FCC Test Report

Issued Date : Apr. 24, 2014
Project No. : 1404183
Equipment : PCI Half-Size SBC
Model Name : xHSB-LN2Ix (x - Where x may be any combination of alphanumeric characters or "-" or blank.)

Applicant : AAEON Technology Inc.
Address : 5F, No. 135, Lane 235, Pao Chiao Rd. Hsin-Tien City, Taipei, Taiwan, R.O.C.

Tested by: Neutron Engineering Inc. EMC Laboratory
Date of Receipt: Apr. 11, 2014
Date of Test: Apr. 11, 2014 ~ Apr. 22, 2014

Testing Engineer : (Kener Wu)

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Testing Laboratory 0659

Declaration

Neutron represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C**., or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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REPORT ISSUED HISTORY

Issue No.	Description	Issued Date
NEI-FCCE-1-1404183	Original Issue.	Apr. 24, 2014

1. CERTIFICATION

Equipment :	PCI Half-Size SBC
Brand Name :	AAEON
Model Name :	xHSB-LN2Ix (x - Where x may be any combination of alphanumeric characters or "-" or blank.)
Applicant :	AAEON Technology Inc.
Date of Test :	Apr. 11, 2014 ~ Apr. 22, 2014
Standards :	FCC Part 15, Subpart B: 2013 Class B ICES-003 Issue 5: 2012 Class B CAN/CSA CISPR 22-10 Class B CISPR 22: 2008 Class B ANSI C63.4-2009

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCE-1-1404183) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

Emission				
Standard	Test Item	Limit	Judgment	Remark
FCC Part 15, Subpart B: 2013 ICES-003 Issue 5: 2012 CAN/CSA CISPR 22-10 CISPR 22: 2008	Conducted emission	Class A	PASS	
	Radiated emission Below 1 GHz	Class A	PASS	
	Radiated emission Above 1 GHz	Class A	PASS	**NOTE (2)**

NOTE:

(1) ”N/A” denotes test is not applicable in this Test Report.

(2) If the EUT’s max operating frequency does not exceed 108 MHz, the test will not be performed.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

Conducted emission Test:

C01: (VCCI RN: C-2918; FCC RN: 95335; FCC DN: TW1010)
No.132-1, Ln. 329, Sec. 2, Balian Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

Radiated emission Test (Below 1 GHz):

OS02: (VCCI RN: R-2669; FCC RN: 95335; FCC DN: TW1010)
No.132-1, Ln. 329, Sec. 2, Balian Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

Radiated emission Test (Above 1 GHz):

CB08: (VCCI RN: G-91; FCC RN: 614388; FCC DN: TW1054; IC Assigned Code: 4428C-1)
1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty is not specified by FCC/ Industry Canada rules and for reference only.

The reported uncertainty of measurement **y** ± **U**，where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**，providing a level of confidence of approximately **95**%.

The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2.

A. Conducted emission test:

Test Site	Measurement Frequency Range	U，(dB)	NOTE
C01	150 kHz ~ 30 MHz	1.94	

B. Radiated emission test:

Test Site	Measurement Frequency Range	Ant. H / V	U，(dB)	NOTE
OS02	30 MHz ~ 200 MHz	V	2.48	
	30 MHz ~ 200 MHz	H	2.16	
	200 MHz ~ 1, 000 MHz	V	2.50	
	200 MHz ~ 1, 000 MHz	H	2.66	

Test Site	Item	Measurement Frequency Range		Uncertainty	NOTE
CB08	Radiated emission at 3m	Horizontal Polarization	30 - 200MHz	3.35 dB	
			200 - 1000MHz	3.11 dB	
			1 - 18GHz	3.97 dB	
			18 - 40GHz	4.01 dB	
		Vertical Polarization	30 - 200MHz	3.22 dB	
			200 - 1000MHz	3.24 dB	
			1 - 18GHz	4.05 dB	
			18 - 40GHz	4.04 dB	

Our calculated Measurement Instrumentation Uncertainty is shown in the tables above.
These are our U_{lab} values in CISPR 16-4-2 terminology.
Since Table 1 of CISPR 16-4-2 has values of measurement instrumentation uncertainty, called U_{CISPR}, as follows:

Conducted Disturbance (mains port) – 150 kHz – 30 MHz : 3.6 dB

Radiated Disturbance (electric field strength on an open area test site or alternative test site) – 30 MHz – 1000 MHz : 5.2 dB

It can be seen that our U_{lab} values are smaller than U_{CISPR}.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	PCI Half-Size SBC
Brand Name	AAEON
Model Name	xHSB-LN2Ix (x - Where x may be any combination of alphanumeric characters or “-” or blank.)
OEM Brand/Model Name	N/A
Model Difference	Models’ differences between each other only the changes of model name which do not affect the EMI performance. Model xHSB-LN2Ix was used for final testing and collecting test data included in this report.
Product Description	More details of EUT technical specification please refer to the User's Manual.
Power Source	DC Voltage supplied from host system.
Power Rating	I/P: DC 5V & 12V
Connecting I/O Port(s)	Please refer to the User's Manual
Products Covered	1 * CPU: Intel Atom D525 1.80GHz
EUT Modification(s)	N/A

Note:

1. For a more detailed features description, please refer to the manufacturer’s specifications or the User's Manual.

3.2 DESCRIPTION OF TEST MODES

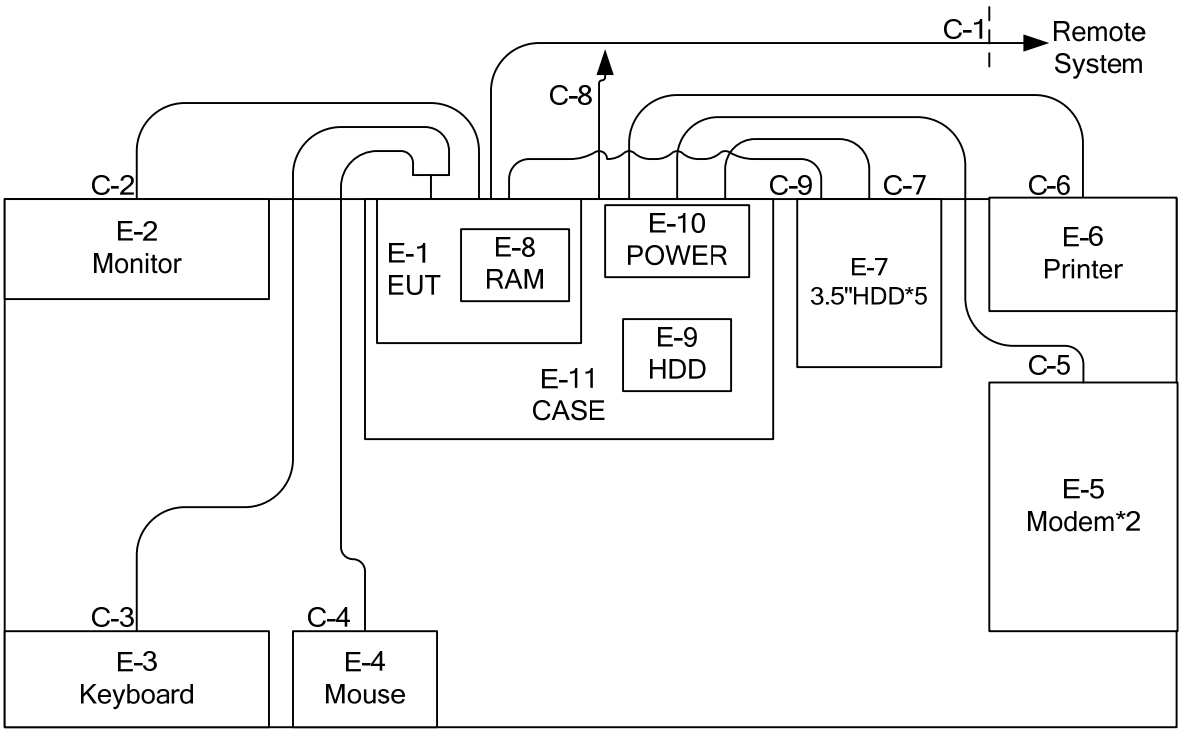
To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Test Mode	Description
Mode 1	FULL SYSTEM D-SUB 1920*1080/60Hz

Conducted emission test	
Final Test Mode	Description
Mode 1	FULL SYSTEM D-SUB 1920*1080/60Hz

Radiated emission test	
Final Test Mode	Description
Mode 1	FULL SYSTEM D-SUB 1920*1080/60Hz

3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



C-1 RJ-45 Cable*2
C-2 D-SUB Cable
C-3 PS/2 Cable
C-4 PS/2 Cable
C-5 RS232 Cable*2
C-6 Parallel Cable
C-7 USB Cable*4
C-8 RS232 Cable
C-9 USB Cable

3.4 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.

Item	Equipment	Brand	Model/Type No.	FCC ID	Series No.	Note
E-1	PCI Half-Size SBC	AAEON	xHSB-LN2Ix	VER	N/A	EUT
E-2	24” LCD Monitor	DELL	U2410f	DOC	CN-OJ257M-72872-09J-067L	
E-3	PS/2 K/B	Logitech	Y-SJ17(ACK260A)	DOC	SYU44664880	
E-4	PS/2 Mouse	Logitech	M-SBF69	DOC	HCA44601156	
E-5	Modem	ACEEX	DM-1414V	DOC	8041708	
E-6	Printer	SII	DPU-414	DOC	1045105A	
E-7	3.5” External Hard Drive	WD	WDBACW0010HBK-SESN	DOC	WCAV5J749731	
E-8	RAM	DSL	DDR3 1066 4GB CL7	N/A	N/A	
E-9	HDD	WD	WD10EZEX-22RKKA0	N/A	WMC1S5516916	
E-10	POWER	LEMACS	P1A-630P	DOC	T12A86422	
E-11	CASE	N/A	N/A	N/A	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	10M	
C-2	YES	YES	1.8M	
C-3	YES	NO	1.6M	
C-4	YES	NO	1.8M	
C-5	YES	NO	1.7M	
C-6	YES	NO	1.7M	
C-7	YES	NO	1.2M	
C-8	YES	NO	1.7M	
C-9	YES	NO	1.2M	

Note:

(1) The support equipment was authorized by Declaration of Conformity (DOC).

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION TEST

4.1.1 LIMITS (FREQUENCY RANGE 150 KHZ-30MHZ)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 - 5.0	73.00	60.00	56.00	46.00
5.0 - 30.0	73.00	60.00	60.00	50.00

NOTE:

(1) The tighter limit applies at the band edges.
(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
Margin Level = Measurement Value – Limit Value

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TWO-LINE V-NETWORK	R&S	ENV216	101050	Apr. 22, 2014
2	Test Cable	TIMES	CFD300-NL	C01	Jun. 16, 2014
3	EMI Test Receiver	R&S	ESCI	100082	Mar. 20, 2015
4	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Remark: “N/A” denotes No Model Name, No Serial No. or No Calibration specified.

4.1.3 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

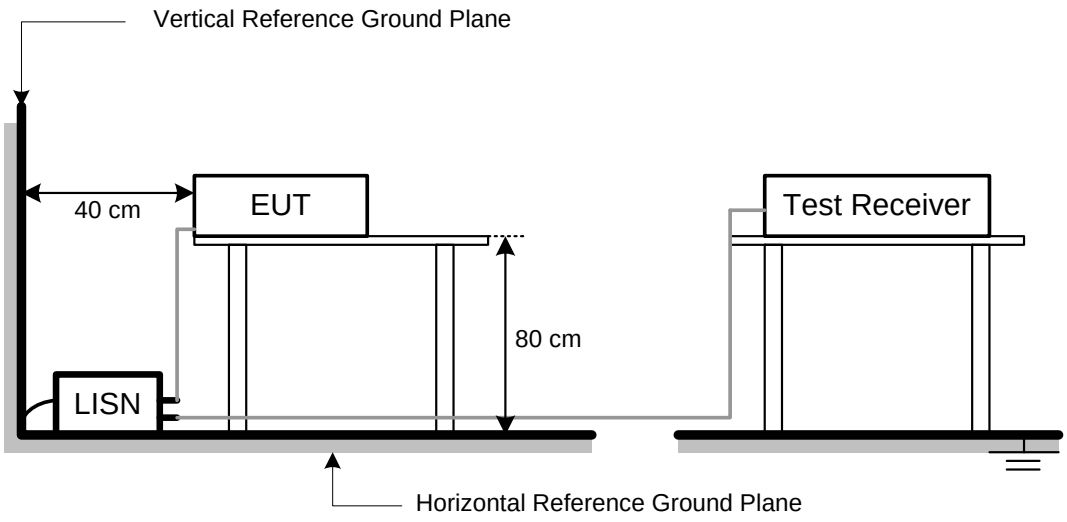
NOTE:

a. Reading in which marked as Peak, QP or AVG means measurements by using are Quasi-Peak or Average Mode with Detector BW=9 kHz (6 dB Bandwidth).
b. All readings are Peak Mode value unless otherwise stated QP or AVG in column of Note. If the Peak or QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only Peak or QP Mode was measured, but AVG Mode didn‘t perform.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



4.1.6 EUT OPERATING CONDITIONS

The PC exercise program (EMC TEST) used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use. The program contained on a PC hard disk and is auto-starting on power-up. Once loaded, the program sequentially exercises each system component in turn. The sequence used is:

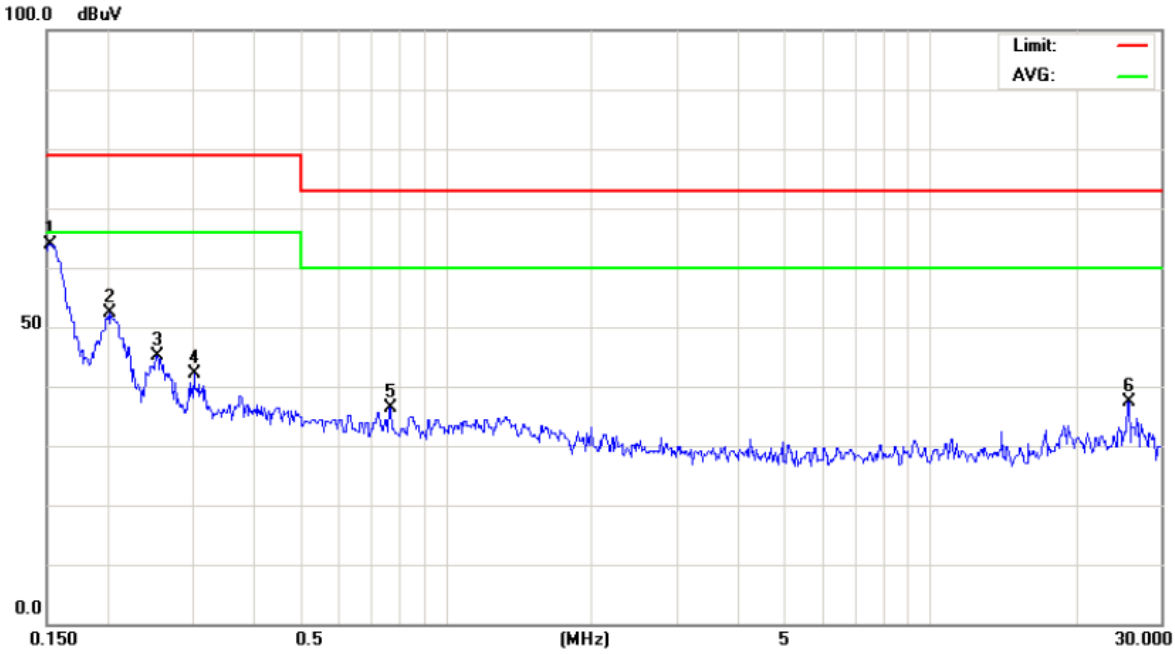
1. Read (write) from (to) mass storage device (External HDD).
2. Send "H" pattern to video port device (Monitor).
3. Send "H" pattern to parallel port device (Printer).
4. Send "H" pattern to serial port device (Modem).
5. Send/Receive data to/from remote system.
6. Repeated from 2 to 5 continuously.

As the keyboard and mouse are strictly input devices, no data is transmitted to (from) them during test. They are, however, continuously scanned for data input activity.

4.1.7 TEST RESULTS

EUT	PCI Half-Size SBC	Model Name	xHSB-LN2Ix
Temperature	22°C	Relative Humidity	64%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz		

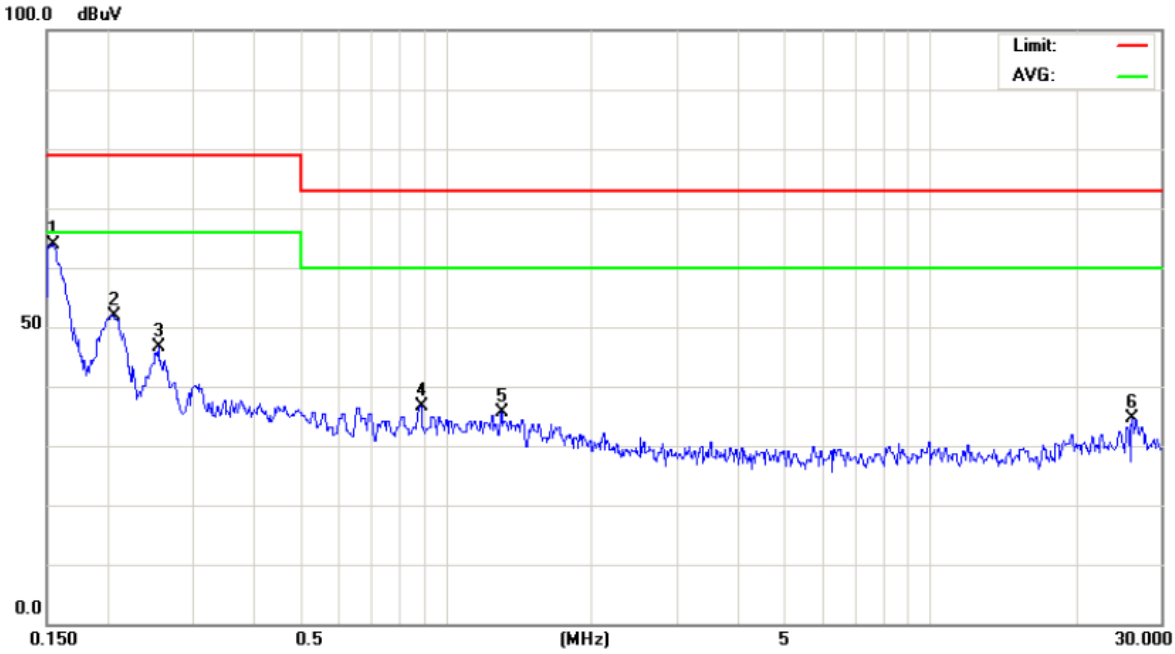
Phase: Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1521	54.23	9.72	63.95	79.00	-15.05	peak	
2		0.2025	42.23	10.20	52.43	79.00	-26.57	peak	
3		0.2522	35.26	9.89	45.15	79.00	-33.85	peak	
4		0.3011	32.54	9.59	42.13	79.00	-36.87	peak	
5		0.7700	26.70	9.63	36.33	73.00	-36.67	peak	
6		25.6000	27.62	9.85	37.47	73.00	-35.53	peak	

EUT	PCI Half-Size SBC	Model Name	xHSB-LN2Ix
Temperature	22°C	Relative Humidity	64%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz		

Phase: Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1542	54.06	9.74	63.80	79.00	-15.20	peak	
2		0.2053	41.71	10.19	51.90	79.00	-27.10	peak	
3		0.2543	36.77	9.88	46.65	79.00	-32.35	peak	
4		0.8870	26.93	9.63	36.56	73.00	-36.44	peak	
5		1.3010	25.94	9.65	35.59	73.00	-37.41	peak	
6		26.1000	24.63	9.88	34.51	73.00	-38.49	peak	

4.2 RADIATED EMISSION TEST

4.2.1 LIMITS

Below 1 GHz

FREQUENCY (MHz)	Class A (at 10m) dBuV/m	Class B (at 10m) dBuV/m
30 - 230	40	30
230 - 1000	47	37

NOTE:

(1) The limit for radiated test was performed according to as following:
FCC Part 15, Subpart B: 2013; ICES-003 Issue 5: 2012; CAN/CSA-CISPR 22-10;
CISPR 22: 2008.
(2) The tighter limit applies at the band edges.
(3) Emission level (dBuV/m) = 20log Emission level (uV/m).
(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

Above 1 GHz

FREQUENCY (MHz)	Class A (dBuV/m) (at 3m)		Class A (dBuV/m) (at 10m)	
	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000	80	60	69.5	49.5

FREQUENCY (MHz)	Class B (dBuV/m) (at 3m)	
	PEAK	AVERAGE
Above 1000	74	54

NOTE:

(1) The limit for radiated test was performed according to as following:
FCC Part 15, Subpart B: 2013; ICES-003 Issue 5: 2012.
(2) The tighter limit applies at the band edges.
(3) Emission level (dBuV/m) = 20log Emission level (uV/m).
3m Emission level = 10m Emission level + 20log(10m/3m).
(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

FREQUENCY RANGE OF RADIATED MEASUREMENT (FOR UNINTENTIONAL RADIATORS)

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

4.2.2 MEASUREMENT INSTRUMENTS LIST

Below 1 GHz:

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	Schwarzbeck	VULB 9160	3173	Nov. 28, 2014
2	Pre-Amplifier	Anritsu	MH648A	M98457	Jun. 02, 2014
3	Test Cable	TIMES	LMR-400	10M-OS01	Jun. 02, 2014
4	Test Cable	TIMES	LMR-400	OS02	Jun. 02, 2014
5	EMI Test Receiver	R&S	ESCI	100082	Mar. 20, 2015
6	System Controller (OS02)	CT	SC100	N/A	N/A
7	Turn Table	Chance Most	CMTB-1.5	N/A	N/A
8	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Above 1 GHz:

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Horn Antenna (1G)	Schwarzbeck	BBHA 9120 D	9120D-325	Jun. 15, 2014
2	Pre_Amplifier	Agilent	8449B	3008A01714	Apr. 15, 2015
3	Microflex Cable	HARBOUR INDUSTRIES	27478 LL142	1M	May. 13, 2014
4	Microflex Cable	AISI	S104-SMAP-1	10M	May. 15, 2014
5	Microflex Cable	HARBOUR INDUSTRIES	27478 LL142	3M	May. 13, 2014
6	Spectrum Analyzer	R&S	FSP-40	100129	Jun. 20, 2014
7	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Remark: “N/A” denotes No Model Name, No Serial No. or No Calibration specified.

4.2.3 TEST PROCEDURE

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m or 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
c. The initial step in collecting radiated emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
d. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

NOTE: (Below 1 GHz)

a. Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode with Detector BW=120 kHz.
b. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform.

NOTE: (Above 1 GHz)

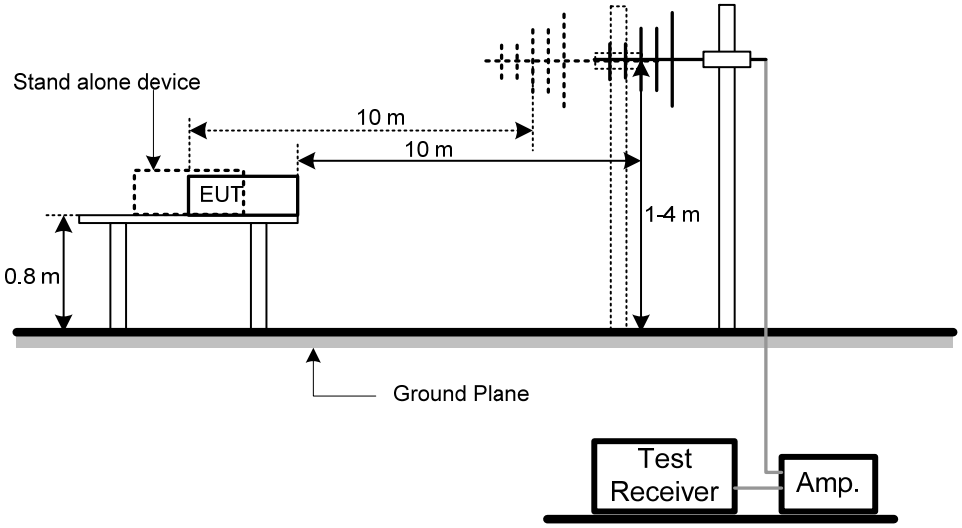
a. Reading in which marked as Peak means measurements by using are Peak Mode with instrument setting in RBW= 1 MHz, VBW= 1 MHz.
Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW= 1 MHz, VBW= 10 Hz.
b. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform.

4.2.4 DEVIATION FROM TEST STANDARD

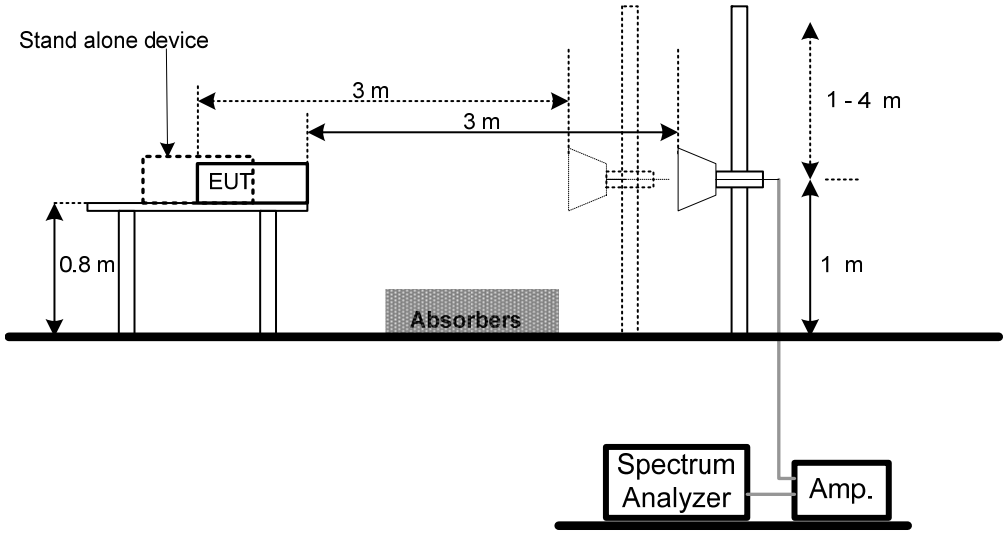
No deviation

4.2.5 TEST SETUP

Below 1 GHz



Above 1 GHz



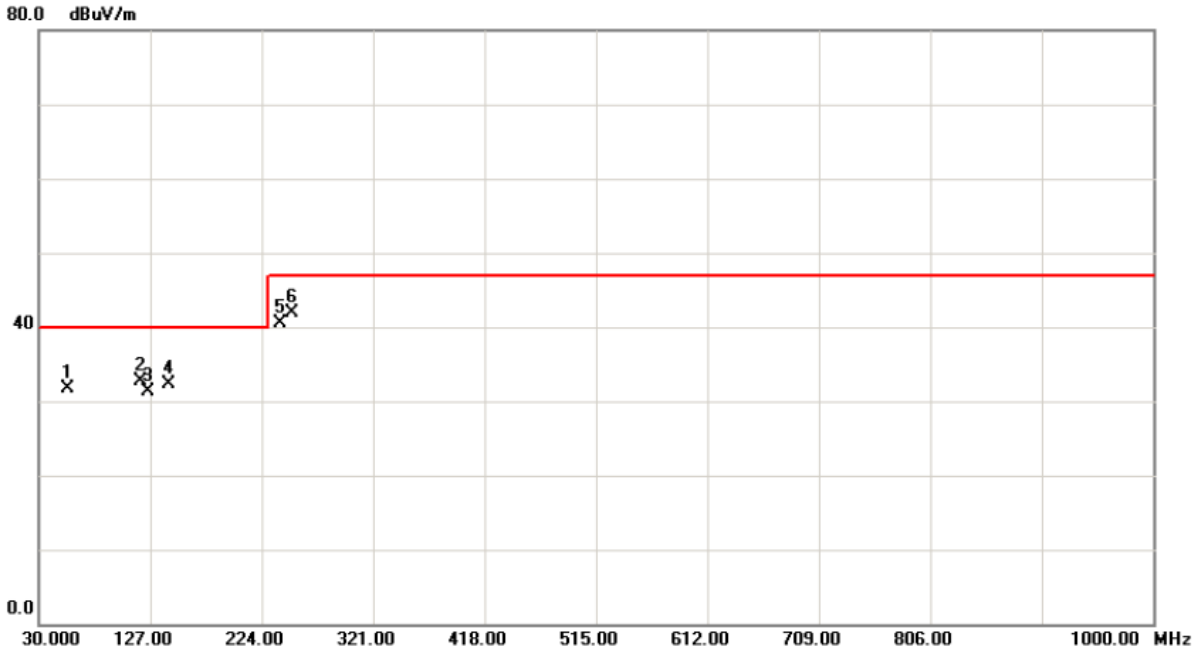
4.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6** Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.7 TEST RESULTS-BELOW 1 GHZ

EUT	PCI Half-Size SBC	Model Name	xHSB-LN2Ix
Temperature	22°C	Relative Humidity	64%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz		

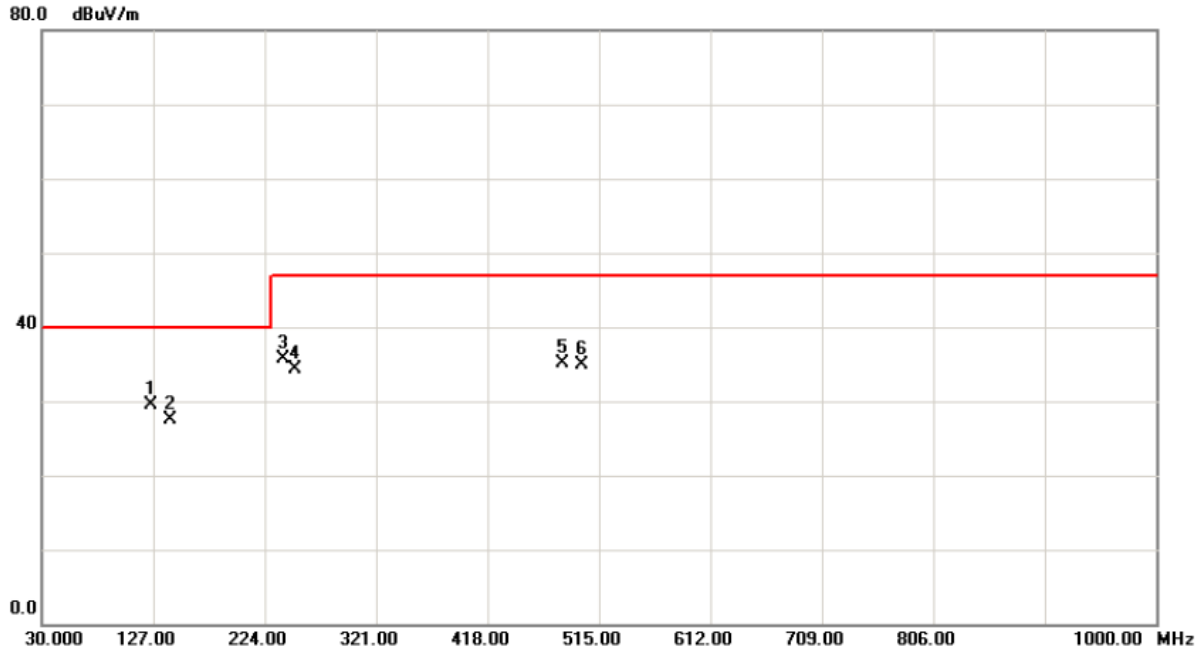
Polarization: Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		55.3080	36.61	-4.91	31.70	40.00	-8.30	peak	
2		118.5800	37.04	-4.42	32.62	40.00	-7.38	peak	
3		125.0000	35.29	-4.07	31.22	40.00	-8.78	peak	
4		143.6700	35.84	-3.60	32.24	40.00	-7.76	peak	
5		240.0150	46.43	-5.85	40.58	47.00	-6.42	peak	
6	*	250.0000	47.35	-5.54	41.81	47.00	-5.19	peak	

EUT	PCI Half-Size SBC	Model Name	xHSB-LN2Ix
Temperature	22°C	Relative Humidity	64%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz		

Polarization: Horizontal

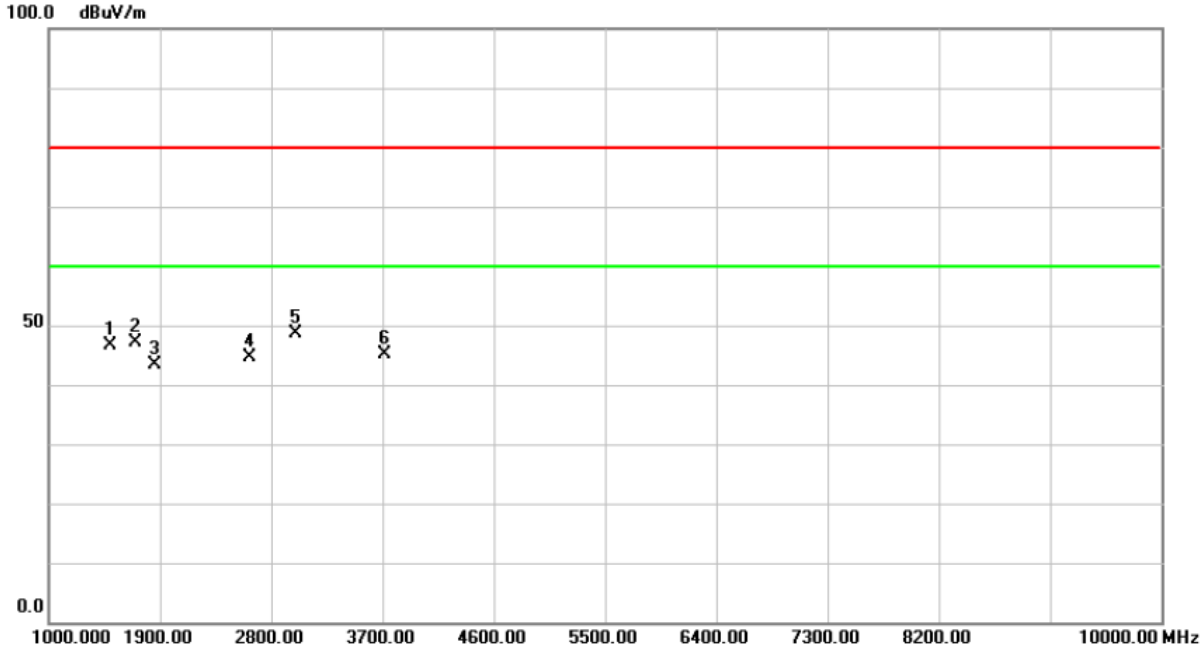


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	125.0000	33.48	-4.07	29.41	40.00	-10.59	peak	
2		142.5120	31.14	-3.58	27.56	40.00	-12.44	peak	
3		240.0020	41.54	-5.85	35.69	47.00	-11.31	peak	
4		250.0030	39.79	-5.54	34.25	47.00	-12.75	peak	
5		483.8600	34.44	0.70	35.14	47.00	-11.86	peak	
6		500.0090	33.93	0.92	34.85	47.00	-12.15	peak	

4.2.8 TEST RESULTS-ABOVE 1 GHZ

EUT	PCI Half-Size SBC	Model Name	xHSB-LN2Ix
Temperature	25°C	Relative Humidity	62%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz		

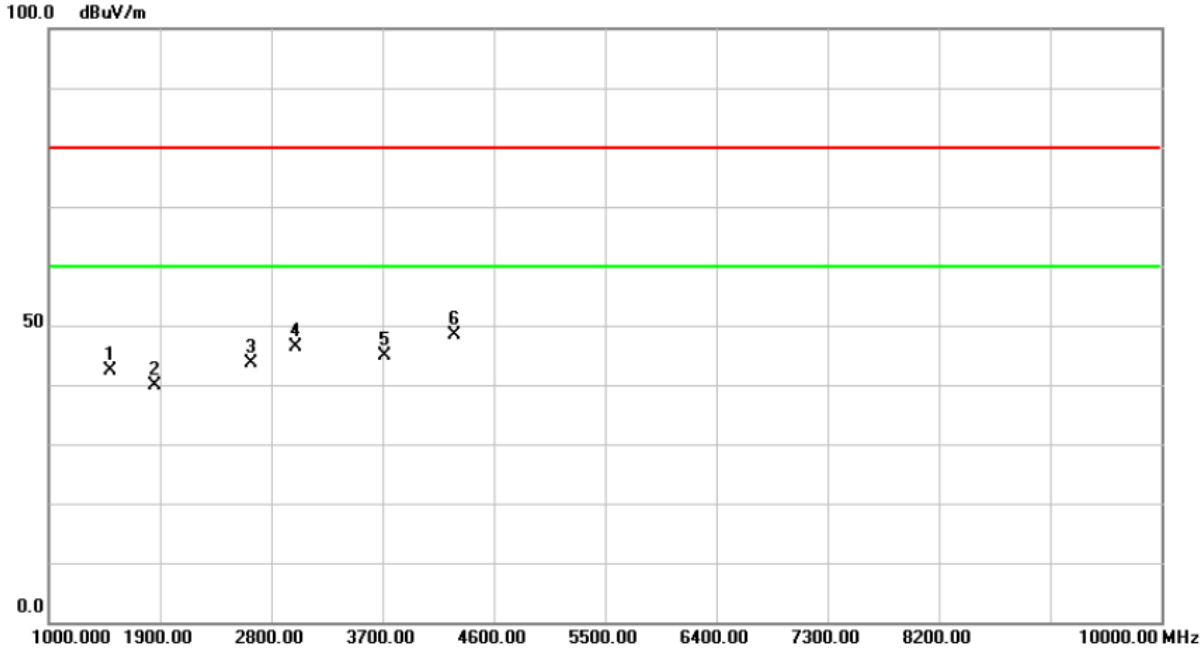
Polarization: Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1495.000	49.94	-3.40	46.54	80.00	-33.46	peak	
2		1697.500	49.86	-2.74	47.12	80.00	-32.88	peak	
3		1860.000	45.66	-2.23	43.43	80.00	-36.57	peak	
4		2620.000	44.42	0.32	44.74	80.00	-35.26	peak	
5	*	3002.500	48.04	0.62	48.66	80.00	-31.34	peak	
6		3720.000	41.64	3.42	45.06	80.00	-34.94	peak	

EUT	PCI Half-Size SBC	Model Name	xHSB-LN2Ix
Temperature	25°C	Relative Humidity	62%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz		

Polarization: Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1495.000	45.79	-3.40	42.39	80.00	-37.61	peak	
2		1860.000	42.12	-2.23	39.89	80.00	-40.11	peak	
3		2642.500	43.30	0.35	43.65	80.00	-36.35	peak	
4		3002.500	45.88	0.62	46.50	80.00	-33.50	peak	
5		3720.000	41.44	3.42	44.86	80.00	-35.14	peak	
6	*	4285.000	43.26	5.14	48.40	80.00	-31.60	peak	

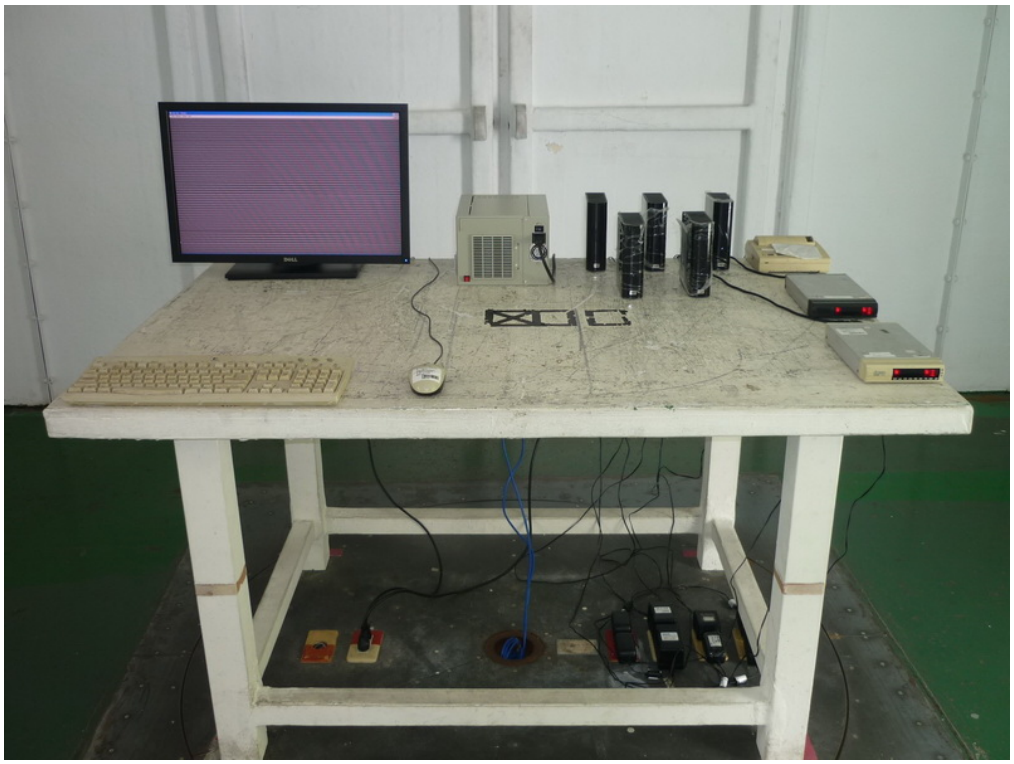
5. EUT TEST PHOTO

Conducted emission test photos

FULL SYSTEM D-SUB 1920*1080/60Hz

Radiated emission below 1 GHz test photos

FULL SYSTEM D-SUB 1920*1080/60Hz



Radiated emission above 1 GHz test photos

FULL SYSTEM D-SUB 1920*1080/60Hz