

Verification of Conformity
of
SHENZHEN YUDAFU ELECTRONIC CO., LTD.

DIGITAL PICTURE FRAME

Model No.: SPDPF84M, DPF8950

Prepared for : SHENZHEN YUDAFU ELECTRONIC CO., LTD.
Address : YUDAFU Industrial Garden, Xingye West Road, Shajing Town,
 Baoan SHENZHEN, CHINA

Prepared by : SHENZHEN EMTEK CO., LTD.
Address : Bldg 69, Majialong Industry Zone,
 Nanshan District, Shenzhen, Guangdong, China

Tel: (0755) 26954280

Fax: (0755) 26954282

Report Number : E0705009F
Date of Test : May 08, 2007~May 15, 2007
Date of Report : May 15, 2007

TABLE OF CONTENTS

Test Report Description

	Page
1. GENERAL INFORMATION	4
1.1 Description of Device (EUT).....	4
1.2. Description of Support Device	5
1.3.Test Facility	5
1.4. Measurement Uncertainty	6
2. POWER LINE CONDUCTED MEASUREMENT	7
2.1. Test Equipment	7
2.2. Block Diagram of Test Setup.....	7
2.3. Power Line Conducted Emission Measurement Limits (Class B).....	7
2.4. Configuration of EUT on Measurement	7
2.5. Operating Condition of EUT	8
2.6. Test Procedure	8
2.7. Power Line Conducted Emission Measurement Results	9
3. RADIATED EMISSION MEASUREMENT	12
3.1. Test Equipment	12
3.2. Block Diagram of Test Setup.....	12
3.3. Radiated Emission Limit (Class B).....	13
3.4. EUT Configuration on Measurement	13
3.5. Operating Condition of EUT	14
3.6. Test Procedure	14
3.7. Radiated Emission Noise Measurement Result	14
4. PHOTOGRAPH.....	14
4.1. Photo of Conducted Emission Measurement.....	15
4.2. Photo of Radiated Measurement.....	15

APPENDIX I (6 Pages)

APPENDIX II (12 Pages)

TEST REPORT DESCRIPTION

Applicant : SHENZHEN YUDAFU ELECTRONIC CO., LTD.
Manufacturer : SHENZHEN YUDAFU ELECTRONIC CO., LTD.
EUT : DIGITAL PICTURE FRAME
(A) MODEL NO.: SPDPF84M, DPF8950
(B) SERIAL NO.: N/A
(C) POWER SUPPLY: AC 120V/60Hz, DC5V (Connect to PC)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B Class B August 2006 & FCC / ANSI C63.4-2003

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

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of SHENZHEN EMTEK CO., LTD.

Date of Test : May 08, 2007 to May 15, 2007



Prepared by :

(Engineer)



Reviewer :

(Quality Manager)



Approved & Authorized Signer :

(Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	: DIGITAL PICTURE FRAME
Model Number	: SPDPF84M, DPF8950 (Note: The samples are the same, except the appearance is different; we prepare SPDPF84M for EMC test.)
Power Supply	: AC120V/60Hz
AC/DC Adaptor	: MODEL: CP1220 INPUT: AC100-240V~50/60Hz 0.5A OUTPUT: DC12V 2.0A
Applicant	: SHENZHEN YUDAFU ELECTRONIC CO., LTD.
Address	: YUDAFU Industrial Garden, Xingye West Road, Shajing Town, Baoan SHENZHEN, CHINA
Manufacturer	: SHENZHEN YUDAFU ELECTRONIC CO., LTD.
Address	: YUDAFU Industrial Garden, Xingye West Road, Shajing Town, Baoan SHENZHEN, CHINA
Date of Sample	: May 08, 2007
Date of Test	: May 08, 2007~ May 15, 2007

1.2. Description of Support Device

PC	:	Manufacturer: HEWLETT PACKARD M/N: Vectra VL420 MT S/N: CN15100363 CE, FCC: DOC
Monitor	:	Manufacturer: HEWLETT PACKARD M/N: D8897 S/N: CN15034038 CE, FCC ID: ARSCM350S
Mouse	:	Manufacturer: HEWLETT PACKARD M/N: M-S48a S/N: LZE14823966AW CE, FCC: DOC
Keyboard	:	Manufacturer: HEWLETT PACKARD M/N: SK-2502C S/N: C0111141546 CE, FCC: DOC
Printer	:	Manufacturer: HEWLETT PACKARD M/N: C89520 S/N: CN25S182N6 CE, FCC: DOC

1.3. Test Facility

Site Description

EMC Lab.

: Accredited by CNAL, 2005.11.02
The certificate is valid until 2010.11
The Laboratory has been assessed and proved to be in compliance with CNAL/AC01:2003(identical to ISO/IEC17025:1999)
The Certificate Registration Number is L2291.

Accredited by TUV Rheinland Guangzhou 2005.1
The certificate is valid until 2008.2
The Laboratory has been assessed according to the requirements ISO/IEC 17025:1999.

Accredited by FCC, July 07, 2005
The Certificate Registration Number is 709623.

Accredited by Industry Canada, August 30, 2005
The Certificate Registration Number is 46405-4480.

Name of Firm

: SHENZHEN EMTEK CO., LTD

Site Location

: Bldg 69, Majialong, Industry Zone,
Nanshan District, Shenzhen, Guangdong, China

1.4.Measurement Uncertainty

Radiation Uncertainty : $U_r = \pm 4.26\text{dB}$

Conduction Uncertainty : $U_c = \pm 2.66\text{dB}$

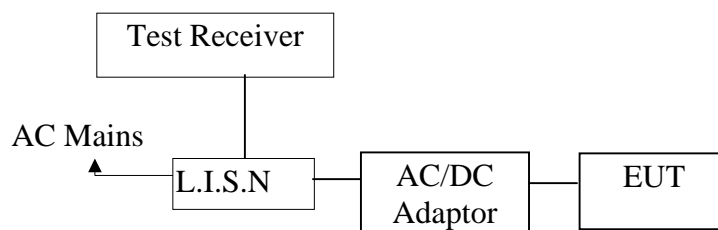
2. POWER LINE CONDUCTED MEASUREMENT

2.1. Test Equipment

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

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCS30	8289851018	May 29, 2006	1 Year
2.	L.I.S.N	Rohde & Schwarz	ESH2-Z5	834549/005	May 29, 2006	1 Year
3.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	May 29, 2006	1 Year
4.	RF Cable	FUJIKURA	RG-55/U	LISN Cable	May 29, 2006	1 Year

2.2. Block Diagram of Test Setup



(EUT: DIGITAL PICTURE FRAME)

2.3. Power Line Conducted Emission Measurement Limits (Class B)

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

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

2.4. Configuration of EUT on Measurement

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

EUT : DIGITAL PICTURE FRAME
Model Number : SPDPF84M

2.5.Operating Condition of EUT

- 2.5.1. Setup the EUT and simulator as shown as Section 2.2.
- 2.5.2. Turn on the power of all equipment.
- 2.5.3. Let the EUT work in test mode (Movie Mode/Connect to PC) and measure it.

2.6.Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC/ANSI C63.4-2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9KHz.

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

The test result is reported on Section 2.7. All the scanning waveforms for Conducted Emission Measurement are attached in Appendix I.

2.7.Power Line Conducted Emission Measurement Results

PASS.

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

Date of Test	: May 08, 2007	Temperature	: 22°C
EUT	: DIGITAL PICTURE FRAME	Humidity	: 50%
M/N	: SPDPF84M	Test Mode	: Movie Playing (NAND)

Test Line	Frequency MHz	Emission Level QP dB(μV)	Emission Level AV dB(μV)	Limits QP dB(μV)	Limits AV dB(μV)	Margin QP dB(μV)	Margin AV dB(μV)
Neutral	0.171	53.80	40.40	64.91	54.91	-11.11	-14.51
	0.331	43.20	30.30	59.43	49.43	-16.23	-19.13
	1.230	24.50	14.00	56.00	46.00	-31.50	-32.00
Line	0.150	49.80	37.80	66.00	56.00	-16.20	-18.20
	0.175	51.30	39.70	64.72	54.72	-13.42	-15.02
	0.350	41.20	29.40	58.96	48.96	-17.76	-19.56
Remark: .The worst emission is detected at 0.171 MHz with corrected QP signal level of 53.80 dB(μV) (limit is 64.91dB(μV)), When the Neutral of the EUT is connected to LISN.							

Date of Test	: May 08, 2007	Temperature	: 22°C
EUT	: DIGITAL PICTURE FRAME	Humidity	: 50%
M/N	: SPDPF84M	Test Mode	: Movie Playing (SD Card)

Test Line	Frequency MHz	Emission Level QP dB(μV)	Emission Level AV dB(μV)	Limits QP dB(μV)	Limits AV dB(μV)	Margin QP dB(μV)	Margin AV dB(μV)
Neutral	0.170	49.60	40.50	64.96	54.96	-15.36	-14.46
	0.250	47.00	39.60	61.76	51.76	-14.76	-12.16
	0.755	31.50	21.50	56.00	46.00	-24.50	-24.50
Line	0.175	48.70	40.20	64.72	54.72	-16.02	-14.52
	0.190	49.90	43.30	63.82	53.82	-13.92	-10.52
	0.335	35.50	26.60	59.33	49.33	-23.83	-22.73
Remark: .The worst emission is detected at 0.190 MHz with corrected AV signal level of 43.30 dB(μV) (limit is 53.82dB(μV)), When the Line of the EUT is connected to LISN.							

Date of Test	: May 08, 2007	Temperature	: 22°C
EUT	: DIGITAL PICTURE FRAME	Humidity	: 50%
M/N	: SPDPF84M	Test Mode	: Connect to PC

Test Line	Frequency MHz	Emission Level QP dB(μV)	Emission Level AV dB(μV)	Limits QP dB(μV)	Limits AV dB(μV)	Margin QP dB(μV)	Margin AV dB(μV)
Neutral	0.190	49.50	42.90	64.04	54.04	-14.54	-11.14
	0.380	42.50	39.20	58.28	48.28	-15.78	-9.08
	0.955	39.20	33.60	56.00	46.00	-16.80	-12.40
Line	0.190	49.30	42.90	64.04	54.04	-14.74	-11.14
	0.380	42.70	39.50	58.28	48.28	-15.58	-8.78
	29.660	46.50	46.20	60.00	50.00	-13.50	-3.80
Remark: .The worst emission is detected at 29.660 MHz with corrected AV signal level of 46.20 dB(μV) (limit is 50.00dB(μV)), When the Line of the EUT is connected to LISN.							

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

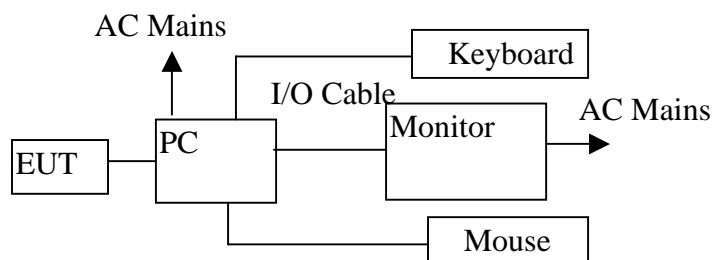
The following test equipments are used during the radiated emission measurement:

3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	ANRITSU	MS2661C	6200140915	May 29, 2006	1 Year
2.	Test Receiver	Rohde & Schwarz	ESCS30	828985/018	May 29, 2006	1 Year
3.	Bilog Antenna	Schwarzbeck	VULB9163	142	May 29, 2006	1 Year
4.	50 Coaxial Switch	Anritsu Corp	MP59B	6100237248	May 29, 2006	1 Year
5.	Cable	Schwarzbeck	AK9513(1m)	CR RX2	May 29, 2006	1 Year
6.	Cable	Schwarzbeck	AK9513(10m)	AC RX1	May 29, 2006	1 Year
7.	Cable	Rosenberger	N/A(6m)	CR RX1	May 29, 2006	1 Year
8.	Cable	Rosenberger	N/A(10m)	FP2RX2	May 29, 2006	1 Year
9.	DC Power Filter	MPE	23872C	N/A	May 29, 2006	1 Year
10.	Single Phase Power Line Filter	MPE	23332C	N/A	May 29, 2006	1 Year
11.	3 Phase Power Line Filter	MPE	23333C	N/A	May 29, 2006	1 Year
12.	Signal Generator	HP	8648A	3625U00573	May 29, 2006	1 Year

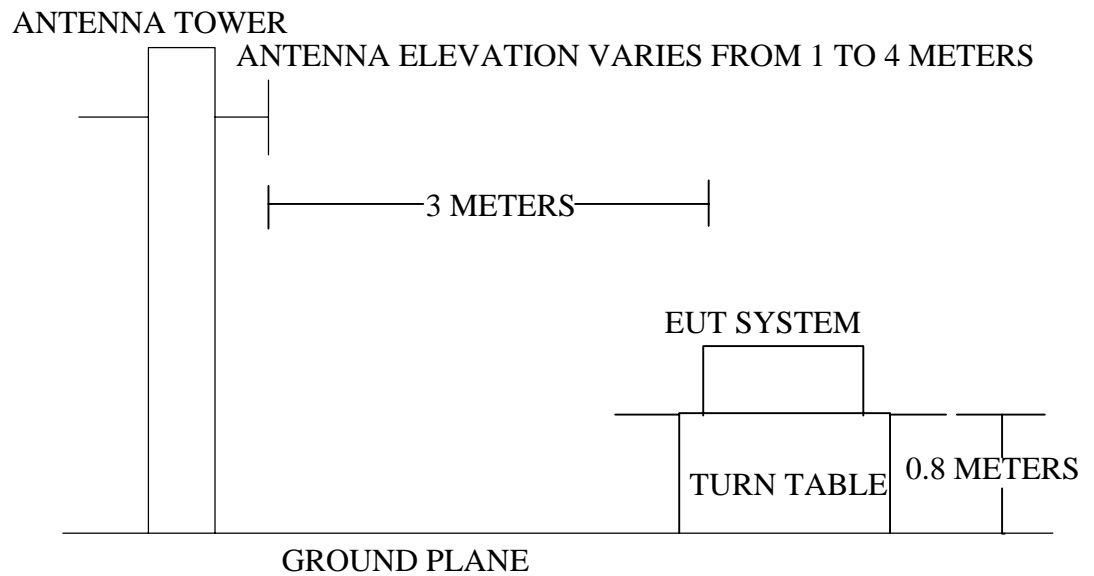
3.2. Block Diagram of Test Setup

3.2.1. Block diagram of connection between the EUT and simulators



(EUT: DIGITAL PICTURE FRAME)

3.2.2. Anechoic Chamber Test Setup Diagram



(EUT: DIGITAL PICTURE FRAME)

3.3. Radiated Emission Limit (Class B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0

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

3.4. EUT Configuration on Measurement

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

DIGITAL PICTURE FRAME (EUT)

Model Number : SPDPF84M
Serial Number : N/A

3.5.Operating Condition of EUT

1. Setup the EUT as shown in Section 2.2.
2. Let the EUT work in test mode (Movie Mode/ Connect to PC) and measure it.

3.6.Test Procedure

EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to FCC/ANSI C63.4-2000 on radiated emission measurement. The bandwidth of the EMI test receiver (R&S ESCS30) is set at 120KHz.

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

The test mode (Movie Mode/ Connect to PC) is tested in chamber.
All the scanning curves are attached in Appendix II

3.7.Radiated Emission Noise Measurement Result

PASS.

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

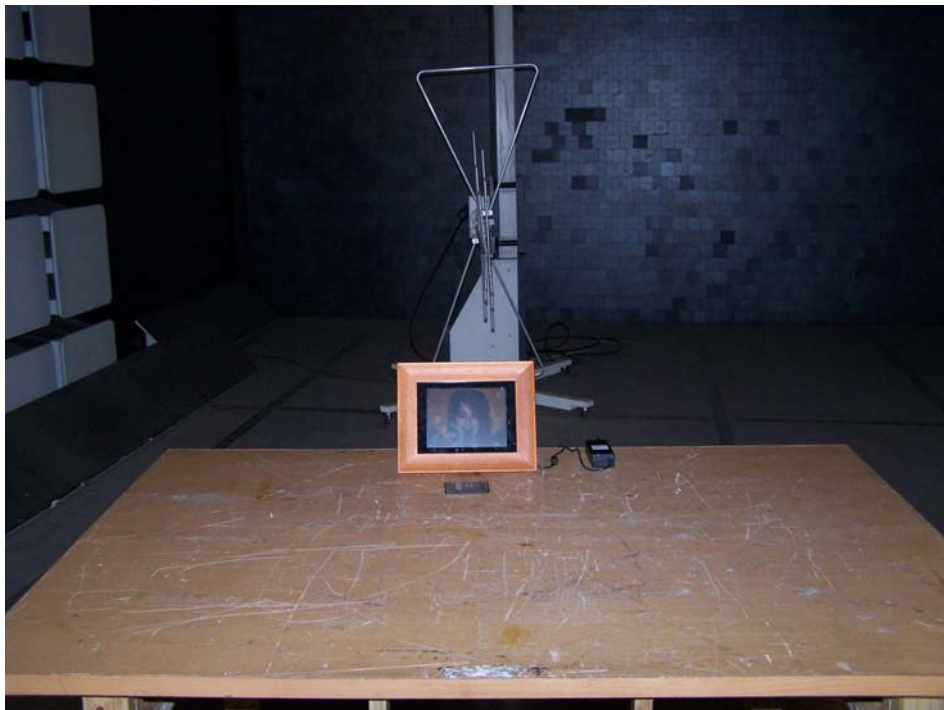
Please reference to the attached data.

4. PHOTOGRAPH

4.1.Photo of Conducted Emission Measurement



4.2.Photo of Radiated Measurement



APPENDIX I

CONDUCTION EMISSION STANDARD FCC PART15B

EUT: Digital Picture Frame M/N:SPDPF84M
 Manuf: YUDAFU
 Op Cond: MOVIE PLAYING (NAND)
 Operator: JOOLEE
 Test Spec: L 120V/60Hz
 Comment: Tem22c Humi50%
 Date: 08. May 07 14:03

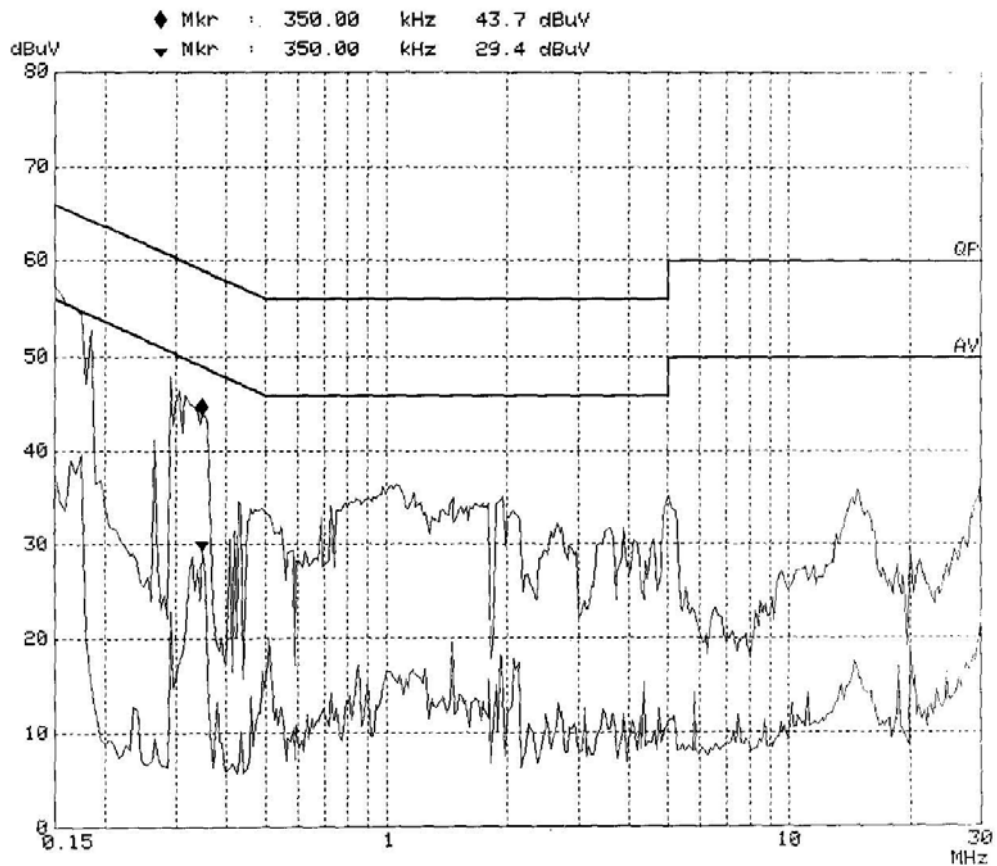
Scan Settings (3 Ranges)

Frequencies			Receiver Settings					
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	
150k	2M	5k	9k	PK+AV	20ms	AUTO	LN OFF	
2M	10M	10k	9k	PK+AV	10ms	AUTO	LN OFF	
10M	30M	25k	9k	PK+AV	10ms	AUTO	LN OFF	

Transducer No.	Start	Stop	Name
1	9k	30M	CONFAC1

Final Measurement: x QP / + AV

Meas Time: 1 s
 Subranges: 25
 Acc Margin: 6dB



CONDUCTION EMISSION STANDARD FCC PART15B

EUT: Digital Picture Frame M/N:SPDPF84M
 Manuf: YUDAFU
 Op Cond: MOVIE PLAYING (NAND)
 Operator: JOOLEE
 Test Spec: N 120V/60Hz
 Comment: Tem22c Humi50%
 Date: 08. May 07 13:54

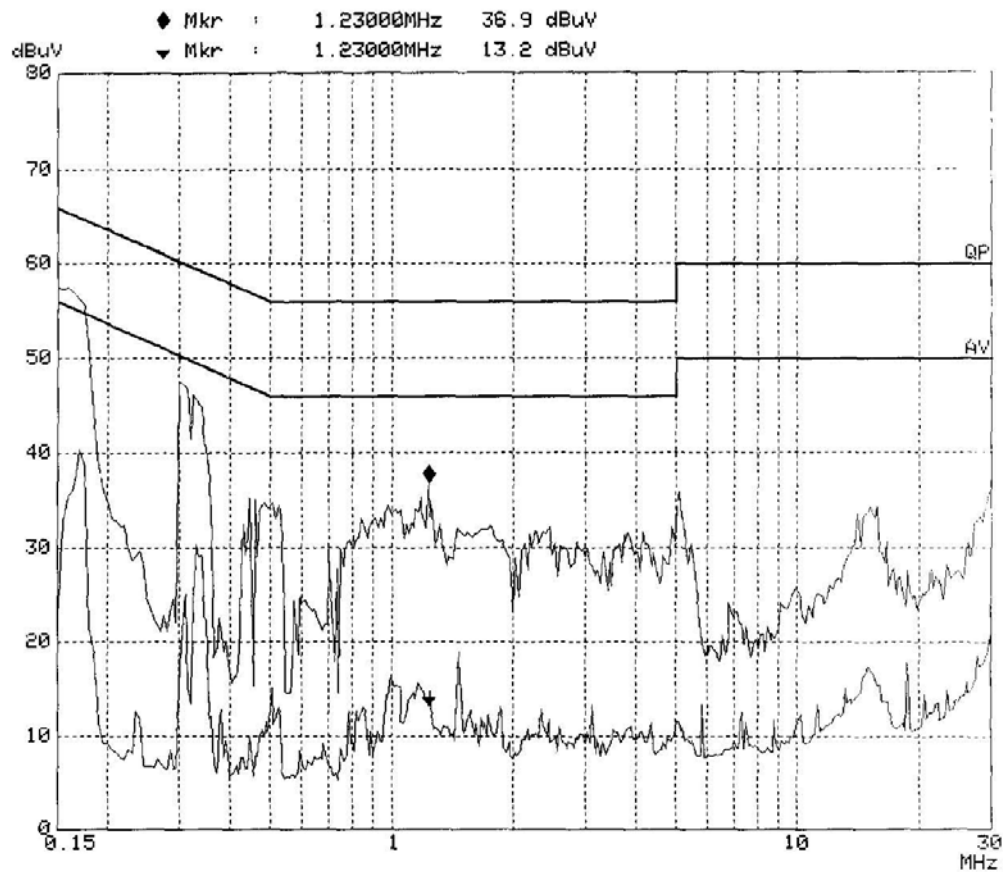
Scan Settings (3 Ranges)

Frequencies			Receiver Settings			
Start	Stop	Step	IF BW	Detector	M-Time	Atten Preamp
150k	2M	5k	9k	PK+AV	20ms AUTO LN	OFF
2M	10M	10k	9k	PK+AV	10ms AUTO LN	OFF
10M	30M	25k	9k	PK+AV	10ms AUTO LN	OFF

Transducer No.	Start	Stop	Name
1	9k	30M	CONFAC1

Final Measurement: x QP / + AV

Meas Time: 1 s
 Subranges: 25
 Acc Margin: 6dB



CONDUCTION EMISSION STANDARD FCC PART15B

EUT: Digital Picture Frame M/N:SPDPF84M
 Manuf: YUDAFU
 Op Cond: MOVIE PLAYING (SD CARD)
 Operator: JOOLEE
 Test Spec: L 120V/60Hz
 Comment: Tem22c Humi50%
 Date: 08. May 07 14:53

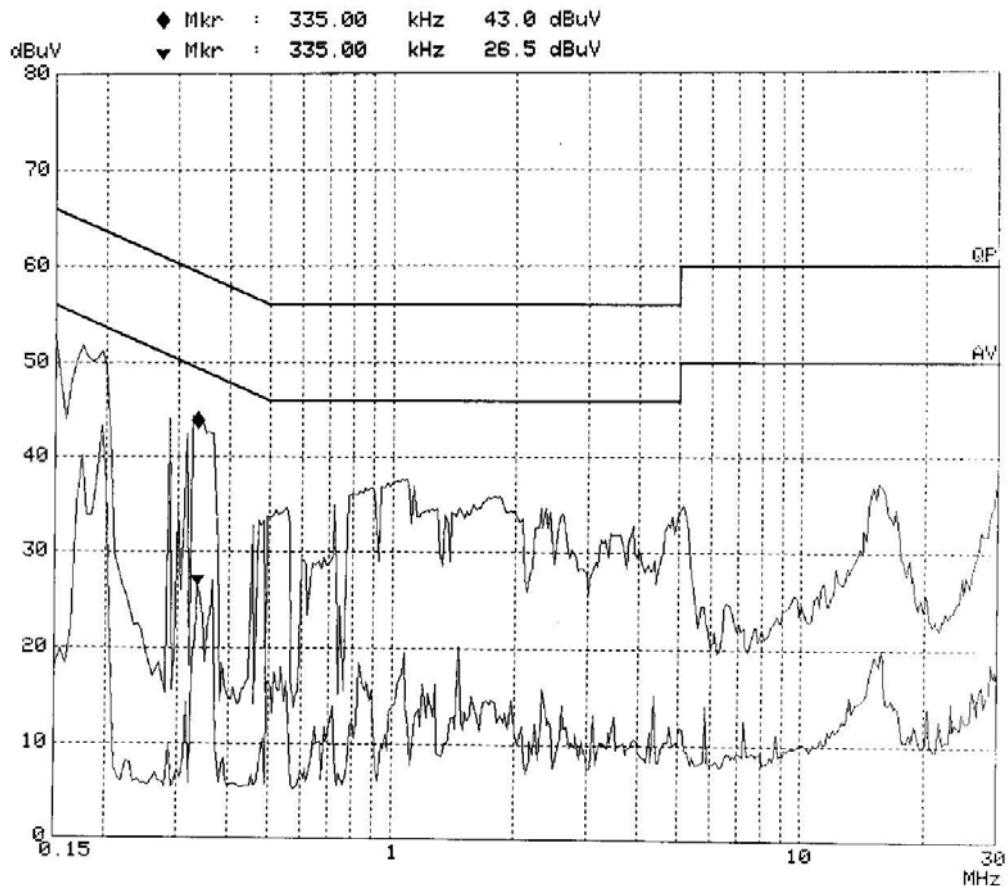
Scan Settings (3 Ranges)

Frequencies			Receiver Settings			
Start	Stop	Step	IF BW	Detector	M-Time	Atten Preamp
150k	2M	5k	9k	PK+AV	20ms AUTO LN	OFF
2M	10M	10k	9k	PK+AV	10ms AUTO LN	OFF
10M	30M	25k	9k	PK+AV	10ms AUTO LN	OFF

Transducer No.	Start	Stop	Name
1	9k	30M	CONFAC1

Final Measurement: x QP / + AV

Meas Time: 1 s
 Subranges: 25
 Acc Margin: 6dB



CONDUCTION EMISSION STANDARD FCC PART15B

EUT: Digital Picture Frame M/N:SPDPF84M
 Manuf: YUDAFU
 Op Cond: MOVIE PLAYING (SD CARD)
 Operator: JOOLEE
 Test Spec: N 120V/60Hz
 Comment: Tem22c Humi50%
 Date: 08. May 07 14:46

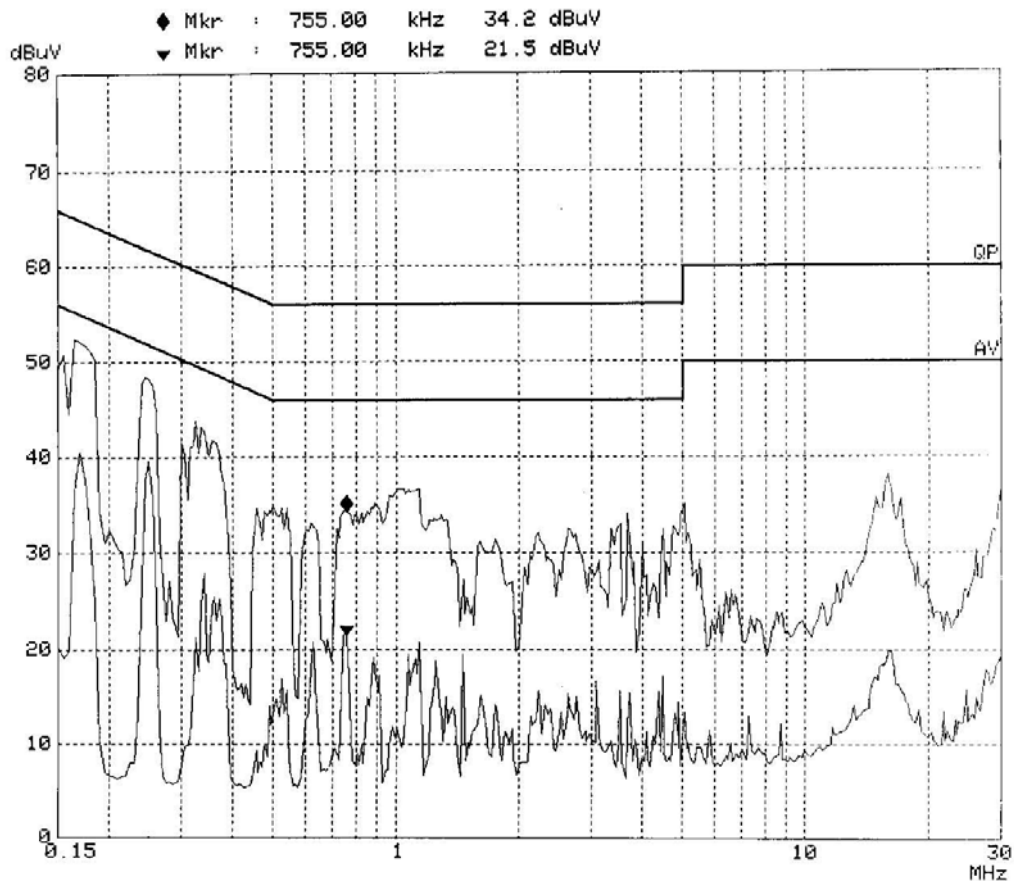
Scan Settings (3 Ranges)

Frequencies			Receiver Settings				
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp
150k	2M	5k	9k	PK+AV	20ms	AUTO LN	OFF
2M	10M	10k	9k	PK+AV	10ms	AUTO LN	OFF
10M	30M	25k	9k	PK+AV	10ms	AUTO LN	OFF

Transducer No.	Start	Stop	Name
1	9k	30M	CONFAC1

Final Measurement: x QP / + AV

Meas Time: 1 s
 Subranges: 25
 Acc Margin: 6dB



CONDUCTION EMISSION STANDARD FCC PART15B

EUT: Digital Picture Frame M/N:SPDPF84M
 Manuf: YUDAFU
 Op Cond: CONNECT TO PC
 Operator: JOOLEE
 Test Spec: L 120V/60Hz
 Comment: Tem22c Humi50%
 Date: 08. May 07 15:11

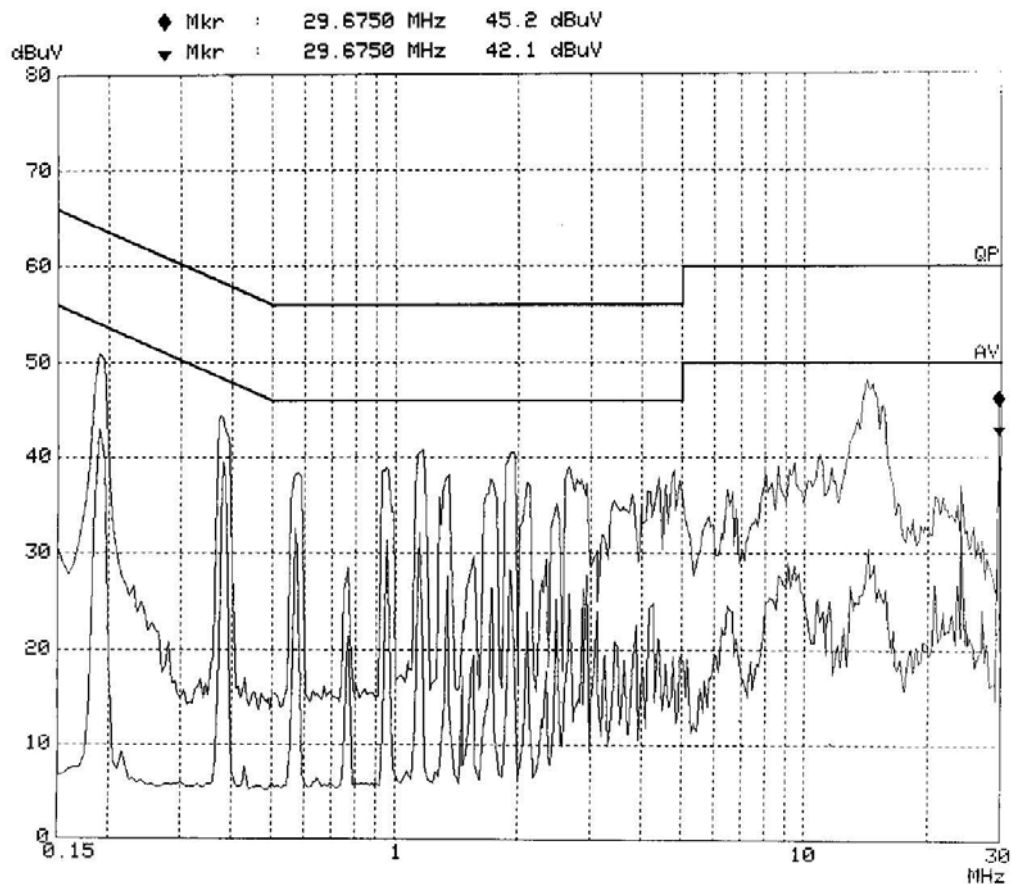
Scan Settings (3 Ranges)

Frequencies			Receiver Settings				
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp
150k	2M	5k	9k	PK+AV	20ms	AUTO LN	OFF
2M	10M	10k	9k	PK+AV	10ms	AUTO LN	OFF
10M	30M	25k	9k	PK+AV	10ms	AUTO LN	OFF

Transducer No.	Start	Stop	Name
1	9k	30M	CONFAC1

Final Measurement: x QP / + AV

Meas Time: 1 s
 Subranges: 25
 Acc Margin: 6dB



CONDUCTION EMISSION STANDARD FCC PART15B

EUT: Digital Picture Frame M/N:SPDPF84M
 Manuf: YUDAFU
 Op Cond: CONNECT TO PC
 Operator: JOOLEE
 Test Spec: N 120V/60Hz
 Comment: Tem22c Humi50%
 Date: 08. May 07 15:45

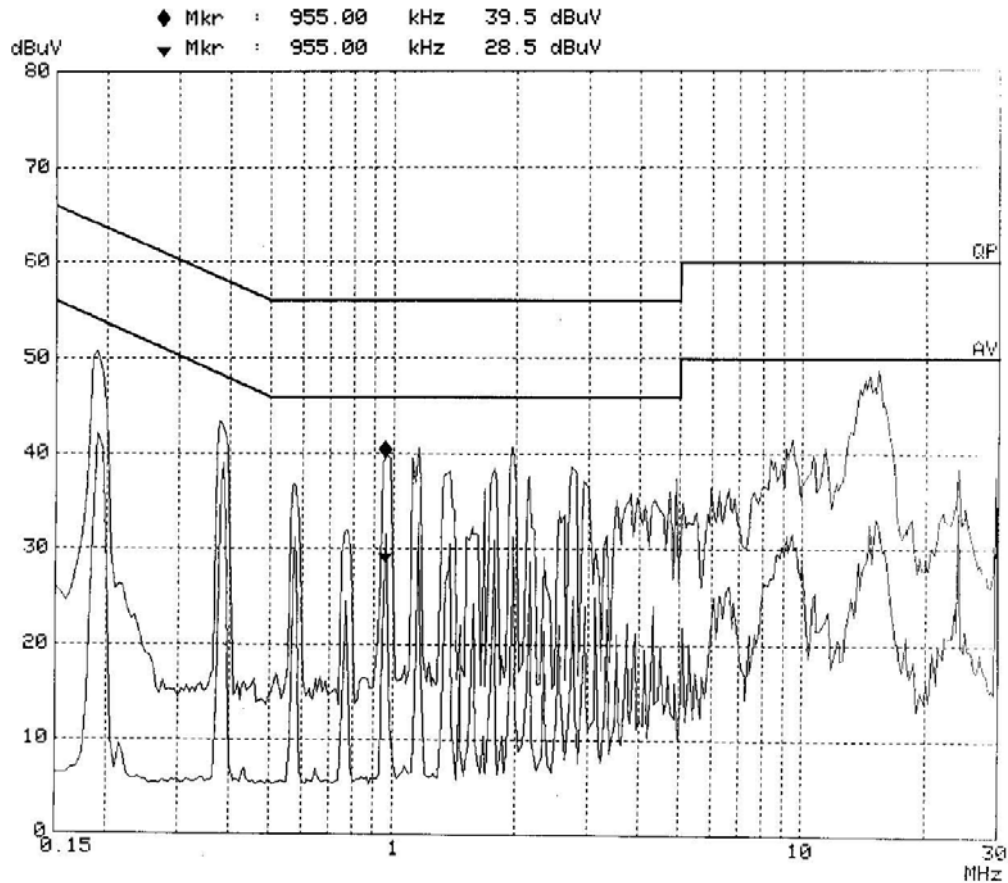
Scan Settings (3 Ranges)

Frequencies			Receiver Settings				
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp
150k	2M	5k	9k	PK+AV	20ms	AUTO LN	OFF
2M	10M	10k	9k	PK+AV	10ms	AUTO LN	OFF
10M	30M	25k	9k	PK+AV	10ms	AUTO LN	OFF

Transducer No.	Start	Stop	Name
1	9k	30M	CONFAC1

Final Measurement: x QP / + AV

Meas Time: 1 s
 Subranges: 25
 Acc Margin: 6dB



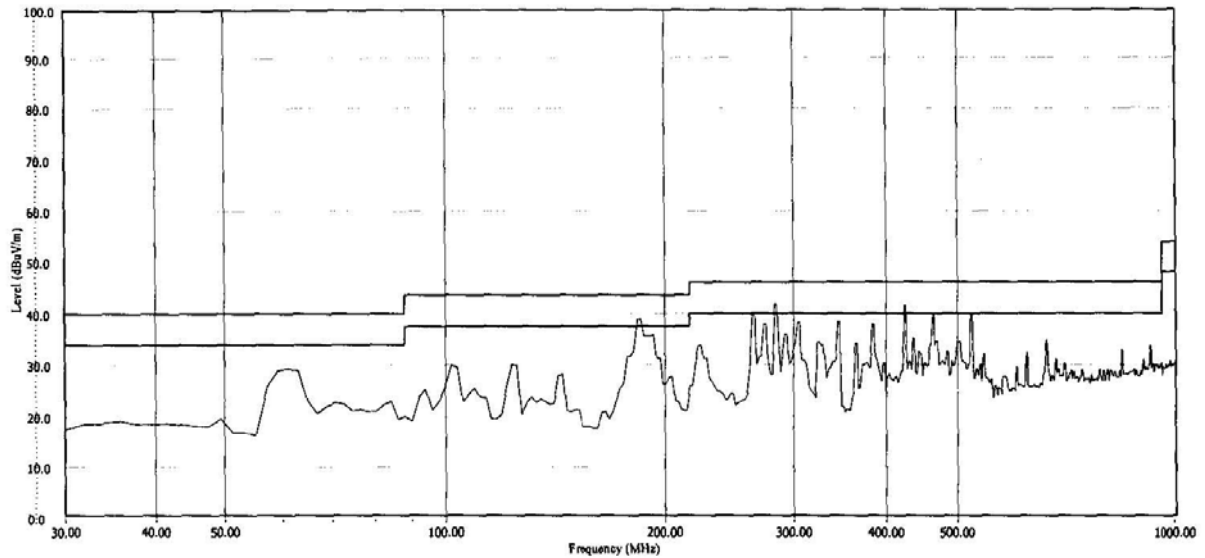
APPENDIX II

**Shenzhen EMTEK Co., Ltd.**

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power: AC 120V/60Hz
Note : MOVIE PLAYING (NAND)

Time : 2007/05/08 - 22:33
Probe : VULB9163 - HORIZONTAL
Margin : 6
Std : 30
Trace :



Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
------	------	---------------	-----------------------	-------------------------	------------------------	-------------------	------------------------	--------------------	--------------------	-----------------	--------------------	------

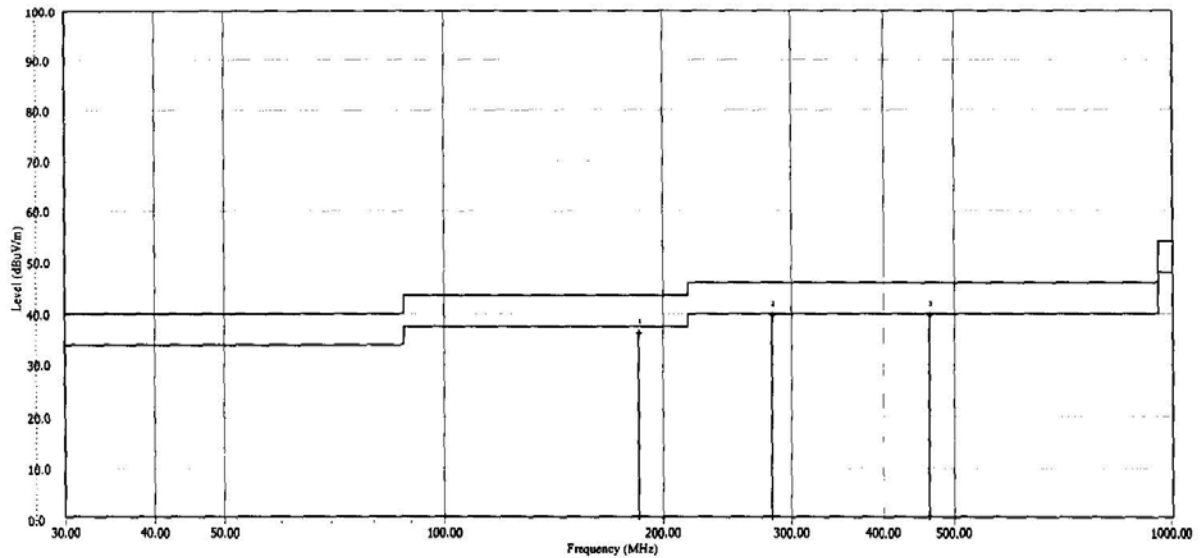


Shenzhen EMTEK Co., Ltd.

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power : AC 120V/60Hz
Note : MOVIE PLAYING (NAND)

Time : 2007/05/08 - 22:33
Probe : VULB9163 - HORIZONTAL
Margin : 6
Std : 30
Trace :



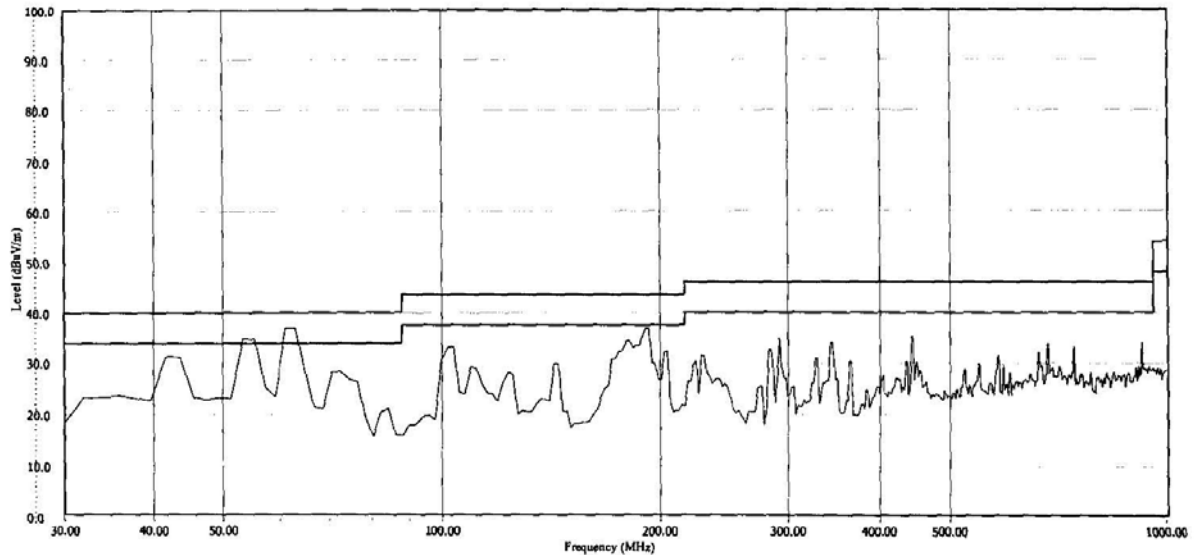
Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		185.200	36.194	25.604	-7.306	43.500	9.990	0.600	0.000	0.000	0.000	
2	*	282.200	39.552	25.412	-6.448	46.000	13.340	0.800	0.000	0.000	0.000	
3		462.620	39.552	20.522	-6.448	46.000	17.830	1.200	0.000	0.000	0.000	

**Shenzhen EMTEK Co., Ltd.**

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power : AC 120V/60Hz
Note : MOVIE PLAYING (NAND)

Time : 2007/05/08 - 22:32
Probe : VULB9163 - VERTICAL
Margin : 6
Std : 30
Trace :



Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
------	------	------------	--------------------	----------------------	---------------------	----------------	---------------------	-----------------	-----------------	--------------	-----------------	------



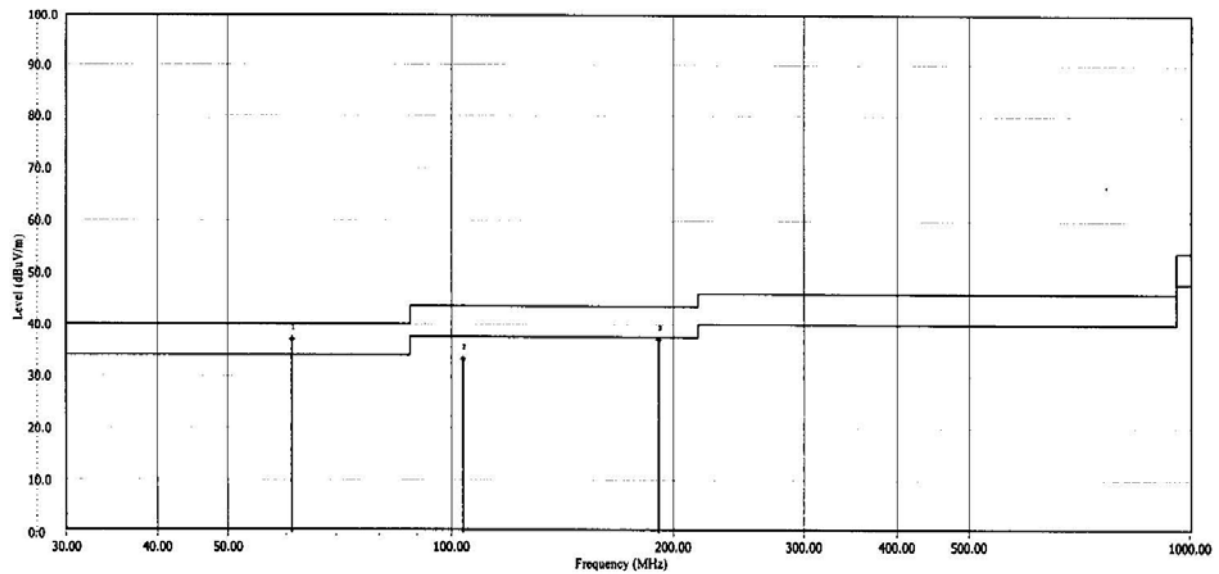
Shenzhen EMTEK Co., Ltd.

Page : 31 Total Page : 31

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power : AC 120V/60Hz
Note : MOVIE PLAYING (NAND)

Time : 2007/05/08 - 22:32
Probe : VULB9163 - VERTICAL
Margin : 6
Std : 30
Trace :



Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	61.040	36.940	24.270	+3.060	40.000	12.270	0.400	0.000	0.000	0.000	
2		103.720	33.210	19.840	-10.290	43.500	12.770	0.600	0.000	0.000	0.000	
3		191.020	36.940	24.610	-6.560	43.500	11.730	0.600	0.000	0.000	0.000	

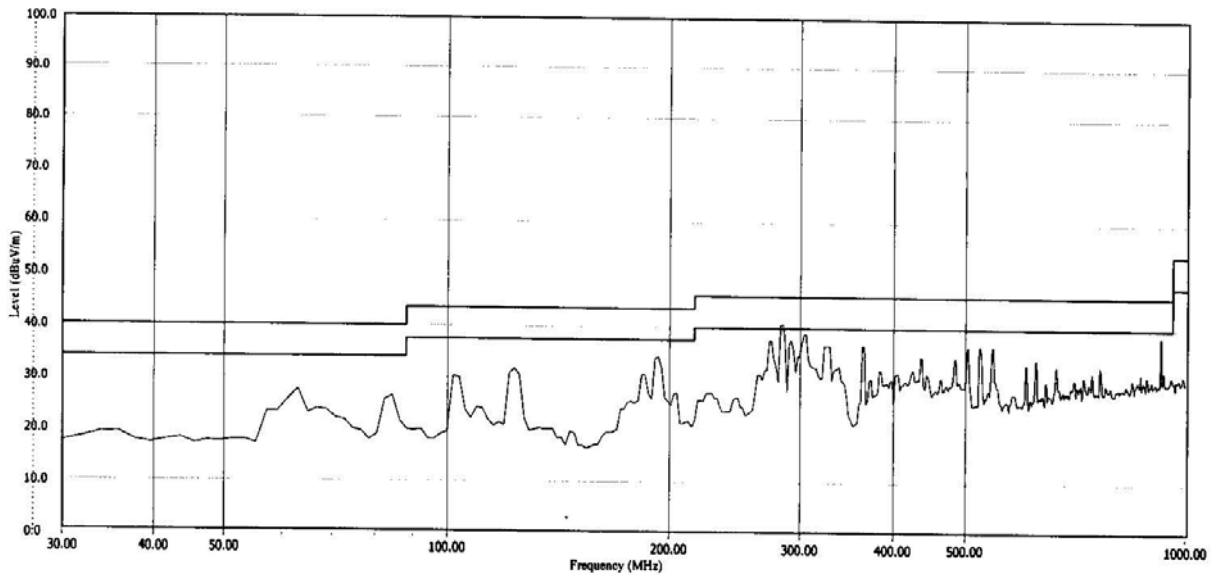
**Shenzhen EMTEK Co., Ltd.**

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

Page : 36 Total Page : 37

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power : AC 120V/60Hz
Note : MOVIE PLAYING (SD CARD)

Time : 2007/05/08 - 22:38
Probe : VULB9163 - HORIZONTAL
Margin : 6
Std : 30
Trace :



Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
------	------	---------------	-----------------------	-------------------------	------------------------	-------------------	------------------------	--------------------	--------------------	-----------------	--------------------	------



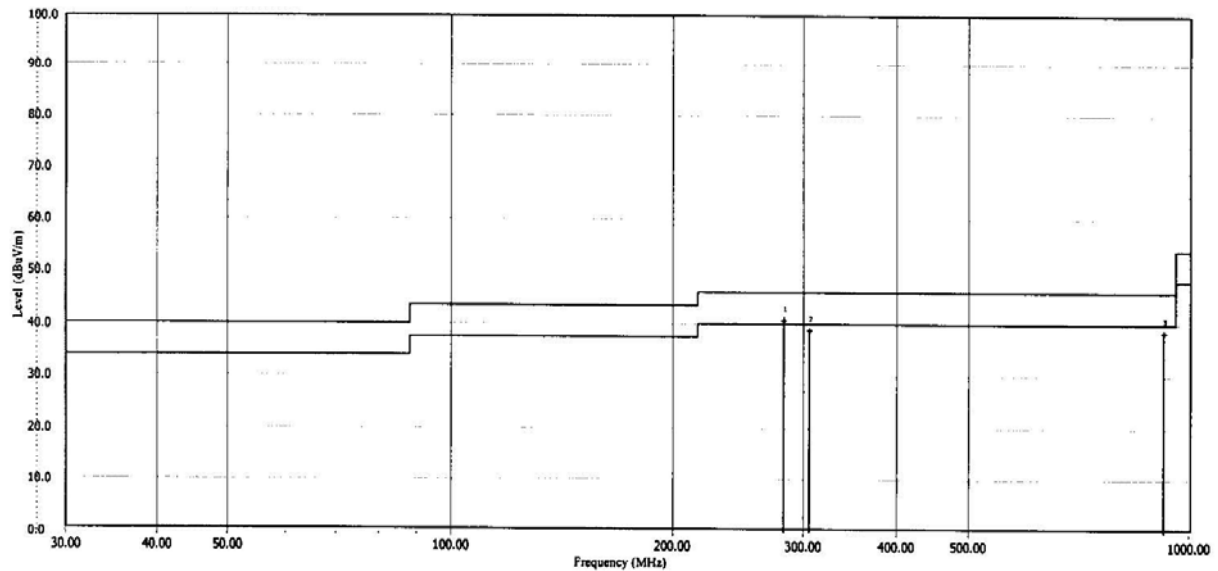
Shenzhen EMTEK Co., Ltd.

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

Page : 37 Total Page : 37

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power : AC 120V/60Hz
Note : MOVIE PLAYING (SD CARD)

Time : 2007/05/08 - 22:38
Probe : VULB9163 - HORIZONTAL
Margin : 6
Std : 30
Trace :



Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		282.200	40.670	26.530	-5.330	46.000	13.340	0.800	0.000	0.000	0.000	
2		305.480	38.810	24.620	-7.190	46.000	13.190	1.000	0.000	0.000	0.000	
3		924.340	38.430	14.190	-7.570	46.000	22.840	1.400	0.000	0.000	0.000	

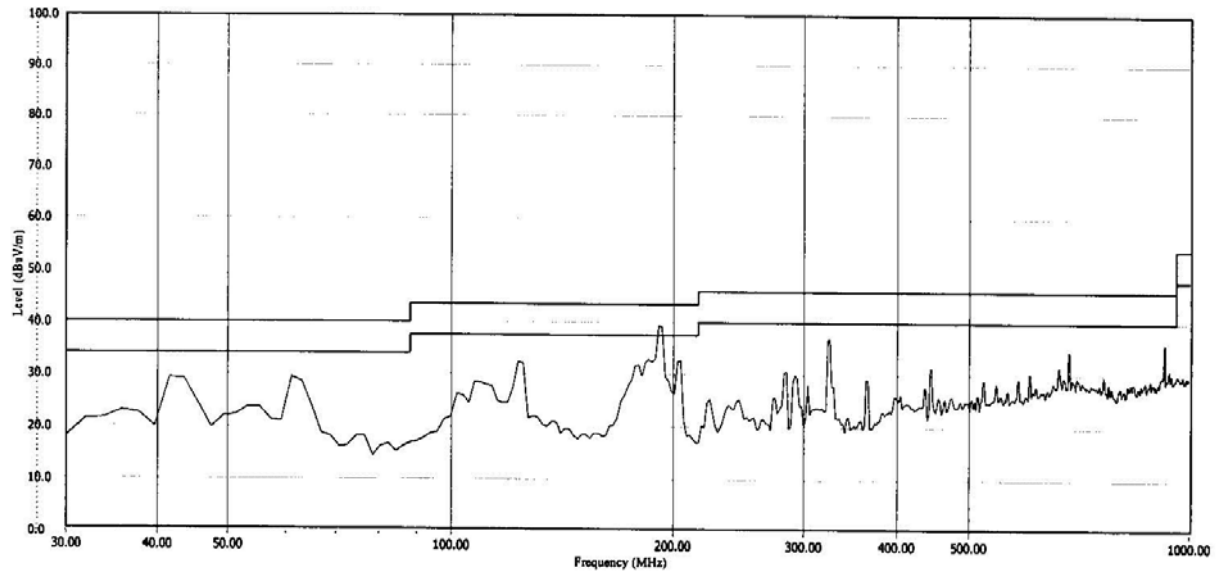
**Shenzhen EMTEK Co., Ltd.**

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

Page : 38 Total Page : 39

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power : AC 120V/60Hz
Note : MOVIE PLAYING (SD CARD)

Time : 2007/05/08 - 22:39
Probe : VULB9163 - VERTICAL
Margin : 6
Std : 30
Trace :



Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
------	------	---------------	-----------------------	-------------------------	------------------------	-------------------	------------------------	--------------------	--------------------	-----------------	--------------------	------

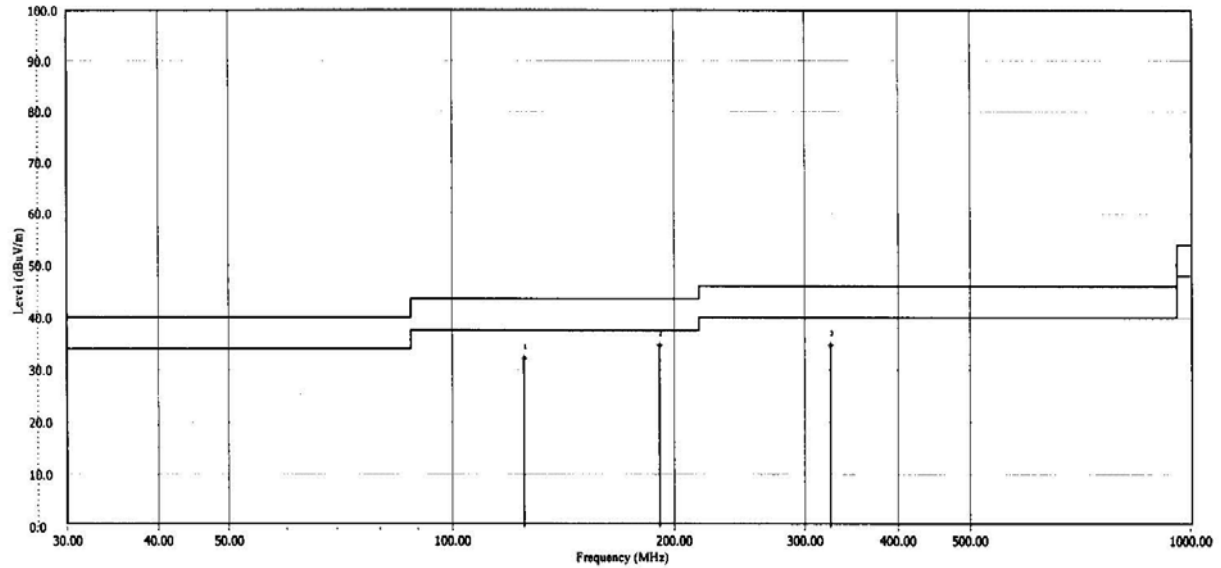


Shenzhen EMTEK Co., Ltd.

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power : AC 120V/60Hz
Note : MOVIE PLAYING (SD CARD)

Time : 2007/05/08 - 22:39
Probe : VULB9163 - VERTICAL
Margin : 6
Std : 30
Trace :



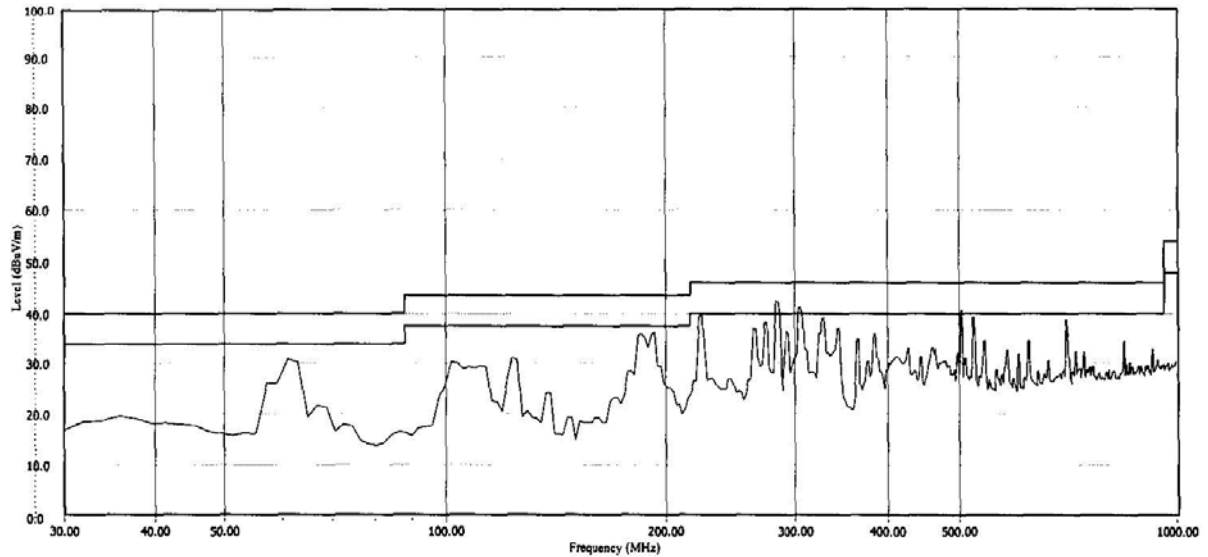
Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		125.060	32.170	21.230	-11.330	43.500	10.340	0.600	0.000	0.000	0.000	
2	*	191.020	34.701	22.371	-8.799	43.500	11.730	0.600	0.000	0.000	0.000	
3		324.880	34.701	20.091	-11.299	46.000	13.810	0.800	0.000	0.000	0.000	

**Shenzhen EMTEK Co., Ltd.**

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power : AC 120V/60Hz
Note : CONNECT TO PC

Time : 2007/05/09 - 00:58
Probe : VULB9163 - HORIZONTAL
Margin : 6
Std : 30
Trace :



Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
------	------	------------	--------------------	----------------------	---------------------	----------------	---------------------	-----------------	-----------------	--------------	-----------------	------



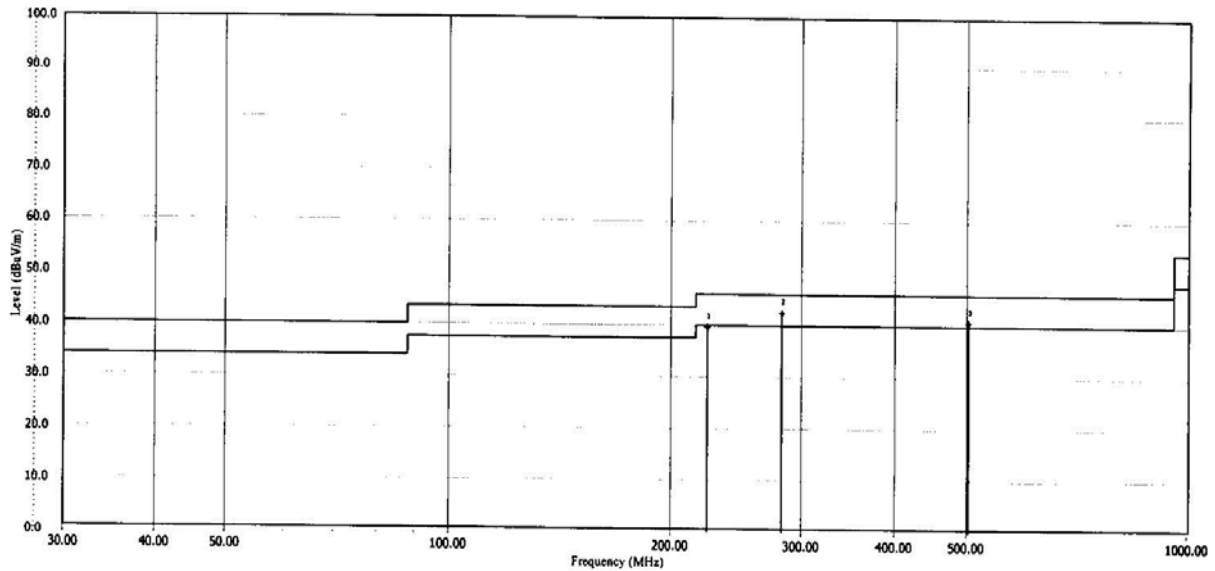
Shenzhen EMTEK Co., Ltd.

Bldg 69, Majialong, Taipingyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

Page : 97 Total Page : 97

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power: AC 120V/60Hz
Note : CONNECT TO PC

Time : 2007/05/09 - 00:58
Probe : VULB9163 - HORIZONTAL
Margin : 6
Std : 30
Trace :



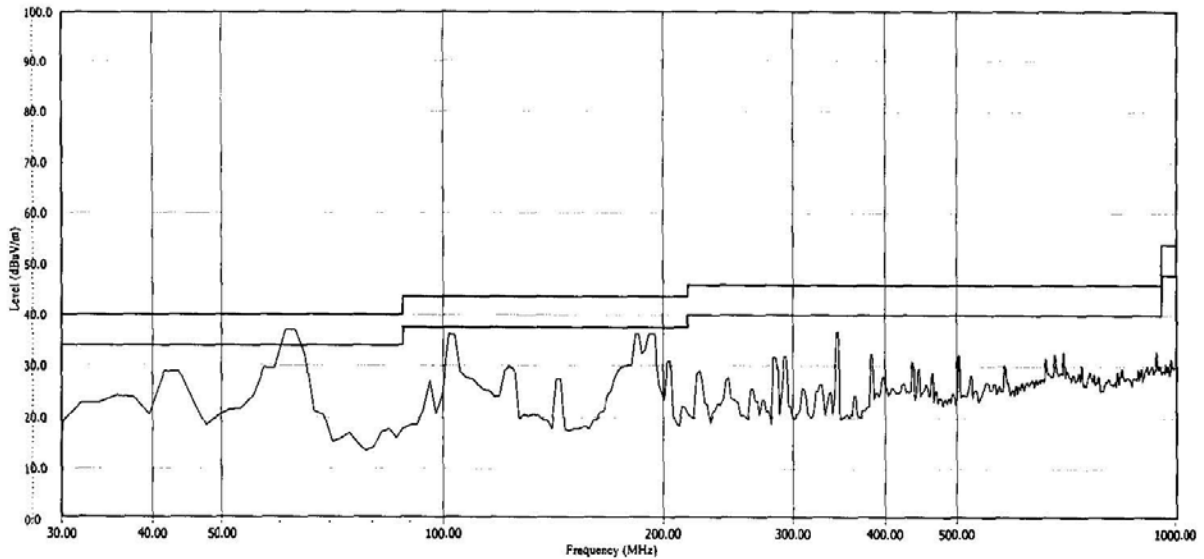
Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		224.000	39.620	27.360	-6.380	46.000	11.460	0.800	0.000	0.000	0.000	
2	I	282.200	42.400	28.260	-3.600	46.000	13.340	0.800	0.000	0.000	0.000	
3	I	503.360	40.670	21.800	-5.330	46.000	17.670	1.200	0.000	0.000	0.000	

**Shenzhen EMTEK Co., Ltd.**

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power : AC 120V/60Hz
Note : CONNECT TO PC

Time : 2007/05/09 - 00:56
Probe : VULB9163 - VERTICAL
Margin : 6
Std : 30
Trace :



Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
------	------	------------	--------------------	----------------------	---------------------	----------------	---------------------	-----------------	-----------------	--------------	-----------------	------



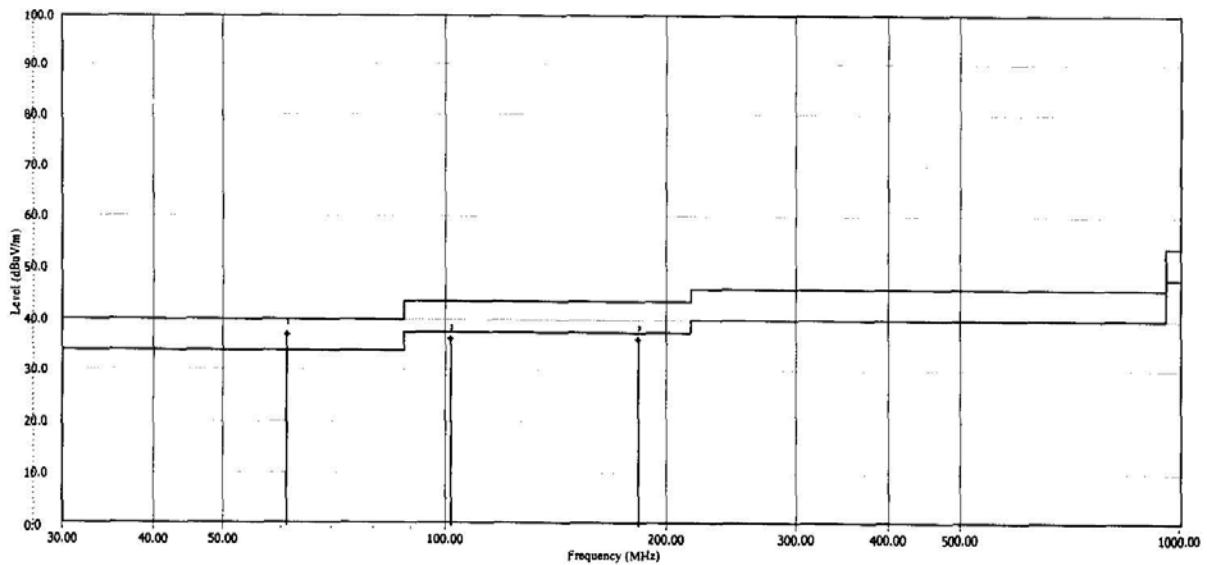
Shenzhen EMTEK Co., Ltd.

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China
Tel: (0755)26954280 Fax: (0755)26954282

Page : 91 Total Page : 91

File# : Yu Da Fu
Site : 3M CHAMBER
Limit : FCC PART15 CLASS_B
EUT : Digital Picture Frame M/N:SPDPF84M
Power : AC 120V/60Hz
Note : CONNECT TO PC

Time : 2007/05/09 - 00:56
Probe : VULB9163 - VERTICAL
Margin : 6
Std : 30
Trace :



	Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	I		61.040	36.940	24.270	-3.660	40.000	12.270	0.400	0.000	0.000	0.000	
2			101.780	36.210	22.640	-7.290	43.500	12.970	0.600	0.000	0.000	0.000	
3			183.260	36.190	24.860	-7.310	43.500	10.730	0.600	0.000	0.000	0.000	