



FCC PART 15 SUBPART B

Test Report

Applicant: PDI Communication System, Inc.

Address: 40 Greenwood Lane, Springboro Ohio 45066

Product Name: LCD TV

Model Name: PDI-P19LCDC

Brand Name: N/A

FCC ID: WQ5P19LCDE

Date of Issue: Aug.18, 2011

Issued by: Most Technology Service Co., Ltd.

Address: No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China

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1. VERIFICATION OF CONFORMITY

Equipment under test: LCD TV
 Brand Name: N/A
 Model Number: PDI-P19LCDC
 FCC ID: WQ5P19LCDE
 Applicant: PDI Communication Systems, Inc.
 40 Greenwood Lane, Springboro Ohio 45066
 Manufacturer: Wanlida Group Co.,Ltd
 Wanlida Industry Zone, Nanjing,Fujian,China.363601
 Technical Standards: FCC Part 15 Subpart B
 File Number: MOST MTEKEYE11080169
 Date of test: Aug. 13, 2011-Aug.17, 2011
 Deviation: None
 Condition of Test Sample: Normal
 Test Result: PASS

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

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

Test by:  (Candy Zhang)

Reviewed by:  (Key Wang)

Approved by:  (Yvette Zhou)

2. GENERAL INFORMATION

2.1 Product Information

Display *5648C*

Version *7523C_V2.0*

Chip *MSD119 MPEG2 DECODER*

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

2.2. Objective

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

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

2.3 Test standards And Results

Test items and the results are as bellow:

NO.	Section	Description	Result	Date of test
1	15.107	Conducted	Pass	2011-08-13
2	15.109	Radiated emission	Pass	2011-08-16
3	15.111	Antenna power conducted limit for receiver	Pass	2011-08-17

2.4 Measurement Uncertainty

No.	Item	Uncertainty
1.	Uncertainty for Conducted Disturbance Test	2.75dB
2.	Uncertainty for Radiated Disturbance Test	3.15dB
3.	Uncertainty for Antenna power conducted limit for receiver	3.05dB

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 2 nd 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 FCC DOC	DCSM	5P3842X
Mouse	Dell FCC DOC	D PPID	MS111-L
Keyboard	Dell FCC DOC	L100	U01C
USB flash drive	Kingston FCC DOC	DT101 G2	5276930
ATV generator	Philips	PM5418 TNS	609114
DTV generator	Televue	DTA110T	4110576337
VGA cable	Lenovo	Shield	140cm
HDMI Cable	Malata	Shield	140cm

4.2 Test Equipment List

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

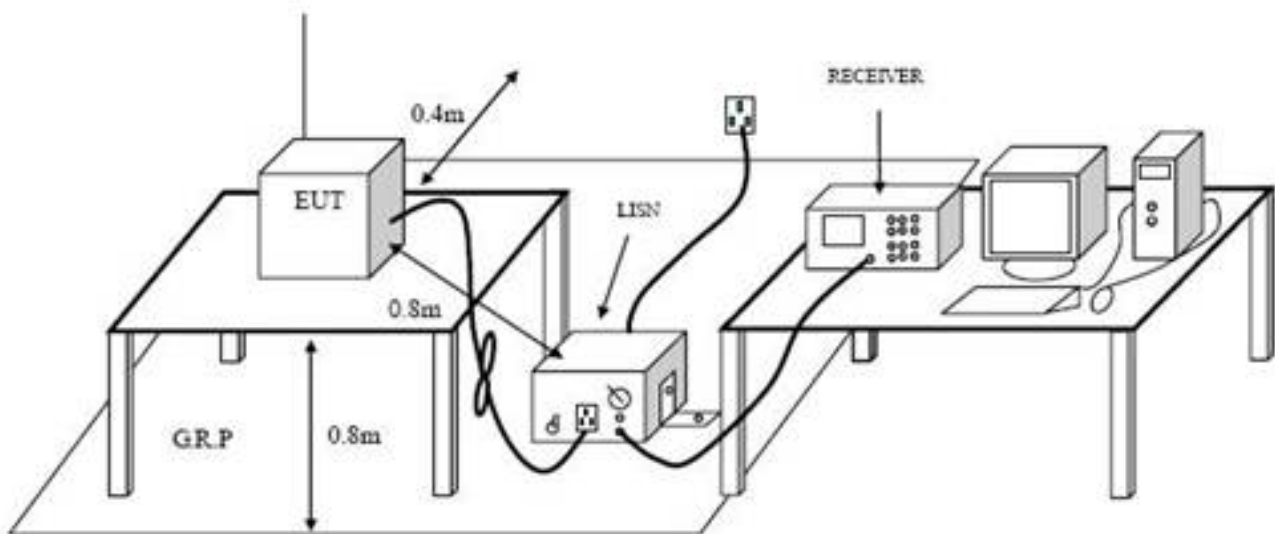
5. TEST REQUIREMENTS

5.1 Limits Of Line Conducted Emission Test

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

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

5.2 Block Diagram Of Test Setup



5.3 Preliminary Procedure Of Line Conducted Emission Test

- 1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height 0.8 meters is used and is placed on the ground plane as per FCC 15 (see Test Facility for the dimensions of the ground plane 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	Page 9- Page 14
	1024*768	L/N	
	1280*1024	L/N	
FM	88.1MHz	L/N	Page 15-Page 20
	98.1MHz	L/N	
	107.9MHz	L/N	
TV	(CH 02)-55.25MHz	L/N	Page 21- Page 32
	(CH 14)-471.25MHz	L/N	
	(CH 69)-801.25MHz	L/N	
DTV	(CH 02-1)-57MHz	L/N	
	(CH 14-1)-473MHz	L/N	
	(CH 69-1)-803MHz	L/N	
USB Recording	/	L/N	Page 33- Page 34
HDMI	/	L/N	Page 35- Page 36
AV IN	/	L/N	Page 37- Page 38

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

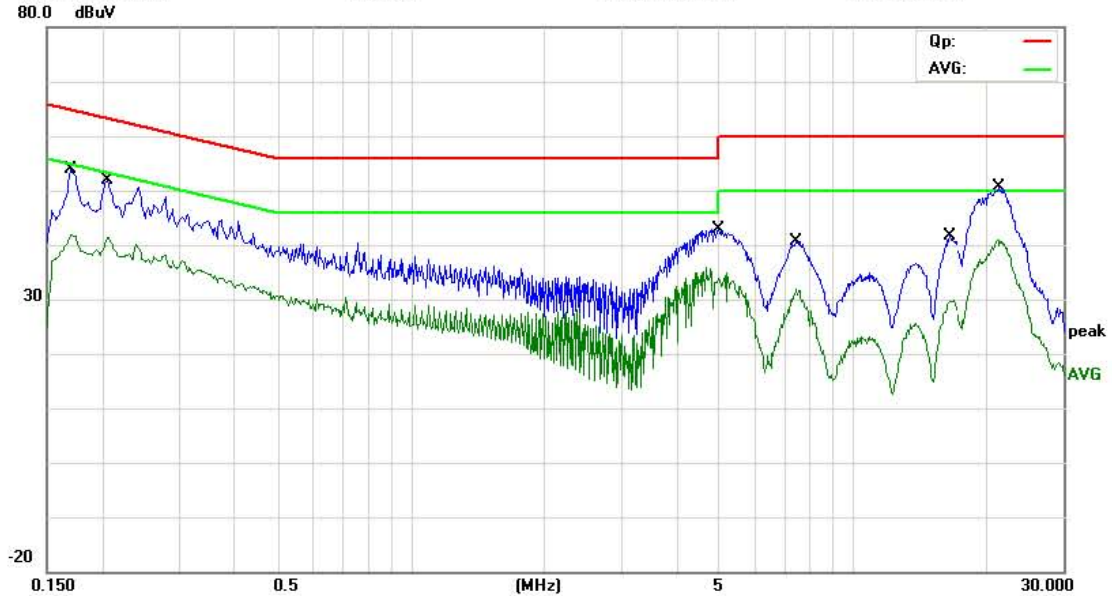
5.4 Test Result Of Line Conducted Emission Test



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Conducted Emission Measurement

File: PDI-P19LCDC Data: #3 Date: 2011/08/13 Time: 10/06/13



Site site #1 Phase: **N** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: Running "H" Pattern
 Note: VGA 800*600 75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1700	43.78	10.20	53.98	64.96	-10.98	QP	
2		0.2060	39.92	11.96	51.88	63.37	-11.49	QP	
3		4.9900	30.98	11.99	42.97	56.00	-13.03	QP	
4		7.4580	30.17	10.53	40.70	60.00	-19.30	QP	
5		16.5460	32.57	9.00	41.57	60.00	-18.43	QP	
6	*	21.4380	41.62	9.00	50.62	60.00	-9.38	QP	

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

Engineer Signature: Lex.Cai



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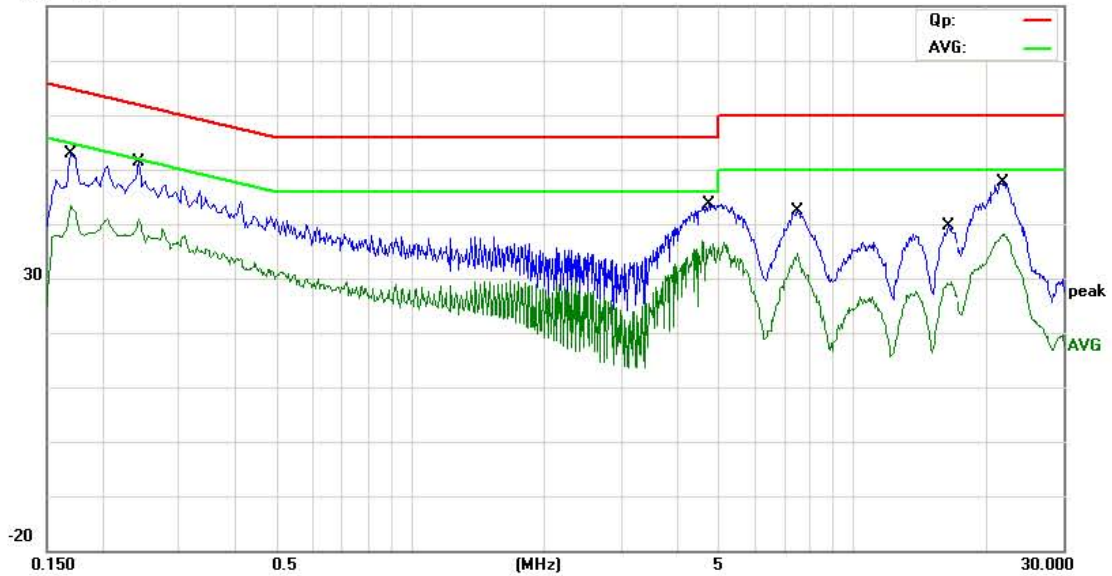
Conducted Emission Measurement

File: PDI-P19LCDC
 80.0 dBuV

Data: #4

Date: 2011/08/13

Time: 10/08/32



Site site #1 Phase: **L1** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: Running "H" Pattern
 Note: VGA 800*600 75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1700	42.77	10.20	52.97	64.96	-11.99	QP	
2	*	0.2420	39.58	11.72	51.30	62.03	-10.73	QP	
3		4.7260	31.92	11.73	43.65	56.00	-12.35	QP	
4		7.4980	31.77	10.50	42.27	60.00	-17.73	QP	
5		16.4460	30.56	9.00	39.56	60.00	-20.44	QP	
6		21.9820	38.58	9.00	47.58	60.00	-12.42	QP	

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

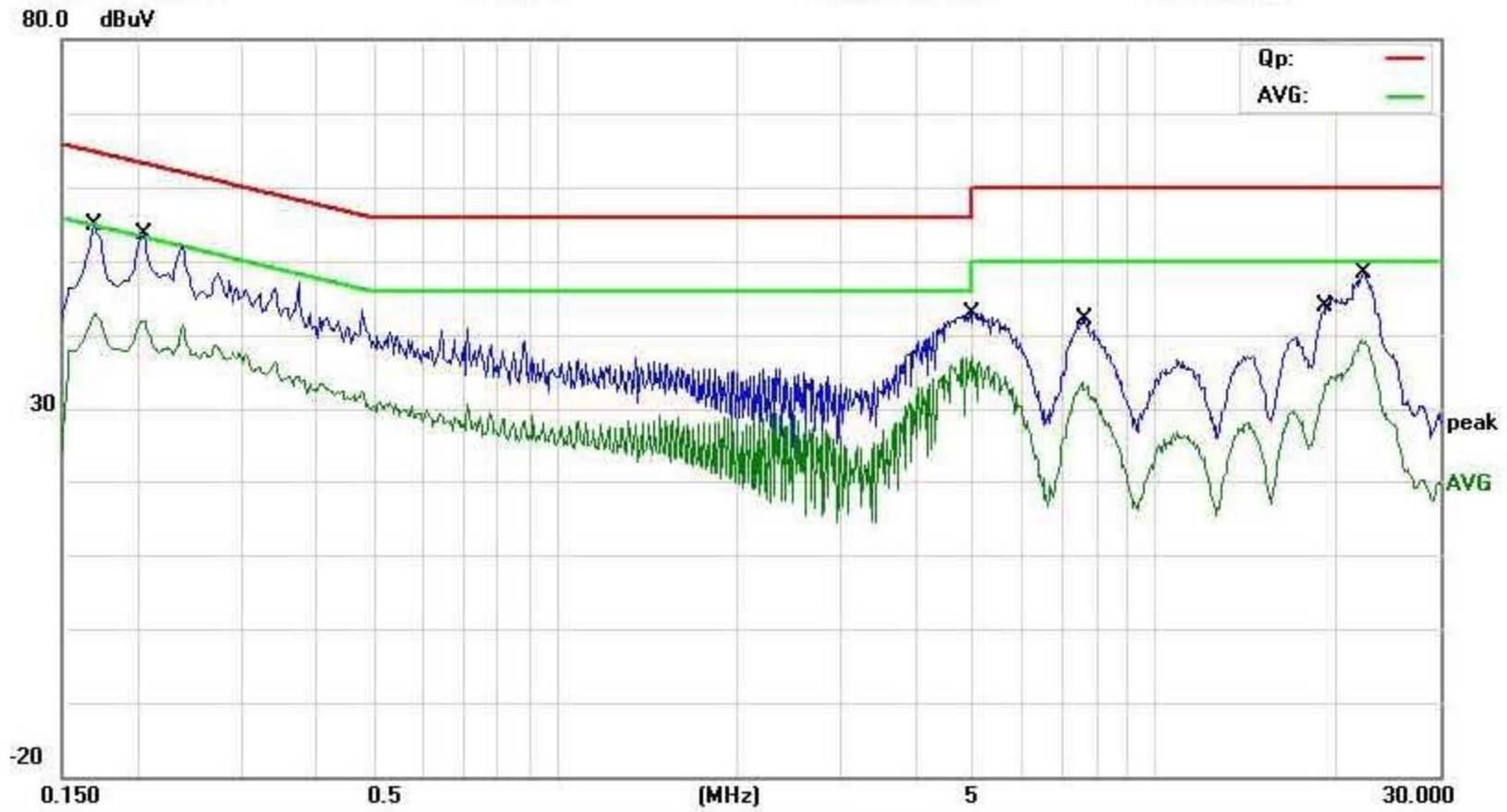
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Conducted Emission Measurement

File :PDI-P19LCDC Data :#1 Date: 2011/08/13 Time: 9/57/27



Site site #1 Phase: **L1** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: Running "H" Pattern
 Note: VGA 1024*768 60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1700	44.68	10.20	54.88	64.96	-10.08	QP	
2	*	0.2060	41.63	11.96	52.59	63.37	-10.78	QP	
3		4.9860	30.93	11.99	42.92	56.00	-13.08	QP	
4		7.6620	31.79	10.40	42.19	60.00	-17.81	QP	
5		19.1620	34.04	9.00	43.04	60.00	-16.96	QP	
6		22.3180	39.49	9.00	48.49	60.00	-11.51	QP	

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

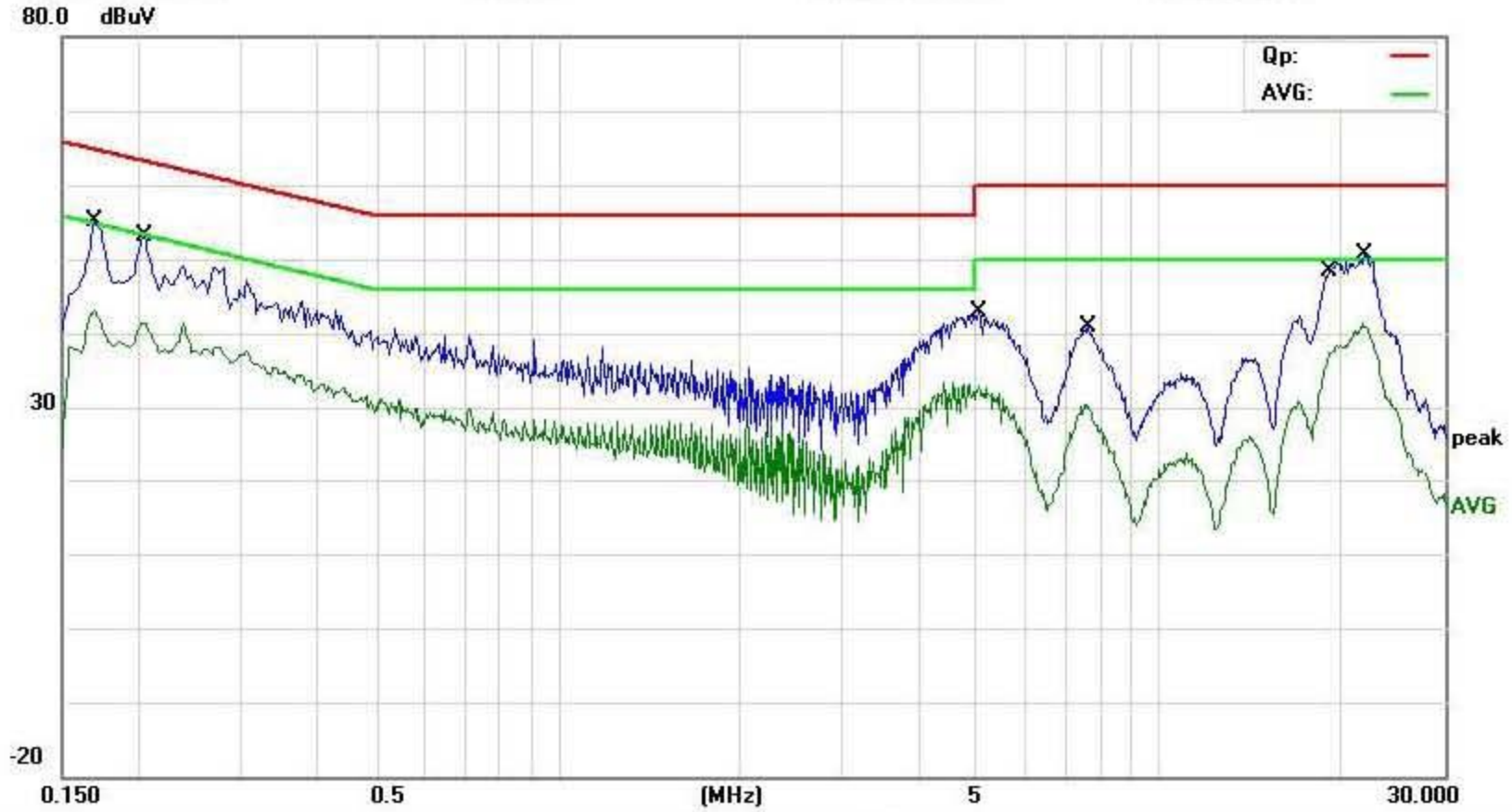
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Conducted Emission Measurement

File :PDI-P19LCDC Data :#2 Date: 2011/08/13 Time: 9/59/44



Site site #1 Phase: **N** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: Running "H" Pattern
 Note: VGA 1024*768 60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1700	45.04	10.20	53.24	64.96	-11.72	QP	
2		0.2060	41.27	11.96	53.23	63.37	-10.14	QP	
3		5.0340	30.83	11.98	42.81	60.00	-17.19	QP	
4		7.6580	30.54	10.41	40.95	60.00	-19.05	QP	
5		19.0580	38.66	9.00	47.66	60.00	-12.34	QP	
6	*	22.1100	41.63	9.00	50.63	60.00	-9.37	QP	

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

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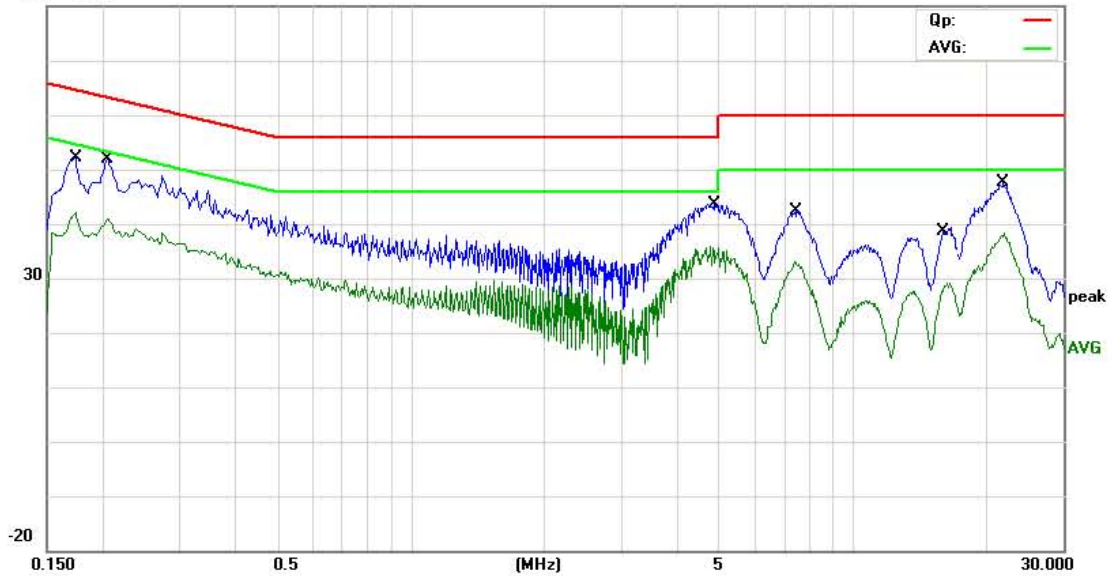
Conducted Emission Measurement

File: PDI-P19LCDC
 80.0 dBuV

Data: #5

Date: 2011/08/13

Time: 10/14/34



Site site #1 Phase: **L1** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: Running "H" Pattern
 Note: VGA 1280*1024 60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	41.72	10.44	52.16	64.77	-12.61	QP	
2	*	0.2072	39.18	11.95	51.13	63.32	-12.19	QP	
3		4.8660	31.80	11.87	43.67	56.00	-12.33	QP	
4		7.4300	31.88	10.54	42.42	60.00	-17.58	QP	
5		15.9580	29.68	9.00	38.68	60.00	-21.32	QP	
6		21.9740	38.50	9.00	47.50	60.00	-12.50	QP	

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

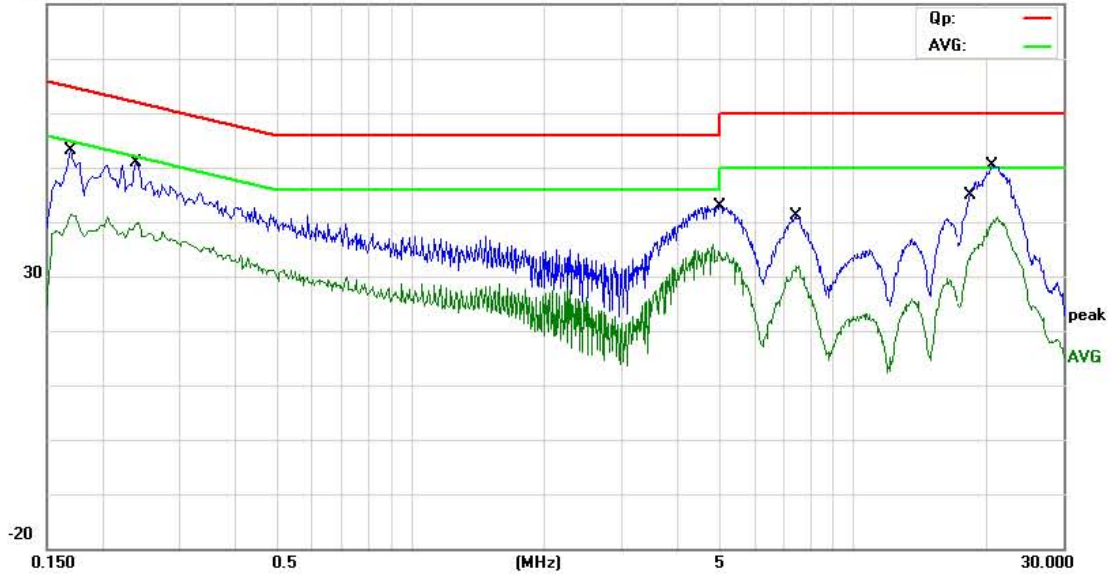
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Conducted Emission Measurement

File: PDI-P19LCDC Data: #6 Date: 2011/08/13 Time: 10/17/27



Site site #1 Phase: **N** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: Running "H" Pattern
 Note: VGA 1280*1024 60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1700	42.90	10.20	53.10	64.96	-11.86	QP	
2		0.2380	39.20	11.75	50.95	62.17	-11.22	QP	
3		5.0060	30.90	12.00	42.90	60.00	-17.10	QP	
4		7.4700	30.60	10.52	41.12	60.00	-18.88	QP	
5		18.2140	33.26	9.00	42.26	60.00	-17.74	QP	
6	*	20.7860	41.29	9.00	50.29	60.00	-9.71	QP	

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

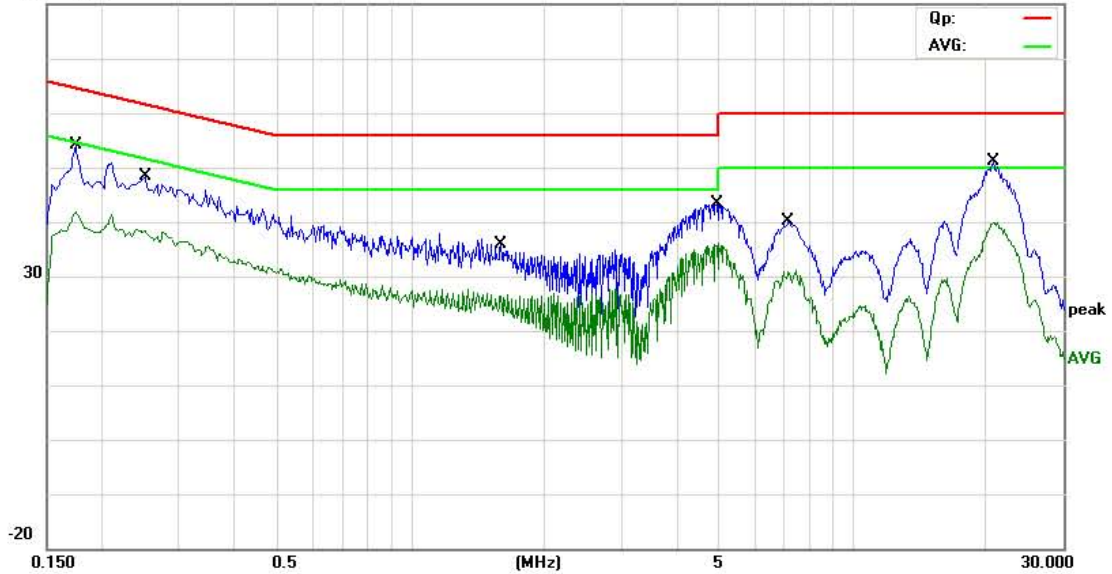
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Conducted Emission Measurement

File: PDI-P19LCDC Data: #17 Date: 2011/08/13 Time: 15:40:03
 80.0 dBuV



Site site #1 Phase: **N** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: FM 88.1
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	43.61	10.44	54.05	64.77	-10.72	QP	
2		0.2500	36.77	11.67	48.44	61.76	-13.32	QP	
3		1.5940	26.51	9.41	35.92	56.00	-20.08	QP	
4		4.9460	31.43	11.95	43.38	56.00	-12.62	QP	
5		7.1620	29.39	10.70	40.09	60.00	-19.91	QP	
6	*	20.8260	42.13	9.00	51.13	60.00	-8.87	QP	

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

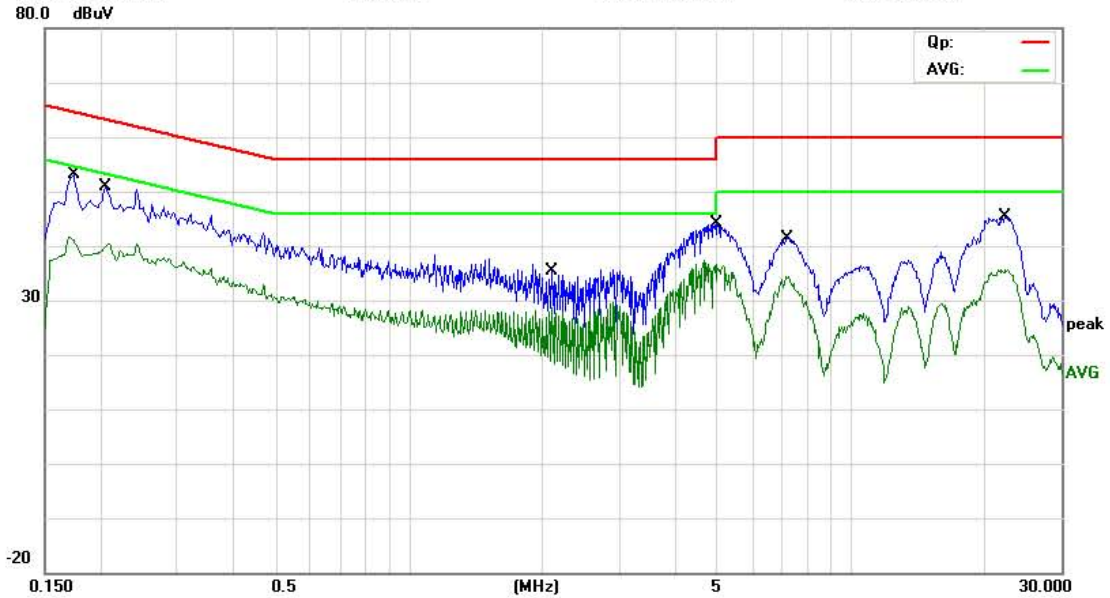
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Conducted Emission Measurement

File: PDI-P19LCDC Data: #18 Date: 2011/08/13 Time: 15:42:21



Site site #1 Phase: **N** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: FM 88.1
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1740	42.69	10.44	53.13	64.77	-11.64	QP	
2		0.2060	38.94	11.96	50.90	63.37	-12.47	QP	
3		2.1100	26.38	9.11	35.49	56.00	-20.51	QP	
4		4.9820	32.11	11.98	44.09	56.00	-11.91	QP	
5		7.1980	30.80	10.68	41.48	60.00	-18.52	QP	
6		22.3820	36.37	9.00	45.37	60.00	-14.63	QP	

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

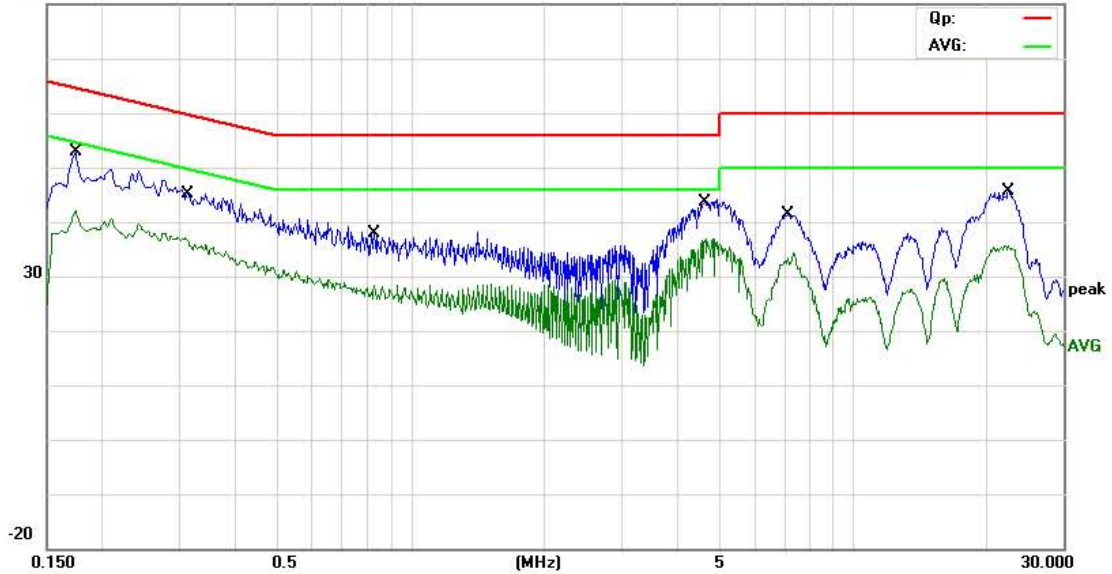
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Conducted Emission Measurement

File: PDI-P19LCDC Data: #15 Date: 2011/08/13 Time: 15:34:39
 80.0 dBuV



Site site #1 Phase: **L1** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: FM 98.1
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1740	42.55	10.44	52.99	64.77	-11.78	QP	
2		0.3140	33.83	11.24	45.07	59.86	-14.79	QP	
3		0.8300	27.95	10.00	37.95	56.00	-18.05	QP	
4		4.6340	31.98	11.63	43.61	56.00	-12.39	QP	
5		7.1260	30.78	10.72	41.50	60.00	-18.50	QP	
6		22.5940	36.61	9.00	45.61	60.00	-14.39	QP	

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

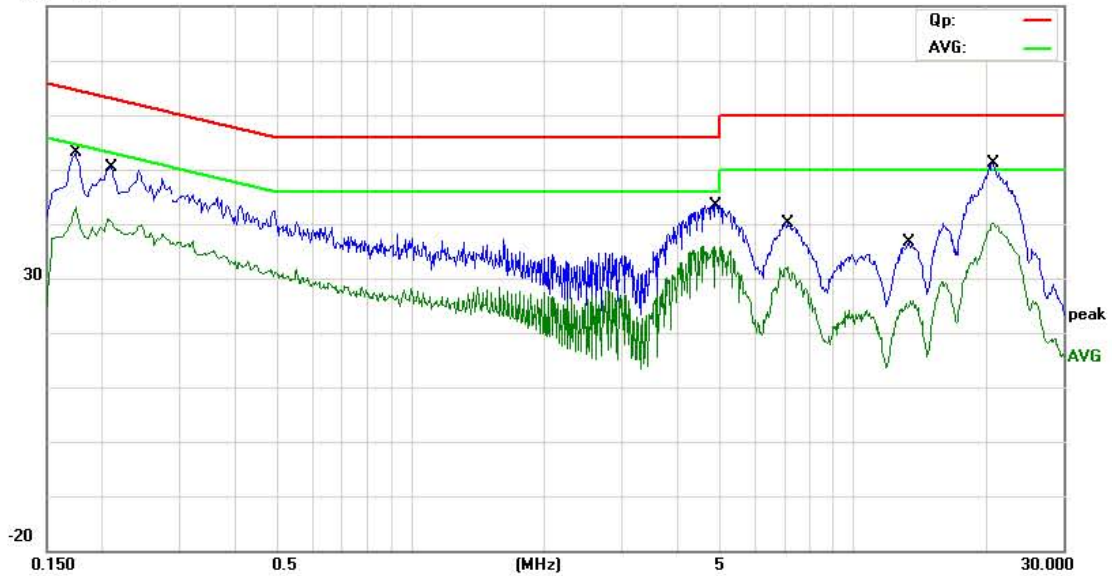
Engineer Signature: Lex.Cai



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Conducted Emission Measurement

File: PDI-P19LCDC Data: #16 Date: 2011/08/13 Time: 15:36:49



Site site #1 Phase: **N** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: FM 98.1
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	42.56	10.44	53.00	64.77	-11.77	QP	
2		0.2100	38.42	11.93	50.35	63.21	-12.86	QP	
3		4.9140	31.56	11.91	43.47	56.00	-12.53	QP	
4		7.1260	29.39	10.72	40.11	60.00	-19.89	QP	
5		13.3940	27.54	9.00	36.54	60.00	-23.46	QP	
6	*	20.7260	42.23	9.00	51.23	60.00	-8.77	QP	

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

Engineer Signature: Lex.Cai



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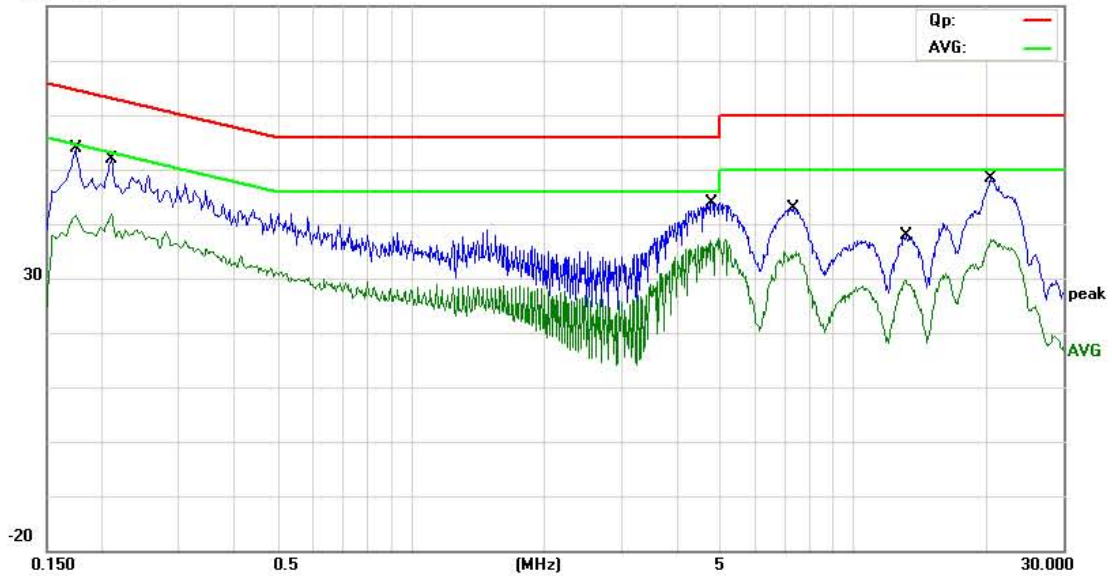
Conducted Emission Measurement

File: PDI-P19LCDC
 80.0 dBuV

Data: #19

Date: 2011/08/13

Time: 15:47:22



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: 1

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P19LCDC

Mode: FM 107.9

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1740	43.48	10.44	53.92	64.77	-10.85	QP	
2		0.2100	39.96	11.93	51.89	63.21	-11.32	QP	
3		4.8100	32.16	11.81	43.97	56.00	-12.03	QP	
4		7.3340	32.23	10.60	42.83	60.00	-17.17	QP	
5		13.2500	28.79	9.00	37.79	60.00	-22.21	QP	
6		20.4860	39.43	9.00	48.43	60.00	-11.57	QP	

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

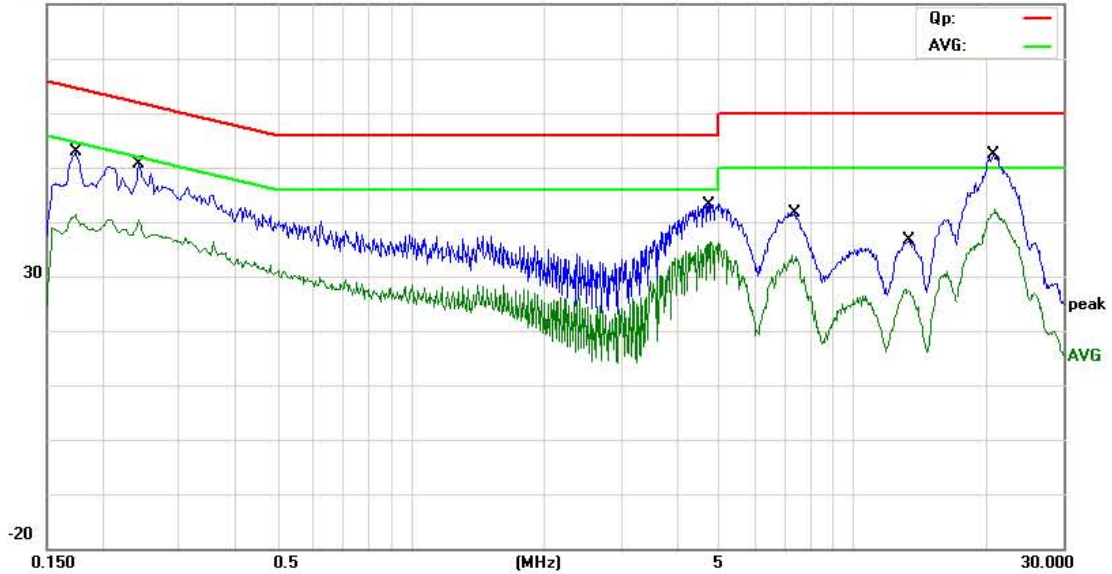
Engineer Signature: Lex.Cai



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Conducted Emission Measurement

File: PDI-P19LCDC Data: #20 Date: 2011/08/13 Time: 15:50:45



Site site #1 Phase: **N** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: FM 107.9
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	42.33	10.44	52.77	64.77	-12.00	QP	
2		0.2420	38.82	11.72	50.54	62.03	-11.49	QP	
3		4.7380	31.32	11.74	43.06	56.00	-12.94	QP	
4		7.4020	30.99	10.56	41.55	60.00	-18.45	QP	
5		13.3540	27.66	9.00	36.66	60.00	-23.34	QP	
6	*	20.8580	43.27	9.00	52.27	60.00	-7.73	QP	

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

Engineer Signature: Lex.Cai



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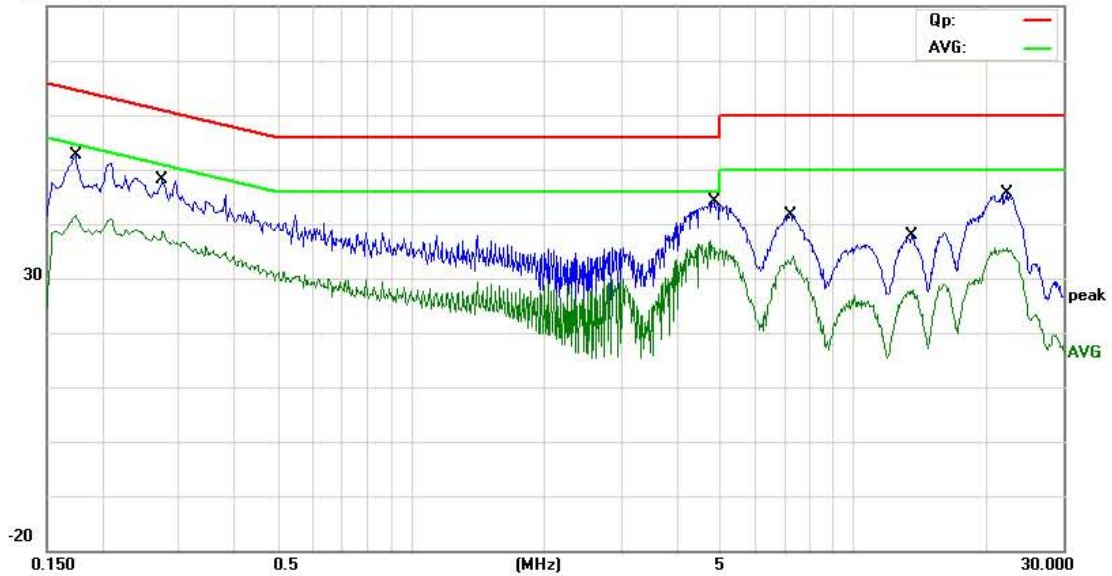
Conducted Emission Measurement

File: PDI-P19LCDC
 80.0 dBuV

Data: #11

Date: 2011/08/13

Time: 15:20:18



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: 1

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P19LCDC

Mode: TV-2

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	42.15	10.44	52.59	64.77	-12.18	QP	
2		0.2740	36.66	11.51	48.17	61.00	-12.83	QP	
3	*	4.8700	32.16	11.87	44.03	56.00	-11.97	QP	
4		7.2460	30.93	10.65	41.58	60.00	-18.42	QP	
5		13.5740	28.78	9.00	37.78	60.00	-22.22	QP	
6		22.4300	36.63	9.00	45.63	60.00	-14.37	QP	

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

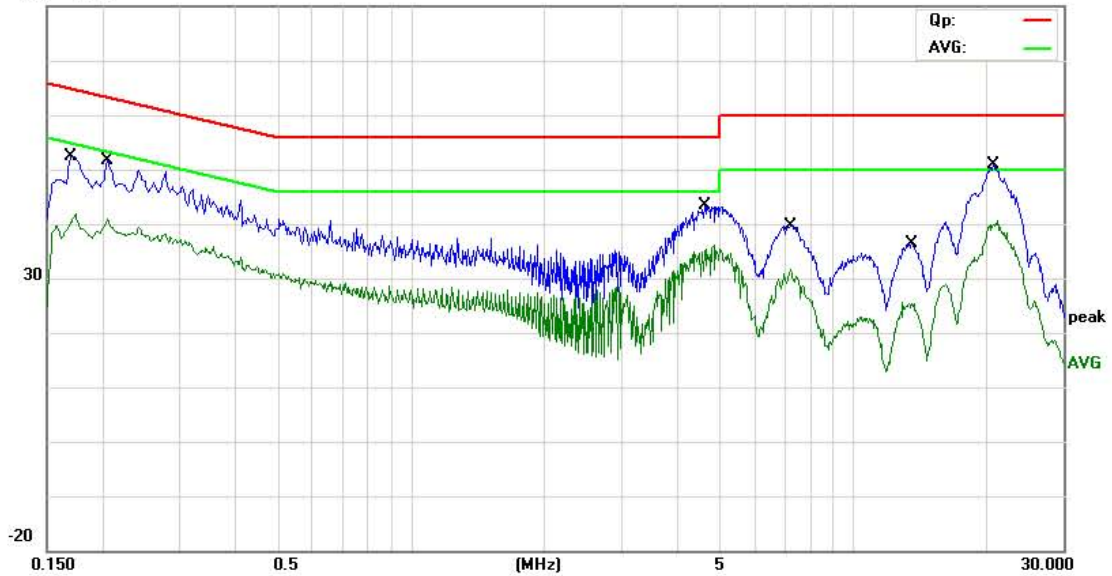
Engineer Signature: Lex.Cai



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Conducted Emission Measurement

File: PDI-P19LCDC Data: #12 Date: 2011/08/13 Time: 15:23:07



Site site #1 Phase: **N** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: TV-2
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1700	42.24	10.20	52.44	64.96	-12.52	QP	
2		0.2060	39.77	11.96	51.73	63.37	-11.64	QP	
3		4.6260	31.67	11.63	43.30	56.00	-12.70	QP	
4		7.2500	29.07	10.65	39.72	60.00	-20.28	QP	
5		13.5700	27.37	9.00	36.37	60.00	-23.63	QP	
6	*	20.8420	41.98	9.00	50.98	60.00	-9.02	QP	

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

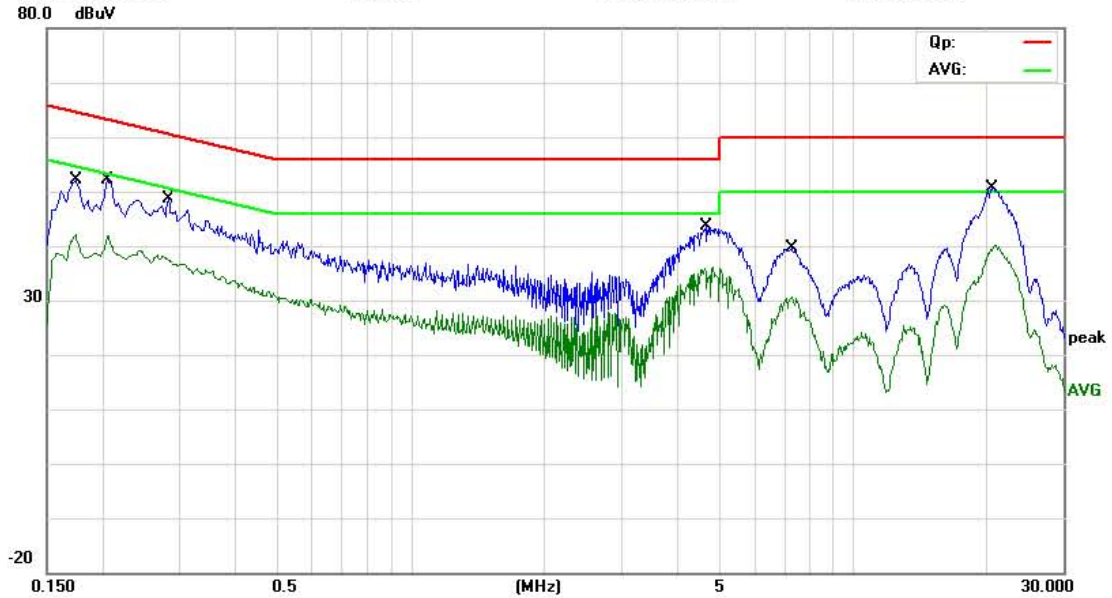
Engineer Signature: Lex.Cai



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Conducted Emission Measurement

File: PDI-P19LCDC Data: #9 Date: 2011/08/13 Time: 15:13:43



Site site #1 Phase: **N** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: TV-14
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	41.81	10.44	52.25	64.77	-12.52	QP	
2		0.2060	40.07	11.96	52.03	63.37	-11.34	QP	
3		0.2820	37.23	11.45	48.68	60.76	-12.08	QP	
4		4.6660	31.90	11.67	43.57	56.00	-12.43	QP	
5		7.2580	28.87	10.65	39.52	60.00	-20.48	QP	
6	*	20.7420	41.57	9.00	50.57	60.00	-9.43	QP	

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

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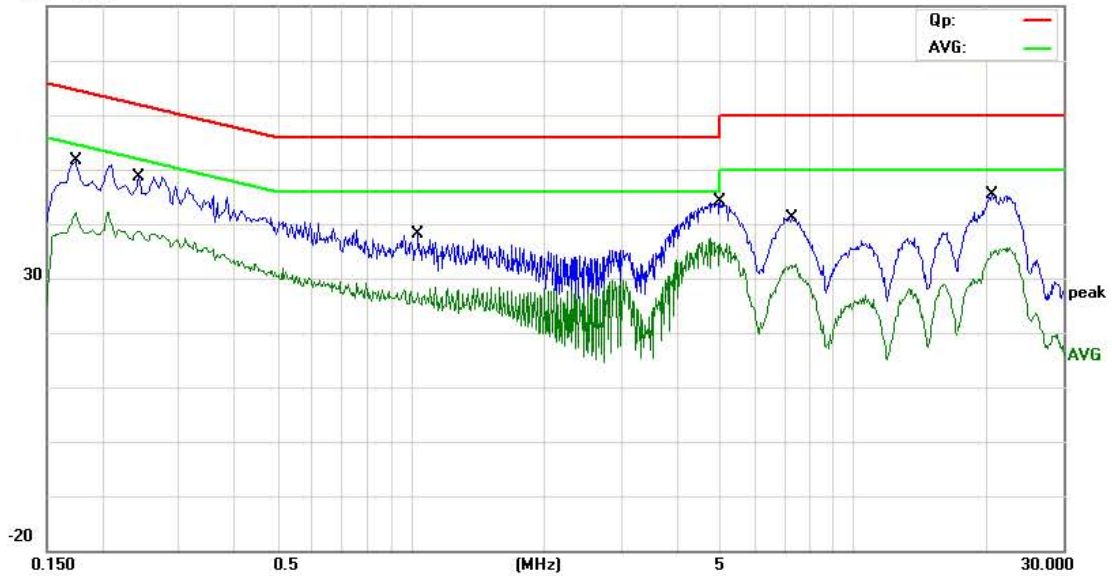
Conducted Emission Measurement

File: PDI-P19LCDC
 80.0 dBuV

Data: #10

Date: 2011/08/13

Time: 15:15:29



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: 1

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P19LCDC

Mode: TV-14

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1740	41.15	10.44	51.59	64.77	-13.18	QP	
2		0.2420	36.87	11.72	48.59	62.03	-13.44	QP	
3		1.0380	28.23	9.96	38.19	56.00	-17.81	QP	
4		5.0100	32.17	11.99	44.16	60.00	-15.84	QP	
5		7.3180	30.59	10.61	41.20	60.00	-18.80	QP	
6		20.7660	36.42	9.00	45.42	60.00	-14.58	QP	

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

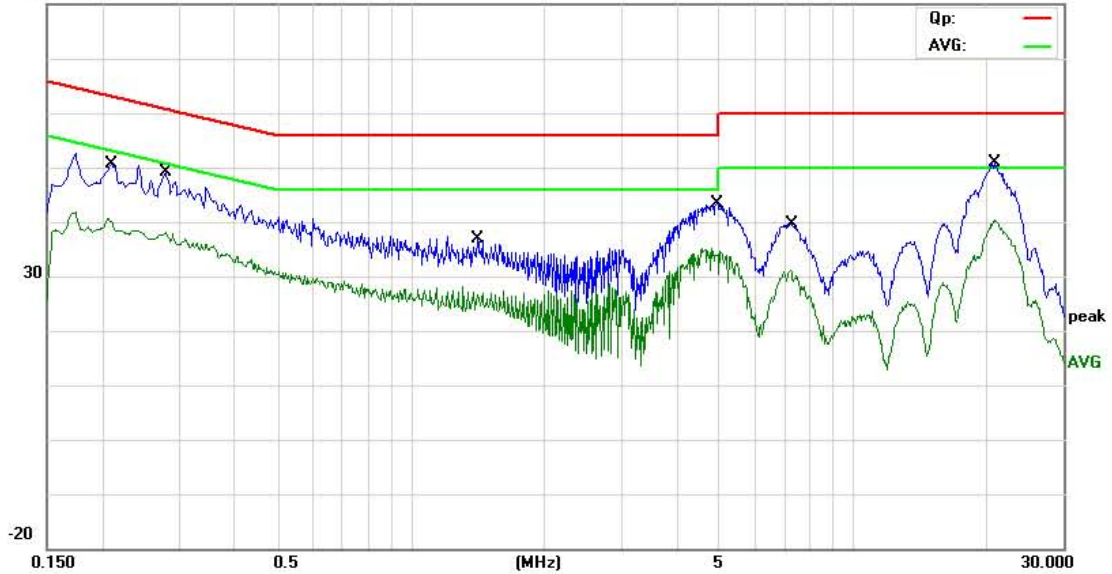
Engineer Signature: Lex.Cai



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Conducted Emission Measurement

File: PDI-P19LCDC Data: #13 Date: 2011/08/13 Time: 15:26:36
 80.0 dBuV



Site site #1 Phase: **N** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: TV-69
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2100	38.77	11.93	50.70	63.21	-12.51	QP	
2		0.2780	37.58	11.48	49.06	60.88	-11.82	QP	
3		1.4140	27.41	9.59	37.00	56.00	-19.00	QP	
4		4.9380	31.44	11.94	43.38	56.00	-12.62	QP	
5		7.2540	28.97	10.65	39.62	60.00	-20.38	QP	
6	*	21.0300	41.94	9.00	50.94	60.00	-9.06	QP	

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

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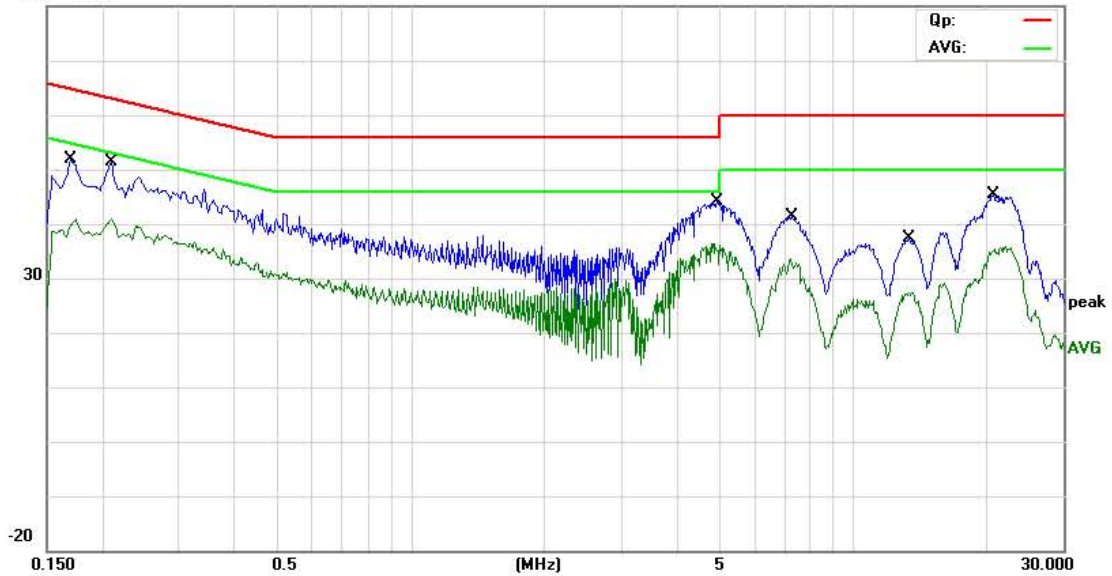
Conducted Emission Measurement

File: PDI-P19LCDC
 80.0 dBuV

Data: #14

Date: 2011/08/13

Time: 15:28:49



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: 1

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P19LCDC

Mode: TV-69

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1700	41.65	10.20	51.85	64.96	-13.11	QP	
2	*	0.2100	39.41	11.93	51.34	63.21	-11.87	QP	
3		4.9420	32.19	11.94	44.13	56.00	-11.87	QP	
4		7.2580	30.69	10.65	41.34	60.00	-18.66	QP	
5		13.3780	28.41	9.00	37.41	60.00	-22.59	QP	
6		20.8580	36.37	9.00	45.37	60.00	-14.63	QP	

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

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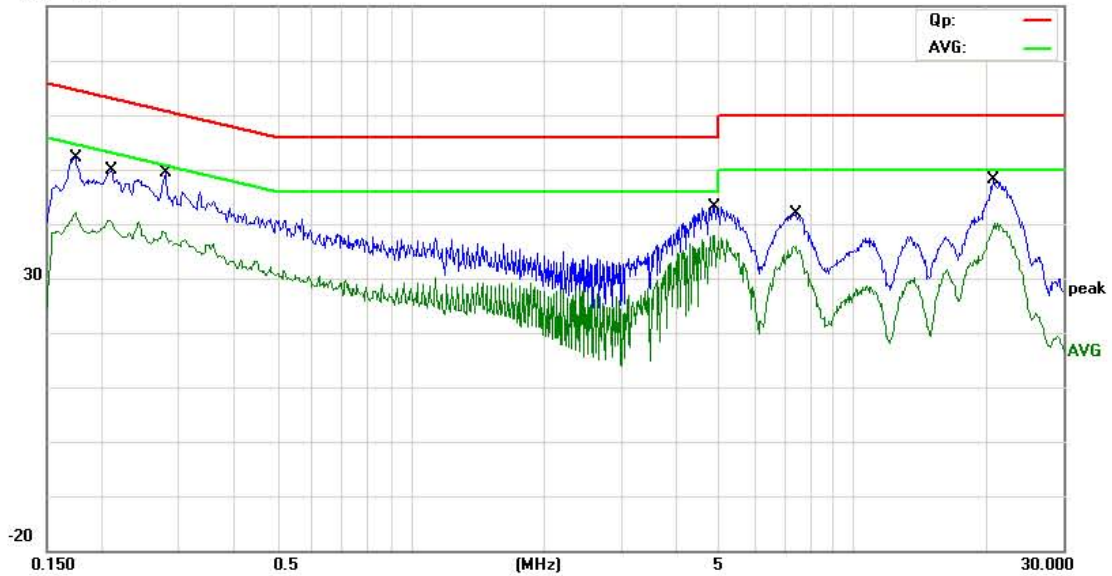
Conducted Emission Measurement

File: PDI-P19LCDC
 80.0 dBuV

Data: #25

Date: 2011/08/15

Time: 17:11:27



Site site #1 Phase: **L1** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: DTV-02
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	41.74	10.44	52.18	64.77	-12.59	QP	
2		0.2100	37.87	11.93	49.80	63.21	-13.41	QP	
3	*	0.2780	37.88	11.48	49.36	60.88	-11.52	QP	
4		4.8980	31.33	11.90	43.23	56.00	-12.77	QP	
5		7.4860	31.35	10.51	41.86	60.00	-18.14	QP	
6		20.9180	39.13	9.00	48.13	60.00	-11.87	QP	

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

Engineer Signature: Lex.Cai



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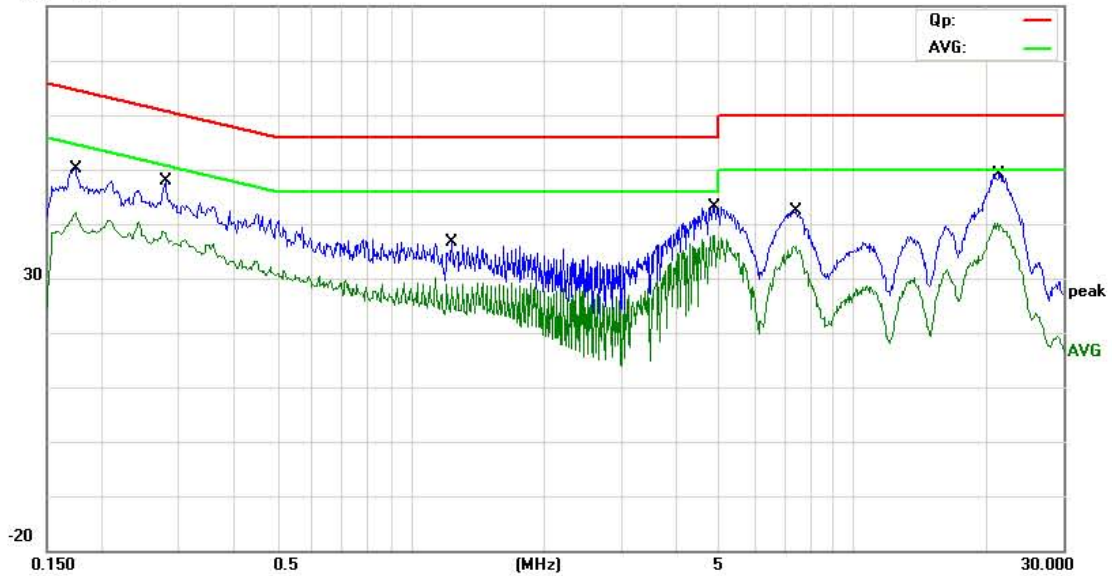
Conducted Emission Measurement

File: PDI-P19LCDC
 80.0 dBuV

Data: #26

Date: 2011/08/15

Time: 17:13:12



Site site #1 Phase: **N** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: DTV-02
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	39.74	10.44	50.18	64.77	-14.59	QP	
2		0.2780	36.38	11.48	47.86	60.88	-13.02	QP	
3		1.2420	26.86	9.76	36.62	56.00	-19.38	QP	
4		4.8980	31.33	11.90	43.23	56.00	-12.77	QP	
5		7.4860	31.85	10.51	42.36	60.00	-17.64	QP	
6	*	21.5260	40.17	9.00	49.17	60.00	-10.83	QP	

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

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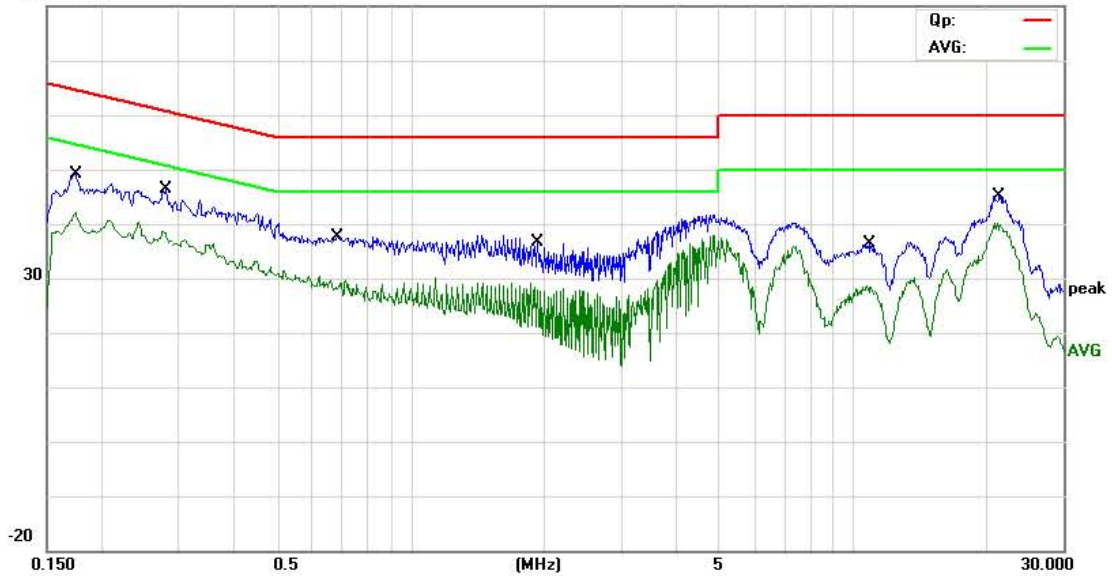
Conducted Emission Measurement

File: PDI-P19LCDC
 80.0 dBuV

Data: #27

Date: 2011/08/15

Time: 17:16:32



Site site #1
 Limit: FCC Part15 B Class B QP
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: DTV-14
 Note:

Phase: N
 Power: 1
 Temperature: 26
 Humidity: 60 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	38.74	10.44	49.18	64.77	-15.59	QP	
2	*	0.2780	34.88	11.48	46.36	60.88	-14.52	QP	
3		0.6860	27.61	10.00	37.61	56.00	-18.39	QP	
4		1.9300	27.59	9.07	36.66	56.00	-19.34	QP	
5		10.8620	27.34	9.00	36.34	60.00	-23.66	QP	
6		21.5260	36.17	9.00	45.17	60.00	-14.83	QP	

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

Engineer Signature: Lex.Cai



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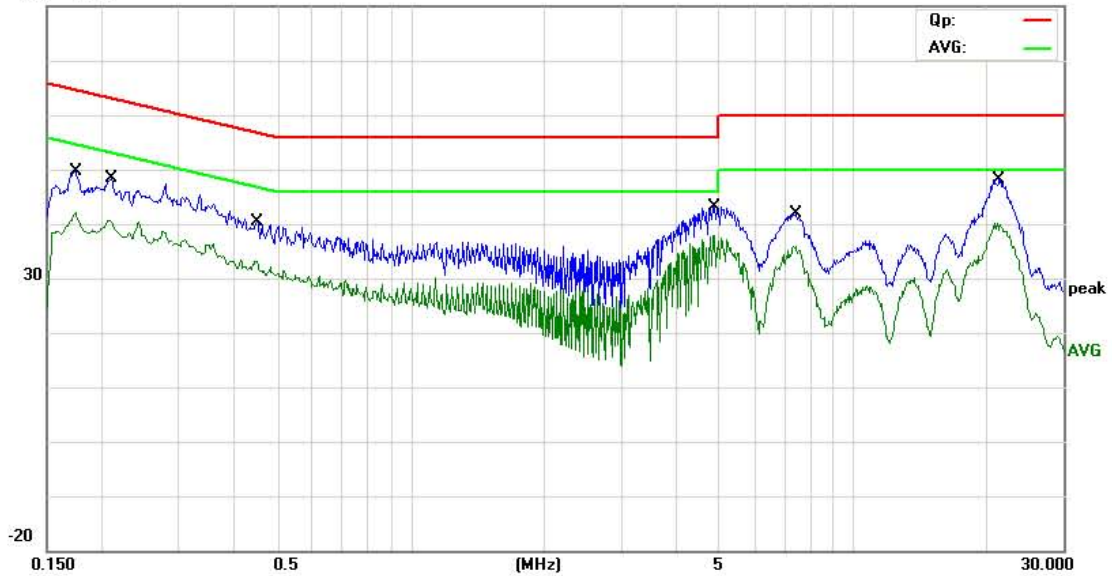
Conducted Emission Measurement

File: PDI-P19LCDC
 80.0 dBuV

Data: #28

Date: 2011/08/15

Time: 17:18:12



Site site #1
 Limit: FCC Part15 B Class B QP
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: DTV-14
 Note:

Phase: **L1**
 Power: 1
 Temperature: 26
 Humidity: 60 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	39.24	10.44	49.68	64.77	-15.09	QP	
2		0.2100	36.37	11.93	48.30	63.21	-14.91	QP	
3		0.4500	30.07	10.33	40.40	56.88	-16.48	QP	
4		4.8980	31.33	11.90	43.23	56.00	-12.77	QP	
5		7.4860	31.35	10.51	41.86	60.00	-18.14	QP	
6	*	21.5260	39.17	9.00	48.17	60.00	-11.83	QP	

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

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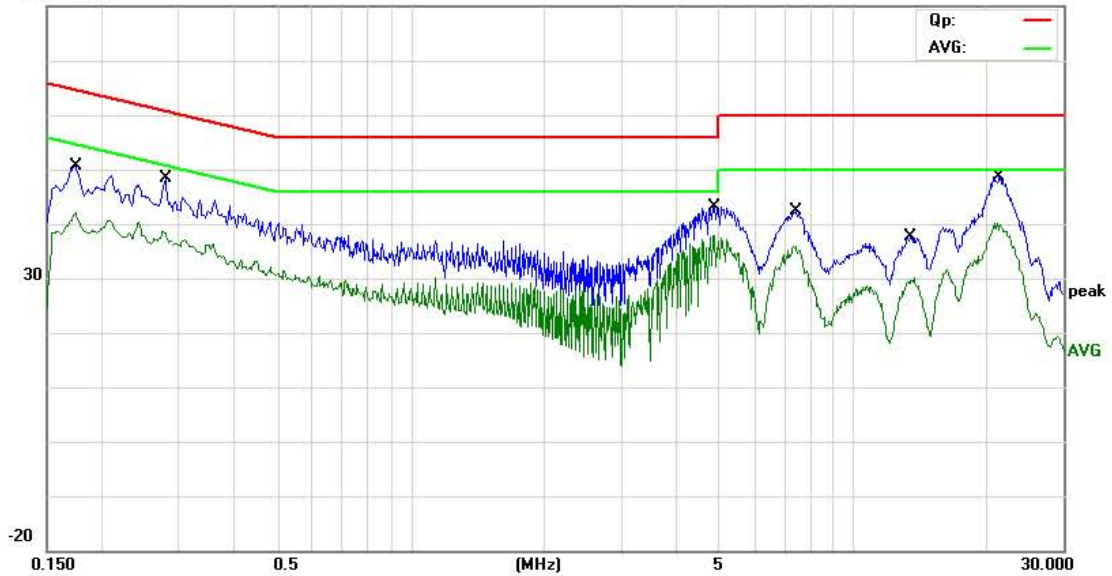
Conducted Emission Measurement

File: PDI-P19LCDC
 80.0 dBuV

Data: #29

Date: 2011/08/15

Time: 17:22:52



Site site #1 Phase: **L1** Temperature: 26
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %
 EUT: LCD TV
 M/N: PDI-P19LCDC
 Mode: DTV-69
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	40.24	10.44	50.68	64.77	-14.09	QP	
2		0.2780	36.88	11.48	48.36	60.88	-12.52	QP	
3		4.8980	31.33	11.90	43.23	56.00	-12.77	QP	
4		7.4860	31.85	10.51	42.36	60.00	-17.64	QP	
5		13.4500	28.57	9.00	37.57	60.00	-22.43	QP	
6	*	21.5260	39.67	9.00	48.67	60.00	-11.33	QP	

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

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