SGS-CSTC Standards Technical Services Co., Ltd.

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District Shenzhen, China 518057

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FCC Test Report

Application No.:	SZEMO101006405IT
Applicant/Manufacturer/ Factory:	Shenzhen GBD Electronic CO., LTD.
Address of Applicant/ Manufacturer/Factory:	5/F, Block 4, LianChuang Tech-Park, Buji Town, ShenZhen, China

Equipment Under Test (EUT):

EUT Name:	digital photo frame
Item No.:	GB-1200D
FCC ID:	YVOGBD-GB-1200D
Standards:	FCC PART15 SUBPART B:2009
Date of Receipt:	2010-10-13
Date of Test:	2010-10-13 to 2010-10-14
Date of Issue:	2010-10-22

Test Result :	**Pass***

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Jack Zhang
EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.
If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.
The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. All test results in this report can be traceable to National or International Standards.

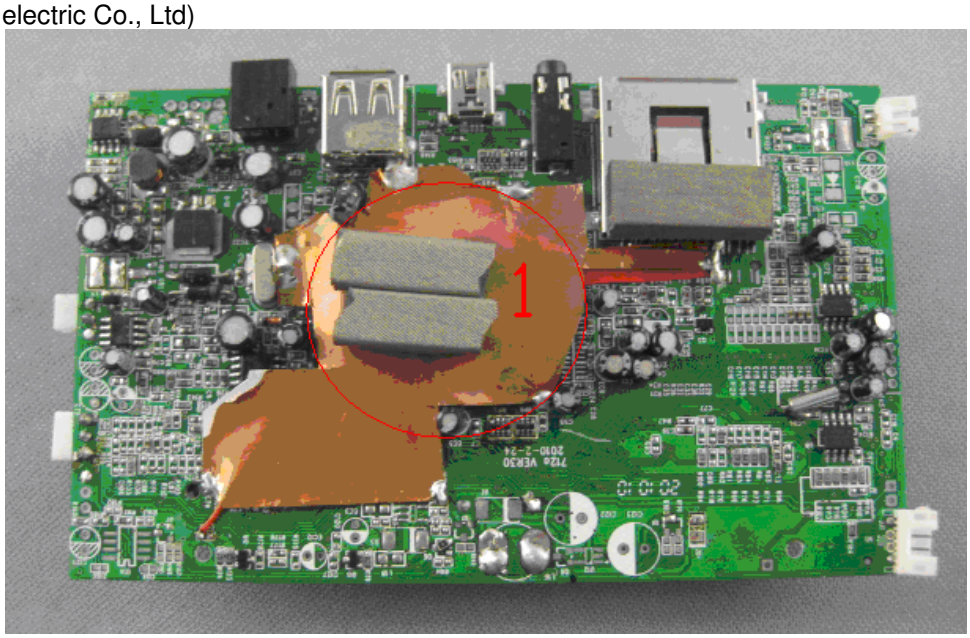
2 Test Summary

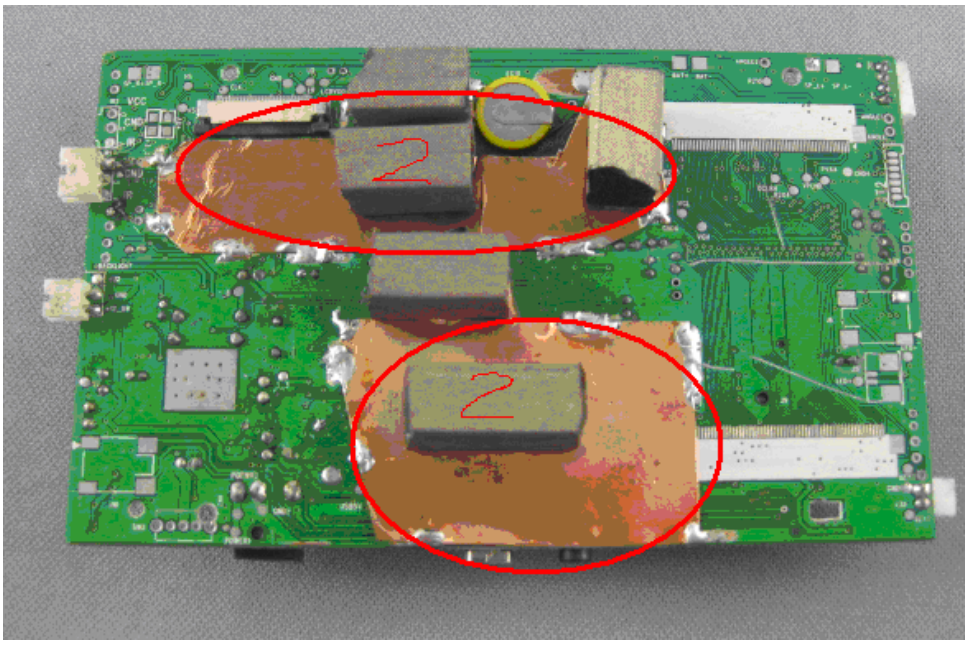
Test	Test Requirement	Test Method	Class / Severity	Result
Radiated Emission (30MHz to 1GHz)	FCC PART 15, SUBPART B: 2009	ANSI C63.4:2009	Class B	PASS**
Conducted Emission (150KHz to 30MHz)	FCC PART 15, SUBPART B: 2009	ANSI C63.4:2009	Class B	PASS

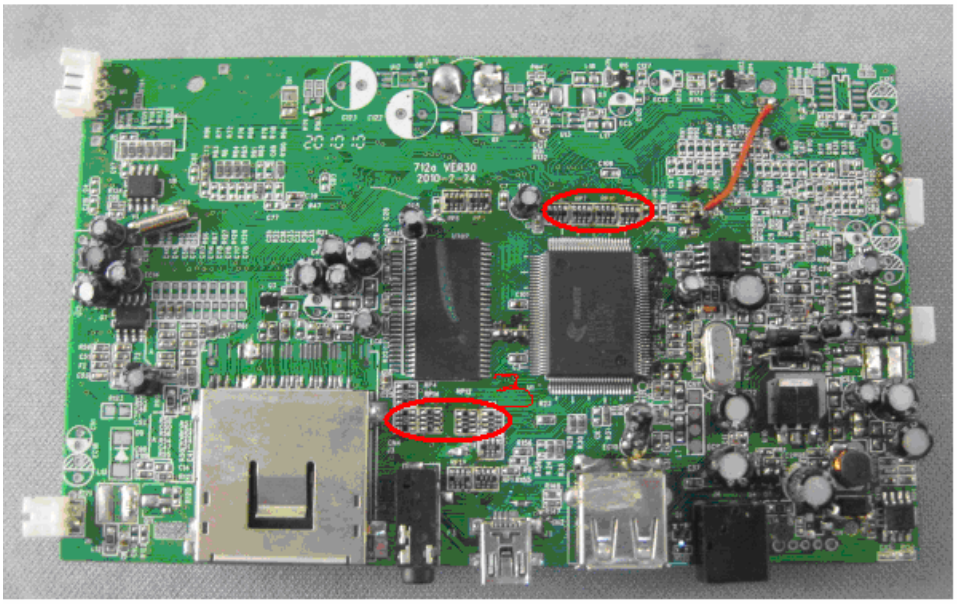
Remark :

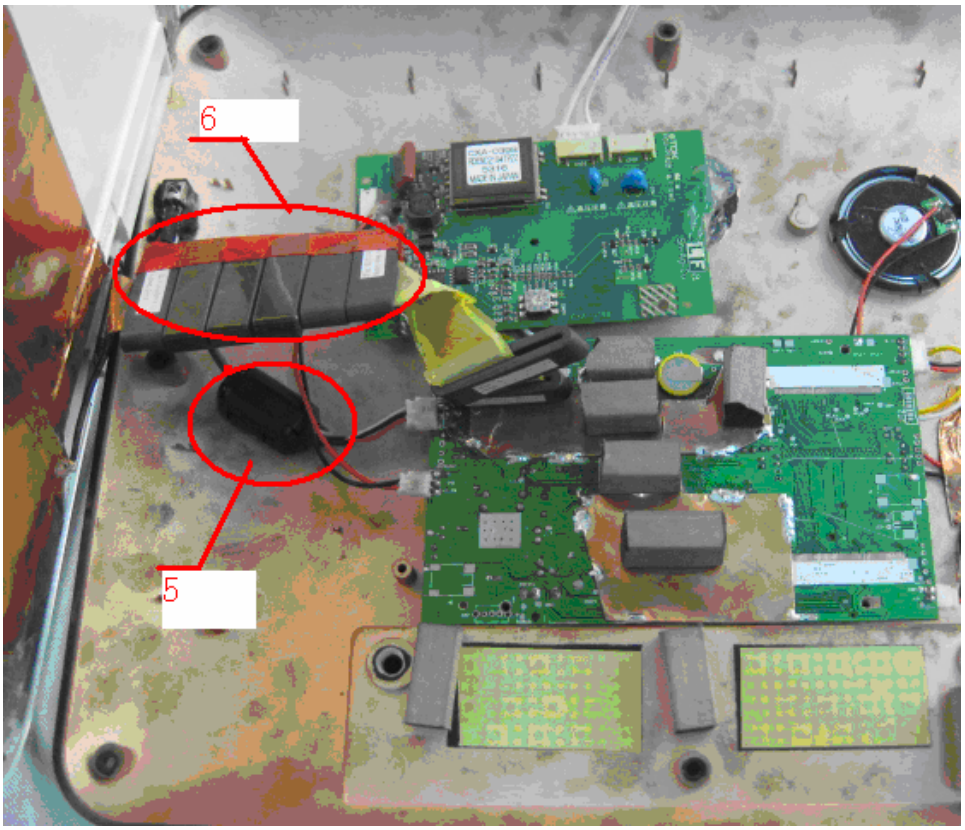
**: The EUT passed the Radiated Emission test after modification. See information and pictures below.

1. Shield the part of PCB backplane with copper foil. (manufacturer: Shenzhen XunYao electric Co., Ltd.)
2. Stick electric foam on the bottom of the PCB and let it conect with the painted enclosure.
3. The SMD DIP(PR5 and PR10) Change into 220 Ohm.
4. Change the R14 into 4.7K and bunch a resister of 560 Ohm in the line of XTALO.
5. Adding a magnet ring on the distant control line (model: UF-70, Shenzhen Sanbao electric Co., Ltd)
6. Shield the LCD screen line with copper foil and bunch 6 magnet ring. (model: FS40*6, size: 5*12, Shenzhen Sanbao electric Co., Ltd)
7. Adding two magnet ring on the USB line close to two terminals, (model: 5*10*20, Shenzhen Sanbao electric Co., Ltd)









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REMARK : 2

**: THE EUT PASSED THE RADIATED EMISSION TEST AFTER MODIFICATION. SEE INFORMATION AND PICTURES BELOW. 2

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4 General Information

4.1 Details of E.U.T.

Power Supply: MODEL : HL-12/2-8E6S
INPUT : AC 100-240V 50/60Hz 680mA Max
OUTPUT : DC 12V 2A
Test voltage : AC 120V 60Hz
3.0V DC (3.0V x 1 "CR2025" Button Cell)
The highest frequency of EUT: 27MHz

USB cable: 80cm

DC output cable: 140cm

4.2 Description of Support Units

The EUT has been tested with associated equipment below.

Description	Manufacturer	Model No.
PC (1)	DELL	OPTIPLEX 755
LCD-displaying	DELL	E1909WF
KEYBOARD	DELL	SK-8115
MOUSE	DELL	MOC5110
PC (2)	DELL	OPTIDLEX 330
LCD-displaying	DELL	SP2208WFPT
KEYBOARD	DELL	SK-8115
MOUSE	DELL	MOC5110
Coder	HengTong ELECTRON	HT4000
Printer	Canon	BJC-1000SP

4.3 Standards Applicable for Testing

The customer requested FCC tests for digital photo frame.
The standard used was FCC PART 15, SUBPART B, CLASS B.

4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch E&E Lab,

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.5 Test Facility

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

- **CNAS (No. CNAS L2929)**
  CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.
- **VCCI**
  The 3m Semi-anechoic chamber and Shielded Room (7.5m x 4.0m x 3.0m) of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-2197 and C-2383 respectively.
  Date of Registration: September 29, 2008. Valid until September 28, 2011.
- **FCC – Registration No.: 556682**
  SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen 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 556682, June 27, 2008.
- **Industry Canada (IC)**
  The 3m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1.

4.6 Deviation from Standards

None.

4.7 Abnormalities from Standard Conditions

None.

5 Equipments Used during Test

RE in Chamber						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (yyyy-mm-dd)**	**Cal.Due date (yyyy-mm-dd)**
1	3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEL0017	2010-06-17	2011-06-17
2	EMI Test Receiver	Rohde & Schwarz	ESIB26	SEL0023	2010-03-19	2011-03-19
3	EMI Test software	AUDIX	E3	SEL0050	N/A	N/A
4	Coaxial cable	SGS	N/A	SEL0028	2008-06-18	2011-06-18
5	BiConiLog Antenna (26-3000MHz)	ETS-LINDGREN	3142C	SEL0015	2009-11-05	2010-11-05
6	Pre-amplifier (0.1-1300MHz)	Agilent Technologies	8447D	SEL0053	2010-06-02	2011-06-02
7	Double-ridged horn (1-18GHz)	ETS-LINDGREN	3117	SEL0006	2009-11-10	2010-11-10
8	Horn Antenna (18-26GHz)	ETS-LINDGREN	3160	SEL0076	2009-11-10	2010-11-10
9	Pre-amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	SEL0080	2010-06-04	2011-06-04
10	Band filter	Amindeon	Asi 3314	SEL0094	2010-06-02	2011-06-01
11	Active Loop Antenna	Beijing Daze	ZN30900A	SEL0097	2010-08-10	2011-08-10

Conducted Emission						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (yyyy-mm-dd)**	**Cal.Due date (yyyy-mm-dd)**
1	Shielding Room	ZhongYu Electron	GB-88	SEL0042	N/A	N/A
2	LISN	ETS-LINDGREN	3816/2	SEL0021	2010-06-02	2011-06-02
3	8 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T8-02	EMC0120	2010-01-25	2011-01-25
4	4 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T4-02	EMC0121	2010-01-25	2011-01-25
5	2 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T2-02	EMC0122	2010-01-25	2011-01-25
6	EMI Test Receiver	Rohde & Schwarz	ESCI	SEL0022	2010-06-02	2011-06-02
7	Coaxial Cable	SGS	N/A	SEL0024	2008-06-18	2011-06-18

General used equipment						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (yyyy-mm-dd)**	**Cal.Due date (yyyy-mm-dd)**
1	Humidity/ Temperature Indicator	Shanghai	ZJ1-2B	SEL0101 to SEL0103	2010-10-21	2011-10-21
2	Barometer	ChangChun	DYM3	SEL0088	2010-06-08	2011-06-08

6 Test Results

6.1 Conducted Emissions Mains Terminals, 150kHz to 30MHz

Test Requirement:	FCC Part15 B
Test Method:	ANSI C63.4
Frequency Range:	150KHz to 30MHz
Class / Severity:	Class B
Detector:	Peak for pre-scan (9kHz Resolution Bandwidth)
	Quasi-Peak if maximised peak within 6dB of Quasi-Peak limit

6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 25.0 °C Humidity: 55 % RH Atmospheric Pressure: 1010 Mbar

EUT Operation: Test in read & write Int. memory mode, build the connection between EUT and PC, keep data exchanging with Int. memory.

Test in play with SD card mode, keep the EUT playing music and photo with SD card.

Test in play with USB stick mode, keep the EUT playing music and photo with USB stick.

Test in play with Int. memory mode, keep the EUT playing music and photo with Int. memory.

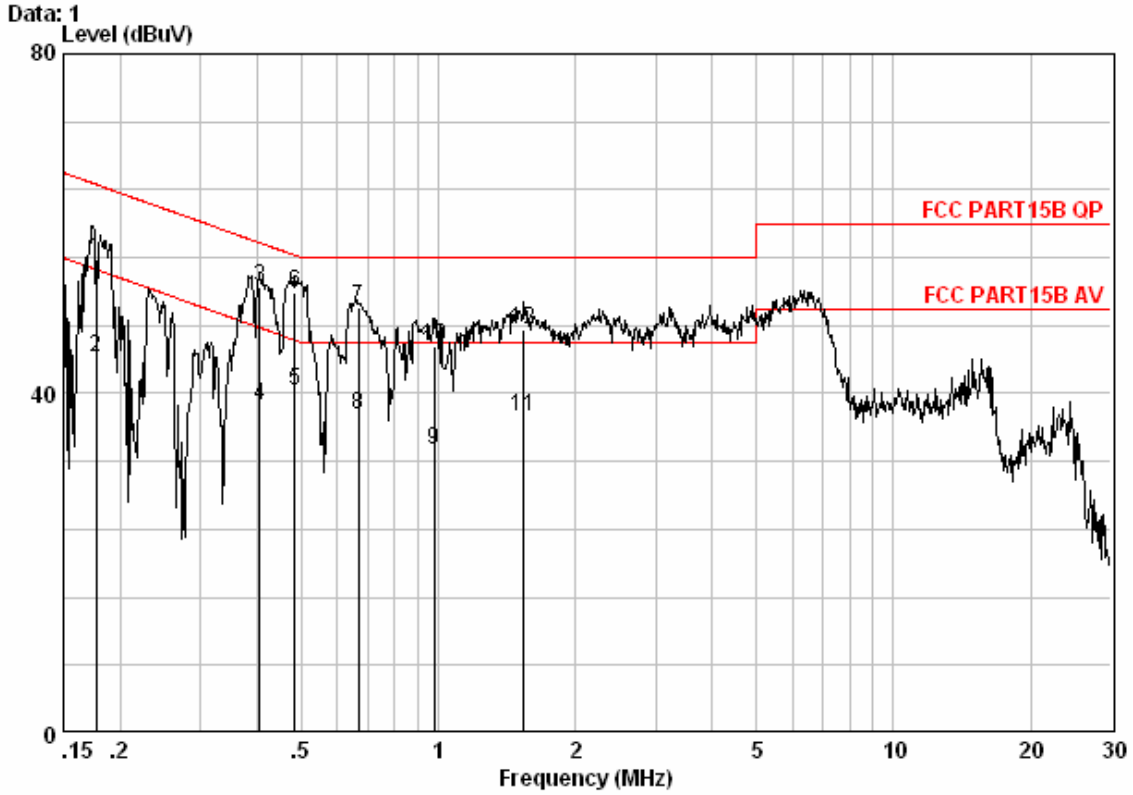
6.1.2 Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Read & write Int. memory

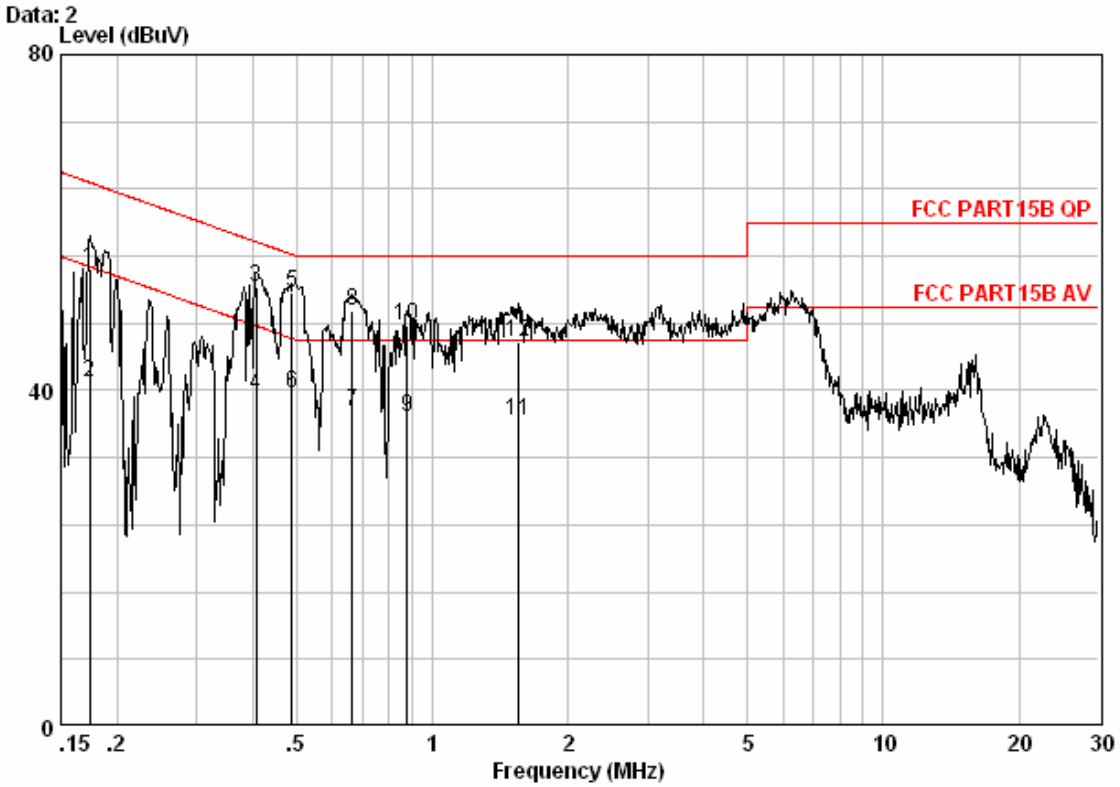
Line



Site : Shielding Room
Condition : FCC PART15B QP CE LINE
EUT : digital photo frame
Job No. : 6405IT
Mode : Read & write Int. memory

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 @	0.17700	0.04	-0.05	55.90	55.89	64.63	-8.73	QP
2	0.17700	0.04	-0.05	44.20	44.19	54.63	-10.43	Average
3 @	0.40500	0.06	-0.04	52.60	52.61	57.75	-5.14	QP
4	0.40500	0.06	-0.04	38.50	38.51	47.75	-9.24	Average
5 @	0.48300	0.06	-0.04	40.40	40.42	46.29	-5.87	Average
6 @	0.48300	0.06	-0.04	51.80	51.82	56.29	-4.47	QP
7 @	0.66700	0.06	-0.05	50.20	50.21	56.00	-5.79	QP
8 @	0.66700	0.06	-0.05	37.40	37.41	46.00	-8.59	Average
9	0.97800	0.08	-0.05	33.30	33.33	46.00	-12.67	Average
10	0.97800	0.08	-0.05	45.60	45.63	56.00	-10.37	QP
11 @	1.540	0.10	-0.06	37.30	37.35	46.00	-8.65	Average
12 @	1.540	0.10	-0.06	47.50	47.55	56.00	-8.45	QP

Neutral

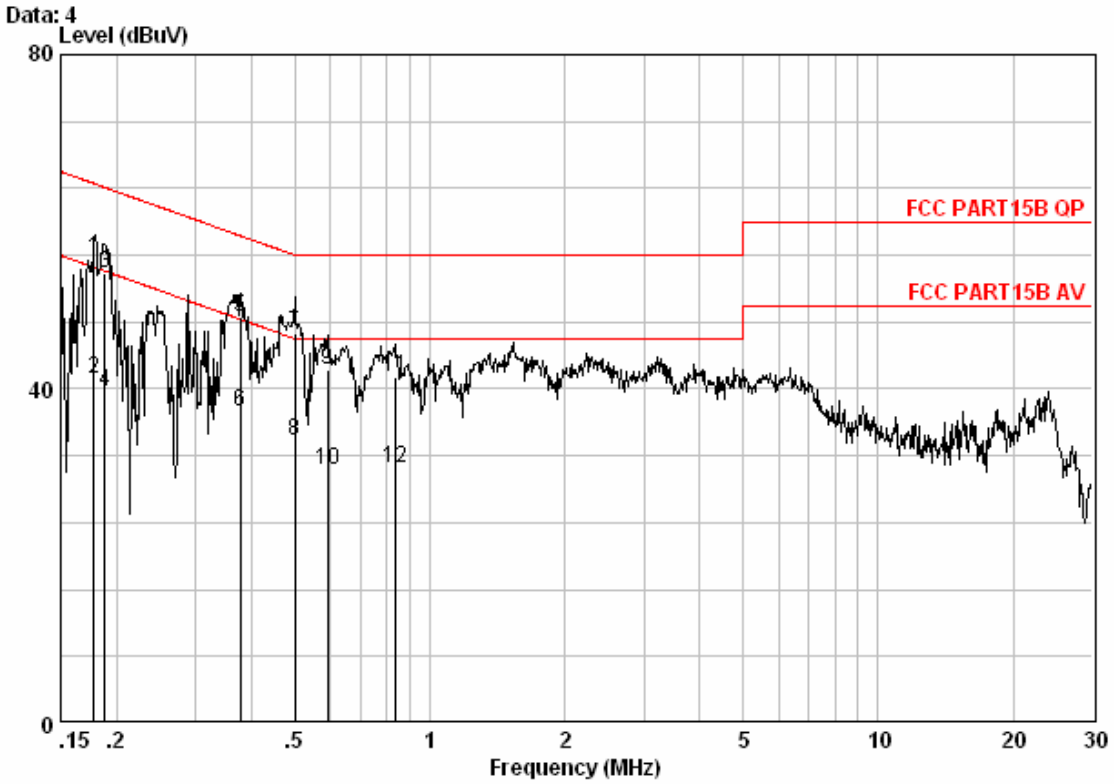


Site : Shielding Room
Condition : FCC PART15B QP CE NEUTRAL
EUT : digital photo frame
Job No. : 6405IT
Mode : Read & write Int. memory

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.17400	0.04	-0.04	54.50	54.50	64.77	-10.27	QP
2	0.17400	0.04	-0.04	40.90	40.90	54.77	-13.87	Average
3 @	0.40600	0.06	-0.04	52.30	52.32	57.73	-5.41	QP
4 @	0.40600	0.06	-0.04	39.40	39.42	47.73	-8.31	Average
5 @	0.48800	0.06	-0.04	51.70	51.72	56.20	-4.48	QP
6 @	0.48800	0.06	-0.04	39.60	39.62	46.20	-6.58	Average
7 @	0.66400	0.06	-0.04	37.50	37.52	46.00	-8.48	Average
8 @	0.66400	0.06	-0.04	49.40	49.42	56.00	-6.58	QP
9	0.88000	0.07	-0.04	36.90	36.93	46.00	-9.07	Average
10 @	0.88000	0.07	-0.04	47.80	47.83	56.00	-8.17	QP
11	1.550	0.10	-0.05	36.40	36.45	46.00	-9.55	Average
12	1.550	0.10	-0.05	45.80	45.85	56.00	-10.15	QP

Play with SD card

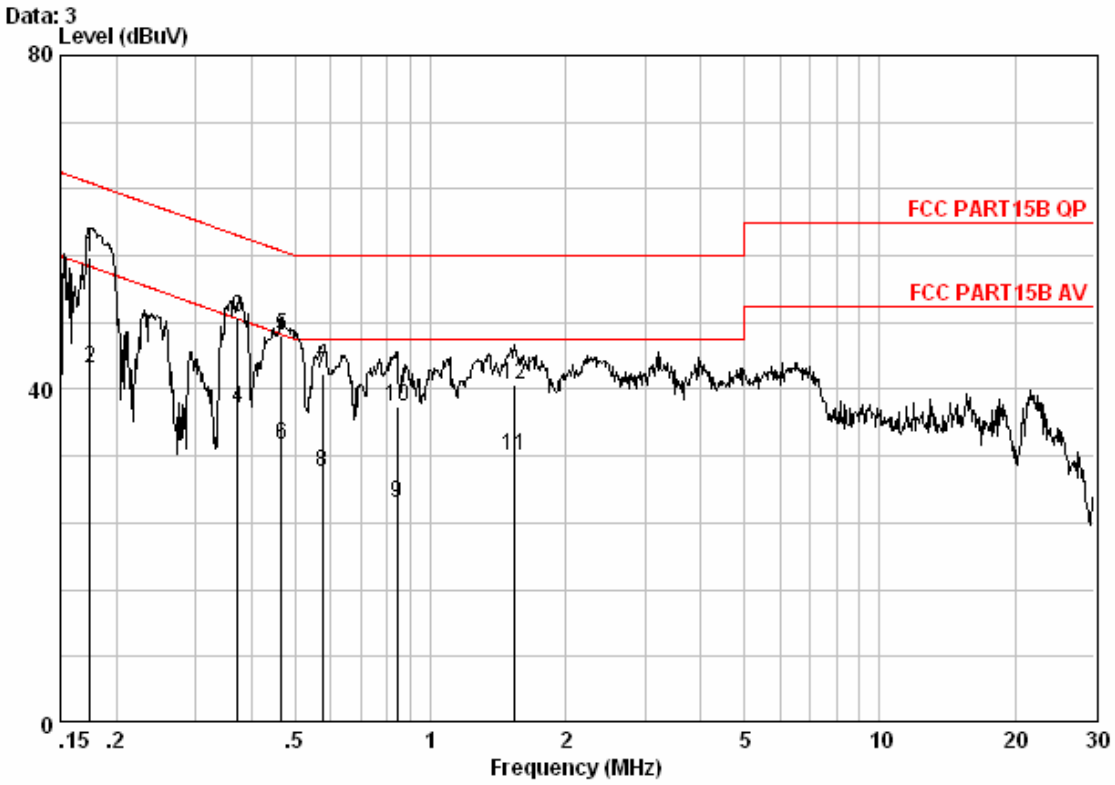
Line



Site : Shielding Room
Condition : FCC PART15B QP CE LINE
EUT : digital photo frame
Job No. : 6405IT
Mode : Play with SD card

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 @	0.17800	0.04	-0.05	55.60	55.59	64.58	-8.99	QP
2	0.17800	0.04	-0.05	41.20	41.19	54.58	-13.39	Average
3	0.18800	0.04	-0.05	53.90	53.89	64.12	-10.23	QP
4	0.18800	0.04	-0.05	39.60	39.59	54.12	-14.53	Average
5	0.37700	0.05	-0.04	48.60	48.61	58.35	-9.73	QP
6	0.37700	0.05	-0.04	37.20	37.21	48.35	-11.13	Average
7	0.49900	0.06	-0.04	46.60	46.62	56.02	-9.40	QP
8	0.49900	0.06	-0.04	33.70	33.72	46.02	-12.30	Average
9	0.59100	0.06	-0.04	42.30	42.32	56.00	-13.68	QP
10	0.59100	0.06	-0.04	30.20	30.22	46.00	-15.78	Average
11	0.83400	0.07	-0.05	41.50	41.52	56.00	-14.48	QP
12	0.83400	0.07	-0.05	30.40	30.42	46.00	-15.58	Average

Neutral

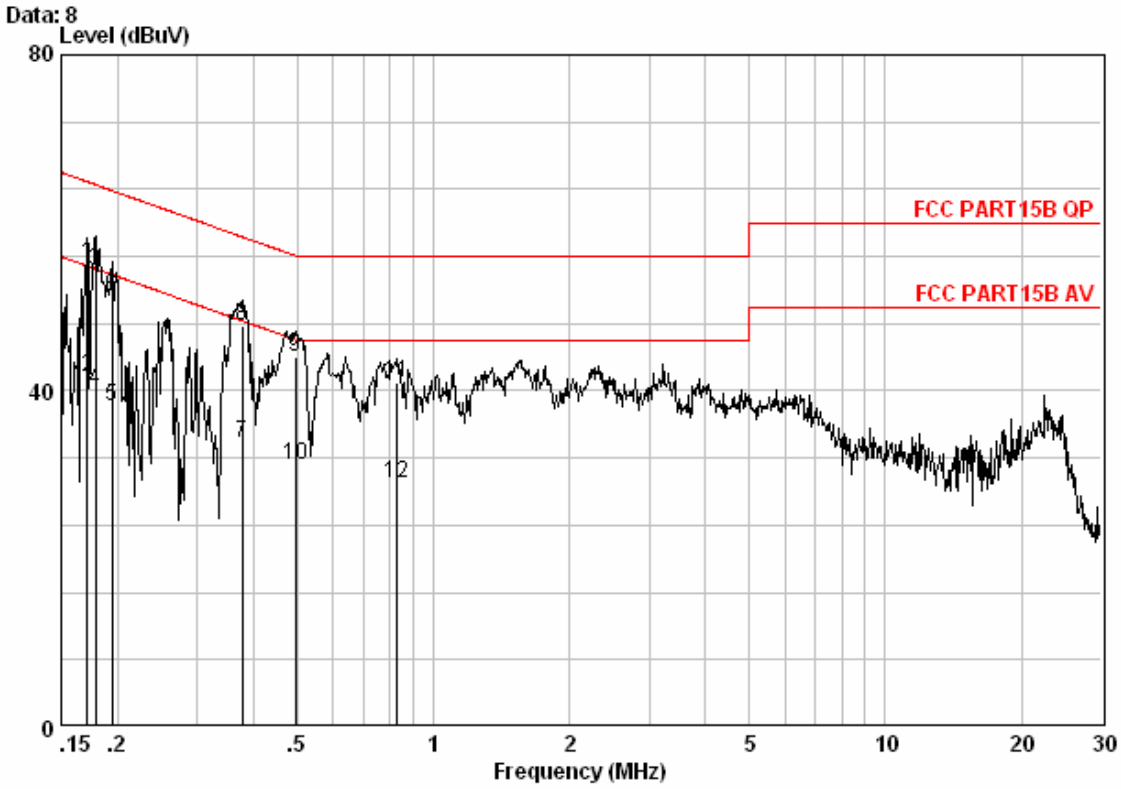


Site : Shielding Room
Condition : FCC PART15B QP CE NEUTRAL
EUT : digital photo frame
Job No. : 6405IT
Mode : Play with SD card

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 @	0.17500	0.04	-0.04	55.90	55.90	64.72	-8.82	QP
2	0.17500	0.04	-0.04	42.60	42.60	54.72	-12.12	Average
3	0.37300	0.05	-0.04	48.60	48.62	58.43	-9.82	QP
4	0.37300	0.05	-0.04	37.70	37.72	48.43	-10.72	Average
5	0.46600	0.06	-0.04	46.50	46.52	56.58	-10.07	QP
6	0.46600	0.06	-0.04	33.40	33.42	46.58	-13.17	Average
7	0.57600	0.06	-0.04	41.90	41.92	56.00	-14.08	QP
8	0.57600	0.06	-0.04	30.10	30.12	46.00	-15.88	Average
9	0.84300	0.07	-0.04	26.40	26.43	46.00	-19.57	Average
10	0.84300	0.07	-0.04	37.90	37.93	56.00	-18.07	QP
11	1.530	0.10	-0.05	31.90	31.95	46.00	-14.05	Average
12	1.530	0.10	-0.05	40.50	40.55	56.00	-15.45	QP

Play with USB stick

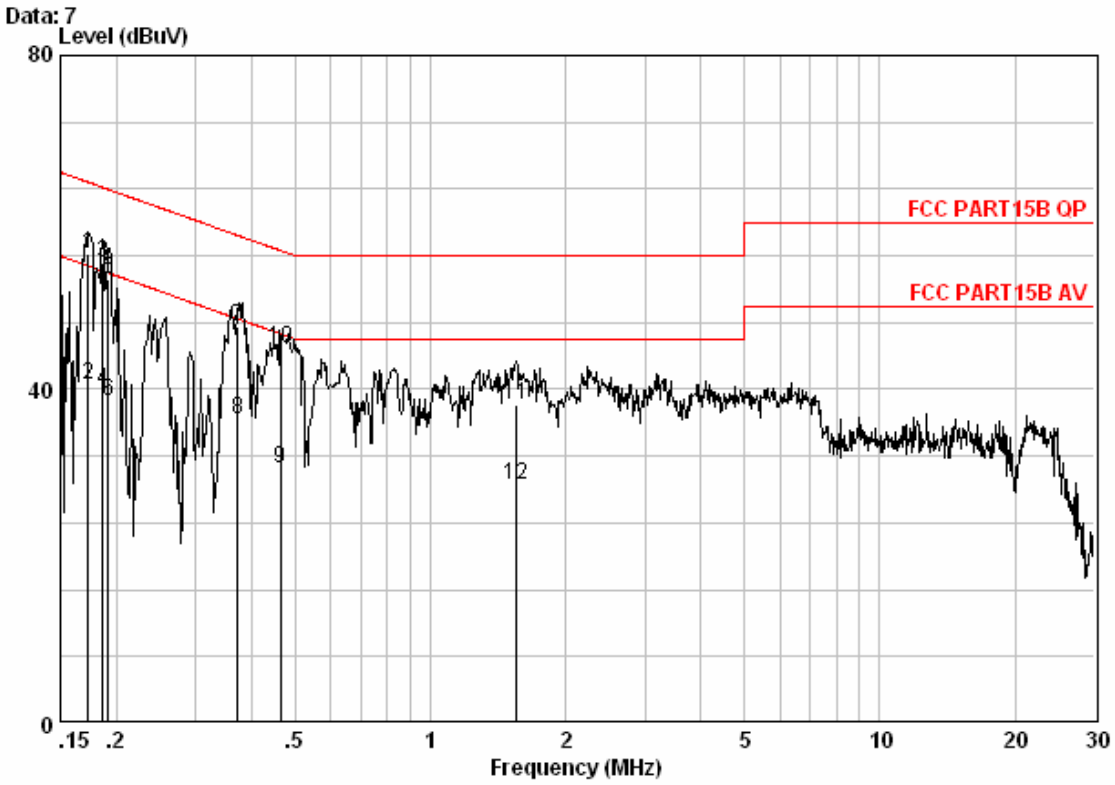
Line



Site : Shielding Room
Condition : FCC PART15B QP CE LINE
EUT : digital photo frame
Job No. : 6405IT
Mode : Play with USB stick

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.17124	0.04	-0.05	55.21	55.20	64.90	-9.70	QP
2	0.17124	0.04	-0.05	41.68	41.67	54.90	-13.23	Average
3	0.17866	0.04	-0.05	54.33	54.33	64.55	-10.22	QP
4	0.17866	0.04	-0.05	40.06	40.05	54.55	-14.50	Average
5	0.19447	0.04	-0.05	38.24	38.23	53.84	-15.61	Average
6	0.19447	0.04	-0.05	51.30	51.30	63.84	-12.55	QP
7	0.37711	0.05	-0.04	33.67	33.68	48.34	-14.66	Average
8	0.37711	0.05	-0.04	47.67	47.69	58.34	-10.66	QP
9	0.49411	0.06	-0.04	44.09	44.11	56.10	-11.99	QP
10	0.49411	0.06	-0.04	31.16	31.18	46.10	-14.92	Average
11	0.83047	0.07	-0.05	40.85	40.87	56.00	-15.13	QP
12	0.83047	0.07	-0.05	28.95	28.97	46.00	-17.03	Average

Neutral

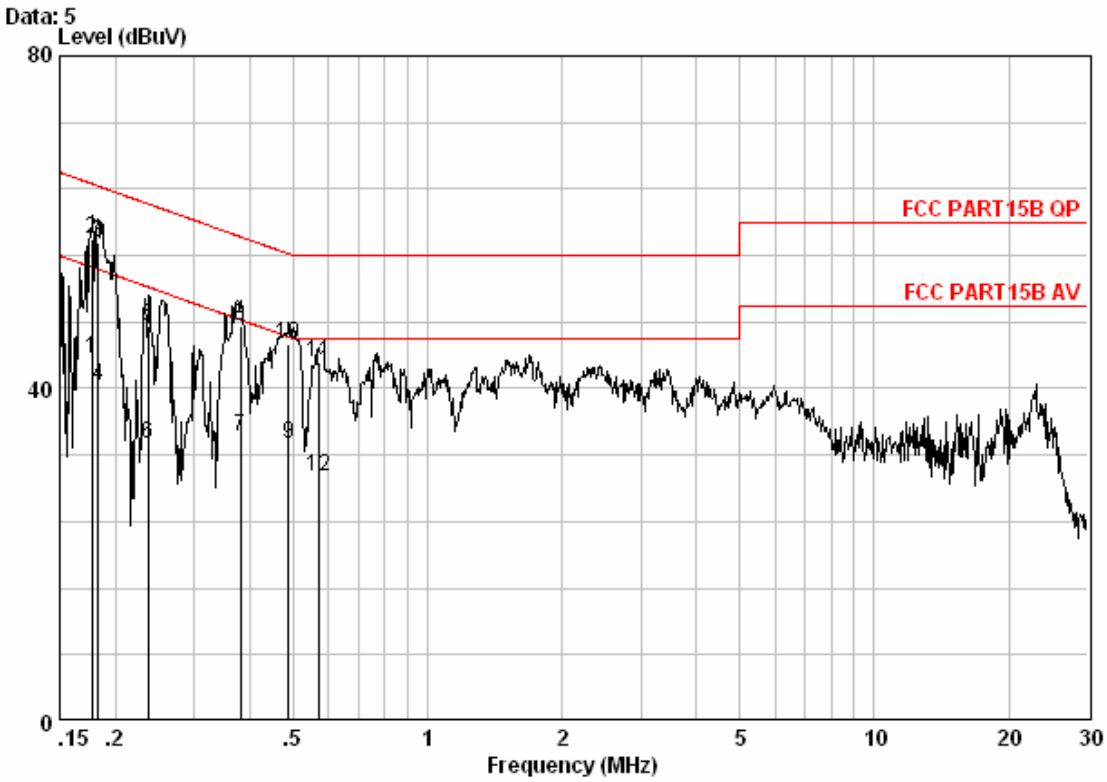


Site : Shielding Room
Condition : FCC PART15B QP CE NEUTRAL
EUT : digital photo frame
Job No. : 6405IT
Mode : Play with USB stick

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.17300	0.04	-0.04	56.20	56.20	64.82	-8.62	QP
2	0.17300	0.04	-0.04	40.60	40.60	54.82	-14.22	Average
3	0.18600	0.04	-0.04	55.20	55.20	64.21	-9.02	QP
4	0.18600	0.04	-0.04	39.90	39.90	54.21	-14.32	Average
5	0.19200	0.04	-0.04	53.10	53.10	63.95	-10.85	QP
6	0.19200	0.04	-0.04	38.60	38.60	53.95	-15.35	Average
7	0.37300	0.05	-0.04	47.60	47.62	58.43	-10.82	QP
8	0.37300	0.05	-0.04	36.30	36.32	48.43	-12.12	Average
9	0.46400	0.06	-0.04	30.50	30.52	46.62	-16.10	Average
10	0.46400	0.06	-0.04	44.90	44.92	56.62	-11.70	QP
11	1.550	0.10	-0.05	38.20	38.25	56.00	-17.75	QP
12	1.550	0.10	-0.05	28.60	28.65	46.00	-17.35	Average

Play with Int. memory

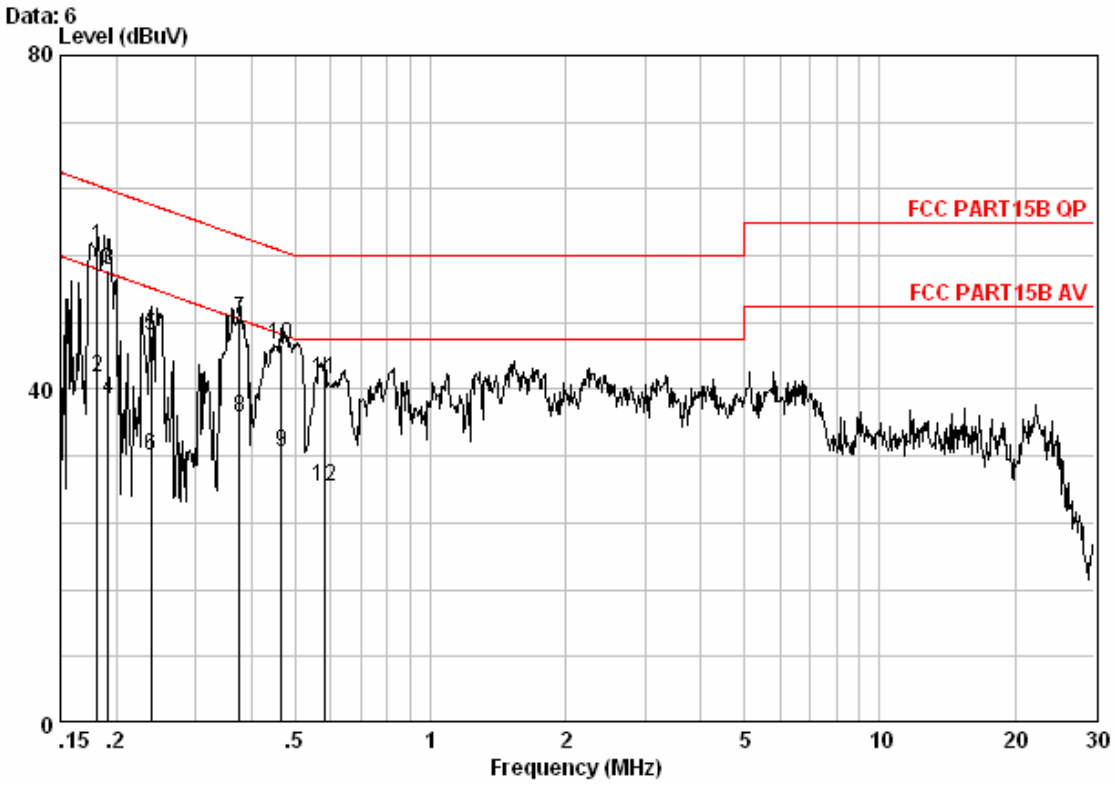
Line



Site : Shielding Room
Condition : FCC PART15B QP CE LINE
EUT : digital photo frame
Job No. : 6405IT
Mode : Play with Int. memory

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.17700	0.04	-0.05	43.60	43.59	54.63	-11.03	Average
2 @	0.17700	0.04	-0.05	58.10	58.09	64.63	-6.53	QP
3	0.18300	0.04	-0.05	57.60	57.59	64.35	-6.76	QP
4	0.18300	0.04	-0.05	40.40	40.39	54.35	-13.96	Average
5	0.23700	0.04	-0.04	47.60	47.60	62.20	-14.60	QP
6	0.23700	0.04	-0.04	33.30	33.30	52.20	-18.90	Average
7	0.38100	0.05	-0.04	34.20	34.21	48.26	-14.05	Average
8	0.38100	0.05	-0.04	47.50	47.51	58.26	-10.75	QP
9	0.48800	0.06	-0.04	33.40	33.42	46.20	-12.79	Average
10	0.48800	0.06	-0.04	45.40	45.42	56.20	-10.79	QP
11	0.57000	0.06	-0.04	43.10	43.12	56.00	-12.88	QP
12	0.57000	0.06	-0.04	29.50	29.52	46.00	-16.48	Average

Neutral



Site : Shielding Room
Condition : FCC PART15B QP CE NEUTRAL
EUT : digital photo frame
Job No. : 6405IT
Mode : Play with Int. memory

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.18100	0.04	-0.04	57.20	57.20	64.44	-7.24	QP
2	0.18100	0.04	-0.04	41.40	41.40	54.44	-13.04	Average
3	0.19200	0.04	-0.04	54.20	54.20	63.95	-9.75	QP
4	0.19200	0.04	-0.04	38.90	38.90	53.95	-15.05	Average
5	0.23900	0.04	-0.04	46.40	46.40	62.13	-15.73	QP
6	0.23900	0.04	-0.04	32.10	32.10	52.13	-20.03	Average
7	0.37500	0.05	-0.04	48.40	48.42	58.39	-9.97	QP
8	0.37500	0.05	-0.04	36.60	36.62	48.39	-11.77	Average
9	0.46600	0.06	-0.04	32.50	32.52	46.58	-14.07	Average
10	0.46600	0.06	-0.04	45.40	45.42	56.58	-11.17	QP
11	0.57900	0.06	-0.04	41.20	41.22	56.00	-14.78	QP
12	0.57900	0.06	-0.04	28.30	28.32	46.00	-17.68	Average

6.2 Radiated Emissions, 30MHz to 1GHz

Test Requirement:	FCC Part15 B
Test Method:	ANSI C63.4
Frequency Range:	30MHz to 1GHz
Measurement Distance:	3m
Class:	Class B
Limit:	40.0 dBμV/m between 30MHz & 88MHz
	43.5 dBμV/m between 88MHz & 216MHz
	46.0 dBμV/m between 216MHz & 960MHz
	54.0 dBμV/m above 960MHz
Detector:	Peak for pre-scan (120kHz resolution bandwidth) 30MHz-1G
	Quasi-Peak if maximised peak within 6dB of limit

6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 24.0 °C Humidity: 50 % RH Atmospheric Pressure: 1010 mbar

EUT Operation: Test in read & write Int. memory mode, build the connection between EUT and PC, keep data exchanging with Int. memory.

Test in play with SD card mode, keep the EUT playing music and photo with SD card.

Test in play with USB stick mode, keep the EUT playing music and photo with USB stick.

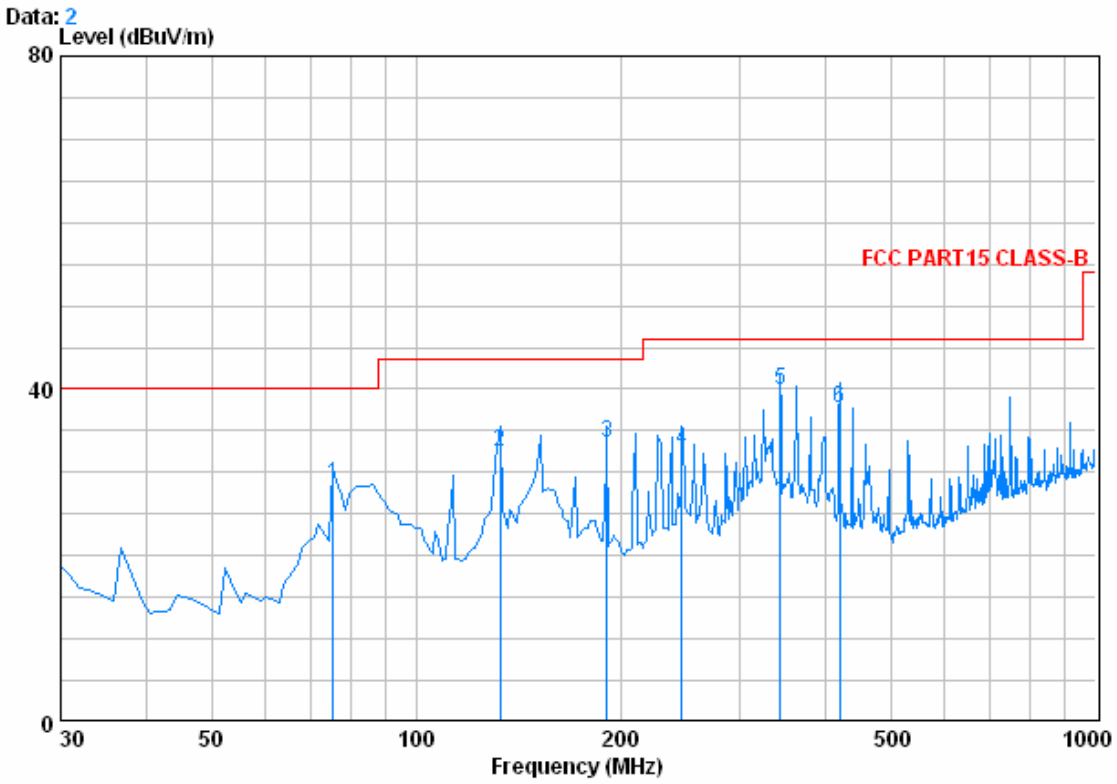
Test in play with Int. memory mode, keep the EUT playing music and photo with Int. memory.

6.2.2 Measurement Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.

Read & write Int. memory

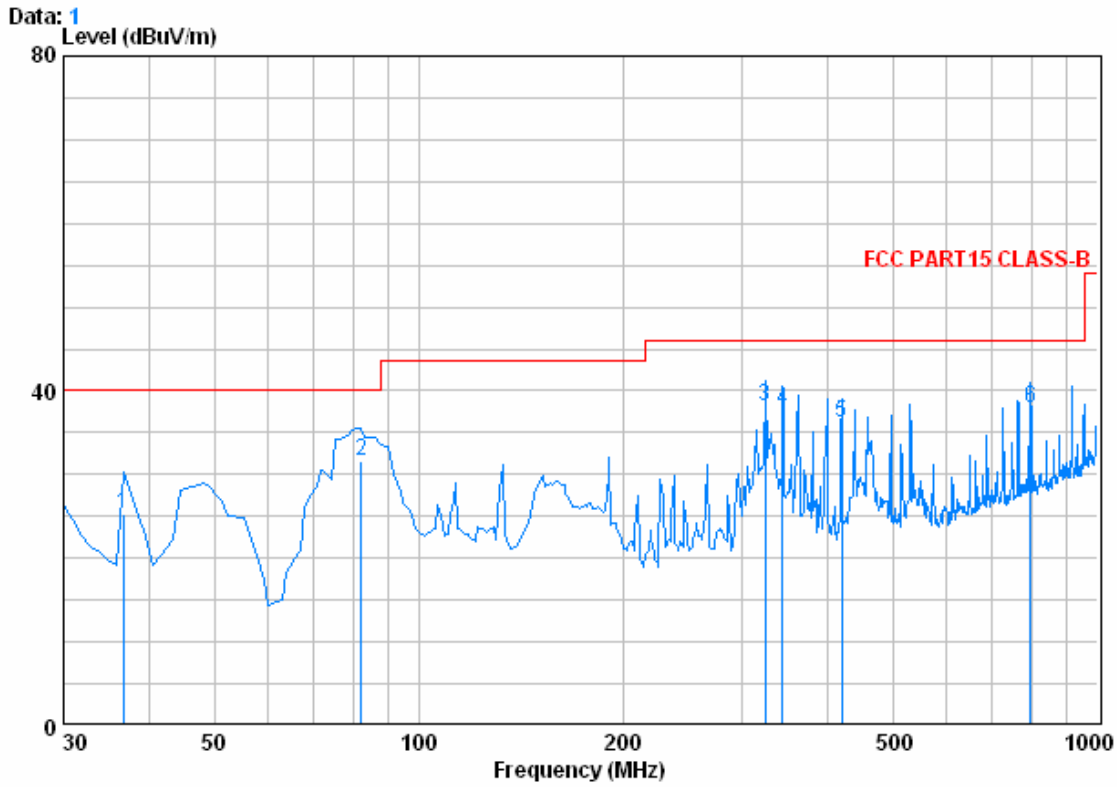
Horizontal



Condition : FCC PART15 CLASS-B 3m 0042673 HORIZONTAL
EUT : DIGITAL PHOTO FRAME
Job No. : 6405IT
Mode : read & write Int. memory

	Freq	Cable Loss	Antenna Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	75.590	0.97	7.37	28.00	48.28	28.63	40.00	-11.37
2	132.820	1.28	7.82	27.58	50.95	32.47	43.50	-11.03
3	191.020	1.39	10.11	27.20	49.28	33.57	43.50	-9.93
4	246.310	1.65	12.19	26.93	45.70	32.61	46.00	-13.39
5 @	343.310	2.04	15.25	27.05	49.58	39.82	46.00	-6.18
6	419.940	2.29	16.38	27.47	46.47	37.67	46.00	-8.33

Vertical

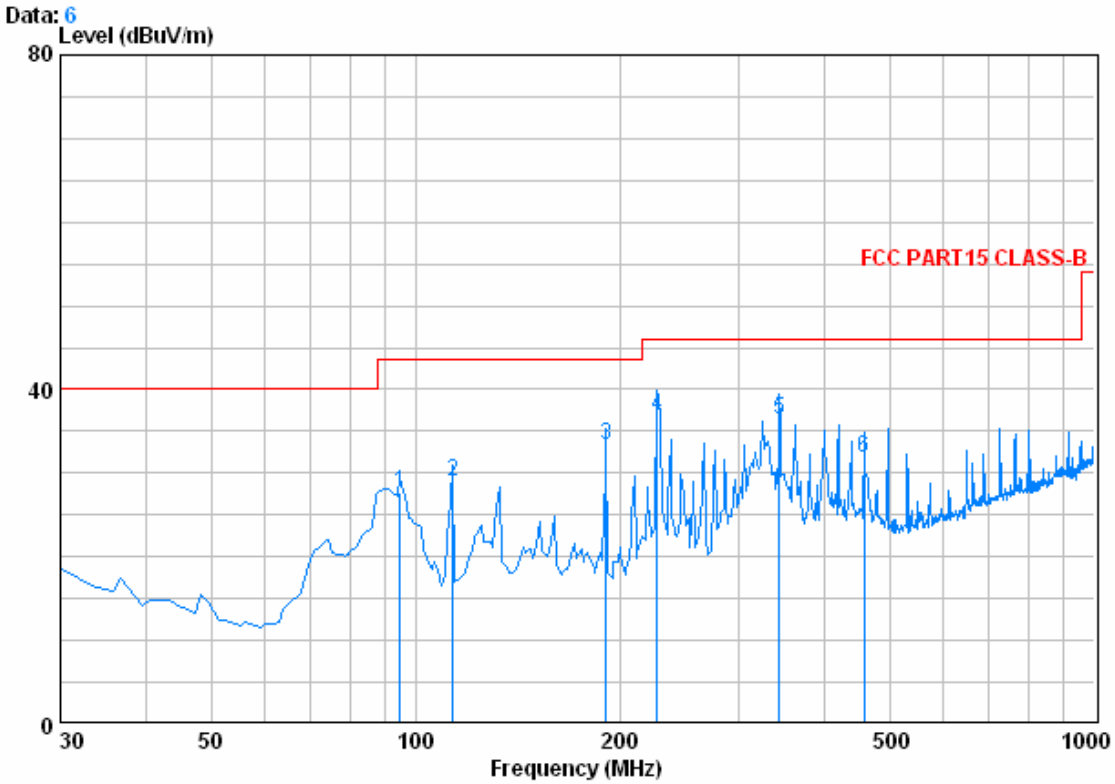


Condition : FCC PART15 CLASS-B 3m 0042673 VERTICAL
EUT : DIGITAL PHOTO FRAME
Job No. : 6405IT
Mode : read & write Int. memory

	Freq	Cable Loss	Antenna Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	36.790	0.60	12.30	28.12	40.51	25.29	40.00	-14.71
2	82.380	1.10	7.95	27.99	50.52	31.58	40.00	-8.42
3	323.910	1.98	14.76	26.91	48.29	38.12	46.00	-7.88
4	343.310	2.04	15.25	27.05	47.37	37.61	46.00	-8.39
5	419.940	2.29	16.38	27.47	44.89	36.08	46.00	-9.92
6	796.300	3.19	22.08	26.95	39.62	37.94	46.00	-8.06

Play with SD card

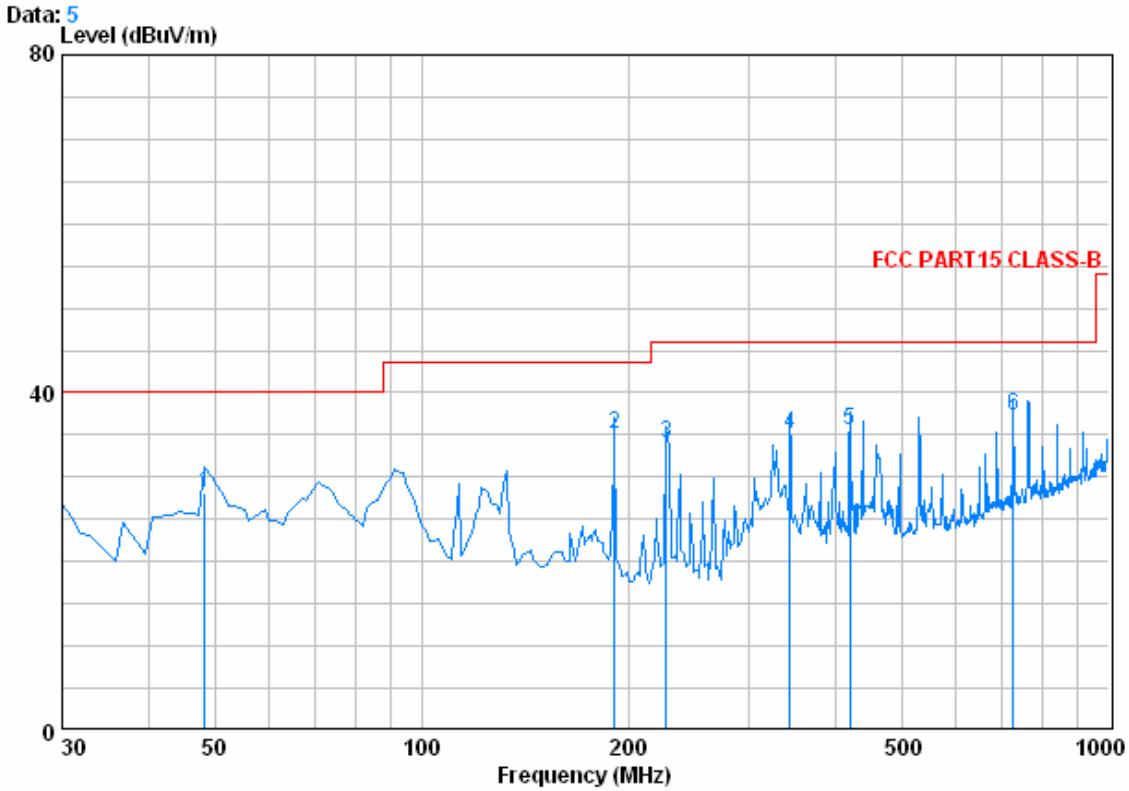
Horizontal



Condition : FCC PART15 CLASS-B 3m 0042673 HORIZONTAL
EUT : DIGITAL PHOTO FRAME
Job No. : 6405IT
Mode : play with SD card

	Freq	Cable Loss	Antenna Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	94.990	1.15	8.91	27.91	45.51	27.66	43.50	-15.84
2	113.420	1.24	8.36	27.74	47.13	28.98	43.50	-14.52
3	191.020	1.39	10.11	27.20	49.07	33.36	43.50	-10.14
4	226.910	1.56	11.56	27.02	50.71	36.81	46.00	-9.19
5	343.310	2.04	15.25	27.05	46.17	36.41	46.00	-9.59
6	458.740	2.45	17.22	27.59	39.70	31.77	46.00	-14.23

Vertical

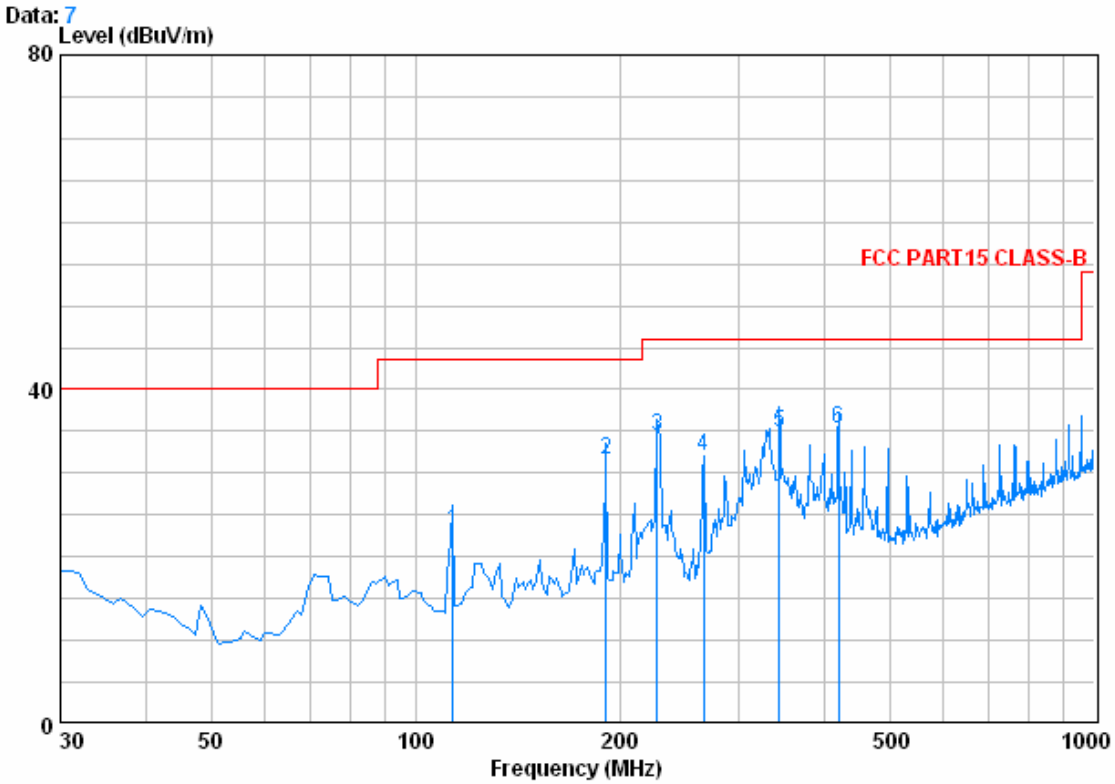


Condition : FCC PART15 CLASS-B 3m 0042673 VERTICAL
EUT : DIGITAL PHOTO FRAME
Job No. : 6405IT
Mode : play with SD card

	Freq	Cable Loss	Antenna Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	48.430	0.77	8.47	28.11	46.96	28.09	40.00	-11.91
2	191.020	1.39	10.11	27.20	50.85	35.15	43.50	-8.35
3	226.910	1.56	11.56	27.02	47.97	34.07	46.00	-11.93
4	343.310	2.04	15.25	27.05	44.77	35.01	46.00	-10.99
5	419.940	2.29	16.38	27.47	44.44	35.64	46.00	-10.36
6	726.460	2.99	21.60	27.19	39.89	37.29	46.00	-8.71

Play with USB stick

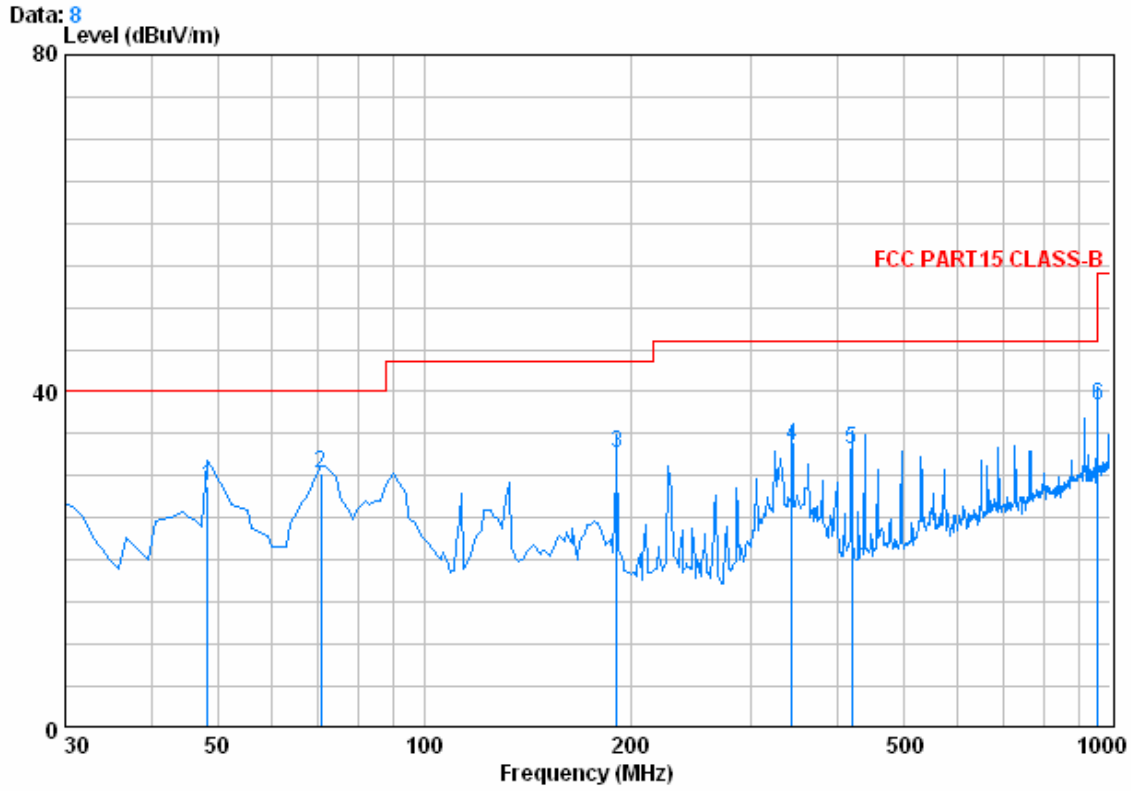
Horizontal



Condition : FCC PART15 CLASS-B 3m 0042673 HORIZONTAL
EUT : DIGITAL PHOTO FRAME
Job No. : 6405IT
Mode : play with USB stick

	Freq	Cable Loss	Antenna Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	113.420	1.24	8.36	27.74	41.33	23.18	43.50	-20.32
2	191.020	1.39	10.11	27.20	47.37	31.67	43.50	-11.83
3	226.910	1.56	11.56	27.02	48.25	34.35	46.00	-11.65
4	265.710	1.75	12.63	26.85	44.57	32.09	46.00	-13.91
5	343.310	2.04	15.25	27.05	44.60	34.84	46.00	-11.16
6 @	419.940	2.29	16.38	27.47	44.15	35.35	46.00	-10.65

Vertical

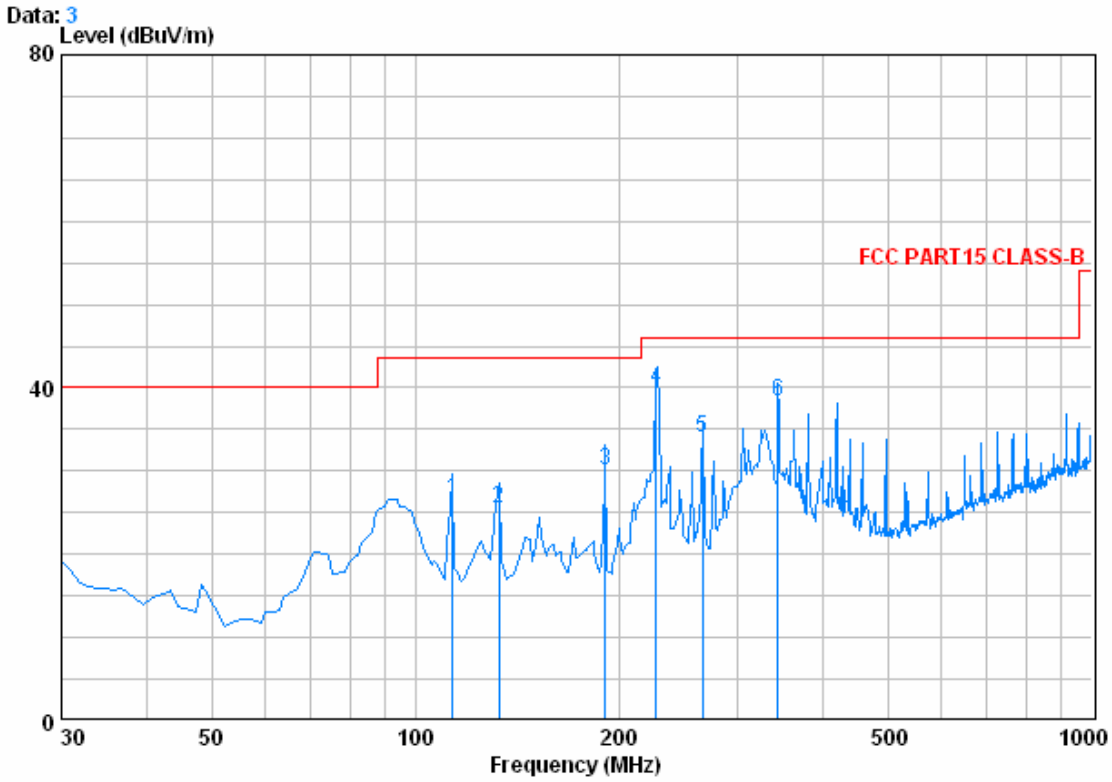


Condition : FCC PART15 CLASS-B 3m 0042673 VERTICAL
EUT : DIGITAL PHOTO FRAME
Job No. : 6405IT
Mode : play with USB stick

	Freq	Cable Loss	Antenna Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	48.430	0.77	8.47	28.11	47.75	28.88	40.00	-11.12
2	70.740	0.82	6.97	28.00	50.45	30.24	40.00	-9.76
3	191.020	1.39	10.11	27.20	48.49	32.79	43.50	-10.71
4	343.310	2.04	15.25	27.05	43.27	33.52	46.00	-12.48
5	419.940	2.29	16.38	27.47	42.04	33.24	46.00	-12.76
6 @	959.260	3.66	23.60	26.44	37.65	38.47	46.00	-7.53

Play with Int. memory

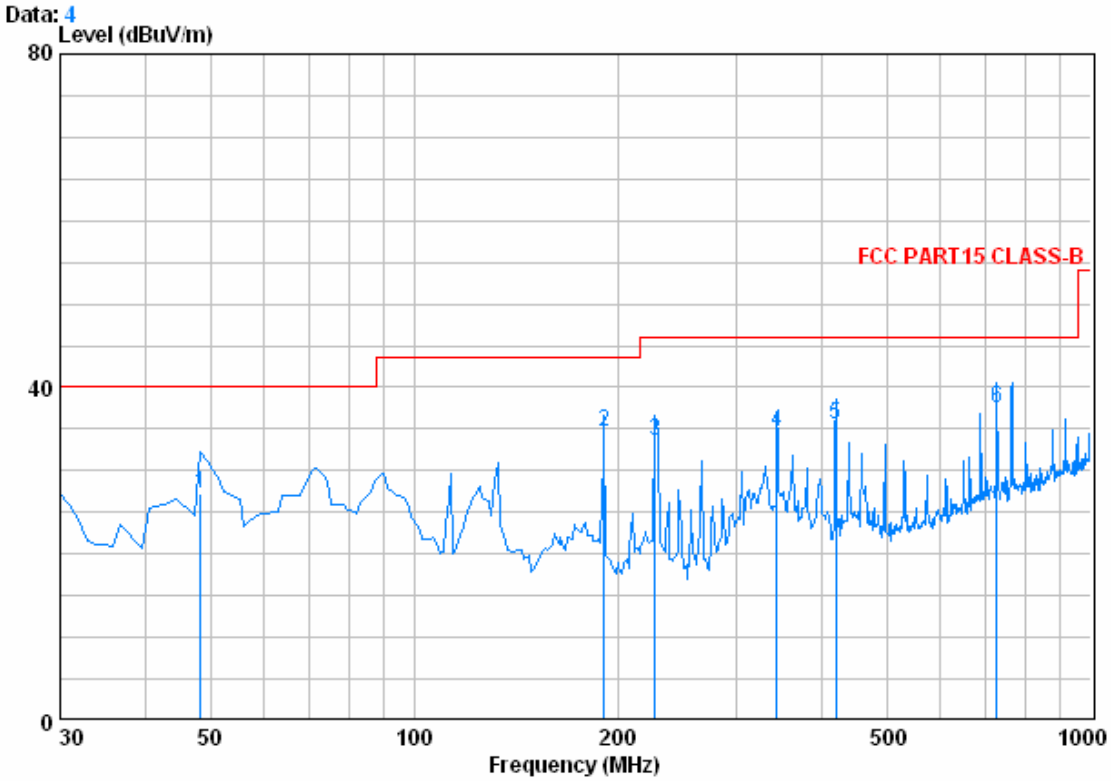
Horizontal



Condition : FCC PART15 CLASS-B 3m 0042673 HORIZONTAL
EUT : DIGITAL PHOTO FRAME
Job No. : 6405IT
Mode : play with Int memory

	Freq	Cable Loss	Antenna Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	113.420	1.24	8.36	27.74	44.83	26.68	43.50	-16.82
2	132.820	1.28	7.82	27.58	44.05	25.57	43.50	-17.93
3	191.020	1.39	10.11	27.20	45.79	30.08	43.50	-13.42
4 @	226.910	1.56	11.56	27.02	53.74	39.83	46.00	-6.17
5	265.710	1.75	12.63	26.85	46.52	34.05	46.00	-11.95
6	343.310	2.04	15.25	27.05	48.23	38.47	46.00	-7.53

Vertical



Condition : FCC PART15 CLASS-B 3m 0042673 VERTICAL
EUT : DIGITAL PHOTO FRAME
Job No. : 6405IT
Mode : play with Int memory

	Freq	Cable Loss	Antenna Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	48.430	0.77	8.47	28.11	46.04	27.17	40.00	-12.83
2	191.020	1.39	10.11	27.20	50.41	34.70	43.50	-8.80
3	226.910	1.56	11.56	27.02	47.50	33.59	46.00	-12.41
4	343.310	2.04	15.25	27.05	44.50	34.74	46.00	-11.26
5	419.940	2.29	16.38	27.47	44.31	35.51	46.00	-10.49
6	726.460	2.99	21.60	27.19	40.20	37.60	46.00	-8.40