



# 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:** WQ5P19LCDCM

**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

**Tel:** 86-755-86170306

**Fax:** 86-755-86170310

The report consists 102 pages in total. It may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product endorsement by MOST. The test results in the report only apply to the tested sample. The test report shall be invalid without all the signatures of testing engineers, reviewer and approver.

TABLE OF CONTENTS

**1.VERIFICATION OF CONFORMITY.....3**

**2.GENERAL INFORMATION .....4**

    2.1 PRODUCT INFORMATION .....4

    2.2. OBJECTIVE.....4

    2.3 TEST STANDARDS AND RESULTS .....4

    2.4 MEASUREMENT UNCERTAINTY .....4

    2.5 ENVIRONMENTAL CONDITIONS.....4

**3.TEST FACILITY.....5**

    3.1 TEST FACILITY.....5

    3.2 GENERAL TEST PROCEDURES .....5

**4.SETUP OF EQUIPMENT UNDER TEST .....6**

    4.1 SUPPORT EQUIPMENT .....6

    4.2 TEST EQUIPMENT LIST.....6

**5.TEST REQUIREMENTS .....7**

    5.1 LIMITS OF LINE CONDUCTED EMISSION TEST .....7

    5.2 BLOCK DIAGRAM OF TEST SETUP .....7

    5.3 PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST .....7

    5.4 TEST RESULT OF LINE CONDUCTED EMISSION TEST .....8

**6.TEST RADIATED EMISSION REQUIREMENT .....39**

    6.1 LIMITS OF RADIATED DISTURBANCES AT 3M DISTANCES FOR CLASS B .....39

    6.2: BLOCK OF RADIATION INTERFERENCE .....39

    6.3 PRELIMINARY RADIATED EMISSION TEST .....39

    6.4 TEST RESULT OF RADIATION EMISSION TEST .....39

**7.ANTENNA CONDUCTED POWER.....101**

    7.1: TEST METHOD .....101

    7.2: LIMIT .....101

    7.3: TEST RESULT OF ANTENNA CONDUCTED POWER.....101


# 1. VERIFICATION OF CONFORMITY

Equipment under test: LCD TV  
 Brand Name: N/A  
 Model Number: PDI-P19LCDC  
 FCC ID: WQ5P19LCDCM  
 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 <sup>nd</sup> 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

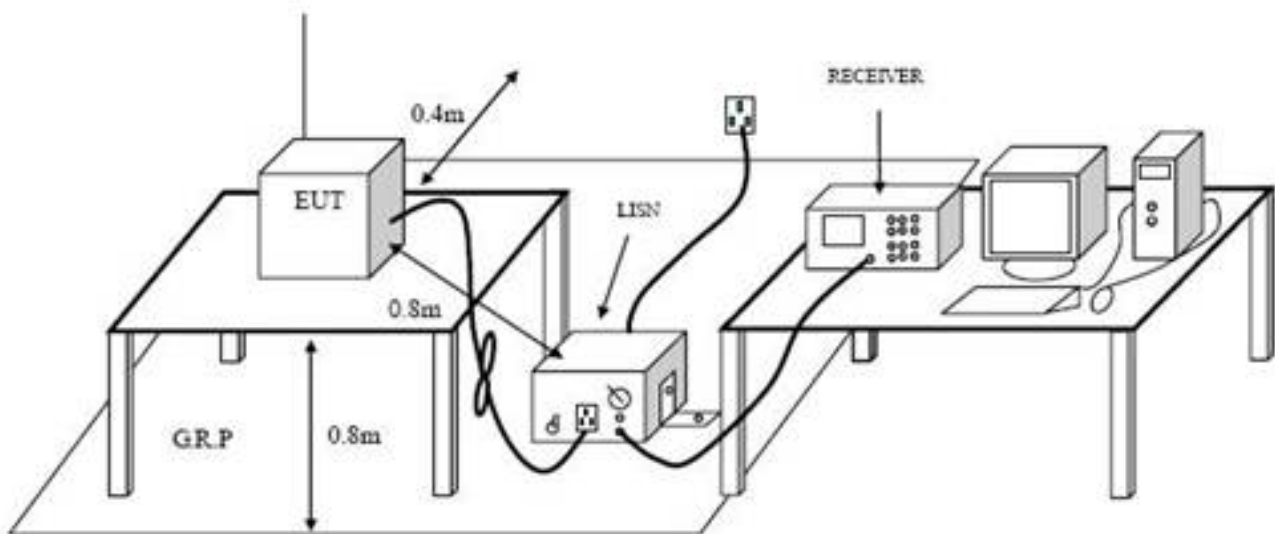
## 5. TEST REQUIREMENTS

### 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.

<b>Preliminary Conducted Emission Test</b>			
Frequency Range Investigated		150KHz to 30MHz	
Mode of operation	Details	Phase	Date#
VGA Display	800*600	L/N	<b>Page 9- Page 14</b>
	1024*768	L/N	
	1280*1024	L/N	
FM	88.1MHz	L/N	<b>Page 15-Page 20</b>
	98.1MHz	L/N	
	107.9MHz	L/N	
TV	(CH 02)-55.25MHz	L/N	<b>Page 21- Page 32</b>
	(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	<b>Page 33- Page 34</b>
HDMI	/	L/N	<b>Page 35- Page 36</b>
AV IN	/	L/N	<b>Page 37- Page 38</b>

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

#### 5.4 Test Result Of Line Conducted Emission Test

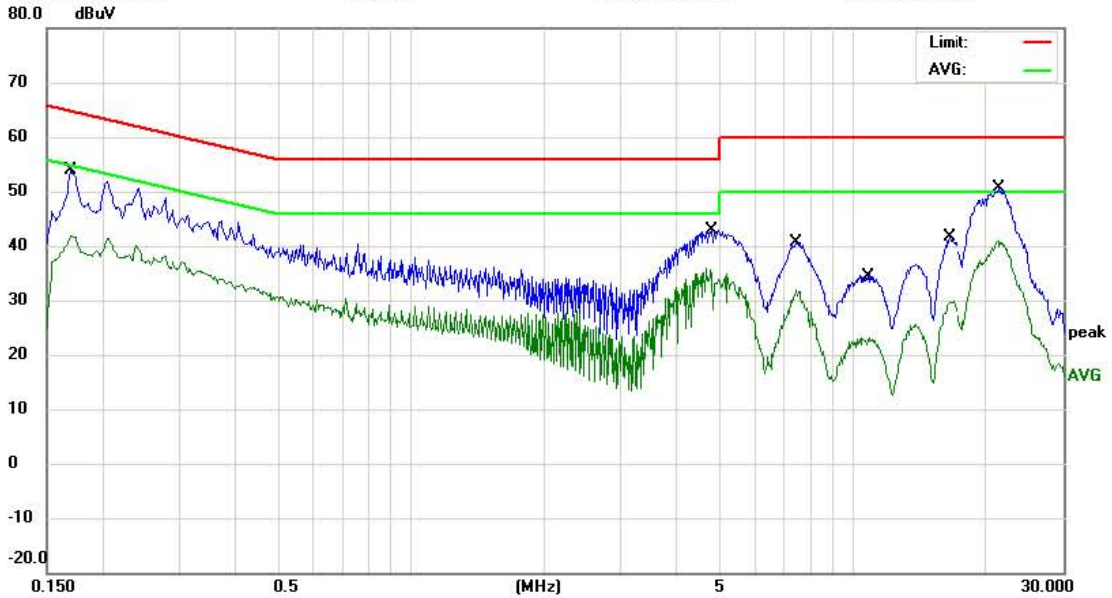




Address: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park  
 Guangdong, China  
 Tel: 0755-86170306 Fax: 0755-86170310

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #3 Date: 2011/08/24 Time: 13:49:02



Site: site MOST 3M 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		0.1711	31.50	10.27	41.77	54.90	-13.13	AVG	
3		4.8220	31.04	11.82	42.86	56.00	-13.14	QP	
4		4.8220	22.98	11.82	34.80	46.00	-11.20	AVG	
5		7.4580	30.17	10.53	40.70	60.00	-19.30	QP	
6		7.4580	21.33	10.53	31.86	50.00	-18.14	AVG	
7		10.7660	24.91	9.00	33.91	60.00	-26.09	QP	
8		10.7660	12.81	9.00	21.81	50.00	-28.19	AVG	
9		16.5459	32.57	9.00	41.57	60.00	-18.43	QP	
10		16.5459	20.67	9.00	29.67	50.00	-20.33	AVG	
11	*	21.5900	41.03	9.00	50.03	60.00	-9.97	QP	
12		21.5900	30.87	9.00	39.87	50.00	-10.13	AVG	

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

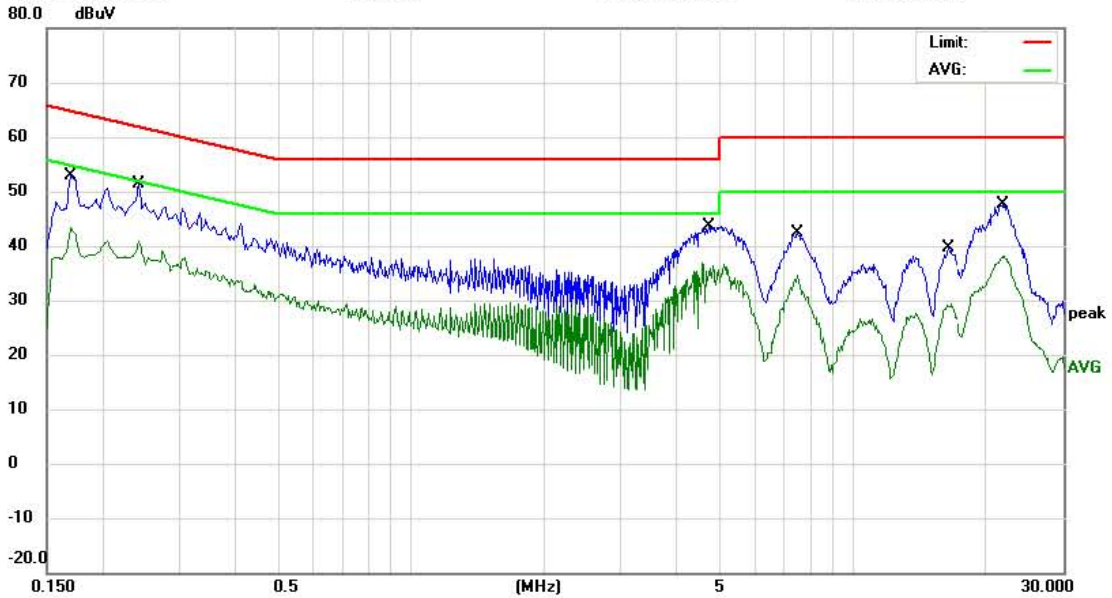
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #4 Date: 2011/08/24 Time: 13:53:43



Site: site MOST 3M 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	62.02	-10.72	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

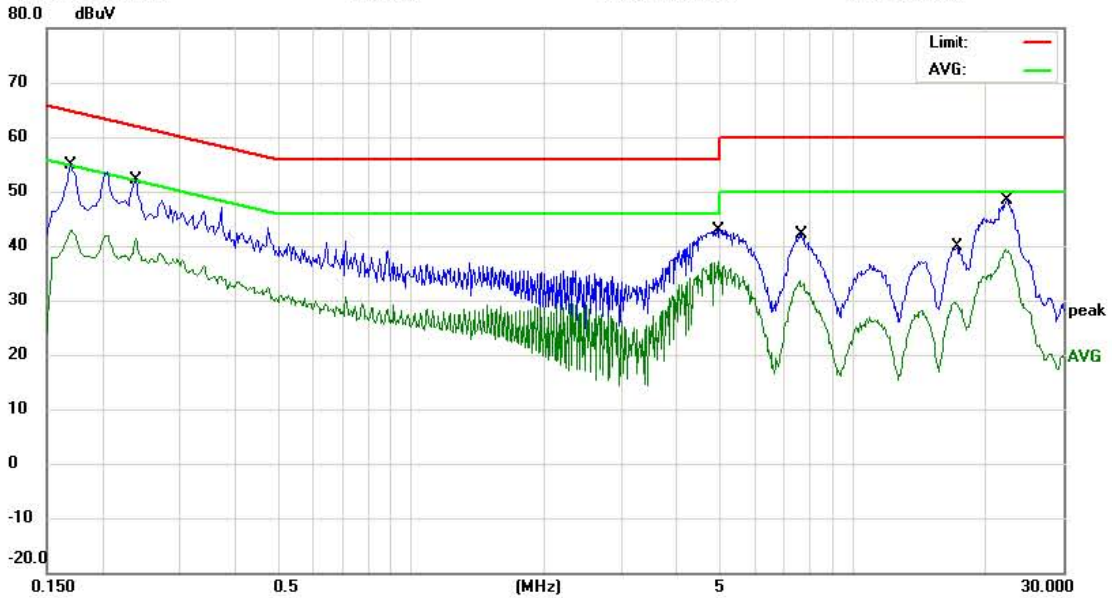
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #1 Date: 2011/08/24 Time: 13:31:57



Site: site MOST 3M 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	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1700	44.68	10.20	54.88	64.96	-10.08	QP	
2		0.1700	32.62	10.20	42.82	54.96	-12.14	AVG	
3		0.2380	40.31	11.75	52.06	62.16	-10.10	QP	
4		0.2380	29.75	11.75	41.50	52.16	-10.66	AVG	
5		4.9860	30.93	11.99	42.92	56.00	-13.08	QP	
6	*	4.9860	25.23	11.99	37.22	46.00	-8.78	AVG	
7		7.6340	31.71	10.42	42.13	60.00	-17.87	QP	
8		7.6340	22.18	10.42	32.60	50.00	-17.40	AVG	
9		17.1980	30.63	9.00	39.63	60.00	-20.37	QP	
10		17.1980	20.49	9.00	29.49	50.00	-20.51	AVG	
11		22.5020	39.42	9.00	48.42	60.00	-11.58	QP	
12		22.5020	29.86	9.00	38.86	50.00	-11.14	AVG	

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

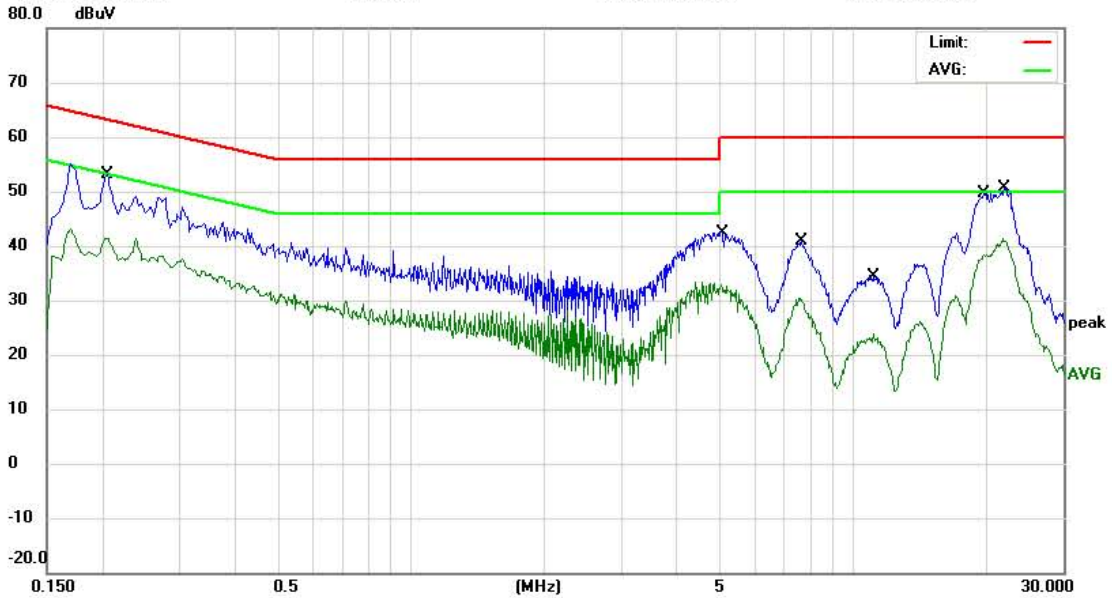
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #2 Date: 2011/08/24 Time: 13:40:32



Site: site MOST 3M 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	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2040	40.96	11.97	52.93	63.44	-10.51	QP	
2		0.2040	29.49	11.97	41.46	53.44	-11.98	AVG	
3		5.0980	29.89	11.94	41.83	60.00	-18.17	QP	
4		5.0980	19.78	11.94	31.72	50.00	-18.28	AVG	
5		7.6220	29.71	10.43	40.14	60.00	-19.86	QP	
6		7.6220	19.68	10.43	30.11	50.00	-19.89	AVG	
7		11.0260	24.61	9.00	33.61	60.00	-26.39	QP	
8		11.0260	13.26	9.00	22.26	50.00	-27.74	AVG	
9		19.9740	40.28	9.00	49.28	60.00	-10.72	QP	
10		19.9740	29.05	9.00	38.05	50.00	-11.95	AVG	
11		22.1900	41.47	9.00	50.47	60.00	-9.53	QP	
12	*	22.1900	31.86	9.00	40.86	50.00	-9.14	AVG	

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

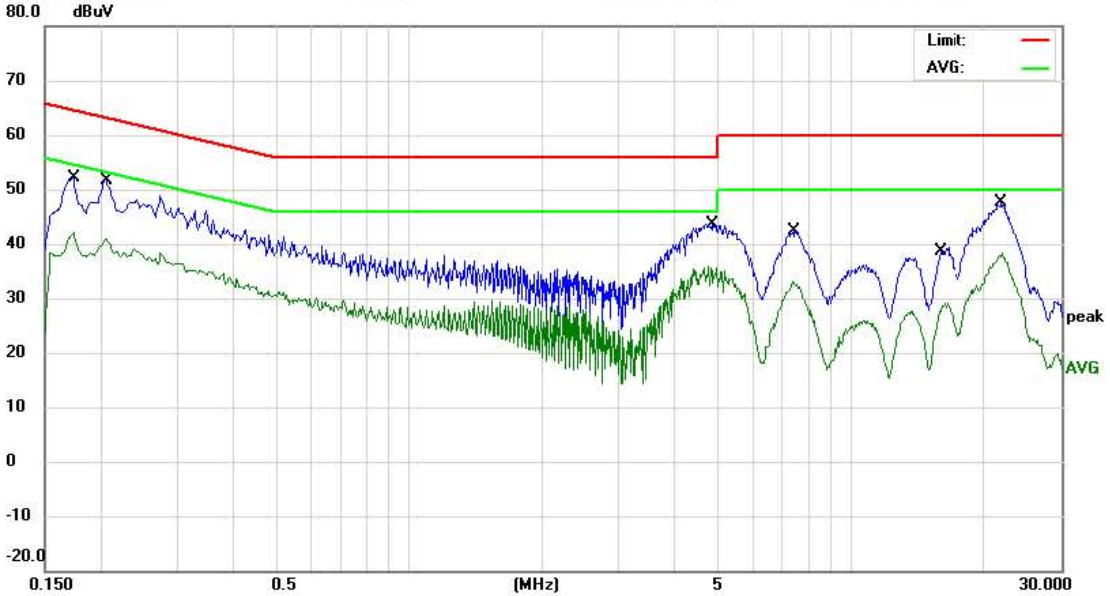
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #5 Date: 2011/08/24 Time: 14:07:44



Site: site MOST 3M 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	64.76	-12.60	QP	
2	*	0.2072	39.18	11.95	51.13	63.31	-12.18	QP	
3		4.8659	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	

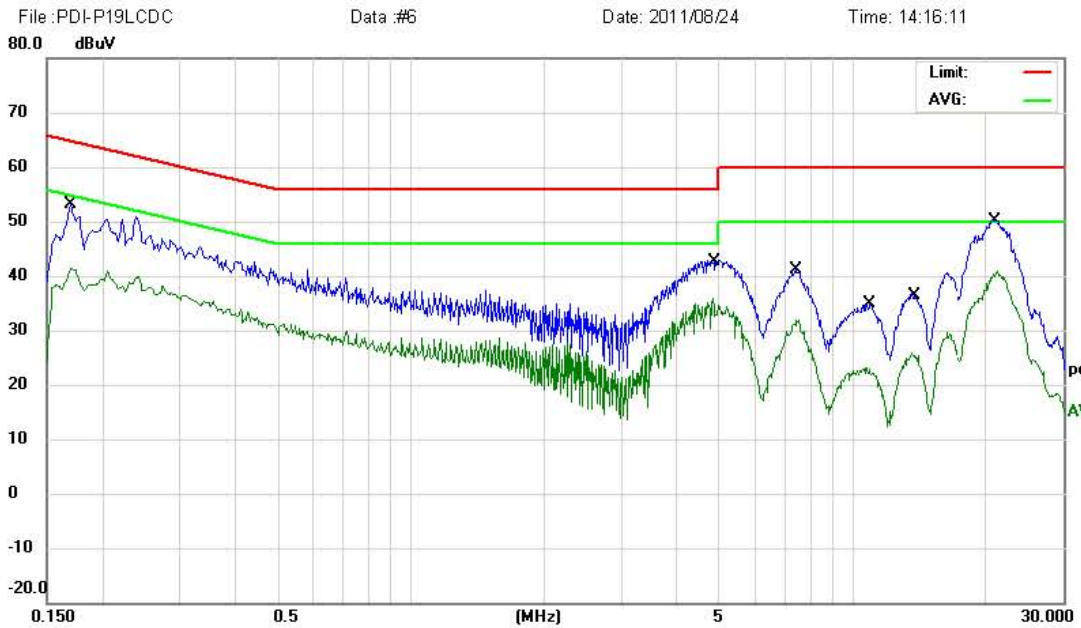
\*:Maximum data x:Over limit l:over margin

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: 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		0.1711	31.05	10.27	41.32	54.90	-13.58	AVG	
3		4.8340	30.64	11.83	42.47	56.00	-13.53	QP	
4		4.8340	24.10	11.83	35.93	46.00	-10.07	AVG	
5		7.4700	30.60	10.52	41.12	60.00	-18.88	QP	
6		7.4700	21.37	10.52	31.89	50.00	-18.11	AVG	
7		10.7980	24.96	9.00	33.96	60.00	-26.04	QP	
8		10.7980	13.05	9.00	22.05	50.00	-27.95	AVG	
9		13.7980	27.43	9.00	36.43	60.00	-23.57	QP	
10		13.7980	16.24	9.00	25.24	50.00	-24.76	AVG	
11	*	21.0500	41.03	9.00	50.03	60.00	-9.97	QP	
12		21.0500	30.81	9.00	39.81	50.00	-10.19	AVG	

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

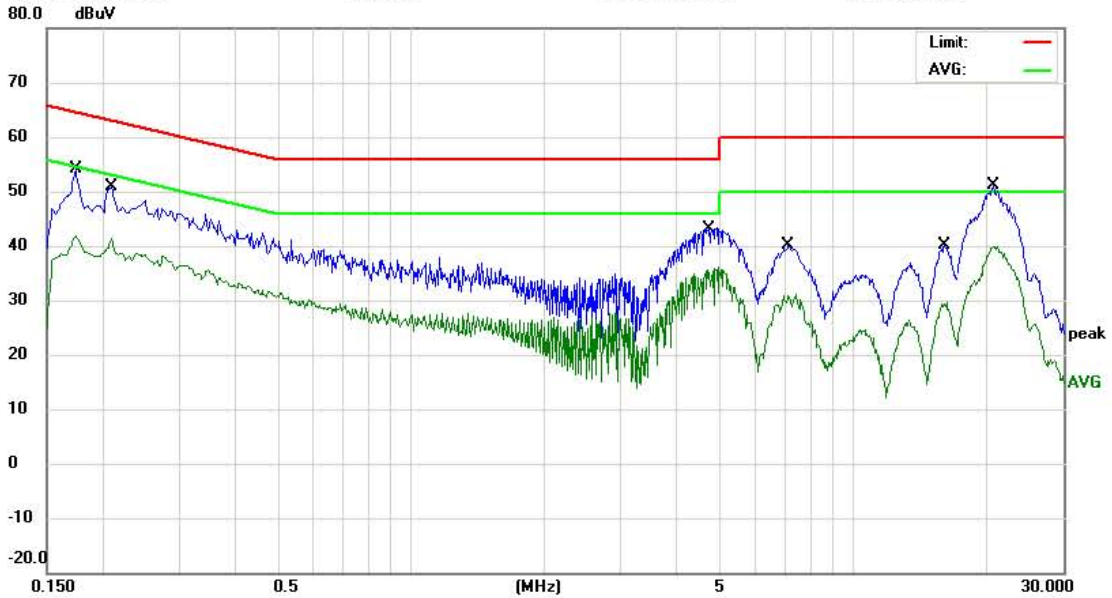
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #17 Date: 2011/08/24 Time: 16:01:03



Site: site MOST 3M 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		0.1748	42.61	10.49	53.10	64.72	-11.62	QP	
2		0.1748	31.19	10.49	41.68	54.72	-13.04	AVG	
3		0.2100	38.90	11.93	50.83	63.20	-12.37	QP	
4		0.2100	29.44	11.93	41.37	53.20	-11.83	AVG	
5		4.7780	30.31	11.78	42.09	56.00	-13.91	QP	
6		4.7780	21.06	11.78	32.84	46.00	-13.16	AVG	
7		7.1620	29.39	10.70	40.09	60.00	-19.91	QP	
8		7.1620	20.26	10.70	30.96	50.00	-19.04	AVG	
9		16.0940	31.08	9.00	40.08	60.00	-19.92	QP	
10		16.0940	20.35	9.00	29.35	50.00	-20.65	AVG	
11	*	20.8260	42.13	9.00	51.13	60.00	-8.87	QP	
12		20.8260	30.77	9.00	39.77	50.00	-10.23	AVG	

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

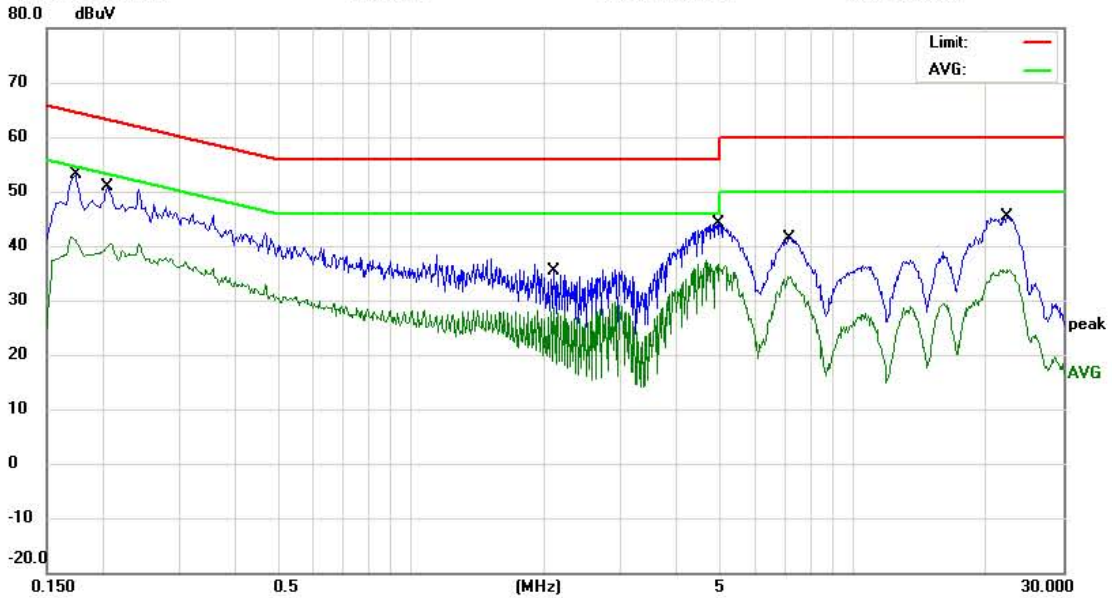
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #18 Date: 2011/08/24 Time: 16:11:21



Site: site MOST 3M 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	64.76	-11.63	QP	
2		0.2060	38.94	11.96	50.90	63.36	-12.46	QP	
3		2.1099	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		22.3819	36.37	9.00	45.37	60.00	-14.63	QP	

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

Engineer Signature: Lex.Cai

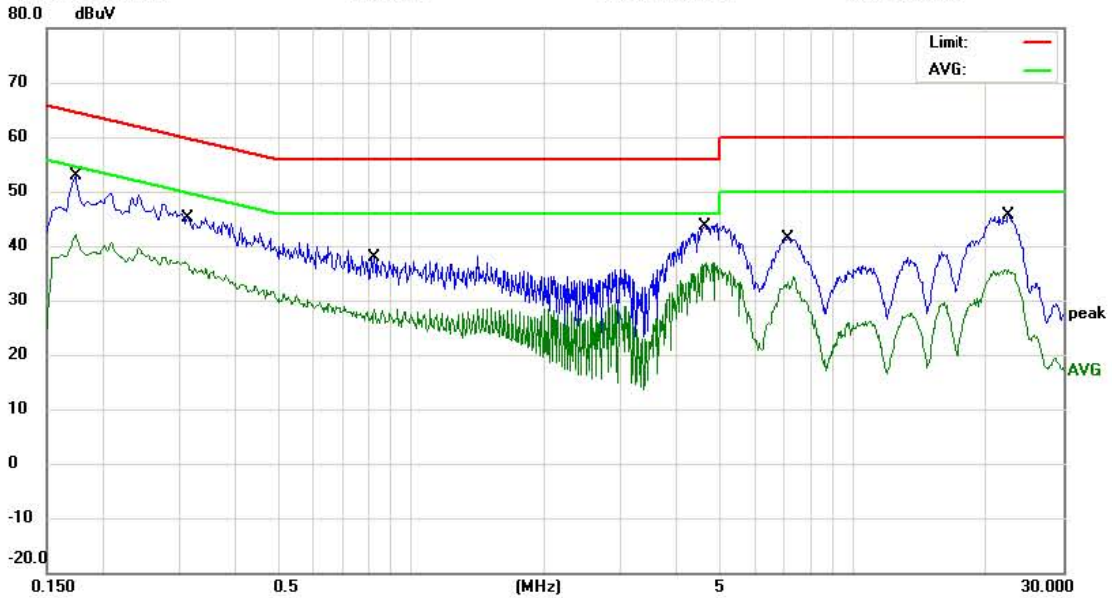




Address: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park  
 Guangdong, China  
 Tel: 0755-86170306 Fax: 0755-86170310

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #15 Date: 2011/08/24 Time: 15:43:39



Site: site MOST 3M 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	64.76	-11.77	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

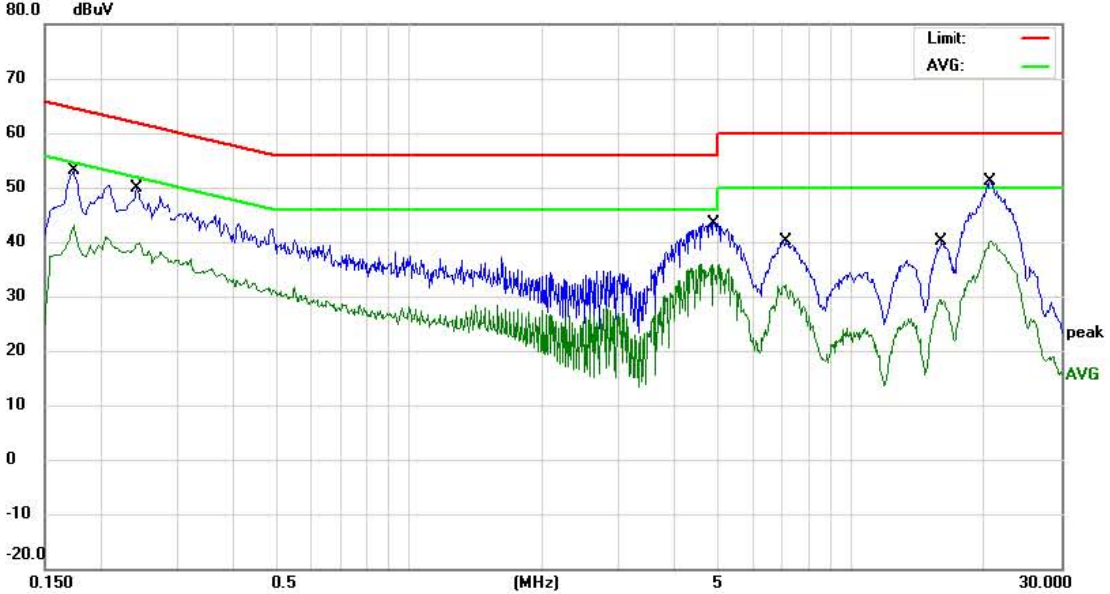
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #16 Date: 2011/08/24 Time: 15:52:49



Site: site MOST 3M 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		0.1731	42.26	10.39	52.65	64.81	-12.16	QP	
2		0.1731	32.05	10.39	42.44	54.81	-12.37	AVG	
3		0.2420	38.13	11.72	49.85	62.02	-12.17	QP	
4		0.2420	27.90	11.72	39.62	52.02	-12.40	AVG	
5		4.9140	31.56	11.91	43.47	56.00	-12.53	QP	
6		4.9140	23.03	11.91	34.94	46.00	-11.06	AVG	
7		7.1620	28.93	10.70	39.63	60.00	-20.37	QP	
8		7.1620	20.83	10.70	31.53	50.00	-18.47	AVG	
9		15.9820	31.06	9.00	40.06	60.00	-19.94	QP	
10		15.9820	20.47	9.00	29.47	50.00	-20.53	AVG	
11	*	20.7260	42.23	9.00	51.23	60.00	-8.77	QP	
12		20.7260	31.06	9.00	40.06	50.00	-9.94	AVG	

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

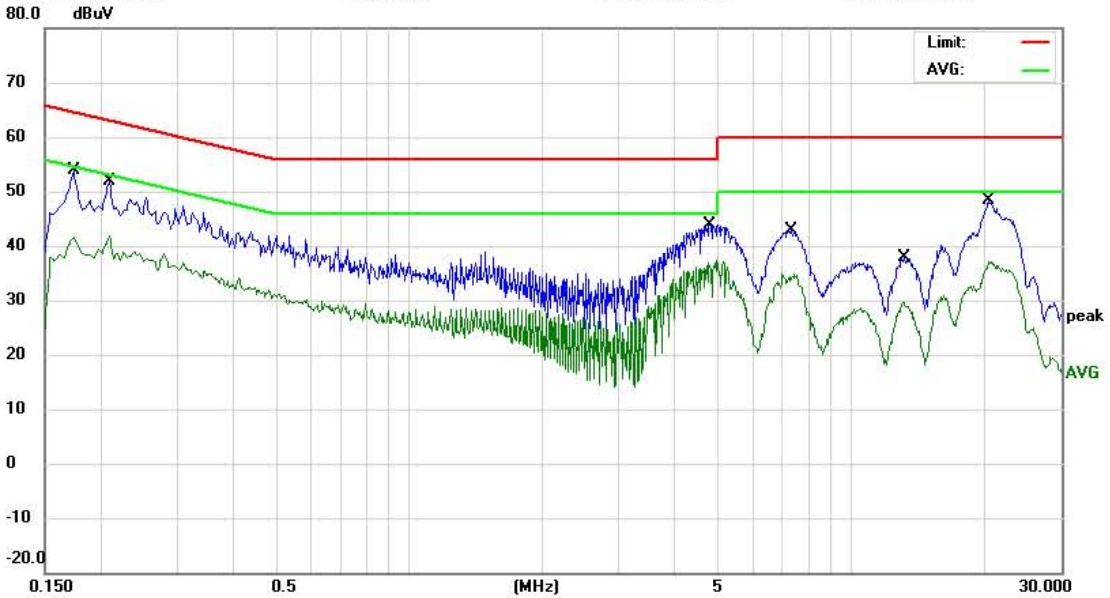
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #19 Date: 2011/08/24 Time: 16:22:22



Site: site MOST 3M 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	64.76	-10.84	QP	
2		0.2100	39.96	11.93	51.89	63.20	-11.31	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

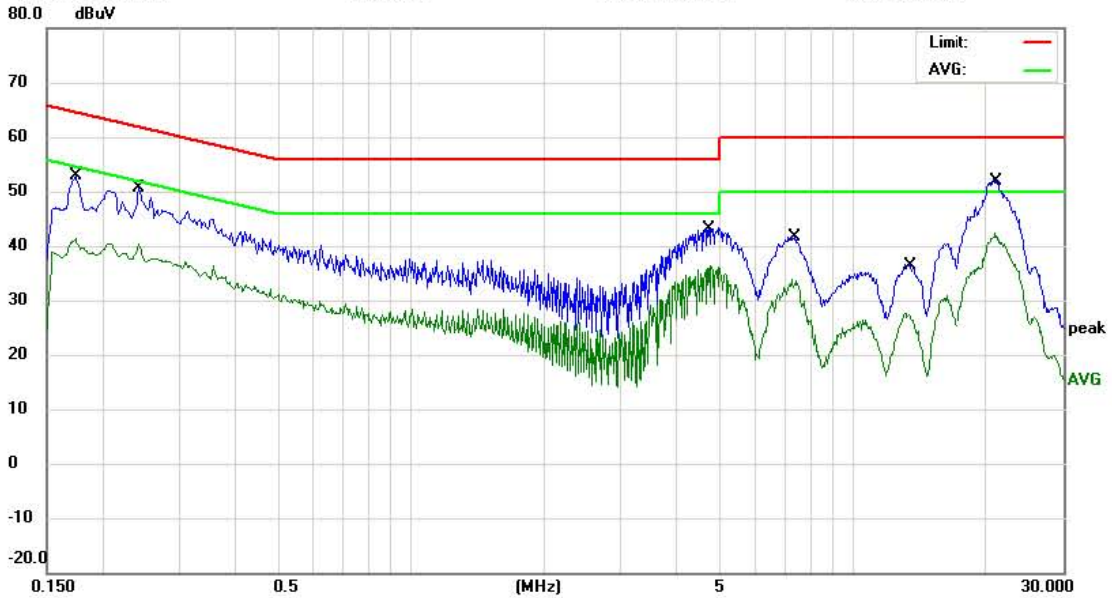
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #20 Date: 2011/08/24 Time: 16:32:45



Site: site MOST 3M 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		0.1731	42.06	10.39	52.45	64.81	-12.36	QP	
2		0.1731	30.76	10.39	41.15	54.81	-13.66	AVG	
3		0.2420	38.82	11.72	50.54	62.02	-11.48	QP	
4		0.2420	28.73	11.72	40.45	52.02	-11.57	AVG	
5		4.7380	31.32	11.74	43.06	56.00	-12.94	QP	
6		4.7380	24.16	11.74	35.90	46.00	-10.10	AVG	
7		7.3380	30.88	10.60	41.48	60.00	-18.52	QP	
8		7.3380	21.70	10.60	32.30	50.00	-17.70	AVG	
9		13.5260	27.36	9.00	36.36	60.00	-23.64	QP	
10		13.5260	17.78	9.00	26.78	50.00	-23.22	AVG	
11		21.1100	42.67	9.00	51.67	60.00	-8.33	QP	
12	*	21.1100	33.32	9.00	42.32	50.00	-7.68	AVG	

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

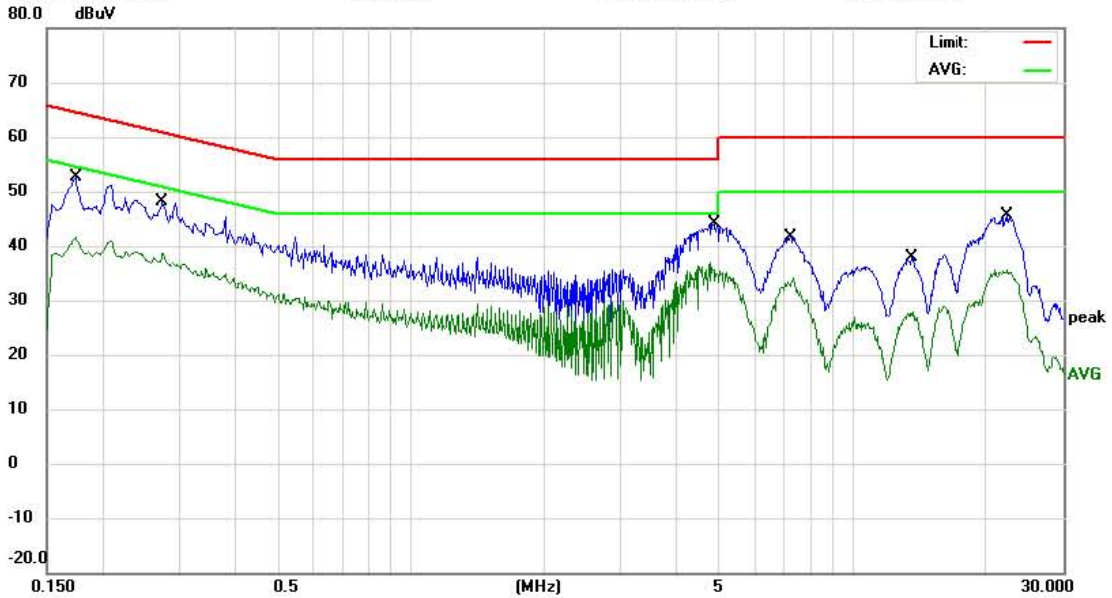
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #11 Date: 2011/08/24 Time: 14:58:18



Site: site MOST 3M Phase: **L1** Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %  
 EUT: LCD TV  
 M/N: PDI-P19LCDC  
 Mode: TV-02  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	42.15	10.44	52.59	64.76	-12.17	QP	
2		0.2740	36.66	11.51	48.17	60.99	-12.82	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

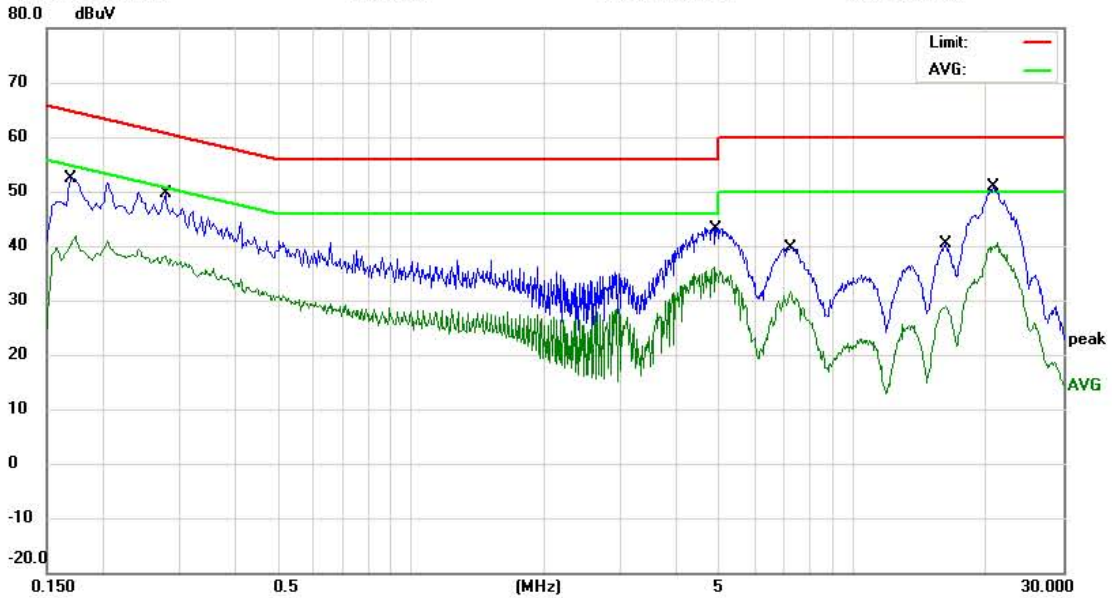
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #12 Date: 2011/08/24 Time: 15:09:07



Site: site MOST 3M Phase: N Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %  
 EUT: LCD TV  
 M/N: PDI-P19LCDC  
 Mode: TV-02  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1711	42.07	10.27	52.34	64.90	-12.56	QP	
2		0.1711	30.46	10.27	40.73	54.90	-14.17	AVG	
3		0.2757	37.36	11.50	48.86	60.94	-12.08	QP	
4		0.2757	26.54	11.50	38.04	50.94	-12.90	AVG	
5		4.9020	31.21	11.90	43.11	56.00	-12.89	QP	
6		4.9380	22.82	11.94	34.76	46.00	-11.24	AVG	
7		7.1820	28.58	10.69	39.27	60.00	-20.73	QP	
8		7.1820	20.23	10.69	30.92	50.00	-19.08	AVG	
9		16.0860	31.09	9.00	40.09	60.00	-19.91	QP	
10		16.0860	19.75	9.00	28.75	50.00	-21.25	AVG	
11	*	20.8420	41.98	9.00	50.98	60.00	-9.02	QP	
12		20.8420	30.96	9.00	39.96	50.00	-10.04	AVG	

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

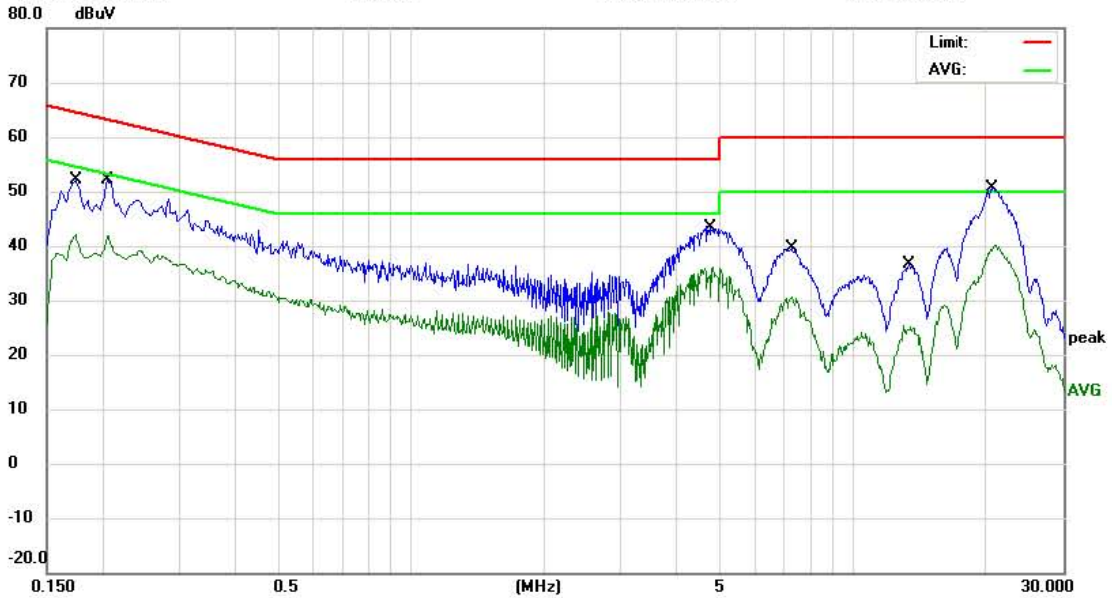
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #9 Date: 2011/08/24 Time: 14:43:43



Site: site MOST 3M 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		0.1731	41.61	10.39	52.00	64.81	-12.81	QP	
2		0.1731	31.38	10.39	41.77	54.81	-13.04	AVG	
3		0.2060	40.07	11.96	52.03	63.36	-11.33	QP	
4		0.2060	30.00	11.96	41.96	53.36	-11.40	AVG	
5		4.7740	31.54	11.77	43.31	56.00	-12.69	QP	
6		4.7740	18.81	11.77	30.58	46.00	-15.42	AVG	
7		7.3260	28.79	10.60	39.39	60.00	-20.61	QP	
8		7.3260	20.03	10.60	30.63	50.00	-19.37	AVG	
9		13.3660	27.73	9.00	36.73	60.00	-23.27	QP	
10		13.3660	15.57	9.00	24.57	50.00	-25.43	AVG	
11	*	20.8700	41.51	9.00	50.51	60.00	-9.49	QP	
12		20.8700	30.75	9.00	39.75	50.00	-10.25	AVG	

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

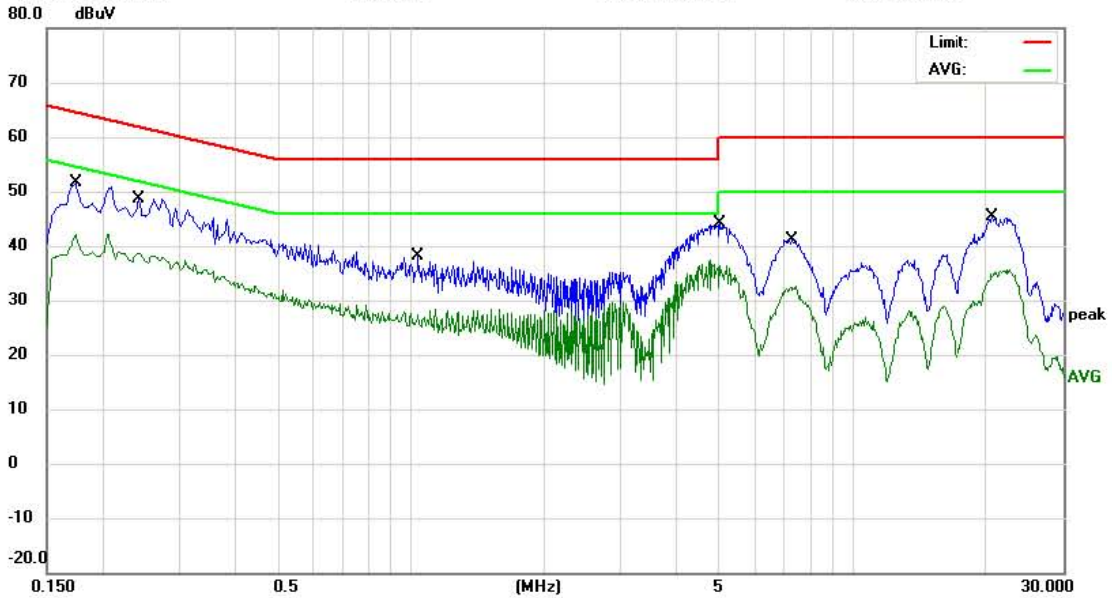
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #10 Date: 2011/08/24 Time: 14:50:29



Site: site MOST 3M 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	64.76	-13.17	QP	
2		0.2420	36.87	11.72	48.59	62.02	-13.43	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

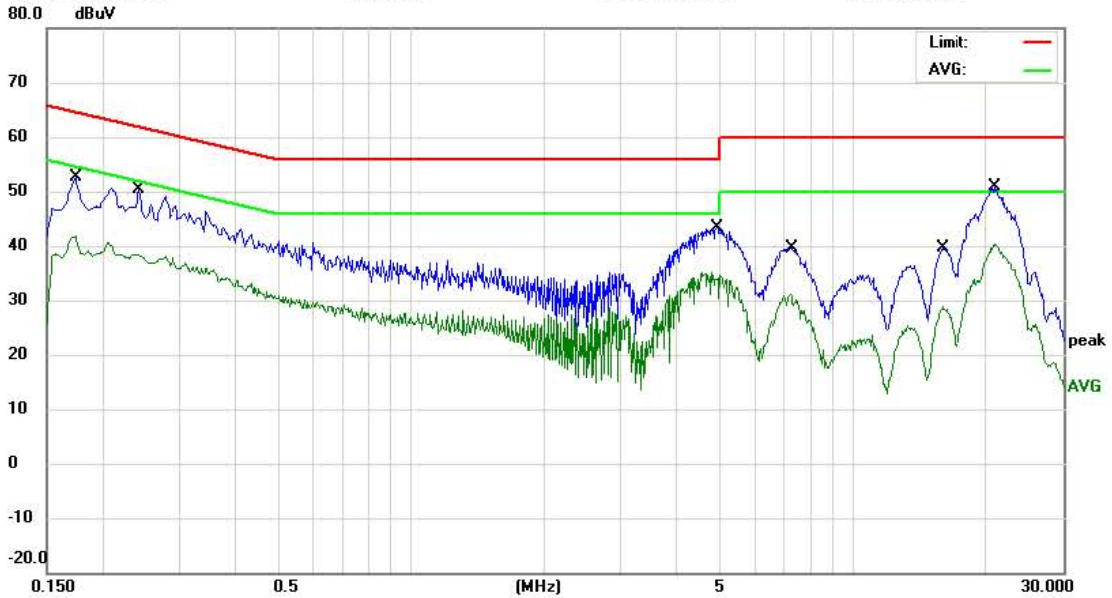




Address: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park  
 Guangdong, China  
 Tel: 0755-86170306 Fax: 0755-86170310

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #13 Date: 2011/08/24 Time: 15:16:36



Site: site MOST 3M 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		0.1748	41.25	10.49	51.74	64.72	-12.98	QP	
2		0.1748	30.58	10.49	41.07	54.72	-13.65	AVG	
3		0.2430	37.48	11.71	49.19	61.99	-12.80	QP	
4		0.2430	26.51	11.71	38.22	51.99	-13.77	AVG	
5		4.8740	31.10	11.87	42.97	56.00	-13.03	QP	
6		4.8740	21.89	11.87	33.76	46.00	-12.24	AVG	
7		7.3260	28.91	10.60	39.51	60.00	-20.49	QP	
8		7.3260	18.92	10.60	29.52	50.00	-20.48	AVG	
9		16.1140	30.60	9.00	39.60	60.00	-20.40	QP	
10		16.1140	19.29	9.00	28.29	50.00	-21.71	AVG	
11	*	20.8819	40.95	9.00	49.95	60.00	-10.05	QP	
12		20.8819	30.78	9.00	39.78	50.00	-10.22	AVG	

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

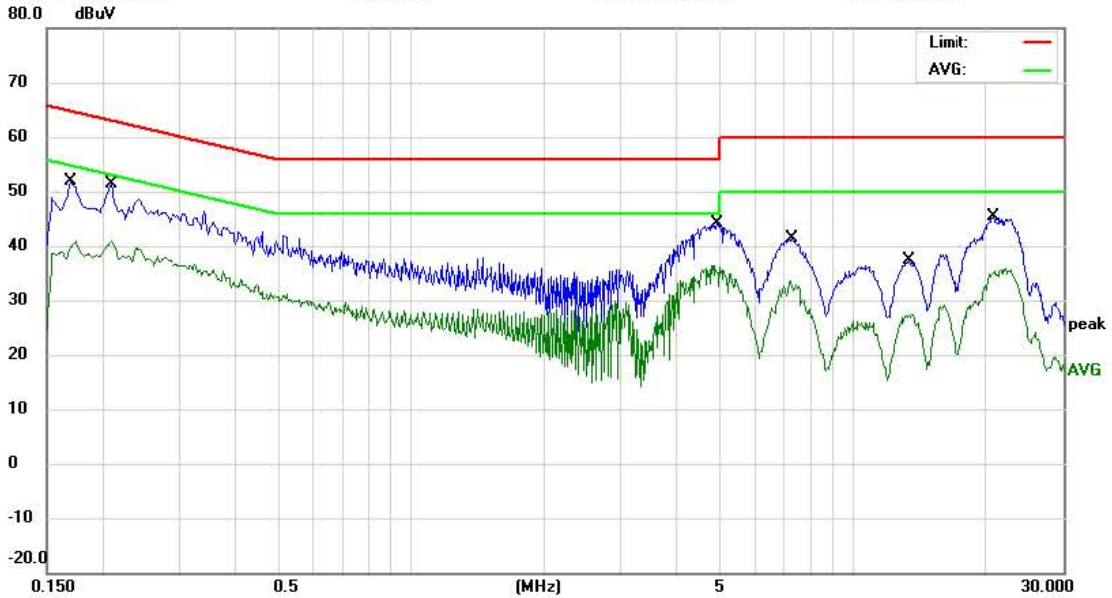
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #14 Date: 2011/08/24 Time: 15:28:49



Site: site MOST 3M 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	63.20	-11.86	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

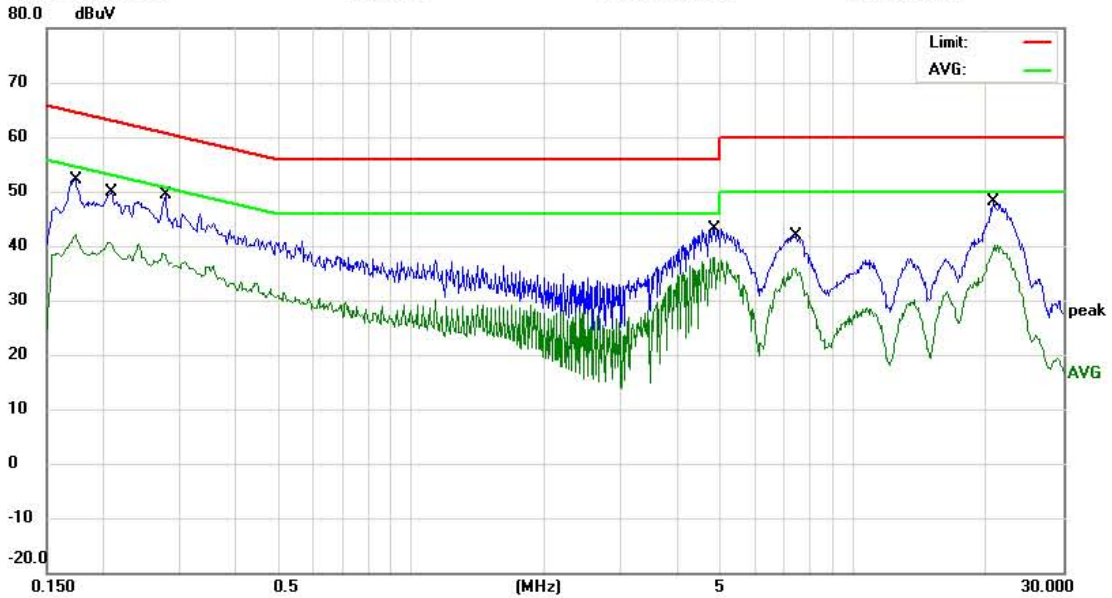
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #25 Date: 2011/08/24 Time: 17:18:27



Site: site MOST 3M 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	64.76	-12.58	QP	
2		0.2100	37.87	11.93	49.80	63.20	-13.40	QP	
3	*	0.2779	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

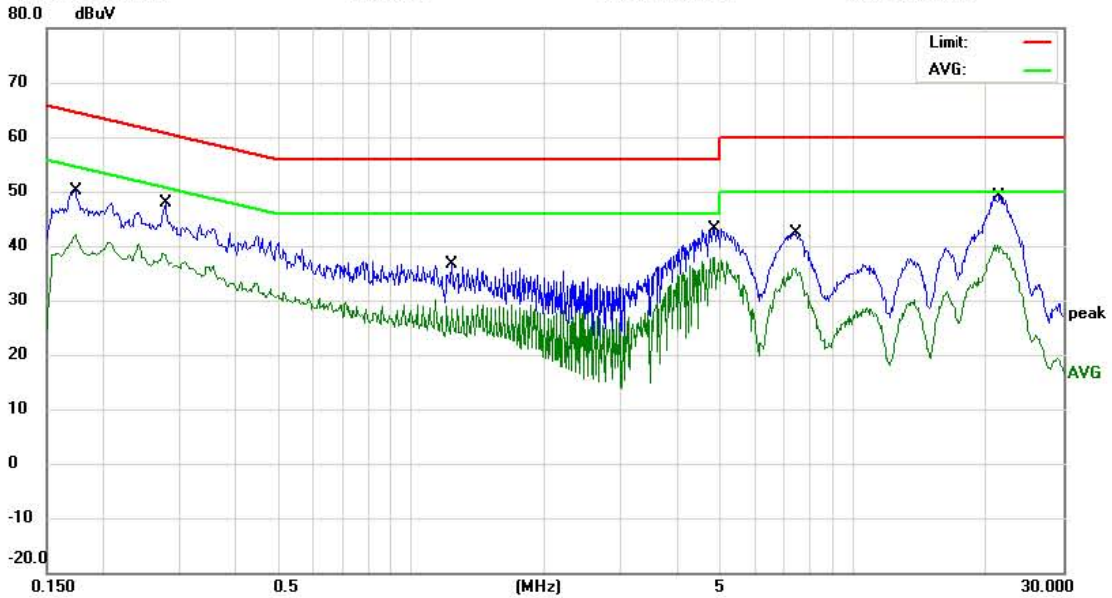
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #26 Date: 2011/08/24 Time: 17:25:12



Site: site MOST 3M 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	64.76	-14.58	QP	
2		0.2779	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

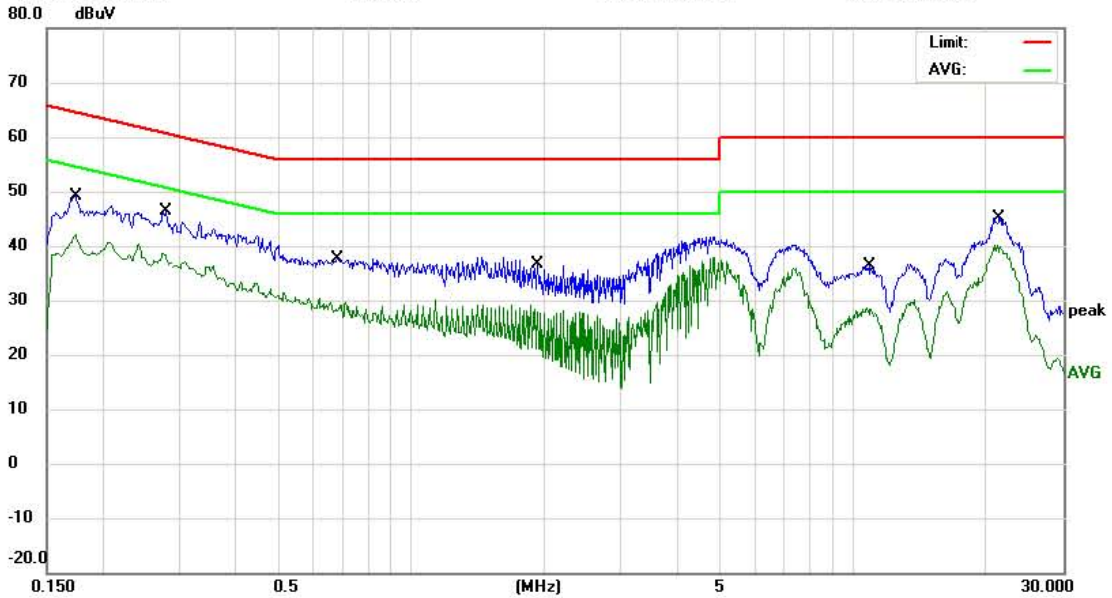
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #27 Date: 2011/08/24 Time: 17:34:32



Site: site MOST 3M Phase: **N** Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %  
 EUT: LCD TV  
 M/N: PDI-P19LCDC  
 Mode: DTV-14  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	38.74	10.44	49.18	64.76	-15.58	QP	
2	*	0.2779	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

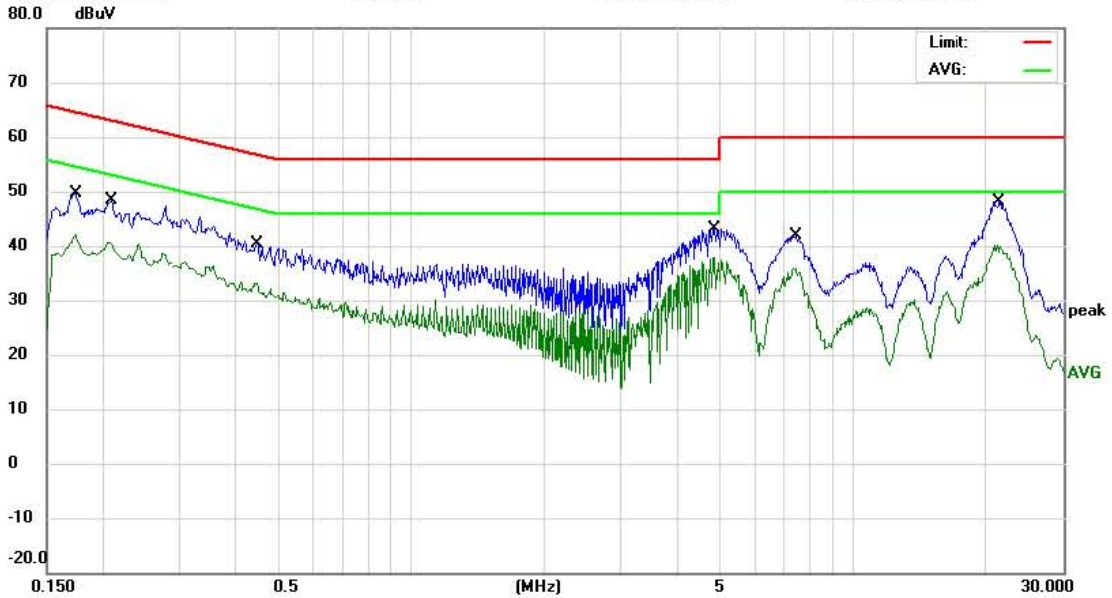
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #28 Date: 2011/08/24 Time: 17:42:12



Site: site MOST 3M Phase: L1 Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %  
 EUT: LCD TV  
 M/N: PDI-P19LCDC  
 Mode: DTV-14  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	39.24	10.44	49.68	64.76	-15.08	QP	
2		0.2100	36.37	11.93	48.30	63.20	-14.90	QP	
3		0.4500	30.07	10.33	40.40	56.87	-16.47	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

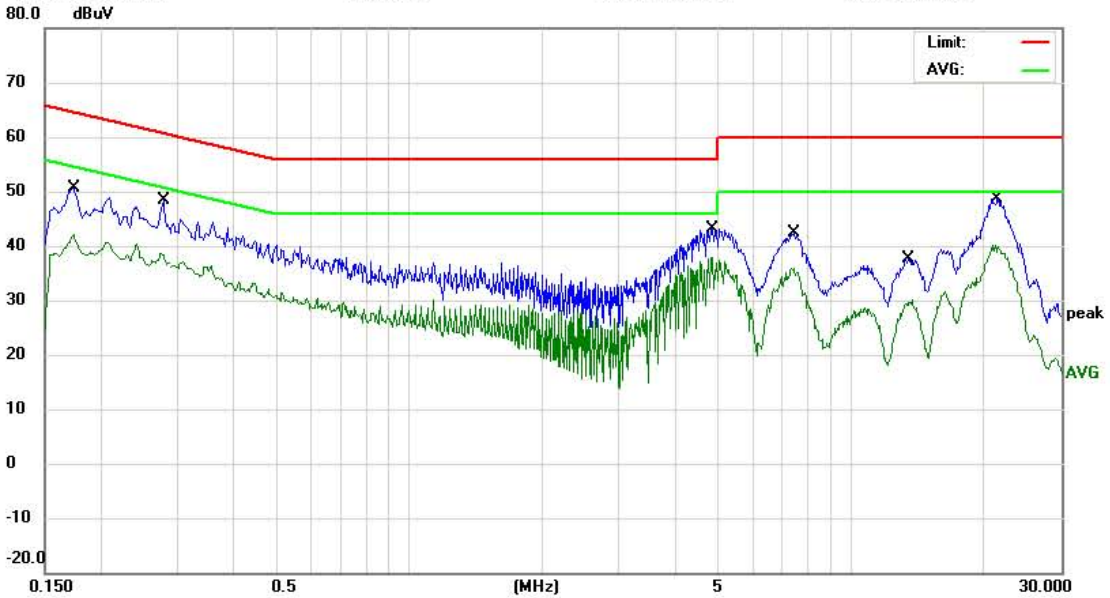
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #29 Date: 2011/08/24 Time: 17:53:52



Site: site MOST 3M 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	64.76	-14.08	QP	
2		0.2779	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

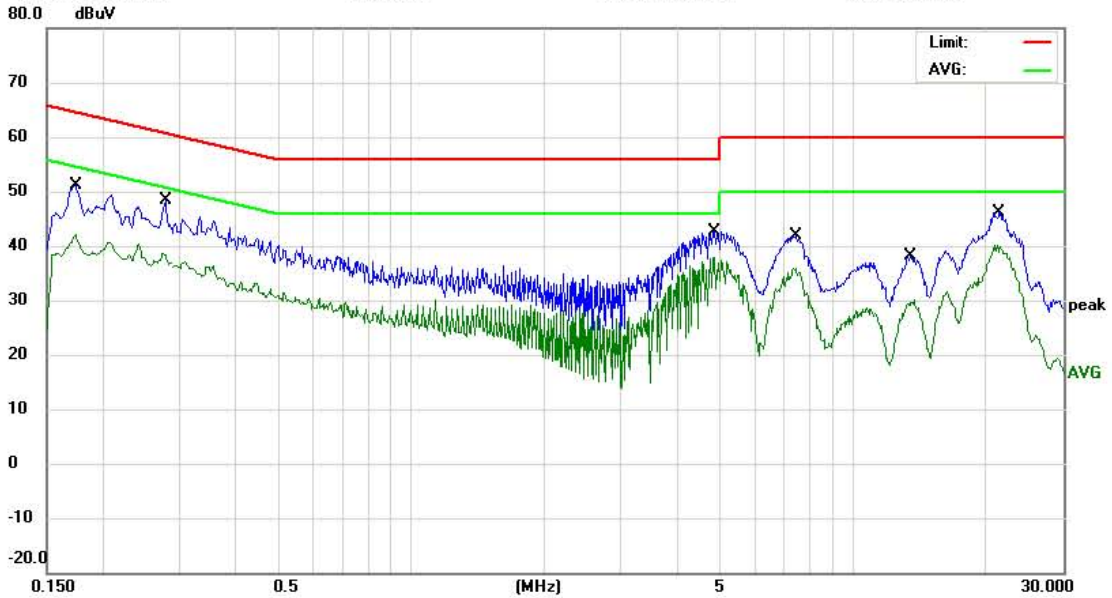
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #30 Date: 2011/08/24 Time: 18:05:09



Site: site MOST 3M Phase: **N** 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	40.74	10.44	51.18	64.76	-13.58	QP	
2	*	0.2779	36.88	11.48	48.36	60.88	-12.52	QP	
3		4.8980	30.83	11.90	42.73	56.00	-13.27	QP	
4		7.4860	31.35	10.51	41.86	60.00	-18.14	QP	
5		13.4500	29.07	9.00	38.07	60.00	-21.93	QP	
6		21.5260	37.17	9.00	46.17	60.00	-13.83	QP	

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

Engineer Signature: Lex.Cai

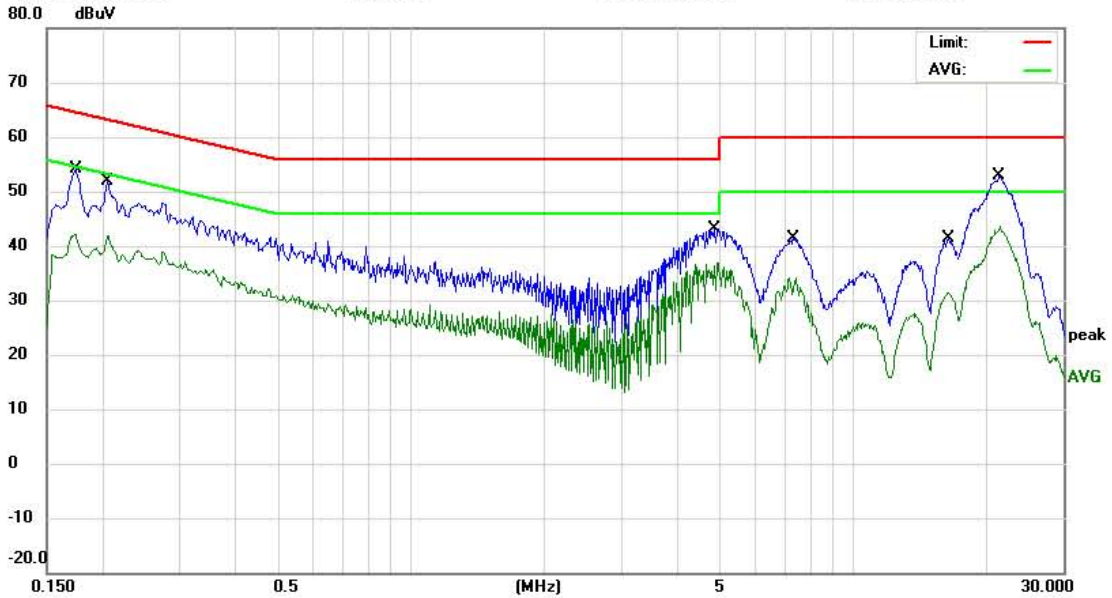




Address: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park  
 Guangdong, China  
 Tel: 0755-86170306 Fax: 0755-86170310

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #23 Date: 2011/08/24 Time: 16:52:23



Site: site MOST 3M Phase: N Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %  
 EUT: LCD TV  
 M/N: PDI-P19LCDC  
 Mode: USB Recording  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1720	42.82	10.32	53.14	64.86	-11.72	QP	
2		0.1720	31.66	10.32	41.98	54.86	-12.88	AVG	
3		0.2060	39.92	11.96	51.88	63.36	-11.48	QP	
4		0.2060	30.02	11.96	41.98	53.36	-11.38	AVG	
5		4.8900	30.84	11.89	42.73	56.00	-13.27	QP	
6		4.8900	24.43	11.89	36.32	46.00	-9.68	AVG	
7		7.4060	30.54	10.56	41.10	60.00	-18.90	QP	
8		7.4060	22.74	10.56	33.30	50.00	-16.70	AVG	
9		16.1740	30.95	9.00	39.95	60.00	-20.05	QP	
10		16.1740	21.95	9.00	30.95	50.00	-19.05	AVG	
11		21.5060	43.76	9.00	52.76	60.00	-7.24	QP	
12	*	21.5060	33.89	9.00	42.89	50.00	-7.11	AVG	

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

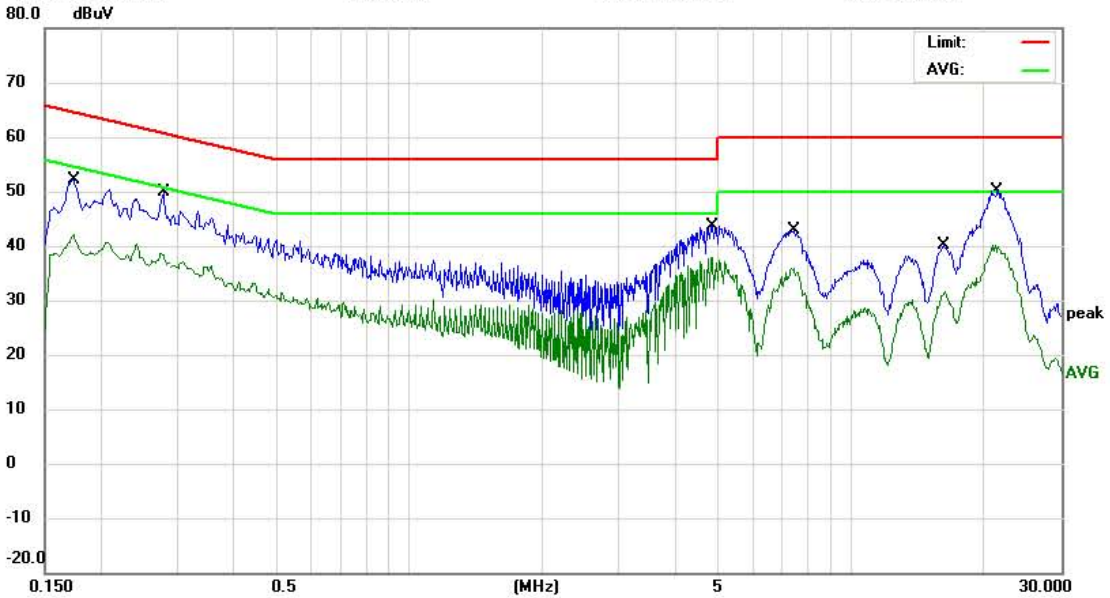
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #24 Date: 2011/08/24 Time: 17:07:24



Site: site MOST 3M Phase: **L1** Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %  
 EUT: LCD TV  
 M/N: PDI-P19LCDC  
 Mode: USB Recording  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1720	41.50	10.32	51.82	64.86	-13.04	QP	
2		0.1720	31.11	10.32	41.43	54.86	-13.43	AVG	
3		0.2787	36.78	11.48	48.26	60.85	-12.59	QP	
4		0.2787	26.50	11.48	37.98	50.85	-12.87	AVG	
5		4.8980	31.83	11.90	43.73	56.00	-12.27	QP	
6	*	4.8980	25.46	11.90	37.36	46.00	-8.64	AVG	
7		7.3780	31.99	10.57	42.56	60.00	-17.44	QP	
8		7.3780	25.00	10.57	35.57	50.00	-14.43	AVG	
9		16.2099	31.23	9.00	40.23	60.00	-19.77	QP	
10		16.2099	22.16	9.00	31.16	50.00	-18.84	AVG	
11		21.3540	40.15	9.00	49.15	60.00	-10.85	QP	
12		21.3540	31.01	9.00	40.01	50.00	-9.99	AVG	

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

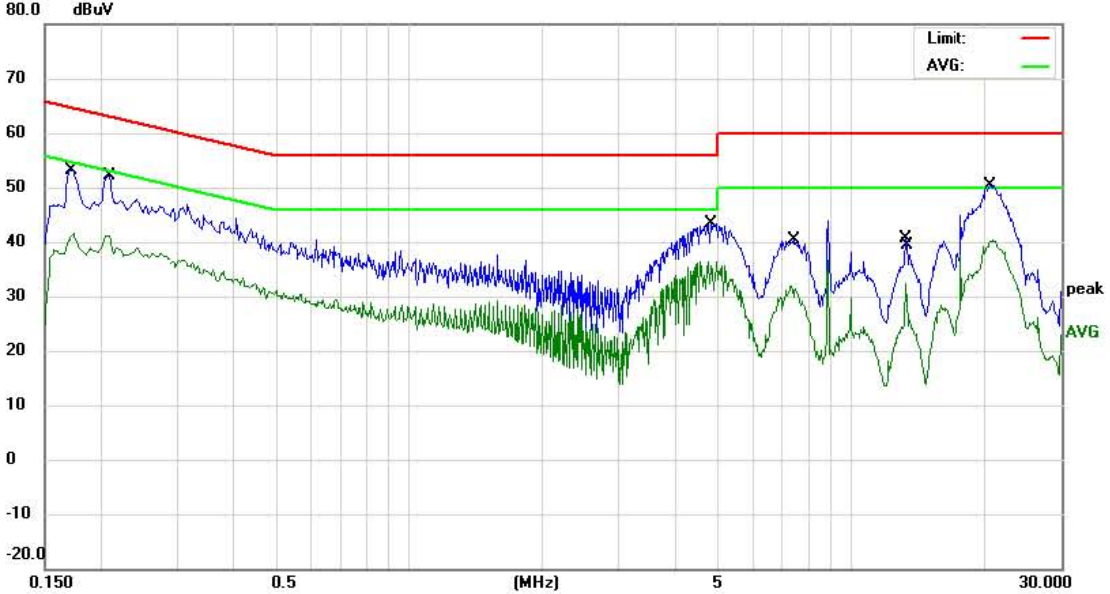
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #7 Date: 2011/08/24 Time: 14:25:43



Site: site MOST 3M Phase: N Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %  
 EUT: LCD TV  
 M/N: PDI-P19LCDC  
 Mode: HDMI IN  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1731	42.62	10.39	53.01	64.81	-11.80	QP	
2		0.1731	30.94	10.39	41.33	54.81	-13.48	AVG	
3		0.2071	40.08	11.95	52.03	63.32	-11.29	QP	
4		0.2071	29.13	11.95	41.08	53.32	-12.24	AVG	
5		4.8300	31.44	11.83	43.27	56.00	-12.73	QP	
6		4.8300	23.90	11.83	35.73	46.00	-10.27	AVG	
7		7.4780	29.16	10.51	39.67	60.00	-20.33	QP	
8		7.4780	20.48	10.51	30.99	50.00	-19.01	AVG	
9	*	20.7939	41.40	9.00	50.40	60.00	-9.60	QP	
10		20.7939	31.14	9.00	40.14	50.00	-9.86	AVG	
11		13.3380	30.45	9.00	39.45	60.00	-20.55	QP	
12		13.4860	15.68	9.00	24.68	50.00	-25.32	AVG	

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

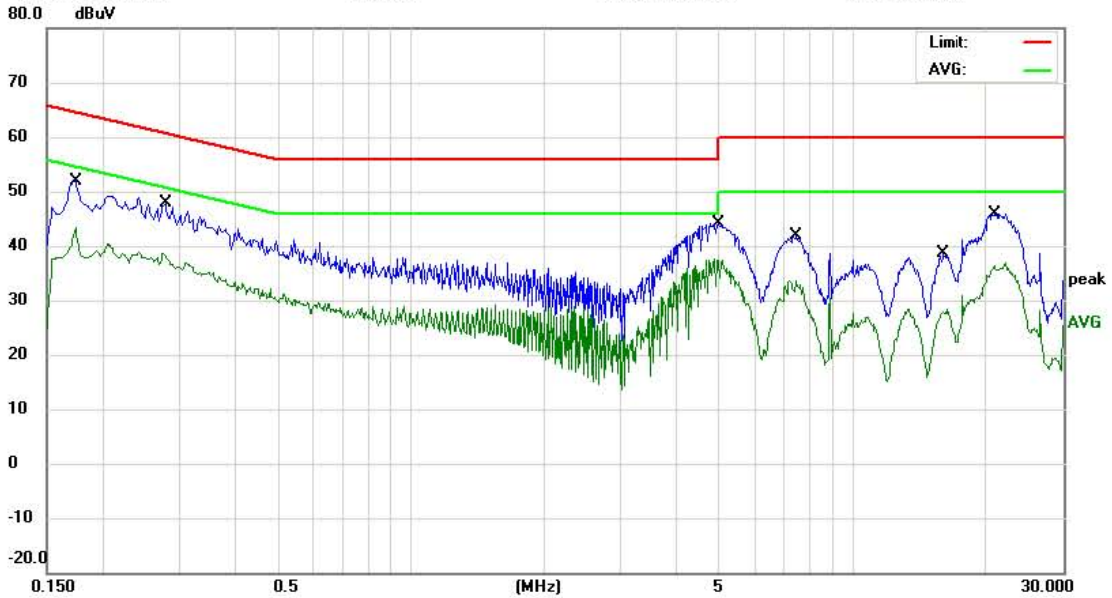
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #8 Date: 2011/08/24 Time: 14:37:47



Site: site MOST 3M Phase: **L1** Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %  
 EUT: LCD TV  
 M/N: PDI-P19LCDC  
 Mode: HDMI IN  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	41.55	10.44	51.99	64.76	-12.77	QP	
2		0.2779	36.37	11.48	47.85	60.88	-13.03	QP	
3	*	4.9660	32.19	11.97	44.16	56.00	-11.84	QP	
4		7.4820	31.29	10.51	41.80	60.00	-18.20	QP	
5		15.9740	29.69	9.00	38.69	60.00	-21.31	QP	
6		21.0060	36.94	9.00	45.94	60.00	-14.06	QP	

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

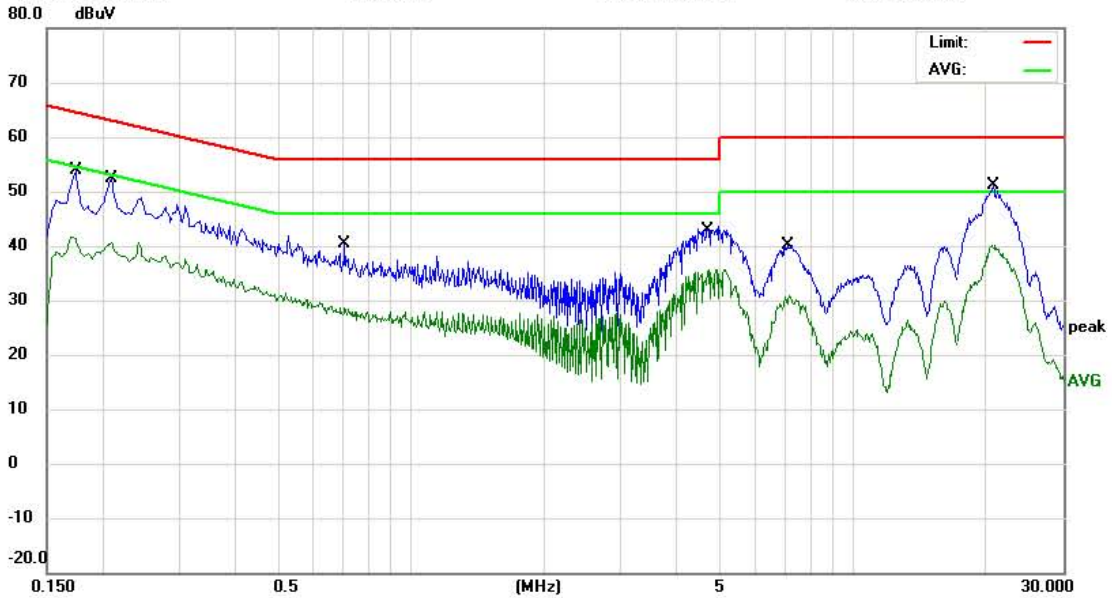
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #21 Date: 2011/08/24 Time: 16:40:56



Site: site MOST 3M Phase: **N** Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %  
 EUT: LCD TV  
 M/N: PDI-P19LCDC  
 Mode: AV IN  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	43.40	10.44	53.84	64.76	-10.92	QP	
2		0.1740	31.22	10.44	41.66	54.76	-13.10	AVG	
3		0.2100	40.55	11.93	52.48	63.20	-10.72	QP	
4		0.2100	28.79	11.93	40.72	53.20	-12.48	AVG	
5		0.7100	30.29	10.00	40.29	56.00	-15.71	QP	
6		0.7100	18.57	10.00	28.57	46.00	-17.43	AVG	
7		4.6740	31.10	11.67	42.77	56.00	-13.23	QP	
8		4.6740	21.20	11.67	32.87	46.00	-13.13	AVG	
9		7.1620	28.87	10.70	39.57	60.00	-20.43	QP	
10		7.1620	19.46	10.70	30.16	50.00	-19.84	AVG	
11		21.1460	40.43	9.00	49.43	60.00	-10.57	QP	
12	*	21.1460	31.18	9.00	40.18	50.00	-9.82	AVG	

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

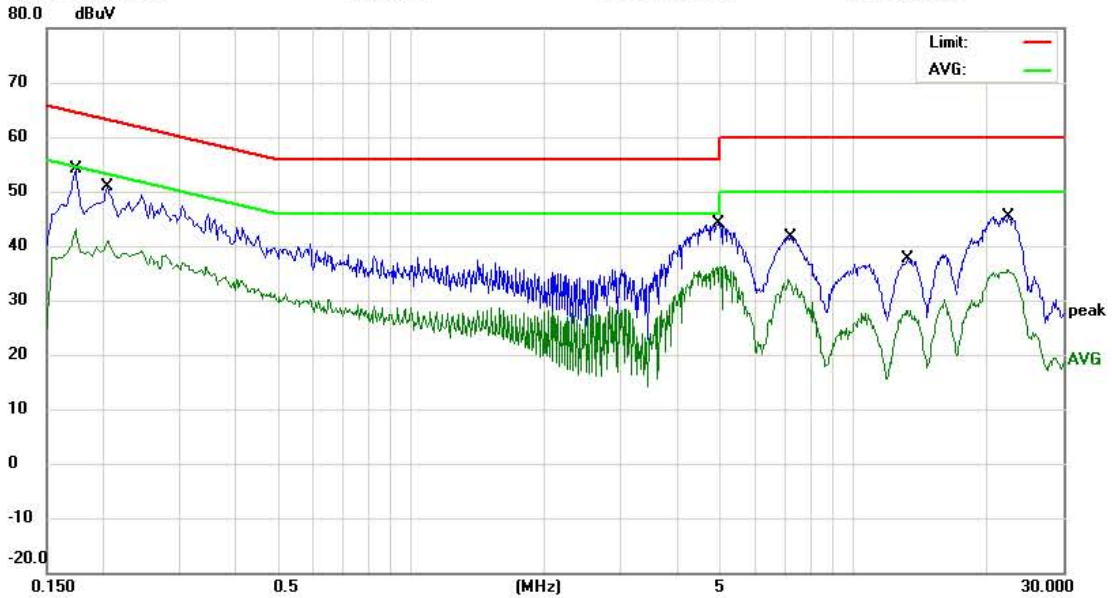
Engineer Signature: Lex.Cai



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

**Conducted Emission Measurement**

File: PDI-P19LCDC Data: #22 Date: 2011/08/24 Time: 16:47:01



Site: site MOST 3M Phase: **L1** Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: 1 Humidity: 60 %  
 EUT: LCD TV  
 M/N: PDI-P19LCDC  
 Mode: AV IN  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1740	43.74	10.44	54.18	64.76	-10.58	QP	
2		0.2060	38.87	11.96	50.83	63.36	-12.53	QP	
3		4.9540	32.06	11.95	44.01	56.00	-11.99	QP	
4		7.2380	30.93	10.66	41.59	60.00	-18.41	QP	
5		13.3260	28.64	9.00	37.64	60.00	-22.36	QP	
6		22.6420	36.36	9.00	45.36	60.00	-14.64	QP	

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

Engineer Signature: Lex.Cai

## 6. TEST RADIATED EMISSION REQUIREMENT

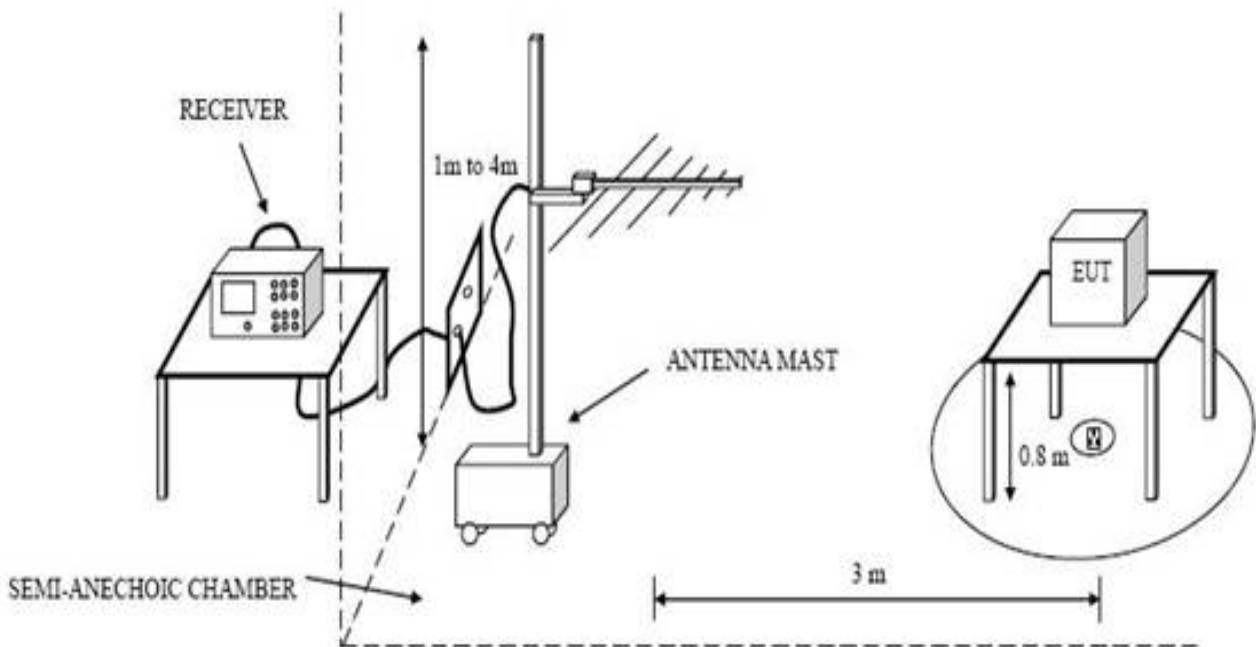
### 6.1 Limits Of Radiated Disturbances At 3m Distances For Class B

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.

<b>Preliminary Radiated Emission Test</b>			
Frequency Range Investigated		30MHz to 5000MHz	
Mode of operation	Details	Phase	Date#
VGA Display	800*600	H/V	<b>Page 41- Page 52</b>
	1024*768	H/V	
	1280*1024	H/V	
FM	88.1MHz	H/V	<b>Page 53- Page 64</b>
	98.1MHz	H/V	
	107.9MHz	H/V	
TV	(CH 02)-55.25MHz	H/V	<b>Page 65- Page 88</b>
	(CH 14)-471.25MHz	H/V	
	(CH 69)-801.25MHz	H/V	
DTV	(CH 02-1)-57MHz	H/V	
	(CH 14-1)-473MHz	H/V	
	(CH 69-1)-803MHz	H/V	
USB Recording	/	H/V	<b>Page 89- Page 92</b>
HDMI Playing	/	H/V	<b>Page 93- Page 96</b>
AV IN	/	H/V	<b>Page 97- Page 100</b>

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