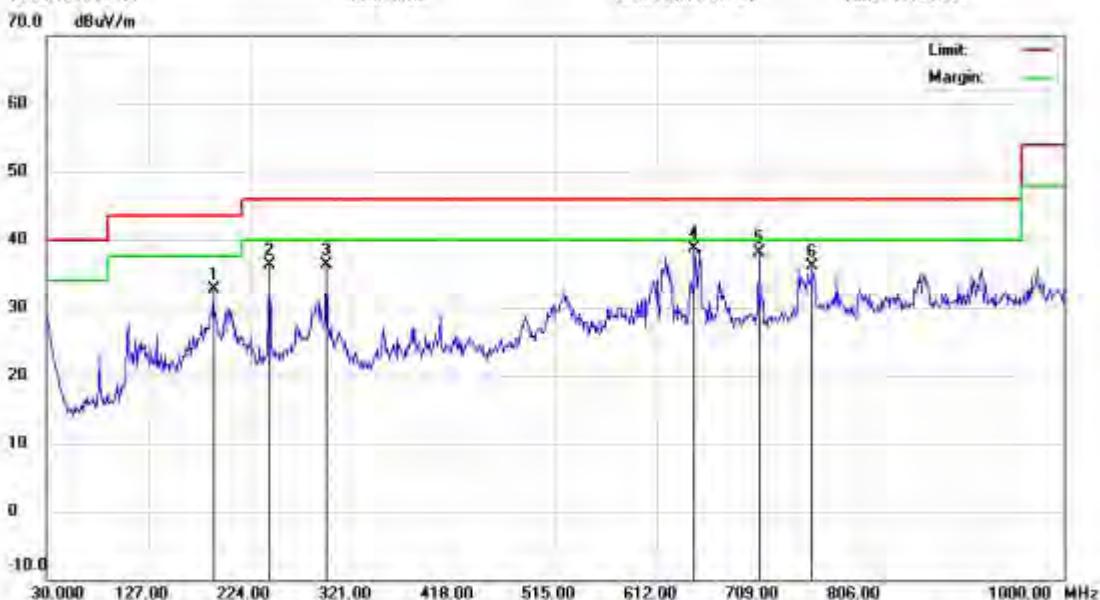
Radiated Emission Measurement

File :HL1916VA

Data #27

Date: 2012-12-21

Time: 17:06:39



Site Chamber #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: VGA: 1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		189.0800	16.14	16.60	32.74	43.50	-10.76	QP			
2		242.4300	19.06	17.30	36.36	46.00	-9.64	QP			
3		296.7500	17.08	19.30	36.38	46.00	-9.62	QP			
4	*	647.8899	14.72	24.08	38.80	46.00	-7.20	QP			
5		709.0000	13.45	24.69	38.14	46.00	-7.86	QP			
6		760.4098	10.41	25.62	36.03	46.00	-9.97	QP			

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

Engineer Signature:

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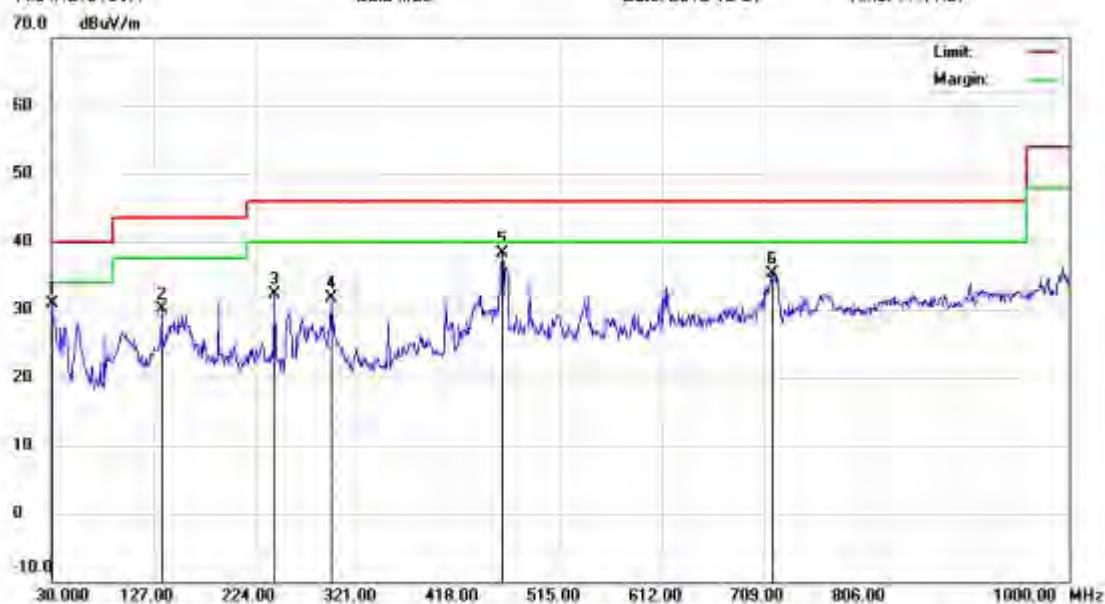
Radiated Emission Measurement

File :HL1916VA

Data :#28

Date: 2012-12-21

Time: 17:11:57



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: VGA: 1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		30.0000	6.09	24.80	30.89	40.00	-9.11	QP			
2		134.7599	12.71	17.46	30.17	43.50	-13.33	QP			
3		242.4300	15.05	17.30	32.35	46.00	-13.65	QP			
4		296.7500	12.31	19.30	31.61	46.00	-14.39	QP			
5	*	459.7099	17.95	20.39	38.34	46.00	-7.66	QP			
6		716.7599	10.57	24.67	35.24	46.00	-10.76	QP			

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

Engineer Signature:

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Radiated Emission Measurement

File :HL1916VA

Data #29

Date: 2012-12-21

Time: 17:16:00



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: VGA: 1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		134.7599	12.75	17.46	30.21	43.50	-13.29	QP			
2		242.4300	16.63	17.30	33.93	46.00	-12.07	QP			
3		296.7500	14.11	19.30	33.41	46.00	-12.59	QP			
4		485.8999	12.93	21.78	34.71	46.00	-11.29	QP			
5		611.0298	12.17	23.23	35.40	46.00	-10.60	QP			
6	*	749.7400	9.69	25.80	35.49	46.00	-10.51	QP			

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

Engineer Signature:

Allen



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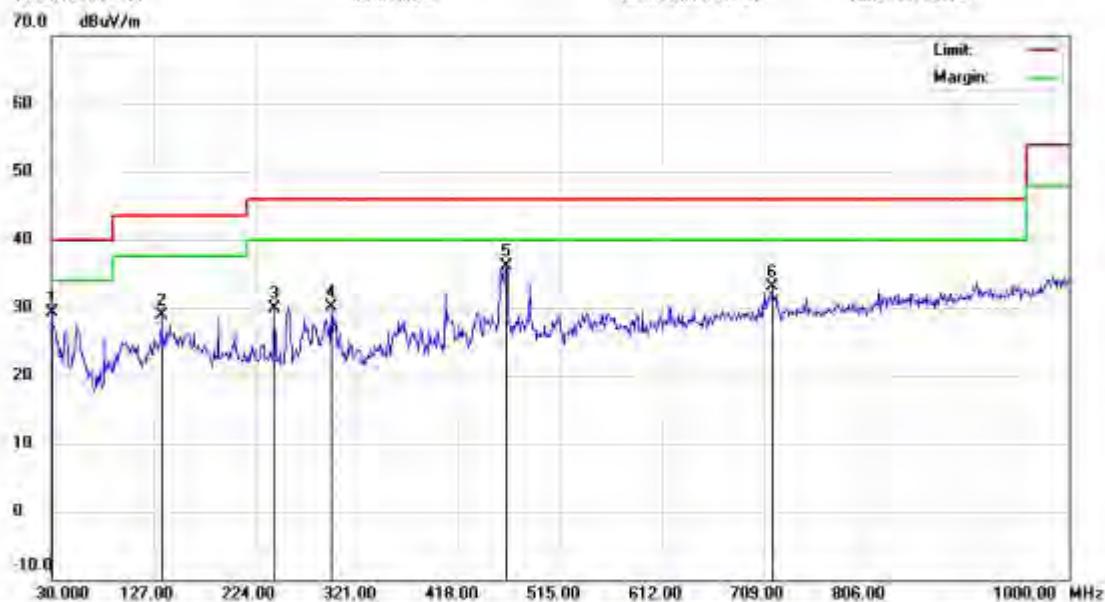
Radiated Emission Measurement

File :HL1916VA

Data #30

Date: 2012-12-21

Time: 17:20:16



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: VGA: 1024*768@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		30.0000	4.60	24.80	29.40	40.00	-10.60	QP			
2		134.7599	11.41	17.46	28.87	43.50	-14.63	QP			
3		242.4300	12.62	17.30	29.92	46.00	-16.08	QP			
4		296.7500	10.90	19.30	30.20	46.00	-15.80	QP			
5	*	463.5899	15.35	20.80	36.15	46.00	-9.85	QP			
6		716.7599	8.41	24.67	33.08	46.00	-12.92	QP			

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

Engineer Signature:

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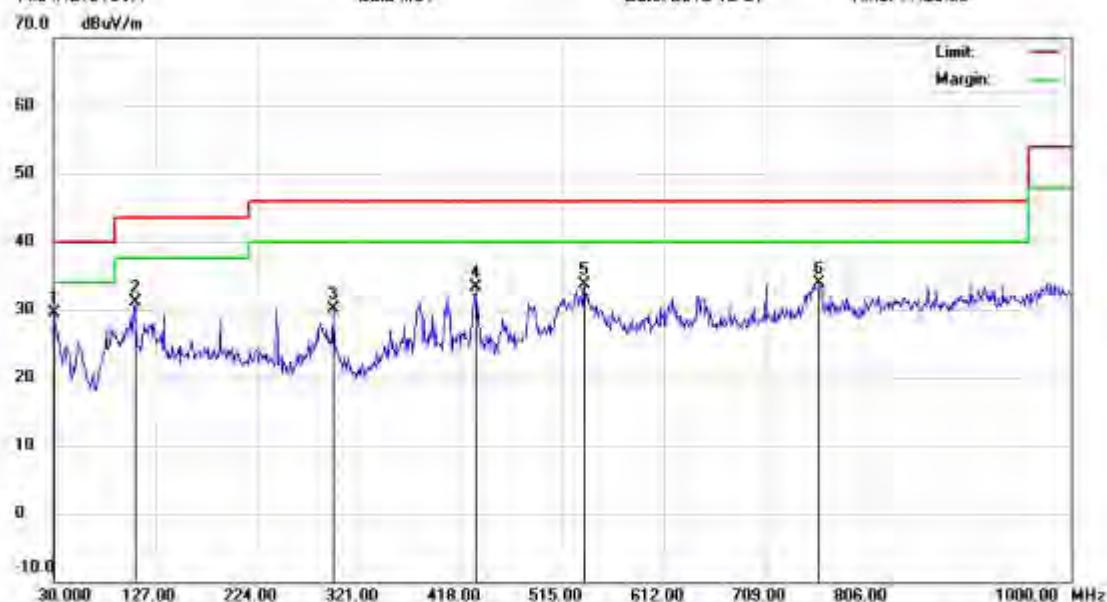
Radiated Emission Measurement

File : HL1916VA

Data : #31

Date: 2012-12-21

Time: 17:25:38



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: VGA: 800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	30.0000	4.70	24.80	29.50	40.00	-10.50	QP			
2		107.5999	15.67	15.41	31.08	43.50	-12.42	QP			
3		296.7500	10.79	19.30	30.09	46.00	-15.91	QP			
4		432.5500	12.92	20.33	33.25	46.00	-12.75	QP			
5		536.3400	11.38	22.23	33.61	46.00	-12.39	QP			
6		760.4098	8.35	25.62	33.97	46.00	-12.03	QP			

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

Engineer Signature:

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Radiated Emission Measurement

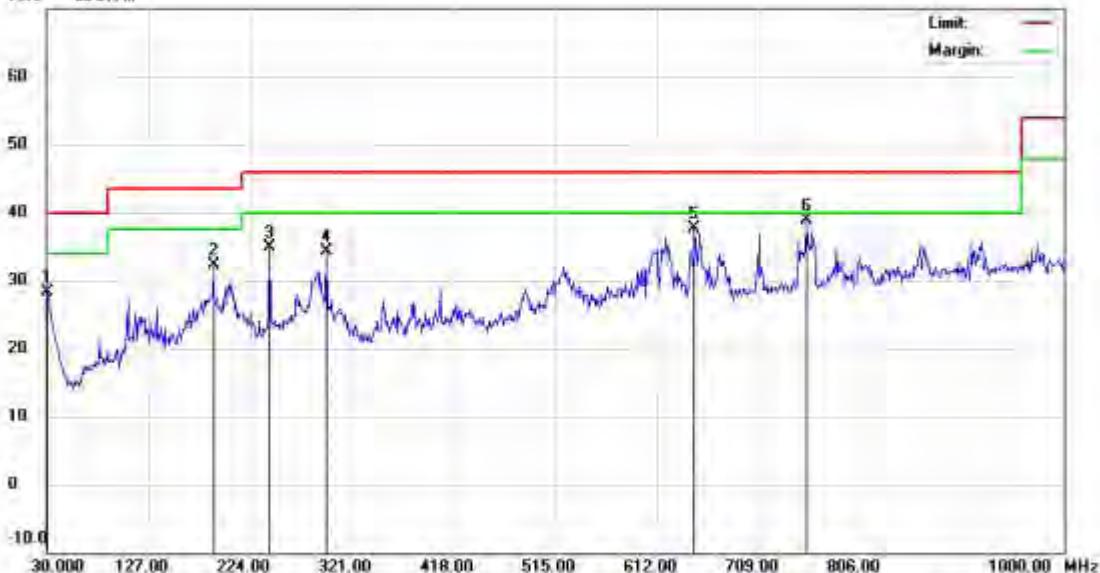
File : HL1916VA

Data : #32

Date: 2012-12-21

Time: 17:32:04

70.0 dBuV/m



Site Chamber #1

Polarization: *Horizontal*

Temperature: 26

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: 19" LCD Monitor

Distance:

M/N: HL1916VA

Mode: Running "H" Pattern

Note: VGA: 800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		30.9699	4.35	24.05	28.40	40.00	-11.60	QP			
2		189.0800	15.64	16.60	32.24	43.50	-11.26	QP			
3		242.4300	17.56	17.30	34.86	46.00	-11.14	QP			
4		296.7500	15.08	19.30	34.38	46.00	-11.62	QP			
5		647.8899	13.72	24.08	37.80	46.00	-8.20	QP			
6	*	754.5900	13.16	25.71	38.87	46.00	-7.13	QP			

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

Engineer Signature:

Allen



Radiated Emission (30MHz-1000MHz)



Conducted Emission

--End of Report--