6.TEST RADIATED EMISSION REQUIREMENT

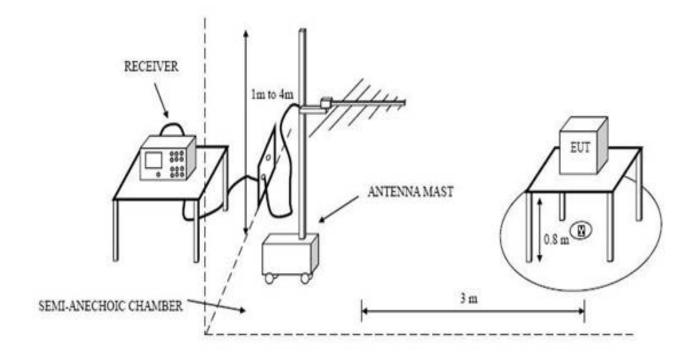
6.1 Limits Of Radiated Disturbances At 3m Distances For Class B

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 Inv	restigated	30MHz to 5000MH	Z
Mode of operation	Details	Phase	Date#
VGA Display	800*600	H/V	Page 43- Page 48
	1600*1200	H/V	
	1280*1024	H/V	
ATV	CH 02	H/V	Page 49- Page 54
	CH 13	H/V	
	CH 69	H/V	
DVD Playing	/	H/V	Page 55- Page 56
DTV	CH 02	H/V	Page 57- Page 62
	CH 13	H/V	
	CH 69	H/V	
FM	88.3MHz	H/V	Page 63- Page 68
	98.3MHz	H/V	
	107.3MHz	H/V	
HDMI IN	/	H/V	Page 69- Page 70
SD Playing	/	H/V	Page 71- Page 72
USB Recording	/	H/V	Page 73- Page 74

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

61 %

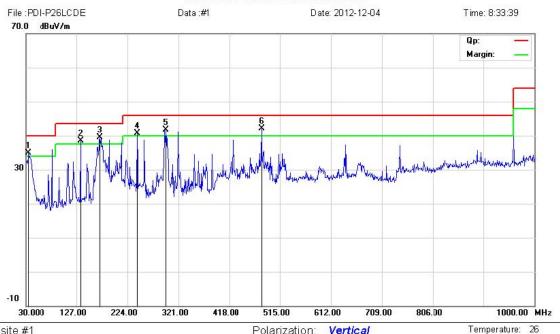
Humidity:



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: Running "H" Parttern Note: VGA:1280*1024@60Hz Polarization: Vertical Power: AC 120V/60Hz

Distance:

No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	ļ	3	34.8500	13.88	21.06	34.94	40.00	-5.06	QP		0	
2	-	13	34.7600	21.11	17.46	38.57	43.50	-4.93	QP		0	
3	ļ	17	71.6200	22.45	17.12	39.57	43.50	-3.93	QP		0	
4	İ	24	42.4300	23.43	17.30	40.73	46.00	-5.27	QP		0	
5	İ	29	96.7500	22.38	19.30	41.68	46.00	-4.32	QP		0	
6	*	48	80.0800	20.39	21.70	42.09	46.00	-3.91	QP		0	

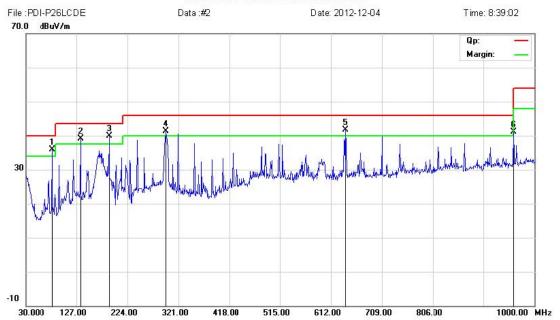
*:Maximum data x:Over limit : !:over margin

> Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: Running "H" Parttern Note: VGA:1280*1024@60Hz Polarization: Horizontal Power: AC 120V/60Hz

Distance:

Temperature: 26

Humidity: 61 %

No.	. М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBu∀/m	dBuV/m	dB	Detector	cm	degree	Comment
1	İ	80.4400	24.42	11.39	35.81	40.00	-4.19	QР		0	
2	!	134.7600	21.62	17.46	39.08	43.50	-4.42	QP		0	
3	*	189.0800	23.28	16.60	39.88	43.50	-3.62	QP		0	
4	ļ	296.7500	22.08	19.30	41.38	46.00	-4.62	QP		0	
5	İ	640.1300	17.80	24.00	41.80	46.00	-4.20	QP		0	
6		960.2300	13.05	28.00	41.05	54.00	-12.95	QP		0	

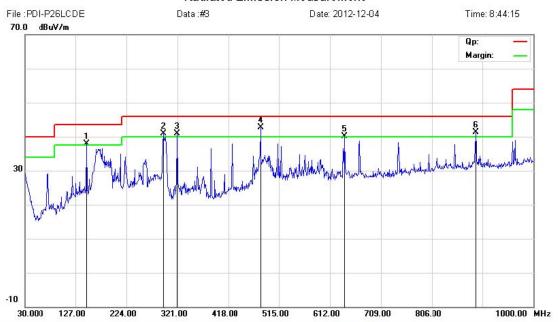
*:Maximum data x:Over limit ::over margin

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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: Running "H" Parttern Note: VGA:1600*1200@60Hz Polarization: Horizontal Power: AC 120V/60Hz

Distance:

Temperature: 26

61 % Humidity:

No	. М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∀	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	ļ	14	48.3400	21.36	16.63	37.99	43.50	-5.51	QΡ		0	
2	ļ	29	93.8400	21.57	19.32	40.89	46.00	-5.11	QP		0	
3	ļ	3:	20.0300	23.96	17.00	40.96	46.00	-5.04	QP		0	
4	*	48	80.0800	21.00	21.70	42.70	46.00	-3.30	QΡ		0	
5	ļ	64	40.1300	16.06	24.00	40.06	46.00	-5.94	QΡ		0	
6	ļ	89	90.3900	14.03	27.30	41.33	46.00	-4.67	QΡ		0	

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

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61 %

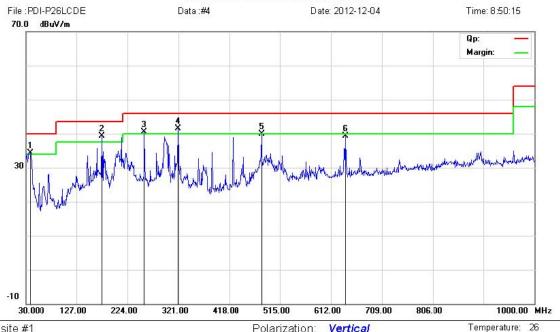
Humidity:



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: Running "H" Parttern Note: VGA:1600*1200@60Hz Polarization: Vertical Power: AC 120V/60Hz

Distance:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree		
		MHz	dBu∨	dB	dBu∀/m	dBuV/m	dB	Detector	cm	degree	Comment	
1	İ	38.7300	16.48	17.85	34.33	40.00	-5.67	QР		0		
2	*	175.5000	22.30	16.93	39.23	43.50	-4.27	QP		0		
3	ļ	256.0100	23.12	17.44	40.56	46.00	-5.44	QP		0		
4	ļ	320.0300	24.45	17.00	41.45	46.00	-4.55	QP		0		
5		480.0800	18.29	21.70	39.99	46.00	-6.01	QP		0		
6		640.1300	15.35	24.00	39.35	46.00	-6.65	QР		0		

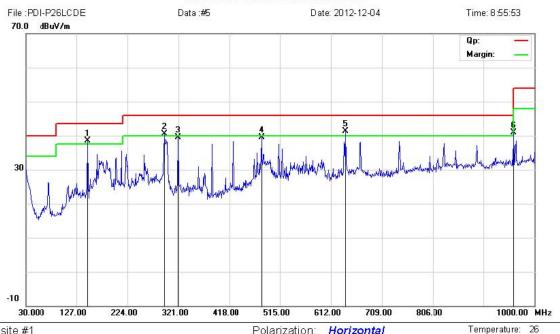
*:Maximum data x:Over limit ::over margin

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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: Running "H" Parttern Note: VGA:800*600@75Hz

Polarization: Horizontal

Power: AC 120V/60Hz

Humidity:

61 %

Distance:

No.	. N	1k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	ļ	-	148.3400	21.82	16.63	38.45	43.50	-5.05	QP		0	
2	ļ	2	294.8100	21.17	19.30	40.47	46.00	-5.53	QP		0	
3		3	320.0300	22.51	17.00	39.51	46.00	-6.49	QP		0	
4			180.0800	17.88	21.70	39.58	46.00	-6.42	QP		0	
5	*	(340.1300	17.39	24.00	41.39	46.00	-4.61	QP		0	
6		9	960.2300	12.82	28.00	40.82	54.00	-13.18	QP		0	

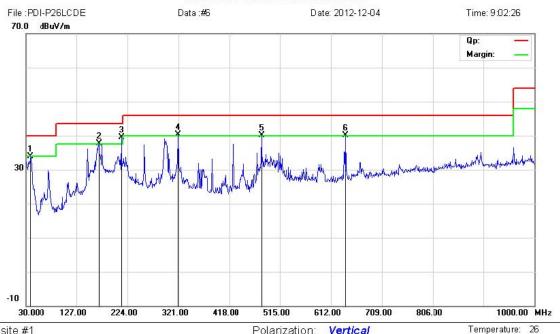
*:Maximum data x:Over limit ::over margin

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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: Running "H" Parttern Note: VGA:800*600@75Hz

Polarization: Vertical

Power: AC 120V/60Hz

Distance:

Humidity:

61 %

No. M	۲.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	3	38.7300	16.01	17.85	33.86	40.00	-6.14	QΡ		0	
2 !	16	59.6800	20.48	17.20	37.68	43.50	-5.82	QP		0	
3 *	2′	12.3600	23.55	16.00	39.55	43.50	-3.95	QΡ		0	
4 !	32	20.0298	23.36	17.00	40.36	46.00	-5.64	QΡ		0	
5 !	48	30.0800	18.33	21.70	40.03	46.00	-5.97	QΡ		0	
6 !	64	10.1300	16.16	24.00	40.16	46.00	-5.84	QP		0	

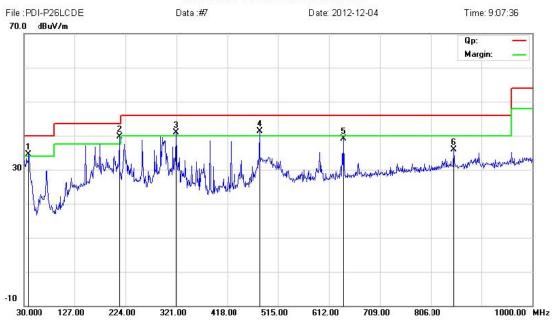
*:Maximum data x:Over limit : !:over margin

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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: TV-02

Note:

Polarization: **Vertical** Power: AC 120V/60Hz Temperature: 26 Humidity: 61 %

Distance:

No. M	1k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBu∀/m	dBuV/m	dB	Detector	cm	degree	Comment
1 !		38.7300	16.74	17.85	34.59	40.00	-5.41	QР		0	
2 *	2	212.3600	23.64	16.00	39.64	43.50	-3.86	QP		0	
3 !	3	320.0298	23.98	17.00	40.98	46.00	-5.02	QP		0	
4 !		180.0800	19.67	21.70	41.37	46.00	-4.63	QP		0	
5	6	340.1300	15.14	24.00	39.14	46.00	-6.86	QP		0	
6	8	350.6200	8.88	27.10	35.98	46.00	-10.02	QP		0	

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

Engineer Signature: Allen

61 %

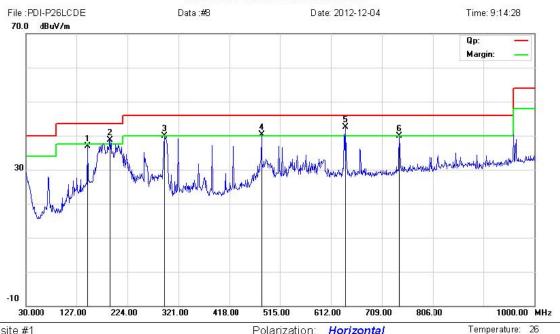
Humidity:



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: TV-02

Note:

Polarization: Horizontal Power: AC 120V/60Hz

Distance:

	No. M	Лk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
	1	1	48.3400	20.29	16.63	36.92	43.50	-6.58	QΡ		0	
	2 !	1	91.0200	22.12	16.65	38.77	43.50	-4.73	QΡ		0	
_	3	2	94.8100	20.55	19.30	39.85	46.00	-6.15	QΡ		0	
	4 !	4	80.0800	18.52	21.70	40.22	46.00	-5.78	QΡ		0	
	5 *	* 6	40.1300	18.49	24.00	42.49	46.00	-3.51	QP		0	
	6	7	41.9800	14.29	25.62	39.91	46.00	-6.09	QP		0	

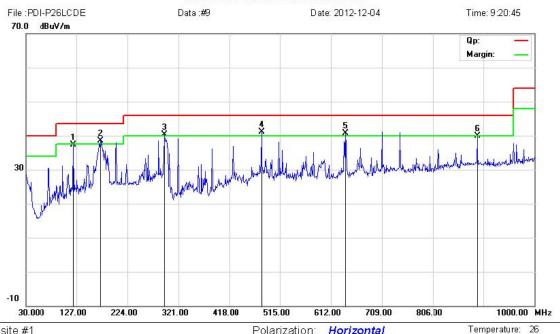
*:Maximum data x:Over limit : !:over margin

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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: TV-13

Note:

Polarization: *Horizontal* Power: AC 120V/60Hz

Humidity: 61 %

Distance:

1	۷o.	Μŀ	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBu∀/m	dBuV/m	dB	Detector	cm	degree	Comment
	1		121.1800	19.76	17.55	37.31	43.50	-6.19	QP		0	
	2	ļ	172.5900	21.48	17.07	38.55	43.50	-4.95	QP		0	
	3	ļ	294.8100	20.94	19.30	40.24	46.00	-5.76	QP		0	
	4	*	480.0800	19.45	21.70	41.15	46.00	-4.85	QP		0	
	5	ļ	640.1300	16.77	24.00	40.77	46.00	-5.23	QP		0	
	6		891.3600	12.50	27.31	39.81	46.00	-6.19	QP		0	

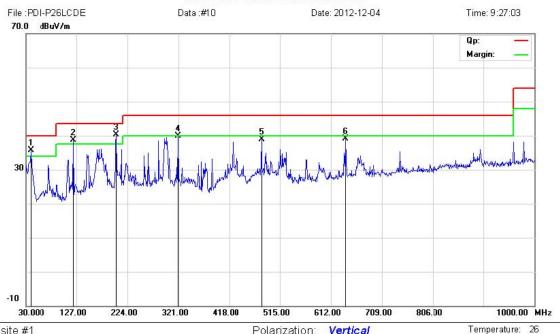
*:Maximum data x:Over limit !:over margin

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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: TV-13

Note:

Polarization: Vertical Power: AC 120V/60Hz

Distance:

Humidity:

61 %

No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	ļ		39.7000	18.58	17.05	35.63	40.00	-4.37	QР		0	
2	ļ	1:	21.1800	21.18	17.55	38.73	43.50	-4.77	QP		0	
3	*	21	02.6600	22.99	17.27	40.26	43.50	-3.24	QP		0	
4		3:	20.0298	22.97	17.00	39.97	46.00	-6.03	QP		0	
5		4:	80.0800	17.23	21.70	38.93	46.00	-7.07	QP		0	
6		6	40.1300	15.03	24.00	39.03	46.00	-6.97	QP		0	

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

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61 %

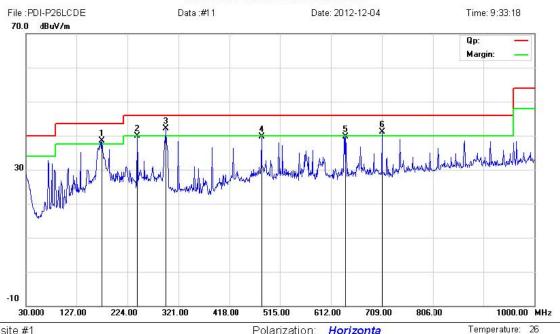
Humidity:



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Radiated Emission Measurement



Site site #1 Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: TV-69

Note:

Polarization: Horizonta
Power: AC 120V/60Hz

Distance:

No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	İ	1	75.5000	21.50	16.92	38.42	43.50	-5.08	QP		0	
2		2	42.4300	22.63	17.30	39.93	46.00	-6.07	QΡ		0	
3	*	2	96.7500	22.85	19.30	42.15	46.00	-3.85	QΡ		0	
4		4	80.0800	17.91	21.70	39.61	46.00	-6.39	QΡ		0	
5		6	340.1300	15.75	24.00	39.75	46.00	-6.25	QΡ		0	·
6	ļ	7	09.0000	16.36	24.69	41.05	46.00	-4.95	QΡ		0	

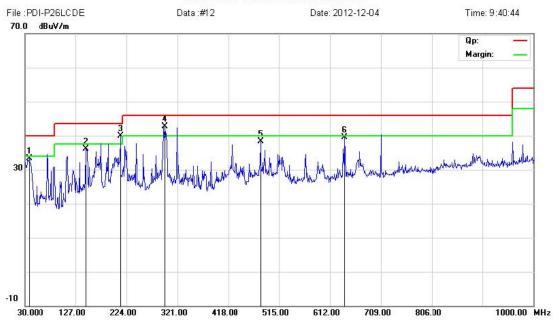
*:Maximum data x:Over limit !:over margin

Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: TV-69

Note:

Polarization: Vertical Power: AC 120V/60Hz

Temperature: 26 Humidity: 61 %

Distance:

No.	M	k. Fred	Reading J. Level) Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBu∀/m	dBuV/m	dB	Detector	cm	degree	Comment
1		37.760	0 14.58	18.66	33.24	40.00	-6.76	QР		0	
2		146.400	0 19.41	16.79	36.20	43.50	-7.30	QР		0	
3	ļ	212.360	0 23.84	16.00	39.84	43.50	-3.66	QP		0	
4	*	296.750	0 23.40	19.30	42.70	46.00	-3.30	QР		0	
5		480.080	0 16.60	21.70	38.30	46.00	-7.70	QP		0	
6		640.130	0 15.46	24.00	39.46	46.00	-6.54	QP		0	

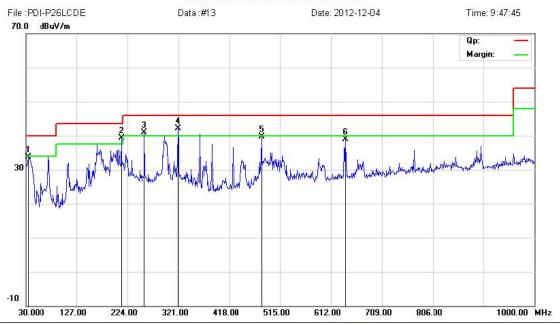
*:Maximum data x:Over limit : !:over margin

> Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: DVD Playing

Note:

Polarization: Vertical

Power: AC 120V/60Hz

Temperature: 26 Humidity: 61 %

Distance:

No.	MI	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		3	34.8500	12.67	21.06	33.73	40.00	-6.27	QР		0	
2	ļ	2	12.3600	23.40	16.00	39.40	43.50	-4.10	QР		0	
3	ļ	25	56.0100	23.39	17.44	40.83	46.00	-5.17	QP		0	
4	*	32	20.0298	25.11	17.00	42.11	46.00	-3.89	QP		0	
5		48	80.0800	18.07	21.70	39.77	46.00	-6.23	QP		0	
6		64	40.1300	14.88	24.00	38.88	46.00	-7.12	QP		0	

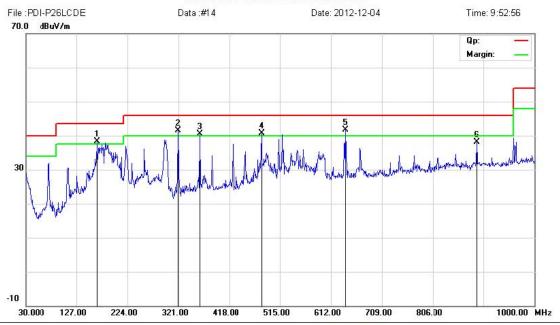
*:Maximum data x:Over limit : !:over margin

> Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: DVD Playing

Note:

Polarization: Horizontal Power: AC 120V/60Hz

Temperature: 26 61 % Humidity:

Distance:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBu∀/m	dBuV/m	dB	Detector	cm	degree	Comment
1	İ	165.8000	21.01	17.20	38.21	43.50	-5.29	QР		0	
2	ļ	320.0300	24.43	17.00	41.43	46.00	-4.57	QP		0	
3	ļ	361.7400	22.30	18.28	40.58	46.00	-5.42	QΡ		0	
4	ļ	480.0800	19.09	21.70	40.79	46.00	-5.21	QP		0	
5	*	640.1300	17.69	24.00	41.69	46.00	-4.31	QP		0	
6		890.3900	10.86	27.30	38.16	46.00	-7.84	QP		0	

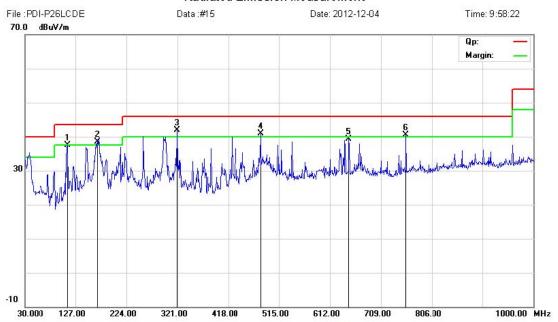
*:Maximum data x:Over limit : !:over margin

> Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: DTV-02

Note:

Polarization: **Vertical** Power: AC 120V/60Hz Temperature: 26 Humidity: 61 %

Distance:

No.	Μŀ	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBu∀/m	dBuV/m	dB	Detector	cm	degree	Comment
1	ļ	111.4800	21.18	16.37	37.55	43.50	-5.95	QP		0	
2		168.7100	21.29	17.20	38.49	43.50	-5.01	QP		0	
3	*	320.0300	24.96	17.00	41.96	46.00	-4.04	QP		0	
4	ļ	480.0800	19.19	21.70	40.89	46.00	-5.11	QP		0	
5		647.8900	15.29	24.08	39.37	46.00	-6.63	QP		0	
6	ļ	756.5300	14.83	25.67	40.50	46.00	-5.50	QP		0	

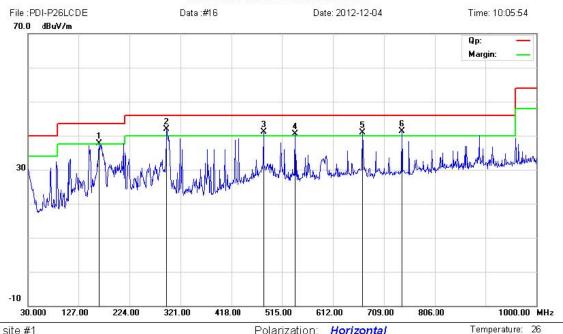
*:Maximum data x:Over limit !:over margin

Engineer Signature: Roy



Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: DTV-02

Note:

Polarization: Horizontal Power: AC 120V/60Hz

61 % Humidity:

Distance:

	No.	M	۲.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
_				MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
	1	ļ	165.	.8000	20.42	17.20	37.62	43.50	-5.88	QΡ		0	
_	2	*	294.	.8100	22.55	19.30	41.85	46.00	-4.15	QΡ		0	
	3	ļ	480.	.0800	19.37	21.70	41.07	46.00	-4.93	QΡ		0	
_	4	ļ	540.	.2200	18.28	22.20	40.48	46.00	-5.52	QΡ		0	
	5	ļ	668.	.2600	16.40	24.43	40.83	46.00	-5.17	QP		0	
	6	ļ	742.	.9500	15.60	25.68	41.28	46.00	-4.72	QP		0	

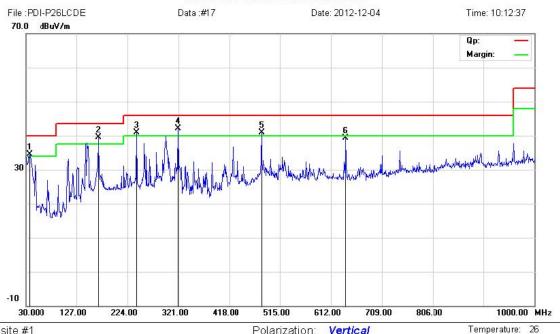
*:Maximum data x:Over limit : !:over margin

> Engineer Signature: Roy



Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: DTV-13

Note:

Polarization: **Vertical** Power: AC 120V/60Hz

Humidity: 61 %

Distance:

N	0.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
	1	ļ	36.7900	15.13	19.47	34.60	40.00	-5.40	QР		0	
	2	*	168.7100	22.35	17.20	39.55	43.50	-3.95	QP		0	
	3	İ	241.4600	23.72	17.26	40.98	46.00	-5.02	QP		0	
	4	ļ	320.0300	25.05	17.00	42.05	46.00	-3.95	QP		0	
	5	ļ	480.0800	19.13	21.70	40.83	46.00	-5.17	QP		0	
	6		640.1300	15.26	24.00	39.26	46.00	-6.74	QP		0	

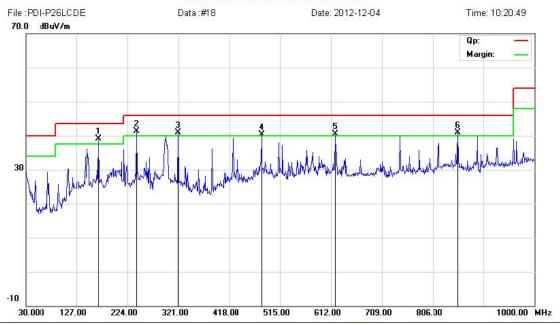
*:Maximum data x:Over limit !:over margin

Engineer Signature: Allen



Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: DTV-13

Note:

Polarization: Horizontal

Power: AC 120V/60Hz

Temperature: 26 Humidity: 61 %

Distance:

No.	M	к. F	req.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		ħ	ИНz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	168.7	7100	22.00	17.20	39.20	43.50	-4.30	QΡ		0	
2	ļ	241.4	1600	24.00	17.26	41.26	46.00	-4.74	QР		0	
3	ļ	320.0	300	23.94	17.00	40.94	46.00	-5.06	QP		0	
4	ļ	480.0	0800	18.67	21.70	40.37	46.00	-5.63	QΡ		0	
5	ļ	619.7	7600	17.08	23.50	40.58	46.00	-5.42	QΡ		0	
6	ļ	854.5	5000	13.84	27.15	40.99	46.00	-5.01	QP		0	

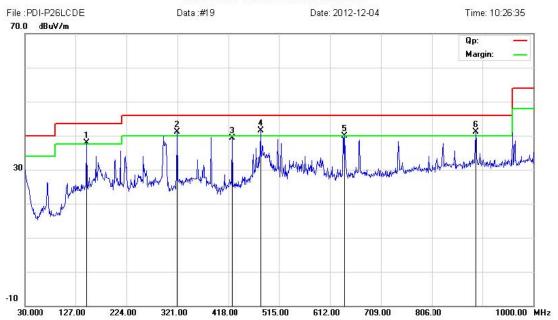
*:Maximum data x:Over limit !:over margin

Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: DTV-69

Note:

Polarization: *Horizontal* Power: AC 120V/60Hz

Distance:

Temperature: 26 Humidity: 61 %

Humidit

No	M	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	ļ	14	8.3400	21.32	16.63	37.95	43.50	-5.55	QΡ		0	
2	ļ	32	20.0300	24.01	17.00	41.01	46.00	-4.99	QР		0	
3		42	4.7900	19.06	20.29	39.35	46.00	-6.65	QP		0	
4	*	48	0.0800	19.88	21.70	41.58	46.00	-4.42	QP		0	
5		64	-0.1300	15.89	24.00	39.89	46.00	-6.11	QΡ		0	
6	ļ	89	0.3900	13.71	27.30	41.01	46.00	-4.99	QP		0	

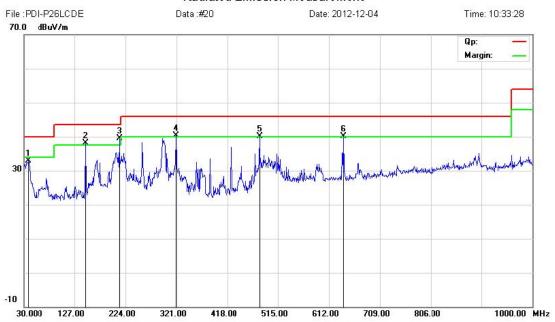
*:Maximum data x:Over limit !:over margin

Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: DTV-69 Note: Polarization: **Vertical** Power: AC 120V/60Hz Temperature: 26 Humidity: 61 %

Distance:

	No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
	1		38.7300	15.01	17.85	32.86	40.00	-7.14	QΡ		0	
	2	ļ	148.3400	21.52	16.63	38.15	43.50	-5.35	QΡ		0	
	3	*	212.3600	23.55	16.00	39.55	43.50	-3.95	QΡ		0	
-	4	ļ	320.0298	23.36	17.00	40.36	46.00	-5.64	QΡ		0	
	5	ļ	480.0800	18.33	21.70	40.03	46.00	-5.97	QP		0	
-	6	-	640 1300	16 16	24 00	40.16	46 00	-5 84	QP		0	

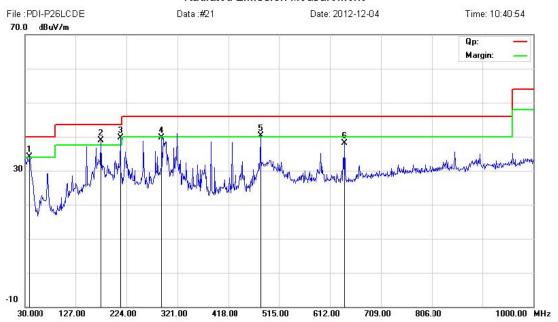
*:Maximum data x:Over limit !:over margin

Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: FM Mode Note: FM 88.3Hz Polarization: **Vertical** Power: AC 120V/60Hz Temperature: 26 Humidity: 61 %

Distance:

No	. N	1k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	ļ		38.7300	16.24	17.85	34.09	40.00	-5.91	QР		0	
2	ļ	1	175.5000	22.07	16.92	38.99	43.50	-4.51	QP		0	
3	*	2	212.3600	23.64	16.00	39.64	43.50	-3.86	QP		0	
4		2	290.9300	20.36	19.38	39.74	46.00	-6.26	QP		0	
5	ļ	4	180.0800	18.67	21.70	40.37	46.00	-5.63	QP		0	
6		6	340.1300	14.14	24.00	38.14	46.00	-7.86	QP		0	

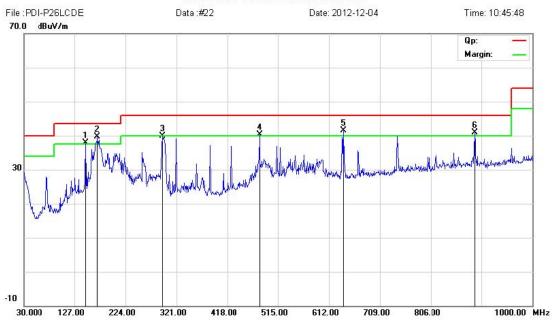
*:Maximum data x:Over limit !:over margin

Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE Mode: FM Mode

Note: FM 88.3Hz

Polarization: *Horizontal* Power: AC 120V/60Hz

Humidity:

Temperature:

26

61 %

Distance:

N	0.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBu∀/m	dBuV/m	dB	Detector	cm	degree	Comment
	1	ļ	148.3400	21.29	16.63	37.92	43.50	-5.58	QP		0	
	2	*	170.6500	22.47	17.16	39.63	43.50	-3.87	QP		0	
	3		294.8100	20.55	19.30	39.85	46.00	-6.15	QP		0	
	4	ļ	480.0800	18.52	21.70	40.22	46.00	-5.78	QP		0	
	5	ļ	640.1300	17.49	24.00	41.49	46.00	-4.51	QP		0	
	6	ļ	890.3900	13.51	27.30	40.81	46.00	-5.19	QP		0	

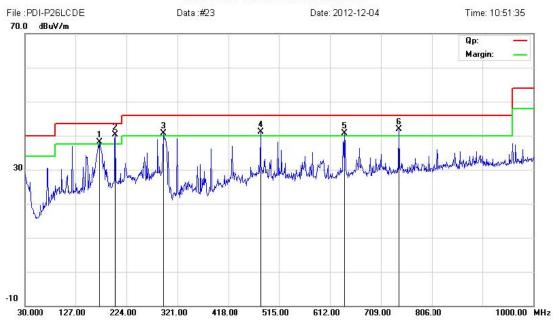
*:Maximum data x:Over limit !:over margin

Engineer Signature: Allen



Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: FM Mode Note: FM 98.3Hz

Polarization: Horizontal

Power: AC 120V/60Hz

Temperature:

Humidity:

26

61 %

Distance:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1 ! 1	172.5900	20.98	17.07	38.05	43.50	-5.45	QP		0	
2 * 2	202.6600	23.11	17.27	40.38	43.50	-3.12	QP		0	
3 ! 2	294.8100	21.44	19.30	40.74	46.00	-5.26	QΡ		0	
4 ! 4	180.0800	19.45	21.70	41.15	46.00	-4.85	QΡ		0	
5 ! 6	340.1300	16.77	24.00	40.77	46.00	-5.23	QΡ		0	
6 ! 7	742.9500	16.21	25.68	41.89	46.00	-4.11	QP		0	

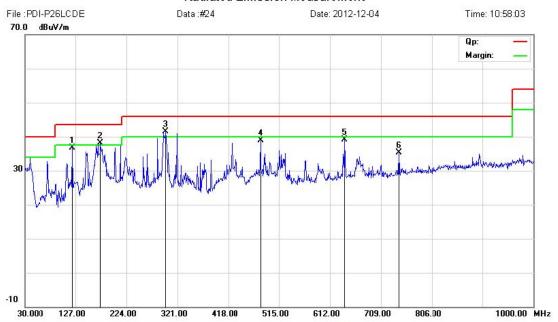
*:Maximum data x:Over limit : !:over margin

> Engineer Signature: Allen



Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: FM Mode Note: FM 98.3Hz Polarization: **Vertical** Power: AC 120V/60Hz Temperature: 26 Humidity: 61 %

Distance:

No.	Mk	Κ.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∀	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		121	.1800	19.18	17.55	36.73	43.50	-6.77	QP		0	
2	ļ	174	.5300	21.09	16.97	38.06	43.50	-5.44	QР		0	
3	*	298	.6900	22.18	19.30	41.48	46.00	-4.52	QP		0	
4		480	.0800	17.23	21.70	38.93	46.00	-7.07	QP		0	
5		640	.1300	15.03	24.00	39.03	46.00	-6.97	QP		0	
6		742	.9500	9.61	25.68	35.29	46.00	-10.71	QΡ		0	

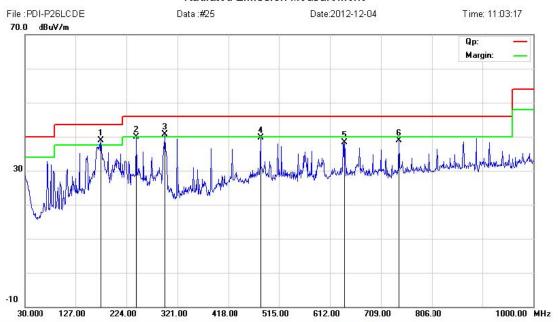
*:Maximum data x:Over limit !:over margin

Engineer Signature: Allen



Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: FM Mode Note: FM 107.3Hz

Polarization: Horizontal

Power: AC 120V/60Hz

Temperature: 26 61 % Humidity:

Distance:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	175.5000	22.00	16.92	38.92	43.50	-4.58	QP		0	
2		242.4300	22.63	17.30	39.93	46.00	-6.07	QP		0	
3	ļ	296.7500	21.35	19.30	40.65	46.00	-5.35	QP		0	
4		480.0800	17.91	21.70	39.61	46.00	-6.39	QP		0	
5		640.1300	14.25	24.00	38.25	46.00	-7.75	QP		0	
6		742.9500	13.31	25.68	38.99	46.00	-7.01	QP		0	

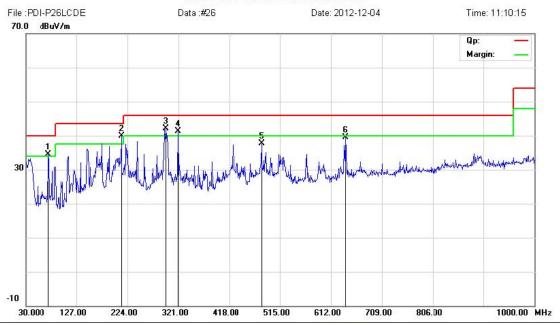
*:Maximum data x:Over limit : !:over margin

> Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: FM Mode Note: FM 107.3Hz Polarization: Vertica

Power: AC 120V/60Hz

Temperature: 26 61 % Humidity:

Distance:

 lo.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	ļ	73.6500	22.92	11.66	34.58	40.00	-5.42	QР		0	
2	*	212.3600	23.84	16.00	39.84	43.50	-3.66	QP		0	
3	İ	296.7500	22.90	19.30	42.20	46.00	-3.80	QP		0	
4	ļ	320.0300	24.23	17.00	41.23	46.00	-4.77	QP		0	
5		480.0800	16.10	21.70	37.80	46.00	-8.20	QP		0	
6		640.1300	15.46	24.00	39.46	46.00	-6.54	QP		0	

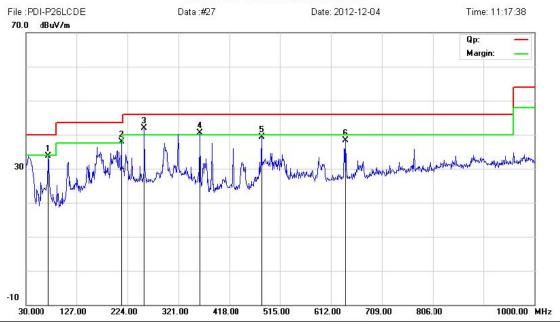
*:Maximum data x:Over limit : !:over margin

> Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: HDMI IN

Note:

Polarization: **Vertical** Power: AC 120V/60Hz Temperature: 26 Humidity: 61 %

Distance:

	No.	MI	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
-				MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
_	1		7:	3.6500	22.00	11.66	33.66	40.00	-6.34	QР		0	
_	2		21:	2.3600	21.90	16.00	37.90	43.50	-5.60	QΡ		0	
_	3	*	25	6.0100	24.39	17.44	41.83	46.00	-4.17	QΡ		0	
_	4	ļ	36	1.7400	22.27	18.28	40.55	46.00	-5.45	QP		0	
_	5		48	0.0800	17.57	21.70	39.27	46.00	-6.73	QP		0	
_	6		640	0.1300	14.38	24.00	38.38	46.00	-7.62	QP		0	

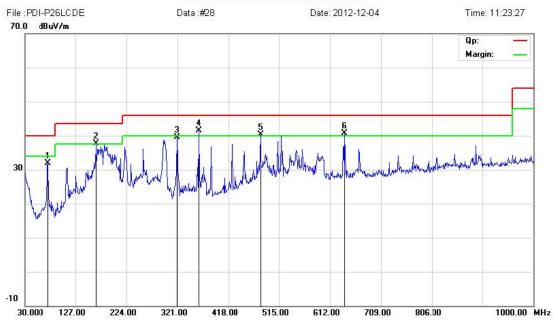
*:Maximum data x:Over limit !:over margin

Engineer Signature: Allen



Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: HDMI IN

Note:

Polarization: *Horizontal*Power: AC 120V/60Hz

Humidity: 61 %

Temperature:

26

Distance:

No	. М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		7	74.6200	20.31	11.65	31.96	40.00	-8.04	QР		0	
2	ļ	16	65.8000	20.51	17.20	37.71	43.50	-5.79	QΡ		0	
3		32	20.0300	22.43	17.00	39.43	46.00	-6.57	QΡ		0	
4	*	36	61.7400	23.30	18.28	41.58	46.00	-4.42	QΡ		0	
- 5	ļ	48	80.0800	18.59	21.70	40.29	46.00	-5.71	QΡ		0	
6	ļ	64	40.1300	16.69	24.00	40.69	46.00	-5.31	QP		0	

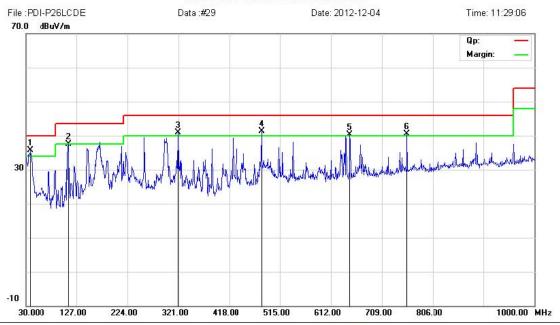
*:Maximum data x:Over limit !:over margin

Engineer Signature: Allen



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: SD Playing

Note:

Polarization: Vertical Power: AC 120V/60Hz

Temperature: 26 61 % Humidity:

Distance:

No	. MI	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBu∀/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	38.7300	17.85	17.85	35.70	40.00	-4.30	QР		0	
2	ļ	111.4800	21.18	16.37	37.55	43.50	-5.95	QP		0	
3	ļ	320.0300	23.96	17.00	40.96	46.00	-5.04	QP		0	
4	ļ	480.0800	19.69	21.70	41.39	46.00	-4.61	QP		0	
5	İ	647.8900	16.29	24.08	40.37	46.00	-5.63	QР		0	
6	ļ	756.5300	14.83	25.67	40.50	46.00	-5.50	QР		0	

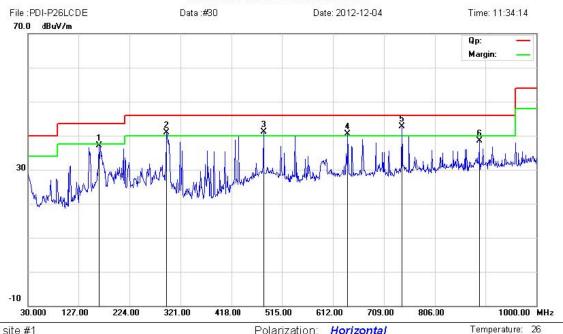
*:Maximum data x:Over limit : !:over margin

> Engineer Signature: Roy



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV

M/N: PDI-P26LCDE Mode: SD Playing

Note:

Polarization: Horizontal

Power: AC 120V/60Hz

Humidity:

61 %

Distance:

No	١.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1			165.8000	19.92	17.20	37.12	43.50	-6.38	QP		0	
2		ļ	294.8100	21.55	19.30	40.85	46.00	-5.15	QP		0	
3		ļ	480.0800	19.37	21.70	41.07	46.00	-4.93	QP		0	
4		ļ	640.1300	16.48	24.00	40.48	46.00	-5.52	QP		0	
5		*	742.9500	17.10	25.68	42.78	46.00	-3.22	QP		0	
6			891.3600	11.27	27.31	38.58	46.00	-7.42	QP		0	

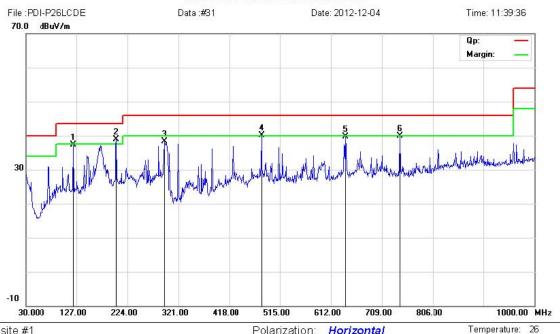
*:Maximum data x:Over limit : !:over margin

> Engineer Signature: Roy



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Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: USB Recording

Note:

Polarization: Horizontal Power: AC 120V/60Hz

61 % Humidity:

Distance:

No.	MI	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		12	1.1800	19.76	17.55	37.31	43.50	-6.19	QP		0	
2	*	20	2.6600	21.61	17.27	38.88	43.50	-4.62	QР		0	
3		29	4.8100	18.94	19.30	38.24	46.00	-7.76	QP		0	
4	ļ	48	0.0800	18.45	21.70	40.15	46.00	-5.85	QP		0	
5		64	0.1300	15.77	24.00	39.77	46.00	-6.23	QP		0	
6		74	2.9500	14.21	25.68	39.89	46.00	-6.11	QP		0	

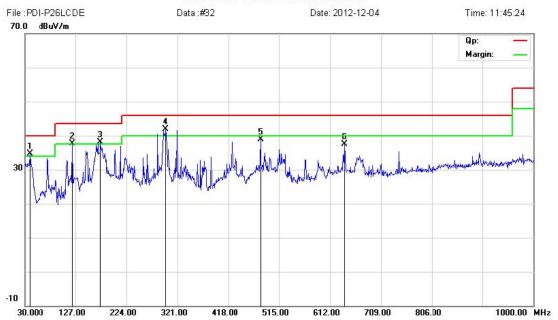
*:Maximum data x:Over limit : !:over margin

> Engineer Signature: Allen



Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site site #1

Limit: FCC Part15 B 3M Radiation

EUT: LCD TV M/N: PDI-P26LCDE

Mode: USB Recording

Note:

Polarization: Vertical

Power: AC 120V/60Hz

Humidity: Distance:

Temperature:

26

61 %

_				Reading	Correct	Measure-				Antenna	Table	
	No.	Μk	k. Freq.	Level	Factor	ment	Limit	Over		Height	Degree	
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
	1	ļ	39.7000	17.58	17.05	34.63	40.00	-5.37	QΡ		0	
	2	ļ	121.1800	20.18	17.55	37.73	43.50	-5.77	QΡ		0	
	3	ļ	174.5300	21.09	16.97	38.06	43.50	-5.44	QΡ		0	
	4	*	298.6900	22.68	19.30	41.98	46.00	-4.02	QΡ		0	
	5		480.0800	17.23	21.70	38.93	46.00	-7.07	QΡ		0	
	6		640.1300	13.53	24.00	37.53	46.00	-8.47	QP		0	

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

> Engineer Signature: Allen



Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement File:PDI-P26LCDE Data:#5 Date: 2012-12-04 Time: 16:16:31 70.0 dBuV/m AVG: 60 50 40 30 20 10

2600.00

Site Chamber #1

-10.0

0

Limit: FCC Part 15 B 1000-5000MHz PK

1800.00

2200.00

EUT: LCD TV

1000.000 1400.00

M/N: PDI-P26LCDE Mode: Running "H" Parttern Note: VGA:1600*1200@60Hz Polarization: Vertical Power: AC 120V/60Hz

3000.00

3400.00

Temperature: 26 Humidity:

60 %

5000.00 MHz

Distance:

3800.00

4200.00

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	3	1300.000	49.87	0.00	49.87	74.00	-24.13	peak			
2		1300.000	39.40	0.00	39.40	54.00	-14.60	AVG			
3		1570.000	46.99	0.00	46.99	74.00	-27.01	peak			
4		1570.000	37.20	0.00	37.20	54.00	-16.80	AVG			
5	1	2180.000	50.94	0.00	50.94	74.00	-23.06	peak			
6	*	2180.000	41.30	0.00	41.30	54.00	-12.70	AVG			
7	1 8	2820.000	50.74	0.00	50.74	74.00	-23.26	peak			
8	1 8	2820.000	40.80	0.00	40.80	54.00	-13.20	AVG			
9		3270.000	46.83	0.00	46.83	74.00	-27.17	peak			
10		3270.000	35.90	0.00	35.90	54.00	-18.10	AVG			
11	3	4270.000	44.35	0.00	44.35	74.00	-29.65	peak			
12		4270.000	35.20	0.00	35.20	54.00	-18.80	AVG			

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

> Engineer Signature: Kavin

Temperature:

Humidity:

26

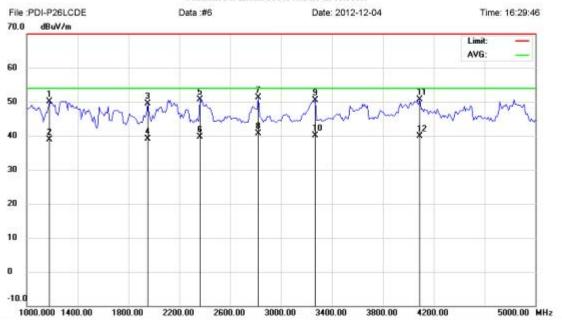
60 %



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

Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Polarization:

Site Chamber #1

No. Mk.

1

2

3

4

5

6

7

8

9

10

11

12

Limit: FCC Part 15 B 1000-5000MHz PK

EUT: LCD TV

Reading

Level

dBuV

50.16

38.90

49.59

39.20

50.78

39.80

51.35

40.80

50.44

40.20

50.74

39.90

Correct

Factor

dB

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

40.20

50.74

39.90

54.00

74.00

54.00

-13.80

-23.26

-14.10

AVG

peak

AVG

M/N: PDI-P26LCDE Mode: Running "H" Parttern Note: VGA:1600*1200@60Hz

Freq.

MHz

1180,000

1180.000

1950.000

1950,000

2360.000

2360.000

2820.000

2820.000

3270.000

3270.000

4090.000

4090,000

Power: AC 120V/60Hz

Horizontal

Distance:

Measure-Antenna Table Limit Over ment Height Degree dBuV/m dBuV/m dB Detector degree cm Comment 74.00 50.16 -23.84peak -15.1038.90 54.00 AVG 49.59 74.00 -24.41 peak 39.20 54.00 -14.80AVG 50.78 74.00 -23.22 peak 39.80 54.00 -14.20AVG 51.35 74.00 -22.65 peak 54.00 -13.20AVG 40.80 50.44 74.00 -23.56peak

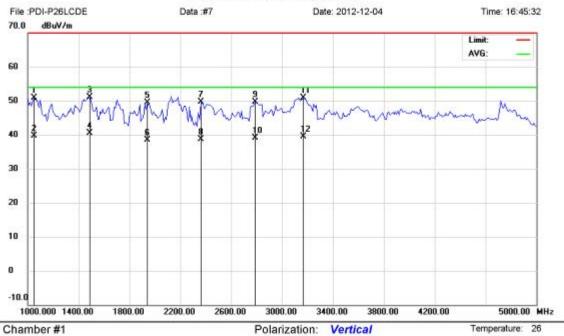
*:Maximum data x:Over limit !:over margin

Engineer Signature: Kavin



Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site Chamber #1

Limit: FCC Part 15 B 1000-5000MHz PK

EUT: LCD TV

M/N: PDI-P26LCDE Mode: HDMI IN

Note:

Power: AC 120V/60Hz

Distance:

Humidity:

60 %

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1050.000	50.82	0.00	50.82	74.00	-23.18	peak			
2		1050.000	39.80	0.00	39.80	54.00	-14.20	AVG			
3		1490.000	51.10	0.00	51.10	74.00	-22.90	peak			
4	*	1490.000	40.50	0.00	40.50	54.00	-13.50	AVG			
5		1940.000	49.47	0.00	49.47	74.00	-24.53	peak			
6		1940.000	38.60	0.00	38.60	54.00	-15.40	AVG			
7		2360.000	49.72	0.00	49.72	74.00	-24.28	peak			
8		2360.000	38.70	0.00	38.70	54.00	-15.30	AVG			
9	1	2790.000	49.78	0.00	49.78	74.00	-24.22	peak			
10		2790.000	39.20	0.00	39.20	54.00	-14.80	AVG			
11		3170.000	50.93	0.00	50.93	74.00	-23.07	peak			
12		3170.000	39.60	0.00	39.60	54.00	-14.40	AVG			

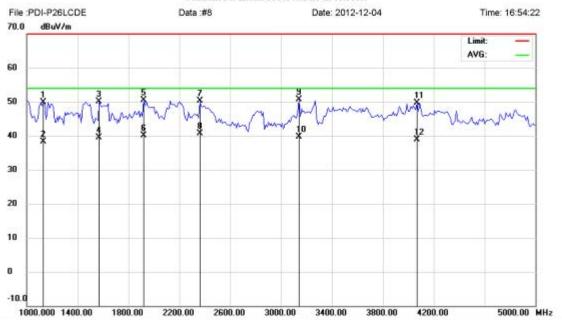
*:Maximum data x:Over limit !:over margin

> Engineer Signature: Kavin



Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site Chamber #1

Limit: FCC Part 15 B 1000-5000MHz PK

EUT: LCD TV

M/N: PDI-P26LCDE Mode: HDMI IN

Note:

Polarization: Horizontal

Power: AC 120V/60Hz

Distance:

Temperature:

Humidity:

26

60 %

No.	Mk	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1130.000	49.93	0.00	49.93	74.00	-24.07	peak			
2		1130.000	38.40	0.00	38.40	54.00	-15.60	AVG			
3		1570.000	50.13	0.00	50.13	74.00	-23.87	peak			
4	. ,	1570.000	39.50	0.00	39.50	54.00	-14.50	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		2360.000	50.25	0.00	50.25	74.00	-23.75	peak			
8	*	2360.000	40.80	0.00	40.80	54.00	-13.20	AVG			
9		3140.000	50.65	0.00	50.65	74.00	-23,35	peak			
10		3140.000	39.70	0.00	39.70	54.00	-14.30	AVG			
11		4070.000	49.74	0.00	49.74	74.00	-24.26	peak			
12		4070.000	38.90	0.00	38.90	54.00	-15.10	AVG			

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

Engineer Signature: Kavin