

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

DIGITAL PICTURE FRAME

Model No.: SPDPF70P, DPF388, DMP838

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.  
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Report Number : E0703081F  
Date of Test : March 19, 2007 to May 15, 2007  
Date of Report : May 15, 2007

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## TEST REPORT DESCRIPTION

Applicant : SHENZHEN YUDAFU ELECTRONIC CO., LTD.  
Manufacturer : SHENZHEN YUDAFU ELECTRONIC CO., LTD.  
EUT : DIGITAL PICTURE FRAME

(A) MODEL NO.: SPDPF70P, DPF388, DMP838

(B).SERIAL NO.: N/A

(C).POWER SUPPLY: AC 120V/60Hz, DC12V

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 : March 19, 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	:	SPDPF70P, DPF388, DMP838 (Note: The samples are the same, except the appearance is different; we prepare SPDPF70P for EMC test.)
AC/DC Adaptor	:	M/N: WT-090-2000 Input: AC 100-240V, 50-60Hz 0.6A Output: DC 9V/2A
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	:	March 19, 2007 to May 15, 2007
Date of Test	:	May 15, 2007

## 1.2. 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

## 1.3. 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

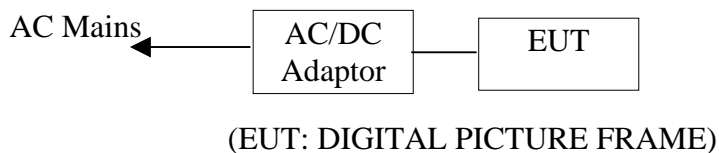
### 2.1. Test Equipment

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

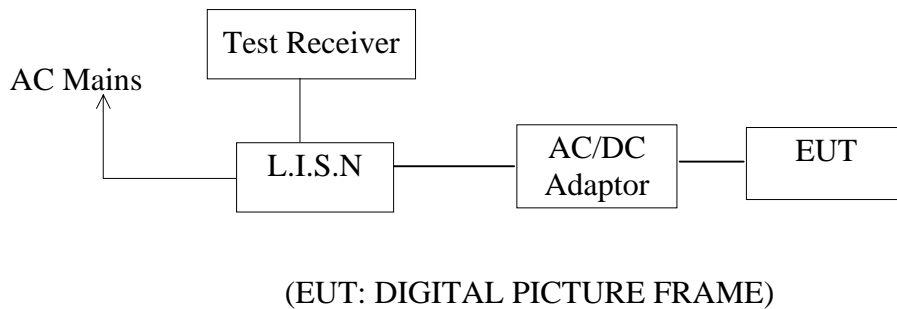
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCS30	8289851018	May 29, 2006	1 Year
2.	L.I.S.N.	Kyoritsu	KNW-407	8-1492-9	May 29, 2006	1 Year
3.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	May 29, 2006	1 Year
4.	RF Cable	FUJIKURA	RG-55/U	LISN Cable	May 29, 2006	1 Year

### 2.2. Block Diagram of Test Setup

2.2.1 Block diagram of connection between the EUT and simulators



2.2.2 Block diagram of test setup



### 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.

### DIGITAL PICTURE FRAME

EUT : DIGITAL PICTURE FRAME  
Model Number : SPDPF70P  
Power Line : Unshielded, Detachable,  $1.5\text{m} \leq 3.0\text{m}$

## 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 (ON) 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	: March 20, 2007	Temperature	: 22°C
EUT	: DIGITAL PICTURE FRAME	Humidity	: 50%
M/N	: SPDPF70P	Test Mode	: ON

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	0.150	61.40	38.90	66.00	56.00	-4.60	-17.10
	0.205	54.10	38.10	63.41	53.41	-9.31	-15.31
	0.260	45.80	30.30	61.43	51.43	-15.63	-21.13
Line	0.150	61.10	41.20	66.00	56.00	-4.90	-14.80
	0.220	53.70	40.50	63.21	53.21	-9.51	-12.71
	<b>30.000</b>	<b>51.20</b>	<b>48.90</b>	<b>60.00</b>	<b>50.00</b>	<b>-8.80</b>	<b>-1.10</b>
Remark: 1. The worst emission is detected at 30.000MHz with corrected AV signal level of 48.90dB(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

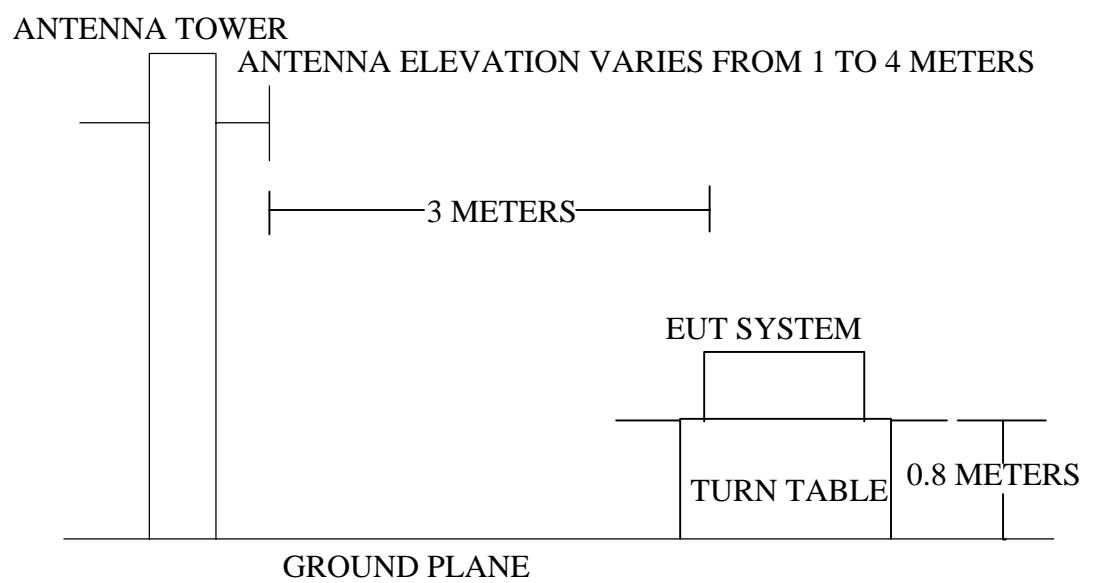
### 3.2. Block Diagram of Test Setup

#### 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 : SPDPF70P

Serial Number : N/A

### 3.5.Operating Condition of EUT

1. Setup the EUT as shown in Section 3.2.
2. Let the EUT work in test mode ((USB MODE/VIDEO Mode)) 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 an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2003 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 ((USB MODE/VIDEO Mode)) is tested in chamber and all the scanning waveforms are attached in Appendix II.

### 3.7.Radiated Emission Noise Measurement Result

**PASS.**

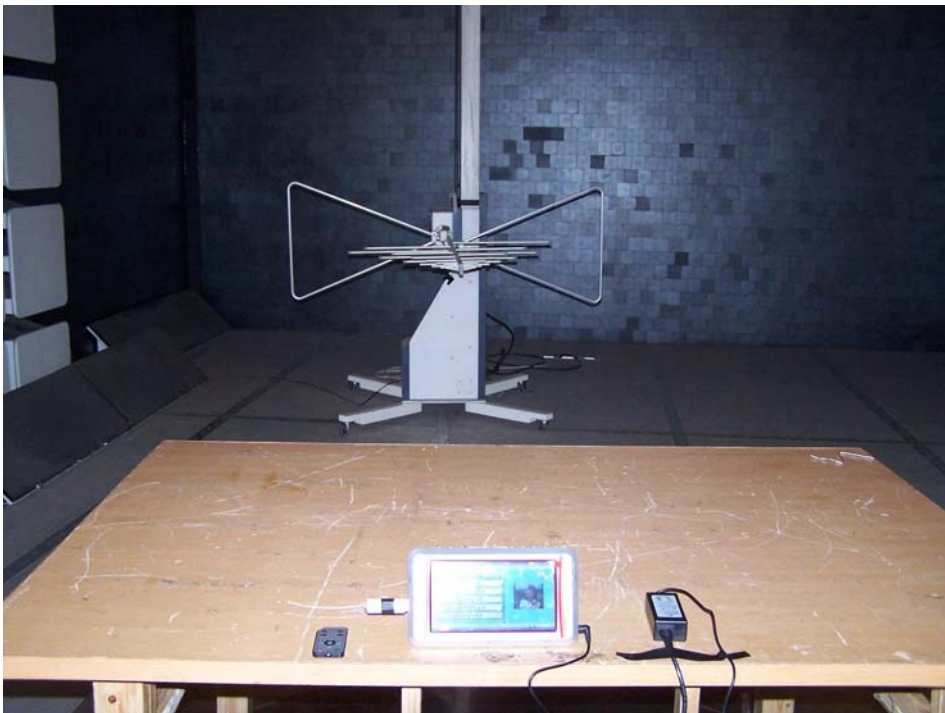
The frequency range from 30MHz to 1000MHz is investigated.

## 4. PHOTOGRAPH

### 4.1.Photos of Conducted Emission Measurement



### 4.2.Photo of Radiated Measurement



# APPENDIX I

## CONDUCTION EMISSION STANDARD FCC Part15

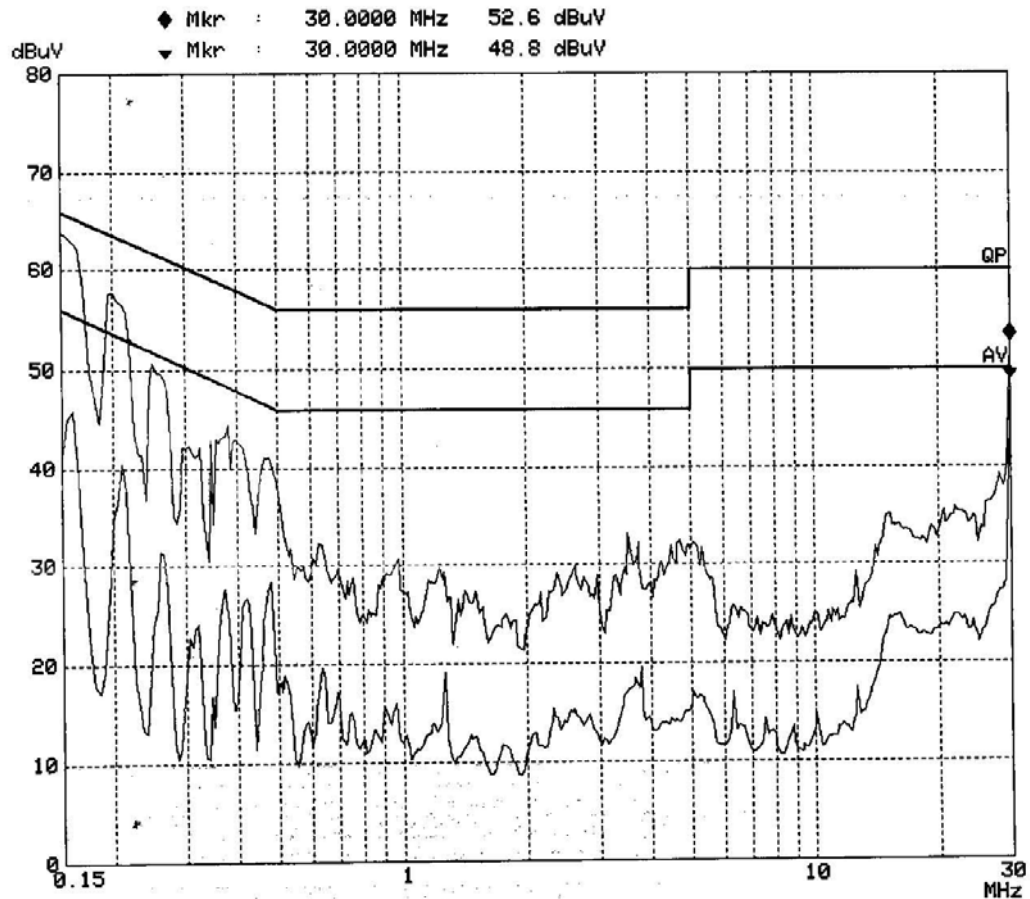
EUT: Digital Picture Frame M/N:SPDPF70P  
 Manuf: YUDAFU  
 Op Cond: ON  
 Operator: LYM  
 Test Spec: L 120V/60Hz  
 Comment: Tem22c Humi50%  
 Date: 21. Mar 07 17:15

## 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 Part15**

EUT: Digital Picture Frame M/N:SPDPF70P  
Manuf: YUDAFU  
Op Cond: ON  
Operator: LYM  
Test Spec: N 120V/60Hz  
Comment: Tem22c Humi50%  
Date: 21. Mar 07 17:07

## 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

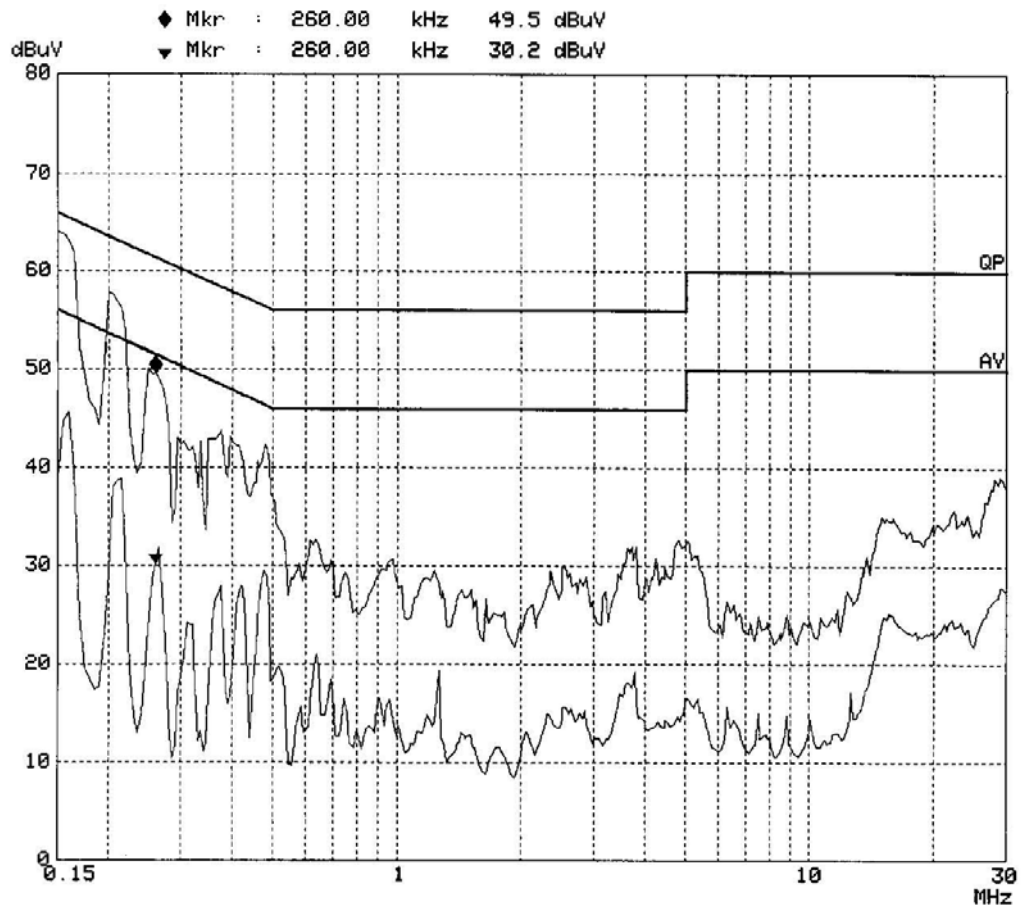
Transducer No.	Start	Stop	Name
1	9k	30M	CONFAC1

Final Measurement: x QP / + AV

Meas Time: 1 s

Subranges: 25

Acc Margin: 6dB



## APPENDIX II

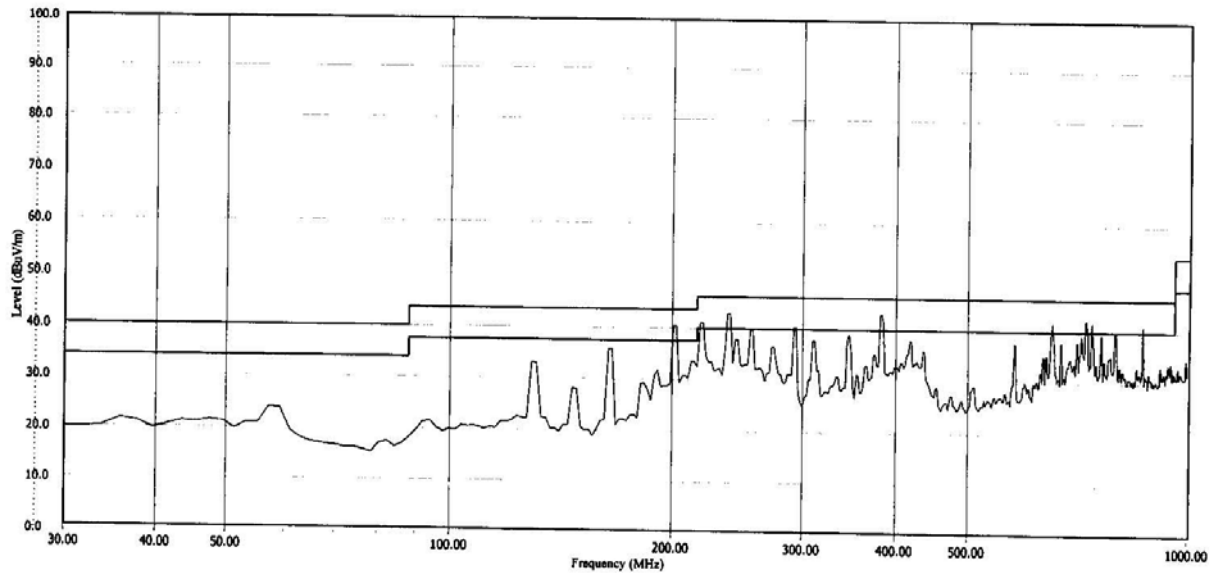
**Shenzhen EMTEK Co., Ltd.**

Page : 121 Total Page : 135

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

File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : AC 120V/60Hz  
Note : VIDEO PLAYING

Time : 2007/03/24 - 11:18  
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
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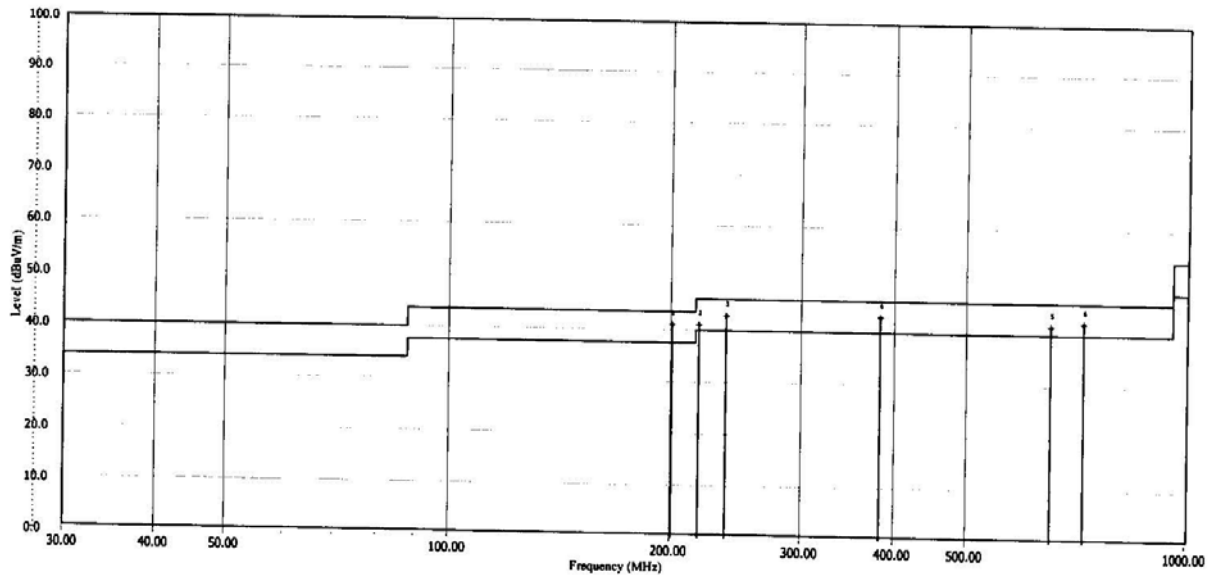
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Tel: (0755)26954280 Fax: (0755)26954282

File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : AC 120V/60Hz  
Note : VIDEO PLAYING

Time : 2007/03/24 - 11:19  
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	I	200.720	41.045	29.565	-2.455	43.500	10.880	0.600	0.000	0.000	0.000	
2	I	218.180	41.070	29.300	-4.930	46.000	11.170	0.600	0.000	0.000	0.000	
3	I	237.580	42.760	29.630	-3.240	46.000	12.330	0.800	0.000	0.000	0.000	
4	I	383.080	42.890	25.480	-3.110	46.000	16.410	1.000	0.000	0.000	0.000	
5	I	652.740	41.550	20.340	-4.450	46.000	20.010	1.200	0.000	0.000	0.000	
6	I	724.520	42.160	19.460	-3.840	46.000	21.500	1.200	0.000	0.000	0.000	

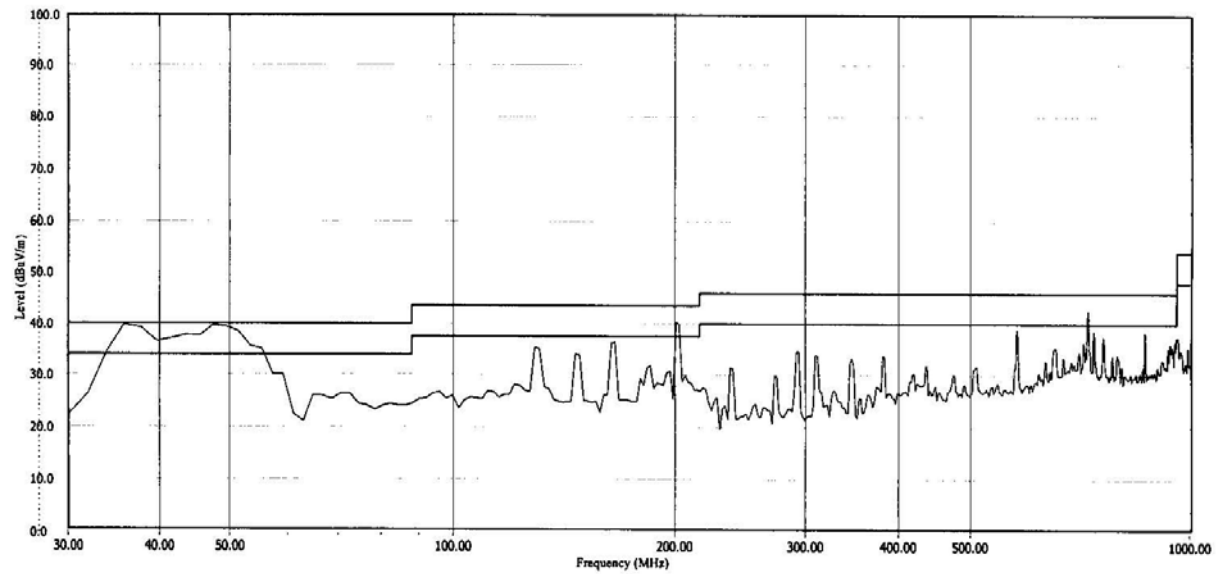


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 Tel: (0755)26954280    Fax: (0755)26954282

File# : YUDAFU  
 Site : 3M CHAMBER  
 Limit : FCC PART15 CLASS\_B  
 EUT : Digital Picture Frame M/N:SPDPF70P  
 Power : AC 120V/60Hz  
 Note : VIDEO PLAYING

Time : 2007/03/24 - 11:21  
 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
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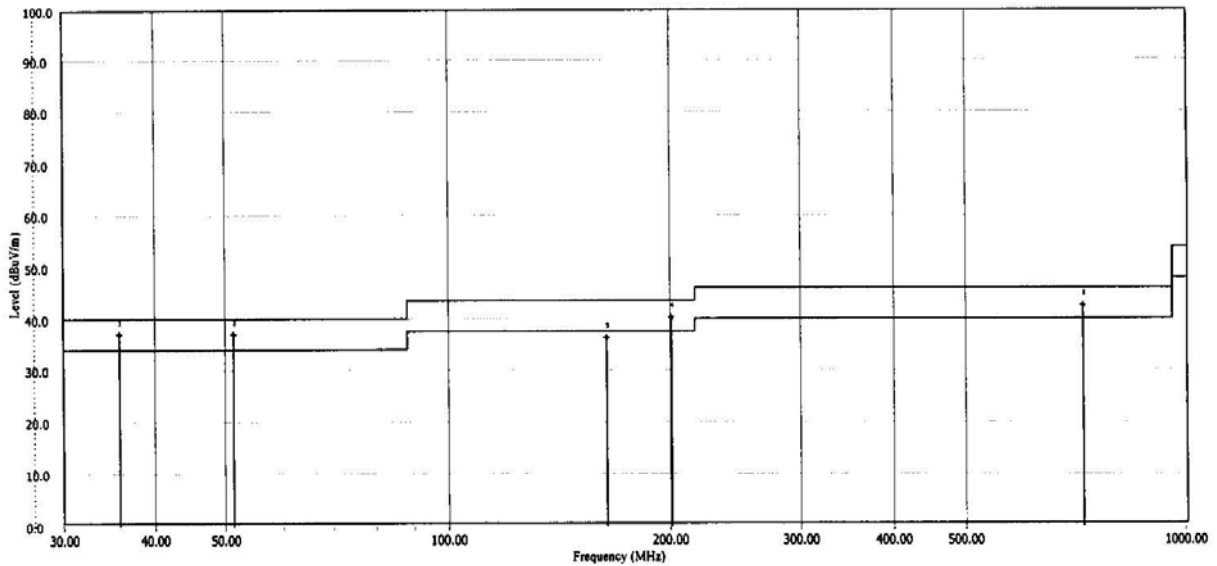


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EUT : Digital Picture Frame M/N:SPDPF70P  
Power : AC 120V/60Hz  
Note : VIDEO PLAYING

Time : 2007/03/24 - 11:21  
Probe : VULB9163 - VERTICAL  
Margin : 6  
Std : 30  
Trace :



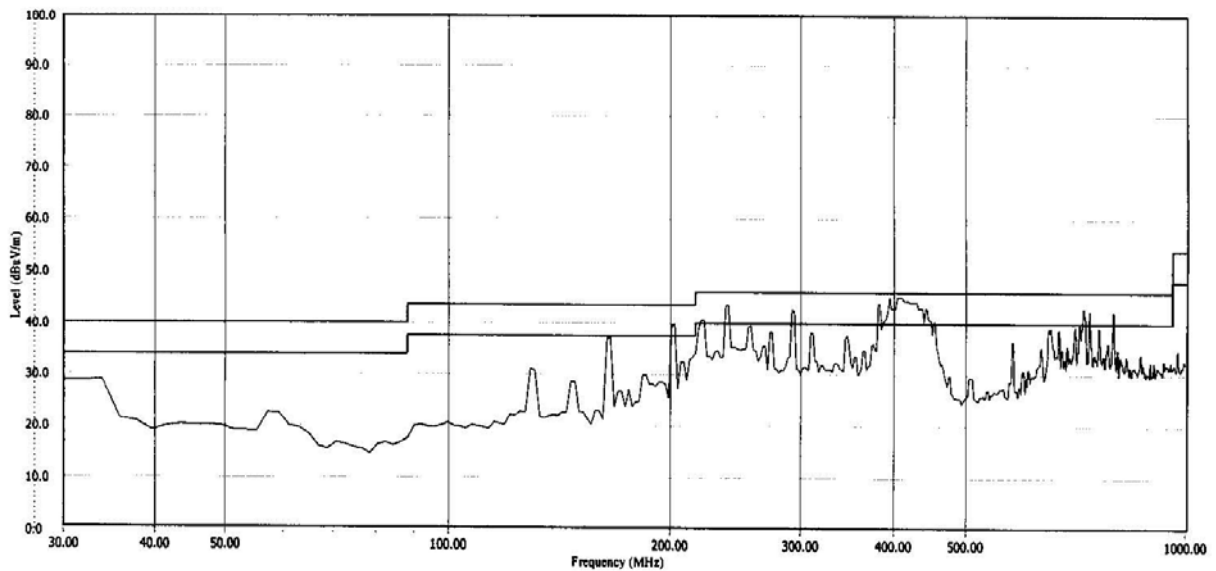
	Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	I	*	35.820	36.940	22.740	-3.060	40.000	14.000	0.200	0.000	0.000	0.000	
2	I		51.340	36.940	23.570	-3.060	40.000	13.170	0.200	0.000	0.000	0.000	
3			163.860	36.280	26.770	-7.220	43.500	8.910	0.600	0.000	0.000	0.000	
4	I		200.720	40.310	26.810	-3.190	43.500	12.900	0.600	0.000	0.000	0.000	
5	I		724.520	42.540	19.350	-3.460	46.000	21.990	1.200	0.000	0.000	0.000	

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File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : DC 12V  
Note : VIDEO PLAYING

Time : 2007/03/24 - 11:28  
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
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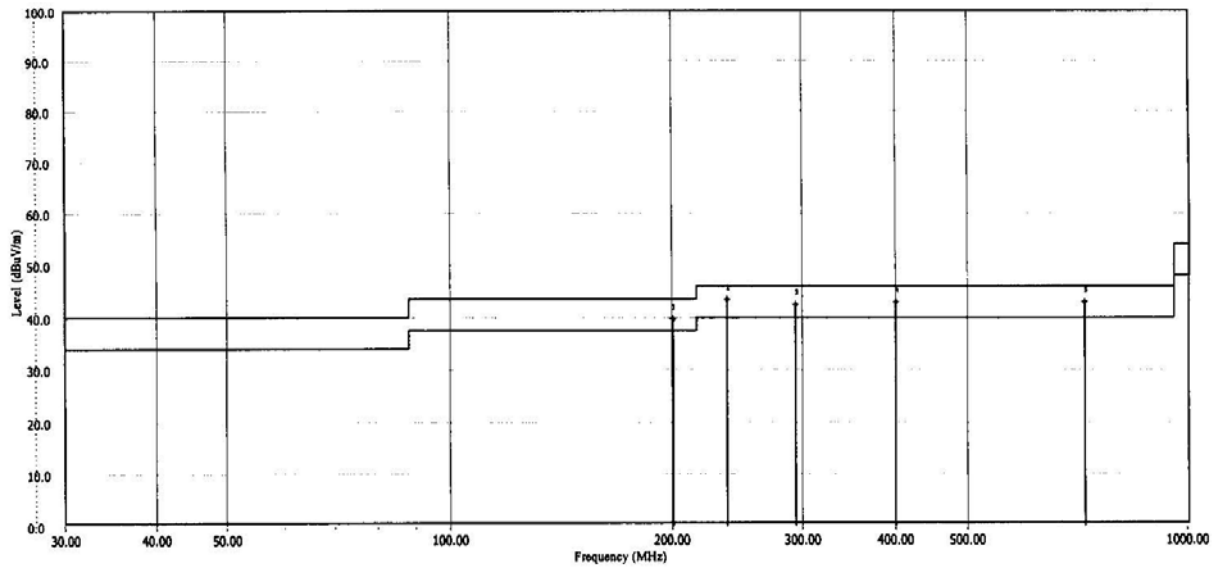


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Power : DC 12V  
Note : VIDEO PLAYING

Time : 2007/03/24 - 11:28  
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	I	200.720	39.690	28.210	-3.810	43.500	10.880	0.600	0.000	0.000	0.000	
2	I	237.580	43.400	30.270	-2.600	46.000	12.330	0.800	0.000	0.000	0.000	
3	I	293.840	42.490	28.530	-3.510	46.000	13.160	0.800	0.000	0.000	0.000	
4	I	400.540	42.910	24.830	-3.090	46.000	17.080	1.000	0.000	0.000	0.000	
5	I	724.520	42.910	20.210	-3.090	46.000	21.500	1.200	0.000	0.000	0.000	

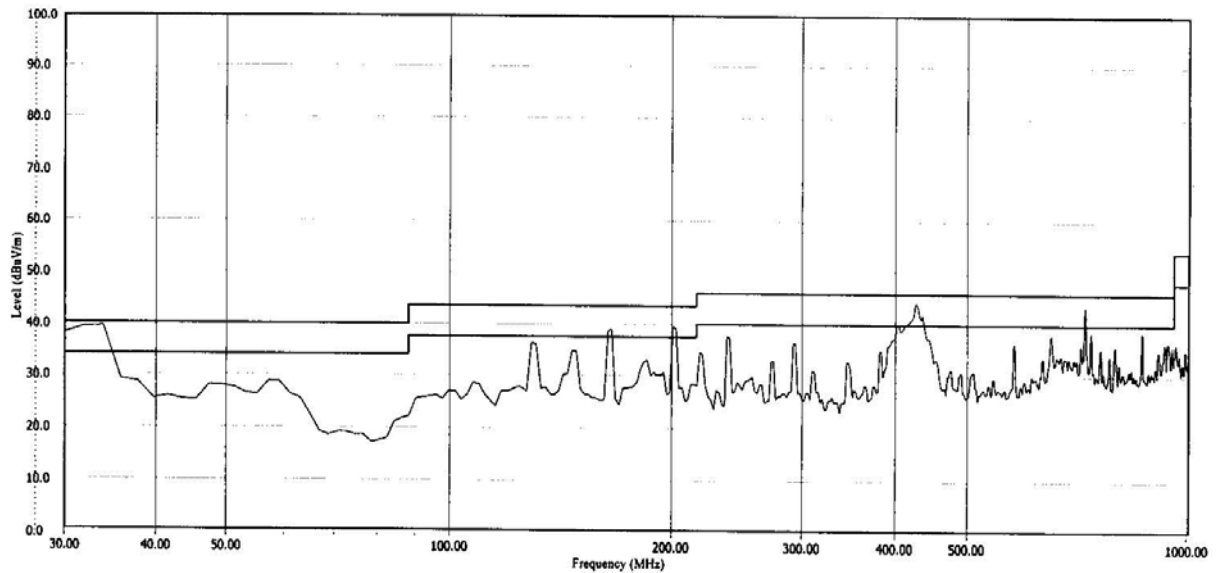
**Shenzhen EMTEK Co., Ltd.**

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File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : DC 12V  
Note : VIDEO PLAYING

Time : 2007/03/24 - 11:24  
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
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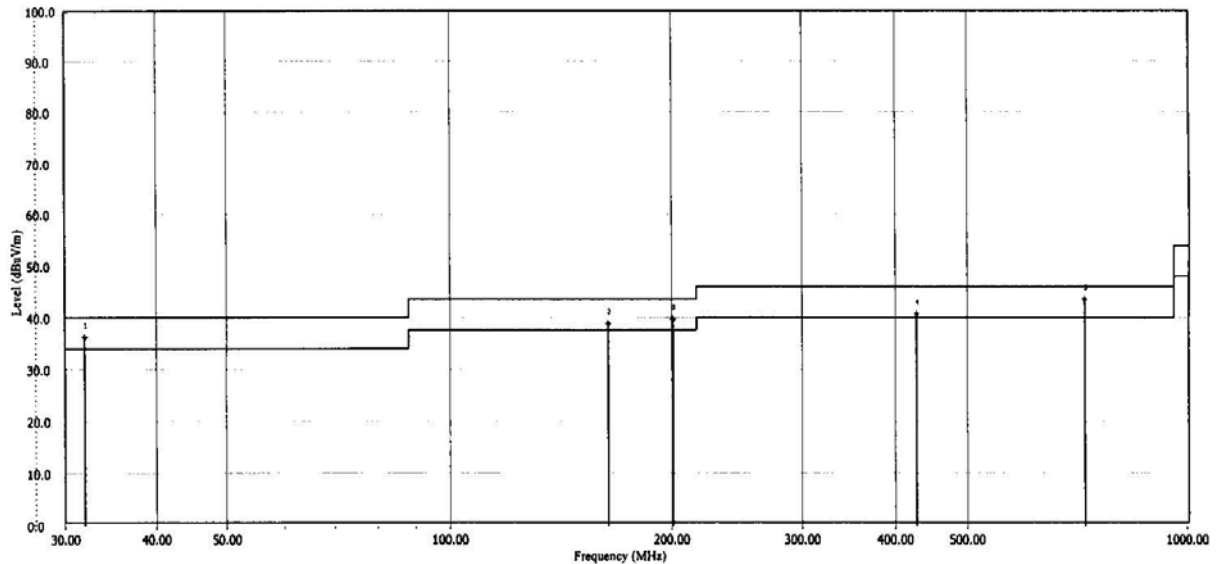


## Shenzhen EMTEK Co., Ltd.

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

File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : DC 12V  
Note : VIDEO PLAYING

Time : 2007/03/24 - 11:25  
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	31.940	36.194	22.284	-3.806	40.000	13.510	0.400	0.000	0.000	0.000	
2	I	163.860	38.780	29.270	-4.720	43.500	8.910	0.600	0.000	0.000	0.000	
3	I	200.720	39.580	26.080	-3.920	43.500	12.900	0.600	0.000	0.000	0.000	
4	I	427.700	40.672	22.992	-5.328	46.000	16.480	1.200	0.000	0.000	0.000	
5	I	724.520	43.460	20.270	-2.540	46.000	21.990	1.200	0.000	0.000	0.000	

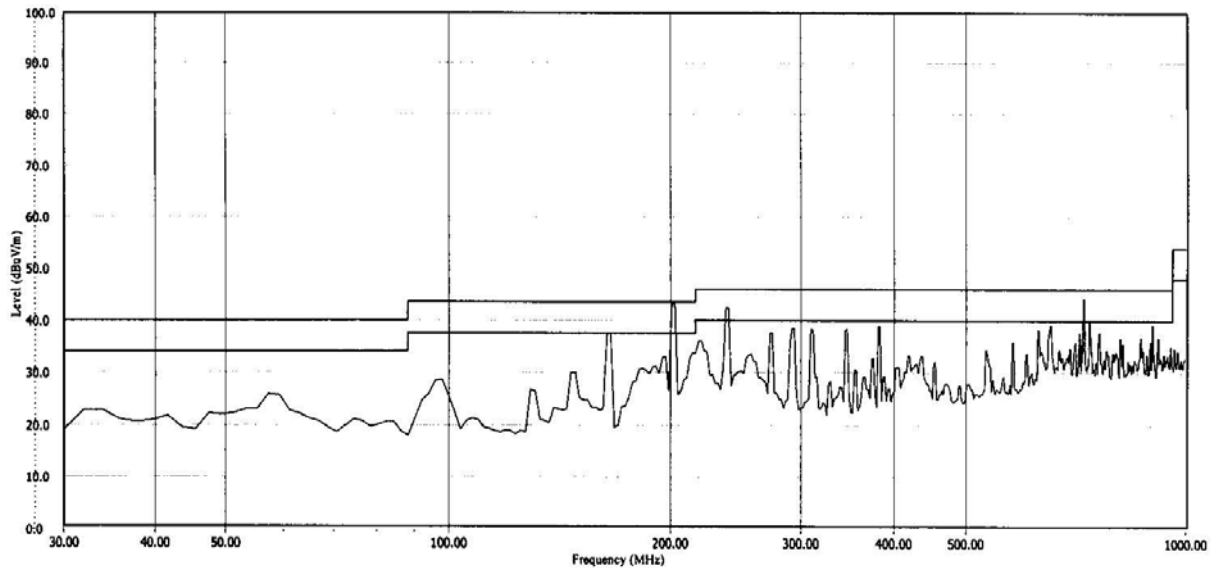
**Shenzhen EMTEK Co., Ltd.**

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China  
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Page : 139 Total Page : 140

File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : AC 120V/60Hz  
Note : USB MODE

Time : 2007/03/27 - 19:09  
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
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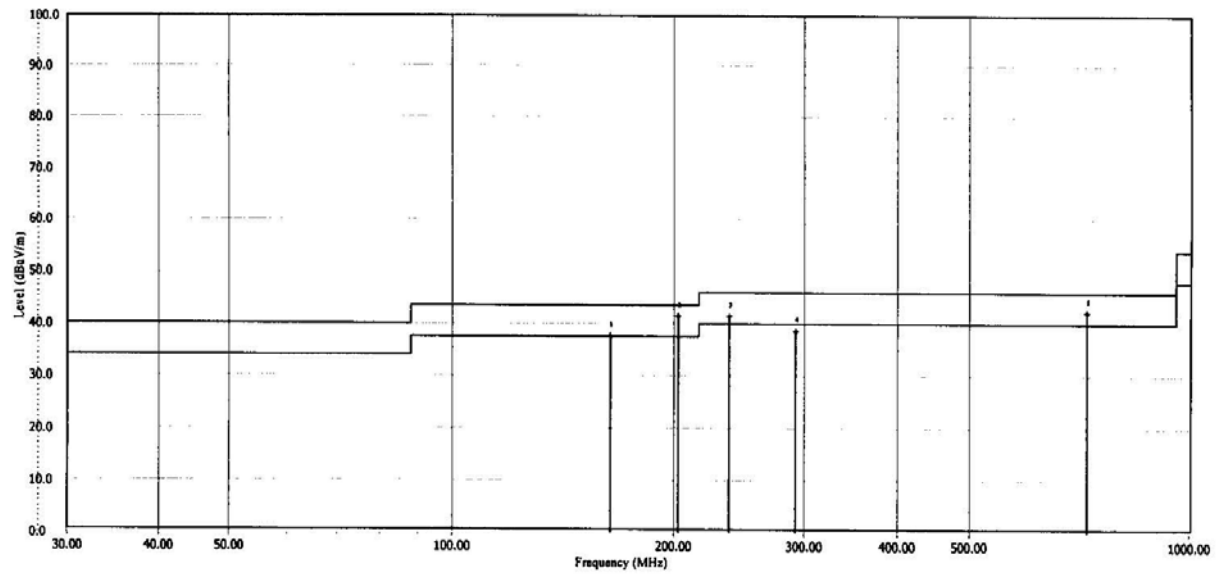


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File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : AC 120V/60Hz  
Note : USB MODE

Time : 2007/03/27 - 19:09  
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	I	163.860	37.550	28.090	-5.950	43.500	8.860	0.600	0.000	0.000	0.000	
2	I	202.660	41.418	29.908	-2.082	43.500	10.910	0.600	0.000	0.000	0.000	
3	I	237.580	41.418	28.288	-4.582	46.000	12.330	0.800	0.000	0.000	0.000	
4	I	291.900	38.510	24.520	-7.490	46.000	13.190	0.800	0.000	0.000	0.000	
5	I	724.520	42.164	19.464	-3.836	46.000	21.500	1.200	0.000	0.000	0.000	

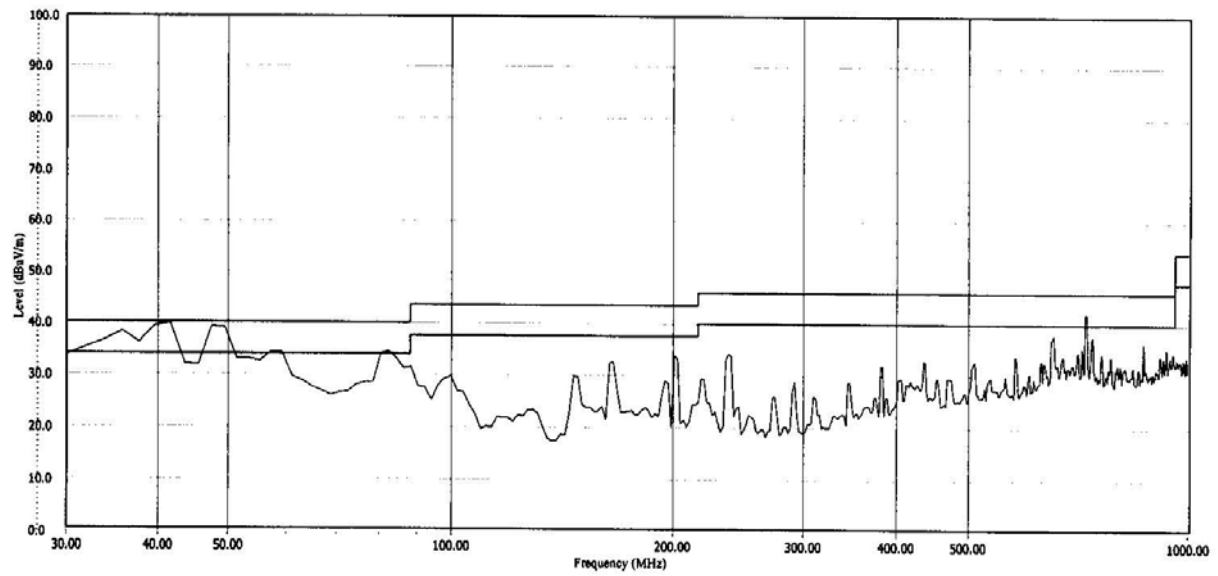
**Shenzhen EMTEK Co., Ltd.**

Bldg 69, Majialong, Taipinyang Industry Zone, Nanshan District, Shenzhen Guangdong, China  
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File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : AC 120V/60Hz  
Note : USB MODE

Time : 2007/03/27 - 19:07  
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
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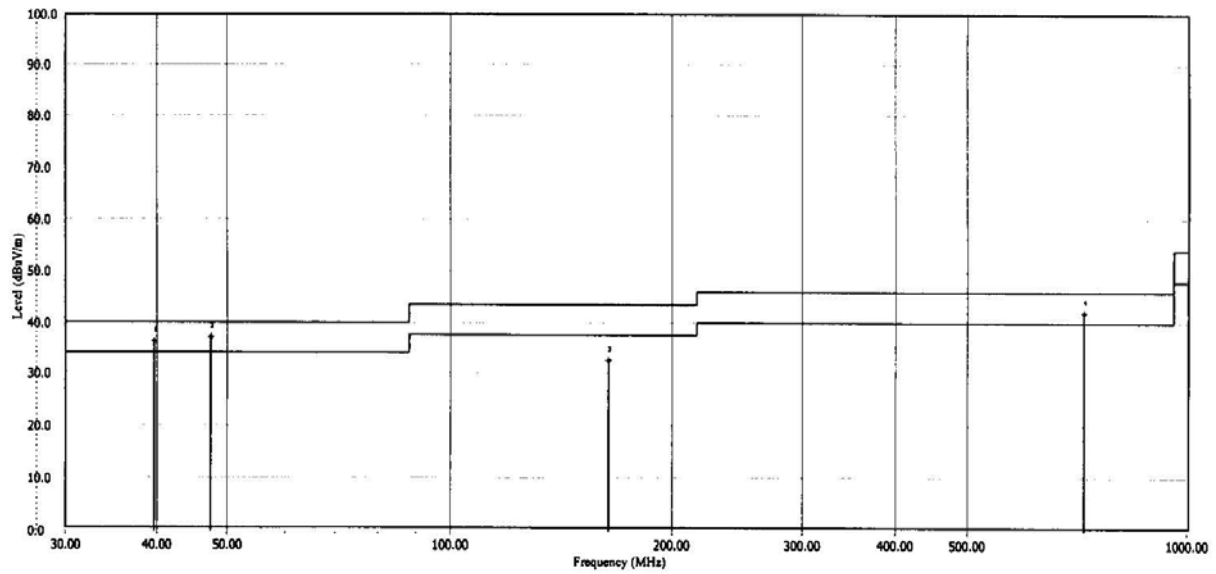


## Shenzhen EMTEK Co., Ltd.

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File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : AC 120V/60Hz  
Note : USB MODE

Time : 2007/03/27 - 19:08  
Probe : VULB9163 - VERTICAL  
Margin : 6  
Std : 30  
Trace :



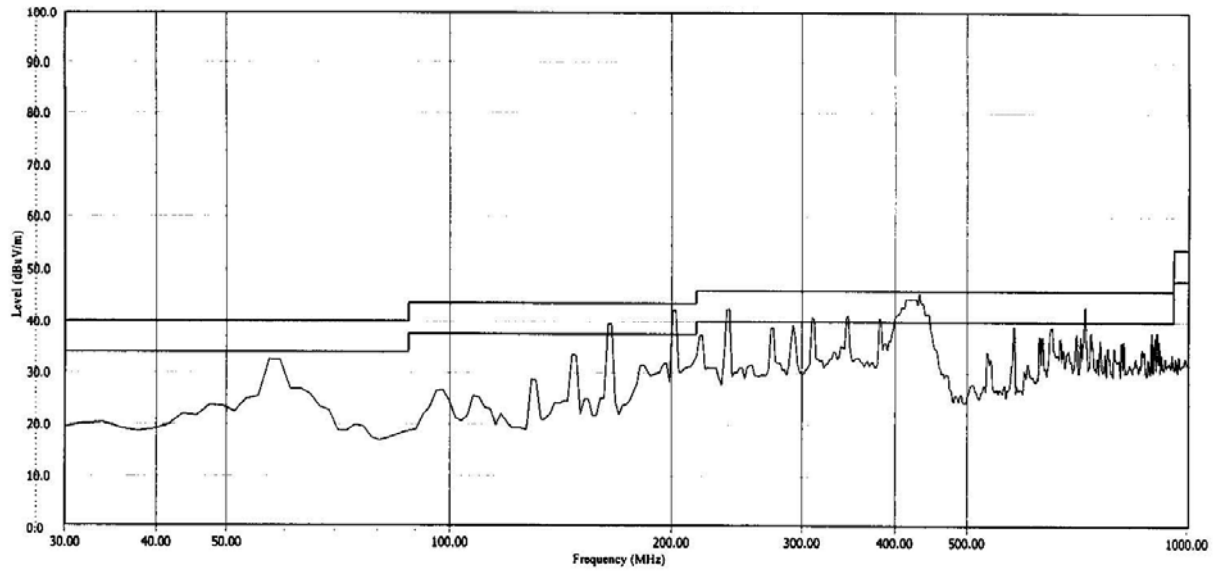
Flag	Mark	Freq (MHz)	Measure Level (dB)	Reading Level (dBuV)	Over Limit (dBuV/m)	Limit (dBuV/m)	Probe Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		39.700	36.194	22.294	-3.806	40.000	13.500	0.400	0.000	0.000	0.000	
2		47.460	36.940	23.060	-3.060	40.000	13.480	0.400	0.000	0.000	0.000	
3		163.860	32.490	22.980	-11.010	43.500	8.910	0.600	0.000	0.000	0.000	
4		722.580	41.910	18.670	-4.090	46.000	22.040	1.200	0.000	0.000	0.000	

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File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : DC 12V  
Note : USB MODE

Time : 2007/03/27 - 19:16  
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
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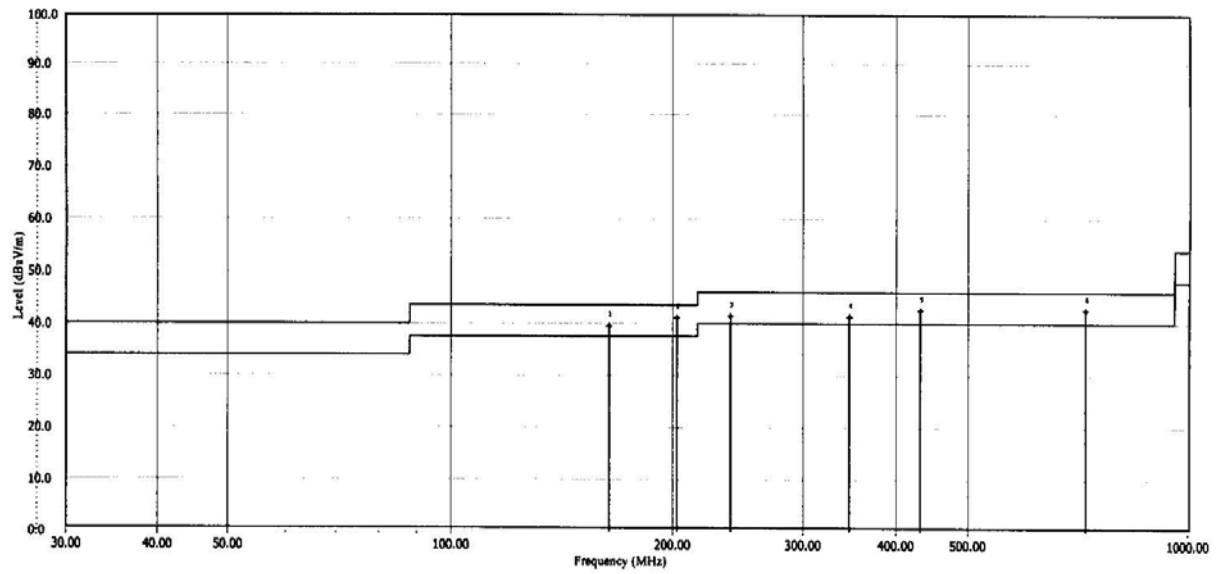


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File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : DC 12V  
Note : USB MODE

Time : 2007/03/27 - 19:17  
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	I	163.860	39.490	30.030	-4.010	43.500	8.860	0.600	0.000	0.000	0.000	
2	I	202.660	41.045	29.535	-2.455	43.500	10.910	0.600	0.000	0.000	0.000	
3	I	239.520	41.418	28.158	-4.582	46.000	12.460	0.800	0.000	0.000	0.000	
4	I	346.220	41.250	25.490	-4.750	46.000	14.960	0.800	0.000	0.000	0.000	
5	I	431.580	42.537	23.877	-3.463	46.000	17.460	1.200	0.000	0.000	0.000	
6	I	724.520	42.537	19.837	-3.463	46.000	21.500	1.200	0.000	0.000	0.000	

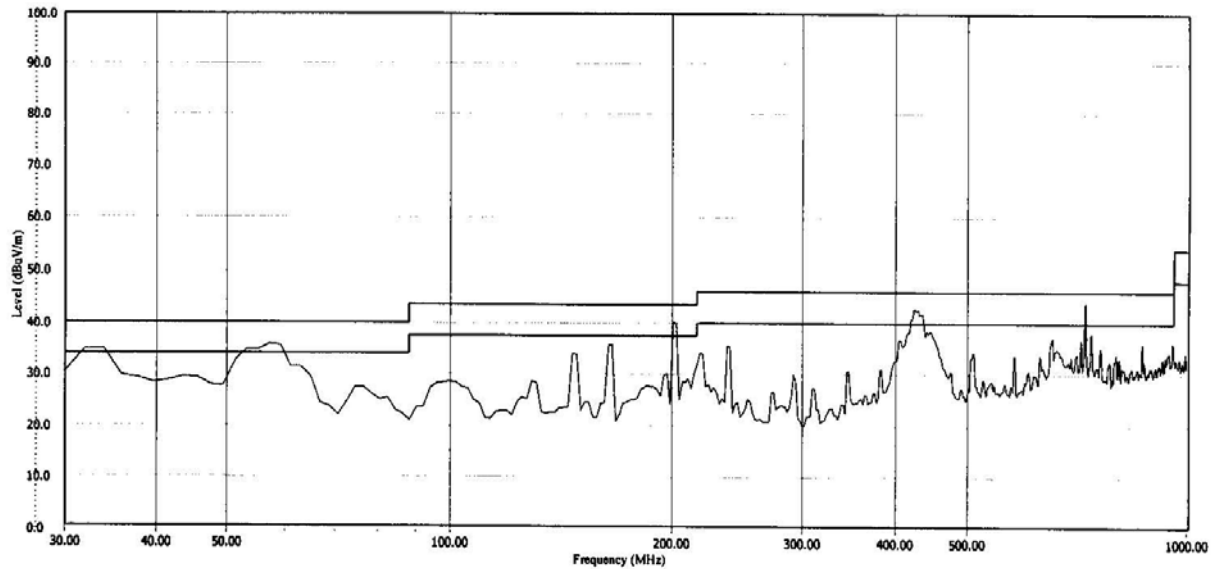
**Shenzhen EMTEK Co., Ltd.**

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File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : DC 12V  
Note : USB MODE

Time : 2007/03/27 - 19:22  
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
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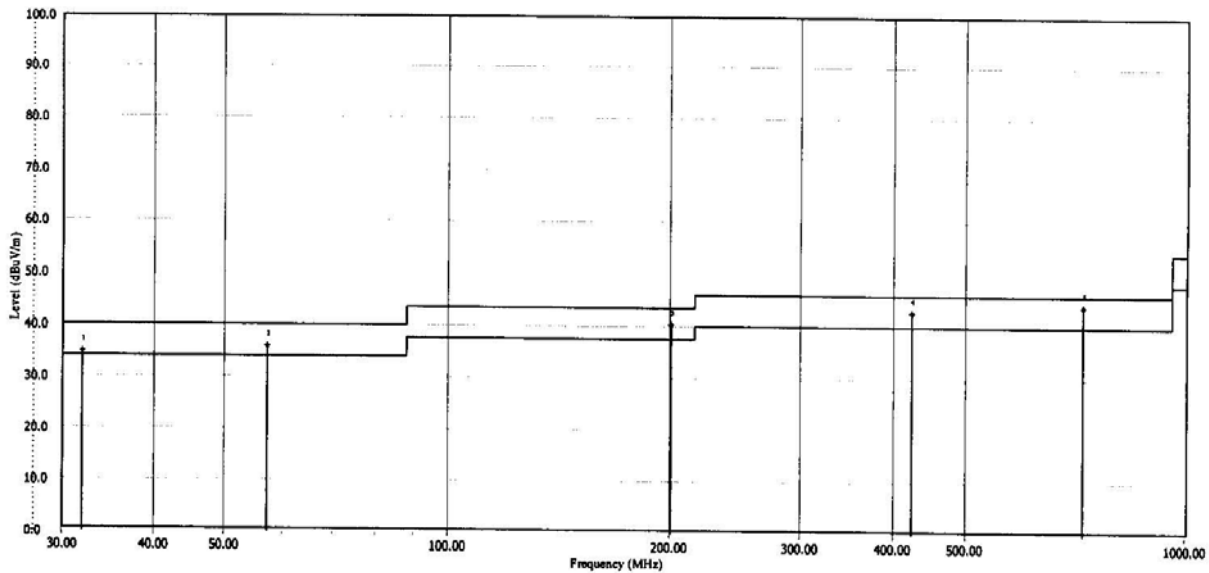
# Shenzhen EMTEK Co., Ltd.

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File# : YUDAFU  
Site : 3M CHAMBER  
Limit : FCC PART15 CLASS\_B  
EUT : Digital Picture Frame M/N:SPDPF70P  
Power : DC 12V  
Note : USB MODE

Time : 2007/03/27 - 19:23  
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	31.940	34.730	20.820	-5.270	40.000	13.510	0.400	0.000	0.000	0.000	
2	I	57.160	35.800	22.550	-4.200	40.000	12.850	0.400	0.000	0.000	0.000	
3	I	200.720	40.250	26.750	-3.250	43.500	12.900	0.600	0.000	0.000	0.000	
4	I	423.820	42.770	25.290	-3.230	46.000	16.480	1.000	0.000	0.000	0.000	
5	I	724.520	43.920	20.730	-2.080	46.000	21.990	1.200	0.000	0.000	0.000	