



## 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-P32LCDE

**Brand Name:** N/A

**FCC ID:** WQ5P32LCED

**Date of Issue:** Jul.09, 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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## TABLE OF CONTENTS

<b>1.VERIFICATION OF CONFORMITY .....</b>	<b>3</b>
<b>2.GENERAL INFORMATION .....</b>	<b>4</b>
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
<b>3.TEST FACILITY.....</b>	<b>5</b>
3.1 TEST FACILITY.....	5
3.2 GENERAL TEST PROCEDURES .....	5
<b>4.SETUP OF EQUIPMENT UNDER TEST .....</b>	<b>6</b>
4.1 SUPPORT EQUIPMENT .....	6
4.2 TEST EQUIPMENT LIST.....	6
<b>5.TEST REQUIREMENTS .....</b>	<b>7</b>
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
<b>6.TEST RADIATED EMISSION REQUIREMENT .....</b>	<b>39</b>
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
<b>7.ANTENNA CONDUCTED POWER.....</b>	<b>101</b>
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-P32LCDE

FCC ID: WQ5P32LCDE

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: Jul. 06, 2011-Jul.08, 2011

Deviation: None

Condition of Test Normal

Sample:

Test Result: PASS

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

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

Test by: Candy (Candy Zhang)

Reviewed by: key (Key Wang)

Approved by: Yvette Zhou (Yvette Zhou)

## 2. GENERAL INFORMATION

### 2.1 Product Information

*Display*      *T315XW04 VI*

*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	2011-07-06
2	15.109	Radiated emission	Pass	2011-07-07
3	15.111	Antenna power conducted limit for receiver	Pass	2011-07-08

### 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	DCSM	5P3842X
Mouse	Dell	D PPID	MS111-L
Keyboard	Dell	L100	U01C
USB flash drive	kingston	DT101 G2	5276930
ATV generator	Philips	PM5418 TNS	609114
DTV generator	Teleview	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 soure	KIKUSUI	AC40MA	LM003232	Mar. 06, 2011	1 Year
AMN	Rohde&schwarz	ESH3-Z5	100229	Mar. 06, 2011	1 Year
Spectrum analyzer	Agilent	E4408B	MY414404 60	Mar. 06, 2011	1 Year
ATV generator	Philips	PM5418 TNS	609114	Mar. 13.2011	1 Year
DTV generator	Teleview	DTA110T	4110576337	Mar. 13.2011	1 Year

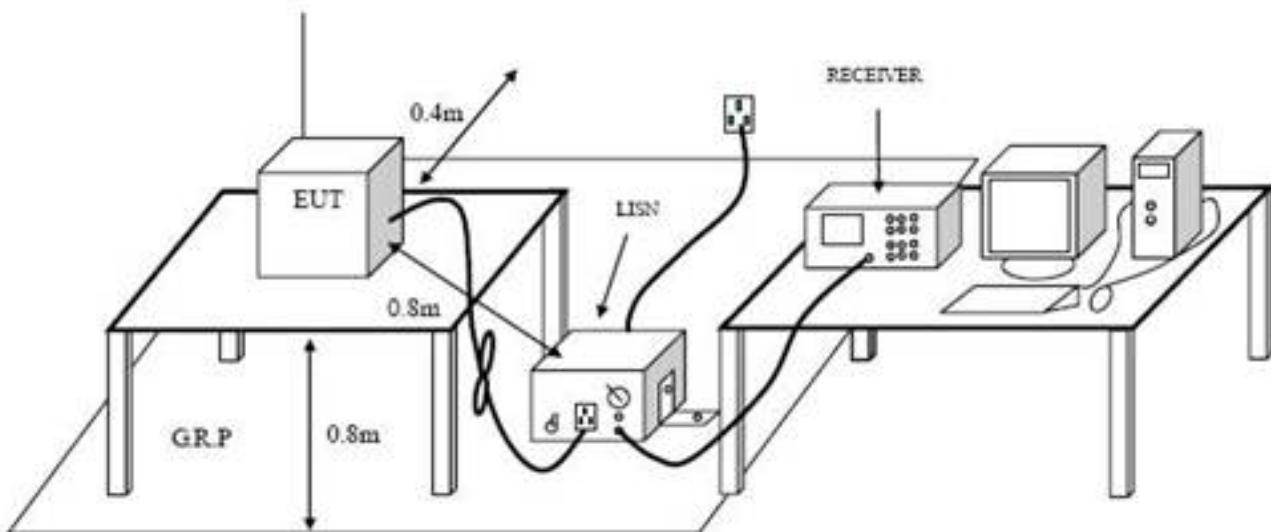
## 5. TEST REQUIREMENTS

### 5.1 Limits Of Line Conducted Emission Test

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

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

### 5.2 Block Diagram Of Test Setup



### 5.3 Preliminary Procedure Of Line Conducted Emission Test

- 1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height 0.8 meters is used and is placed on the ground plane as per FCC 15 (see Test Facility for the dimensions of the ground plane 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 AC120V/60Hz power through a Line Impedance Stabilization network (LISN) which supplied power source and was grounded to the ground plane.
- 5) All support equipments received power from a second LISN supplying power of AC 120V/60Hz, if any.
- 6) The EUT Test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer /Receiver connected to the LISN powering the EUT. The LISN 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	
	1920*1080	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 Display	/	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

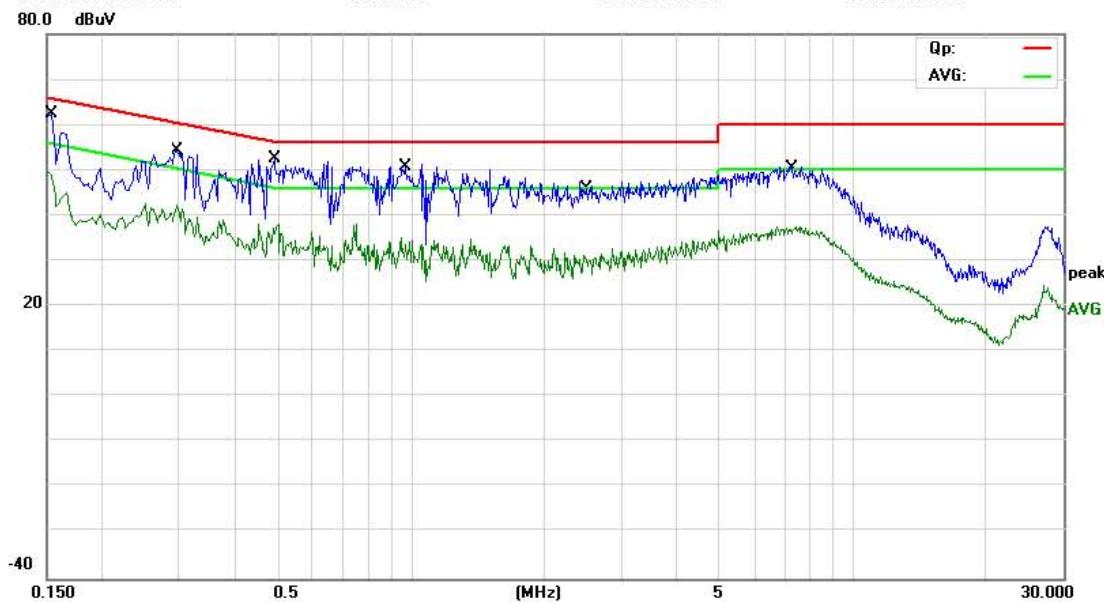
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data #: #38

Date: 11/07/05/

Time: 17/28/06



Site: site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: Running "H" Pattern

Note: VGA:800\*600 75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dB			
1	*	0.1524	52.98	9.14	62.12	65.87	-3.75	QP	
2		0.1524	40.04	9.14	49.18	55.87	-6.69	AVG	
3		0.2987	42.46	11.34	53.80	60.28	-6.48	QP	
4		0.2987	30.47	11.34	41.81	50.28	-8.47	AVG	
5		0.4940	40.86	10.04	50.90	56.10	-5.20	QP	
6		0.4940	26.05	10.04	36.09	46.10	-10.01	AVG	
7		0.9660	39.33	10.00	49.33	56.00	-6.67	QP	
8		0.9660	20.98	10.00	30.98	46.00	-15.02	AVG	
9		2.5060	36.46	9.51	45.97	56.00	-10.03	QP	
10		2.5060	20.96	9.51	30.47	46.00	-15.53	AVG	
11		7.3620	37.70	10.58	48.28	60.00	-11.72	QP	
12		7.3620	26.50	10.58	37.08	50.00	-12.92	AVG	

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

Engineer Signature: Ricky



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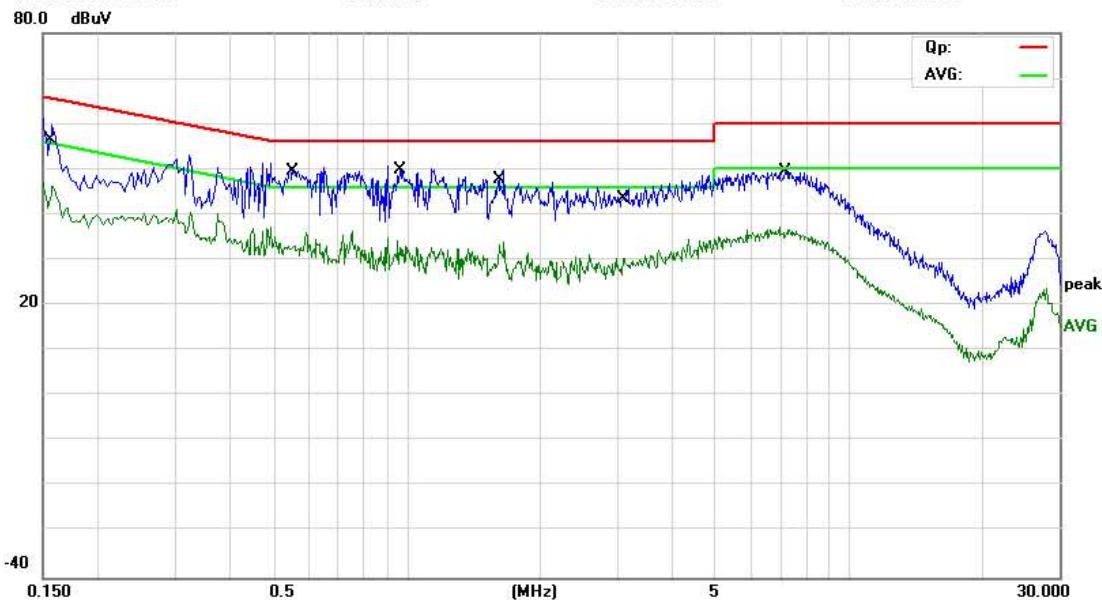
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #39

Date: 11/07/05/

Time: 17/29/19



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: Running "H" Pattern

Note: VGA:800\*600 75Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1540	43.99	9.24	53.23	65.78	-12.55	QP	
2		0.1540	33.08	9.24	42.32	55.78	-13.46	AVG	
3		0.5580	39.21	10.00	49.21	56.00	-6.79	QP	
4		0.5580	22.99	10.00	32.99	46.00	-13.01	AVG	
5	*	0.9660	39.84	10.00	49.84	56.00	-6.16	QP	
6		0.9660	22.62	10.00	32.62	46.00	-13.38	AVG	
7		1.6260	35.96	9.37	45.33	56.00	-10.67	QP	
8		1.6260	22.80	9.37	32.17	46.00	-13.83	AVG	
9		3.0620	32.57	10.06	42.63	56.00	-13.37	QP	
10		3.0620	17.90	10.06	27.96	46.00	-18.04	AVG	
11		7.2340	38.82	10.66	49.48	60.00	-10.52	QP	
12		7.2340	25.48	10.66	36.14	50.00	-13.86	AVG	

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

Engineer Signature: Ricky



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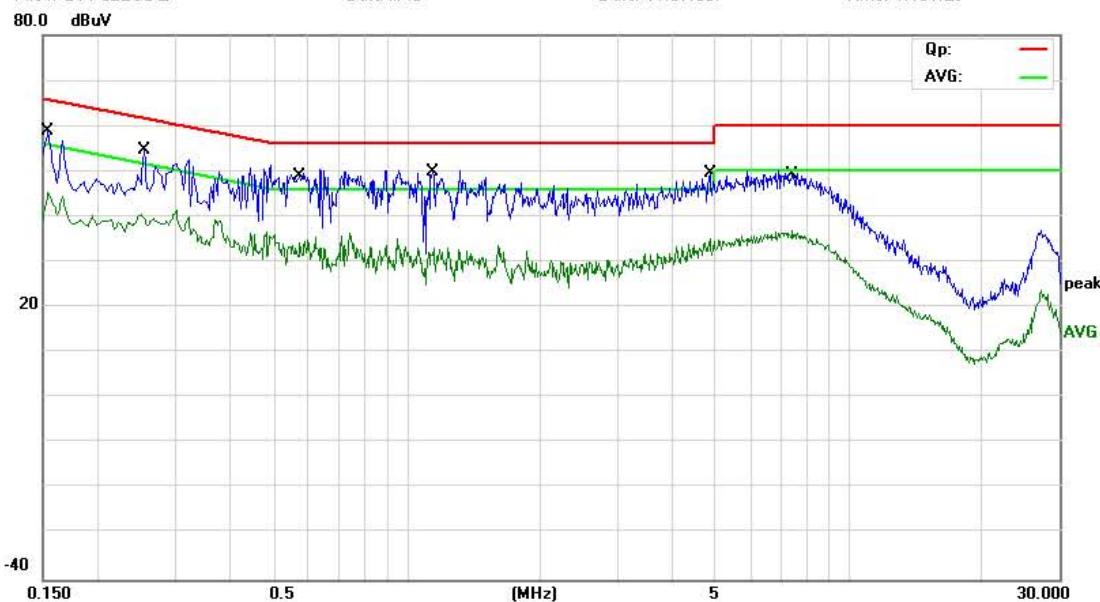
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data #: #40

Date: 11/07/05/

Time: 17/31/29



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

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	Over	
								Detector	Comment
1		0.1540	49.71	9.24	58.95	65.78	-6.83	QP	
2		0.1540	36.23	9.24	45.47	55.78	-10.31	AVG	
3		0.2540	42.93	11.64	54.57	61.63	-7.06	QP	
4		0.2540	28.13	11.64	39.77	51.63	-11.86	AVG	
5		0.5700	38.23	10.00	48.23	56.00	-7.77	QP	
6		0.5700	21.18	10.00	31.18	46.00	-14.82	AVG	
7	*	1.1460	39.96	9.85	49.81	56.00	-6.19	QP	
8		1.1460	21.68	9.85	31.53	46.00	-14.47	AVG	
9		4.8380	36.56	11.84	48.40	56.00	-7.60	QP	
10		4.8380	22.50	11.84	34.34	46.00	-11.66	AVG	
11		7.3820	37.37	10.57	47.94	60.00	-12.06	QP	
12		7.3820	25.27	10.57	35.84	50.00	-14.16	AVG	

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

Engineer Signature: Ricky



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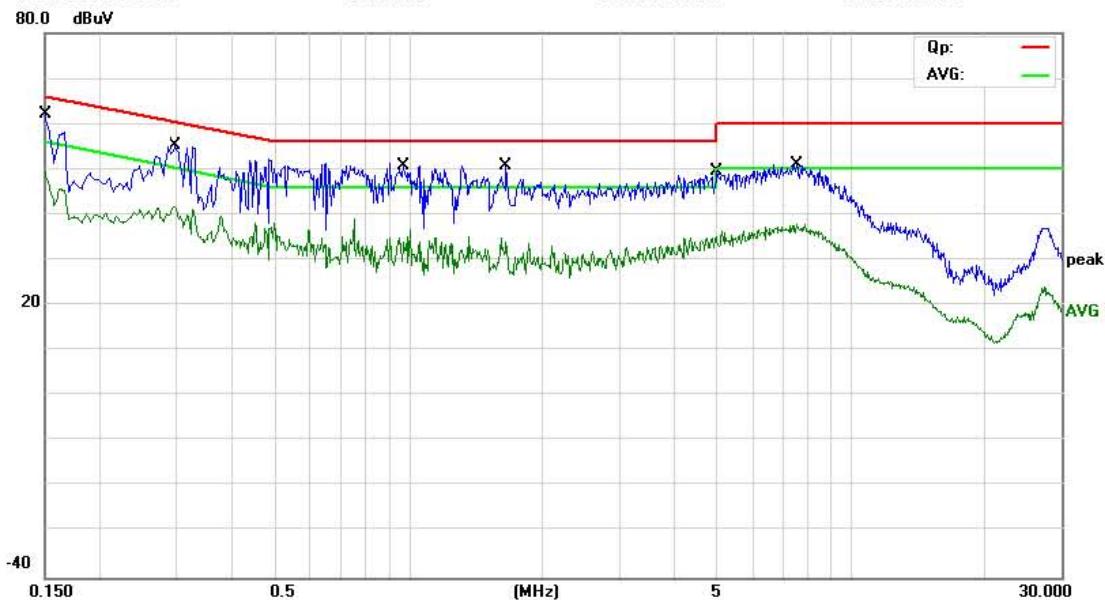
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #41

Date: 11/07/05/

Time: 17:32:40



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: Running "H" Pattern

Note: VGA:1024\*768 60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1500	53.09	9.00	62.09	66.00	-3.91	QP	
2		0.1500	40.47	9.00	49.47	56.00	-6.53	AVG	
3		0.2980	43.88	11.35	55.23	60.30	-5.07	QP	
4		0.2980	30.52	11.35	41.87	50.30	-8.43	AVG	
5		0.9660	38.33	10.00	48.33	56.00	-7.67	QP	
6		0.9660	19.65	10.00	29.65	46.00	-16.35	AVG	
7		1.6620	41.40	9.34	50.74	56.00	-5.26	QP	
8		1.6620	24.60	9.34	33.94	46.00	-12.06	AVG	
9		4.9140	32.73	11.91	44.64	56.00	-11.36	QP	
10		4.9140	20.89	11.91	32.80	46.00	-13.20	AVG	
11		7.4980	39.20	10.50	49.70	60.00	-10.30	QP	
12		7.4980	25.66	10.50	36.16	50.00	-13.84	AVG	

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

Engineer Signature: Ricky



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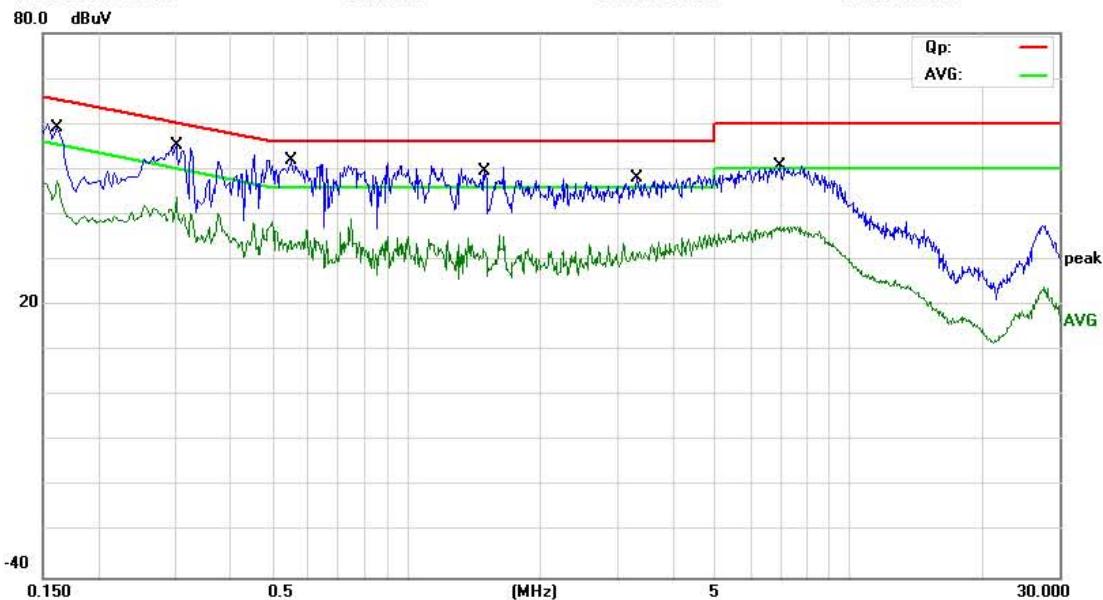
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #42

Date: 11/07/05/

Time: 17:34:54



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: Running "H" Pattern

Note: VGA:1920\*1080 60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV				
1		0.1621	48.91	9.73	58.64	65.36	-6.72	QP	
2		0.1621	37.10	9.73	46.83	55.36	-8.53	AVG	
3		0.3003	43.23	11.33	54.56	60.23	-5.67	QP	
4		0.3003	30.23	11.33	41.56	50.23	-8.67	AVG	
5	*	0.5500	41.85	10.00	51.85	56.00	-4.15	QP	
6		0.5500	22.55	10.00	32.55	46.00	-13.45	AVG	
7		1.5020	40.12	9.50	49.62	56.00	-6.38	QP	
8		1.5020	22.22	9.50	31.72	46.00	-14.28	AVG	
9		3.3340	36.74	10.33	47.07	56.00	-8.93	QP	
10		3.3340	21.08	10.33	31.41	46.00	-14.59	AVG	
11		7.0180	39.88	10.79	50.67	60.00	-9.33	QP	
12		7.0180	25.96	10.79	36.75	50.00	-13.25	AVG	

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

Engineer Signature: Ricky



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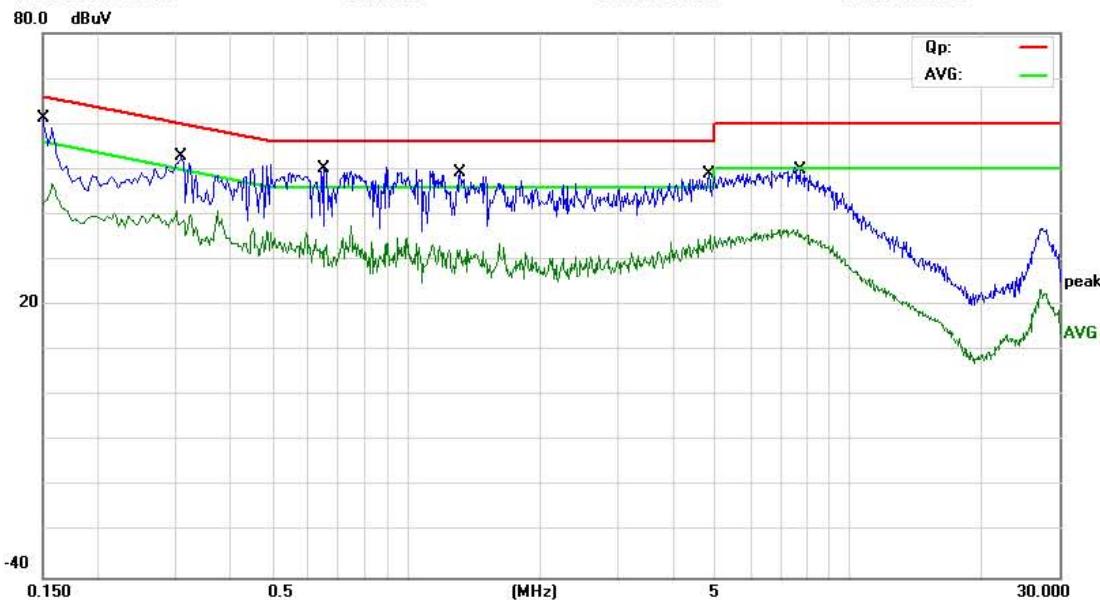
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #43

Date: 11/07/05/

Time: 17/36/02



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: Running "H" Pattern

Note: VGA:1920\*1080 60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over	
							Detector	Comment
1		0.1516	49.70	9.10	58.80	65.91	-7.11	QP
2		0.1516	33.81	9.10	42.91	55.91	-13.00	AVG
3		0.3100	41.72	11.27	52.99	59.97	-6.98	QP
4		0.3100	27.02	11.27	38.29	49.97	-11.68	AVG
5	*	0.6542	39.81	10.00	49.81	56.00	-6.19	QP
6		0.6542	22.28	10.00	32.28	46.00	-13.72	AVG
7		1.3180	39.60	9.68	49.28	56.00	-6.72	QP
8		1.3180	22.54	9.68	32.22	46.00	-13.78	AVG
9		4.8340	37.11	11.83	48.94	56.00	-7.06	QP
10		4.8340	21.85	11.83	33.68	46.00	-12.32	AVG
11		7.6140	36.45	10.43	46.88	60.00	-13.12	QP
12		7.6140	25.43	10.43	35.86	50.00	-14.14	AVG

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

Engineer Signature: Ricky



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

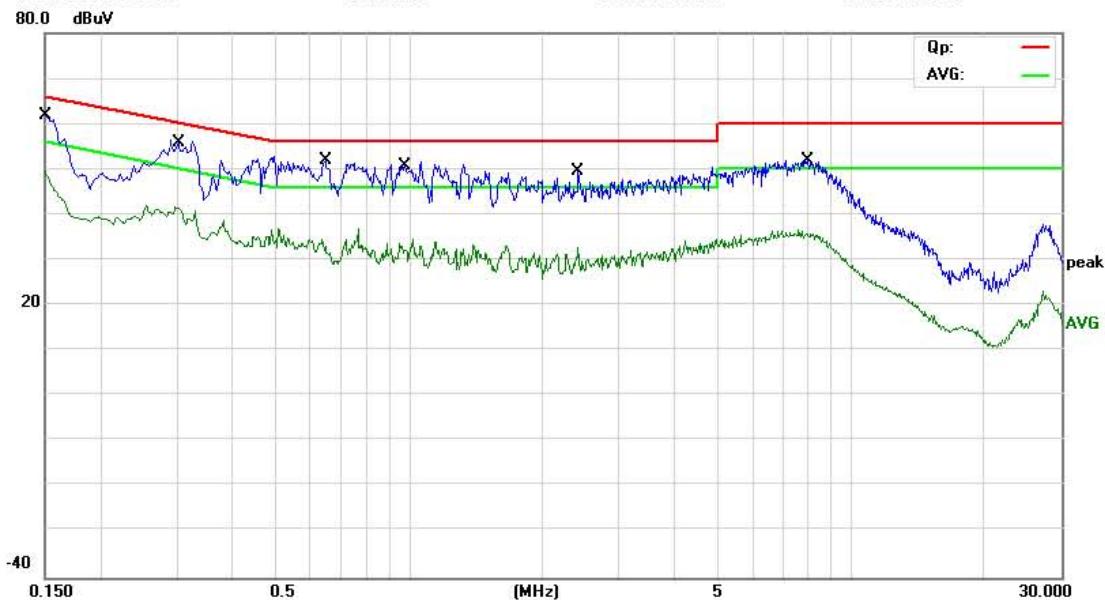
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data #: 20

Date: 11/07/05/

Time: 16/05/28



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

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		0.1524	52.05	9.14	61.19	65.87	-4.68	QP	
2		0.1524	39.09	9.14	48.23	55.87	-7.64	AVG	
3		0.2987	43.24	11.34	54.58	60.28	-5.70	QP	
4		0.2987	30.23	11.34	41.57	50.28	-8.71	AVG	
5	*	0.6460	41.59	10.00	51.59	56.00	-4.41	QP	
6		0.6460	22.26	10.00	32.26	46.00	-13.74	AVG	
7		0.9860	39.80	10.00	49.80	56.00	-6.20	QP	
8		0.9860	22.21	10.00	32.21	46.00	-13.79	AVG	
9		2.4340	40.27	9.43	49.70	56.00	-6.30	QP	
10		2.4340	23.43	9.43	32.86	46.00	-13.14	AVG	
11		7.9940	41.70	10.20	51.90	60.00	-8.10	QP	
12		7.9940	25.49	10.20	35.69	50.00	-14.31	AVG	

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

Engineer Signature: Ricky



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

### Conducted Emission Measurement

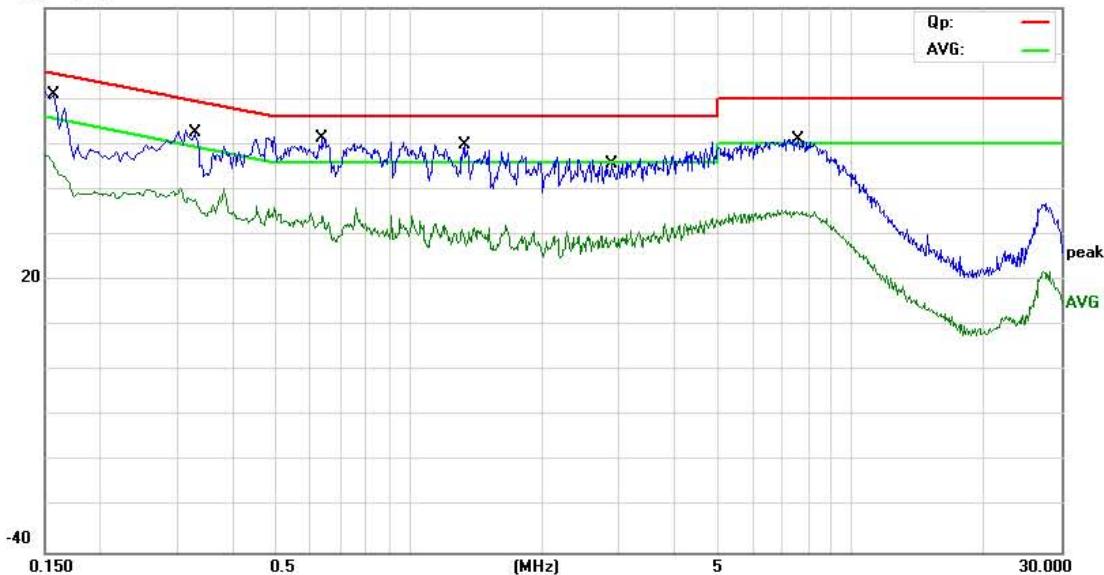
File : PDI-P32LCDE

Data #: 21

Date: 11/07/05/

Time: 16/07/22

80.0 dBuV



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: FM 88.1MHz

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1556	51.24	9.34	60.58	65.70	-5.12	QP	
2		0.1556	36.87	9.34	46.21	55.70	-9.49	AVG	
3		0.3301	40.80	11.13	51.93	59.45	-7.52	QP	
4		0.3301	26.69	11.13	37.82	49.45	-11.63	AVG	
5		0.6420	39.49	10.00	49.49	56.00	-6.51	QP	
6		0.6420	24.04	10.00	34.04	46.00	-11.96	AVG	
7		1.3420	37.36	9.66	47.02	56.00	-8.98	QP	
8		1.3420	19.30	9.66	28.96	46.00	-17.04	AVG	
9		2.8540	32.95	9.85	42.80	56.00	-13.20	QP	
10		2.8540	17.61	9.85	27.46	46.00	-18.54	AVG	
11		7.6500	38.49	10.41	48.90	60.00	-11.10	QP	
12		7.6500	24.09	10.41	34.50	50.00	-15.50	AVG	

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

Engineer Signature: Ricky



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

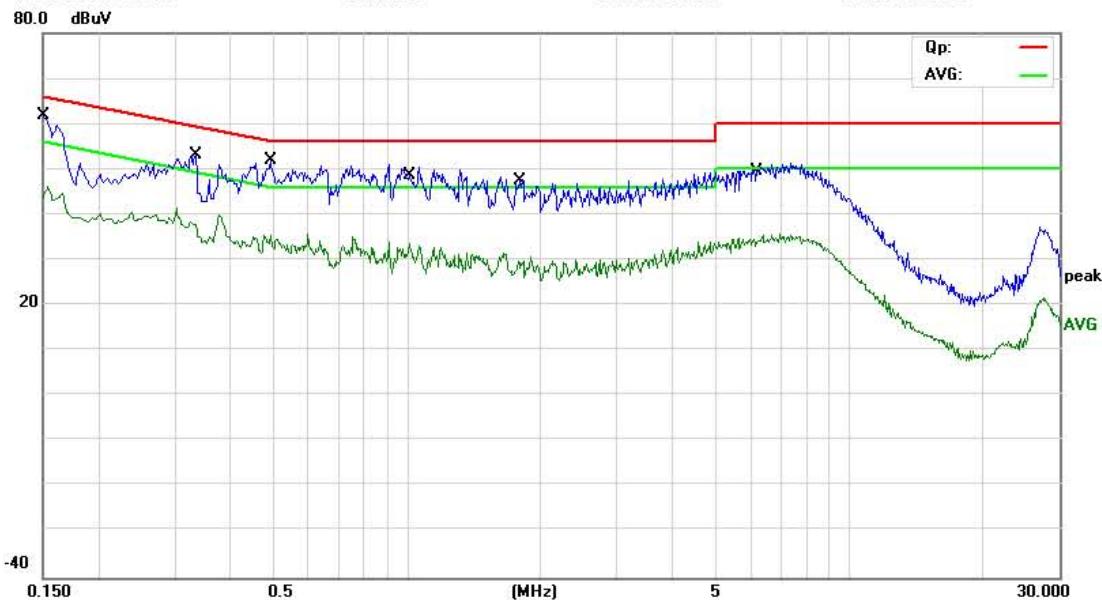
### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #22

Date: 11/07/05/

Time: 16/09/32



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: FM 98.1MHz

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1	*	0.1516	52.17	9.10	61.27	65.91	-4.64	QP	
2		0.1516	35.71	9.10	44.81	55.91	-11.10	AVG	
3		0.3321	41.40	11.12	52.52	59.40	-6.88	QP	
4		0.3321	26.64	11.12	37.76	49.40	-11.64	AVG	
5		0.4940	40.91	10.04	50.95	56.10	-5.15	QP	
6		0.4940	25.40	10.04	35.44	46.10	-10.66	AVG	
7		1.0100	37.86	9.99	47.85	56.00	-8.15	QP	
8		1.0100	21.75	9.99	31.74	46.00	-14.26	AVG	
9		1.7740	36.51	9.23	45.74	56.00	-10.26	QP	
10		1.7740	18.68	9.23	27.91	46.00	-18.09	AVG	
11		6.1740	36.18	11.30	47.48	60.00	-12.52	QP	
12		6.1740	21.80	11.30	33.10	50.00	-16.90	AVG	

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

Engineer Signature: Ricky



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

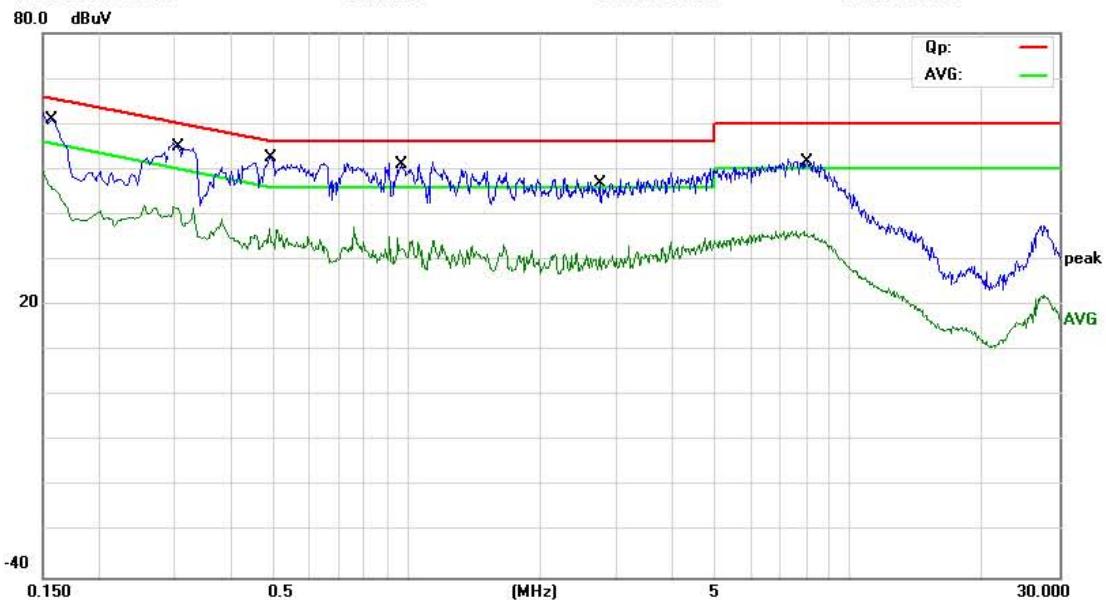
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data #: 23

Date: 11/07/05/

Time: 16/11/53



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: FM 98.1MHz

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over	
							Detector	Comment
1		0.1547	51.08	9.28	60.36	65.74	-5.38	QP
2		0.1547	37.32	9.28	46.60	55.74	-9.14	AVG
3		0.3060	43.66	11.29	54.95	60.08	-5.13	QP
4		0.3060	30.15	11.29	41.44	50.08	-8.64	AVG
5	*	0.4940	42.53	10.04	52.57	56.10	-3.53	QP
6		0.4940	23.95	10.04	33.99	46.10	-12.11	AVG
7		0.9740	41.05	10.00	51.05	56.00	-4.95	QP
8		0.9740	22.39	10.00	32.39	46.00	-13.61	AVG
9		2.6940	35.54	9.69	45.23	56.00	-10.77	QP
10		2.6940	19.76	9.69	29.45	46.00	-16.55	AVG
11		7.9380	40.16	10.24	50.40	60.00	-9.60	QP
12		7.9380	25.35	10.24	35.59	50.00	-14.41	AVG

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

Engineer Signature: Ricky



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Guangdong ,China  
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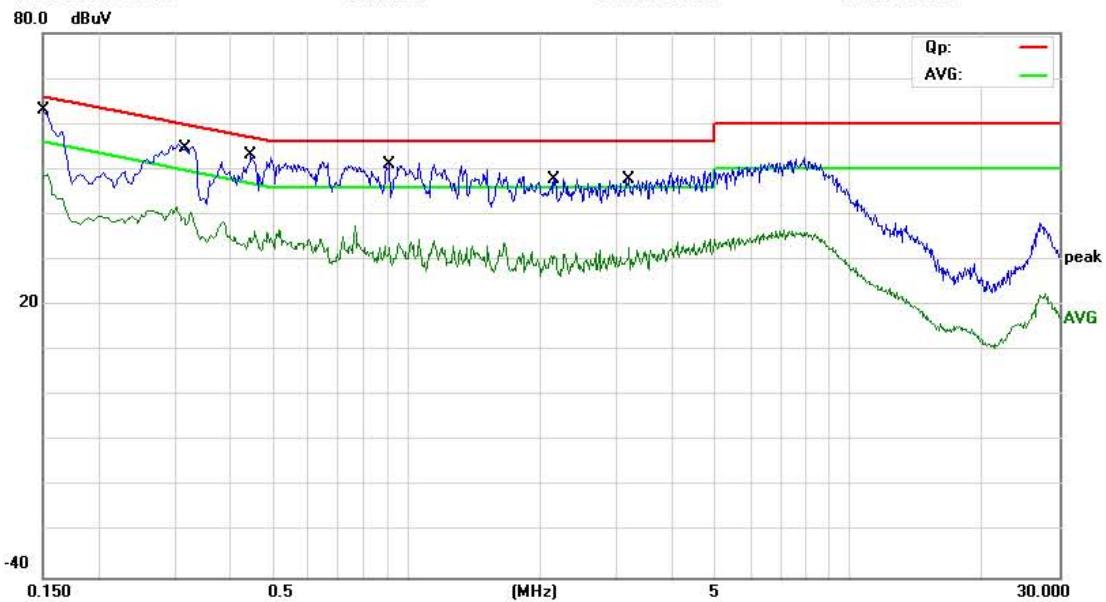
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data #: 24

Date: 11/07/05/

Time: 16/13/57



Site site #1

Phase: N

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: FM 107.9MHz

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1516	53.39	9.10	62.49	65.91	-3.42	QP	
2		0.1516	39.40	9.10	48.50	55.91	-7.41	AVG	
3		0.3200	42.67	11.20	53.87	59.71	-5.84	QP	
4		0.3200	27.01	11.20	38.21	49.71	-11.50	AVG	
5		0.4467	42.09	10.36	52.45	56.94	-4.49	QP	
6		0.4467	23.73	10.36	34.09	46.94	-12.85	AVG	
7		0.9020	40.31	10.00	50.31	56.00	-5.69	QP	
8		0.9020	20.86	10.00	30.86	46.00	-15.14	AVG	
9		2.1140	36.45	9.11	45.56	56.00	-10.44	QP	
10		2.1140	21.77	9.11	30.88	46.00	-15.12	AVG	
11		3.2100	34.76	10.21	44.97	56.00	-11.03	QP	
12		3.2100	17.76	10.21	27.97	46.00	-18.03	AVG	

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

Engineer Signature: Ricky



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Guangdong ,China  
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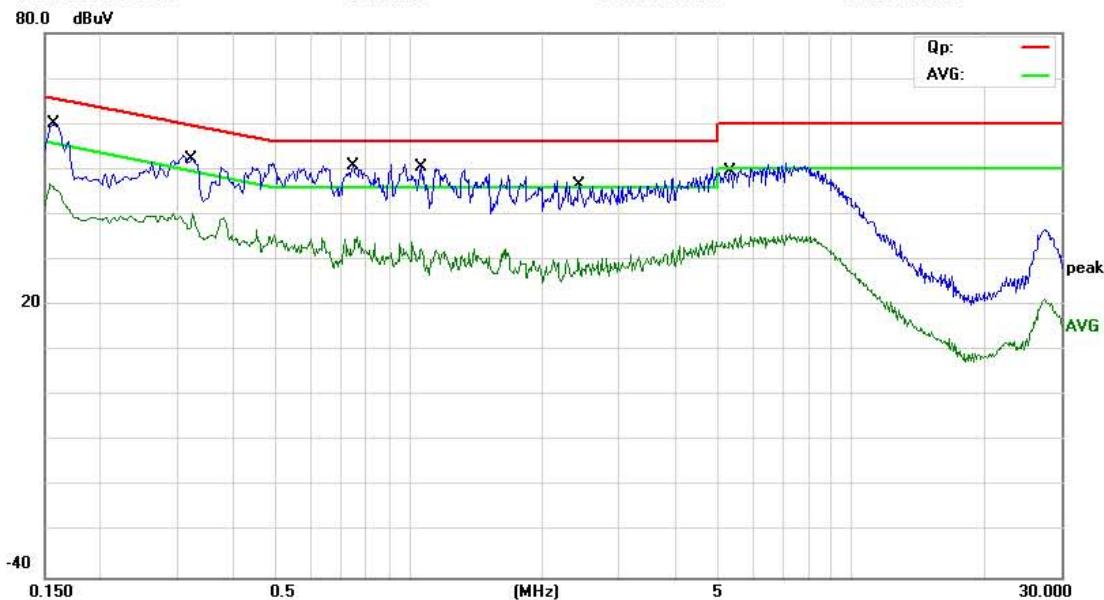
### Conducted Emission Measurement

File : PDI-P32LCDE

Data #: 25

Date: 11/07/05/

Time: 16/16/08



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: FM 107.9MHz

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1590	50.10	9.54	59.64	65.52	-5.88	QP	
2		0.1590	35.96	9.54	45.50	55.52	-10.02	AVG	
3		0.3200	40.52	11.20	51.72	59.71	-7.99	QP	
4		0.3200	25.85	11.20	37.05	49.71	-12.66	AVG	
5	*	0.7500	40.77	10.00	50.77	56.00	-5.23	QP	
6		0.7500	22.12	10.00	32.12	46.00	-13.88	AVG	
7		1.0660	40.38	9.93	50.31	56.00	-5.69	QP	
8		1.0660	22.41	9.93	32.34	46.00	-13.66	AVG	
9		2.4420	37.14	9.44	46.58	56.00	-9.42	QP	
10		2.4420	19.35	9.44	28.79	46.00	-17.21	AVG	
11		5.3260	36.93	11.80	48.73	60.00	-11.27	QP	
12		5.3260	22.28	11.80	34.08	50.00	-15.92	AVG	

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

Engineer Signature: Ricky



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

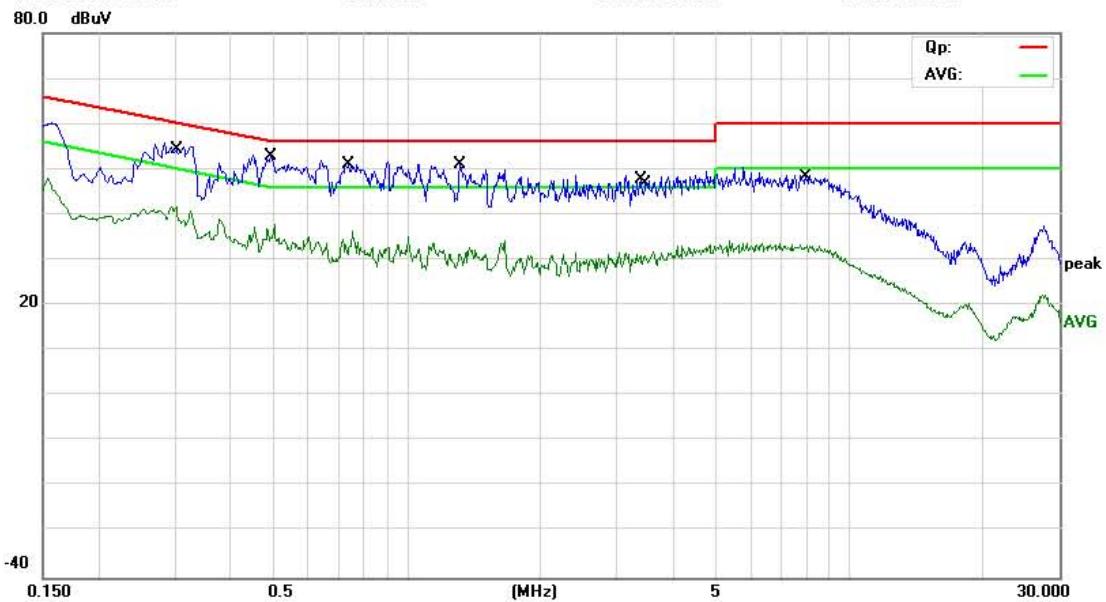
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #16

Date: 11/07/05/

Time: 15/50/21



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: TV CH02

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.3034	42.58	11.31	53.89	60.15	-6.26	QP	
2		0.3034	29.36	11.31	40.67	50.15	-9.48	AVG	
3	*	0.4980	42.66	10.01	52.67	56.03	-3.36	QP	
4		0.4980	24.85	10.01	34.86	46.03	-11.17	AVG	
5		0.7420	41.16	10.00	51.16	56.00	-4.84	QP	
6		0.7420	22.61	10.00	32.61	46.00	-13.39	AVG	
7		1.3220	41.29	9.68	50.97	56.00	-5.03	QP	
8		1.3220	21.69	9.68	31.37	46.00	-14.63	AVG	
9		3.4060	19.11	10.41	29.52	46.00	-16.48	AVG	
10		3.4180	34.50	10.42	44.92	56.00	-11.08	QP	
11		8.0060	38.24	10.20	48.44	60.00	-11.56	QP	
12		8.0060	22.53	10.20	32.73	50.00	-17.27	AVG	

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

Engineer Signature: Ricky



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

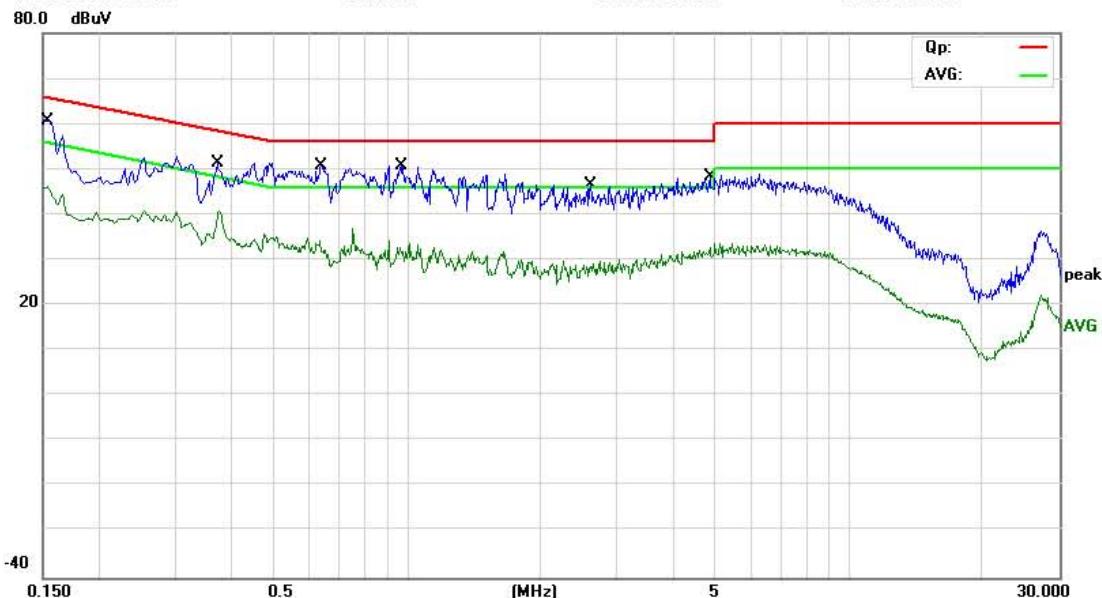
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #17

Date: 11/07/05/

Time: 15/52/04



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: TV CH02

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1547	51.33	9.28	60.61	65.74	-5.13	QP	
2		0.1547	36.44	9.28	45.72	55.74	-10.02	AVG	
3		0.3750	39.76	10.83	50.59	58.39	-7.80	QP	
4		0.3750	29.30	10.83	40.13	48.39	-8.26	AVG	
5		0.6460	40.32	10.00	50.32	56.00	-5.68	QP	
6		0.6460	21.85	10.00	31.85	46.00	-14.15	AVG	
7		0.9660	40.34	10.00	50.34	56.00	-5.66	QP	
8		0.9660	22.60	10.00	32.60	46.00	-13.40	AVG	
9		2.6060	35.12	9.61	44.73	56.00	-11.27	QP	
10		2.6060	18.32	9.61	27.93	46.00	-18.07	AVG	
11		4.8820	34.16	11.88	46.04	56.00	-9.96	QP	
12		4.8820	19.31	11.88	31.19	46.00	-14.81	AVG	

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

Engineer Signature: Ricky



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

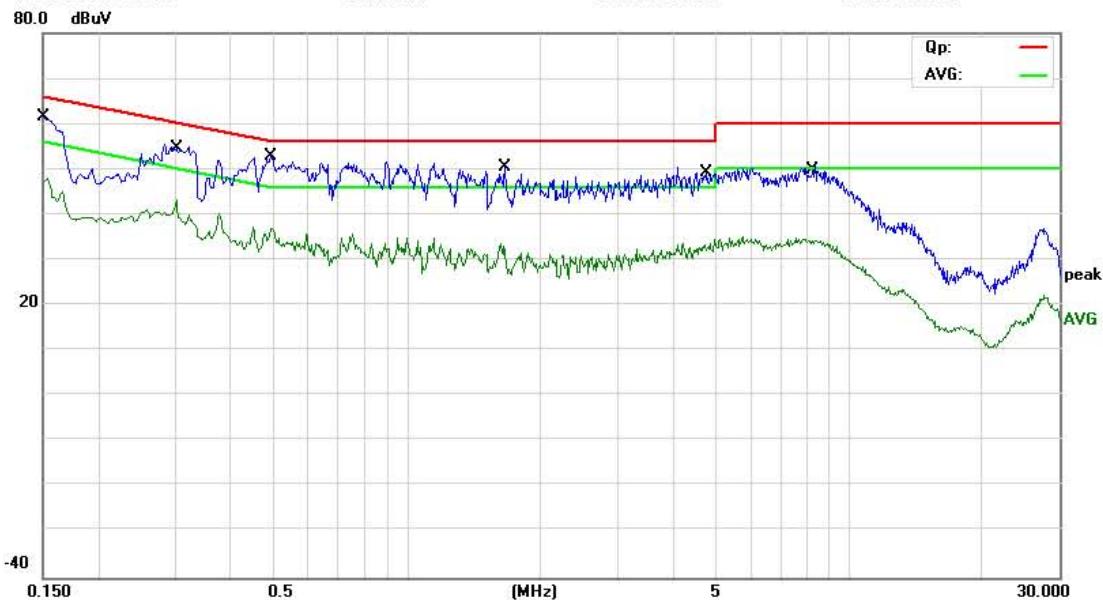
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #14

Date: 11/07/05/

Time: 15/45/01



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: TV CH14

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1524	52.03	9.14	61.17	65.87	-4.70	QP	
2		0.1524	38.47	9.14	47.61	55.87	-8.26	AVG	
3		0.2987	42.93	11.34	54.27	60.28	-6.01	QP	
4		0.2987	29.68	11.34	41.02	50.28	-9.26	AVG	
5	*	0.4980	42.70	10.01	52.71	56.03	-3.32	QP	
6		0.4980	27.09	10.01	37.10	46.03	-8.93	AVG	
7		1.6660	41.18	9.33	50.51	56.00	-5.49	QP	
8		1.6660	23.19	9.33	32.52	46.00	-13.48	AVG	
9		4.7780	37.46	11.78	49.24	56.00	-6.76	QP	
10		4.7780	20.60	11.78	32.38	46.00	-13.62	AVG	
11		8.1980	38.34	10.08	48.42	60.00	-11.58	QP	
12		8.1980	23.65	10.08	33.73	50.00	-16.27	AVG	

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

Engineer Signature: Ricky



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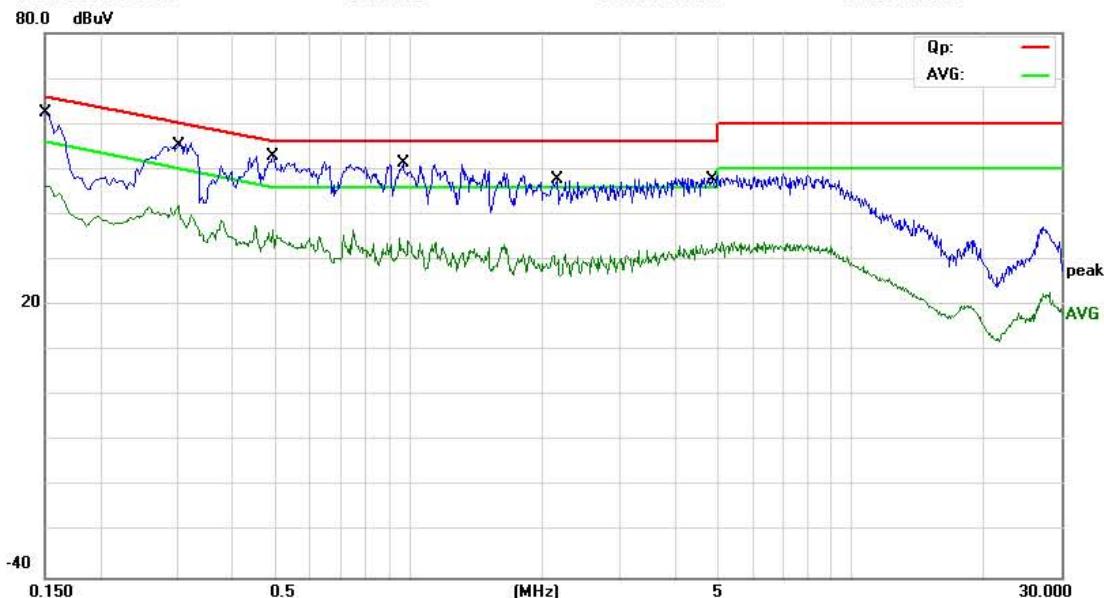
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data #: 15

Date: 11/07/05

Time: 15:46:56



Site: site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: TV CH14

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1524	52.61	9.14	61.75	65.87	-4.12	QP	
2		0.1524	37.08	9.14	46.22	55.87	-9.65	AVG	
3		0.2980	42.80	11.35	54.15	60.30	-6.15	QP	
4		0.2980	29.41	11.35	40.76	50.30	-9.54	AVG	
5	*	0.4940	42.48	10.04	52.52	56.10	-3.58	QP	
6		0.4940	26.48	10.04	36.52	46.10	-9.58	AVG	
7		0.9660	40.57	10.00	50.57	56.00	-5.43	QP	
8		0.9660	22.34	10.00	32.34	46.00	-13.66	AVG	
9		2.1540	37.73	9.15	46.88	56.00	-9.12	QP	
10		2.1540	19.79	9.15	28.94	46.00	-17.06	AVG	
11		4.8460	34.89	11.85	46.74	56.00	-9.26	QP	
12		4.8460	20.40	11.85	32.25	46.00	-13.75	AVG	

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

Engineer Signature: Ricky



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

#### Conducted Emission Measurement

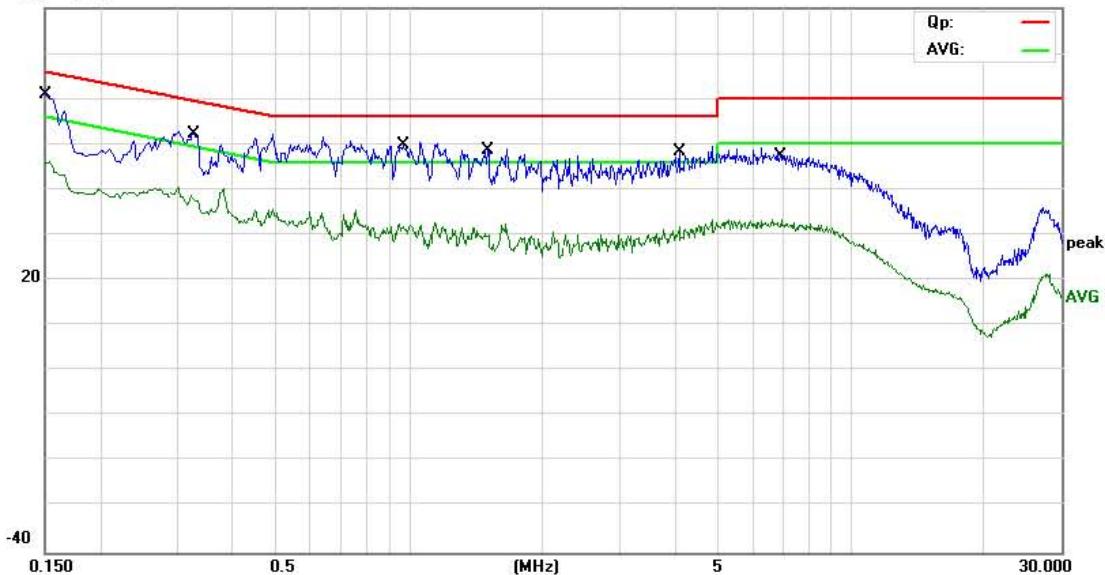
File : PDI-P32LCDE

Data #: 18

Date: 11/07/05/

Time: 15:57:36

80.0 dBuV



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: TV CH69

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1524	51.39	9.14	60.53	65.87	-5.34	QP	
2		0.1524	36.86	9.14	46.00	55.87	-9.87	AVG	
3		0.3301	40.64	11.13	51.77	59.45	-7.68	QP	
4		0.3301	26.49	11.13	37.62	49.45	-11.83	AVG	
5		0.9660	38.98	10.00	48.98	56.00	-7.02	QP	
6		0.9660	21.66	10.00	31.66	46.00	-14.34	AVG	
7		1.5020	36.14	9.50	45.64	56.00	-10.36	QP	
8		1.5020	20.12	9.50	29.62	46.00	-16.38	AVG	
9		4.1180	32.84	11.12	43.96	56.00	-12.04	QP	
10		4.1180	17.59	11.12	28.71	46.00	-17.29	AVG	
11		6.9460	36.56	10.83	47.39	60.00	-12.61	QP	
12		6.9460	21.11	10.83	31.94	50.00	-18.06	AVG	

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

Engineer Signature: Ricky



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

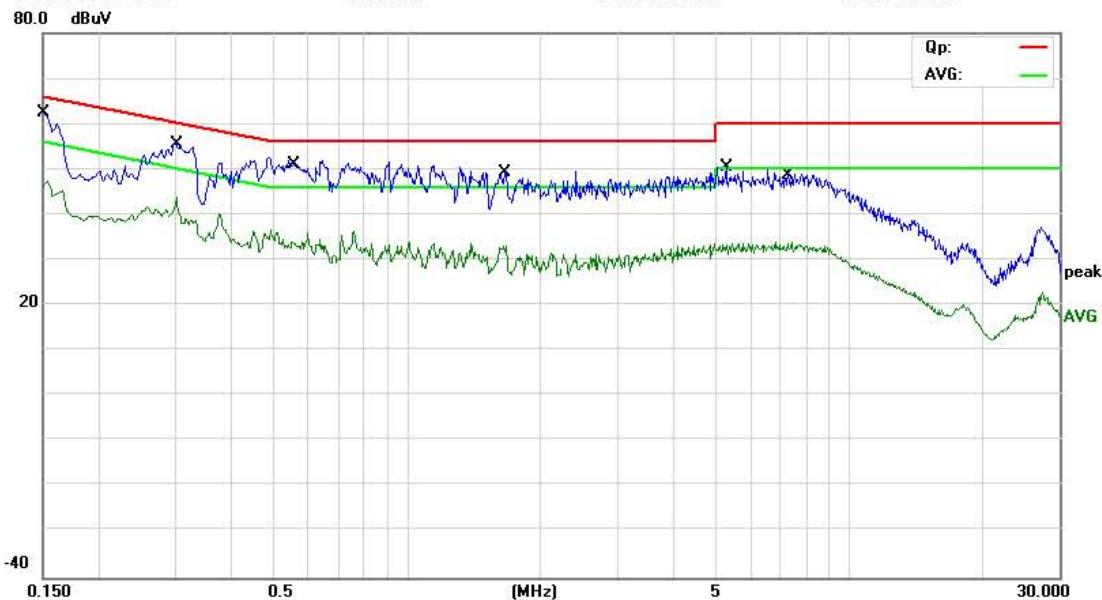
### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #19

Date: 11/07/05/

Time: 15:59:34



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: TV CH69

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1516	53.04	9.10	62.14	65.91	-3.77	QP	
2		0.1516	37.75	9.10	46.85	55.91	-9.06	AVG	
3		0.3034	43.76	11.31	55.07	60.15	-5.08	QP	
4		0.3034	31.30	11.31	42.61	50.15	-7.54	AVG	
5		0.5580	41.01	10.00	51.01	56.00	-4.99	QP	
6		0.5580	23.70	10.00	33.70	46.00	-12.30	AVG	
7		1.6420	38.03	9.36	47.39	56.00	-8.61	QP	
8		1.6420	22.95	9.36	32.31	46.00	-13.69	AVG	
9		5.3100	35.76	11.81	47.57	60.00	-12.43	QP	
10		5.3100	21.40	11.81	33.21	50.00	-16.79	AVG	
11		7.3340	36.81	10.60	47.41	60.00	-12.59	QP	
12		7.3340	21.96	10.60	32.56	50.00	-17.44	AVG	

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

Engineer Signature: Ricky



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

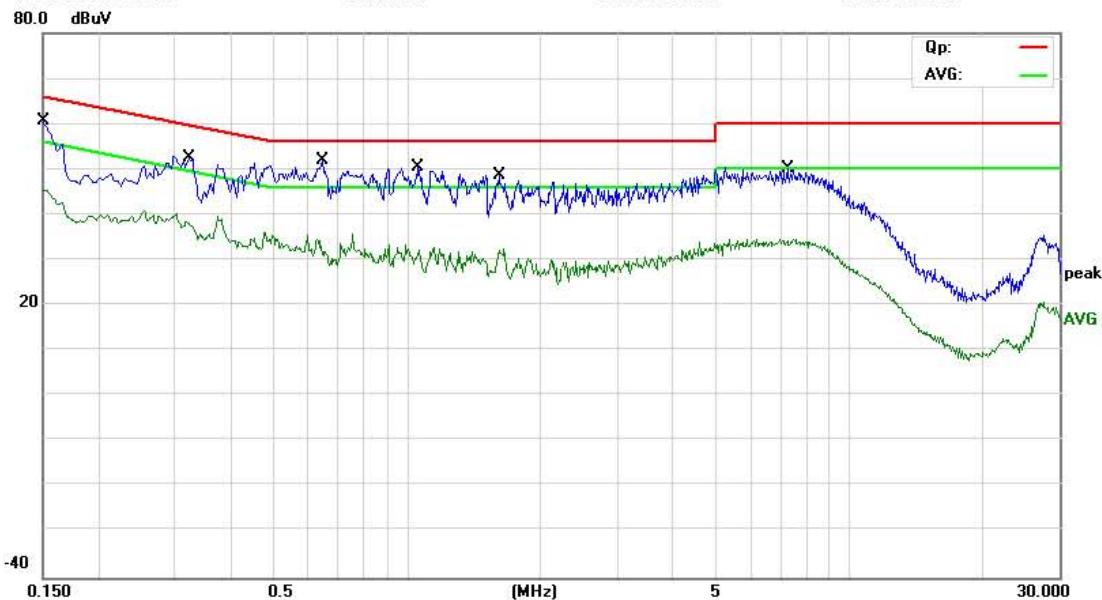
### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #34

Date: 11/07/05/

Time: 16/58/24



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: DTV CH02-1

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1516	50.74	9.10	59.84	65.91	-6.07	QP	
2		0.1516	36.17	9.10	45.27	55.91	-10.64	AVG	
3		0.3234	41.01	11.18	52.19	59.62	-7.43	QP	
4		0.3234	26.79	11.18	37.97	49.62	-11.65	AVG	
5	*	0.6460	41.97	10.00	51.97	56.00	-4.03	QP	
6		0.6460	21.66	10.00	31.66	46.00	-14.34	AVG	
7		1.0620	40.60	9.94	50.54	56.00	-5.46	QP	
8		1.0620	21.23	9.94	31.17	46.00	-14.83	AVG	
9		1.6260	37.41	9.37	46.78	56.00	-9.22	QP	
10		1.6260	22.04	9.37	31.41	46.00	-14.59	AVG	
11		7.2980	38.41	10.62	49.03	60.00	-10.97	QP	
12		7.2980	22.68	10.62	33.30	50.00	-16.70	AVG	

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

Engineer Signature: Ricky



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

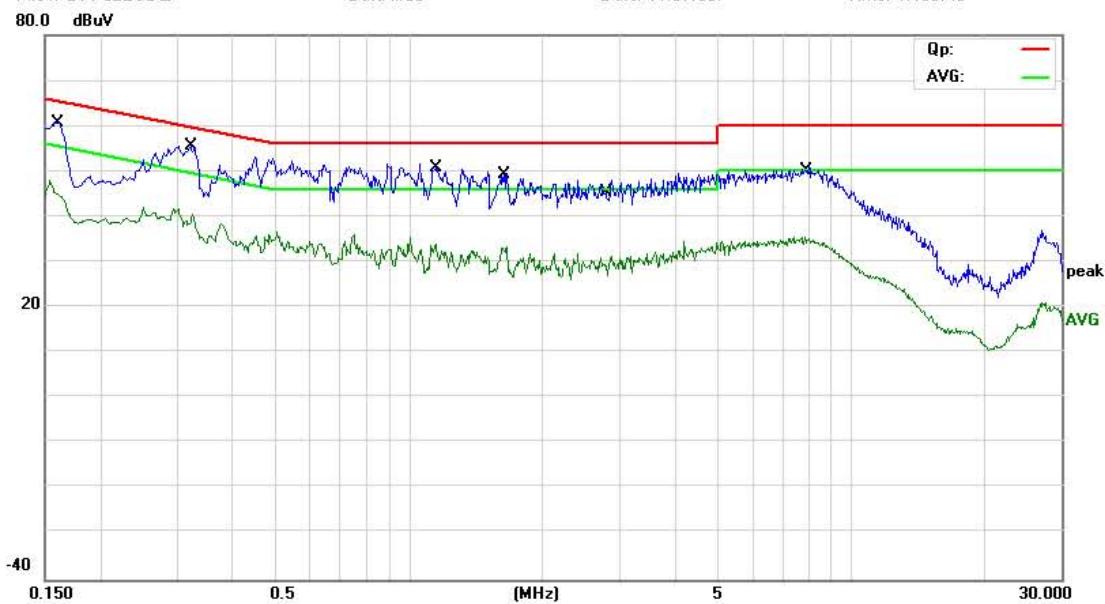
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #35

Date: 11/07/05/

Time: 17:00:40



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: DTV CH02-1

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV				
1		0.1590	51.09	9.54	60.63	65.52	-4.89	QP	
2		0.1590	35.64	9.54	45.18	55.52	-10.34	AVG	
3	*	0.3234	43.78	11.18	54.96	59.62	-4.66	QP	
4		0.3234	28.18	11.18	39.36	49.62	-10.26	AVG	
5		1.1420	40.47	9.86	50.33	56.00	-5.67	QP	
6		1.1420	23.75	9.86	33.61	46.00	-12.39	AVG	
7		1.6300	38.58	9.37	47.95	56.00	-8.05	QP	
8		1.6300	23.67	9.37	33.04	46.00	-12.96	AVG	
9		2.8140	34.58	9.81	44.39	56.00	-11.61	QP	
10		2.8140	19.30	9.81	29.11	46.00	-16.89	AVG	
11		7.8460	39.35	10.29	49.64	60.00	-10.36	QP	
12		7.8460	23.61	10.29	33.90	50.00	-16.10	AVG	

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

Engineer Signature: Ricky



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

#### Conducted Emission Measurement

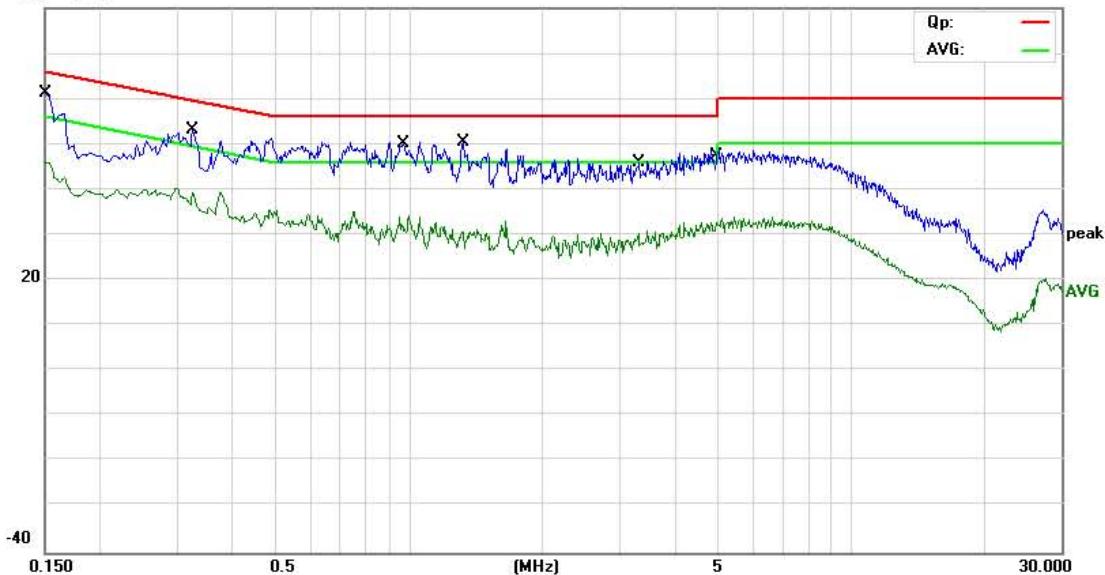
File : PDI-P32LCDE

Data : #30

Date: 11/07/05/

Time: 16:49:55

80.0 dBuV



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: DTV CH14-1

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1524	51.66	9.14	60.80	65.87	-5.07	QP	
2		0.1524	36.80	9.14	45.94	55.87	-9.93	AVG	
3		0.3260	42.04	11.16	53.20	59.55	-6.35	QP	
4		0.3260	28.22	11.16	39.38	49.55	-10.17	AVG	
5		0.9820	39.34	10.00	49.34	56.00	-6.66	QP	
6		0.9820	21.23	10.00	31.23	46.00	-14.77	AVG	
7		1.3180	40.33	9.68	50.01	56.00	-5.99	QP	
8		1.3180	20.98	9.68	30.66	46.00	-15.34	AVG	
9		3.2860	34.60	10.29	44.89	56.00	-11.11	QP	
10		3.2860	18.65	10.29	28.94	46.00	-17.06	AVG	
11		4.9060	34.68	11.91	46.59	56.00	-9.41	QP	
12		4.9060	19.18	11.91	31.09	46.00	-14.91	AVG	

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

Engineer Signature: Ricky



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

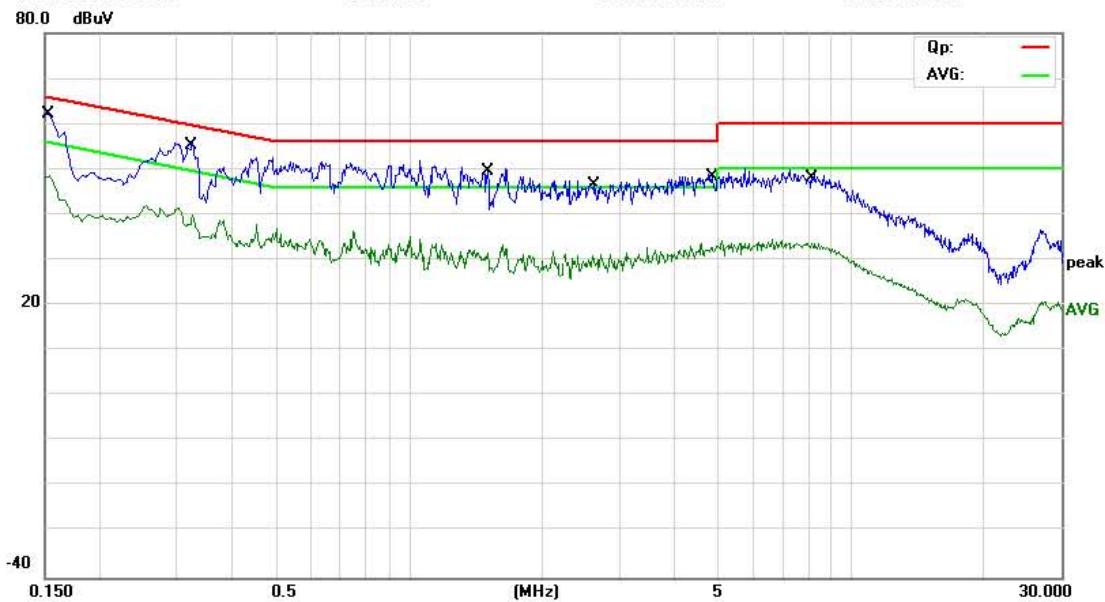
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #31

Date: 11/07/05/

Time: 16/51/37



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: DTV CH14-1

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1	*	0.1540	52.68	9.24	61.92	65.78	-3.86	QP	
2		0.1540	39.33	9.24	48.57	55.78	-7.21	AVG	
3		0.3200	43.24	11.20	54.44	59.71	-5.27	QP	
4		0.3200	26.75	11.20	37.95	49.71	-11.76	AVG	
5		1.5060	40.13	9.49	49.62	56.00	-6.38	QP	
6		1.5060	22.16	9.49	31.65	46.00	-14.35	AVG	
7		2.6100	36.14	9.61	45.75	56.00	-10.25	QP	
8		2.6100	21.39	9.61	31.00	46.00	-15.00	AVG	
9		4.8460	35.37	11.85	47.22	56.00	-8.78	QP	
10		4.8460	20.77	11.85	32.62	46.00	-13.38	AVG	
11		8.0580	37.10	10.17	47.27	60.00	-12.73	QP	
12		8.0580	22.87	10.17	33.04	50.00	-16.96	AVG	

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

Engineer Signature: Ricky



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

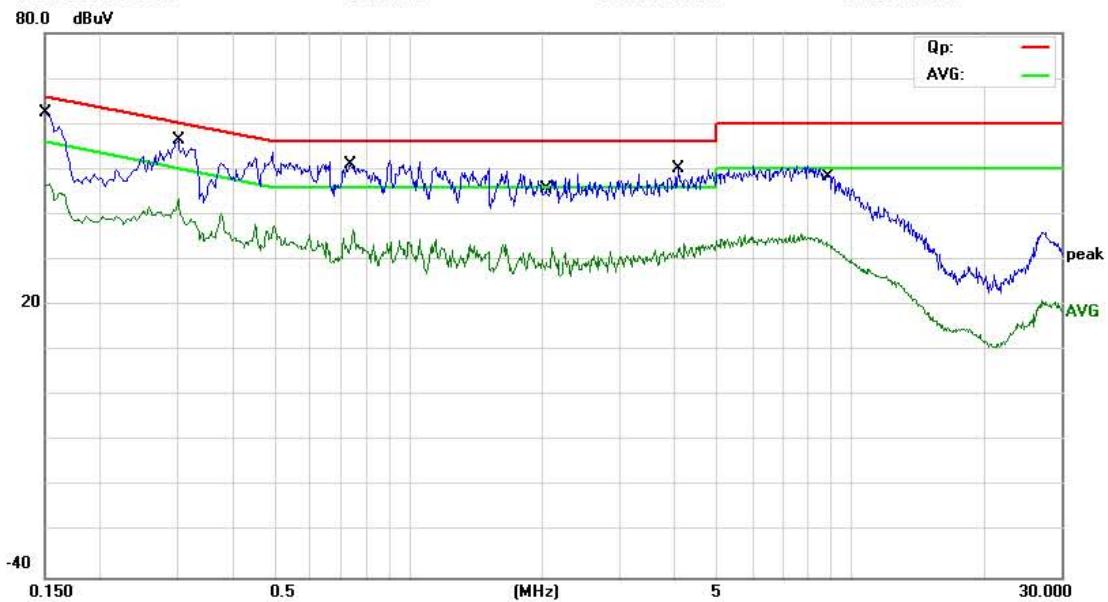
### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #32

Date: 11/07/05/

Time: 16/54/15



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: DTV CH69-1

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1516	53.14	9.10	62.24	65.91	-3.67	QP	
2		0.1516	37.43	9.10	46.53	55.91	-9.38	AVG	
3		0.3003	44.70	11.33	56.03	60.23	-4.20	QP	
4		0.3003	30.86	11.33	42.19	50.23	-8.04	AVG	
5		0.7340	40.48	10.00	50.48	56.00	-5.52	QP	
6		0.7340	21.65	10.00	31.65	46.00	-14.35	AVG	
7		2.0460	36.13	9.05	45.18	56.00	-10.82	QP	
8		2.0460	19.71	9.05	28.76	46.00	-17.24	AVG	
9		4.0860	39.21	11.09	50.30	56.00	-5.70	QP	
10		4.0860	21.46	11.09	32.55	46.00	-13.45	AVG	
11		8.9020	38.74	9.66	48.40	60.00	-11.60	QP	
12		8.9020	23.74	9.66	33.40	50.00	-16.60	AVG	

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

Engineer Signature: Ricky



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

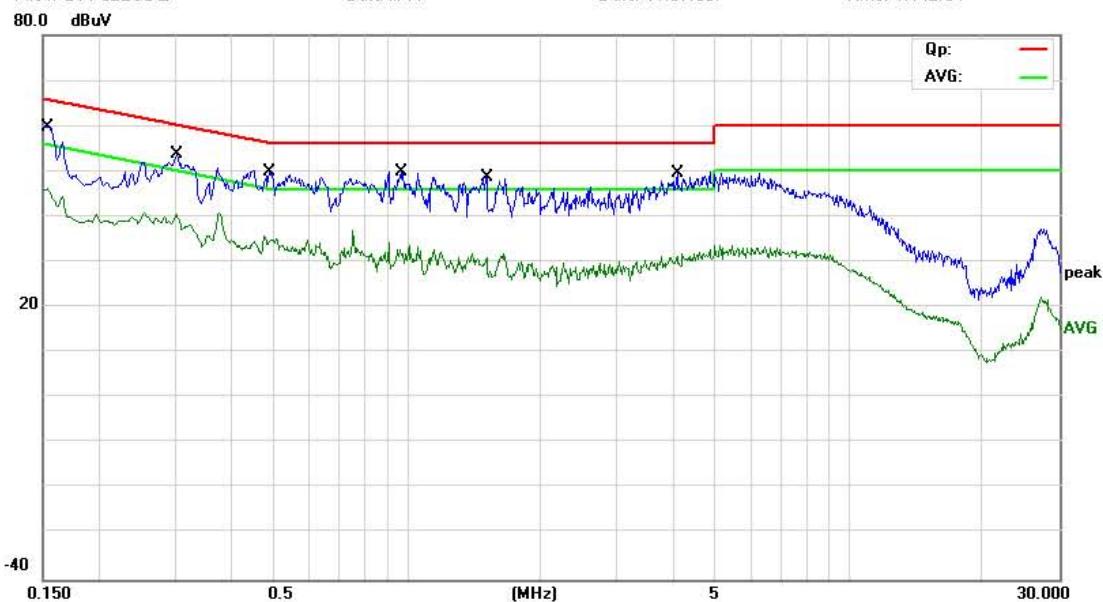
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #44

Date: 11/07/05/

Time: 17:42:34



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: USB Recording

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1547	50.33	9.28	59.61	65.74	-6.13	QP	
2		0.1547	36.44	9.28	45.72	55.74	-10.02	AVG	
3		0.3034	42.07	11.31	53.38	60.15	-6.77	QP	
4		0.3034	28.92	11.31	40.23	50.15	-9.92	AVG	
5		0.4940	39.58	10.04	49.62	56.10	-6.48	QP	
6		0.4940	24.72	10.04	34.76	46.10	-11.34	AVG	
7		0.9740	39.81	10.00	49.81	56.00	-6.19	QP	
8		0.9740	21.95	10.00	31.95	46.00	-14.05	AVG	
9		1.5100	39.12	9.49	48.61	56.00	-7.39	QP	
10		1.5100	20.93	9.49	30.42	46.00	-15.58	AVG	
11		4.0900	37.11	11.09	48.20	56.00	-7.80	QP	
12		4.0900	19.68	11.09	30.77	46.00	-15.23	AVG	

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

Engineer Signature: Ricky



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

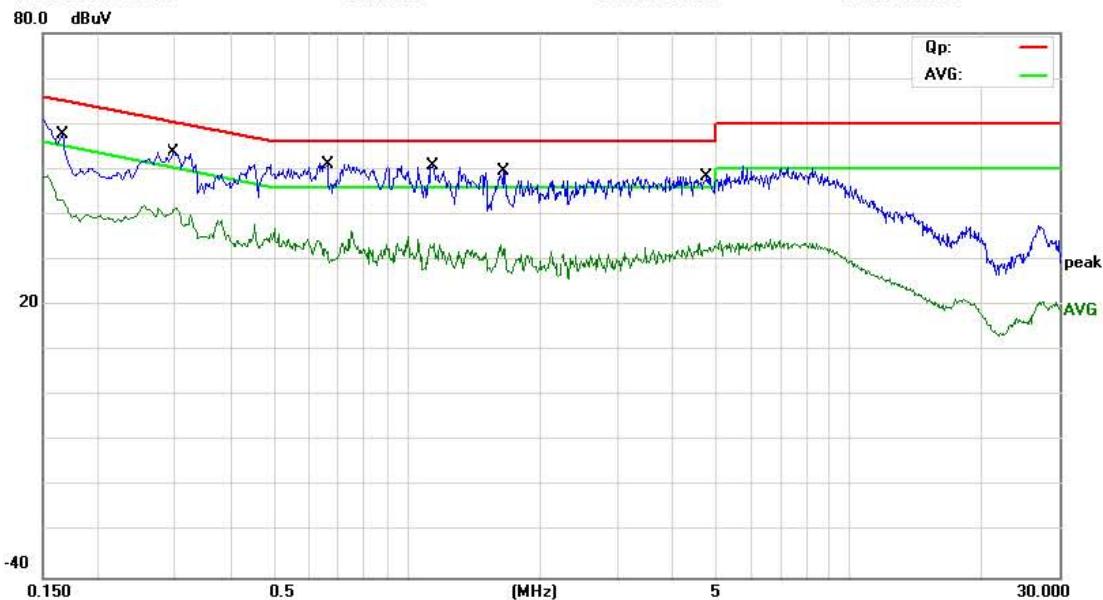
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #45

Date: 11/07/05/

Time: 17:48:58



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: USB Recording

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV				
1		0.1660	47.73	9.96	57.69	65.16	-7.47	QP	
2		0.1660	33.38	9.96	43.34	55.16	-11.82	AVG	
3		0.2980	42.41	11.35	53.76	60.30	-6.54	QP	
4		0.2980	29.91	11.35	41.26	50.30	-9.04	AVG	
5	*	0.6580	40.66	10.00	50.66	56.00	-5.34	QP	
6		0.6580	21.41	10.00	31.41	46.00	-14.59	AVG	
7		1.1380	40.58	9.86	50.44	56.00	-5.56	QP	
8		1.1380	22.85	9.86	32.71	46.00	-13.29	AVG	
9		1.6620	40.33	9.34	49.67	56.00	-6.33	QP	
10		1.6620	23.26	9.34	32.60	46.00	-13.40	AVG	
11		4.7940	36.55	11.79	48.34	56.00	-7.66	QP	
12		4.7940	20.44	11.79	32.23	46.00	-13.77	AVG	

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

Engineer Signature: Ricky



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

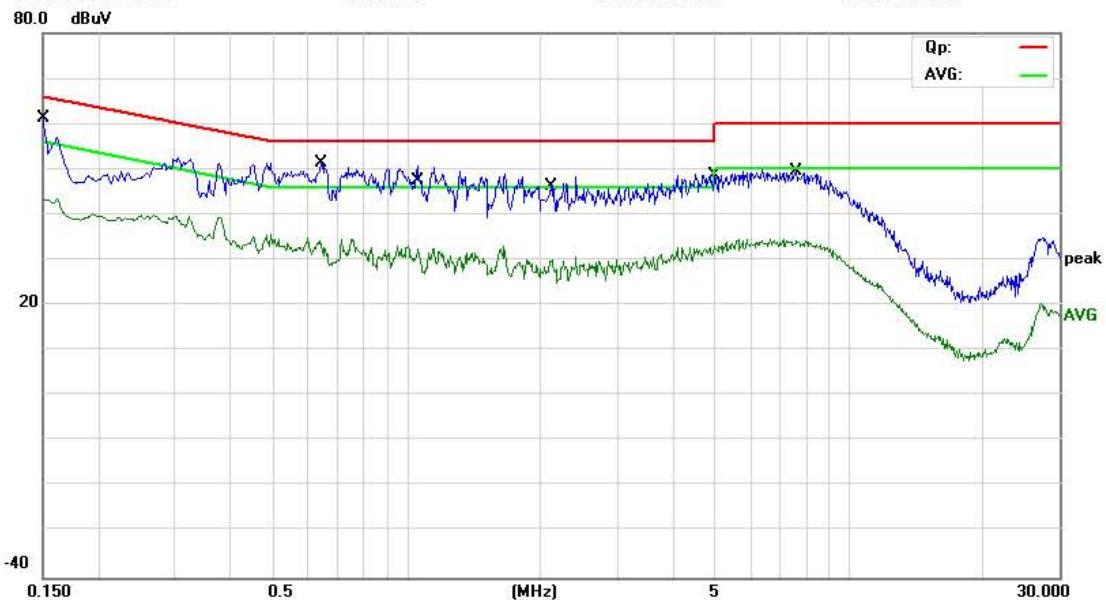
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #33

Date: 11/07/05/

Time: 16/56/01



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: DTV CH69-1

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1	*	0.1500	52.21	9.00	61.21	66.00	-4.79	QP	
2		0.1500	34.45	9.00	43.45	56.00	-12.55	AVG	
3		0.6460	41.04	10.00	51.04	56.00	-4.96	QP	
4		0.6460	21.91	10.00	31.91	46.00	-14.09	AVG	
5		1.0740	37.26	9.93	47.19	56.00	-8.81	QP	
6		1.0740	19.69	9.93	29.62	46.00	-16.38	AVG	
7		2.0940	34.97	9.09	44.06	56.00	-11.94	QP	
8		2.0940	18.45	9.09	27.54	46.00	-18.46	AVG	
9		4.9420	33.38	11.94	45.32	56.00	-10.68	QP	
10		4.9420	19.62	11.94	31.56	46.00	-14.44	AVG	
11		7.5540	38.82	10.47	49.29	60.00	-10.71	QP	
12		7.5540	23.05	10.47	33.52	50.00	-16.48	AVG	

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

Engineer Signature: Ricky



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

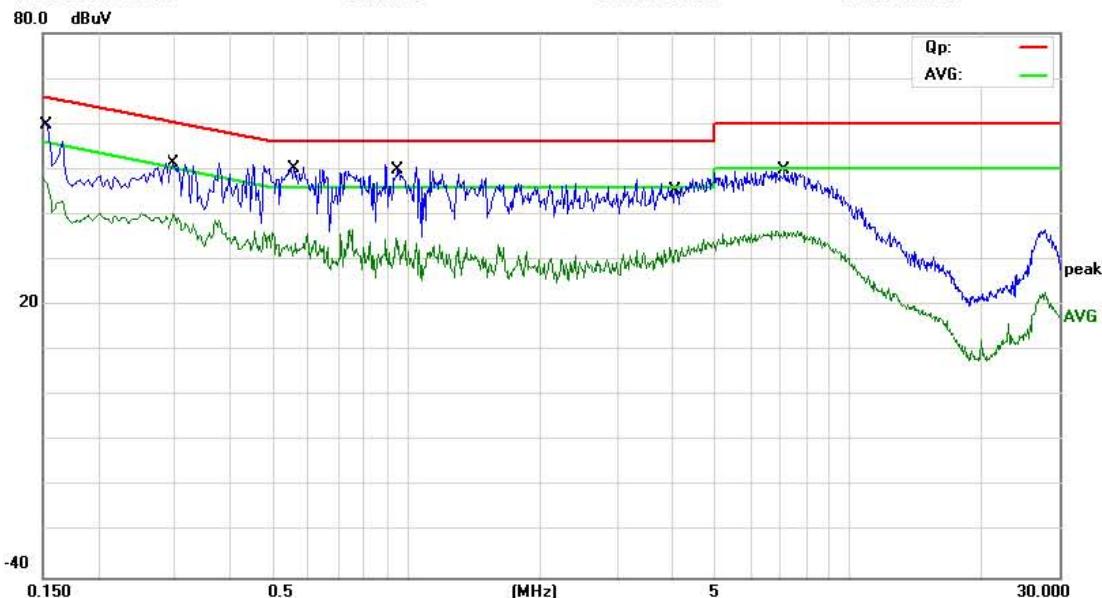
### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #36

Date: 11/07/05/

Time: 17/23/24



Site site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: HDMI IN

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dB			
1		0.1540	50.27	9.24	59.51	65.78	-6.27	QP	
2		0.1540	37.33	9.24	46.57	55.78	-9.21	AVG	
3		0.2940	39.14	11.37	50.51	60.41	-9.90	QP	
4		0.2940	27.60	11.37	38.97	50.41	-11.44	AVG	
5	*	0.5580	40.12	10.00	50.12	56.00	-5.88	QP	
6		0.5580	22.08	10.00	32.08	46.00	-13.92	AVG	
7		0.9580	39.90	10.00	49.90	56.00	-6.10	QP	
8		0.9580	22.48	10.00	32.48	46.00	-13.52	AVG	
9		4.0340	32.57	11.03	43.60	56.00	-12.40	QP	
10		4.0340	18.74	11.03	29.77	46.00	-16.23	AVG	
11		7.2100	37.32	10.67	47.99	60.00	-12.01	QP	
12		7.2100	25.25	10.67	35.92	50.00	-14.08	AVG	

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

Engineer Signature: Ricky



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

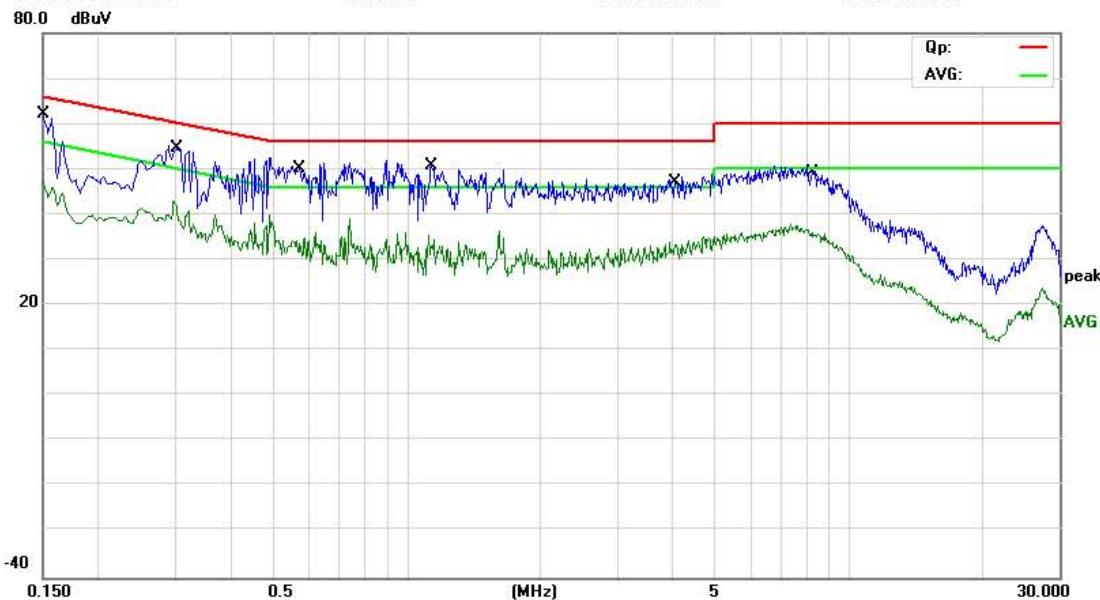
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #37

Date: 11/07/05/

Time: 17/24/23



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: HDMI IN

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1516	51.38	9.10	60.48	65.91	-5.43	QP	
2		0.1516	36.94	9.10	46.04	55.91	-9.87	AVG	
3		0.3003	42.88	11.33	54.21	60.23	-6.02	QP	
4		0.3003	31.13	11.33	42.46	50.23	-7.77	AVG	
5		0.5660	39.82	10.00	49.82	56.00	-6.18	QP	
6		0.5660	24.26	10.00	34.26	46.00	-11.74	AVG	
7	*	1.1380	41.04	9.86	50.90	56.00	-5.10	QP	
8		1.1380	23.16	9.86	33.02	46.00	-12.98	AVG	
9		4.0820	35.73	11.08	46.81	56.00	-9.19	QP	
10		4.0820	22.38	11.08	33.46	46.00	-12.54	AVG	
11		8.1060	38.00	10.14	48.14	60.00	-11.86	QP	
12		8.1060	26.26	10.14	36.40	50.00	-13.60	AVG	

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

Engineer Signature: Ricky



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

#### Conducted Emission Measurement

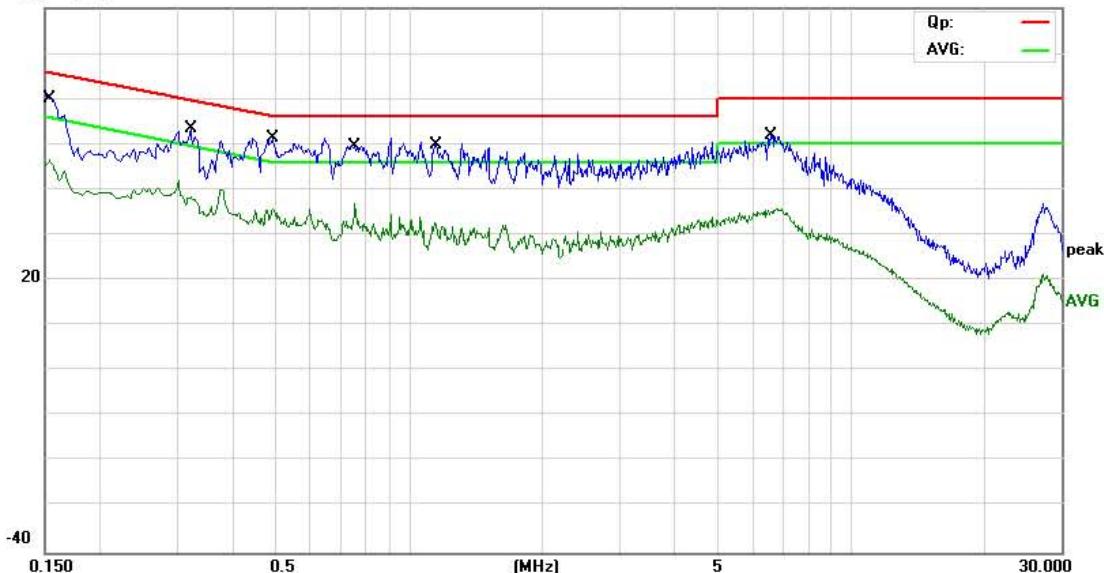
File : PDI-P32LCDE

Data #: 26

Date: 11/07/05/

Time: 16:23:59

80.0 dBuV



Site: site #1

Phase: L1

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: AV IN

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1556	50.54	9.34	59.88	65.70	-5.82	QP	
2		0.1556	36.28	9.34	45.62	55.70	-10.08	AVG	
3		0.3234	40.54	11.18	51.72	59.62	-7.90	QP	
4		0.3234	26.99	11.18	38.17	49.62	-11.45	AVG	
5	*	0.4940	40.77	10.04	50.81	56.10	-5.29	QP	
6		0.4940	25.75	10.04	35.79	46.10	-10.31	AVG	
7		0.7580	39.41	10.00	49.41	56.00	-6.59	QP	
8		0.7580	26.84	10.00	36.84	46.00	-9.16	AVG	
9		1.1620	39.05	9.84	48.89	56.00	-7.11	QP	
10		1.1620	20.45	9.84	30.29	46.00	-15.71	AVG	
11		6.6260	41.02	11.02	52.04	60.00	-7.96	QP	
12		6.6260	24.05	11.02	35.07	50.00	-14.93	AVG	

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

Engineer Signature: Ricky



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

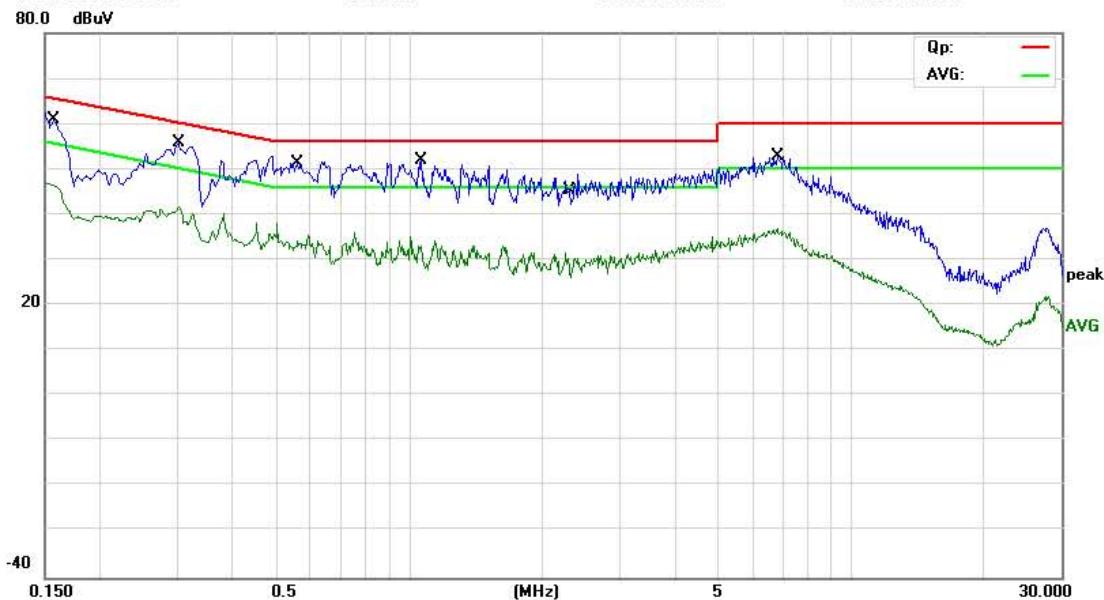
#### Conducted Emission Measurement

File : PDI-P32LCDE

Data : #27

Date: 11/07/05/

Time: 16/25/49



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

M/N: PDI-P32LCDE

Mode: AV IN

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1580	51.56	9.48	61.04	65.57	-4.53	QP	
2		0.1580	36.94	9.48	46.42	55.57	-9.15	AVG	
3		0.2987	43.73	11.34	55.07	60.28	-5.21	QP	
4		0.2987	29.48	11.34	40.82	50.28	-9.46	AVG	
5		0.5580	40.67	10.00	50.67	56.00	-5.33	QP	
6		0.5580	23.15	10.00	33.15	46.00	-12.85	AVG	
7		1.0620	41.48	9.94	51.42	56.00	-4.58	QP	
8		1.0620	22.44	9.94	32.38	46.00	-13.62	AVG	
9		2.3020	35.65	9.30	44.95	56.00	-11.05	QP	
10		2.3020	21.00	9.30	30.30	46.00	-15.70	AVG	
11		6.7620	40.76	10.94	51.70	60.00	-8.30	QP	
12		6.7620	24.72	10.94	35.66	50.00	-14.34	AVG	

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

Engineer Signature: Ricky

## 6.TEST RADIATED EMISSION REQUIREMENT

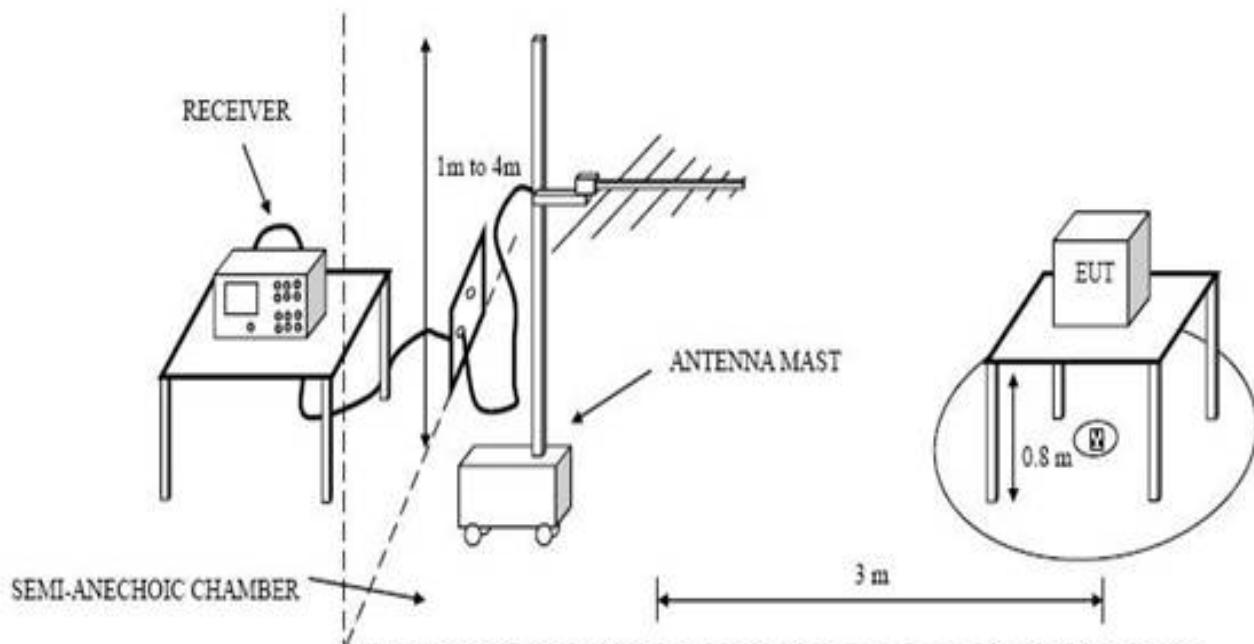
### 6.1 Limits Of Radiated Disturbances At 3m Distances For Class B

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	
	1920*1080	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 Display	/	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