







ISO/IEC17025 Accredited Lab.

Report No: FCC 0904049 File reference No: 2009-04-11

Applicant: WIN ACCORD LTD.

Product: Digital Photo Frame

Brand Name: N/A

Model No: DF08405-13-XXX (X=A-Z, 0-9, a-z)

Test Standards: FCC Part 15 Subpart B: 2008

Test result:

It is herewith confirmed and found to comply with the requirements

set up by ANSI C63.4&FCC Part 15 regulations for the evaluation of

electromagnetic compatibility

Approved By

Jack Chung

Jack Chung

Manager

Dated: April 11, 2009

Results appearing herein relate only to the sample tested

The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

East 5/Block 4, Anhua Industrial Zone, No.8, Tairan Rd. Chegongmiao, FuTian District, Shenzhen, CHINA.

Tel (755) 83448688 Fax (755) 83442996

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Date: 2009-04-11



# **Special Statement:**

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

### **CNAS-LAB Code: L2292**

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of testing Laboratories.

# FCC-Registration No.: 899988

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 899988.

# IC- Registration No.: IC5205A-01

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration IC No.: 5205A-01.

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### 1.0 General Details

#### 1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

Address: East 5/Block 4, Anhua Industrial Zone, No.8, Tairan Rd. CheGongMiao, FuTian District,

Shenzhen, CHINA.

Telephone: (755) 83448688 Fax: (755) 83442996

### 1.2 Applicant Details

Applicant: WIN ACCORD LTD.

Address: 12F, NO. 225, SEC 5, 105 SONG SHAN DIST., NAN JING EAST ROAD, TAIPEI,

**TAIWAN** 

Telephone: 02-2749 3837 Fax: 02-2749-3918

### 1.3 Description of EUT

Product: Digital Photo Frame
Manufacturer: WIN ACCORD LTD.

Address: 12F, NO. 225, SEC 5, 105 SONG SHAN DIST., NAN JING EAST ROAD,

AIPEI, TAIWAN

Brand Name: N/A

Model Number: DF08405-13-XXX (X=A-Z, 0-9, a-z)
Additional Model Number: DPF9321, DPF9331, DP084D

The adapter Model No.: XKD-C2000IC5.0-12W (Made by MOSO)

Rating: Input: 100-240V, 0.5A Max, 50/60Hz Output: 5V, 2A The adapter Model No.: ADS-12G-06 05010GPCU (Made by HONOR)
Rating: Input: 100-240V, 0.3A Max, 50/60Hz Output: 5V, 2A

Remark: Just model names and appearance color are different.

Rating: Input: DC 5V, Current 2A

## 1.4 Submitted Sample(s): 1 Sample

1.5 Test Duration: 2009-04-08 to 2009-04-11

# 1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB Radiated Emissions Uncertainty =4.7dB

The report refers only to the sample tested and does not apply to the bulk.

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## 1.7 Test Engineer

The sample tested by

Print Name: Terry Tang

### 2.0 List of Measurement Equipment

### 2.1 Conducted Emission Test

				Calibration	Calibration
Name	Model No.	Serial No.	Manufacturer	Date	Cycle
EMI Test Receiver	ESCS30	830245/009	RS	2009.2.23	1Year
Coaxial Switch	MP59B	M70585	ANRITSU	N/A	N/A
LISN	NTFM8132	8132137	SCHWARZBECK	2009.2.24	1Year
LISN	NTFM8134	8134109	SCHWARZBECK	2009.2.24	1Year
LISN	NTFM8136	8136102	SCHWARZBECK	2009.2.24	1Year

## 2.2 Radiated electromagnetic disturbance test

				Calibration	Calibration
Name	Model No.	Serial No.	Manufacturer	Date	Cycle
EMI Test Receiver	ESCS30	830245/009	RS	2009.2.23	1Year
Coaxial Switch	MP59B	M70585	ANRITSU	N/A	N/A
Spectrum Analyzer(with					
Tracking Generator)	MS2661C	MT72089	ANRITSU	2009.2.23	1Year
Amplifier	MH648A	M20494	ANRITSU	2009.2.24	1Year
Bilog Antenna	CBL6101C	2576	CHASE	2009.2.23	1Year

### 2.3 Auxiliary Equipment

	<del></del>		1		1
Name	Model No.	Serial No.	Manufacturer	Cable	FCC ID/DOC
				Data cable of	
				2m length	
Keyboard	KB-0225	1211815	IBM	unshielded	FCC DOC
				Data cable of	
				1.5m length	
				unshielded and	
				1.8m length AC	
Printer	LaserJet 1015	CNFG029476	HP	Mains cable	DOC

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				Data cable of	
				1.5m length	
				unshielded and	
				1.8m length AC	
Printer	LaserJet 1022	CNBG591GM7	HP	Mains cable	DOC
				Data cable of	
				1.5m length	
				unshielded and	
				1.8m length AC	
Monitor	6331-4CN	23-DNWX3	IBM	Mains cable	FCC ID

				1.8m length	
PC	8434		IBM	AC Mains cable	FCC DOC
				Data cable of	
Mouse	OM860XC	HM0509	BIGCOW	1.5m length	FCC DOC

### 3.0 Technical Details

3.1 Investigations Requested
Perform Electromagnetic Interference [EMI] tests for FCC Requirement.

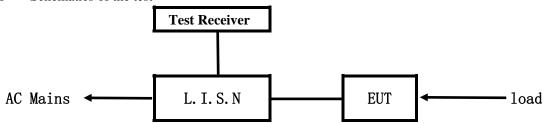
## 3.2 Test Standards

FCC Part 15 Subpart B: 2008



### 4.0 Conducted Power line Test

#### 4.1 Schematics of the test

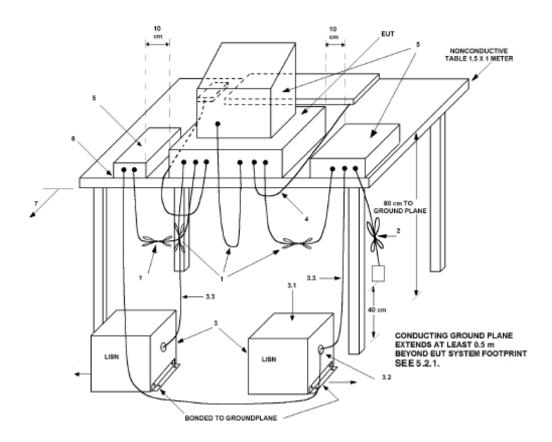


**EUT: Equipment Under Test** 

## 4.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2003. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.4 –2003. Cables and peripherals were moved to find the maximum emission levels for each frequency.

## Block diagram of Test setup



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### 4.3 Power line conducted Emission Limit

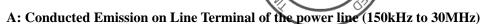
E(MII-)	Class A Li	mits dB(μV)	Class B Limits dB(µV)		
Frequency(MHz)	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level	
0.15 ~ 0.50	79.00	66.00	66.00~56.00*	56.00~46.00*	
$0.50 \sim 5.00$	73.00	60.00	56.00	46.00	
5.00 ~ 30.00	73.00	60.00	60.00	50.00	

Notes:

- 1. \*decreasing linearly with logarithm of frequency.
- 2. The tighter limit shall apply at the transition frequencies

### 4.4 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.



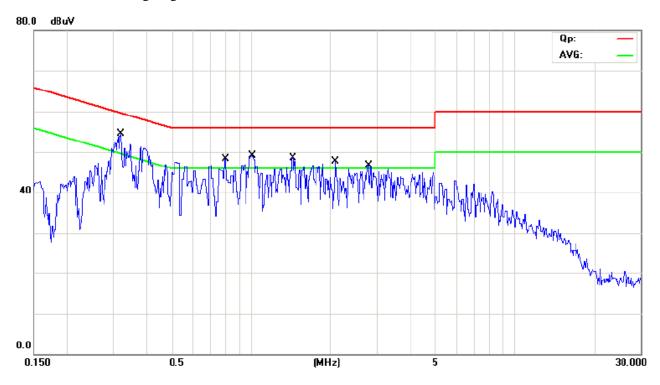
EUT set Condition: Memory

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass

Please refer to following diagram for individual



Ema ayyan ayy		Reading	Limit			
Frequency (MHz)	Live	<b>;</b>	Neutral		(dB µ V)	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.317	48.88	23.08			59.76	49.76
0.789	4.08	21.48			56.00	46.00
1.006	41.90	18.60			56.00	46.00
1.427	42.37	20.47			56.00	46.00
2.073	38.73	20.33			56.00	46.00
2.790	38.62	19.02			56.00	46.00

The report refers only to the sample tested and does not apply to the bulk.



# B: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Memory

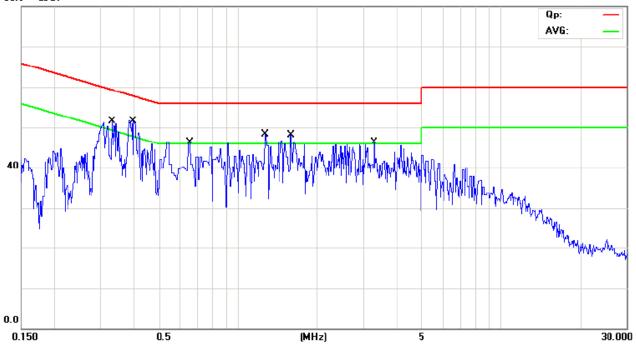
Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass

Please refer to following diagram for individual

80.0 dBuV



Г		Reading	Limit			
Frequency (MHz)	Live	<b>;</b>	Neutral		$(dB \mu V)$	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.332			42.69	25.49	59.40	49.40
0.398			42.56	21.46	57.88	47.88
0.658			39.64	23.74	56.00	46.00
1.265			39.61	24.11	56.00	46.00
1.587			39.93	22.63	56.00	46.00
3.281			38.41	15.01	56.00	46.00



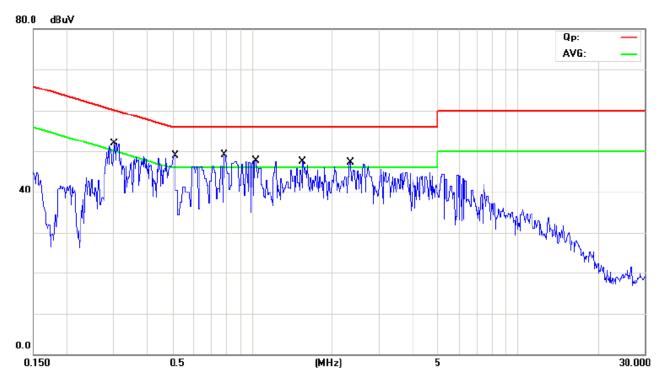
# C: Conducted Emission on Line Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Play SD

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass



F		Reading	Limit			
Frequency (MHz)	Live	}	Neutral		$(dB \mu V)$	
(MHZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.304	48.56	25.76			60.12	50.12
0.511	43.18	19.28			56.00	46.00
0.786	40.57	18.97			56.00	46.00
1.029	40.61	17.01			56.00	46.00
1.566	40.73	21.23			56.00	46.00
2.338	39.74	20.04			56.00	46.00



# D: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

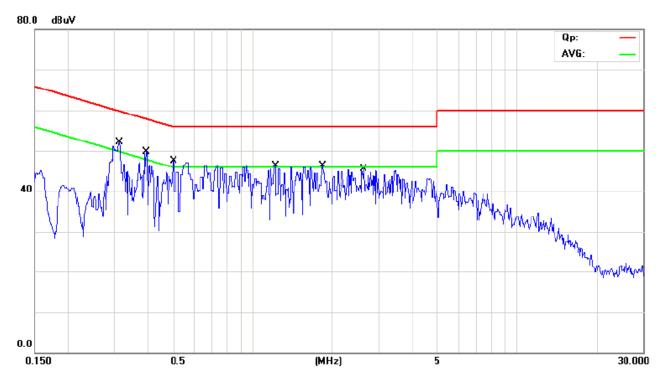
EUT set Condition: Play SD

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Working Voltage: 120V~ 60Hz

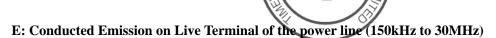
Results: Pass

Please refer to following diagram for individual



Engguenav		Reading	Limit			
Frequency (MHz)	Live		Neutral		$(dB \mu V)$	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.314			44.47	10.27	59.85	49.85
0.393			40.46	21.66	57.98	47.98
0.505			41.08	23.58	56.00	46.00
1.217			38.89	24.89	56.00	46.00
1.845			39.04	23.74	56.00	46.00
2.613			38.75	24.05	56.00	46.00

The report refers only to the sample tested and does not apply to the bulk.

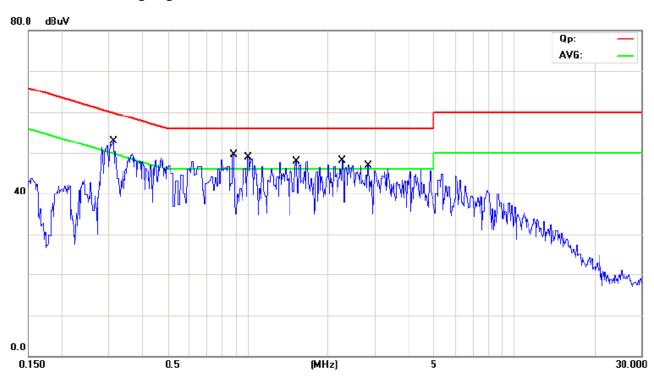


EUT set Condition: Play USB (Adapter made by HONOR)
Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass

Please refer to following diagram for individual



F		Reading	Limit			
Frequency (MHz)	Live	<b>;</b>	Neutral		$(dB \mu V)$	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.311	29.07	25.37			59.94	49.94
0.875	43.27	21.57			56.00	46.00
1.012	41.60	17.60			56.00	46.00
1.525	41.61	22.11			56.00	46.00
2.245	40.70	20.90			56.00	46.00
2.819	40.23	20.53			56.00	46.00

The report refers only to the sample tested and does not apply to the bulk.



# F: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

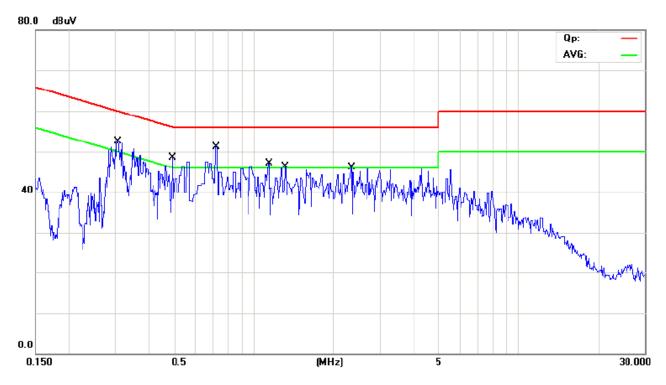
EUT set Condition: Play USB

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Working Voltage: 120V~ 60Hz

Results: Pass

Please refer to following diagram for individual



Eroguanav		Reading	Limit			
Frequency (MHz)	Live	<b>;</b>	Neutr	al	(dB µ	V)
(MHZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.306			46.47	21.67	60.06	50.06
0.493			40.06	22.56	56.12	46.12
0.731			41.92	22.42	56.00	46.00
1.142			40.26	22.96	56.00	46.00
1.324			39.93	23.73	56.00	46.00
2.330			39.93	12.93	56.00	46.00

The report refers only to the sample tested and does not apply to the bulk.

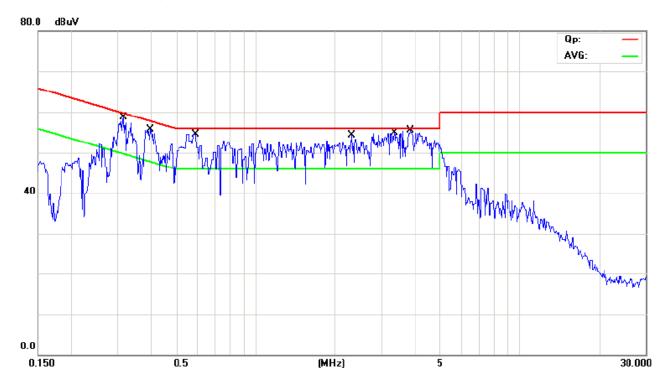
## G: Conducted Emission on Live Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Connected to PC

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass



Emagnaman		Reading	(dB µ V)		Limit	
Frequency (MHz)	Live	<b>;</b>	Neutr	al	(dB μ	V)
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.317	54.68	24.78			59.76	49.76
0.397	52.76	23.76			57.90	47.90
0.587	51.46	23.46			56.00	46.00
2.315	49.63	23.43			56.00	46.00
3.354	51.64	26.34			56.00	46.00
3.857	51.04	25.44			56.00	46.00



# H: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

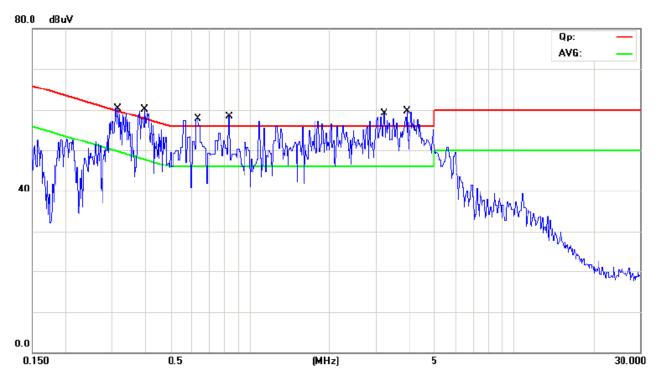
EUT set Condition: Connected to PC

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Working Voltage: 120V~ 60Hz

Results: Pass

Please refer to following diagram for individual



Engguenav		Reading	Limit			
Frequency (MHz)	Live	;	Neutr	al	(dB µ	V)
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.317			55.18	17.78	59.77	49.77
0.395			53.46	18.76	57.95	47.95
0.637			50.92	18.82	56.00	46.00
0.831			51.62	22.42	56.00	46.00
3.185			51.77	22.27	56.00	46.00
3.935			51.47	22.17	56.00	46.00

The report refers only to the sample tested and does not apply to the bulk.

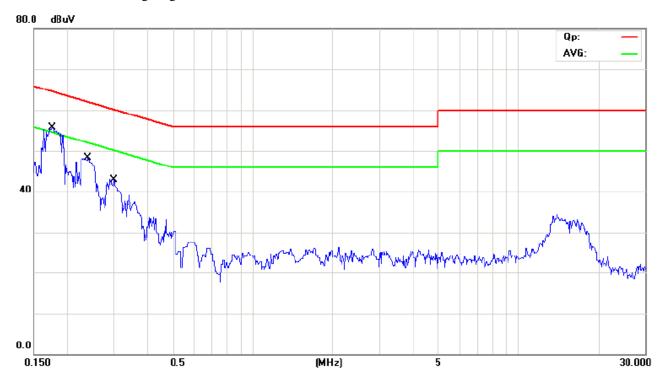


EUT set Condition: Memory

Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Working Voltage: 120V~ 60Hz

**Results:** Pass



Eraguanav		Reading	Limit			
Frequency (MHz)	Live		Neutral		(dB µ V)	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.174	55.83	15.83			64.77	54.77
0.237	47.89	16.99			62.20	52.20
0.298	3.56	14.26			60.30	50.30



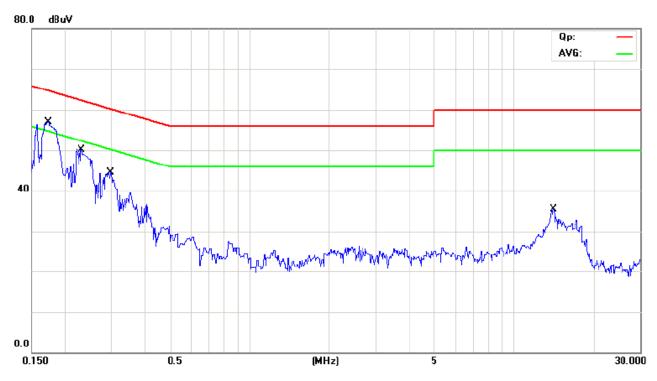
# J: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Memory

Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Working Voltage: 120V~ 60Hz

**Results:** Pass



Engguenav		Reading	Limit			
Frequency (MHz)	Live	;	Neutral		(dB µ V)	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.170			55.82	24.92	64.93	54.93
0.231			47.49	10.29	62.40	52.40
0.296			40.66	23.76	60.33	50.33
14.119			29.12	21.82	60.00	50.00

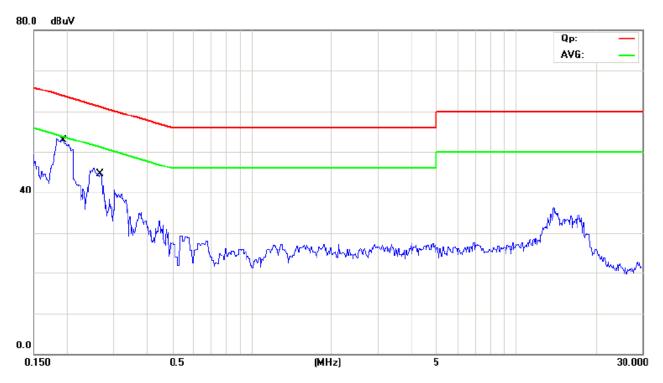


EUT set Condition: Play SD

Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Working Voltage: 120V~ 60Hz

Results: Pass



Eraguanav		Reading	Limit			
Frequency (MHz)	Live		Neutral		(dB µ V)	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.191	52.94	18.84			63.97	53.97
0.267	39.52	8.22			61.19	51.19



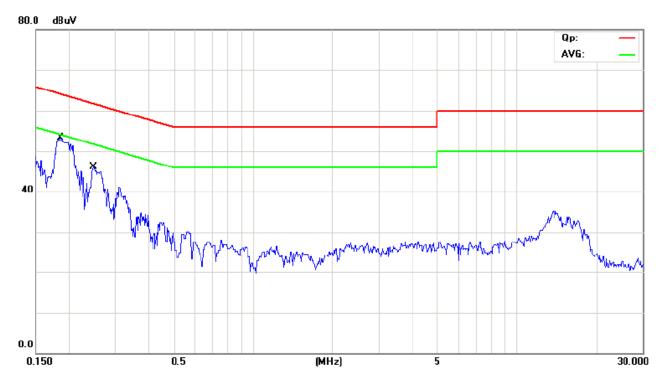
# L: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Play SD

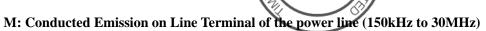
Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Working Voltage: 120V~ 60Hz

**Results:** Pass



Reading(dB \( \mu \)					Limit		
Frequency (MHz)	Live		Neutral		(dB µ V)		
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average	
0.187			52.94	20.04	64.16	54.16	
0.246			44.60	15.00	61.87	51.87	

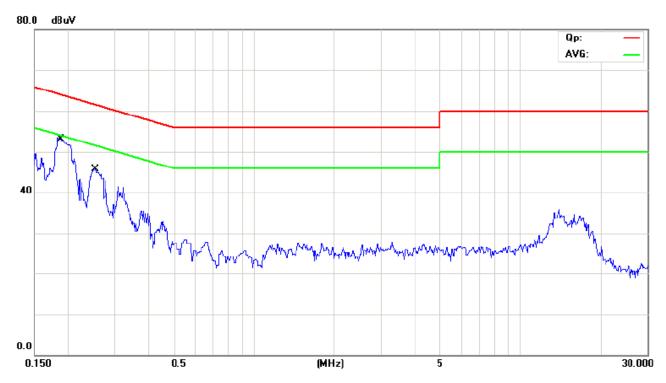


EUT set Condition: Play USB

Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Working Voltage: 120V~ 60Hz

Results: Pass



Eraguanav		Reading	Limit			
Frequency (MHz)	Live		Neutral		(dB µ V)	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.188	53.34	17.64			64.12	54.12
0.251	45.51	16.51			61.70	51.70



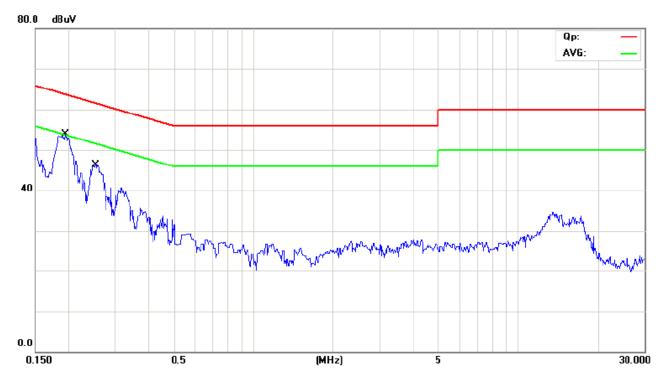
# N: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Play USB

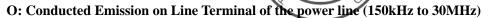
Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Working Voltage: 120V~ 60Hz

**Results:** Pass



Eraguanay		Reading	(dB μ V)	μV)		Limit	
Frequency (MHz)	Live		Neutral		(dB µ V)		
(IVITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average	
0.193			53.25	22.35	63.88	53.88	
0.252			45.41	16.31	61.69	51.69	

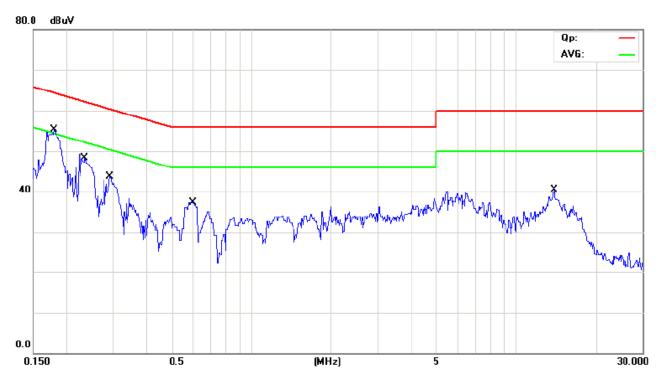


EUT set Condition: Connect to PC

Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Working Voltage: 120V~ 60Hz

**Results:** Pass



Emagayamay		Reading	Limit			
Frequency (MHz)	Live	<b>;</b>	Neutr	al	(dB µ	V)
(MHZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.177	54.83	31.63			64.60	54.60
0.234	46.79	22.09			62.31	52.31
0.291	40.05	14.65			60.48	50.48
0.600	36.98	25.88			56.00	46.00
13.828	35.72	28.62			60.00	50.00



# P: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Connect to PC (Adapter made by MOSO)

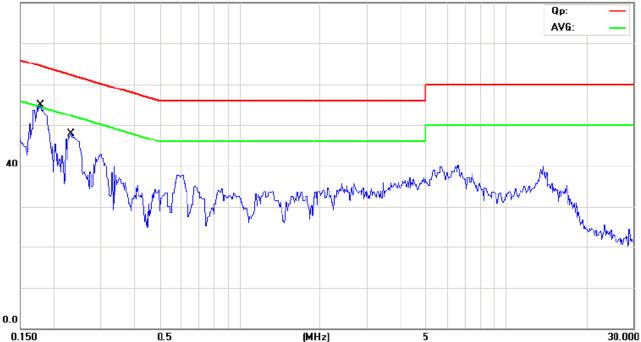
Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Working Voltage: 120V~ 60Hz

**Results:** Pass

Please refer to following diagram for individual

#### 80.0 dBuV



Reading(dB \( \mu \)					Limi	t
Frequency (MHz)	Live		Neutral		(dB µ V)	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.177			54.23	31.83	64.60	54.60
0.235			46.49	24.79	62.26	52.26

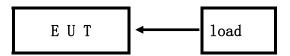
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Report No: 0904049 Date: 2009-04-11



### 5.0 Radiated Disturbance Test

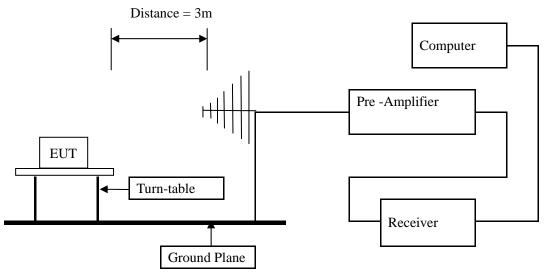
### 5.1 Schematics of the test



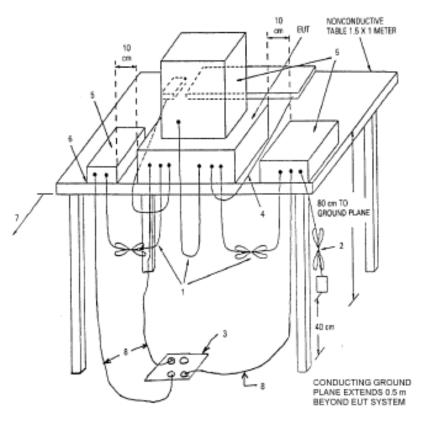
### 5.2 Test Method and test Procedure:

The EUT was tested according to ANSI C63.4 –2003, The frequency spectrum from 30MHz to 1GHz was investigated. All reading from 30MHz to 1GHz are quasi-peak 0values with a resolution bandwidth of 120KHz. All readings are above 1GHz, peak values with a resolution bandwidth of 1MHz. Measurements were made at 3 meters.

# **Block diagram of Test setup**







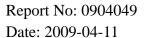
## 5.3 Radiated Emission Limit

Frequency Range (MHz)	Distance (m)	Field strength (dB µ V/m)
30-88	3	40.00
88-216	3	43.50
216-960	3	46.00
Above 960	3	54.00

Note: The lower limit shall apply at the transition frequencies

### 5.4 Test result

The frequency spectrum from 30MHz to 1GHz was investigated. All reading from 30MHz to 1GHz are quasi-peak values with a resolution bandwidth of 120KHz. All readings are above 1GHz, peak values with a resolution bandwidth of 1MHz. Measurements were made at 3 meters.





## A: Radiated Disturbance In Horizontal (30MHz----1000MHz)

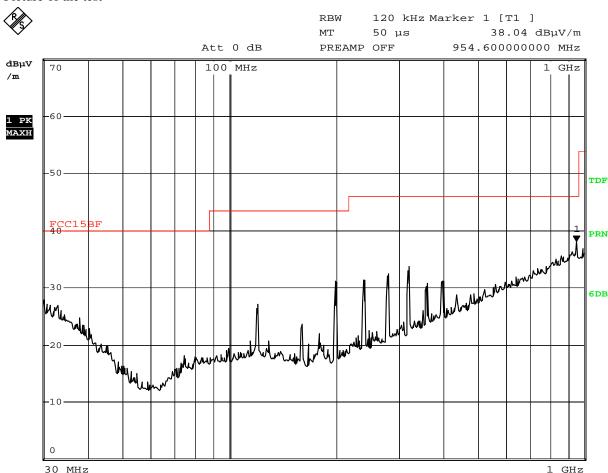
EUT set Condition: Memory

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Date: 9.APR.2009 00:00:46

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
199.760	31.14	Н	43.50
321.040	33.67	Н	46.00
954.600	38.04	Н	46.00

The report refers only to the sample tested and does not apply to the bulk.



## B: Radiated Disturbance In Vertical (30MHz --- 1000MHz)

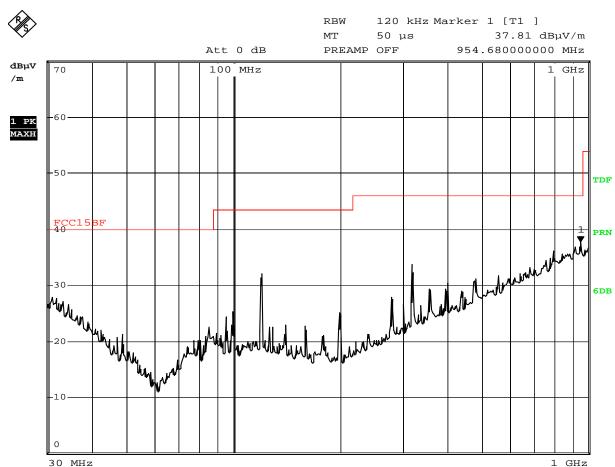
EUT set Condition: Memory

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Date: 8.APR.2009 23:59:01

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
120.520	32.08	V	43.50
318.040	33.73	V	46.00
954.680	37.81	V	46.00

The report refers only to the sample tested and does not apply to the bulk.



## Radiated Disturbance In Horizontal (30MHz----1000MHz)

**EUT set Condition:** Play SD

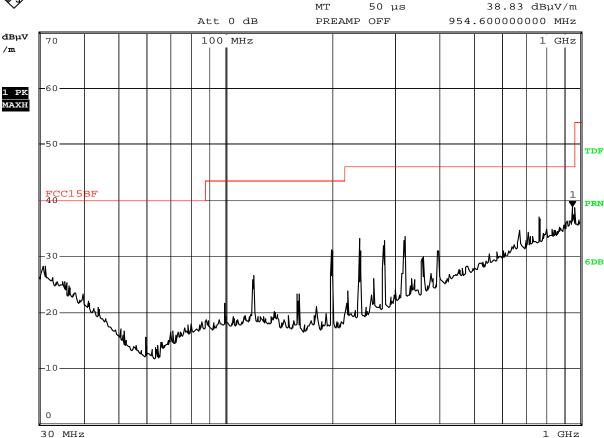
Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Level: Class B **Results: PASS** 

Please refer to following diagram for individual

Picture of the test





8.APR.2009 23:52:17 Date:

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
199.760	31.15	Н	43.50
239.800	33.11	Н	46.00
954.600	38.83	Н	46.00

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## D: Radiated Disturbance In Vertical (30MHz---1000MHz

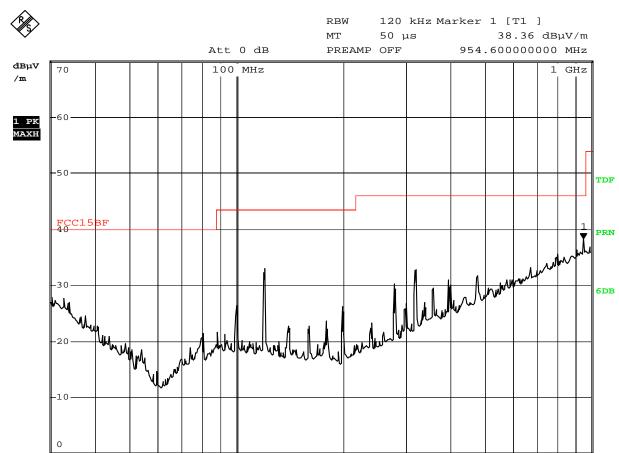
EUT set Condition: Play SD

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Date: 8.APR.2009 23:50:14

30 MHz

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
120.520	33.02	V	43.50
321.760	32.78	V	46.00
954.600	38.36	V	46.00

The report refers only to the sample tested and does not apply to the bulk.



## E: Radiated Disturbance In Horizontal (30MHz----1000MHz)

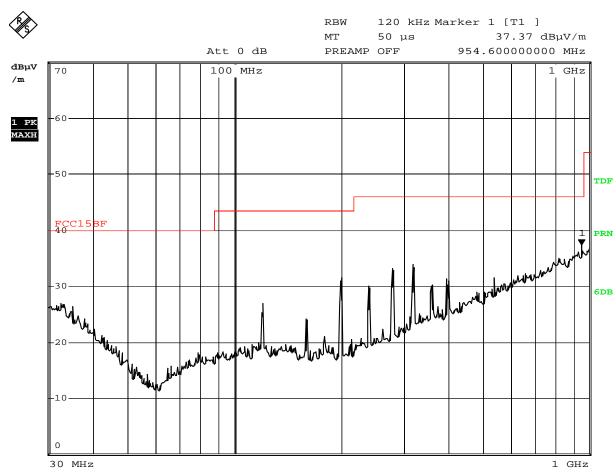
EUT set Condition: Play USB

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Date: 8.APR.2009 23:55:11

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
201.040	31.43	Н	43.50
318.280	33.94	Н	46.00
954.600	37.37	Н	46.00

The report refers only to the sample tested and does not apply to the bulk.



## F: Radiated Disturbance In Vertical (30MHz --- 1000MHz)

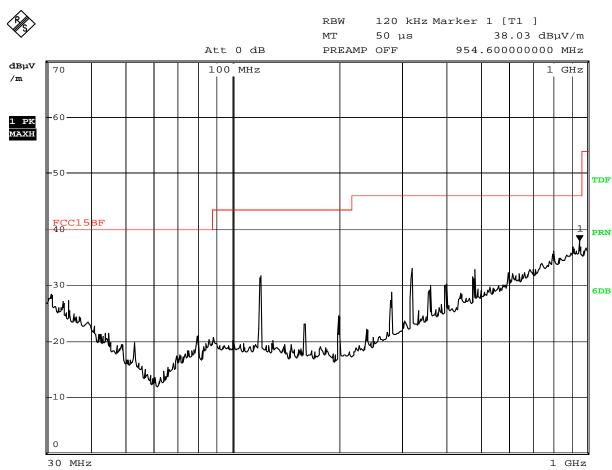
EUT set Condition: Play USB

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Date: 8.APR.2009 23:56:57

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
120.520	31.75	V	43.50
322.040	32.95	V	46.00
954.600	38.03	V	46.00

The report refers only to the sample tested and does not apply to the bulk.

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1 GHz

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## E: Radiated Disturbance In Horizontal (30MHz----1000MHz)

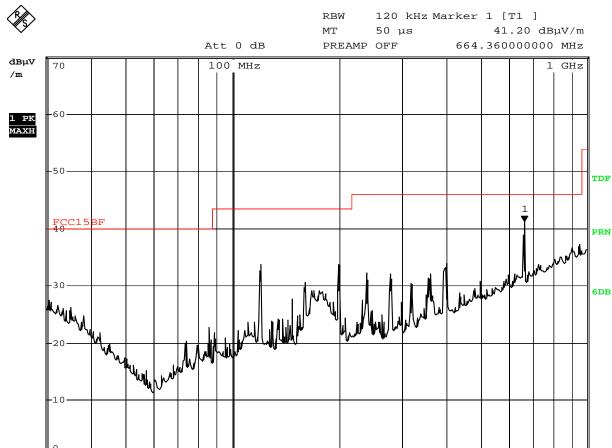
EUT set Condition: Connect to PC

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Date: 8.APR.2009 23:46:05

30 MHz

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
120.520	33.66	Н	43.50
644.360	41.20	Н	46.00

The report refers only to the sample tested and does not apply to the bulk.



## F: Radiated Disturbance In Vertical (30MHz --- 1000MHz)

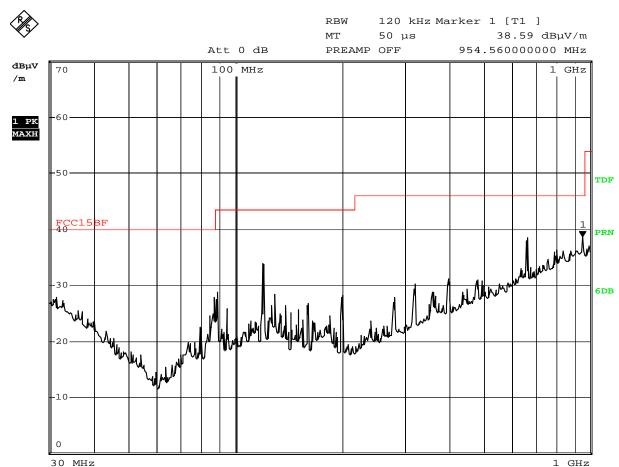
EUT set Condition: Connect to PC

Adaptor used for test Model No.: ADS-12G-06 05010GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Date: 8.APR.2009 23:48:00

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
119.520	33.88	V	43.50
664.960	38.49	V	43.50
954.560	38.59	V	46.00

The report refers only to the sample tested and does not apply to the bulk.

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## G: Radiated Disturbance In Horizontal (30MHz----1000MHz)

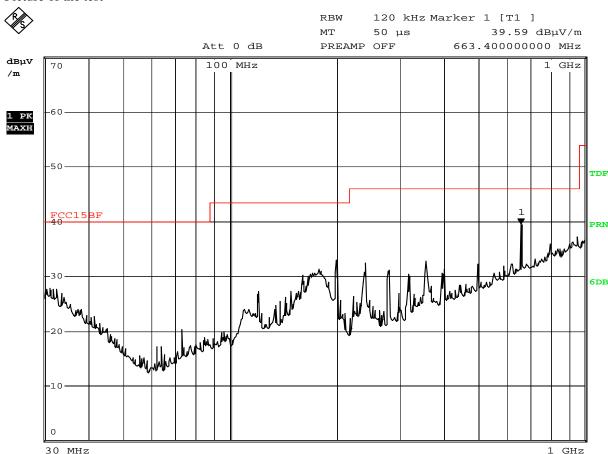
EUT set Condition: Connect to PC

Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Date: 8.APR.2009 23:43:27

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
199.040	32.98	Н	43.50
663.400	39.59	Н	46.00

The report refers only to the sample tested and does not apply to the bulk.

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## H: Radiated Disturbance In Vertical (30MHz---1000MHz)

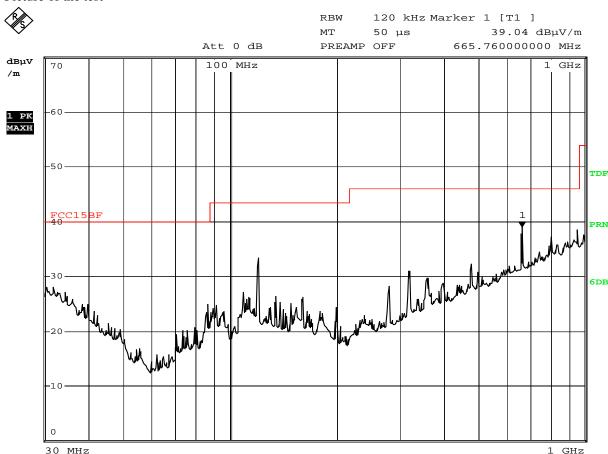
EUT set Condition: Connect to PC

Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Date: 8.APR.2009 23:41:13

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	$Limit@3m (dB\mu V/m)$
120.520	33.29	V	43.50
321.800	31.00	V	46.00
665.760	39.04	V	46.00

The report refers only to the sample tested and does not apply to the bulk.



# Radiated Disturbance In Horizontal (30MHz----1000MHz)

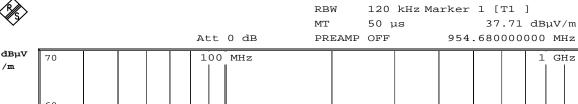
**EUT set Condition:** Memory

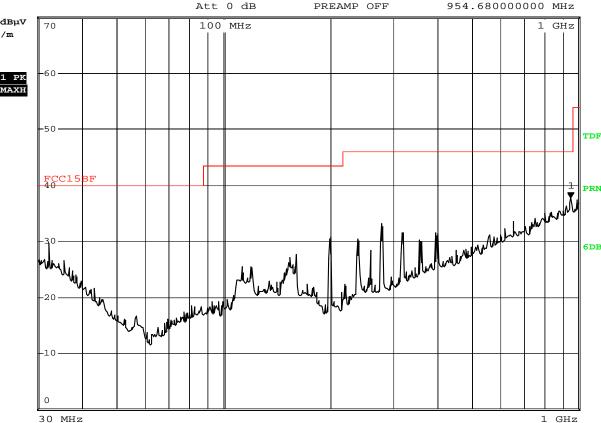
Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Level: Class B **Results: PASS** 

Please refer to following diagram for individual

Picture of the test





8.APR.2009 23:36:12 Date:

Į	Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
	201.040	30.79	Н	43.50
	279.280	33.21	Н	43.50
	954.680	37.71	Н	46.00

The report refers only to the sample tested and does not apply to the bulk.



## Radiated Disturbance In Vertical (30MHz---1000MHz

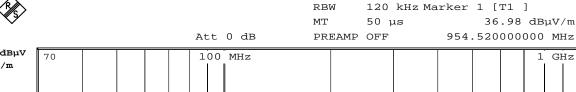
**EUT set Condition:** Memory

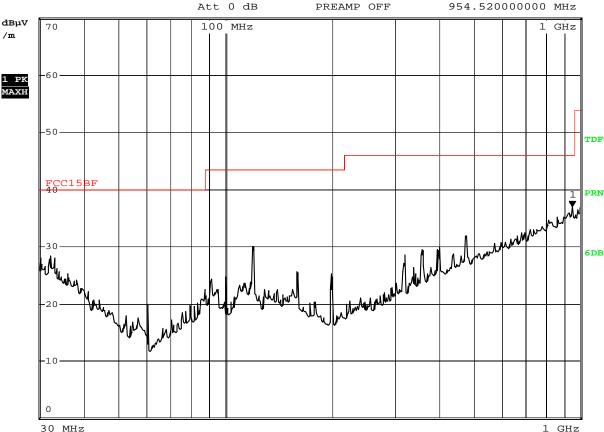
Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Level: Class B **Results: PASS** 

Please refer to following diagram for individual

Picture of the test





Date: 8.APR.2009 23:37:52

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
119.520	30.09	V	43.50
478.040	31.87	V	46.00
954.520	36.98	V	46.00

The report refers only to the sample tested and does not apply to the bulk.

1 GHz

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# Radiated Disturbance In Horizontal (30MHz----1000MHz)

EUT set Condition: Play SD

Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Level: Class B **Results: PASS** 

Please refer to following diagram for individual

Picture of the test

dΒμV

1 РК МАХН

/m

120 kHz Marker 1 [T1 ] RBW 39.95 dBµV/m 50 µs MТ

337.760000000 MHz PREAMP OFF

Att 0 dB 100 MHz FCC15BF PRN 6DB -10

Date: 8.APR.2009 23:33:40

30 MHz

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m (dBµV/m)
150.840	38.77	Н	43.50
337.760	27.68	Н	46.00

The report refers only to the sample tested and does not apply to the bulk.



# Radiated Disturbance In Vertical (30MHz --- 1000MHz)

**EUT set Condition:** Play SD

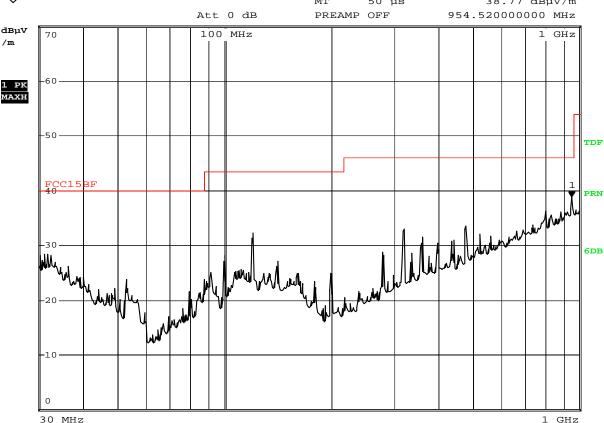
Adaptor used for test Model No.: XKD-C2000IC5.0-12W

Level: Class B **Results: PASS** 

Please refer to following diagram for individual

Picture of the test

RBW 120 kHz Marker 1 [T1 ] мт 38.77 dBuV/m 50 µs PREAMP OFF Att 0 dB 100 MHz



Date: 8.APR.2009 23:32:03

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
120.520	32.32	V	43.50
321.040	32.92	V	46.00
954.520	38.77	V	46.00

The report refers only to the sample tested and does not apply to the bulk.



## M: Radiated Disturbance In Horizontal (30MHz----1000MHz)

EUT set Condition: Play USB

Adaptor used for test Model No.: XKD-C2000IC5.0-12W

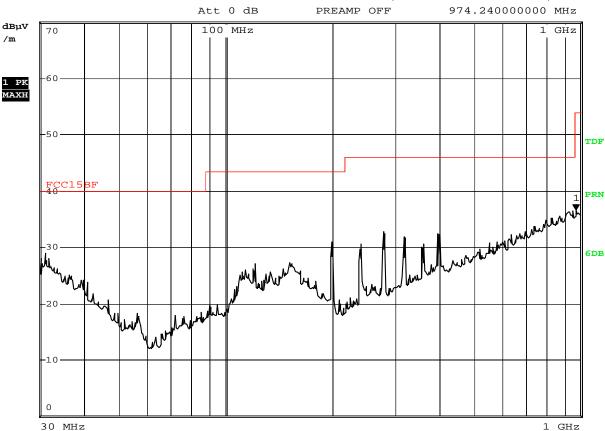
Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



RBW 120 kHz Marker 1 [T1 ] MT 50 μs 36.56 dBμV/m



Date: 8.APR.2009 23:26:39

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
120.760	27.08	Н	43.50
199.040	30.92	Н	43.50
278.520	32.81	Н	46.00

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## N: Radiated Disturbance In Vertical (30MHz----1000MHz)

EUT set Condition: Play USB

Adaptor used for test Model No.: XKD-C2000IC5.0-12W

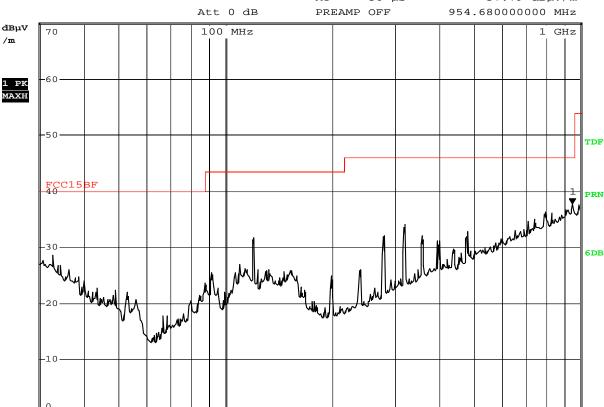
Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test

**%** 

RBW 120 kHz Marker 1 [T1 ] MT 50 μs 37.79 dBμV/m



Date: 8.APR.2009 23:29:39

30 MHz

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
120.520	31.71	V	43.50
322.040	34.00	V	46.00

The report refers only to the sample tested and does not apply to the bulk.

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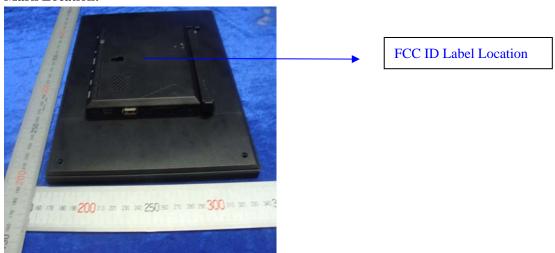
#### 6.0 FCC ID Label

## FCC ID: V37-84AML7213D

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

### **Mark Location:**





## Photo of testing

#### 7.1 Conducted test View—

## Connect to PC



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#### 7.2 Radiated emission test view--

### Connect to PC



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#### Photo for the EUT





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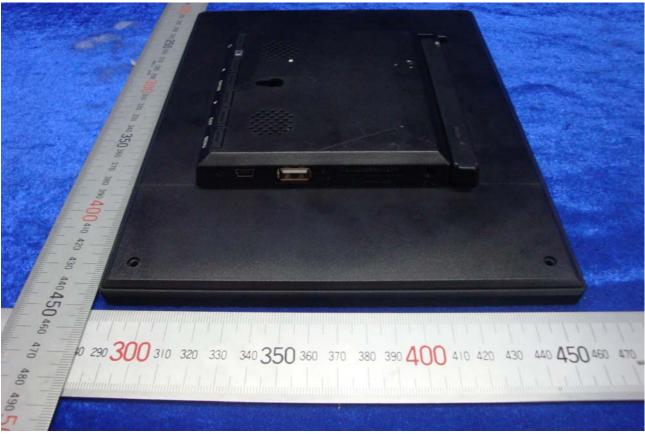
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## -End of the report-