APPLICATION FOR VERIFICATION
On Behalf of
Recordex USA, Inc.

Interactive Flat Panel
Model No.: ST-840U

FCC ID: 2ADKE-ST-840U

Prepared for	:	Recordex USA, Inc.
Address	:	10-50 46th Avenue, Long Island City, NY 11101
Prepared by	:	Accurate Technology Co., Ltd.
Address	:	F1, Bldg. A&D, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan District, Shenzhen 518057, P.R. China Tel: +86-755-26503290 Fax: +86-755-26503396

Report No.	:	ATE20151179
Date of Test	:	Jun 01-09, 2015
Date of Report	:	Jun 10, 2015

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Description Page

Test Report Declaration

Applicant	:	Recordex USA, Inc.
Manufacturer	:	Recordex USA, Inc.
Product	:	Interactive Flat Panel
		(A) Model No.: ST-840U
		(B) Rating: AC 100-240V; 50/60Hz
		(C) Trade Mark: RECORDEX

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B Class B & ANSI C63.4：2014

The device described above is tested by Accurate Technology Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and Accurate Technology 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 Accurate Technology Co., Ltd.

Date of Test :	Jun 01-09, 2015
Date of Report:	Jun 10, 2015

Prepared by : Eric Zhang

(Eric Zhang, Engineer)

Approved & Authorized Signer :

(Sean Liu, Manager)

1. TEST RESULTS SUMMARY

Test Items	Test Standard	Test Results
Power Line Conducted Emission	FCC Part 15 Subpart B	Pass
Radiated Emission	FCC Part 15 Subpart B	Pass

2. GENERAL INFORMATION

2.1.Product of Device (EUT)

Product	:	Interactive Flat Panel
Model No.	:	ST-840U
Rating	:	AC 100-240V; 50/60Hz
Trade Mark	:	RECORDEX
Remark(s)	:	The EUT highest operating frequency provided by Manufacturer is 1.2GHz, the radiated emission measurement shall be made up to 6 GHz.
Applicant	:	Recordex USA, Inc.
Address	:	10-50 46th Avenue, Long Island City, NY 11101
Manufacturer	:	Recordex USA, Inc.
Address	:	10-50 46th Avenue, Long Island City, NY 11101
Date of sample received	:	Jun 01, 2015
Date of Test	:	Jun 01-09, 2015

2.2.Accessory and Auxiliary Equipment

N/A

2.3.Description of Test Facility

EMC Lab : Accredited by TUV Rheinland Shenzhen, May 10, 2004

Listed by FCC
The Registration Number is 253065
Listed by FCC
The Registration Number is 752051

Listed by Industry Canada
The Registration Number is 5077A-1
Listed by Industry Canada
The Registration Number is 5077A-2

Accredited by China National Accreditation Committee for Laboratories
The Certificate Registration Number is L3193

Name of Firm : Accurate Technology Co., Ltd.
Site Location : F1, Bldg. A&D, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan District, Shenzhen 518057, P.R. China

2.4.Measurement Uncertainty

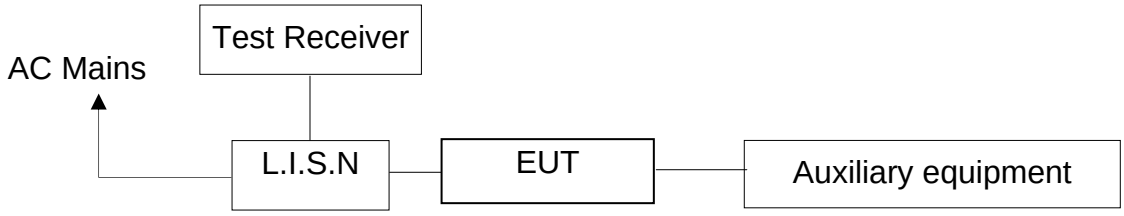
Conducted emission expanded uncertainty	:	U=2.23dB, k=2
Power disturbance expanded uncertainty	:	U=2.92dB, k=2
Radiated emission expanded uncertainty (9kHz-30MHz)	:	U=3.08dB, k=2
Radiated emission expanded uncertainty (30MHz-1000MHz)	:	U=4.42dB, k=2
Radiated emission expanded uncertainty (Above 1GHz)	:	U=4.06dB, k=2

3. POWER LINE CONDUCTED MEASUREMENT

3.1. For Power Line Conducted Emission

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCS30	100307	Jan.10, 2015	1 Year
2.	Test Receiver	Rohde & Schwarz	ESPI	100396/003	Jan.10, 2015	1 Year
3.	Test Receiver	Rohde & Schwarz	ESPI	101526/003	Jan.10, 2015	1 Year
4.	Test Receiver	Rohde & Schwarz	ESR	101817	Jan.10, 2015	1 Year
5.	L.I.S.N.	Schwarzbeck	NLSK8126	8126431	Jan.10, 2015	1 Year
6.	L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100305	Jan.10, 2015	1 Year
7.	L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100310	Jan.10, 2015	1 Year
8.	L.I.S.N.	Rohde & Schwarz	ESH3-Z6	100132	Jan.10, 2015	1 Year
9.	L.I.S.N.	Rohde & Schwarz	ESH3-Z6	100979	Jan.10, 2015	1 Year
10.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100305	Jan.10, 2015	1 Year
11.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100312	Jan.10, 2015	1 Year
12.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	Jan.10, 2015	1 Year
13.	50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283936	Jan.10, 2015	1 Year
14.	50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	Jan.10, 2015	1 Year
15.	50Ω Coaxial Switch	Anritsu Corp	MP59B	6200506474	Jan.10, 2015	1 Year
16.	VOLTAGE PROBE	Schwarzbeck	TK9416	N/A	Jan.10, 2015	1 Year
17.	RF CURRENT PROBE	Rohde & Schwarz	EZ-17	100048	Jan.10, 2015	1 Year
18.	8-Wire Impedance Stabilisation Network	Schwarzbeck	CAT5 8158	8158-0035	Jan.10, 2015	1 Year
19.	RF Coaxial Cable	SUHNER	N-2m	No.2	Jan.10, 2015	1 Year
20.	RF Coaxial Cable	SUHNER	N-2m	No.3	Jan.10, 2015	1 Year
21.	RF Coaxial Cable	SUHNER	N-2m	No.14	Jan.10, 2015	1 Year

3.2. Block Diagram of Test Setup



(EUT: Interactive Flat Panel)

3.3. 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—30.0	60	50

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

3.4. 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.

3.4.1. Interactive Flat Panel (EUT)

Model Number**:** ST-840U
Serial Number**:** N/A
Manufacturer**:** Recordex USA, Inc.

3.5. Operating Condition of EUT

3.5.1. Setup the EUT and simulator as shown as Section 3.2.

3.5.2. Turn on the power of all equipment.

3.5.3. Let the EUT work in test mode (AV, USB, HDMI, VGA, WAN) and measure it.

3.6. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of DC lines 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 ANSI C63.4：2014 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.

3.7. Power Line Conducted Emission Measurement Results

PASS.

Test Mode: USB(AC 120V)

MEASUREMENT RESULT: "CB23_fin"

6/5/2015 8:59AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	48.30	11.2	64	15.4	QP	L1	GND
0.398888	40.30	11.8	58	17.6	QP	L1	GND
7.964078	43.30	11.3	60	16.7	QP	L1	GND

MEASUREMENT RESULT: "CB23_fin2"

6/5/2015 8:59AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200748	44.90	11.2	54	8.7	AV	L1	GND
0.266530	42.20	11.5	51	9.0	AV	L1	GND
0.400483	39.30	11.8	48	8.5	AV	L1	GND

MEASUREMENT RESULT: "CB24_fin"

6/5/2015 9:02AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.202358	43.20	11.2	64	20.3	QP	N	GND
0.402085	39.20	11.8	58	18.6	QP	N	GND
8.354877	45.30	11.3	60	14.7	QP	N	GND

MEASUREMENT RESULT: "CB24_fin2"

6/5/2015 9:02AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.266530	42.40	11.5	51	8.8	AV	N	GND
0.333299	41.10	11.7	49	8.3	AV	N	GND
8.421850	40.20	11.3	50	9.8	AV	N	GND

Test Mode: AV(AC 120V)

MEASUREMENT RESULT: "CB25_fin"

6/5/2015 9:05AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.203167	43.00	11.3	64	20.5	QP	N	GND
0.400483	38.90	11.8	58	18.9	QP	N	GND
7.995934	44.40	11.3	60	15.6	QP	N	GND

MEASUREMENT RESULT: "CB25_fin2"

6/5/2015 9:05AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.266530	42.40	11.5	51	8.8	AV	N	GND
0.333299	41.10	11.7	49	8.3	AV	N	GND
0.400483	38.10	11.8	48	9.7	AV	N	GND

MEASUREMENT RESULT: "CB26_fin"

6/5/2015 9:08AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	47.30	11.2	64	16.4	QP	L1	GND
0.400483	40.00	11.8	58	17.8	QP	L1	GND
8.092270	42.70	11.3	60	17.3	QP	L1	GND

MEASUREMENT RESULT: "CB26_fin2"

6/5/2015 9:08AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	44.80	11.2	54	8.9	AV	L1	GND
0.266530	42.30	11.5	51	8.9	AV	L1	GND
0.400483	39.50	11.8	48	8.3	AV	L1	GND

Test Mode: HDMI(AC 120V)

MEASUREMENT RESULT: "CB29_fin"

6/5/2015 9:15AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	44.40	11.2	64	19.3	QP	N	GND
0.400483	39.00	11.8	58	18.8	QP	N	GND
8.027918	44.70	11.3	60	15.3	QP	N	GND

MEASUREMENT RESULT: "CB29_fin2"

6/5/2015 9:15AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.266530	42.50	11.5	51	8.7	AV	N	GND
0.333299	41.10	11.7	49	8.3	AV	N	GND
8.027918	39.60	11.3	50	10.4	AV	N	GND

MEASUREMENT RESULT: "CB30_fin"

6/5/2015 9:18AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	47.60	11.2	64	16.1	QP	L1	GND
0.398888	40.00	11.8	58	17.9	QP	L1	GND
8.027918	43.20	11.3	60	16.8	QP	L1	GND

MEASUREMENT RESULT: "CB30_fin2"

6/5/2015 9:18AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	45.00	11.2	54	8.7	AV	L1	GND
0.266530	42.30	11.5	51	8.9	AV	L1	GND
0.398888	39.50	11.8	48	8.4	AV	L1	GND

Test Mode: VGA(AC 120V)

MEASUREMENT RESULT: "CB33_fin"

6/5/2015 9:29AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200748	44.60	11.2	64	19.0	QP	N	GND
0.402085	39.60	11.8	58	18.2	QP	N	GND
18.052886	38.50	11.1	60	21.5	QP	N	GND

MEASUREMENT RESULT: "CB33_fin2"

6/5/2015 9:29AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.266530	42.80	11.5	51	8.4	AV	N	GND
0.333299	41.40	11.7	49	8.0	AV	N	GND
0.400483	38.50	11.8	48	9.3	AV	N	GND

MEASUREMENT RESULT: "CB34_fin"

6/5/2015 9:32AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.203167	45.90	11.3	64	17.6	QP	L1	GND
0.402085	40.30	11.8	58	17.5	QP	L1	GND
14.904878	38.30	11.2	60	21.7	QP	L1	GND

MEASUREMENT RESULT: "CB34_fin2"

6/5/2015 9:32AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200748	45.00	11.2	54	8.6	AV	L1	GND
0.266530	42.60	11.5	51	8.6	AV	L1	GND
0.400483	39.80	11.8	48	8.0	AV	L1	GND

Test Mode: WAN IN(AC 120V)

MEASUREMENT RESULT: "CB31_fin"

6/5/2015 9:20AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	47.60	11.2	64	16.1	QP	L1	GND
0.402085	39.90	11.8	58	17.9	QP	L1	GND
8.027918	43.30	11.3	60	16.7	QP	L1	GND

MEASUREMENT RESULT: "CB31_fin2"

6/5/2015 9:20AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200748	44.90	11.2	54	8.7	AV	L1	GND
0.266530	42.30	11.5	51	8.9	AV	L1	GND
0.400483	39.50	11.8	48	8.3	AV	L1	GND

MEASUREMENT RESULT: "CB32_fin"

6/5/2015 9:23AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200748	44.20	11.2	64	19.4	QP	N	GND
0.403694	39.00	11.8	58	18.8	QP	N	GND
8.027918	44.80	11.3	60	15.2	QP	N	GND

MEASUREMENT RESULT: "CB32_fin2"

6/5/2015 9:23AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.266530	42.50	11.5	51	8.7	AV	N	GND
0.333299	41.10	11.7	49	8.3	AV	N	GND
8.027918	39.70	11.3	50	10.3	AV	N	GND

Test Mode: USB(AC 240V)

MEASUREMENT RESULT: "S0909025_fin"

2015-06-25 1:21PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.171759	55.00	11.1	65	9.9	QP	L1	GND
0.234359	51.50	11.4	62	10.8	QP	L1	GND
4.434222	38.00	11.5	56	18.0	QP	L1	GND

MEASUREMENT RESULT: "S0909025_fin2"

2015-06-25 1:21PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.177322	42.70	11.1	55	11.9	AV	L1	GND
0.234359	40.20	11.4	52	12.1	AV	L1	GND
4.434222	29.30	11.5	46	16.7	AV	L1	GND

MEASUREMENT RESULT: "S0909024_fin"

2015-06-25 1:19PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.171759	54.50	11.1	65	10.4	QP	N	GND
0.232499	50.00	11.4	62	12.4	QP	N	GND
4.364117	35.80	11.5	56	20.2	QP	N	GND

MEASUREMENT RESULT: "S0909024_fin2"

2015-06-25 1:19PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.175915	42.50	11.1	55	12.2	AV	N	GND
0.236234	38.00	11.4	52	14.2	AV	N	GND
4.434222	28.10	11.5	46	17.9	AV	N	GND

Test Mode: AV(AC 240V)

MEASUREMENT RESULT: "S0909022_fin"

2015-06-25 1:14PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.167702	55.20	11.1	65	9.9	QP	N	GND
0.228823	50.70	11.4	63	11.8	QP	N	GND
4.434222	35.80	11.5	56	20.2	QP	N	GND

MEASUREMENT RESULT: "S0909022_fin2"

2015-06-25 1:14PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.171759	42.80	11.1	55	12.1	AV	N	GND
0.227007	39.50	11.3	53	13.1	AV	N	GND
4.434222	28.30	11.5	46	17.7	AV	N	GND

MEASUREMENT RESULT: "S0909023_fin"

2015-06-25 1:16PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170396	55.60	11.1	65	9.3	QP	L1	GND
0.234359	51.30	11.4	62	11.0	QP	L1	GND
4.469696	38.10	11.5	56	17.9	QP	L1	GND

MEASUREMENT RESULT: "S0909023_fin2"

2015-06-25 1:16PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.174518	43.50	11.1	55	11.2	AV	L1	GND
0.232499	40.20	11.4	52	12.2	AV	L1	GND
4.434222	29.40	11.5	46	16.6	AV	L1	GND

Test Mode: HDMI(AC 240V)

MEASUREMENT RESULT: "S0909021_fin"

2015-06-25 1:12PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.193566	54.50	11.2	64	9.4	QP	N	GND
0.262016	48.80	11.5	61	12.6	QP	N	GND
4.763895	39.80	11.4	56	16.2	QP	N	GND

MEASUREMENT RESULT: "S0909021_fin2"

2015-06-25 1:12PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.201433	41.40	11.2	54	12.2	AV	N	GND
0.268355	34.80	11.5	51	16.4	AV	N	GND
22.351436	32.20	11.1	50	17.8	AV	N	GND

MEASUREMENT RESULT: "S0909020_fin"

2015-06-25 1:09PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199834	55.60	11.2	64	8.0	QP	L1	GND
0.268355	49.70	11.5	61	11.5	QP	L1	GND
4.577829	42.00	11.5	56	14.0	QP	L1	GND

MEASUREMENT RESULT: "S0909020_fin2"

2015-06-25 1:09PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198248	42.80	11.2	54	10.9	AV	L1	GND
0.266225	36.70	11.5	51	14.5	AV	L1	GND
4.651367	27.50	11.5	46	18.5	AV	L1	GND

Test Mode: VGA(AC 240V)

MEASUREMENT RESULT: "S0909017_fin"

2015-06-25 1:02PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.167702	56.20	11.1	65	8.9	QP	N	GND
0.223418	50.90	11.3	63	11.8	QP	N	GND
4.505453	35.40	11.5	56	20.6	QP	N	GND
22.174043	36.80	11.1	60	23.2	QP	N	GND

MEASUREMENT RESULT: "S0909017_fin2"

2015-06-25 1:02PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.173133	43.10	11.1	55	11.7	AV	N	GND
0.228823	39.90	11.4	53	12.6	AV	N	GND
0.283749	33.60	11.5	51	17.1	AV	N	GND

MEASUREMENT RESULT: "S0909016_fin"

2015-06-25 12:59PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170396	57.40	11.1	65	7.5	QP	L1	GND
0.228823	52.90	11.4	63	9.6	QP	L1	GND
4.434222	37.30	11.5	56	18.7	QP	L1	GND

MEASUREMENT RESULT: "S0909016_fin2"

2015-06-25 12:59PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170396	44.20	11.1	55	10.7	AV	L1	GND
0.228823	41.00	11.4	53	11.5	AV	L1	GND
4.434222	29.00	11.5	46	17.0	AV	L1	GND

Test Mode: WAN IN(AC 240V)

MEASUREMENT RESULT: "S0909019_fin"

2015-06-25 1:07PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.193566	55.40	11.2	64	8.5	QP	L1	GND
0.262016	50.30	11.5	61	11.1	QP	L1	GND
4.577829	40.80	11.5	56	15.2	QP	L1	GND

MEASUREMENT RESULT: "S0909019_fin2"

2015-06-25 1:07PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199834	43.10	11.2	54	10.5	AV	L1	GND
0.266225	36.70	11.5	51	14.5	AV	L1	GND
4.614451	26.70	11.5	46	19.3	AV	L1	GND

MEASUREMENT RESULT: "S0909018_fin"

2015-06-25 1:05PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.196675	55.50	11.2	64	8.2	QP	N	GND
0.268355	48.90	11.5	61	12.3	QP	N	GND
4.688578	41.20	11.5	56	14.8	QP	N	GND

MEASUREMENT RESULT: "S0909018_fin2"

2015-06-25 1:05PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199834	42.40	11.2	54	11.2	AV	N	GND
0.270502	33.80	11.5	51	17.3	AV	N	GND
4.688578	28.40	11.5	46	17.6	AV	N	GND

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are shown in the following pages.

ACCURATE TECHNOLOGY CO.,LTD

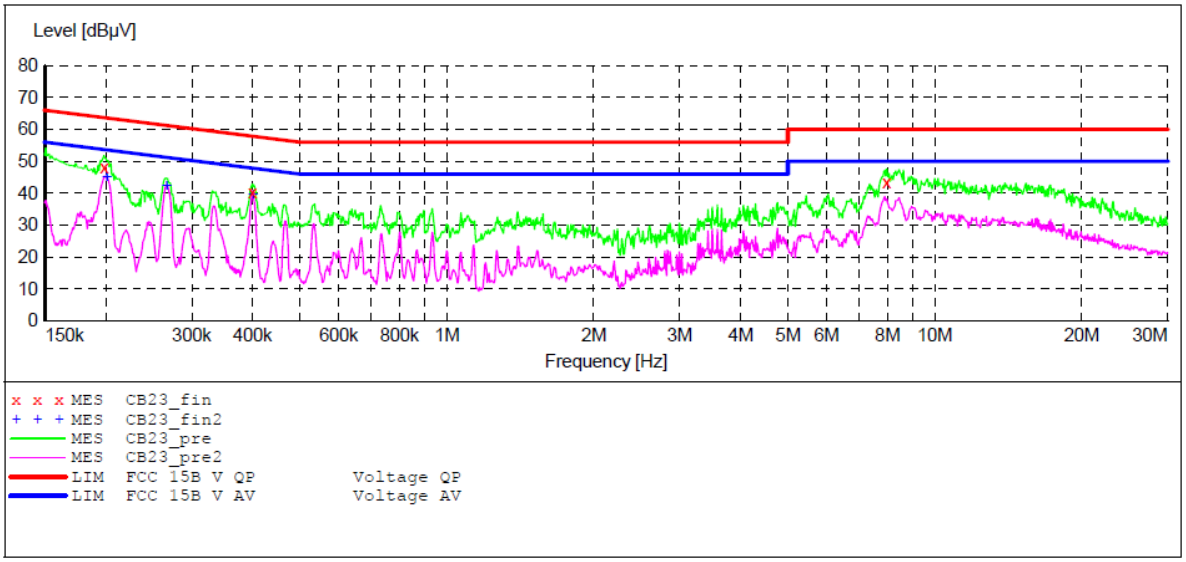
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: USB
Test Site: 1#Shielding Room
Operator: STAR
Test Specification: L 230V/50Hz
Comment: Report No.:ATE20151179
Start of Test: 6/5/2015 / 8:57:16AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "CB23_fin"

6/5/2015 8:59AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	48.30	11.2	64	15.4	QP	L1	GND
0.398888	40.30	11.8	58	17.6	QP	L1	GND
7.964078	43.30	11.3	60	16.7	QP	L1	GND

MEASUREMENT RESULT: "CB23_fin2"

6/5/2015 8:59AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200748	44.90	11.2	54	8.7	AV	L1	GND
0.266530	42.20	11.5	51	9.0	AV	L1	GND
0.400483	39.30	11.8	48	8.5	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

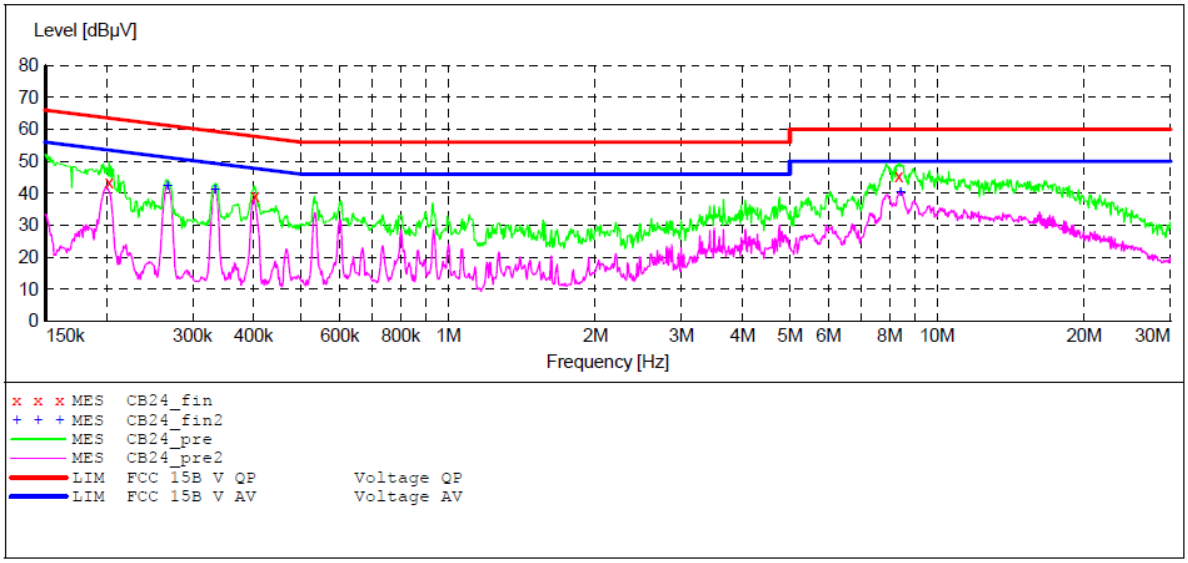
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: USB
Test Site: 1#Shielding Room
Operator: STAR
Test Specification: N 230V/50Hz
Comment: Report No.:ATE20151179
Start of Test: 6/5/2015 / 9:00:43AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "CB24_fin"

6/5/2015 9:02AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.202358	43.20	11.2	64	20.3	QP	N	GND
0.402085	39.20	11.8	58	18.6	QP	N	GND
8.354877	45.30	11.3	60	14.7	QP	N	GND

MEASUREMENT RESULT: "CB24_fin2"

6/5/2015 9:02AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.266530	42.40	11.5	51	8.8	AV	N	GND
0.333299	41.10	11.7	49	8.3	AV	N	GND
8.421850	40.20	11.3	50	9.8	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

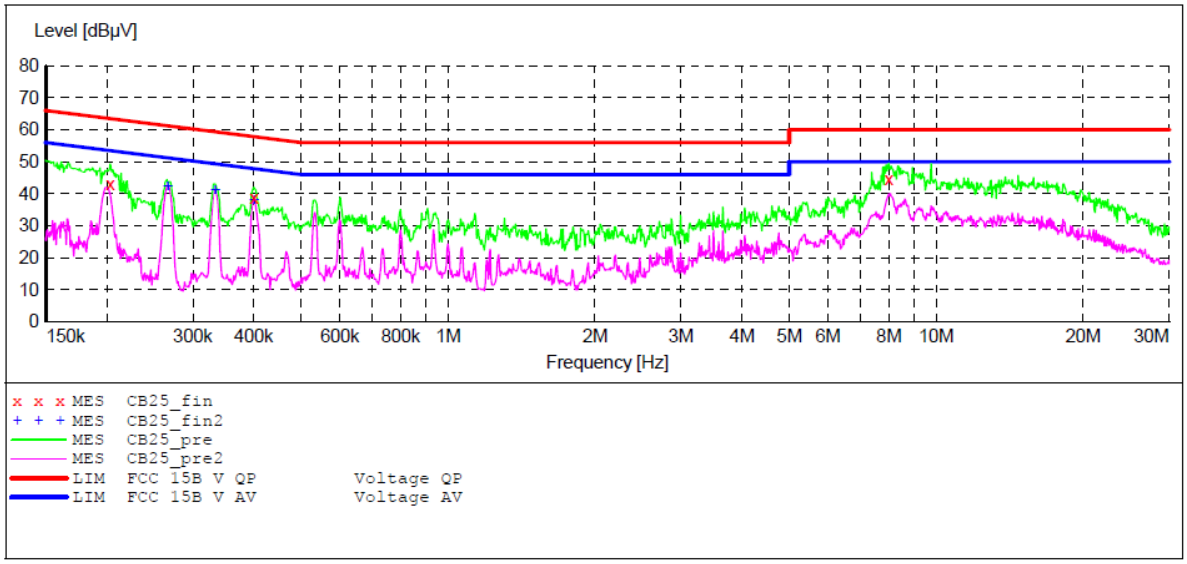
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: AV
Test Site: 1#Shielding Room
Operator: STAR
Test Specification: N 230V/50Hz
Comment: Report No.:ATE20151179
Start of Test: 6/5/2015 / 9:03:21AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "CB25_fin"

6/5/2015 9:05AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.203167	43.00	11.3	64	20.5	QP	N	GND
0.400483	38.90	11.8	58	18.9	QP	N	GND
7.995934	44.40	11.3	60	15.6	QP	N	GND

MEASUREMENT RESULT: "CB25_fin2"

6/5/2015 9:05AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.266530	42.40	11.5	51	8.8	AV	N	GND
0.333299	41.10	11.7	49	8.3	AV	N	GND
0.400483	38.10	11.8	48	9.7	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

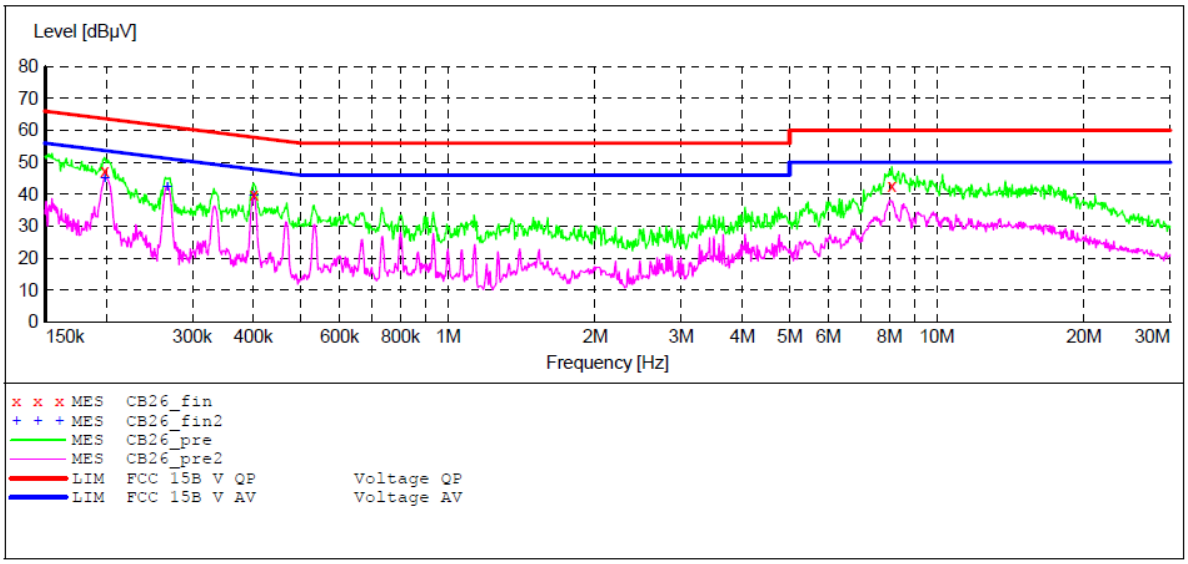
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: AV
Test Site: 1#Shielding Room
Operator: STAR
Test Specification: L 230V/50Hz
Comment: Report No.:ATE20151179
Start of Test: 6/5/2015 / 9:05:48AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "CB26_fin"

6/5/2015 9:08AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	47.30	11.2	64	16.4	QP	L1	GND
0.400483	40.00	11.8	58	17.8	QP	L1	GND
8.092270	42.70	11.3	60	17.3	QP	L1	GND

MEASUREMENT RESULT: "CB26_fin2"

6/5/2015 9:08AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	44.80	11.2	54	8.9	AV	L1	GND
0.266530	42.30	11.5	51	8.9	AV	L1	GND
0.400483	39.50	11.8	48	8.3	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

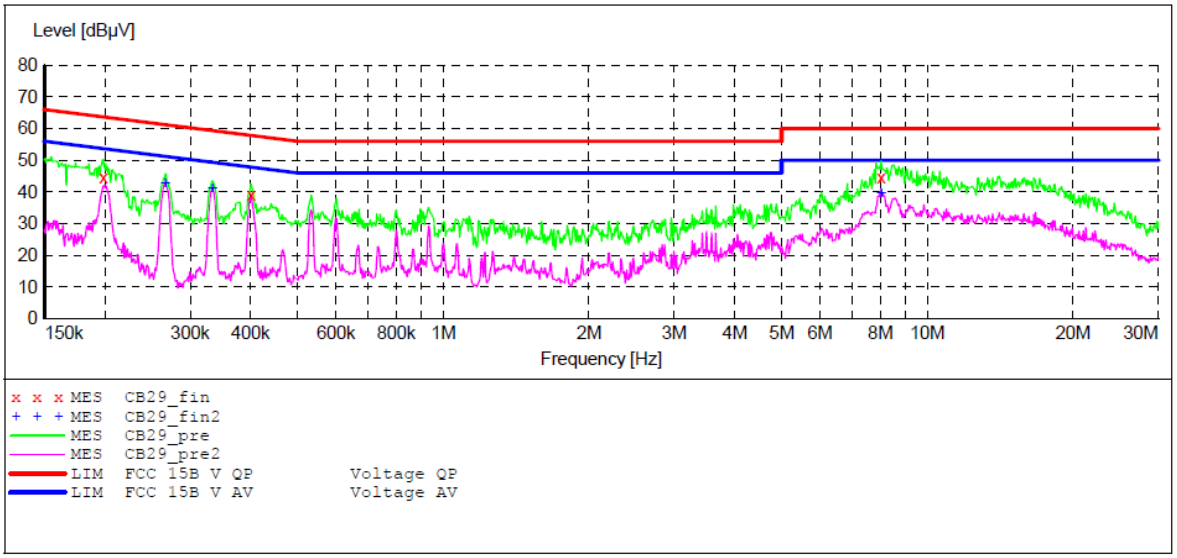
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: HDMI
Test Site: 1#Shielding Room
Operator: STAR
Test Specification: N 230V/50Hz
Comment: Report No.:ATE20151179
Start of Test: 6/5/2015 / 9:13:55AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "CB29_fin"

6/5/2015 9:15AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	44.40	11.2	64	19.3	QP	N	GND
0.400483	39.00	11.8	58	18.8	QP	N	GND
8.027918	44.70	11.3	60	15.3	QP	N	GND

MEASUREMENT RESULT: "CB29_fin2"

6/5/2015 9:15AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.266530	42.50	11.5	51	8.7	AV	N	GND
0.333299	41.10	11.7	49	8.3	AV	N	GND
8.027918	39.60	11.3	50	10.4	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

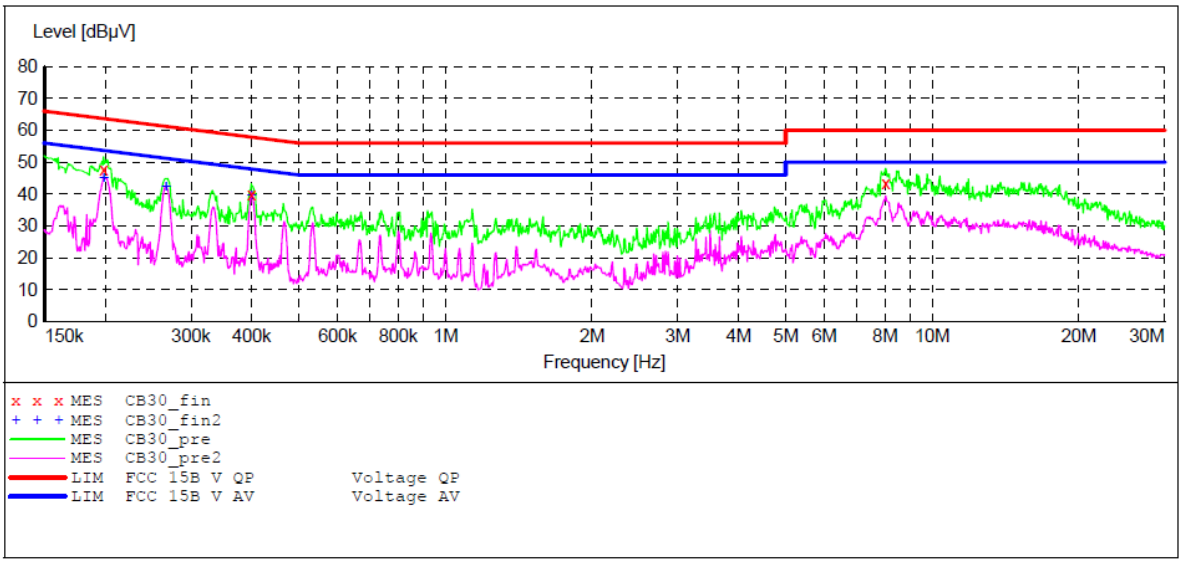
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: HDMI
Test Site: 1#Shielding Room
Operator: STAR
Test Specification: L 230V/50Hz
Comment: Report No.:ATE20151179
Start of Test: 6/5/2015 / 9:16:16AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "CB30_fin"

6/5/2015 9:18AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	47.60	11.2	64	16.1	QP	L1	GND
0.398888	40.00	11.8	58	17.9	QP	L1	GND
8.027918	43.20	11.3	60	16.8	QP	L1	GND

MEASUREMENT RESULT: "CB30_fin2"

6/5/2015 9:18AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	45.00	11.2	54	8.7	AV	L1	GND
0.266530	42.30	11.5	51	8.9	AV	L1	GND
0.398888	39.50	11.8	48	8.4	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

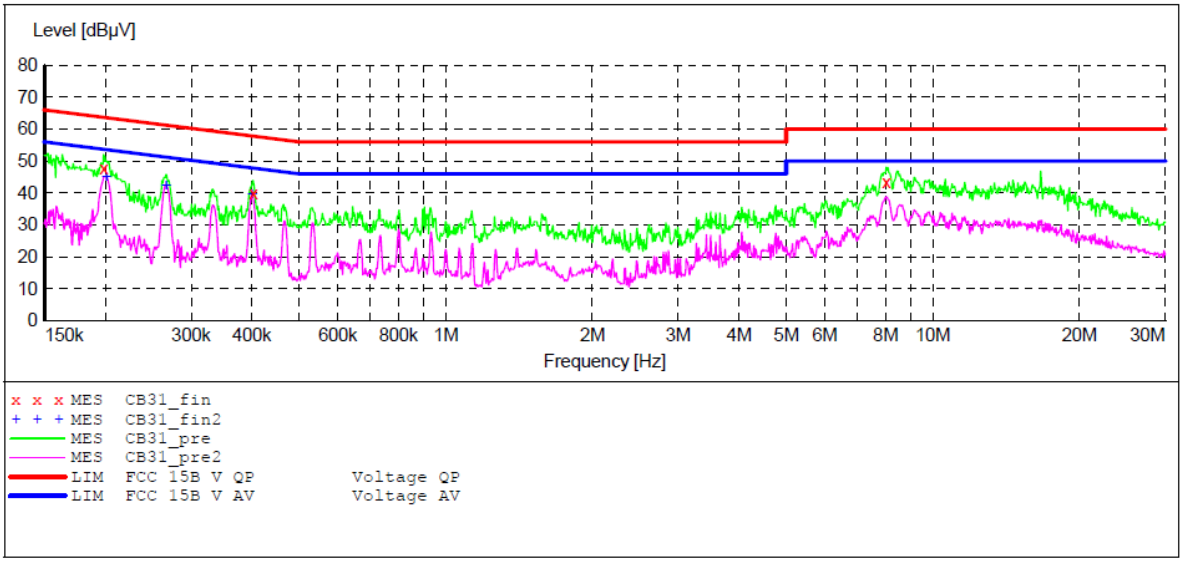
CONDUCTED EMISSION STANDARD FCC PART 15B

```
EUT:                  Interactive Flat Panel     M/N:ST-840
Manufacturer:         Recordex
Operating Condition:  WAN IN
Test Site:            1#Shielding Room
Operator:             STAR
Test Specification:   L  230V/50Hz
Comment:              Report No.:ATE20151179
Start of Test:        6/5/2015 / 9:18:45AM
```

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "CB31_fin"

6/5/2015 9:20AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	47.60	11.2	64	16.1	QP	L1	GND
0.402085	39.90	11.8	58	17.9	QP	L1	GND
8.027918	43.30	11.3	60	16.7	QP	L1	GND

MEASUREMENT RESULT: "CB31_fin2"

6/5/2015 9:20AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200748	44.90	11.2	54	8.7	AV	L1	GND
0.266530	42.30	11.5	51	8.9	AV	L1	GND
0.400483	39.50	11.8	48	8.3	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

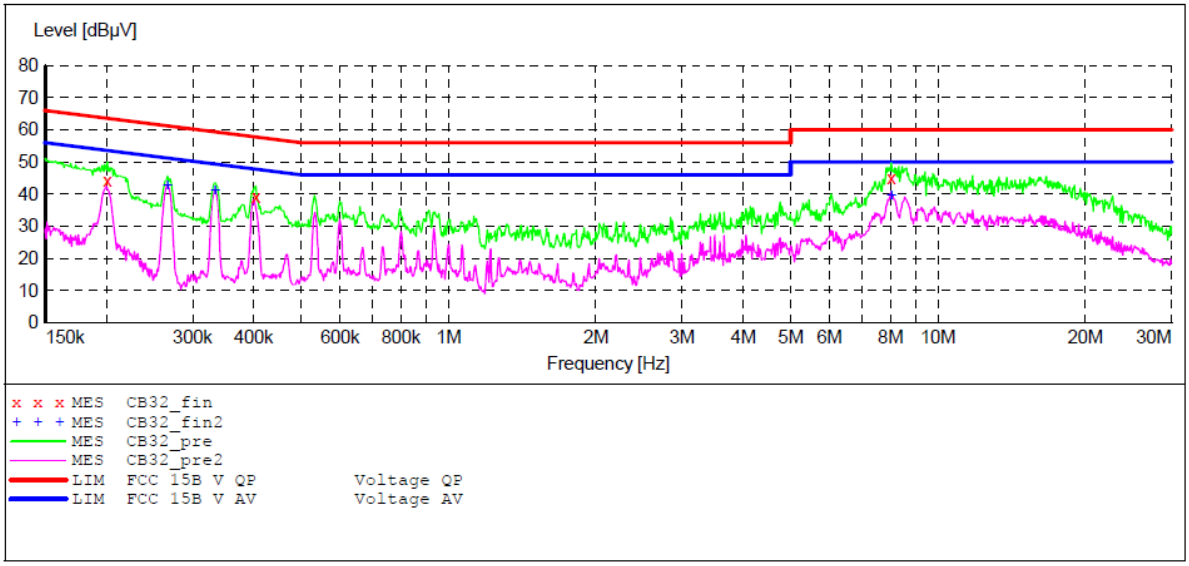
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: WAN IN
Test Site: 1#Shielding Room
Operator: STAR
Test Specification: N 230V/50Hz
Comment: Report No.:ATE20151179
Start of Test: 6/5/2015 / 9:21:13AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "CB32_fin"

6/5/2015 9:23AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200748	44.20	11.2	64	19.4	QP	N	GND
0.403694	39.00	11.8	58	18.8	QP	N	GND
8.027918	44.80	11.3	60	15.2	QP	N	GND

MEASUREMENT RESULT: "CB32_fin2"

6/5/2015 9:23AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.266530	42.50	11.5	51	8.7	AV	N	GND
0.333299	41.10	11.7	49	8.3	AV	N	GND
8.027918	39.70	11.3	50	10.3	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

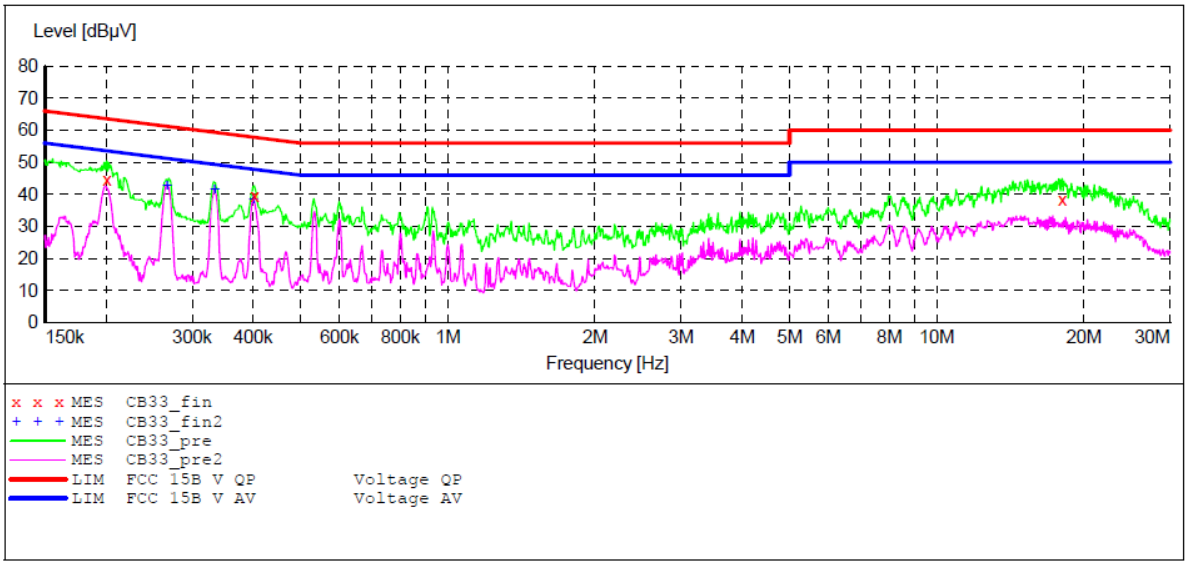
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: VGA
Test Site: 1#Shielding Room
Operator: STAR
Test Specification: N 230V/50Hz
Comment: Report No.:ATE20151179
Start of Test: 6/5/2015 / 9:25:48AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "CB33_fin"

6/5/2015 9:29AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200748	44.60	11.2	64	19.0	QP	N	GND
0.402085	39.60	11.8	58	18.2	QP	N	GND
18.052886	38.50	11.1	60	21.5	QP	N	GND

MEASUREMENT RESULT: "CB33_fin2"

6/5/2015 9:29AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.266530	42.80	11.5	51	8.4	AV	N	GND
0.333299	41.40	11.7	49	8.0	AV	N	GND
0.400483	38.50	11.8	48	9.3	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

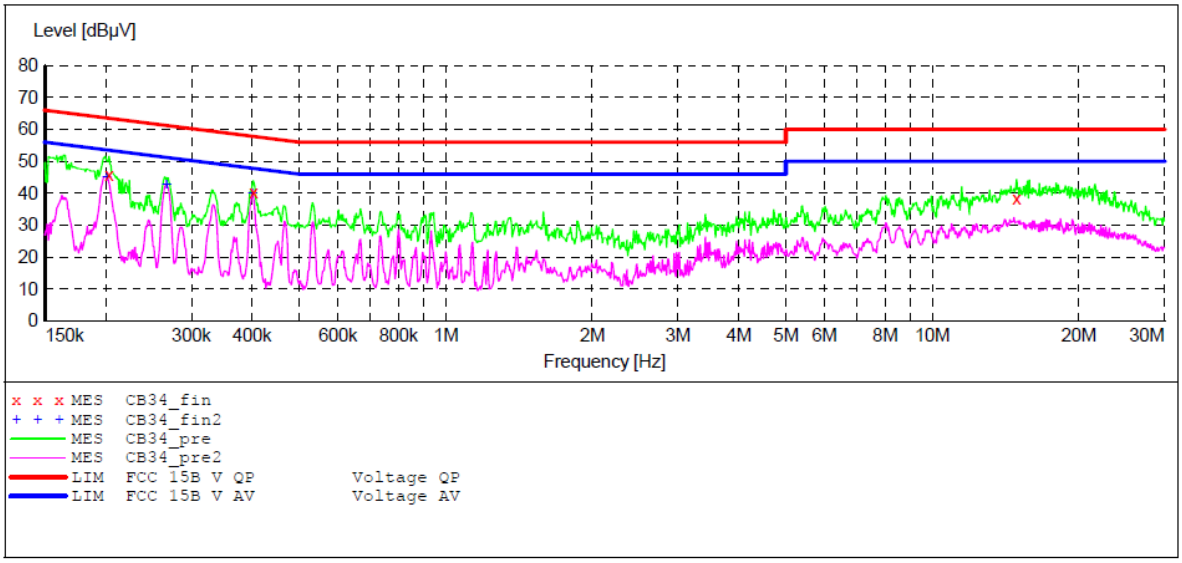
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: VGA
Test Site: 1#Shielding Room
Operator: STAR
Test Specification: L 230V/50Hz
Comment: Report No.:ATE20151179
Start of Test: 6/5/2015 / 9:30:15AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "CB34_fin"

6/5/2015 9:32AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.203167	45.90	11.3	64	17.6	QP	L1	GND
0.402085	40.30	11.8	58	17.5	QP	L1	GND
14.904878	38.30	11.2	60	21.7	QP	L1	GND

MEASUREMENT RESULT: "CB34_fin2"

6/5/2015 9:32AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200748	45.00	11.2	54	8.6	AV	L1	GND
0.266530	42.60	11.5	51	8.6	AV	L1	GND
0.400483	39.80	11.8	48	8.0	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

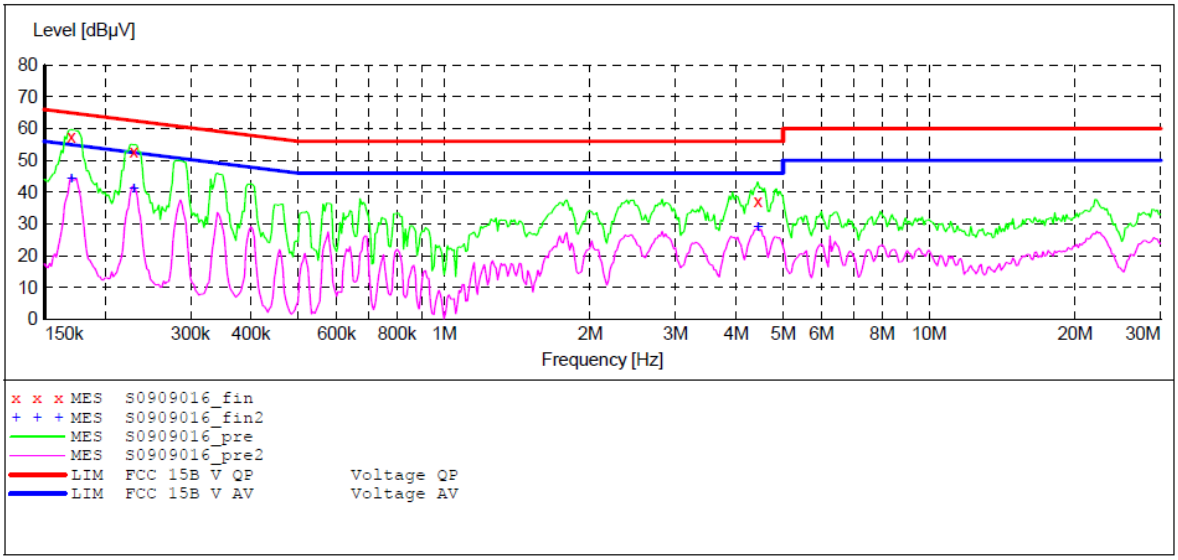
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: VGA
Test Site: 1#Shielding Room
Operator: Star
Test Specification: L 240V/60Hz
Comment: Report NO.:ATE20151179
Start of Test: 2015-06-25 / 12:57:32PM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "S0909016_fin"

2015-06-25 12:59PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170396	57.40	11.1	65	7.5	QP	L1	GND
0.228823	52.90	11.4	63	9.6	QP	L1	GND
4.434222	37.30	11.5	56	18.7	QP	L1	GND

MEASUREMENT RESULT: "S0909016_fin2"

2015-06-25 12:59PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170396	44.20	11.1	55	10.7	AV	L1	GND
0.228823	41.00	11.4	53	11.5	AV	L1	GND
4.434222	29.00	11.5	46	17.0	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

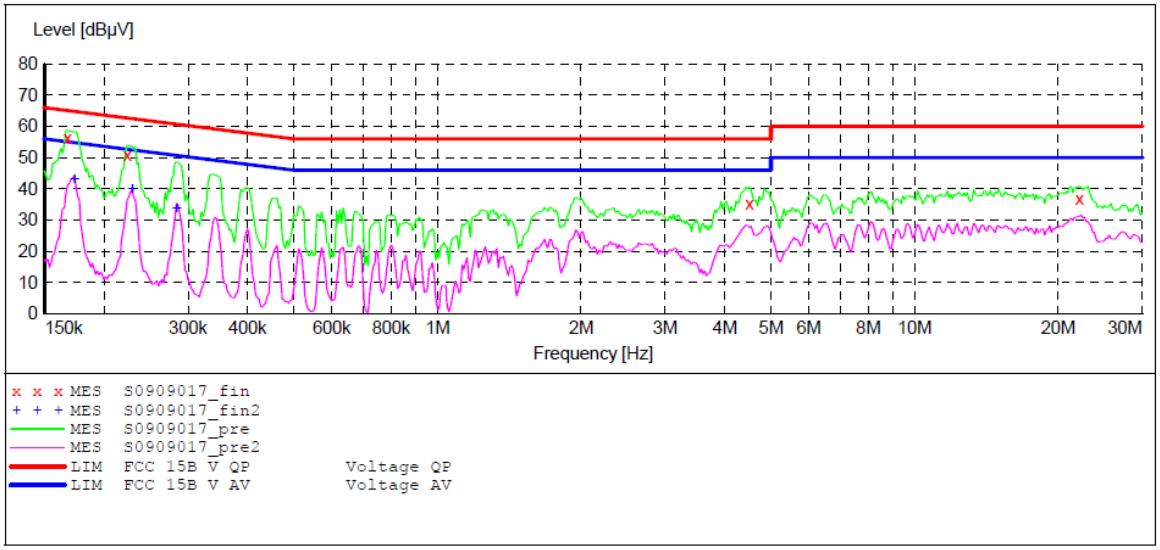
CONDUCTED EMISSION STANDARD FCC PART 15B

```
EUT:                  Interactive Flat Panel     M/N:ST-840
Manufacturer:         Recordex
Operating Condition:  VGA
Test Site:            1#Shielding Room
Operator:             Star
Test Specification:   N  240V/60Hz
Comment:              Report NO.:ATE20151179
Start of Test:        2015-06-25 / 1:00:12PM
```

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "S0909017_fin"

2015-06-25 1:02PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.167702	56.20	11.1	65	8.9	QP	N	GND
0.223418	50.90	11.3	63	11.8	QP	N	GND
4.505453	35.40	11.5	56	20.6	QP	N	GND
22.174043	36.80	11.1	60	23.2	QP	N	GND

MEASUREMENT RESULT: "S0909017_fin2"

2015-06-25 1:02PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.173133	43.10	11.1	55	11.7	AV	N	GND
0.228823	39.90	11.4	53	12.6	AV	N	GND
0.283749	33.60	11.5	51	17.1	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

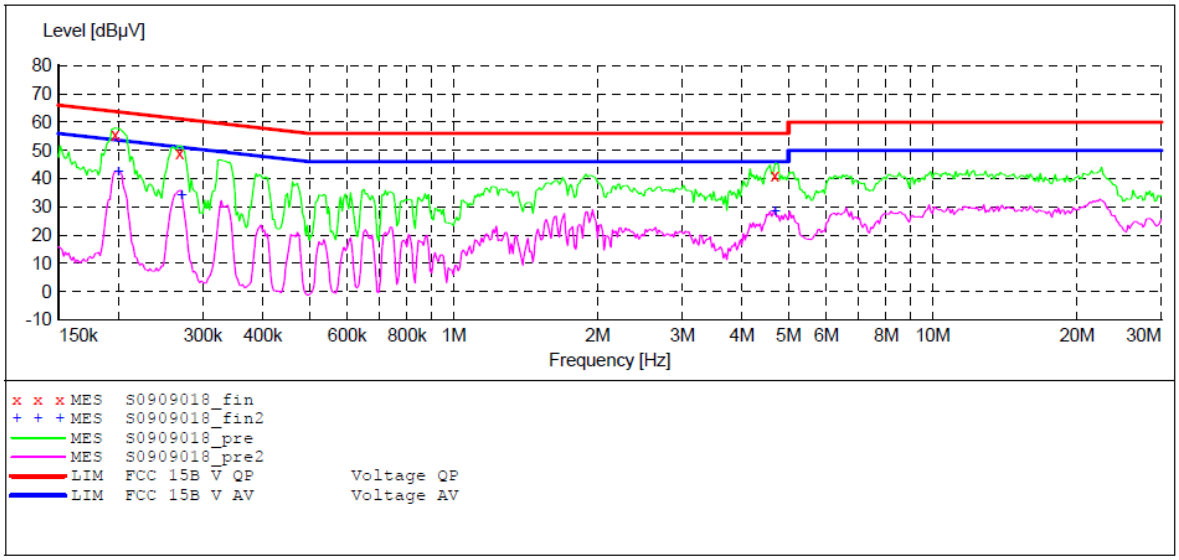
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: WAN IN
Test Site: 1#Shielding Room
Operator: Star
Test Specification: N 240V/60Hz
Comment: Report NO.:ATE20151179
Start of Test: 2015-06-25 / 1:02:58PM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "S0909018_fin"

2015-06-25 1:05PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.196675	55.50	11.2	64	8.2	QP	N	GND
0.268355	48.90	11.5	61	12.3	QP	N	GND
4.688578	41.20	11.5	56	14.8	QP	N	GND

MEASUREMENT RESULT: "S0909018_fin2"

2015-06-25 1:05PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199834	42.40	11.2	54	11.2	AV	N	GND
0.270502	33.80	11.5	51	17.3	AV	N	GND
4.688578	28.40	11.5	46	17.6	AV	N	GND

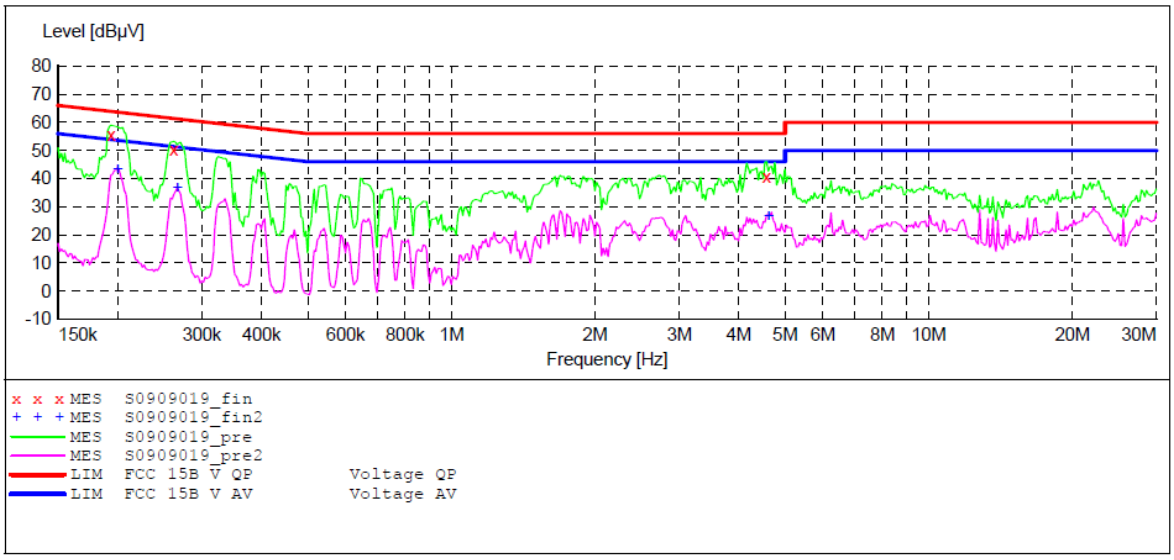
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

```
EUT:                  Interactive Flat Panel     M/N:ST-840
Manufacturer:         Recordex
Operating Condition:  WAN IN
Test Site:            1#Shielding Room
Operator:             Star
Test Specification:   L  240V/60Hz
Comment:              Report NO.:ATE20151179
Start of Test:        2015-06-25 / 1:05:47PM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:              _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "S0909019_fin"

2015-06-25 1:07PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.193566	55.40	11.2	64	8.5	QP	L1	GND
0.262016	50.30	11.5	61	11.1	QP	L1	GND
4.577829	40.80	11.5	56	15.2	QP	L1	GND

MEASUREMENT RESULT: "S0909019_fin2"

2015-06-25 1:07PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199834	43.10	11.2	54	10.5	AV	L1	GND
0.266225	36.70	11.5	51	14.5	AV	L1	GND
4.614451	26.70	11.5	46	19.3	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

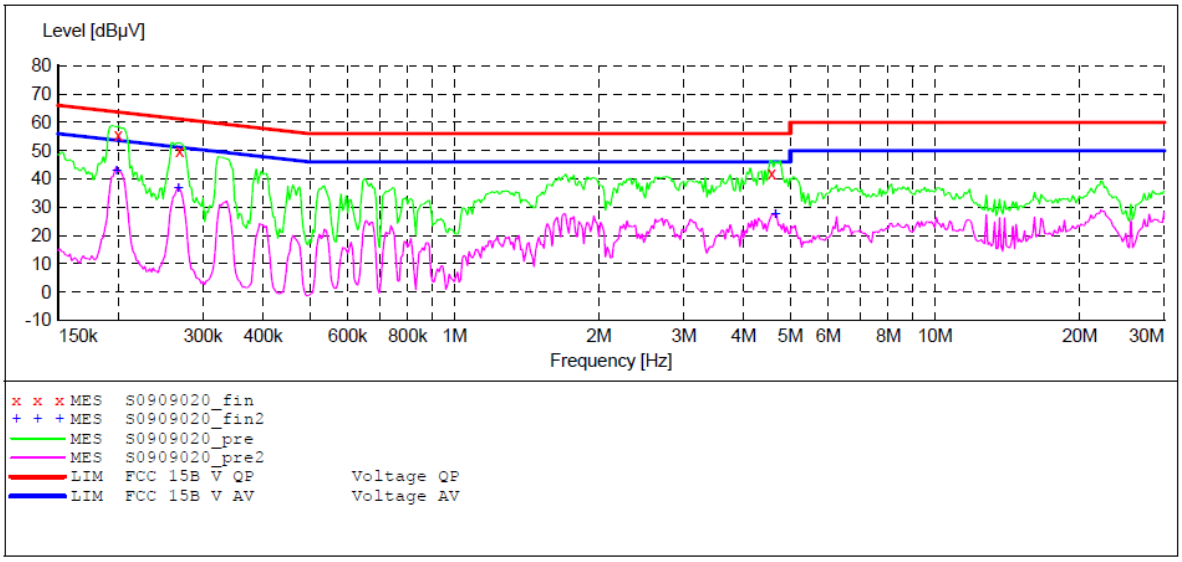
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: HDMI
Test Site: 1#Shielding Room
Operator: Star
Test Specification: L 240V/60Hz
Comment: Report NO.:ATE20151179
Start of Test: 2015-06-25 / 1:07:59PM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "S0909020_fin"

2015-06-25 1:09PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199834	55.60	11.2	64	8.0	QP	L1	GND
0.268355	49.70	11.5	61	11.5	QP	L1	GND
4.577829	42.00	11.5	56	14.0	QP	L1	GND

MEASUREMENT RESULT: "S0909020_fin2"

2015-06-25 1:09PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198248	42.80	11.2	54	10.9	AV	L1	GND
0.266225	36.70	11.5	51	14.5	AV	L1	GND
4.651367	27.50	11.5	46	18.5	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

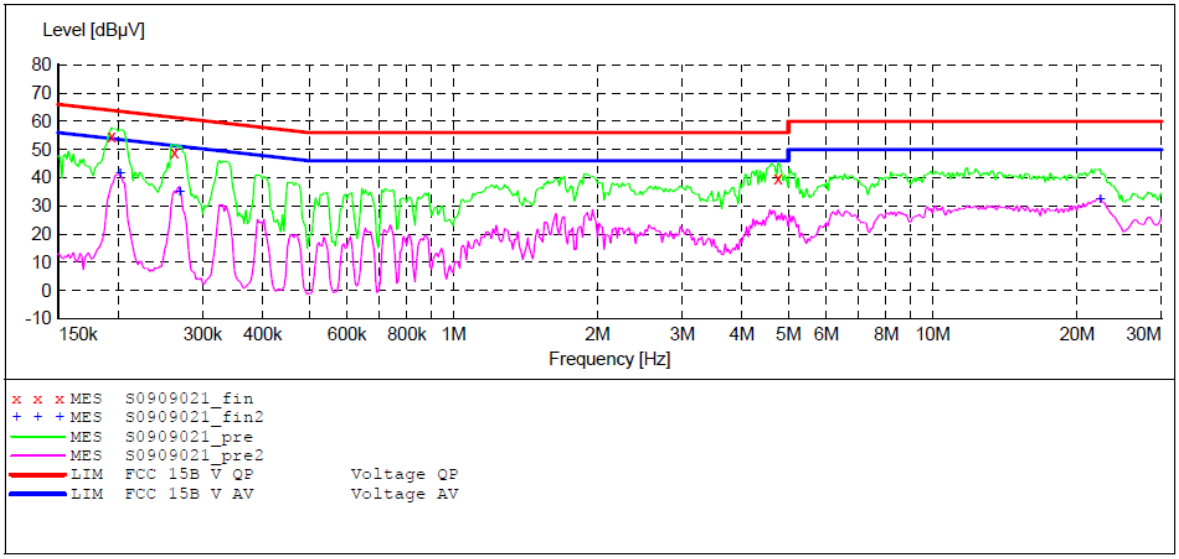
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: HDMI
Test Site: 1#Shielding Room
Operator: Star
Test Specification: N 240V/60Hz
Comment: Report NO.:ATE20151179
Start of Test: 2015-06-25 / 1:10:15PM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "S0909021_fin"

2015-06-25 1:12PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.193566	54.50	11.2	64	9.4	QP	N	GND
0.262016	48.80	11.5	61	12.6	QP	N	GND
4.763895	39.80	11.4	56	16.2	QP	N	GND

MEASUREMENT RESULT: "S0909021_fin2"

2015-06-25 1:12PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.201433	41.40	11.2	54	12.2	AV	N	GND
0.268355	34.80	11.5	51	16.4	AV	N	GND
22.351436	32.20	11.1	50	17.8	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

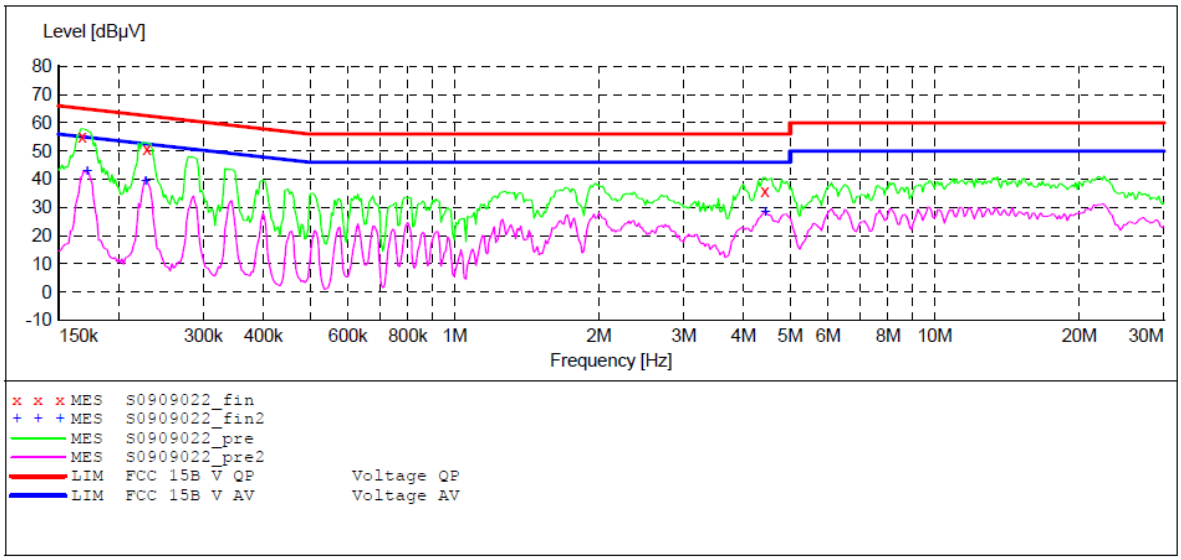
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: AV
Test Site: 1#Shielding Room
Operator: Star
Test Specification: N 240V/60Hz
Comment: Report NO.:ATE20151179
Start of Test: 2015-06-25 / 1:12:35PM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "S0909022_fin"

2015-06-25 1:14PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.167702	55.20	11.1	65	9.9	QP	N	GND
0.228823	50.70	11.4	63	11.8	QP	N	GND
4.434222	35.80	11.5	56	20.2	QP	N	GND

MEASUREMENT RESULT: "S0909022_fin2"

2015-06-25 1:14PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.171759	42.80	11.1	55	12.1	AV	N	GND
0.227007	39.50	11.3	53	13.1	AV	N	GND
4.434222	28.30	11.5	46	17.7	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

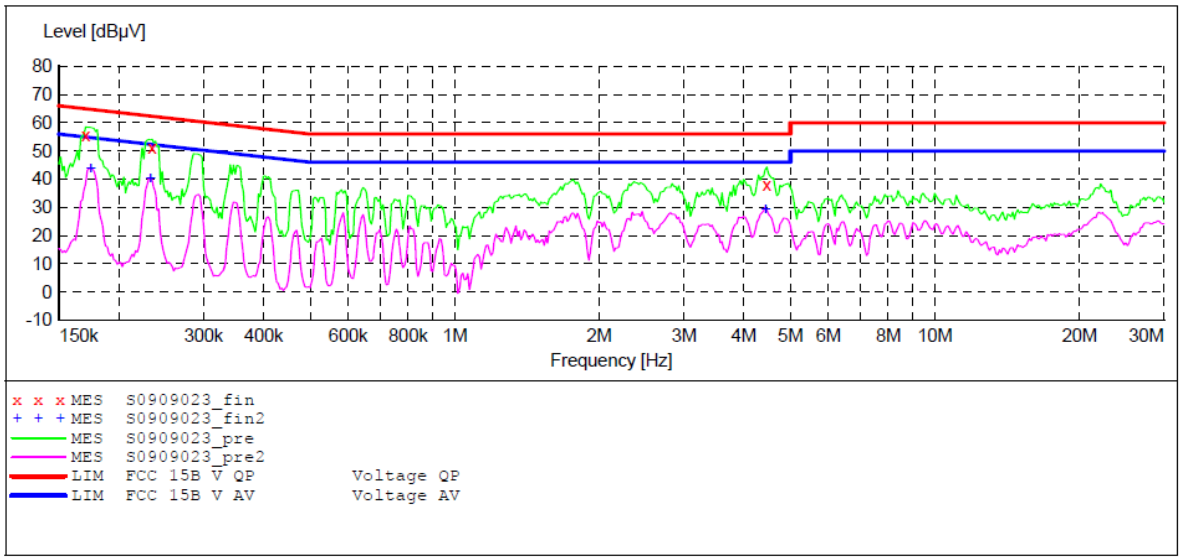
CONDUCTED EMISSION STANDARD FCC PART 15B

```
EUT:                  Interactive Flat Panel     M/N:ST-840
Manufacturer:         Recordex
Operating Condition:  AV
Test Site:            1#Shielding Room
Operator:             Star
Test Specification:   L  240V/60Hz
Comment:              Report NO.:ATE20151179
Start of Test:        2015-06-25 / 1:14:53PM
```

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "S0909023_fin"

2015-06-25 1:16PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170396	55.60	11.1	65	9.3	QP	L1	GND
0.234359	51.30	11.4	62	11.0	QP	L1	GND
4.469696	38.10	11.5	56	17.9	QP	L1	GND

MEASUREMENT RESULT: "S0909023_fin2"

2015-06-25 1:16PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.174518	43.50	11.1	55	11.2	AV	L1	GND
0.232499	40.20	11.4	52	12.2	AV	L1	GND
4.434222	29.40	11.5	46	16.6	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

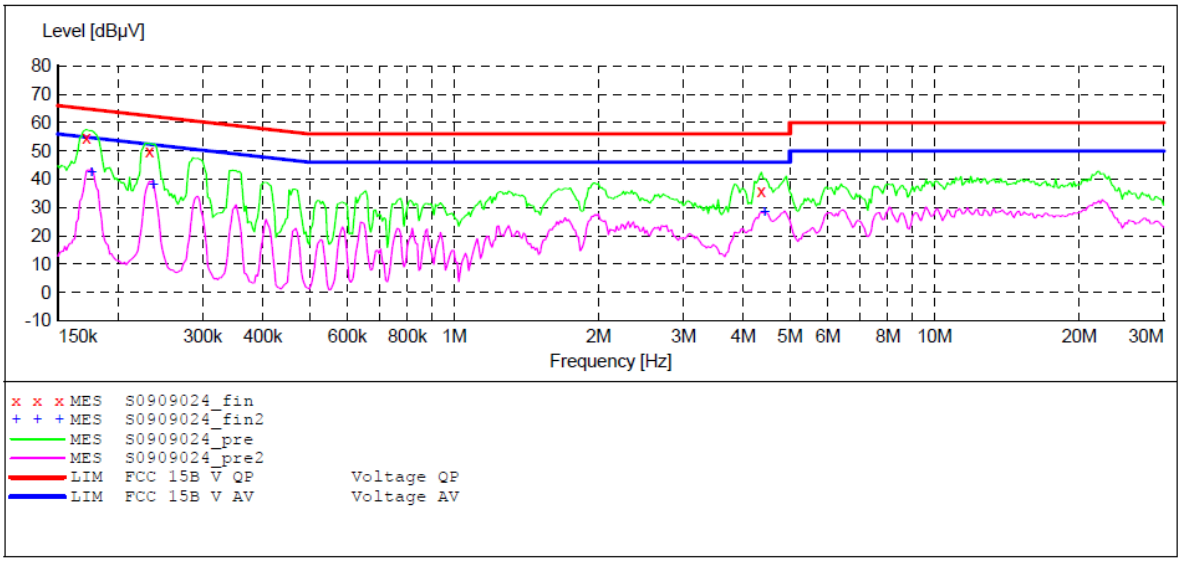
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: USB
Test Site: 1#Shielding Room
Operator: Star
Test Specification: N 240V/60Hz
Comment: Report NO.:ATE20151179
Start of Test: 2015-06-25 / 1:17:09PM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "S0909024_fin"

2015-06-25 1:19PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.171759	54.50	11.1	65	10.4	QP	N	GND
0.232499	50.00	11.4	62	12.4	QP	N	GND
4.364117	35.80	11.5	56	20.2	QP	N	GND

MEASUREMENT RESULT: "S0909024_fin2"

2015-06-25 1:19PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.175915	42.50	11.1	55	12.2	AV	N	GND
0.236234	38.00	11.4	52	14.2	AV	N	GND
4.434222	28.10	11.5	46	17.9	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

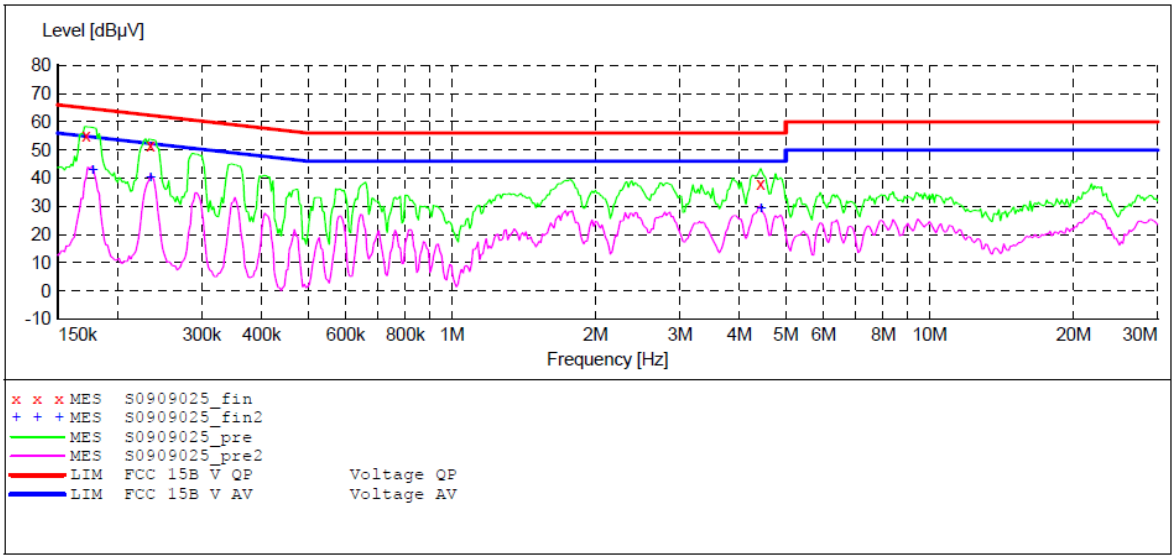
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-840
Manufacturer: Recordex
Operating Condition: USB
Test Site: 1#Shielding Room
Operator: Star
Test Specification: L 240V/60Hz
Comment: Report NO.:ATE20151179
Start of Test: 2015-06-25 / 1:19:47PM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "S0909025_fin"

2015-06-25 1:21PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.171759	55.00	11.1	65	9.9	QP	L1	GND
0.234359	51.50	11.4	62	10.8	QP	L1	GND
4.434222	38.00	11.5	56	18.0	QP	L1	GND

MEASUREMENT RESULT: "S0909025_fin2"

2015-06-25 1:21PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.177322	42.70	11.1	55	11.9	AV	L1	GND
0.234359	40.20	11.4	52	12.1	AV	L1	GND
4.434222	29.30	11.5	46	16.7	AV	L1	GND

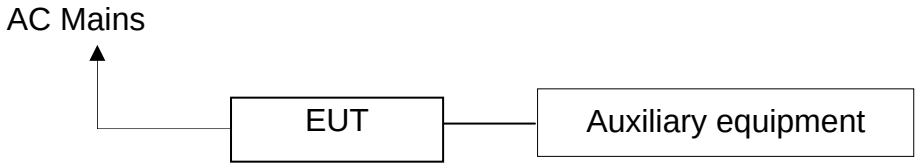
4. RADIATED EMISSION MEASUREMENT

4.1. For Radiated Emission Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan.10, 2015	1 Year
2.	Spectrum Analyzer	Rohde&Schwarz	FSV40	101495	Jan.10, 2015	1 Year
3.	Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan.10, 2015	1 Year
4.	Test Receiver	Rohde& Schwarz	ESPI	100396/003	Jan.10, 2015	1 Year
5.	Test Receiver	Rohde& Schwarz	ESPI	101526/003	Jan.10, 2015	1 Year
6.	Test Receiver	Rohde& Schwarz	ESR	101817	Jan.10, 2015	1 Year
7.	Bilog Antenna	Schwarzbeck	VULB9163	9163-194	Jan.15, 2015	1 Year
8.	Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan.15, 2015	1 Year
9.	Log.-Per.Antenna	Schwarzbeck	VUSLP 9111B	9111B-074	Jan.15, 2015	1 Year
10.	Biconical Broad Band Antenna	Schwarzbeck	VHBB 9124+BBA 9106	9124-617	Jan.15, 2015	1 Year
11.	Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan.15, 2015	1 Year
12.	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan.15, 2015	1 Year
13.	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1067	Jan.15, 2015	1 Year
14.	Vertical Active Monopole Antenna	Schwarzbeck	VAMP 9243	9243-370	Jan.15, 2015	1 Year
15.	RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	Jan.10, 2015	1 Year
16.	Pre-Amplifier	Agilent	8447D	294A10619	Jan.10, 2015	1 Year
17.	Pre-Amplifier	Rohde&Schwarz	CBLU11835 40-01	3791	Jan.10, 2015	1 Year
18.	50 Coaxial Switch	Anritsu Corp	MP59B	6200237248	Jan.10, 2015	1 Year
19.	50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	Jan.10, 2015	1 Year
20.	RF Coaxial Cable	Schwarzbeck	N-5m	No.1	Jan.10, 2015	1 Year
21.	RF Coaxial Cable	Schwarzbeck	N-1m	No.6	Jan.10, 2015	1 Year
22.	RF Coaxial Cable	Schwarzbeck	N-1m	No.7	Jan.10, 2015	1 Year
23.	RF Coaxial Cable	SUHNER	N-3m	No.8	Jan.10, 2015	1 Year
24.	RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	Jan.10, 2015	1 Year
25.	RF Coaxial Cable	SUHNER	N-6m	No.10	Jan.10, 2015	1 Year
26.	RF Coaxial Cable	RESENBERGER	N-12m	No.11	Jan.10, 2015	1 Year
27.	RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	Jan.10, 2015	1 Year
28.	RF Coaxial Cable	SUHNER	N-2m	No.13	Jan.10, 2015	1 Year
29.	RF Coaxial Cable	SUHNER	N-0.5m	No.15	Jan.10, 2015	1 Year
30.	RF Coaxial Cable	SUHNER	N-2m	No.16	Jan.10, 2015	1 Year
31.	RF Coaxial Cable	RESENBERGER	N-6m	No.17	Jan.10, 2015	1 Year

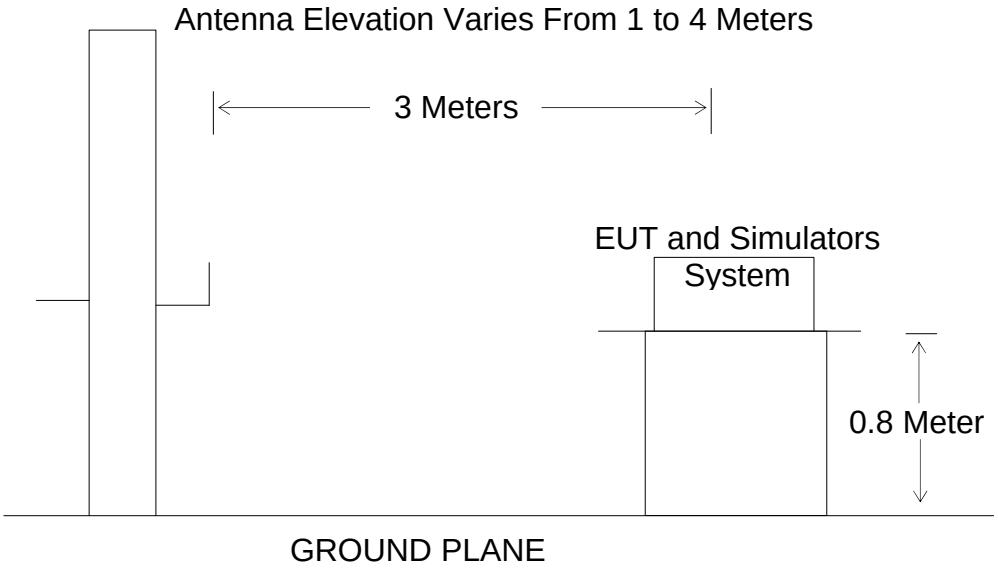
4.2.Block Diagram of Test Setup

4.2.1. Block diagram of connection between the EUT and simulators



(EUT: Interactive Flat Panel)

4.2.2. Anechoic Chamber Test Setup Diagram



(EUT: Interactive Flat Panel)

4.3.Radiated Emission Limit (Class B)

Frequency MHz	Distance Meters	Field Strengths Limit	
		μV/m	dB(μV/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 dB (μV) = 20 log Emission level μV/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.

4.4.EUT Configuration on Measurement

The following equipment is 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.

4.4.1. Interactive Flat Panel (EUT)

Model Number**:** ST-840U
Serial Number**:** N/A
Manufacturer**:** Recordex USA, Inc.

4.5.Operating Condition of EUT

4.5.1.Setup the EUT and simulator as shown as Section 4.2.

4.5.2.Turn on the power of all equipment.

4.5.3.Let the EUT work in test mode (AV, USB, HDMI, VGA, WAN) and measure it.

4.6.Test Procedure

The 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 polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4：2014 on radiated emission measurement.

The bandwidth of the EMI test receiver (R&S ESCS30) is set at 120kHz from 30MHz to 1000MHz.

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

4.7.Radiated Emission Noise Measurement Result

PASS.

Model Number: ST-840U
Test mode: USB

Horizontal

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	54.7086	57.10	-20.90	36.20	40.00	-3.80	QP
2	184.5132	60.23	-21.42	38.81	43.50	-4.69	QP
3	254.0312	58.69	-19.51	39.18	46.00	-6.82	QP

Vertical

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	71.4539	58.10	-21.43	36.67	40.00	-3.33	QP
2	126.2486	63.27	-22.86	40.41	43.50	-3.09	QP
3	185.8143	59.22	-21.32	37.90	43.50	-5.60	QP

Above 1G

Horizontal

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1336.714	64.26	-12.13	52.13	74.00	-21.87	peak
2	1336.714	57.00	-12.13	44.87	54.00	-9.13	AVG

Vertical

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1489.394	62.48	-11.52	50.96	74.00	-23.04	peak
2	1489.394	58.00	-11.52	46.48	54.00	-7.52	AVG

Model Number: ST-840U
Test mode: AV

Horizontal

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	46.5439	57.63	-19.79	37.84	40.00	-2.16	QP
2	57.0646	56.83	-20.99	35.84	40.00	-4.16	QP
3	185.1626	61.20	-21.37	39.83	43.50	-3.67	QP

Vertical

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	57.0645	57.64	-20.99	36.65	40.00	-3.35	QP
2	70.7047	57.28	-21.39	35.89	40.00	-4.11	QP
3	125.8058	63.91	-22.83	41.08	43.50	-2.42	QP

Above 1G

Horizontal

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1195.369	47.95	4.44	52.39	74.00	-21.61	peak
2	1195.369	41.90	4.44	46.34	54.00	-7.66	AVG

Vertical

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1195.369	47.13	4.44	51.57	74.00	-22.43	peak
2	1195.369	41.67	4.44	46.11	54.00	-7.89	AVG

Model Number: ST-840U
Test mode: HDMI

Horizontal

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	70.9535	59.30	-21.40	37.90	40.00	-2.10	QP
2	159.1982	63.60	-22.93	40.67	43.50	-2.83	QP
3	264.9708	62.04	-18.86	43.18	46.00	-2.82	QP

Vertical

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	45.8943	57.10	-19.62	37.48	40.00	-2.52	QP
2	125.3646	62.67	-22.81	39.86	43.50	-3.64	QP
3	159.7586	63.97	-22.87	41.10	43.50	-2.40	QP

Above 1G

Horizontal

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1110.210	57.54	-4.45	53.09	74.00	-20.91	peak
2	1110.210	52.40	-4.45	47.95	54.00	-6.05	AVG

Vertical

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1110.210	57.37	-4.45	52.92	74.00	-21.08	peak
2	1110.210	51.40	-4.45	46.95	54.00	-7.05	AVG

Model Number: ST-840U
Test mode: VGA

Horizontal

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	71.4539	58.61	-21.43	37.18	40.00	-2.82	QP
2	182.5785	61.24	-21.61	39.63	43.50	-3.87	QP
3	708.6941	52.02	-9.60	42.42	46.00	-3.58	QP

Vertical

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	70.9535	58.03	-21.40	36.63	40.00	-3.37	QP
2	126.2486	62.35	-22.86	39.49	43.50	-4.01	QP
3	184.5132	62.78	-21.42	41.36	43.50	-2.14	QP

Above 1G

Horizontal

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1110.210	48.28	3.90	52.18	74.00	-21.82	peak
2	1110.210	43.67	3.90	47.57	54.00	-6.43	AVG

Vertical

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1110.210	47.67	3.90	51.57	74.00	-22.43	peak
2	1110.210	44.56	3.90	48.46	54.00	-5.54	AVG

Model Number: ST-840U
Test mode: WAN IN

Horizontal

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	47.0371	55.79	-19.92	35.87	40.00	-4.13	QP
2	70.7047	58.46	-21.39	37.07	40.00	-2.93	QP
3	118.6814	63.94	-22.48	41.46	43.50	-2.04	QP

Vertical

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	30.5317	52.14	-16.88	35.26	40.00	-4.74	QP
2	70.9536	58.67	-21.40	37.27	40.00	-2.73	QP
3	128.4861	63.22	-22.95	40.27	43.50	-3.23	QP

Above 1G

Horizontal

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1489.394	55.02	-3.24	51.78	74.00	-22.22	peak
2	1489.394	50.10	-3.24	46.86	54.00	-7.14	AVG

Vertical

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1489.394	55.44	-3.24	52.20	74.00	-21.80	peak
2	1489.394	50.10	-3.24	46.86	54.00	-7.14	AVG

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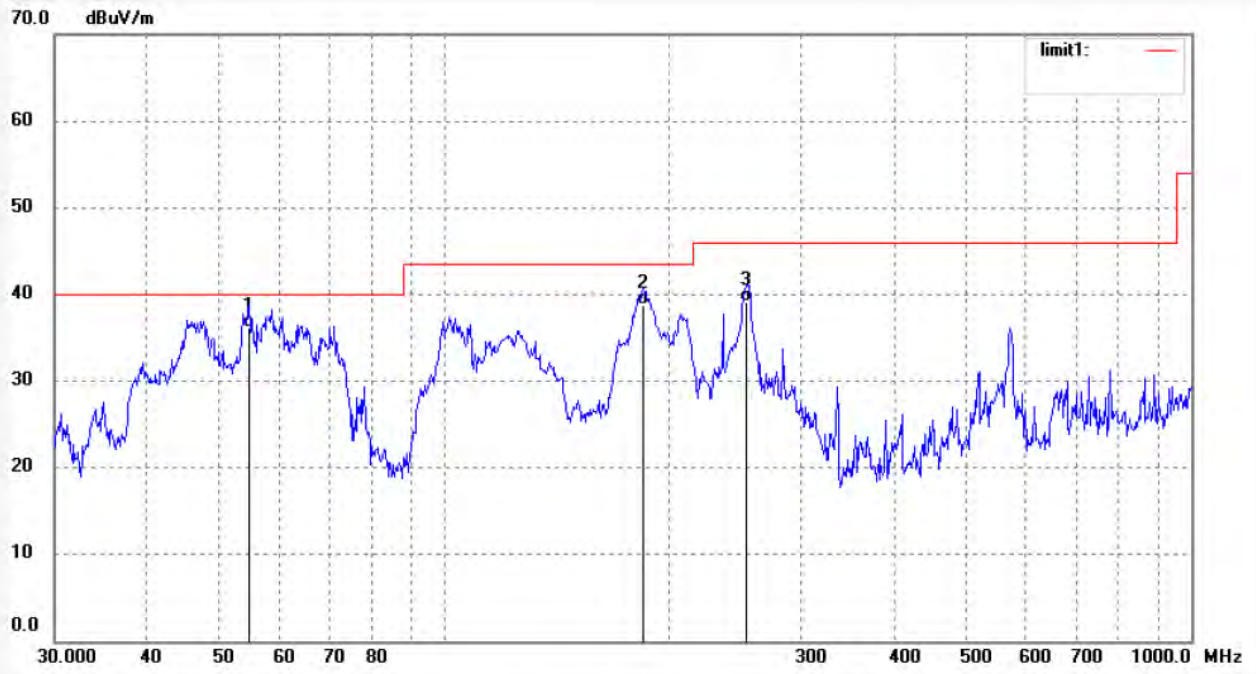
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #802
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: USB Playing
Model: ST-840
Manufacturer: Recordex

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 9/40/19
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	54.7086	57.10	-20.90	36.20	40.00	-3.80	QP			
2	184.5132	60.23	-21.42	38.81	43.50	-4.69	QP			
3	254.0312	58.69	-19.51	39.18	46.00	-6.82	QP			

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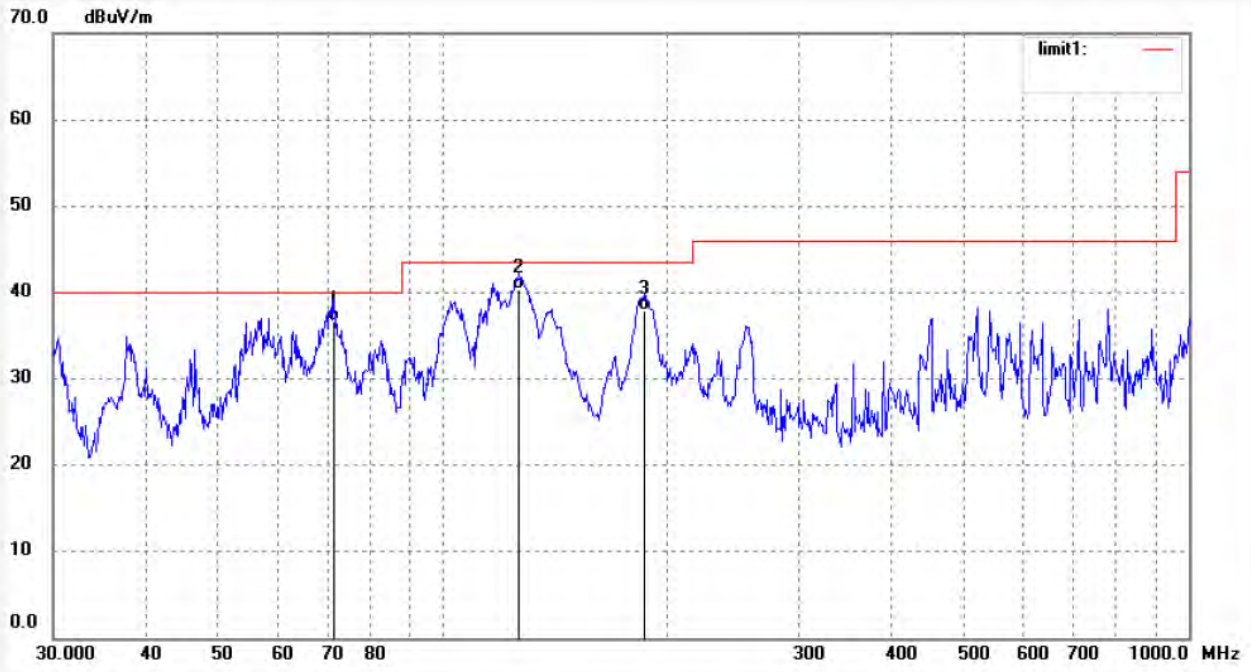
Job No.: STAR2015 #803
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: USB Playing
Model: ST-840
Manufacturer: Recordex

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 9/45/18
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	71.4539	58.10	-21.43	36.67	40.00	-3.33	QP			
2	126.2486	63.27	-22.86	40.41	43.50	-3.09	QP			
3	185.8143	59.22	-21.32	37.90	43.50	-5.60	QP			

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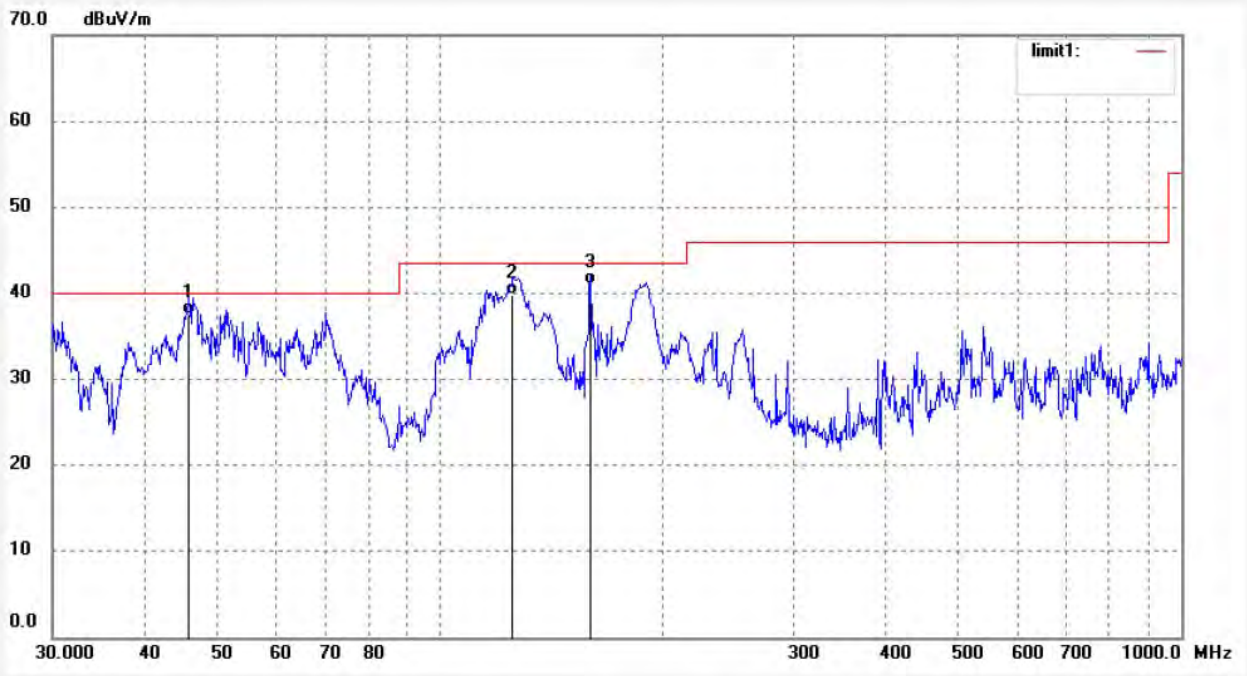
Job No.: STAR2015 #804
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: HDMI
Model: ST-840
Manufacturer: Recordex

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 9/53/05
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	45.8943	57.10	-19.62	37.48	40.00	-2.52	QP			
2	125.3646	62.67	-22.81	39.86	43.50	-3.64	QP			
3	159.7586	63.97	-22.87	41.10	43.50	-2.40	QP			

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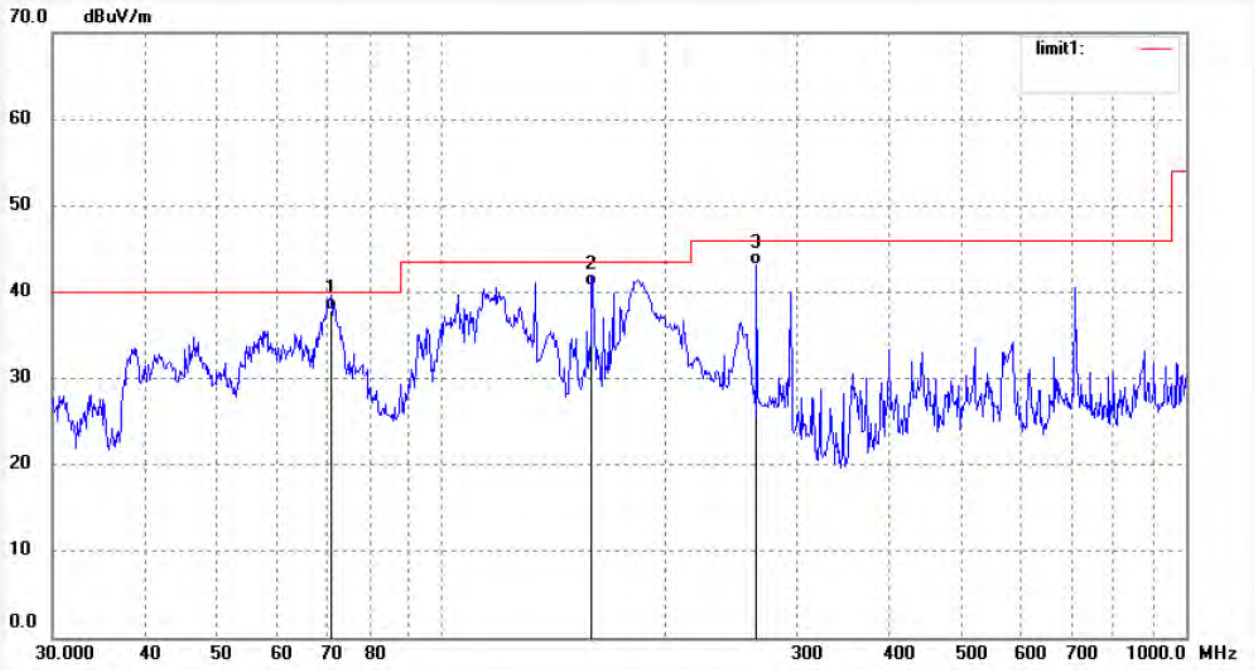
Job No.: STAR2015 #805
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: HDMI
Model: ST-840
Manufacturer: Recordex

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 9/54/05
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	70.9535	59.30	-21.40	37.90	40.00	-2.10	QP			
2	159.1982	63.60	-22.93	40.67	43.50	-2.83	QP			
3	264.9708	62.04	-18.86	43.18	46.00	-2.82	QP			

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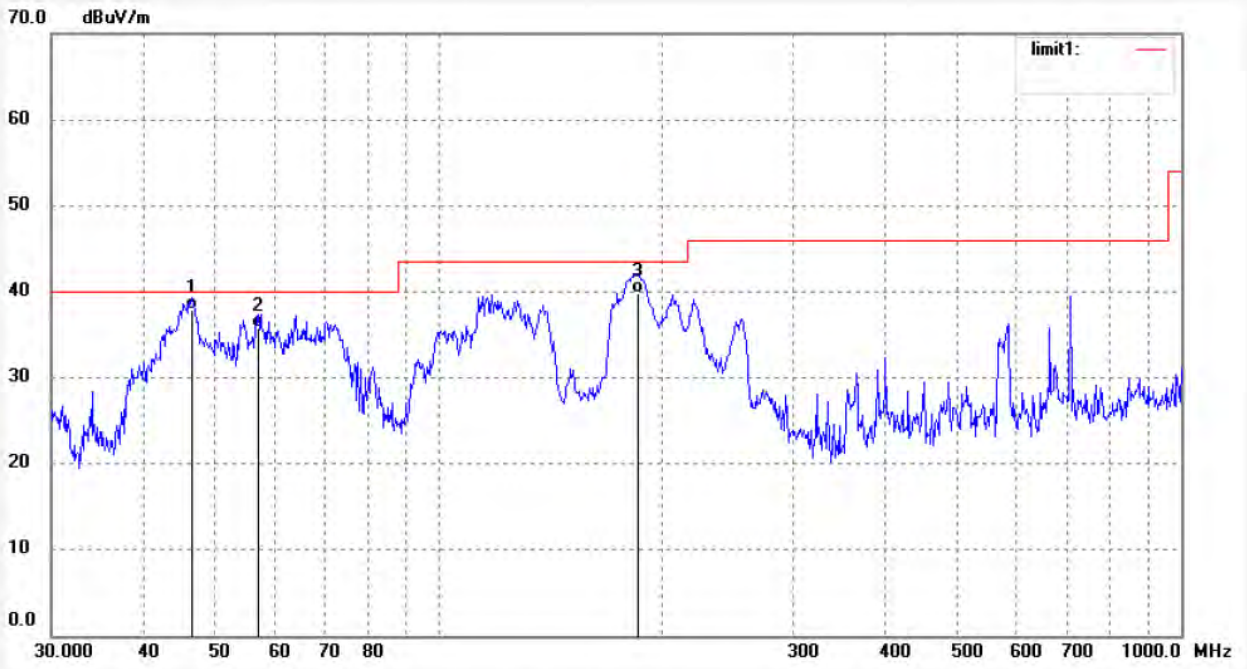
Job No.: STAR2015 #806
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: AV
Model: ST-840
Manufacturer: Recordex

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 9/57/32
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	46.5439	57.63	-19.79	37.84	40.00	-2.16	QP			
2	57.0646	56.83	-20.99	35.84	40.00	-4.16	QP			
3	185.1626	61.20	-21.37	39.83	43.50	-3.67	QP			

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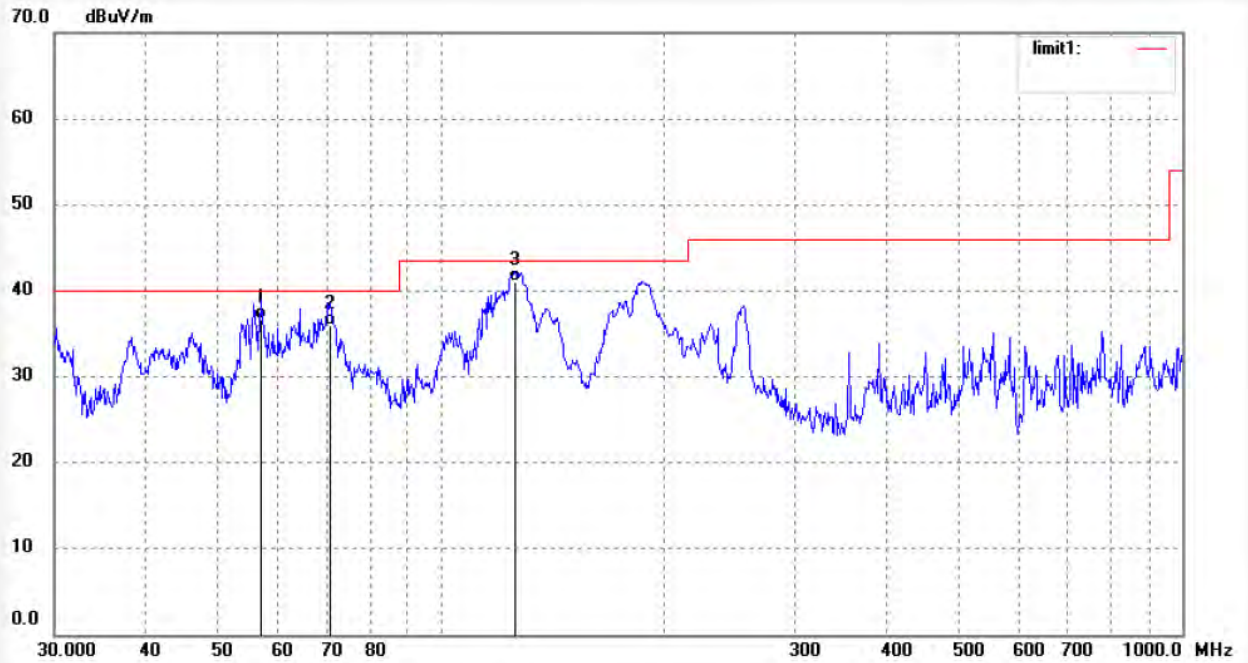
Job No.: STAR2015 #807
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: AV
Model: ST-840
Manufacturer: Recordex

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 10/01/27
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	57.0645	57.64	-20.99	36.65	40.00	-3.35	QP			
2	70.7047	57.28	-21.39	35.89	40.00	-4.11	QP			
3	125.8058	63.91	-22.83	41.08	43.50	-2.42	QP			

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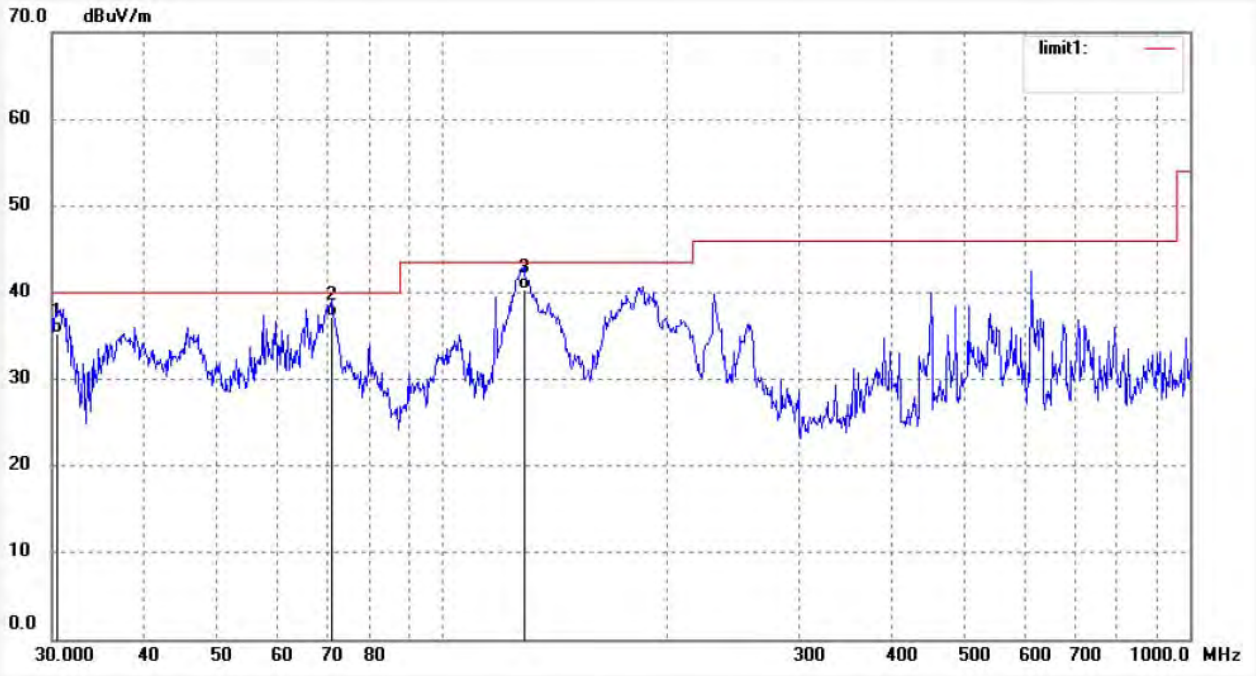
Job No.: STAR2015 #808
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: WAN IN
Model: ST-840
Manufacturer: Recordex

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 10/05/45
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	30.5317	52.14	-16.88	35.26	40.00	-4.74	QP			
2	70.9536	58.67	-21.40	37.27	40.00	-2.73	QP			
3	128.4861	63.22	-22.95	40.27	43.50	-3.23	QP			

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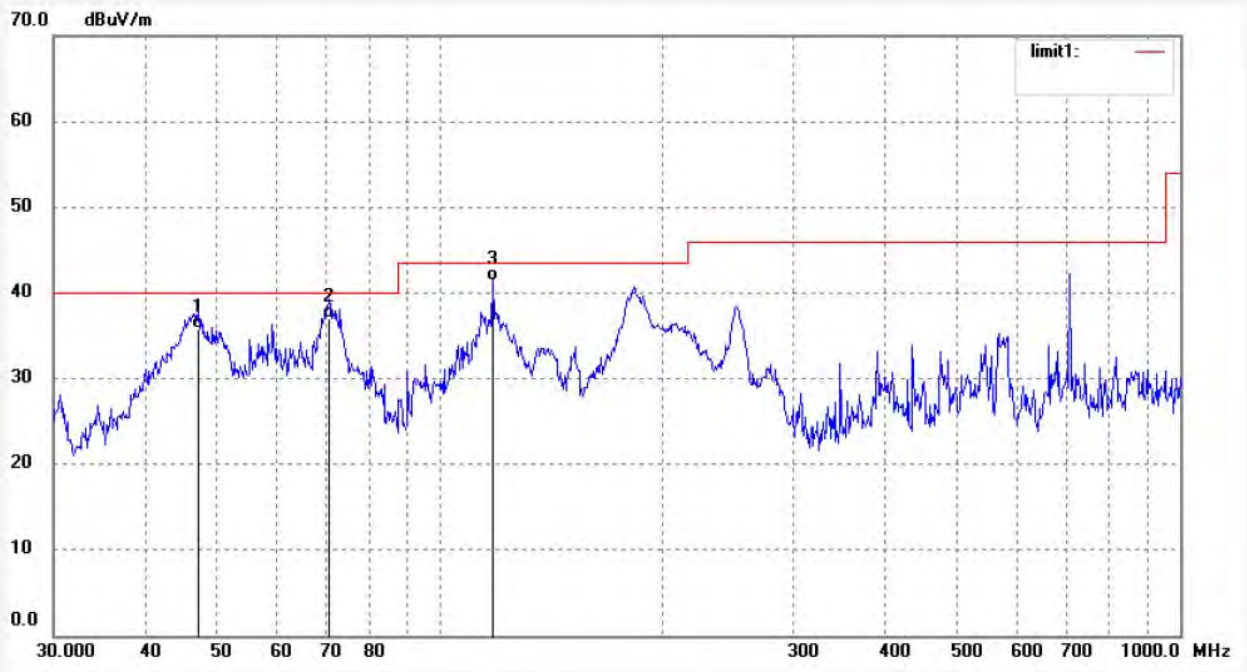
Job No.: STAR2015 #809
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: WAN IN
Model: ST-840
Manufacturer: Recordex

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 10/10/45
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	47.0371	55.79	-19.92	35.87	40.00	-4.13	QP			
2	70.7047	58.46	-21.39	37.07	40.00	-2.93	QP			
3	118.6814	63.94	-22.48	41.46	43.50	-2.04	QP			

ACCURATE TECHNOLOGY CO., LTD.
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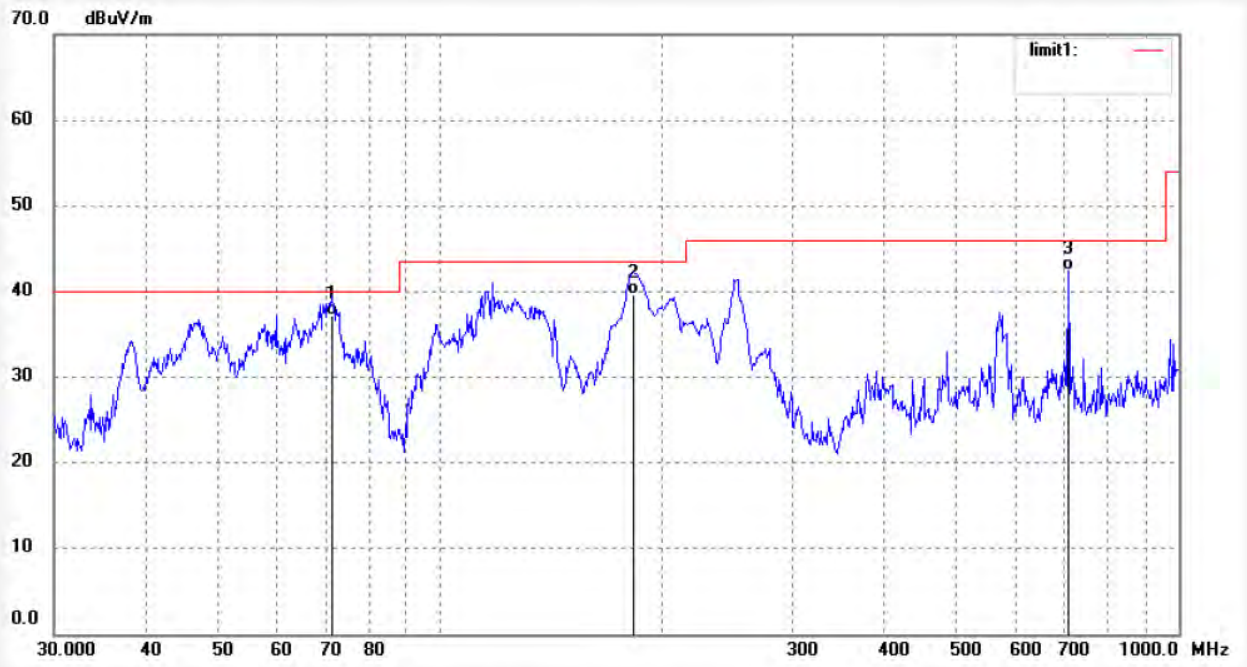
Job No.: STAR2015 #810
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: VGA
Model: ST-840
Manufacturer: Recordex

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 10/14/06
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	71.4539	58.61	-21.43	37.18	40.00	-2.82	QP			
2	182.5785	61.24	-21.61	39.63	43.50	-3.87	QP			
3	708.6941	52.02	-9.60	42.42	46.00	-3.58	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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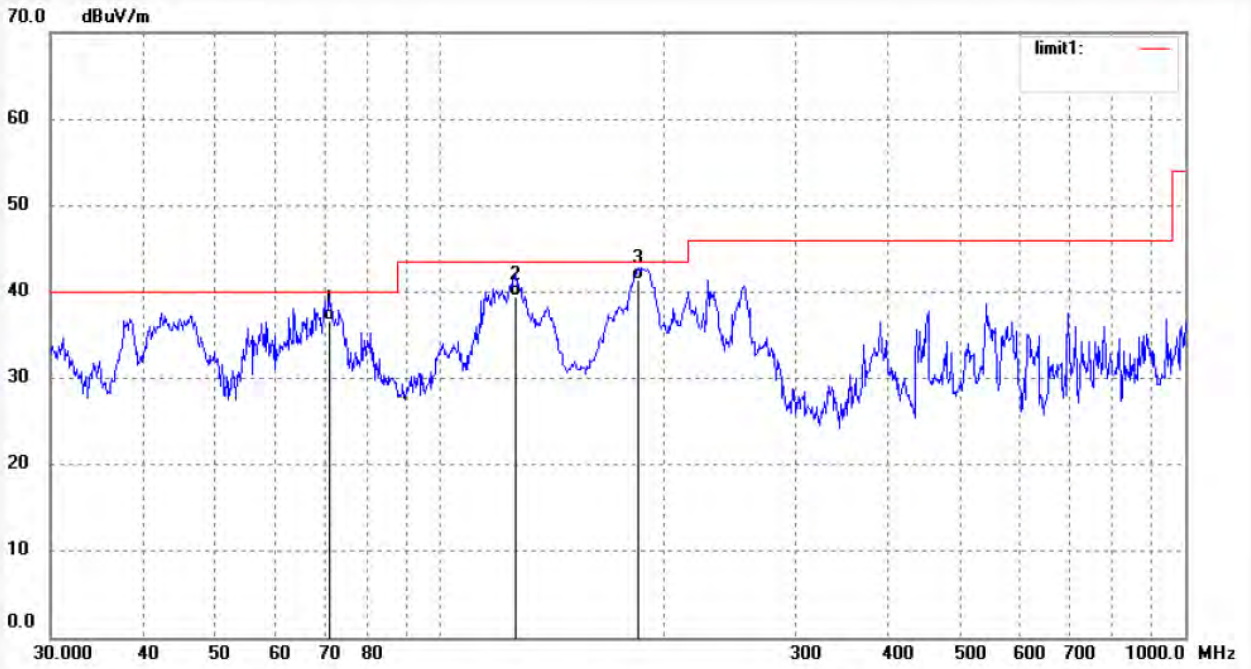
Fax:+86-0755-26503396

Job No.: STAR2015 #811
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: VGA
Model: ST-840
Manufacturer: Recordex

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 10/19/53
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	70.9535	58.03	-21.40	36.63	40.00	-3.37	QP			
2	126.2486	62.35	-22.86	39.49	43.50	-4.01	QP			
3	184.5132	62.78	-21.42	41.36	43.50	-2.14	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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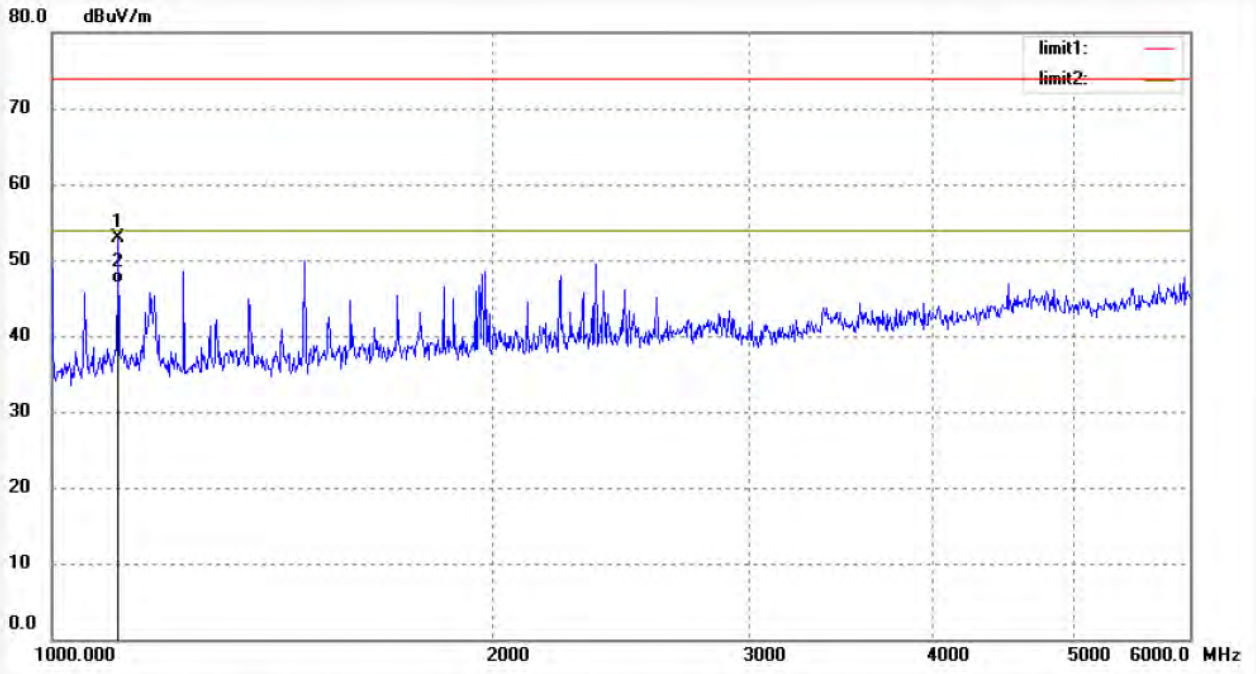
Job No.: STAR20156 #851
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: HDMI
Model: ST-840
Manufacturer: Recordex

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 11/10/22
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1110.210	57.37	-4.45	52.92	74.00	-21.08	peak			
2	1110.210	51.40	-4.45	46.95	54.00	-7.05	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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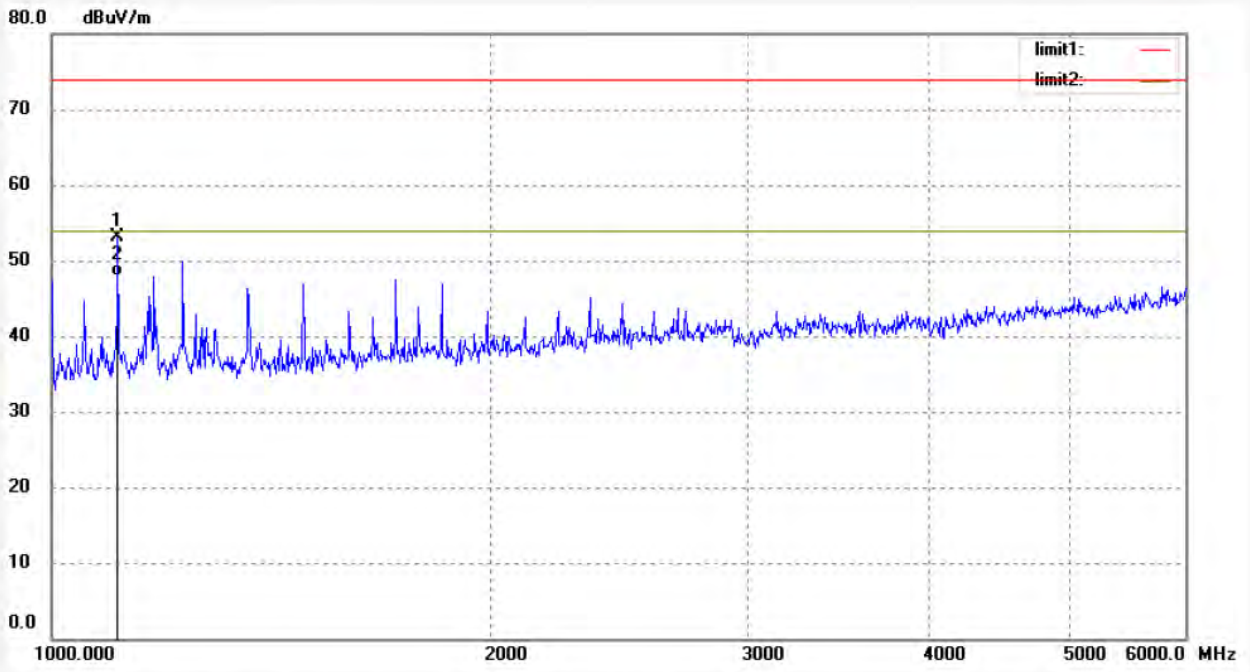
Job No.: STAR20156 #852
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: HDMI
Model: ST-840
Manufacturer: Recordex

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 11/14/20
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1110.210	57.54	-4.45	53.09	74.00	-20.91	peak			
2	1110.210	52.40	-4.45	47.95	54.00	-6.05	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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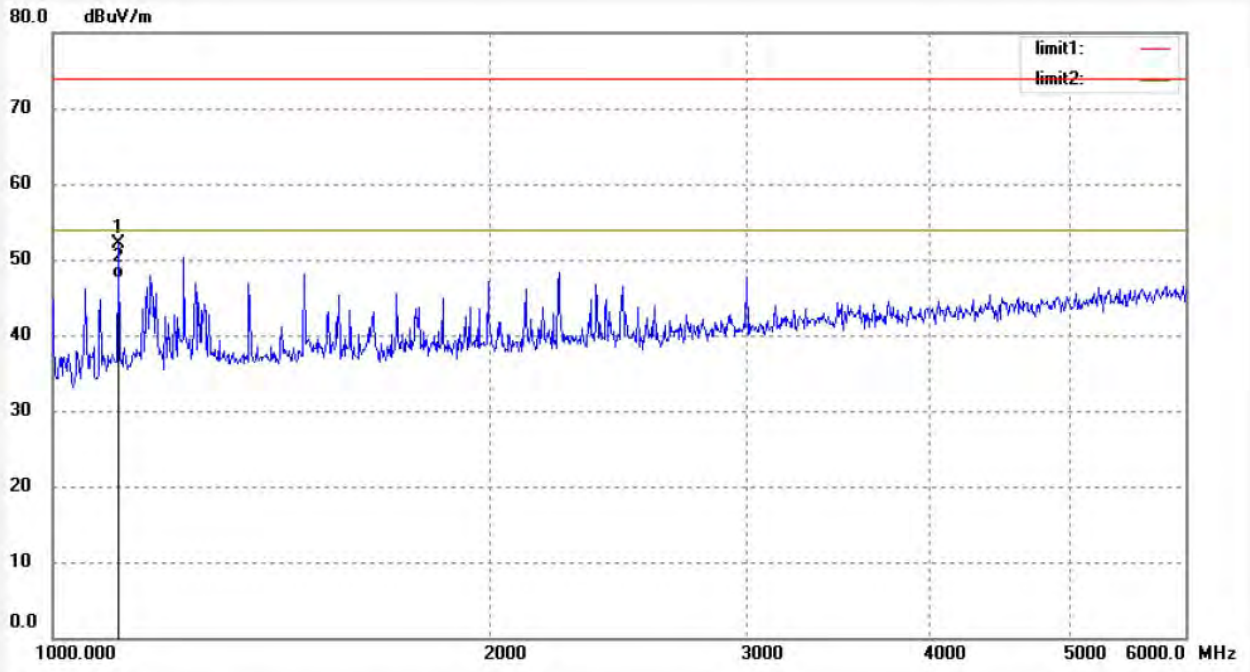
Job No.: STAR20156 #853
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: VGA
Model: ST-840
Manufacturer: Recordex

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 11/18/37
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1110.210	48.28	3.90	52.18	74.00	-21.82	peak			
2	1110.210	43.67	3.90	47.57	54.00	-6.43	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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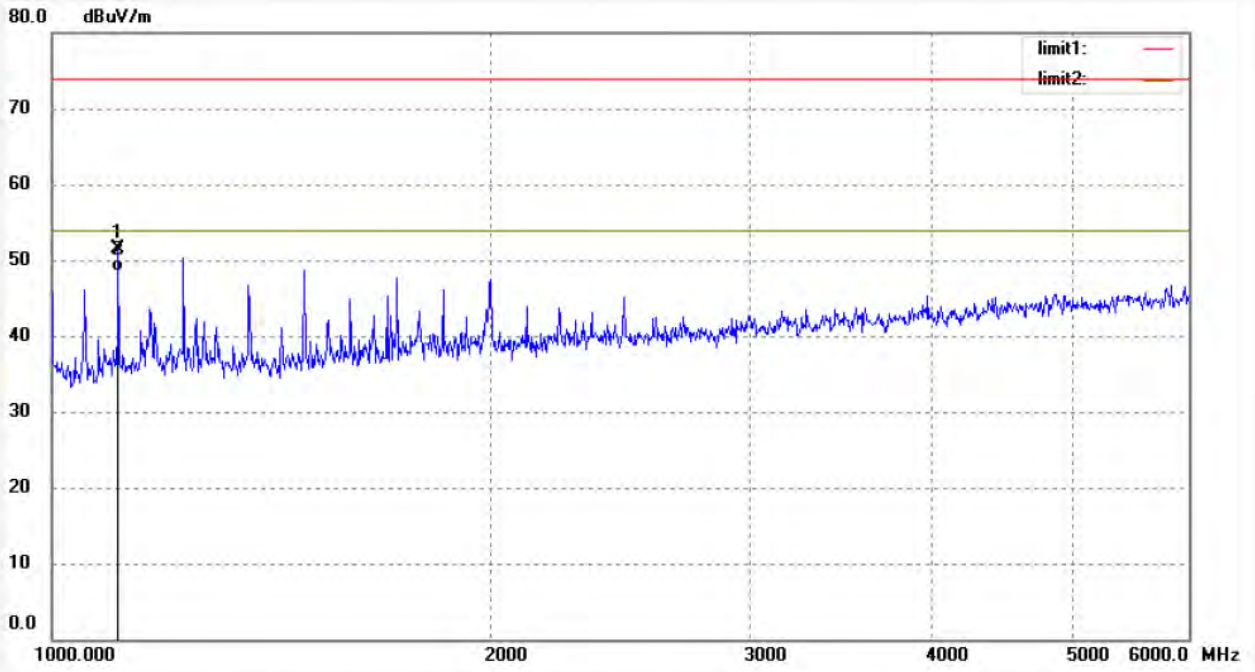
Job No.: STAR20156 #854
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: VGA
Model: ST-840
Manufacturer: Recordex

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 11/23/18
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



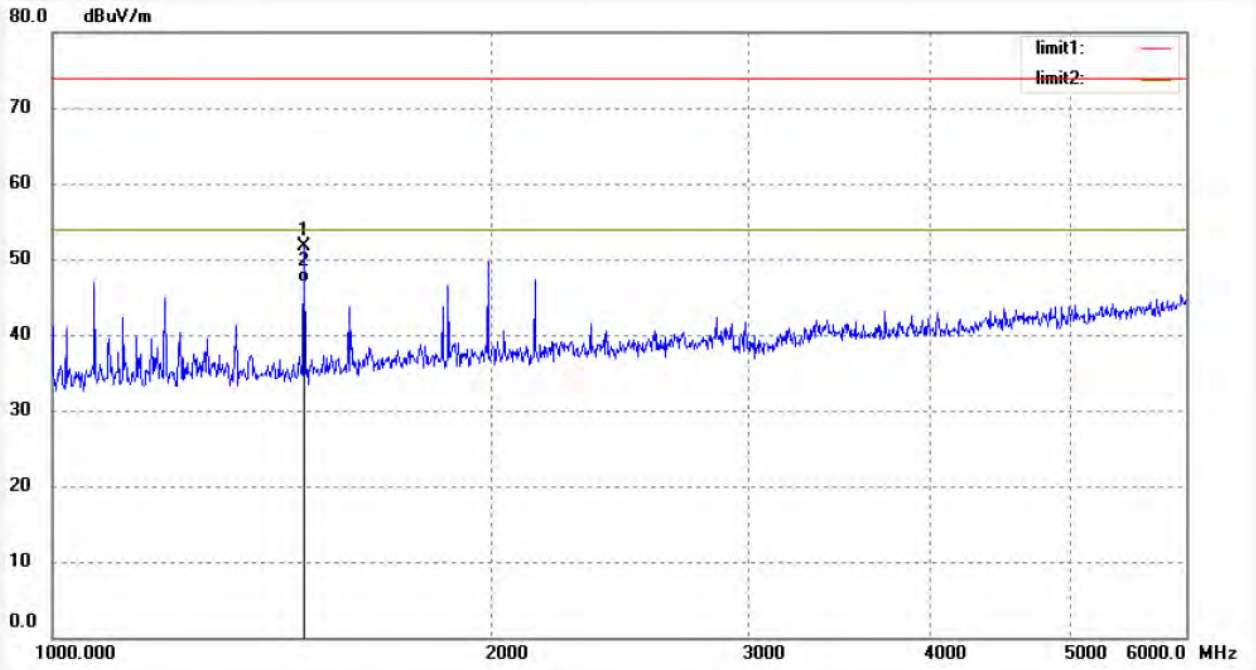
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1110.210	47.67	3.90	51.57	74.00	-22.43	peak			
2	1110.210	44.56	3.90	48.46	54.00	-5.54	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR20156 #855
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: WAN IN
Model: ST-840
Manufacturer: Recordex

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 11/27/18
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



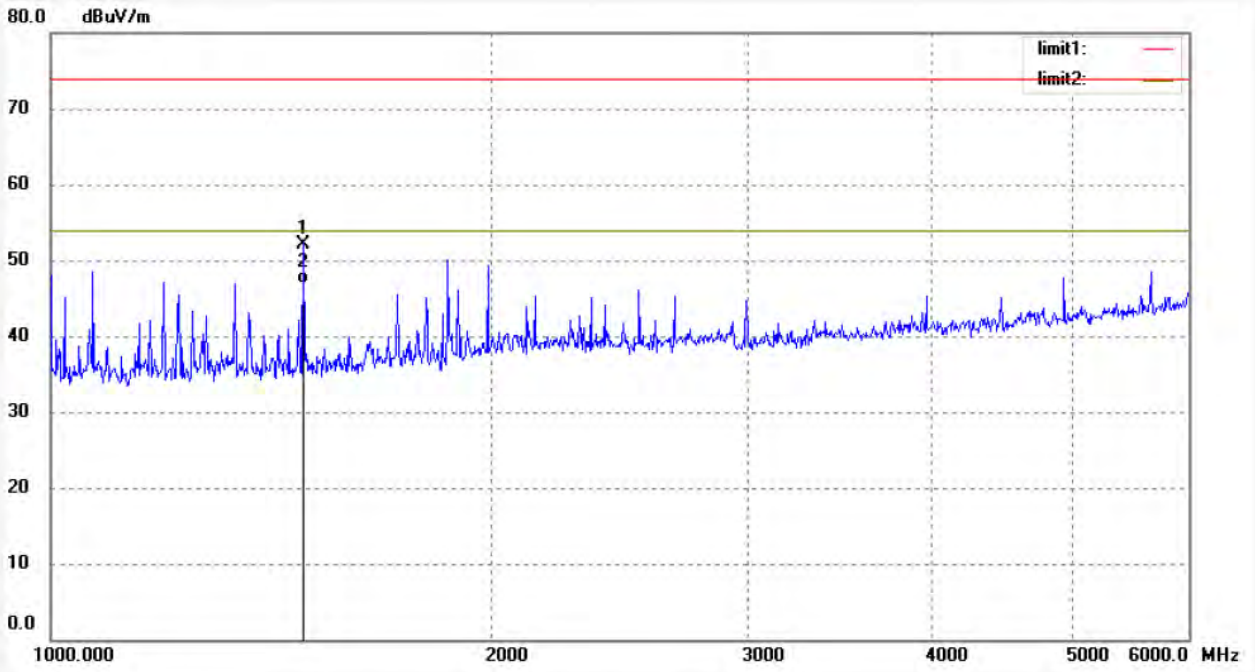
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1489.394	55.02	-3.24	51.78	74.00	-22.22	peak			
2	1489.394	50.10	-3.24	46.86	54.00	-7.14	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR20156 #856
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel
Mode: WAN IN
Model: ST-840
Manufacturer: Recordex

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 11/31/18
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1489.394	55.44	-3.24	52.20	74.00	-21.80	peak			
2	1489.394	50.10	-3.24	46.86	54.00	-7.14	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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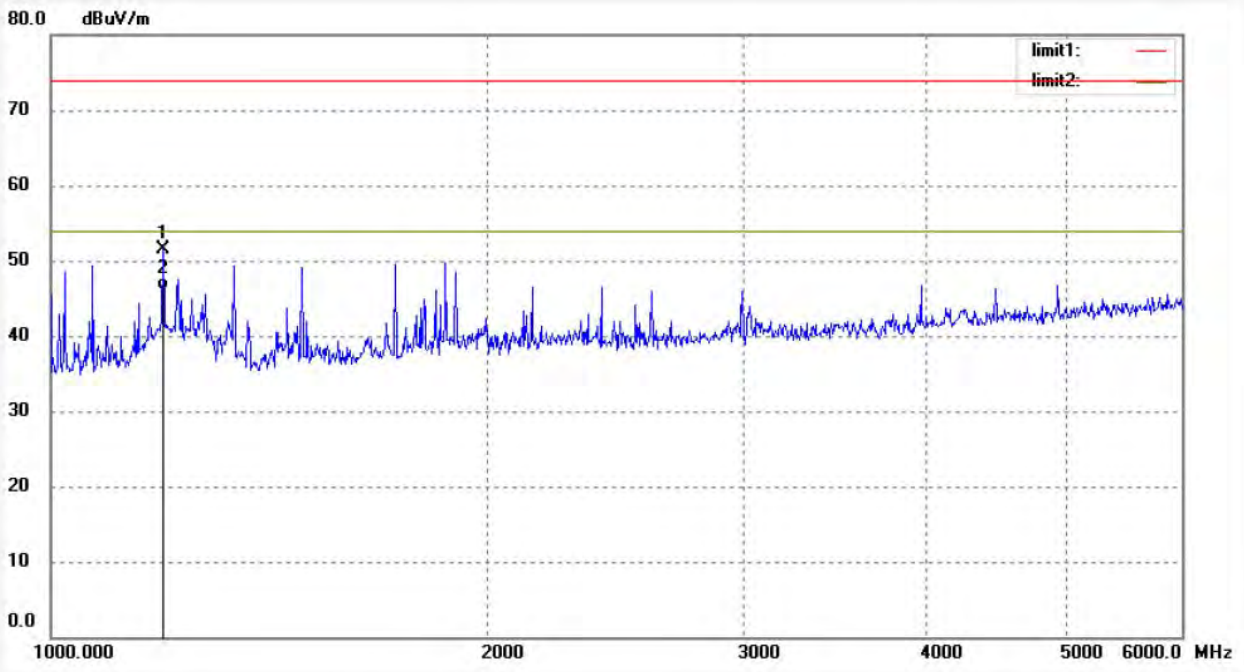
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR20156 #859
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: AV
Model: ST-840
Manufacturer: Recordex

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 11/35/18
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1195.369	47.13	4.44	51.57	74.00	-22.43	peak			
2	1195.369	41.67	4.44	46.11	54.00	-7.89	AVG			

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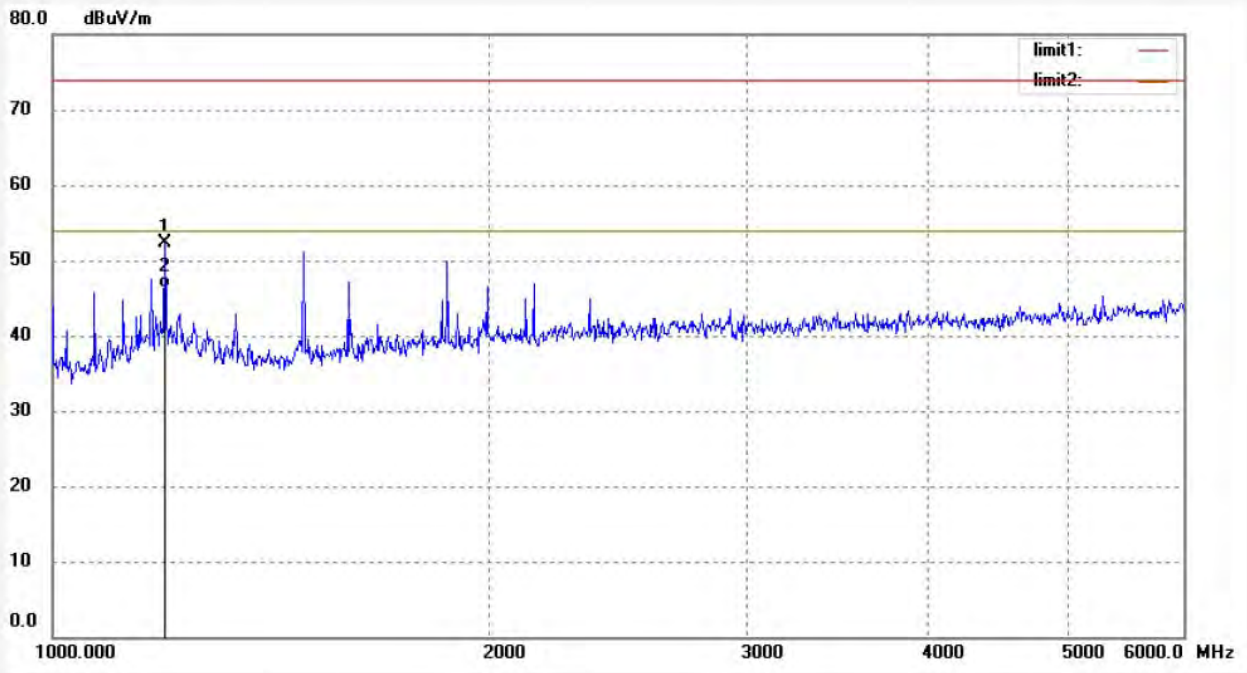
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR20156 #860
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: AV
Model: ST-840
Manufacturer: Recordex

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 11/40/18
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



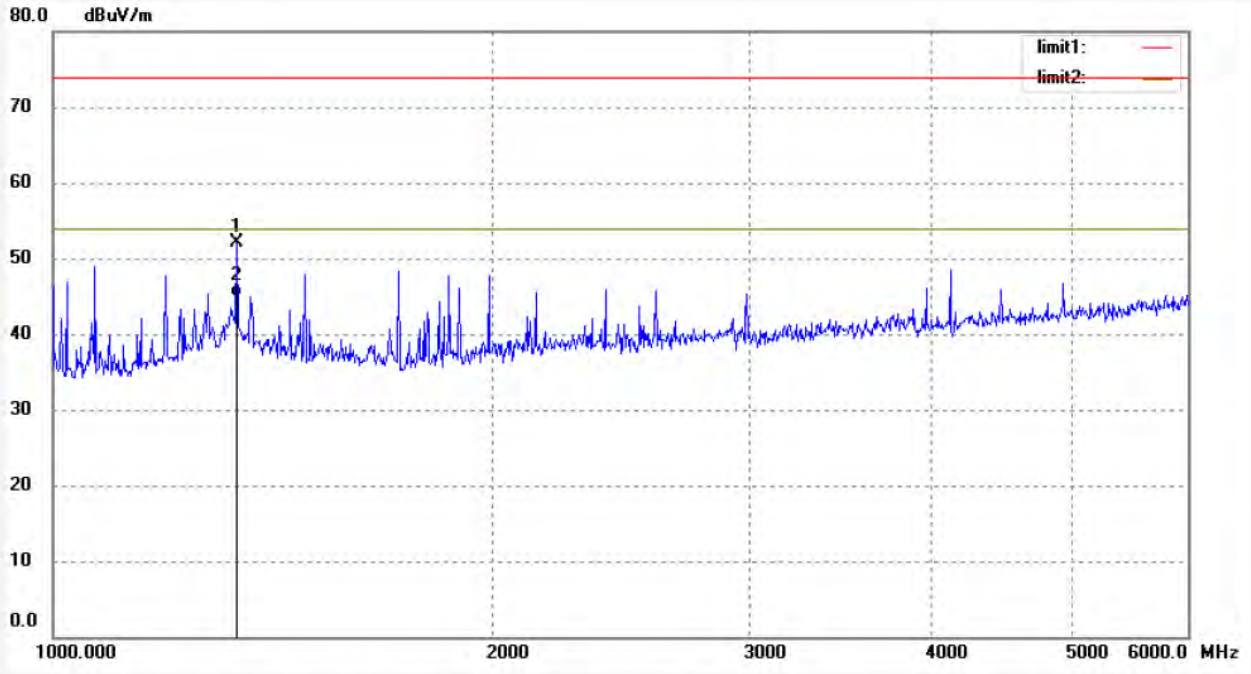
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1195.369	47.95	4.44	52.39	74.00	-21.61	peak			
2	1195.369	41.90	4.44	46.34	54.00	-7.66	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR20156 #861
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: USB
Model: ST-840
Manufacturer: Recordex

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 11/43/18
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179



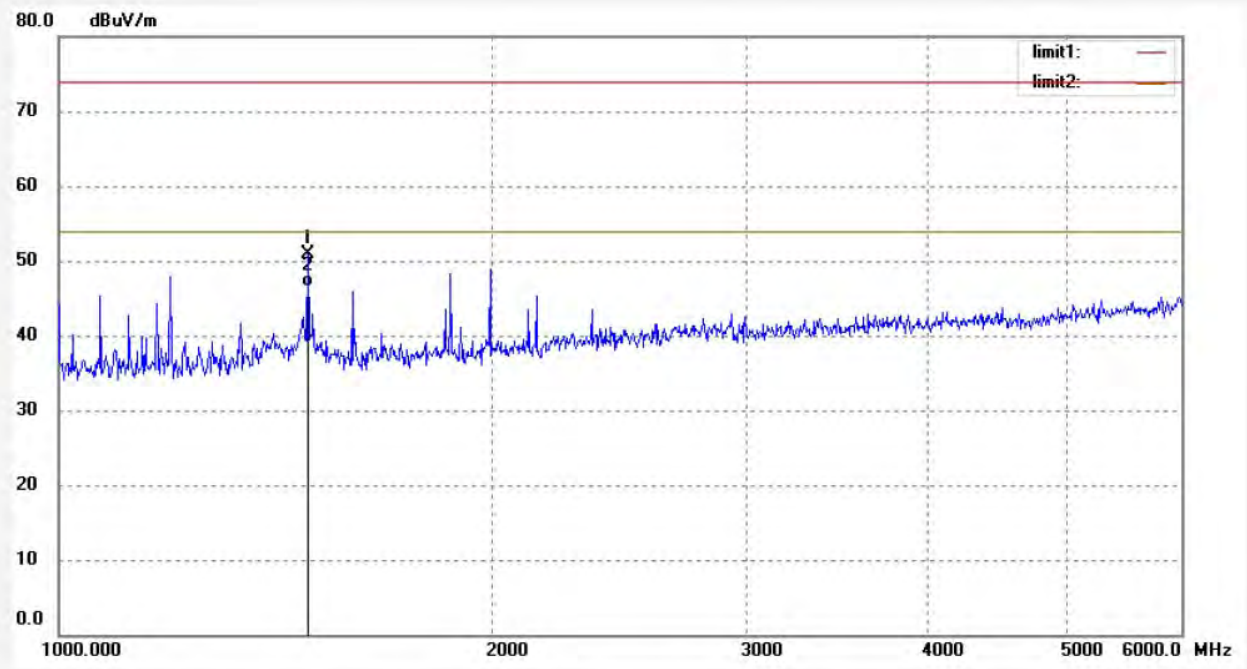
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1336.714	64.26	-12.13	52.13	74.00	-21.87	peak			
2	1336.714	57.00	-12.13	44.87	54.00	-9.13	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR20156 #862
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: USB
Model: ST-840
Manufacturer: Recordex

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/06/
Time: 11/47/18
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20151179

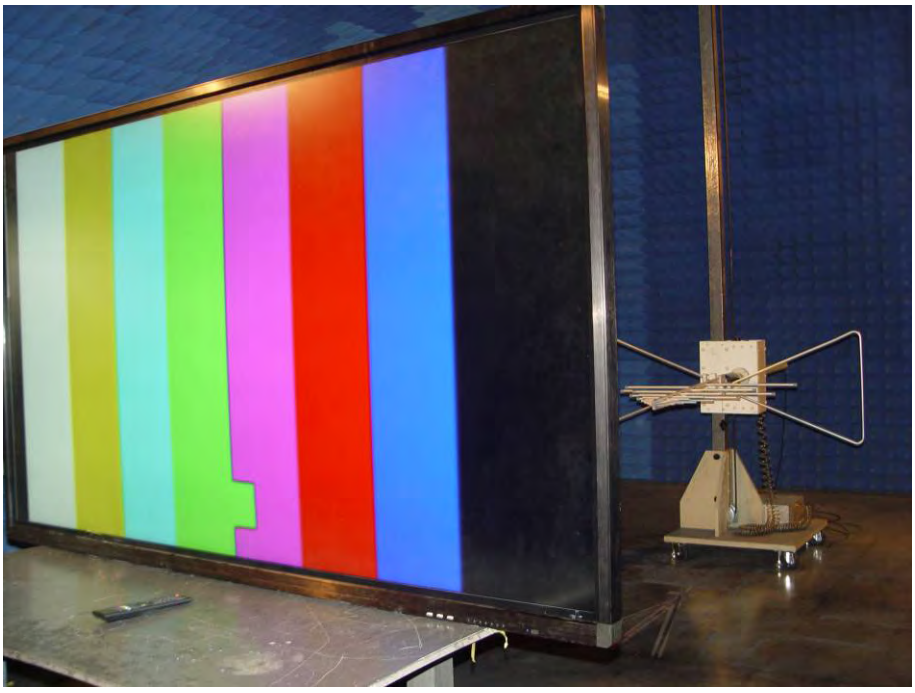


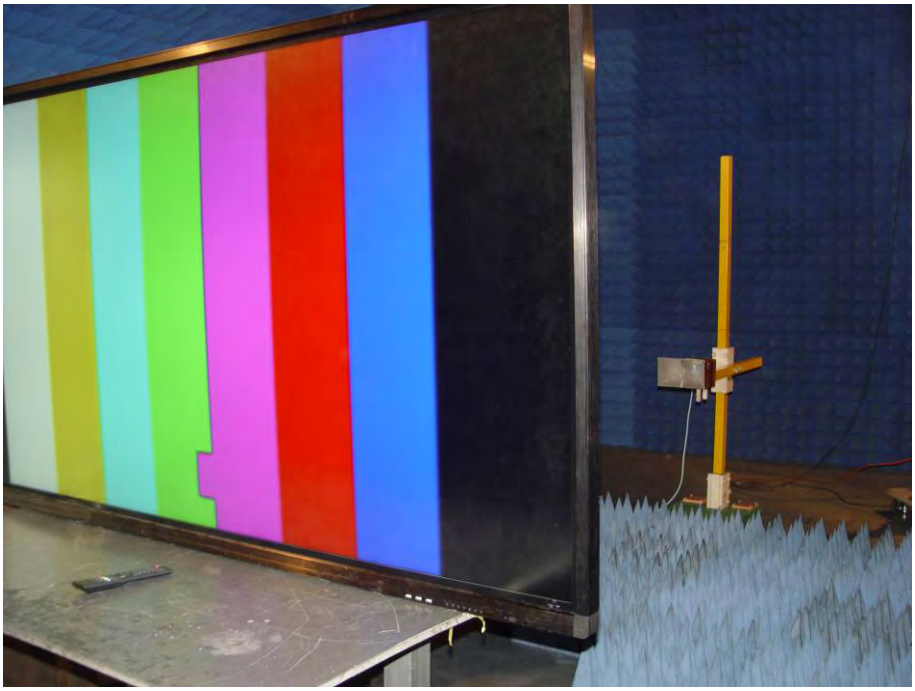
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1489.394	62.48	-11.52	50.96	74.00	-23.04	peak			
2	1489.394	58.00	-11.52	46.48	54.00	-7.52	AVG			

5. PHOTOGRAPHS

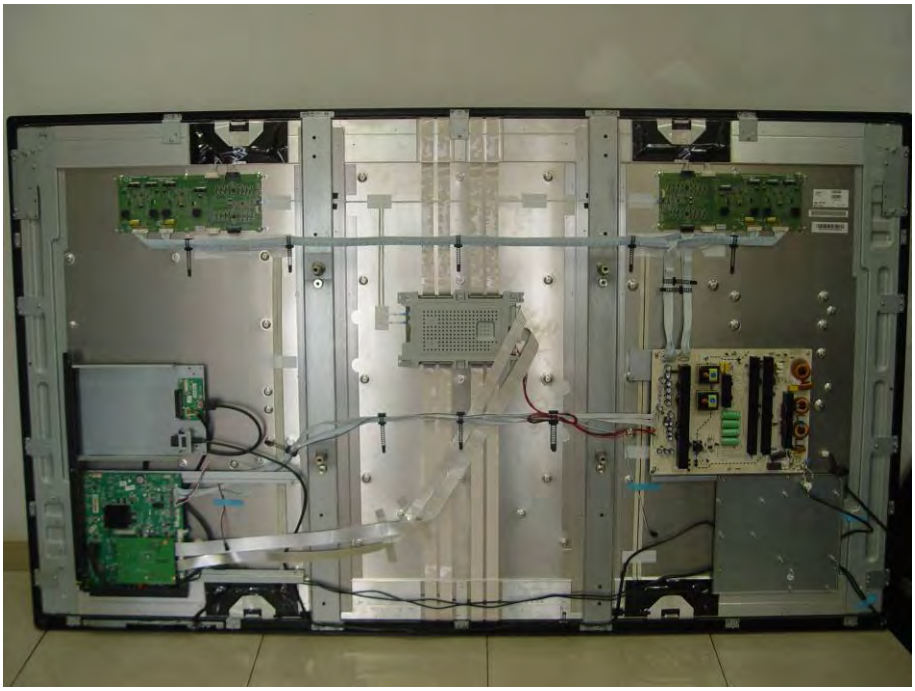
5.1.Photos of Power Line Conducted Measurement

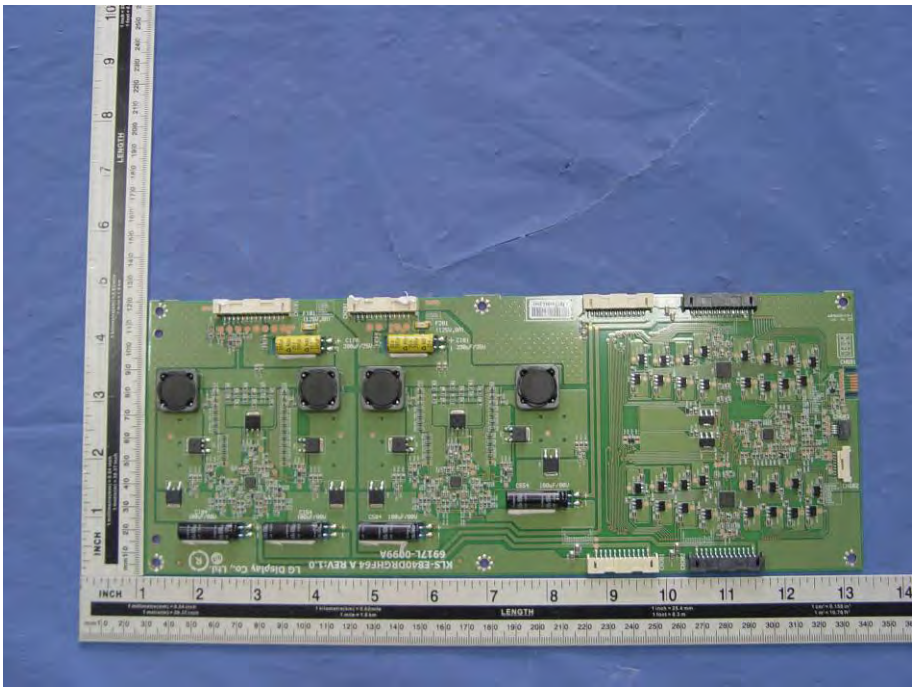
5.2.Photos of Radiated Measurement

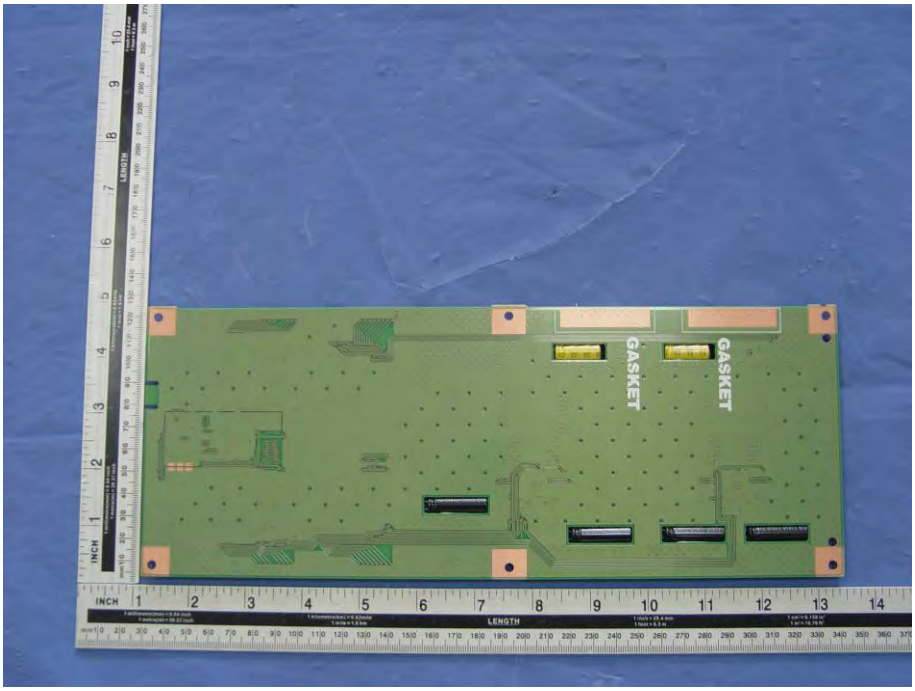




5.3.Photo of EUT



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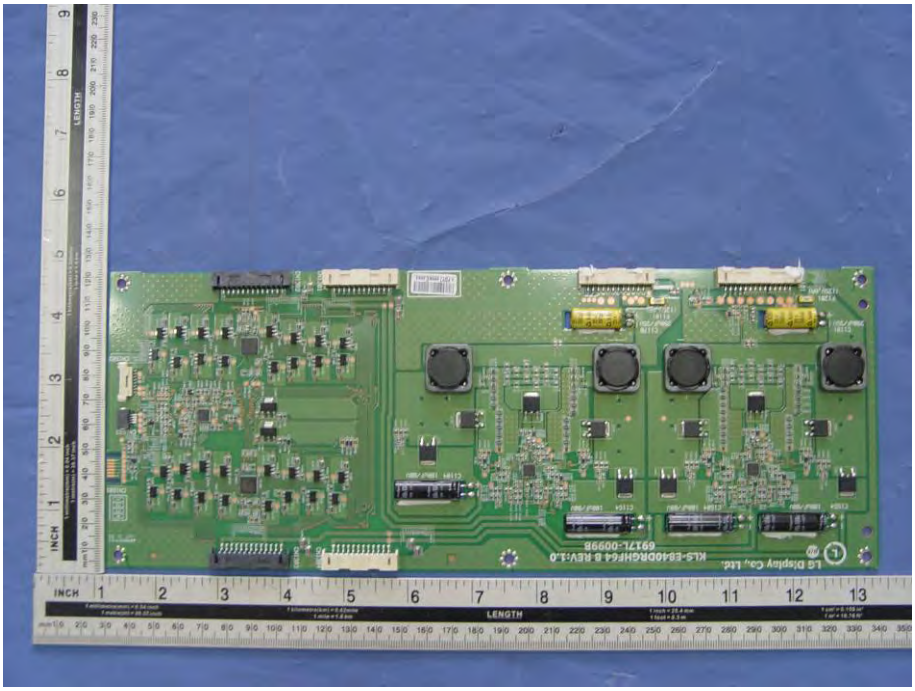
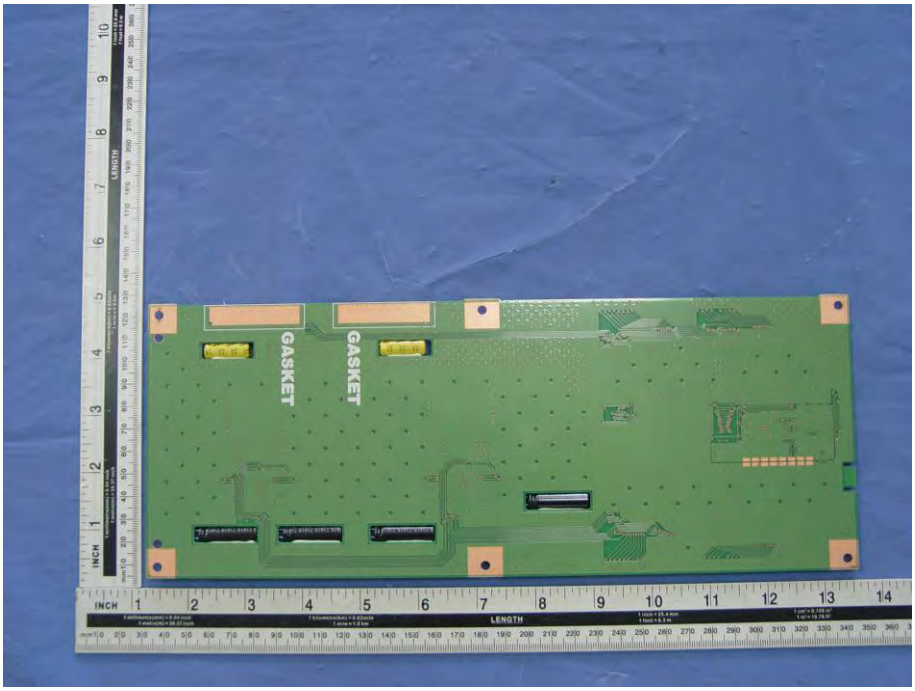
GASKET

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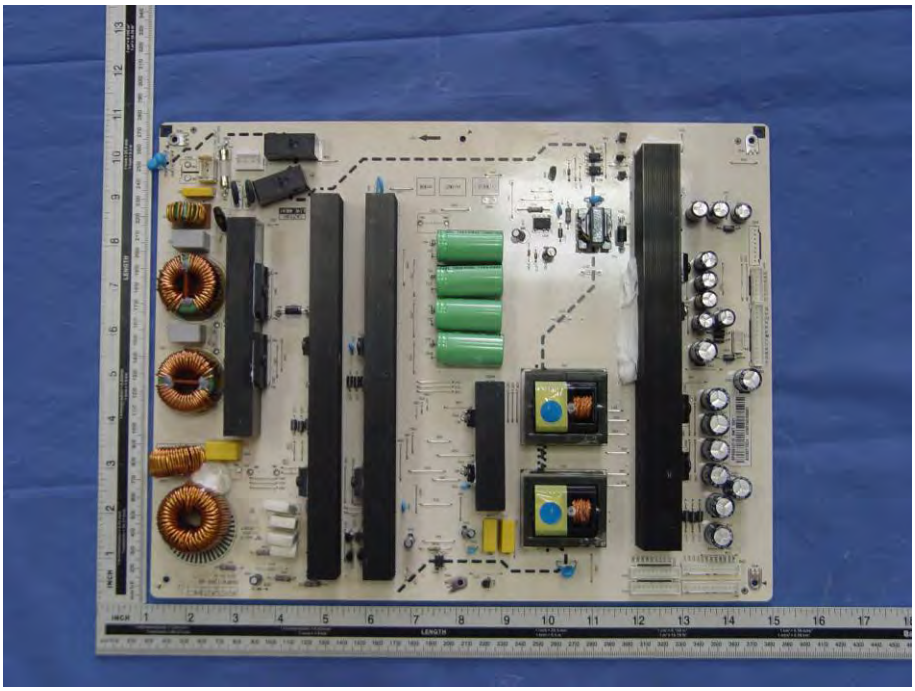
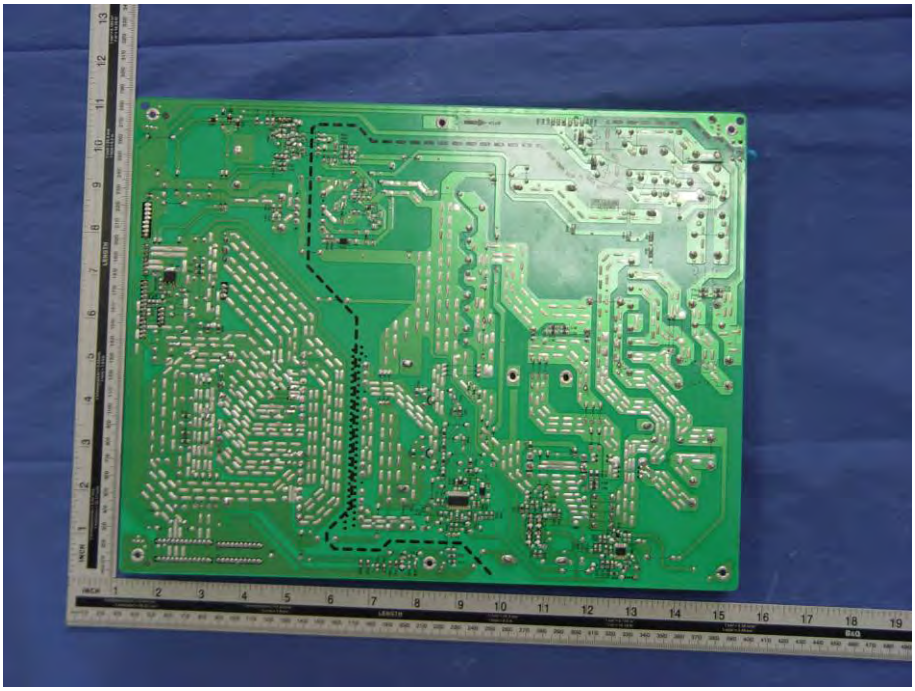
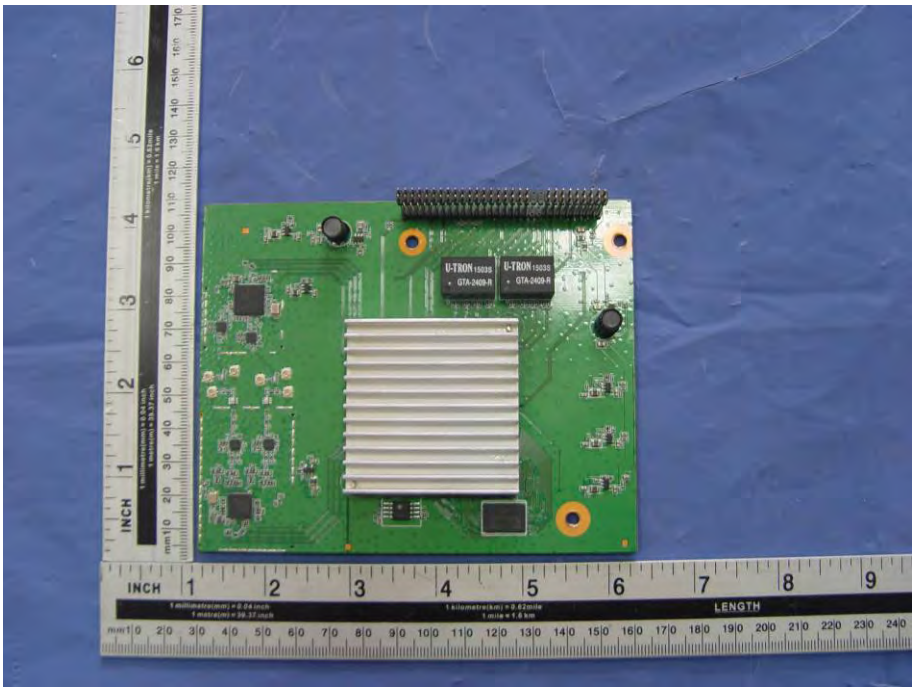
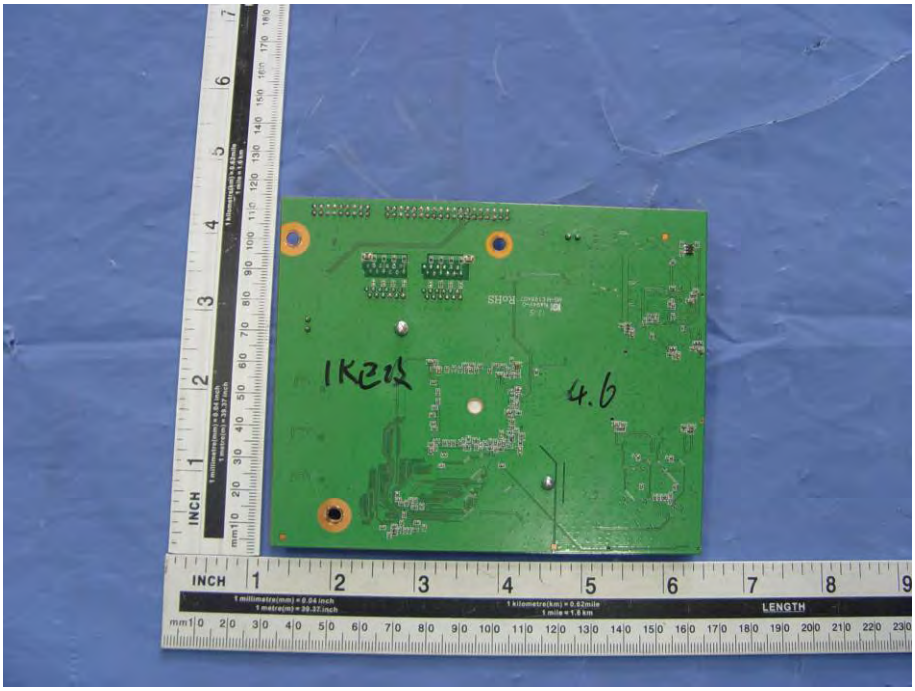
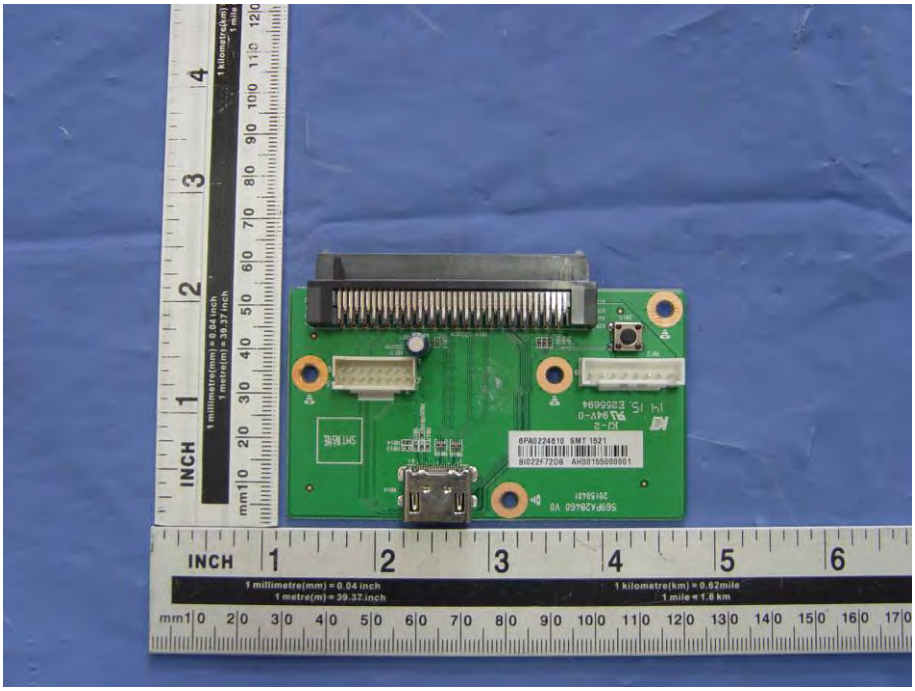
GASKET
INCH
LENGTH

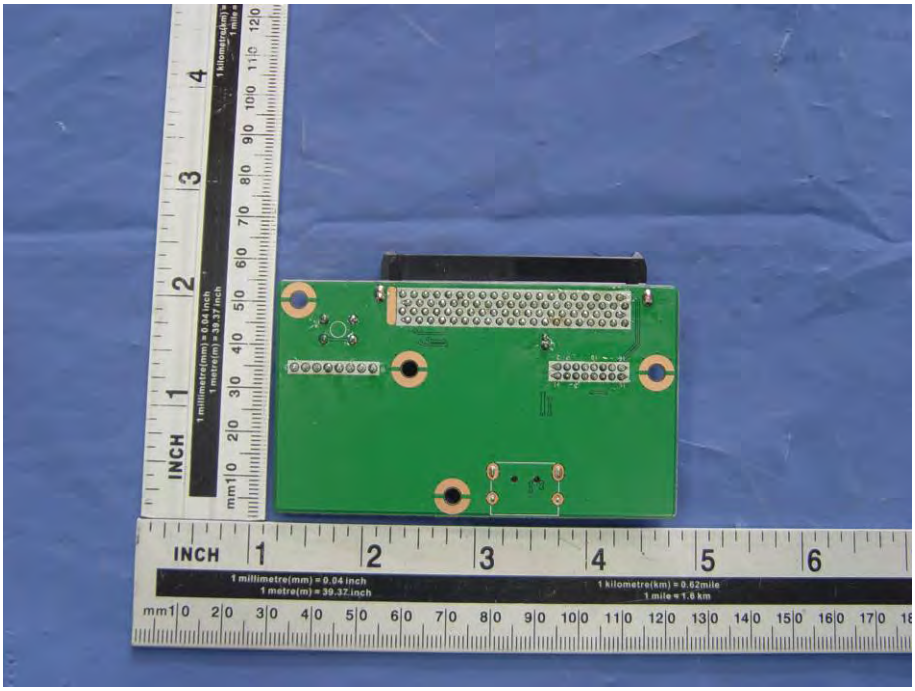





U-TRON 15035
GTA-2409-R
U-TRON 15035
GTA-2409-R
INCH
LENGTH


INCH
LENGTH
4.6


INCH


INCH
1 millimetre(mm) = 0.04 inch
1 metre(m) = 39.37 inch
1 kilometre(km) = 0.62mile
1 mile = 1.6 km
mm


INCH
LENGTH