



FCC PART 15 SUBPART B Test Report

Applicant: PDI Communication System, Inc.

Address: 40 Greenwood Lane, Springboro Ohio 45066

Product Name: LCD TV

Model Name: PDI-P40LCDE

Brand Name: PDi

FCC ID: WQ5P40LCDEN

Date of Issue: Dec. 13, 2012

Issued by: Most Technology Service Co., Ltd.

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

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1. VERIFICATION OF CONFORMITY

Equipment under test: LCD TV

Brand Name: PDI

Model Number: PDI-P40LCDE

FCC ID: WQ5P40LCDEN

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: MTE/AYG/D12121866

Date of test: Dec. 06-08, 2012

Deviation: None

Condition of Test Normal

Sample:

Test Result: PASS

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

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

Test by: Anny (Anny Gong)

Reviewed by: Elva Wong (Elva Wong)

Approved by: Yvette Zhou (Yvette Zhou)

2. GENERAL INFORMATION

2.1 Product Information

Display *LTA400HM07*

Chip *ZR39788HGCG MPEG4 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	2012-12-08
2	15.109	Radiated emission	Pass	2012-12-06

2.4 Measurement Uncertainty

No.	Item	Uncertainty
1.	Uncertainty for Conducted Disturbance Test	2.75dB
2.	Uncertainty for Radiated Disturbance Test	3.15dB

2.5 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

- Temperature: 15-35 °C
- Humidity: 30-60%
- Atmospheric pressure: 86-106kPa

3. TEST FACILITY

3.1 Test Facility

Test Site: Most Technology Service Co., Ltd

Location: No.5, Nangshan 2nd Rd., North Hi-tech Industrial Park, Shenzhen, Guangdong, China.

Description: There is one 3m semi-anechoic an area test sites and two line conducted labs for final test. The Open Area Test sites and the line Conducted labs are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4-2003and CISPR 16 requirements. The FCC Registration Number is 490827

Site Filing: The site description is on file with the Federal Communications Commission ,7435 Oakland Mills Road, Columbia , MD 21046

Instrument Tolerance: All measuring equipment is in accord with ANSI C63.4 and CISPR 16 requirements that Meet industry regulatory agency and accreditation agency requirement.

Ground Plane: Two conductive reference ground planes were used during the Line Conducted emission, One in vertical and the other in horizontal. The dimensions of these ground planes are as below. The vertical ground plane was placed distancing 40cm to the rear of the wooden test table on where the EUT and the support equipment were placed during test. The horizontal ground plane projected 50 cm beyond the footprint of the EUT system and distanced 80 cm to the wooden test table. For Radiated Emission Test, one horizontal conductive ground plane extended at least 1m beyond the periphery of the EUT and the largest measuring antenna, and covered the entire area between the EUT and the antenna .It has no holes or gaps having longitudinal dimensions larger than one-tenth of a wavelength at the highest frequency of measurement up to 1GHz.

3.2 General Test Procedures

Test mode: The following data show only with the worst case setup

Conducted Emissions: The EUT is placed on the test table, which is 0.8 m above ground plane. According to the requirements Section 13.1.4.1 of ANSI C63.4. Conducted emissions from the EUT measured in the frequency range between 0.15MHz and 30MHz using CISPR Quasi-peak and average detector modes.

Radiated Emissions: The EUT is placed on a turntable, which is 0.8m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which Varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by Changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum Emissions, exploratory radiated emission measurements were made according to the requirements in section 13.1.4.1 of ANSI C63.4.

Setting :	9KHZ~150KHZ	RBW 200HZ	VBW1KHZ
	150KHZ~30MHZ	RBW 9KHZ	VBW 30KHZ
	30MHZ~1GHZ	RBW 120KHZ	VBW 300KHZ
	Above 1GHZ	RBW 1MHZ	VBW 3MHZ

4. SETUP OF EQUIPMENT UNDER TEST

4.1 Support Equipment

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

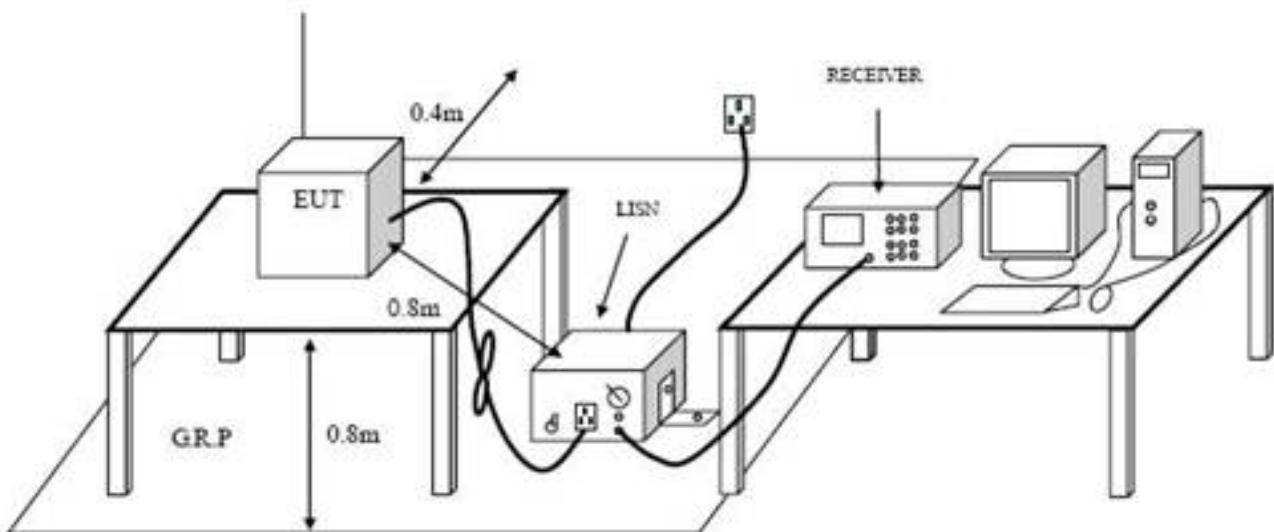
5. TEST REQUIREMENTS

5.1 Limits Of Line Conducted Emission Test

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

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

5.2 Block Diagram Of Test Setup



5.3 Preliminary Procedure Of Line Conducted Emission Test

- 1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system,a wooden table with a height 0.8 meters is used and is placed on the ground plane as per FCC 15(see Test Facility for the dimensions of the ground plane noo-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:Line1(Hot side)and Line 2(Neutral Side).Two scans were taken:one with Line 1connected 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 form 150kHz to 30MHz for emissions in each of the test modes.8) During the above scans,the emissions were maximized by cable manipulation.

Preliminary Conducted Emission Test			
Frequency Range Investigated		150KHz to 30MHz	
Mode of operation	Details	Phase	Date#
VGA Display	800*600	L/N	Page 9- Page 14
	1024*768	L/N	
	1280*1024	L/N	
FM	88.1MHz	L/N	Page 15-Page 20
	98.1MHz	L/N	
	107.9MHz	L/N	
ATV	CH 02	L/N	Page 21- Page 32
	CH 14	L/N	
	CH 69	L/N	
DTV	CH 02	L/N	
	CH 14	L/N	
	CH 69	L/N	
USB Recording	/	L/N	Page 33- Page 34
HDMI Mode	/	L/N	Page 35- Page 36
SD Playing	/	L/N	Page 37- Page 38

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

5.4 Test Result Of Line Conducted Emission Test



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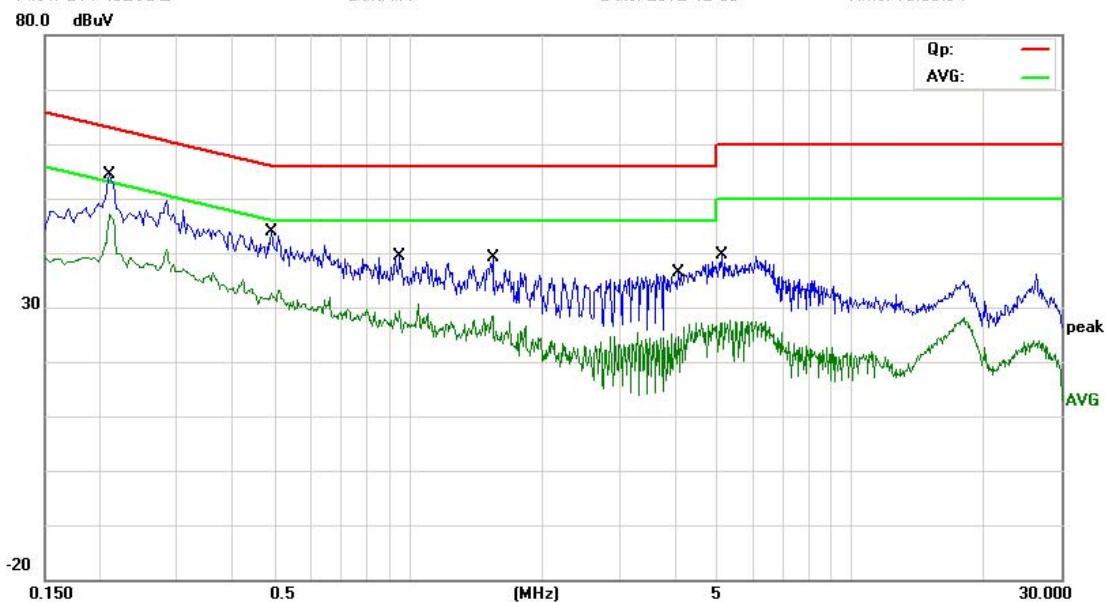
Conducted Emission Measurement

File : PDI-P40LCDE

Data #:1

Date: 2012-12-08

Time: 15:30:04



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-P40LCDE

Mode: Running "H" Parttern

Note: VGA:1600*1200@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	42.46	11.93	54.39	63.21	-8.82	QP	
2		0.4900	33.77	10.07	43.84	56.17	-12.33	QP	
3		0.9540	29.45	10.00	39.45	56.00	-16.55	QP	
4		1.5460	29.60	9.45	39.05	56.00	-16.95	QP	
5		4.0780	25.21	11.08	36.29	56.00	-19.71	QP	
6		5.1340	27.65	11.92	39.57	60.00	-20.43	QP	

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

Engineer Signature: Sky



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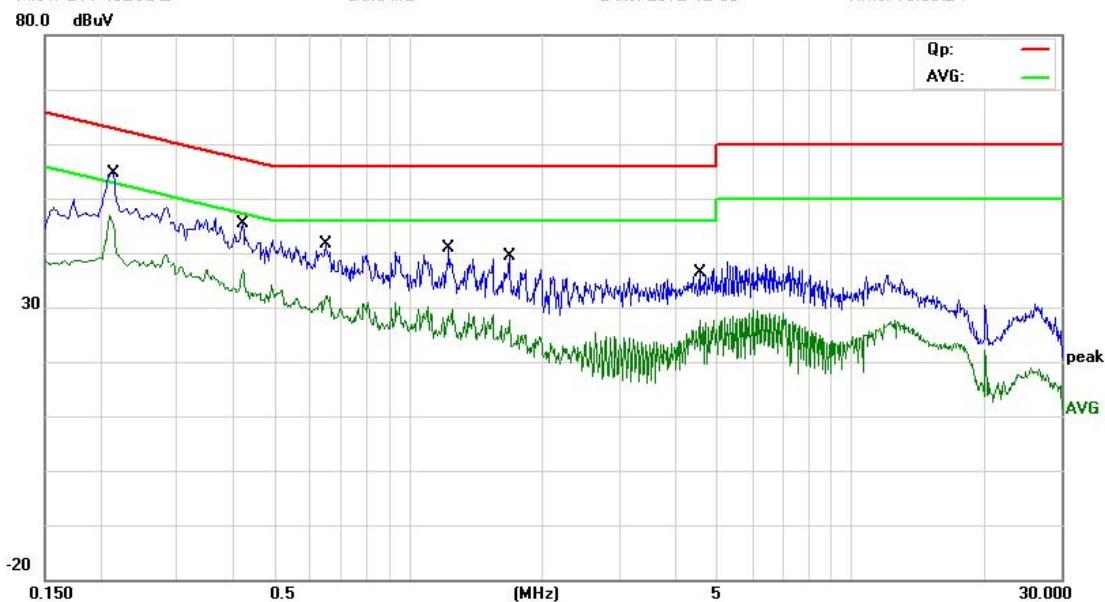
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 2

Date: 2012-12-08

Time: 15:33:24



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-P40LCDE

Mode: Running "H" Partern

Note: VGA:1600*1200@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2140	42.81	11.91	54.72	63.05	-8.33	QP	
2		0.4220	34.86	10.52	45.38	57.41	-12.03	QP	
3		0.6500	31.60	10.00	41.60	56.00	-14.40	QP	
4		1.2300	31.21	9.77	40.98	56.00	-15.02	QP	
5		1.6860	30.07	9.31	39.38	56.00	-16.62	QP	
6		4.5700	24.81	11.57	36.38	56.00	-19.62	QP	

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

Engineer Signature: Sky



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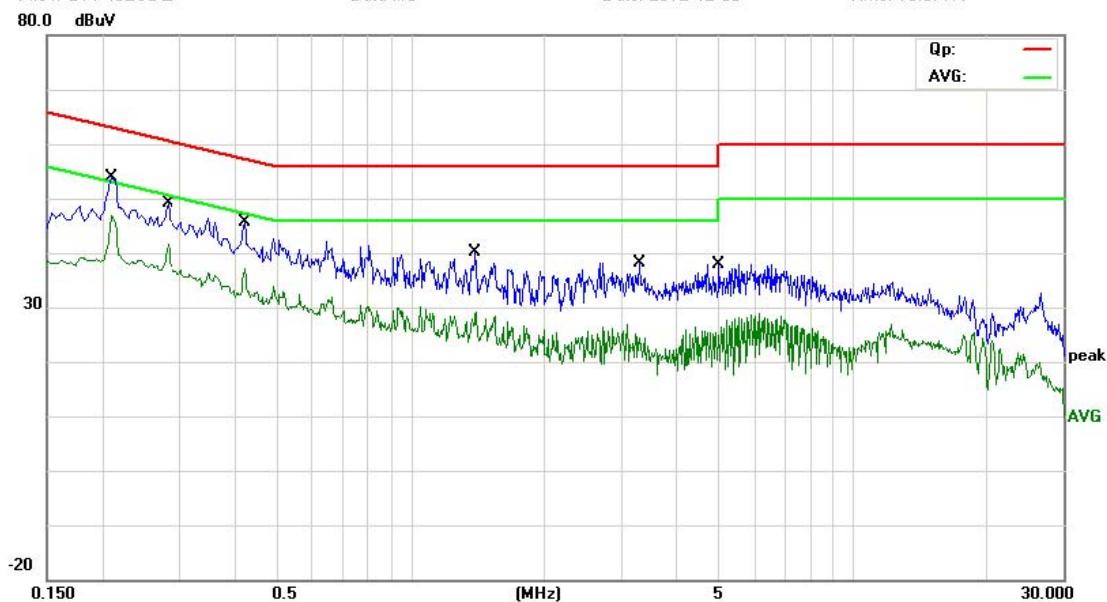
Conducted Emission Measurement

File : PDI-P40LCDE

Data : #3

Date: 2012-12-08

Time: 15:37:41



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-P40LCDE

Mode: Running "H" Parttern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.86	11.93	53.79	63.21	-9.42	QP	
2		0.2820	37.75	11.45	49.20	60.76	-11.56	QP	
3		0.4220	35.08	10.52	45.60	57.41	-11.81	QP	
4		1.4020	30.41	9.60	40.01	56.00	-15.99	QP	
5		3.3100	27.79	10.31	38.10	56.00	-17.90	QP	
6		4.9860	25.80	11.99	37.79	56.00	-18.21	QP	

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

Engineer Signature: Sky



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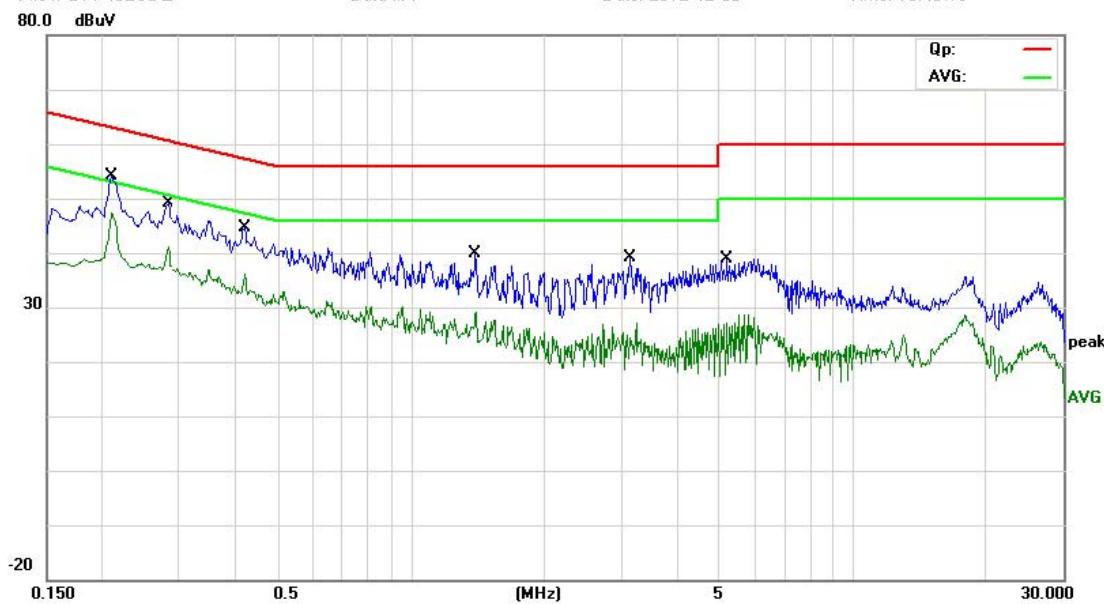
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 4

Date: 2012-12-08

Time: 15:40:19



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-P40LCDE

Mode: Running "H" Partern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	42.23	11.93	54.16	63.21	-9.05	QP	
2		0.2820	37.65	11.45	49.10	60.76	-11.66	QP	
3		0.4220	34.00	10.52	44.52	57.41	-12.89	QP	
4		1.4020	30.35	9.60	39.95	56.00	-16.05	QP	
5		3.1540	29.09	10.15	39.24	56.00	-16.76	QP	
6		5.1980	27.05	11.88	38.93	60.00	-21.07	QP	

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

Engineer Signature: Sky



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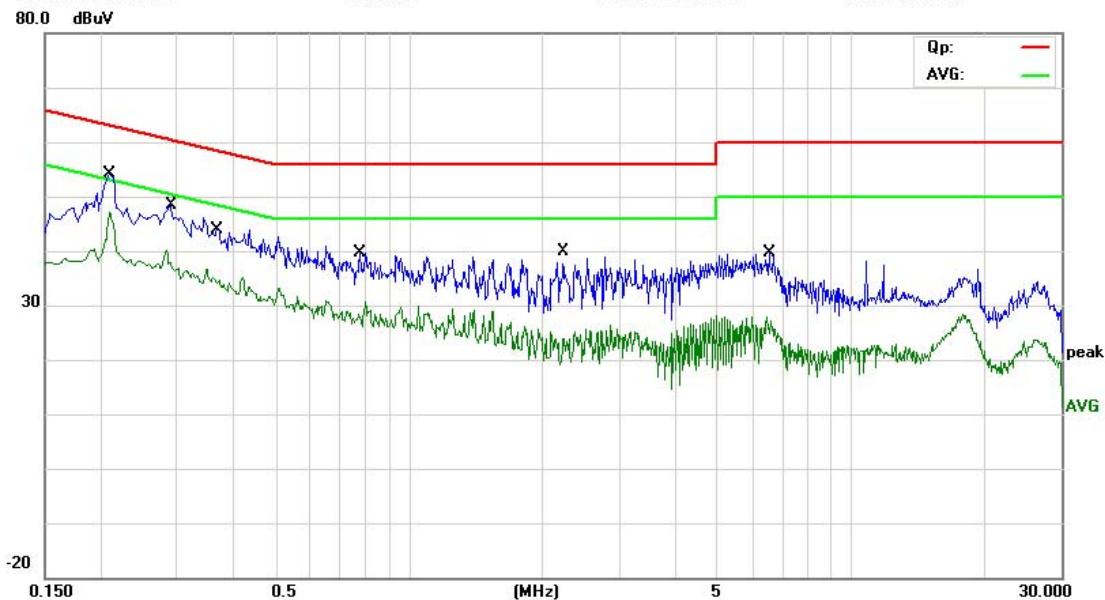
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 5

Date: 2012-12-08

Time: 15:45:27



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-P40LCDE

Mode: Running "H" Partern

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	*	0.2100	42.19	11.93	54.12	63.21	-9.09	QP	
2		0.2900	37.07	11.40	48.47	60.52	-12.05	QP	
3		0.3700	33.03	10.87	43.90	58.50	-14.60	QP	
4		0.7780	29.52	10.00	39.52	56.00	-16.48	QP	
5		2.2420	30.74	9.24	39.98	56.00	-16.02	QP	
6		6.5260	28.67	11.08	39.75	60.00	-20.25	QP	

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

Engineer Signature: Sky



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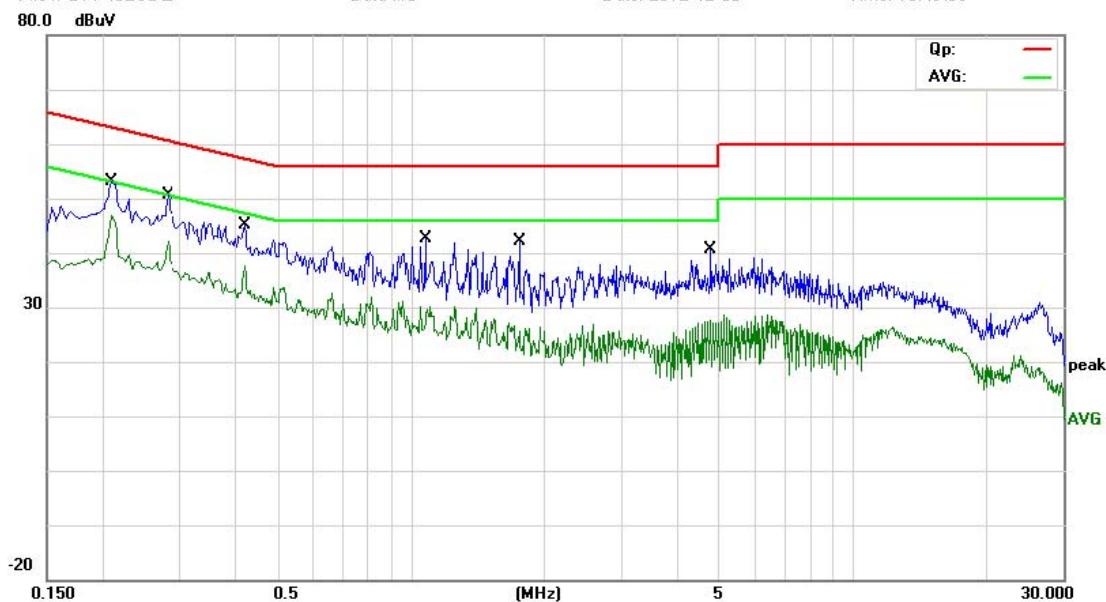
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 6

Date: 2012-12-08

Time: 15:49:09



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-P40LCDE

Mode: Running "H" Partern

Note: VGA:800*600@75Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
							dB	dBuV
1	*	0.2100	41.09	11.93	53.02	63.21	-10.19	QP
2		0.2820	39.07	11.45	50.52	60.76	-10.24	QP
3		0.4220	34.63	10.52	45.15	57.41	-12.26	QP
4		1.0780	32.70	9.92	42.62	56.00	-13.38	QP
5		1.7580	32.78	9.24	42.02	56.00	-13.98	QP
6		4.7740	28.83	11.77	40.60	56.00	-15.40	QP

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

Engineer Signature: Sky



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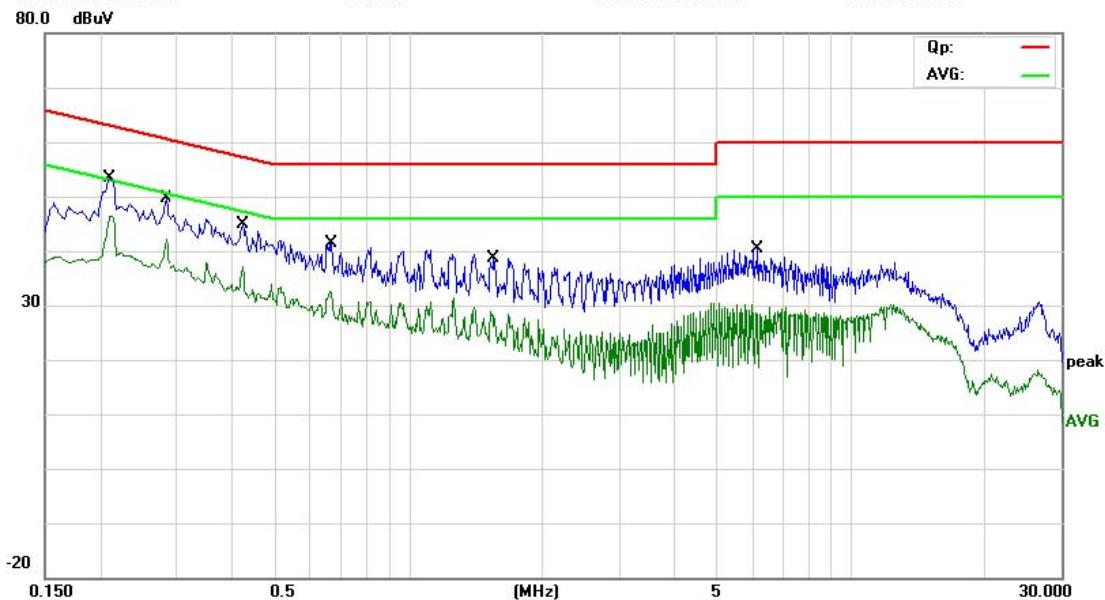
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 7

Date: 2012-12-08

Time: 15:52:26



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-P40LCDE

Mode: FM 88.3MHz

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.55	11.93	53.48	63.21	-9.73	QP	
2		0.2820	38.07	11.45	49.52	60.76	-11.24	QP	
3		0.4220	34.35	10.52	44.87	57.41	-12.54	QP	
4		0.6700	31.45	10.00	41.45	56.00	-14.55	QP	
5		1.5580	29.20	9.44	38.64	56.00	-17.36	QP	
6		6.1740	29.17	11.30	40.47	60.00	-19.53	QP	

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

Engineer Signature: Sky



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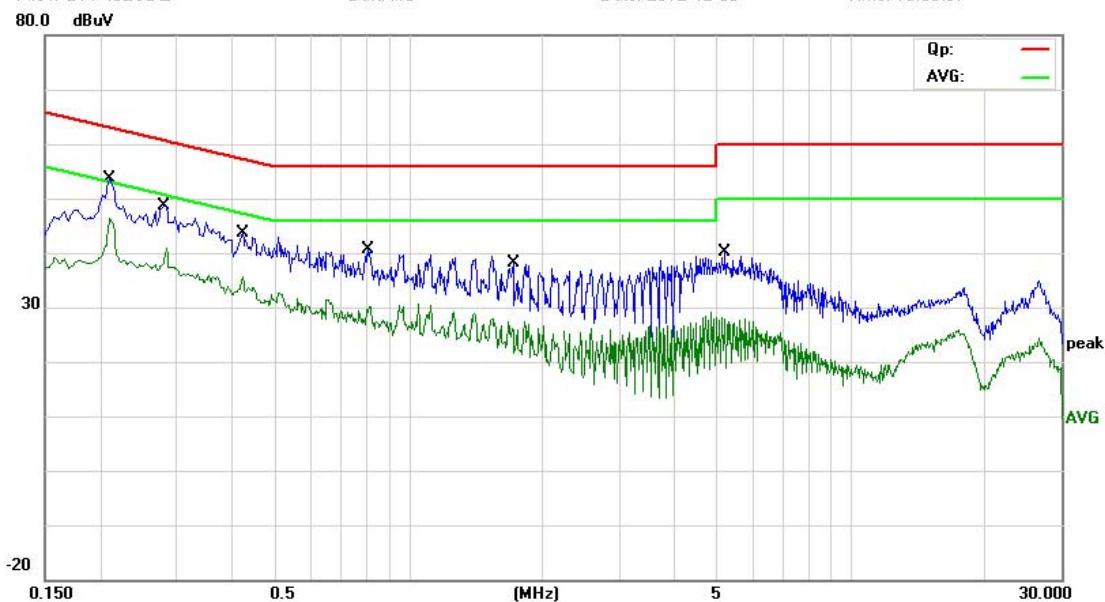
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 8

Date: 2012-12-08

Time: 15:55:37



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-P40LCDE

Mode: FM 88.3MHz

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.81	11.93	53.74	63.21	-9.47	QP	
2		0.2780	37.14	11.48	48.62	60.88	-12.26	QP	
3		0.4220	33.11	10.52	43.63	57.41	-13.78	QP	
4		0.8100	30.62	10.00	40.62	56.00	-15.38	QP	
5		1.7180	28.74	9.28	38.02	56.00	-17.98	QP	
6		5.1940	28.35	11.88	40.23	60.00	-19.77	QP	

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

Engineer Signature: Sky



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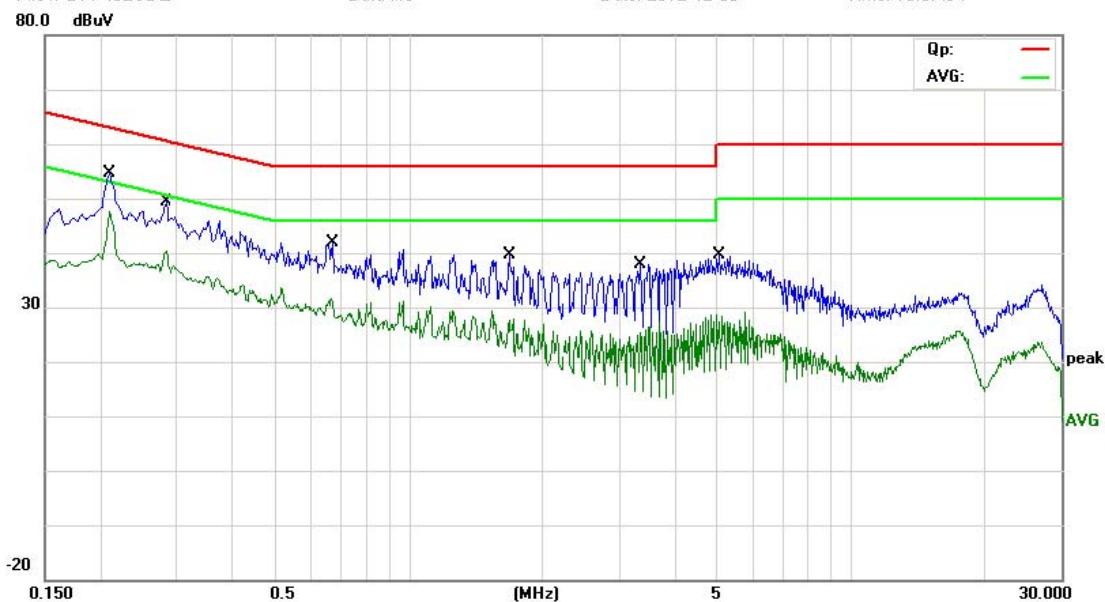
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 9

Date: 2012-12-08

Time: 15:57:34



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-P40LCDE

Mode: FM 98.3MHz

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	42.62	11.93	54.55	63.21	-8.66	QP	
2		0.2820	37.94	11.45	49.39	60.76	-11.37	QP	
3		0.6740	31.85	10.00	41.85	56.00	-14.15	QP	
4		1.6820	30.33	9.32	39.65	56.00	-16.35	QP	
5		3.3620	27.58	10.36	37.94	56.00	-18.06	QP	
6		5.0540	27.65	11.97	39.62	60.00	-20.38	QP	

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

Engineer Signature: Sky



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

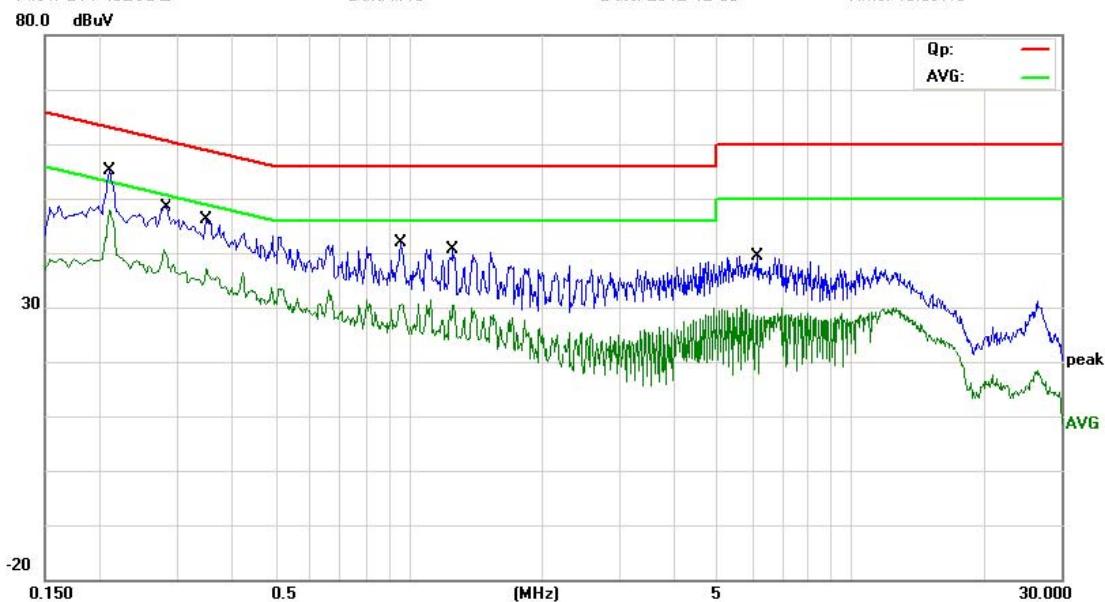
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 10

Date: 2012-12-08

Time: 15:59:10



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-P40LCDE

Mode: FM 98.3MHz

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	43.16	11.93	55.09	63.21	-8.12	QP	
2		0.2820	37.04	11.45	48.49	60.76	-12.27	QP	
3		0.3500	35.12	11.00	46.12	58.96	-12.84	QP	
4		0.9620	31.78	10.00	41.78	56.00	-14.22	QP	
5		1.2620	30.96	9.74	40.70	56.00	-15.30	QP	
6		6.1740	28.07	11.30	39.37	60.00	-20.63	QP	

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

Engineer Signature: Sky



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

Conducted Emission Measurement

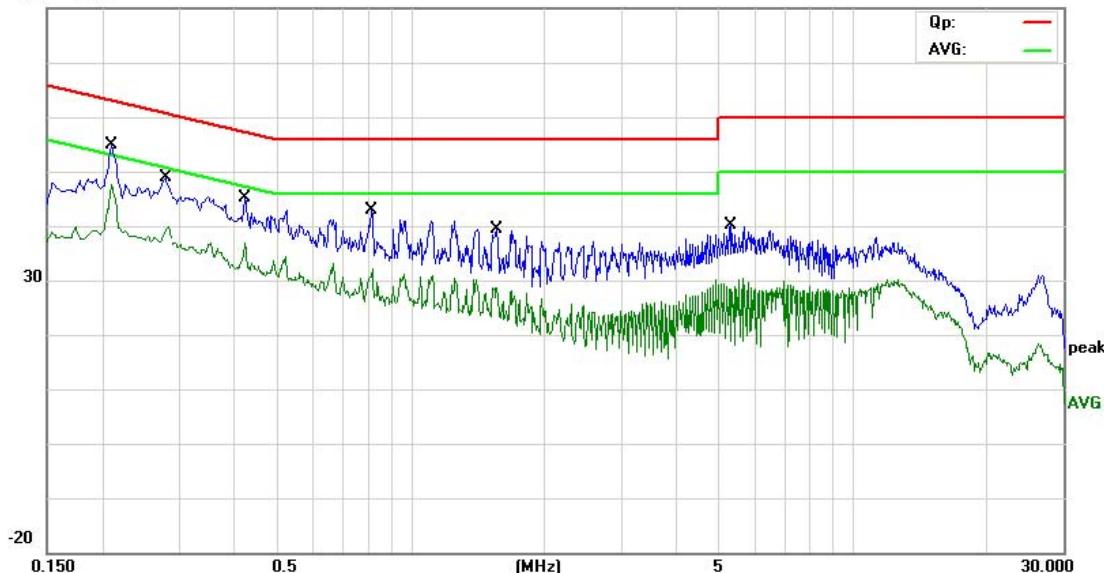
File : PDI-P40LCDE

Data #: 11

Date: 2012-12-08

Time: 16:02:59

80.0 dBuV



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-P40LCDE

Mode: FM 107.3MHz

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	42.96	11.93	54.89	63.21	-8.32	QP	
2		0.2780	37.41	11.48	48.89	60.88	-11.99	QP	
3		0.4220	34.69	10.52	45.21	57.41	-12.20	QP	
4		0.8140	32.91	10.00	42.91	56.00	-13.09	QP	
5		1.5660	29.96	9.43	39.39	56.00	-16.61	QP	
6		5.3300	28.23	11.80	40.03	60.00	-19.97	QP	

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

Engineer Signature: Sky



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

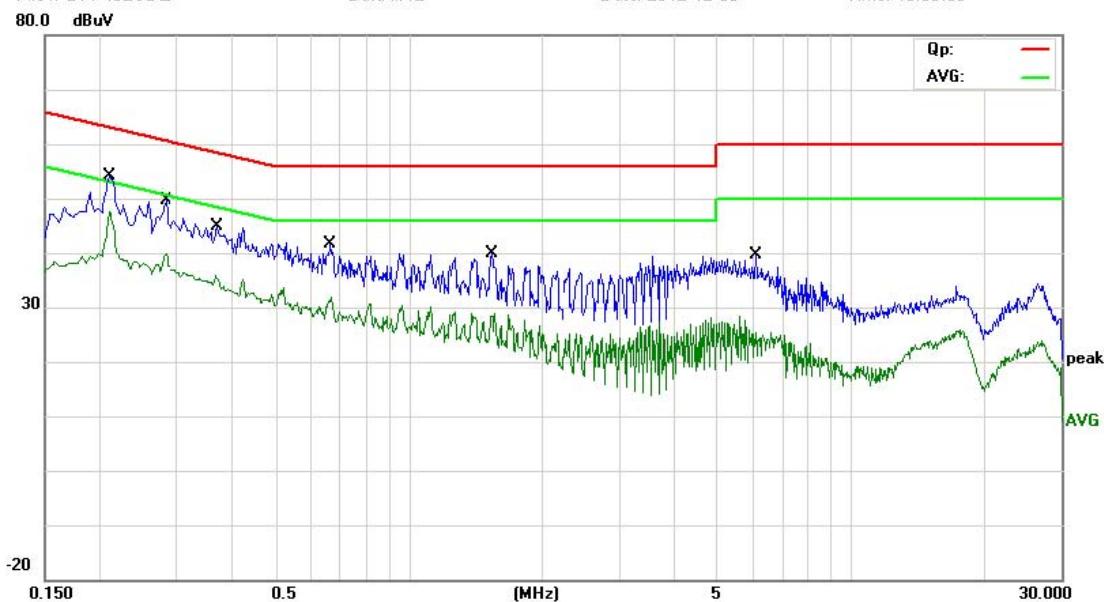
Conducted Emission Measurement

File : PDI-P40LCDE

Data : #12

Date: 2012-12-08

Time: 16:05:50



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-P40LCDE

Mode: FM 107.3MHz

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dB			
1	*	0.2100	42.14	11.93	54.07	63.21	-9.14	QP	
2		0.2820	38.22	11.45	49.67	60.76	-11.09	QP	
3		0.3700	33.95	10.87	44.82	58.50	-13.68	QP	
4		0.6660	31.52	10.00	41.52	56.00	-14.48	QP	
5		1.5420	30.36	9.46	39.82	56.00	-16.18	QP	
6		6.1020	28.22	11.34	39.56	60.00	-20.44	QP	

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

Engineer Signature: Sky



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

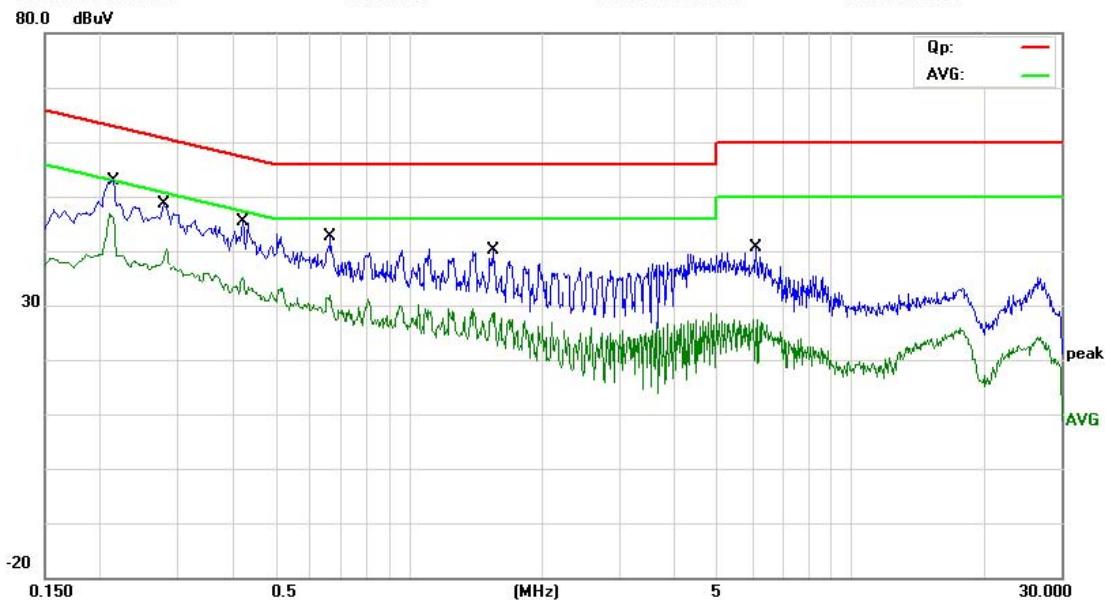
Conducted Emission Measurement

File : PDI-P40LCDE

Data : #13

Date: 2012-12-08

Time: 16:08:23



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-P40LCDE

Mode: ATV 02

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2140	40.96	11.91	52.87	63.05	-10.18	QP	
2		0.2780	37.06	11.48	48.54	60.88	-12.34	QP	
3		0.4220	34.93	10.52	45.45	57.41	-11.96	QP	
4		0.6660	32.55	10.00	42.55	56.00	-13.45	QP	
5		1.5460	30.71	9.45	40.16	56.00	-15.84	QP	
6		6.0980	29.33	11.34	40.67	60.00	-19.33	QP	

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

Engineer Signature: Sky



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

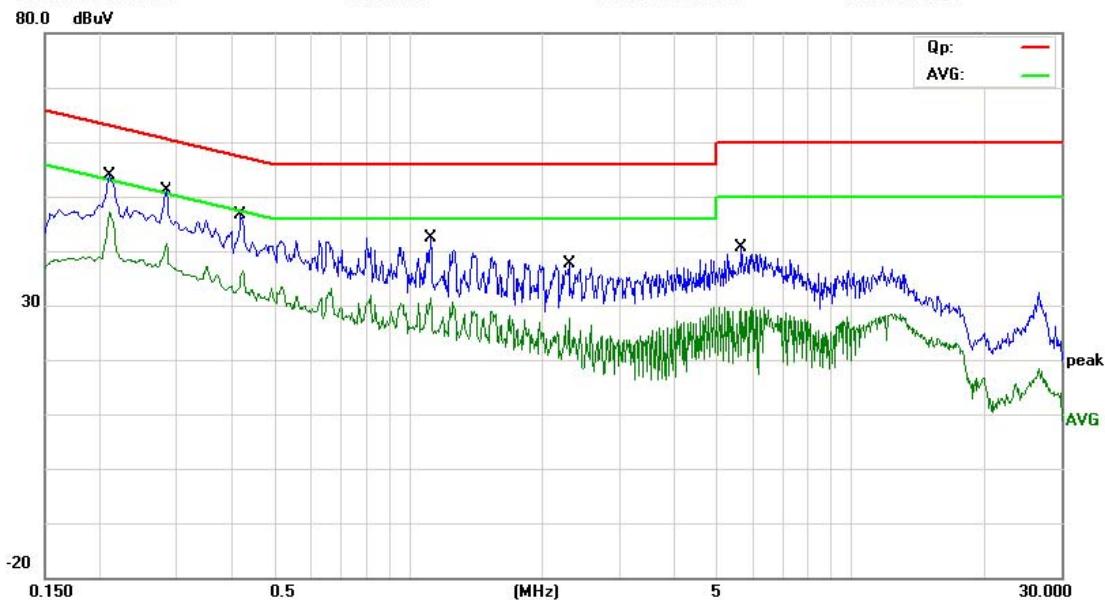
Conducted Emission Measurement

File : PDI-P40LCDE

Data : #14

Date: 2012-12-08

Time: 16:11:26



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-P40LCDE

Mode: ATV 02

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dB			
1	*	0.2100	41.84	11.93	53.77	63.21	-9.44	QP	
2		0.2820	39.68	11.45	51.13	60.76	-9.63	QP	
3		0.4180	36.08	10.55	46.63	57.49	-10.86	QP	
4		1.1220	32.40	9.88	42.28	56.00	-13.72	QP	
5		2.3180	28.40	9.32	37.72	56.00	-18.28	QP	
6		5.6820	29.16	11.59	40.75	60.00	-19.25	QP	

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

Engineer Signature: Sky



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

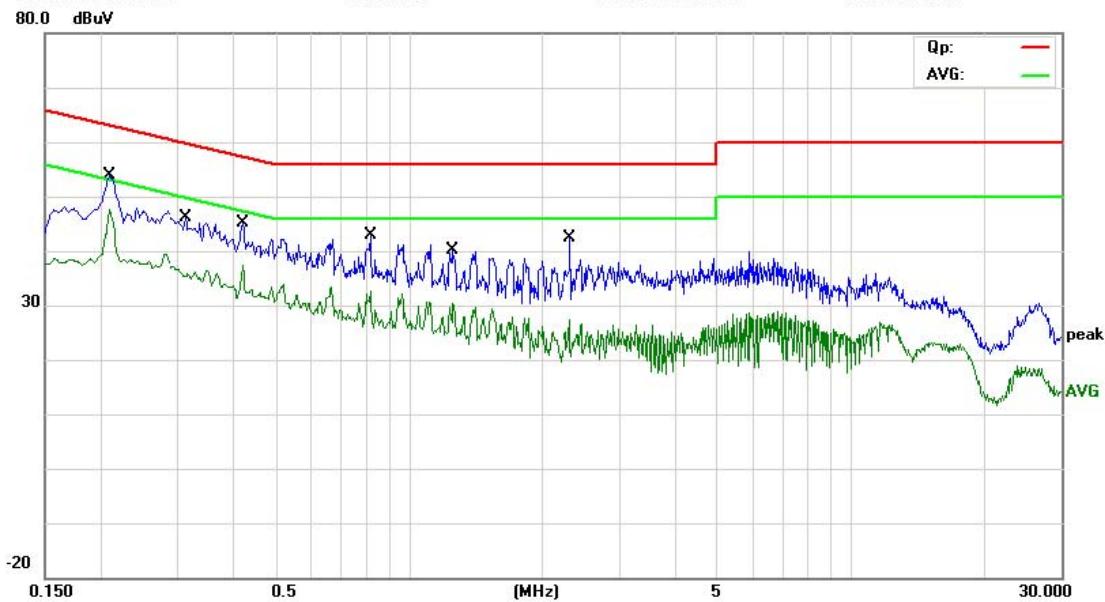
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 15

Date: 2012-12-08

Time: 16:15:50



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-P40LCDE

Mode: ATV 14

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.84	11.93	53.77	63.21	-9.44	QP	
2		0.3140	34.85	11.24	46.09	59.86	-13.77	QP	
3		0.4220	34.64	10.52	45.16	57.41	-12.25	QP	
4		0.8180	32.81	10.00	42.81	56.00	-13.19	QP	
5		1.2620	30.42	9.74	40.16	56.00	-15.84	QP	
6		2.3260	33.02	9.33	42.35	56.00	-13.65	QP	

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

Engineer Signature: Sky



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

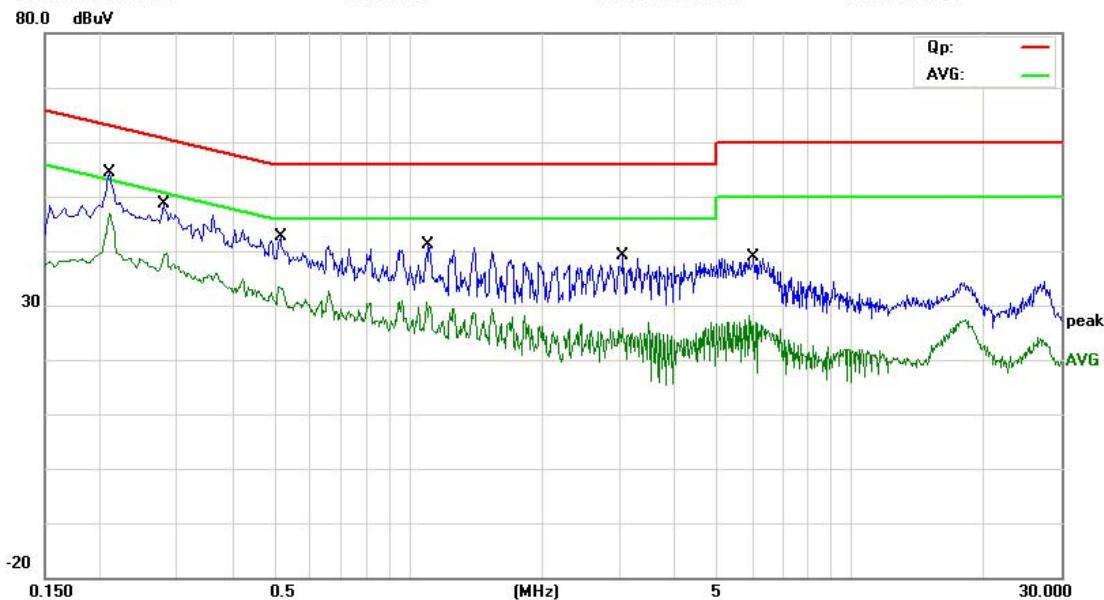
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: #16

Date: 2012-12-08

Time: 16:17:28



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-P40LCDE

Mode: ATV 14

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	42.41	11.93	54.34	63.21	-8.87	QP	
2		0.2780	37.03	11.48	48.51	60.88	-12.37	QP	
3		0.5140	32.64	10.00	42.64	56.00	-13.36	QP	
4		1.1060	31.35	9.89	41.24	56.00	-14.76	QP	
5		3.0580	29.08	10.06	39.14	56.00	-16.86	QP	
6		6.0300	27.40	11.38	38.78	60.00	-21.22	QP	

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

Engineer Signature: Sky



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

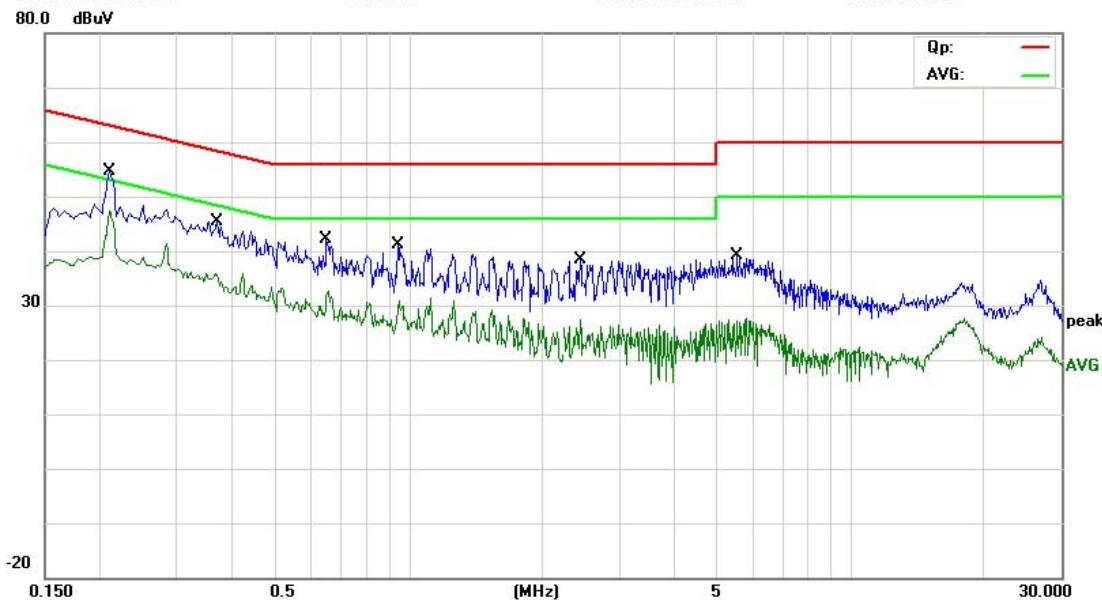
Conducted Emission Measurement

File : PDI-P40LCDE

Data : #17

Date: 2012-12-08

Time: 16:19:24



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-P40LCDE

Mode: ATV 69

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	42.65	11.93	54.58	63.21	-8.63	QP	
2		0.3700	34.51	10.87	45.38	58.50	-13.12	QP	
3		0.6540	32.00	10.00	42.00	56.00	-14.00	QP	
4		0.9460	31.10	10.00	41.10	56.00	-14.90	QP	
5		2.4540	28.93	9.45	38.38	56.00	-17.62	QP	
6		5.5380	27.39	11.68	39.07	60.00	-20.93	QP	

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

Engineer Signature: Sky



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

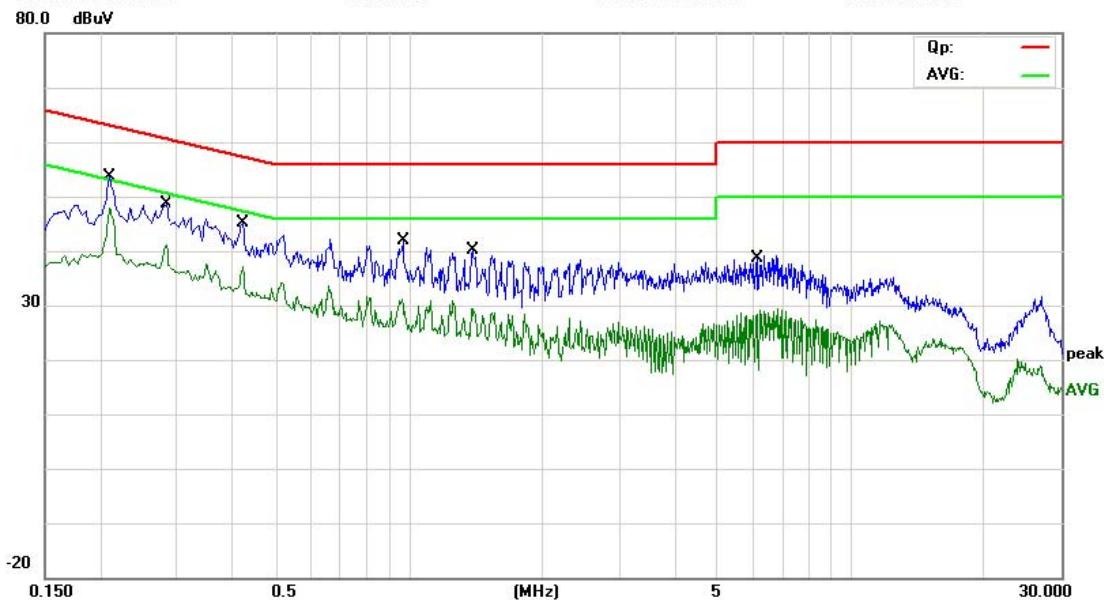
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 18

Date: 2012-12-08

Time: 16:21:13



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-P40LCDE

Mode: ATV 69

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.68	11.93	53.61	63.21	-9.60	QP	
2		0.2820	37.08	11.45	48.53	60.76	-12.23	QP	
3		0.4220	34.70	10.52	45.22	57.41	-12.19	QP	
4		0.9700	31.80	10.00	41.80	56.00	-14.20	QP	
5		1.3940	30.48	9.61	40.09	56.00	-15.91	QP	
6		6.1700	27.26	11.30	38.56	60.00	-21.44	QP	

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

Engineer Signature: Sky



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

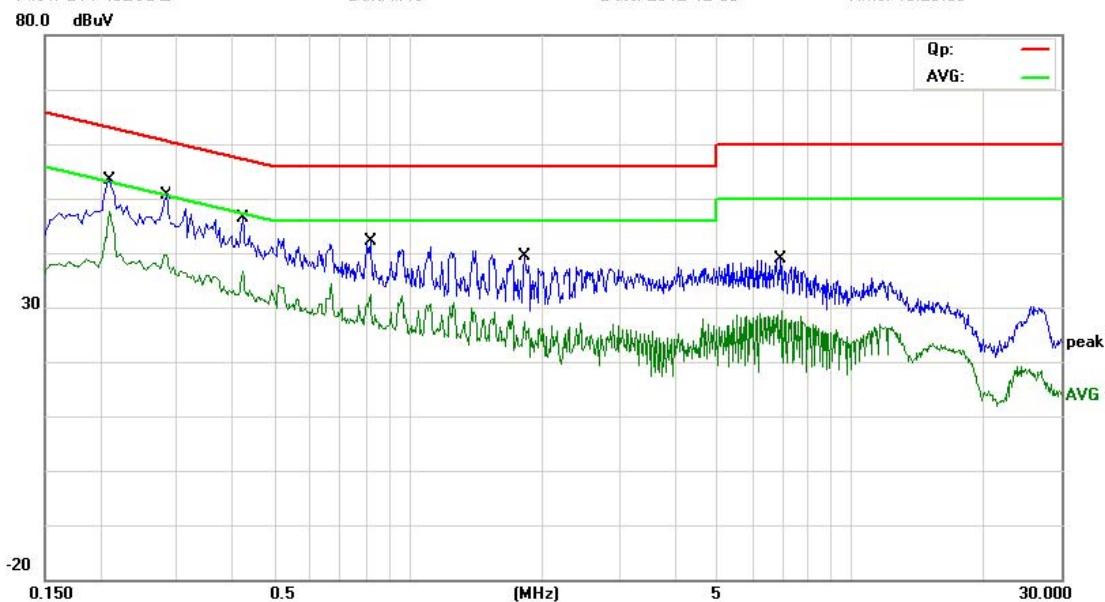
Conducted Emission Measurement

File : PDI-P40LCDE

Data : #19

Date: 2012-12-08

Time: 16:23:08



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-P40LCDE

Mode: DTV 02

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.54	11.93	53.47	63.21	-9.74	QP	
2		0.2820	39.07	11.45	50.52	60.76	-10.24	QP	
3		0.4220	35.76	10.52	46.28	57.41	-11.13	QP	
4		0.8180	32.02	10.00	42.02	56.00	-13.98	QP	
5		1.8260	30.14	9.17	39.31	56.00	-16.69	QP	
6		6.9420	28.13	10.83	38.96	60.00	-21.04	QP	

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

Engineer Signature: Sky



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

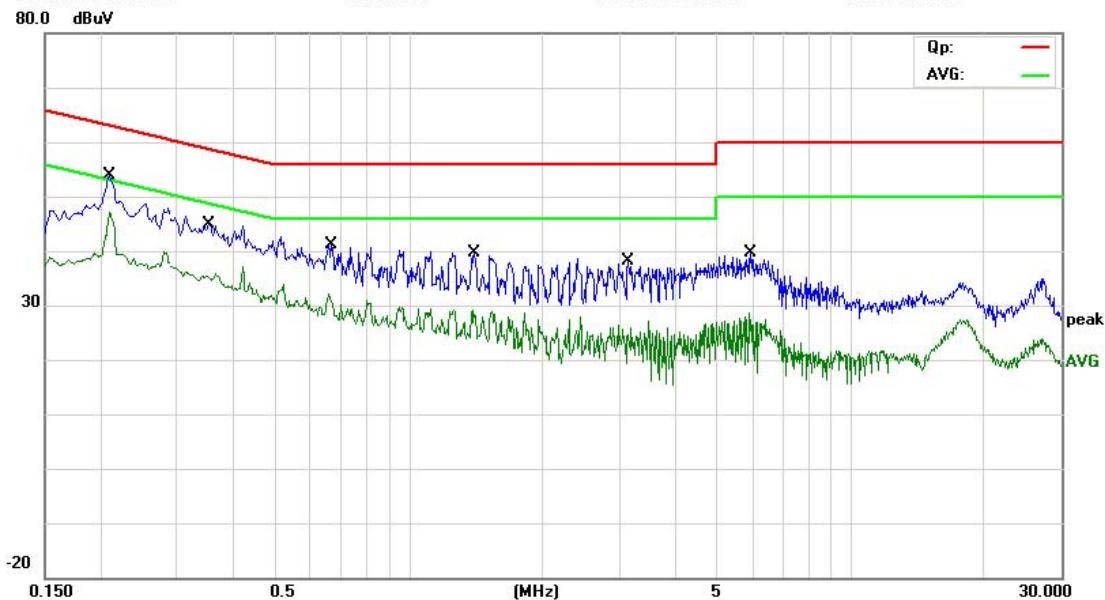
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 20

Date: 2012-12-08

Time: 16:26:44



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-P40LCDE

Mode: DTV 02

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	42.05	11.93	53.98	63.21	-9.23	QP	
2		0.3540	33.85	10.97	44.82	58.87	-14.05	QP	
3		0.6700	31.00	10.00	41.00	56.00	-15.00	QP	
4		1.4060	29.99	9.59	39.58	56.00	-16.42	QP	
5		3.1540	27.86	10.15	38.01	56.00	-17.99	QP	
6		5.9580	28.24	11.43	39.67	60.00	-20.33	QP	

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

Engineer Signature: Sky



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

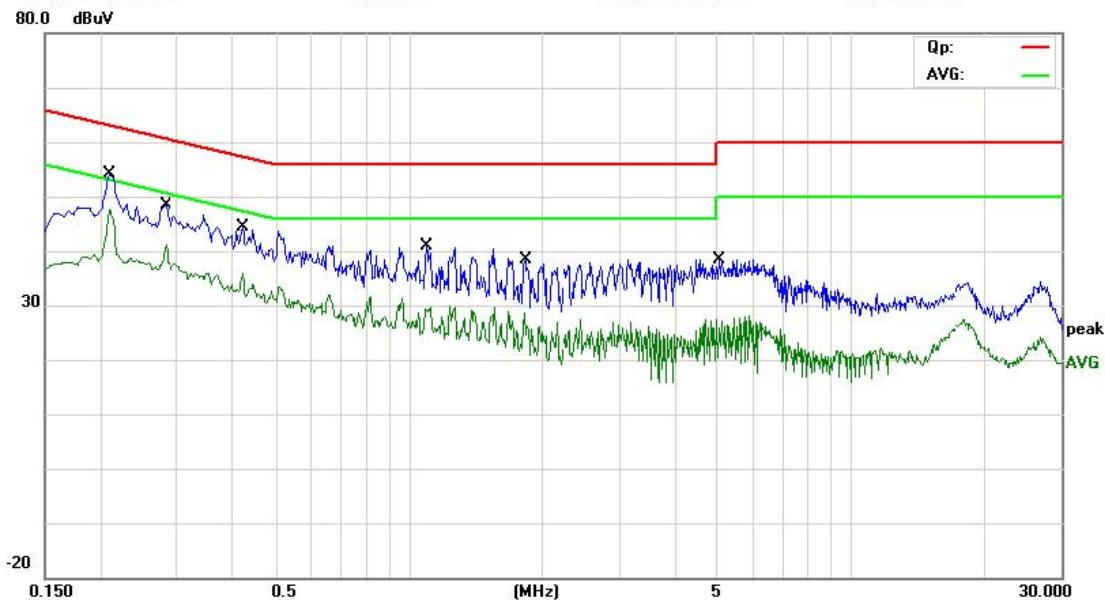
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 21

Date: 2012-12-08

Time: 16:29:33



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-P40LCDE

Mode: DTV 14

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	42.29	11.93	54.22	63.21	-8.99	QP	
2		0.2820	36.86	11.45	48.31	60.76	-12.45	QP	
3		0.4220	33.80	10.52	44.32	57.41	-13.09	QP	
4		1.0940	30.90	9.91	40.81	56.00	-15.19	QP	
5		1.8340	29.26	9.17	38.43	56.00	-17.57	QP	
6		5.0580	26.46	11.97	38.43	60.00	-21.57	QP	

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

Engineer Signature: Sky



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

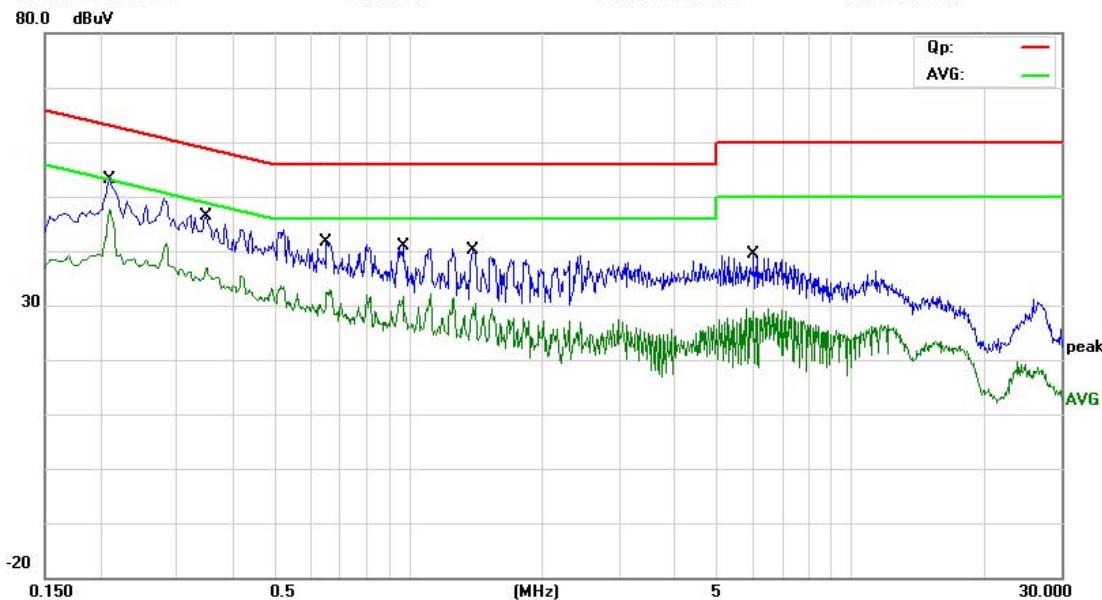
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 22

Date: 2012-12-08

Time: 16:32:07



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-P40LCDE

Mode: DTV 14

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.24	11.93	53.17	63.21	-10.04	QP	
2		0.3500	35.49	11.00	46.49	58.96	-12.47	QP	
3		0.6540	31.68	10.00	41.68	56.00	-14.32	QP	
4		0.9700	30.91	10.00	40.91	56.00	-15.09	QP	
5		1.4020	30.45	9.60	40.05	56.00	-15.95	QP	
6		6.0300	27.87	11.38	39.25	60.00	-20.75	QP	

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

Engineer Signature: Sky



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

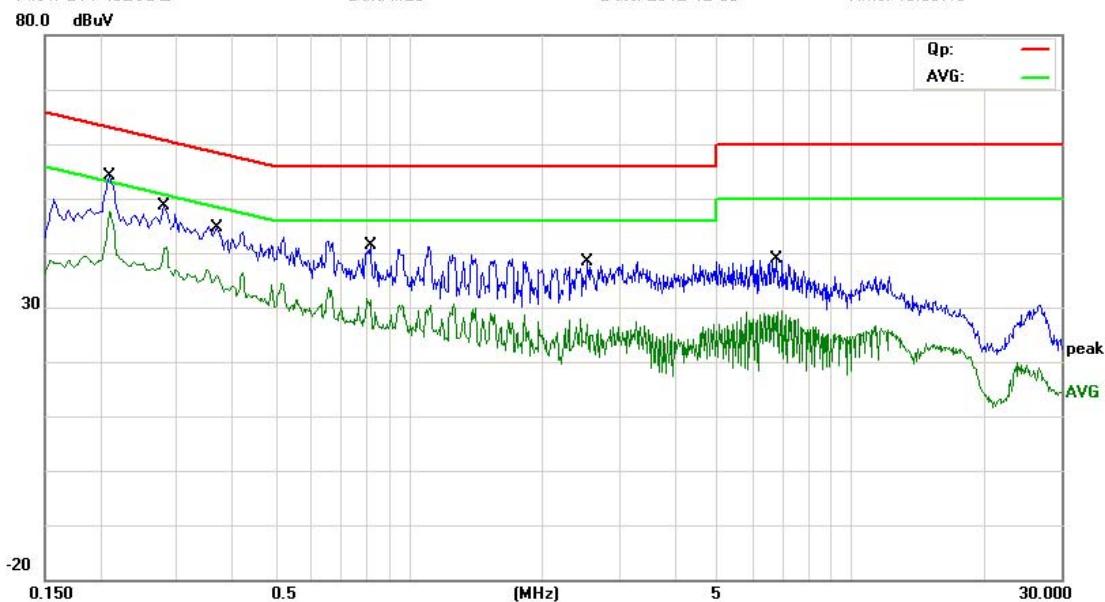
Conducted Emission Measurement

File : PDI-P40LCDE

Data : #23

Date: 2012-12-08

Time: 16:35:16



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-P40LCDE

Mode: DTV 69

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	42.25	11.93	54.18	63.21	-9.03	QP	
2		0.2780	37.20	11.48	48.68	60.88	-12.20	QP	
3		0.3711	33.15	10.86	44.01	58.48	-14.47	QP	
4		0.8180	31.29	10.00	41.29	56.00	-14.71	QP	
5		2.5460	28.93	9.55	38.48	56.00	-17.52	QP	
6		6.7980	28.04	10.92	38.96	60.00	-21.04	QP	

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

Engineer Signature: Sky



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

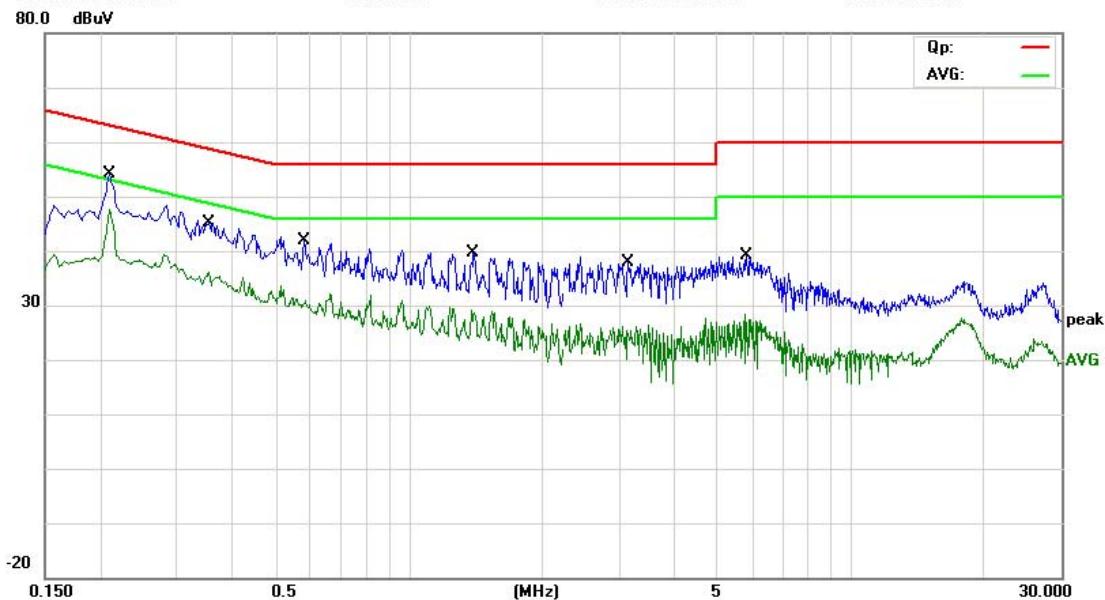
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 24

Date: 2012-12-08

Time: 16:38:35



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-P40LCDE

Mode: DTV 69

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	42.31	11.93	54.24	63.21	-8.97	QP	
2		0.3540	34.06	10.97	45.03	58.87	-13.84	QP	
3		0.5820	31.93	10.00	41.93	56.00	-14.07	QP	
4		1.4020	30.05	9.60	39.65	56.00	-16.35	QP	
5		3.1420	27.80	10.14	37.94	56.00	-18.06	QP	
6		5.8180	27.70	11.51	39.21	60.00	-20.79	QP	

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

Engineer Signature: Sky



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

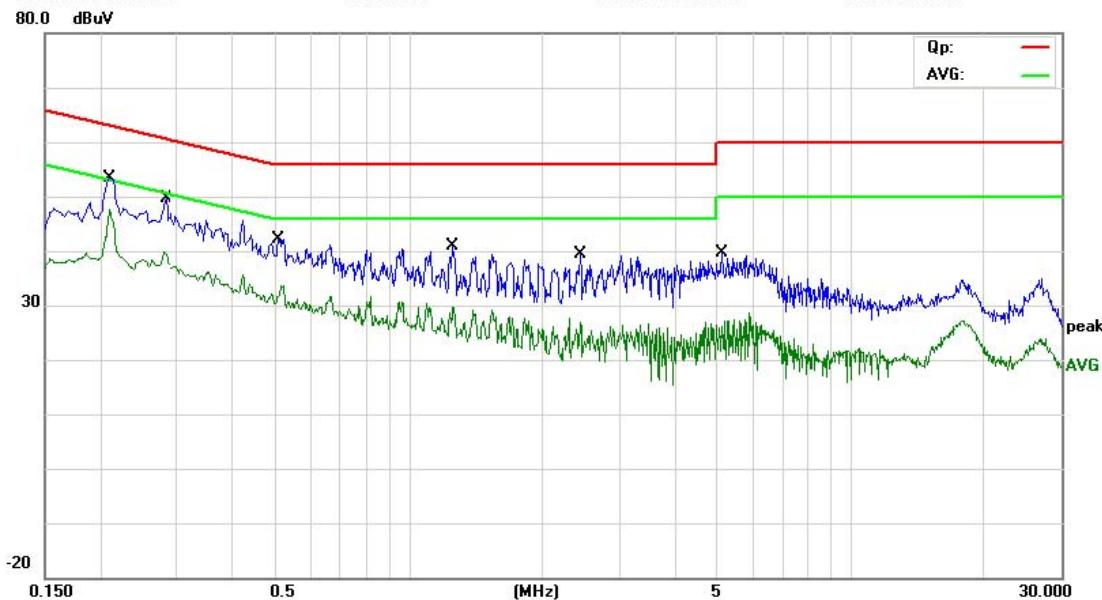
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 25

Date: 2012-12-08

Time: 16:43:06



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-P40LCDE

Mode: USB Recording

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.37	11.93	53.30	63.21	-9.91	QP	
2		0.2820	38.22	11.45	49.67	60.76	-11.09	QP	
3		0.5100	32.23	10.00	42.23	56.00	-13.77	QP	
4		1.2500	31.14	9.75	40.89	56.00	-15.11	QP	
5		2.4540	29.88	9.45	39.33	56.00	-16.67	QP	
6		5.1180	27.78	11.93	39.71	60.00	-20.29	QP	

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

Engineer Signature: Sky



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

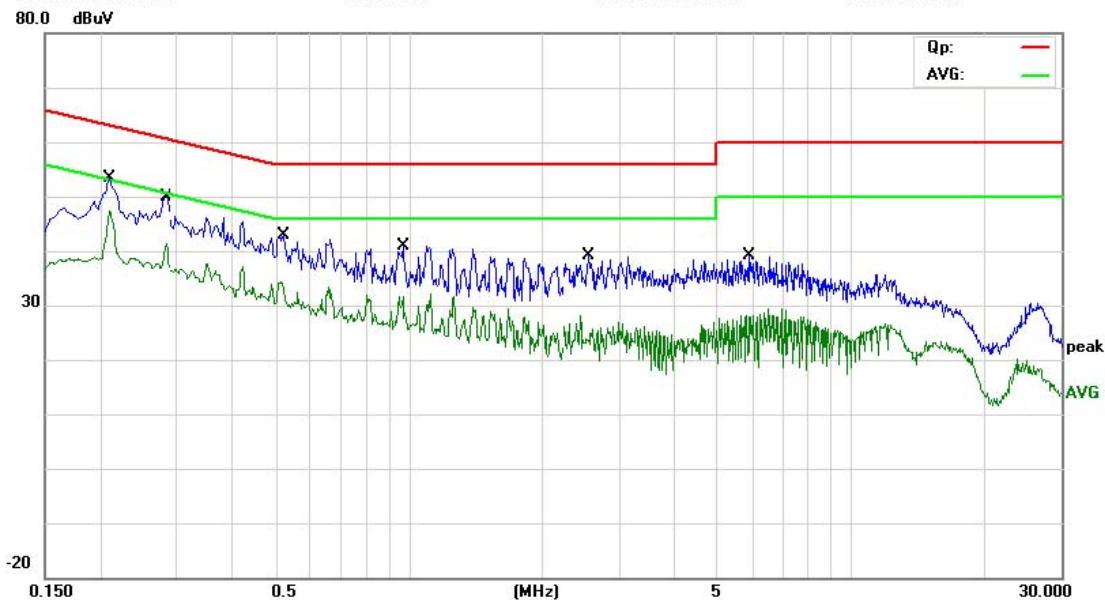
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 26

Date: 2012-12-08

Time: 16:47:07



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-P40LCDE

Mode: USB Recording

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.32	11.93	53.25	63.21	-9.96	QP	
2		0.2820	38.49	11.45	49.94	60.76	-10.82	QP	
3		0.5220	32.77	10.00	42.77	56.00	-13.23	QP	
4		0.9700	30.81	10.00	40.81	56.00	-15.19	QP	
5		2.5540	29.57	9.55	39.12	56.00	-16.88	QP	
6		5.8860	27.54	11.47	39.01	60.00	-20.99	QP	

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

Engineer Signature: Sky



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

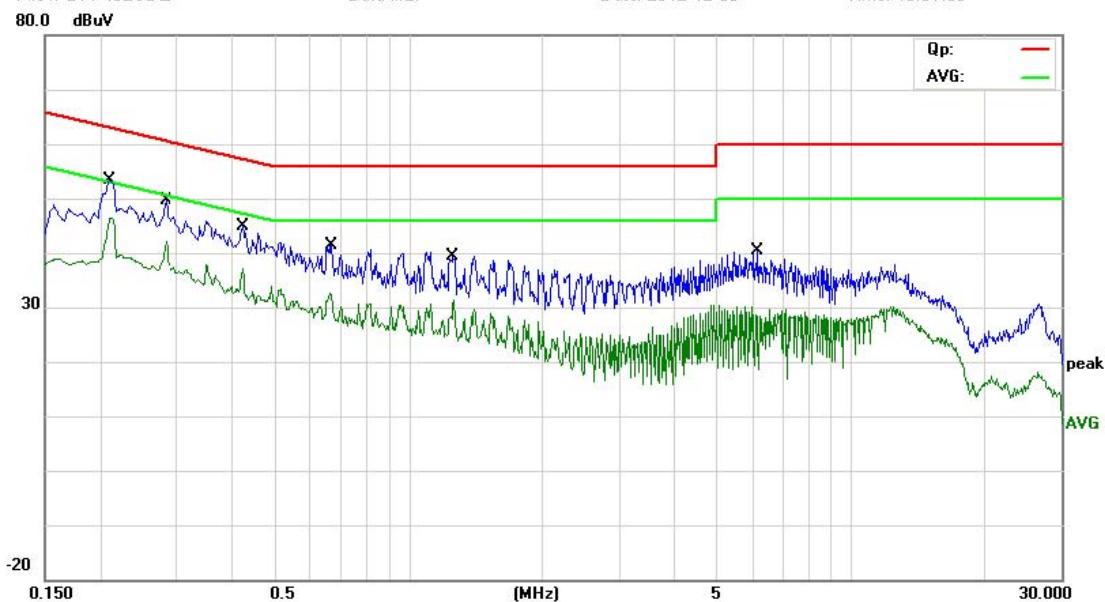
Conducted Emission Measurement

File : PDI-P40LCDE

Data : #27

Date: 2012-12-08

Time: 16:51:05



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-P40LCDE

Mode: HDMI Mode

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.55	11.93	53.48	63.21	-9.73	QP	
2		0.2820	38.07	11.45	49.52	60.76	-11.24	QP	
3		0.4220	34.35	10.52	44.87	57.41	-12.54	QP	
4		0.6700	31.45	10.00	41.45	56.00	-14.55	QP	
5		1.2620	29.58	9.74	39.32	56.00	-16.68	QP	
6		6.1740	29.17	11.30	40.47	60.00	-19.53	QP	

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

Engineer Signature: Sky



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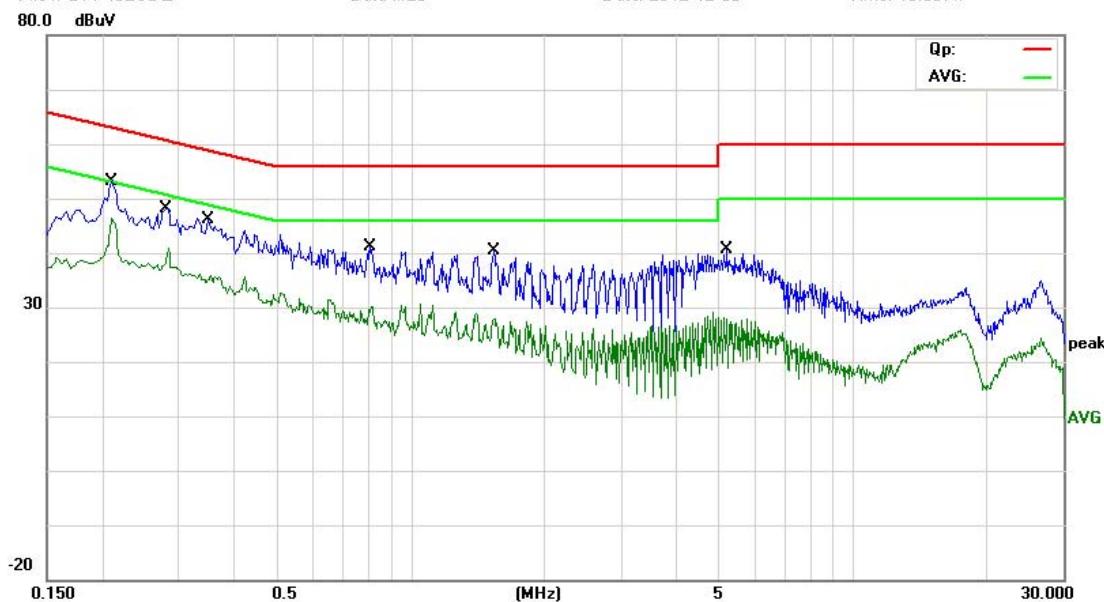
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 28

Date: 2012-12-08

Time: 16:55:47



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-P40LCDE

Mode: HDMI Mode

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.31	11.93	53.24	63.21	-9.97	QP	
2		0.2780	36.64	11.48	48.12	60.88	-12.76	QP	
3		0.3500	35.17	11.00	46.17	58.96	-12.79	QP	
4		0.8100	31.12	10.00	41.12	56.00	-14.88	QP	
5		1.5420	30.84	9.46	40.30	56.00	-15.70	QP	
6		5.1940	28.85	11.88	40.73	60.00	-19.27	QP	

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

Engineer Signature: Sky



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

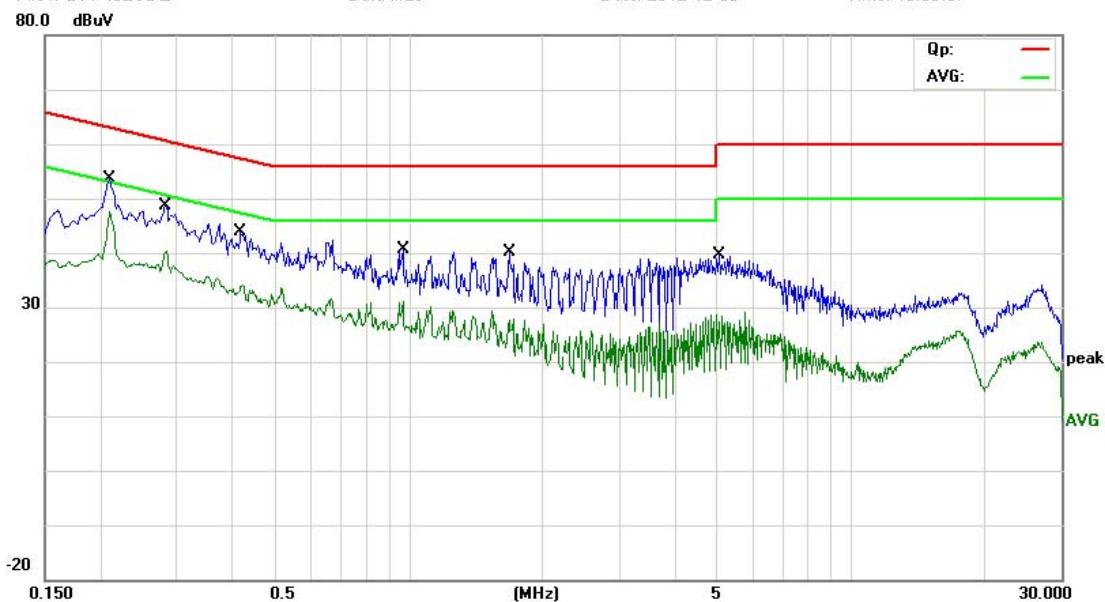
Conducted Emission Measurement

File : PDI-P40LCDE

Data : #29

Date: 2012-12-08

Time: 16:58:07



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-P40LCDE

Mode: SD Playing

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	41.62	11.93	53.55	63.21	-9.66	QP	
2		0.2820	36.94	11.45	48.39	60.76	-12.37	QP	
3		0.4193	32.88	10.54	43.42	57.46	-14.04	QP	
4		0.9700	30.58	10.00	40.58	56.00	-15.42	QP	
5		1.6820	30.83	9.32	40.15	56.00	-15.85	QP	
6		5.0540	27.65	11.97	39.62	60.00	-20.38	QP	

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

Engineer Signature: Sky



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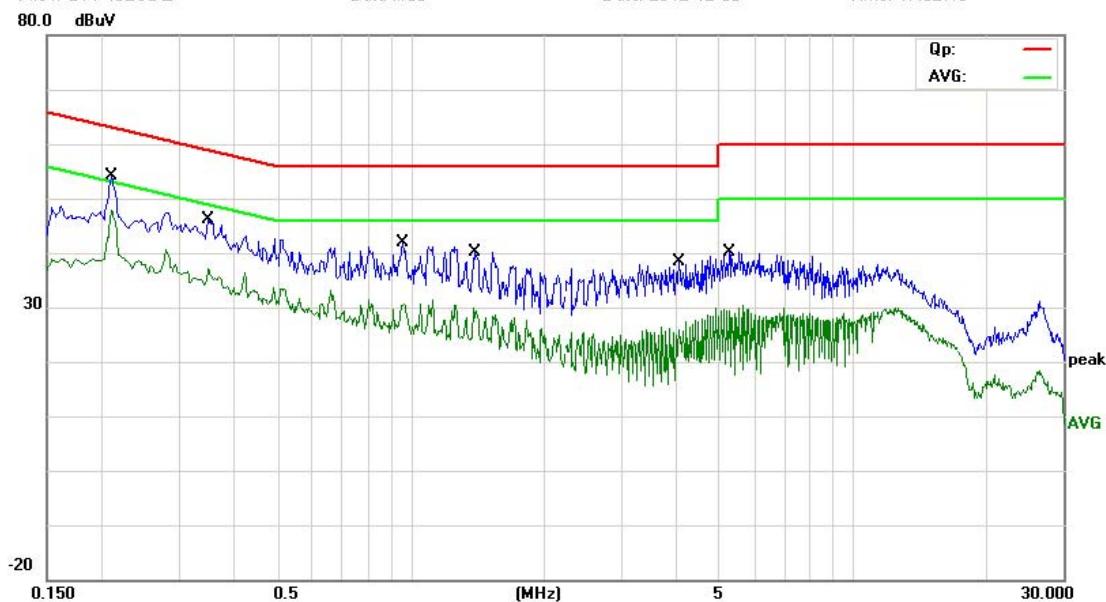
Conducted Emission Measurement

File : PDI-P40LCDE

Data #: 30

Date: 2012-12-08

Time: 17:02:10



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-P40LCDE

Mode: SD Playing

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.2100	42.16	11.93	54.09	63.21	-9.12	QP	
2		0.3500	35.12	11.00	46.12	58.96	-12.84	QP	
3		0.9620	31.78	10.00	41.78	56.00	-14.22	QP	
4		1.4020	30.51	9.60	40.11	56.00	-15.89	QP	
5		4.0700	27.32	11.07	38.39	56.00	-17.61	QP	
6		5.2620	28.40	11.84	40.24	60.00	-19.76	QP	

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

Engineer Signature: Sky

6. TEST RADIATED EMISSION REQUIREMENT

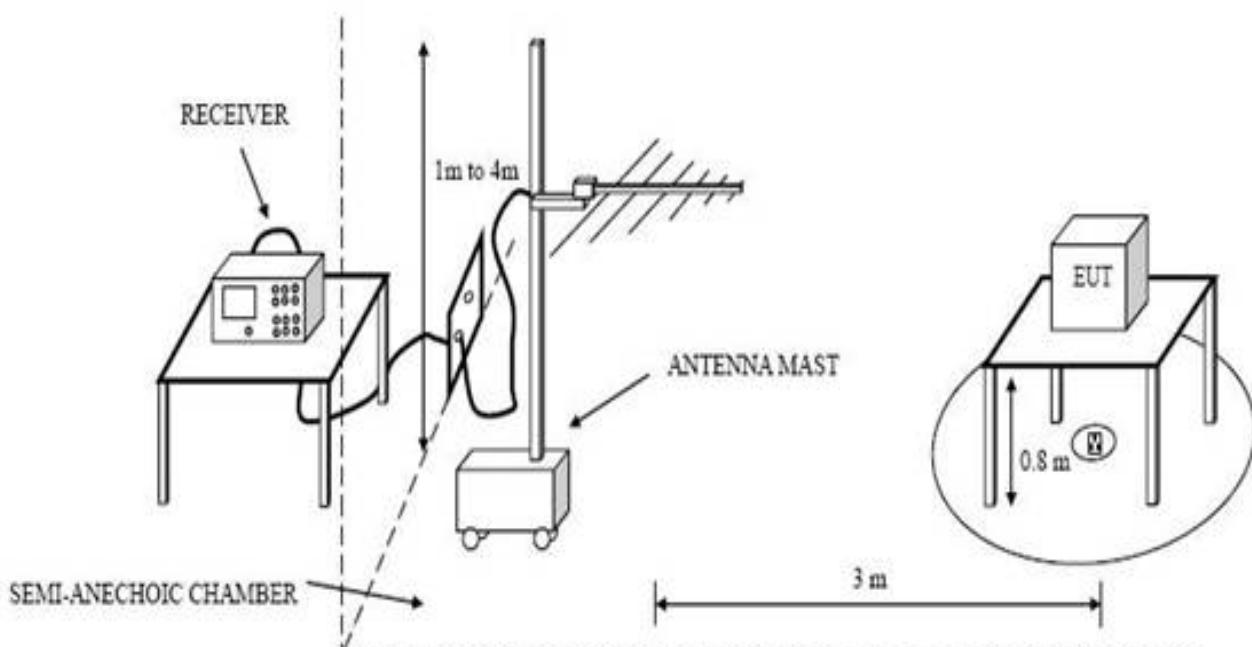
6.1 Limits Of Radiated Disturbances At 3m Distances For Class B

Frequency MHz	Field Strength uV/m	Field Strength dBuV/m	Detector
30-88	100	40	QP
88-216	150	43.5	QP
216-960	200	46	QP
960-1000	500	54	QP
Above 1000	500	54	AV
Above 1000	5000	74	PK

Note: Adjust the brightness and contrast to maximum

Emissions attenuated more than 20 dB below the permissible value are not reported.

6.2: Block Of Radiation Interference



6.3 Preliminary Radiated Emission Test

In the frequency range above 30MHz,Bi-log Test Antenna(30MHz to 1GHz)and Horn Test Antenna (above 1GHz)are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. The emission levels at both horizontal and vertical polarizations should be tested.

Preliminary Radiated Emission Test			
Frequency Range Investigated		30MHz to 5000MHz	
Mode of operation	Details	Phase	Date#
VGA Display	800*600	H/V	Page 41- Page 46
	1024*768	H/V	
	1280*1024	H/V	
FM	88.1MHz	H/V	Page 47- Page 52
	98.1MHz	H/V	
	107.9MHz	H/V	
ATV	CH 02	H/V	Page 53- Page 58
	CH 14	H/V	
	CH 69	H/V	
DTV	CH 02	H/V	Page 59- Page 64
	CH 14	H/V	
	CH 69	H/V	
USB Recording	/	H/V	Page 65- Page 66
HDMI Mode	/	H/V	Page 67- Page 68
SD Playing	/	H/V	Page 69- Page 70

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



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Radiated Emission Measurement

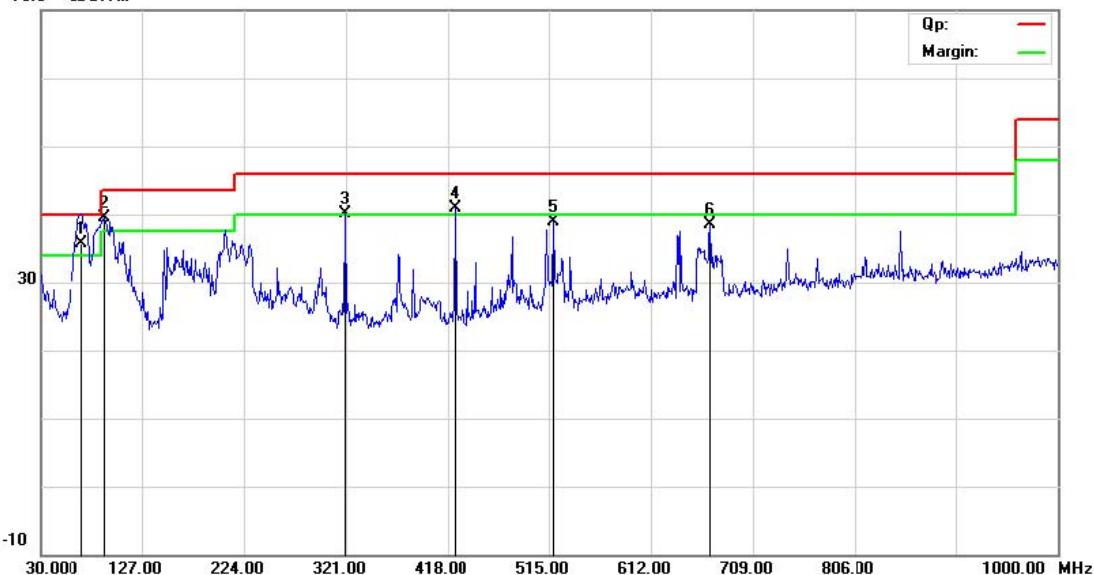
File : PDI-P40LCDE

Data : #1

Date: 2012-12-6

Time: 8:55:16

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: Running "H" Parttern

Note: VGA:1600*1200@60Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	!	68.9600	24.00	11.62	35.62	40.00	-4.38	QP		0
2	*	91.1100	28.01	11.54	39.55	43.50	-3.95	QP		0
3	!	320.0300	23.09	17.00	40.09	46.00	-5.91	QP		0
4	!	424.7900	20.58	20.29	40.87	46.00	-5.13	QP		0
5		519.8500	17.03	21.79	38.82	46.00	-7.18	QP		0
6		668.2600	14.00	24.43	38.43	46.00	-7.57	QP		0

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

Engineer Signature: Sky



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

Radiated Emission Measurement

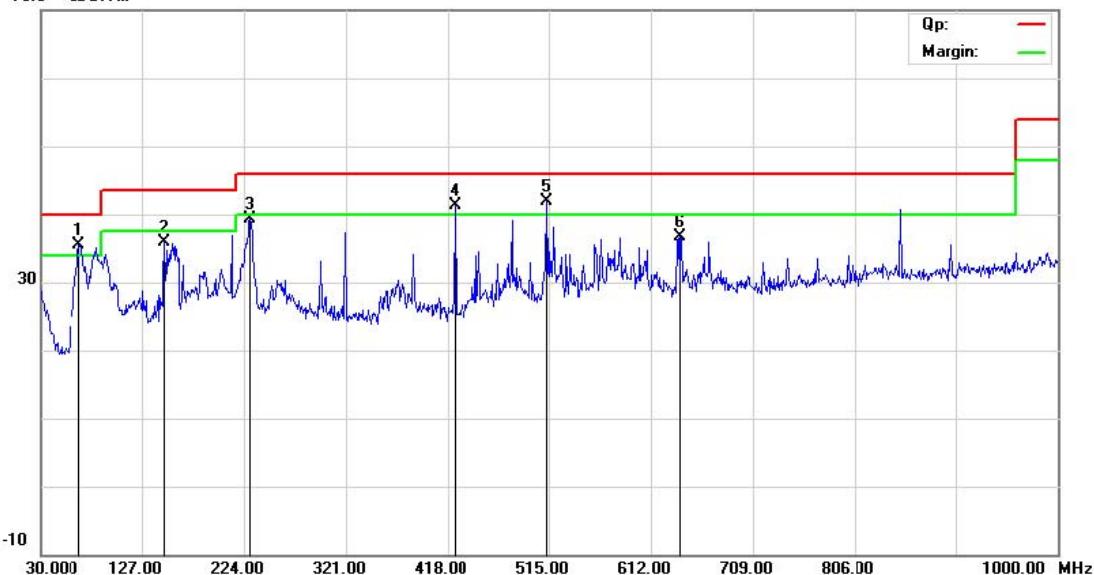
File : PDI-P40LCDE

Data : #2

Date: 2012-12-6

Time: 9:01:10

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: Running "H" Parttern

Note: VGA:1600*1200@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	!	66.8600	24.04	11.45	35.49	40.00	-4.51	QP		0	
2		148.3400	19.28	16.63	35.91	43.50	-7.59	QP		0	
3		229.8200	22.81	16.50	39.31	46.00	-6.69	QP		0	
4	!	424.7900	21.04	20.29	41.33	46.00	-4.67	QP		0	
5	*	513.0600	20.31	21.56	41.87	46.00	-4.13	QP		0	
6		640.1300	12.65	24.00	36.65	46.00	-9.35	QP		0	

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

Engineer Signature: Sky



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

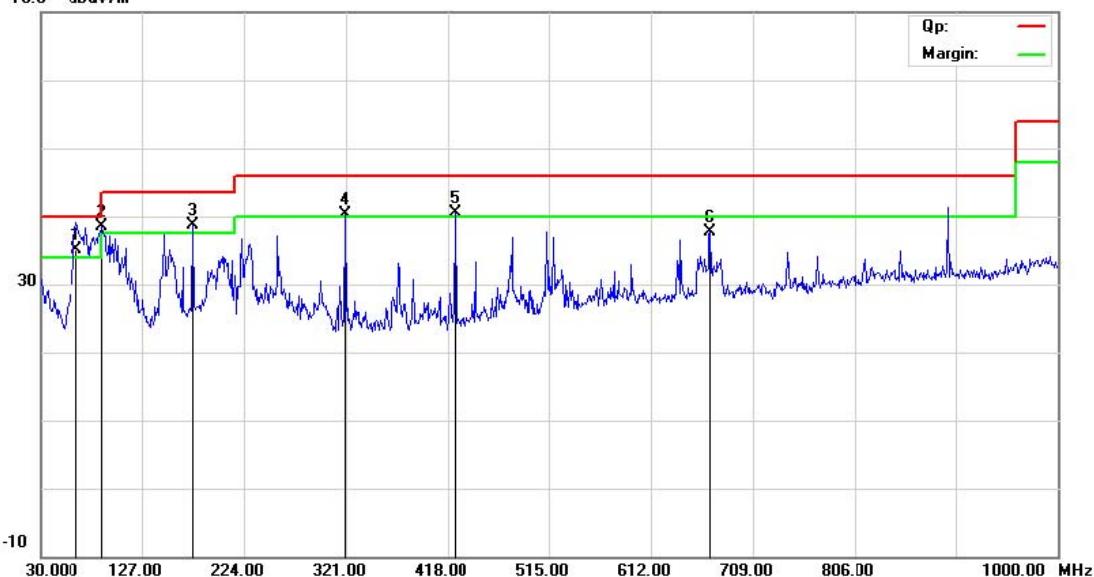
File : PDI-P40LCDE

Data : #3

Date: 2012-12-6

Time: 9:08:39

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: Running "H" Parttern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	63.9600	24.00	11.20	35.20	40.00	-4.80	QP		0
2	!	89.1700	27.07	11.38	38.45	43.50	-5.05	QP		0
3	!	175.5000	21.74	16.93	38.67	43.50	-4.83	QP		0
4	!	320.0300	23.27	17.00	40.27	46.00	-5.73	QP		0
5	!	424.7900	20.17	20.29	40.46	46.00	-5.54	QP		0
6		668.2600	13.19	24.43	37.62	46.00	-8.38	QP		0

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

Engineer Signature: Sky



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

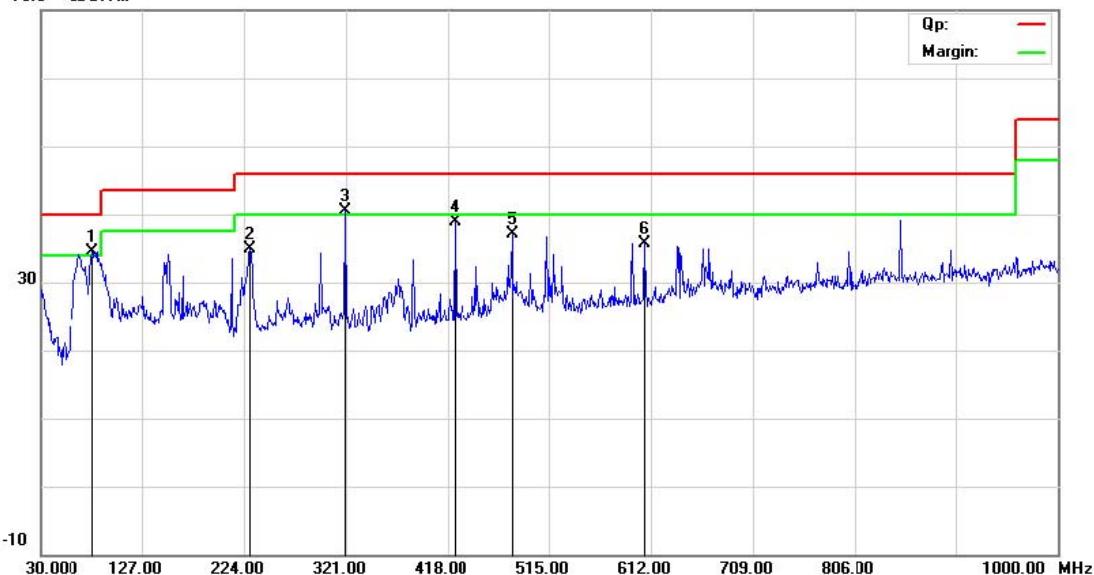
File : PDI-P40LCDE

Data : #4

Date: 2012-12-6

Time: 9:15:23

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: Running "H" Parttern

Note: VGA:1280*1024@60Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	79.4700	23.17	11.43	34.60	40.00	-5.40	QP		0	
2		229.8200	18.32	16.50	34.82	46.00	-11.18	QP		0	
3	!	320.0300	23.41	17.00	40.41	46.00	-5.59	QP		0	
4		424.7900	18.67	20.29	38.96	46.00	-7.04	QP		0	
5		480.0800	15.48	21.70	37.18	46.00	-8.82	QP		0	
6		606.1800	12.55	23.20	35.75	46.00	-10.25	QP		0	

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

Engineer Signature: Sky



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

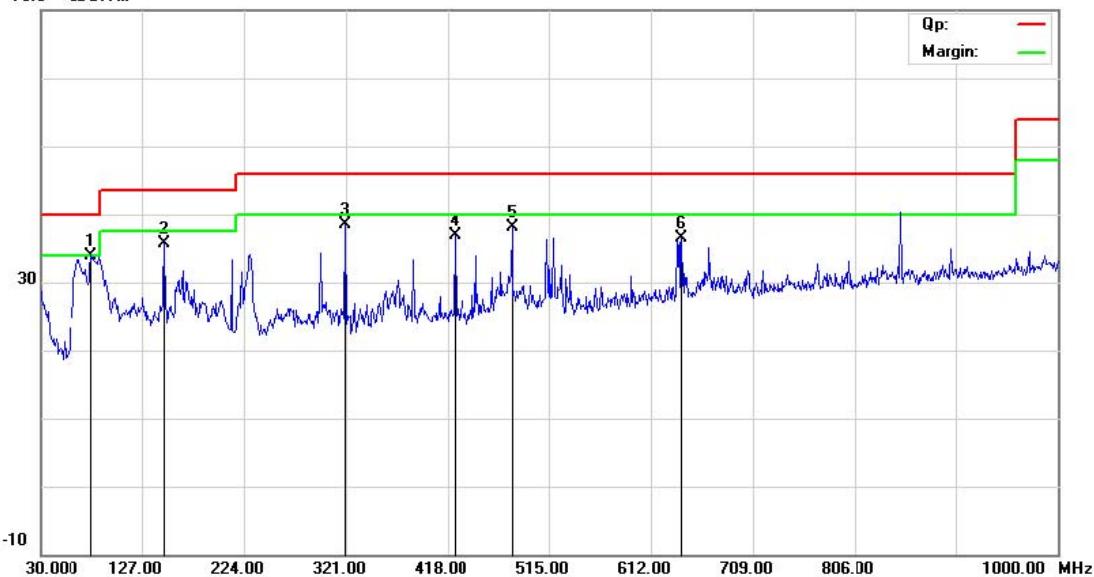
File : PDI-P40LCDE

Data : #5

Date: 2012-12-6

Time: 9:22:42

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: Running "H" Parttern

Note: VGA:800*600@75Hz

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	78.5000	22.52	11.48	34.00	40.00	-6.00	QP	0	
2		148.3400	19.07	16.63	35.70	43.50	-7.80	QP	0	
3		320.0300	21.53	17.00	38.53	46.00	-7.47	QP	0	
4		424.7900	16.58	20.29	36.87	46.00	-9.13	QP	0	
5		480.0800	16.43	21.70	38.13	46.00	-7.87	QP	0	
6		641.1000	12.48	24.01	36.49	46.00	-9.51	QP	0	

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

Engineer Signature: Sky



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Radiated Emission Measurement

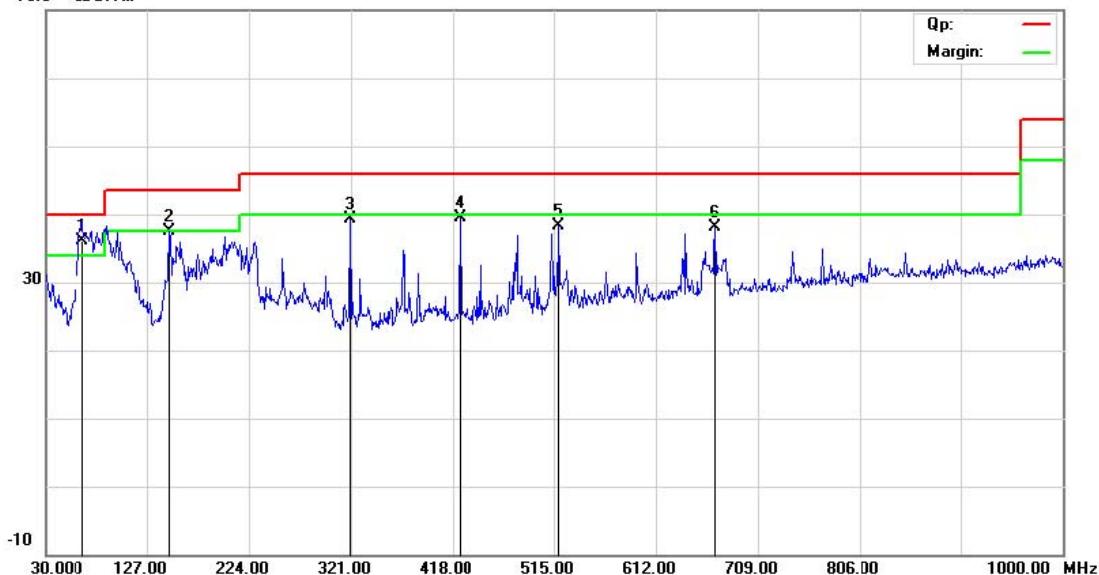
File : PDI-P40LCDE

Data : #6

Date: 2012-12-6

Time: 9:28:17

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: Running "H" Parttem

Note: VGA:800*600@75Hz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	64.9400	24.80	11.30	36.10	40.00	-3.90	QP		0
2	I	148.3400	20.92	16.63	37.55	43.50	-5.95	QP		0
3		320.0300	22.31	17.00	39.31	46.00	-6.69	QP		0
4		424.7900	19.30	20.29	39.59	46.00	-6.41	QP		0
5		519.8500	16.50	21.79	38.29	46.00	-7.71	QP		0
6		668.2600	13.69	24.43	38.12	46.00	-7.88	QP		0

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

Engineer Signature: Sky



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Radiated Emission Measurement

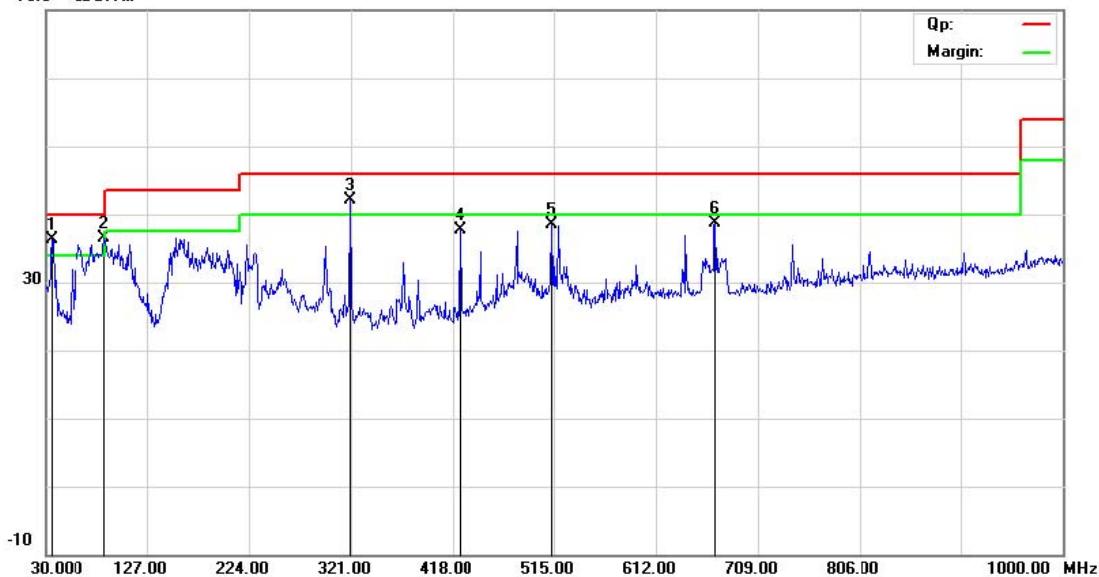
File : PDI-P40LCDE

Data : #7

Date: 2012-12-6

Time: 9:34:58

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: FM 88.3MHz

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	!	35.8200	15.97	20.27	36.24	40.00	-3.76	QP		0
2	*	86.2600	25.10	11.33	36.43	40.00	-3.57	QP		0
3	!	320.0298	25.11	17.00	42.11	46.00	-3.89	QP		0
4		424.7900	17.51	20.29	37.80	46.00	-8.20	QP		0
5		513.0598	16.95	21.56	38.51	46.00	-7.49	QP		0
6		668.2600	14.24	24.43	38.67	46.00	-7.33	QP		0

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

Engineer Signature: Sky



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Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement

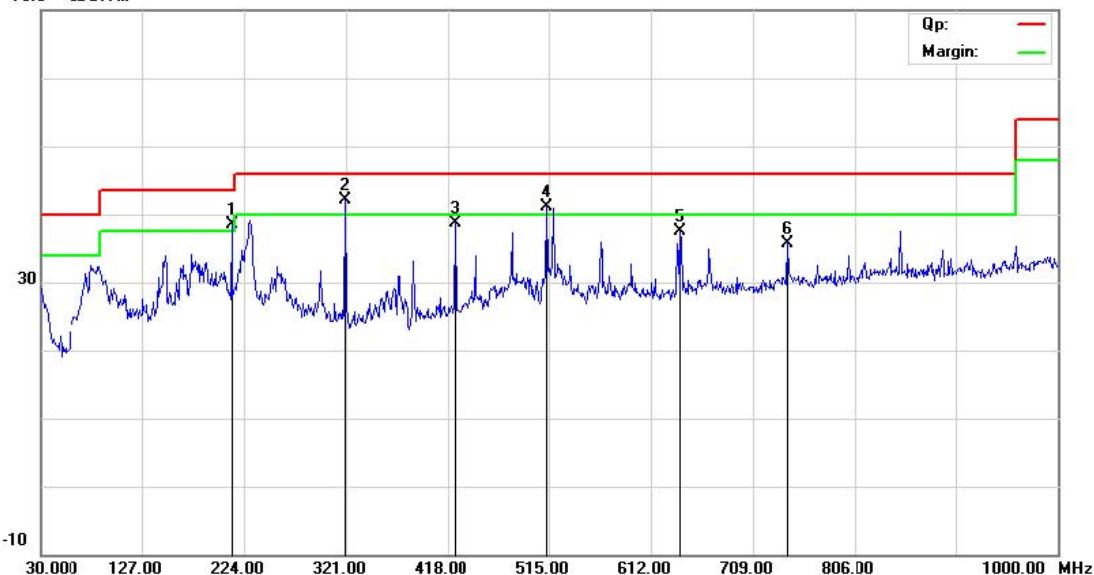
File : PDI-P40LCDE

Data : #8

Date: 2012-12-6

Time: 9:44:55

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: FM 88.3MHz

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	!	212.3600	22.50	16.00	38.50	43.50	-5.00	QP		0	
2	*	320.0300	25.01	17.00	42.01	46.00	-3.99	QP		0	
3		424.7900	18.45	20.29	38.74	46.00	-7.26	QP		0	
4	!	513.0600	19.47	21.56	41.03	46.00	-4.97	QP		0	
5		640.1300	13.43	24.00	37.43	46.00	-8.57	QP		0	
6		741.9800	10.18	25.62	35.80	46.00	-10.20	QP		0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

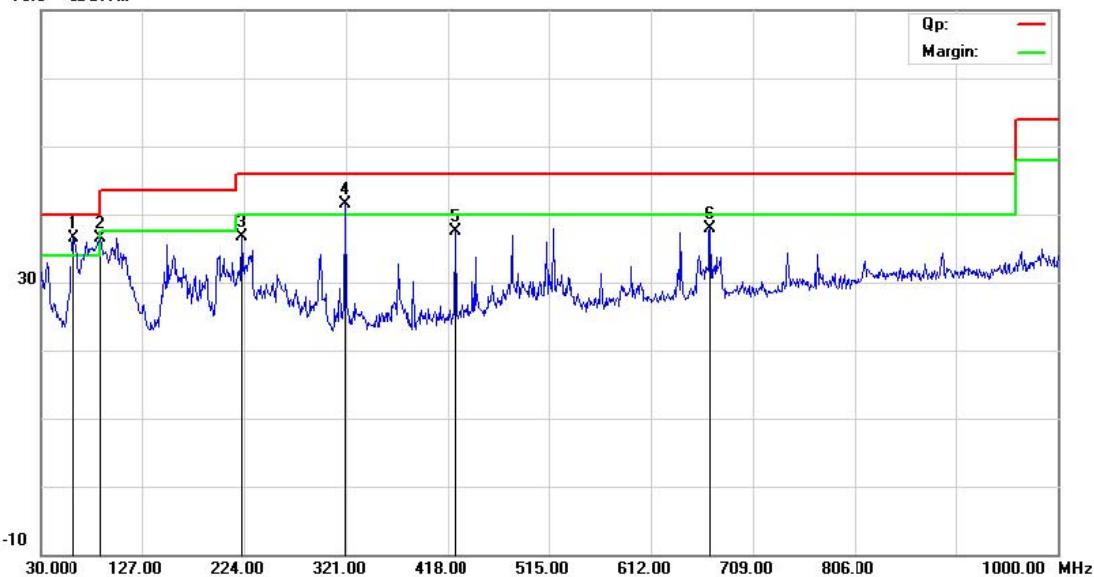
File : PDI-P40LCDE

Data : #9

Date: 2012-12-6

Time: 9:52:59

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: FM 98.3MHz

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	!	61.0400	25.58	10.90	36.48	40.00	-3.52	QP	0	
2	*	87.2300	25.22	11.34	36.56	40.00	-3.44	QP	0	
3		222.0600	20.45	16.34	36.79	46.00	-9.21	QP	0	
4	!	320.0300	24.48	17.00	41.48	46.00	-4.52	QP	0	
5		424.7900	17.22	20.29	37.51	46.00	-8.49	QP	0	
6		668.2600	13.52	24.43	37.95	46.00	-8.05	QP	0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

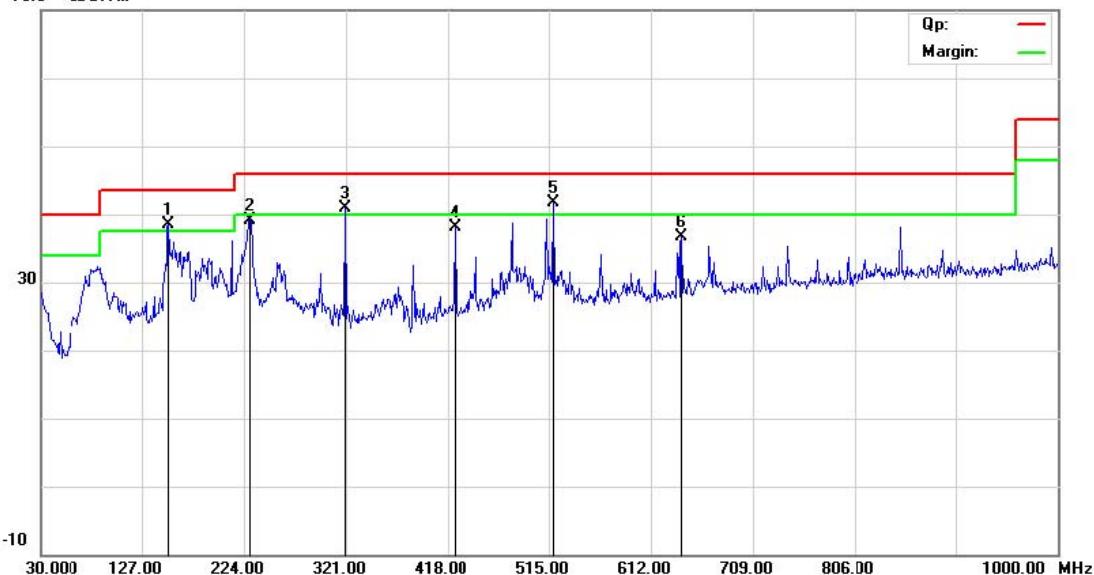
File : PDI-P40LCDE

Data : #10

Date: 2012-12-6

Time: 9:58:43

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: FM 98.3MHz

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	!	152.2200	21.86	16.64	38.50	43.50	-5.00	QP	0	
2		229.8200	22.70	16.50	39.20	46.00	-6.80	QP	0	
3	!	320.0300	23.93	17.00	40.93	46.00	-5.07	QP	0	
4		424.7900	17.73	20.29	38.02	46.00	-7.98	QP	0	
5	*	518.8800	19.96	21.76	41.72	46.00	-4.28	QP	0	
6		641.1000	12.68	24.01	36.69	46.00	-9.31	QP	0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

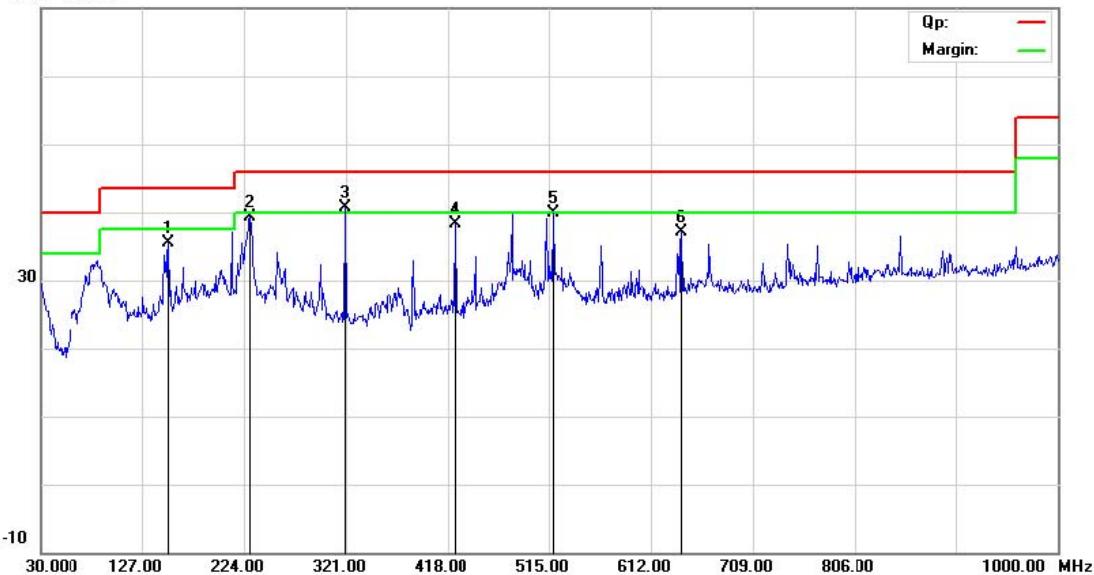
File : PDI-P40LCDE

Data : #11

Date: 2012-12-6

Time: 10:04:21

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: FM 107.3MHz

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		152.2200	18.92	16.64	35.56	43.50	-7.94	QP	0	
2		229.8200	22.76	16.50	39.26	46.00	-6.74	QP	0	
3	*	320.0300	23.70	17.00	40.70	46.00	-5.30	QP	0	
4		424.7900	17.98	20.29	38.27	46.00	-7.73	QP	0	
5		519.8500	18.20	21.79	39.99	46.00	-6.01	QP	0	
6		641.1000	13.13	24.01	37.14	46.00	-8.86	QP	0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

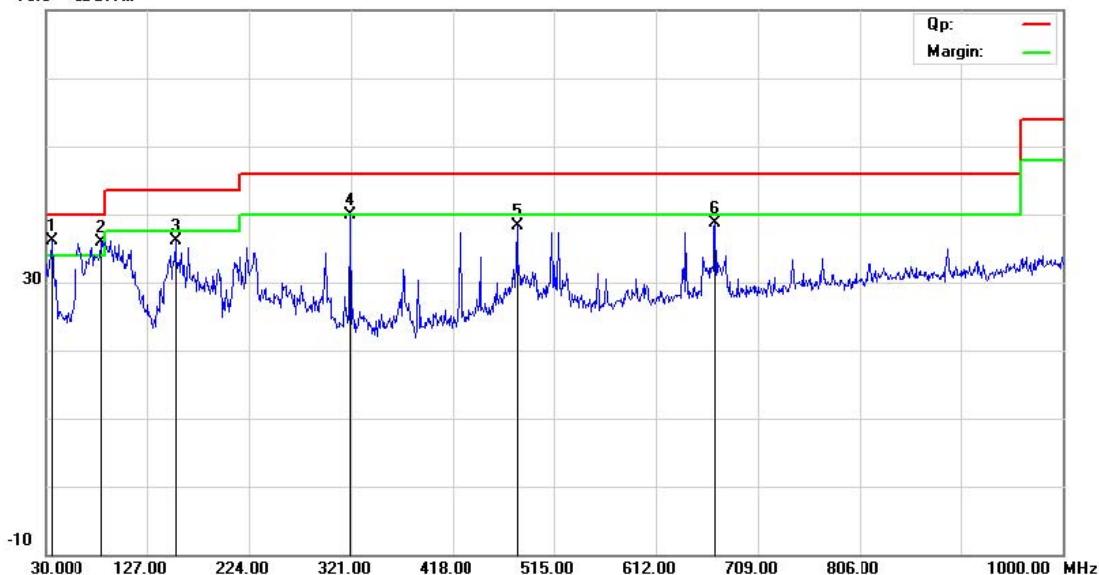
File : PDI-P40LCDE

Data : #12

Date: 2012-12-6

Time: 10:11:39

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: FM 107.3MHz

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	35.8200	15.78	20.27	36.05	40.00	-3.95	QP		0
2	!	83.3500	24.51	11.34	35.85	40.00	-4.15	QP		0
3		154.1600	19.39	16.75	36.14	43.50	-7.36	QP		0
4		320.0300	22.96	17.00	39.96	46.00	-6.04	QP		0
5		480.0800	16.63	21.70	38.33	46.00	-7.67	QP		0
6		668.2600	14.29	24.43	38.72	46.00	-7.28	QP		0

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

Engineer Signature: Sky



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

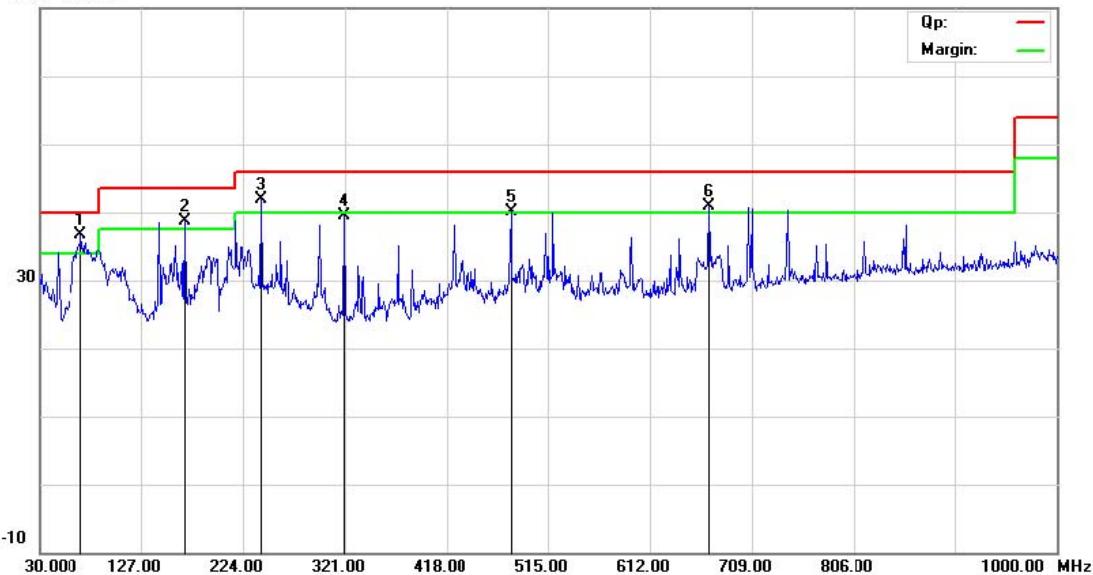
File : PDI-P40LCDE

Data : #13

Date: 2012-12-6

Time: 10:17:01

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: ATV 02

Note: .

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	69.7700	24.92	11.69	36.61	40.00	-3.39	QP		0	
2	!	168.7100	21.42	17.20	38.62	43.50	-4.88	QP		0	
3	!	241.4600	24.58	17.26	41.84	46.00	-4.16	QP		0	
4		320.0300	22.59	17.00	39.59	46.00	-6.41	QP		0	
5	!	480.0800	18.39	21.70	40.09	46.00	-5.91	QP		0	
6	!	668.2600	16.43	24.43	40.86	46.00	-5.14	QP		0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

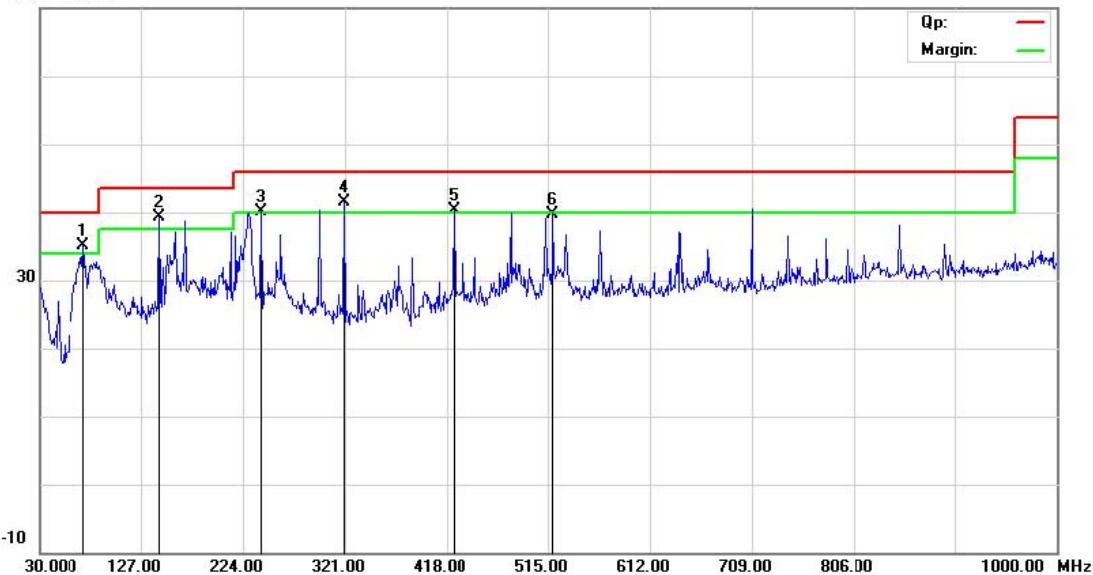
File : PDI-P40LCDE

Data : #14

Date: 2012-12-6

Time: 10:22:53

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: ATV 02

Note: .

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	!	71.7100	23.35	11.68	35.03	40.00	-4.97	QP	0	
2	*	144.4600	22.36	16.93	39.29	43.50	-4.21	QP	0	
3	!	241.4600	22.77	17.26	40.03	46.00	-5.97	QP	0	
4	!	320.0300	24.43	17.00	41.43	46.00	-4.57	QP	0	
5	!	424.7900	20.10	20.29	40.39	46.00	-5.61	QP	0	
6		519.8500	18.01	21.79	39.80	46.00	-6.20	QP	0	

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

Engineer Signature: Sky



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Radiated Emission Measurement

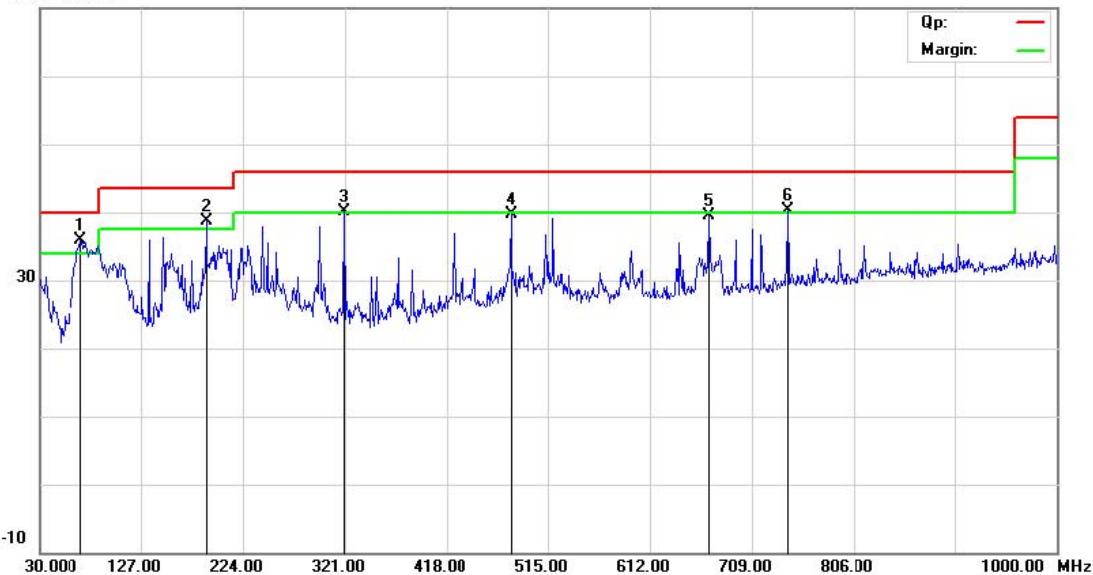
File : PDI-P40LCDE

Data : #15

Date: 2012-12-6

Time: 10:29:55

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: ATV 14

Note: .

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	69.7700	24.30	11.69	35.99	40.00	-4.01	QP		0	
2	I	189.0800	22.16	16.60	38.76	43.50	-4.74	QP		0	
3	I	320.0300	23.01	17.00	40.01	46.00	-5.99	QP		0	
4		480.0800	18.06	21.70	39.76	46.00	-6.24	QP		0	
5		668.2600	15.03	24.43	39.46	46.00	-6.54	QP		0	
6	I	742.9500	14.55	25.68	40.23	46.00	-5.77	QP		0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

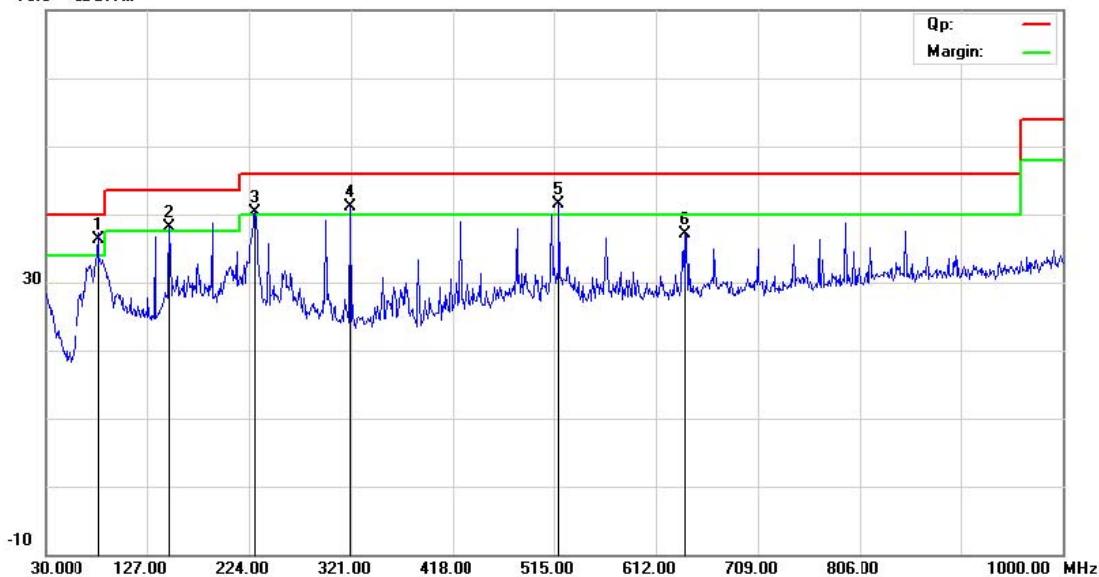
File : PDI-P40LCDE

Data : #16

Date: 2012-12-6

Time: 10:35:28

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: ATV 14

Note: .

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	81.0000	25.00	11.38	36.38	40.00	-3.62	QP		0	
2	I	148.3400	21.45	16.63	38.08	43.50	-5.42	QP		0	
3	I	229.8200	23.86	16.50	40.36	46.00	-5.64	QP		0	
4	I	320.0300	24.03	17.00	41.03	46.00	-4.97	QP		0	
5	I	519.8500	19.70	21.79	41.49	46.00	-4.51	QP		0	
6		640.1300	13.09	24.00	37.09	46.00	-8.91	QP		0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

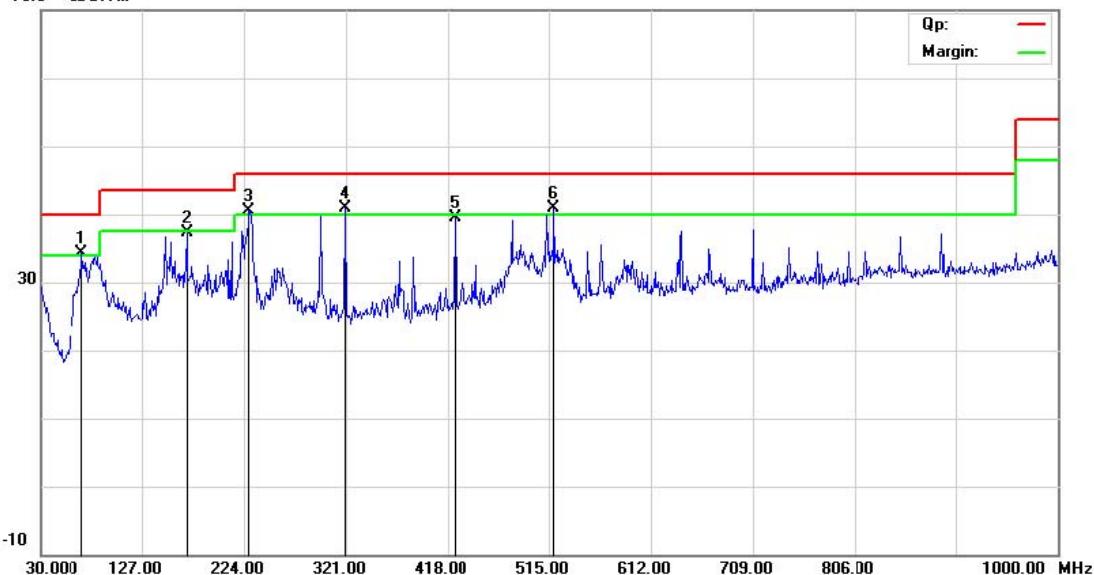
File : PDI-P40LCDE

Data : #17

Date: 2012-12-6

Time: 10:42:31

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: ATV 69

Note: .

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	!	69.7700	22.65	11.69	34.34	40.00	-5.66	QP		0	
2		169.6800	20.05	17.20	37.25	43.50	-6.25	QP		0	
3	!	228.8500	24.12	16.48	40.60	46.00	-5.40	QP		0	
4	!	320.0300	23.81	17.00	40.81	46.00	-5.19	QP		0	
5		424.7900	19.31	20.29	39.60	46.00	-6.40	QP		0	
6	*	519.8500	19.09	21.79	40.88	46.00	-5.12	QP		0	

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

Engineer Signature: Sky



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

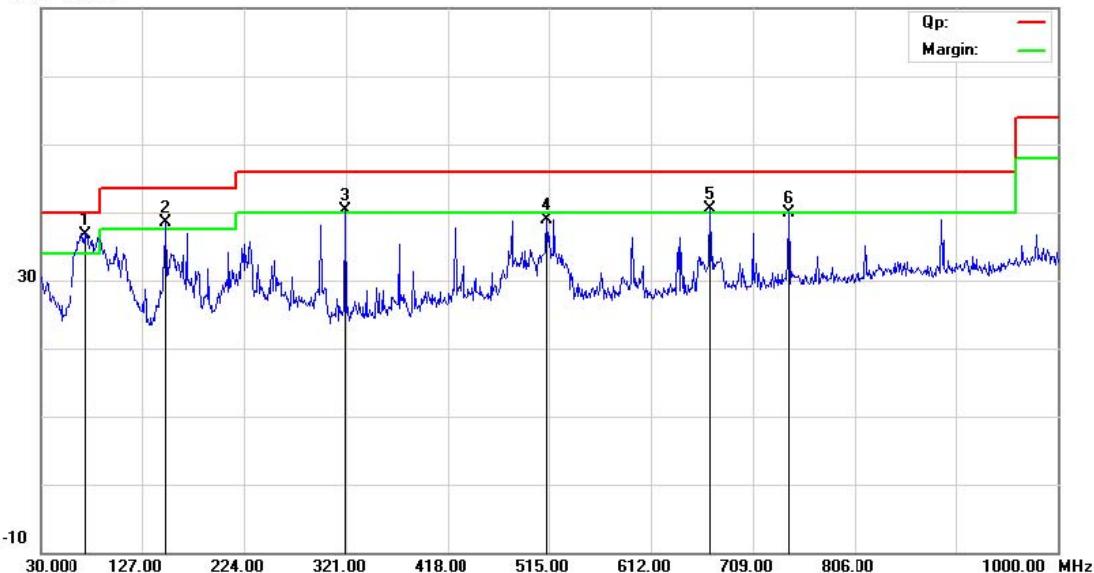
File : PDI-P40LCDE

Data : #18

Date: 2012-12-6

Time: 10:48:03

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: ATV 69

Note: .

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	72.6800	25.00	11.67	36.67	40.00	-3.33	QP		0
2	I	149.3100	21.94	16.56	38.50	43.50	-5.00	QP		0
3	I	320.0300	23.22	17.00	40.22	46.00	-5.78	QP		0
4		513.0600	17.39	21.56	38.95	46.00	-7.05	QP		0
5	I	668.2600	16.03	24.43	40.46	46.00	-5.54	QP		0
6		742.9500	14.20	25.68	39.88	46.00	-6.12	QP		0

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

Engineer Signature: Sky



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

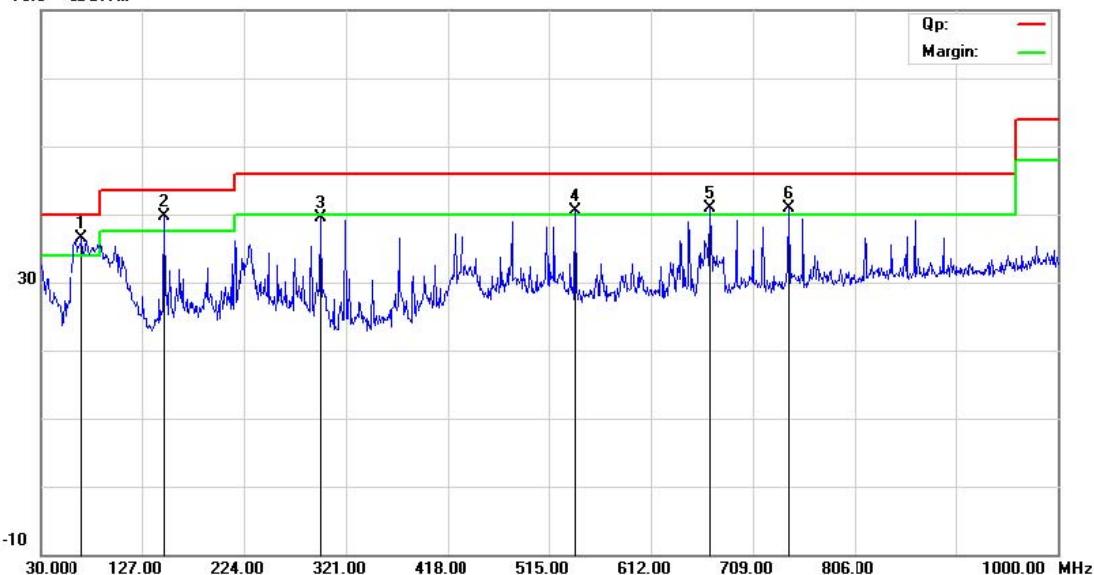
File : PDI-P40LCDE

Data : #19

Date: 2012-12-6

Time: 10:55:52

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: DTV 02

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	69.7700	24.80	11.69	36.49	40.00	-3.51	QP		0	
2	!	148.3400	23.12	16.63	39.75	43.50	-3.75	QP		0	
3		296.7500	20.22	19.30	39.52	46.00	-6.48	QP		0	
4	!	540.2200	18.24	22.20	40.44	46.00	-5.56	QP		0	
5	!	668.2600	16.56	24.43	40.99	46.00	-5.01	QP		0	
6	!	742.9500	15.16	25.68	40.84	46.00	-5.16	QP		0	

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

Engineer Signature: Sky



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

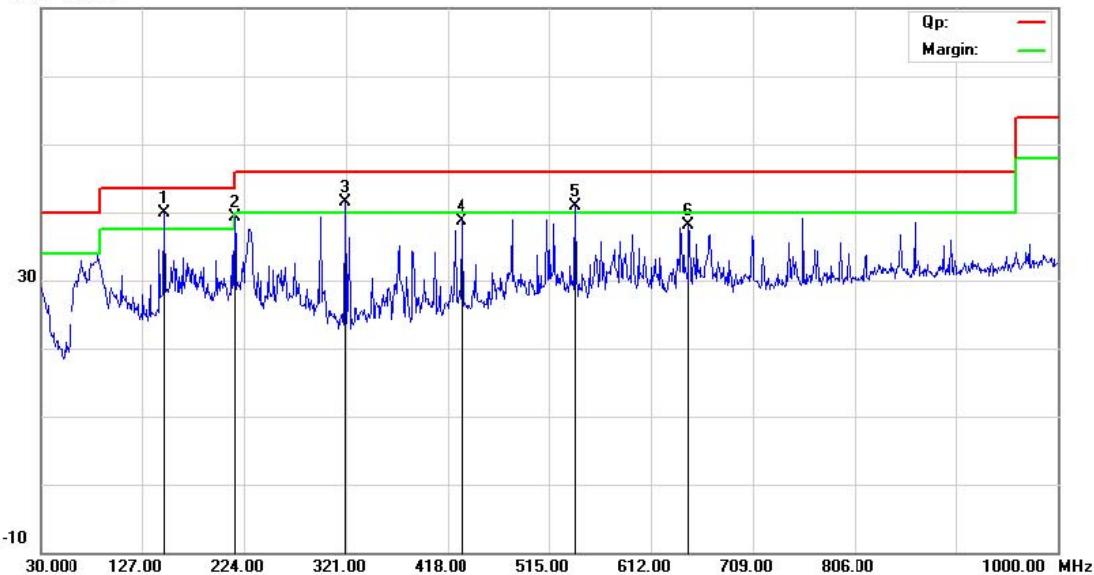
File : PDI-P40LCDE

Data : #20

Date: 2012-12-6

Time: 11:02:35

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: DTV 02

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	148.3400	23.34	16.63	39.97	43.50	-3.53	QP	0	
2	I	215.2700	23.24	16.12	39.36	43.50	-4.14	QP	0	
3	I	320.0300	24.41	17.00	41.41	46.00	-4.59	QP	0	
4		431.5800	18.48	20.32	38.80	46.00	-7.20	QP	0	
5	I	540.2200	18.67	22.20	40.87	46.00	-5.13	QP	0	
6		647.8900	13.94	24.08	38.02	46.00	-7.98	QP	0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

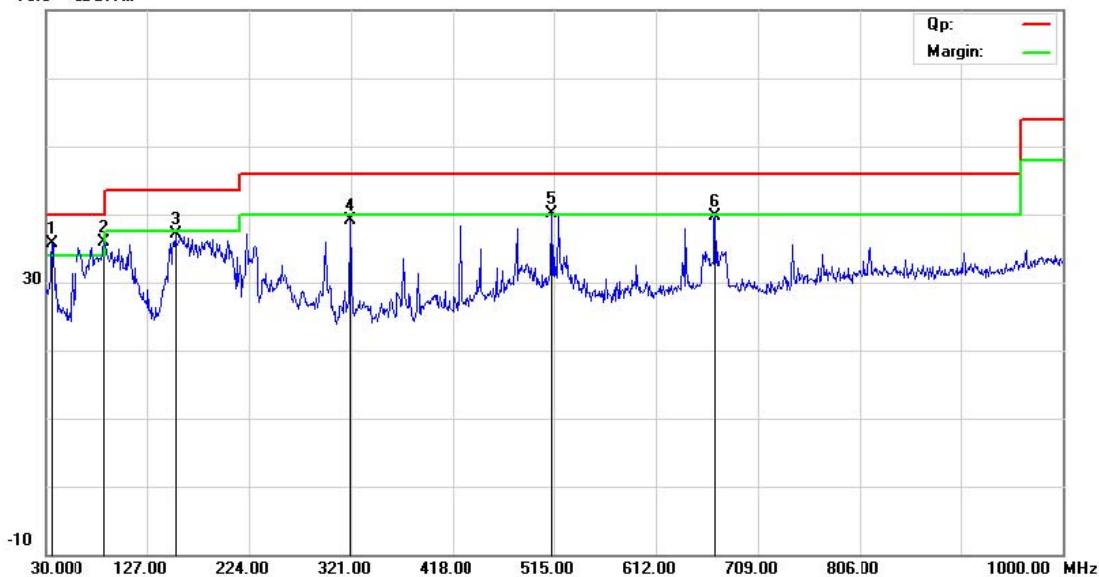
File : PDI-P40LCDE

Data : #21

Date: 2012-12-6

Time: 11:08:58

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: DTV 14

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	!	35.8200	15.47	20.27	35.74	40.00	-4.26	QP		0
2	*	86.2600	24.60	11.33	35.93	40.00	-4.07	QP		0
3		154.1598	20.26	16.75	37.01	43.50	-6.49	QP		0
4		320.0298	22.11	17.00	39.11	46.00	-6.89	QP		0
5	!	513.0596	18.45	21.56	40.01	46.00	-5.99	QP		0
6		668.2600	15.24	24.43	39.67	46.00	-6.33	QP		0

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

Engineer Signature: Sky



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

Radiated Emission Measurement

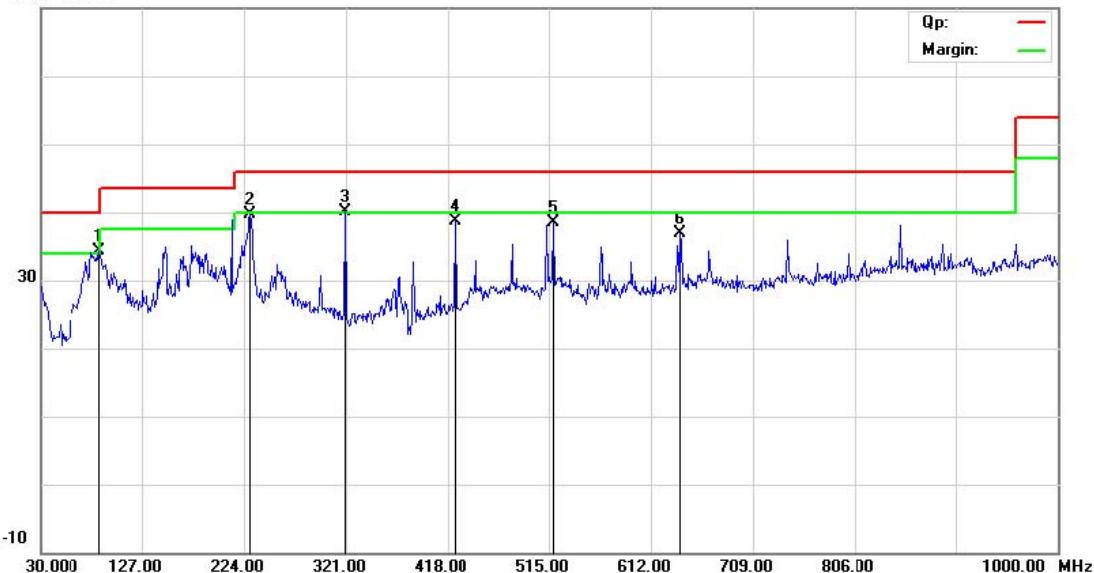
File : PDI-P40LCDE

Data : #22

Date: 2012-12-6

Time: 11:15:07

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: DTV 14

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	86.2600	22.94	11.33	34.27	40.00	-5.73	QP		0	
2		229.8200	23.17	16.50	39.67	46.00	-6.33	QP		0	
3	!	320.0300	23.01	17.00	40.01	46.00	-5.99	QP		0	
4		424.7900	18.45	20.29	38.74	46.00	-7.26	QP		0	
5		518.8800	16.65	21.76	38.41	46.00	-7.59	QP		0	
6		640.1300	12.93	24.00	36.93	46.00	-9.07	QP		0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

File : PDI-P40LCDE

Data : #23

Date: 2012-12-6

Time: 11:19:35

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: DTV 69

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	74.6200	24.30	11.65	35.95	40.00	-4.05	QP		0	
2		151.2500	19.88	16.58	36.46	43.50	-7.04	QP		0	
3		222.0600	20.95	16.34	37.29	46.00	-8.71	QP		0	
4	!	320.0300	23.98	17.00	40.98	46.00	-5.02	QP		0	
5		424.7900	17.22	20.29	37.51	46.00	-8.49	QP		0	
6		668.2600	13.02	24.43	37.45	46.00	-8.55	QP		0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

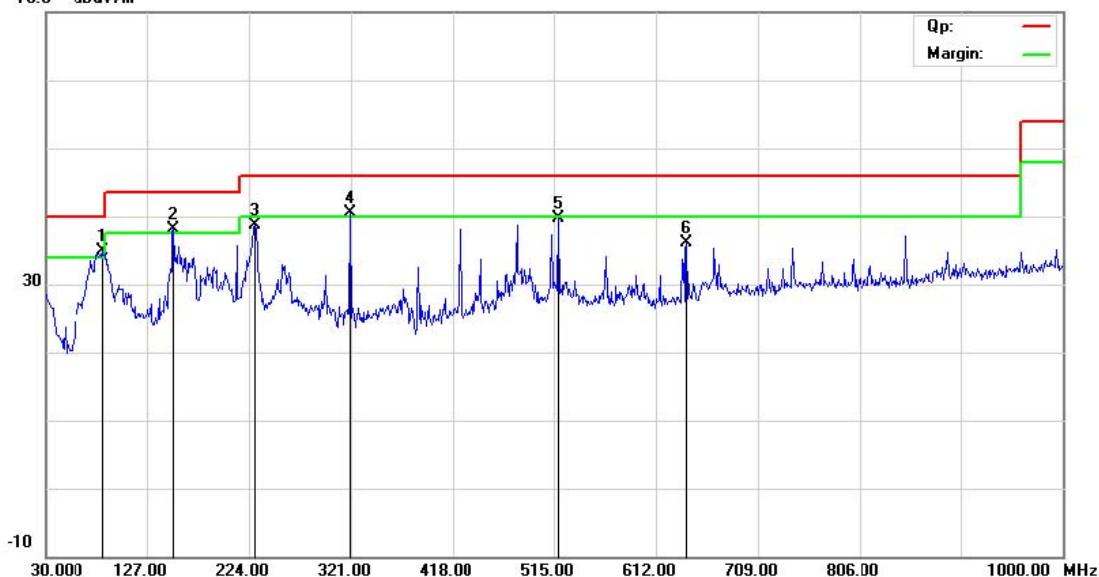
File : PDI-P40LCDE

Data : #24

Date: 2012-12-6

Time: 11:24:43

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: DTV 69

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	84.3200	23.51	11.32	34.83	40.00	-5.17	QP		0	
2	I	152.2200	21.37	16.64	38.01	43.50	-5.49	QP		0	
3		229.8200	22.20	16.50	38.70	46.00	-7.30	QP		0	
4	I	320.0300	23.43	17.00	40.43	46.00	-5.57	QP		0	
5		518.8800	17.96	21.76	39.72	46.00	-6.28	QP		0	
6		641.1000	12.18	24.01	36.19	46.00	-9.81	QP		0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

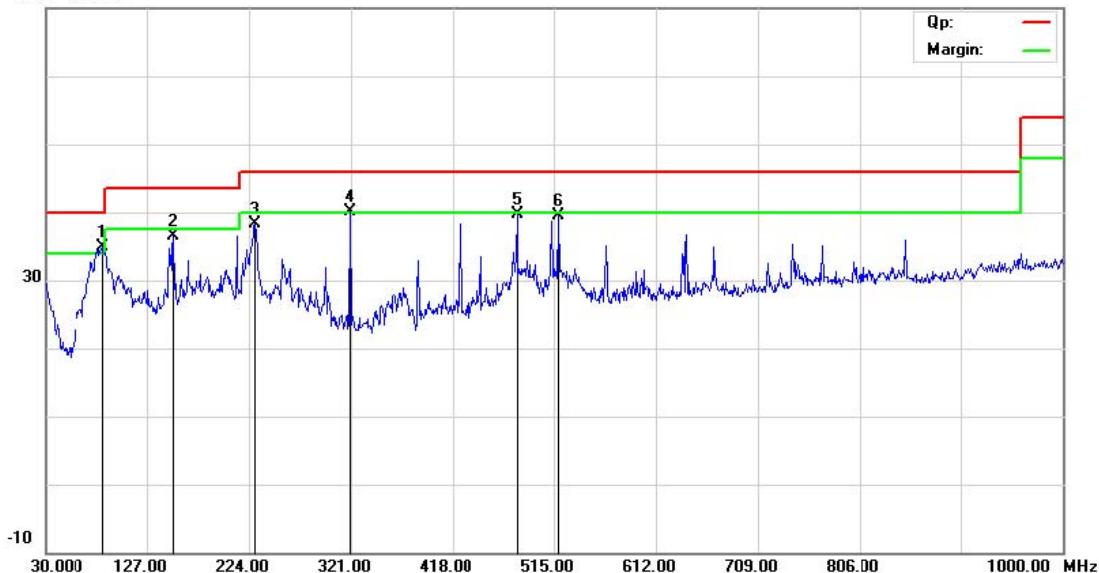
File : PDI-P40LCDE

Data : #25

Date: 2012-12-6

Time: 11:28:57

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: USB Recording

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	84.3200	23.55	11.32	34.87	40.00	-5.13	QP		0	
2		152.2200	19.92	16.64	36.56	43.50	-6.94	QP		0	
3		229.8200	21.76	16.50	38.26	46.00	-7.74	QP		0	
4	!	320.0300	23.20	17.00	40.20	46.00	-5.80	QP		0	
5		480.0800	18.09	21.70	39.79	46.00	-6.21	QP		0	
6		519.8500	17.70	21.79	39.49	46.00	-6.51	QP		0	

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

Engineer Signature: Sky



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

Radiated Emission Measurement

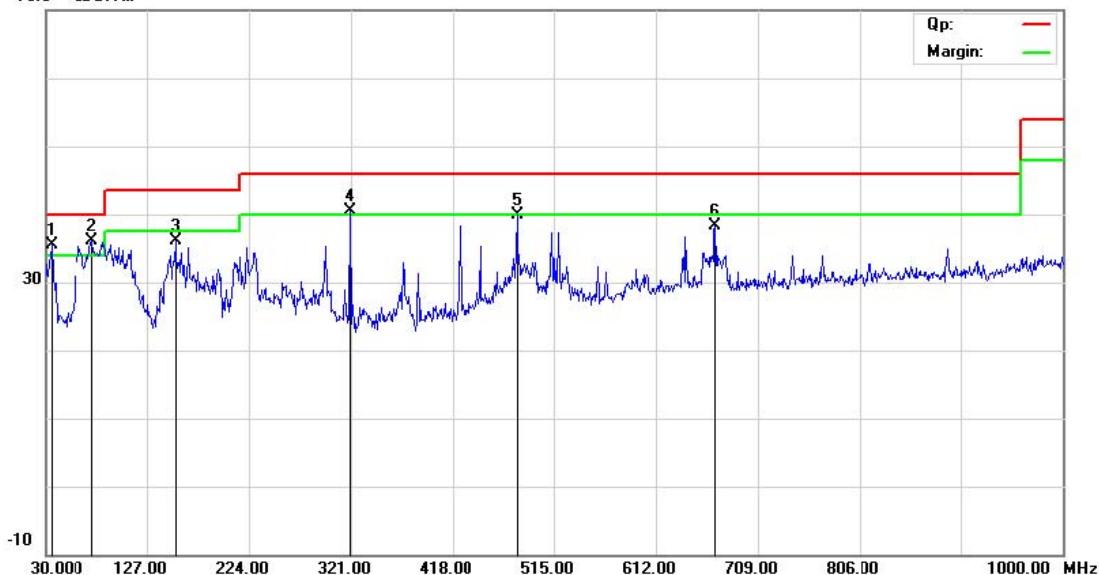
File : PDI-P40LCDE

Data : #26

Date: 2012-12-6

Time: 11:32:39

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: USB Recording

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	!	35.8200	15.28	20.27	35.55	40.00	-4.45	QP		0	
2	*	74.6200	24.46	11.65	36.11	40.00	-3.89	QP		0	
3		154.1600	19.39	16.75	36.14	43.50	-7.36	QP		0	
4	!	320.0300	23.46	17.00	40.46	46.00	-5.54	QP		0	
5		480.0800	18.13	21.70	39.83	46.00	-6.17	QP		0	
6		668.2600	13.79	24.43	38.22	46.00	-7.78	QP		0	

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

Engineer Signature: Sky



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

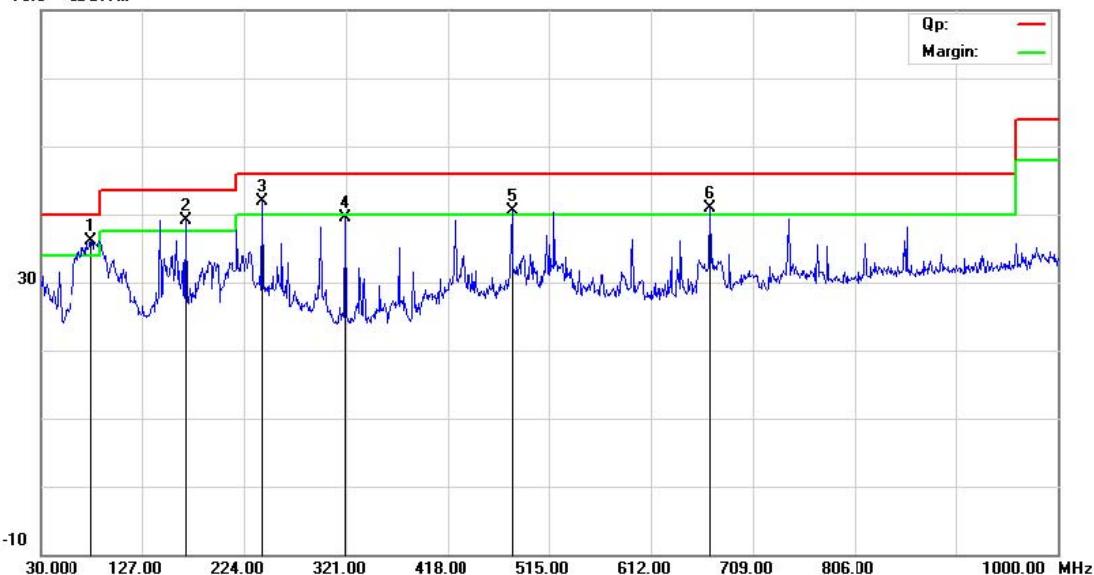
File : PDI-P40LCDE

Data : #27

Date: 2012-12-6

Time: 11:38:47

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: HDMI Mode

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	78.5000	24.66	11.48	36.14	40.00	-3.86	QP		0
2	!	168.7100	21.92	17.20	39.12	43.50	-4.38	QP		0
3	!	241.4600	24.58	17.26	41.84	46.00	-4.16	QP		0
4		320.0300	22.59	17.00	39.59	46.00	-6.41	QP		0
5	!	480.0800	18.89	21.70	40.59	46.00	-5.41	QP		0
6	!	668.2600	16.43	24.43	40.86	46.00	-5.14	QP		0

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

Engineer Signature: Sky



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

Radiated Emission Measurement

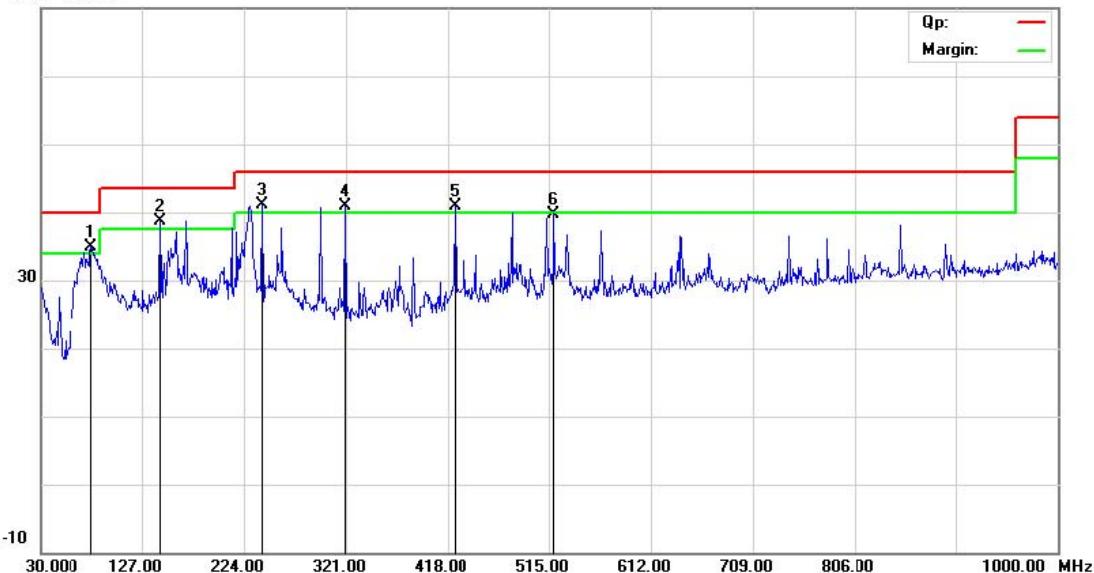
File : PDI-P40LCDE

Data : #28

Date: 2012-12-6

Time: 11:45:08

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: HDMI Mode

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	!	78.5000	23.43	11.48	34.91	40.00	-5.09	QP		0	
2	*	144.4600	21.86	16.93	38.79	43.50	-4.71	QP		0	
3	!	241.4600	23.77	17.26	41.03	46.00	-4.97	QP		0	
4	!	320.0300	23.93	17.00	40.93	46.00	-5.07	QP		0	
5	!	424.7900	20.60	20.29	40.89	46.00	-5.11	QP		0	
6		519.8500	18.01	21.79	39.80	46.00	-6.20	QP		0	

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

Engineer Signature: Sky



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Radiated Emission Measurement

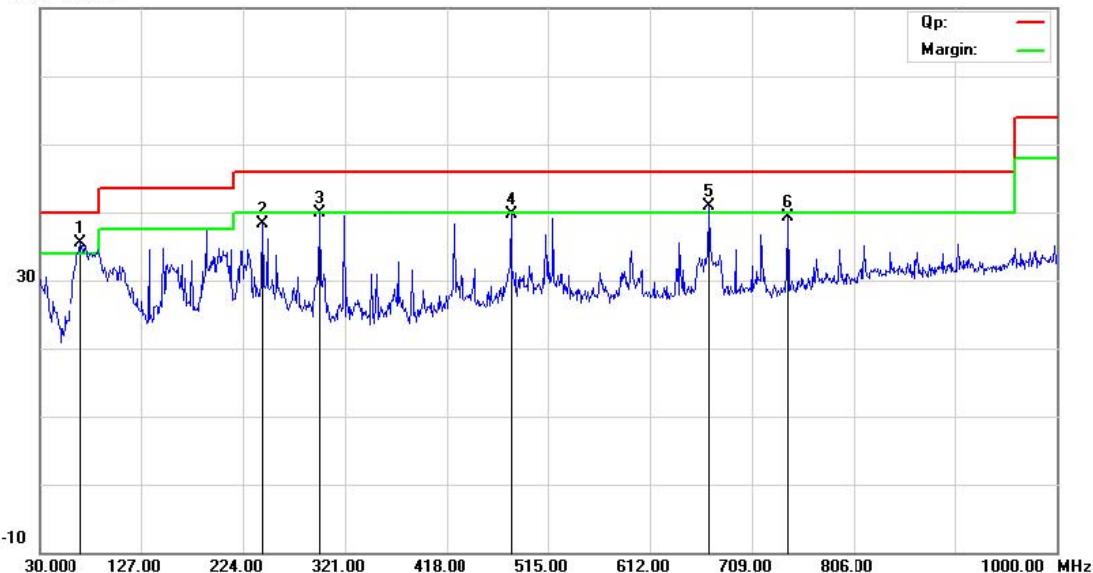
File : PDI-P40LCDE

Data : #29

Date: 2012-12-6

Time: 11:52:34

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: SD Playing

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	69.7700	23.80	11.69	35.49	40.00	-4.51	QP	0	
2		242.4300	21.04	17.30	38.34	46.00	-7.66	QP	0	
3		296.7500	20.58	19.30	39.88	46.00	-6.12	QP	0	
4		480.0800	18.06	21.70	39.76	46.00	-6.24	QP	0	
5	!	668.2600	16.53	24.43	40.96	46.00	-5.04	QP	0	
6		742.9500	13.55	25.68	39.23	46.00	-6.77	QP	0	

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

Engineer Signature: Sky



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Radiated Emission Measurement

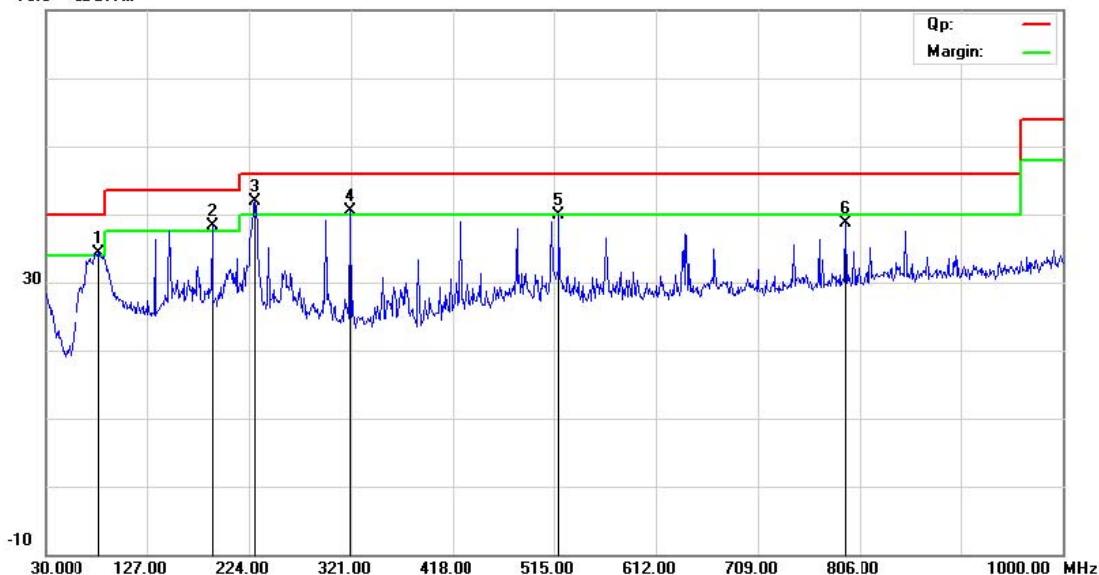
File : PDI-P40LCDE

Data : #30

Date: 2012-12-6

Time: 11:58:52

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 61 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: SD Playing

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	!	80.4400	23.00	11.39	34.39	40.00	-5.61	QP	0	
2	!	189.0800	21.66	16.60	38.26	43.50	-5.24	QP	0	
3	*	229.8200	25.36	16.50	41.86	46.00	-4.14	QP	0	
4	!	320.0300	23.54	17.00	40.54	46.00	-5.46	QP	0	
5		519.8500	18.20	21.79	39.99	46.00	-6.01	QP	0	
6		792.4200	12.68	25.97	38.65	46.00	-7.35	QP	0	

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

Engineer Signature: Sky



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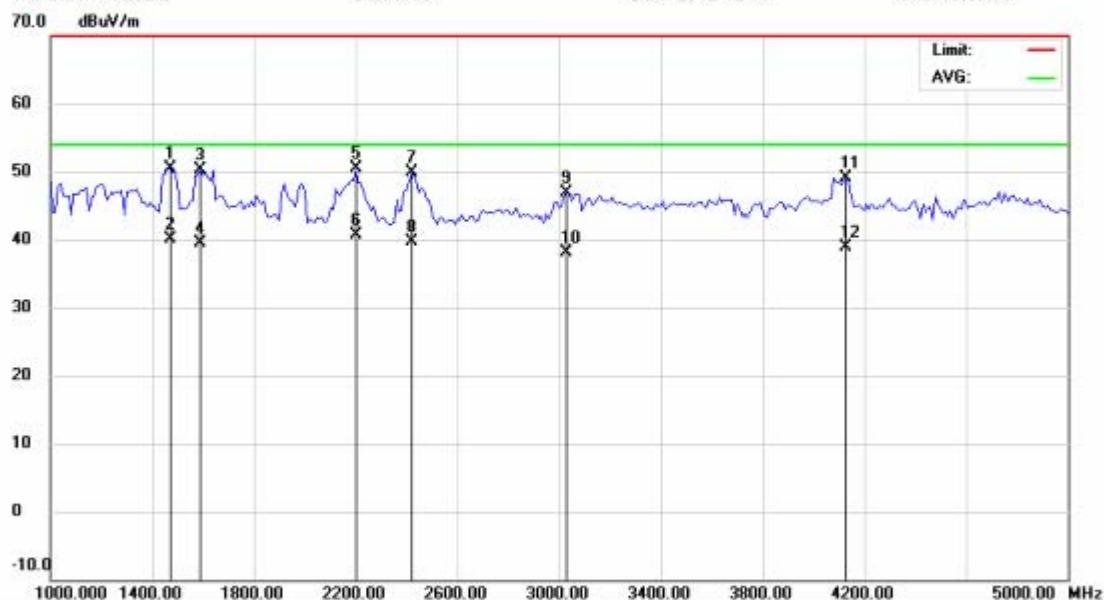
Radiated Emission Measurement

File :PDI-P40LCDE

Data :#35

Date: 2012-12-06

Time: 16:06:05



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 1000-5000MHz PK

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: USB Recording

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		1470.000	50.53	0.00	50.53	74.00	-23.47	peak			
2		1470.000	40.20	0.00	40.20	54.00	-13.80	AVG			
3		1590.000	50.31	0.00	50.31	74.00	-23.69	peak			
4		1590.000	39.50	0.00	39.50	54.00	-14.50	AVG			
5		2200.000	50.50	0.00	50.50	74.00	-23.50	peak			
6	*	2200.000	40.70	0.00	40.70	54.00	-13.30	AVG			
7		2420.000	49.90	0.00	49.90	74.00	-24.10	peak			
8		2420.000	39.70	0.00	39.70	54.00	-14.30	AVG			
9		3030.000	47.00	0.00	47.00	74.00	-27.00	peak			
10		3030.000	38.20	0.00	38.20	54.00	-15.80	AVG			
11		4130.000	49.04	0.00	49.04	74.00	-24.96	peak			
12		4130.000	38.90	0.00	38.90	54.00	-15.10	AVG			

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

Engineer Signature:

Sky



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

Radiated Emission Measurement

File :PDI-P40LCDE

Data :#36

Date: 2012-12-06

Time: 16:22:19



Site Chamber #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part 15 B 1000-5000MHz PK

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: USB Recording

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		1090.000	50.11	0.00	50.11	74.00	-23.89	peak			
2		1090.000	39.90	0.00	39.90	54.00	-14.10	AVG			
3		1570.000	50.05	0.00	50.05	74.00	-23.95	peak			
4		1570.000	39.60	0.00	39.60	54.00	-14.40	AVG			
5		2000.000	50.39	0.00	50.39	74.00	-23.61	peak			
6		2000.000	40.10	0.00	40.10	54.00	-13.90	AVG			
7		2390.000	51.46	0.00	51.46	74.00	-22.54	peak			
8	*	2390.000	40.50	0.00	40.50	54.00	-13.50	AVG			
9		3450.000	50.74	0.00	50.74	74.00	-23.26	peak			
10		3450.000	39.70	0.00	39.70	54.00	-14.30	AVG			
11		4720.000	50.79	0.00	50.79	74.00	-23.21	peak			
12		4720.000	40.10	0.00	40.10	54.00	-13.90	AVG			

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

Engineer Signature: Sky



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

Radiated Emission Measurement

File :PDI-P40LCDE

Data :#37

Date: 2012-12-06

Time: 16:39:14



Site Chamber #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part 15 B 1000-5000MHz PK

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: HDMI Mode

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		1050.000	50.58	0.00	50.58	74.00	-23.42	peak			
2		1050.000	39.80	0.00	39.80	54.00	-14.20	AVG			
3		1390.000	50.54	0.00	50.54	74.00	-23.46	peak			
4		1390.000	39.40	0.00	39.40	54.00	-14.60	AVG			
5		1920.000	50.45	0.00	50.45	74.00	-23.55	peak			
6	*	1920.000	40.10	0.00	40.10	54.00	-13.90	AVG			
7		2390.000	48.32	0.00	48.32	74.00	-25.68	peak			
8		2390.000	38.90	0.00	38.90	54.00	-15.10	AVG			
9		3540.000	49.40	0.00	49.40	74.00	-24.60	peak			
10		3540.000	39.20	0.00	39.20	54.00	-14.80	AVG			
11		4720.000	48.98	0.00	48.98	74.00	-25.02	peak			
12		4720.000	38.70	0.00	38.70	54.00	-15.30	AVG			

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

Engineer Signature: Sky



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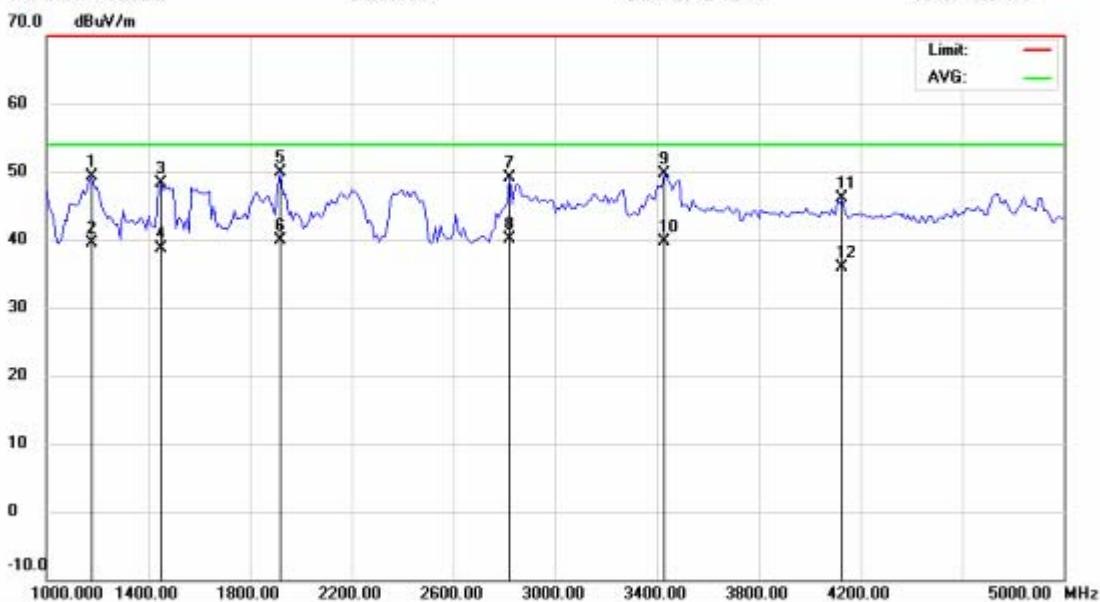
Radiated Emission Measurement

File :PDI-P40LCDE

Data :#38

Date: 2012-12-06

Time: 16:57:05



Site Chamber #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part 15 B 1000-5000MHz PK

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD TV

Distance:

M/N: PDI-P40LCDE

Mode: HDMI Mode

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		1180.000	49.38	0.00	49.38	74.00	-24.62	peak		
2		1180.000	39.50	0.00	39.50	54.00	-14.50	AVG		
3		1450.000	48.26	0.00	48.26	74.00	-25.74	peak		
4		1450.000	38.70	0.00	38.70	54.00	-15.30	AVG		
5		1920.000	49.98	0.00	49.98	74.00	-24.02	peak		
6		1920.000	40.00	0.00	40.00	54.00	-14.00	AVG		
7		2820.000	49.11	0.00	49.11	74.00	-24.89	peak		
8 *		2820.000	40.20	0.00	40.20	54.00	-13.80	AVG		
9		3430.000	49.65	0.00	49.65	74.00	-24.35	peak		
10		3430.000	39.80	0.00	39.80	54.00	-14.20	AVG		
11		4130.000	46.11	0.00	46.11	74.00	-27.89	peak		
12		4130.000	35.90	0.00	35.90	54.00	-18.10	AVG		

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

Engineer Signature: Sky