

FCC TEST REPORT
For

Recordex USA, Inc.

Interactive Flat Panel

Model No.: ST-750U

FCC ID: 2ADKE-ST-750UA

Prepared for : Recordex USA, Inc.
Address : 10-50 46th Avenue, Long Island City, NY 11101

Prepared by : Accurate Technology Co., Ltd.
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Report No. : ATE20170892
Date of Test : June 7-9, 2017
Date of Report : June 13, 2017

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Test Report

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

EUT Description : Interactive Flat Panel
Model No. : ST-750U
Trade Name : RECORDEX

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B Class B:2016
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 : June 7-9, 2017
Date of Report : June 13, 2017

Prepared by : 
(Bob Wang, 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. Description of Device (EUT)

Product	:	Interactive Flat Panel
Model No.	:	ST-750U
Test Voltage	:	INPUT: AC 100-240V~50/60Hz 5.2A
Trade Name	:	RECORDEX
Remark(s)	:	The EUT highest operating frequency provided by Manufacturer is 1.2GHz and include 2.4GHz wifi, the radiated emission measurement shall be made up to 26.5 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 receiver	:	May 31, 2017
Date of Test	:	June 7-9, 2017

2.2. Accessory and Auxiliary Equipment

Notebook PC	:	Manufacturer: LENOVO M/N: 4290-RT8 S/N: R9-FW93G 11/08
media player	:	Manufacturer: TOSHIBA M/N: STOR.E TV+ S/N: 101200005
USB Memory Disk	:	Manufacturer: Smartocean M/N: 3611S/N: 101200005
LCD Monitor	:	Manufacturer: DELL M/N: 1704FPTt S/N: 434
Keyboard	:	Manufacturer: DELL M/N: SK-8110 S/N: LR86682
Mouse	:	Manufacturer: DELL M/N: M071KC S/N: 410042355
Earphone	:	Manufacturer: APPLE M/N: iPhone (Matching earphone) S/N: 7M6369W3VQ5
HDMI Line	:	HDMI line length of 1 meters, have shield and magnetic ring
VGA Line	:	VGA line length of 1 meters, have shield and magnetic ring
AV Line	:	AV line length of 0.8 meters, have shield and magnetic ring
DP Line	:	DP line length of 0.8 meters, have shield and magnetic ring
TOUCH Line	:	TOUCH line length of 1.2 meters, have shield and magnetic ring
Net port line	:	Net port length of 4 meters, have shield and magnetic ring

2.3. Description of Test Facility

EMC Lab	:	Listed by Federal Communications Commission (FCC) The Registration Number is 752051
		Listed by Innovation, Science and Economic Development Canada (ISED) The Registration Number is 5077A-2
		Accredited by China National Accreditation Service for Conformity Assessment (CNAS) The Registration Number is CNAS L3193
		Accredited by American Association for Laboratory Accreditation (A2LA) The Certificate Number is 4297.01
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	=	2.23dB, k=2
Radiated emission expanded uncertainty (9kHz-30MHz)	=	3.08dB, k=2
Radiated emission expanded uncertainty (30MHz-1000MHz)	=	4.42dB, k=2
Radiated emission expanded uncertainty (Above 1GHz)	=	4.06dB, k=2

3. MEASURING DEVICE AND TEST EQUIPMENT

3.1. For Radiated Emission Measurement

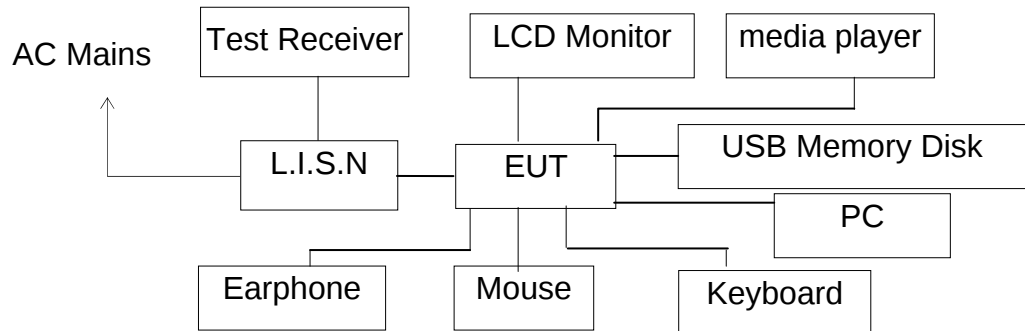
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan.07, 2017	1 Year
2.	Spectrum Analyzer	Rohde&Schwarz	FSV40	101495	Jan.07, 2017	1 Year
3.	Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan.07, 2017	1 Year
4.	Test Receiver	Rohde& Schwarz	ESPI	100396/003	Jan.07, 2017	1 Year
5.	Test Receiver	Rohde& Schwarz	ESPI	101526/003	Jan.07, 2017	1 Year
6.	Test Receiver	Rohde& Schwarz	ESR	101817	Jan.07, 2017	1 Year
7.	Bilog Antenna	Schwarzbeck	VULB9163	9163-194	Jan.13, 2017	1 Year
8.	Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan.13, 2017	1 Year
9.	Log.-Per.Antenna	Schwarzbeck	VUSLP 9111B	9111B-074	Jan.13, 2017	1 Year
10.	Biconical Broad Band Antenna	Schwarzbeck	VHBB 9124+BBA 9106	9124-617	Jan.13, 2017	1 Year
11.	Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan.13, 2017	1 Year
12.	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan.13, 2017	1 Year
13.	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1067	Jan.13, 2017	1 Year
14.	Vertical Active Monopole Antenna	Schwarzbeck	VAMP 9243	9243-370	Jan.13, 2017	1 Year
15.	RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	Jan.07, 2017	1 Year
16.	Pre-Amplifier	Agilent	8447D	294A10619	Jan.07, 2017	1 Year
17.	Pre-Amplifier	Rohde&Schwarz	CBLU11835 40-01	3791	Jan.07, 2017	1 Year
18.	50 Coaxial Switch	Anritsu Corp	MP59B	6200237248	Jan.07, 2017	1 Year
19.	50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	Jan.07, 2017	1 Year
20.	RF Coaxial Cable	Schwarzbeck	N-5m	No.1	Jan.07, 2017	1 Year
21.	RF Coaxial Cable	Schwarzbeck	N-1m	No.6	Jan.07, 2017	1 Year
22.	RF Coaxial Cable	Schwarzbeck	N-1m	No.7	Jan.07, 2017	1 Year
23.	RF Coaxial Cable	SUHNER	N-3m	No.8	Jan.07, 2017	1 Year
24.	RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	Jan.07, 2017	1 Year
25.	RF Coaxial Cable	SUHNER	N-6m	No.10	Jan.07, 2017	1 Year
26.	RF Coaxial Cable	RESENBERGER	N-12m	No.11	Jan.07, 2017	1 Year
27.	RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	Jan.07, 2017	1 Year
28.	RF Coaxial Cable	SUHNER	N-2m	No.13	Jan.07, 2017	1 Year
29.	RF Coaxial Cable	SUHNER	N-0.5m	No.15	Jan.07, 2017	1 Year
30.	RF Coaxial Cable	SUHNER	N-2m	No.16	Jan.07, 2017	1 Year
31.	RF Coaxial Cable	RESENBERGER	N-6m	No.17	Jan.07, 2017	1 Year

3.2.The Equipment Used to Measure Conducted Disturbance (L.I.S.N)

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCS30	100307	Jan.07, 2017	1 Year
2.	Test Receiver	Rohde & Schwarz	ESPI3	100396/003	Jan.07, 2017	1 Year
3.	Test Receiver	Rohde & Schwarz	ESPI3	101526/003	Jan.07, 2017	1 Year
4.	L.I.S.N.	Schwarzbeck	NLSK8126	8126431	Jan.07, 2017	1 Year
5.	L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100305	Jan.07, 2017	1 Year
6.	L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100310	Jan.07, 2017	1 Year
7.	L.I.S.N.	Rohde & Schwarz	ESH3-Z6	100132	Jan.07, 2017	1 Year
8.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100305	Jan.07, 2017	1 Year
9.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100312	Jan.07, 2017	1 Year
10.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	Jan.07, 2017	1 Year
11.	50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283936	Jan.07, 2017	1 Year
12.	50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	Jan.07, 2017	1 Year
13.	50Ω Coaxial Switch	Anritsu Corp	MP59B	6200506474	Jan.07, 2017	1 Year
14.	VOLTAGE PROBE	Schwarzbeck	TK9416	N/A	Jan.07, 2017	1 Year
15.	RF CURRENT PROBE	Rohde & Schwarz	EZ-17	100048	Jan.07, 2017	1 Year
16.	8-Wire Impedance Stabilisation Network	Schwarzbeck	CAT5 8158	8158-0035	Jan.07, 2017	1 Year
17.	RF Coaxial Cable	SUHNER	N-2m	No.2	Jan.07, 2017	1 Year
18.	RF Coaxial Cable	SUHNER	N-2m	No.3	Jan.07, 2017	1 Year
19.	RF Coaxial Cable	SUHNER	N-2m	No.14	Jan.07, 2017	1 Year

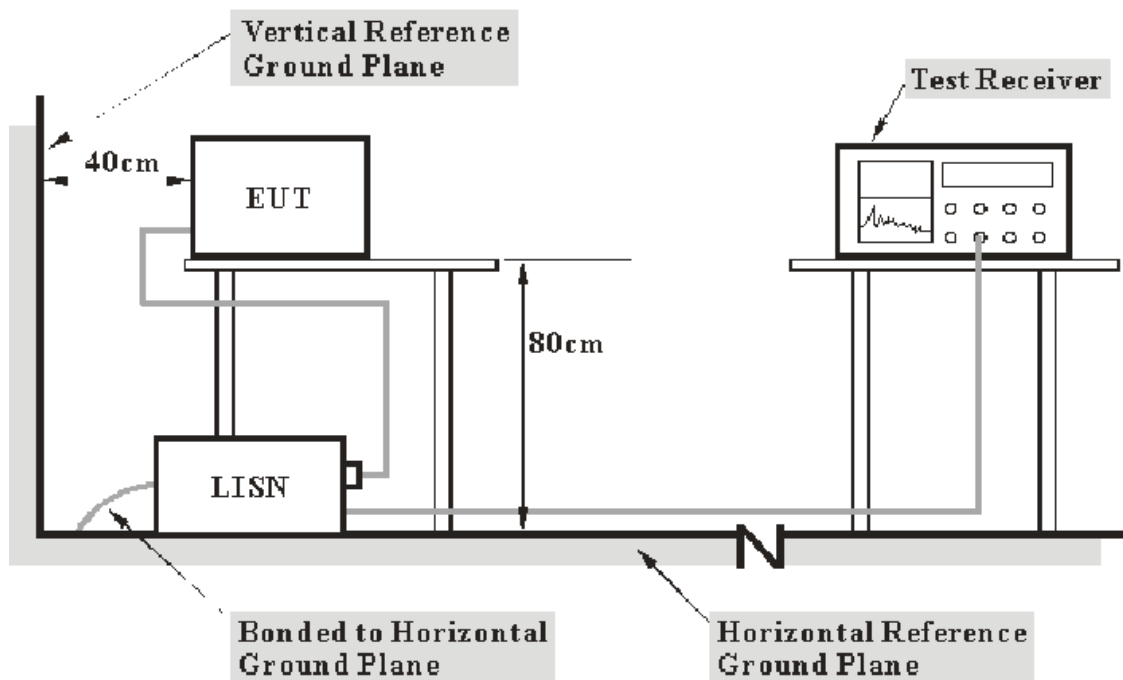
4. POWER LINE CONDUCTED MEASUREMENT

4.1. Block Diagram of Test Setup



(EUT: Interactive Flat Panel)

4.2. EUT Setup



- Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

4.3. Test mode description

Test mode 1: USB Playing
Test mode 2: AV IN
Test mode 3: VGA IN
Test mode 4: DP IN
Test mode 5: HDMI IN
Test mode 6: Memory Playing

Note: EUT have two USB Playing interfaces, the USB TOUCH port is used to output the touch for external devices connected to PC, Another USB Playing interface is used for system upgrades or service.
There is a detailed description of the interface On the fifth page of the user manual.

4.4. Power Line Conducted Emission Measurement Limits

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0
NOTE1: The lower limit shall apply at the transition frequencies. NOTE2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.		

4.5. 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.

4.6. Operating Condition of EUT

- 4.6.1. Setup the EUT and simulator as shown as Section 4.1.
- 4.6.2. Turn on the power of all equipment.
- 4.6.3. Let the EUT work in test mode and measure it.

4.7. Measurement Uncertainty

All measurements involve certain levels of uncertainties, especially in field of EMC. The factors contributing to uncertainties are spectrum analyzer, cable loss, and LISN.

The Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of any conducted emissions measurement at ATC is ± 2.23 dB.

4.8. 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 AC 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.

4.9. DATA SAMPLE

Frequency (MHz)	Transducer value (dB)	QuasiPeak Level (dBμV)	Average Level (dBμV)	QuasiPeak Limit (dBμV)	Average Limit (dBμV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)
X.XX	10.9	56.7	44.1	62.0	52.0	5.0	7.5	Pass

Frequency(MHz) = Emission frequency in MHz

Transducer value(dB) = Insertion loss of LISN + Cable Loss

Level(dBμV) = Quasi-peak Reading/Average Reading + Transducer value

Limit (dBμV) = Limit stated in standard

Margin = Limit (dBμV) - Level (dBμV)

Calculation Formula:

Margin = Limit (dBμV) - Level (dBμV)

4.10. Power Line Conducted Emission Measurement Results

PASS.

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

Maximizing procedure was performed on the six (6) highest emissions of the EUT. Emissions attenuated more than 20 dB below the permissible value are not reported.

All data was recorded in the Quasi-peak and average detection mode.

The spectral diagrams are attached as below.

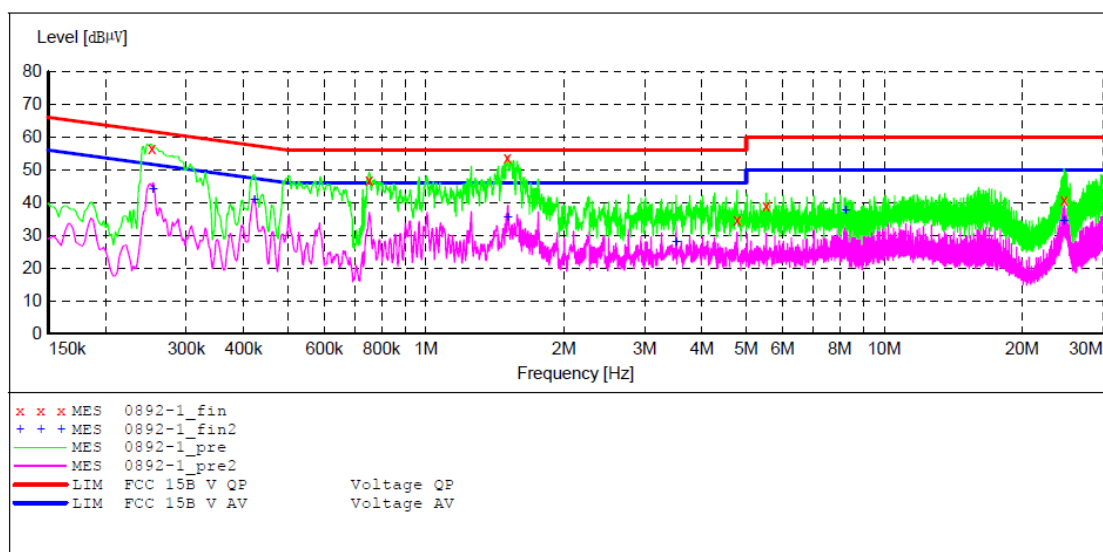
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: USB Playing
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:07:37

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-1_fin"

2017-6-7 9:08

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.252000	56.70	10.9	62	5.0	QP	N	GND
0.752000	46.80	11.1	56	9.2	QP	N	GND
1.506000	53.60	11.2	56	2.4	QP	N	GND
4.775000	34.80	11.4	56	21.2	QP	N	GND
5.525000	39.20	11.5	60	20.8	QP	N	GND
24.690000	40.80	11.7	60	19.2	QP	N	GND

MEASUREMENT RESULT: "0892-1_fin2"

2017-6-7 9:08

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.254000	44.10	10.9	52	7.5	AV	N	GND
0.422000	41.00	11.0	47	6.4	AV	N	GND
1.510000	35.60	11.2	46	10.4	AV	N	GND
3.515000	28.10	11.4	46	17.9	AV	N	GND
8.235000	37.80	11.5	50	12.2	AV	N	GND
24.665000	34.50	11.7	50	15.5	AV	N	GND

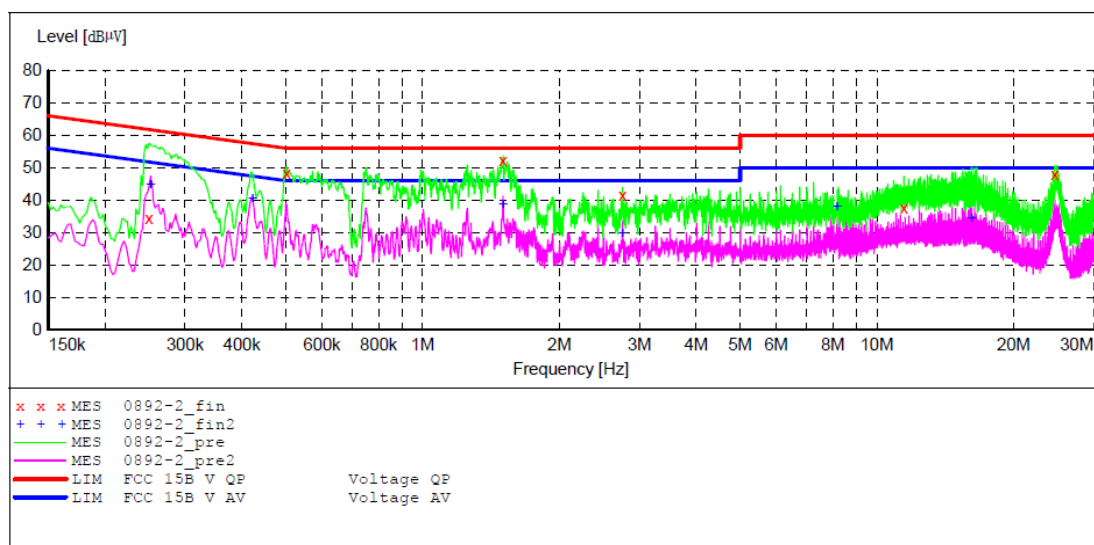
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: USB Playing
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:09:16

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-2_fin"

2017-6-7 9:11

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.250000	57.50	10.9	62	4.5	QP	L1	GND
0.502000	48.40	11.0	56	7.6	QP	L1	GND
1.504000	52.20	11.2	56	3.8	QP	L1	GND
2.755000	41.50	11.3	56	14.5	QP	L1	GND
11.465000	37.70	11.6	60	22.3	QP	L1	GND
24.665000	48.20	11.7	60	11.8	QP	L1	GND

MEASUREMENT RESULT: "0892-2_fin2"

2017-6-7 9:11

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.252000	44.70	10.9	52	7.0	AV	L1	GND
0.422000	40.50	11.0	47	6.9	AV	L1	GND
1.504000	38.70	11.2	46	7.3	AV	L1	GND
2.755000	29.70	11.3	46	16.3	AV	L1	GND
8.175000	37.90	11.5	50	12.1	AV	L1	GND
16.155000	34.40	11.7	50	15.6	AV	L1	GND

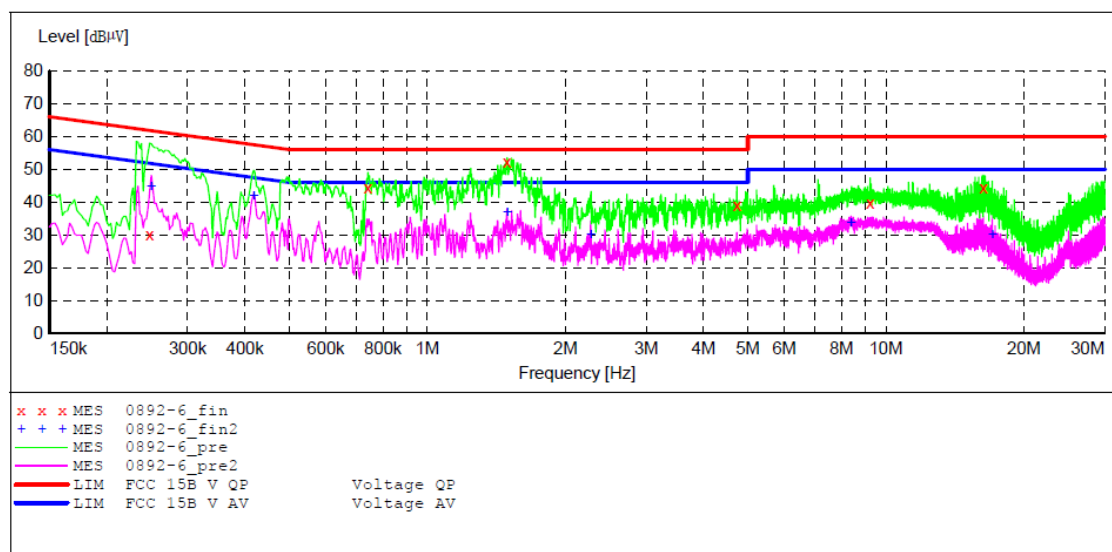
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: HDMI IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:21:14

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-6_fin"

2017-6-7 9:27

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.248000	30.20	10.9	62	31.6	QP	L1	GND
0.742000	44.50	11.1	56	11.5	QP	L1	GND
1.492000	52.30	11.2	56	3.7	QP	L1	GND
4.730000	39.20	11.4	56	16.8	QP	L1	GND
9.240000	39.80	11.6	60	20.2	QP	L1	GND
16.300000	44.40	11.7	60	15.6	QP	L1	GND

MEASUREMENT RESULT: "0892-6_fin2"

2017-6-7 9:27

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.250000	44.70	10.9	52	7.1	AV	L1	GND
0.418000	41.90	11.0	48	5.6	AV	L1	GND
1.492000	37.00	11.2	46	9.0	AV	L1	GND
2.270000	30.10	11.3	46	15.9	AV	L1	GND
8.390000	33.70	11.5	50	16.3	AV	L1	GND
17.050000	30.00	11.7	50	20.0	AV	L1	GND

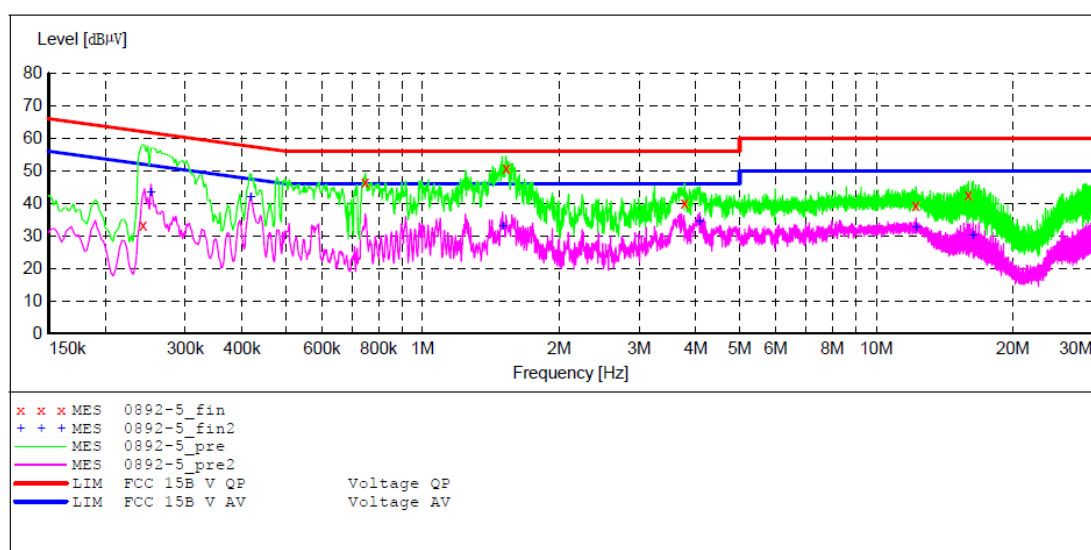
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: HDMI IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:18:44

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-5_fin"

2017-6-7 9:20

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.242000	33.50	10.9	62	28.5	QP	N	GND
0.748000	46.50	11.1	56	9.5	QP	N	GND
1.528000	50.90	11.2	56	5.1	QP	N	GND
3.780000	40.30	11.4	56	15.7	QP	N	GND
12.225000	39.30	11.6	60	20.7	QP	N	GND
15.965000	42.60	11.7	60	17.4	QP	N	GND

MEASUREMENT RESULT: "0892-5_fin2"

2017-6-7 9:20

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.252000	43.30	10.9	52	8.4	AV	N	GND
0.418000	42.00	11.0	48	5.5	AV	N	GND
1.502000	33.10	11.2	46	12.9	AV	N	GND
4.080000	34.50	11.4	46	11.5	AV	N	GND
12.225000	32.80	11.6	50	17.2	AV	N	GND
16.335000	30.20	11.7	50	19.8	AV	N	GND

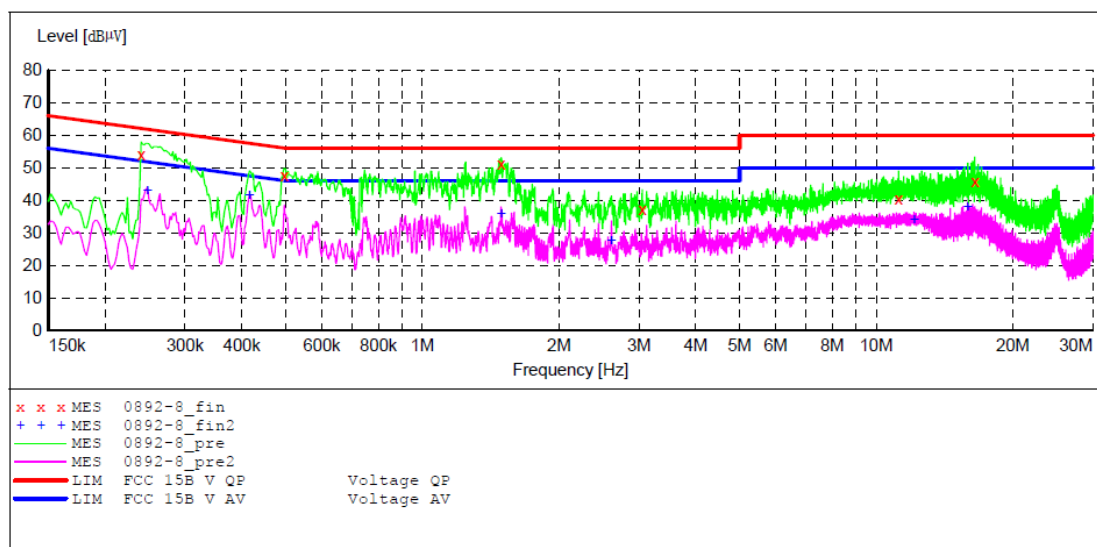
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: VGA IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:30:32

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-8_fin"

2017-6-7 9:32

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.240000	54.10	10.9	62	8.0	QP	N	GND
0.496000	47.70	11.0	56	8.4	QP	N	GND
1.492000	51.30	11.2	56	4.7	QP	N	GND
3.050000	37.20	11.3	56	18.8	QP	N	GND
11.205000	40.60	11.6	60	19.4	QP	N	GND
16.485000	46.00	11.7	60	14.0	QP	N	GND

MEASUREMENT RESULT: "0892-8_fin2"

2017-6-7 9:32

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.248000	42.90	10.9	52	8.9	AV	N	GND
0.416000	41.70	11.0	48	5.8	AV	N	GND
1.490000	35.90	11.2	46	10.1	AV	N	GND
2.610000	27.60	11.3	46	18.4	AV	N	GND
12.115000	34.10	11.6	50	15.9	AV	N	GND
15.920000	38.00	11.7	50	12.0	AV	N	GND

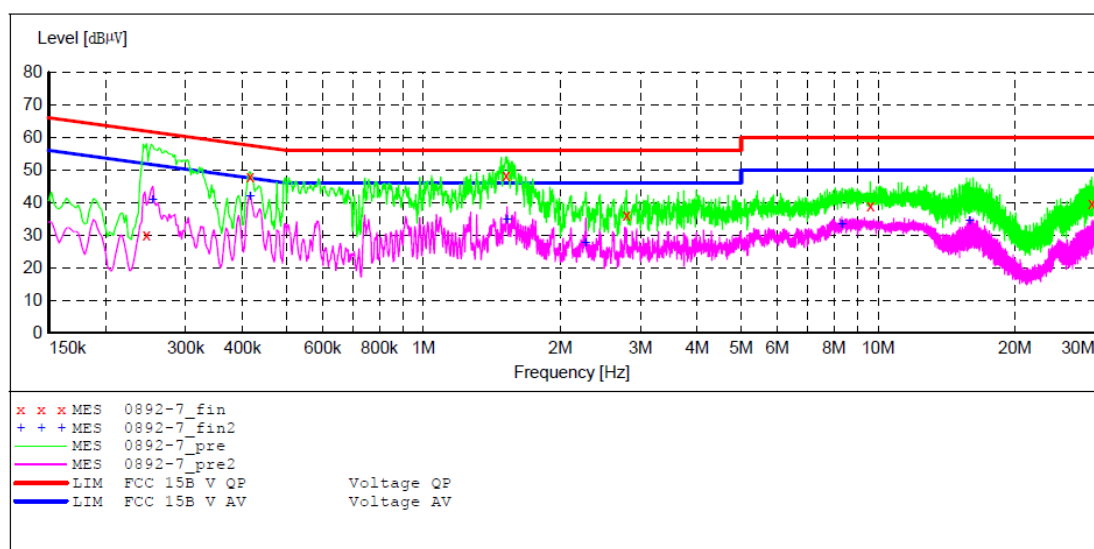
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: VGA IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:27:55

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-7_fin"

2017-6-7 9:30

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.246000	30.00	10.9	62	31.9	QP	L1	GND
0.416000	48.10	11.0	58	9.4	QP	L1	GND
1.520000	48.30	11.2	56	7.7	QP	L1	GND
2.795000	36.40	11.3	56	19.6	QP	L1	GND
9.615000	39.00	11.6	60	21.0	QP	L1	GND
29.505000	39.80	11.8	60	20.2	QP	L1	GND

MEASUREMENT RESULT: "0892-7_fin2"

2017-6-7 9:30

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.254000	41.00	10.9	52	10.6	AV	L1	GND
0.416000	41.90	11.0	48	5.6	AV	L1	GND
1.528000	34.70	11.2	46	11.3	AV	L1	GND
2.275000	27.80	11.3	46	18.2	AV	L1	GND
8.325000	33.20	11.5	50	16.8	AV	L1	GND
15.920000	34.50	11.7	50	15.5	AV	L1	GND

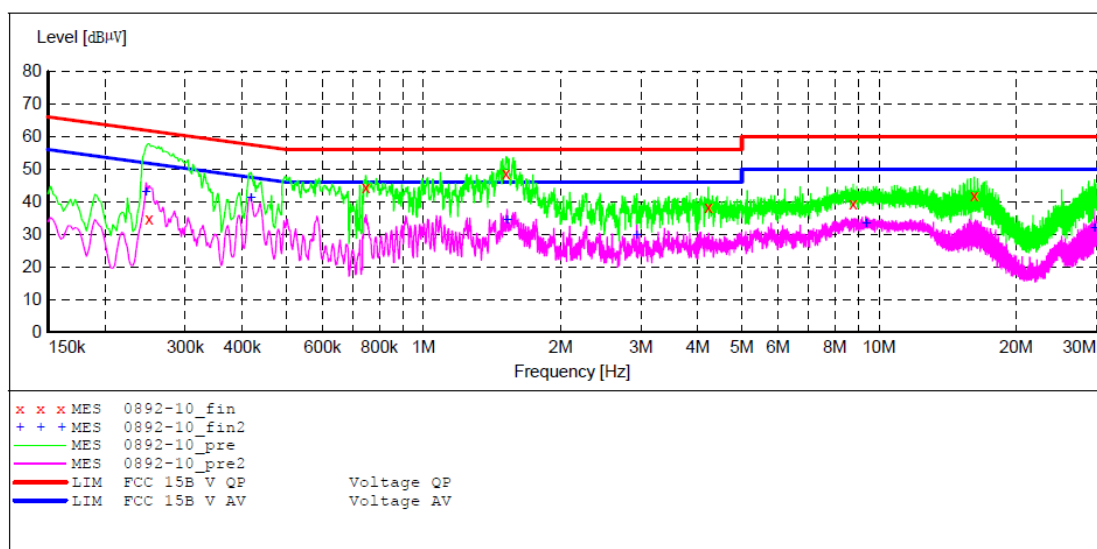
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: DP IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:34:35

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-10_fin"

2017-6-7 9:36

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.250000	34.90	10.9	62	26.9	QP	L1	GND
0.748000	44.30	11.1	56	11.7	QP	L1	GND
1.518000	48.80	11.2	56	7.2	QP	L1	GND
4.220000	38.40	11.4	56	17.6	QP	L1	GND
8.775000	39.50	11.5	60	20.5	QP	L1	GND
16.165000	42.00	11.7	60	18.0	QP	L1	GND

MEASUREMENT RESULT: "0892-10_fin2"

2017-6-7 9:36

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.246000	43.20	10.9	52	8.7	AV	L1	GND
0.418000	41.30	11.0	48	6.2	AV	L1	GND
1.526000	34.50	11.2	46	11.5	AV	L1	GND
2.940000	29.90	11.3	46	16.1	AV	L1	GND
9.360000	33.30	11.6	50	16.7	AV	L1	GND
29.730000	32.10	11.8	50	17.9	AV	L1	GND

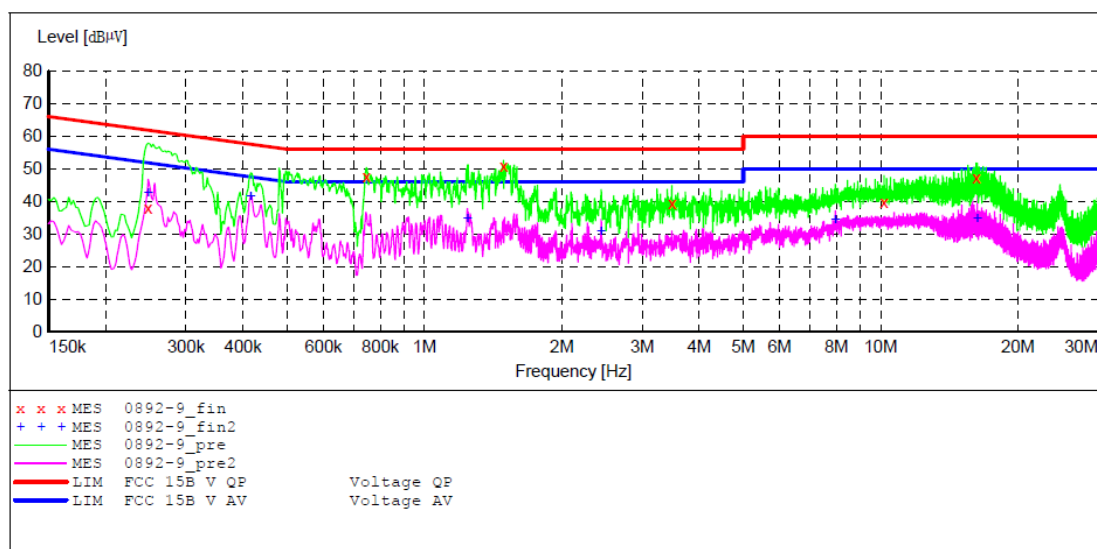
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: DP IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:32:22

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-9_fin"

2017-6-7 9:34

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.248000	38.00	10.9	62	23.8	QP	N	GND
0.746000	47.60	11.1	56	8.4	QP	N	GND
1.490000	50.80	11.2	56	5.2	QP	N	GND
3.485000	39.50	11.4	56	16.5	QP	N	GND
10.170000	39.90	11.6	60	20.1	QP	N	GND
16.200000	47.20	11.7	60	12.8	QP	N	GND

MEASUREMENT RESULT: "0892-9_fin2"

2017-6-7 9:34

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.248000	42.70	10.9	52	9.1	AV	N	GND
0.416000	41.70	11.0	48	5.8	AV	N	GND
1.242000	34.90	11.2	46	11.1	AV	N	GND
2.440000	30.90	11.3	46	15.1	AV	N	GND
7.960000	34.60	11.5	50	15.4	AV	N	GND
16.290000	34.90	11.7	50	15.1	AV	N	GND

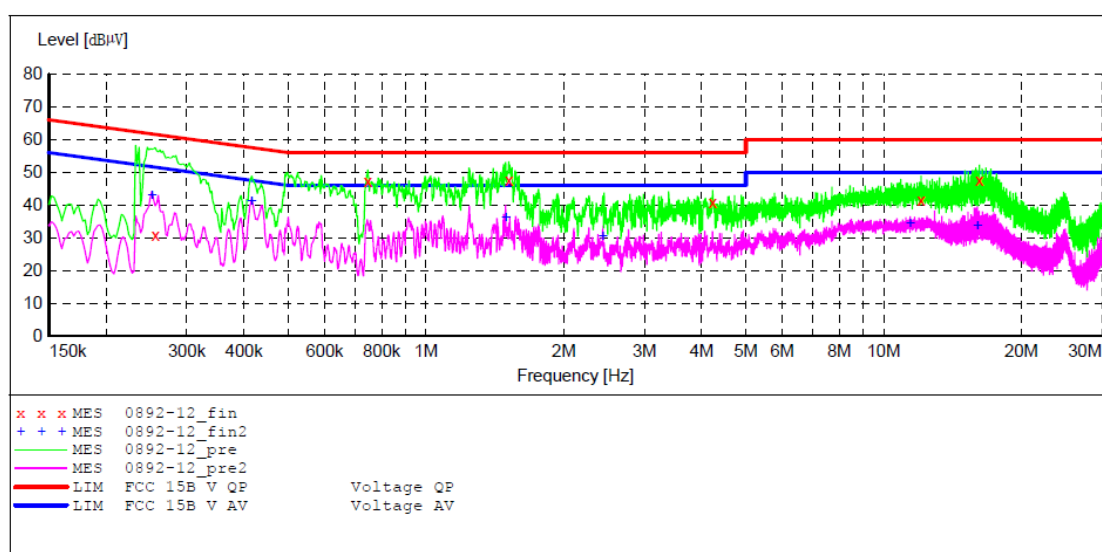
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: AV IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:39:10

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-12_fin"

2017-6-7 9:40

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.256000	30.90	10.9	62	30.7	QP	N	GND
0.746000	47.30	11.1	56	8.7	QP	N	GND
1.516000	47.70	11.2	56	8.3	QP	N	GND
4.230000	40.70	11.4	56	15.3	QP	N	GND
12.075000	41.50	11.6	60	18.5	QP	N	GND
16.190000	47.70	11.7	60	12.3	QP	N	GND

MEASUREMENT RESULT: "0892-12_fin2"

2017-6-7 9:40

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.252000	43.00	10.9	52	8.7	AV	N	GND
0.416000	41.40	11.0	48	6.1	AV	N	GND
1.492000	36.40	11.2	46	9.6	AV	N	GND
2.435000	30.50	11.3	46	15.5	AV	N	GND
11.435000	34.60	11.6	50	15.4	AV	N	GND
16.030000	33.70	11.7	50	16.3	AV	N	GND

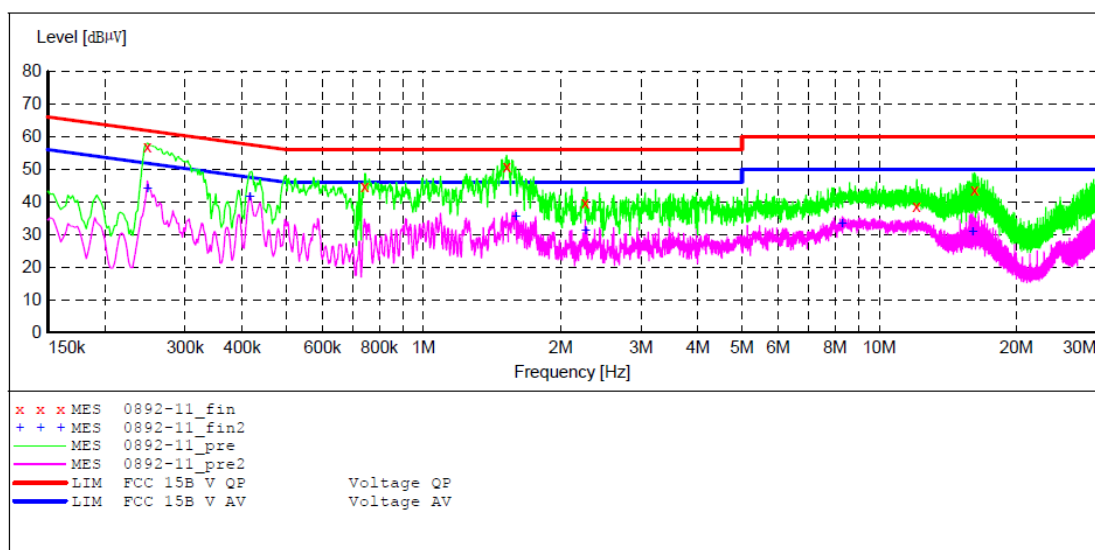
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: AV IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:36:41

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-11_fin"

2017-6-7 9:38

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.248000	57.00	10.9	62	4.8	QP	L1	GND
0.744000	44.90	11.1	56	11.1	QP	L1	GND
1.522000	51.00	11.2	56	5.0	QP	L1	GND
2.265000	39.90	11.3	56	16.1	QP	L1	GND
12.080000	38.70	11.6	60	21.3	QP	L1	GND
16.180000	43.80	11.7	60	16.2	QP	L1	GND

MEASUREMENT RESULT: "0892-11_fin2"

2017-6-7 9:38

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.248000	44.10	10.9	52	7.7	AV	L1	GND
0.416000	41.70	11.0	48	5.8	AV	L1	GND
1.594000	35.50	11.2	46	10.5	AV	L1	GND
2.265000	31.40	11.3	46	14.6	AV	L1	GND
8.295000	33.40	11.5	50	16.6	AV	L1	GND
16.025000	30.90	11.7	50	19.1	AV	L1	GND

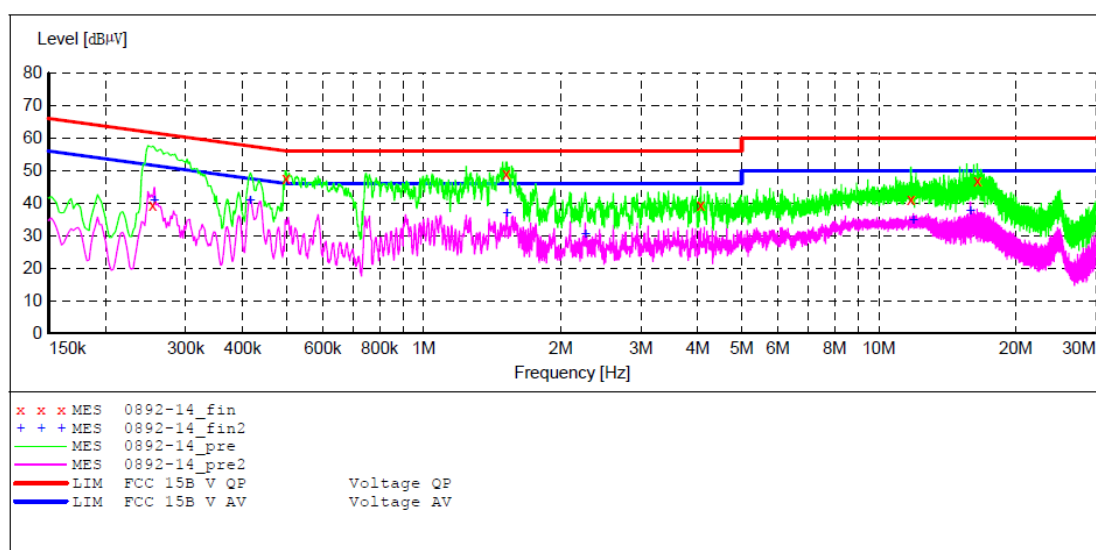
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: Memory Playing
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:45:48

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-14_fin"

2017-6-7 9:47

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.254000	39.40	10.9	62	22.2	QP	L1	GND
0.498000	47.80	11.0	56	8.2	QP	L1	GND
1.516000	49.00	11.2	56	7.0	QP	L1	GND
4.060000	39.40	11.4	56	16.6	QP	L1	GND
11.770000	41.20	11.6	60	18.8	QP	L1	GND
16.445000	46.90	11.7	60	13.1	QP	L1	GND

MEASUREMENT RESULT: "0892-14_fin2"

2017-6-7 9:47

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.256000	40.90	10.9	52	10.7	AV	L1	GND
0.416000	41.00	11.0	48	6.5	AV	L1	GND
1.522000	36.90	11.2	46	9.1	AV	L1	GND
2.265000	30.50	11.3	46	15.5	AV	L1	GND
11.920000	34.70	11.6	50	15.3	AV	L1	GND
15.890000	37.70	11.7	50	12.3	AV	L1	GND

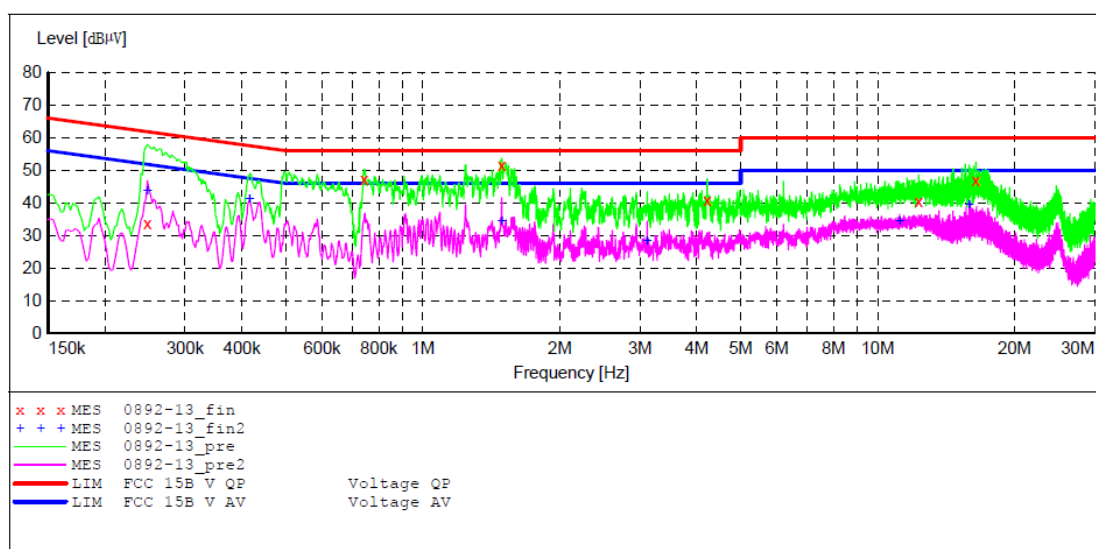
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: Memory Playing
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 120/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:43:55

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-13_fin"

2017-6-7 9:45

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.248000	33.70	10.9	62	28.1	QP	N	GND
0.744000	47.20	11.1	56	8.8	QP	N	GND
1.490000	51.70	11.2	56	4.3	QP	N	GND
4.220000	40.80	11.4	56	15.2	QP	N	GND
12.320000	40.60	11.6	60	19.4	QP	N	GND
16.445000	46.90	11.7	60	13.1	QP	N	GND

MEASUREMENT RESULT: "0892-13_fin2"

2017-6-7 9:45

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.248000	43.80	10.9	52	8.0	AV	N	GND
0.416000	41.30	11.0	48	6.2	AV	N	GND
1.490000	34.60	11.2	46	11.4	AV	N	GND
3.115000	28.30	11.3	46	17.7	AV	N	GND
11.180000	34.60	11.6	50	15.4	AV	N	GND
15.890000	39.40	11.7	50	10.6	AV	N	GND

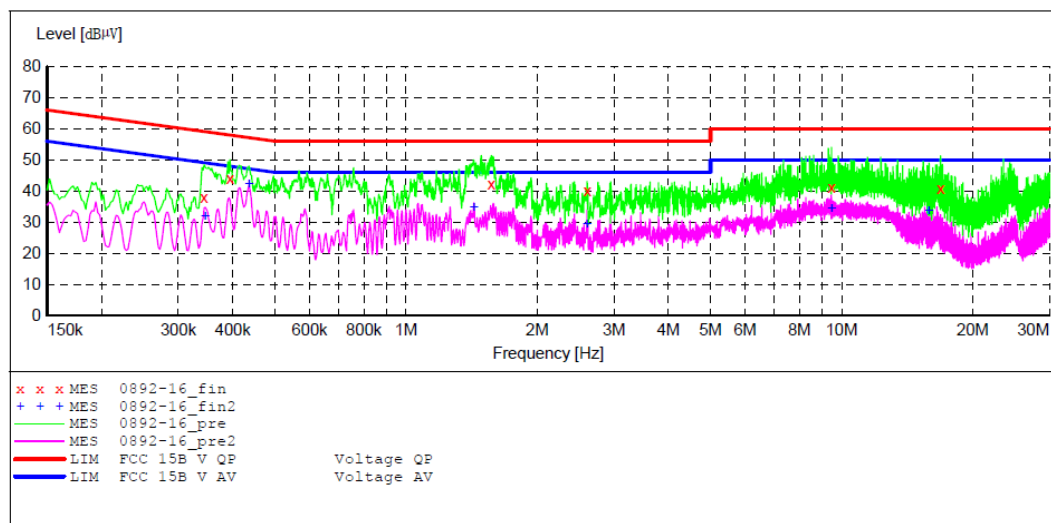
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: USB Playing
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 240/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:50:42

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-16_fin"

2017-6-7 9:55

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.344000	38.10	10.9	59	21.0	QP	N	GND
0.394000	44.00	11.0	58	14.0	QP	N	GND
1.570000	42.30	11.2	56	13.7	QP	N	GND
2.605000	40.30	11.3	56	15.7	QP	N	GND
9.480000	41.10	11.6	60	18.9	QP	N	GND
16.860000	40.70	11.7	60	19.3	QP	N	GND

MEASUREMENT RESULT: "0892-16_fin2"

2017-6-7 9:55

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.346000	32.10	10.9	49	17.0	AV	N	GND
0.436000	42.20	11.0	47	4.9	AV	N	GND
1.432000	34.90	11.2	46	11.1	AV	N	GND
2.605000	29.60	11.3	46	16.4	AV	N	GND
9.470000	34.40	11.6	50	15.6	AV	N	GND
15.865000	33.80	11.7	50	16.2	AV	N	GND

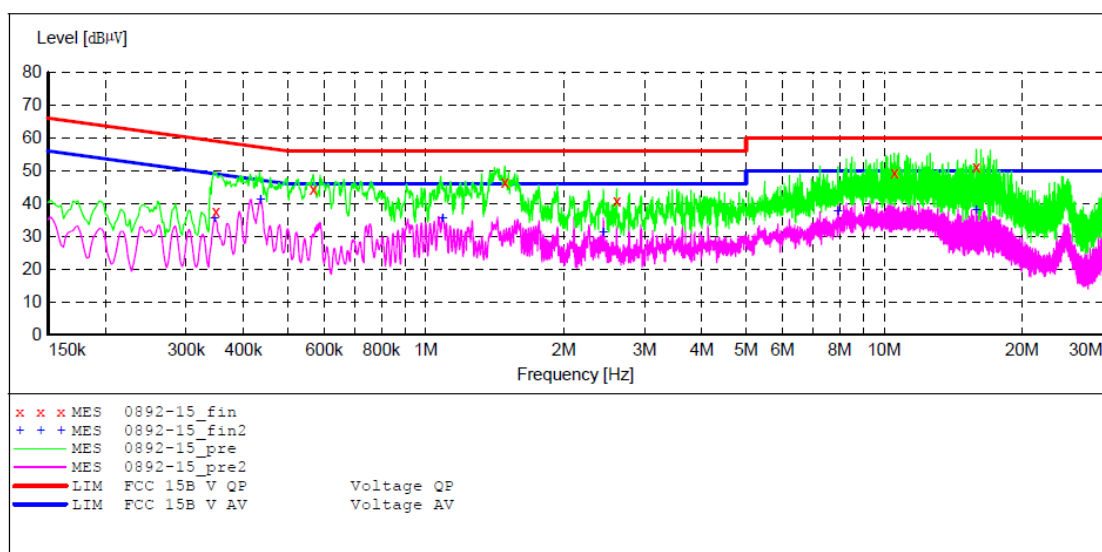
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: USB Playing
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 240/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:48:40

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-15_fin"

2017-6-7 9:50

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.348000	37.70	10.9	59	21.3	QP	L1	GND
0.568000	44.60	11.0	56	11.4	QP	L1	GND
1.486000	46.60	11.2	56	9.4	QP	L1	GND
2.610000	40.90	11.3	56	15.1	QP	L1	GND
10.520000	49.40	11.6	60	10.6	QP	L1	GND
15.880000	51.20	11.7	60	8.8	QP	L1	GND

MEASUREMENT RESULT: "0892-15_fin2"

2017-6-7 9:50

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.346000	35.50	10.9	49	13.6	AV	L1	GND
0.436000	41.40	11.0	47	5.7	AV	L1	GND
1.088000	35.60	11.1	46	10.4	AV	L1	GND
2.440000	31.10	11.3	46	14.9	AV	L1	GND
7.930000	37.60	11.5	50	12.4	AV	L1	GND
15.880000	38.10	11.7	50	11.9	AV	L1	GND

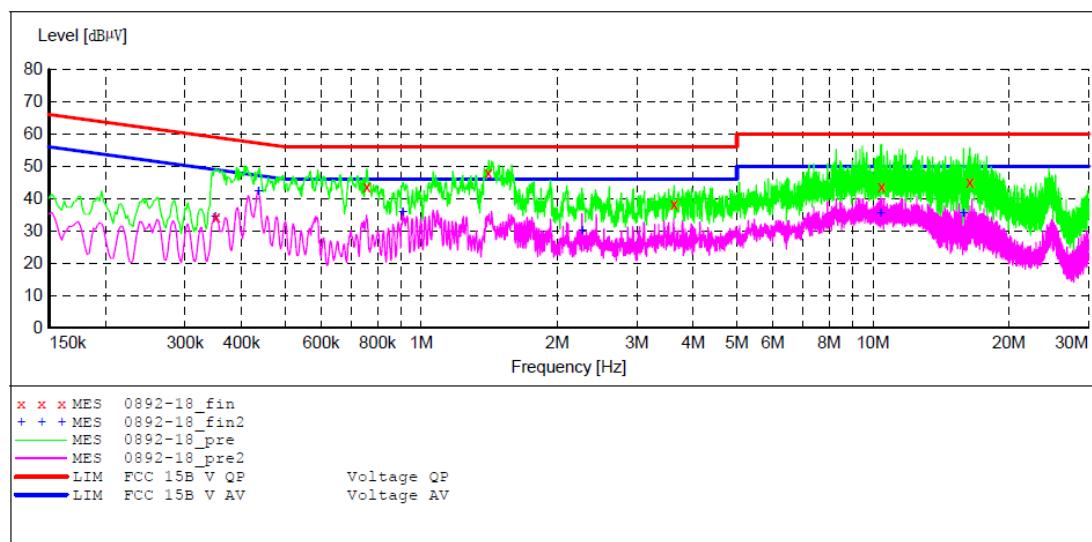
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: AV IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 240/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:58:18

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-18_fin"

2017-6-7 9:59

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.352000	34.40	10.9	59	24.5	QP	L1	GND
0.758000	43.60	11.1	56	12.4	QP	L1	GND
1.410000	48.10	11.2	56	7.9	QP	L1	GND
3.630000	38.30	11.4	56	17.7	QP	L1	GND
10.455000	43.80	11.6	60	16.2	QP	L1	GND
16.390000	45.30	11.7	60	14.7	QP	L1	GND

MEASUREMENT RESULT: "0892-18_fin2"

2017-6-7 9:59

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.350000	34.50	10.9	49	14.5	AV	L1	GND
0.436000	42.30	11.0	47	4.8	AV	L1	GND
0.910000	35.70	11.1	46	10.3	AV	L1	GND
2.270000	30.00	11.3	46	16.0	AV	L1	GND
10.400000	35.60	11.6	50	14.4	AV	L1	GND
15.870000	35.60	11.7	50	14.4	AV	L1	GND

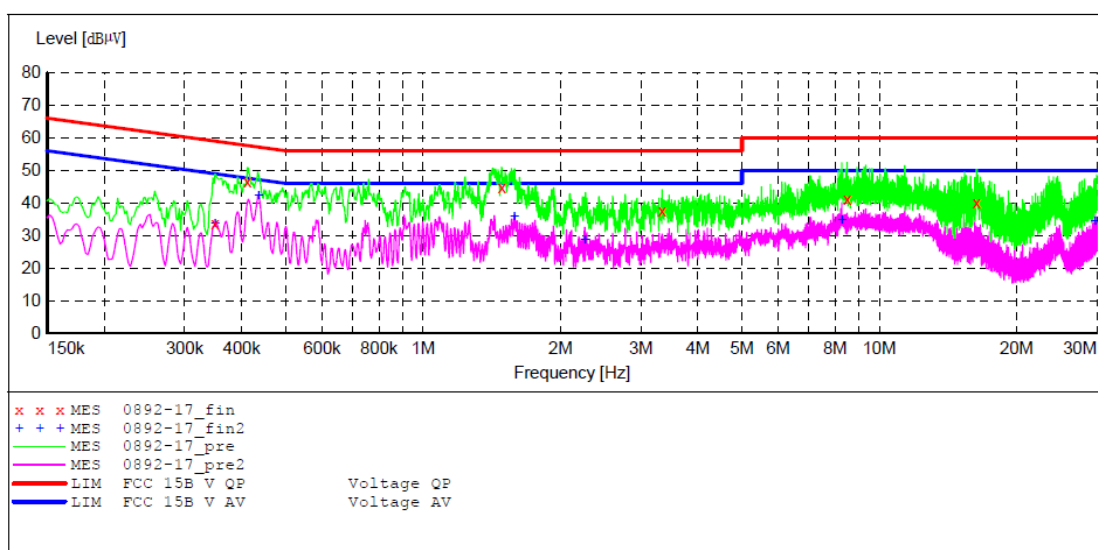
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recorder USA, Inc.
 Operating Condition: AV IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 240/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 9:56:17

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-17_fin"

2017-6-7 9:57

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.350000	33.80	10.9	59	25.2	QP	N	GND
0.412000	46.50	11.0	58	11.1	QP	N	GND
1.486000	44.80	11.2	56	11.2	QP	N	GND
3.340000	37.70	11.4	56	18.3	QP	N	GND
8.500000	41.30	11.5	60	18.7	QP	N	GND
16.345000	40.10	11.7	60	19.9	QP	N	GND

MEASUREMENT RESULT: "0892-17_fin2"

2017-6-7 9:57

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.350000	33.80	10.9	49	15.2	AV	N	GND
0.436000	42.30	11.0	47	4.8	AV	N	GND
1.586000	35.90	11.2	46	10.1	AV	N	GND
2.260000	28.80	11.3	46	17.2	AV	N	GND
8.270000	34.90	11.5	50	15.1	AV	N	GND
29.720000	34.40	11.8	50	15.6	AV	N	GND

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CONDUCTED EMISSION STANDARD FCC PART 15B

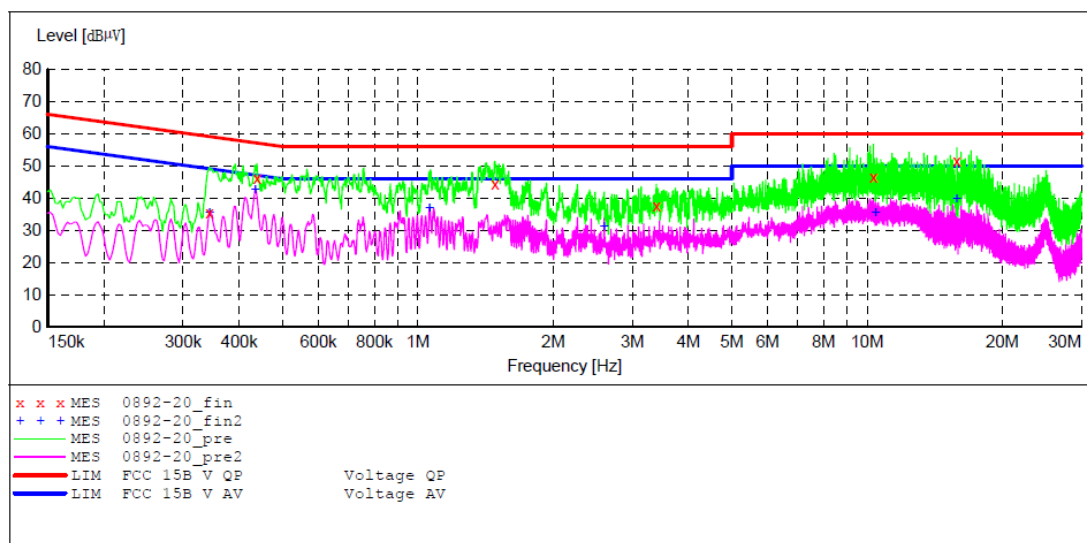
EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: DP IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 240/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 10:02:54

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

Short Description: _SUB_STD_VTERM2 1.70

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	4.5 kHz	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008

 Average



MEASUREMENT RESULT: "0892-20_fin"

2017-6-7 10:05

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.344000	35.50	10.9	59	23.6	QP	N	GND
0.438000	46.20	11.0	57	10.9	QP	N	GND
1.484000	44.60	11.2	56	11.4	QP	N	GND
3.395000	37.60	11.4	56	18.4	QP	N	GND
10.330000	46.60	11.6	60	13.4	QP	N	GND
15.840000	51.50	11.7	60	8.5	QP	N	GND

MEASUREMENT RESULT: "0892-20_fin2"

2017-6-7 10:05

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.344000	35.50	10.9	49	13.6	AV	N	GND
0.434000	42.60	11.0	47	4.6	AV	N	GND
1.062000	37.10	11.1	46	8.9	AV	N	GND
2.600000	31.30	11.3	46	14.7	AV	N	GND
10.430000	35.60	11.6	50	14.4	AV	N	GND
15.835000	39.80	11.7	50	10.2	AV	N	GND

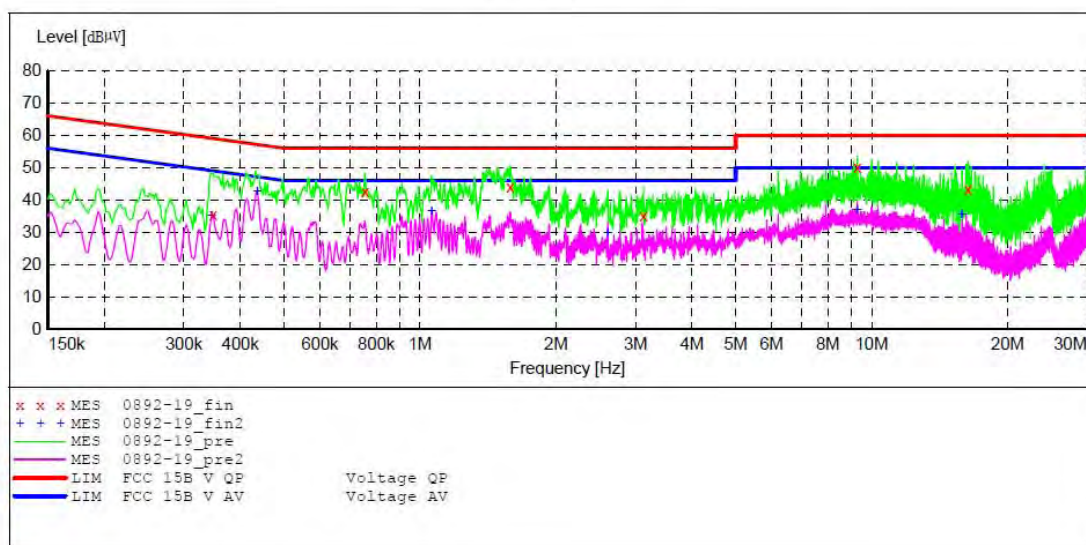
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recorder USA, Inc.
 Operating Condition: DP IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 240/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 10:00:49

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-19_fin"

2017-6-7 10:02

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.348000	35.60	10.9	59	23.4	QP	L1	GND
0.756000	42.70	11.1	56	13.3	QP	L1	GND
1.584000	44.10	11.2	56	11.9	QP	L1	GND
3.125000	35.00	11.3	56	21.0	QP	L1	GND
9.300000	50.00	11.6	60	10.0	QP	L1	GND
16.345000	43.30	11.7	60	16.7	QP	L1	GND

MEASUREMENT RESULT: "0892-19_fin2"

2017-6-7 10:02

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.346000	35.30	10.9	49	13.8	AV	L1	GND
0.436000	42.50	11.0	47	4.6	AV	L1	GND
1.062000	36.60	11.1	46	9.4	AV	L1	GND
2.605000	29.80	11.3	46	16.2	AV	L1	GND
9.300000	36.90	11.6	50	13.1	AV	L1	GND
15.845000	35.50	11.7	50	14.5	AV	L1	GND

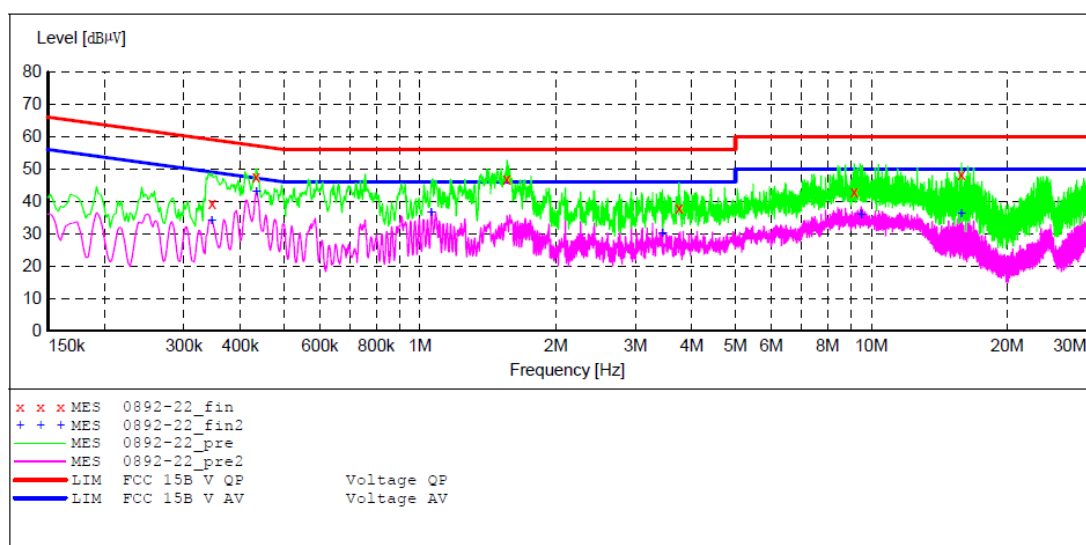
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recorder USA, Inc.
 Operating Condition: VGA IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 240/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 10:08:41

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-22_fin"

2017-6-7 10:10

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.346000	39.60	10.9	59	19.5	QP	L1	GND
0.434000	47.60	11.0	57	9.6	QP	L1	GND
1.558000	46.80	11.2	56	9.2	QP	L1	GND
3.750000	37.90	11.4	56	18.1	QP	L1	GND
9.160000	43.00	11.6	60	17.0	QP	L1	GND
15.835000	48.50	11.7	60	11.5	QP	L1	GND

MEASUREMENT RESULT: "0892-22_fin2"

2017-6-7 10:10

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.346000	34.00	10.9	49	15.1	AV	L1	GND
0.434000	42.90	11.0	47	4.3	AV	L1	GND
1.060000	36.60	11.1	46	9.4	AV	L1	GND
3.445000	30.20	11.4	46	15.8	AV	L1	GND
9.500000	35.80	11.6	50	14.2	AV	L1	GND
15.830000	36.40	11.7	50	13.6	AV	L1	GND

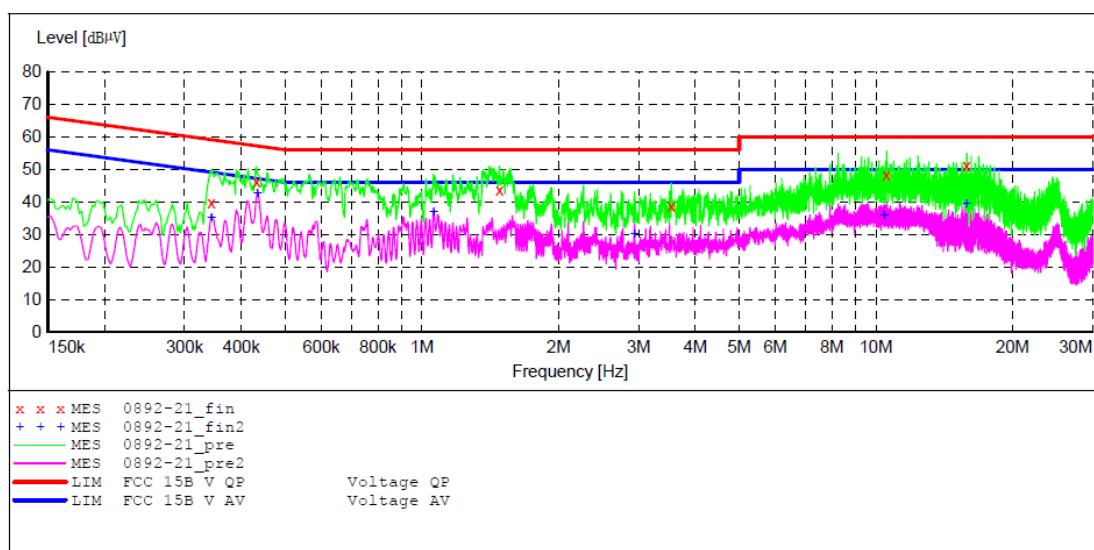
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recorder USA, Inc.
 Operating Condition: VGA IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 240/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 10:06:52

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-21_fin"

2017-6-7 10:08

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.344000	39.80	10.9	59	19.3	QP	N	GND
0.432000	46.40	11.0	57	10.8	QP	N	GND
1.482000	43.90	11.2	56	12.1	QP	N	GND
3.545000	38.80	11.4	56	17.2	QP	N	GND
10.555000	48.50	11.6	60	11.5	QP	N	GND
15.850000	51.40	11.7	60	8.6	QP	N	GND

MEASUREMENT RESULT: "0892-21_fin2"

2017-6-7 10:08

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.344000	35.10	10.9	49	14.0	AV	N	GND
0.434000	42.70	11.0	47	4.5	AV	N	GND
1.062000	37.10	11.1	46	8.9	AV	N	GND
2.940000	30.00	11.3	46	16.0	AV	N	GND
10.425000	35.80	11.6	50	14.2	AV	N	GND
15.835000	39.60	11.7	50	10.4	AV	N	GND

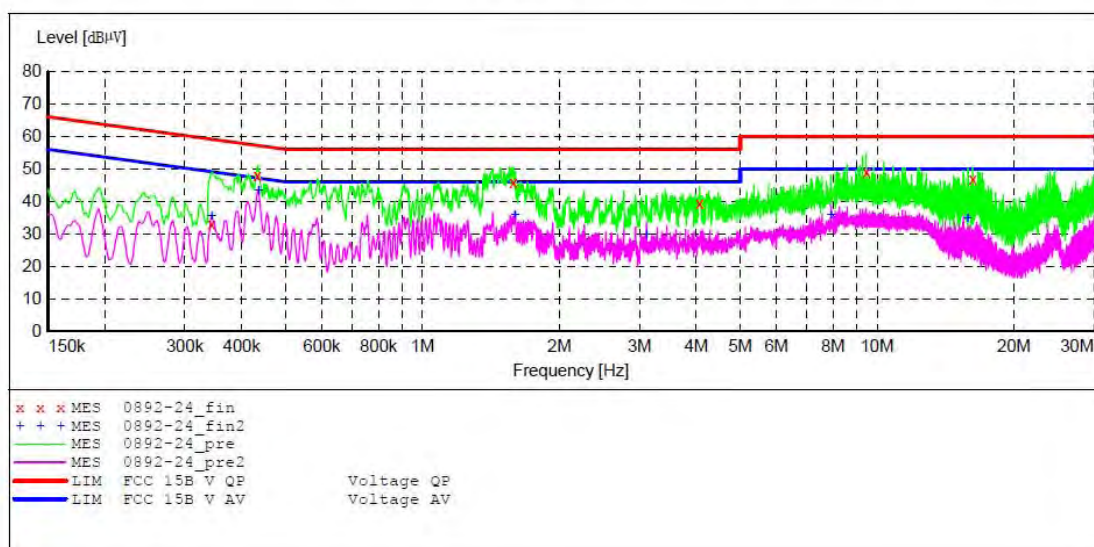
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: HDMI IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 240/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 10:12:35

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-24_fin"

2017-6-7 10:14

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.344000	33.20	10.9	59	25.9	QP	N	GND
0.434000	48.00	11.0	57	9.2	QP	N	GND
1.584000	45.70	11.2	56	10.3	QP	N	GND
4.065000	39.50	11.4	56	16.5	QP	N	GND
9.465000	49.20	11.6	60	10.8	QP	N	GND
16.225000	46.80	11.7	60	13.2	QP	N	GND

MEASUREMENT RESULT: "0892-24_fin2"

2017-6-7 10:14

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.344000	35.50	10.9	49	13.6	AV	N	GND
0.436000	43.20	11.0	47	3.9	AV	N	GND
1.598000	35.70	11.2	46	10.3	AV	N	GND
3.110000	29.80	11.3	46	16.2	AV	N	GND
7.920000	35.90	11.5	50	14.1	AV	N	GND
15.835000	34.90	11.7	50	15.1	AV	N	GND

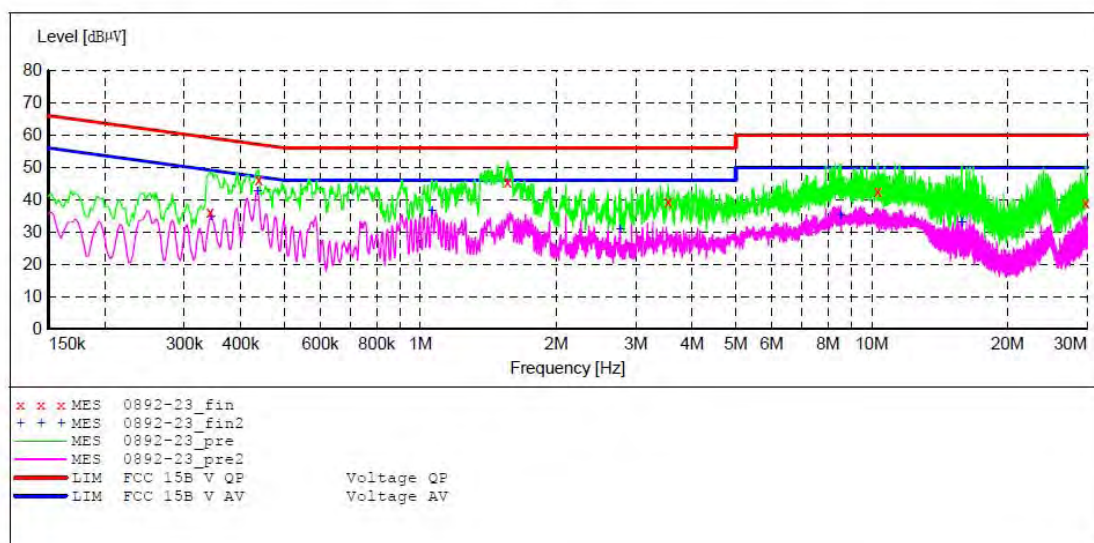
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: HDMI IN
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 240/60Hz
 Comment: Report NO.:ATE20170892
 Start of Test: 2017-6-7 / 10:10:42

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-23_fin"

2017-6-7 10:12

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.342000	36.40	10.9	59	22.8	QP	L1	GND
0.438000	46.20	11.0	57	10.9	QP	L1	GND
1.560000	45.60	11.2	56	10.4	QP	L1	GND
3.540000	39.30	11.4	56	16.7	QP	L1	GND
10.310000	42.70	11.6	60	17.3	QP	L1	GND
29.755000	39.10	11.8	60	20.9	QP	L1	GND

MEASUREMENT RESULT: "0892-23_fin2"

2017-6-7 10:12

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.344000	34.90	10.9	49	14.2	AV	L1	GND
0.436000	42.80	11.0	47	4.3	AV	L1	GND
1.062000	36.70	11.1	46	9.3	AV	L1	GND
2.770000	31.00	11.3	46	15.0	AV	L1	GND
8.540000	35.00	11.5	50	15.0	AV	L1	GND
15.825000	33.20	11.7	50	16.8	AV	L1	GND

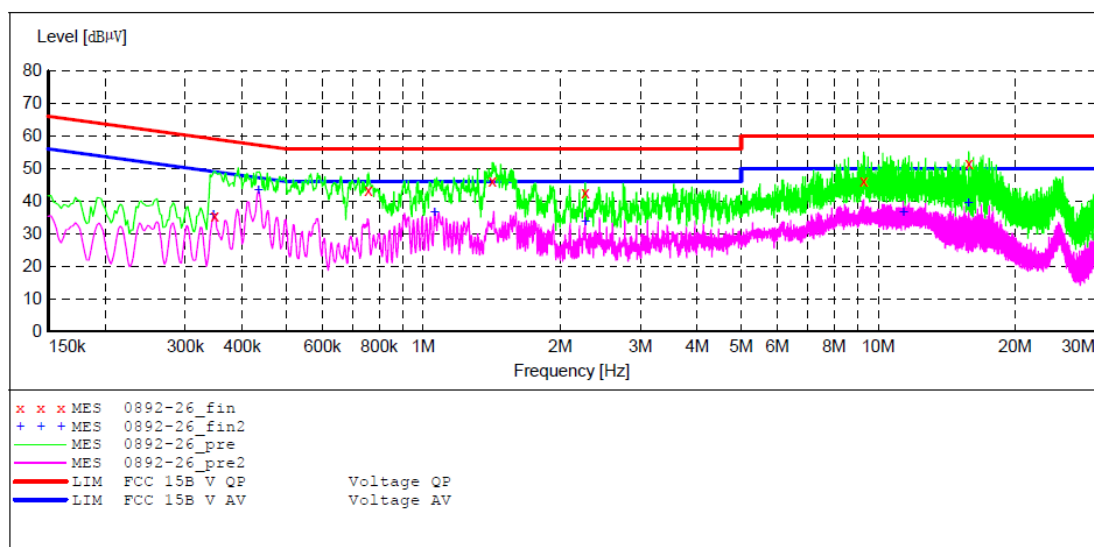
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: Memory Playing
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 240/60Hz
 Comment: Report NO.:ATE20170892
 USB3.0

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-26_fin"

2017-6-7 10:25

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.348000	35.60	10.9	59	23.4	QP	L1	GND
0.758000	43.30	11.1	56	12.7	QP	L1	GND
1.418000	46.10	11.2	56	9.9	QP	L1	GND
2.270000	42.50	11.3	56	13.5	QP	L1	GND
9.290000	46.10	11.6	60	13.9	QP	L1	GND
15.820000	51.70	11.7	60	8.3	QP	L1	GND

MEASUREMENT RESULT: "0892-26_fin2"

2017-6-7 10:25

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.346000	35.90	10.9	49	13.2	AV	L1	GND
0.434000	43.50	11.0	47	3.7	AV	L1	GND
1.060000	36.60	11.1	46	9.4	AV	L1	GND
2.270000	33.70	11.3	46	12.3	AV	L1	GND
11.345000	36.60	11.6	50	13.4	AV	L1	GND
15.820000	39.60	11.7	50	10.4	AV	L1	GND

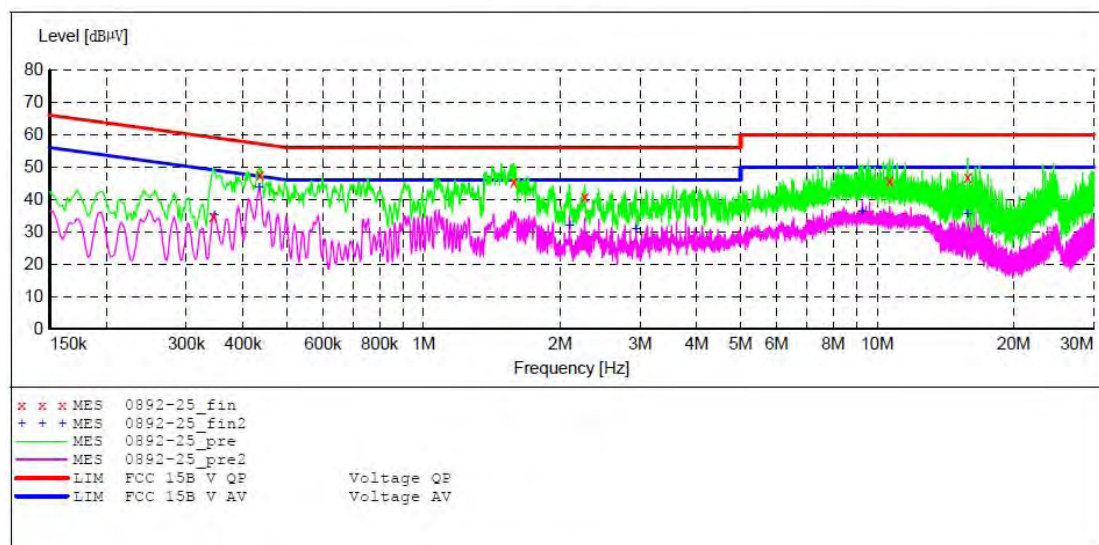
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:ST-750U
 Manufacturer: Recordex USA, Inc.
 Operating Condition: Memory Playing
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 240/60Hz
 Comment: Report NO.:ATE20170892
 USB3.0

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "0892-25_fin"

2017-6-7 10:19

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.344000	34.90	10.9	59	24.2	QP	N	GND
0.436000	47.80	11.0	57	9.3	QP	N	GND
1.582000	45.40	11.2	56	10.6	QP	N	GND
2.265000	40.70	11.3	56	15.3	QP	N	GND
10.660000	46.00	11.6	60	14.0	QP	N	GND
15.825000	46.90	11.7	60	13.1	QP	N	GND

MEASUREMENT RESULT: "0892-25_fin2"

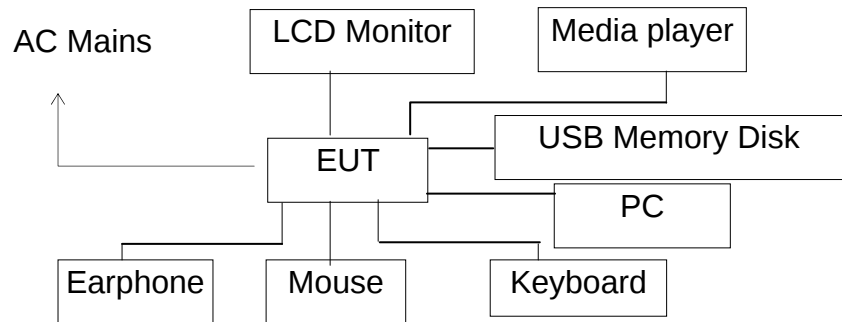
2017-6-7 10:19

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.346000	35.10	10.9	49	14.0	AV	N	GND
0.434000	43.60	11.0	47	3.6	AV	N	GND
2.100000	32.10	11.3	46	13.9	AV	N	GND
2.940000	30.90	11.3	46	15.1	AV	N	GND
9.280000	36.30	11.6	50	13.7	AV	N	GND
15.825000	35.60	11.7	50	14.4	AV	N	GND

5. RADIATED EMISSION MEASUREMENT

5.1. Block Diagram of Test

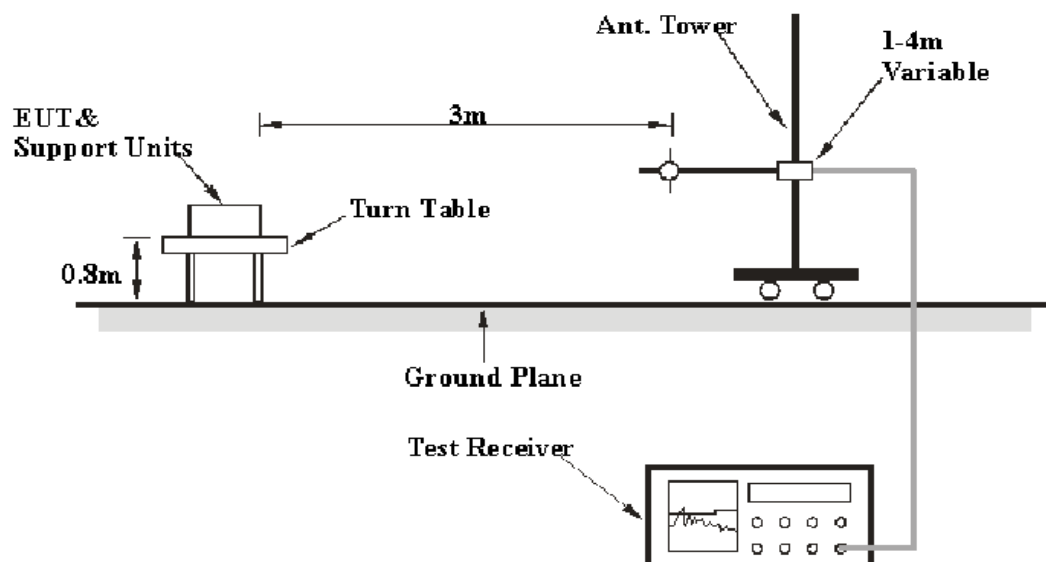
5.1.1. Block diagram of connection between the EUT and simulators



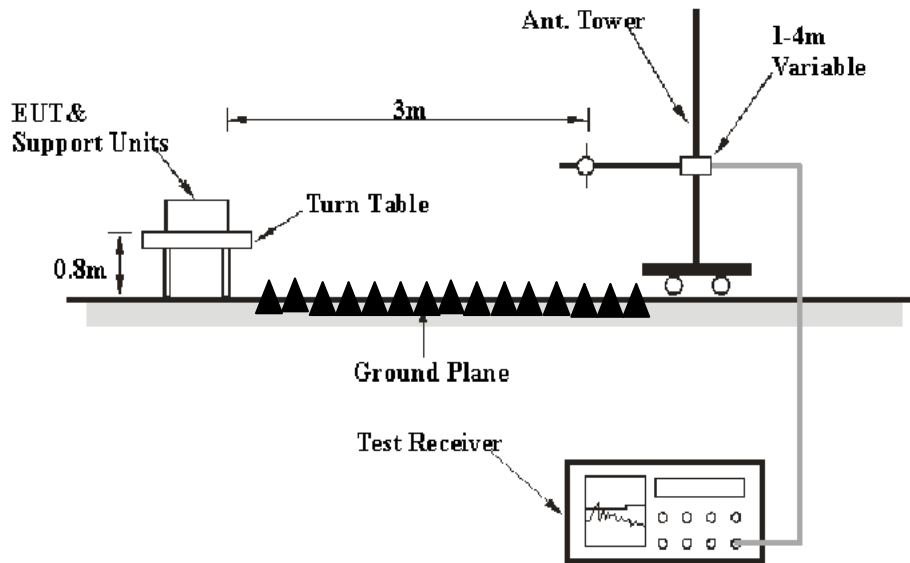
(EUT: Interactive Flat Panel)

5.1.2. Test System Setup

Below 1GHz:



Above 1GHz:



5.2. Test mode description

- Test mode 1: USB Playing
- Test mode 2: AV IN
- Test mode 3: VGA IN
- Test mode 4: DP IN
- Test mode 5: HDMI IN
- Test mode 6: Memory Playing

5.3. DATA SAMPLE

Frequency (MHz)	Reading (dB μ v)	Factor (dB/m)	Result (dB μ v/m)	Limit (dB μ v/m)	Margin (dB)	Remark
X.XX	43.45	-10.21	33.24	40.00	-6.76	QP

Frequency(MHz) = Emission frequency in MHz

Reading(dB μ v) = Uncorrected Analyzer/Receiver reading

Factor (dB/m) = Antenna factor + Cable Loss – Amplifier gain

Result(dB μ v/m) = Reading(dB μ v) + Factor(dB/m)

Limit (dB μ v/m) = Limit stated in standard

Margin (dB) = Result(dB μ v/m) - Limit (dB μ v/m)

QP = Quasi-peak Reading

Calculation Formula:

Margin(dB) = Result (dB μ V/m)–Limit(dB μ V/m)

Result(dB μ V/m)= Reading(dB μ V)+ Factor(dB/m)

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the limit.

5.4.Radiated Emission Limit (Class B)

All emanations from a class B device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified below:

Frequency MHz	Distance Meters	Field Strengths Limit	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V/m})$
30-88	3	100	40.0
88-216	3	150	43.5
216-960	3	200	46.0
Above 960	3	500	54.0
Remark: (1) Emission level $\text{dB}(\mu\text{V}) = 20 \log \text{Emission level } \mu\text{V/m}$. (2) The smaller limit shall apply at the cross point between two frequency bands. (3) Distance is the distance in meters between the measuring instrument antenna and the closest point of any part of the device or system.			

5.5.Manufacturer

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

5.5.1.Interactive Flat Panel (EUT)

Model Number: ST-750U

Manufacturer: Recordex USA, Inc.

5.6.Operating Condition of EUT

5.6.1.Setup the EUT and simulator as shown as Section 5.1

5.6.2.Turn on the power of all equipment.

5.6.3.Let the EUT work in test mode and measure it.

5.7.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.

The frequency range from 9kHz to 26500MHz is checked.

Note: The EUT highest operating frequency provided by Manufacturer is 1.2GHz and include 2.4GHz wifi, the radiated emission measurement shall be made up to 26.5 GHz

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30.
1.705–108	1000.
108–500	2000.
500–1000	5000.
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower.

5.8.Radiated Emission Noise Measurement Result

PASS.

The frequency range from 9kHz to 26500MHz is investigated.

The radiation emissions from 9kHz-30MHz is not reported, because the test values lower than the limits of 20dB.

The spectral diagrams are attached as below.

Below 1GHz



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

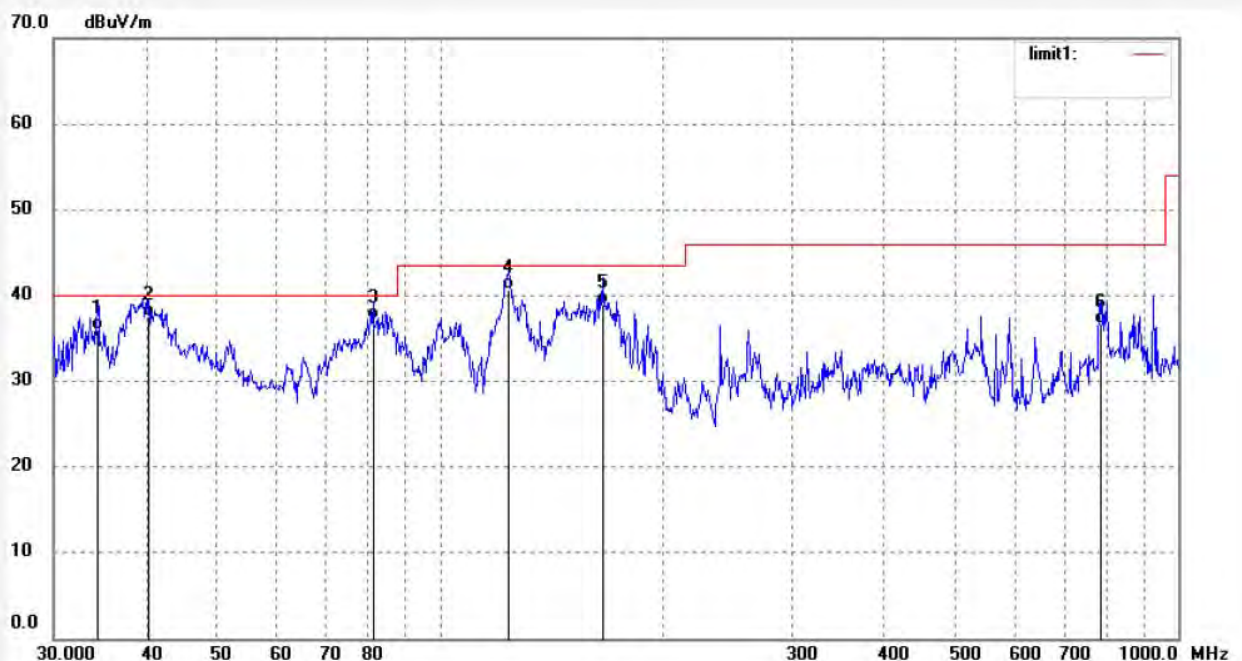
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Frank2017 #19
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: USB Playing
Model: ST-750U
Manufacturer: Recordex USA,Inc.

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 17/06/09/
Time: 11/00/47
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20170892



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	34.3962	46.15	-10.24	35.91	40.00	-4.09	QP			
2	40.4172	49.12	-11.62	37.50	40.00	-2.50	QP			
3	81.2116	53.45	-16.20	37.25	40.00	-2.75	QP			
4	124.1329	54.15	-13.54	40.61	43.50	-2.89	QP			
5	166.0680	53.12	-14.16	38.96	43.50	-4.54	QP			
6	785.0933	36.15	0.46	36.61	46.00	-9.39	QP			



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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: Frank2017 #21

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Interactive Flat Panel

Mode: USB Playing

Model: ST-750U

Manufacturer: Recordex USA,Inc.

Polarization: Horizontal

Power Source: AC 120V/60Hz

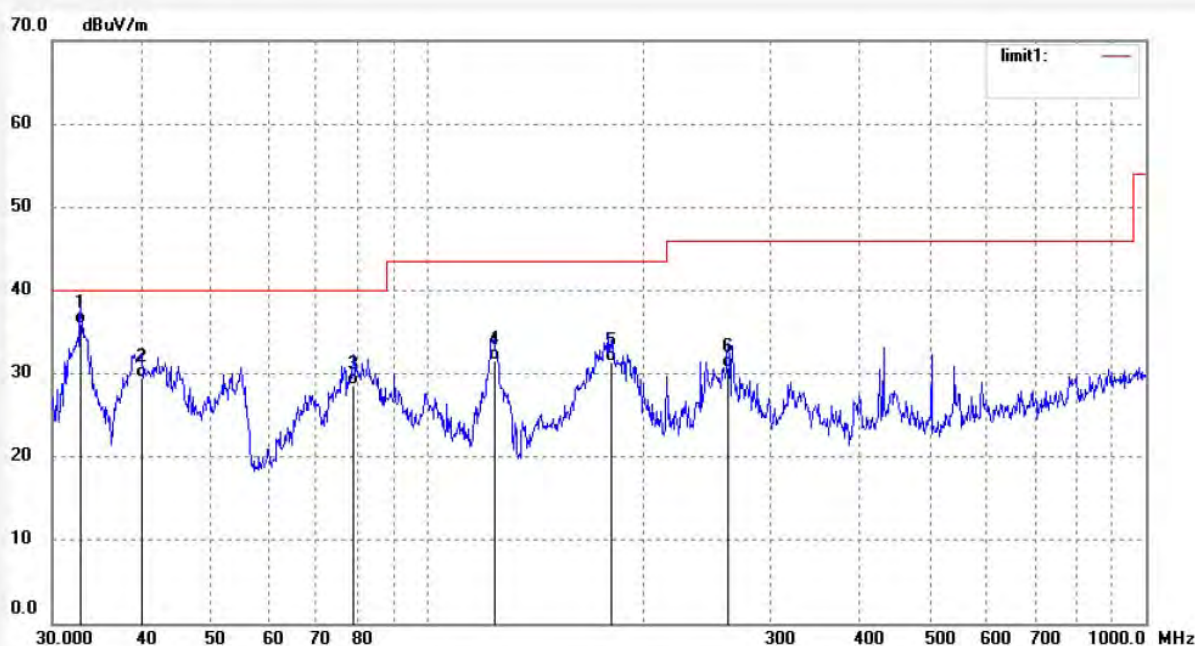
Date: 17/06/09/

Time: 11/20/32

Engineer Signature: Frank

Distance: 3m

Note: Report NO.:ATE20170892



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
							QP			
1	32.8637	46.12	-10.21	35.91	40.00	-4.09	QP			
2	39.9941	41.10	-11.53	29.57	40.00	-10.43	QP			
3	78.6888	45.21	-16.53	28.68	40.00	-11.32	QP			
4	123.6984	45.12	-13.48	31.64	43.50	-11.86	QP			
5	181.2834	44.50	-13.12	31.38	43.50	-12.12	QP			
6	261.9753	41.12	-10.37	30.75	46.00	-15.25	QP			



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Fax:+86-0755-26503396

Job No.: Frank2017 #22

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Interactive Flat Panel

Mode: AV IN

Model: ST-750U

Manufacturer: Recordex USA, Inc.

Polarization: Horizontal

Power Source: AC 120V/60Hz

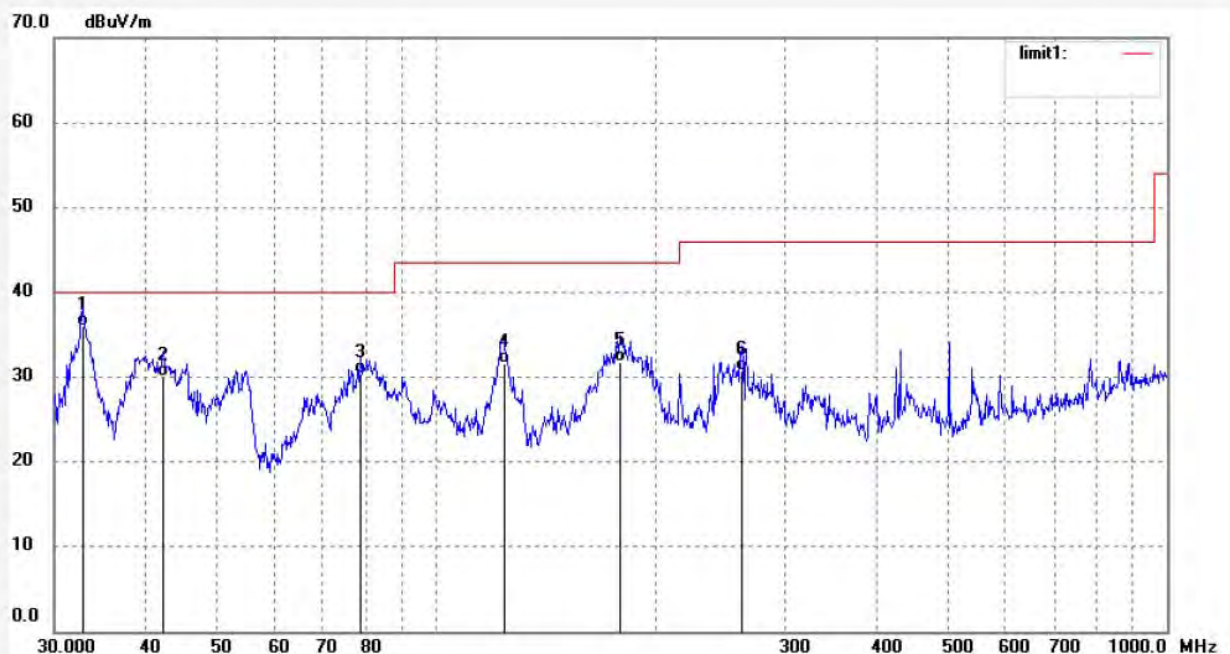
Date: 17/06/09/

Time: 11/30/44

Engineer Signature: Frank

Distance: 3m

Note: Report NO.:ATE20170892



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.8637	46.20	-10.21	35.99	40.00	-4.01	QP			
2	42.3021	42.12	-12.04	30.08	40.00	-9.92	QP			
3	78.6888	46.86	-16.53	30.33	40.00	-9.67	QP			
4	123.6984	45.12	-13.48	31.64	43.50	-11.86	QP			
5	178.1326	45.12	-13.39	31.73	43.50	-11.77	QP			
6	261.9753	41.12	-10.37	30.75	46.00	-15.25	QP			



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Site: 2# Chamber

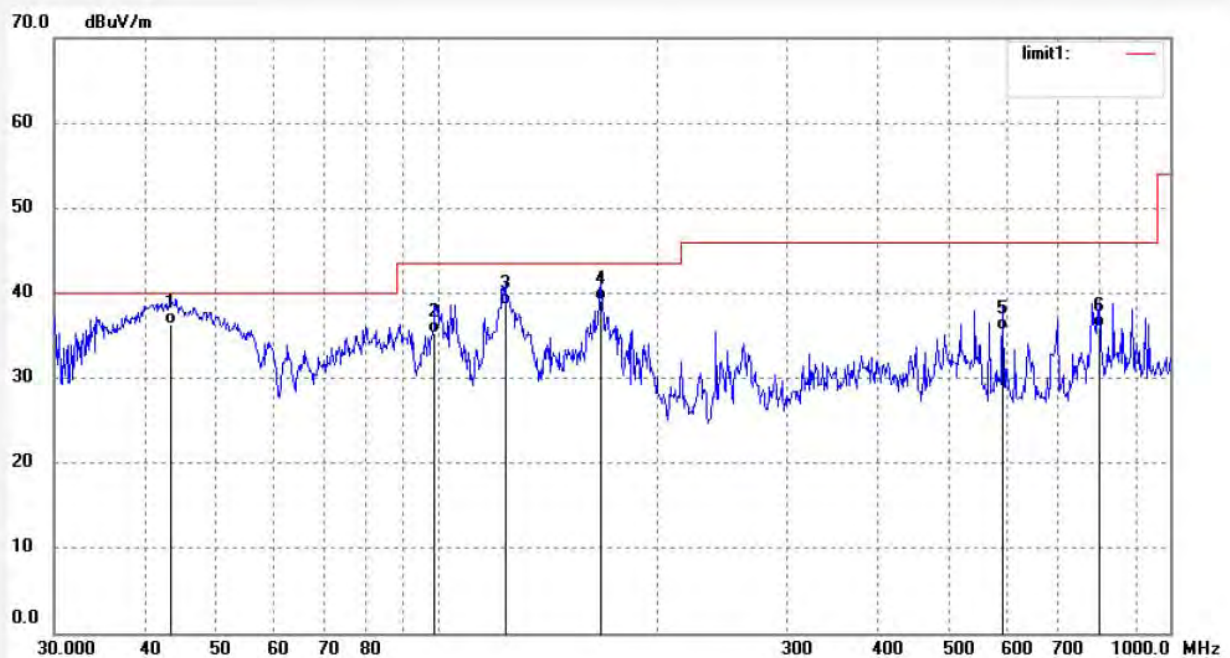
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Frank2017 #23
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: AV IN
Model: ST-750U
Manufacturer: Recordex USA,Inc.

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 17/06/09/
Time: 11/39/59
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20170892



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	43.3534	48.54	-12.27	36.27	40.00	-3.73	QP			
2	99.1795	48.54	-13.33	35.21	43.50	-8.29	QP			
3	123.6984	52.12	-13.48	38.64	43.50	-4.86	QP			
4	167.2366	53.12	-13.97	39.15	43.50	-4.35	QP			
5	590.9737	38.12	-2.46	35.66	46.00	-10.34	QP			
6	798.9796	35.24	0.81	36.05	46.00	-9.95	QP			



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Site: 2# Chamber

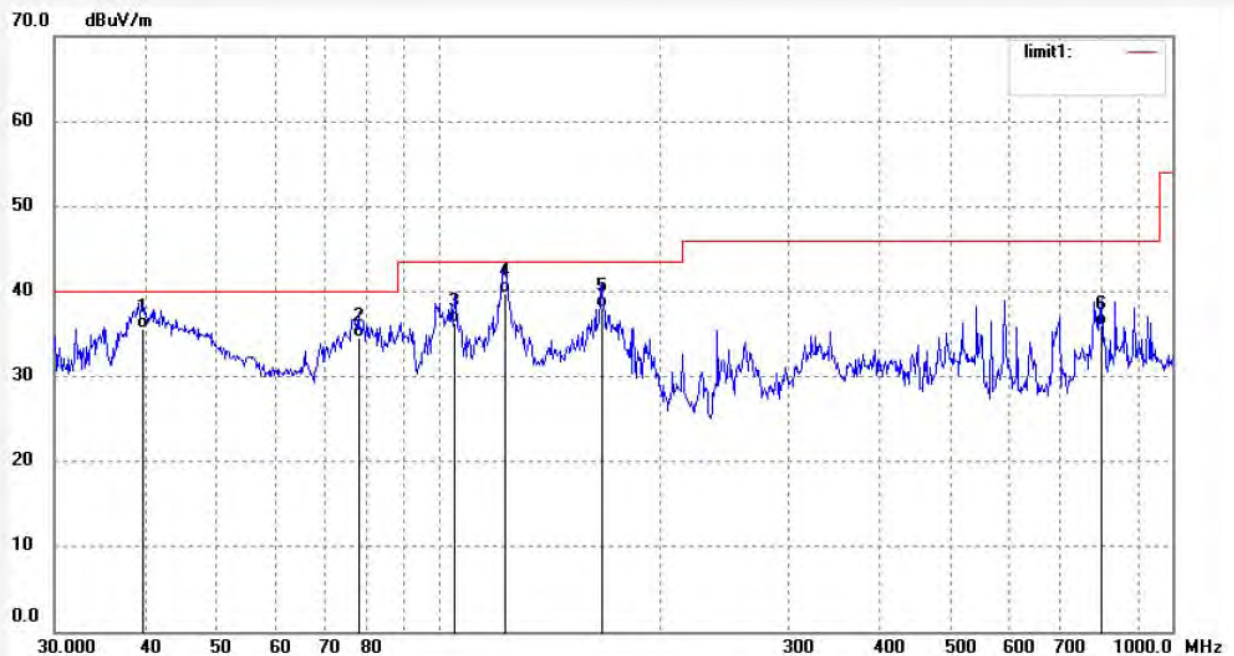
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Frank2017 #24
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: VGA IN
Model: ST-750U
Manufacturer: Recordex USA,Inc.

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 17/06/09/
Time: 11/50/15
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20170892



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.5756	47.12	-11.44	35.68	40.00	-4.32	QP			
2	77.8653	51.12	-16.57	34.55	40.00	-5.45	QP			
3	105.2716	50.12	-13.87	36.25	43.50	-7.25	QP			
4	123.2655	53.21	-13.43	39.78	43.50	-3.72	QP			
5	167.2366	52.12	-13.97	38.15	43.50	-5.35	QP			
6	798.9796	35.12	0.81	35.93	46.00	-10.07	QP			



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Site: 2# Chamber

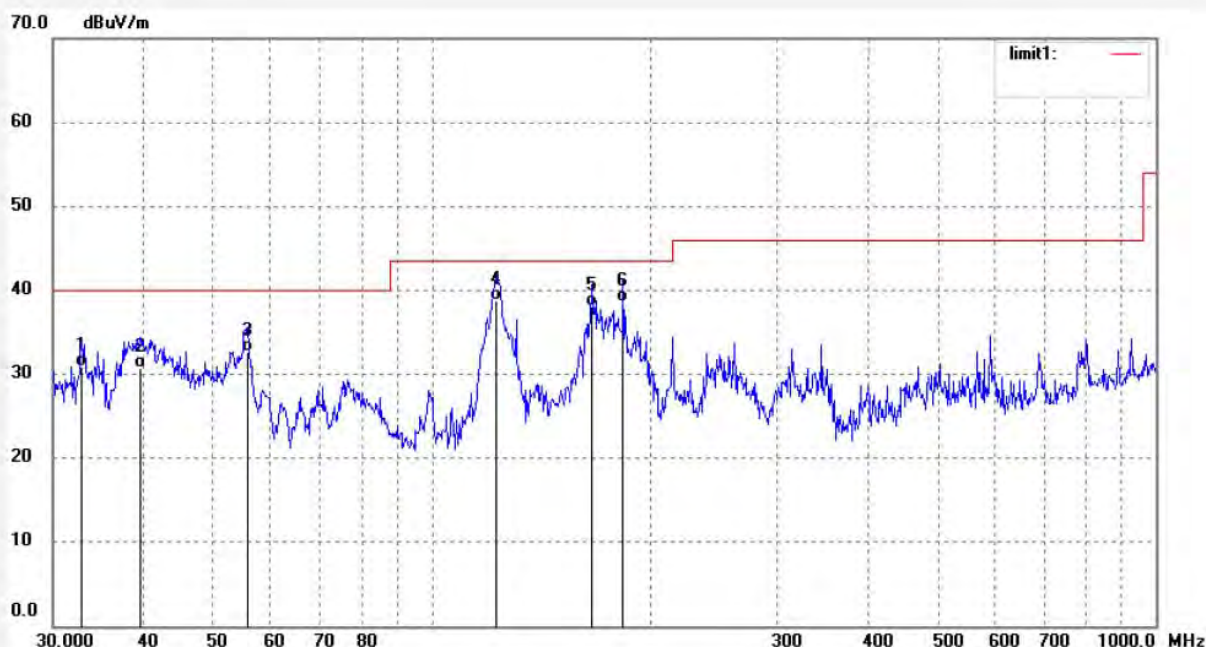
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Frank2017 #25
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: VGA IN
Model: ST-750U
Manufacturer: Recordex USA,Inc.

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 17/06/09/
Time: 12/01/42
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20170892



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.8637	41.12	-10.21	30.91	40.00	-9.09	QP			
2	39.8541	42.12	-11.49	30.63	40.00	-9.37	QP			
3	55.8046	45.76	-13.10	32.66	40.00	-7.34	QP			
4	123.2655	52.13	-13.43	38.70	43.50	-4.80	QP			
5	166.6513	52.12	-14.07	38.05	43.50	-5.45	QP			
6	183.8439	51.24	-12.73	38.51	43.50	-4.99	QP			



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Site: 2# Chamber

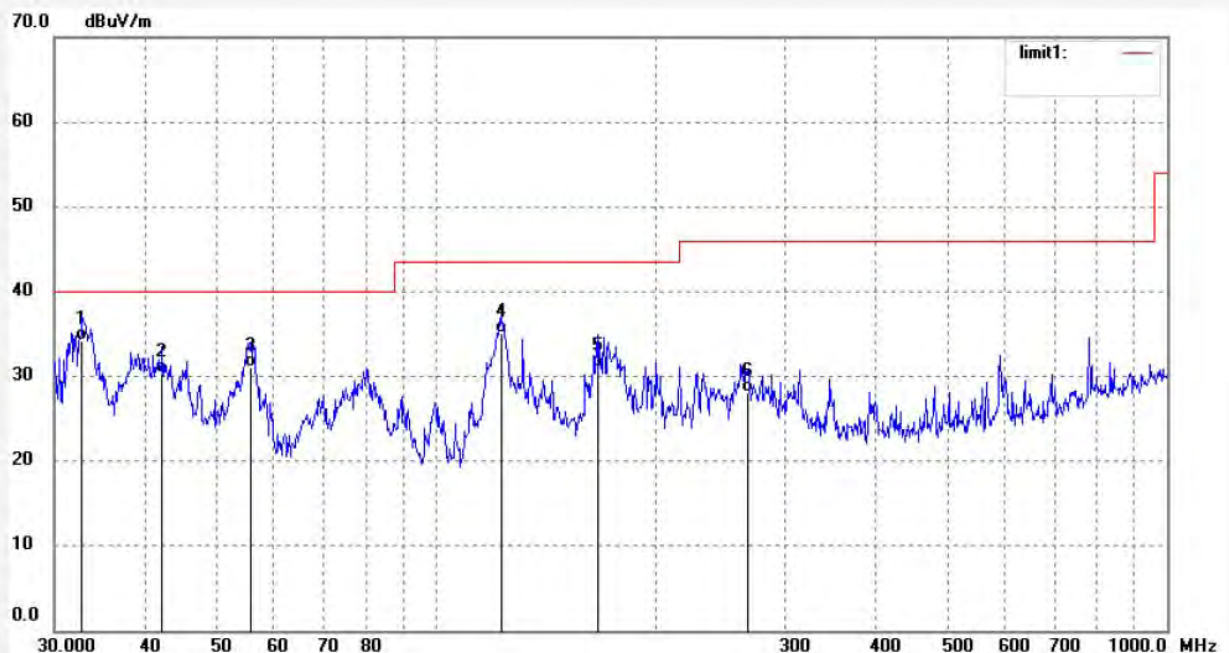
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Frank2017 #26
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: DP IN
Model: ST-750U
Manufacturer: Recordex USA,Inc.

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 17/06/09/
Time: 12/10/59
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20170892



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.7486	44.45	-10.20	34.25	40.00	-5.75	QP			
2	42.1542	42.38	-12.01	30.37	40.00	-9.63	QP			
3	55.6094	44.13	-13.06	31.07	40.00	-8.93	QP			
4	122.8340	48.45	-13.37	35.08	43.50	-8.42	QP			
5	166.6513	45.12	-14.07	31.05	43.50	-12.45	QP			
6	266.6089	38.12	-10.11	28.01	46.00	-17.99	QP			



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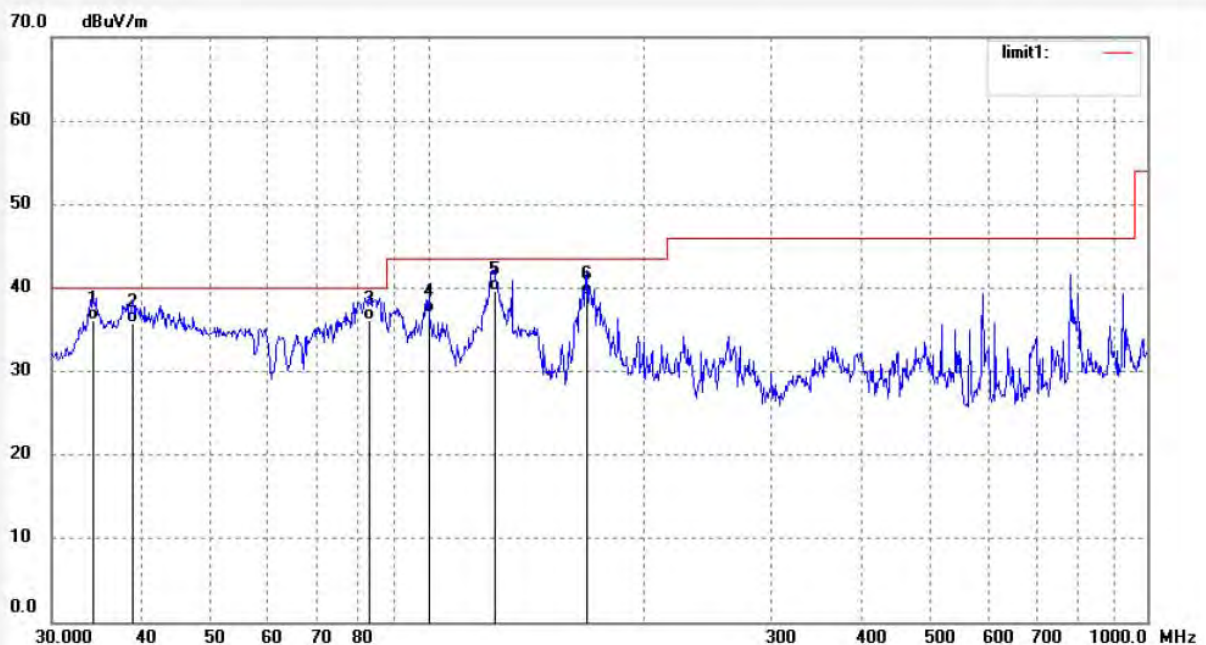
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Frank2017 #27
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: DP IN
Model: ST-750U
Manufacturer: Recordex USA,Inc.

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 17/06/09/
Time: 12/21/14
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20170892



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	34.2760	46.31	-10.20	36.11	40.00	-3.89	QP			
2	38.8878	47.15	-11.29	35.86	40.00	-4.14	QP			
3	82.9385	51.88	-15.80	36.08	40.00	-3.92	QP			
4	100.2286	50.11	-13.09	37.02	43.50	-6.48	QP			
5	123.6984	53.12	-13.48	39.64	43.50	-3.86	QP			
6	166.6512	53.15	-14.07	39.08	43.50	-4.42	QP			



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Job No.: Frank2017 #28

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Interactive Flat Panel

Mode: HDMI IN

Model: ST-750U

Manufacturer: Recordex USA,Inc.

Polarization: Vertical

Power Source: AC 120V/60Hz

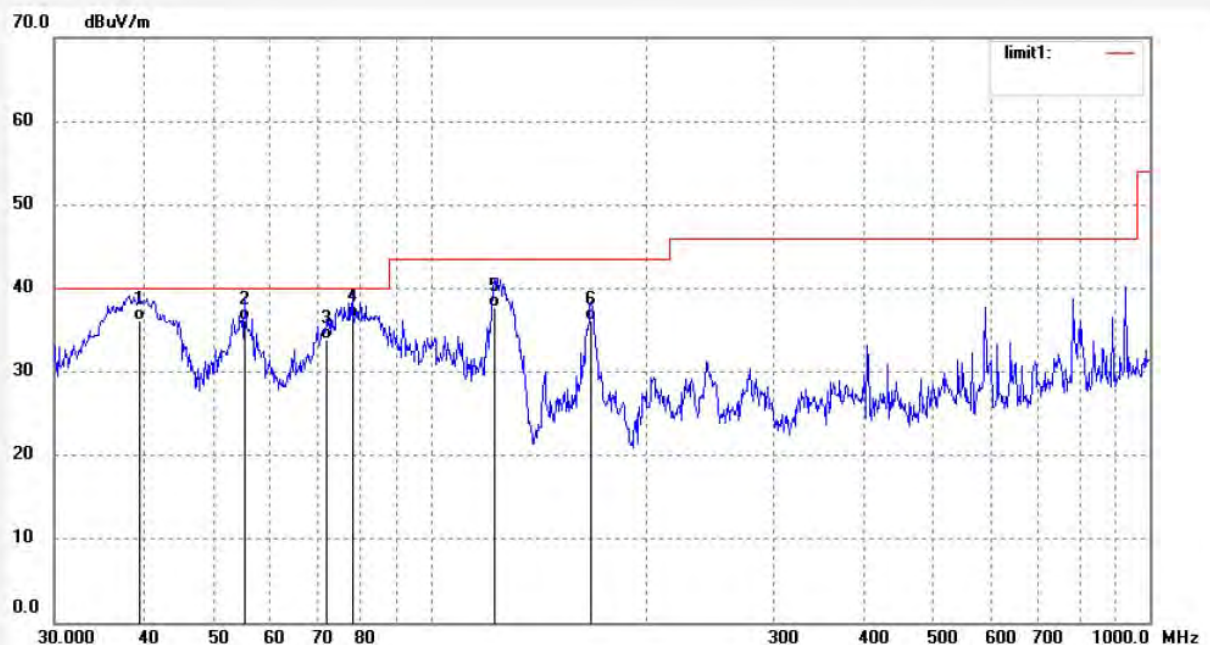
Date: 17/06/09/

Time: 12/30/08

Engineer Signature: Frank

Distance: 3m

Note: Report NO.:ATE20170892



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.4371	47.53	-11.40	36.13	40.00	-3.87	QP			
2	55.2207	49.12	-12.99	36.13	40.00	-3.87	QP			
3	71.8319	50.12	-16.30	33.82	40.00	-6.18	QP			
4	77.8653	53.01	-16.57	36.44	40.00	-3.56	QP			
5	122.8340	51.12	-13.37	37.75	43.50	-5.75	QP			
6	167.2366	50.12	-13.97	36.15	43.50	-7.35	QP			



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Site: 2# Chamber

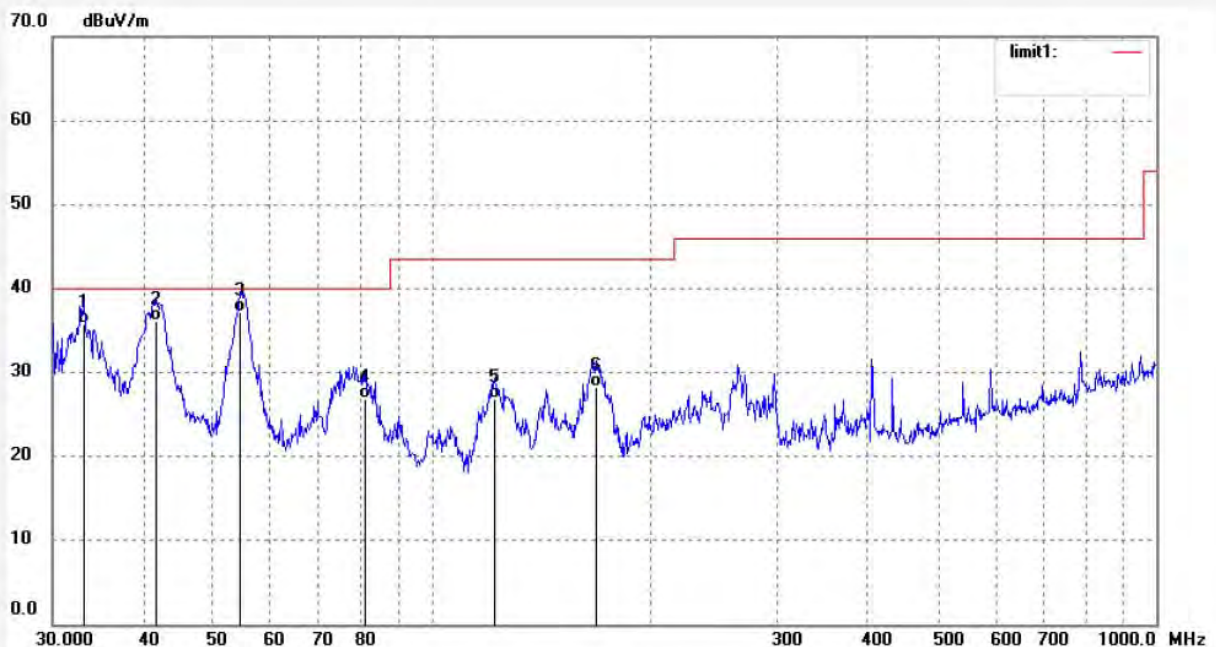
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Frank2017 #29
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Interactive Flat Panel
Mode: HDMI IN
Model: ST-750U
Manufacturer: Recordex USA,Inc.

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 17/06/09/
Time: 12/41/33
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20170892



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	33.2111	46.12	-10.25	35.87	40.00	-4.13	QP			
2	41.7129	48.10	-11.91	36.19	40.00	-3.81	QP			
3	54.4515	50.12	-12.91	37.21	40.00	-2.79	QP			
4	80.9274	43.12	-16.26	26.86	40.00	-13.14	QP			
5	121.9753	40.12	-13.29	26.83	43.50	-16.67	QP			
6	168.4138	42.13	-13.79	28.34	43.50	-15.16	QP			