



Most Technology Service Co., Ltd.
Tel:(86) 755-26825180 Fax:(86) 755-86170310
Http:// www. szmost.com Email: szmost@szmost.com

Test Report

Product Name: 3.5 inch Digital Photo Frame

FCC ID: V37-35FXBTDPF

MODEL NO.: PB03504-04-XXX, 926434-061, 926434-059,
928522-001

Applicant:

WIN ACCORD LTD.
12F, No.225, SEC 5, 105 Song Shan Dist, Nan Jing East Road, Taipei, Taiwan

Date Received: 09/12/2009

Date Tested: 09/11/2009

APPLICANT: WIN ACCORD LTD.
FCC ID: V37-35FXBTDPF

Cover Sheet



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FCC ID: V37-35FXBTDPF

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EMC Equipment List

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	ROHDE SCH AR	ESCI	100492	Mar 10,2009	1 Year
LISN	ROHDE SCH AR	ENV216	100093	Mar 10,2009	1 Year
EMI Test Receiver	ROHDE SCH AR	ESCI	101202	Mar 10,2009	1 Year
Spectrum Analyzer	ANRITSU	MS2651B	6200238316	Mar 10,2009	1 Year
50 Coaxial Switch	ANRITSU CORP	MP59B	6200283933	Mar 10,2009	1 Year
Bilog Antenna	Sunol	B3	A121206	Mar 10,2009	1 Year
Horn Antenna	EMCO	3115	640201028-06	Mar 10,2009	1 Year
50 Coaxial Switch	ANRITSU CORP	MP59B	6200283933	Mar 10,2009	1 Year
Cable	Resenberger	N/A	NO.1	Mar 10,2009	1 Year
Cable	SCH AR BEC	N/A	NO.2	Mar 10,2009	1 Year
Cable	SCH AR BEC	N/A	NO.3	Mar 10,2009	1 Year
Single Phase Power Line Filter	ikusui	LIN40MA-PC R-L	LM002352	Mar 10,2009	1 Year
AC Power Source	ikusui	AC40MA	LM003232	Mar 10,2009	1 Year
Test analyzer	ikusui	HA1000	LM003720	Mar 10,2009	1 Year
ESD Tester	ikusui	ES4021	LM003537	Mar 10,2009	1 Year
Signal Generator	IFR	2032	203002/100	Mar 10,2009	1 Year
Amplifier	A R	150 1000	301584	NCR	NCR
Dual Directional Coupler	A R	DC6080	301508	Mar 10,2009	1 Year
Power Head	A R	PH2000	301193	Mar 10,2009	1 Year
Power Meter	A R	PM2002	302799	Mar 10,2009	1 Year
Field Monitor	A R	FM5004	300329	Mar 10,2009	1 Year
Field Probe	A R	FP5000	300221	Mar 10,2009	1 Year
EMC PRO System	EM Test	UCS-500-M4	V0648102026	Mar 10,2009	1 Year
EMC PRO System	EM Test	UCS-500-M4	V0648102026	Mar 10,2009	1 Year

Remark:

Test Firm Name: Most Technology Service Co., Ltd.

Test Firm Address:

No. 5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China

FCC Registered Test Site Number: 490827

APPLICANT: WIN ACCORD LTD.

FCC ID: V37-35FXBTDPF



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TEST PROCEDURE

GENERAL: This report shall NOT be reproduced except in full without the written approval of MOST TECHNOLOGY SERVICE CO., LTD. The EUT was transmitting a test signal during the testing.

POWER LINE CONDUCTED INTERFERENCE: The test procedure used was ANSI Standard C63.4-2003 using a 50 UH LISN. Both Lines were observed. The bandwidth of the receiver was 10kHz with an appropriate sweep speed. The ambient temperature of the EUT was 25 with a humidity of 58%.

RADIATION INTERFERENCE: The test procedure used was ANSI Standard C63.4-2003 using a ANRITSU spectrum analyzer with a pre-selector. The analyzer was calibrated in dB above a micro volt at the output of the antenna. The resolution bandwidth was 100 kHz and the video bandwidth was 300 kHz up to 1 GHz and 1 MHz with a video BW of 3 MHz above 1 GHz. The ambient temperature of the EUT was 25 with a humidity of 58%.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBuV) to the antenna correction factor supplied by the antenna manufacturer and cable loss. The antenna correction factors and cable loss are stated in terms of dB. The gain of the Pre-selector was accounted for in the Spectrum Analyzer Meter Reading.

Example:

Freq (MHz) METER READING + ACF + CABLE = FS
33 20 dBuV + 10.36 dB + 0.9 dB= 31.26 dBuV/m @ 3m

ANSI STANDARD C63.4-2003 10.1.7 MEASUREMENT PROCEDURES: The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m. The EUT was placed in the center of the table (1.5m side). The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to 10th harmonic of the fundamental.

Peak readings were taken in three (3) orthogonal planes and the highest readings were converted to average readings based on the duration of "ON" time.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.

The situation was similar for the conducted measurement except that the table did not rotate. The EUT was setup as described in ANSI Standard C63.4-2003 10.1.7 with the EUT 40 cm from the vertical ground wall.



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APPLICANT: WIN ACCORD LTD.
FCC ID: V37-35FXBTDPF
NAME OF TEST: POWER LINE CONDUCTED INTERFERENCE
RULES PART NUMBER: 15.107

REQUIREMENTS:

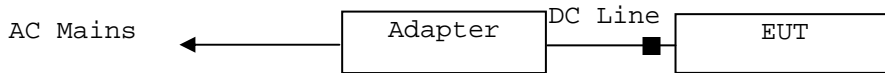
Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm o the requency.

TEST PROCEDURE: ANSI STANDARD C63.4-2003

BLOCK DIAGRAM OF TEST SETUP:

Test Mode: Playing/SD Card Playing



- Note: 1.DC Line: Shielded, Detachable, 2m
- 2. Adaptor: Manufacturer: HONOR Electronic Co., Ltd. M/N:ADS-7.5A-06 05003GPCU
- 3."■" is ferrite core.

Test Result:

All scanning waveform and test data on the following pages.

Conducted Emission Measurement

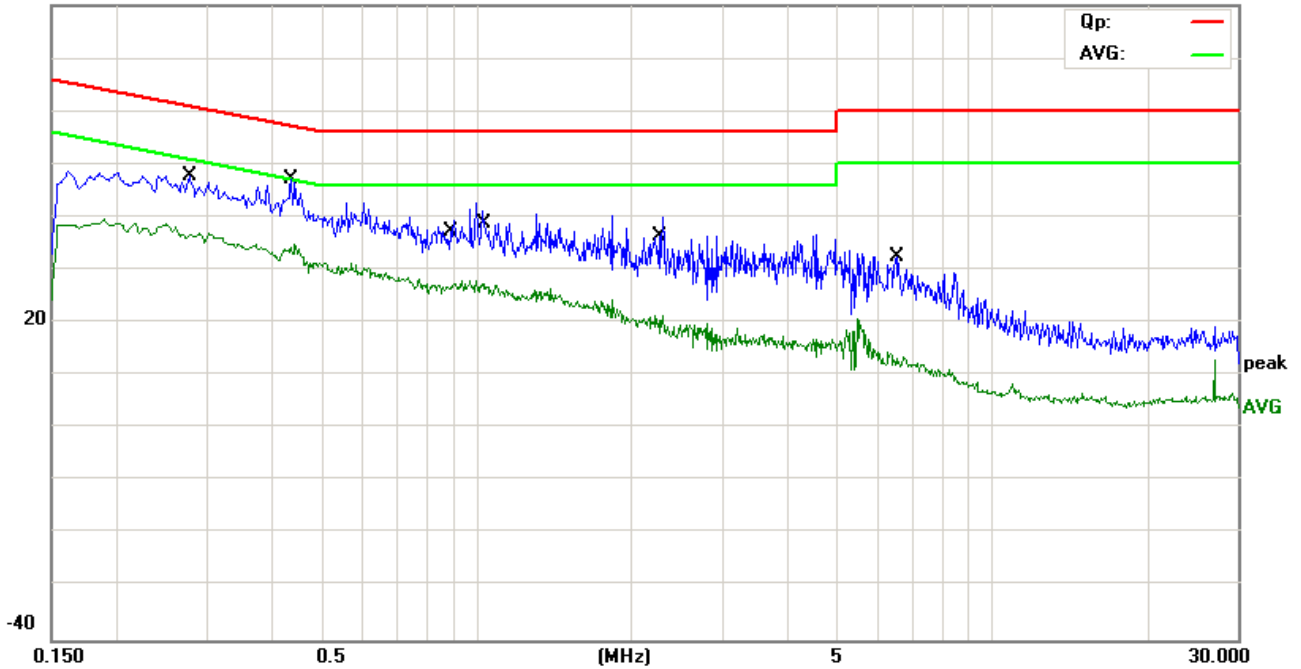
File: PB03504-04-XXX

Data: #1

Date: 09/09/11/

Time: 10/39/12

80.0 dBuV



Site site #1

Phase:

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: DC 5V Adaptor AC 120V/60Hz

Humidity: 60 %

EUT: 3.5 inch Digital Photo Frame

M/N: PB03504-04-XXX

Mode: Playing

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2758	35.33	11.49	46.82	60.94	-14.12	QP	
2		0.2758	24.91	11.49	36.40	50.94	-14.54	AVG	
3	*	0.4380	36.70	10.41	47.11	57.10	-9.99	QP	
4		0.4380	23.80	10.41	34.21	47.10	-12.89	AVG	
5		0.8820	25.81	10.00	35.81	56.00	-20.19	QP	
6		0.8820	16.76	10.00	26.76	46.00	-19.24	AVG	
7		1.0460	27.27	9.95	37.22	56.00	-18.78	QP	
8		1.0460	16.46	9.95	26.41	46.00	-19.59	AVG	
9		2.2380	25.28	9.24	34.52	56.00	-21.48	QP	
10		2.2380	11.28	9.24	20.52	46.00	-25.48	AVG	
11		6.5220	18.99	11.09	30.08	60.00	-29.92	QP	
12		6.5220	0.83	11.09	11.92	50.00	-38.08	AVG	

*:Maximum data x:Over limit !:over margin

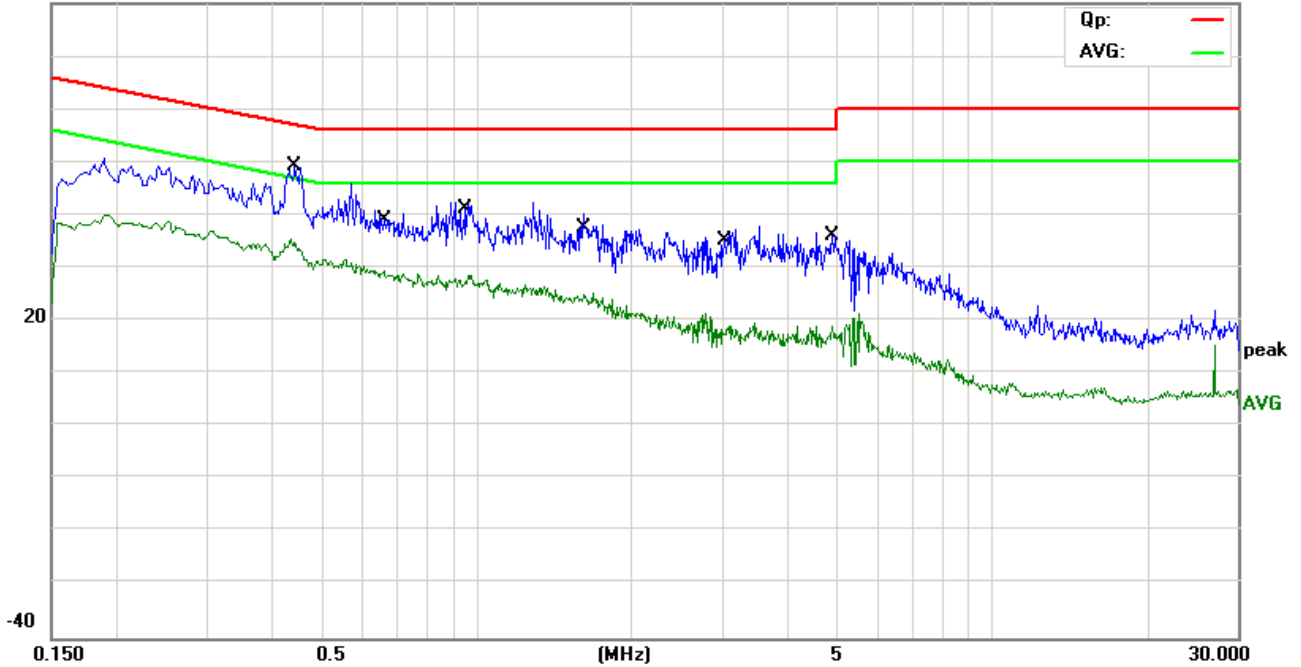
Conducted Emission Measurement

File: PB03504-04-XXX
80.0 dBuV

Data: #2

Date: 09/09/11/

Time: 10/40/53



Site site #1

Phase:

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: DC 5V Adaptor AC 120V/60Hz Humidity: 60 %

EUT: 3.5 inch Digital Photo Frame

M/N: PB03504-04-XXX

Mode: Playing

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.4380	36.95	10.41	47.36	57.10	-9.74	QP	
2		0.4380	25.03	10.41	35.44	47.10	-11.66	AVG	
3		0.6660	28.35	10.00	38.35	56.00	-17.65	QP	
4		0.6660	19.00	10.00	29.00	46.00	-17.00	AVG	
5		0.9460	29.05	10.00	39.05	56.00	-16.95	QP	
6		0.9460	16.90	10.00	26.90	46.00	-19.10	AVG	
7		1.6300	28.22	9.37	37.59	56.00	-18.41	QP	
8		1.6300	15.28	9.37	24.65	46.00	-21.35	AVG	
9		3.0100	22.20	10.01	32.21	56.00	-23.79	QP	
10		3.0100	7.33	10.01	17.34	46.00	-28.66	AVG	
11		4.9140	24.24	11.91	36.15	56.00	-19.85	QP	
12		4.9140	7.07	11.91	18.98	46.00	-27.02	AVG	

*:Maximum data x:Over limit !:over margin

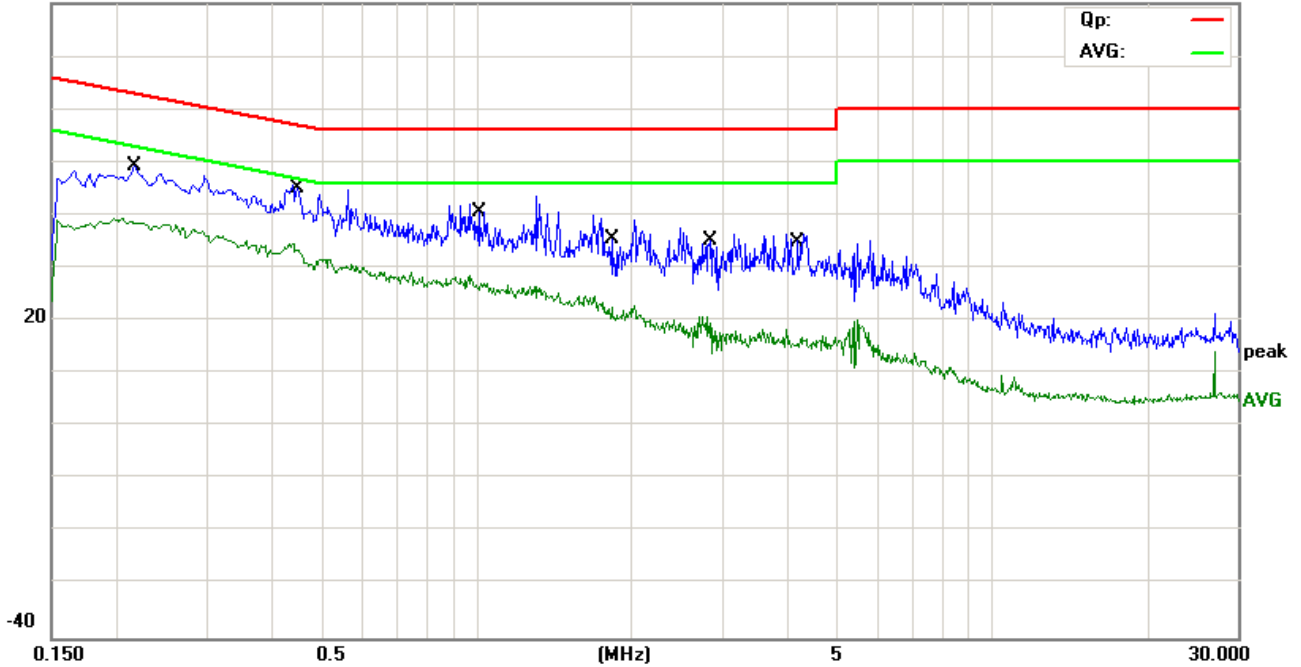
Conducted Emission Measurement

File: PB03504-04-XXX
 80.0 dBuV

Data: #3

Date: 09/09/11/

Time: 14/17/21



Site site #1

Phase:

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: DC 5V Adaptor AC 120V/60Hz Humidity: 60 %

EUT: 3.5 inch Digital Photo Frame

M/N: PB03504-04-XXX

Mode: SD Card Playing

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2180	37.44	11.88	49.32	62.89	-13.57	QP	
2		0.2180	26.53	11.88	38.41	52.89	-14.48	AVG	
3		0.4460	32.18	10.36	42.54	56.95	-14.41	QP	
4		0.4460	22.83	10.36	33.19	46.95	-13.76	AVG	
5		0.9980	25.39	10.00	35.39	56.00	-20.61	QP	
6		0.9980	16.30	10.00	26.30	46.00	-19.70	AVG	
7		1.8100	24.84	9.19	34.03	56.00	-21.97	QP	
8		1.8100	13.08	9.19	22.27	46.00	-23.73	AVG	
9		2.8140	24.29	9.81	34.10	56.00	-21.90	QP	
10		2.8140	10.89	9.81	20.70	46.00	-25.30	AVG	
11		4.2380	18.45	11.24	29.69	56.00	-26.31	QP	
12		4.2380	3.92	11.24	15.16	46.00	-30.84	AVG	

*:Maximum data x:Over limit !:over margin

Conducted Emission Measurement

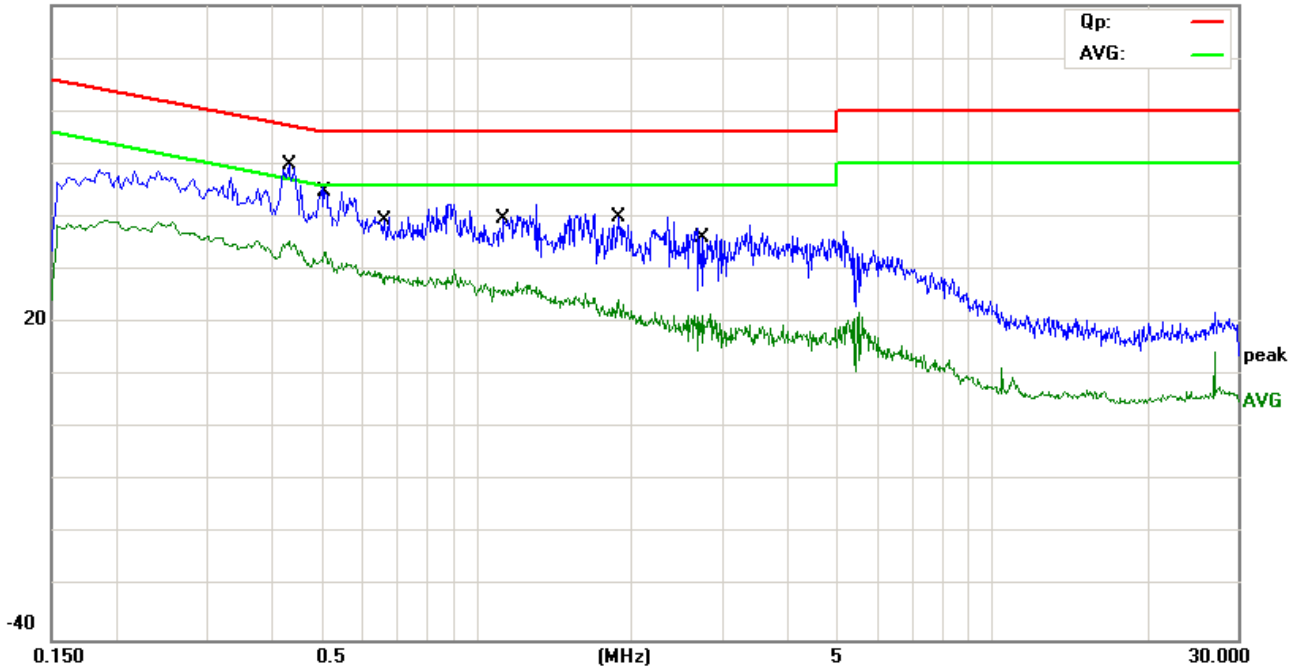
File: PB03504-04-XXX

Data: #4

Date: 09/09/11/

Time: 14/19/00

80.0 dBuV



Site site #1

Phase:

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: DC 5V Adaptor AC 120V/60Hz Humidity: 60 %

EUT: 3.5 inch Digital Photo Frame

M/N: PB03504-04-XXX

Mode: SD Card Playing

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.4300	36.98	10.47	47.45	57.25	-9.80	QP	
2		0.4300	24.41	10.47	34.88	47.25	-12.37	AVG	
3		0.5100	34.76	10.00	44.76	56.00	-11.24	QP	
4		0.5100	23.26	10.00	33.26	46.00	-12.74	AVG	
5		0.6540	28.10	10.00	38.10	56.00	-17.90	QP	
6		0.6540	19.41	10.00	29.41	46.00	-16.59	AVG	
7		1.1140	28.02	9.89	37.91	56.00	-18.09	QP	
8		1.1140	16.23	9.89	26.12	46.00	-19.88	AVG	
9		1.8940	30.72	9.11	39.83	56.00	-16.17	QP	
10		1.8940	15.31	9.11	24.42	46.00	-21.58	AVG	
11		2.7220	20.65	9.72	30.37	56.00	-25.63	QP	
12		2.7220	8.60	9.72	18.32	46.00	-27.68	AVG	

*:Maximum data x:Over limit !:over margin



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APPLICANT: WIN ACCORD LTD.
FCC ID: V37-35FXBTDPF
NAME OF TEST: RADIATION INTERFERENCE
RULES PART NUMBER: 15.109

REQUIREMENTS:

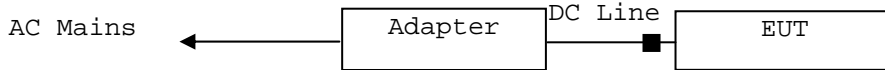
S15.109
 30 -88 MHz 40 dBuV/m @3M
 88 - 216 MHz 43.5
 216 - 960 MHz 46
 ABOVE 960 MHz 54dBuV/m

Test Data:

REMARK: Emissions attenuated more than 20 dB below the permissible value are not reported.

BLOCK DIAGRAM OF TEST SETUP:

Test Mode: Playing/SD Card Playing



- Note: 1.DC Line: Shielded, Detachable, 2m
- 2. Adaptor: Manufacturer: HONOR Electronic Co., Ltd. M/N:ADS-7.5A-06 05003GPCU
- 3."■" is ferrite core.

Test Result:

All scanning waveform and test data on the following pages.

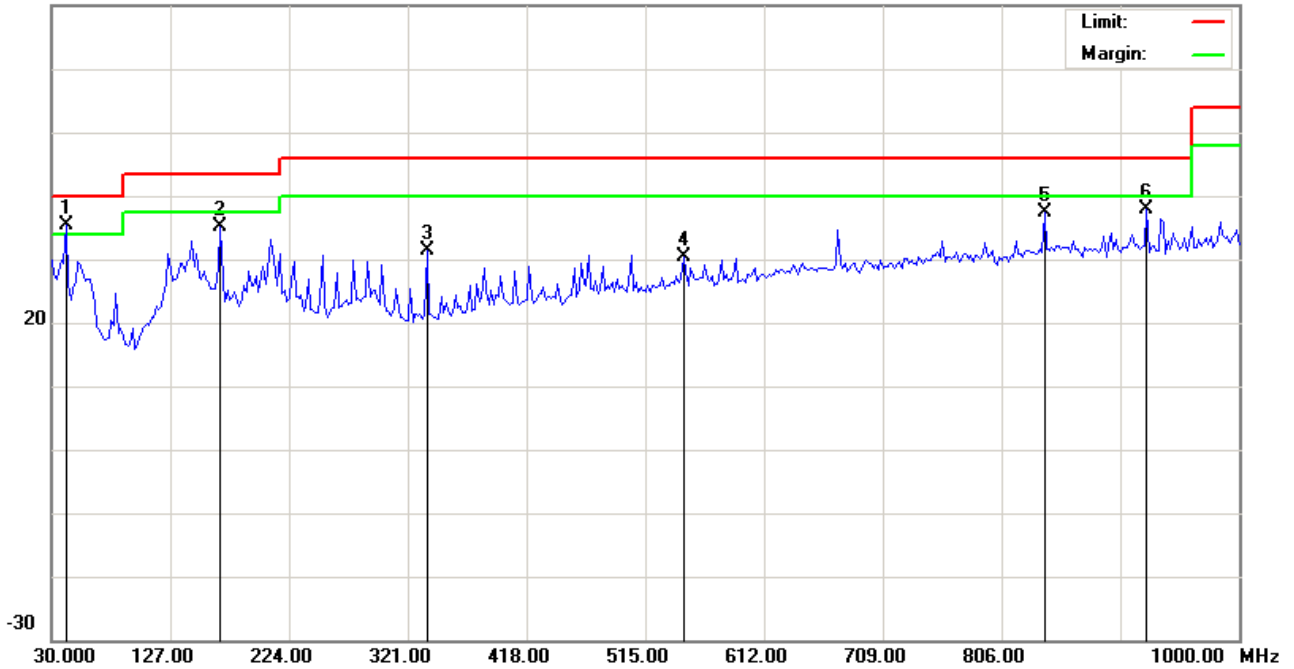
Radiated Emission Measurement

File : PB03504-04-XXX
 70.0 dBuV/m

Data : #1

Date: 2009/09/11

Time: 09:57:05



Site site MOST 3M

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: DC 5V Adaptor AC 120V/60Hz Humidity: 60 %

EUT: 3.5 inch Digital Photo Frame

Distance:

M/N: PB03504-04-XXX

Mode: Playing

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	41.6400	19.59	15.75	35.34	40.00	-4.66	QP		
2		167.7400	17.90	17.20	35.10	43.50	-8.40	QP		
3		336.5200	14.30	17.07	31.37	46.00	-14.63	QP		
4		546.0400	8.01	22.34	30.35	46.00	-15.65	QP		
5		840.9200	10.22	27.11	37.33	46.00	-8.67	QP		
6		924.3400	10.50	27.48	37.98	46.00	-8.02	QP		

*:Maximum data x:Over limit !:over margin

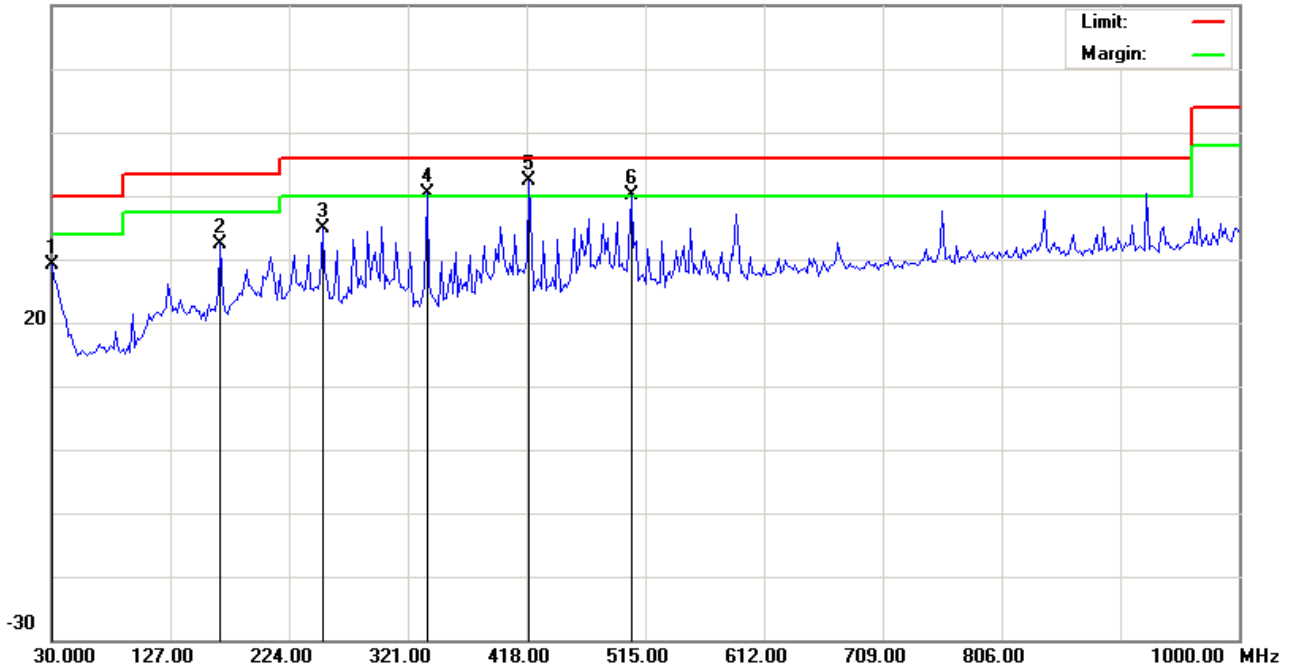
Radiated Emission Measurement

File : PB03504-04-XXX
 70.0 dBuV/m

Data : #2

Date: 2009/09/11

Time: 09:59:29



Site site MOST 3M

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: DC 5V Adaptor AC 120V/60Hz Humidity: 60 %

EUT: 3.5 inch Digital Photo Frame

Distance:

M/N: PB03504-04-XXX

Mode: Playing

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		30.0000	4.34	24.80	29.14	40.00	-10.86	QP			
2		167.7400	15.19	17.20	32.39	43.50	-11.11	QP			
3		251.1600	17.37	17.40	34.77	46.00	-11.23	QP			
4	!	336.5200	23.26	17.07	40.33	46.00	-5.67	QP			
5	*	419.9400	22.45	19.99	42.44	46.00	-3.56	QP			
6	!	503.3600	18.75	21.40	40.15	46.00	-5.85	QP			

*:Maximum data x:Over limit !:over margin

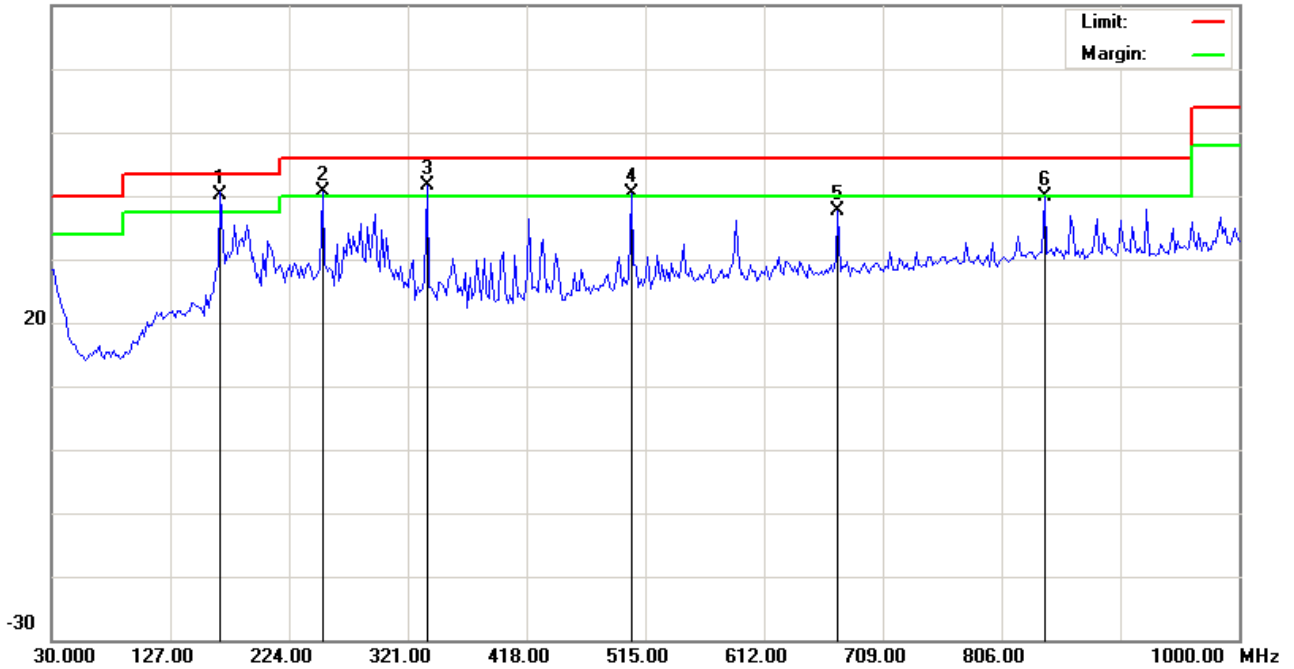
Radiated Emission Measurement

File : PB03504-04-XXX
70.0 dBuV/m

Data : #3

Date: 2009/09/11

Time: 15:16:10



Site site MOST 3M

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: DC 5V Adaptor AC 120V/60Hz Humidity: 60 %

EUT: 3.5 inch Digital Photo Frame

Distance:

M/N: PB03504-04-XXX

Mode: SD Card Playing

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	167.7400	23.00	17.20	40.20	43.50	-3.30	QP		
2	!	251.1599	23.17	17.40	40.57	46.00	-5.43	QP		
3	!	336.5199	24.65	17.07	41.72	46.00	-4.28	QP		
4	!	503.3600	19.04	21.40	40.44	46.00	-5.56	QP		
5		672.1399	13.16	24.52	37.68	46.00	-8.32	QP		
6		840.9199	12.86	27.11	39.97	46.00	-6.03	QP		

*:Maximum data x:Over limit !:over margin

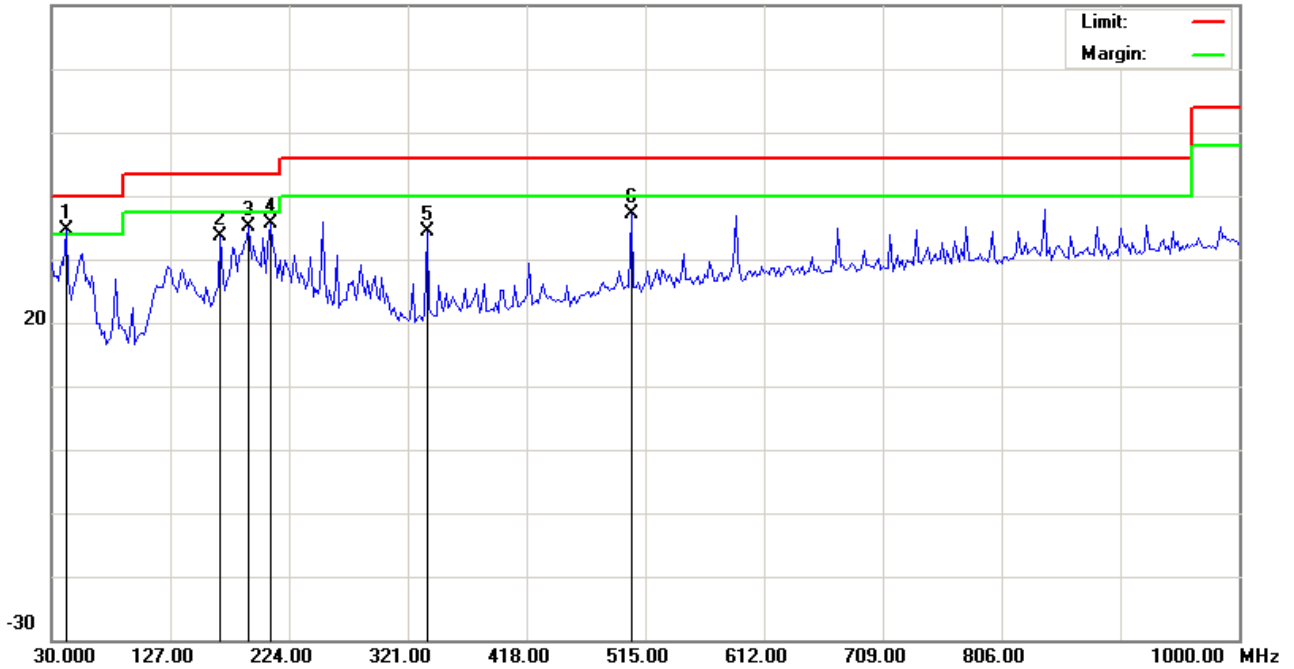
Radiated Emission Measurement

File : PB03504-04-XXX
 70.0 dBuV/m

Data : #4

Date: 2009/09/11

Time: 15:17:11



Site site MOST 3M

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: DC 5V Adaptor AC 120V/60Hz Humidity: 60 %

EUT: 3.5 inch Digital Photo Frame

Distance:

M/N: PB03504-04-XXX

Mode: SD Card Playing

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	41.6400	18.91	15.75	34.66	40.00	-5.34	QP		
2		167.7400	16.31	17.20	33.51	43.50	-9.99	QP		
3		191.0200	18.37	16.65	35.02	43.50	-8.48	QP		
4		208.4799	19.35	16.28	35.63	43.50	-7.87	QP		
5		336.5199	17.41	17.07	34.48	46.00	-11.52	QP		
6		503.3600	15.74	21.40	37.14	46.00	-8.86	QP		

*:Maximum data x:Over limit !:over margin