



FCC TEST REPORT

For

7DW Digital Photo Frame

**MODEL No.: DF07105-13-XXX(X=A-Z,a-z,0-9), DPF7931, EB7931,
GALLERY, BP07D**

Trademark: N/A

FCC ID: V37-OR7213-7DW

REPORT NO: ED10060057-2

ISSUE DATE: June 26, 2010

Prepared for

**WIN ACCORD LTD.
12F, NO. 225, SEC 5, 105 SONG SHAN DIST.,
NAN JING EAST ROAD, TAIPEI, TAIWAN**

Prepared by

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TEST REPORT DESCRIPTION

Applicant : WIN ACCORD LTD.
Manufacturer : WIN ACCORD LTD.
EUT : 7DW Digital Photo Frame
FCC ID No. : V37-OR7213-7DW
Test Voltage : AC 120V 60Hz
File Number : ED10060057-2
Date of Test : June 11, 2010 to June 26, 2010

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B Class B October 2009 & FCC / ANSI C63.4-2009

The device described above is tested by Dongguan EMTEK Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and Dongguan EMTEK Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Dongguan EMTEK Co., Ltd.

Approved By



Nicol Lee / Q.A. Manager
DONGGUAN EMTEK CO., LTD.

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	7DW Digital Photo Frame
Model Number	:	Basic Model: DF07105-13-XXX(X=A-Z,a-z,0-9); Additional Model: DPF7931, EB7931, GALLERY, BP07D (Note: These models are the same except model number, all models use the same FCC ID Number.)
Cable	:	USB Line, 1.5m shielded line, with a core.
FCC ID Number	:	V37-OR7213-7DW
Trade Mark	:	N/A
Power Supply	:	AC 120V 60Hz
Adapter	:	Manufacturer: E-TEK Electronics Manufactory Ltd. M/N: ZDA050150US Input: AC 100~240V 50/60Hz 0.35A Output: DC 5V 1.5A
Applicant	:	WIN ACCORD LTD.
Address	:	12F, NO. 225, SEC 5, 105 SONG SHAN DIST., NAN JING EAST ROAD, TAIPEI, TAIWAN
Manufacturer	:	WIN ACCORD LTD.
Address	:	12F, NO. 225, SEC 5, 105 SONG SHAN DIST., NAN JING EAST ROAD, TAIPEI, TAIWAN
Date of sample receiver	:	June 11, 2010
Date of Test	:	June 11, 2010 to June 26, 2010

1.2. Description of Support Device

PC	:	Manufacturer: Dell Inc. M/N: DCSM S/N: CXBMMZX FCC ID: DoC
LCD Monitor	:	Manufacturer: Dell Inc. M/N: E1909Wf FCC ID: DoC
USB Mouse	:	Manufacturer: Dell Inc. M/N: M-UAK DEL7 P/N: XN966 FCC ID: DoC
USB Keyboard	:	Manufacturer: Dell Inc. M/N: L30U S/N:D1C FCC ID: DoC
Printer	:	Manufacturer: HP M/N:HP LaserJet 1020 S/N: CNCK512065 P/N: Q5911A FCC ID: DoC
USB	:	Kingston 2GB
SD Card	:	Kingston 2GB

1.3 Test Facility

Site Description

- EMC Lab : Accredited by CNAS, 2007.07.27
The certificate is valid until 2012.07.26
The Laboratory has been assessed and proved to be in compliance with CNAS/CL01:2005
The Certificate Registration Number is L3150
- Accredited by TUV Rheinland Shenzhen 2009.09.16
The certificate is valid until 2011.03.16
The Laboratory has been assessed according to the requirements ISO/IEC 17025
- Accredited by FCC, Nov. 05, 2008
The Certificate Number is 247565.
- Accredited by Industry Canada, May 24, 2008
The Certificate Registration Number. is 46405-4480
- Name of Firm : Dongguan EMTEK Co., Ltd.
Site Location : No.281, Guantai Road, Nancheng District, Dongguan, Guangdong, China.

1.4 Measurement Uncertainty

- Conducted Emission Uncertainty : $U_r = 3.3$
- Radiated Emission Uncertainty : $U_c = 2.8$
- Disturbance Power Uncertainty : $U_c = 2.6$

2. POWER LINE CONDUCTED MEASUREMENT

2.1. Test Equipment

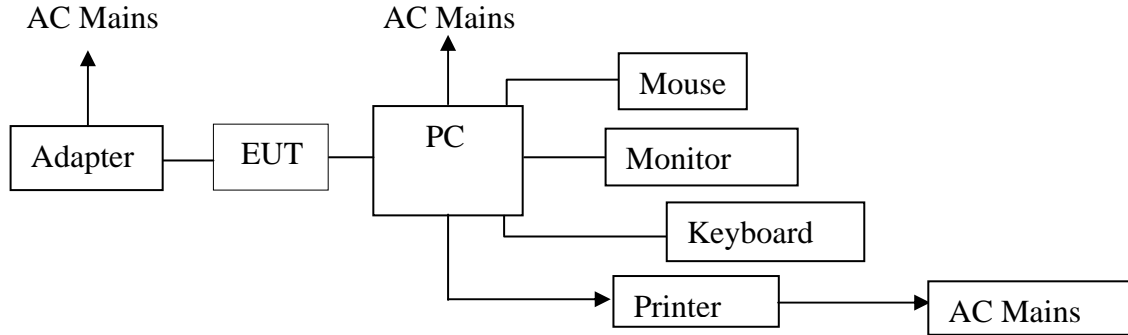
The following test equipments are used during the power line conducted measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	EMI Test Receiver	ROHDE&SCHWARZ	ESCS30	828985/018	May 29, 2010	1 Year
2	LISN	ROHDE&SCHWARZ	ENV216	100017	May 29, 2010	1Year
3	Conical Housing	EMTEK	N/A	N/A	May 29, 2010	N/A
4	Voltage Probe	SCHWARZBECK	EZ-17	100213	May 29, 2010	1Year
5	50 Ω Coaxial Switch	ANRITSU CORP	MP59B	6100175589	May 29, 2010	1Year

2.2. Block Diagram of Test Setup

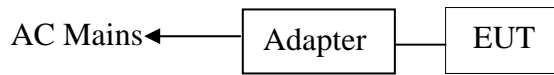
2.2.1 Block diagram of connection between the EUT and simulators

(1) Connect to PC:



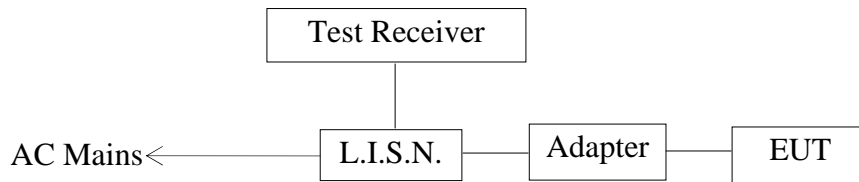
(EUT: 7DW Digital Photo Frame)

(2) SD Card Playing, Memory Playing, USB Playing:



(EUT: 7DW Digital Photo Frame)

2.2.2 Block diagram of test setup



(EUT: 7DW Digital Photo Frame)

2.3. Power Line Conducted Emission Measurement Limits

Conducted Emission Limits is as following.

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

- Notes: 1. *Decreasing linearly with logarithm of frequency.
 2. The lower limit shall apply at the transition frequencies.

2.4. Configuration of EUT on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

EUT : 7DW Digital Photo Frame
 Model Number : DF07105-13-XXX
 Manufacturer : WIN ACCORD LTD.

2.5. Operating Condition of EUT

- 2.5.1. Setup the EUT and simulator as shown as Section 2.2.
- 2.5.2. Turn on the power of all equipment.
- 2.5.3. Let the EUT work in test model (Connect to PC, SD Card Playing, Memory Playing, USB Playing) and measure it.

2.6. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.4-2009 on Conducted Emission Measurement.

The bandwidth of test receiver (R&S ESCS30) is set at 9KHz.
 The frequency range from 150KHz to 30MHz is checked.

2.7. Power Line Conducted Emission Measurement Results

PASS

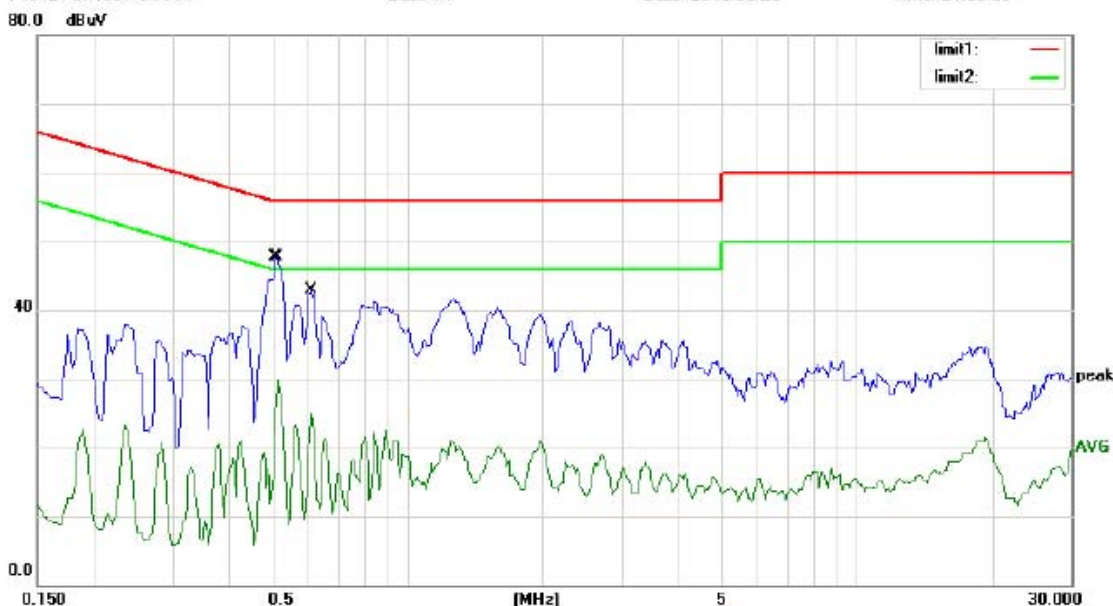
The frequency range from 150KHz to 30 MHz is investigated.

The scanning waveforms refer to the following pages.



Conducted Emission Measurement

File :DF07105-13-XXX Data #7 Date: 2010/06/20 Time: 21:09:39



Site site #1 Phase: L1 Temperature: 25
 Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: Memory Playing
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.5100	43.79	0.00	43.79	56.00	-12.21	QP	
2		0.5150	29.87	0.00	29.87	46.00	-16.13	AVG	
3		0.6100	40.15	0.00	40.15	56.00	-15.85	QP	
4		0.6100	24.92	0.00	24.92	46.00	-21.08	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jeos

File :DF07105-13-XXX\Data :#7

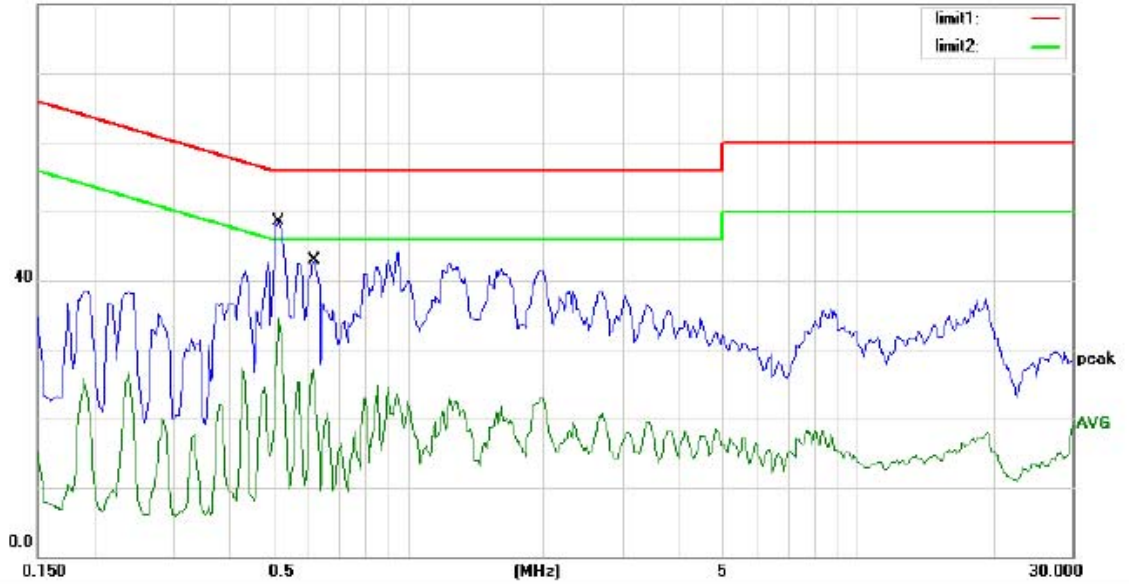
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Conducted Emission Measurement

File :DF07105-13-XXX Data :#8 Date: 2010/06/20 Time: 21:12:44



Site site #1 Phase: **N** Temperature: 25
 Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: Memory Playing
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.5150	43.42	0.00	43.42	56.00	-12.58	QP	
2	*	0.5150	34.44	0.00	34.44	46.00	-11.56	AVG	
3		0.6150	39.98	0.00	39.98	56.00	-16.02	QP	
4		0.6150	27.07	0.00	27.07	46.00	-18.93	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jeos

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Conducted Emission Measurement

File :DF07105-13-XXX Data #10 Date: 2010/06/20 Time: 21:19:01



Site site #1 Phase: **L1** Temperature: 25
 Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: SD Card Playing
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.5050	42.41	0.00	42.41	56.00	-13.59	QP	
2		0.5050	25.67	0.00	25.67	46.00	-20.33	AVG	
3		0.5700	41.24	0.00	41.24	56.00	-14.76	QP	
4		0.5700	23.57	0.00	23.57	46.00	-22.43	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jeos

File :DF07105-13-XXX\Data :#10

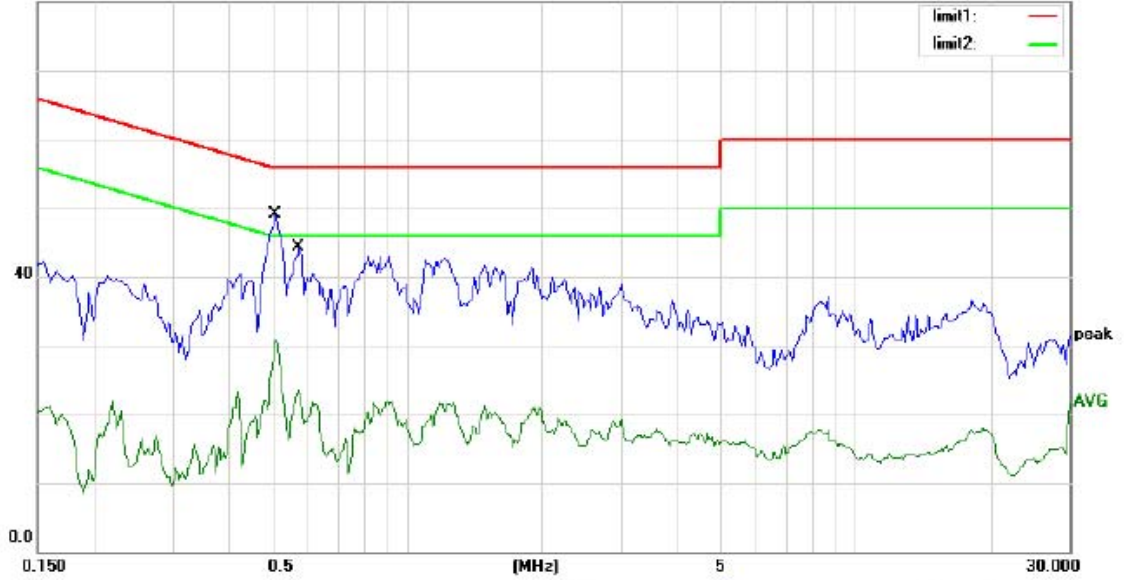
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Conducted Emission Measurement

File :DF07105-13-XXX Data :#9 Date: 2010/06/20 Time: 21:16:04



Site site #1 Phase: **N** Temperature: 25
 Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: SD Card Playing
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.5100	45.04	0.00	45.04	56.00	-10.96	QP	
2		0.5100	30.79	0.00	30.79	46.00	-15.21	AVG	
3		0.5750	41.38	0.00	41.38	56.00	-14.62	QP	
4		0.5750	23.45	0.00	23.45	46.00	-22.55	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jeos

File :DF07105-13-XXX\Data :#9

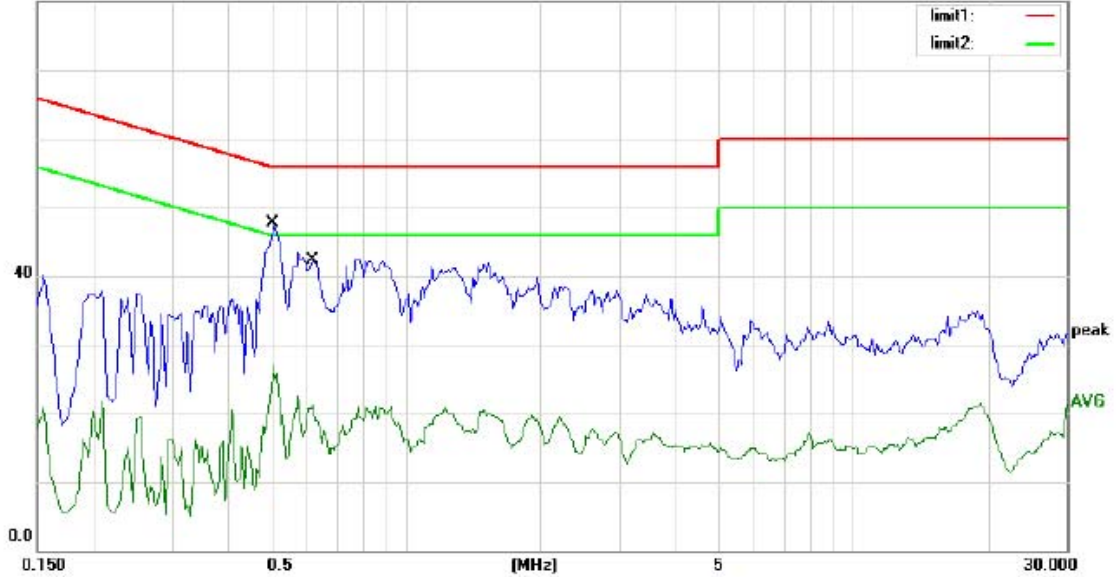
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Conducted Emission Measurement

File :DF07105-13-XXX Data #11 Date: 2010/06/20 Time: 21:21:49



Site site #1 Phase: L1 Temperature: 25
 Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: USB Playing
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.5050	43.71	0.00	43.71	56.00	-12.29	QP	
2		0.5050	27.19	0.00	27.19	46.00	-18.81	AVG	
3		0.6200	40.52	0.00	40.52	56.00	-15.48	QP	
4		0.6200	21.26	0.00	21.26	46.00	-24.74	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jeos

File :DF07105-13-XXX\Data :#11

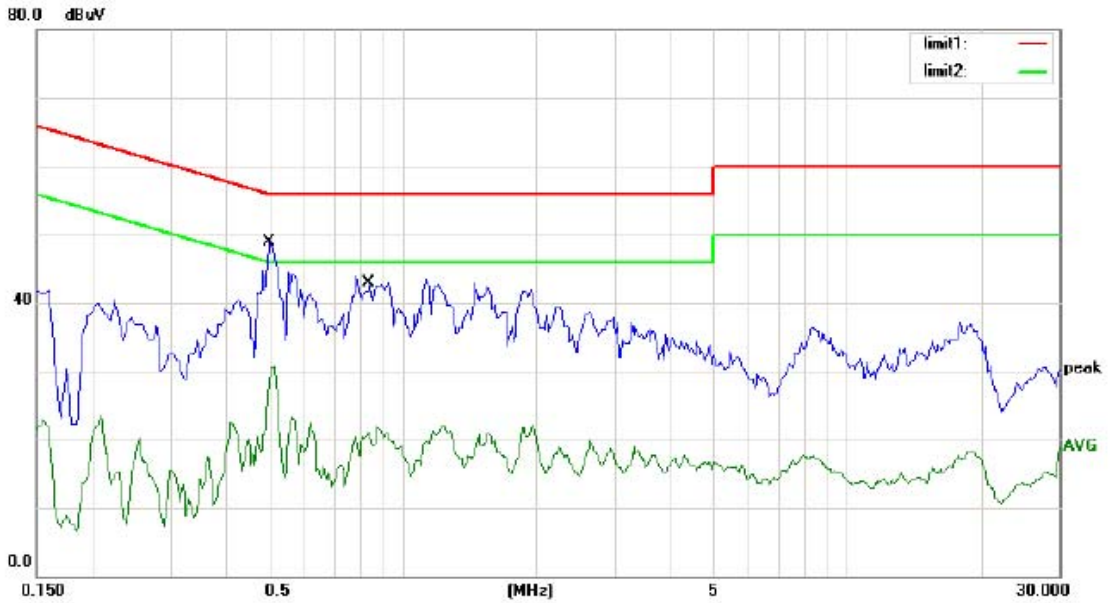
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Conducted Emission Measurement

File :DF07105-13-XXX Data :#12 Date: 2010/06/20 Time: 21:24:38



Site site #1 Phase: **N** Temperature: 25
 Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: USB Playing
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.5000	43.82	0.00	43.82	56.00	-12.18	QP	
2		0.5000	30.71	0.00	30.71	46.00	-15.29	AVG	
3		0.8350	40.88	0.00	40.88	56.00	-15.12	QP	
4		0.8350	21.03	0.00	21.03	46.00	-24.97	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jeos

File :DF07105-13-XXX>Data :#12

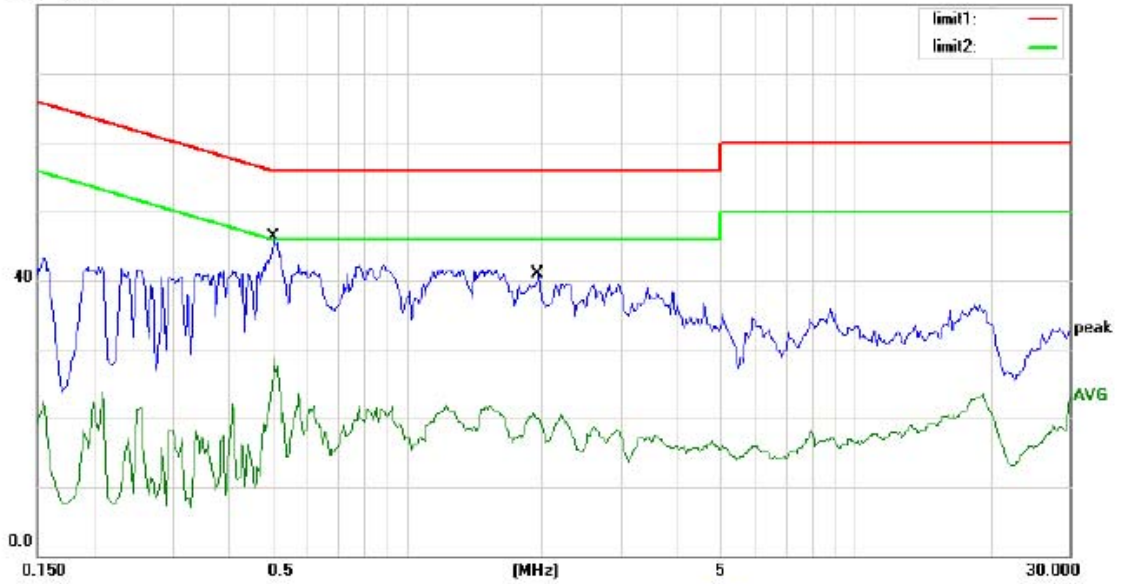
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Conducted Emission Measurement

File :DF07105-13-XXX Data #15 Date: 2010/06/20 Time: 21:40:25



Site site #1 Phase: **L1** Temperature: 25
 Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: Connec to PC
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.5050	46.21	0.00	46.21	56.00	-9.79	QP	
2		0.5050	28.69	0.00	28.69	46.00	-17.31	AVG	
3		1.9697	40.90	0.00	40.90	56.00	-15.10	QP	
4		1.9697	20.04	0.00	20.04	46.00	-25.96	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jeos

File :DF07105-13-XXX\Data :#15

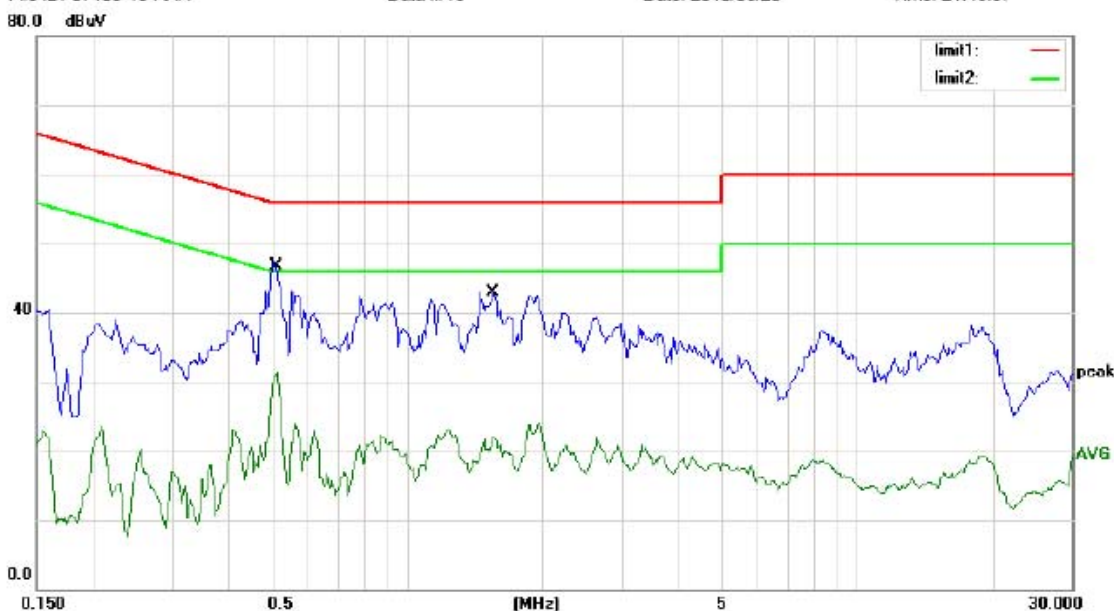
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Conducted Emission Measurement

File :DF07105-13-XXX Data #16 Date: 2010/06/20 Time: 21:46:37



Site site #1 Phase: **N** Temperature: 25
 Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: Connec to PC
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.5150	47.32	0.00	47.32	56.00	-8.68	QP	
2		0.5150	31.21	0.00	31.21	46.00	-14.79	AVG	
3		1.5550	42.85	0.00	42.85	56.00	-13.15	QP	
4		1.5550	21.99	0.00	21.99	46.00	-24.01	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jees

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

The following test equipments are used during the radiated emission measurement:

3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Rohde & Schwarz	ESCI	100137	May 29, 2010	1 Year
2.	Test Receiver	Rohde & Schwarz	ESCI	100137	May 29, 2010	1 Year
3.	Bilog Antenna	Schwarzbeck	VULB9163	143	May 29, 2010	1 Year
4.	Power Amplifier	HP	8447F	OPT H64	May 29, 2010	1 Year
5.	Positioning Controller	C&C LAB	CC-C-IF	N/A	May 29, 2010	1 Year
6.	Color Monitor	SUNSPO	SP-140A	N/A	May 29, 2010	1 Year
7.	Single Line Filter	JIANLI	XL-3	N/A	May 29, 2010	1 Year
8.	Single Phase Power Line Filter	JIANLI	DL-2X100B	N/A	May 29, 2010	1 Year
9.	3 Phase Power Line Filter	JIANLI	DL-4X100B	N/A	May 29, 2010	1 Year
10.	DC Power Filter	JIANLI	DL-2X50B	N/A	May 29, 2010	1 Year
11.	Cable	Schwarzbeck	PLF-100	N/A	May 29, 2010	1 Year
12.	Cable	Rosenberger	CIL02	A0783566	May 29, 2010	1 Year
13.	Cable	Rosenberger	AK9513	AC RX1	May 29, 2010	1 Year

3.3. Radiated Emission Limit

Radiated Emission Limits is as following.

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT
		dB(μ V)/m
30 ~ 88	3	40.0
88 ~ 216	3	43.5
216 ~ 960	3	46.0
960 ~ 1000	3	54.0
> 1000	3	74.0 dB(μ V)/m (peak) 54.0 dB(μ V)/m (Average)

- Remark :
- (1) Emission level (dB) μ V = 20 log Emission level μ V/m
 - (2) The smaller limit shall apply at the cross point between two frequency bands.
 - (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

3.4. EUT Configuration on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

7DW Digital Photo Frame (EUT)
Model Number : DF07105-13-XXX

3.5. Operating Condition of EUT

- 3.5.1 Setup the EUT as shown in Section 3.2.
- 3.5.2 Turn on the power of all equipment.
- 3.5.3 Let the EUT work in test mode (Connect to PC, SD Card Playing, Memory Playing, USB Playing) and measure it.

3.6. Test Procedure

EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2009 on radiated emission measurement.

The bandwidth of the EMI test receiver (R&S ESCI) set at 120KHz in 30MHz to 1000MHz, set at 1MHz above 1000MHz.

The frequency range from 30MHz to 1000MHz is checked.

3.7. Radiated Emission Noise Measurement Results

PASS.

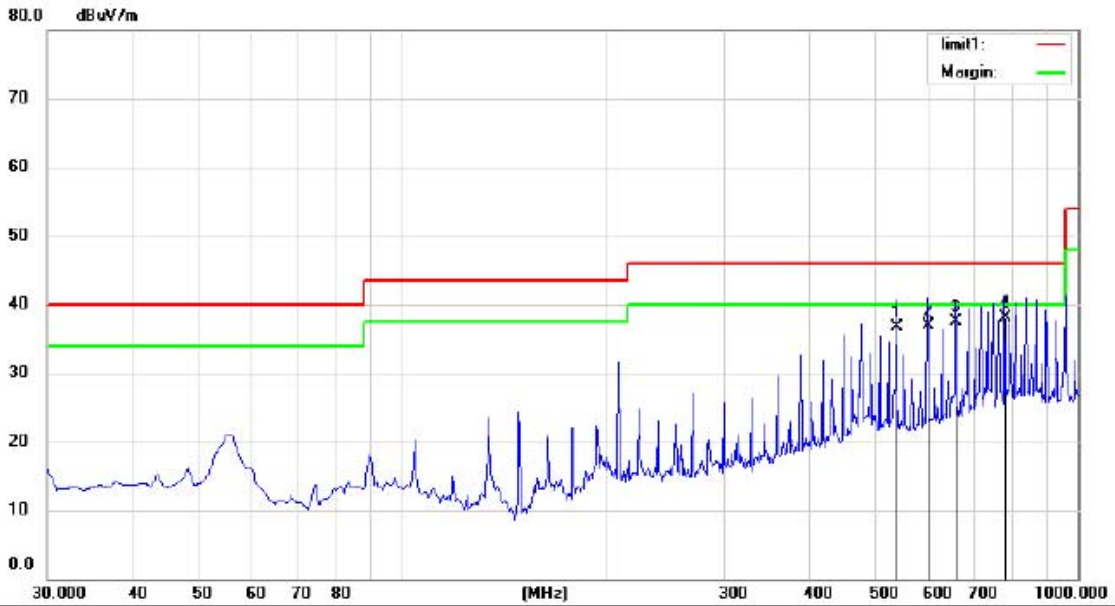
The scanning waveforms refer to the following pages:

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Radiated Emission Measurement

File :DF07105-13-XXX Data :#20 Date: 2010/06/22 Time: 19:33:17



Site Chamber #1 Polarization: **Horizontal** Temperature: 26
 Limit: (RE)FCC PART 15 class B 3m Power: AC 120V/60Hz Humidity: 55 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode:Memory Playing
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		540.2200	43.56	-6.84	36.72	46.00	-9.28	QP			
2		600.3600	42.39	-5.39	37.00	46.00	-9.00	QP			
3		660.5000	42.56	-5.01	37.55	46.00	-8.45	QP			
4	*	780.7800	41.45	-3.39	38.06	46.00	-7.94	QP			

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

Operator: Alice

File :DF07105-13-XXX>Data :#20

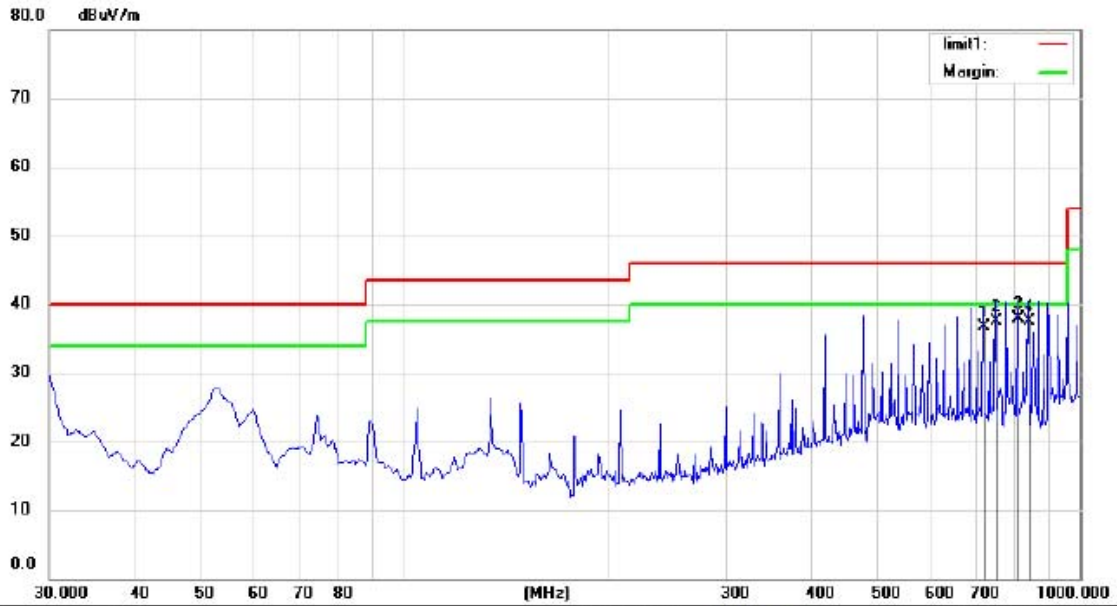
Page: 1

Dongguan EMTEK Co., Ltd.
 No. 281, Guantai Road, Nancheng District, Dongguan, Guangdong 523077 P.R. China
 www.emtek.com.cn Tel:+86-769-2280 7078 Fax:+86-769-2280 7078



Radiated Emission Measurement

File :DF07105-13-XXX Data :#19 Date: 2010/06/22 Time: 19:28:35



Site Chamber #1 Polarization: **Vertical** Temperature: 26
 Limit: (RE)FCC PART 15 class B 3m Power: AC 120V/60Hz Humidity: 55 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode:Memory Playing
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		720.6400	40.95	-4.24	36.71	46.00	-9.29	QP			
2		750.7100	40.97	-3.50	37.47	46.00	-8.53	QP			
3	*	810.8500	41.05	-3.24	37.81	46.00	-8.19	QP			
4		840.9200	40.45	-2.90	37.55	46.00	-8.45	QP			

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

Operator: Alice

File :DF07105-13-XXX>Data :#19

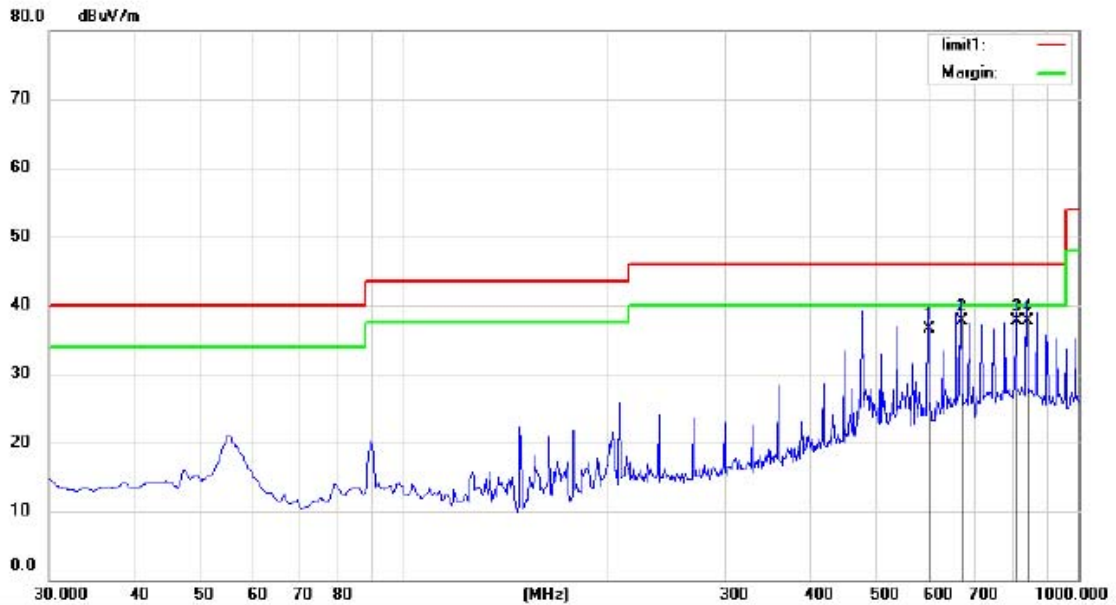
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Radiated Emission Measurement

File :DF07105-13-XXX Data :#21 Date: 2010/06/22 Time: 19:36:19



Site Chamber #1 Polarization: **Horizontal** Temperature: 26
 Limit: (RE)FCC PART 15 class B 3m Power: AC 120V/60Hz Humidity: 55 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode:SD Card Playing
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		600.3600	41.91	-5.39	36.52	46.00	-9.48	QP		
2		672.1400	42.57	-4.87	37.70	46.00	-8.30	QP		
3		810.8500	40.98	-3.24	37.74	46.00	-8.26	QP		
4	*	840.9200	40.69	-2.90	37.79	46.00	-8.21	QP		

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

Operator: Alice

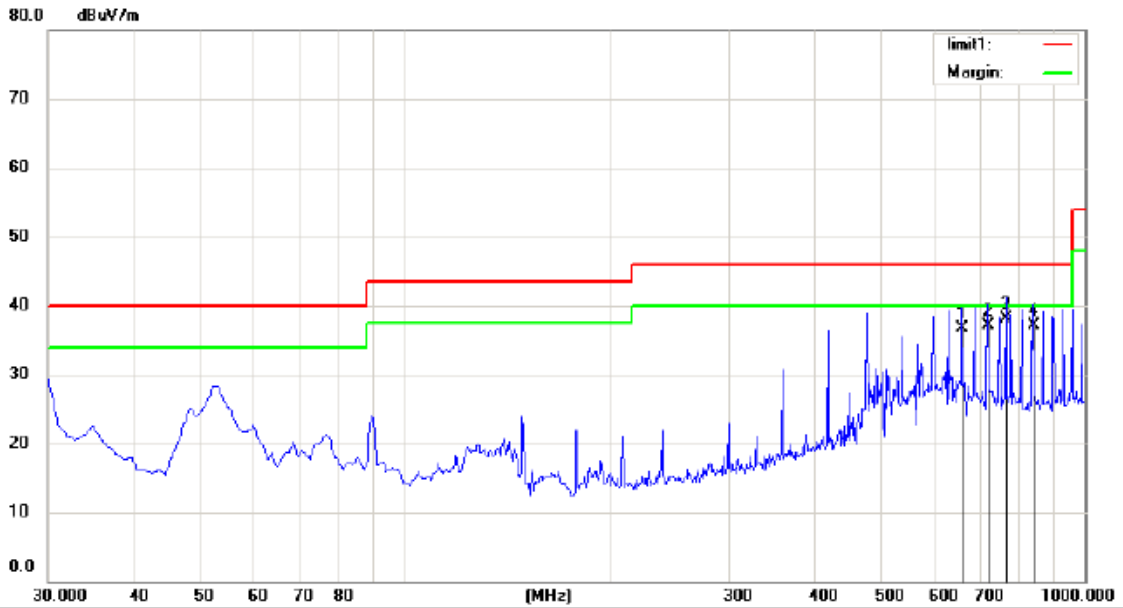
File :DF07105-13-XXX\Data :#21

Page: 1



Radiated Emission Measurement

File :DF07105-13-XXX Data :#22 Date: 2010/06/22 Time: 19:37:50



Site Chamber #1 Polarization: **Vertical** Temperature: 26
 Limit: (RE)FCC PART 15 class B 3m Power: AC 120V/60Hz Humidity: 55 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: SD Card 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	Detector	Comment
1		660.5000	41.79	-5.01	36.78	46.00	-9.22			QP	
2		720.6400	41.31	-4.24	37.07	46.00	-8.93			QP	
3	*	768.1700	41.47	-3.46	38.01	46.00	-7.99			QP	
4		840.9200	40.07	-2.90	37.17	46.00	-8.83			QP	

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

Operator: Alice

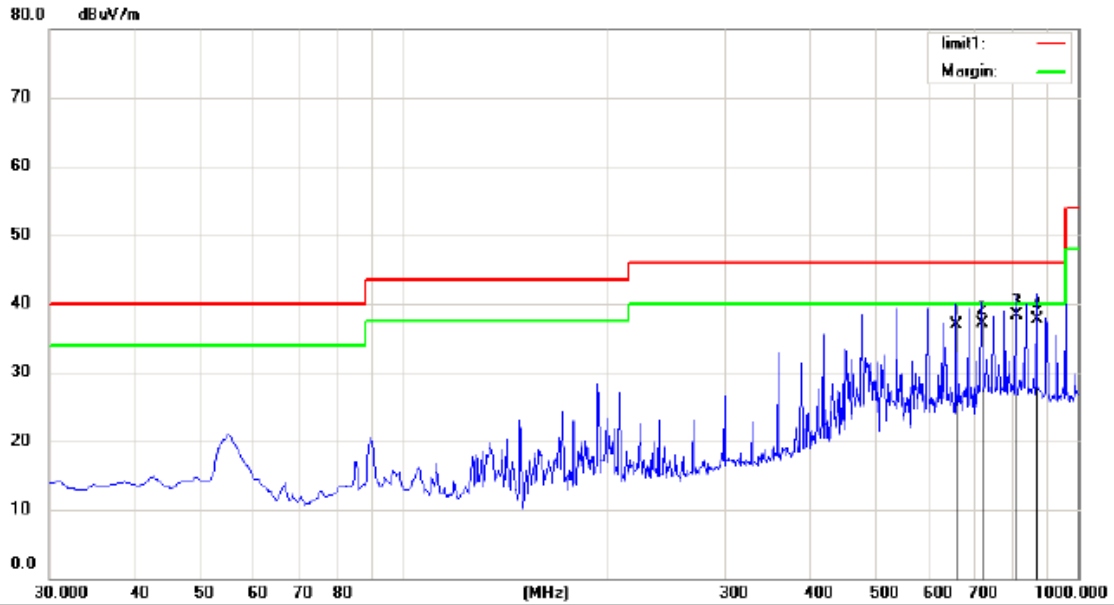
File :DF07105-13-XXX\Data :#22

Page: 1



Radiated Emission Measurement

File: DF07105-13-XXX Data: #24 Date: 2010/06/22 Time: 19:42:39



Site: Chamber #1 Polarization: **Horizontal** Temperature: 26
 Limit: (RE)FCC PART 15 class B 3m Power: AC 120V/60Hz Humidity: 55 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: USB Playing
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		660.5000	42.00	-5.01	36.99	46.00	-9.01	QP		
2		720.6400	41.38	-4.24	37.14	46.00	-8.86	QP		
3	*	810.8500	41.54	-3.24	38.30	46.00	-7.70	QP		
4		870.0200	40.00	-2.38	37.62	46.00	-8.38	QP		

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

Operator: Alice

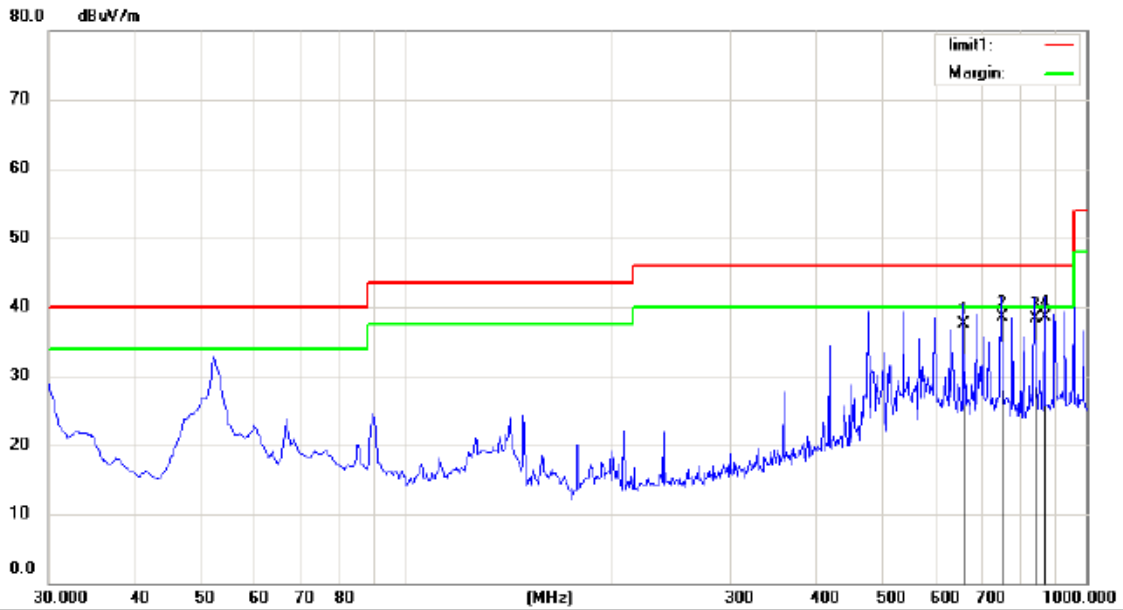
File: DF07105-13-XXX\Data: #24

Page: 1



Radiated Emission Measurement

File :DF07105-13-XXX Data :#23 Date: 2010/06/22 Time: 19:40:52



Site Chamber #1 Polarization: **Vertical** Temperature: 26
 Limit: (RE)FCC PART 15 class B 3m Power: AC 120V/60Hz Humidity: 55 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: USB Playing
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		660.5000	42.59	-5.01	37.58	46.00	-8.42	QP		
2		750.7100	42.00	-3.50	38.50	46.00	-7.50	QP		
3		840.9200	41.19	-2.90	38.29	46.00	-7.71	QP		
4	*	870.0200	40.89	-2.38	38.51	46.00	-7.49	QP		

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

Operator: Alice

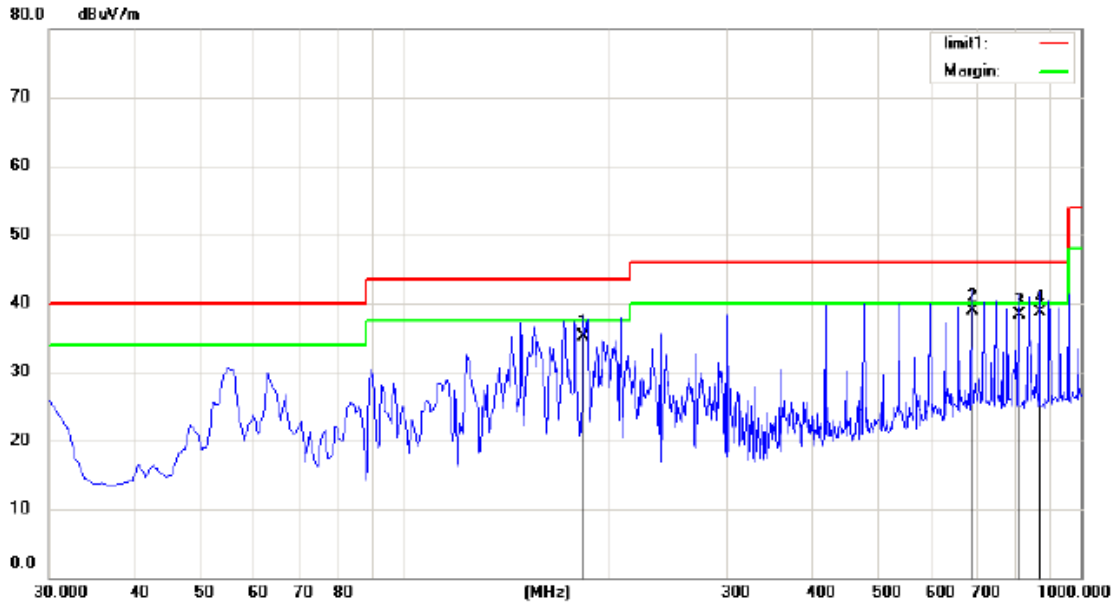
File :DF07105-13-XXX\Data :#23

Page: 1



Radiated Emission Measurement

File: DF07105-13-XXX Data: #31 Date: 2010/06/22 Time: 20:55:09



Site: Chamber #1 Polarization: **Horizontal** Temperature: 26
 Limit: (RE)FCC PART 15 class B 3m Power: AC 120V/60Hz Humidity: 55 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: Connect to PC
 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	Detector	Comment
1		184.2300	51.64	-16.49	35.15	43.50	-8.35			QP	
2	*	690.5700	43.67	-4.76	38.91	46.00	-7.09			QP	
3		810.8500	41.54	-3.24	38.30	46.00	-7.70			QP	
4		870.0200	41.12	-2.38	38.74	46.00	-7.26			QP	

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

Operator: Alice

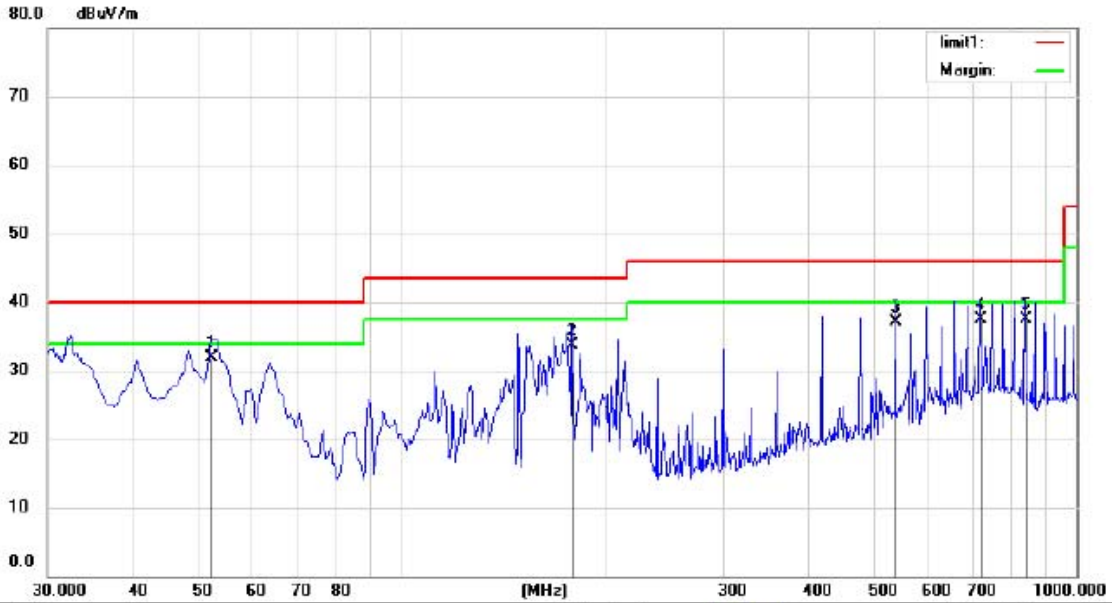
File: DF07105-13-XXX\Data: #31

Page: 1



Radiated Emission Measurement

File :DF07105-13-XXX Data :#32 Date: 2010/06/22 Time: 20:59:32



Site Chamber #1 Polarization: **Vertical** Temperature: 26
 Limit: (RE)FCC PART 15 class B 3m Power: AC 120V/60Hz Humidity: 55 %
 EUT: 7DW Digital Photo Frame
 M/N: DF07105-13-XXX
 Mode: Connect to PC
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	52.3100	48.32	-16.50	31.82	40.00	-8.18	QP		
2		179.3800	50.96	-17.24	33.72	43.50	-9.78	QP		
3		540.2200	43.85	-6.84	37.01	46.00	-8.99	QP		
4		720.6400	41.84	-4.24	37.60	46.00	-8.40	QP		
5		840.9200	40.42	-2.90	37.52	46.00	-8.48	QP		

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

Operator: Alice

File :DF07105-13-XXX>Data :#32

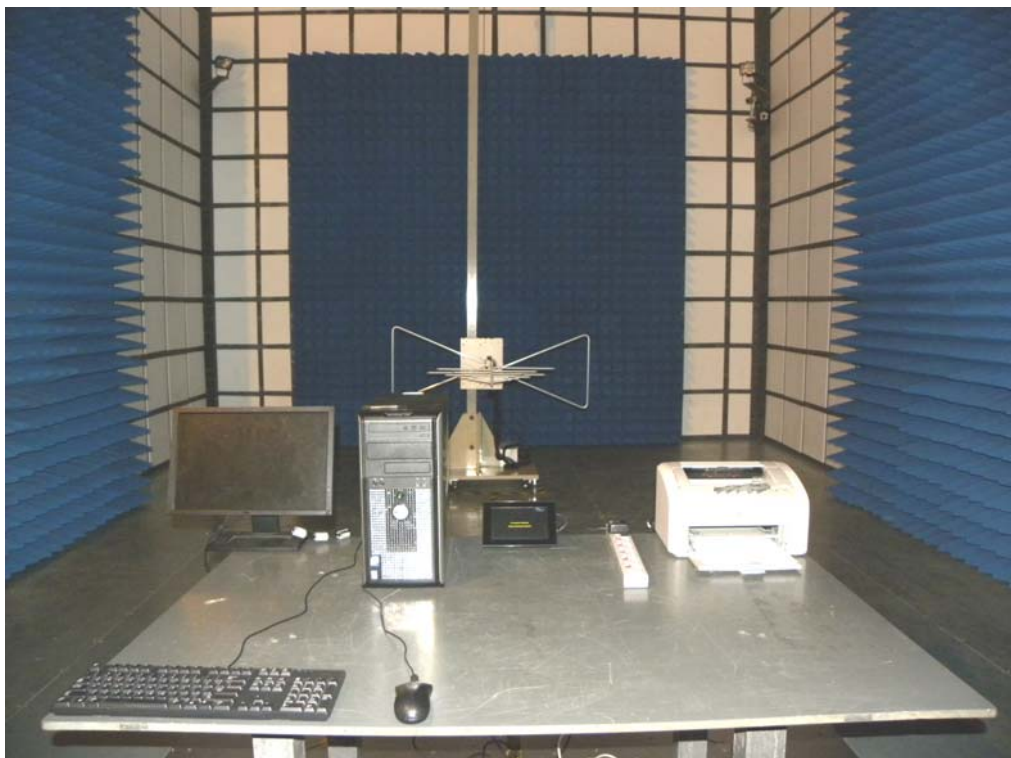
Page: 1

4. PHOTOGRAPHS

4.1 Photo of Power Line Conducted Emission Measurement



4.2 Photo of Radiated Emission Measurement



4.3 Photos of EUT

General Appearance of EUT



General Appearance of EUT



General Appearance of EUT



General Appearance of EUT



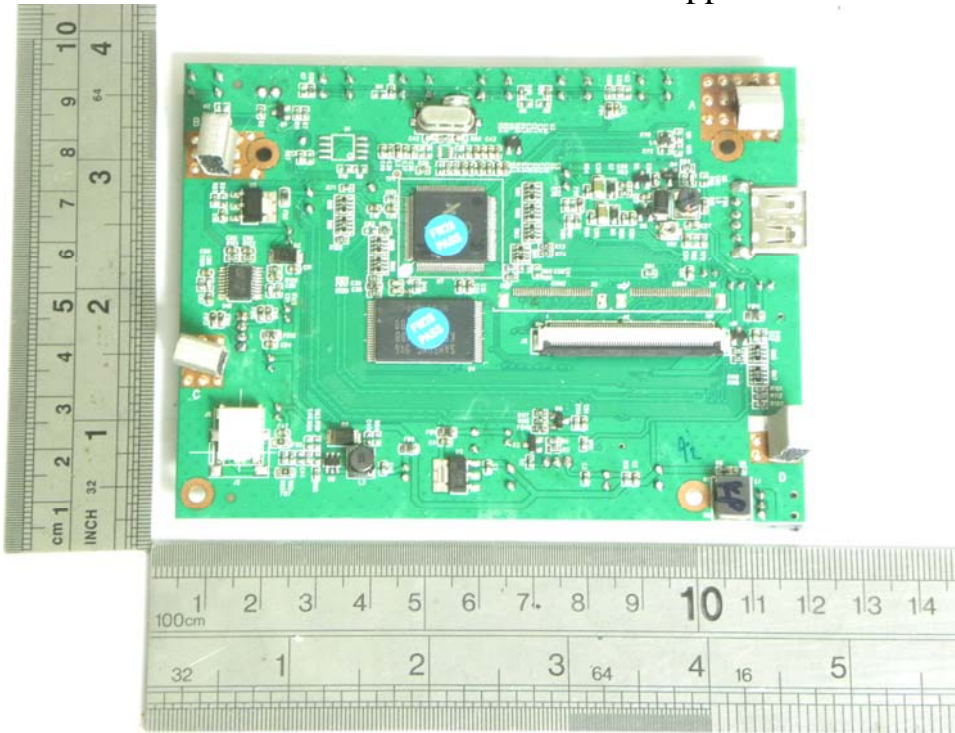
General Appearance of Adapter



General Internal of EUT



General Appearance of PCB



General Appearance of PCB

