

# **FCC 47 CFR PART 15 SUBPART B TEST REPORT**

for

**Product Name: 24 inch Tablet**

**Model No.: 850-034521**

**Test Report Number:**

**C160630R02-EF**

Issued to:

**Lynx Innovation Limited**

**Unit 8A, 331 Rosedale Road, Albany 0632, North Shore City ,New Zealand**

Issued by:

**Compliance Certification Services Inc.**

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**Issued Dated: July 12, 2016**



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**Revision History**

Version	Report No	Date	Description	Revised By
Rev 00	C160630R02-EF	July 12, 2016	Initial Issue	Alina.liu

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# 1 TEST RESULT CERTIFICATION

Product Name:	24 inch Tablet
Model Name:	850-034521
Brand Name:	LYNX
Applicant:	Lynx Innovation Limited
Address:	Unit 8A, 331 Rosedale Road, Albany 0632, North Shore City ,New Zealand
Manufacturer:	Jiaxing Lynx Displays Limited
Address:	1F,Bldg#7,No.3288,Zhongshan Xi Road,Xiuzhou Industrial Park, Jiaxing,Zhejiang,China
Date of Test:	July 08, 2016
Test Voltage:	120VAC, 60Hz

EMISSION			
Standard	Item	Result	Minimum Requirement
FCC 47 CFR Part 15 B ANSI C63.4-2014	Conducted (Main Port)	PASS	Meets Class B Limit
	Radiated	PASS	Meets Class B Limit

**Note:** 1. The statements of test result on the above are decided by the request of test standard only; the measurement uncertainties are not factored into this compliance determination.  
2. The information of measurement uncertainty is available upon the customer's request.

Deviation from Applicable Standard
None

The above equipment has been tested by Compliance Certification Services Inc., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:

Reviewed by:

Jeff Fang

Ken Yao

Jeff.Fang  
EMC Manager  
Compliance Certification Service Inc.

Ken.Yao  
EMC Section Manager  
Compliance Certification Service Inc.

## 2 EUT DESCRIPTION

<b>Product Name:</b>	24 inch Tablet
<b>Brand Name:</b>	LYNX
<b>Model Name:</b>	850-034521
<b>Series Model:</b>	850-035397,850-035398,850-035399,850-035400
<b>Model differences:</b>	Market segmentation
<b>Applicant:</b>	<b>Lynx Innovation Limited</b>
<b>Identify Number:</b>	C160630R02-EF
<b>Received Date:</b>	June 30, 2016
<b>EUT Power Rating:</b>	DC 12V

### I/O PORT:

I/O PORT TYPE	Q'TY	TESTED WITH
1). DC Port	1	1
2). Reset Port	1	1
3). HDMI Port	1	1
4). Audio Port	2	2
5). Optical Port	1	0
6). OTG Port	1	0
7). Lan Port	1	1
8). USB2.0 Port	2	2
9). Micro SD Port	1	1
10). Antenna Port	1	1

### 3 TEST METHODOLOGY

#### 3.1. DECISION OF FINAL TEST MODE

1. The EUT was tested together with the above additional components, and a configuration, which produced the worst emission levels, was selected and recorded in this report.

The following test mode(s) were scanned during the preliminary test:

Pre Test Mode		
Emission	Conducted Emission	Mode 1:USB Mode
		Mode 2:Micro SD Card Mode
		Mode 3: Normal operation Mode
	Radiated Emission	Mode 1:USB Mode
		Mode 2:Micro SD Card Mode
		Mode 3: Normal operation Mode

2. After the preliminary scan, the following test mode was found to produce the final emission level.

Final Test Mode		
Emission	Conducted Emission	Mode 1:USB Mode
	Radiated Emission	Mode 1:USB Mode

Then, the above highest emission mode of the configuration of the EUT and cable was chosen for all final test items.

#### 3.2. EUT SYSTEM OPERATION

1	According to the erection of figure for site erection.
2	Set up the corresponding resolution test, and start testing.
3	Record test results.

Note: Test program is self-repeating throughout the test.

## 4 SETUP OF EQUIPMENT UNDER TEST

### 4.1. DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

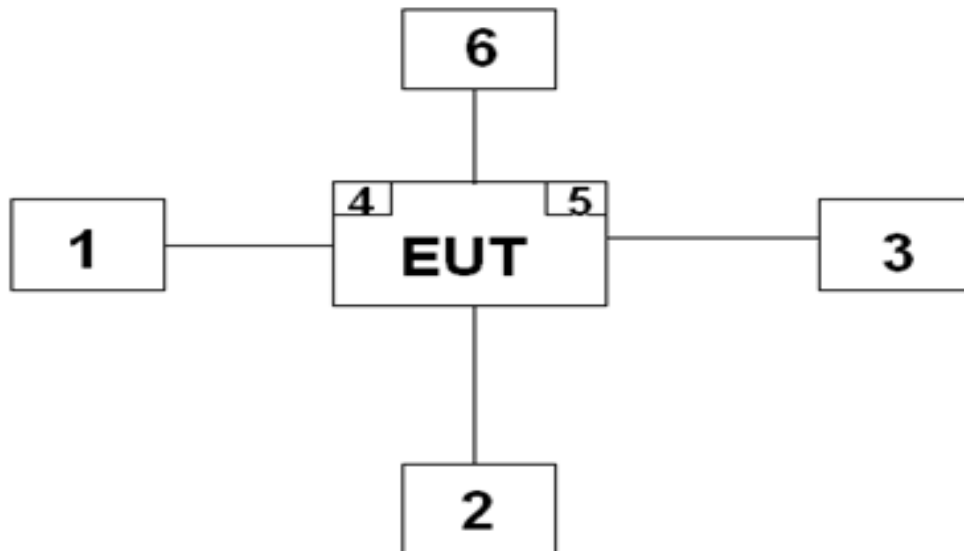
No.	Equipment	Model No.	Serial No.	Trade Name	Data Cable	Power Cord
1	Monitor	U2410f	KSLCD-03	DELL	Shielding 1.8M	Unshielding 1.8M
2	Earphone	N/A	N/A	N/A	Unshielding 1.5M	N/A
3	Notebook	ZQT	NXM8CN00531708D897600	Acer	Unshielding 10M	Unshielding 1.8M
4	USB DISK	DTDU03C	N/A	Kingston	N/A	N/A
5	Micro SD Card	N/A	N/A	Kingston	N/A	N/A
6	Adapter	EA1024PU	N/A	EDAC	N/A	N/A

**Note:**

- 1) All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2) Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

#### 4.2. CONFIGURATION OF SYSTEM UNDER TEST

1. Monitor	2. Earphone	3. Notebook
4. USB DISK	5. Micro SD Card	6. Adapter





## 5 FACILITIES AND ACCREDITATIONS

### 5.1. FACILITIES

All measurement facilities used to collect the measurement data are located at No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR 22. All receiving equipment conforms to CISPR 16-1-1, CISPR 16-1-2, CISPR 16-1-3, CISPR 16-1-4, CISPR 16-1-5.

### 5.2. ACCREDITATIONS

Our laboratories are accredited and approved by the following accreditation body according to ISO/IEC 17025.

<b>USA</b>	A2LA
<b>China</b>	CNAS

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

<b>Canada</b>	Industry Canada
<b>Japan</b>	VCCI
<b>Taiwan</b>	BSMI
<b>USA</b>	FCC

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.ccsrf.com>

### 5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Uncertainty
Conducted emissions	0.15MHz~30MHz	+/-2.5819 dB

Measurement	Polarity	Frequency	Uncertainty
Radiated emissions (below 1GHz)	H	30MHz ~ 200MHz	+/- 4.5758dB
		200MHz ~1000MHz	+/- 4.4227dB
	V	30MHz ~ 200MHz	+/- 4.7254dB
		200MHz ~1000MHz	+/- 4.4336dB
Radiated emissions (above 1GHz)	H	1000MHz ~6000MHz	+/- 4.8181dB
		6000MHz ~18000MHz	+/- 4.2585dB
	V	1000MHz ~6000MHz	+/- 4.4005dB
		6000MHz ~18000MHz	+/- 3.5897dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of  $k=2$ .

Consistent with industry standard (e.g. CISPR 22: 2008, clause 11, Measurement Uncertainty) determining compliance with the limits shall be based on the results of the compliance measurement. Consequently the measured emissions being less than the maximum allowed emission result in this being a compliant test or passing test.

The acceptable measurement uncertainty value without requiring revision of the compliance statement is based on conducted and radiated emissions being less than  $U_{CISPR}$  which is 3.6dB and 5.2dB respectively. CCS values (called  $U_{Lab}$  in CISPR 16-4-2) is less than  $U_{CISPR}$  as shown in the table above. Therefore, MU need not be considered for compliance.

## 6 CONDUCTED EMISSION MEASUREMENT

### 6.1. LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

**NOTE:**

- (1) The lower limit shall apply at the transition frequencies.
- (2) The limit decreases in line with the logarithm of the frequency in the range 0.15 to 0.50 MHz.
- (3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

### 6.2. TEST INSTRUMENTS

CE (Shielding Room)					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
EMI TEST RECEIVER	R&S	ESCI	100781	03/02/2016	03/01/2017
V (V-LISN)	SCHWARZBECK	NNLK 8129	8129-143	11/02/2015	11/01/2016
TWO-LINE V-NETWORK	R&S	ENV216	101604	11/02/2015	11/01/2016
Pulse LIMITER	R&S	ESH3-Z2	100524	01/06/2016	01/05/2017
Test Software	EZ-EMC ver.3A1				

- NOTE:** 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.  
 2.N.C.R = No Calibration Required.

## 6.3. TEST PROCEDURES

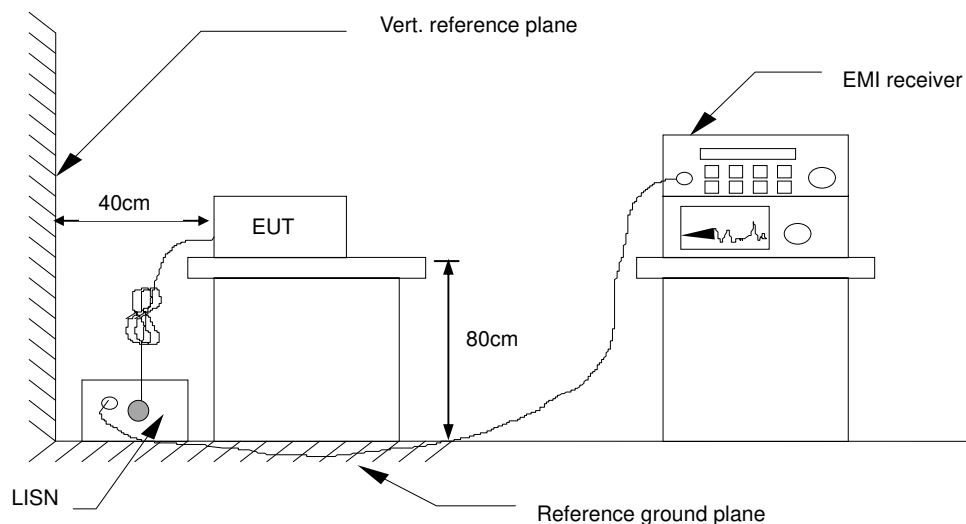
### PROCEDURE OF PRELIMINARY TEST

- The EUT and support equipment, if needed, were set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor standing equipment, it is placed on the ground plane, which has a 15 cm non-conductive covering to insulate the EUT from the ground plane.
- All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- The test equipment EUT installed by AC main power, through a Line Impedance Stabilization Network (LISN), which was supplied power source and was grounded to the ground plane.
- All support equipment power by from a second LISN.
- The test program of the EUT was started. Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.
- The Receiver scanned from 150kHz to 30MHz for emissions in each of the test modes.
- During the above scans, the emissions were maximized by cable manipulation.
- The test mode(s) described in Item 3.1 were scanned during the preliminary test.
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

### PROCEDURE OF FINAL TEST

- EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.
- A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.
- The test data of the worst-case condition(s) was recorded.

## 6.4. TEST SETUP



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

## 6.5. DATA SAMPLE

Frequency	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)
x.xxxx	50.56	50.82	10.04	60.60	60.86	79.00	66.00	-18.40	-5.14

Correction factor (dB) = cable loss + Insertion loss of LISN+ Insertion loss of transient limiter (The transient limiter included 10 dB attenuation)

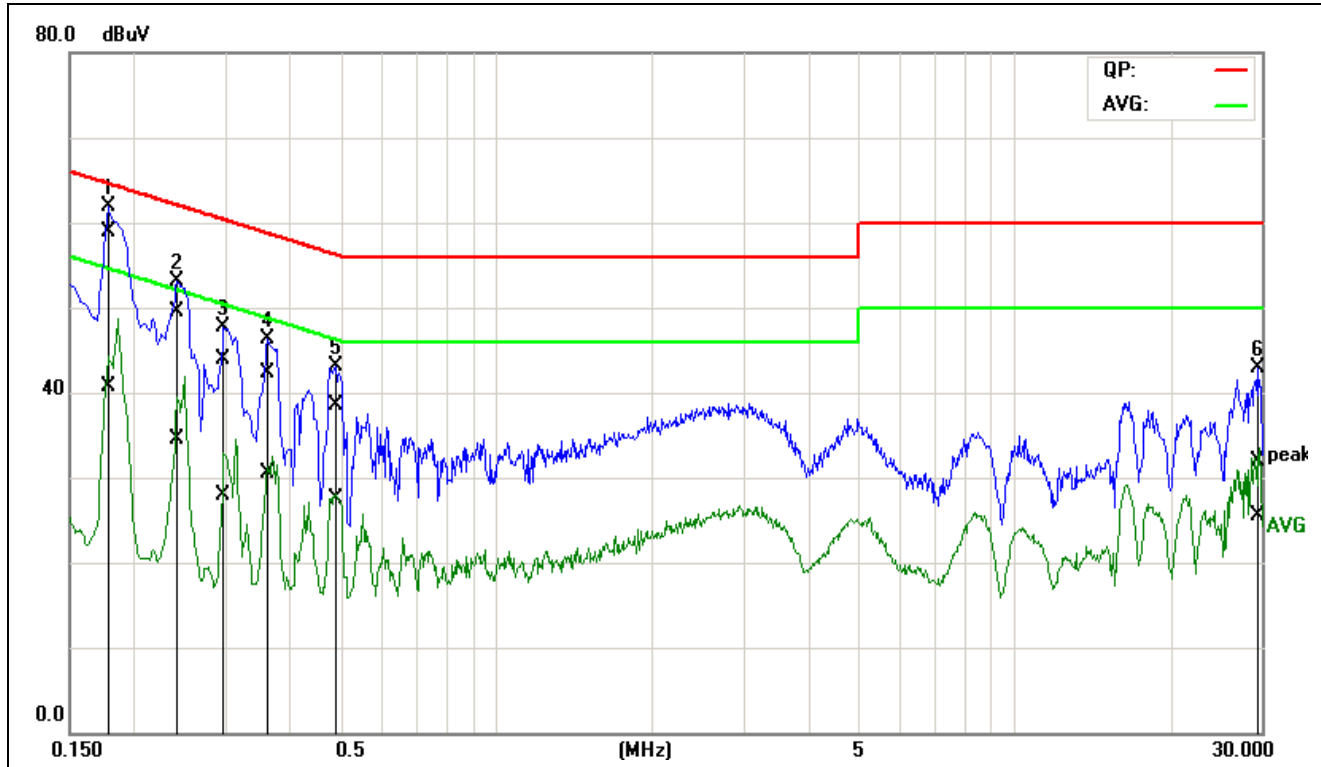
(QuasiPeak/ Average)Result = (QuasiPeak/ Average)reading + Correction Factor (dB)

### Calculation Formula

(QuasiPeak/ Average)Margin (dB) = (QuasiPeak/ Average)Result (dBuV) –(QuasiPeak/ Average)Limit (dBuV)

## 6.6. TEST RESULTS

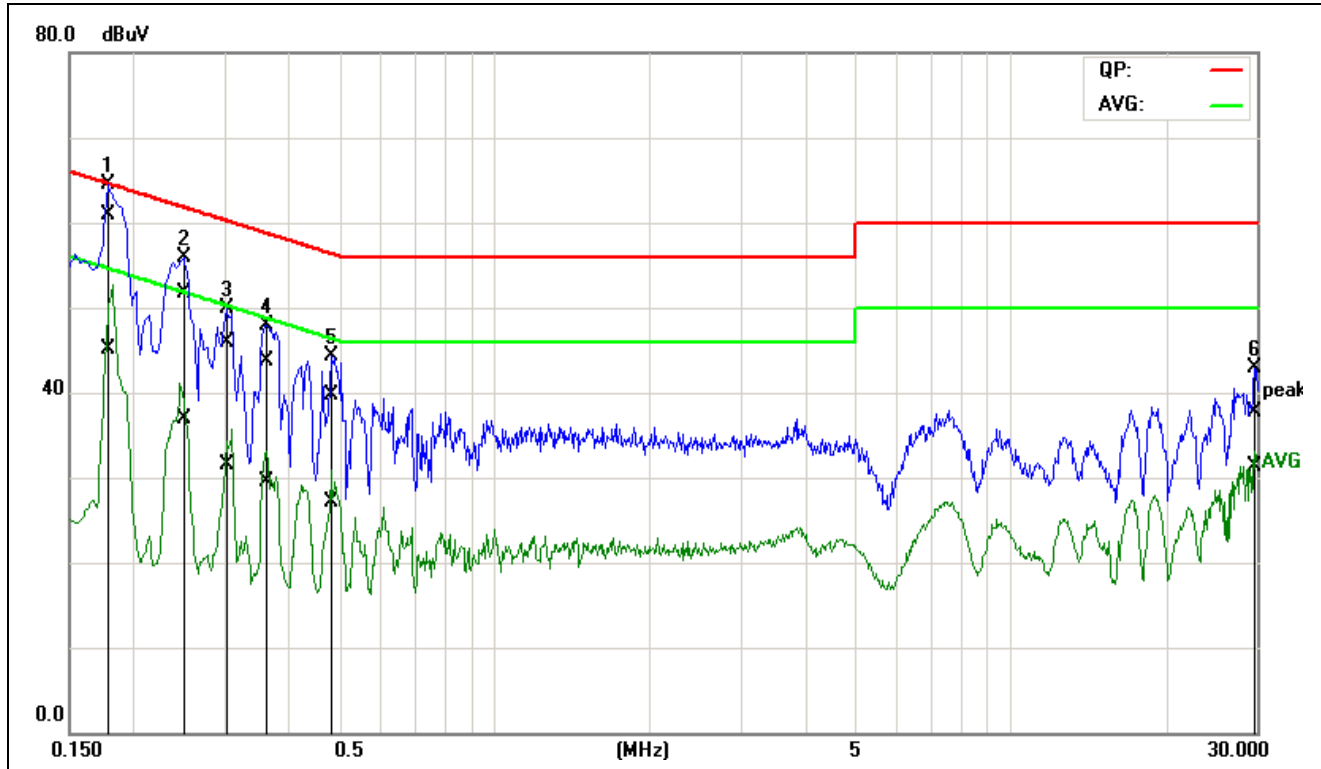
Job No.:	C160630R02	Date:	2016-7-8
Company:	LYNX	Time:	PM 06:19:07
Standard:	FCC Class B Conduction(QP)	Temp.(C)/Hum.(%):	22(C)/41%
Test item:	Conduction test	Test By:	Jiajun.Wang
Line:	L1	Test Voltage:	AC 120V/60Hz
Model:	850-034521	Description:	Mode 1



No.	Frequency	QuasiPeak reading	Average reading	Correction factor	QuasiPeak result	Average result	QuasiPeak limit	Average limit	QuasiPeak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1*	0.1774	39.03	20.95	19.79	58.82	40.74	64.61	54.61	-5.79	-13.87	Pass
2	0.2386	29.74	14.79	19.80	49.54	34.59	62.14	52.14	-12.60	-17.55	Pass
3	0.2966	24.04	8.19	19.80	43.84	27.99	60.34	50.34	-16.50	-22.35	Pass
4	0.3631	22.52	10.61	19.80	42.32	30.41	58.66	48.66	-16.34	-18.25	Pass
5	0.4869	18.71	7.76	19.81	38.52	27.57	56.22	46.22	-17.70	-18.65	Pass
6	29.4829	11.66	5.16	20.27	31.93	25.43	60.00	50.00	-28.07	-24.57	Pass

**Note:** 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line).

Job No.:	C160630R02	Date:	2016-7-8
Company:	LYNX	Time:	PM 06:12:58
Standard:	FCC Class B Conduction(QP)	Temp.(C)/Hum.(%):	22(C)/41%
Test item:	Conduction test	Test By:	Jiajun.Wang
Line:	L2	Test Voltage:	AC 120V/60Hz
Model:	850-034521	Description:	Mode 1



No.	Frequency	QuasiPeak reading	Average reading	Correction factor	QuasiPeak result	Average result	QuasiPeak limit	Average limit	QuasiPeak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1*	0.1791	41.17	25.30	19.74	60.91	45.04	64.53	54.53	-3.62	-9.49	Pass
2	0.2483	31.88	17.16	19.75	51.63	36.91	61.81	51.81	-10.18	-14.90	Pass
3	0.3021	26.14	11.82	19.75	45.89	31.57	60.18	50.18	-14.29	-18.61	Pass
4	0.3645	23.99	9.68	19.75	43.74	29.43	58.63	48.63	-14.89	-19.20	Pass
5	0.4821	19.86	7.44	19.75	39.61	27.19	56.30	46.30	-16.69	-19.11	Pass
6	29.8349	17.08	10.81	20.57	37.65	31.38	60.00	50.00	-22.35	-18.62	Pass

**Note:** 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line).

## 7 RADIATED EMISSION MEASUREMENT

### 7.1. LIMITS OF RADIATED EMISSION MEASUREMENT

#### Class A Radiated Emission limit at 10m (for digital device)

Frequency (MHZ)	Field Strength Limit (uV/m)Q.P.	Field Strength Limit (dBuV/m)Q.P.
30 - 88	90	39
88 - 216	150	43.5
216 – 960	210	46.4
Above 960	300	49.5

#### Class B Radiated Emission limit at 3m

Frequency (MHZ)	Field Strength Limit (uV/m)Q.P.	Field Strength Limit (dBuV/m)Q.P.
30 - 88	100	40
88 - 216	150	43.5
216 – 960	200	46
Above 960	500	54

#### Above 1GHz

Frequency (MHZ)	Class A (dBuV/m) (At 10m)		Class B (dBuV/m) (At 3m)	
	Average	Peak	Average	Peak
Above 1000	49.5	69.5	54	74

#### NOTE:

- (1) The lower limit shall apply at the transition frequencies.
- (2) Emission level (dBuV/m) = 20 log Emission level (uV/m).
- (3) The measurement above 1GHz is at close-in distances 3m, and determine the limit L2 corresponding to the close-in distance d2 by applying the following relation:  $L2 = L1 (d1/d2)$ , where L1 is the specified limit in microvolts per metre (uV/m) at the distance d1 (10m), L2 is the new limit for distance d2 (3m).

So the new Class A limit above 1GHz at 3m is as following table:

Frequency (MHZ)	Class A (dBuV/m) (At 3m)	
	Average	Peak
Above 1000	60	80

According to FCC Part 15.33 (b), for an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:



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	5 <sup>th</sup> harmonic of the highest frequency or 40GHz, whichever is lower

## 7.2. TEST INSTRUMENTS

Radiated Emission (3M Semi Anechoic Chamber (977))					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
EMI Test Receiver	R&S	ESCI	101378	01/06/2016	01/05/2017
Spectrum Analyzer	R&S	FSU26	200789	08/10/2015	08/09/2016
Pre-Amplifier	Miteq	JS41-00101800-32-10P	1675713	08/10/2015	08/09/2016
Bilog Antenna	Sunol	JB1	A110204-1	05/29/2016	05/28/2017
Horn-antenna	SCHWARZBECK	BBHA9120D	267	11/10/2015	11/09/2016
Test Software	EZ-EMC ver.3A1				

**NOTE:** 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.  
2.N.C.R = No Calibration Required.

## 7.3. TEST PROCEDURES

### PROCEDURE OF PRELIMINARY TEST

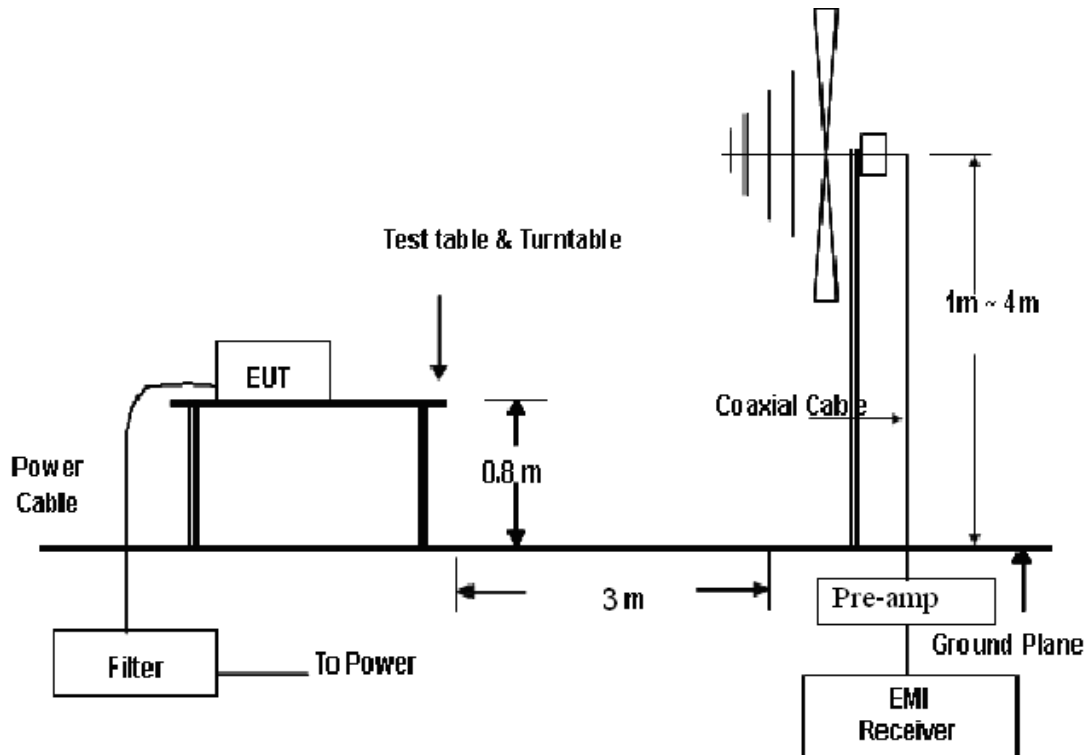
- The equipment was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a FRP turntable(Below 1GHz) and a EPS turntable (Above 1GHz) with a height of 0.8 meters is used which is placed on the ground plane. When the EUT is a floor standing equipment, it is placed on the ground plane which has a 15 cm non-conductive covering to insulate the EUT from the ground plane.
- Support equipment, if needed, was placed as per ANSI C63.4.
- All I/O cables were positioned to simulate typical usage as per ANSI C63.4.
- The EUT received AC power source from the outlet socket under the turntable. All support equipment power received from another socket under the turntable.
- The antenna was placed at 3 or 10 meter away from the EUT as stated in ANSI C63.4. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.
- The Analyzer / Receiver quickly scanned from 30MHz to 40GHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- The test mode(s) described in Item 3.1 were scanned during the preliminary test:
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

### PROCEDURE OF FINAL TEST

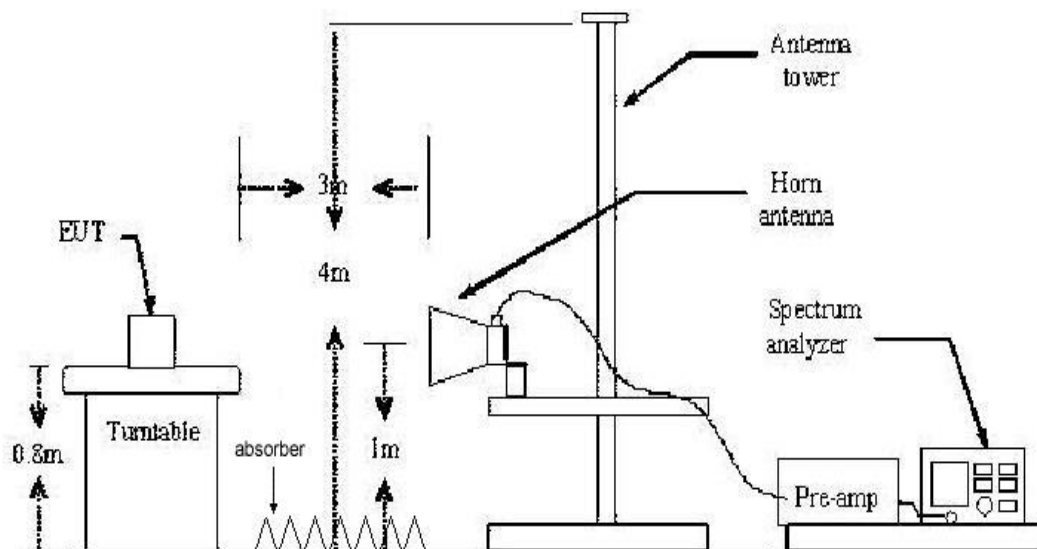
- EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.
- The Analyzer / Receiver scanned from 30MHz to 40GHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 or 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- Recording at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. Below 1GHz the Q.P. reading and above 1GHz the Peak and Average reading are presented.
- The test data of the worst-case condition(s) was recorded.

## 7.4. TEST SETUP

Below 1 GHz



Above 1 GHz



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

## 7.5. DATA SAMPLE

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
x.xx	47.01	-14.30	32.71	40.00	-7.29	200	202	peak

Freq. = Emission frequency in MHz  
Reading = Uncorrected Analyzer/Receiver reading  
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain  
Result = Reading + Factor  
Limit = Limit stated in standard  
Margin = Reading in reference to limit  
Height = Height of antenna  
Degree = Position of turn table  
Remark = Information of value (Peak/ QuasiPeak/Average)

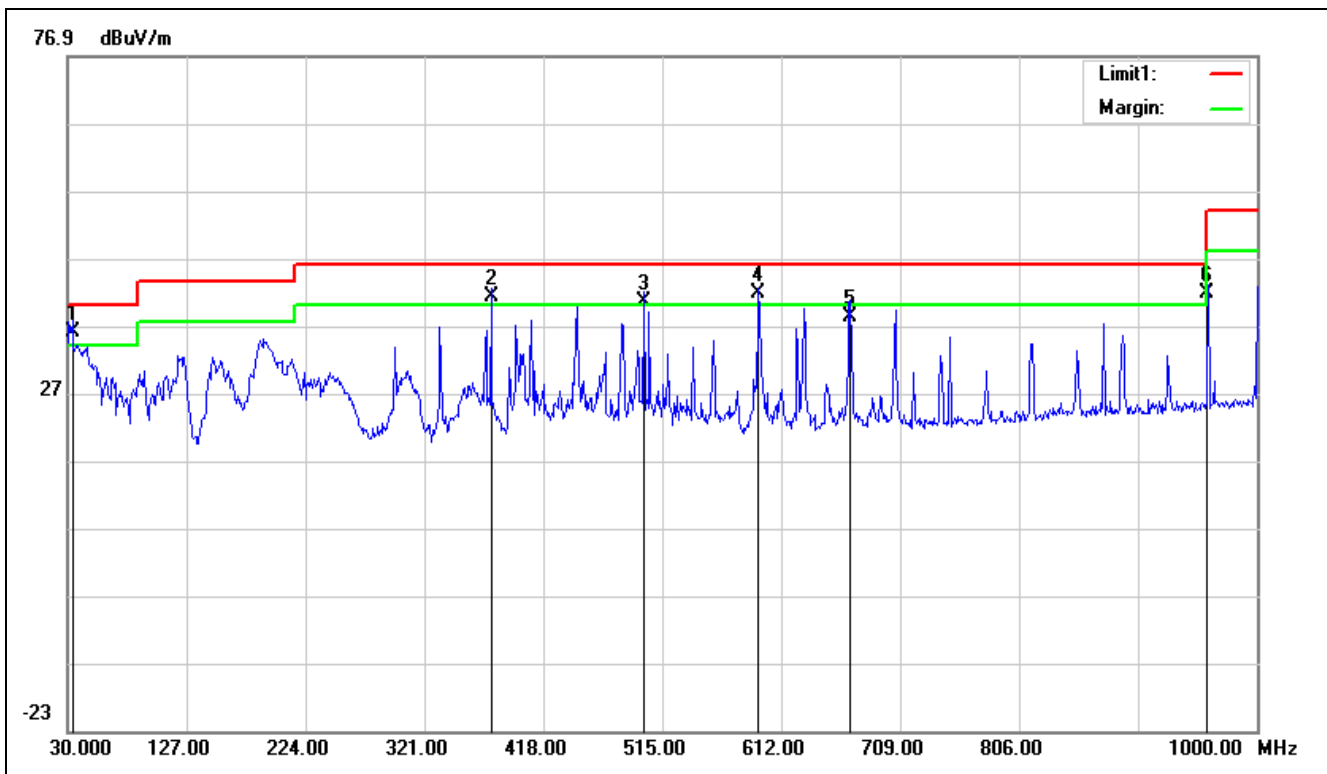
### Calculation Formula

Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)

## 7.6. TEST RESULTS

## Below 1GHz

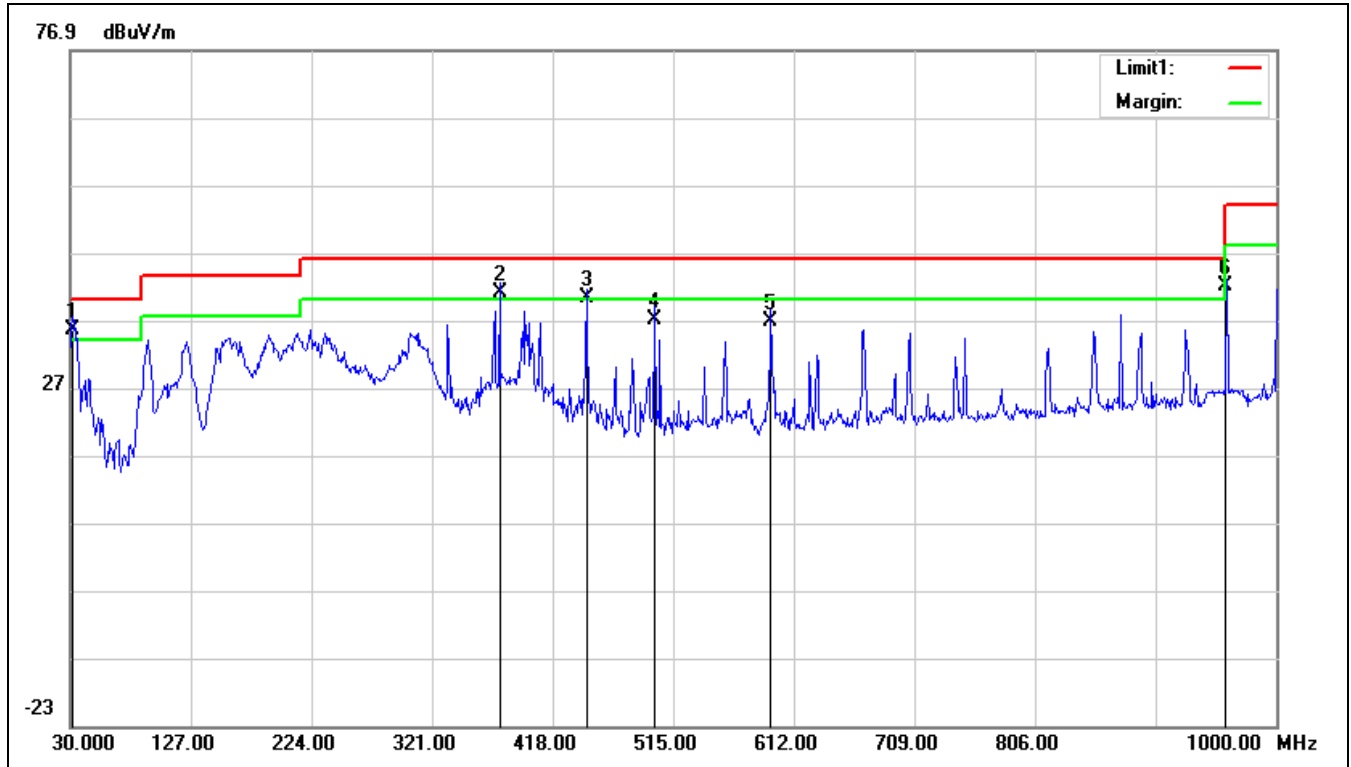
Job No.:	C160630R02	Ant.Polar.:	Vertical
Standard:	FCC Class B 3M Radiation	Test Distance:	3m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	25(C)/40%RH	Date:2016/7/8	Time:22:52:05
Company:	LYNX	Test By:	Kang.Xiong
Model:	850-034521	Description:	Mode 1



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	33.8800	16.94	18.99	35.93	40.00	-4.07	100	253	QP
2	375.3200	24.69	16.56	41.25	46.00	-4.75	100	188	QP
3	500.4500	21.54	18.99	40.53	46.00	-5.47	100	275	QP
4	593.5700	22.26	19.57	41.83	46.00	-4.17	100	285	QP
5	668.2600	17.12	21.13	38.25	46.00	-7.75	100	0	QP
6	959.8300	17.51	24.32	41.83	46.00	-4.17	200	142	QP

**Note:** 1. The other emission levels were very low against the limit.

Job No.:	C160630R02	Ant.Polar.:	Horizontal
Standard:	FCC Class B 3M Radiation	Test Distance:	3m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	25(C)/40%RH	Date:2016/7/8	Time:22:43:53
Company:	LYNX	Test By:	Kang.Xiong
Model:	850-034521	Description:	Mode 1

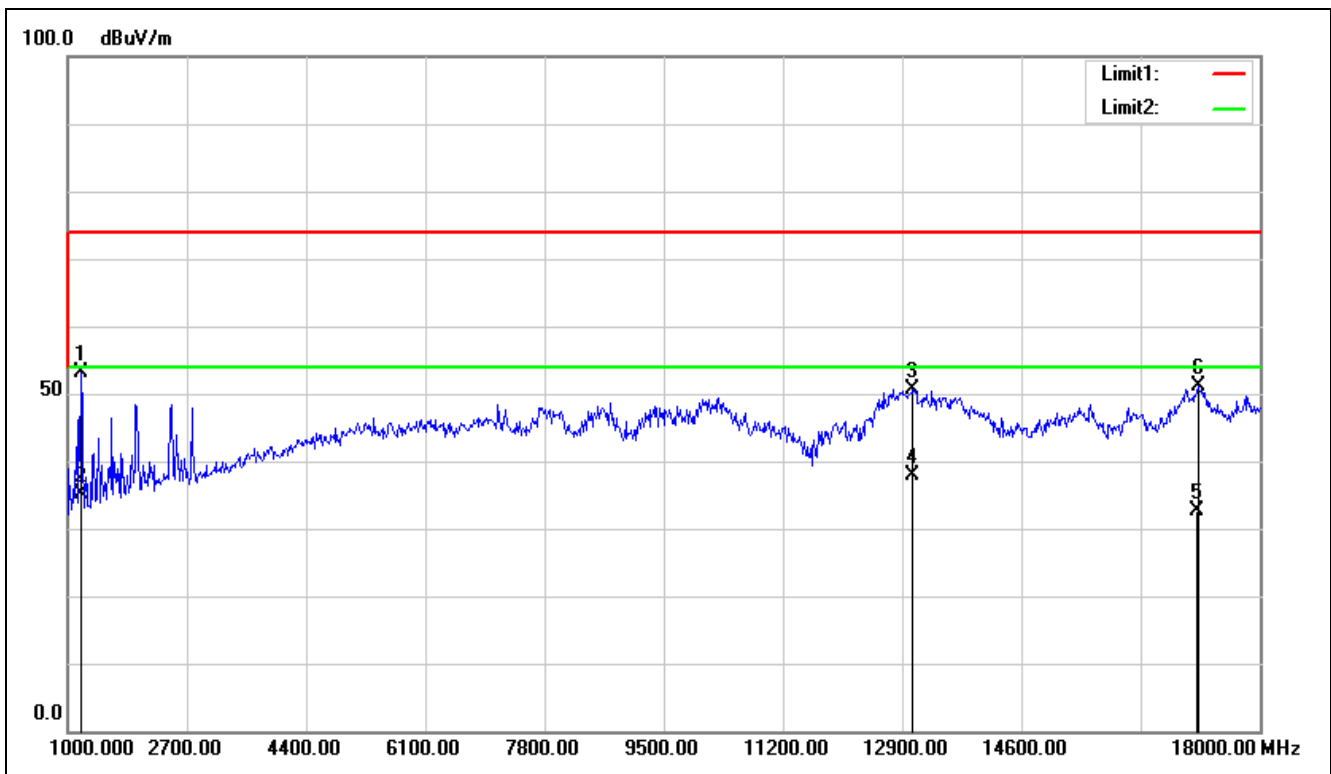


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	31.9400	15.26	20.36	35.62	40.00	-4.38	300	237	QP
2	375.3200	24.46	16.56	41.02	46.00	-4.98	100	25	QP
3	445.1600	22.25	18.00	40.25	46.00	-5.75	100	74	QP
4	500.4500	18.03	18.99	37.02	46.00	-8.98	100	74	QP
5	593.5700	17.26	19.57	36.83	46.00	-9.17	200	291	QP
6	959.3200	17.70	24.32	42.02	46.00	-3.98	200	123	QP

**Note:** 1. The other emission levels were very low against the limit.

## Above 1GHz

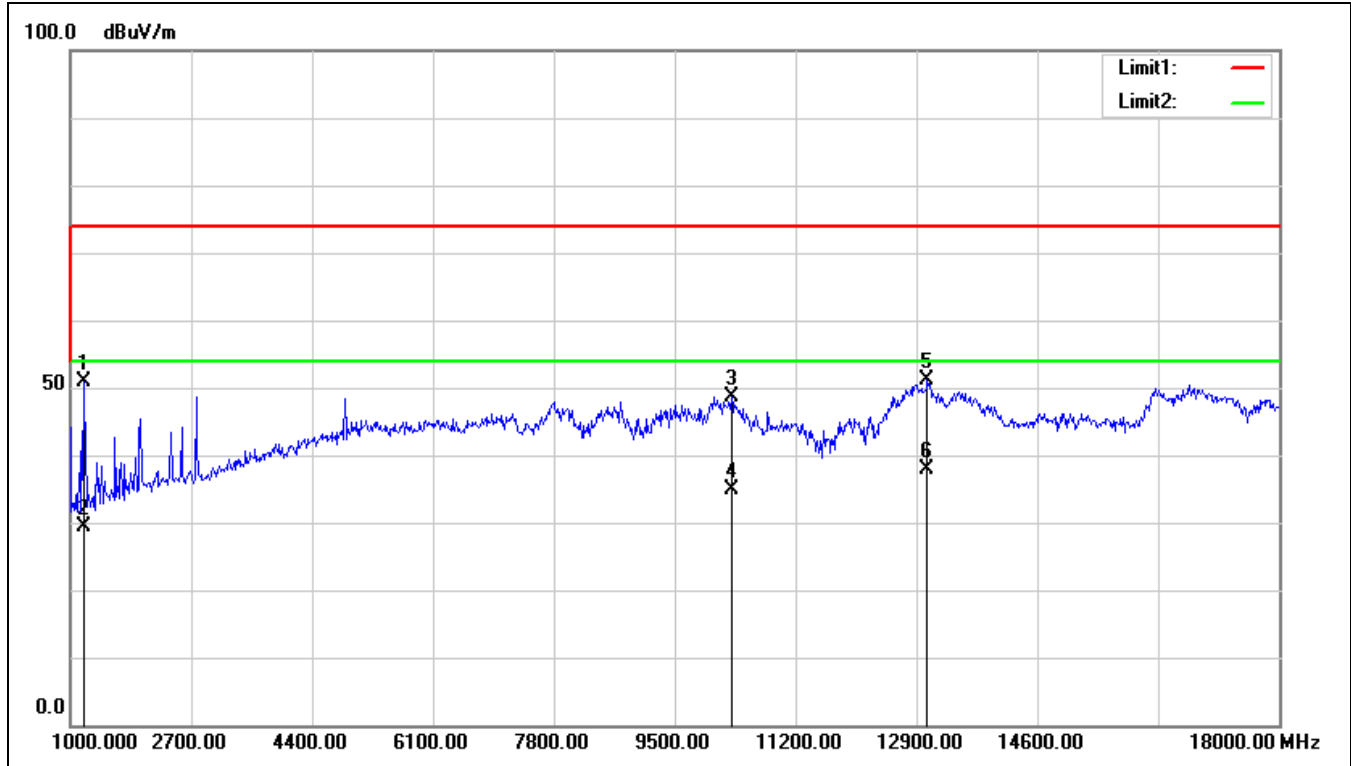
Job No.:	C160630R02	Ant.Polar.:	Vertical
Standard:	FCC Class B 3M Radiation	Test Distance:	3m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	25(C)/40%RH	Date:2016/7/8	Time:23:01:23
Company:	LYNX	Test By:	Kang.Xiong
Model:	850-034521	Description:	Mode 1



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	1187.000	66.16	-13.02	53.14	74.00	-20.86	200	194	peak
2	1187.250	48.18	-13.02	35.16	54.00	-18.84	200	194	AVG
3	13053.000	40.87	9.81	50.68	74.00	-23.32	100	31	peak
4	13053.007	28.18	9.81	37.99	54.00	-16.01	100	31	AVG
5	17115.508	25.56	6.97	32.53	54.00	-21.47	100	298	AVG
6	17116.000	44.08	6.97	51.05	74.00	-22.95	100	298	peak

**Note:** 1. The other emission levels were very low against the limit.

Job No.:	C160630R02	Ant.Polar.:	Horizontal
Standard:	FCC Class B 3M Radiation	Test Distance:	3m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	25(C)/40%RH	Date:2016/7/8	Time:23:06:55
Company:	LYNX	Test By:	Kang.Xiong
Model:	850-034521	Description:	Mode 1



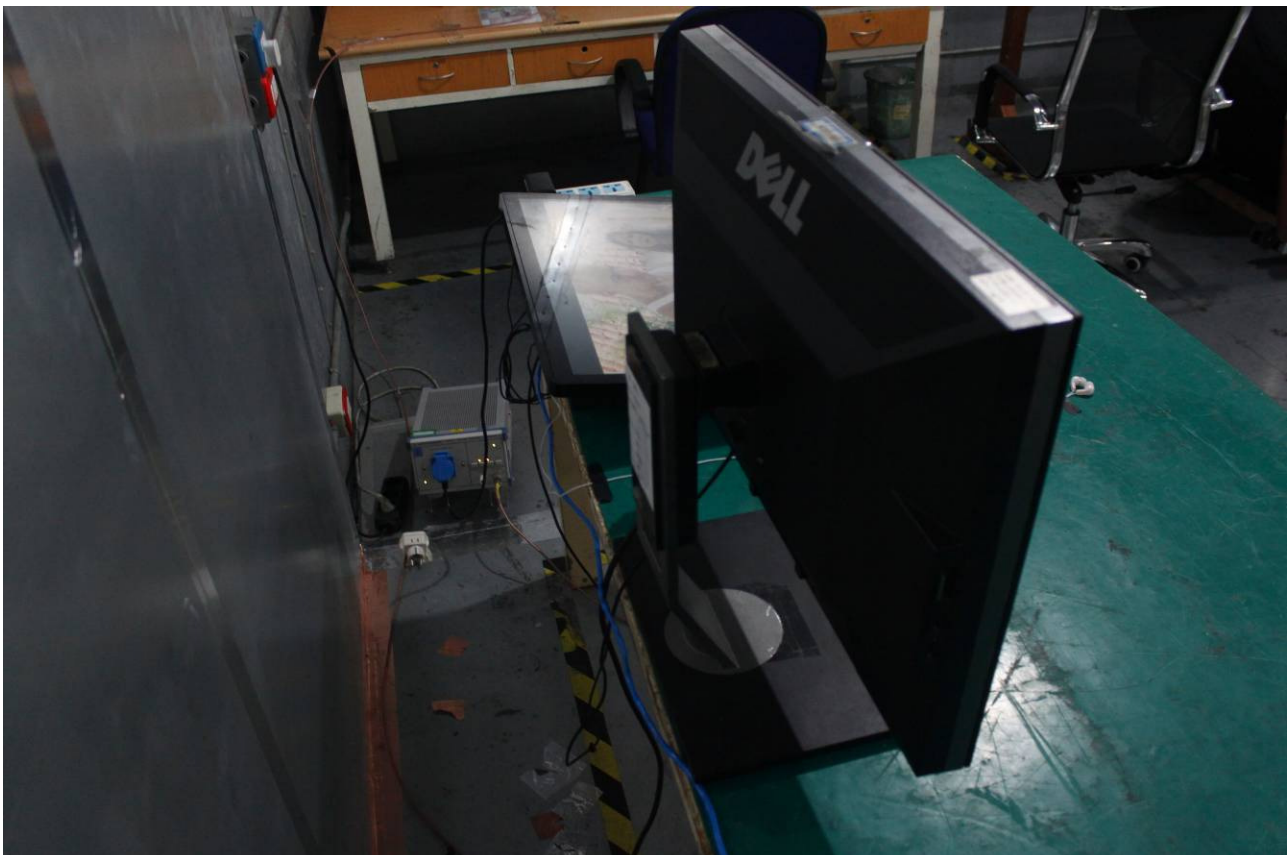
No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	1187.000	63.96	-13.02	50.94	74.00	-23.06	200	85	peak
2	1187.643	42.34	-13.02	29.32	54.00	-24.68	200	85	AVG
3	10299.000	42.77	5.94	48.71	74.00	-25.29	100	341	peak
4	10299.448	28.98	5.94	34.92	54.00	-19.08	100	341	AVG
5	13053.000	41.27	9.81	51.08	74.00	-22.92	100	331	peak
6	13053.367	27.95	9.81	37.76	54.00	-16.24	100	331	AVG

**Note:** 1. The other emission levels were very low against the limit.

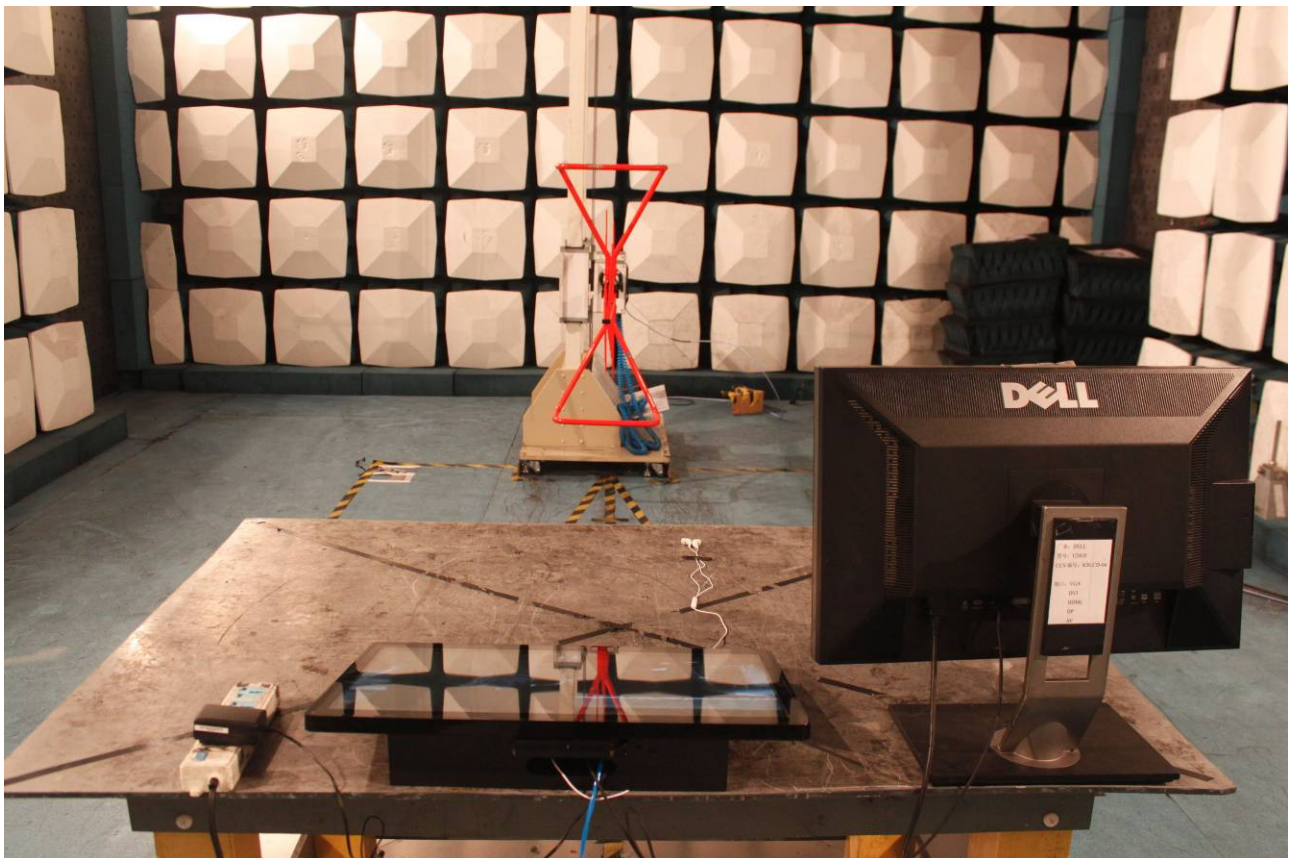
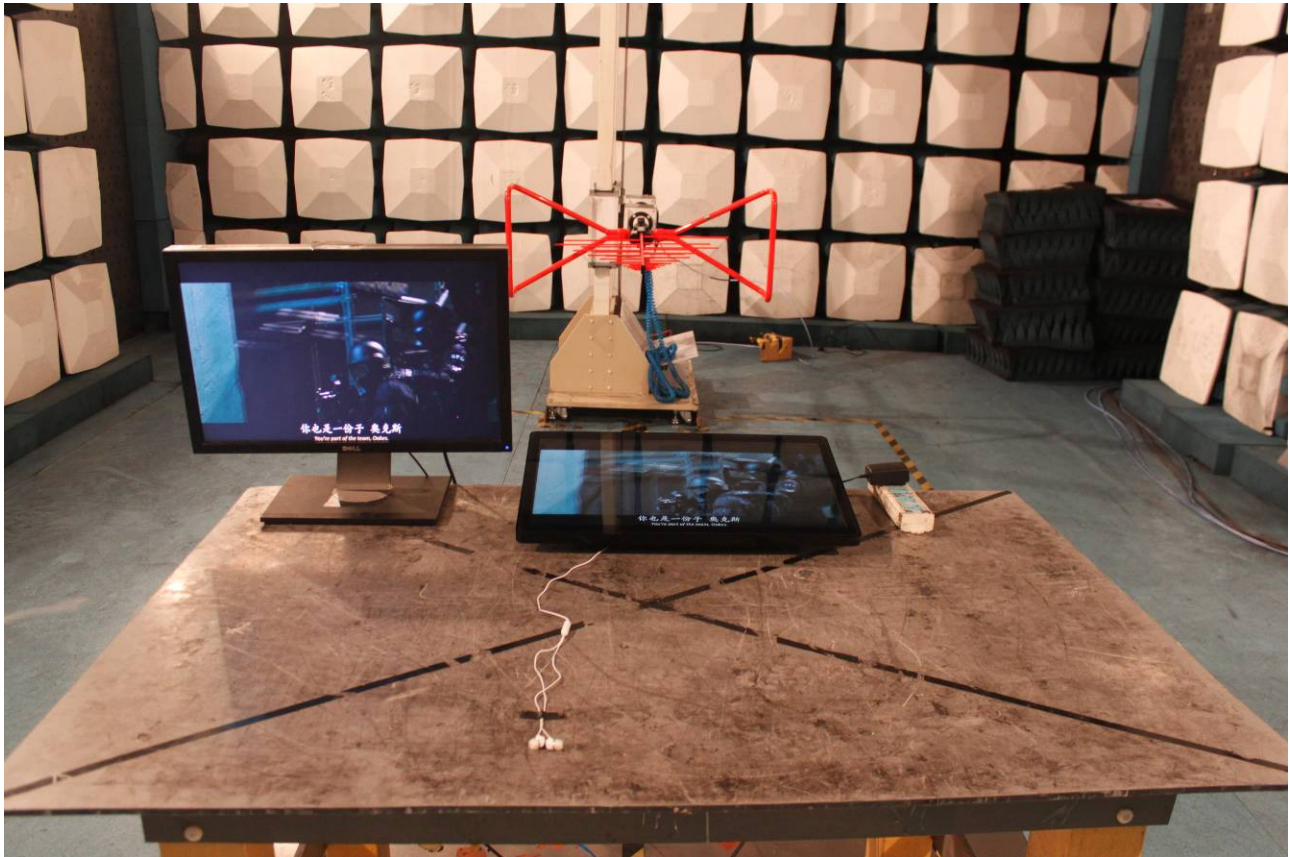


## 8 PHOTOGRAPHS OF THE TEST CONFIGURATION

### CONDUCTED EMISSION TEST

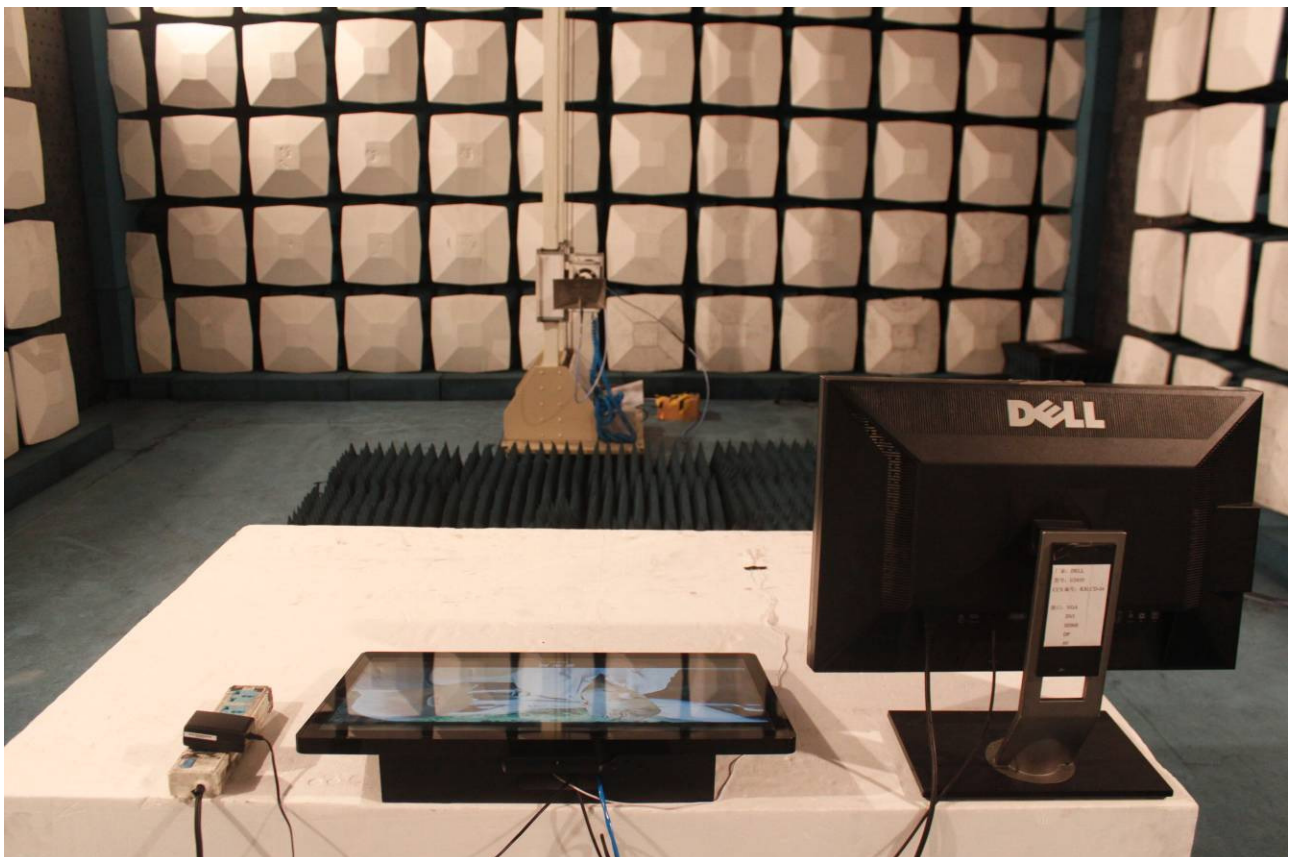
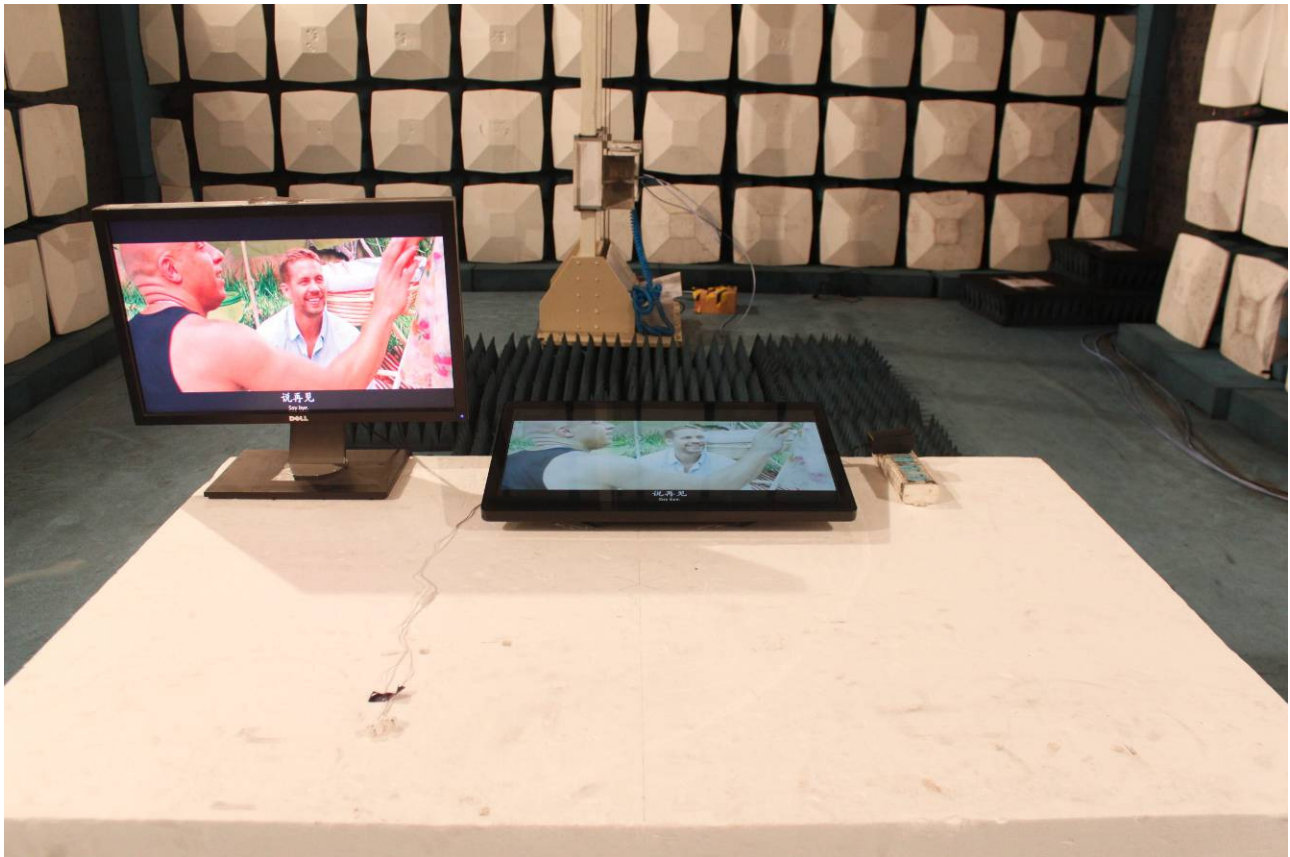




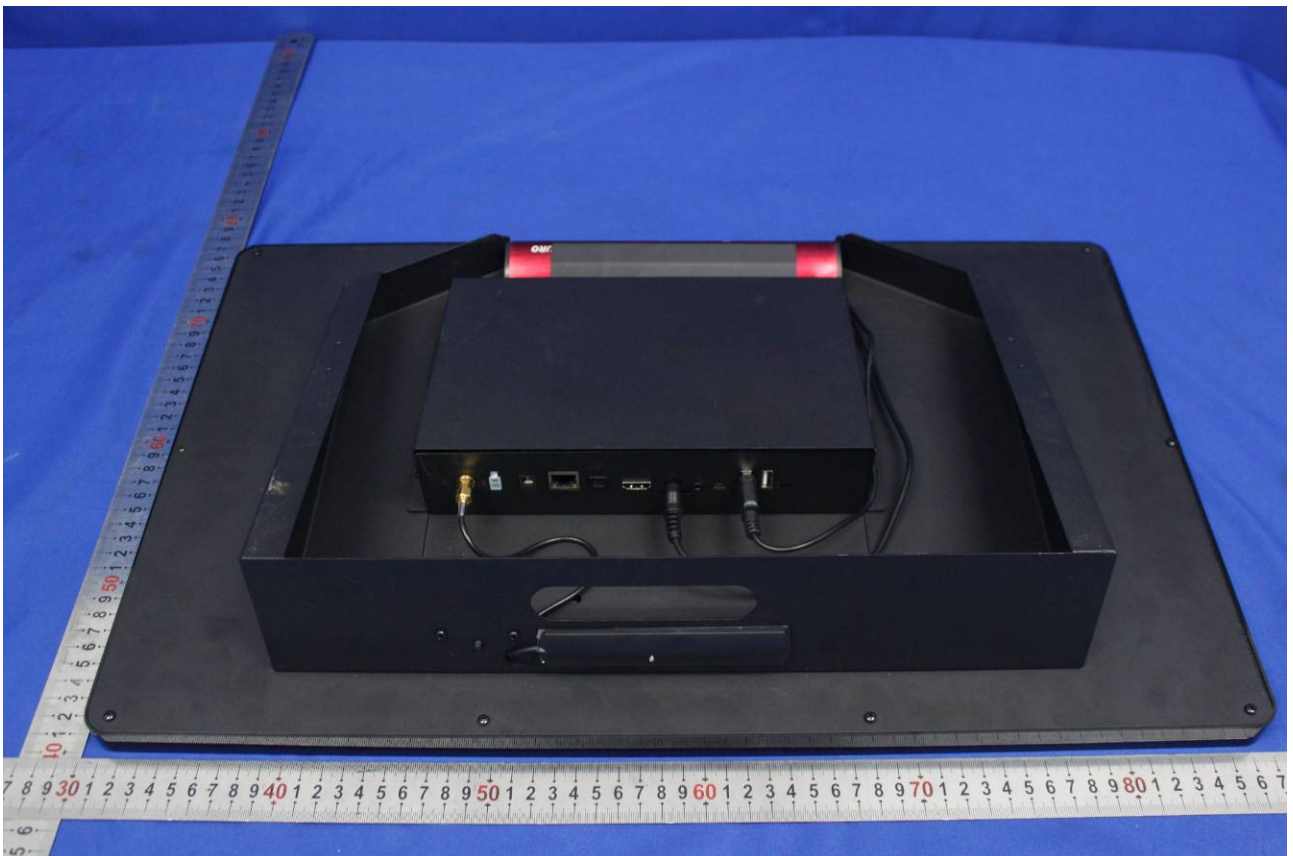
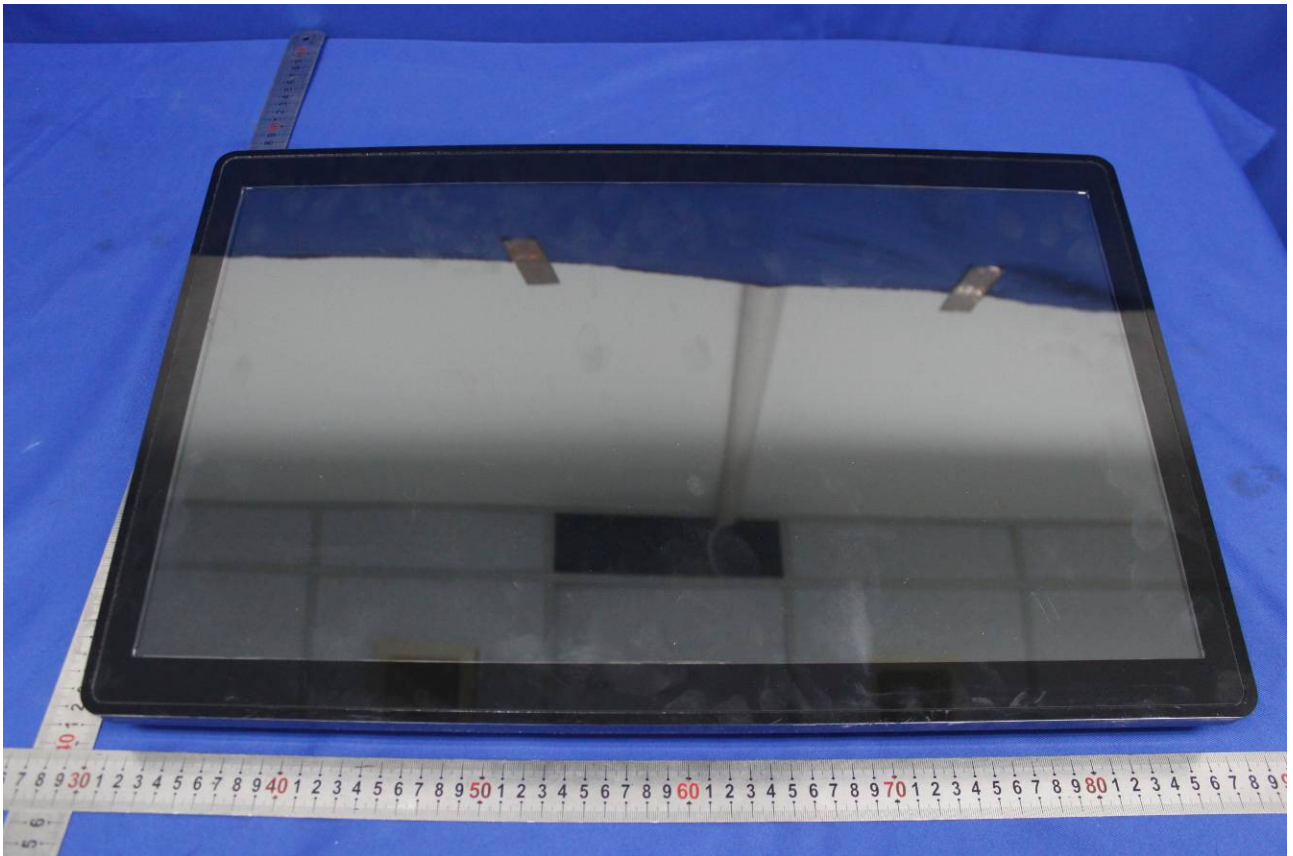
**RADIATED EMISSION TEST  
BELOW 1GHz**



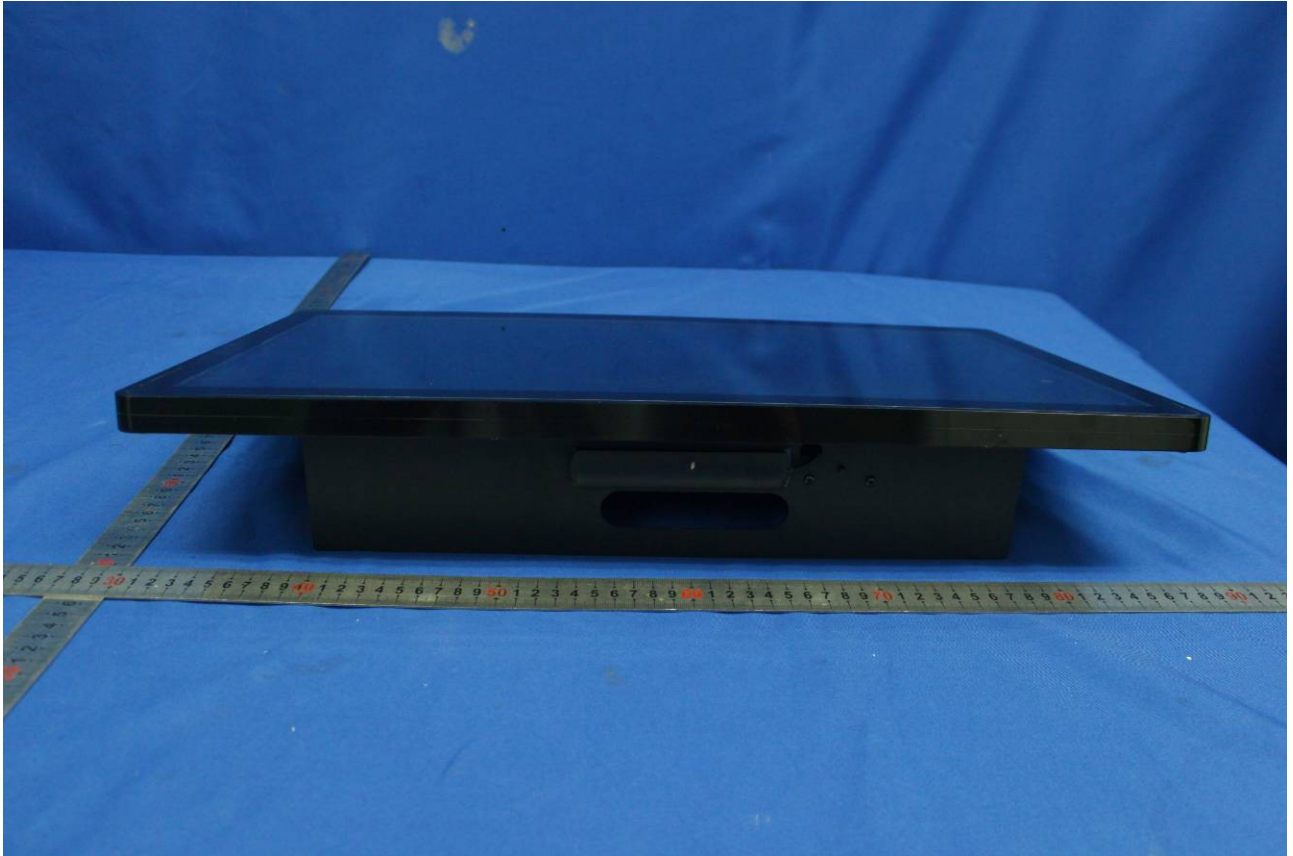
## ABOVE 1GHz

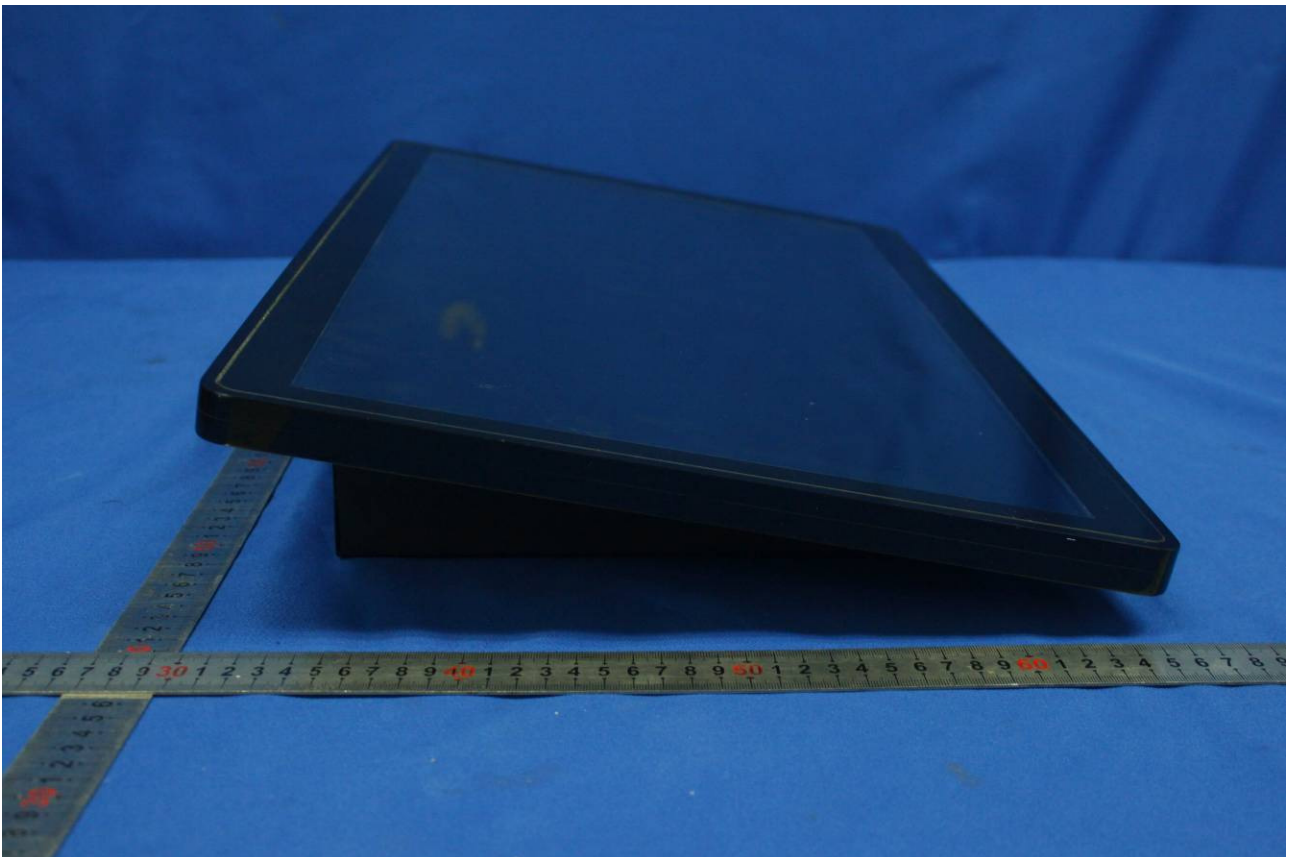


## APPENDIX 1 - PHOTOGRAPHS OF EUT











**END OF REPORT**