



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-P40LCDE

Brand Name: N/A

FCC ID: WQ5P40LCDE

Date of Issue: Sep.02, 2011

Issued by: Most Technology Service Co., Ltd.

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

Tel: 86-755-86170306

Fax: 86-755-86170310

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1. VERIFICATION OF CONFORMITY

Equipment under test: LCD TV
Brand Name: N/A
Model Number: PDI-P40LCDE
FCC ID: WQ5P40LCDE
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 MTEKEYE11060787
Date of test: Aug. 15, 2011-Sep.01, 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 *A60MB 4C2LV0.2*

Version *6961C_V2.3*

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	2011-08-16
2	15.109	Radiated emission	Pass	2011-08-17
3	15.111	Antenna power conducted limit for receiver	Pass	2011-08-18

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	1 Year
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 source	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

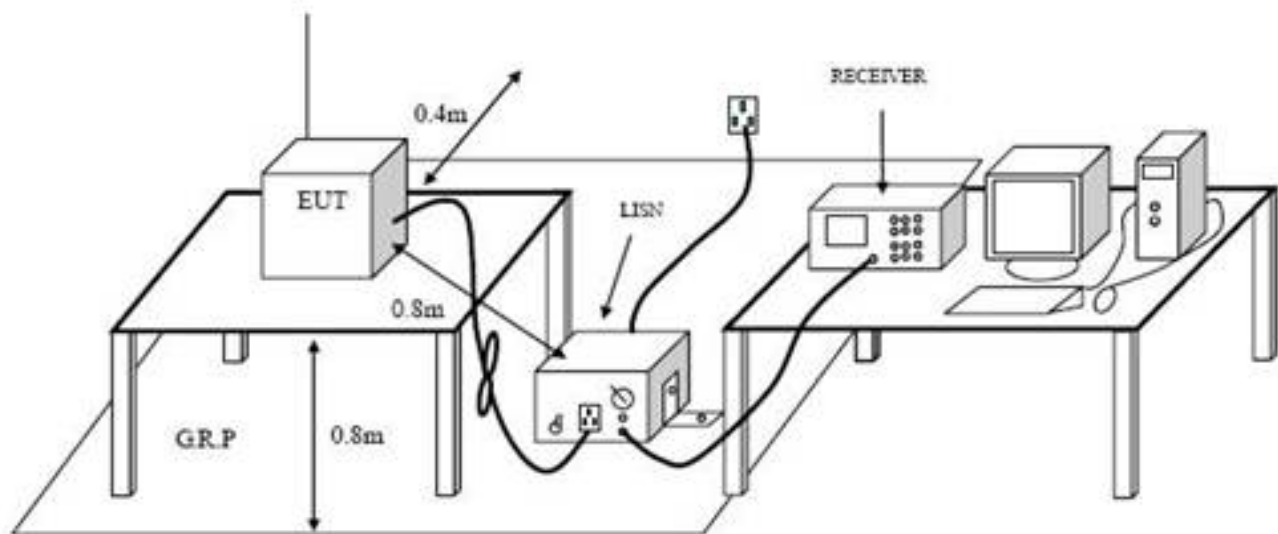
5. TEST REQUIREMENTS

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
	1280*960	L/N	
	1920*1080	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 Display	/	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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Guangdong, China
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Conducted Emission Measurement

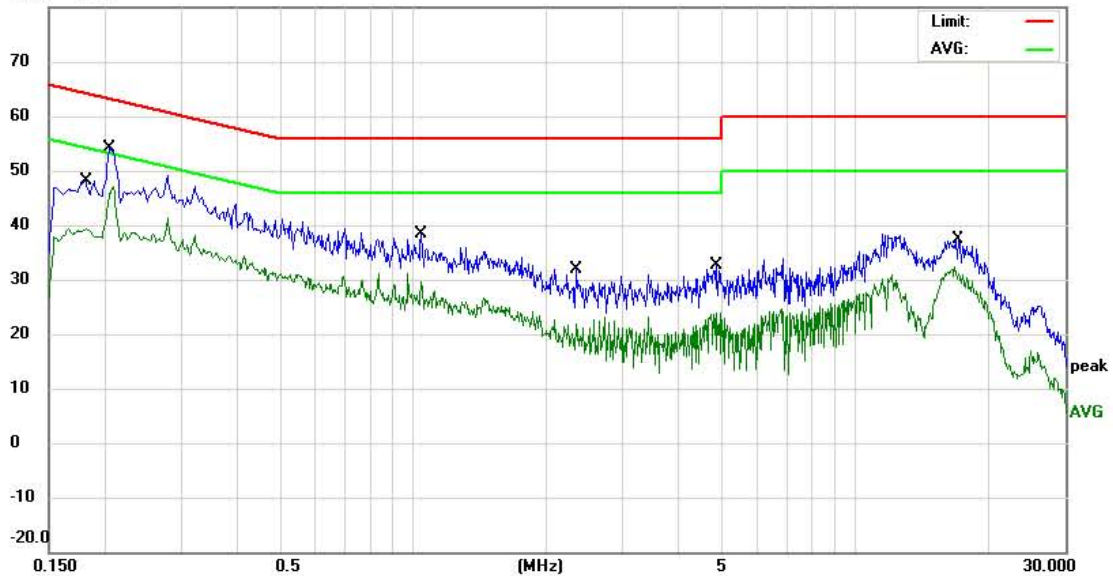
File: PDI-P40LCDE

Data: #13

Date: 2011-08-17

Time: 10:43:50

80.0 dBuV



Site: site MOST 3M

Phase: **L1**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: Running "H" pattern

Note: 800*600 75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1819	37.27	10.92	48.19	64.39	-16.20	QP	
2	*	0.2060	42.20	11.46	53.66	63.36	-9.70	QP	
3		1.0460	28.35	9.95	38.30	56.00	-17.70	QP	
4		2.3500	22.44	9.35	31.79	56.00	-24.21	QP	
5		4.8859	20.70	11.89	32.59	56.00	-23.41	QP	
6		17.1980	28.45	9.00	37.45	60.00	-22.55	QP	

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

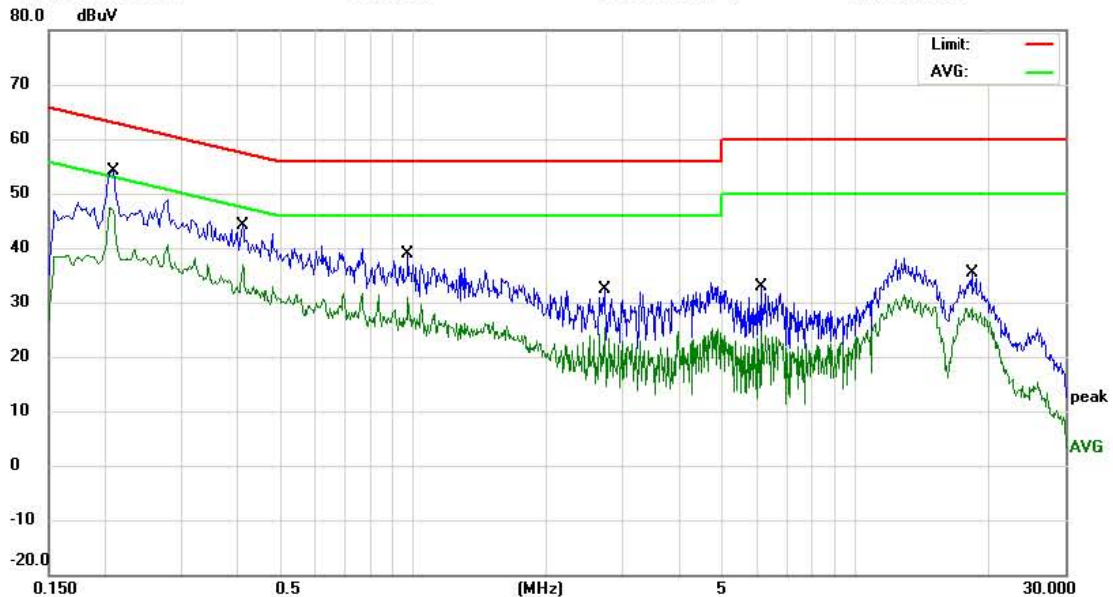
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Conducted Emission Measurement

File: PDI-P40LCDE Data: #14 Date: 2011-08-17 Time: 10:45:48



Site: site MOST 3M

Phase: N

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: Running "H" pattern

Note: 800*600 75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2100	42.26	11.43	53.69	63.20	-9.51	QP	
2		0.4140	33.59	10.57	44.16	57.57	-13.41	QP	
3		0.9780	28.76	10.00	38.76	56.00	-17.24	QP	
4		2.7220	22.63	9.72	32.35	56.00	-23.65	QP	
5		6.1460	21.66	11.31	32.97	60.00	-27.03	QP	
6		18.4380	26.49	9.00	35.49	60.00	-24.51	QP	

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

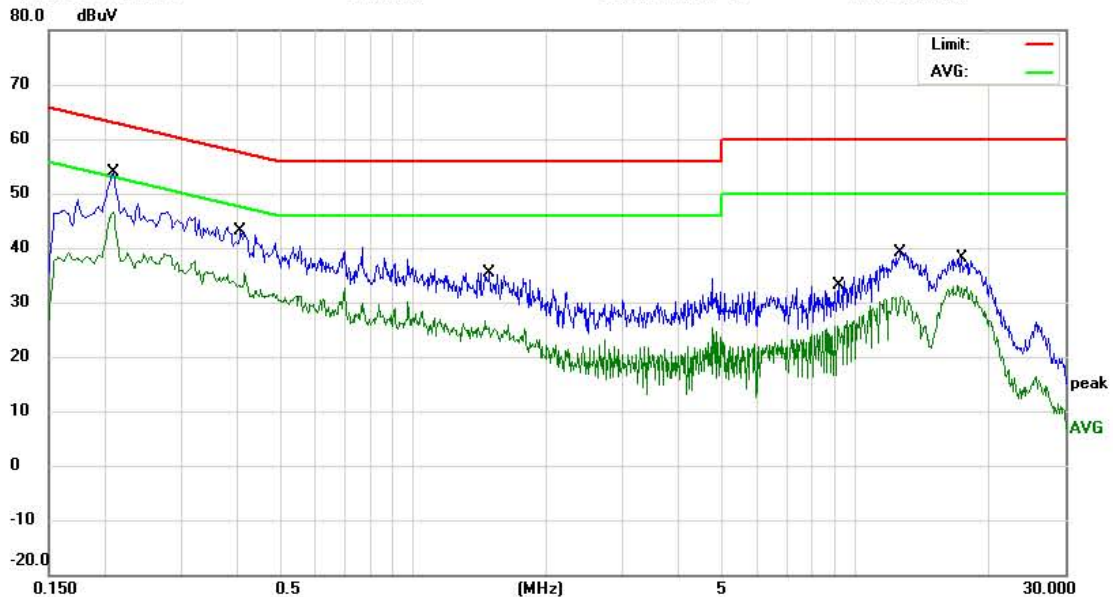
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Conducted Emission Measurement

File: PDI-P40LCDE Data: #17 Date: 2011-08-18 Time: 10:50:57



Site: site MOST 3M

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: Running "H" pattern

Note: 1280*960 60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2100	41.99	11.43	53.42	63.20	-9.78	QP	
2		0.4100	32.59	10.60	43.19	57.65	-14.46	QP	
3		1.4900	25.88	9.51	35.39	56.00	-20.61	QP	
4		9.1820	23.73	9.49	33.22	60.00	-26.78	QP	
5		12.7020	30.06	9.00	39.06	60.00	-20.94	QP	
6		17.5340	29.13	9.00	38.13	60.00	-21.87	QP	

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

Engineer Signature: Lex.Cai



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Conducted Emission Measurement

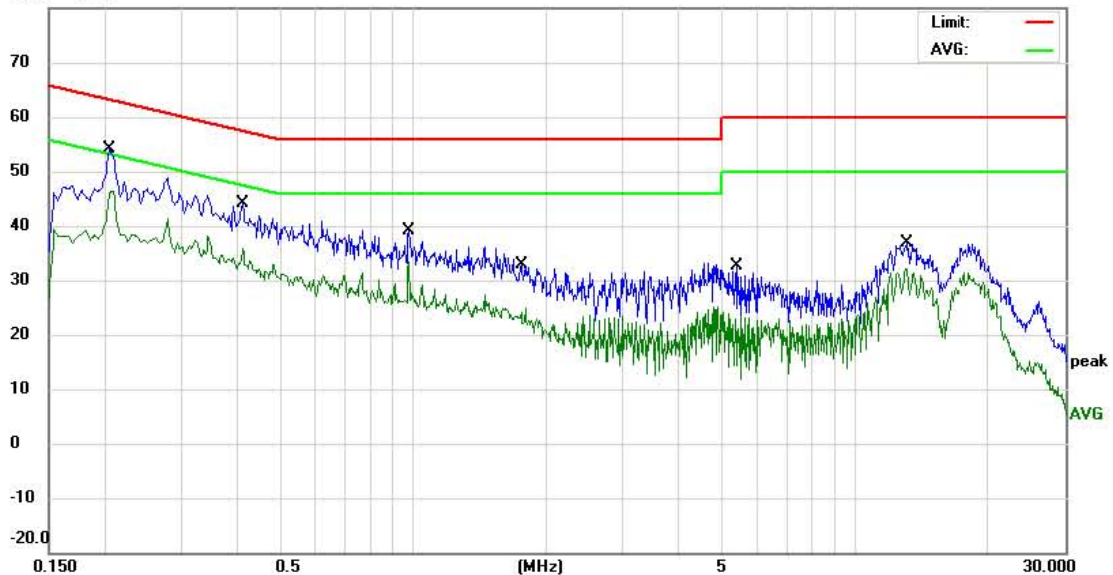
File: PDI-P40LCDE

Data: #18

Date: 2011-08-18

Time: 10:51:58

80.0 dBuV



Site: site MOST 3M

Phase: N

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: Running "H" pattern

Note: 1280*960 60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	42.12	11.46	53.58	63.36	-9.78	QP	
2		0.4140	33.58	10.57	44.15	57.57	-13.42	QP	
3		0.9820	29.20	10.00	39.20	56.00	-16.80	QP	
4		1.7580	23.64	9.24	32.88	56.00	-23.12	QP	
5		5.4460	20.83	11.73	32.56	60.00	-27.44	QP	
6		13.1140	27.83	9.00	36.83	60.00	-23.17	QP	

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

Engineer Signature: Lex.Cai



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Conducted Emission Measurement

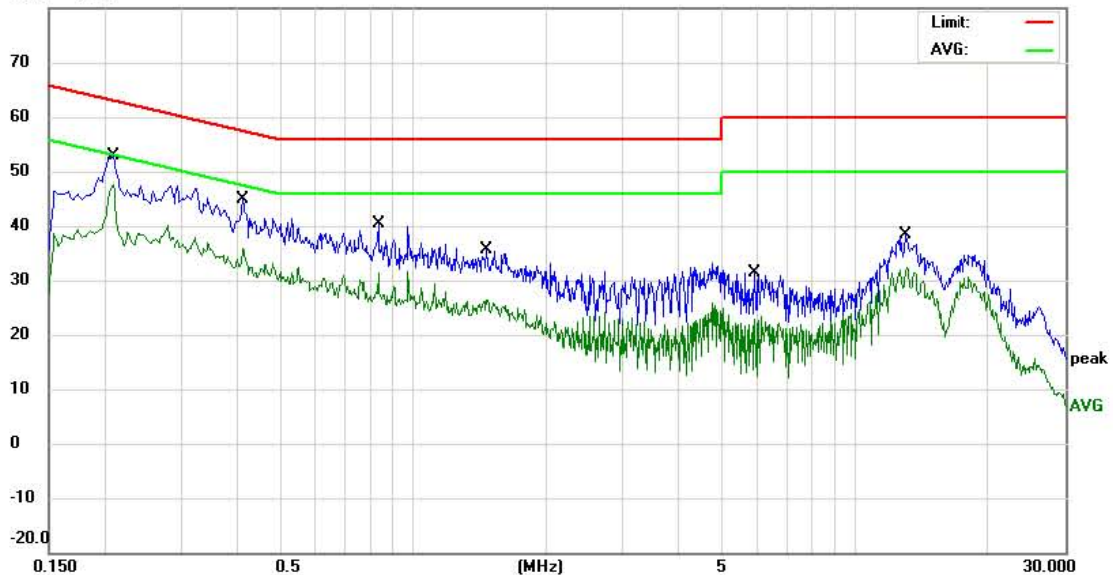
File: PDI-P40LCDE

Data: #15

Date: 2011-08-17

Time: 10:48:15

80.0 dBuV



Site: site MOST 3M

Phase: N

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: Running "H" pattern

Note: 1920*1080 60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2100	40.83	11.93	52.76	63.20	-10.44	QP	
2		0.4140	34.18	10.57	44.75	57.57	-12.82	QP	
3		0.8380	30.32	10.00	40.32	56.00	-15.68	QP	
4		1.4660	25.97	9.53	35.50	56.00	-20.50	QP	
5		5.9380	19.93	11.44	31.37	60.00	-28.63	QP	
6		13.0500	29.37	9.00	38.37	60.00	-21.63	QP	

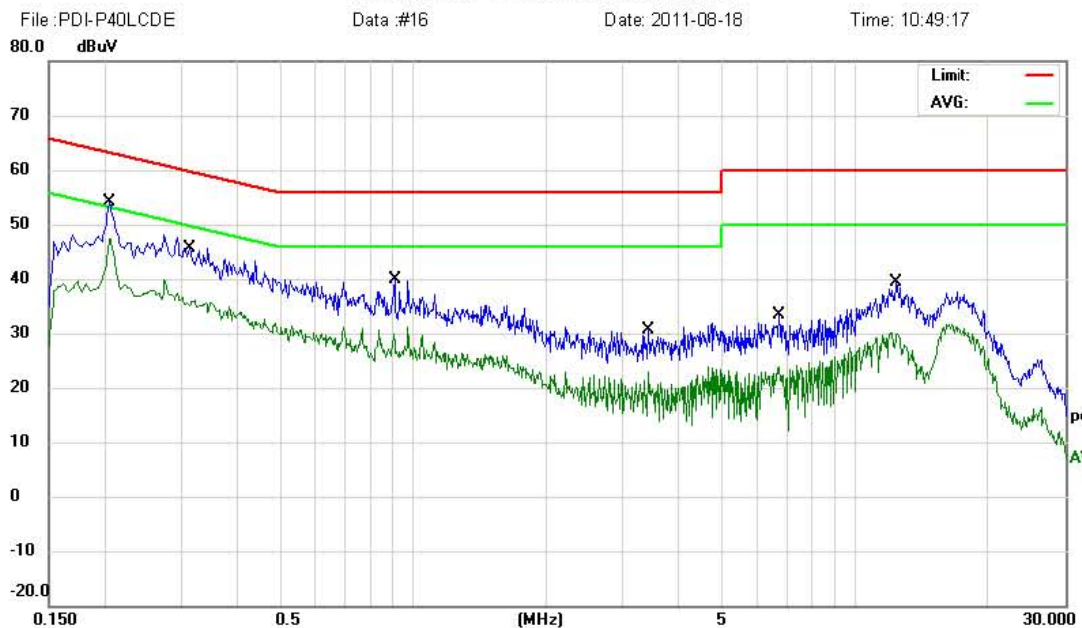
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Conducted Emission Measurement



Site: site MOST 3M

Phase: **L1**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: Running "H" pattern

Note: 1920*1080 60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	42.19	11.46	53.65	63.36	-9.71	QP	
2		0.3140	34.41	11.24	45.65	59.86	-14.21	QP	
3		0.9100	29.98	10.00	39.98	56.00	-16.02	QP	
4		3.4220	20.18	10.42	30.60	56.00	-25.40	QP	
5		6.7660	22.56	10.94	33.50	60.00	-26.50	QP	
6		12.4260	30.25	9.00	39.25	60.00	-20.75	QP	

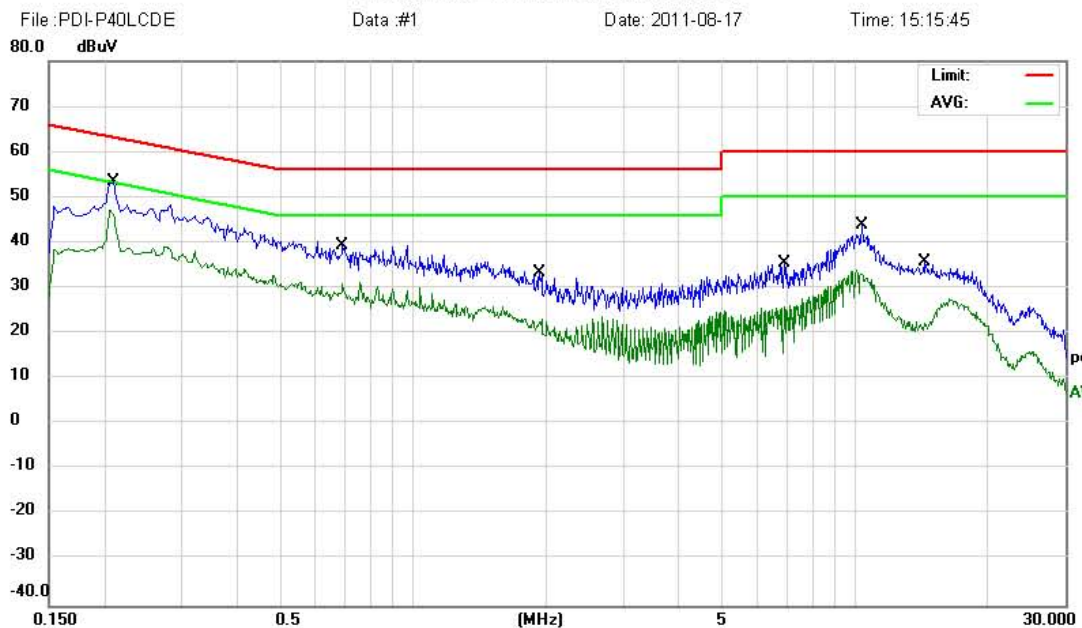
*:Maximum data x:Over limit l:over margin

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Conducted Emission Measurement



Site: site MOST 3M

Phase: **L1**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: FM 88.1MHz

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2100	41.50	11.93	53.43	63.20	-9.77	QP	
2		0.6940	29.32	10.00	39.32	56.00	-16.68	QP	
3		1.9380	24.25	9.06	33.31	56.00	-22.69	QP	
4		6.9220	24.73	10.85	35.58	60.00	-24.42	QP	
5		10.3820	34.96	9.00	43.96	60.00	-16.04	QP	
6		14.3260	26.76	9.00	35.76	60.00	-24.24	QP	

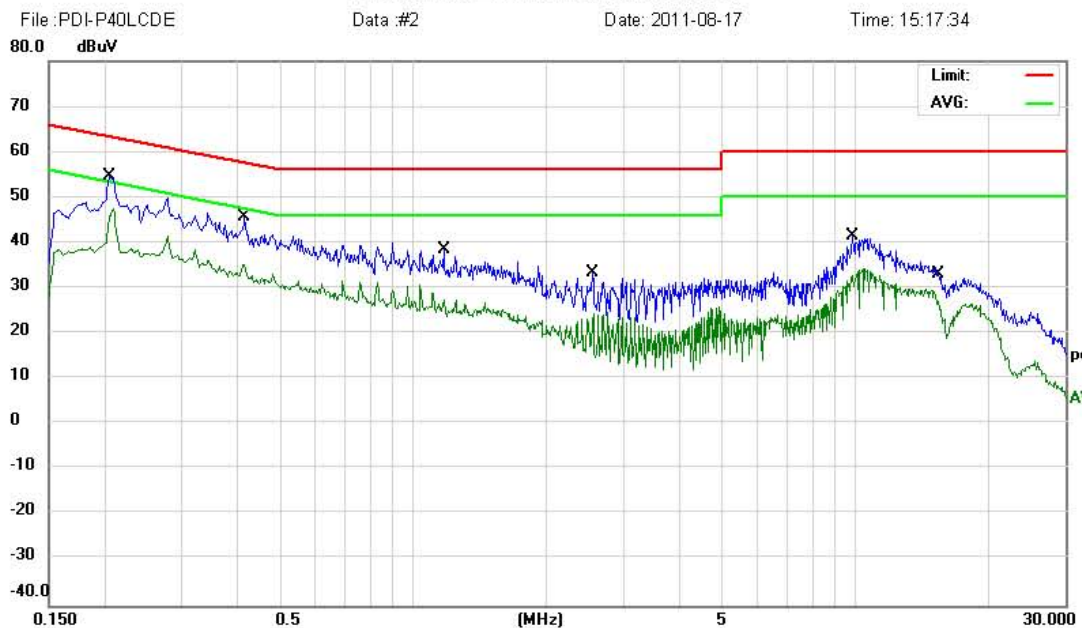
*:Maximum data x:Over limit l:over margin

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Conducted Emission Measurement



Site: site MOST 3M

Phase: N

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: FM 88.1MHz

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	41.67	11.96	53.63	63.36	-9.73	QP	
2		1.1780	28.56	9.82	38.38	56.00	-17.62	QP	
3		2.5660	23.69	9.57	33.26	56.00	-22.74	QP	
4		9.8940	32.30	9.06	41.36	60.00	-18.64	QP	
5		15.4300	24.02	9.00	33.02	60.00	-26.98	QP	
6		0.4180	35.10	10.55	45.65	57.49	-11.84	QP	

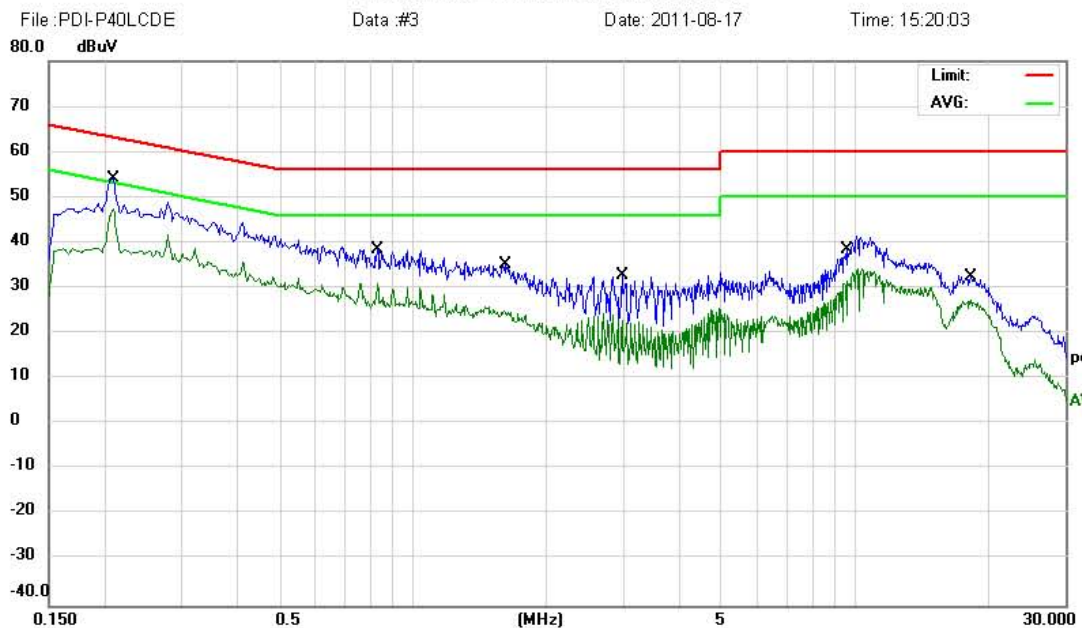
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement



Site: site MOST 3M

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: FM 98.1MHz

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2100	42.10	11.43	55.53	63.20	-9.67	QP	
2		0.8340	28.52	10.00	38.52	56.00	-17.48	QP	
3		1.6140	25.74	9.39	35.13	56.00	-20.87	QP	
4		9.4780	27.40	9.31	36.71	60.00	-23.29	QP	
5		2.9860	22.84	9.99	32.83	56.00	-23.17	QP	
6		18.3340	23.51	9.00	32.51	60.00	-27.49	QP	

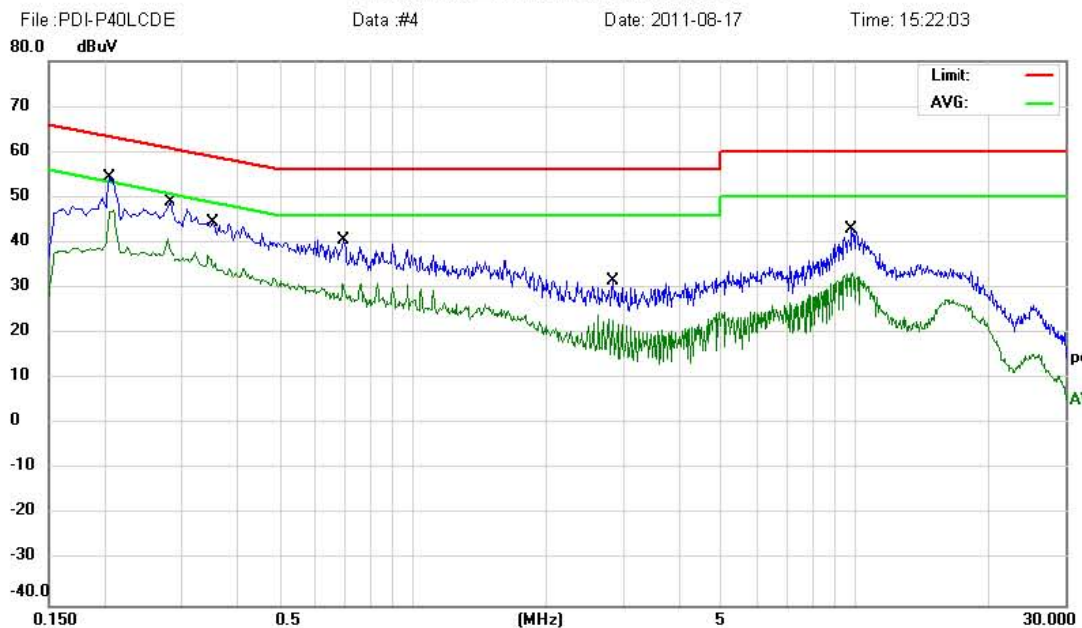
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement



Site: site MOST 3M

Phase: **L1**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: FM 98.1MHz

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	42.30	11.46	52.76	63.36	-9.60	QP	
2		0.2819	37.41	11.45	48.86	60.76	-11.90	QP	
3		0.3540	33.36	10.97	44.33	58.87	-14.54	QP	
4		0.6980	30.47	10.00	40.47	56.00	-15.53	QP	
5		2.8500	21.82	9.85	31.67	56.00	-24.33	QP	
6		9.8220	33.85	9.11	42.96	60.00	-17.04	QP	

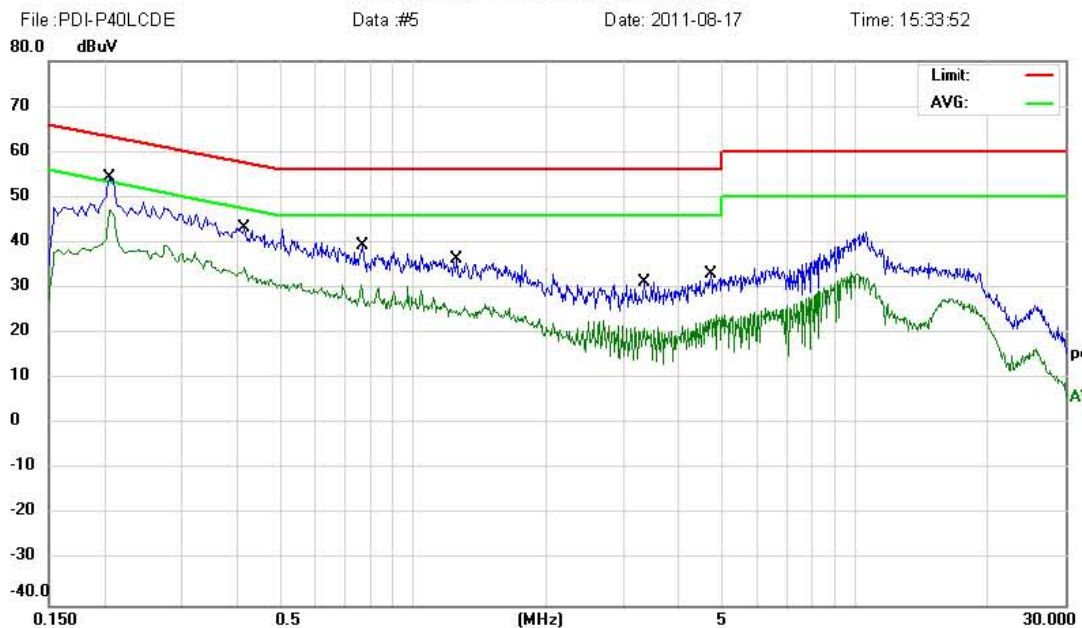
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement



Site: site MOST 3M

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: FM107.9 MHz

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	42.29	11.46	53.75	63.36	-9.61	QP	
2		0.4180	32.69	10.55	43.24	57.49	-14.25	QP	
3		0.7740	29.24	10.00	39.24	56.00	-16.76	QP	
4		1.2579	26.65	9.74	36.39	56.00	-19.61	QP	
5		3.3460	20.99	10.35	31.34	56.00	-24.66	QP	
6		4.7380	21.25	11.74	32.99	56.00	-23.01	QP	

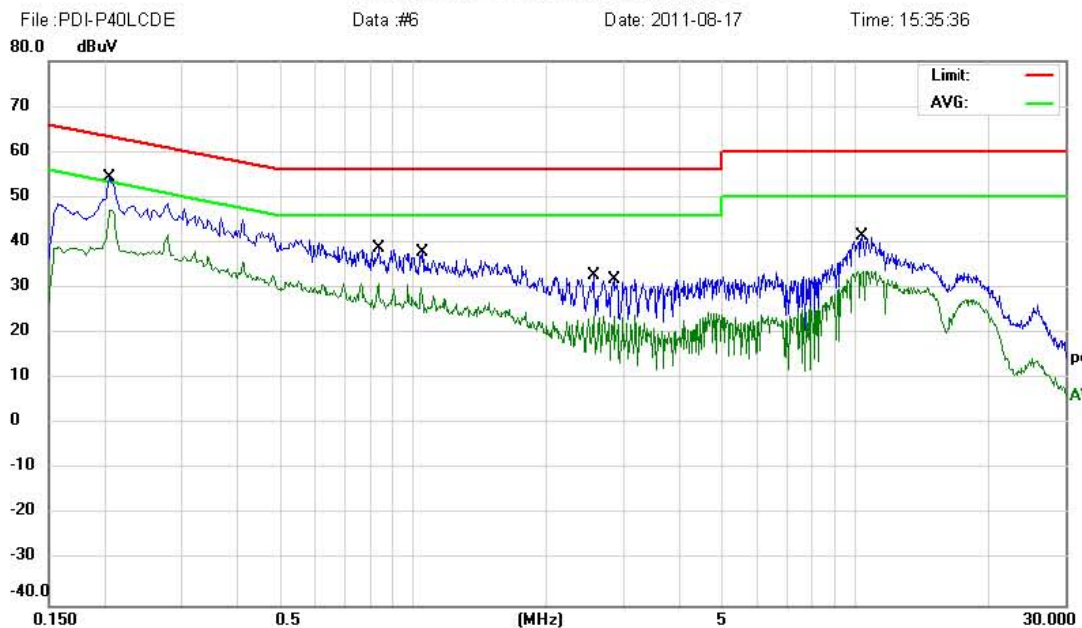
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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Tel: 0755-86170306 Fax: 0755-86170310

Conducted Emission Measurement



Site: site MOST 3M

Phase: N

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: FM107.9 MHz

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	41.41	11.46	53.37	63.36	-9.99	QP	
2		0.8420	28.86	10.00	38.86	56.00	-17.14	QP	
3		1.0500	27.88	9.95	37.83	56.00	-18.17	QP	
4		2.5780	23.05	9.58	32.63	56.00	-23.37	QP	
5		10.3660	32.56	9.00	41.56	60.00	-18.44	QP	
6		2.8580	22.10	9.86	31.96	56.00	-24.04	QP	

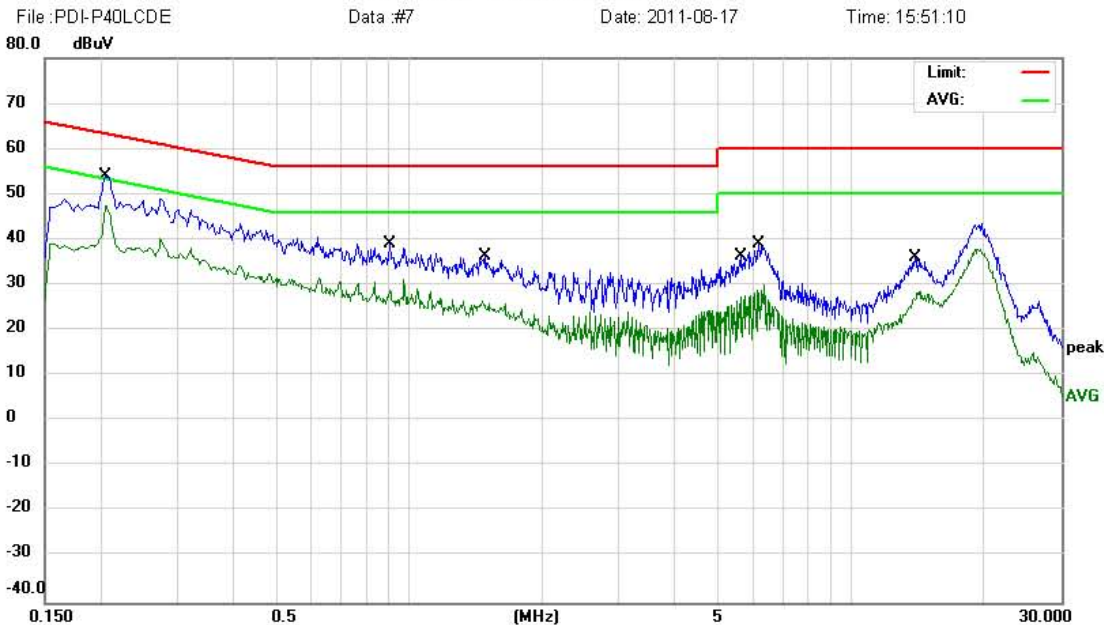
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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Conducted Emission Measurement



Site: site MOST 3M Phase: **N** Temperature: 26
Limit: FCC Part15 B Class B QP Power: AC 120V/60Hz Humidity: 60 %
EUT: LCD TV
M/N: PDI-P40LCDE
Mode: TV-02
Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	42.00	11.46	53.46	63.36	-9.90	QP	
2		0.9060	29.11	10.00	39.11	56.00	-16.89	QP	
3		1.4900	26.95	9.51	36.46	56.00	-19.54	QP	
4		5.6620	24.73	11.60	36.33	60.00	-23.67	QP	
5		6.2180	27.86	11.27	39.13	60.00	-20.87	QP	
6		13.9500	27.12	9.00	36.12	60.00	-23.88	QP	

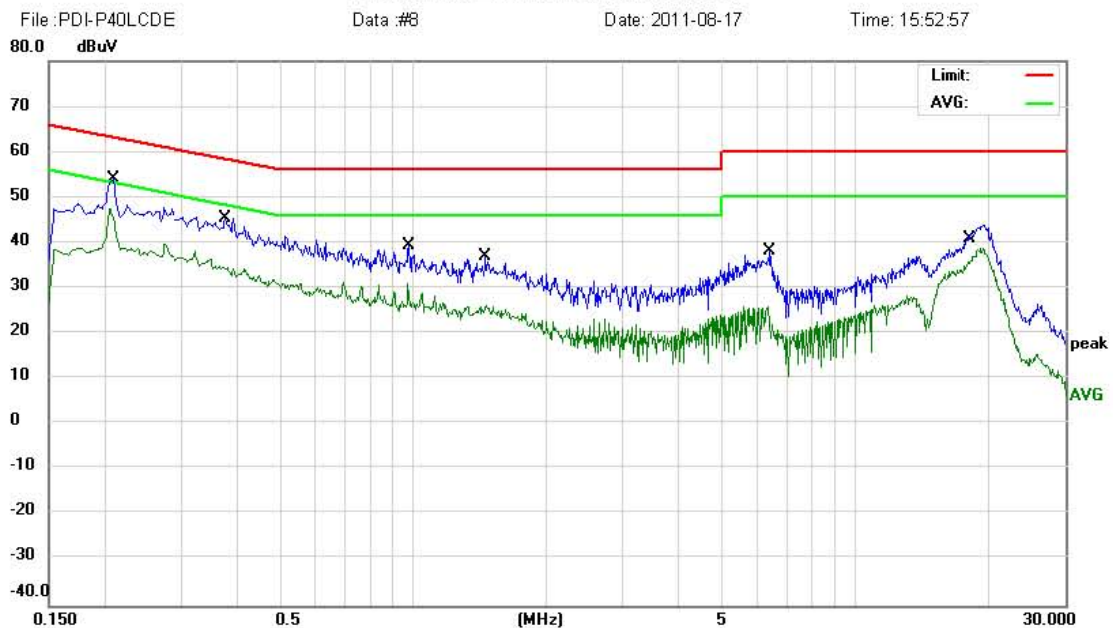
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement



Site: site MOST 3M

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: TV-02

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2100	42.01	11.43	53.44	63.20	-9.76	QP	
2		0.3780	34.52	10.81	45.33	58.32	-12.99	QP	
3		0.9820	29.41	10.00	39.41	56.00	-16.59	QP	
4		1.4620	27.48	9.54	37.02	56.00	-18.98	QP	
5		6.4220	26.92	11.15	38.07	60.00	-21.93	QP	
6		18.0260	31.87	9.00	40.87	60.00	-19.13	QP	

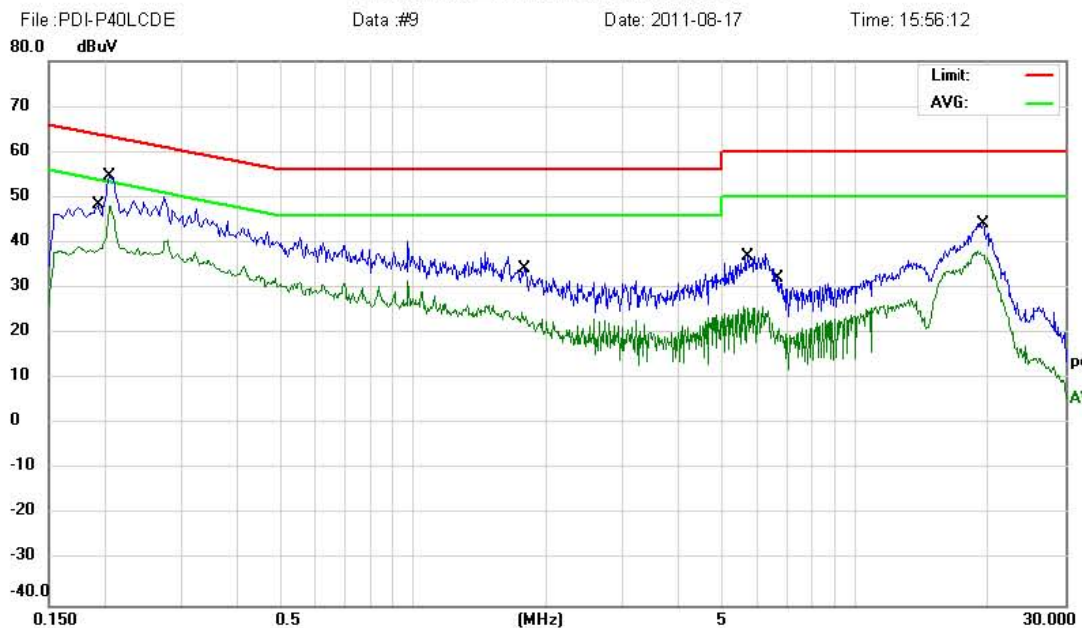
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement



Site: site MOST 3M

Phase: **L1**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: TV-14

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1940	36.81	11.64	48.45	63.86	-15.41	QP	
2	*	0.2060	41.79	11.96	53.75	63.36	-9.61	QP	
3		1.7820	24.92	9.22	34.14	56.00	-21.86	QP	
4		5.7300	25.40	11.56	36.96	60.00	-23.04	QP	
5		6.7020	21.25	10.98	32.23	60.00	-27.77	QP	
6		19.6100	35.10	9.00	44.10	60.00	-15.90	QP	

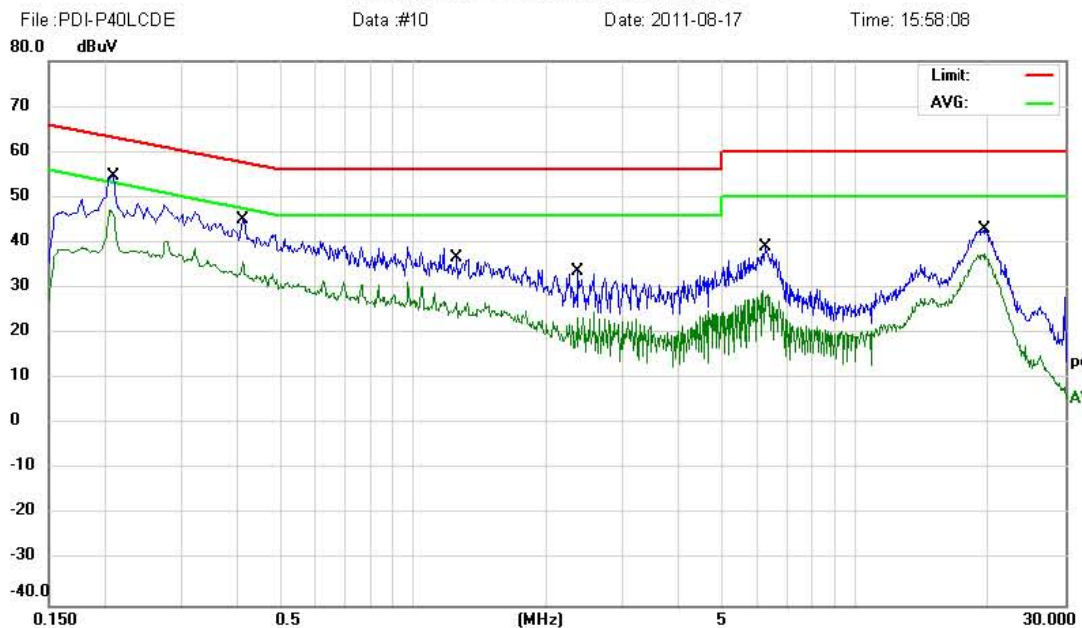
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement



Site: site MOST 3M

Phase: N

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: TV-14

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2100	41.69	11.93	53.62	63.20	-9.58	QP	
2		0.4140	34.61	10.57	45.18	57.57	-12.39	QP	
3		1.2579	26.79	9.74	36.53	56.00	-19.47	QP	
4		2.3780	24.17	9.38	33.55	56.00	-22.45	QP	
5		6.2819	27.88	11.23	39.11	60.00	-20.89	QP	
6		19.8180	33.81	9.00	42.81	60.00	-17.19	QP	

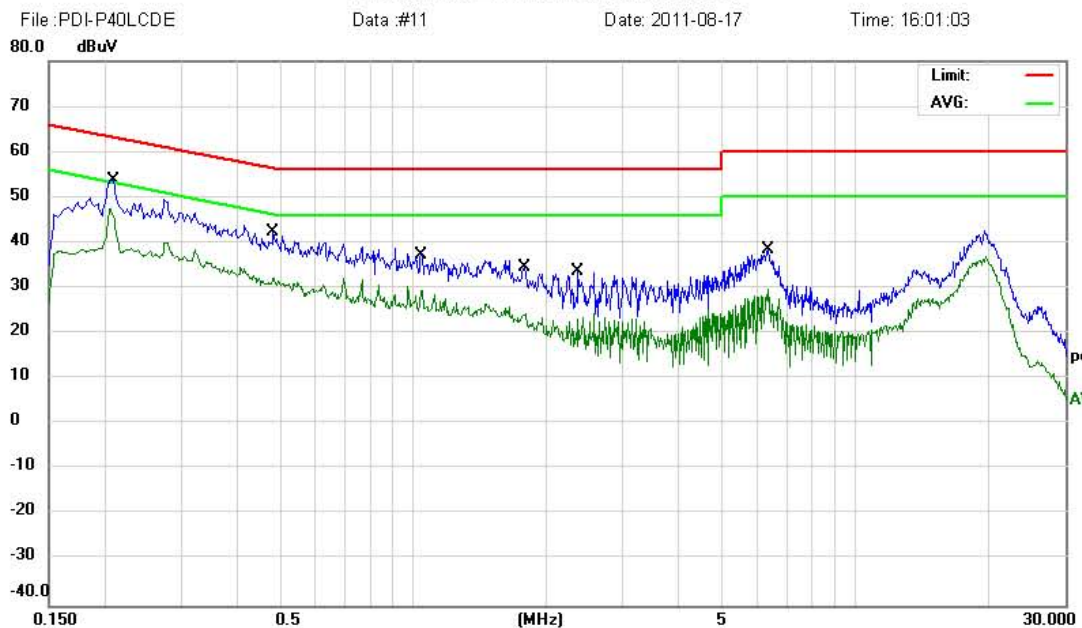
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement



Site: site MOST 3M

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

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	41.87	11.93	53.80	63.20	-9.40	QP	
2		0.4860	32.36	10.09	42.45	56.24	-13.79	QP	
3		1.0460	27.41	9.95	37.36	56.00	-18.64	QP	
4		1.7820	25.23	9.22	34.45	56.00	-21.55	QP	
5		2.3780	24.15	9.38	33.53	56.00	-22.47	QP	
6		6.3540	27.35	11.19	38.54	60.00	-21.46	QP	

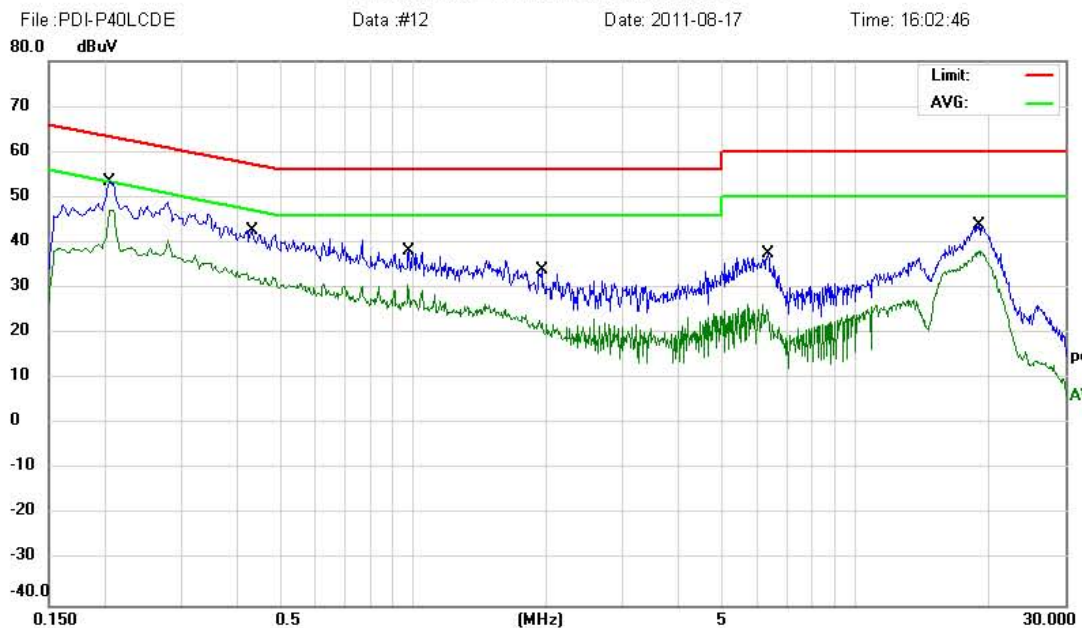
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement



Site: site MOST 3M

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: TV-69

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	41.54	11.96	53.50	63.36	-9.86	QP	
2		0.4340	32.31	10.44	42.75	57.18	-14.43	QP	
3		0.9820	28.04	10.00	38.04	56.00	-17.96	QP	
4		1.9580	24.78	9.04	33.82	56.00	-22.18	QP	
5		6.3580	26.35	11.19	37.54	60.00	-22.46	QP	
6		19.1259	34.91	9.00	43.91	60.00	-16.09	QP	

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

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement

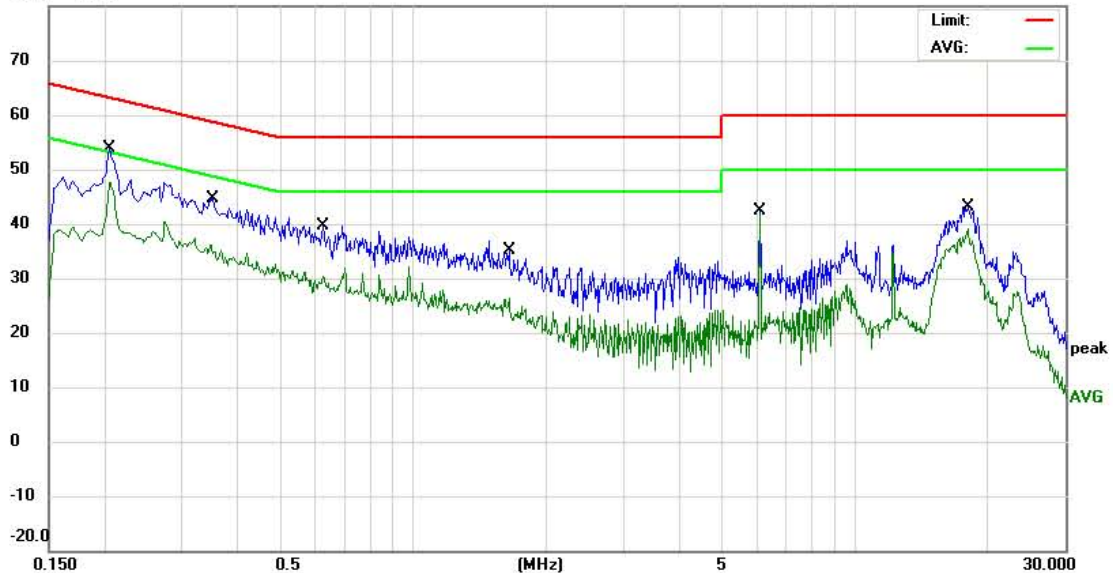
File: PDI-P40LCDE

Data: #23

Date: 2011-08-18

Time: 11:58:46

80.0 dBuV



Site: site MOST 3M

Phase: N

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: DTV-02

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	41.84	11.96	53.80	63.36	-9.56	QP	
2		0.3540	33.76	10.97	44.73	58.87	-14.14	QP	
3		0.6300	29.75	10.00	39.75	56.00	-16.25	QP	
4		1.6460	25.72	9.35	35.07	56.00	-20.93	QP	
5		6.0939	31.10	11.34	42.44	60.00	-17.56	QP	
6		18.0700	34.17	9.00	43.17	60.00	-16.83	QP	

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

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement

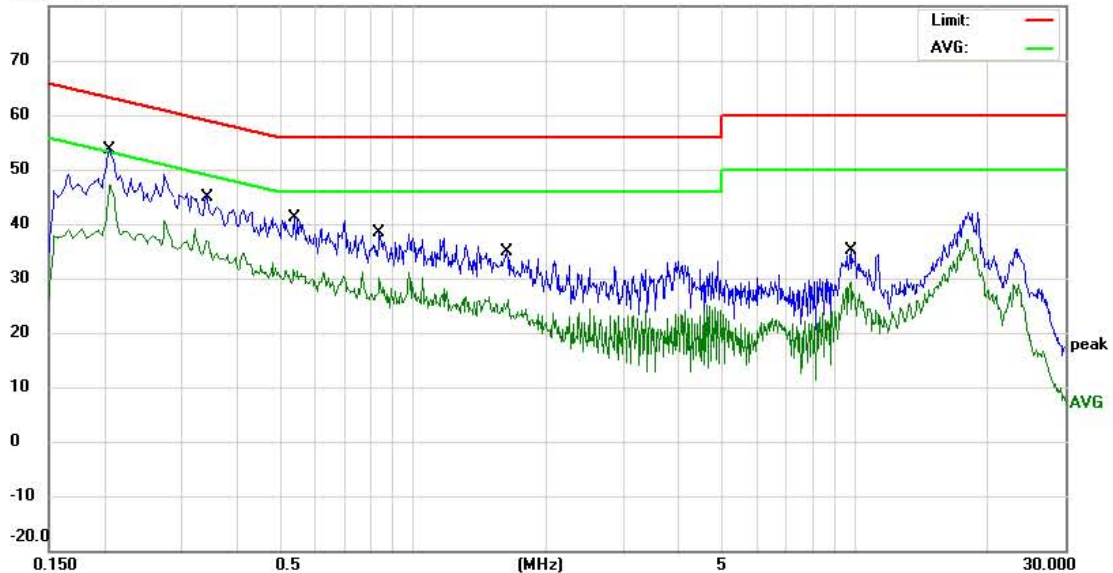
File: PDI-P40LCDE

Data: #24

Date: 2011-08-18

Time: 12:00:07

80.0 dBuV



Site: site MOST 3M

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: DTV-02

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	41.75	11.96	53.71	63.36	-9.65	QP	
2		0.3464	32.18	11.02	43.20	59.05	-15.85	QP	
3		0.5420	31.22	10.00	41.22	56.00	-14.78	QP	
4		0.8420	28.33	10.00	38.33	56.00	-17.67	QP	
5		1.6300	25.40	9.37	34.77	56.00	-21.23	QP	
6		9.7940	26.05	9.12	35.17	60.00	-24.83	QP	

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

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement

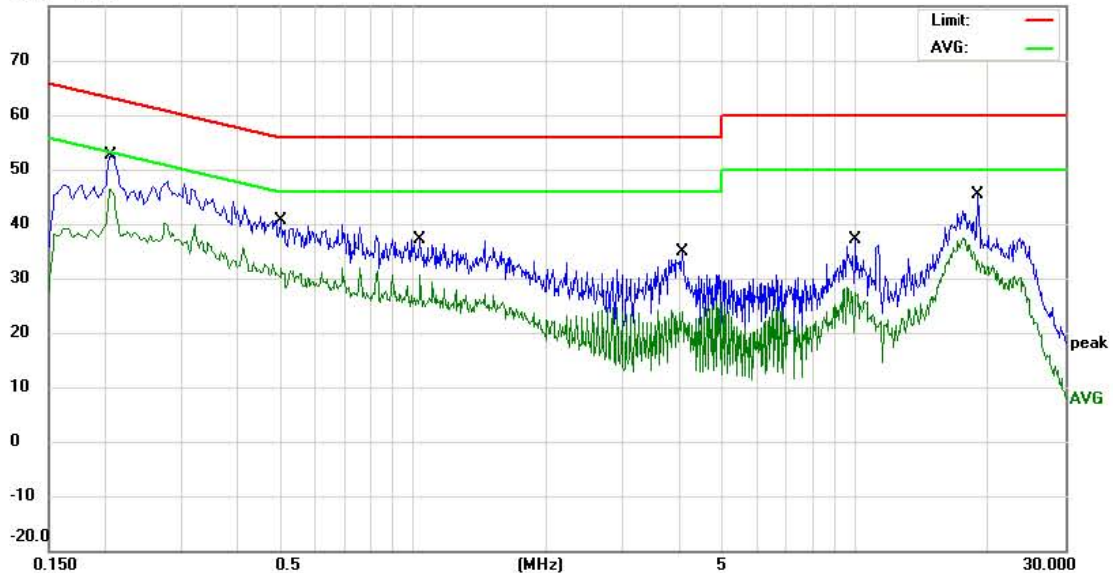
File: PDI-P40LCDE

Data: #25

Date: 2011-08-18

Time: 13:41:55

80.0 dBuV



Site: site MOST 3M

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: DTV-14

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2061	40.54	11.96	52.50	63.36	-10.86	QP	
2		0.5060	30.57	10.00	40.57	56.00	-15.43	QP	
3		1.0420	27.29	9.96	37.25	56.00	-18.75	QP	
4		4.0860	23.88	11.09	34.97	56.00	-21.03	QP	
5		19.1100	36.29	9.00	45.29	60.00	-14.71	QP	
6		10.0420	28.13	9.00	37.13	60.00	-22.87	QP	

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

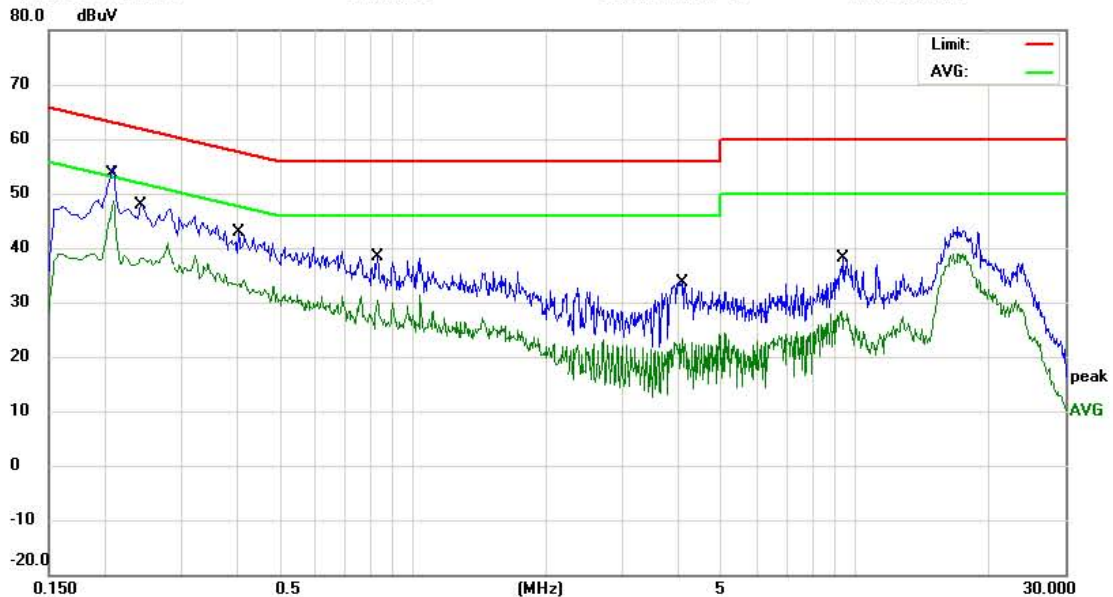
Engineer Signature: Lex.Cai



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Tel: 0755-86170306 Fax: 0755-86170310

Conducted Emission Measurement

File: PDI-P40LCDE Data: #26 Date: 2011-08-18 Time: 13:43:48



Site: site MOST 3M

Phase: N

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: DTV-14

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	40.32	11.96	52.28	63.36	-11.08	QP	
2		0.2420	36.17	11.72	47.89	62.02	-14.13	QP	
3		0.4060	32.23	10.63	42.86	57.73	-14.87	QP	
4		0.8340	28.29	10.00	38.29	56.00	-17.71	QP	
5		4.0780	22.64	11.08	33.72	56.00	-22.28	QP	
6		9.4140	28.82	9.35	38.17	60.00	-21.83	QP	

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

Engineer Signature: Lex.Cai



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Conducted Emission Measurement

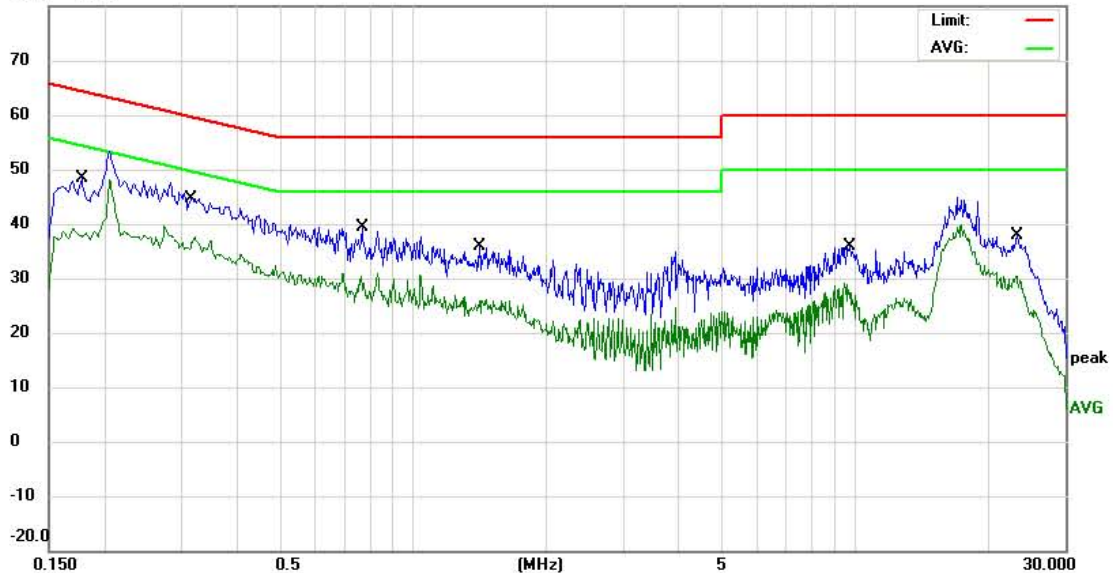
File: PDI-P40LCDE

Data: #27

Date: 2011-08-18

Time: 13:47:50

80.0 dBuV



Site: site MOST 3M

Phase: N

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: DTV-69

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1780	37.62	10.68	48.30	64.57	-16.27	QP	
2	*	0.3180	33.52	11.21	44.73	59.76	-15.03	QP	
3		0.7700	29.30	10.00	39.30	56.00	-16.70	QP	
4		1.4140	26.20	9.59	35.79	56.00	-20.21	QP	
5		9.7500	26.73	9.15	35.88	60.00	-24.12	QP	
6		23.4380	28.97	9.00	37.97	60.00	-22.03	QP	

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

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement

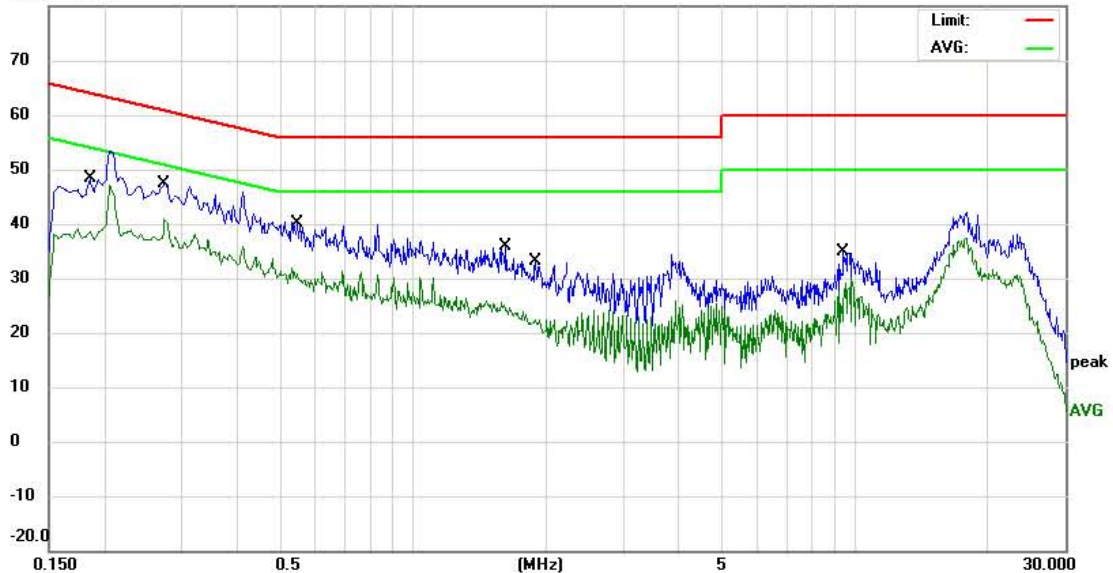
File: PDI-P40LCDE

Data: #28

Date: 2011-08-18

Time: 13:48:51

80.0 dBuV



Site: site MOST 3M

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: DTV-69

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1860	37.13	11.16	48.29	64.21	-15.92	QP	
2	*	0.2740	35.99	11.51	47.50	60.99	-13.49	QP	
3		0.5500	30.15	10.00	40.15	56.00	-15.85	QP	
4		1.6260	26.42	9.37	35.79	56.00	-20.21	QP	
5		1.8940	23.89	9.11	33.00	56.00	-23.00	QP	
6		9.4060	25.58	9.36	34.94	60.00	-25.06	QP	

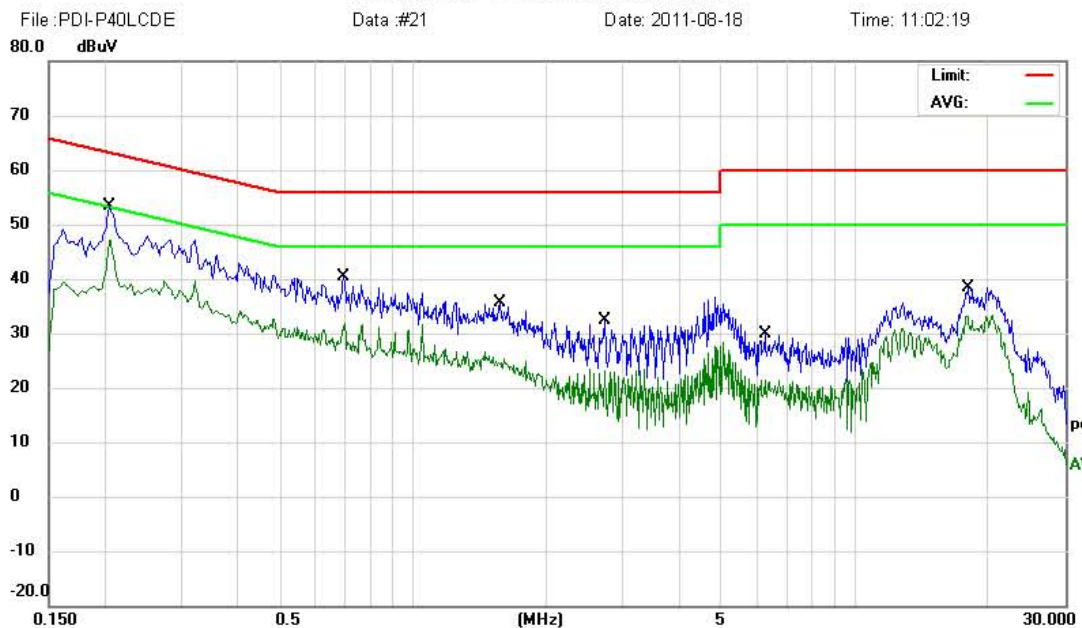
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement



Site: site MOST 3M

Phase: **L1**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: USB Recording

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	41.43	11.96	53.39	63.36	-9.97	QP	
2		0.6980	30.40	10.00	40.40	56.00	-15.60	QP	
3		1.5700	26.29	9.43	35.72	56.00	-20.28	QP	
4		2.7300	22.73	9.73	32.46	56.00	-23.54	QP	
5		6.2780	18.54	11.23	29.77	60.00	-30.23	QP	
6		18.2180	29.32	9.00	38.32	60.00	-21.68	QP	

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

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement

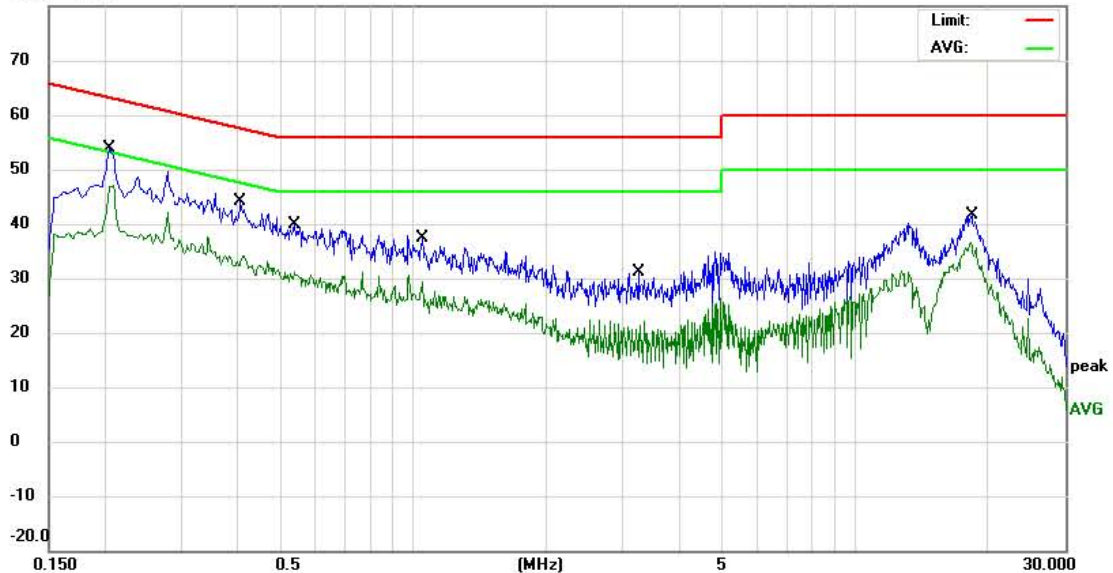
File: PDI-P40LCDE

Data: #22

Date: 2011-08-18

Time: 11:03:23

80.0 dBuV



Site: site MOST 3M

Phase: N

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: USB Recording

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2060	41.85	11.96	53.81	63.36	-9.55	QP	
2		0.4104	32.52	10.60	43.12	57.64	-14.52	QP	
3		0.5420	29.85	10.00	39.85	56.00	-16.15	QP	
4		1.0500	27.54	9.95	37.49	56.00	-18.51	QP	
5		3.2420	20.99	10.24	31.23	56.00	-24.77	QP	
6		18.4900	32.74	9.00	41.74	60.00	-18.26	QP	

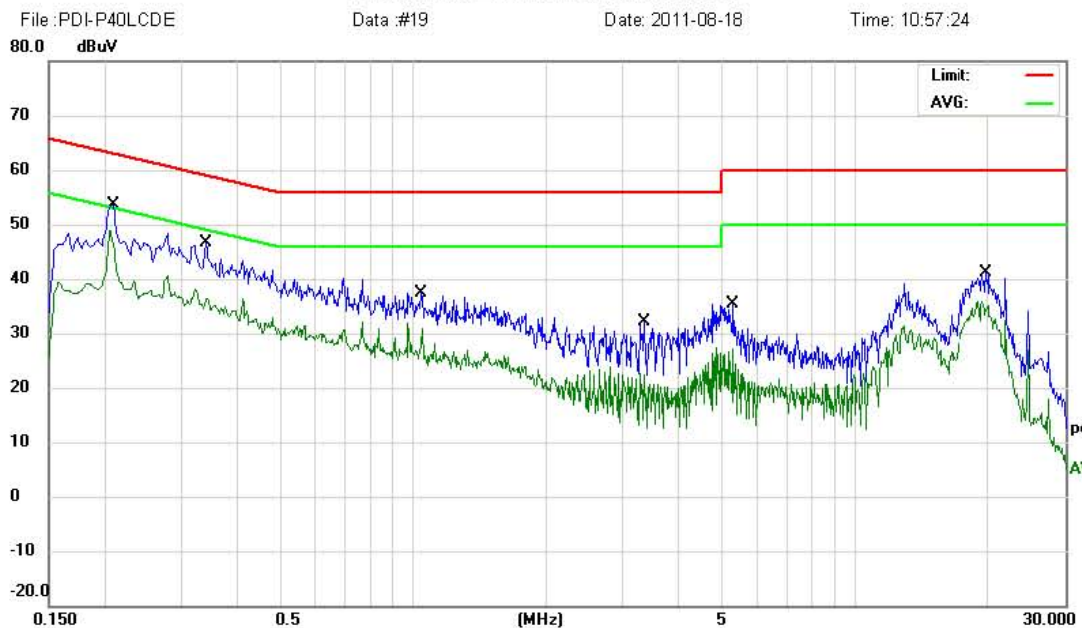
*:Maximum data x:Over limit l:over margin

Engineer Signature: Lex.Cai



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

Conducted Emission Measurement



Site: site MOST 3M

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P40LCDE

Mode: HDMI IN

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2100	41.72	11.93	53.65	63.20	-9.55	QP	
2		0.3420	35.67	11.05	46.72	59.15	-12.43	QP	
3		3.3540	21.70	10.35	32.05	56.00	-23.95	QP	
4		1.0460	27.34	9.95	37.29	56.00	-18.71	QP	
5		5.3140	23.46	11.81	35.27	60.00	-24.73	QP	
6		19.9460	32.23	9.00	41.23	60.00	-18.77	QP	

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

Engineer Signature: Lex.Cai