TECHNICAL REPORT

卓時檢測 TIMEWAY TESTING LABORATORY

ISO/IEC17025 Accredited Lab.

Report No: FCC 0810036
File reference No: 2008-11-25

Applicant: WIN ACCORD LTD.

Product: Digital Photo Frame

Brand Name: N/A

Model No: DF-K2X

Test Standards: FCC Part 15 Subpart B: 2006

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: Nov 25. 2008

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

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.

Test Report Conclusion

Content

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,R.O.C
Telephone: 02-2749 3837
Fax: 02-2749-3918

1.3 Description of EUT

Product: Digital Photo Frame
Manufacturer: WIN ACCORD LTD.
Address: Shatou Section. Zhen'an Road, Chang'an, Town, Dongguan City
Brand Name: N/A
Model Number: DF-K2X
Additional Model Number: DPF-CRM10 , CV-DPF-10X(X: A-Z, 0-9) , DPF-CX110 , DPF-CXM10 (X: A-Z, 0-9) , DPF-JX110 , DPF-JXM10(X: A-Z, 0-9) , DPF-JX10 , DPF-JXM10(X: A-Z, 0-9) , DPF-RWP10 , DPF-RW110 , DPF-BA10 , DPF-WA10 , DPF-BL10 , DPF-BW10 , DPF-BWP10 , DPF-BWM10 , DPF-BRM10 , DPF-EWM10, VS1024-3
Remark: Just model names and appearance colour are different.
Rating: Adapter 1: Model:ADS-18C-12 1218GPCU , Input:100-240V 50/60Hz Max:0.6A
Output: 12V,1.5A Brand name: HONOR
Adapter 2: Model:XKD-C1500IC12.0-18C-US , Input:100-240 50/60Hz Max:0.7A
Output:12V-1.5A Brand name: MOSO

1.4 Submitted Sample:

1 Sample

1.5 Test Duration: 2008-09-26 to 2008-11-25

1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB

Radiated Emissions Uncertainty =4.7dB

1.7 Test Engineer

The sample tested by

Print Name: Terry Tang

2.0 List of Measurement Equipment

2.1 Conducted Emission Test

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
EMI Test Receiver	ESCS30	830245/009	RS	2008.2.23	1Year
Coaxial Switch	MP59B	M70585	ANRITSU	N/A	N/A
LISN	NTFM8132	8132137	SCHWARZBECK	2008.2.24	1Year
LISN	NTFM8134	8134109	SCHWARZBECK	2008.2.24	1Year
LISN	NTFM8136	8136102	SCHWARZBECK	2008.2.24	1Year

2.2 Radiated electromagnetic disturbance test

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
EMI Test Receiver	ESCS30	830245/009	RS	2008.2.23	1Year
Coaxial Switch	MP59B	M70585	ANRITSU	N/A	N/A
Spectrum Analyzer(with Tracking Generator)	MS2661C	MT72089	ANRITSU	2008.2.23	1Year
Amplifier	MH648A	M20494	ANRITSU	2008.2.24	1Year
Bilog Antenna	CBL6101C	2576	CHASE	2008.2.23	1Year

2.3 Auxiliary Equipment

Name	Model No.	Serial No.	Manufacturer	Cable	FCC ID/DOC
Keyboard	KB-0225	1211815	IBM	Data cable of 2m length unshielded	FCC DOC
Printer	BOISB-027-00	CNFG029476	EPSON	Data cable of 2m length unshielded and 1.8m length AC Mains cable	DOC

Monitor	6331-4CN	23-DNWX3	IBM	Data cable of 1.5m length unshielded and 1.8m length AC Mains cable	FCC ID

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

3.0 Technical Details

3.1 Investigations Requested

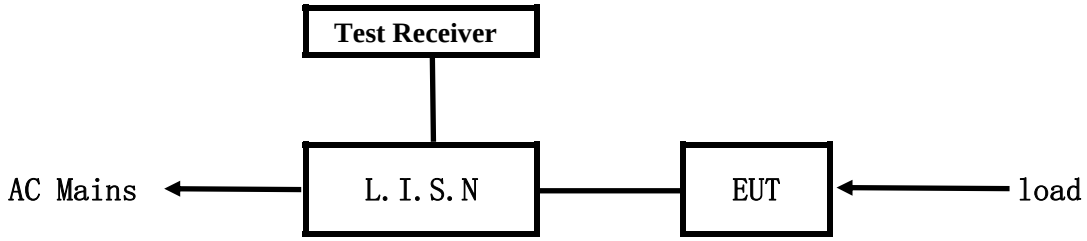
Perform Electromagnetic Interference [EMI] tests for FCC Requirement.

3.2 Test Standards

FCC Part 15 Subpart B: 2006

4.0 Conducted Power line Test

4.1 Schematics of the test

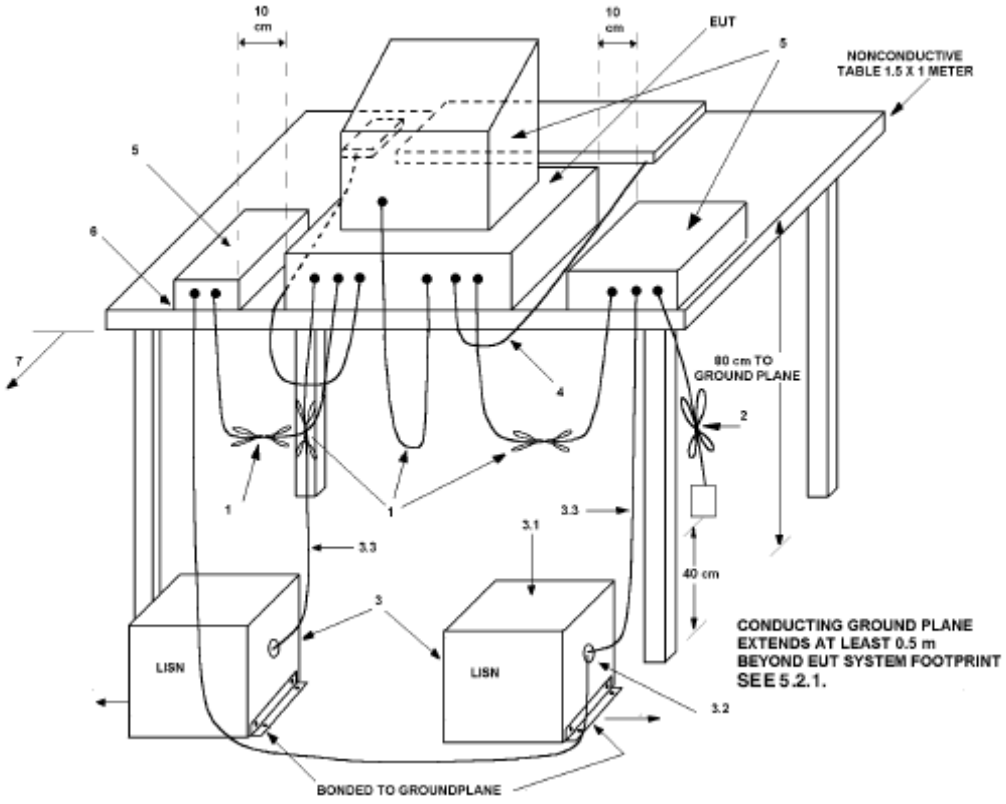


EUT: Equipment Under Test

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



4.3 Power line conducted Emission Limit

Frequency(MHz)	Class A Limits dB(μV)		Class B Limits dB(μV)	
	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 ～ 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.

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

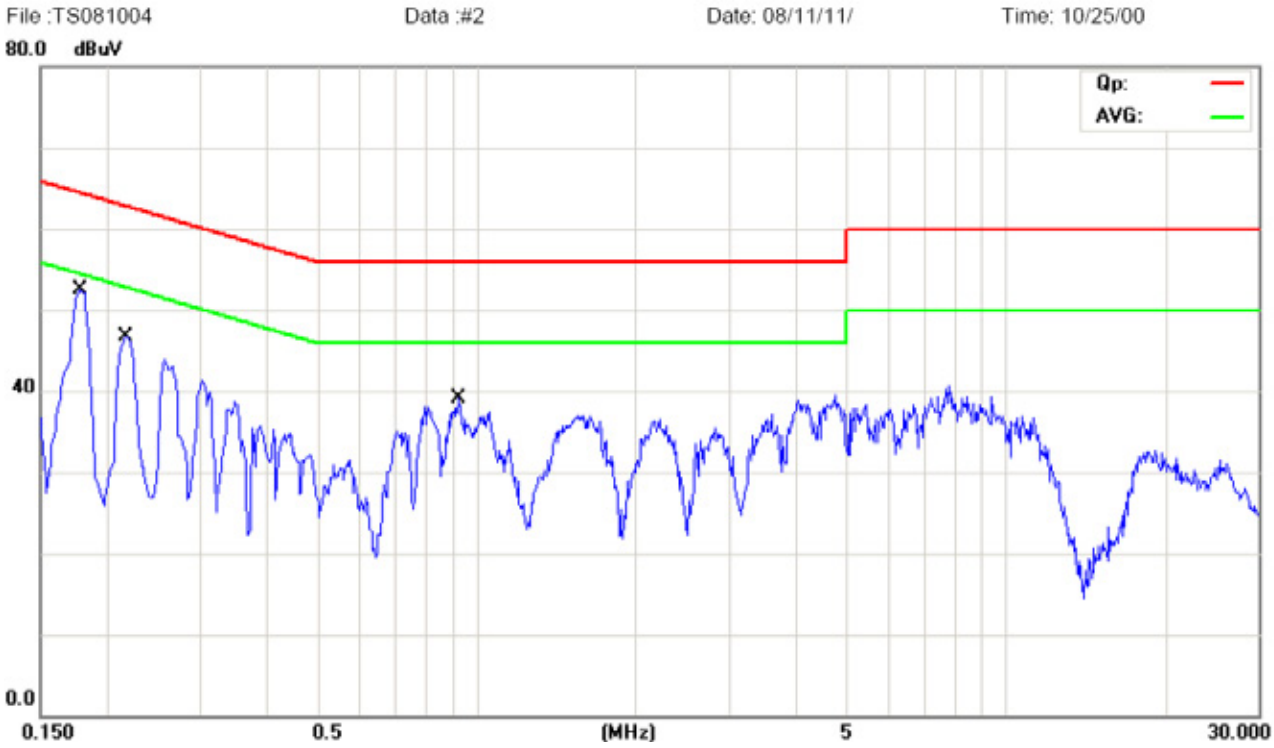
Power Supply Model: ADS-18C-12 1218GPCU

EUT set Condition: Playing SD Card

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.177	48.63	33.83	--	--	64.59	54.59
0.217	42.37	27.17	--	--	62.91	52.91
0.925	33.82	21.42	--	--	56.00	46.00

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

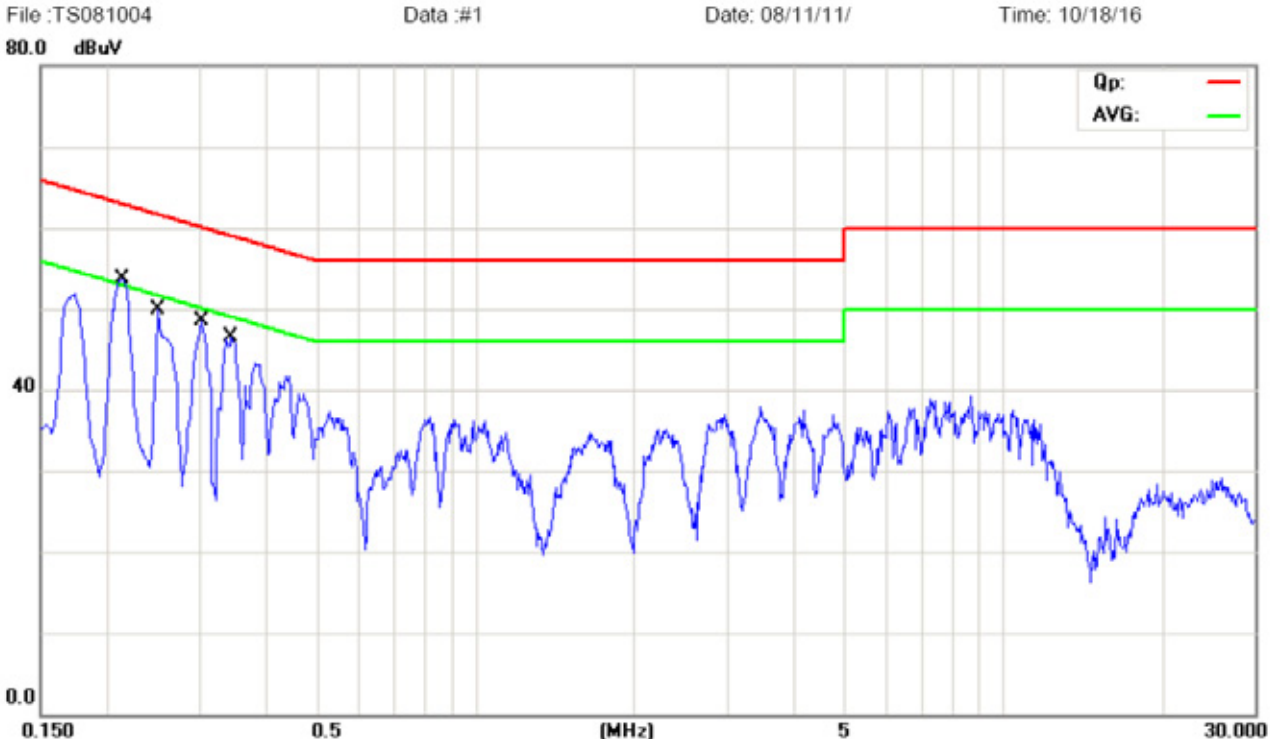
Power Supply Model: ADS-18C-12 1218GPCU

EUT set Condition: Playing SD Card

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.214	--	--	49.07	34.77	63.05	53.05
0.249	--	--	36.61	16.81	61.78	51.78
0.302	--	--	44.06	30.96	60.19	50.19
0.344	--	--	41.61	30.11	59.09	49.09

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

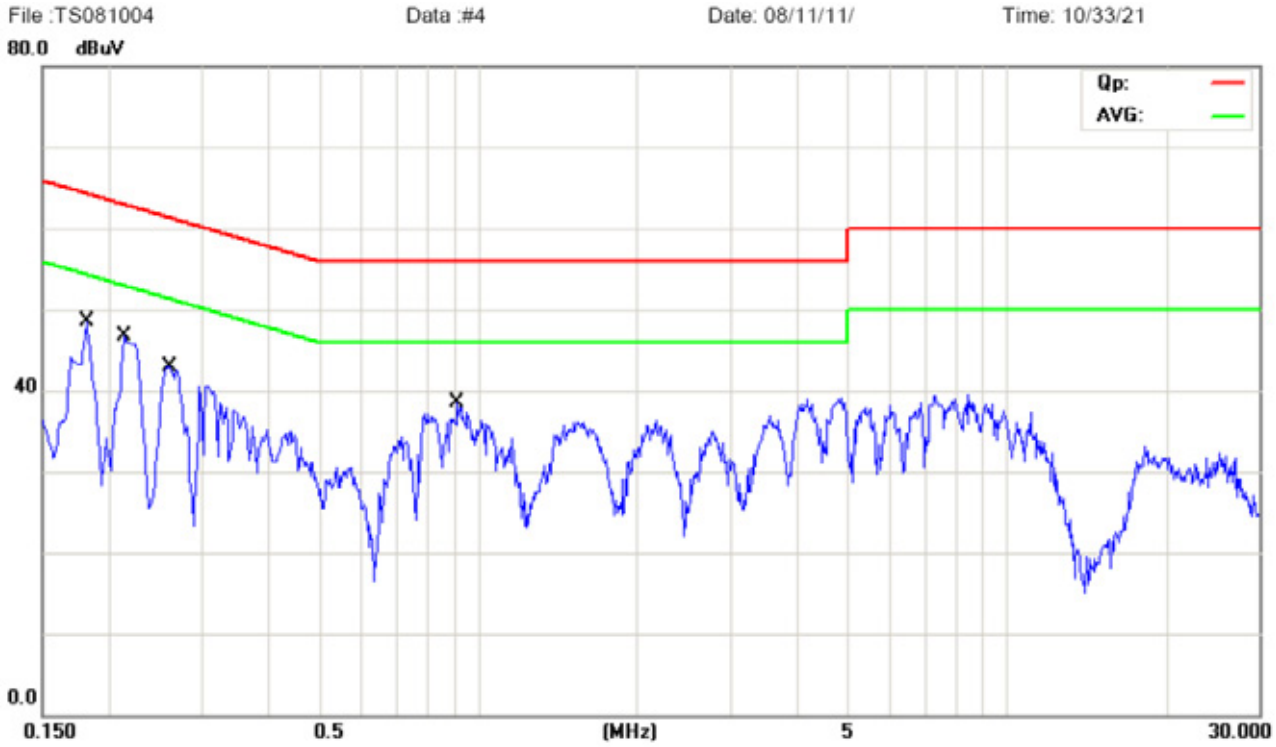
Power Supply Model: ADS-18C-12 1218GPCU

EUT set Condition: Playing CF Card

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.182	44.53	24.63	--	--	64.38	54.38
0.214	42.47	24.27	--	--	63.05	53.05
0.259	38.02	24.52	--	--	61.45	51.45
0.916	33.01	20.91	--	--	56.00	46.00

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

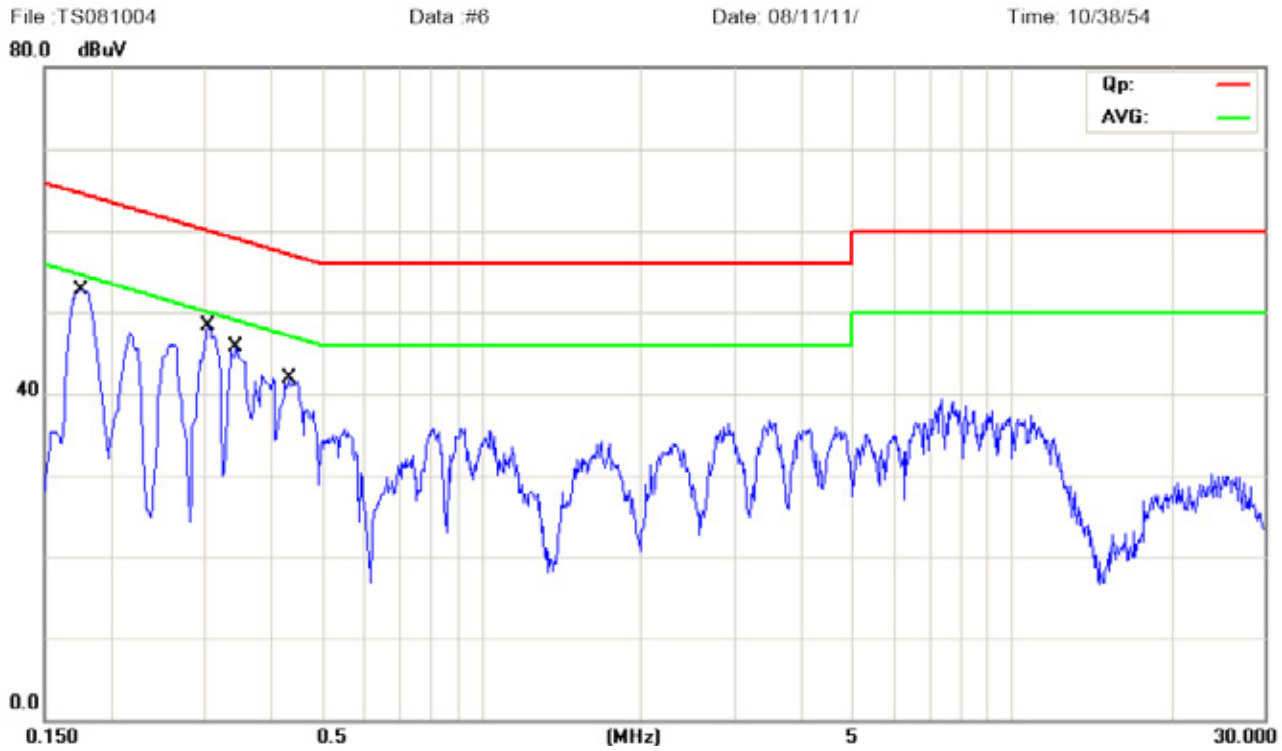
Power Supply Model: ADS-18C-12 1218GPCU

EUT set Condition: Playing CF Card

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.175	--	--	48.33	37.03	64.69	54.69
0.305	--	--	43.86	33.76	60.09	50.09
0.345	--	--	40.81	25.81	59.08	49.08
0.433	--	--	37.20	26.10	57.19	47.19

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

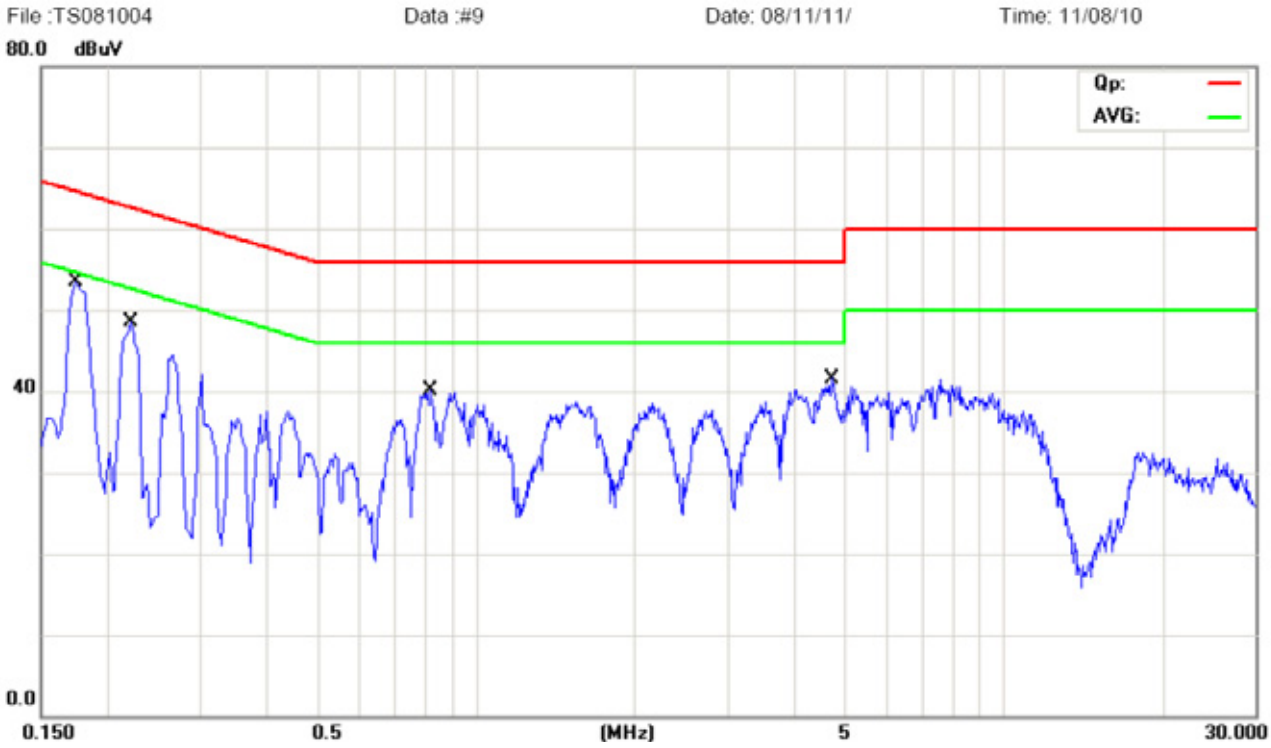
Power Supply Model: ADS-18C-12 1218GPCU

EUT set Condition: Playing USB

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.174	48.43	26.13	--	--	64.74	54.74
0.222	43.68	30.38	--	--	62.73	52.73
0.817	34.81	22.21	--	--	56.00	46.00
4.741	34.40	26.80	--	--	56.00	46.00

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

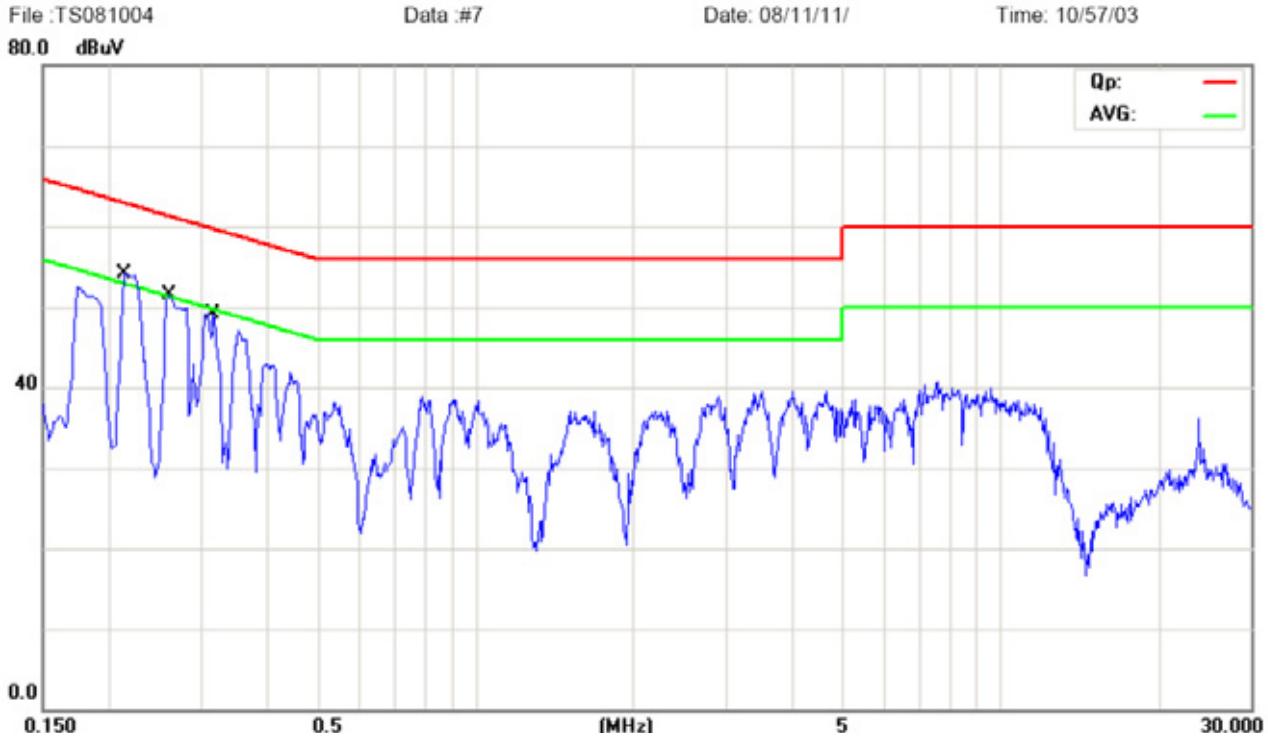
Power Supply Model: ADS-18C-12 1218GPCU

EUT set Condition: Playing USB

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.214	--	--	44.37	16.47	63.02	53.02
0.261	--	--	41.82	19.82	61.39	51.39
0.317	--	--	44.28	27.18	59.78	49.78

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

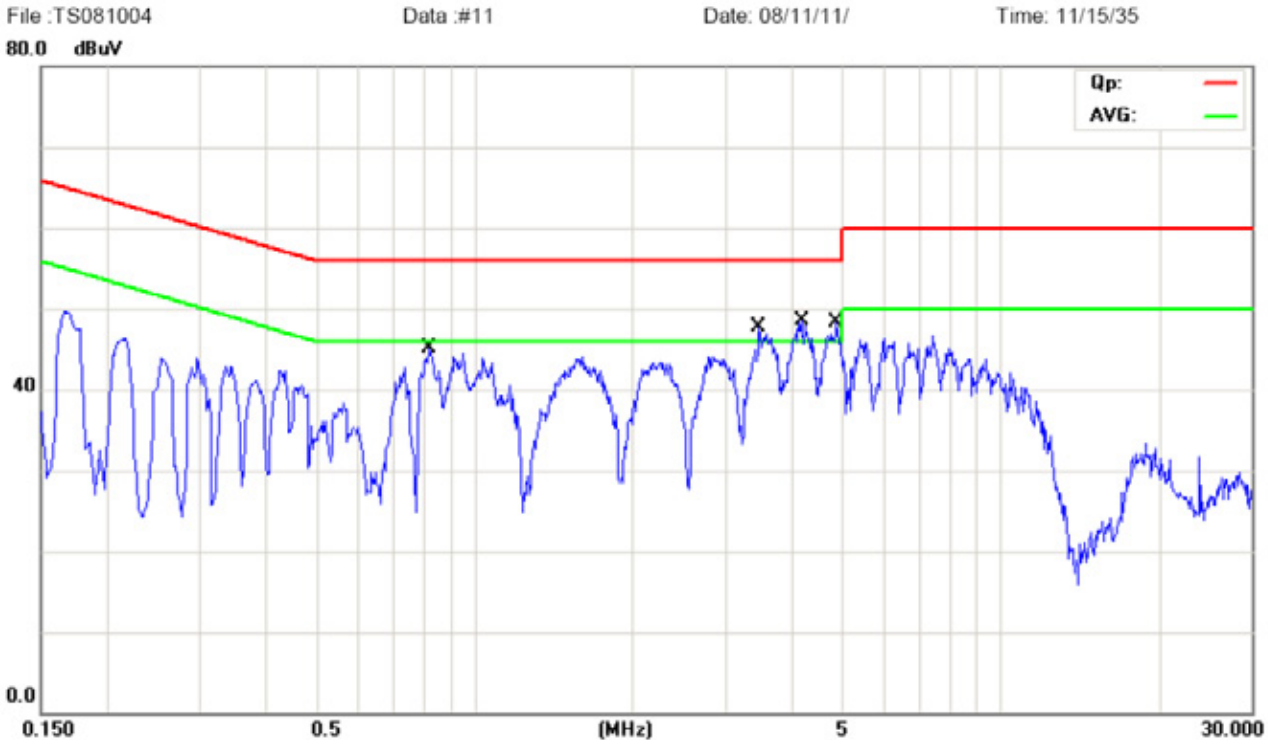
Power Supply Model: ADS-18C-12 1218GPCU

EUT set Condition: Connected to PC

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.818	41.21	28.61	--	--	56.00	46.00
3.488	43.30	36.90	--	--	56.00	46.00
4.174	42.67	34.57	--	--	56.00	46.00
4.883	41.95	33.35	--	--	56.00	46.00

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

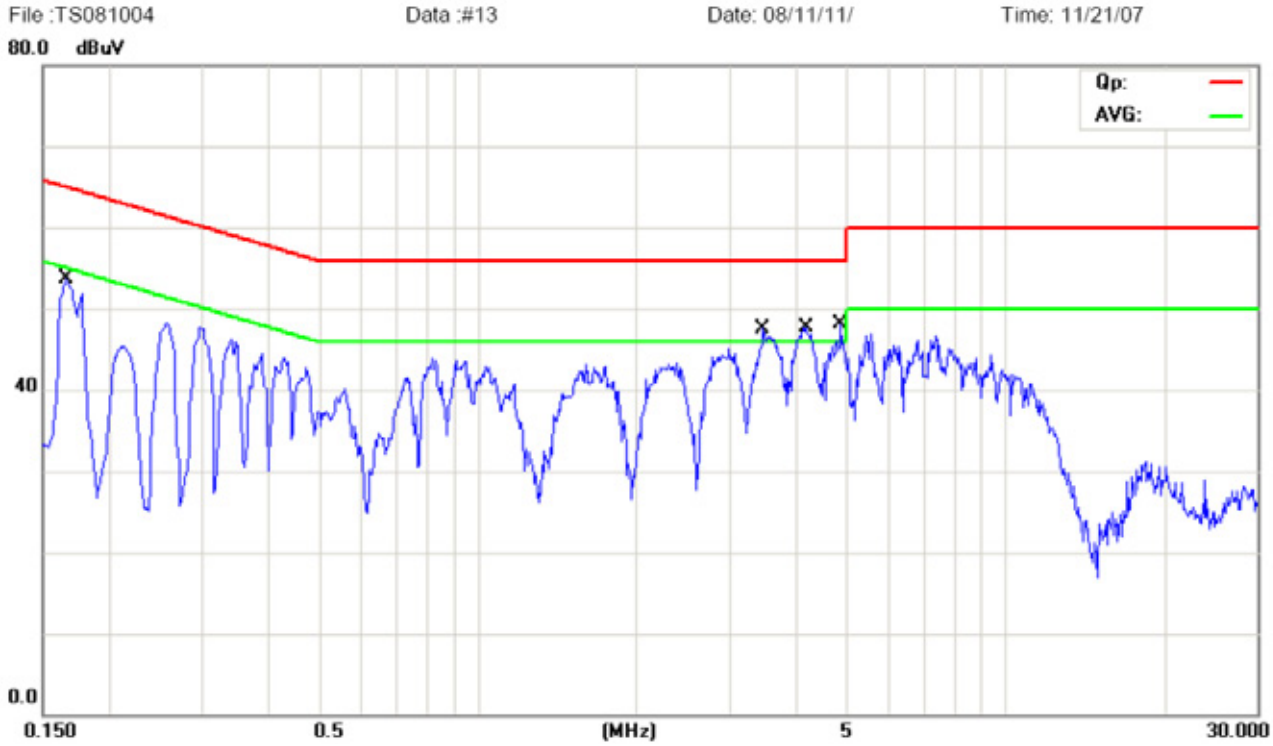
Power Supply Model: ADS-18C-12 1218GPCU

EUT set Condition: Connected to PC

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.166	--	--	49.12	35.12	65.16	55.16
3.479	--	--	41.39	33.19	56.00	46.00
4.182	--	--	42.37	33.67	56.00	46.00
4.882	--	--	41.65	34.95	56.00	46.00

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

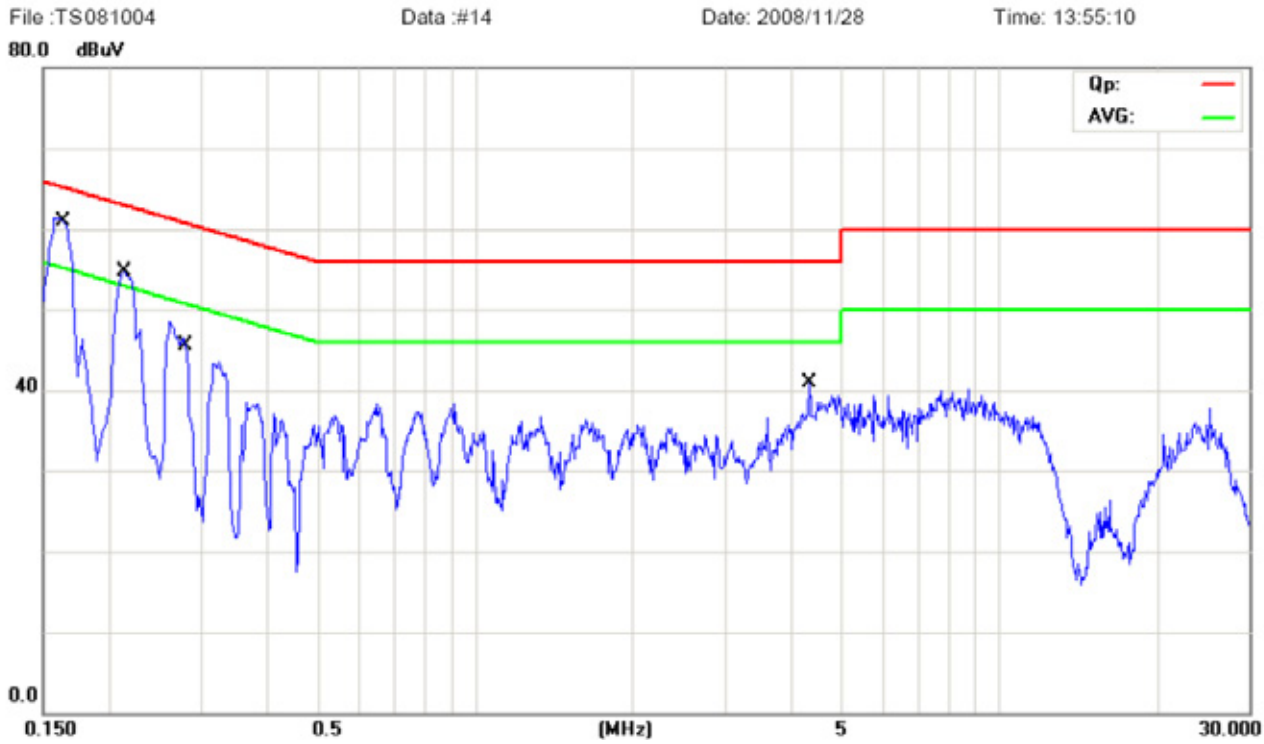
Power Supply Model: ADS-18C-12 1218GPCU

EUT set Condition: Play Memory

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.164	56.12	47.42	--	--	65.23	55.23
0.214	53.87	47.27	--	--	63.05	53.05
0.282	48.04	41.54	--	--	60.74	50.74
4.346	33.44	29.24	--	--	56.00	46.00

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

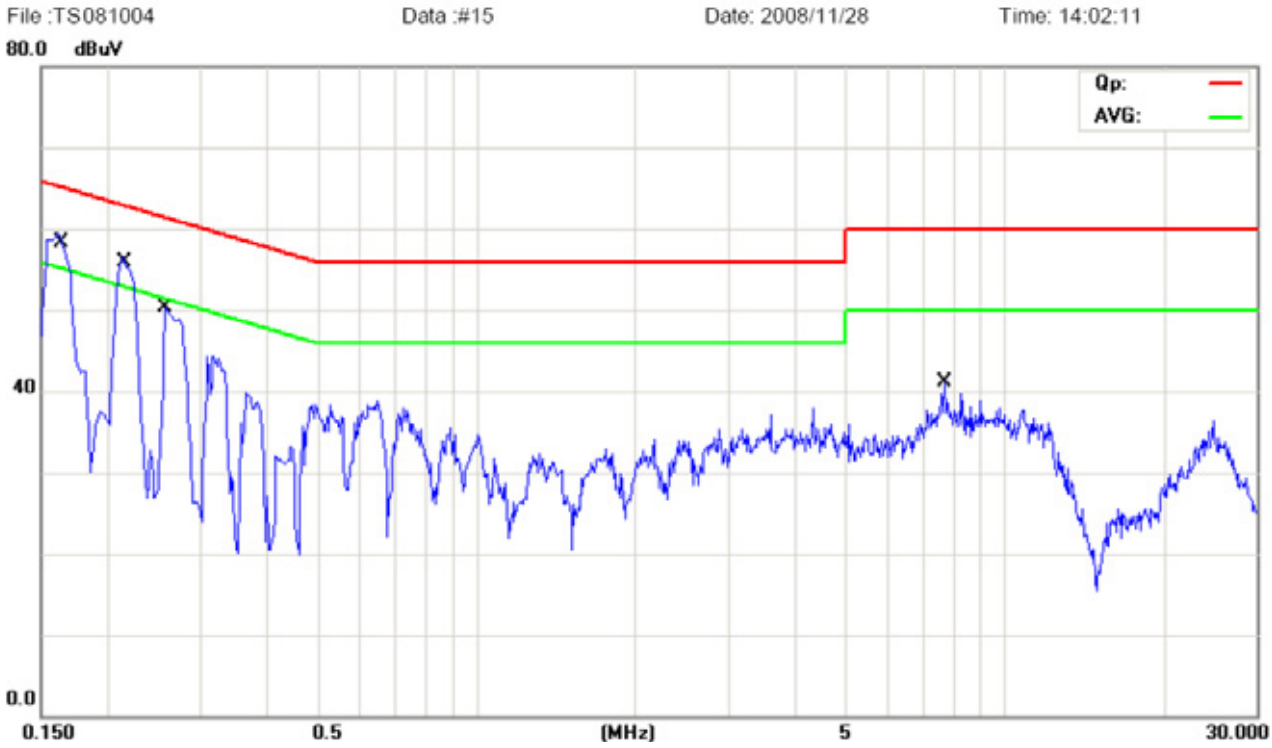
Power Supply Model: ADS-18C-12 1218GPCU

EUT set Condition: Play Memory

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.165	--	--	54.32	47.32	65.17	55.17
0.218	--	--	53.07	46.17	62.89	52.89
0.258	--	--	50.11	43.71	61.48	51.48
7.738	--	--	39.75	33.35	60.00	50.00

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

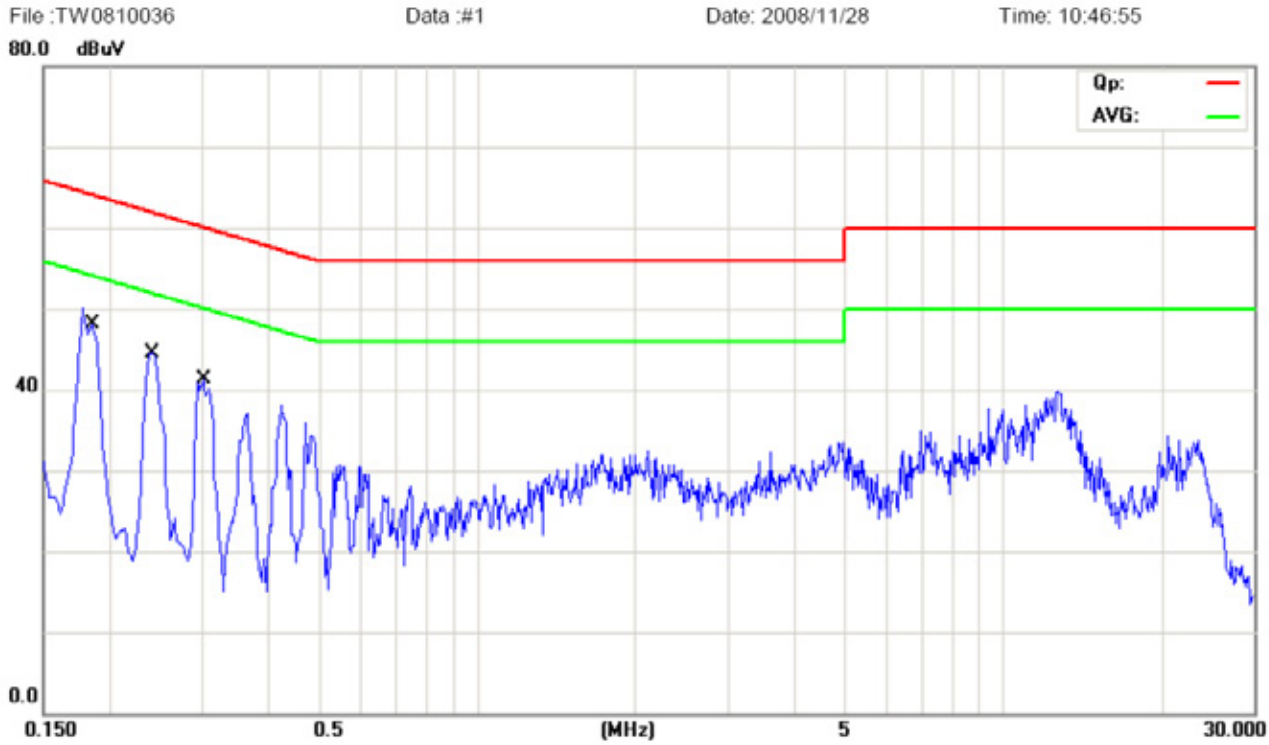
Power Supply Model: XKD-C1500IC12.0-18C-US

EUT set Condition: Memory

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.183	43.53	25.23	--	--	64.35	54.35
0.242	39.50	28.90	--	--	62.00	52.00
0.301	34.26	25.86	--	--	60.20	50.20

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

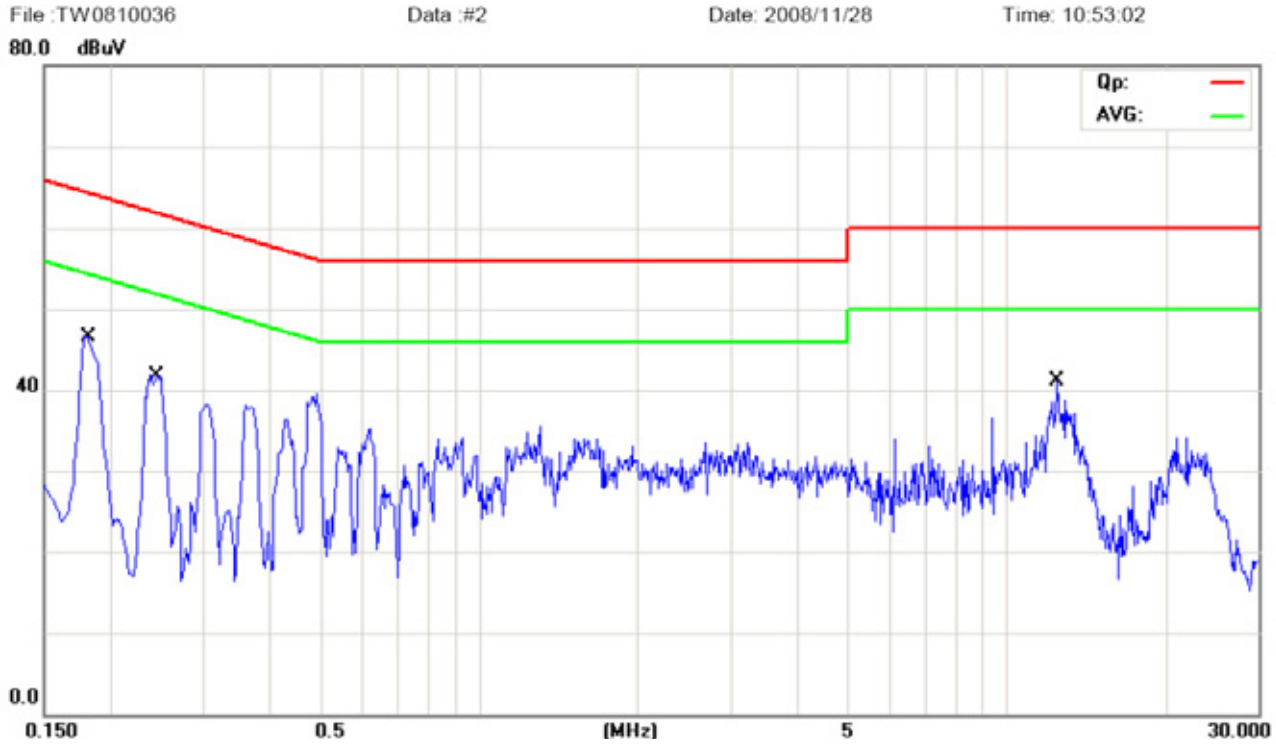
Power Supply Model: XKD-C1500IC12.0-18C-US

EUT set Condition: Memory

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.183	--	--	41.54	35.04	64.33	54.33
0.244	--	--	37.20	33.00	61.95	51.95
12.539	--	--	31.15	21.95	60.00	50.00

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

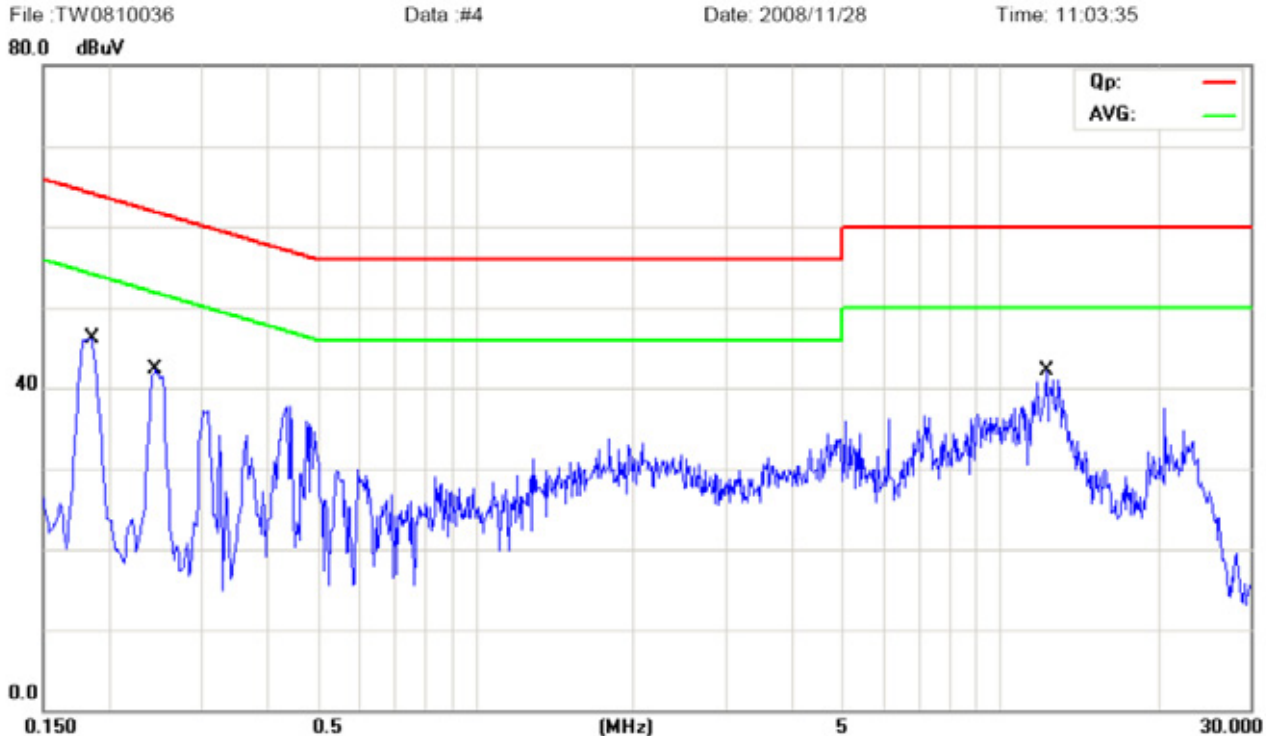
Power Supply Model: XKD-C1500IC12.0-18C-US

EUT set Condition: Playing USB

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.183	40.94	35.44	--	--	64.32	54.32
0.245	37.20	30.30	--	--	61.91	51.91
12.325	33.05	27.55	--	--	60.00	50.00

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

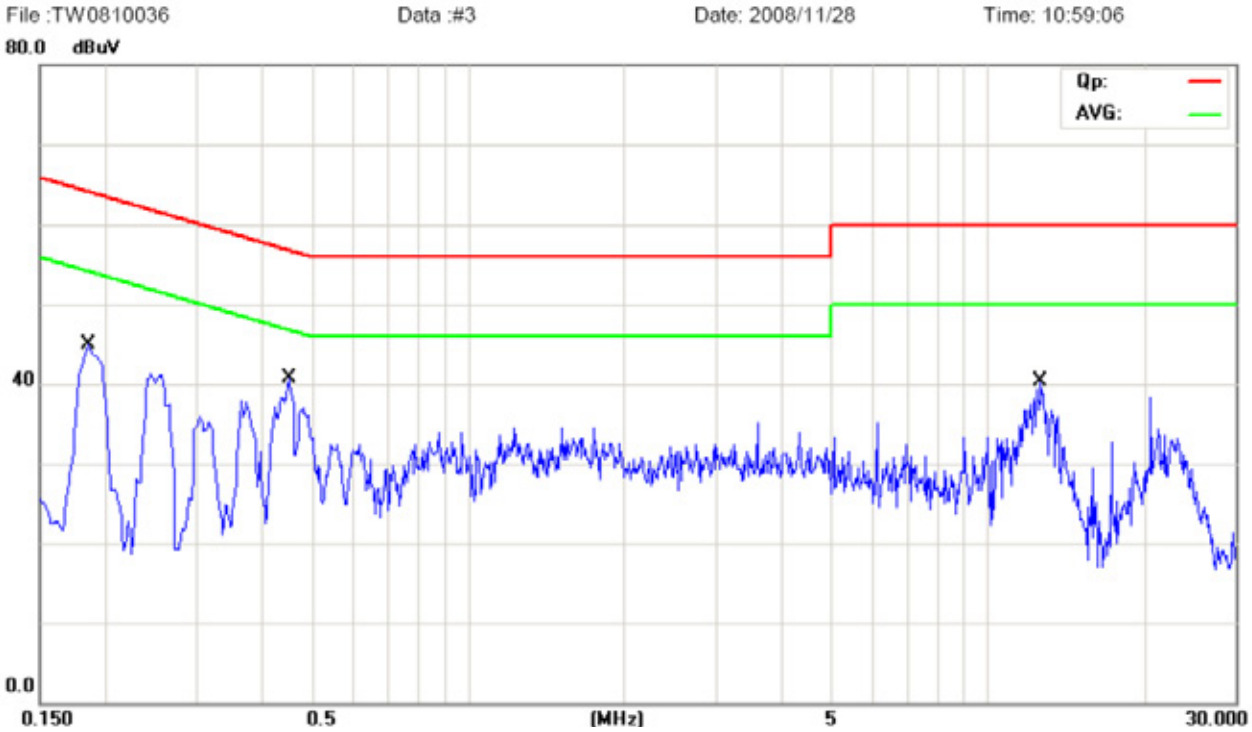
Power Supply Model: XKD-C1500IC12.0-18C-US

EUT set Condition: Playing USB

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.185	--	--	40.94	34.44	64.24	54.24
0.453	--	--	31.82	8.12	56.81	46.81
12.637	--	--	31.25	21.35	60.00	50.00

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

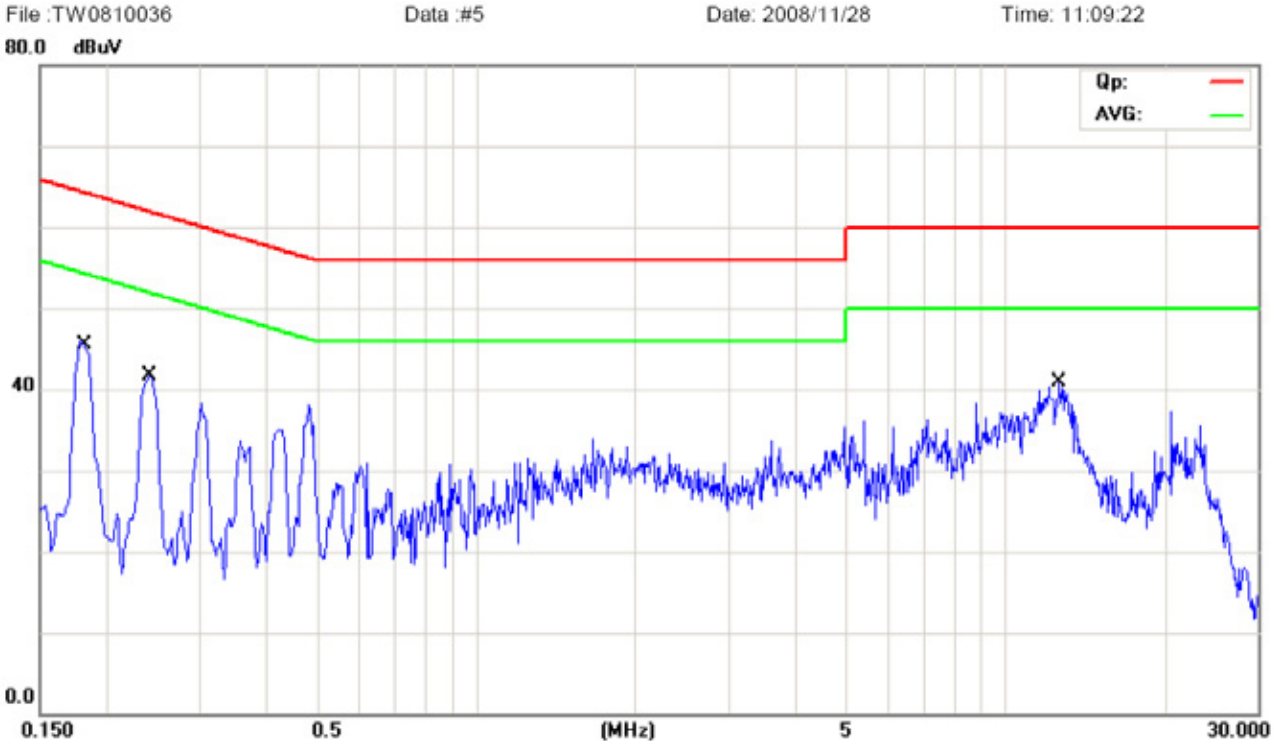
Power Supply Model: XKD-C1500IC12.0-18C-US

EUT set Condition: Playing SD Card

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.183	40.93	35.63	--	--	64.35	54.35
0.242	36.50	30.10	--	--	62.02	52.02
12.663	33.15	27.65	--	--	60.00	50.00

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

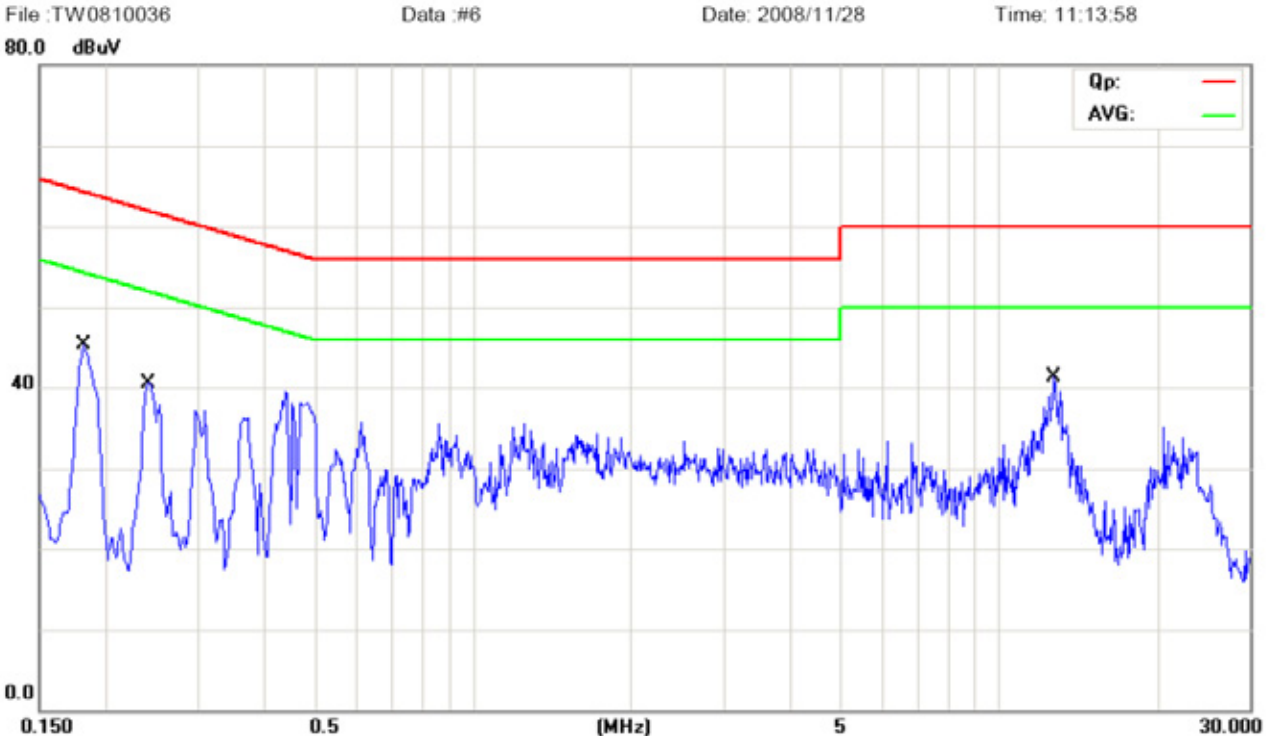
Power Supply Model: XKD-C1500IC12.0-18C-US

EUT set Condition: Playing SD Card

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.181	--	--	39.83	24.53	64.44	54.44
0.243	--	--	34.80	23.80	61.99	51.99
12.755	--	--	31.34	25.74	60.00	50.00

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

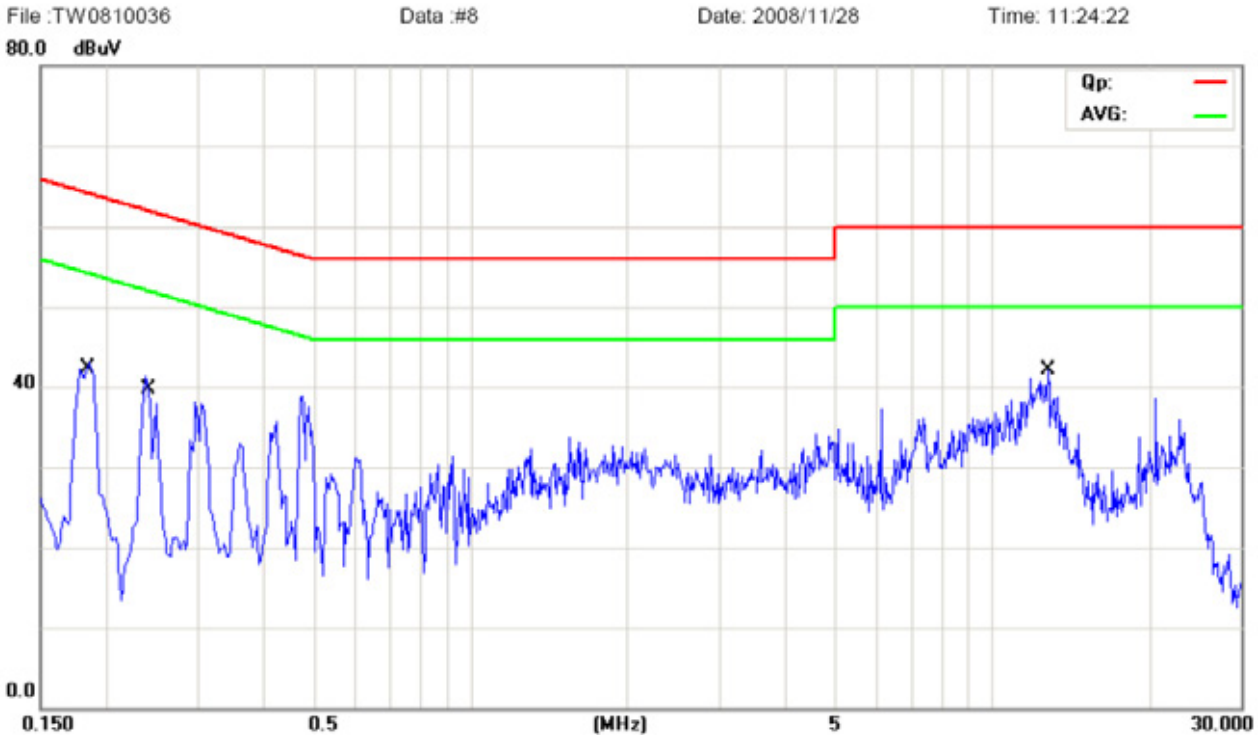
Power Supply Model: XKD-C1500IC12.0-18C-US

EUT set Condition: Playing CF Card

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.182	40.53	35.23	--	--	64.37	54.37
0.243	36.20	29.90	--	--	61.99	51.99
12.852	32.64	27.54	--	--	60.00	50.00

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

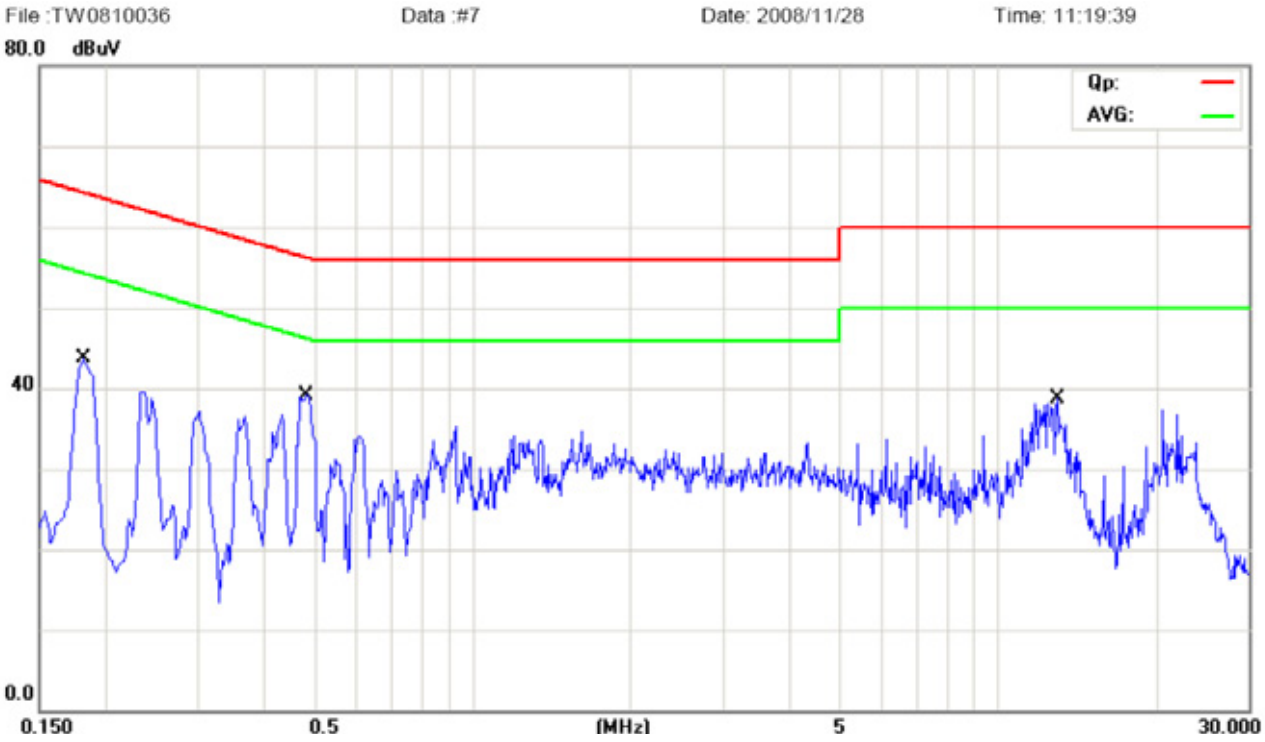
Power Supply Model: XKD-C1500IC12.0-18C-US

EUT set Condition: Playing CF Card

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.183	--	--	39.44	33.94	64.34	54.35
0.488	--	--	33.56	28.26	56.20	46.20
13.044	--	--	30.44	22.14	60.00	50.00

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

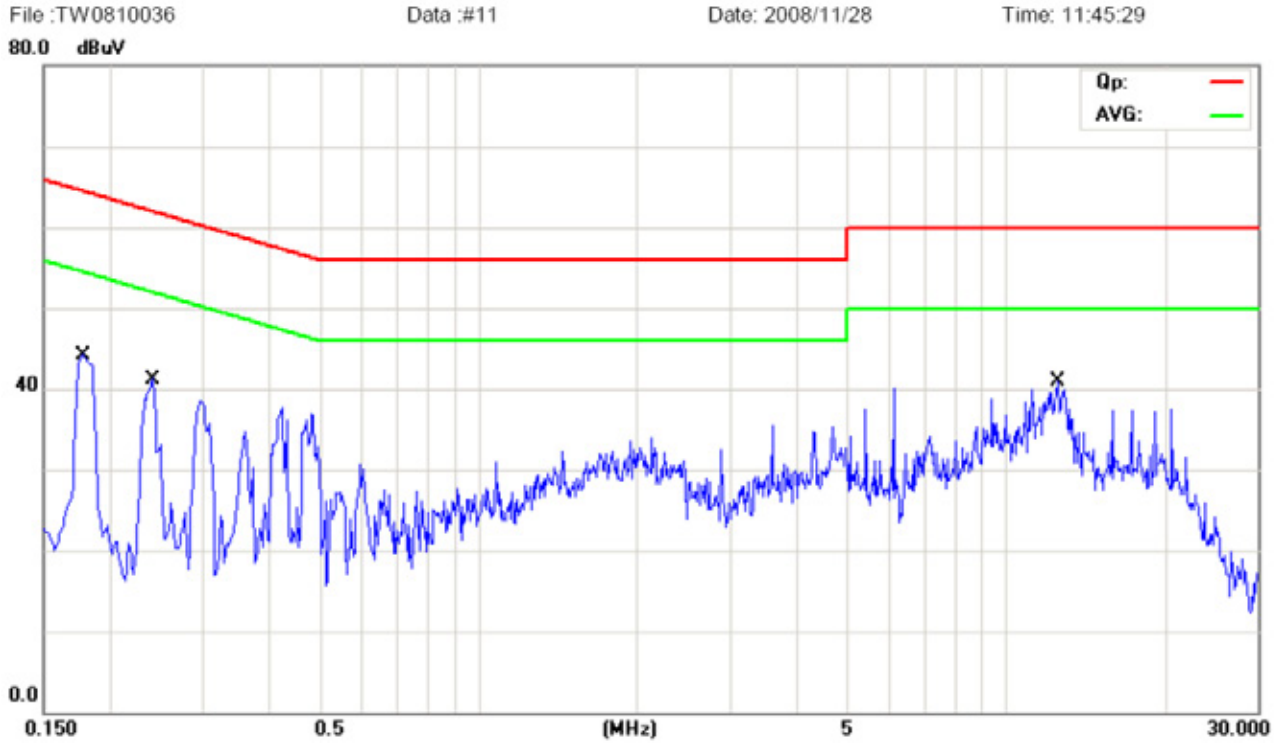
Power Supply Model: XKD-C1500IC12.0-18C-US

EUT set Condition: Connected to PC

Working Voltage: 120V~ 60Hz

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.179	39.53	25.83	--	--	64.50	54.50
0.240	36.20	30.10	--	--	62.08	52.08
12.532	33.15	27.35	--	--	60.00	50.00

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

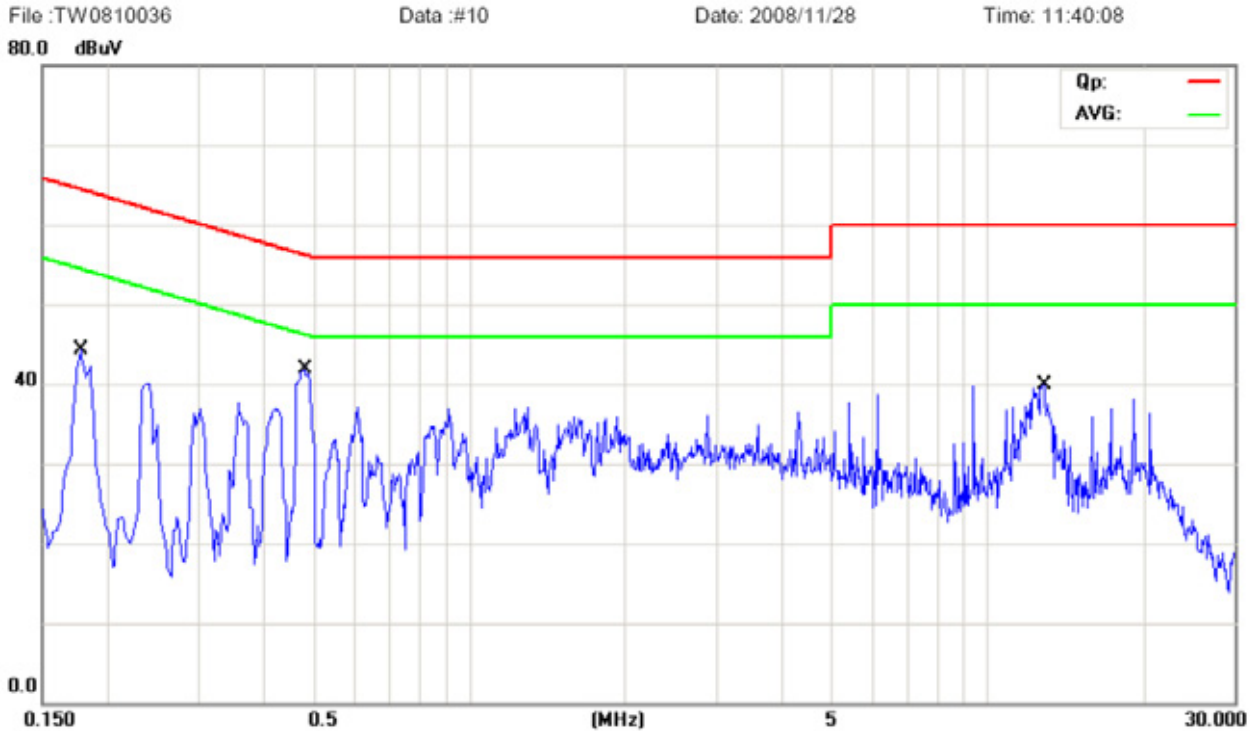
Power Supply Model: XKD-C1500IC12.0-18C-US

EUT set Condition: Connected to PC

Working Voltage: 120V~ 60Hz

Results: **Pass**

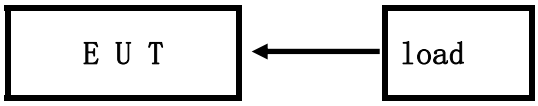
Please refer to following diagram for individual



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.179	--	--	39.33	27.13	64.52	54.52
0.481	--	--	37.85	29.95	56.31	46.31
12.880	--	--	31.64	23.34	60.00	50.00

5.0 Radiated Disturbance Test

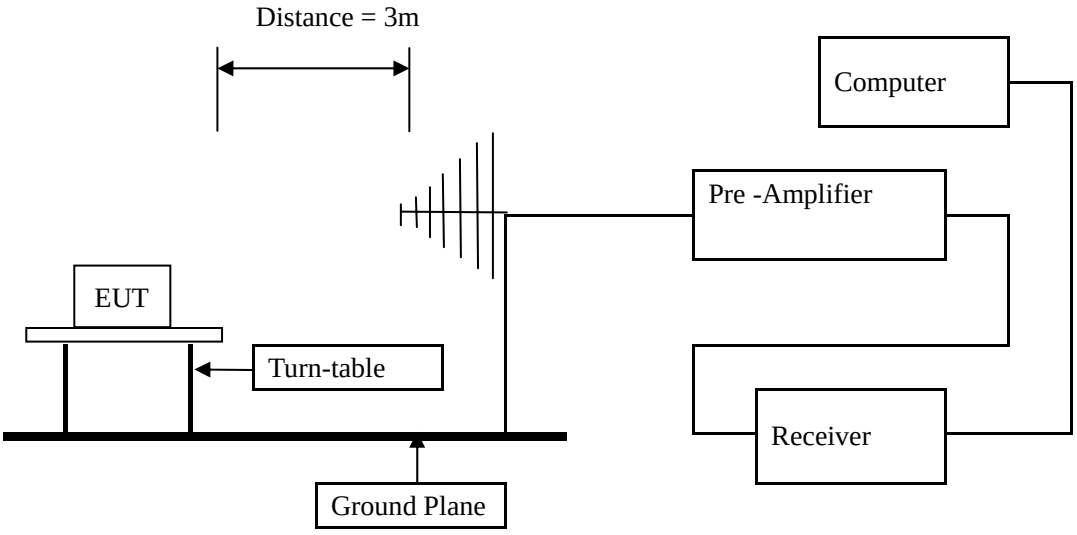
5.1 Schematics of the test

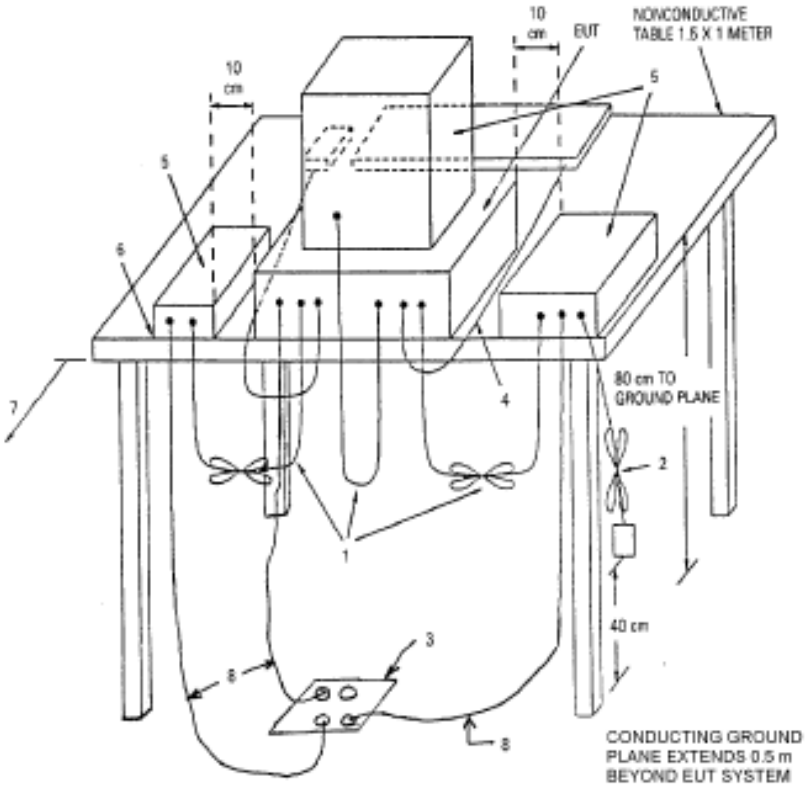


5.2 Test Method and test Procedure:

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

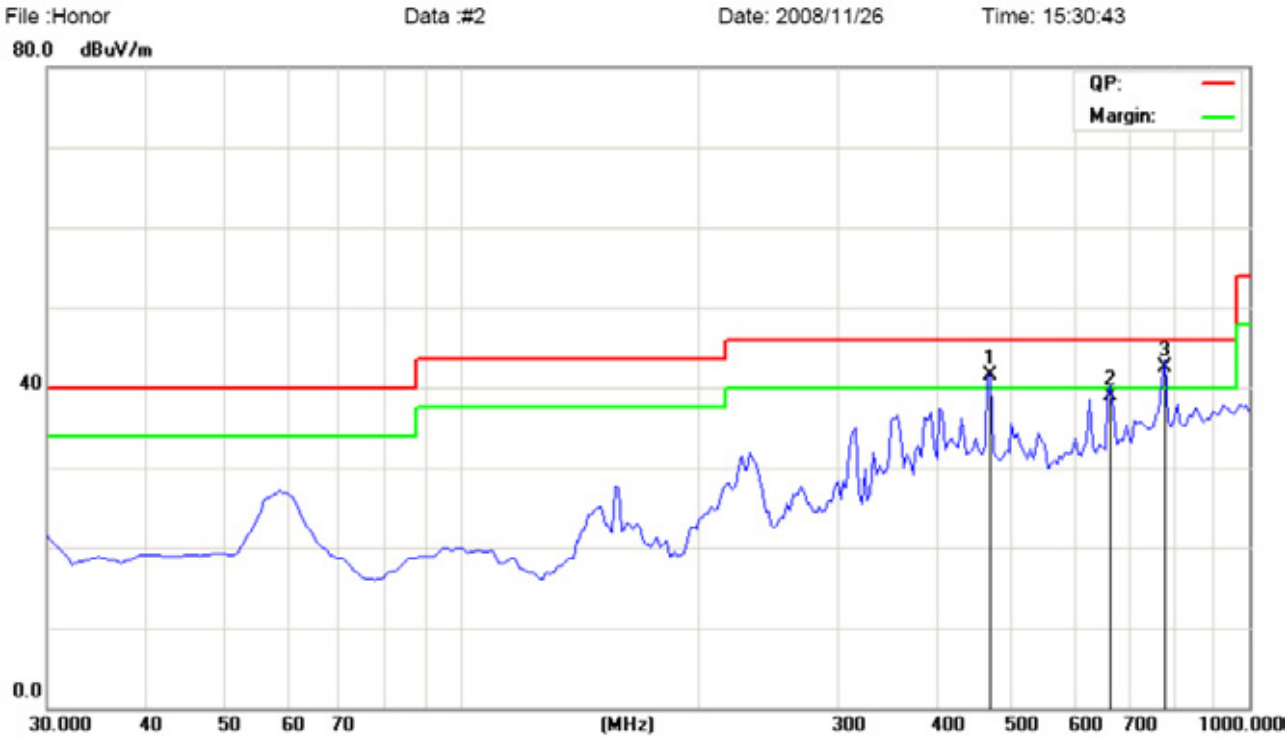
Note: The lower limit shall apply at the transition frequencies

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.

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

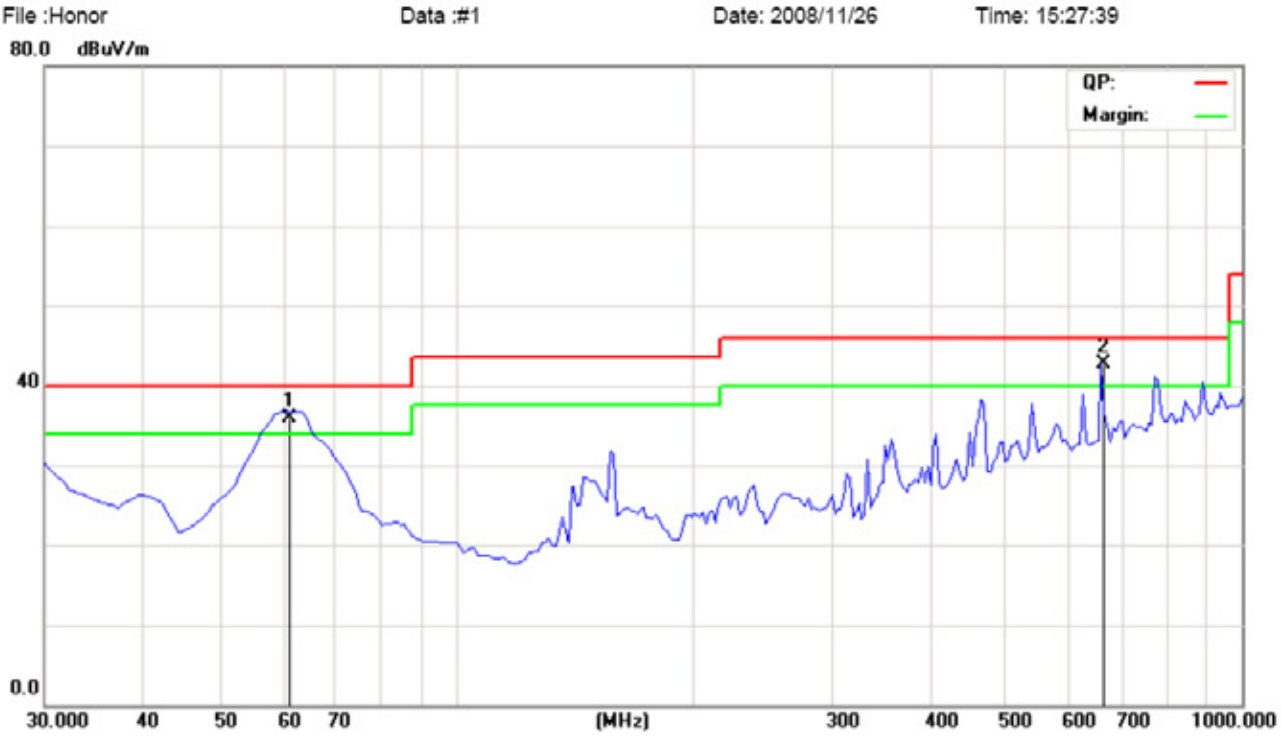
Power Supply Model: ADS-18C-12 1218GPCU
EUT set Condition: Connected to PC
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
467.925	41.46	H	46.00
667.755	38.81	H	46.00
778.750	42.48	H	46.00

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

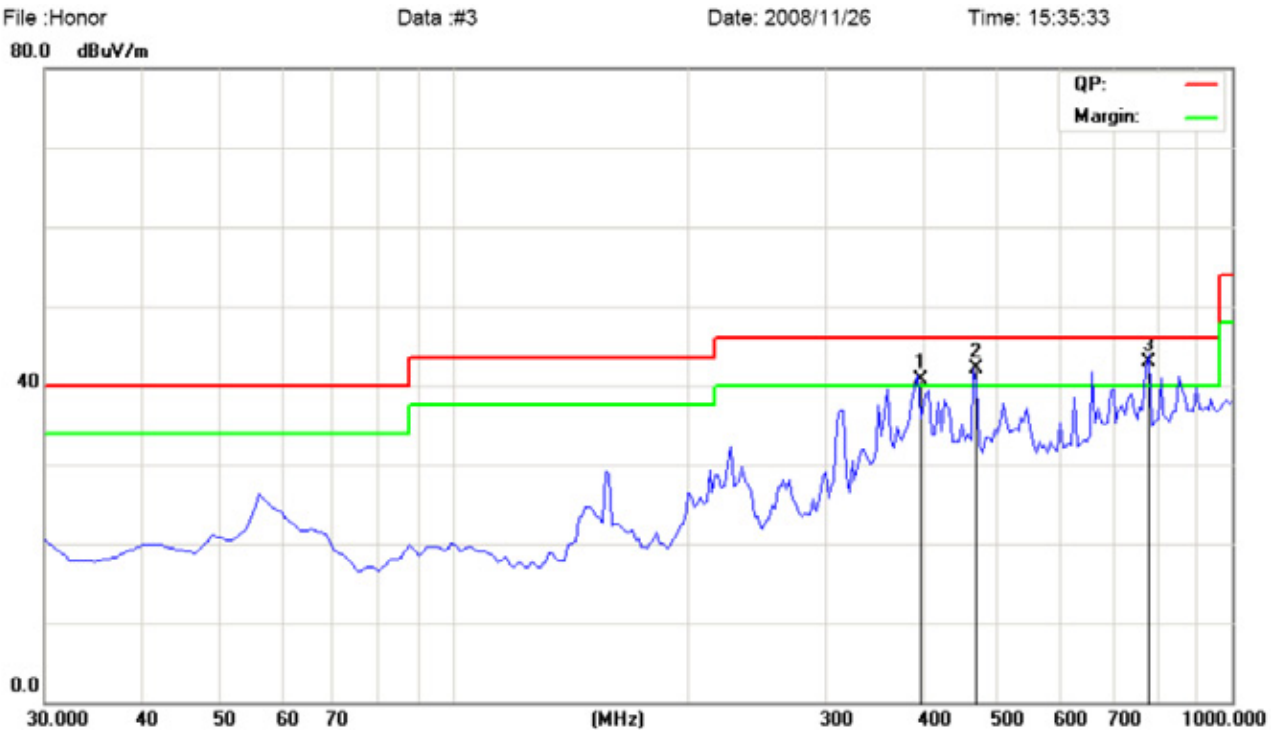
Power Supply Model: ADS-18C-12 1218GPCU
EUT set Condition: Connected to PC
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
61.525	35.98	V	40.00
667.775	42.71	V	46.00

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

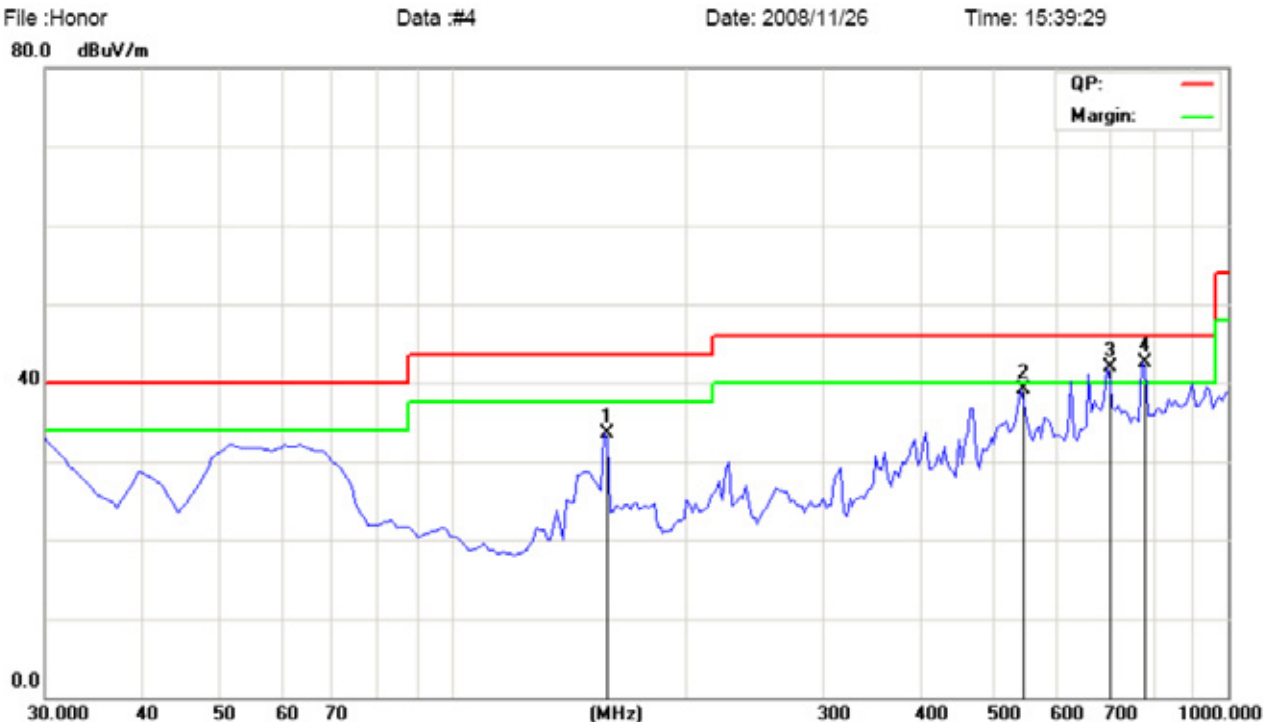
Power Supply Model: ADS-18C-12 1218GPCU
EUT set Condition: Memory
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
396.175	40.62	H	46.00
467.925	42.07	H	46.00
778.340	42.98	H	46.00

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

Power Supply Model: ADS-18C-12 1218GPCU
EUT set Condition: Memory
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
158.525	33.47	V	43.50
541.675	39.19	V	46.00
704.150	42.00	V	46.00
778.750	42.55	V	46.00

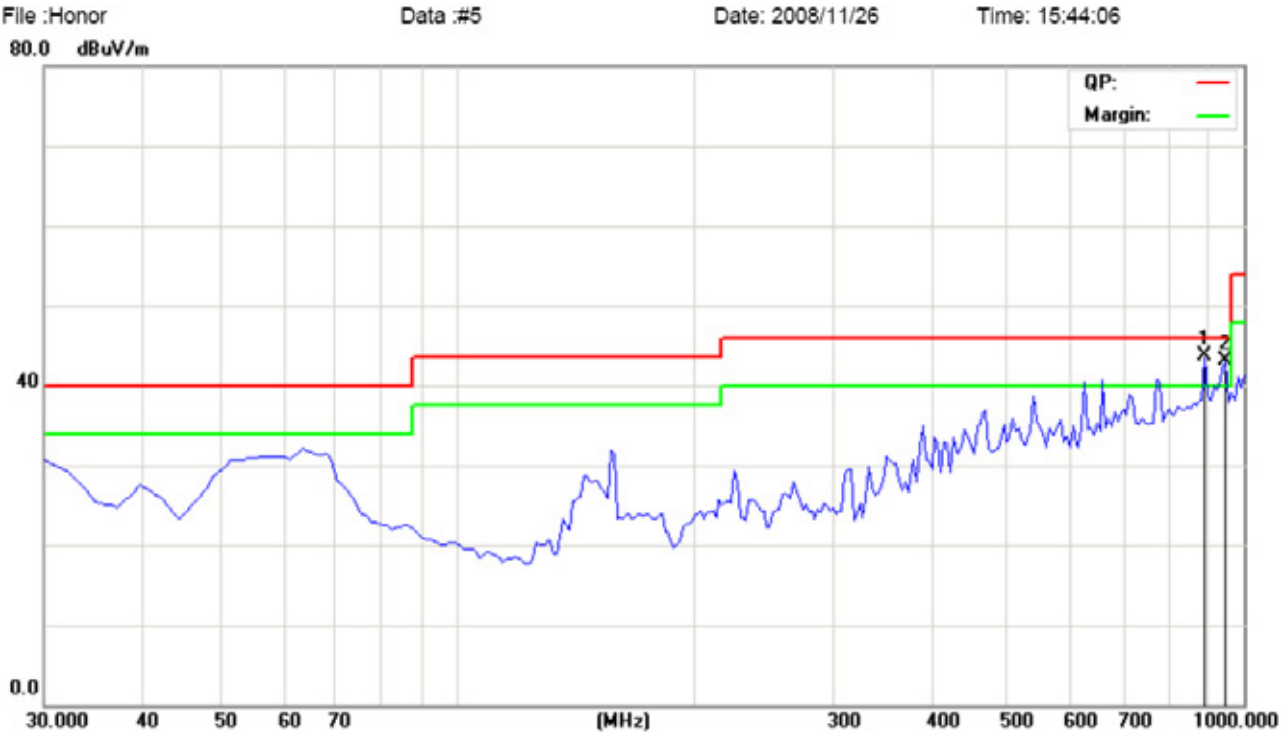
Radiated Disturbance In Horizontal (30MHz----1000MHz)

Power Supply Model: ADS-18C-12 1218GPCU
EUT set Condition: Play SD
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test

Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
406.300	41.64	H	46.00
778.750	43.21	H	46.00
839.950	41.27	H	46.00
900.575	41.61	H	46.00

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

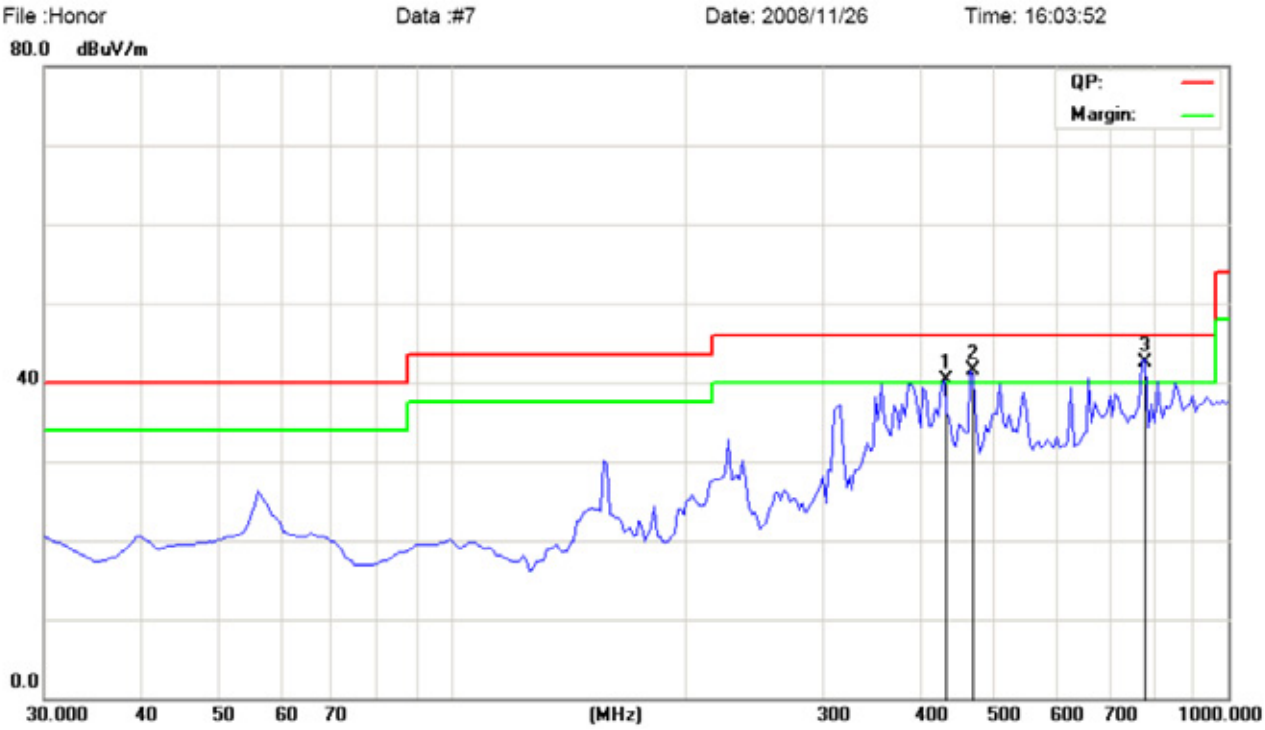
Power Supply Model: ADS-18C-12 1218GPCU
EUT set Condition: Play SD
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
891.822	43.78	V	46.00
947.658	43.16	V	46.00

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

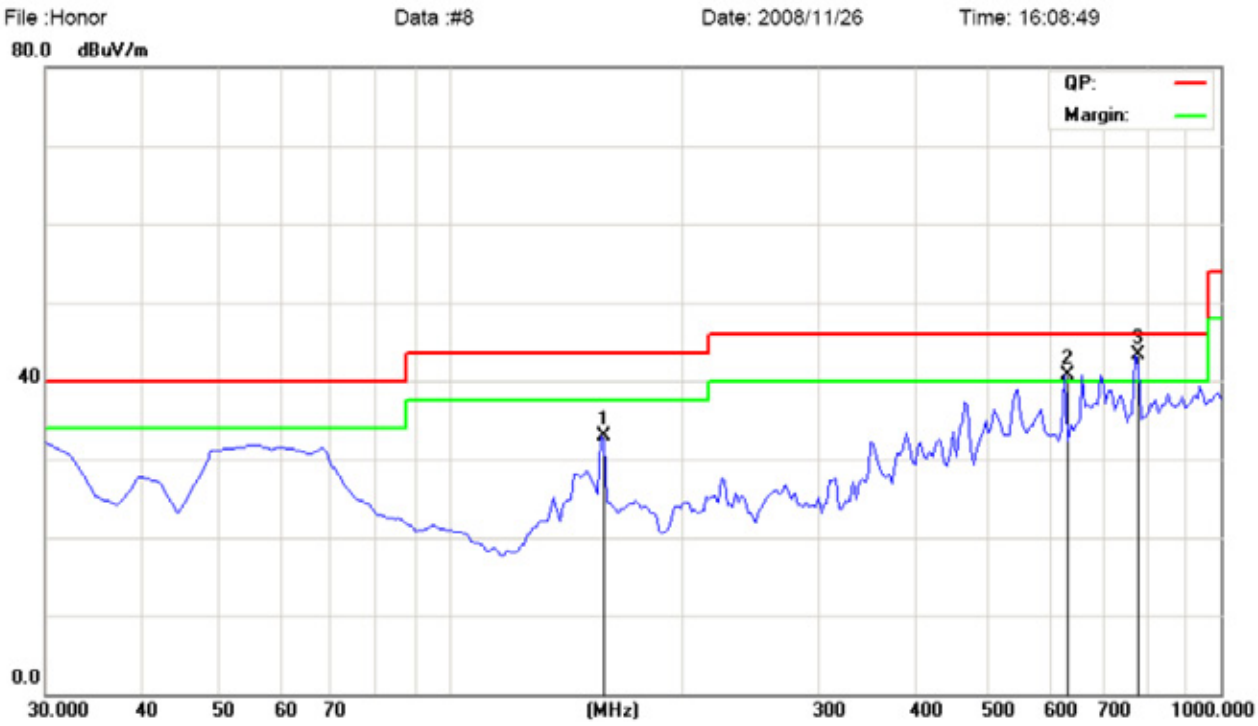
Power Supply Model: ADS-18C-12 1218GPCU
EUT set Condition: Play CF
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
432.550	40.30	H	46.00
467.925	41.49	H	46.00
778.590	42.51	H	46.00

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

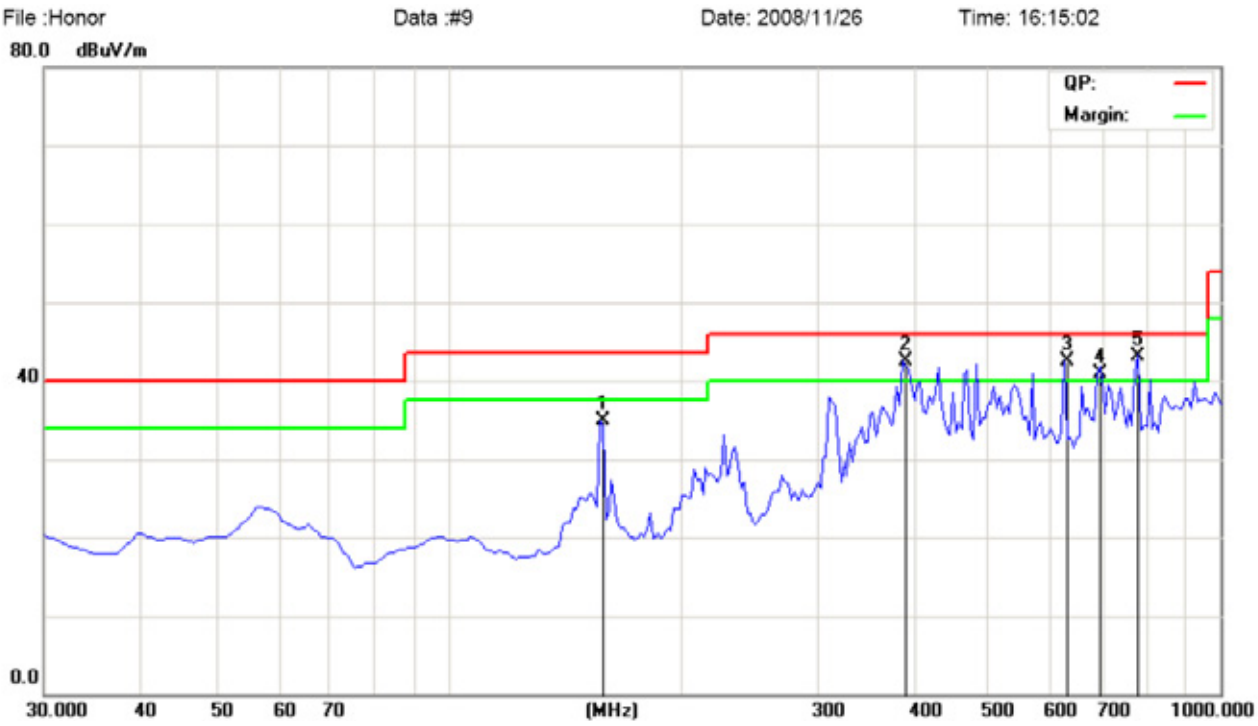
Power Supply Model: ADS-18C-12 1218GPCU
EUT set Condition: Play CF
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
158.525	32.83	V	43.50
630.400	40.73	V	46.00
778.750	43.36	V	46.00

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

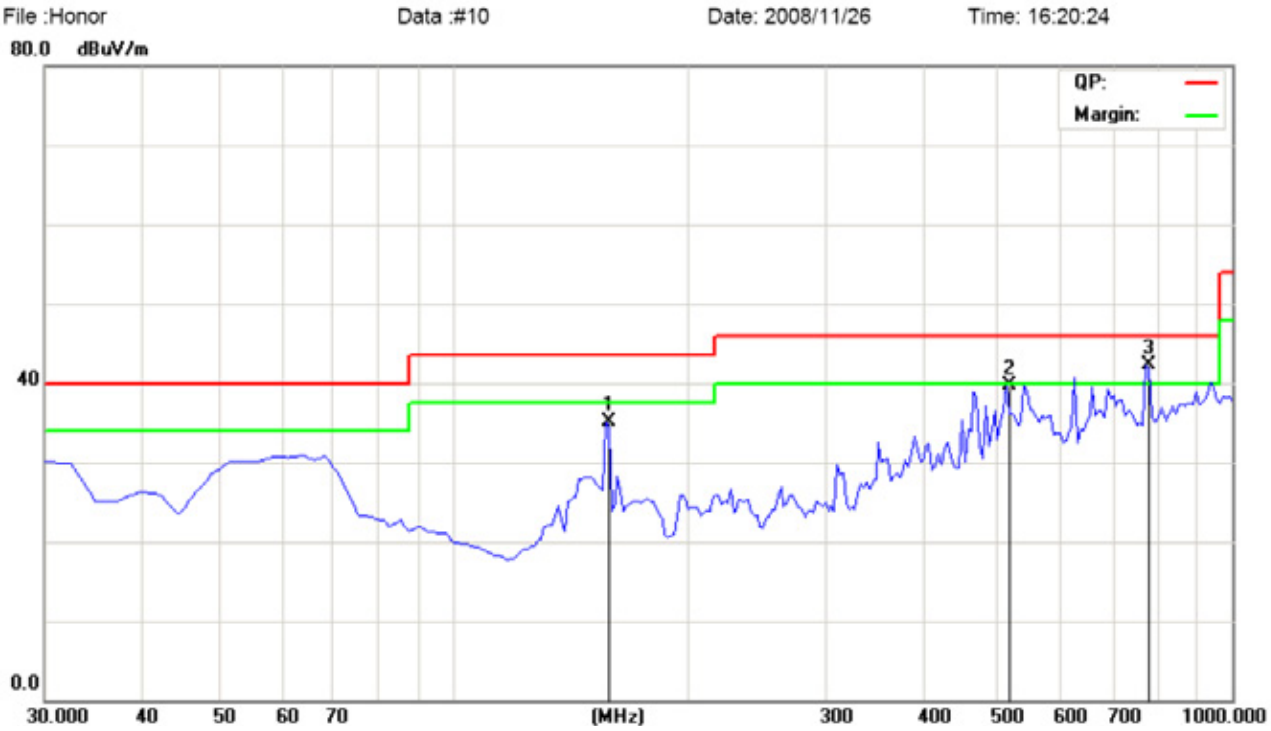
Power Supply Model: ADS-18C-12 1218GPCU
EUT set Condition: Play USB
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
158.525	34.95	H	43.50
388.900	42.49	H	46.00
630.400	42.46	H	46.00
692.376	40.87	H	46.00
778.350	43.09	H	46.00

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

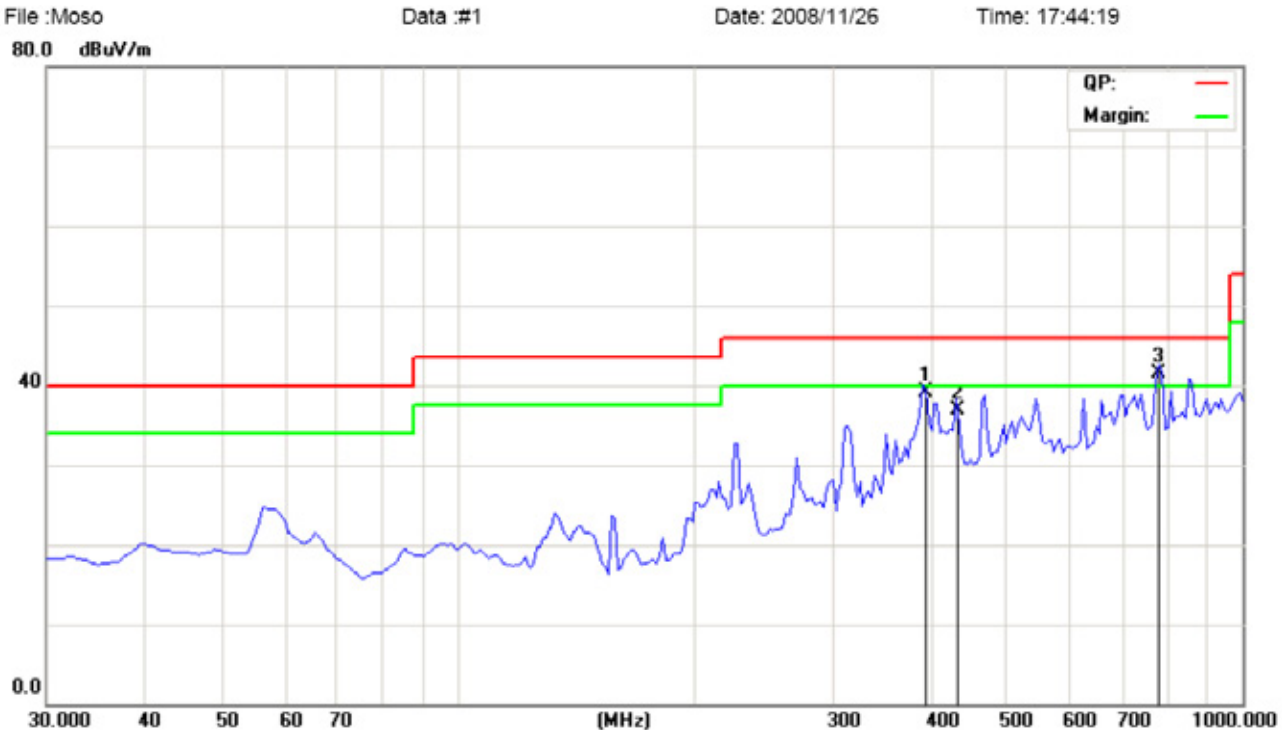
Power Supply Model: ADS-18C-12 1218GPCU
EUT set Condition: Play USB
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
158.525	35.13	V	43.50
517.425	39.61	V	46.00
781.750	42.39	V	46.00

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

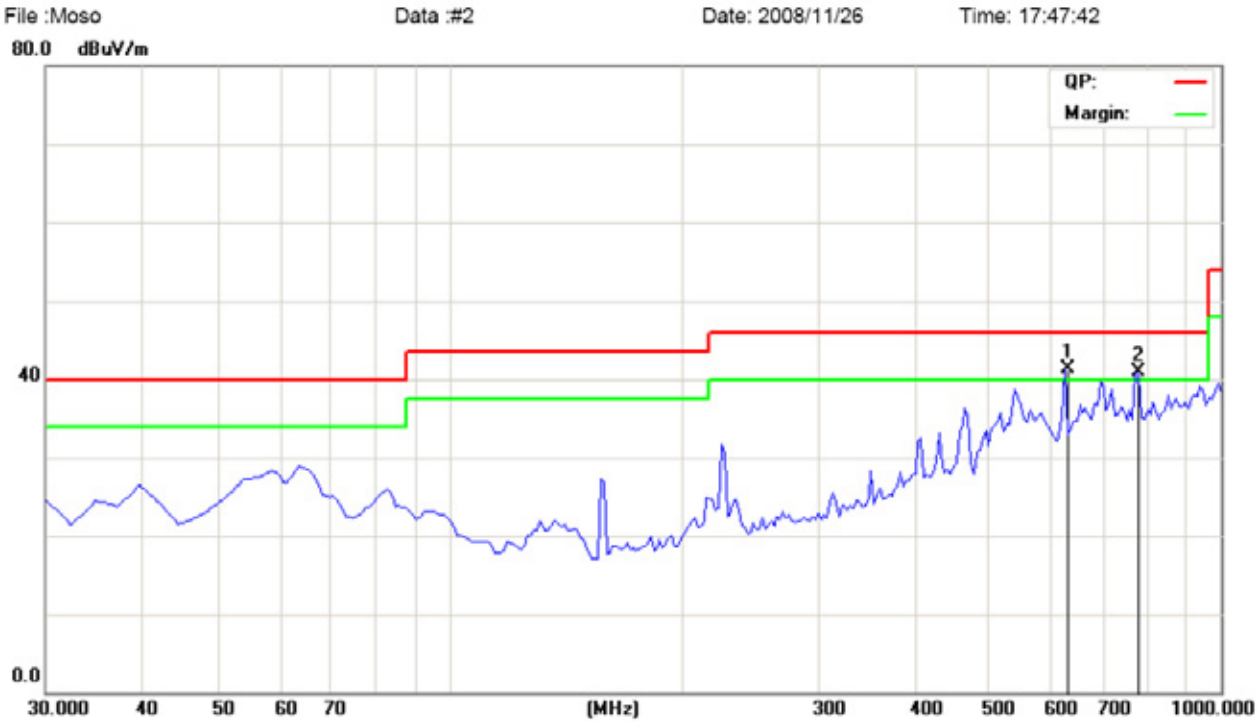
Power Supply Model: XKD-C1500IC12.0-18C-US
EUT set Condition: Memory
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
393.750	39.08	H	46.00
432.550	36.81	H	46.00
778.750	41.47	H	46.00

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

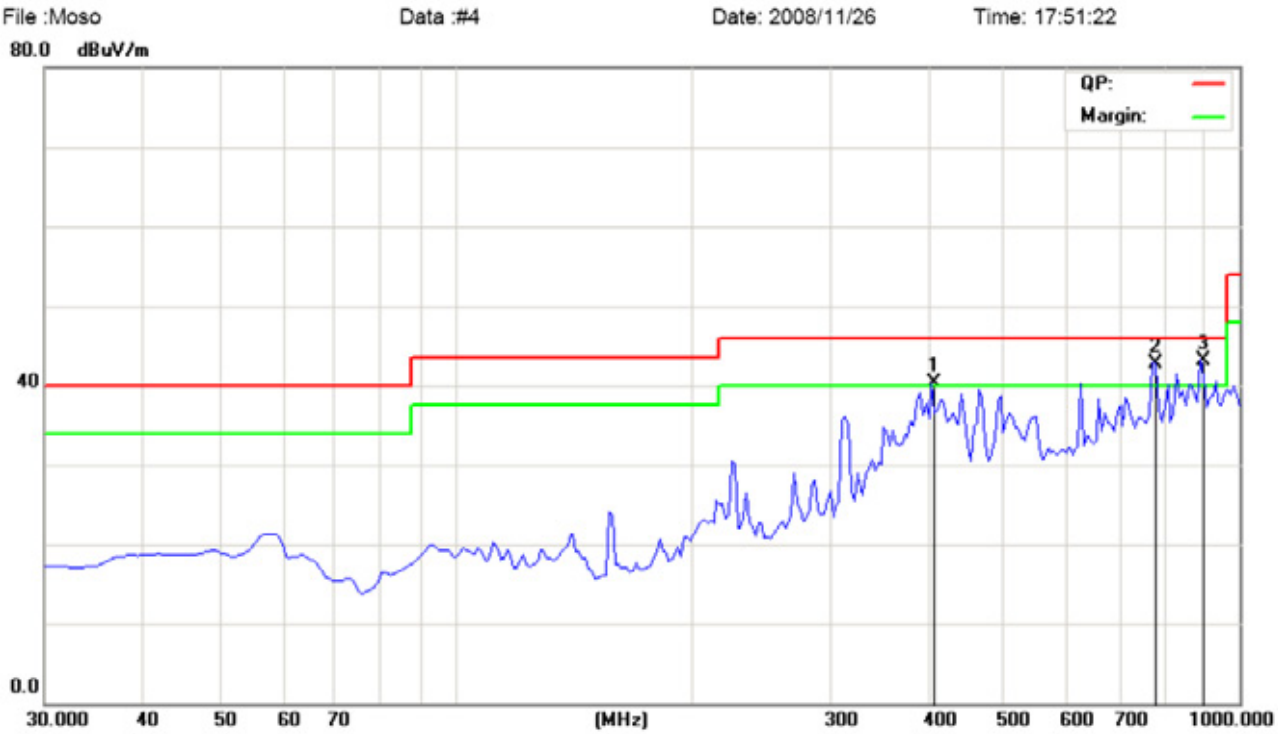
Power Supply Model: XKD-C1500IC12.0-18C-US
EUT set Condition: Memory
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
633.825	41.29	V	46.00
778.750	40.95	V	46.00

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

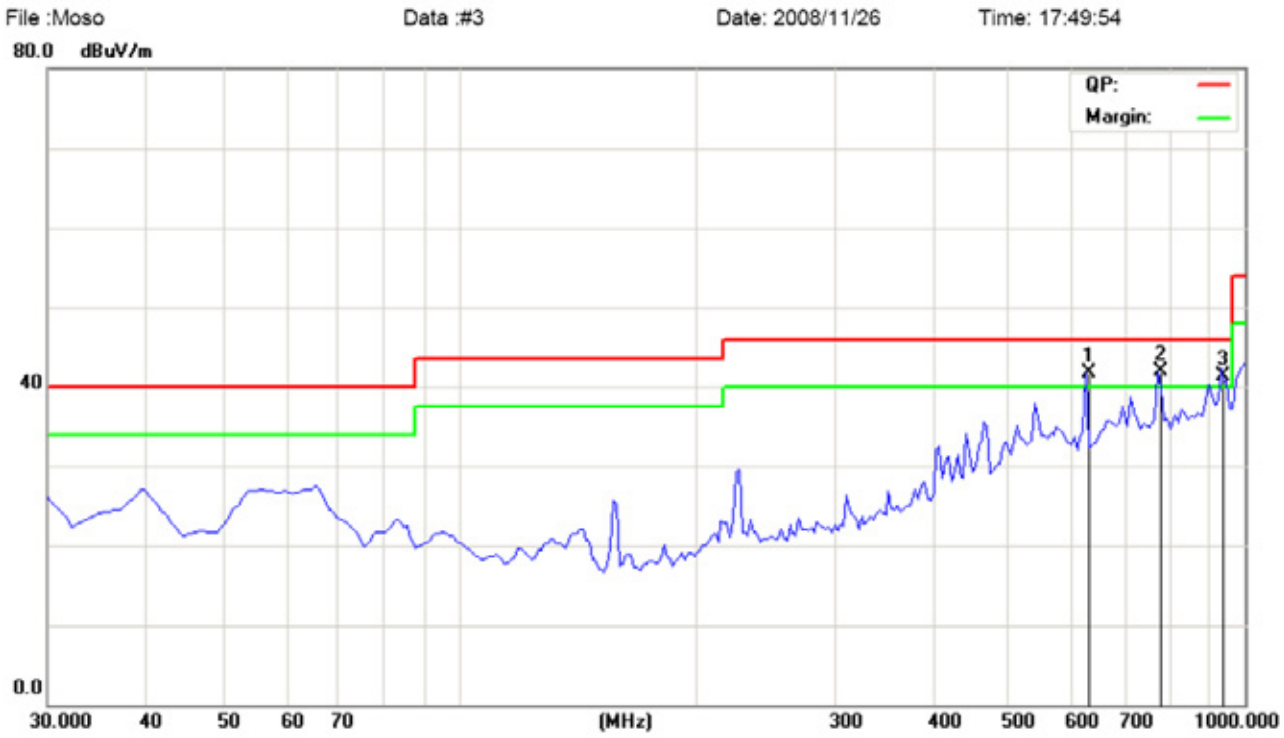
Power Supply Model: XKD-C1500IC12.0-18C-US
EUT set Condition: Play SD
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
408.300	40.27	H	46.00
778.750	42.75	H	46.00
895.725	43.14	H	46.00

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

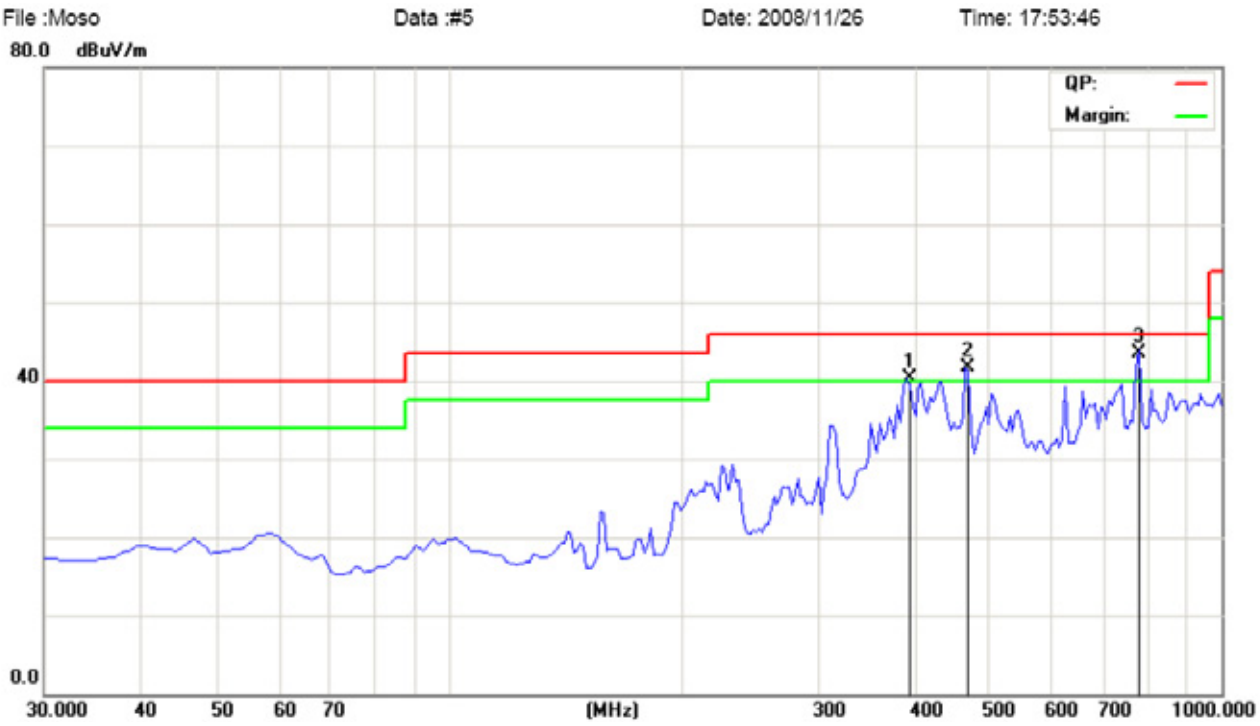
Power Supply Model: XKD-C1500IC12.0-18C-US
EUT set Condition: Play SD
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
631.400	41.80	V	46.00
778.750	41.86	V	46.00
939.375	41.32	V	46.00

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

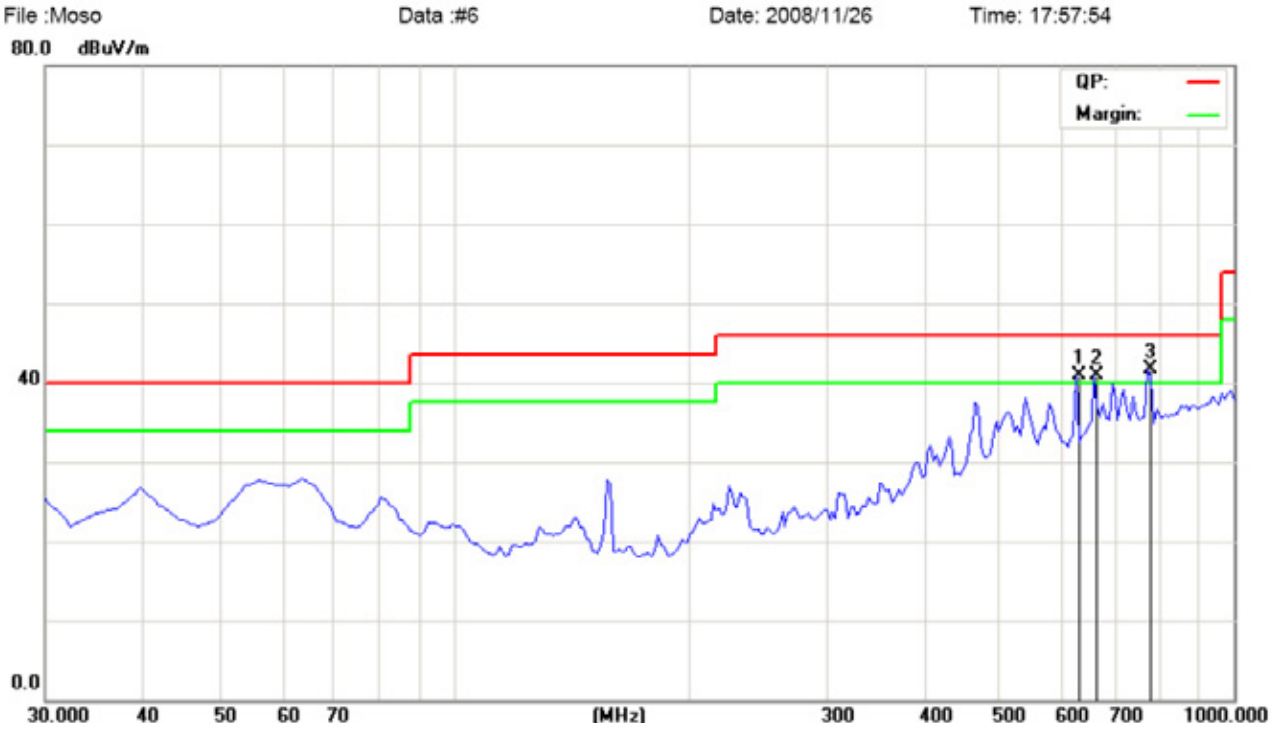
Power Supply Model: XKD-C1500IC12.0-18C-US
EUT set Condition: Play CF
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
393.750	40.26	H	46.00
468.925	41.67	H	46.00
778.750	43.41	H	46.00

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

Power Supply Model: XKD-C1500IC12.0-18C-US
EUT set Condition: Play CF
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
63.825	40.97	V	46.00
665.350	40.83	V	46.00
778.750	41.61	V	46.00

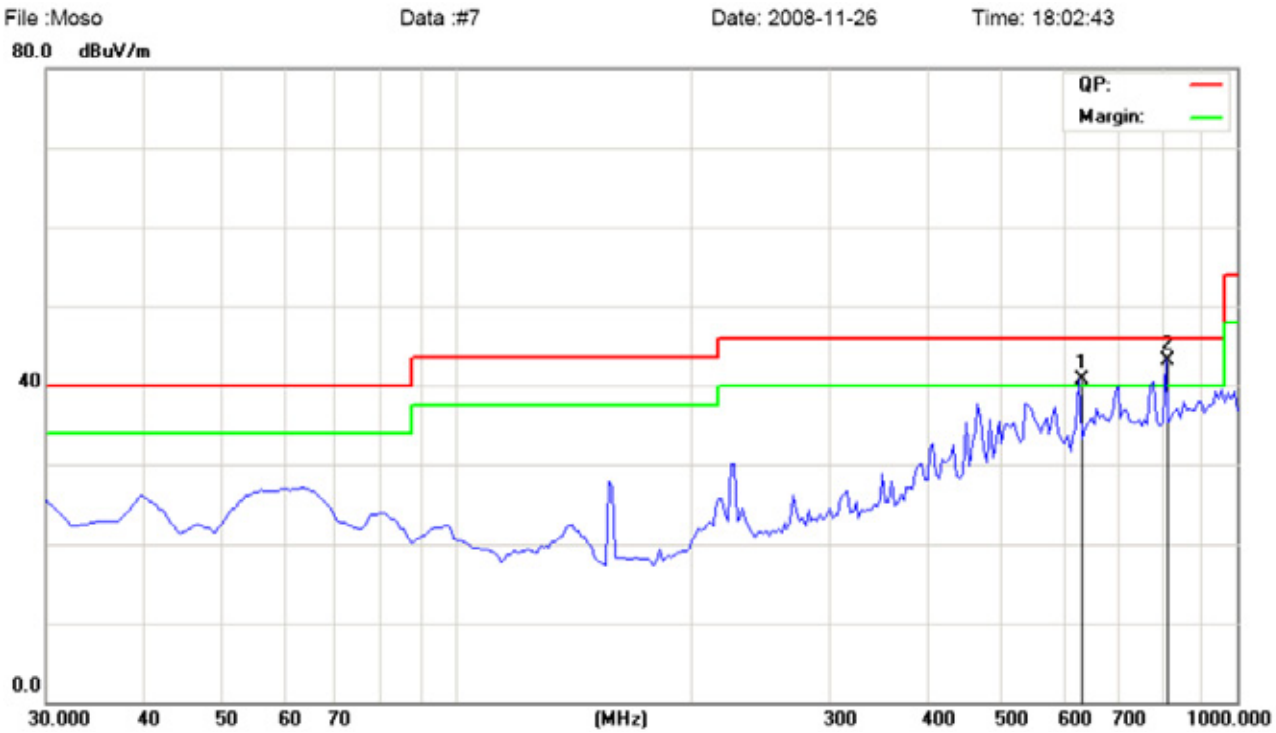
Radiated Disturbance In Horizontal (30MHz----1000MHz)

Power Supply Model: XKD-C1500IC12.0-18C-US
EUT set Condition: Playing SD Card
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test

Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
396.175	40.13	H	47.00
467.925	40.83	H	47.00
778.750	44.21	H	47.00

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

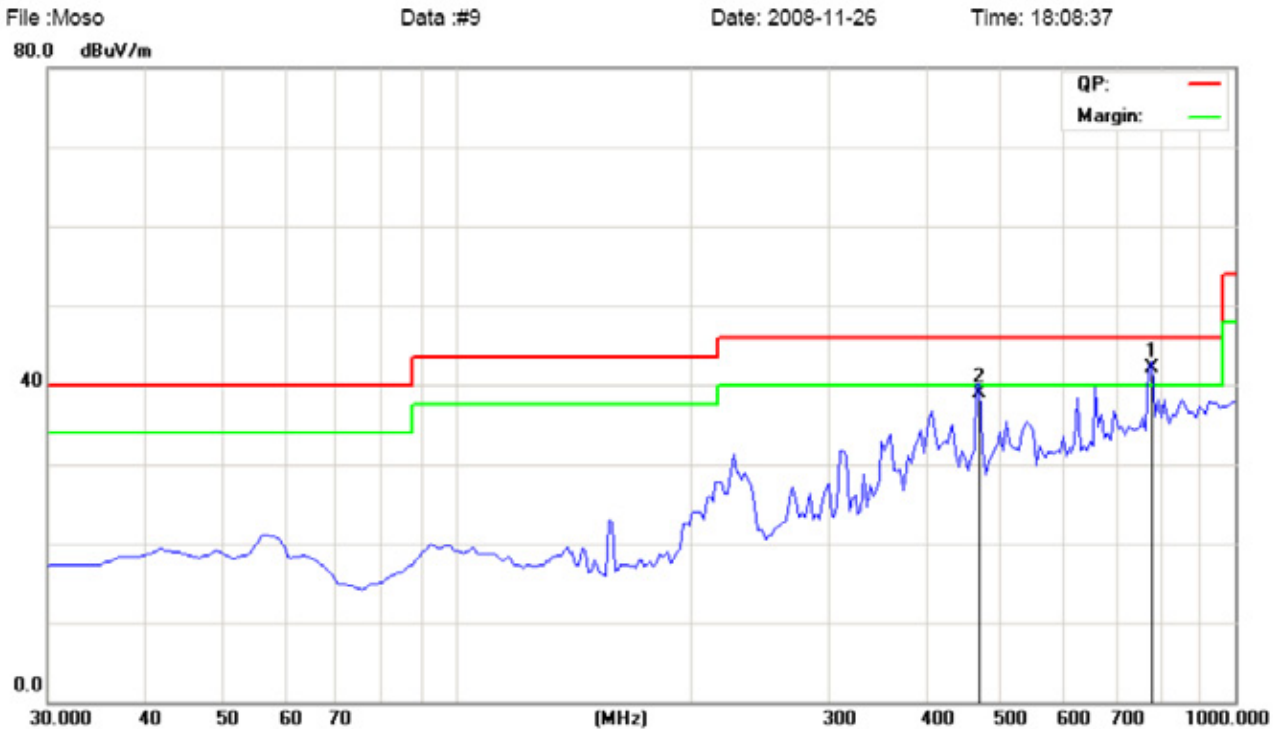
Power Supply Model: XKD-C1500IC12.0-18C-US
EUT set Condition: Playing SD Card
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
631.400	40.70	V	46.00
813.275	43.20	V	46.00

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

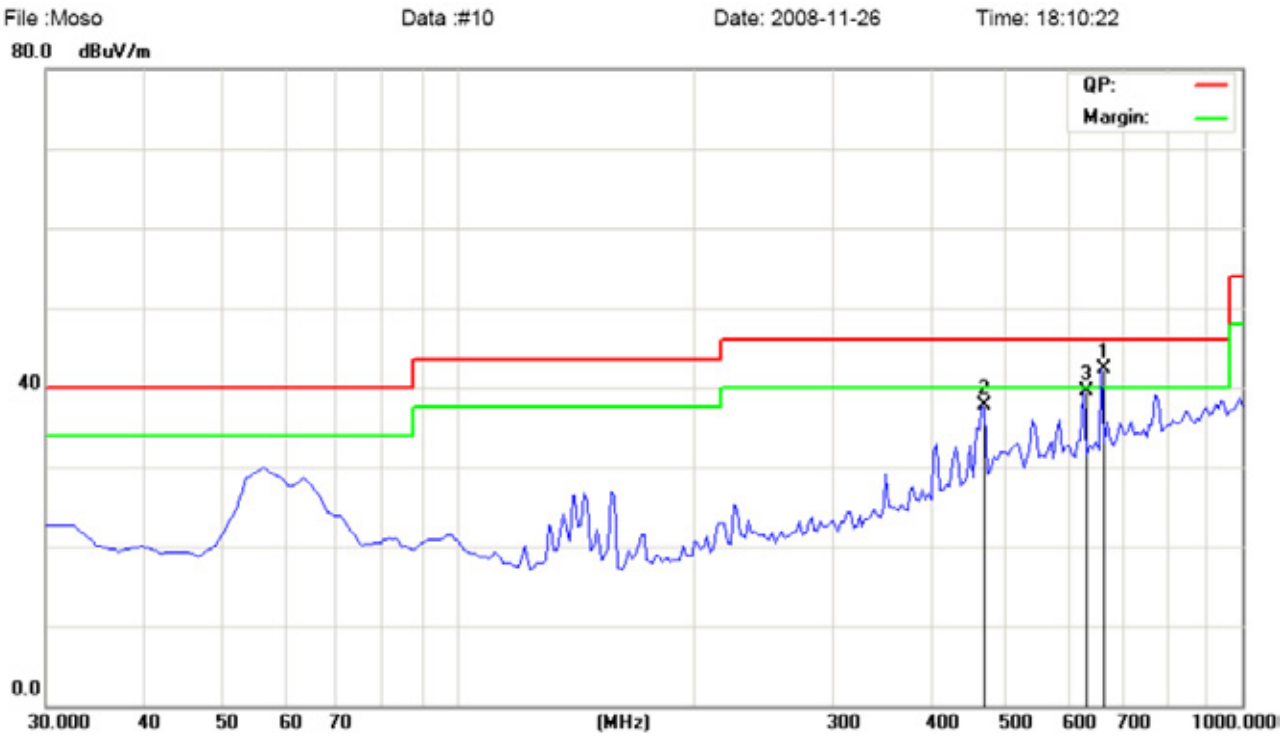
Power Supply Model: XKD-C1500IC12.0-18C-US
EUT set Condition: Connected to PC
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
778.750	42.17	H	46.00
468.925	38.91	H	46.00

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

Power Supply Model: XKD-C1500IC12.0-18C-US
EUT set Condition: Connected to PC
Level: **Class B**
Results: **PASS**
Please refer to following diagram for individual
Picture of the test



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
667.775	42.38	V	46.00
468.925	37.63	V	46.00
631.400	39.59	V	46.00

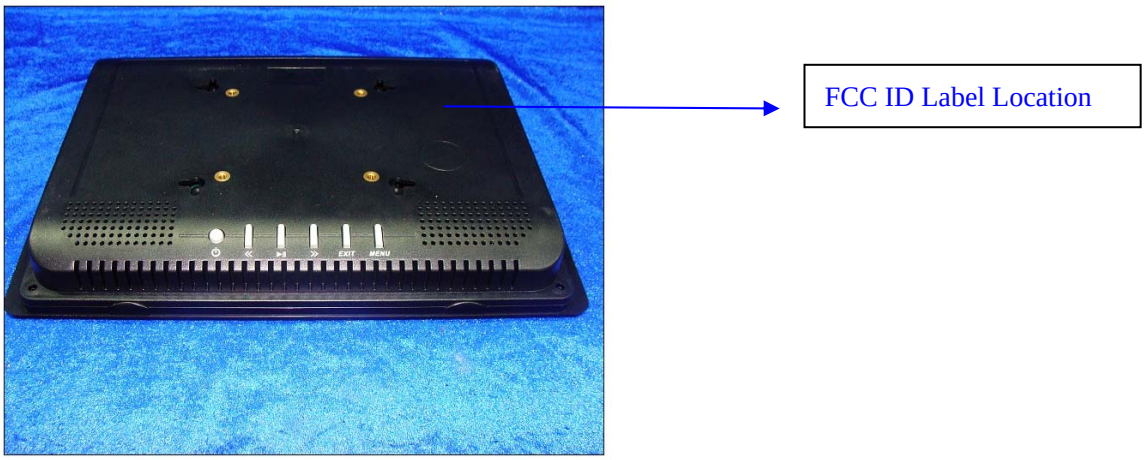
6.0 FCC ID Label

FCC ID: **V37-6210D10W**

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:



7.0 **Photo of testing**

7.1 Conducted test View—

7.2 Radiated emission test view--

7.3 Photo for the EUT

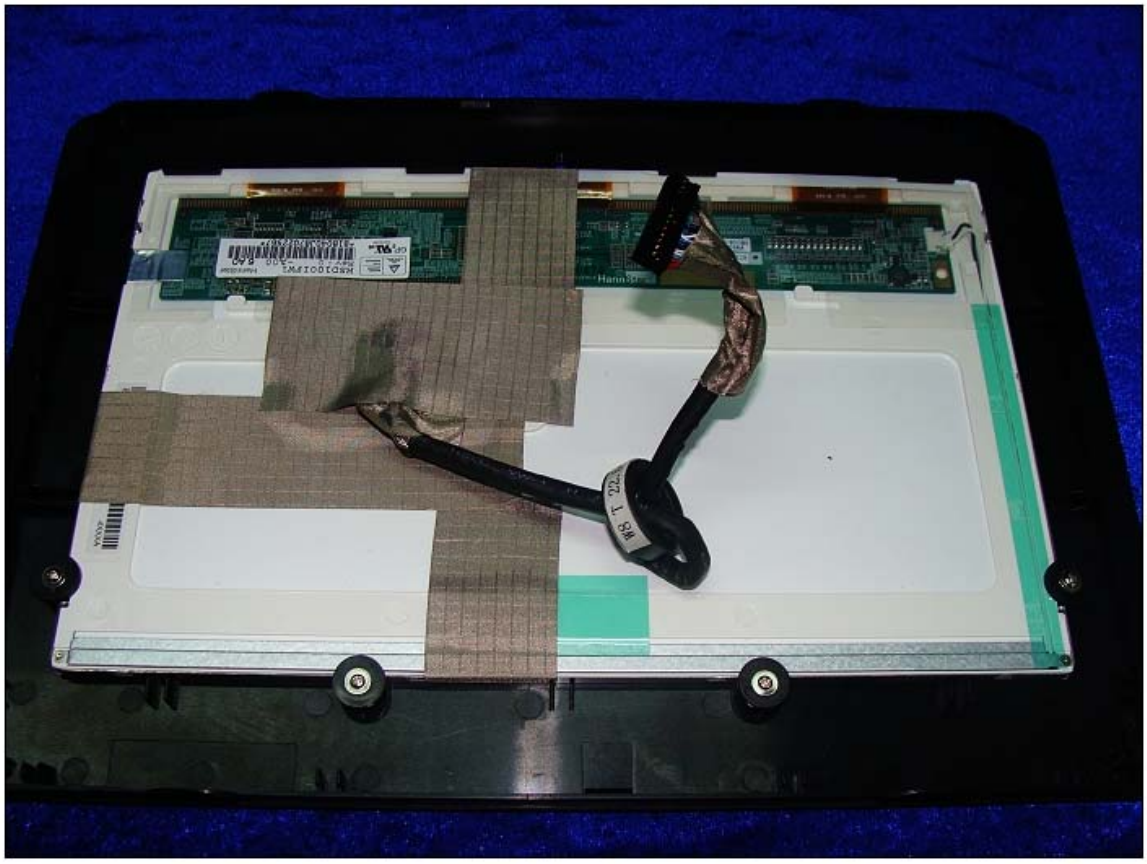
Front View

Back View

Side View

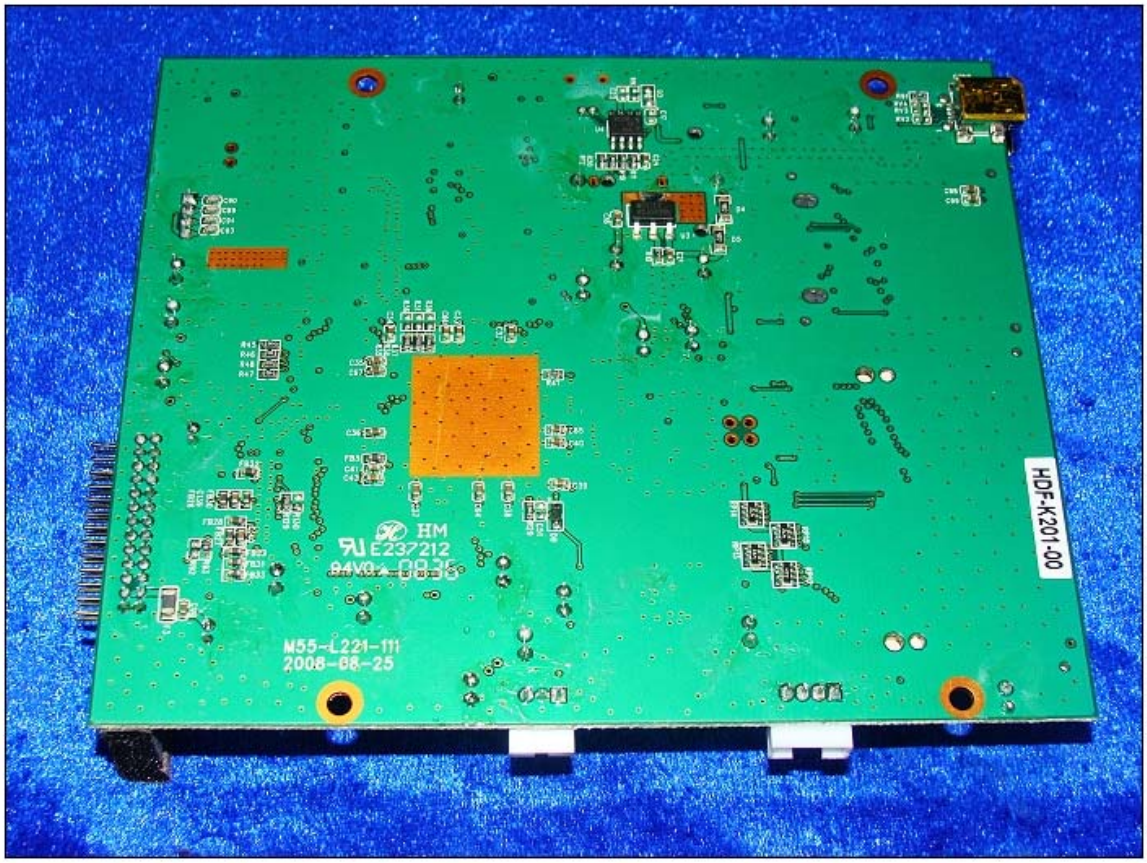
Inside View1

Inside View2

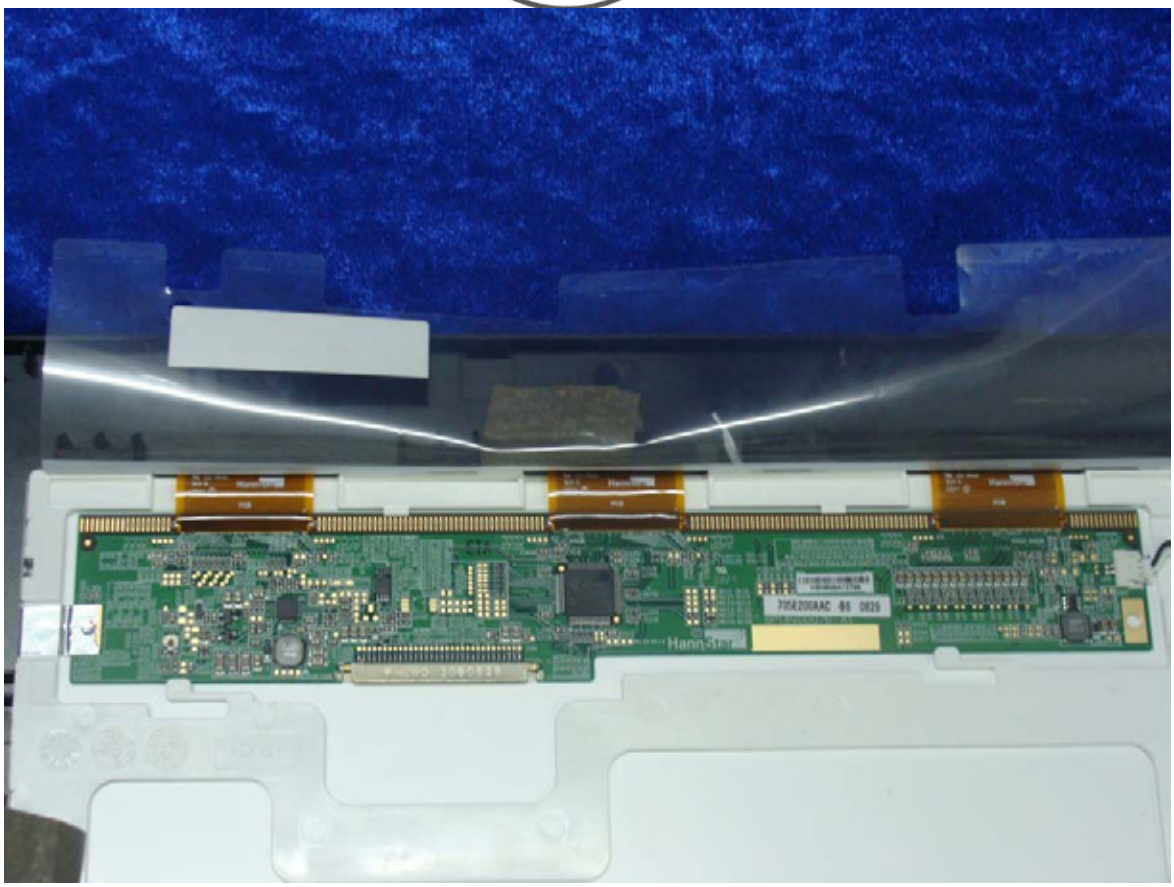


Inside View3

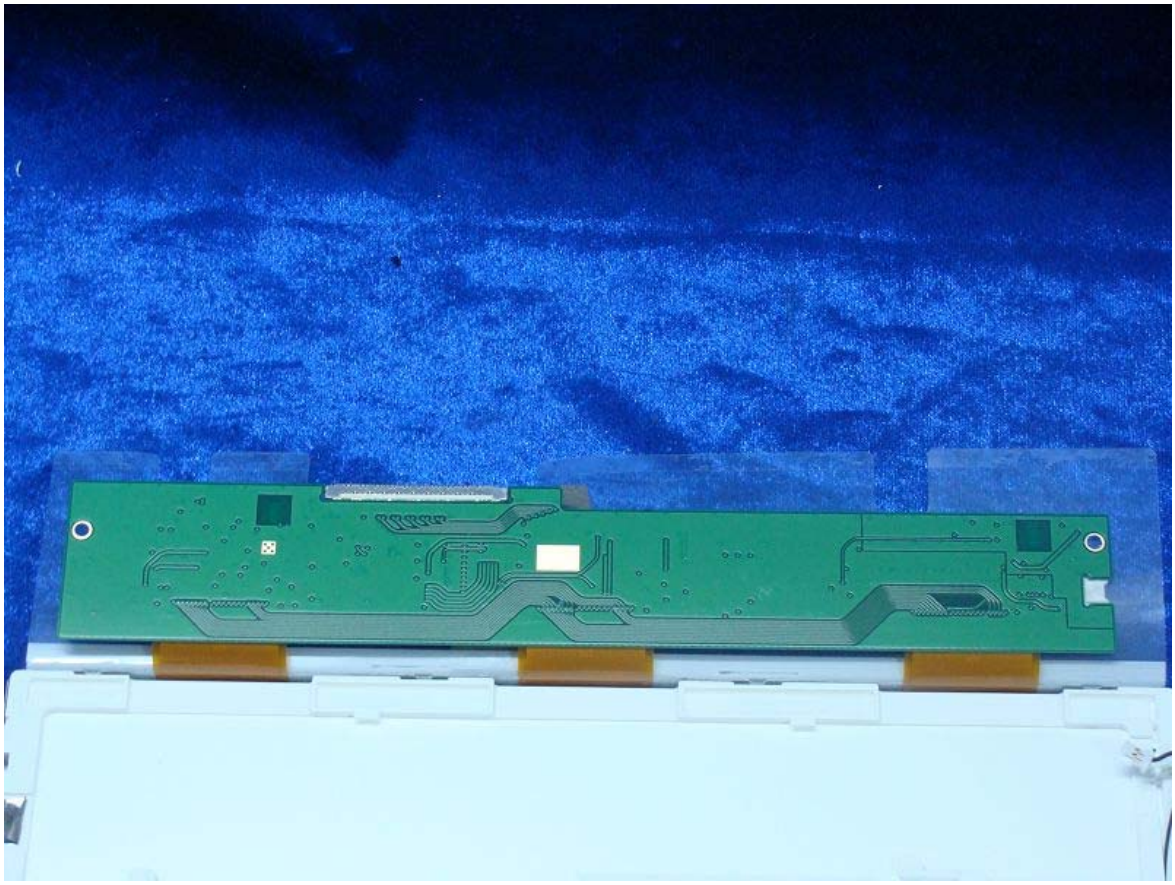
Inside View4



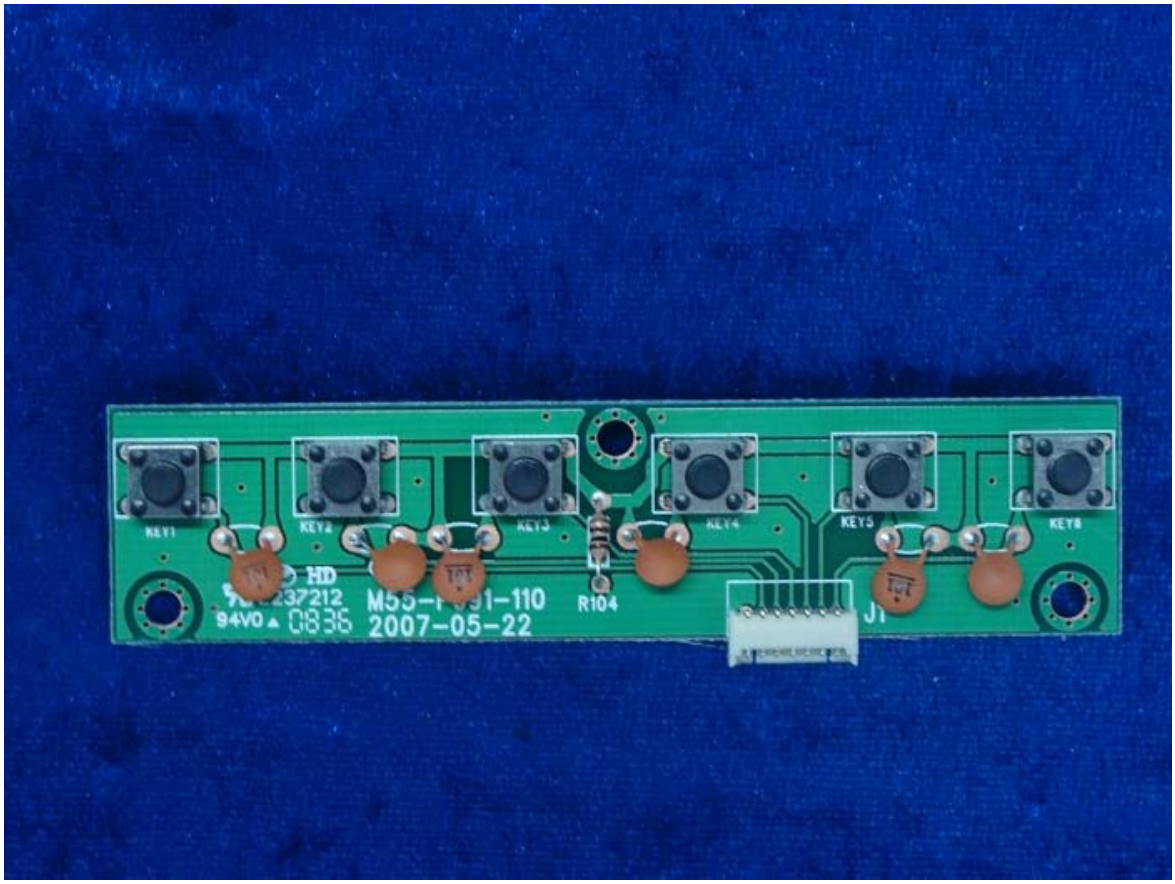
Inside View5



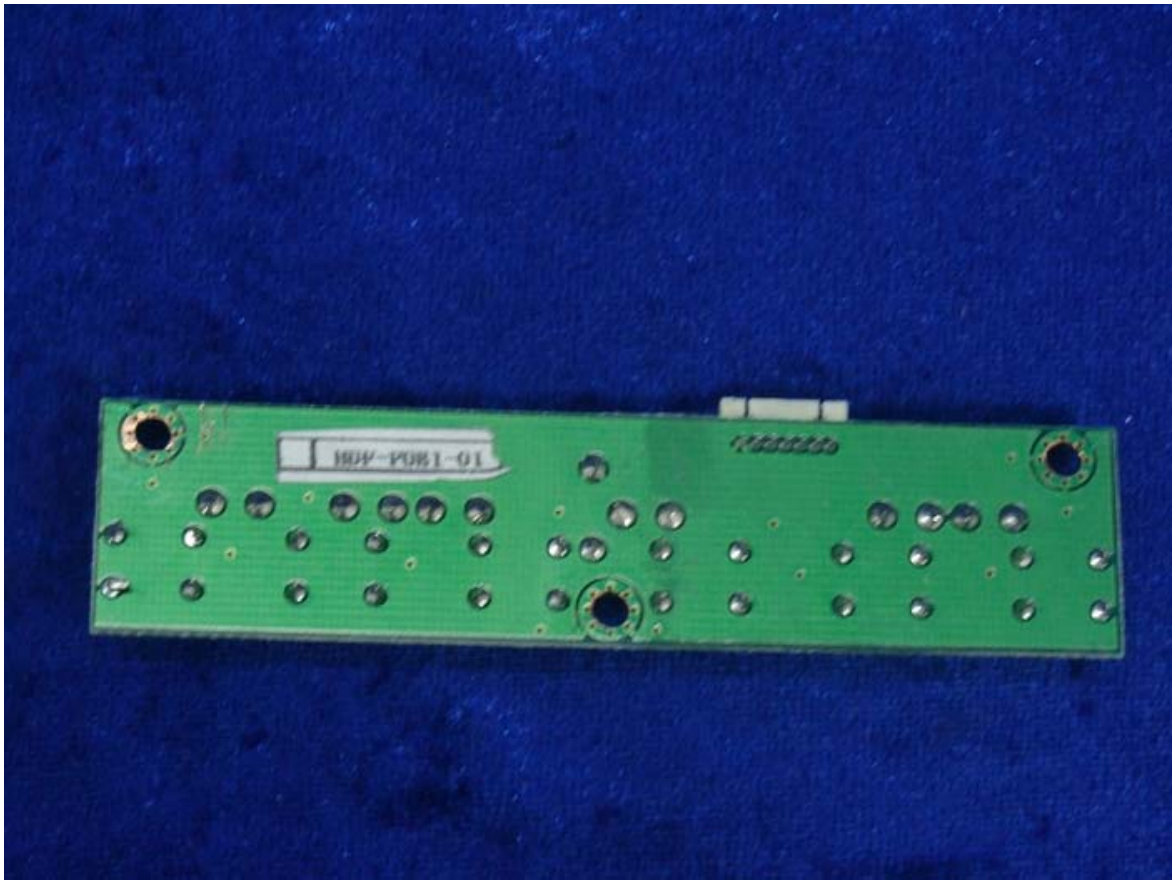
Inside View6



Inside View7



Inside View8



Switching Power Supply

-End of the report-