FCC 47 CFR PART 15 SUBPART B TEST REPORT

for

Product Name: 4K Media Player

Model No.: 850-046445

Test Report Number:

C170811E02-EF

Issued to:

Lynx Innovation Limited

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

Issued by:

Compliance Certification Services Inc.

Kunshan Laboratory

**No.10 Weiye Rd., Innovation park, Eco&Tec,
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Issued Dated: September 5, 2017

TESTING CERT #2541.01

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Revision History

Version	Report No	Date	Description	Revised By
Rev 00	C170811E02-EF	September 5, 2017	Initial Issue	Ellien.Zhou

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1 TEST RESULT CERTIFICATION

Product Name:	4K Media Player
Model Name:	850-046445
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:	August 28~September 4, 2017
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 A Limit
	Radiated	PASS	Meets Class A 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.

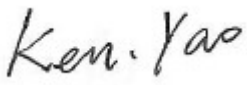
Deviation from Applicable Standard
None

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:

Jeff.Fang
EMC Manager
Compliance Certification Service Inc.

Reviewed by:



Ken.Yao
EMC Section Manager
Compliance Certification Service Inc.

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2 EUT DESCRIPTION

Product Name:	4K Media Player
Brand Name:	LYNX
Model Name:	850-046445
Applicant:	**Lynx Innovation Limited**
Identify Number:	C170811E02-EF
Received Date:	August 20, 2017
EUT Power Rating:	Input:DC12V

I/O PORT:

I/O PORT TYPE	Q'TY	TESTED WITH
1). Lan Port	1	1
2). HDMI Port	1	1
3). OTG Port	1	0
4). USB Port	2	0

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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: Normal Operation**
	Radiated Emission	**Mode 1: Normal Operation**

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: Normal Operation**
	Radiated Emission	**Mode 1: Normal Operation**

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	Start testing.

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

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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.	FCC ID	Trade Name	Data Cable	Power Cord
1	POP Display	031-2012	N/A	N/A	LYNX	Shielding 1.0M	Unshielding 2.0M

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

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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.

USA	A2LA
China	CNAS

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

Canada	Industry Canada
Japan	VCCI
Taiwan	BSMI
USA	FCC

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

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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 base on the results of the compliance measurement. Consequently the measure emissions being less than the maximum allowed emission result in this be a compliant test or passing test.

The acceptable measurement uncertainty value without requiring revision of the compliance statement is base 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.

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6 CONDUCTED EMISSION MEASUREMENT

6.1. LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (dBuV)		Class A (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	02/28/2017	02/27/2018
V (V-LISN)	SCHWARZBECK	NNLK 8129	8129-143	11/01/2016	10/31/2017
TWO-LINE V-NETWORK	R&S	ENV216	101604	11/01/2016	10/31/2017
Pulse LIMITER	R&S	ESH3-Z2	100524	01/05/2017	01/04/2018
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.

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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.

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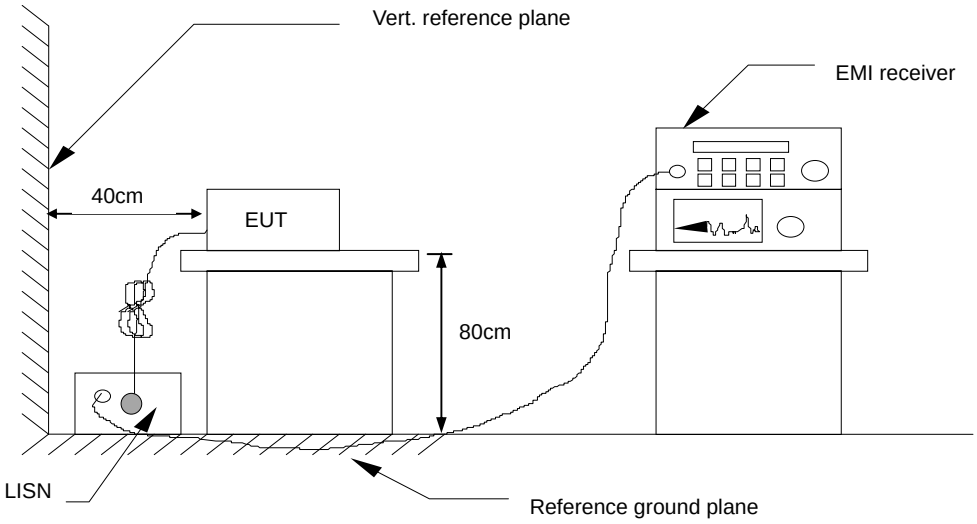
6.4. TEST SETUP



- 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)

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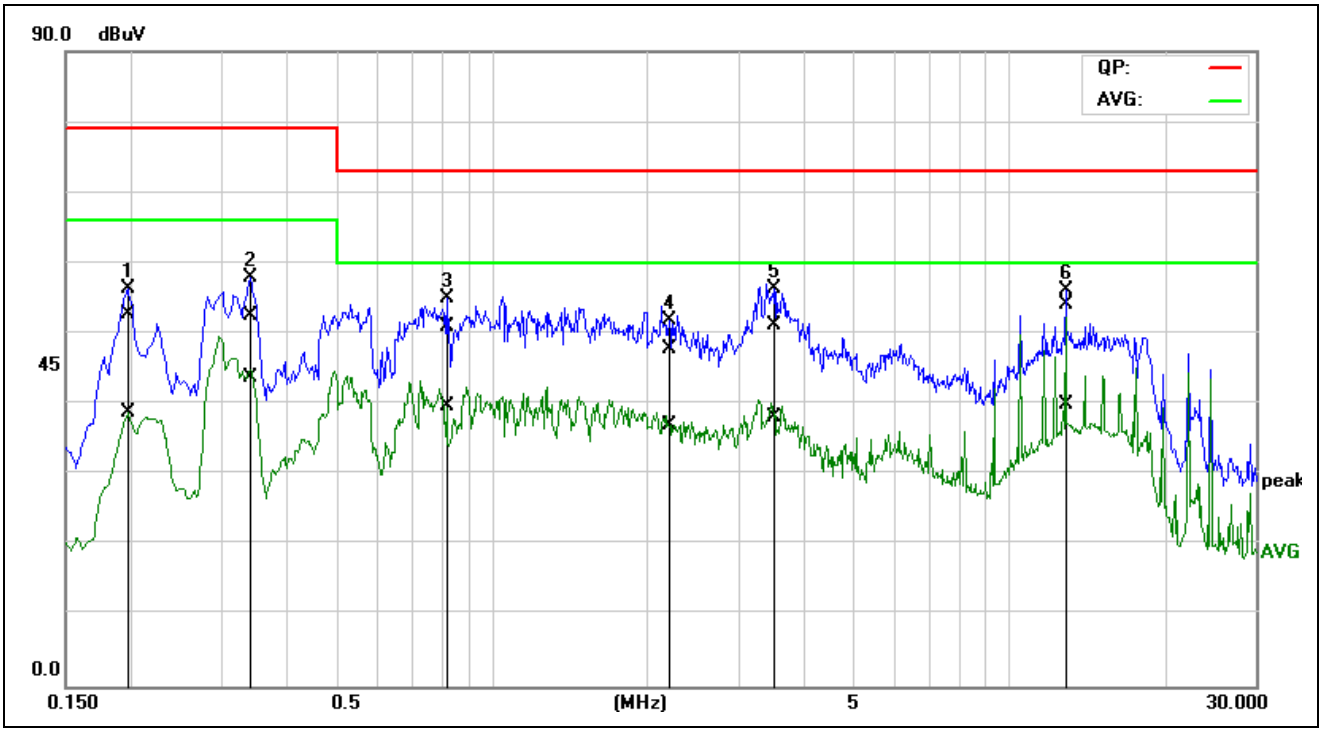
6.6. TEST RESULTS

Job No.:	C170811E02	Date:	2017/8/28
Company:	LYNX	Time:	17:07:18
Standard:	FCC Class A Conduction(QP)	Temp.(C)/Hum.(%):	22(C)/41%
Test item:	Conduction test	Test By:	Tony.qi
Line:	L1	Test Voltage:	AC 120V/60Hz
Model:	850-046445	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	0.1991	32.18	18.40	20.52	52.70	38.92	79.00	66.00	-26.30	-27.08	Pass
2	0.3435	31.93	23.13	20.59	52.52	43.72	79.00	66.00	-26.48	-22.28	Pass
3	0.8078	30.56	19.16	20.50	51.06	39.66	73.00	60.00	-21.94	-20.34	Pass
4	2.2117	27.43	16.64	20.48	47.91	37.12	73.00	60.00	-25.09	-22.88	Pass
5	3.5323	30.61	17.55	20.54	51.15	38.09	73.00	60.00	-21.85	-21.91	Pass
6*	12.8868	33.26	19.16	20.80	54.06	39.96	73.00	60.00	-18.94	-20.04	Pass

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

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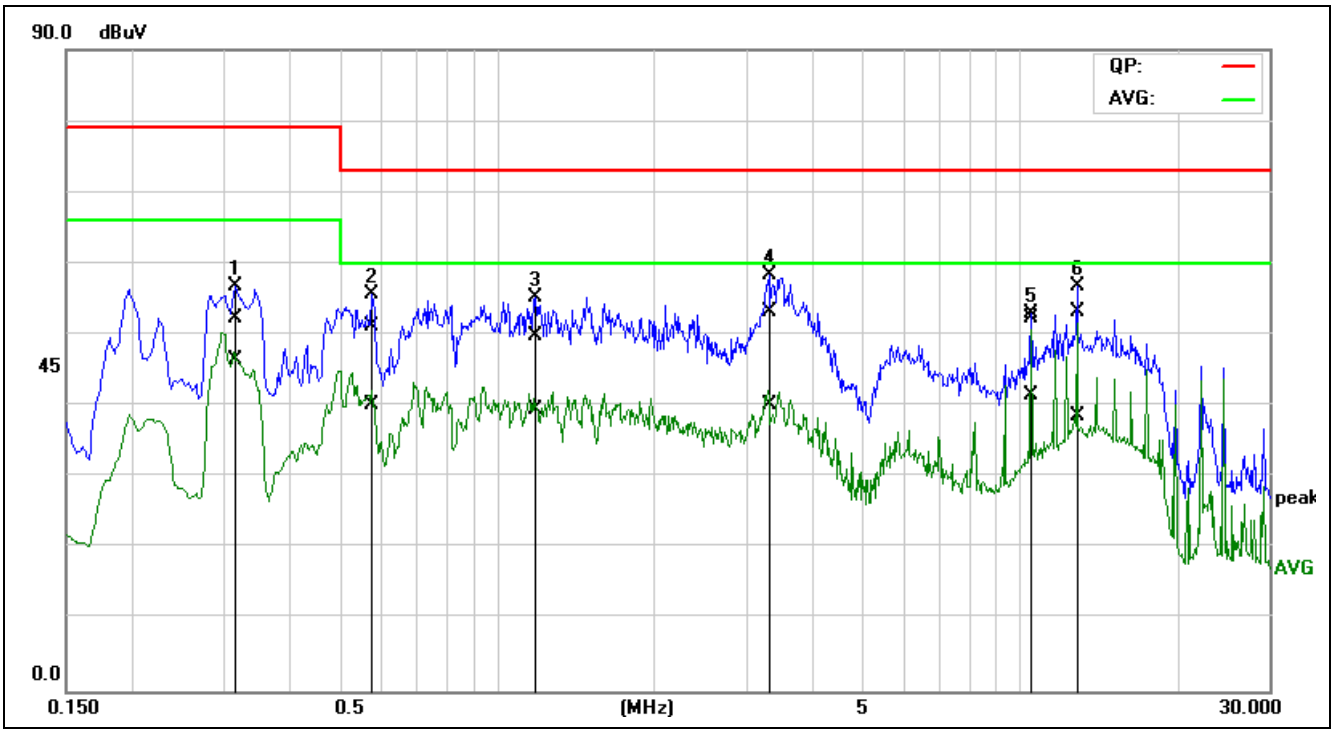
Job No.:	C170811E02	Date:	2017/8/28
Company:	LYNX	Time:	17:12:03
Standard:	FCC Class A Conduction(QP)	Temp.(C)/Hum.(%):	22(C)/41%
Test item:	Conduction test	Test By:	Tony.qi
Line:	L2	Test Voltage:	AC 120V/60Hz
Model:	850-046445	Description:	Mode 1



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	0.3197	31.86	25.89	20.46	52.32	46.35	79.00	66.00	-26.68	-19.65	Pass
2	0.5776	30.80	19.64	20.45	51.25	40.09	73.00	60.00	-21.75	-19.91	Pass
3	1.1753	29.44	19.00	20.46	49.90	39.46	73.00	60.00	-23.10	-20.54	Pass
4	3.3183	32.68	19.60	20.62	53.30	40.22	73.00	60.00	-19.70	-19.78	Pass
5*	10.5342	31.45	20.63	20.94	52.39	41.57	73.00	60.00	-20.61	-18.43	Pass
6	12.8768	32.28	17.67	20.87	53.15	38.54	73.00	60.00	-19.85	-21.46	Pass

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

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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 A 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 A (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:

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

7.2. TEST INSTRUMENTS

Radiated Emission (Test Site Anechoic Chamber (10m chamber))					
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Date**	**Calibration Due**
EMI Test Receiver	R&S	ESCI	100002	02/28/2017	02/27/2018
EMI Test Receiver	R&S	ESCI	101379	01/05/2017	01/04/2018
Antenna	Sunol Sciences	JB1	A101105-3	05/27/2017	05/26/2018
Antenna	Sunol Sciences	JB1	A110204-2	05/27/2017	05/26/2018
Pre-Amplifier	Anritsu	MH648A	M64192	01/05/2017	01/04/2018
Pre-Amplifier	Mini-circuits	ZFL-1000VH2	070306	01/05/2017	01/04/2018
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.

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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	01/05/2017	01/04/2018
Spectrum Analyzer	R&S	FSU26	200789	07/20/2017	07/19/2018
Amplifier	Miteq	JS41-00101800-32-10P	1675713	07/20/2017	07/19/2018
Bilog Antenna	Sunol	JB1	A110204-1	05/27/2017	05/26/2018
Horn-antenna	SCHWARZBECK	BBHA9120D	266	02/28/2017	02/27/2018
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.

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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.

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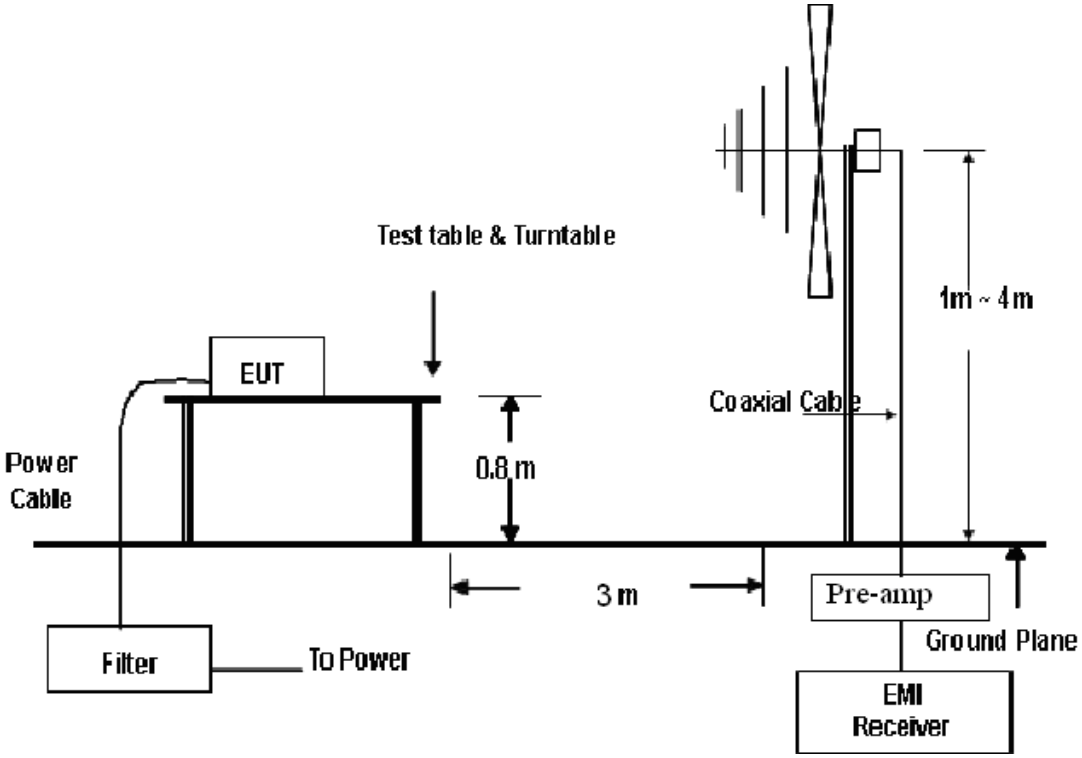
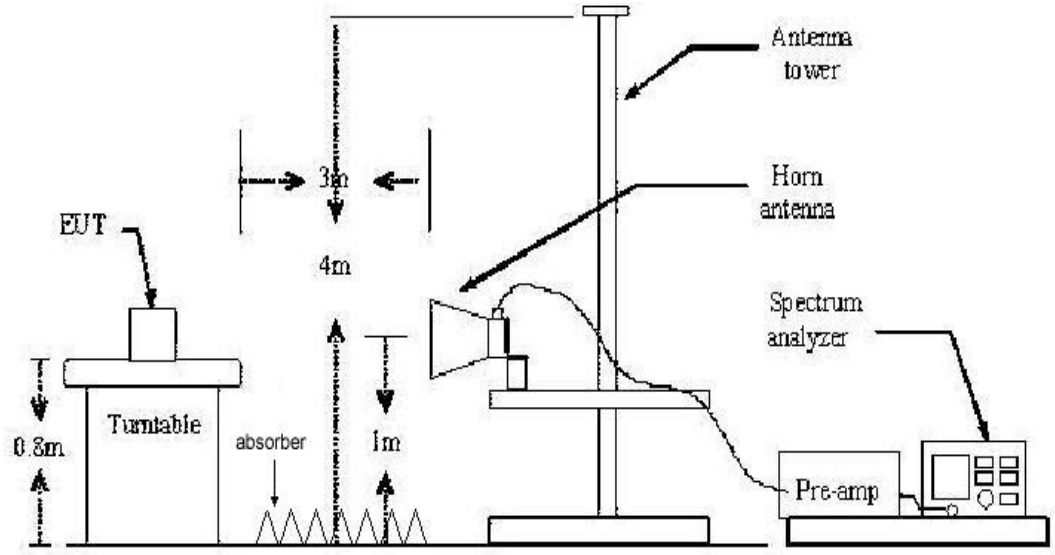
7.4. TEST SETUP

Below 1 GHz



. **Above 1 GHz**



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

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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)

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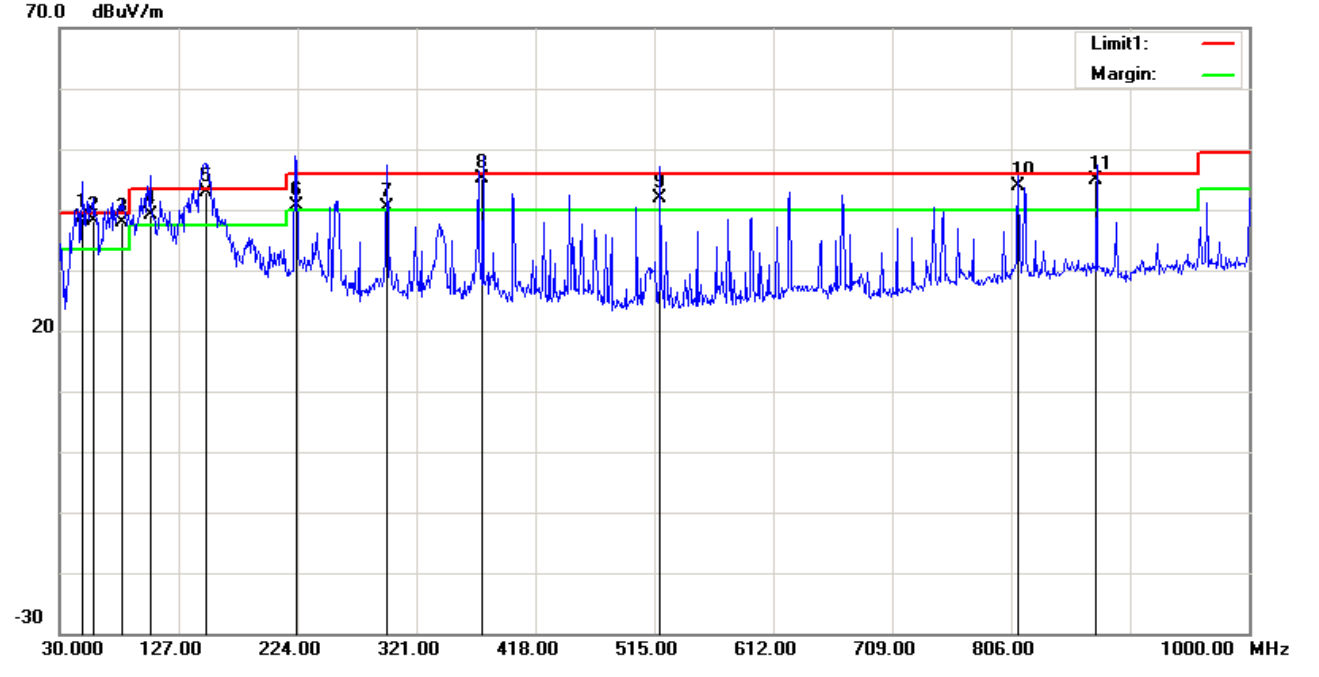
7.6. TEST RESULTS

Below 1GHz

Job No.:	C170811E02	Ant.Polar.:	Vertical
Standard:	FCC Class A 10M Radiation	Test Distance:	10m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	26(C)/42%RH	Date:2017-9-3	Time:17:02:25
Company:	LYNX	Test By:	Tony.qi
Model:	850-046445	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	49.1510	52.16	-13.47	38.69	39.50	-0.81	100	0	QP
2	57.4800	51.83	-13.73	38.10	39.50	-1.40	100	360	QP
3	80.7600	50.77	-12.97	37.80	39.50	-1.70	200	332	QP
4	103.7900	51.13	-12.06	39.07	43.50	-4.43	100	206	QP
5	149.2850	51.52	-8.66	42.86	43.50	-0.64	100	294	QP
6	222.7140	49.18	-8.56	40.62	46.00	-5.38	100	58	QP
7	296.9480	46.09	-5.74	40.35	46.00	-5.65	100	265	QP
8	374.9790	49.25	-4.19	45.06	46.00	-0.94	400	46	QP
9	519.7900	42.41	-0.56	41.85	46.00	-4.15	200	58	QP
10	811.7600	38.42	5.37	43.79	46.00	-2.21	300	360	QP
11	875.6700	38.48	6.32	44.80	46.00	-1.20	300	286	QP

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

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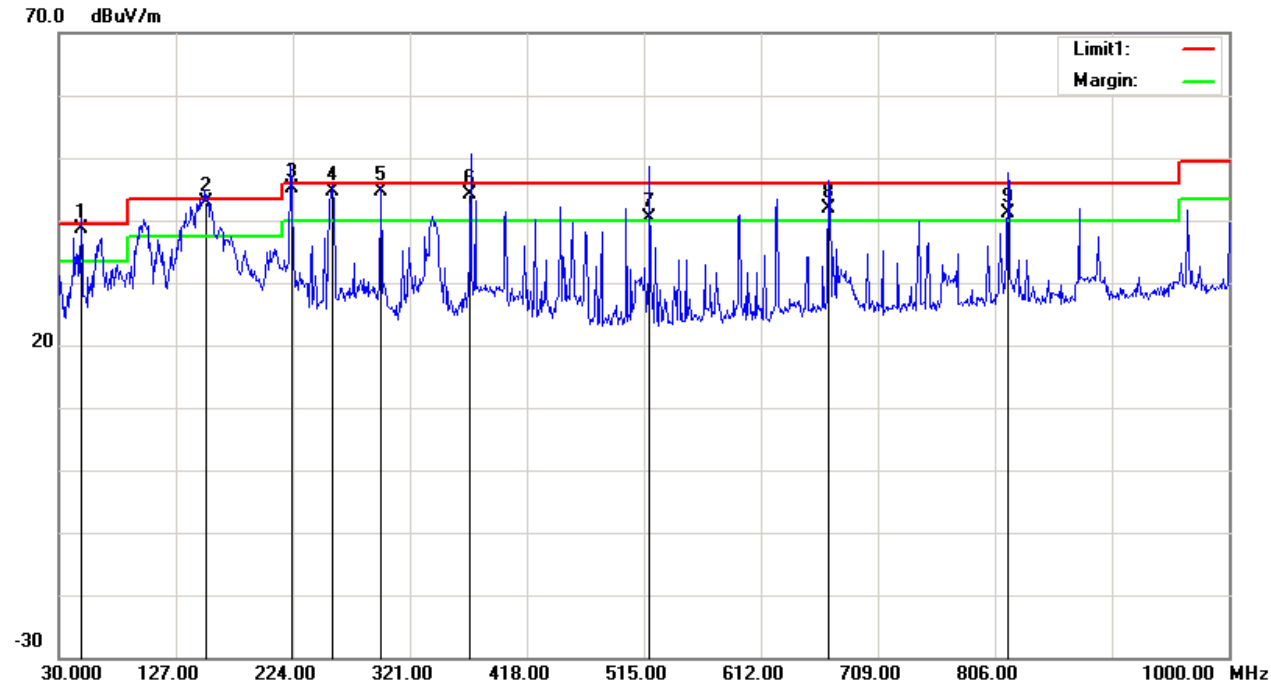
Job No.:	C170811E02	Ant.Polar.:	Horizontal
Standard:	FCC Class A 10M Radiation	Test Distance:	10m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	26(C)/42%RH	Date:2017-9-3	Time:17:02:23
Company:	LYNX	Test By:	Tony.qi
Model:	850-046445	Description:	Mode 1



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	49.1490	54.63	-16.03	38.60	39.50	-0.90	300	146	QP
2	151.6000	54.56	-11.56	43.00	43.50	-0.50	400	192	QP
3	222.7490	56.70	-11.47	45.23	46.00	-0.77	100	92	QP
4	256.6300	56.11	-11.37	44.74	46.00	-1.26	300	0	QP
5	296.6700	54.55	-9.86	44.69	46.00	-1.31	200	52	QP
6	371.2590	52.11	-8.03	44.08	46.00	-1.92	200	360	QP
7	519.7700	45.06	-4.75	40.31	46.00	-5.69	100	0	QP
8	668.0000	43.61	-1.76	41.85	46.00	-4.15	100	66	QP
9	816.7420	41.27	-0.24	41.03	46.00	-4.97	200	61	QP

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

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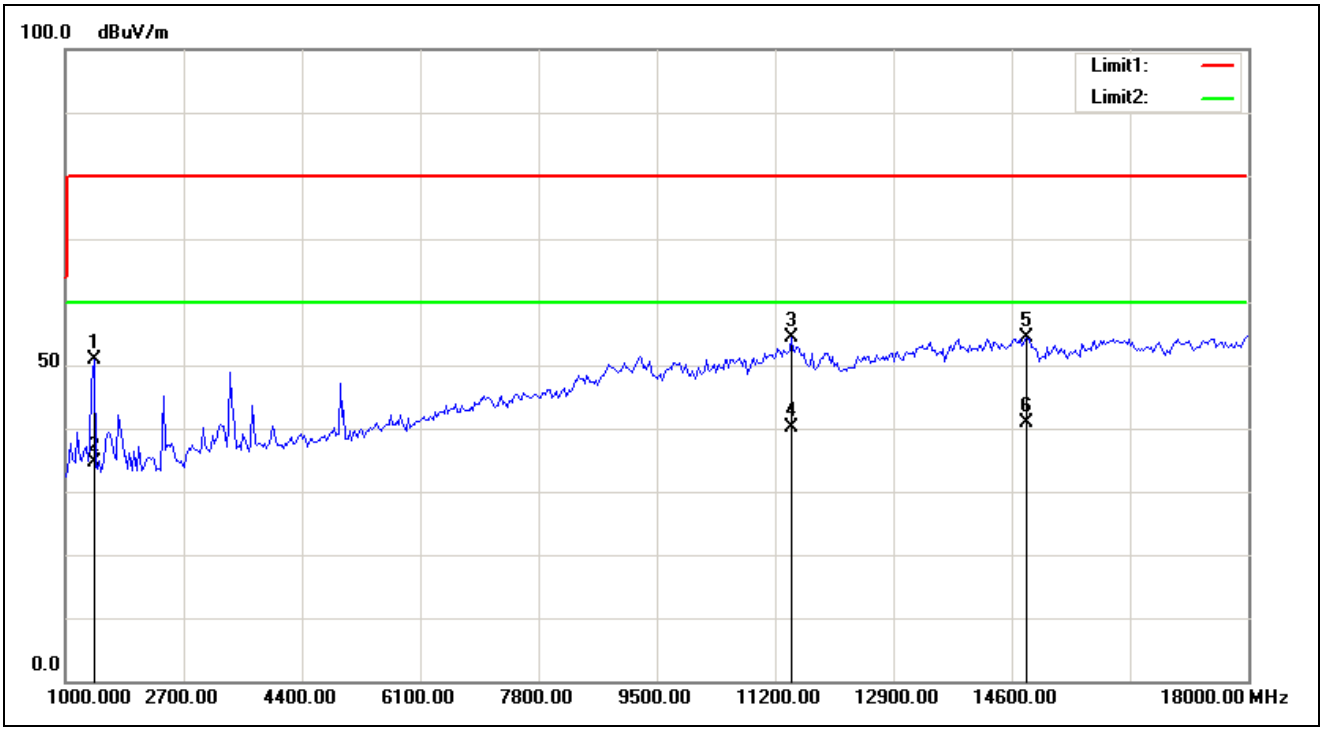
Above 1GHz

Job No.:	C170811E02	Ant.Polar.:	Vertical
Standard:	FCC Class A 3M Radiation	Test Distance:	3m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	26(C)/42%RH	Date:2017-9-4	Time:19:31:05
Company:	LYNX	Test By:	Tony.qi
Model:	850-046445	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	1408.654	63.35	-12.43	50.92	80.00	-29.08	100	301	peak
2	1408.654	46.95	-12.43	34.52	60.00	-25.48	100	301	AVG
3	11434.295	40.53	13.80	54.33	80.00	-25.67	100	145	peak
4	11434.295	26.45	13.80	40.25	60.00	-19.75	100	145	AVG
5	14812.500	37.67	16.63	54.30	80.00	-25.70	100	22	peak
6	14812.500	24.34	16.63	40.97	60.00	-19.03	100	22	AVG

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

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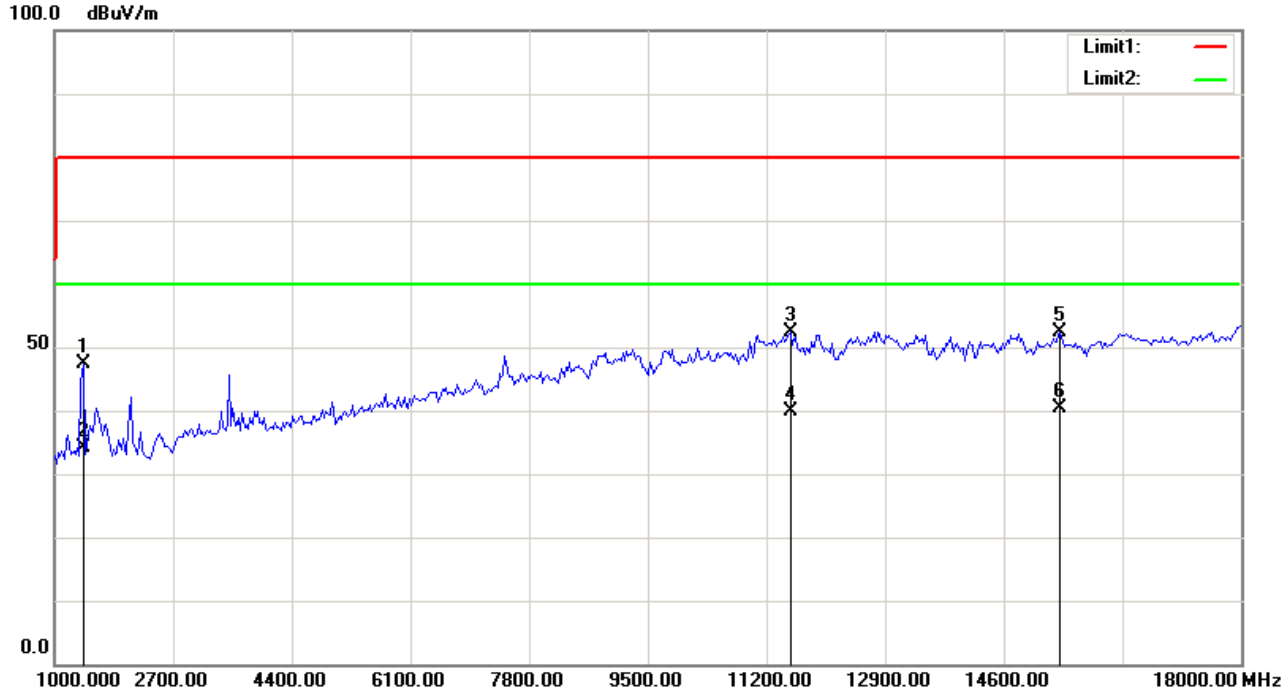
Job No.:	C170811E02	Ant.Polar.:	Horizontal
Standard:	FCC Class A 3M Radiation	Test Distance:	3m
Test item:	Radiation Test	Power:	AC 120V/60Hz
Temp.(C)/Hum.(%RH):	26(C)/42%RH	Date:2017-9-4	Time:19:24:29
Company:	LYNX	Test By:	Tony.qi
Model:	850-046445	Description:	Mode 1



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	1408.654	59.80	-12.43	47.37	80.00	-32.63	100	301	peak
2	1408.654	46.44	-12.43	34.01	60.00	-25.99	100	301	AVG
3	11543.269	38.48	13.98	52.46	80.00	-27.54	100	142	peak
4	11543.269	25.84	13.98	39.82	60.00	-20.18	100	142	AVG
5	15411.859	39.31	13.06	52.37	80.00	-27.63	100	33	peak
6	15411.859	27.37	13.06	40.43	60.00	-19.57	100	33	AVG

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

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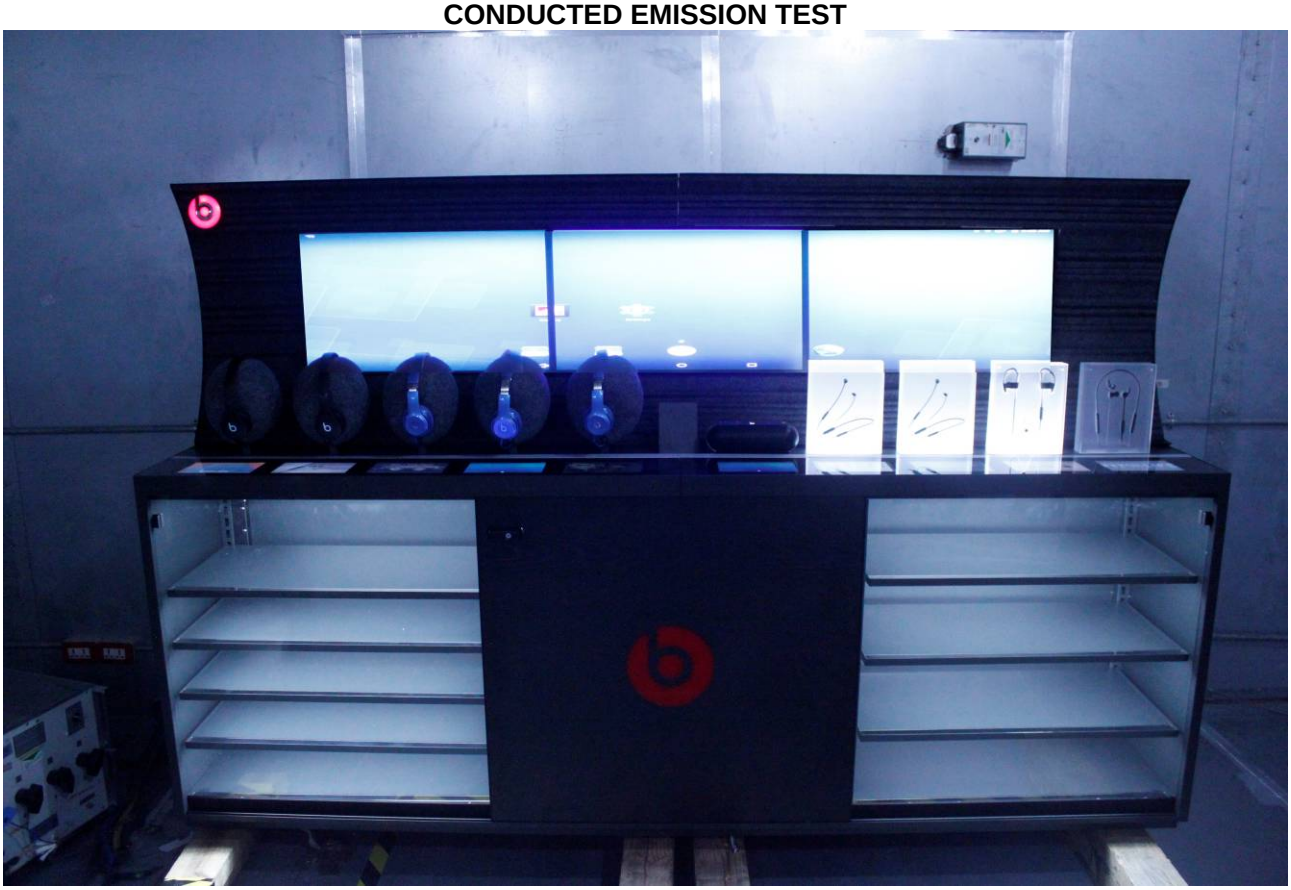
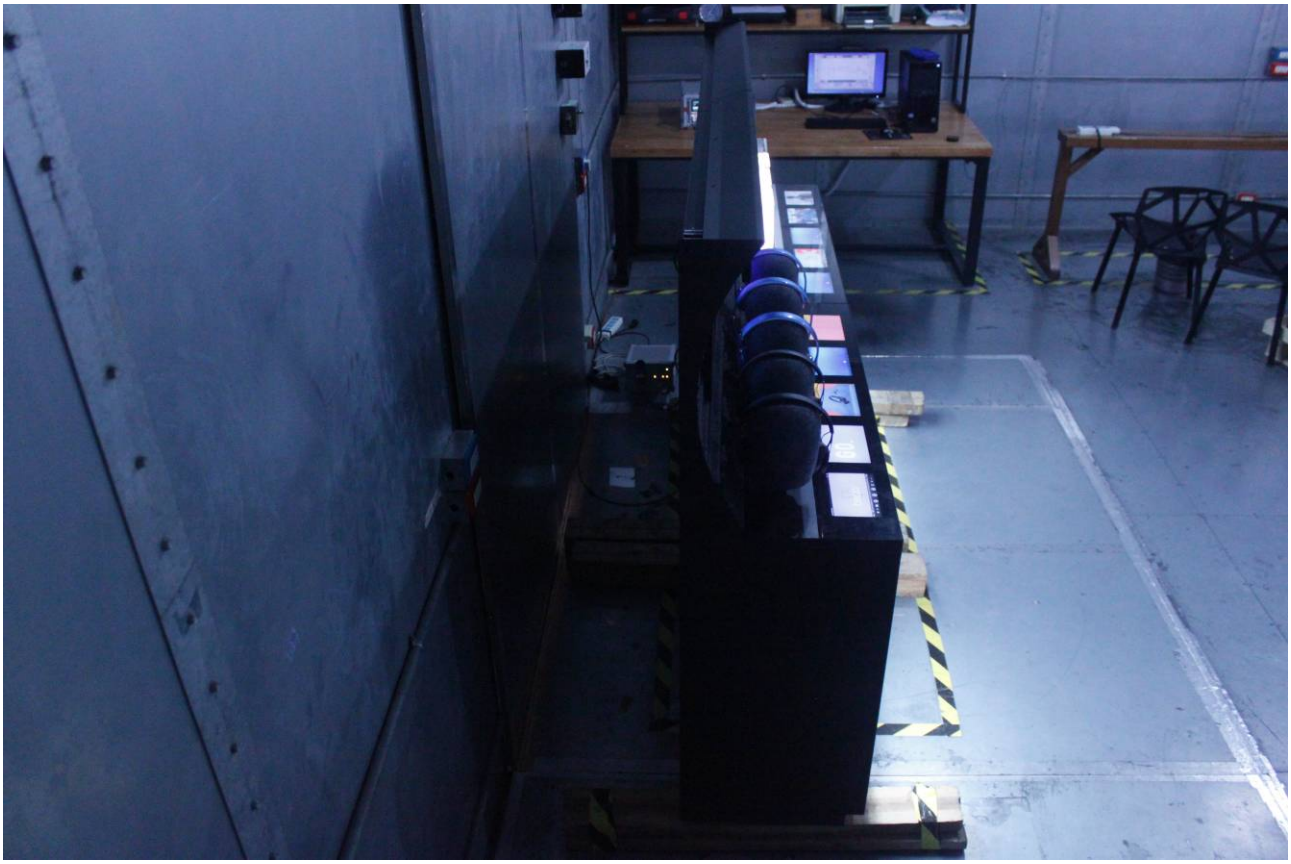
8 PHOTOGRAPHS OF THE TEST CONFIGURATION

CONDUCTED EMISSION TEST





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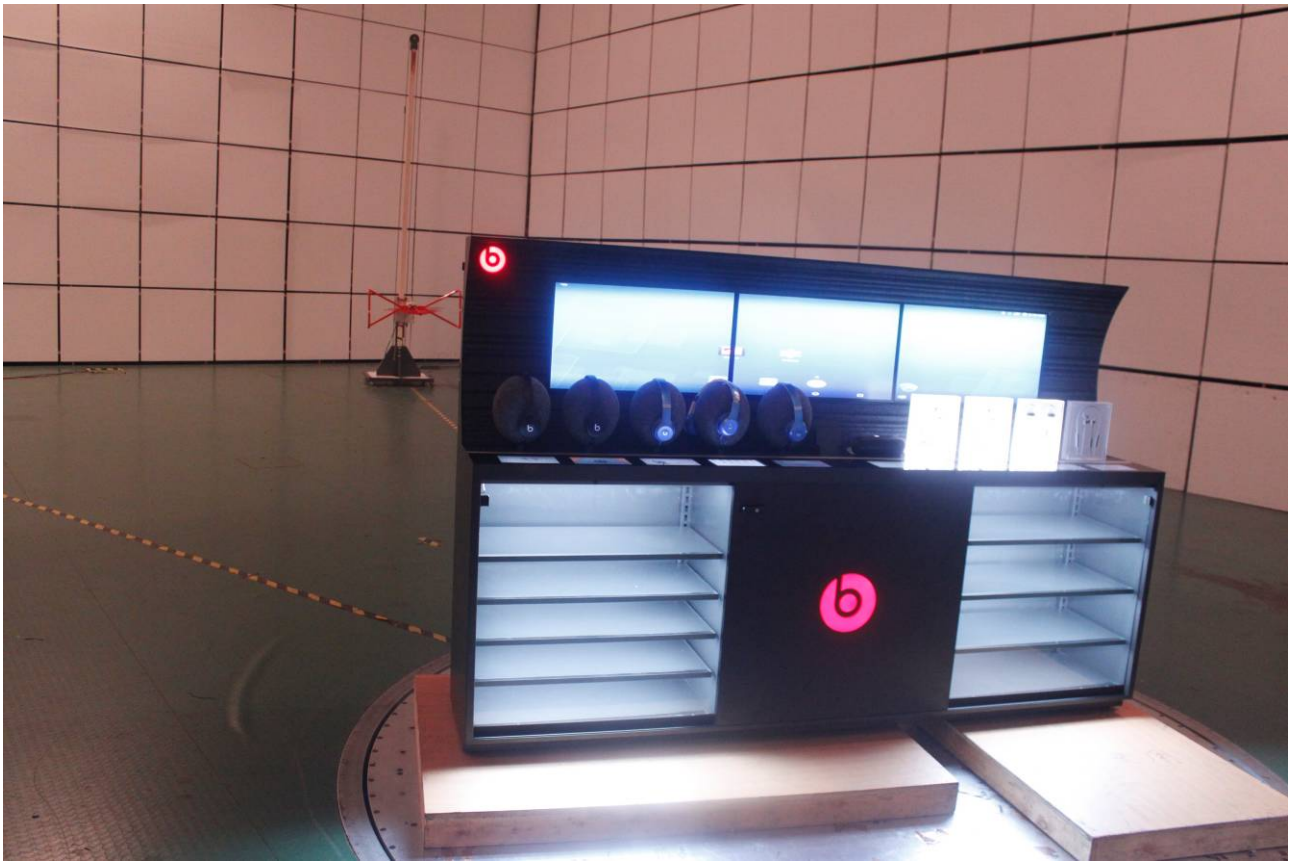
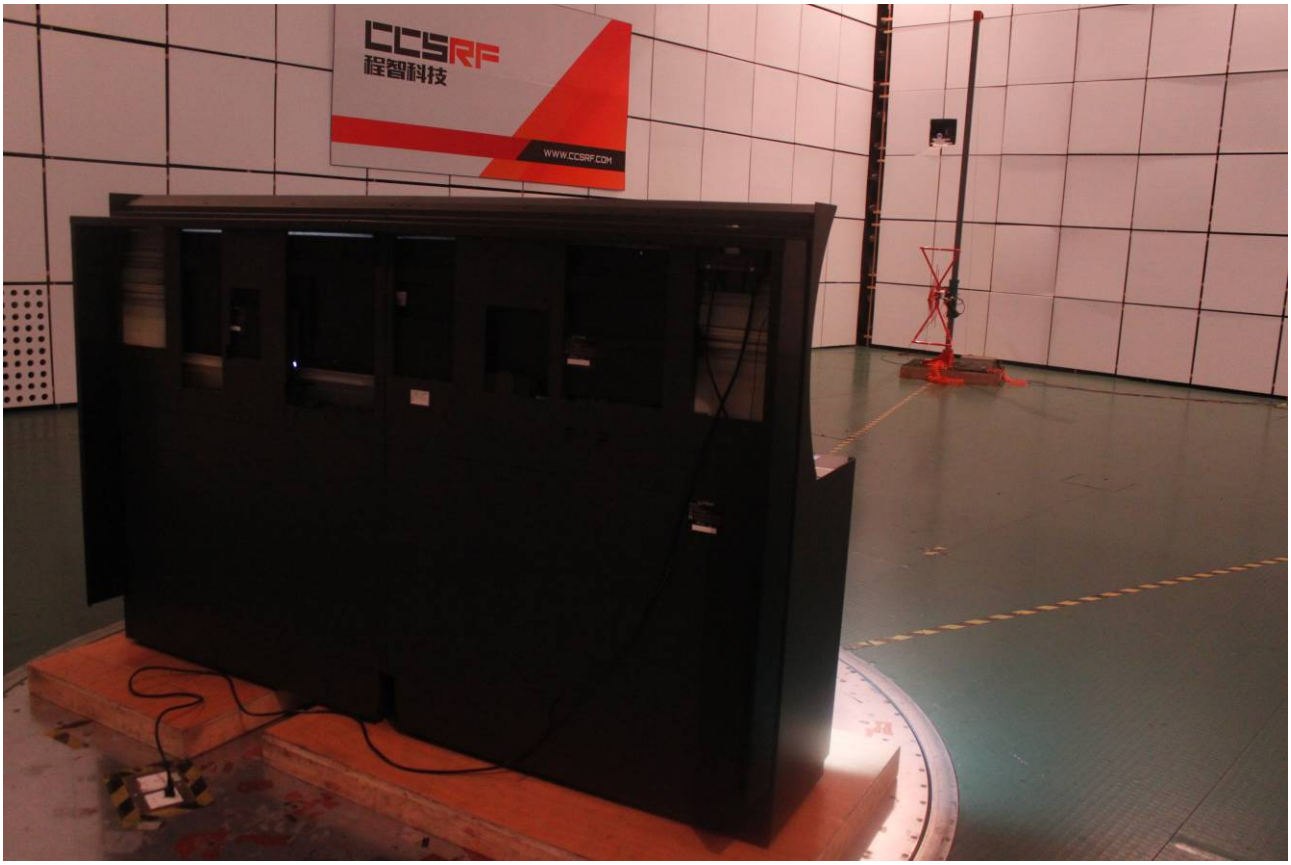
RADIATED EMISSION TEST
BELOW 1GHz





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Above 1GHz

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APPENDIX 1 - PHOTOGRAPHS OF EUT

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END OF REPORT

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