







ISO/IEC17025 Accredited Lab.

Report No: FCC 0904187 File reference No: 2009-04-29

Applicant: WIN ACCORD LTD.

Product: Digital Photo Frame

Brand Name: N/A

Model No: DF13301-05-XXX

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 29, 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: 2009-04-29



# **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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Date: 2009-04-29



#### 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, TAIPEI,

**TAIWAN** 

Brand Name: N/A

Model Number: DF13301-05-XXX (X=A-Z, 0-9, a-z)

Additional Model Number: DW133xxx

The adapter Model No.: XKD-C1500IC12.0-18C-US (Made by MOSO)
Rating: Input: 100-240V, 0.7A Max, 50/60Hz Output: 12V, 1.5A
The adapter Model No.: ADS-18C-12N 12018GPCU (Made by HONOR)
Rating: Input: 100-240V, 0.6A Max, 50/60Hz Output: 12V, 1.5A

Remark: Just model names and appearance color are different.

Rating: Input: DC 12V, Current 1.5A

#### 1.4 Submitted Sample(s): 1 Sample

1.5 Test Duration: 2009-04-23 to 2009-04-29

#### 1.6 Test Uncertainty

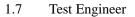
Conducted Emissions Uncertainty =3.6dB Radiated Emissions Uncertainty =4.7dB

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

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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

	J Equipment				
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	
				2m length	
				unshielded	
				and 1.8m length	
Printer	LaserJet 1015	CNFG029476	HP	AC Mains cable	DOC

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1	l i			1 1	
				Data cable of	
				2m length	
				unshielded	
				and 1.8m length	
Printer	LaserJet 1022	CNBG591GM7	HP	AC Mains cable	DOC
				Data cable of	
				1.5m length	
				unshielded and	
				1.8m length AC	
Monitor	FP51G	ET47604175CLO	BENQ	Mains cable	FCC DOC
				Data cable of	
				1.5m length	
				unshielded and	
				1.8m length AC	
Monitor	6331-4CN	23-DNWX3	IBM	Mains cable	FCC DOC

			1.8m length	
PC	8434	 IBM	AC Mains cable	FCC DOC
			Data cable of	
Mouse	M-F105	 S.SElectron	1.5m length	FCC DOC

#### 3.0 Technical Details

### 3.1 Investigations Requested

Perform Electromagnetic Interference [EMI] tests for FCC Requirement.

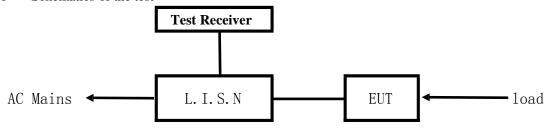
#### 3.2 Test Standards

FCC Part 15 Subpart B: 2008



#### 4.0 Conducted Power line Test

#### 4.1 Schematics of the test

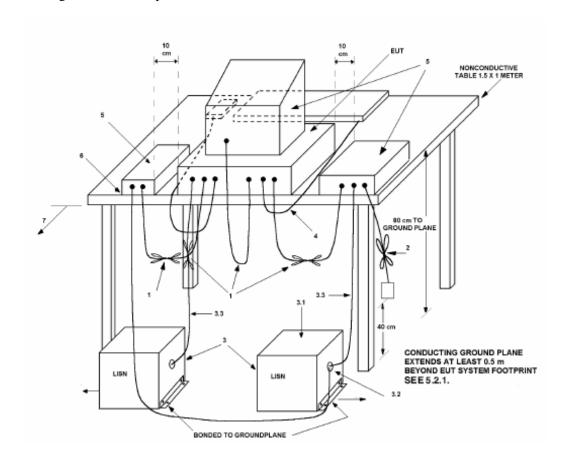


**EUT: Equipment Under Test** 

#### 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

Eraguanay(MUz)	Class A Li	mits dB(μV)	Class B Limits dB(μV)		
Frequency(MHz)	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level	
$0.15 \sim 0.50$	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.

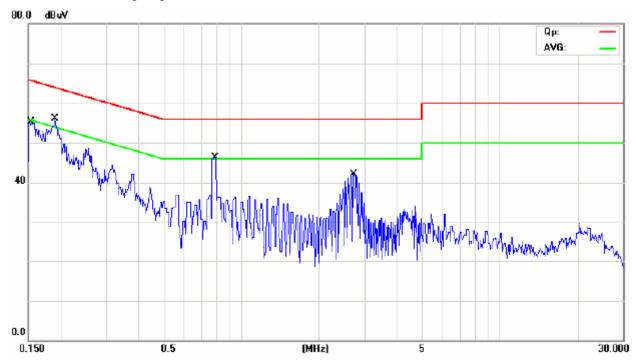
### A: Conducted Emission on Line Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Memory

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass



Emaguanay		Reading	Limit			
Frequency (MHz)	Live		Neutral		$(dB \mu V)$	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.153	42.30	4.30			65.83	55.83
0.188	49.74	33.34			64.12	54.12
0.790	41.38	36.88			56.00	46.00
2.714	34.49	32.39			60.00	50.00



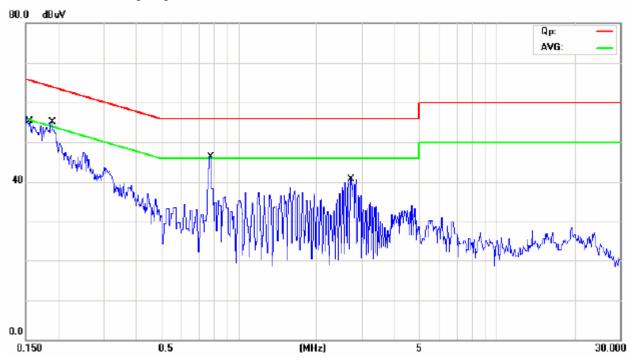
# B: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Memory

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass



Eng gyan av		Reading	Limit			
Frequency (MHz)	Live		Neutral		$(dB \mu V)$	
(IVIIIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.153			42.50	3.30	65.84	55.84
0.188			49.24	33.64	64.10	54.10
0.777			41.96	36.16	56.00	46.00
2.716			35.09	30.99	50.00	60.00

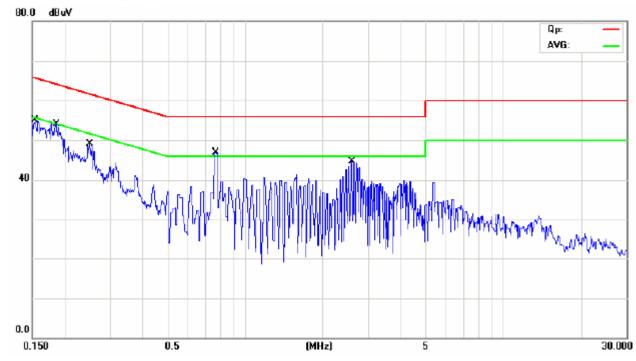
## C: Conducted Emission on Line Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Play SD

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass



Г		Reading	Limit			
Frequency (MHz)	Live		Neutral		$(dB \mu V)$	
(MHZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.153	42.50	3.00			65.79	55.79
0.185	43.94	36.34			64.24	54.24
0.249	42.10	36.30			61.79	51.79
0.777	42.46	37.06			56.00	46.00
2.581	41.03	35.23			56.00	46.00



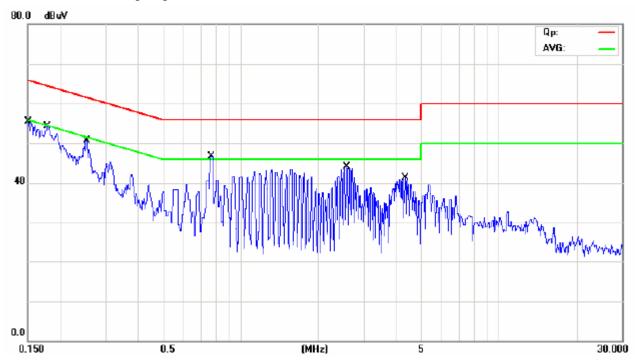
# D: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Play SD

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Working Voltage: 120V~ 60Hz

Results: Pass



Eng guan av		Reading	Limit			
Frequency (MHz)	Live	;	Neutral		$(dB \mu V)$	
(MHZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.150			42.70	4.30	65.96	55.96
0.177			42.33	36.43	64.63	54.63
0.253			42.21	36.31	61.65	51.65
0.769			40.76	35.26	56.00	46.00
2.569			30.93	19.03	56.00	46.00
4.340			34.94	26.14	56.00	46.00



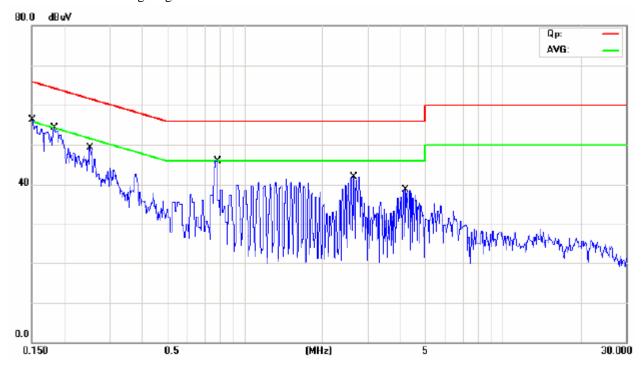
## E: Conducted Emission on Live Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Play USB

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass
Please refer to following diagram for individual



Г		Reading	Limit			
Frequency (MHz)	Live	<b>;</b>	Neutral		$(dB \mu V)$	
(MHZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.151	42.70	3.70			65.93	55.93
0.183	42.23	36.43			64.35	54.35
0.251	41.91	36.11			61.71	51.71
0.782	42.77	37.07			56.00	46.00
2.643	36.46	33.86			56.00	46.00
4.160	33.26	22.06			56.00	46.00



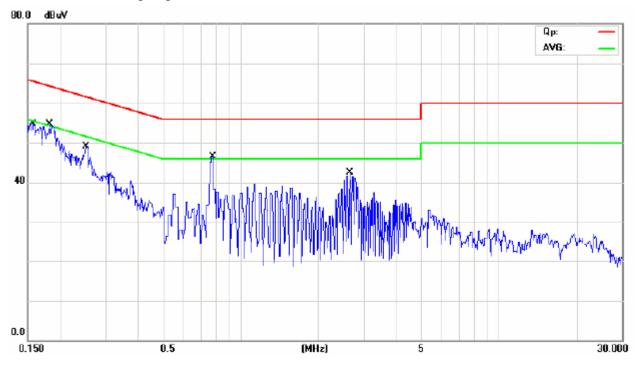
# F: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Play USB

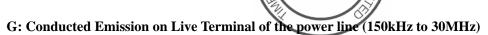
Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass



Frequency		Reading	Limit			
	Live		Neutral		$(dB \mu V)$	
(MHz)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.187			47.74	36.34	64.14	54.14
0.312			42.97	37.57	59.91	49.91
0.756			38.70	33.30	56.00	46.00
2.756			38.70	33.30	56.00	46.00
9.387			45.06	37.56	56.00	46.00



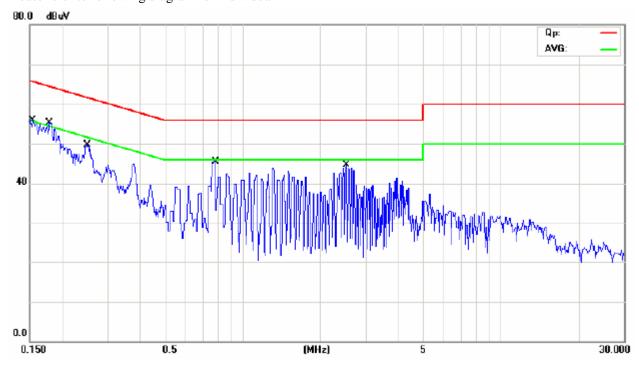
EUT set Condition: Play CF

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass

Please refer to following diagram for individual



Frequency		Reading	Limit			
	Live		Neutral		(dB µ V)	
(MHz)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.153	42.90	3.00			65.82	55.82
0.178	43.13	36.53			64.56	54.56
0.250	42.01	36.31			61.74	51.74
0.779	42.97	37.07			56.00	46.00
2.516	40.61	34.01			56.00	46.00



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

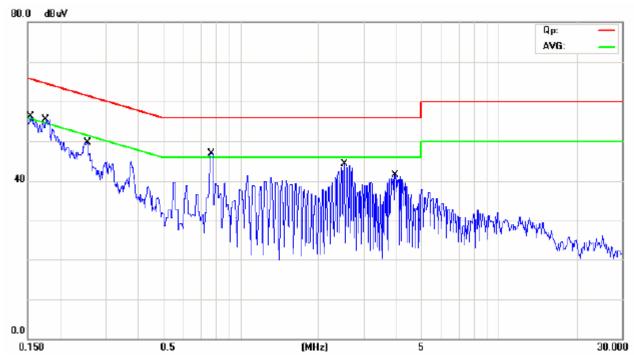
EUT set Condition: Play CF

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Working Voltage: 120V~ 60Hz

Results: Pass

Please refer to following diagram for individual



Frequency		Reading	Limit			
	Live		Neutral		$(dB \mu V)$	
(MHz)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.151			43.10	3.20	65.91	55.91
0.175			42.13	36.43	64.68	54.68
0.254			41.21	36.31	61.63	51.63
0.778			43.27	37.07	56.00	46.00
2.513			41.51	36.11	56.00	46.00
3.942			16.18	9.58	56.00	46.00

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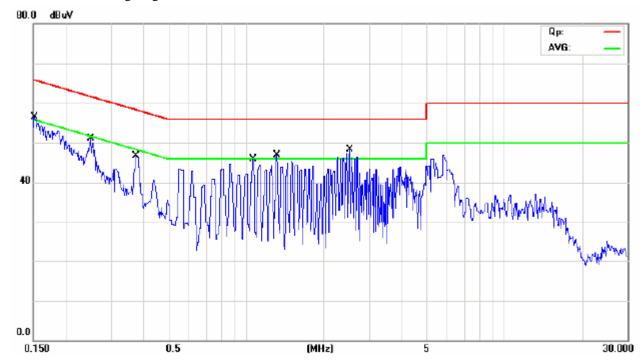
# I: Conducted Emission on Live Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Connected to PC

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Working Voltage: 120V~ 60Hz

**Results:** Pass



Frequency (MHz)		Reading	(dB μ V)		Limit	
	Live		Neutral		(dB µ V)	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.150	42.90	7.00	-		65.97	55.97
0.249	43.21	36.41			61.77	51.77
0.374	41.14	36.34			58.39	48.39
1.055	13.82	5.82			56.00	46.00
1.302	13.82	5.32			56.00	46.00
2.511	43.70	37.70			56.00	46.00



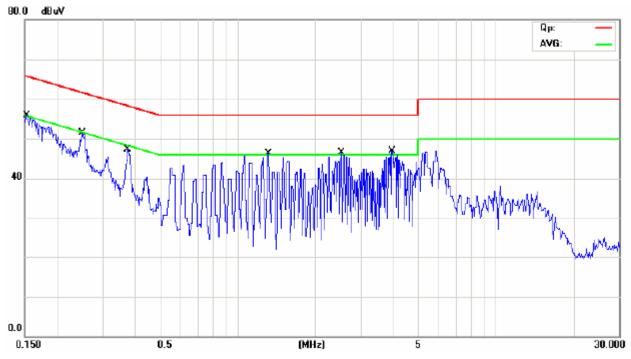
# J: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Connected to PC

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Working Voltage: 120V~ 60Hz

Results: Pass



Frequency		Reading	Limit			
	Live	Live		Neutral		V)
(MHz)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.152			43.10	3.40	65.89	55.89
0.249			43.00	36.40	61.79	51.79
0.374			41.24	36.34	58.40	48.40
1.307			18.22	7.92	56.00	46.00
2.511			43.70	37.70	56.00	46.00
3.946			26.18	16.18	56.00	46.00

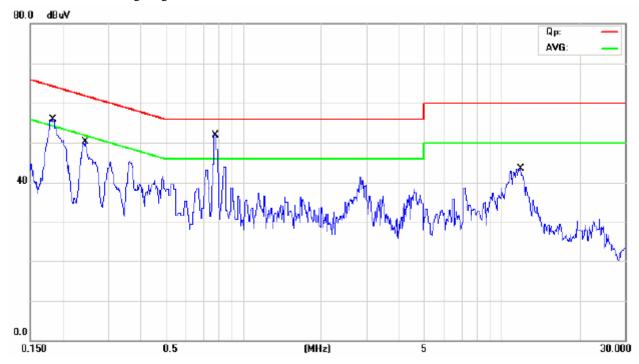


EUT set Condition: Memory

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Working Voltage: 120V~ 60Hz

**Results:** Pass



Frequency (MHz)		Reading	Limit			
	Live		Neutral		(dB µ V)	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.183	50.43	36.53			64.35	54.35
0.244	42.30	31.40			61.96	51.96
0.776	44.06	39.46			56.00	46.00
11.826	33.66	23.86			60.00	50.00



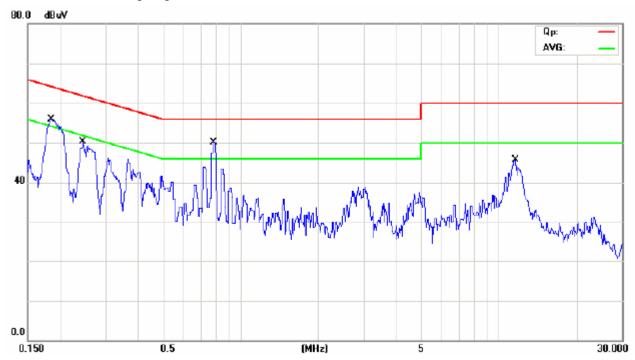
# L: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Memory

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Working Voltage: 120V~ 60Hz

**Results:** Pass



Frequency (MHz)		Reading	Limit			
	Live		Neutral		$(dB \mu V)$	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.184			50.54	36.54	64.30	54.30
0.245			42.10	31.20	61.90	51.90
0.786			42.67	37.47	56.00	46.00
11.505			33.77	24.47	60.00	50.00

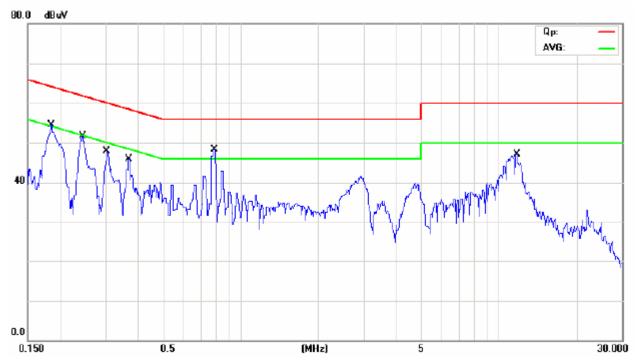


EUT set Condition: Play SD

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Working Voltage: 120V~ 60Hz

Results: Pass



Frequency		Reading	Limit			
	Live	<b>;</b>	Neutral		(dB μ	V)
(MHz)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.184	44.84	36.54			64.29	54.29
0.243	43.20	31.10			61.99	51.99
0.303	40.66	33.66			60.15	50.15
0.368	32.43	23.83			58.54	48.54
0.789	43.38	37.08			56.00	46.00
11.710	38.97	22.27			60.00	50.00



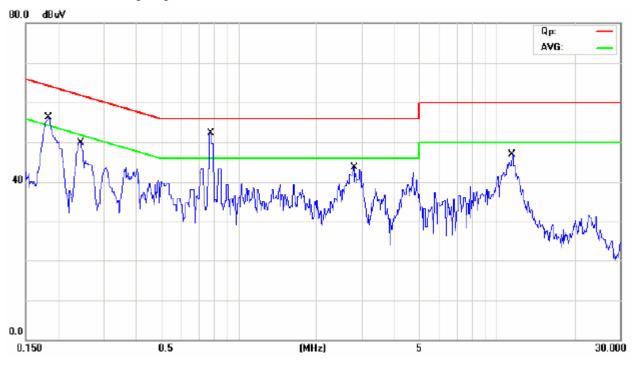
# N: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Play SD

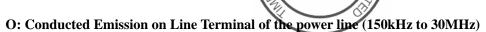
Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Working Voltage: 120V~ 60Hz

**Results:** Pass



Frequency (MHz)		Reading	Limit			
	Live		Neutral		$(dB \mu V)$	
(MHZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.182			50.73	36.53	64.37	54.37
0.243			42.70	31.70	61.98	51.98
0.787			44.67	37.07	56.00	46.00
2.778			33.31	16.11	56.00	46.00
11.437			34.97	25.67	60.00	50.00

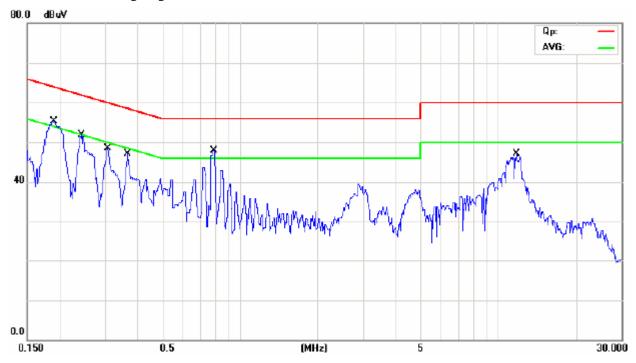


EUT set Condition: Play USB

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Working Voltage: 120V~ 60Hz

Results: Pass



Frequency		Reading	Limit			
	Live	;	Neutral		(dB µ	V)
(MHz)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.187	45.14	36.34			64.14	54.14
0.242	43.50	31.70			62.01	52.01
0.305	40.66	33.86			60.10	50.10
0.367	33.53	24.93			58.56	48.56
0.789	43.58	36.98			56.00	46.00
11.749	35.97	22.97			60.00	50.00



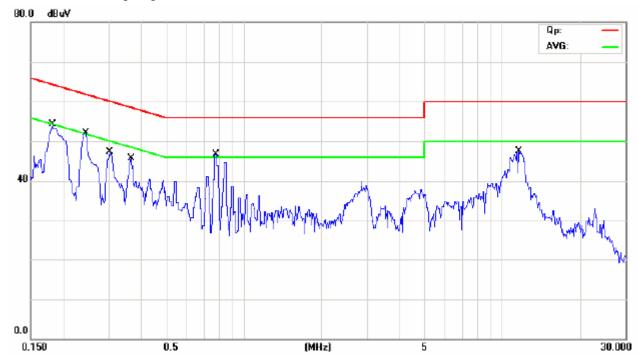
# P: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Play USB

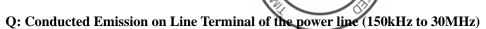
Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Working Voltage: 120V~ 60Hz

**Results:** Pass



Frequency		Reading	Limit			
	Live		Neutral		$(dB \mu V)$	
(MHz)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.181			48.73	36.53	64.42	54.42
0.243			43.40	31.50	61.98	51.98
0.301			40.96	34.36	60.22	50.22
0.365			33.53	25.23	58.60	48.60
0.778			40.36	33.36	56.00	46.00
11.554			39.87	23.27	60.00	50.00

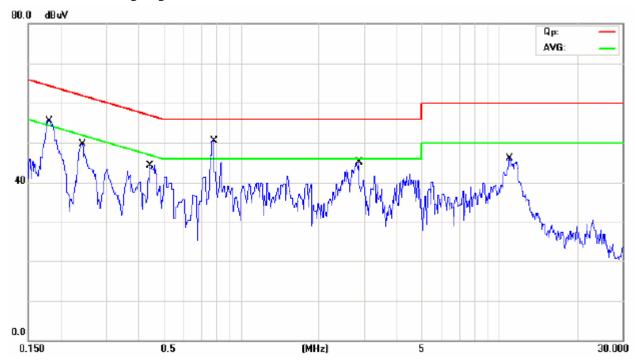


EUT set Condition: Play CF

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Working Voltage: 120V~ 60Hz

Results: Pass



Emaguanay		Reading	Limit			
Frequency (MHz)	Live		Neutral		(dB µ V)	
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.180	50.73	36.63			64.46	54.46
0.241	41.90	31.20			62.03	52.03
0.441	34.11	18.21			57.03	47.03
0.783	44.37	37.07			56.00	46.00
2.839	33.34	17.64			56.00	46.00
10.934	34.18	24.98			60.00	50.00



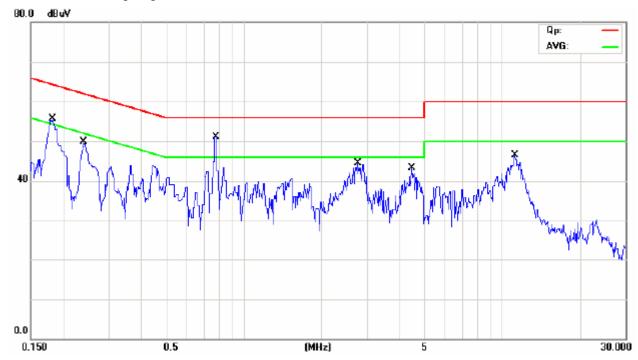
### R: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Play CF

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Working Voltage: 120V~ 60Hz

**Results:** Pass



Frequency		Reading(dB \( \mu \) Limit			t	
	Live	<b>;</b>	Neutral		$(dB \mu V)$	
(MHz)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.182			50.53	36.53	64.38	54.38
0.240			42.30	31.90	62.10	52.10
0.783			44.37	37.07	56.00	46.00
2746			33.30	18.70	56.00	46.00
4.455			31.38	17.28	56.00	46.00
11.179			35.28	28.98	60.00	50.00

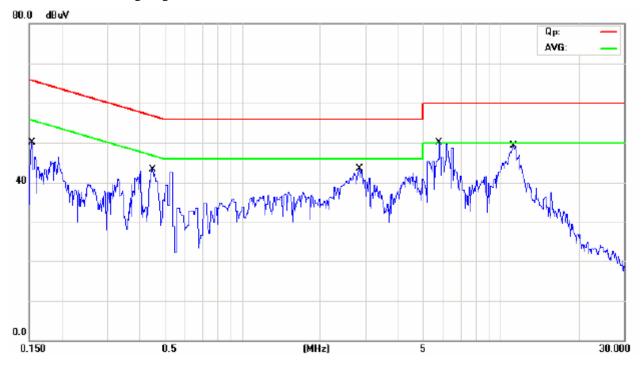


EUT set Condition: Connect to PC

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Working Voltage: 120V~ 60Hz

**Results:** Pass



Frequency		Reading(dB µ V) Limit			t	
	Live		Neutral		$(dB \mu V)$	
(MHz)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.153	32.00	5.20			65.84	55.84
0.447	32.41	20.81			56.92	46.92
2.826	34.33	25.43			56.00	46.00
5.788	43.67	38.57			60.00	50.00
11.165	41.28	25.48			60.00	50.00



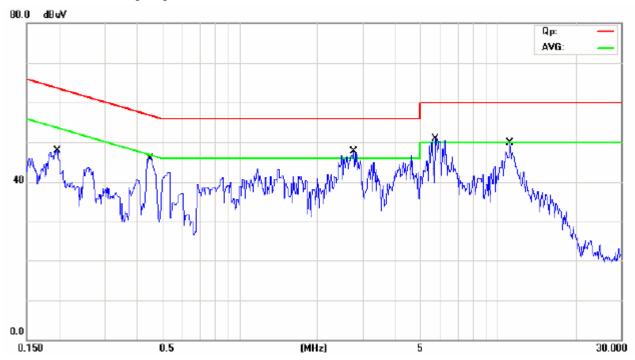
# T: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Connect to PC

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

Working Voltage: 120V~ 60Hz

**Results:** Pass



Frequency	Reading(dB µ V)			Limit		
	Live		Neutral		$(dB \mu V)$	
(MHz)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.198			41.15	24.75	63.69	53.69
0.449			39.12	22.52	56.89	46.89
2.757			35.80	26.40	56.00	46.00
5.755			32.68	21.18	60.00	50.00
11.085			39.58	26.68	60.00	50.00

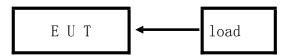
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#### 5.0 Radiated Disturbance Test

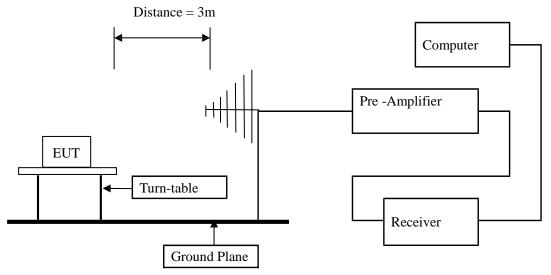
#### 5.1 Schematics of the test



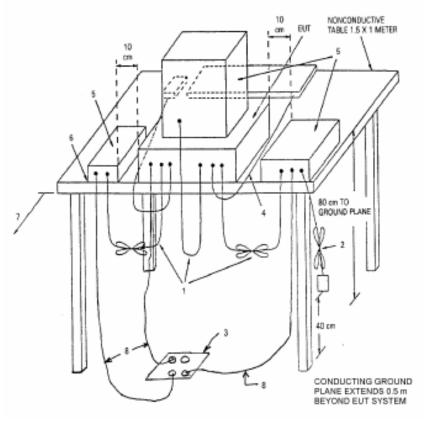
#### 5.2 Test Method and test Procedure:

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.

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

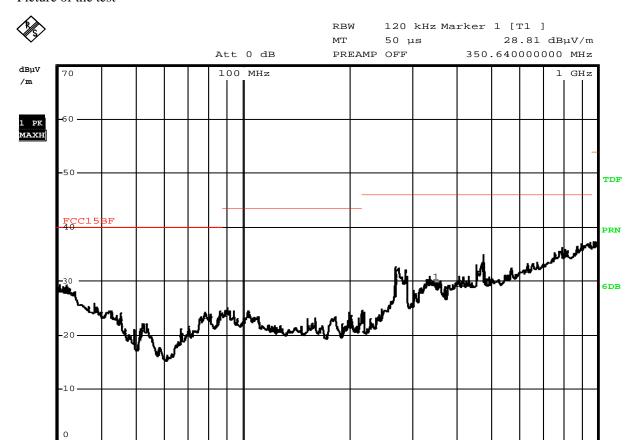
EUT set Condition: Memory

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Comment: H

30 MHz

Date: 25.APR.2009 14:02:47

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
	-	Н	-
	-	Н	

<sup>-</sup>The test data shows much less than the limit, no necessary to take down the records.

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

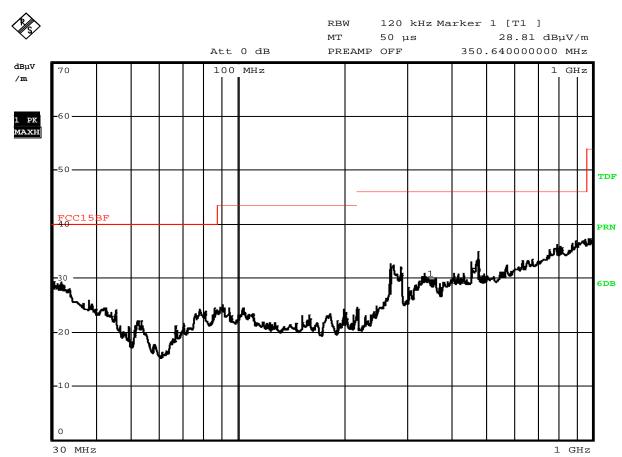
EUT set Condition: Memory

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Comment: H

Date: 25.APR.2009 14:02:47

Frequency (MHz) Level@3m (dBµV/m)		Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
	1	V	1
	-	V	

<sup>-</sup>The test data shows much less than the limit, no necessary to take down the records.

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

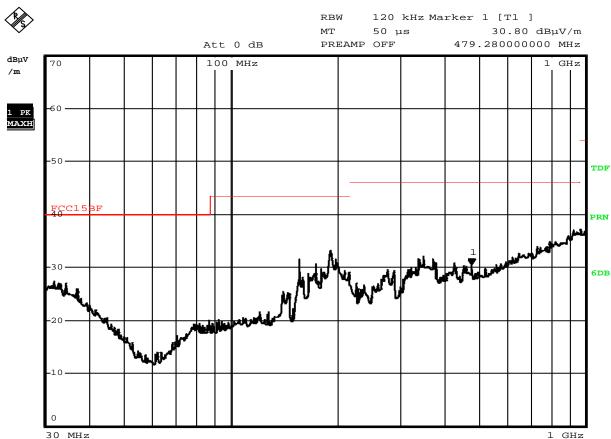
EUT set Condition: Play SD

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Comment: H

Date: 25.APR.2009 15:14:48

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
191.280	33.26	Н	43.50

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

**EUT** set Condition: Play SD

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

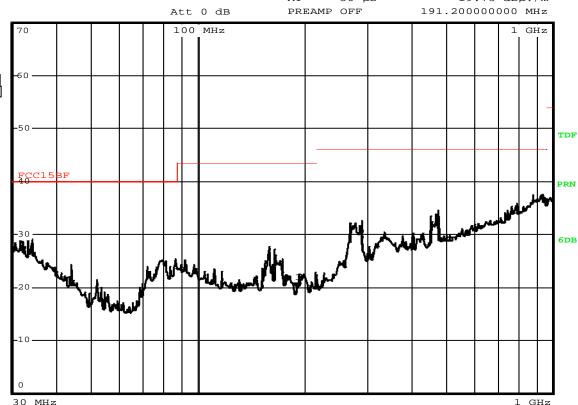
Level: Class B **Results: PASS** 

Please refer to following diagram for individual

Picture of the test

RBW 120 kHz Marker 1 [T1 ] 19.73 dBµV/m мт 50 µs Att 0 dB PREAMP OFF dBuV 100 MHz 70 /m





Comment: H

25.APR.2009 15:16:34 Date:

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
290.080	32.52	V	46.00
479.120	34.61	V	46.00

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

EUT set Condition: Play CF

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

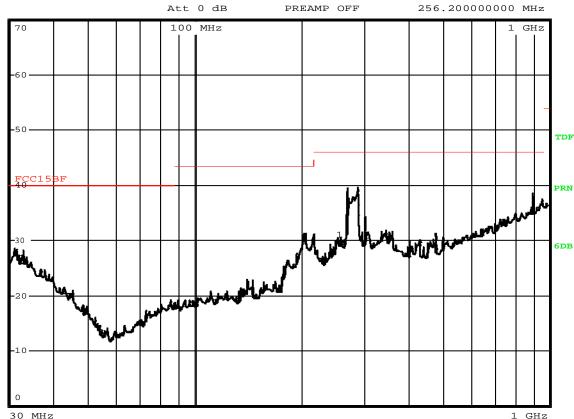
Picture of the test

**\$**\$

dΒμV

RBW 120 kHz Marker 1 [T1 ] MT 50 μs 28.90 dBμV/m





Comment: H

Date: 25.APR.2009 15:22:09

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
290.040	33.65	Н	46.00
479.280	34.76	Н	46.00

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

**EUT** set Condition: Play CF

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Level: Class B **Results: PASS** 

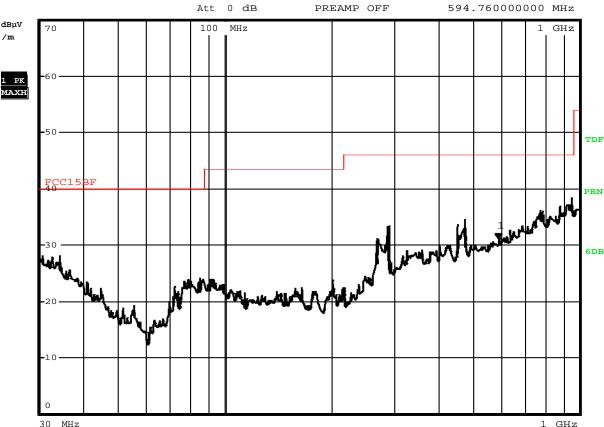
Please refer to following diagram for individual

Picture of the test



RRW 120 kHz Marker 1 [T1 ]  $31.37 \text{ dB}\mu\text{V/m}$ МТ 50 µs 594.760000000 MHz PREAMP OFF





Comment: H

Date: 25.APR.2009 15:19:48

Frequency (MH	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
278.280	33.65	V	46.00
289.760	34.76	V	46.00

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

**EUT** set Condition: Play USB

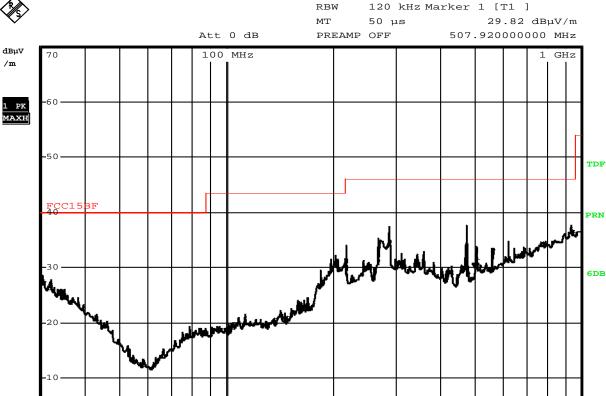
Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Level: Class B **Results: PASS** 

Please refer to following diagram for individual

Picture of the test





Comment: H

30 MHz

25.APR.2009 Date:

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
217.680	34.01	Н	43.50
289.760	37.62	Н	46.00
480.080	37.76	Н	46.00

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

EUT set Condition: Play USB

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test

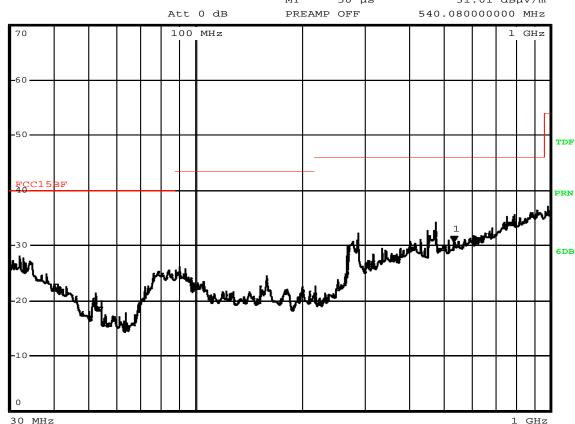
**%** 

 $dB\mu V$ 

RBW 120 kHz Marker 1 [T1 ]

MT 50 μs 31.01 dBμV/m





Comment: H

Date: 25.APR.2009 15:08:42

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
288.720	32.36	V	46.00
479.280	34.45	V	46.00

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

EUT set Condition: Connect to PC

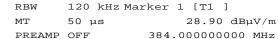
Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

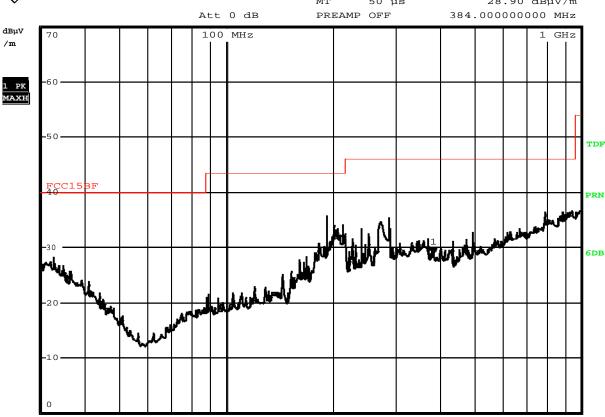
Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test







Comment: H

Date: 25.APR.2009 15:01:48

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
192.000	35.91	Н	43.50
213.920	34.24	Н	43.50
273.720	34.87	Н	46.00

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

**EUT set Condition:** Connect to PC

Adaptor used for test Model No.: ADS-18C-12N 12018GPCU

Level: Class B **Results: PASS** 

Please refer to following diagram for individual

Picture of the test

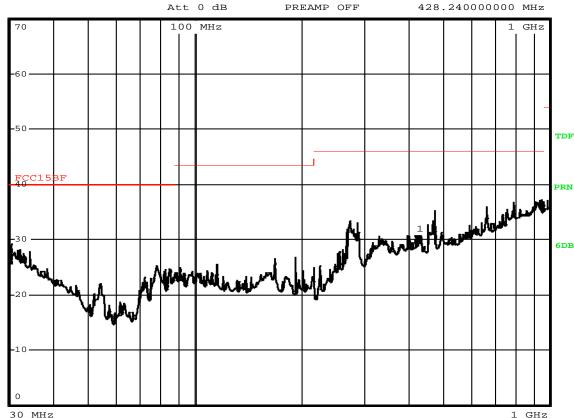
dΒμV

RBW 120 kHz Marker 1 [T1 ] мт

29.80 dBµV/m 50 µs

PREAMP OFF





Comment: H

25.APR.2009 Date:

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
275.520	33.55	V	46.00
479.440	35.45	V	46.00

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

**EUT** set Condition: Connect to PC

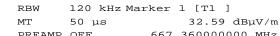
Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Level: Class B **Results: PASS** 

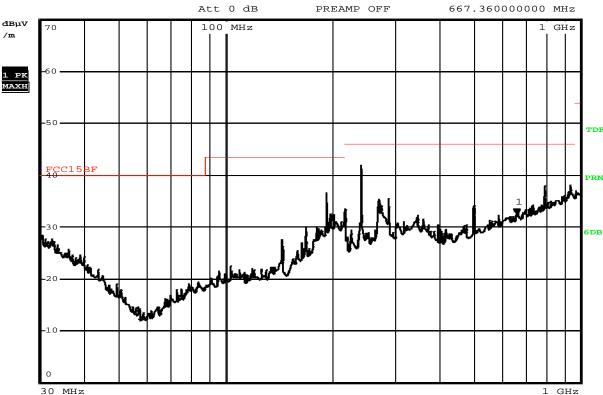
Please refer to following diagram for individual

Picture of the test









Comment: H

25.APR.2009 14:57:06

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
192.000	36.66	Н	43.50
240.080	42.04	Н	46.00

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

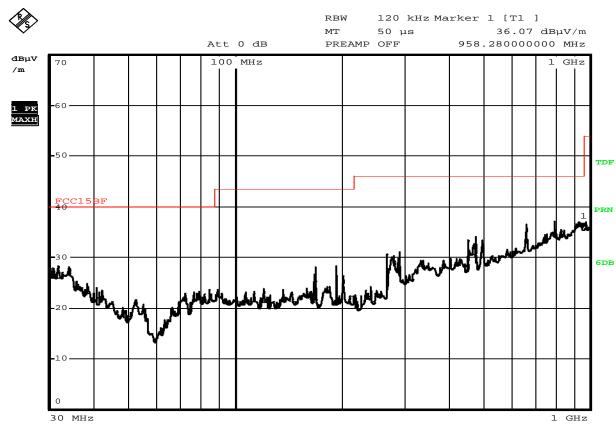
EUT set Condition: Connect to PC

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Comment: H

Date: 25.APR.2009 14:54:17

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
479.720	34.31	V	46.00
666.600	36.76	V	46.00

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

**EUT** set Condition: Memory

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Level: Class B **Results: PASS** 

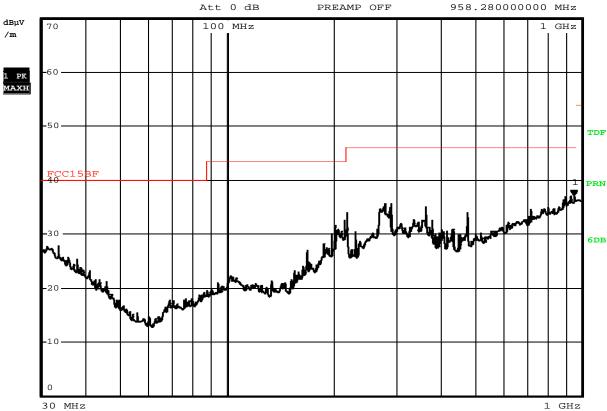
Please refer to following diagram for individual

Picture of the test

RBW 120 kHz Marker 1 [T1 ] мт

50 µs 37.34 dBµV/m

PREAMP OFF 958.280000000 MHz



Comment: H

25.APR.2009 Date: 13:57:25

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	$Limit@3m (dB\mu V/m)$
217.800	34.09	Н	43.50
278.800	35.76	Н	46.00

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

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

**EUT set Condition:** Memory

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

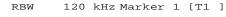
Att 0 dB

Level: Class B **Results: PASS** 

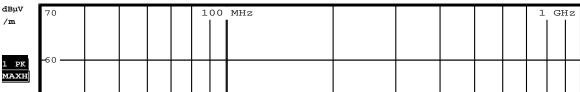
Please refer to following diagram for individual

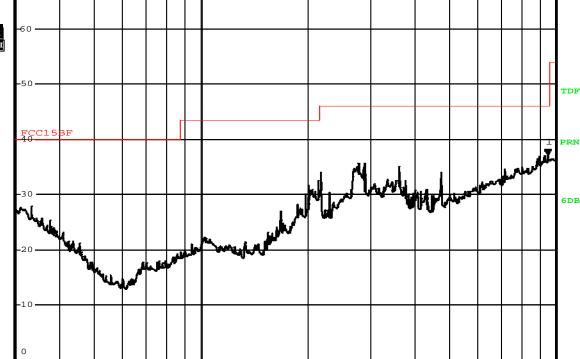
Picture of the test











Comment: H

30 MHz

25.APR.2009 13:57:25 Date:

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
270.280	32.61	V	46.00
479.440	35.01	V	46.00

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

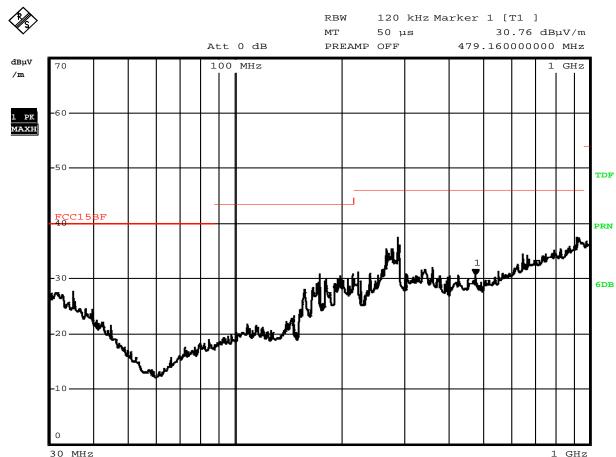
EUT set Condition: Play SD

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Comment: H

Date: 25.APR.2009 14:09:18

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m (dBµV/m)
289.920	37.55	Н	46.00

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

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

**EUT set Condition:** Play SD

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Level: Class B **Results: PASS** 

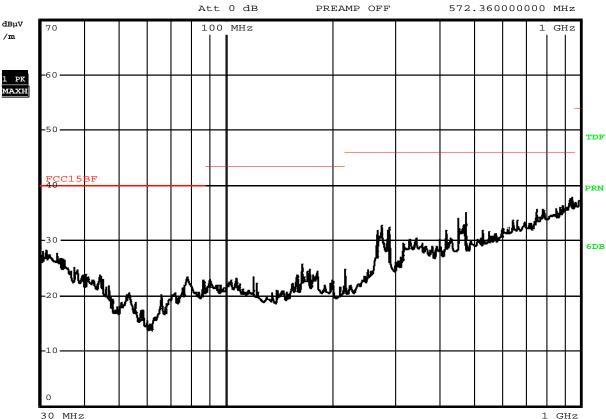
Please refer to following diagram for individual

Picture of the test

RBW 120 kHz Marker 1 [T1] мт 50 µs 29.94 dBµV/m

PREAMP OFF





Comment: H

25.APR.2009 Date:

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
277.160	32.78	V	46.00
479.280	35.22	V	46.00

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

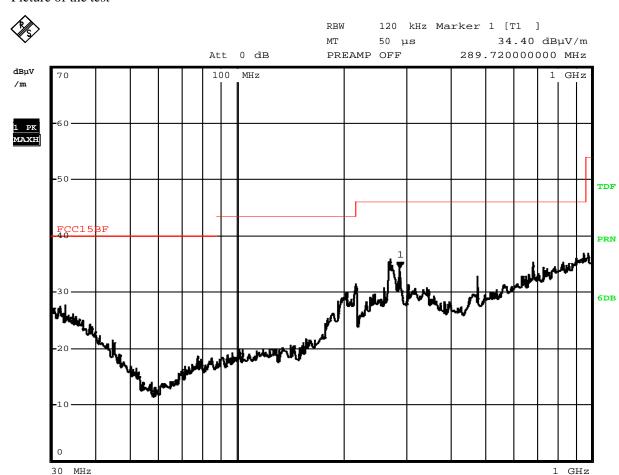
EUT set Condition: Play USB

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Comment: H

Date: 25.APR.2009 14:12:55

Frequency (MH	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m (dBµV/m)
271.440	35.92	Н	46.00

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

**EUT set Condition:** Play USB

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Level: Class B **Results: PASS** 

Please refer to following diagram for individual

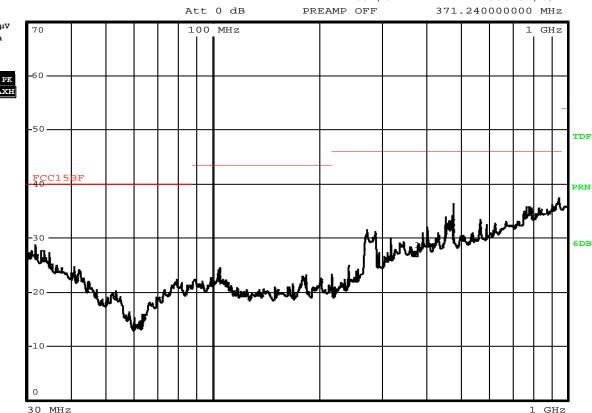
Picture of the test

RBW 120 kHz Marker 1 [T1 ]

МТ 50 µs 26.56 dBµV/m

dΒμV





Comment: H

25.APR.2009 14:14:08 Date:

Frequency (MHz)	Level@3m ( $dB\mu V/m$ )	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
272.640	31.75	V	46.00
479.280	36.46	V	46.00

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

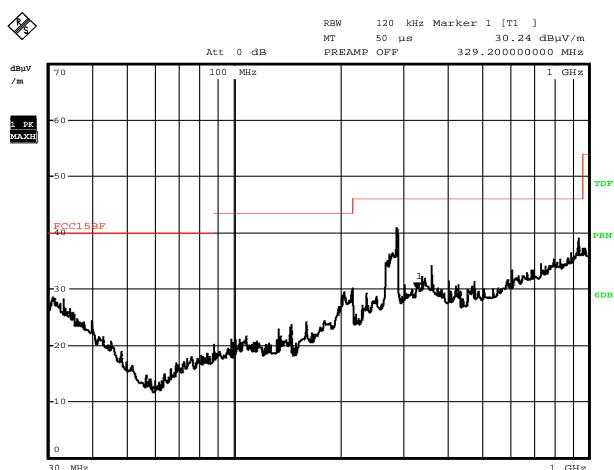
EUT set Condition: Play CF

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



Comment: H

Date: 25.APR.2009 14:21:17

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m ( $dB\mu V/m$ )
289.760	41.06	Н	46.00

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

EUT set Condition: Play CF

Adaptor used for test Model No.: XKD-C1500IC12.0-18C-US

Level: Class B
Results: PASS

Please refer to following diagram for individual

Picture of the test



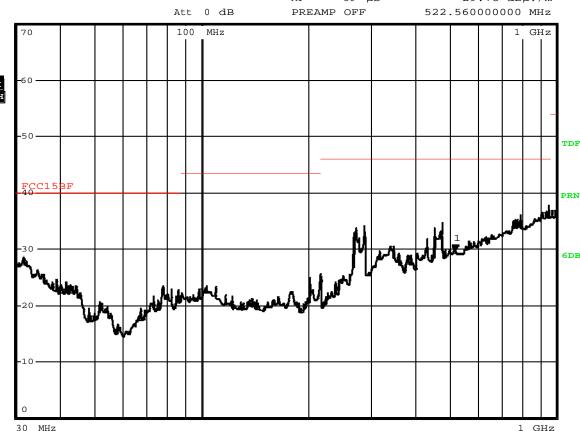
RBW 120 kHz Marker 1 [T1 ]

MT 50 µs 29.78 dBµV/m

PREAMP OFF 522 56000000 MHz

dΒμV /m





Comment: H

Date: 25.APR.2009 14:18:39

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
289.760	34.35	V	46.00
479.720	34.76	V	46.00

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

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Report No: 0904187 Date: 2009-04-29



#### 6.0 FCC ID Label

FCC ID: V37-6226DT-131

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:**



FCC ID Label Location



# 7.0 **Photo of testing**

#### Conducted test View—

#### Connect to PC



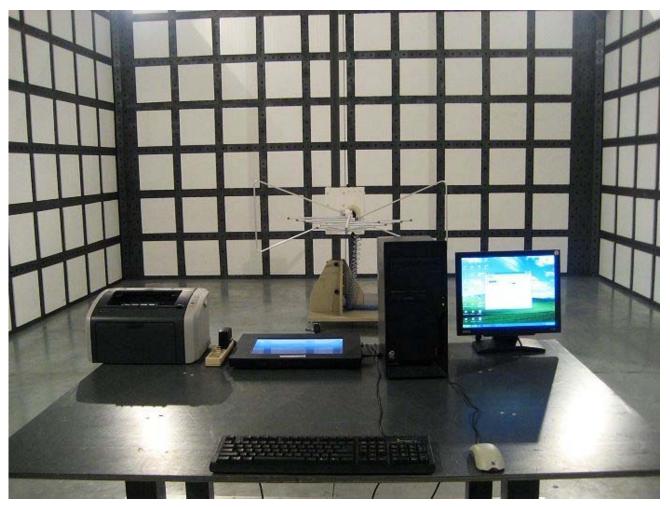
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Report No: 0904187 Date: 2009-04-29



#### 7.2 Radiated emission test view--

#### Connect to PC



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Report No: 0904187 Date: 2009-04-29

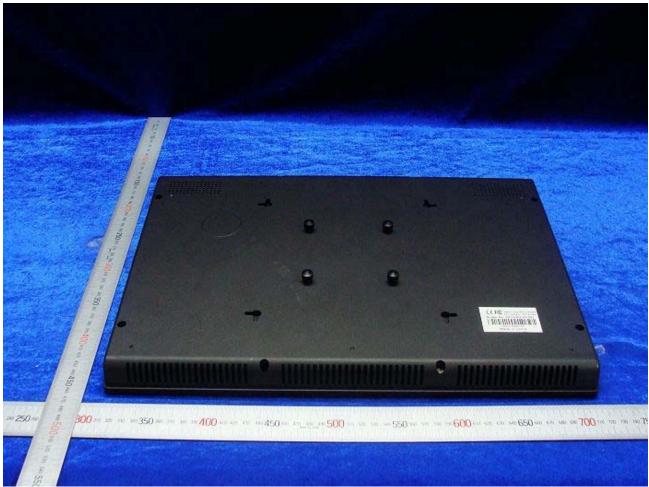


#### 7.3 Photo for the EUT



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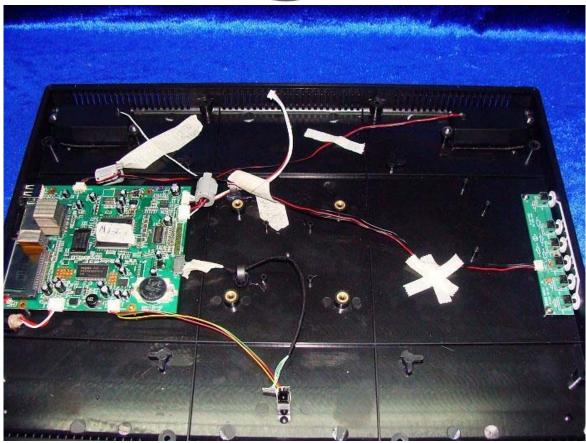
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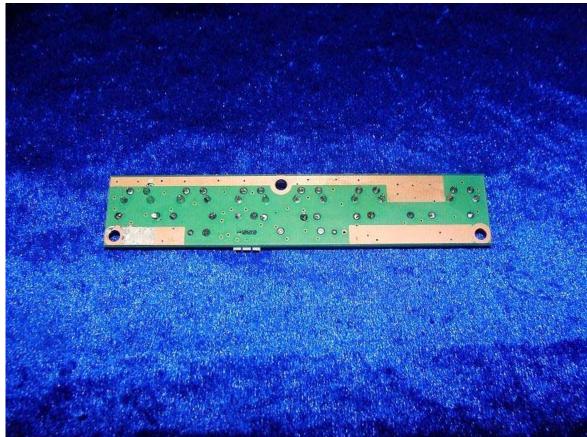
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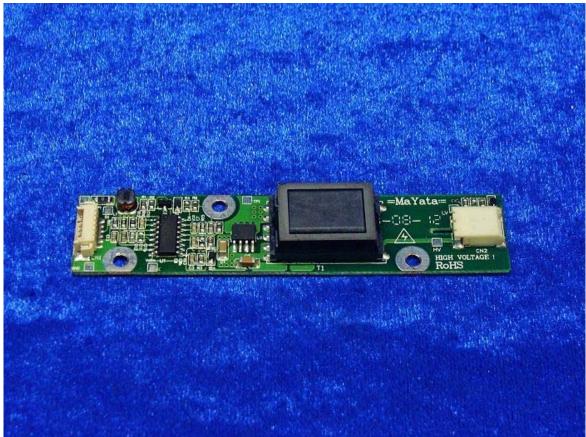
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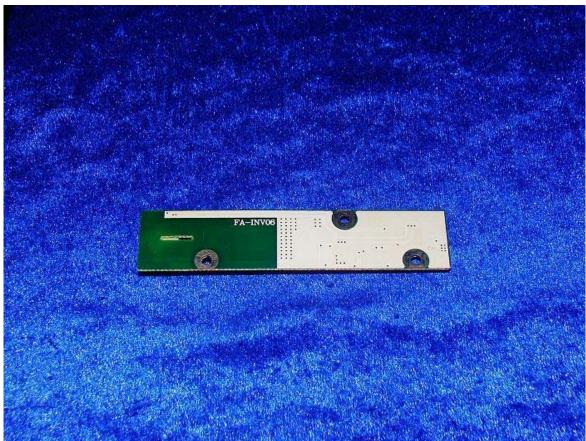
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-End of the report-