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FCC TEST REPORT

for

Xiamen Prima Technology Inc.

Interactive Flat Panel

Model No.: LE-70PC**(* can be A \sim Z, 0 \sim 9 instead)

FCC ID: 2ADID-LE-70PC88

Prepared for : Xiamen Prima Technology Inc.

Address : No.178, Xinfeng Road, Xiamen, Fujian, P.R. China

Prepared by : Accurate Technology Co., Ltd.

Address : F1, Bldg. A&D, Changyuan New Material Port, Keyuan Rd.,

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Report No. : ATE20160589

Date of Test : Apr 08, 2016--Apr 26, 2016

Date of Report : Apr 27, 2016

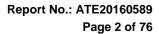




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Test Report

Applicant : Xiamen Prima Technology Inc.

Manufacturer : Xiamen Prima Technology Inc.

EUT Description: Interactive Flat Panel

Model No. : LE-70PC**(* can be $A \sim Z$, $0 \sim 9$ instead)

Trade Name : PRIMA

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:	Apr 08, 2016Apr 26, 2016
Date of Report:	Apr 27, 2016
Prepared by :	(Tim.zhang, Engineer)
Approved & Authorized Signer :	Lemb
	(Sean Liu, Manager)



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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



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2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Product : Interactive Flat Panel

Model No. : LE-70PC**(* can be $A\sim Z$, $0\sim 9$ instead)

Test Voltage : INPUT: AC 100--240V~50/60Hz 2.9A

Trade Name : PRIMA

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 : Xiamen Prima Technology Inc.

Address : No.178, Xinfeng Road, Xiamen, Fujian, P.R. China

Manufacturer : Xiamen Prima Technology Inc.

Address : No.178, Xinfeng Road, Xiamen, Fujian, P.R. China

Date of sample receiver: Apr 08, 2016

Date of Test : Apr 08, 2016--Apr 26, 2016

2.2. Accessory and Auxiliary Equipment

PC : Manufacturer: DELL

M/N: DMC S/N: HZXLM1

media player : Manufacturer: TOSHIBA

M/N: STOR.E TV+ S/N: 101200005

USB Memory Disk : Manufacturer:

Smartocean M/N: 3611



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2.3. Description of Test Facility

EMC Lab : Accredited by TUV Rheinland Shenzhen

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 = 2.23dB, k=2

Power Disturbance Expanded Uncertainty = 2.92 dB, k=2

Radiated emission expanded uncertainty = 3.08dB, k=2

(9kHz-30MHz)

Radiated emission expanded uncertainty = 4.42dB, k=2

(30MHz-1000MHz)

Radiated emission expanded uncertainty = 4.06dB, k=2

(Above 1GHz)





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3. MEASURING DEVICE AND TEST EQUIPMENT

3.1. For Radiated Emission Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.
iteiii	Equipment	Iviariulaciulei	Model No.	Seriai No.	Lasi Cai.	Interval
1.	Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan.09, 2016	1 Year
2.	Spectrum Analyzer		FSV40	101495	Jan.09, 2016	1 Year
3.	Test Receiver		ESCS30	100307	Jan.09, 2016	1 Year
4.	Test Receiver	Rohde& Schwarz		100396/003	Jan.09, 2016	1 Year
5.	Test Receiver	Rohde& Schwarz		101526/003	Jan.09, 2016	1 Year
6.	Test Receiver	Rohde& Schwarz		101817	Jan.09, 2016	1 Year
7.	Bilog Antenna	Schwarzbeck	VULB9163	9163-194	Jan.14, 2016	1 Year
8.	Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan.14, 2016	1 Year
9.	LogPer.Antenna	Schwarzbeck	VUSLP	9111B-074	Jan.14, 2016	1 Year
9.	LogPer.Amenna	Scriwarzbeck	9111B	91116-074	Jan. 14, 2016	i i eai
10.	Biconical Broad	Schwarzbeck	VHBB	9124-617	Jan.14, 2016	1 Year
	Band Antenna		9124+BBA 9106			
11.	Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan.14, 2016	1 Year
12.	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan.14, 2016	1 Year
13.	Horn Antenna	Schwarzbeck	BBHA9120D	<u> </u>	Jan.14, 2016	1 Year
14.	Vertical Active	Schwarzbeck	VAMP 9243	9243-370	Jan.14, 2016	1 Year
	Monopole Antenna				,	
15.	RF Switching	Compliance	RSU-M2	38322	Jan.09, 2016	1 Year
	Unit+PreAMP	Direction			·	
16.	Pre-Amplifier	Agilent	8447D	294A10619	Jan.09, 2016	1 Year
17.	Pre-Amplifier	Rohde&Schwarz	CBLU11835	3791	Jan.09, 2016	1 Year
			40-01			
18.	50 Coaxial Switch	Anritsu Corp	MP59B	6200237248	Jan.09, 2016	1 Year
19.	50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	Jan.09, 2016	1 Year
20.	RF Coaxial Cable	Schwarzbeck	N-5m	No.1	Jan.09, 2016	1 Year
21.	RF Coaxial Cable	Schwarzbeck	N-1m	No.6	Jan.09, 2016	1 Year
22.	RF Coaxial Cable	Schwarzbeck	N-1m	No.7	Jan.09, 2016	1 Year
23.	RF Coaxial Cable	SUHNER	N-3m	No.8	Jan.09, 2016	1 Year
24.	RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	Jan.09, 2016	1 Year
25.	RF Coaxial Cable	SUHNER	N-6m	No.10	Jan.09, 2016	1 Year
26.	RF Coaxial Cable	RESENBERGER	N-12m	No.11	Jan.09, 2016	1 Year
27.	RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	Jan.09, 2016	1 Year
28.	RF Coaxial Cable	SUHNER	N-2m	No.13	Jan.09, 2016	1 Year
29.	RF Coaxial Cable	SUHNER	N-0.5m	No.15	Jan.09, 2016	1 Year
30.	RF Coaxial Cable	SUHNER	N-2m	No.16	Jan.09, 2016	1 Year
31.	RF Coaxial Cable	RESENBERGER	N-6m	No.17	Jan.09, 2016	1 Year
_				· · · · · · · · · · · · · · · · · · ·		



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

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.
	_ 40.5	manacara.		Sorial 1101	_ast san	Interval
1.	Test Receiver	Rohde & Schwarz	ESCS30	100307	Jan.09, 2016	1 Year
2.	Test Receiver	Rohde & Schwarz		100396/003	Jan.09, 2016	1 Year
3.	Test Receiver	Rohde & Schwarz		101526/003	Jan.09, 2016	1 Year
4.	L.I.S.N.	Schwarzbeck	NLSK8126	8126431	Jan.09, 2016	1 Year
5.	L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100305	Jan.09, 2016	1 Year
6.	L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100310	Jan.09, 2016	1 Year
7.	L.I.S.N.	Rohde & Schwarz	ESH3-Z6	100132	Jan.09, 2016	1 Year
8.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100305	Jan.09, 2016	1 Year
9.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100312	Jan.09, 2016	1 Year
10.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	Jan.09, 2016	1 Year
11.	50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283936	Jan.09, 2016	1 Year
12.	50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	Jan.09, 2016	1 Year
13.	50Ω Coaxial Switch	Anritsu Corp	MP59B	6200506474	Jan.09, 2016	1 Year
14.	VOLTAGE PROBE	Schwarzbeck	TK9416	N/A	Jan.09, 2016	1 Year
15.	RF CURRENT PROBE	Rohde & Schwarz	EZ-17	100048	Jan.09, 2016	1 Year
16.	8-Wire Impedance Stabilisation Network	Schwarzbeck	CAT5 8158	8158-0035	Jan.09, 2016	1 Year
17.	RF Coaxial Cable	SUHNER	N-2m	No.2	Jan.09, 2016	1 Year
18.	RF Coaxial Cable	SUHNER	N-2m	No.3	Jan.09, 2016	1 Year
19.	RF Coaxial Cable	SUHNER	N-2m	No.14	Jan.09, 2016	1 Year
Expa	nded Uncertainty:	U= 2.23dB, k=2				

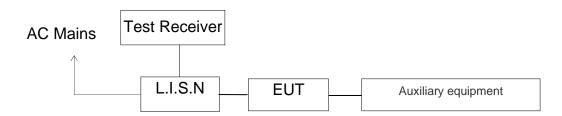




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4. POWER LINE CONDUCTED MEASUREMENT

4.1. Block Diagram of Test Setup



(EUT: Interactive Flat Panel)

4.2. Test mode description

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

4.3. Power Line Conducted Emission Measurement Limits

Frequency	Limit dB(μV)				
(MHz)	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.

4.4.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.



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4.5. Operating Condition of EUT

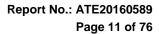
- 4.5.1. Setup the EUT and simulator as shown as Section 4.1.
- 4.5.2. Turn on the power of all equipment.
- 4.5.3.Let the EUT work in test mode and measure it.

4.6.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 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.



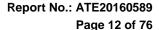


4.7. Power Line Conducted Emission Measurement Results

PASS.

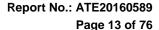
The frequency range from 150kHz to 30MHz is checked.

Test mode : USI Test voltage : 12							
MEASUREMENT			C88019	_fin"			
2016-4-11 9:4 Frequency MHz	_	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.254000 2.774000 17.961500	46.10 34.80 33.10	10.8 11.7 11.9	62 56 60			L1 L1 L1	GND GND GND
MEASUREMENT	RESULT	"FCCP	C88019	_fin2"			
2016-4-11 9:4 Frequency MHz	_		Limit dBµV	Margin dB	Detector	Line	PE
0.256000 2.855000 17.462000	36.90 29.80 25.20	10.9 11.7 11.9	52 46 50	14.7 16.2 24.8	AV	L1 L1 L1	GND GND GND
MEASUREMENT	RESULT	: "FCCP	C88020	_fin"			
2016-4-11 9:4							
Frequency MHz	Level dBµV		Limit dBµV	Margin dB	Detector	Line	PE
0.252000 2.742500 18.231500	45.70 35.50 34.30	10.8 11.7 11.9	62 56 60		ÕР	N N N	GND GND GND
MEASUREMENT	RESULT	: "FCCP	C88020	_fin2"			
2016-4-11 9:4 Frequency MHz		Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.184000 2.850500 16.872500	40.70 31.50 26.00	10.5 11.7 11.9	54 46 50		AV AV AV	N N N	GND GND GND



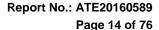


Test mode: AV IN Test voltage: 120V/60Hz MEASUREMENT RESULT: "FCCPC88017 fin" 2016-4-11 9:38 Frequency Level Transd Limit Margin Detector Line PE dΒμV dBuV MHz dB dB 0.258000 45.80 10.9 62 15.7 QP GND 34.40 11.7 2.378000 56 21.6 QP N GND 17.475500 34.90 60 11.9 25.1 QP N GND MEASUREMENT RESULT: "FCCPC88017 fin2" 2016-4-11 9:38 Frequency Level Transd Limit Margin Detector Line PΕ MHz dBµV dB dBuV dΒ 36.30 10.9 31.30 11.7 26.70 11 0 51 15.1 AV 46 14.7 AV 0.260000 Ν GND 2.850500 Ν GND 50 17.187500 23.3 AV GND Ν MEASUREMENT RESULT: "FCCPC88018 fin" 2016-4-11 9:41 Frequency Level Transd Limit Margin Detector Line PE dBuV dB dBuV dB MHz 63 25.6 QP 56 21.3 OP 37.60 34.70 33 10 10.7 11.7 11 ° 0.210000 L1GND 2.495000 L1 21.3 QP GND 17.858000 60 26.9 QP L1 GND MEASUREMENT RESULT: "FCCPC88018 fin2" 2016-4-11 9:41 Level Transd Limit Margin Detector Line PE Frequency MHz dBµV dB dBµV dB 29.50 10.7 53 23.5 AV 0.214000 L1GND 11.7 30.40 46 15.6 AV L1 2.846000 GND 5.361500 26.40 11.8 50 23.6 ΑV T.1 GND



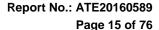


Test mode: VGA IN Test voltage: 120V/60Hz MEASUREMENT RESULT: "FCCPC88014 fin" 2016-4-11 9:30 Frequency Level Transd Limit Margin Detector Line PE MHz dΒμV dB dBuV dB 0.256000 46.20 10.9 1.056000 29.70 11.6 18.164000 32.30 11.9 62 15.4 QP 56 26.3 QP L1GND L1 GND 18.164000 60 27.7 QP L1 GND MEASUREMENT RESULT: "FCCPC88014 fin2" 2016-4-11 9:30 Frequency Level Transd Limit Margin Detector Line PE MHz dBµV dB dBµV dB 35.70 11.5 46 10.3 AV 28.40 11.6 46 17.6 AV 24.80 11.9 50 25.2 AV 0.694000 L1 GND L1 1.388000 GND 17.543000 L1 GND MEASUREMENT RESULT: "FCCPC88013 fin" 2016-4-11 9:28 Frequency Level Transd Limit Margin Detector Line PE MHz dBµV dB dBµV dB 46.10 10.8 62 15.5 QP 32.70 11.6 56 23.3 QP 34.40 11.9 60 25.6 QP N N 0.254000 GND 1.040000 23.3 QP GND 17.831000 N GND MEASUREMENT RESULT: "FCCPC88013 fin2" 2016-4-11 9:28 Frequency Level Transd Limit Margin Detector Line PE MHz dBμV dB dBμV dB 46 36.10 11.5 9.9 AV 0.694000 N GND 46 28.70 11.6 17.3 AV 1.388000 GND N 17.444000 26.90 11.9 50 23.1 ΑV N GND



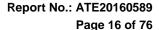


Test mode: DP IN Test voltage: 120V/60Hz MEASUREMENT RESULT: "FCCPC88016 fin" 2016-4-11 9:35 Frequency Level Transd Limit Margin Detector Line PE dΒμV dB dBuV dB MHz 46.10 10.9 0.256000 62 15.5 QP GND 32.20 11.6 34.10 11.9 56 23.8 QP GND 1.034000 N 60 25.9 QP 18.227000 N GND MEASUREMENT RESULT: "FCCPC88016 fin2" 2016-4-11 9:35 Frequency Level Transd Limit Margin Detector Line PF. MHzdBuV dB dBuV dB 36.10 11.5 46 9.9 AV 29.00 11.6 46 17.0 AV 25.10 11.9 50 24.9 AV 0.694000 Ν GND 1.388000 GND N 16.598000 GND N MEASUREMENT RESULT: "FCCPC88015 fin" 2016-4-11 9:33 Frequency Level Transd Limit Margin Detector Line PE MHz dBuV dB dBuV dΒ 15.3 QP 25.1 QP 27.4 0-L1 46.30 10.9 62 30.90 11.6 56 32.60 11.9 60 0.256000 GND 1.032000 L1 GND 18.119000 L1 GND MEASUREMENT RESULT: "FCCPC88015 fin2" 2016-4-11 9:33 Frequency Level Transd Limit Margin Detector Line MHz dBµV dB dBuV dB 10.3 AV 11.5 0.694000 35.70 46 L1GND 11.6 17.5 AV 1.388000 28.50 46 L1 GND 17.345000 24.80 11.9 50 25.2 ΑV L1 GND



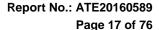


Test mode: HDMI IN Test voltage: 120V/60Hz MEASUREMENT RESULT: "FCCPC88011 fin" 2016-4-11 9:23 Frequency Level Transd Limit Margin Detector Line PE MHz dΒμV dB dBuV dB 38.00 11.5 32.60 11.6 34.50 11.9 56 18.0 QP 56 23.4 QP 0.756000 L1GND 1.046000 L1 GND 60 25.5 QP 17.966000 L1 GND MEASUREMENT RESULT: "FCCPC88011 fin2" 2016-4-11 9:23 Frequency Level Transd Limit Margin Detector Line PE dBuV dB dBuV MHzdΒ 36.10 11.5 46 9.9 AV 28.50 11.6 46 17.5 AV 27.20 11.9 50 22.8 AV L1 0.694000 GND 1.388000 L1 GND 17.484500 22.8 AV Ь1 GND MEASUREMENT RESULT: "FCCPC88012 fin" 2016-4-11 9:25 Frequency Level Transd Limit Margin Detector Line PE MHz dBµV dB dBµV dΒ 46.10 10.9 62 15.5 QP 31.70 11.6 56 24.3 QP 34.10 11.9 60 25.9 QP N N 0.256000 GND 1.282000 GND 17.948000 N GND MEASUREMENT RESULT: "FCCPC88012 fin2" 2016-4-11 9:25 Frequency Level Transd Limit Margin Detector Line PE dBμV dB dBμV dB MHz 11.5 46 11.6 46 11.9 50 36.10 9.9 AV 0.694000 N GND 1.388000 17.5 AV 24.0 AV 28.50 Ν GND 26.00 16.760000 N GND



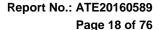


Test mode: USB IN Test voltage: 240V/60Hz MEASUREMENT RESULT: "FCCPC88001 fin" 2016-4-11 8:59 Frequency Level Transd Limit Margin Detector Line PE MHz dΒμV dB dBuV dB 0.522000 41.60 11.5 1.104000 31.00 11.6 18.506000 32.40 11.9 56 14.4 QP 56 25.0 QP 0.522000 N GND N GND 60 18.506000 27.6 QP N GND MEASUREMENT RESULT: "FCCPC88001 fin2" 2016-4-11 8:59 Frequency Level Transd Limit Margin Detector Line PE MHz dBµV dB dBµV dB 31.20 11.3 47 16.1 AV 24.90 11.6 46 21.1 AV 24.40 11.9 50 25.6 AV 0.428000 N GND 0.982000 GND N 16.872500 24.40 N GND MEASUREMENT RESULT: "FCCPC88002 fin" 2016-4-11 9:01 Frequency Level Transd Limit Margin Detector Line PE MHz dBµV dB dBµV dΒ 40.60 11.5 56 15.4 QP 31.10 11.6 56 24.9 QP 34.90 11.9 60 25.1 QP L1 L1 0.550000 GND 1.034000 GND 17.921000 L1GND MEASUREMENT RESULT: "FCCPC88002 fin2" 2016-4-11 9:01 Level Transd Limit Margin Detector Line Frequency MHz dBµV dB dBµV 32.60 11.3 24.50 11.6 27.70 11.9 14.7 AV 0.428000 47 L1GND 21.5 AV 1.036000 46 L1GND 17.961500 50 22.3 ΑV L1GND



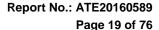


Test mode: AV IN Test voltage: 240V/60Hz MEASUREMENT RESULT: "FCCPC88004 fin" 2016-4-11 9:06 Frequency Level Transd Limit Margin Detector Line PΕ dBµV dB dBuV dB MHz 14.2 QP 56 0.530000 41.80 11.5 GND 35.70 11.7 34.90 11.8 3.152000 56 20.3 QP N N GND 4.970000 21.1 QP 56 GND 11.8 MEASUREMENT RESULT: "FCCPC88004 fin2" 2016-4-11 9:06 Frequency Level Transd Limit Margin Detector Line MHz dBµV dB dBuV dB 31.70 11.3 47 30.70 11.7 46 27.30 11.8 50 15.6 A. 15.3 AV 22.7 AV 0.426000 N GND N 3.260000 GND 5.150000 N GND MEASUREMENT RESULT: "FCCPC88003 fin" 2016-4-11 9:03 Frequency Level Transd Limit Margin Detector Line PE MHz dBµV dB dBµV dΒ 15.5 QP 25.7 QP 40.50 30.30 34.70 L1 11.5 56 11.6 56 11.9 60 0.552000 GND 1.028000 56 L1 GND 17.943500 11.9 60 25.3 QP L1GND MEASUREMENT RESULT: "FCCPC88003_fin2" 2016-4-11 9:03 Frequency Level Transd Limit Margin Detector Line PΕ MHz dBµV dB dBµV dB 11.5 46 11.7 46 11.9 50 15.8 AV 30.20 0.548000 L1 GND 2.387000 26.00 20.0 ΑV L1 GND 27.80 22.2 17.493500 ΑV L1GND





Test mode: VGA IN Test voltage: 240V/60Hz MEASUREMENT RESULT: "FCCPC88005 fin" 2016-4-11 9:09 Frequency Level Transd Limit Margin Detector Line PF. MHz dBµV dB dBuV dB 41.80 11.5 31.20 11.8 33.10 11.9 56 14.2 QP 56 24.8 QP 0.530000 Ν GND 4.857500 N GND 26.9 QP 17.835500 60 N GND MEASUREMENT RESULT: "FCCPC88005 fin2" 2016-4-11 9:09 Frequency Level Transd Limit Margin Detector Line MHz dBuV dB dBuV dB 35.80 11.5 46 10.2 AV 25.00 11.8 46 21.0 AV 25.80 11.9 50 24.2 AV 0.694000 N GND 4.857500 GND Ν 17.628500 GND N MEASUREMENT RESULT: "FCCPC88006 fin" 2016-4-11 9:11 Frequency Level Transd Limit Margin Detector Line PΕ MHz dBµV dB dBµV dΒ L1 14.9 QP 25.4 QP 41.10 11.5 56 30.60 11.8 56 35.10 11.9 60 0.550000 GND 4.434500 L1 GND 17.975000 24.9 OP L1GND MEASUREMENT RESULT: "FCCPC88006 fin2" 2016-4-11 9:11 Frequency Level Transd Limit Margin Detector Line PΕ MHz dΒμV dB dBµV dB 0.694000 36.30 11.5 46 9.7 AV L1GND 11.6 11.9 27.10 46 1.390000 18.9 ΑV L1GND 17.889500 27.90 50 22.1 ΑV L1GND





Test mode: DP IN Test voltage: 240V/60Hz MEASUREMENT RESULT: "FCCPC88008 fin" 2016-4-11 9:16 Frequency Level Transd Limit Margin Detector Line PΕ dΒμV dB dBµV dΒ MHz 0.540000 42.00 11.5 56 14.0 QP 56 24.3 QP GND 31.70 11.6 32.70 11.9 0.984000 N GND 17.822000 60 27.3 QP N GND MEASUREMENT RESULT: "FCCPC88008 fin2" 2016-4-11 9:16 Frequency Level Transd Limit Margin Detector Line dB dBuV dB dBuV MHz 46 10.2 AV 46 18.2 AV 50 24 F 35.80 11.5 46 27.80 11.6 46 25.50 11.9 50 0.694000 N GND 1.388000 N GND 17.822000 Ν GND MEASUREMENT RESULT: "FCCPC88007 fin" 2016-4-11 9:14 Frequency Level Transd Limit Margin Detector Line PΕ MHz dΒμV dB dBµV dΒ 14.9 QP 23.6 QP 41.10 11.5 56 32.40 11.6 56 35.00 11.9 60 0.552000 L1 L1 GND 1.046000 GND 25.0 QP 17.601500 L1GND MEASUREMENT RESULT: "FCCPC88007_fin2" 2016-4-11 9:14 Frequency Level Transd Limit Margin Detector Line PΕ dBμV dB dBμV dB MHz 11.5 46 11.6 46 11.9 50 0.694000 36.20 9.8 AV L1 GND 1.388000 28.20 17.8 AV L1 GND 27.30 22.7 17.817500 ΑV L1GND





Test mode: HDMI IN Test voltage: 240V/60Hz MEASUREMENT RESULT: "FCCPC88009 fin" 2016-4-11 9:18 Level Transd Limit Margin Detector Line Frequency PEdΒμV MHzdΒμV dB dΒ 0.548000 39.80 11.5 56 16.2 QΡ GND 1.100000 32.00 11.6 56 24.0 QΡ N GND 33.50 17.583500 11.9 60 26.5 QP N GND MEASUREMENT RESULT: "FCCPC88009 fin2" 2016-4-11 9:18 Level Transd Limit Margin Detector Line PΕ Frequency MHz dBµV dB dΒμV dΒ 35.70 11.5 28.00 11.6 0.694000 46 10.3 AV GND 1.388000 46 18.0 AV GND 17.318000 25.40 11.9 50 24.6 AV Ν GND MEASUREMENT RESULT: "FCCPC88010 fin" 2016-4-11 9:20 Frequency Level Transd Limit Margin Detector Line dBuV MHz dB dBuV 41.30 11.5 32.00 11.6 33.20 11.9 0.550000 56 14.7 QP L1GND 1.052000 56 24.0 QP L1 GND 18.924500 33.20 11.9 60 26.8 QP L1GND MEASUREMENT RESULT: "FCCPC88010 fin2" 2016-4-11 9:20 Frequency Level Transd Limit Margin Detector Line MHz dBµV dB dBµV dB 46 0.694000 36.20 11.5 9.8 AV L1GND 1.388000 11.6 46 L1 28.60 17.4 ΑV GND 22.8 17.363000 27.20 11.9 50 L1 GND ΑV

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

The spectral diagrams are attached as below.



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: USB IN

Test Site: 2#Shielding Room

Operator:

Test Specification: L 120V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 9:42:39

SCAN TABLE: "V 150K-30MHz fin" Short Description: _SUB_S

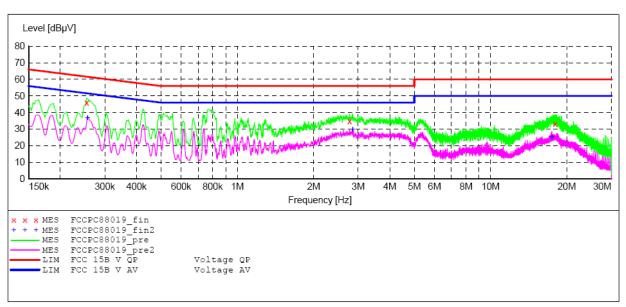
__SUB_STD_VTERM2 1.70

Stop Start Step Detector Meas. ΙF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88019 fin"

2	016-4-11 9:44	4						
	Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
	MHz	dΒμV	dB	dΒμV	dB			
	0.254000	46.10	10.8	62	15.5	QP	L1	GND
	2.774000	34.80	11.7	56	21.2	QP	L1	GND
	17.961500	33.10	11.9	60	26.9	QP	L1	GND

MEASUREMENT RESULT: "FCCPC88019 fin2"

2016-4-11 9:44 Frequency MHz				Margin dB	Detector	Line	PE
0.256000	36.90		52			L1	GND
2.855000 17.462000	29.80 25.20	11.7 11.9	46 50			L1 L1	GND GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: USB IN

2#Shielding Room Test Site:

Operator: star

Test Specification: N 120V/60Hz

Comment: Report No.:ATE20160589 Start of Test: 2016-4-11 / 9:45:07

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

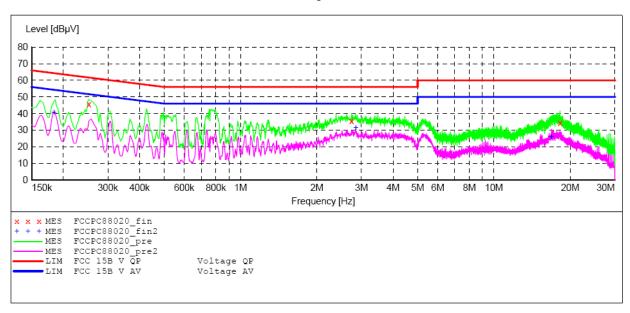
_SUB_STD_VTERM2 1.70 Short Description:

Stop Start Step Detector Meas. ΙF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88020 fin"

2	016-4-11 9:49	9						
	Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
	MHz	dΒμV	dB	dΒμV	dB			
	0.252000	45.70	10.8	62	16.0	QP	N	GND
	2.742500	35.50	11.7		20.5	QP	N	GND
	18.231500	34.30	11.9	60	25.7	QP	N	GND

MEASUREMENT RESULT: "FCCPC88020 fin2"

2016-4-11 9:49							
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.184000	40.70	10.5	54	13.6	AV	N	GND
2.850500	31.50	11.7	46	14.5	AV	N	GND
16.872500	26.00	11.9	50	24.0	AV	N	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: AV IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: L 120V/60Hz

Report No.: ATE20160589 Comment: Start of Test: 2016-4-11 / 9:39:18

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

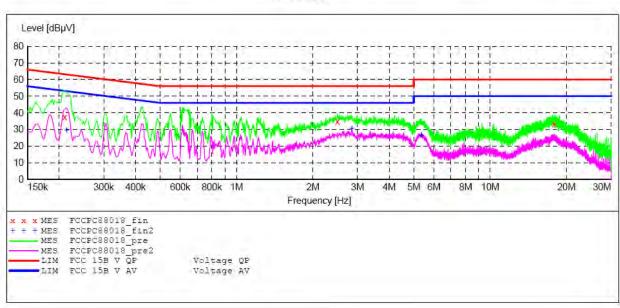
_SUB_STD_VTERM2 1.70 Short Description:

IF Transducer Step Stop Detector Meas.

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN(ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88018 fin"

2	016-4-11 9:4	1						
	Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
	0.210000	37.60	10.7	63	25.6	QP	L1	GND
	2.495000	34.70	11.7	56	21.3	QP	Ll	GND
	17.858000	33.10	11.9	60	26.9	QP	L1	GND

MEASUREMENT RESULT: "FCCPC88018 fin2"

2016-4-11 9:4	1						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
MHz	dBµV	dB	dBµV	dB			
0.214000	29.50	10.7	53	23.5	AV	L1	GND
2.846000	30.40	11.7	46	15.6	AV	Ll	GND
5.361500	26.40	11.8	50	23.6	AV	L1	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

Interactive Flat Panel M/N:LE-70PC88 EUT:

Manufacturer: Prima Operating Condition: AV IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: N 120V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 9:36:39

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

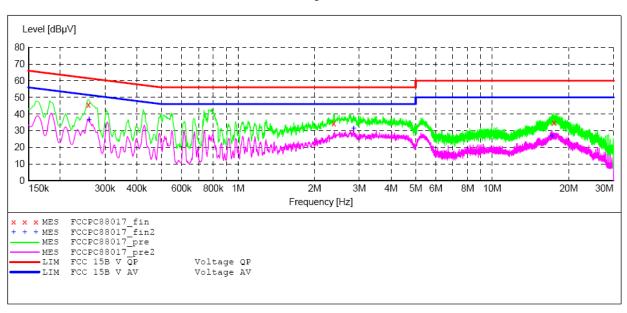
_SUB_STD_VTERM2 1.70 Short Description:

Detector Meas. IF Step Start Stop Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s LISN (ESH3-Z5) 9 kHz

Average



MEASUREMENT RESULT: "FCCPC88017 fin"

2	016-4-11 9:38	В						
	Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
	MHz	dΒμV	dB	dΒμV	dB			
	0.258000	45.80	10.9	62	15.7	QP	N	GND
	2.378000	34.40	11.7	56	21.6	QP	N	GND
	17.475500	34.90	11.9	60	25.1	QP	N	GND

MEASUREMENT RESULT: "FCCPC88017 fin2"

2016-4-11 9:38							
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.260000	36.30	10.9	51	15.1	AV	N	GND
2.850500	31.30	11.7	46	14.7	AV	N	GND
17.187500	26.70	11.9	50	23.3	AV	N	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: VGA IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: L 120V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 9:28:56

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

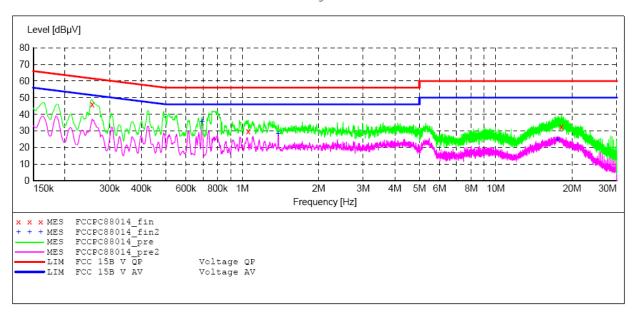
_SUB_STD_VTERM2 1.70 Short Description:

Step Detector Meas. ΙF Start Stop Transducer

Bandw. Time

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN(ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88014 fin"

2016-4-11	9:30						
Frequenc	cy Level	Transd	Limit	Margin	Detector	Line	PΕ
M	- Iz dΒμV	dB	dΒμV	dB			
	·						
0.25600	00 46.20	10.9	62	15.4	QP	L1	GND
1.05600	29.70	11.6	56	26.3	QP	L1	GND
18.16400	32.30	11.9	60	27.7	QP	L1	GND

MEASUREMENT RESULT: "FCCPC88014 fin2"

2016-4-11 9:30 Frequency MHz			Limit dBµV	Margin dB	Detector	Line	PE
0.694000 1.388000 17.543000	35.70 28.40 24.80	11.5 11.6 11.9			AV	L1 L1 L1	GND GND GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: VGA IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: N 120V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 9:26:22

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

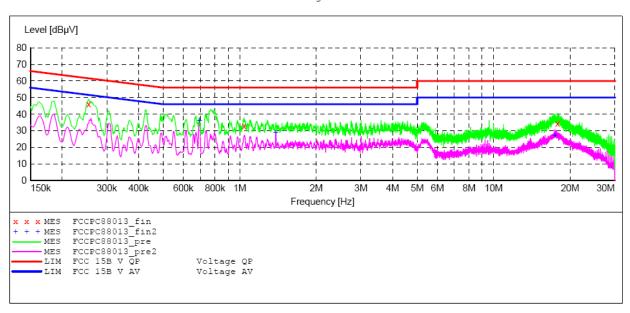
_SUB_STD_VTERM2 1.70 Short Description:

Step Detector Meas. Start Stop ΙF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88013 fin"

2016-4-11 9:28	3						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.254000	46.10	10.8	62	15.5	QP	N	GND
1.040000	32.70	11.6	56	23.3	QP	N	GND
17.831000	34.40	11.9	60	25.6	QP	N	GND

MEASUREMENT RESULT: "FCCPC88013 fin2"

2016-4-11 9:28	}						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.694000	36.10	11.5	46	9.9	AV	N	GND
1.388000	28.70	11.6	46	17.3	AV	N	GND
17.444000	26.90	11.9	50	23.1	AV	N	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: DP IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: L 120V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 9:31:18

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

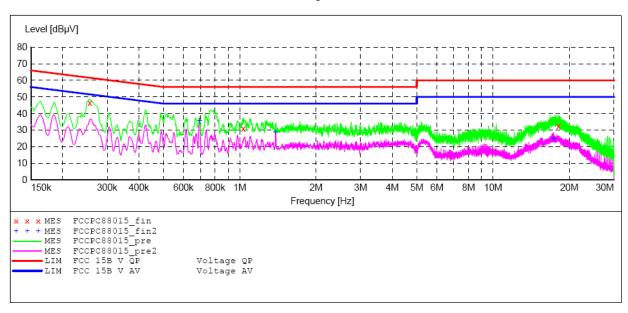
_SUB_STD_VTERM2 1.70 Short Description:

Step IF Start Stop Detector Meas. Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH QuasiPeak 1.0 s LISN (ESH3-Z5) 4.5 kHz 9 kHz

Average



MEASUREMENT RESULT: "FCCPC88015 fin"

Level	Transd	Limit	Margin	Detector	Line	PΕ
dΒμV	dB	dΒμV	dB			
46.30	10.9	62	15.3	QP	L1	GND
30.90	11.6	56	25.1	QP	L1	GND
32.60	11.9	60	27.4	QP	L1	GND
	dBμV 46.30 30.90	Level Transd dB dB d6.30 10.9 30.90 11.6	Level dBμV Transd dB dBμV Limit dBμV 46.30 10.9 62 30.90 11.6 56	Level dBμV Transd dB dBμV Limit dBμV Margin dB 46.30 10.9 62 15.3 30.90 11.6 56 25.1	Level dBμV Transd dB dBμV Limit dBμV Margin dB Detector dB 46.30 10.9 62 15.3 QP 30.90 11.6 56 25.1 QP	Level dBμV Transd dB μV Limit dBμV Margin dB Detector Line 46.30 10.9 62 15.3 QP L1 30.90 11.6 56 25.1 QP L1

MEASUREMENT RESULT: "FCCPC88015 fin2"

2016-4-11 9:3	33						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.694000	35.70	11.5	46	10.3	AV	L1	GND
1.388000	28.50	11.6	46	17.5	AV	L1	GND
17.345000	24.80	11.9	50	25.2	AV	L1	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: DP IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: N 120V/60Hz

Comment: Report No.:ATE20160589 2016-4-11 / 9:33:51 Start of Test:

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

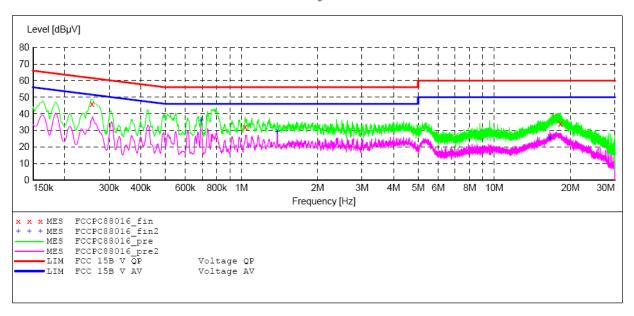
_SUB_STD_VTERM2 1.70 Short Description:

Stop Step Detector Meas. ΙF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88016 fin"

2016-4-11 9	:35						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dBµV	dB	dΒμV	dB			
0.256000	46.10	10.9	62	15.5	QP	N	GND
1.034000	32.20	11.6	56	23.8	QP	N	GND
18.227000	34.10	11.9	60	25.9	QP	N	GND

MEASUREMENT RESULT: "FCCPC88016 fin2"

2016-4-11 9:35	5						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.694000	36.10	11.5	46	9.9	AV	N	GND
1.388000	29.00	11.6	46	17.0	AV	N	GND
16.598000	25.10	11.9	50	24.9	AV	N	GND





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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: HDMI IN

2#Shielding Room Test Site:

Operator:

Test Specification: L 120V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 9:22:07

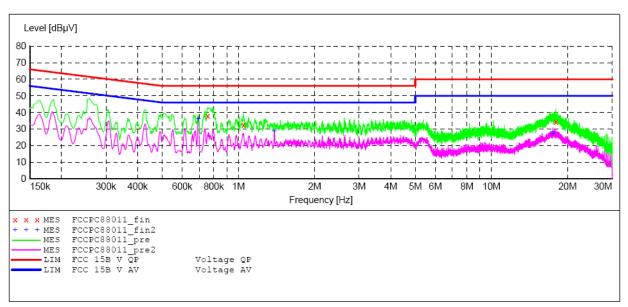
SCAN TABLE: "V 150K-30MHz fin" Short Description: _SUB_S __SUB_STD_VTERM2 1.70

Stop Start Step Detector Meas. ΙF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88011 fin"

201	.6-4-11 9:23	3						
	Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
	MHz	dΒμV	dB	dΒμV	dB			
	0.756000	38.00	11.5	56	18.0	QP	L1	GND
	1.046000	32.60	11.6	56	23.4	QP	L1	GND
	17.966000	34.50	11.9	60	25.5	QP	L1	GND

MEASUREMENT RESULT: "FCCPC88011 fin2"

2016-4-11 9:23 Frequency MHz			Limit dBµV	Margin dB	Detector	Line	PE
0.694000 1.388000	36.10 28.50	11.5	46 46	9.9 17.5		L1	GND GND
17.484500	27.20	11.0		22.8		L1	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: HDMI IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: N 120V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 9:24:20

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

_SUB_STD_VTERM2 1.70 Short Description:

Step Start Stop Detector Meas. ΙF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH QuasiPeak 1.0 s LISN (ESH3-Z5) 4.5 kHz 9 kHz

Average



MEASUREMENT RESULT: "FCCPC88012 fin"

2016-4-11 9:25							
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.256000	46.10	10.9	62	15.5	QP	N	GND
1.282000	31.70	11.6	56	24.3	QP	N	GND
17.948000	34.10	11.9	60	25.9	QP	N	GND

MEASUREMENT RESULT: "FCCPC88012 fin2"

2016-4-11 9:25							
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.694000	36.10	11.5	46	9.9	AV	N	GND
1.388000	28.50	11.6	46	17.5	AV	N	GND
16.760000	26.00	11.9	50	24.0	AV	N	GND





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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

Interactive Flat Panel M/N:LE-70PC88 EUT:

Manufacturer: Prima Operating Condition: USB IN

Test Site: 2#Shielding Room Operator: star

Test Specification: L 240V/60Hz Comment: Report No.: ATE20160589 Start of Test: 2016-4-11 / 9:00:13

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

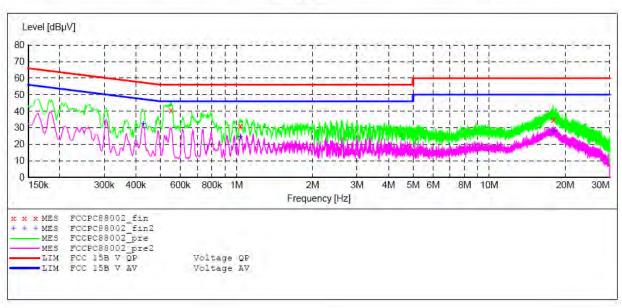
_SUB_STD_VTERM2 1.70 Short Description:

Step Start Stop Transducer

Detector Meas. IF Time Bandw. Frequency Frequency Width

150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN(ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88002 fin"

2016-4-11 9:0	1						
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.550000	40.60	11.5	56	15.4	QP	LI	GND
1.034000	31.10	11.6	56	24.9	QP	LI	GND
17.921000	34.90	11.9	60	25.1	QP	LI	GND

MEASUREMENT RESULT: "FCCPC88002 fin2"

2016-4-11 9:0	1						
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.428000	32.60	11.3	47	14.7	AV	LI	GND
1.036000	24.50	11.6	46	21.5	AV	LI	GND
17.961500	27.70	11.9	50	22.3	AV	LI	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: USB IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: N 240V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 8:56:48

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

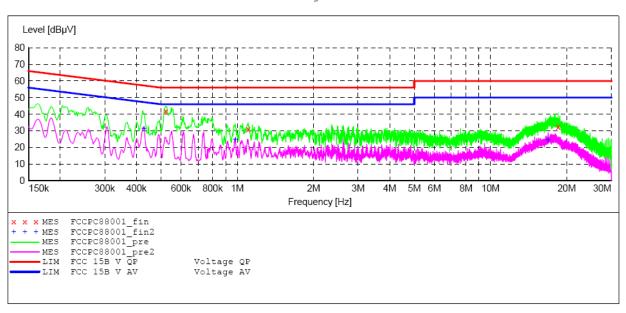
_SUB_STD_VTERM2 1.70 Short Description:

Step Detector Meas. IF Start Stop Transducer

Width Time Bandw.

Frequency Frequency 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88001 fin"

2016-4-11 8:59	9						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHZ	dBuV	dB	dBuV	dB			
0.522000	41.60	11.5	56	14.4	QP	N	GND
1.104000	31.00	11.6	56	25.0	ÕΡ	N	GND
18.506000	32.40	11.9	60	27.6	QP	N	GND

MEASUREMENT RESULT: "FCCPC88001 fin2"

2016-4-11 8:59 Frequency MHz				Margin dB	Detector	Line	PE
0.428000	31.20		47			N	GND
0.982000	24.90	11.6	46	21.1	AV	N	GND
16.872500	24.40	11.9	50	25.6	AV	N	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Prima Manufacturer: Operating Condition: AV IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: L 240V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 9:02:13

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

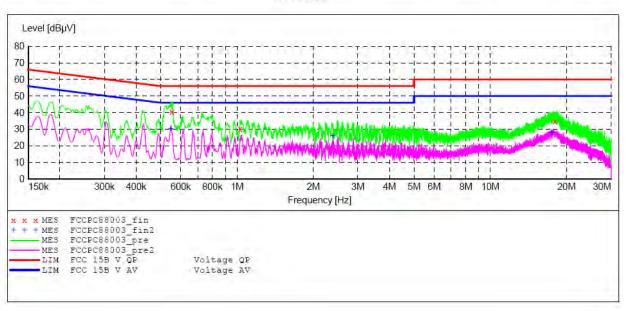
_SUB_STD_VTERM2 1.70 Short Description:

IF Start Stop Step Detector Meas. Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN(ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88003 fin"

20	016-4-11 9:0	3						
	Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
	0.552000	40.50	11.5	56	15.5	QP	L1	GND
	1.028000	30.30	11.6	56	25.7	QP	LI	GND
	17.943500	34.70	11.9	60	25.3	QP	Ll	GND

MEASUREMENT RESULT: "FCCPC88003 fin2"

2016-4-11 9:0	3						
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.548000	30.20	11.5	46	15.8	AV	LI	GND
2.387000	26.00	11.7	46	20.0	AV	LI	GND
17.493500	27.80	11.9	50	22.2	AV	Ll	GND





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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: AV IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: N 240V/60Hz

Report No.:ATE20160589 Comment: 2016-4-11 / 9:04:29 Start of Test:

SCAN TABLE: "V 150K-30MHz fin" Short Description: _SUB_S

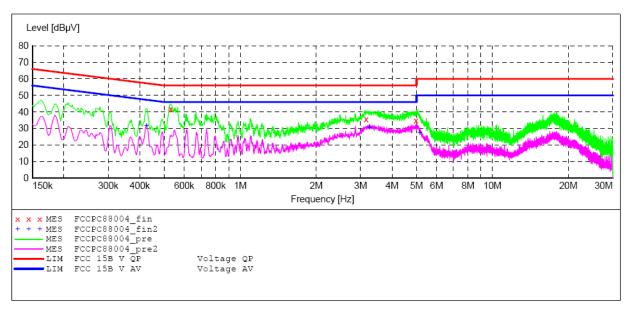
__SUB_STD_VTERM2 1.70

Stop Start Step Detector Meas. ΙF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz 9 kHz QuasiPeak 1.0 s LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88004 fin"

5						
Level	Transd	Limit	Margin	Detector	Line	PΕ
dBµV	dB	dBuV	dB			
41.80	11.5	56	14.2	QP	N	GND
35.70	11.7	56	20.3	ÕР	N	GND
34.90	11.8	56	21.1	ÕP	N	GND
	Level dBµV 41.80 35.70	Level Transd dBμV dB 41.80 11.5 35.70 11.7	Level Transd Limit dBμV dB dBμV 41.80 11.5 56 35.70 11.7 56	Level dBμV Transd dB dBμV Limit dBμ Margin dB 41.80 11.5 56 14.2 35.70 11.7 56 20.3	Level dBμV Transd dB dBμV Limit dB dBμV Margin dB Detector dB 41.80 11.5 56 14.2 QP 35.70 11.7 56 20.3 QP	Level dBμV Transd dB dBμV Limit dB

MEASUREMENT RESULT: "FCCPC88004 fin2"

2016-4-11 9:0)6						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.426000	31.70	11.3	47	15.6	AV	N	GND
3.260000	30.70	11.7	46	15.3	AV	N	GND
5.150000	27.30	11.8	50	22.7	AV	N	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: VGA IN

Test Site: 2#Shielding Room

Operator:

Test Specification: L 240V/60Hz

Report No.:ATE20160589 Comment: 2016-4-11 / 9:09:53 Start of Test:

SCAN TABLE: "V 150K-30MHz fin" Short Description: _SUB_S

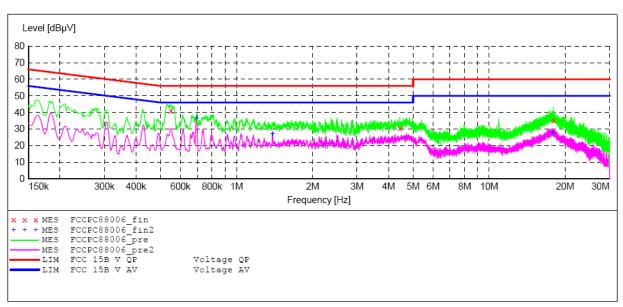
_SUB_STD_VTERM2 1.70

Stop Start Step Detector Meas. ΙF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88006 fin"

20	16-4-11 9:11							
	Frequency MHz	Level dBµV		Limit dBµV	Margin dB	Detector	Line	PE
	0.550000	41.10	11.5	56	14.9	QP	L1	GND
	4.434500	30.60	11.8	56	25.4	QP	L1	GND
	17.975000	35.10	11.9	60	24.9	QP	L1	GND

MEASUREMENT RESULT: "FCCPC88006 fin2"

2016-4-11 9	:11						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dBµV	dB	dΒμV	dB			
0.694000	36.30	11.5	46	9.7	AV	L1	GND
1.390000	27.10	11.6	46	18.9	AV	L1	GND
17.889500	27.90	11.9	50	22.1	AV	L1	GND





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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: VGA IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: N 240V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 9:07:45

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

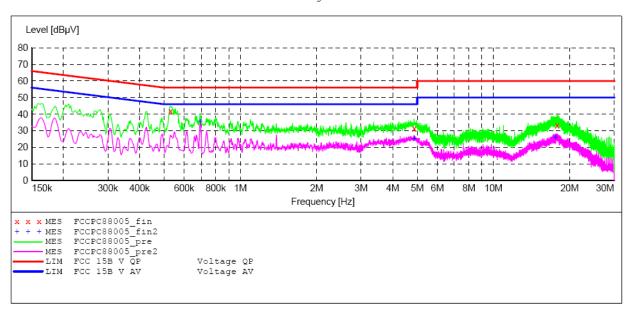
_SUB_STD_VTERM2 1.70 Short Description:

Step ΙF Stop Detector Meas. Transducer

Bandw. Time

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88005 fin"

2016-4-11 9:	09						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dBµV	dB	dBµV	dB			
0.530000	41.80	11.5	56	14.2	QP	N	GND
4.857500	31.20	11.8	56	24.8	QΡ	N	GND
17.835500	33.10	11.9	60	26.9	QP	N	GND

MEASUREMENT RESULT: "FCCPC88005 fin2"

2016-4-11 9:09							
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.694000	35.80	11.5	46	10.2	AV	N	GND
4.857500	25.00	11.8	46	21.0	AV	N	GND
17.628500	25.80	11.9	50	24.2	AV	N	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: DP IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: L 240V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 9:12:42

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

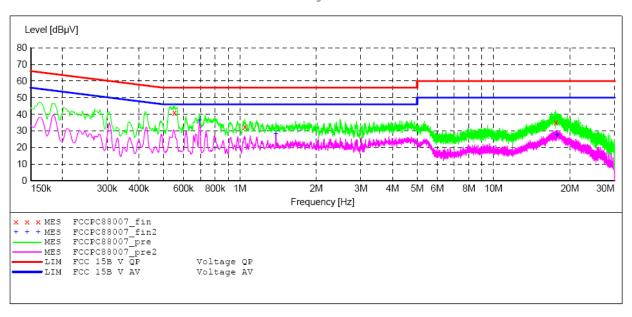
_SUB_STD_VTERM2 1.70 Short Description:

Step Detector Meas. ΙF Start Stop Transducer

Bandw. Time

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88007 fin"

20	16-4-11 9:14	4						
	Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
	MHz	dΒμV	dB	dΒμV	dB			
	0.552000	41.10	11.5	56	14.9	QP	L1	GND
	1.046000	32.40	11.6	56	23.6	QP	L1	GND
	17.601500	35.00	11.9	60	25.0	QP	L1	GND

MEASUREMENT RESULT: "FCCPC88007 fin2"

2016-4-11 9:14 Frequency MHz			Limit dBµV	Margin dB	Detector	Line	PE
0.694000 1.388000 17.817500	36.20 28.20 27.30	11.5 11.6 11.9	46 46 50	17.8	AV	L1 L1 L1	GND GND GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: DP IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: N 240V/60Hz

Comment: Report No.:ATE20160589 2016-4-11 / 9:14:53 Start of Test:

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

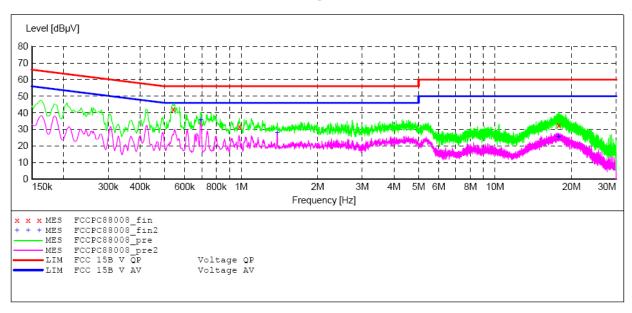
_____SUB_STD_VTERM2 1.70 Short Description:

Stop Step Detector Meas. ΙF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88008 fin"

2016-4-11 9:10	6						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
MHz	dBµV	dB	dΒμV	dB			
0.540000	42.00	11.5	56	14.0	QP	N	GND
0.984000	31.70	11.6	56	24.3	QP	N	GND
17.822000	32.70	11.9	60	27.3	QP	N	GND

MEASUREMENT RESULT: "FCCPC88008 fin2"

2016-4-11 9:16							
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.694000	35.80	11.5	46	10.2	AV	N	GND
1.388000	27.80	11.6	46	18.2	AV	N	GND
17.822000	25.50	11.9	50	24.5	AV	N	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: HDMI IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: L 240V/60Hz

Comment: Report No.:ATE20160589 2016-4-11 / 9:19:09 Start of Test:

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

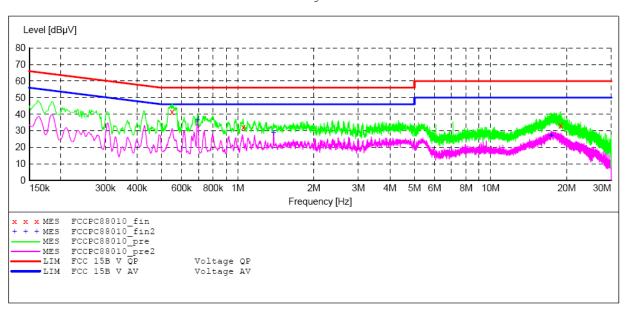
_SUB_STD_VTERM2 1.70 Short Description:

Stop Step Detector Meas. ΙF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "FCCPC88010 fin"

2016-4-11 9:2 Frequency MHz			Limit dBµV	Margin dB	Detector	Line	PE
0.550000 1.052000 18.924500	41.30 32.00 33.20	11.5 11.6 11.9	56	14.7 24.0 26.8	QР	L1 L1 L1	GND GND GND

MEASUREMENT RESULT: "FCCPC88010 fin2"

2016-4-11 9:20)						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.694000	36.20	11.5	46	9.8	AV	L1	GND
1.388000	28.60	11.6	46	17.4	AV	L1	GND
17.363000	27.20	11.9	50	22.8	AV	L1	GND



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ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Interactive Flat Panel M/N:LE-70PC88

Manufacturer: Prima Operating Condition: HDMI IN

Test Site: 2#Shielding Room

Operator: star

Test Specification: N 240V/60Hz

Report No.:ATE20160589 Comment: Start of Test: 2016-4-11 / 9:16:52

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

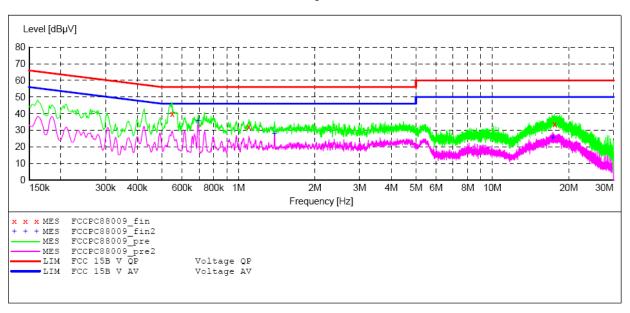
_SUB_STD_VTERM2 1.70 Short Description:

Start Stop Step Detector Meas. ΙF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kH 4.5 kHz QuasiPeak 1.0 s LISN (ESH3-Z5) 9 kHz

Average



MEASUREMENT RESULT: "FCCPC88009 fin"

2016-4-11 9:18	8						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PΕ
MHz	dΒμV	dB	dΒμV	dB			
0.548000	39.80	11.5	56	16.2	QP	N	GND
1.100000	32.00	11.6	56	24.0	ÕΡ	N	GND
17.583500	33.50	11.9	60	26.5	QP	N	GND

MEASUREMENT RESULT: "FCCPC88009 fin2"

2016-4-11	9:18						
Frequen	cy Leve	el Transc	l Limit	Margin	Detector	Line	PΕ
M	Hz dBp	ıV dE	3 dBµV	dB			
0.6940	00 35.7	0 11.5	46	10.3	AV	N	GND
1.3880	00 28.0	0 11.6	46	18.0	AV	N	GND
17.3180	00 25.4	0 11.9	50	24.6	AV	N	GND

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5. RADIATED EMISSION MEASUREMENT

5.1.Block Diagram of Test

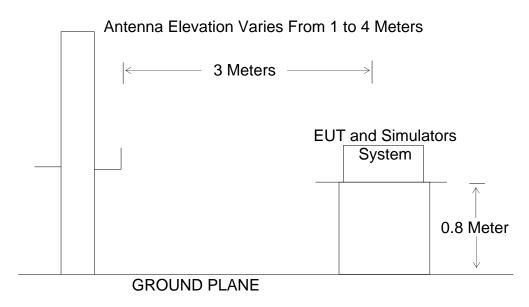
AC Mains

5.1.1.Block diagram of connection between the EUT and simulators



(EUT: Interactive Flat Panel)

5.1.2.Block diagram of test setup (In chamber)



5.2. Test mode description

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



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5.3.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	Distance	Field Stren	gths Limit
MHz	Meters	μV/m	dB(μV/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 $dB(\mu V) = 20 \log Emission level \mu V/m$.
- (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.

5.4.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.

5.4.1.Interactive Flat Panel (EUT)

Model Number: LE-70PC88

Manufacturer: Xiamen Prima Technology Inc.

5.5. Operating Condition of EUT

- 5.5.1. Setup the EUT and simulator as shown as Section 5.1
- 5.5.2. Turn on the power of all equipment.
- 5.5.3.Let the EUT work in test mode and measure it.





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5.6.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.

The frequency range from 30MHz to 6000MHz is checked. Note: The EUT highest operating frequency provided by Manufacturer is 1.2GHz, the radiated emission measurement shall be made up to 6 GHz.

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



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5.7. Radiated Emission Noise Measurement Result

PASS.

The frequency range from 30MHz to 6000MHz is investigated.

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

The spectral diagrams are attached as below.



Report No.: ATE20160589

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

Fax:+86-0755-26503396

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Below 1GHz



ACCURATE TECHNOLOGY CO., LTD.

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

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 12/25/47

Engineer Signature: star

Distance: 3m

Job No.: star2016 #573

Standard: FCC Class B 3M Radiated

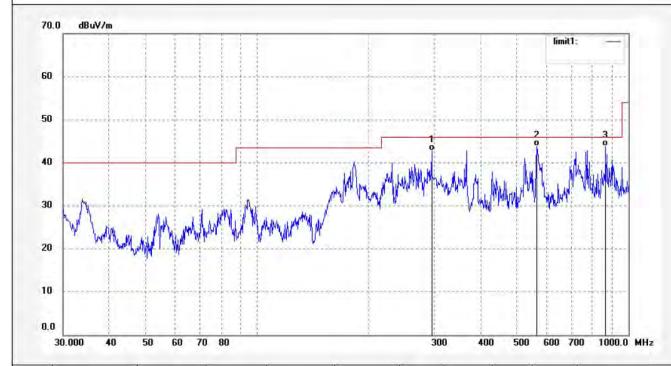
Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Mode: USB IN

Model: LE-70PC88

Manufacturer: Prima



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1_	295.4623	59.22	-16.35	42.87	46.00	-3.13	QP			
2	565.9776	54.64	-10.73	43.91	46.00	-2.09	QP			
3	868.8859	48.62	-4.72	43.90	46.00	-2.10	QP			





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

Page 46 of 76 Site: 1# Chamber Tel:+86-0755-26503290

Fax:+86-0755-26503396

Report No.: ATE20160589

Job No.: star2016 #574

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Mode: USB IN LE-70PC88 Model: Manufacturer: Prima

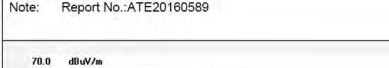
Note:

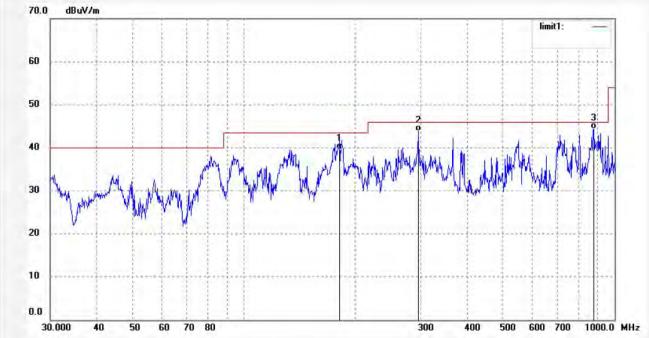
Vertical Polarization:

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 12/26/45

Engineer Signature: star





No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.3000	59.89	-20.20	39.69	43.50	-3.81	QP			
2	295.4623	60.12	-16.35	43.77	46.00	-2.23	QP			
3	881.1838	48.92	-4.49	44.43	46.00	-1.57	QP			





Manufacturer: Prima

ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Page 47 of 76 Site: 1# Chamber

Report No.: ATE20160589

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: star2016 #576 Polarization: Horizontal

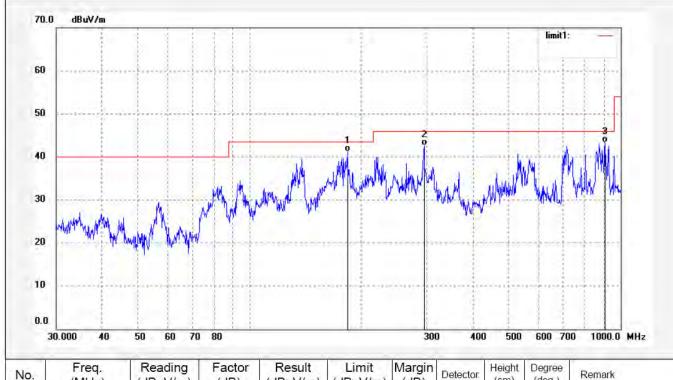
Standard: FCC Class B 3M Radiated Power Source: AC 120V/60Hz

 Test item:
 Radiation Test
 Date: 16/04/09/

 Temp.(C)/Hum.(%)
 25 C / 55 %
 Time: 12/28/24

EUT: Interactive Flat Panel Engineer Signature: star Mode: AV IN Distance: 3m

Model: LE-70PC88



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	183.2211	61.22	-20.03	41.19	43.50	-2.31	QP	1 -4			
2	295.4623	58.88	-16.35	42.53	46.00	-3.47	QP	1 1 1			
3	909.4941	47.38	-4.02	43.36	46.00	-2.64	QP		()	P.I.	





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Page 48 of 76
Site: 1# Chamber
Tel:+86-0755-26503290

Report No.: ATE20160589

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: star2016 #575

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Mode: AV IN
Model: LE-70PC88
Manufacturer: Prima

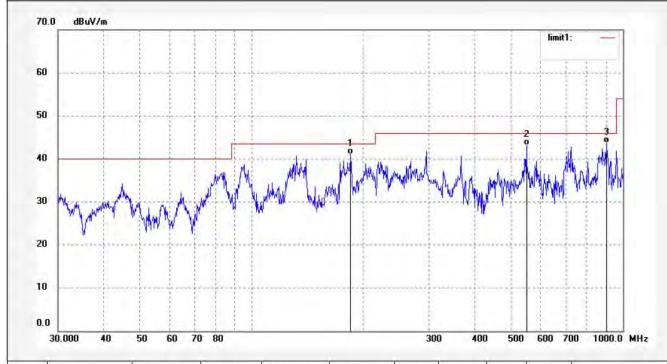
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 12/27/37

Engineer Signature: star

Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	184.5132	60.91	-19.90	41.01	43.50	-2.49	QP			
2	550.2902	54.28	-11.09	43.19	46.00	-2.81	QP			
3	903.1253	47.74	-4,11	43.63	46.00	-2,37	QP			





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Page 49 of 76

Site: 1# Chamber

Tel:+86-0755-26503200

Report No.: ATE20160589

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: star2016 #577

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Mode: VGA IN

Model: LE-70PC88

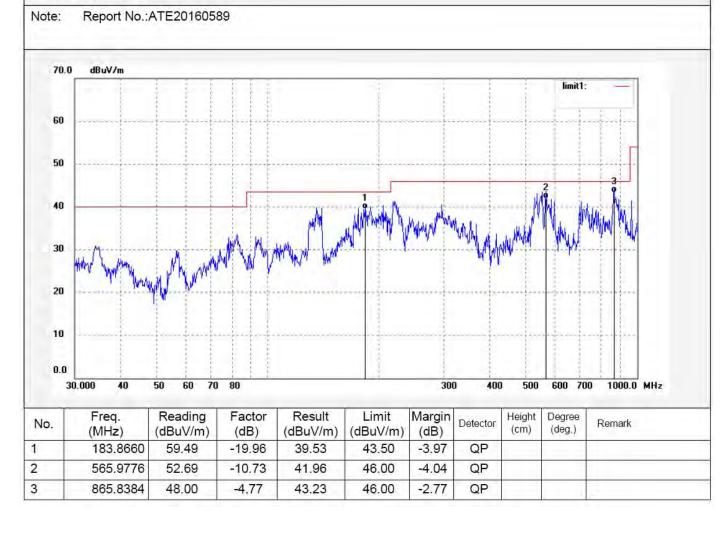
Manufacturer: Prima

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 12/30/01

Engineer Signature: star







F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

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Report No.: ATE20160589

Job No.: star2016 #578

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel

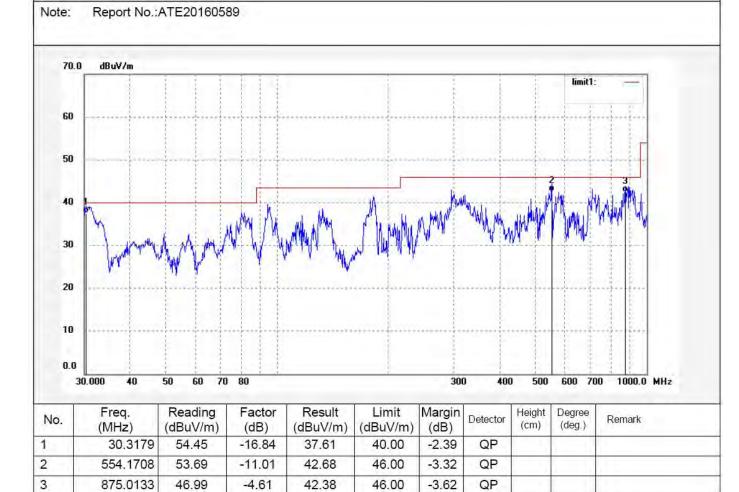
Mode: VGA IN
Model: LE-70PC88
Manufacturer: Prima

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 12/30/47

Engineer Signature: star







F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Page 51 of 76 Site: 1# Chamber

Report No.: ATE20160589

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: star2016 #580

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Report No.:ATE20160589

Mode: DP IN
Model: LE-70PC88
Manufacturer: Prima

Note:

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 12/33/05

Engineer Signature: star

Distance: 3m

70.0 dBu∀/m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	4
1	189.1076	59.79	-19.52	40.27	43.50	-3.23	QP	1 4-1	1 1 1		
2	548.3600	54.51	-11.14	43.37	46.00	-2.63	QP	-		7	
3	784.7129	49.06	-6.15	42.91	46.00	-3.09	QP	-		9	





Manufacturer: Prima

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Page 52 of 76 Site: 1# Chamber Tel:+86-0755-26503290

Fax:+86-0755-26503396

Report No.: ATE20160589

Job No.: star2016 #579 Polarization: Vertical

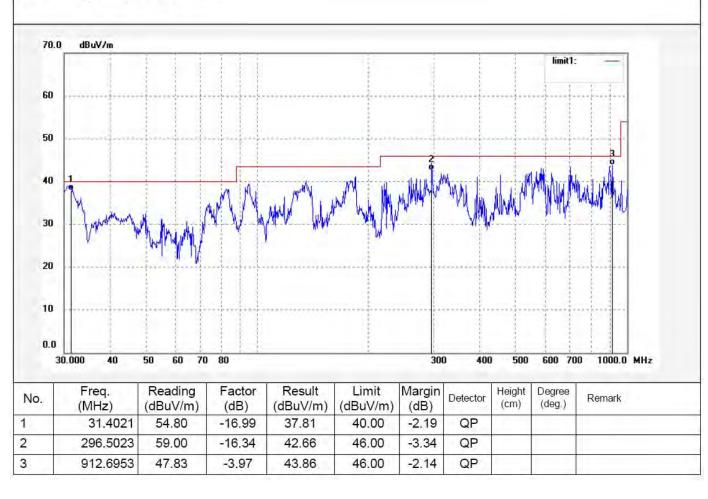
Standard: FCC Class B 3M Radiated Power Source: AC 120V/60Hz

Test item: Radiation Test Date: 16/04/09/ Temp.(C)/Hum.(%) 25 C / 55 % Time: 12/32/01

EUT: Interactive Flat Panel Mode: DP IN LE-70PC88 Model:

Note: Report No.: ATE20160589

Engineer Signature: star







F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Page 53 of 76 Site: 1# Chamber Tel:+86-0755-26503290

Report No.: ATE20160589

n,P.R.China Fax:+86-0755-26503396
Polarization: Horizontal

Date: 16/04/09/ Time: 12/19/59

Engineer Signature: star

Power Source: AC 120V/60Hz

Distance: 3m

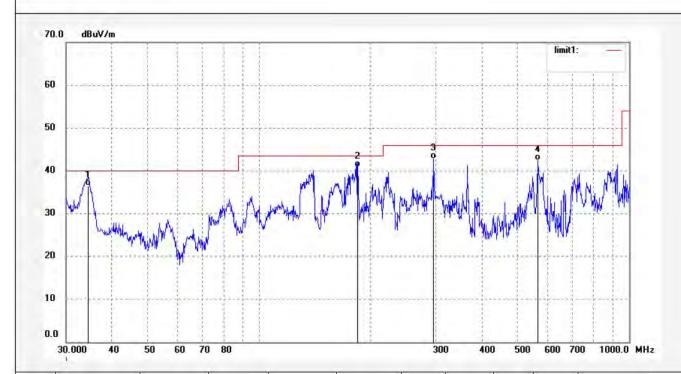
Job No.: star2016 #571

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Mode: HDMI IN
Model: LE-70PC88
Manufacturer: Prima



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	34.4059	53.97	-17.42	36.55	40.00	-3.45	QP				
2	184.5132	60.70	-19.90	40.80	43.50	-2.70	QP				
3	296.5022	59.06	-16.34	42.72	46.00	-3.28	QP				
4	565.9776	53.11	-10.73	42.38	46.00	-3.62	QP				





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Page 54 of 76

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Report No.: ATE20160589

Job No.: star2016 #572

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Interactive Flat Panel

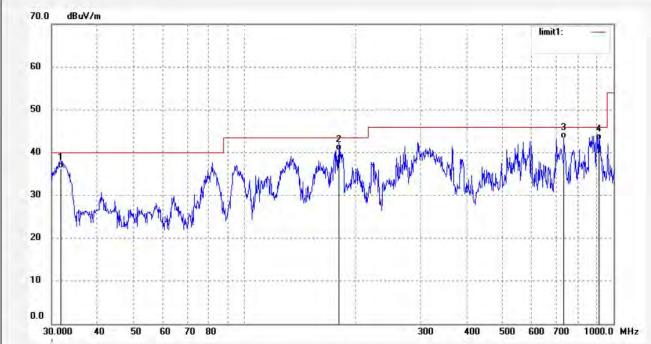
Mode: HDMI IN Model: LE-70PC88 Manufacturer: Prima Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 12/20/32

Engineer Signature: star

Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	31.8463	53.38	-17.06	36.32	40.00	-3.68	QP			
2	180.0302	60.78	-20.33	40.45	43.50	-3.05	QP			
3	734.0371	50.47	-7.14	43.33	46.00	-2.67	QP			
4	912.6951	47.00	-3.97	43.03	46.00	-2.97	QP			



Report No.: ATE20160589

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Above 1GHz



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

Job No.: star2016 #564

Standard: FCC PK Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Interactive Flat Panel

Mode: USB IN Model: LE-70PC88 Manufacturer: Prima

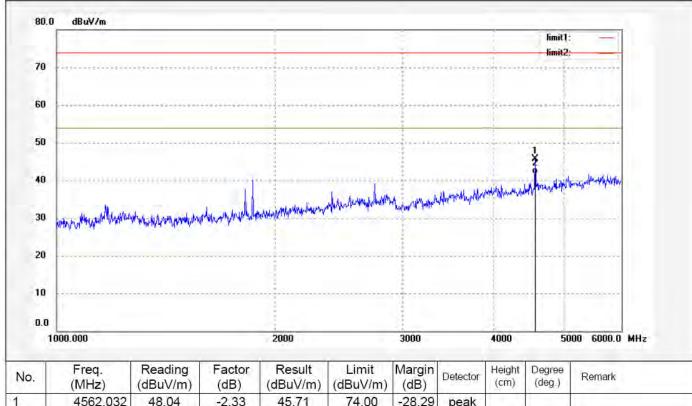
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 11/57/20

Engineer Signature: star

Distance: 3m





Report No.: ATE20160589

Page 56 of 76 Site: 1# Chamber

Tel:+86-0755-26503290 Fax:+86-0755-26503396

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

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 11/55/51

Engineer Signature: star

Distance: 3m

Job No.: star2016 #563 Standard: FCC PK

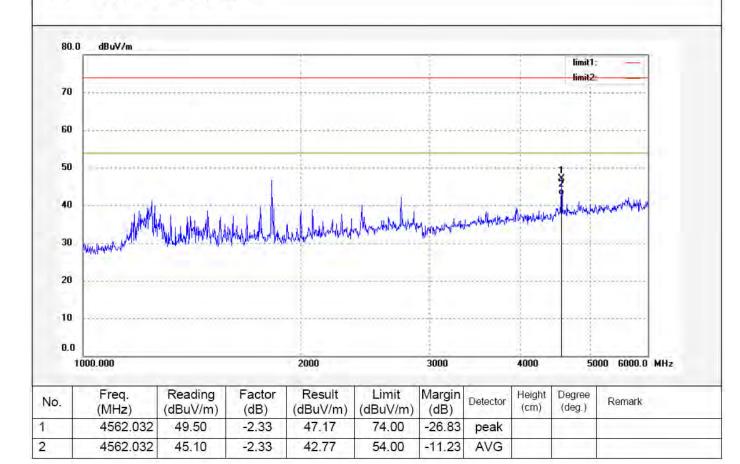
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Interactive Flat Panel

Mode: USB IN

Model: LE-70PC88

Manufacturer: Prima







F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Page 57 of 76

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Report No.: ATE20160589

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 12/03/56

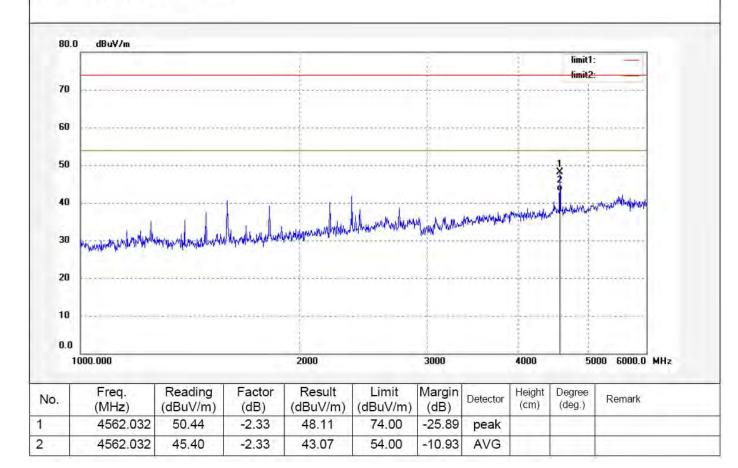
Engineer Signature: star

Distance: 3m

Job No.: star2016 #569 Standard: FCC PK Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Mode: AV IN
Model: LE-70PC88
Manufacturer: Prima







F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Page 58 of 76 Site: 1# Chamber

Report No.: ATE20160589

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: star2016 #570 Polarization: Vertical

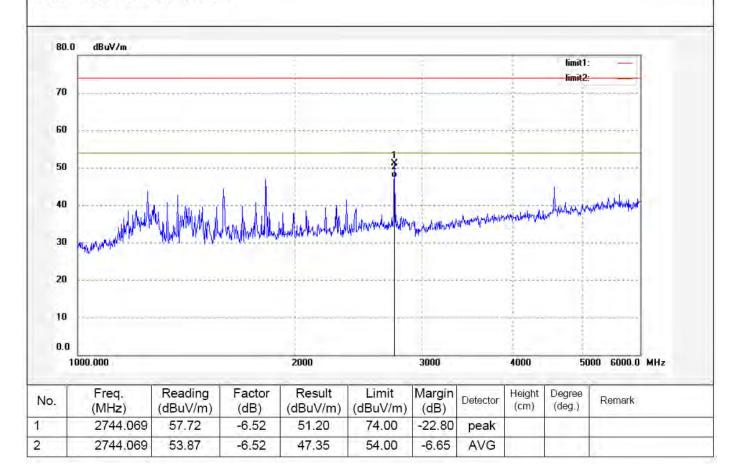
Standard: FCC PK Power Source: AC 120V/60Hz

 Test item:
 Radiation Test
 Date: 16/04/09/

 Temp.(
 C)/Hum.(%)
 25
 C / 55 %
 Time: 12/05/03

EUT: Interactive Flat Panel Engineer Signature: star
Mode: AV IN Distance: 3m

Mode: AV IN
Model: LE-70PC88
Manufacturer: Prima







F1, Bldg, A, Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China Report No.: ATE20160589 Page 59 of 76 Site: 1# Chamber

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: star2016 #561

Standard: FCC PK Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Mode: VGA IN LE-70PC88 Model: Manufacturer: Prima

Polarization: Horizontal

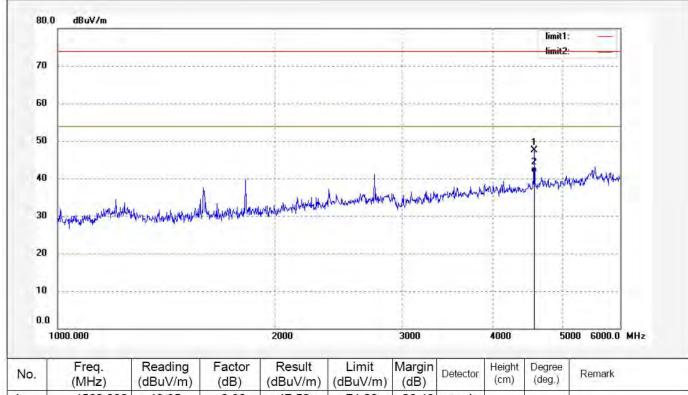
Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 11/51/56

Engineer Signature: star

Distance: 3m

Report No.:ATE20160589 Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4562.032	49.85	-2.33	47.52	74.00	-26.48	peak			
2	4562.032	43.78	-2.33	41.45	54.00	-12.55	AVG		-	





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Page 60 of 76 Site: 1# Chamber Tel:+86-0755-26503290

Fax:+86-0755-26503396

Report No.: ATE20160589

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 11/53/32

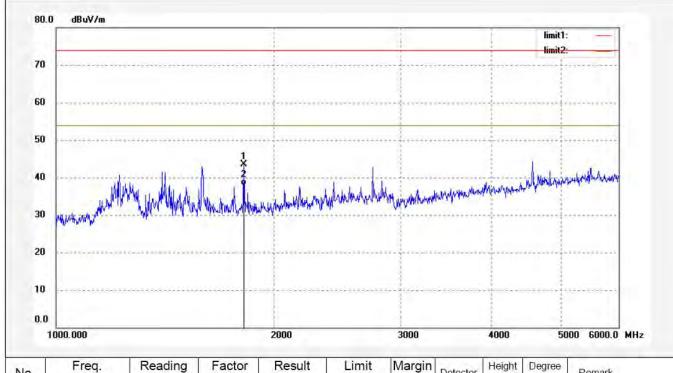
Engineer Signature: star

Distance: 3m

Job No.: star2016 #562 Standard: FCC PK Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Mode: VGA IN
Model: LE-70PC88
Manufacturer: Prima



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	1819.305	52.86	-9.42	43.44	74.00	-30.56	peak				
2	1819.305	47.25	-9.42	37.83	54.00	-16.17	AVG				





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China Report No.: ATE20160589 Page 61 of 76

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

Job No.: star2016 #568

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Mode: DP IN

Note:

LE-70PC88 Model: Manufacturer: Prima

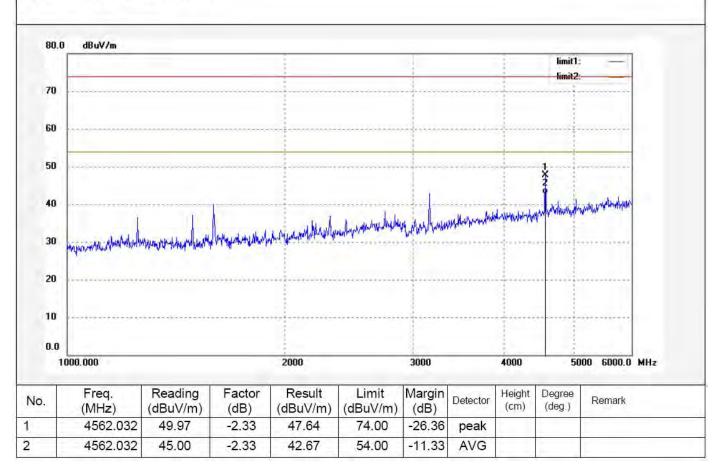
Report No.:ATE20160589

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 12/03/17

Engineer Signature: star







F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China Report No.: ATE20160589 Page 62 of 76

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

Job No.: star2016 #567

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Mode: DP IN

Note:

LE-70PC88 Model: Manufacturer: Prima

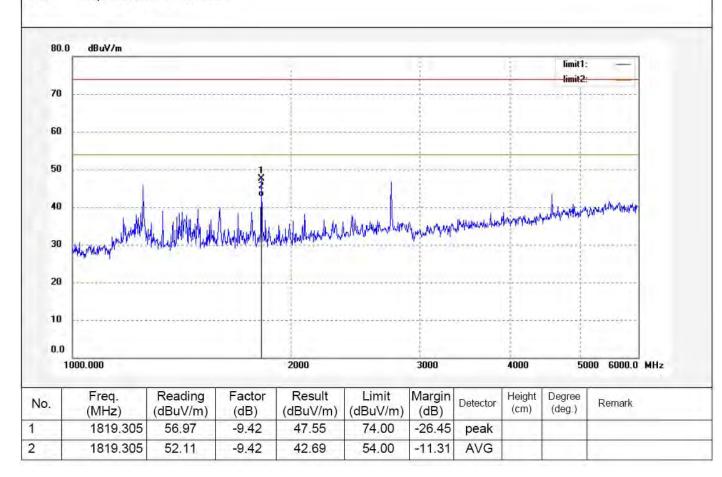
Report No.:ATE20160589

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 12/01/57

Engineer Signature: star







F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Report No.: ATE20160589 Page 63 of 76

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

Job No.: star2016 #565

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Interactive Flat Panel

Mode: HDMI IN
Model: LE-70PC88
Manufacturer: Prima

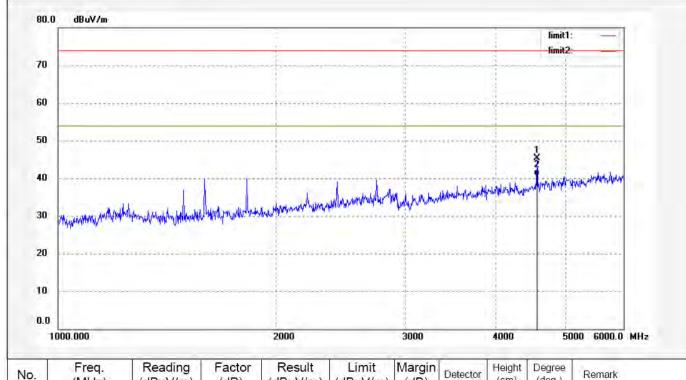
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 11/59/09

Engineer Signature: star

Distance: 3m







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

Page 64 of 76 Site: 1# Chamber

Report No.: ATE20160589

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: star2016 #566

Standard: FCC PK Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 % EUT: Interactive Flat Panel

Mode: HDMI IN Model: LE-70PC88 Manufacturer: Prima

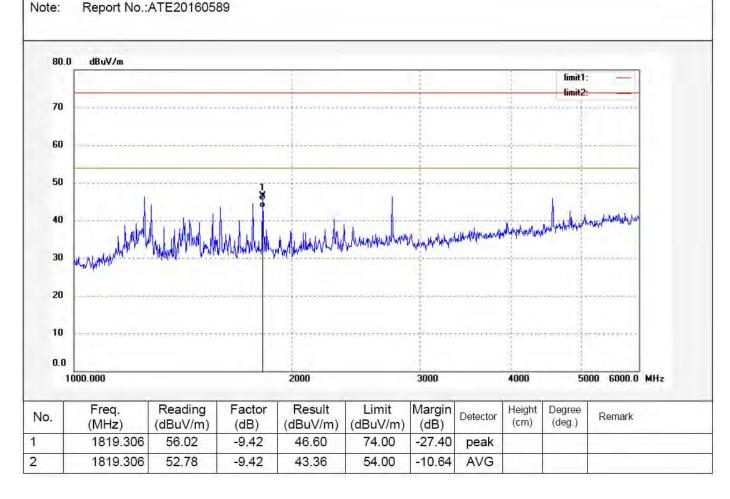
Note:

Polarization: Vertical

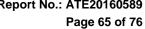
Power Source: AC 120V/60Hz

Date: 16/04/09/ Time: 12/00/46

Engineer Signature: star



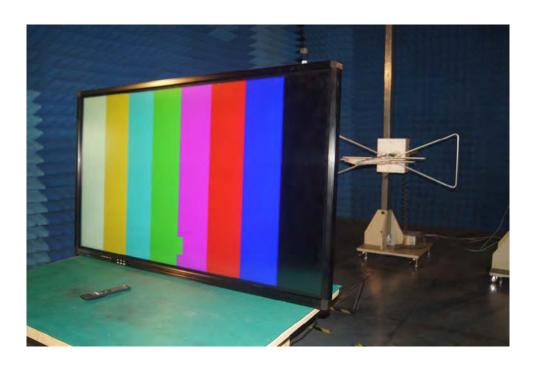






6. PHOTOGRAPHS

6.1.Photos of Radiated Emission Measurement







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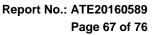


6.2. Photo of Conducted Emission Measurement



6.3.Photo of EUT

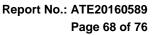








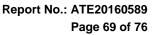




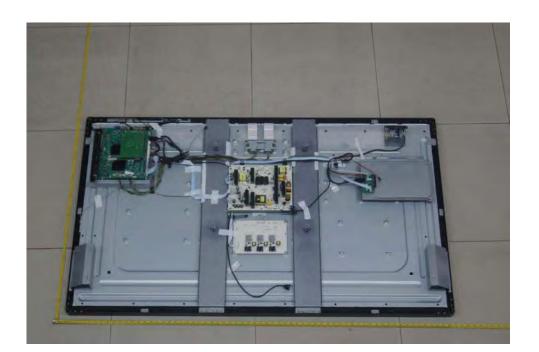


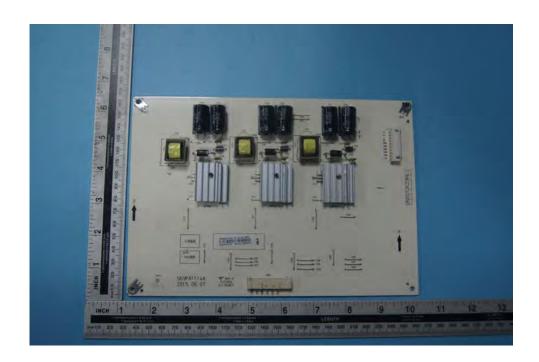


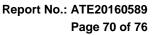




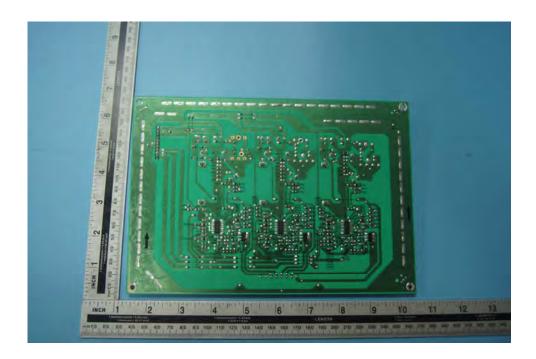










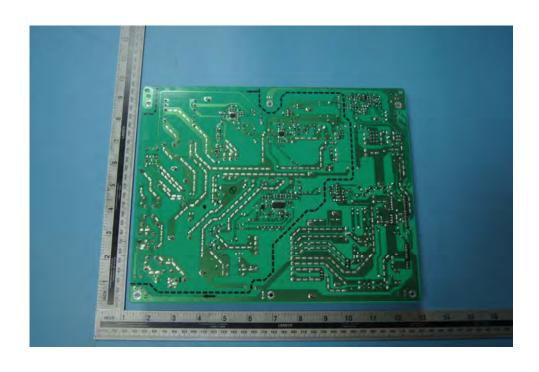




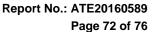




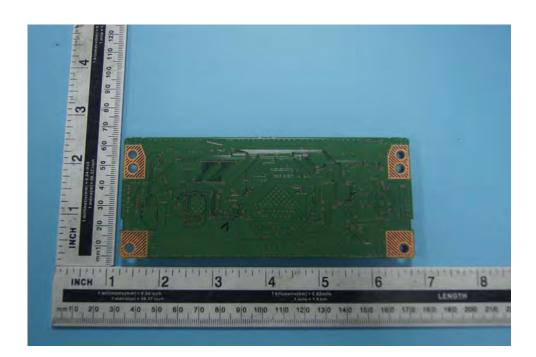
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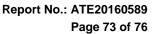






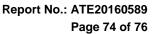














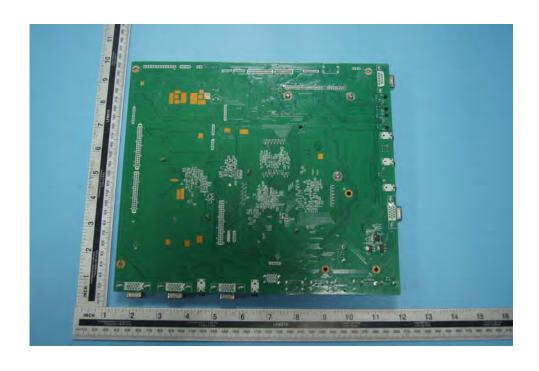








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