

FCC Test Report

Issued Date : Dec. 28, 2009 **Project No.** : E0912044

Equipment: Fanless embedded controller

Model Name: xxxxxAEC-6841-xxxxxxxx (Where x is

0-9, A-Z, - or blank) for marketing

purpose

Applicant: AAEON Technology Inc.

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Tested by:

Neutron Engineering Inc. EMC Laboratory

Date of Test:

Dec. 11, 2009 ~ Dec. 25, 2009

Testing Engineer:

Technical Manager:

Authorized Signatory:

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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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1. CERTIFICATION

Equipment: Fanless embedded controller

Brand Name: AAEON

Model Name: xxxxxAEC-6841-xxxxxxxxx (Where x is 0-9, A-Z, - or blank) for marketing

purpose

Applicant: AAEON Technology Inc.

Date of Test: Dec. 11, 2009 ~ Dec. 25, 2009 Standards: FCC Part 15, Subpart B Class A

CISPR 22: 2005 +A1: 2005 ClassA

ICES-003: 2004 Class A ANSI C63.4 (2003)

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-E0912044) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and TAF according to the ISO-17025 quality assessment standard and technical standard(s).

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2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

Emission					
Standard	Test Item	Limit	Judgment	Remark	
FCC Part 15, Subpart B CISPR 22: 2005 +A1: 2005	Conducted Emission	Class A	PASS		
ICES-003: 2004	Radiated Emission	Class A	PASS		

NOTE:

- (1) " N/A" denotes test is not applicable in this Test Report.
- (2) For client's request and manual description, the test will not be executed.

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2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **C01/OS01/CB08** at the location of No.132-1, Lane 329, Sec. 2, Palian Road, Shijr City, Taipei, Taiwan.

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $\mathbf{y} \pm \mathbf{U}$, where expended uncertainty \mathbf{U} is based on a standard uncertainty multiplied by a coverage factor of $\mathbf{k=2}$, providing a level of confidence of approximately $\mathbf{95}\%$ \circ

A. Conducted Measurement:

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

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)	NOTE
		30MHz ~ 200MHz	V	2.86	
OS-01	ANSI	30MHz ~ 200MHz	Н	2.56	
03-01	ANSI	200MHz ~ 1,000MHz	V	2.88	
		200MHz ~ 1,000MHz	Н	2.98	
		30MHz ~ 200MHz	V	2.48	
OS-02	ANSI	30MHz ~ 200MHz	Н	2.16	
		200MHz ~ 1,000MHz	V	2.50	
		200MHz ~ 1,000MHz	Н	2.66	

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3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Fanless embedded controller
Brand Name	AAEON
Model Name	xxxxxAEC-6841-xxxxxxxx (Where x is 0-9, A-Z, - or blank) for marketing purpose
OEM Brand/Model Name	N/A
Model Difference	Model xxxxxAEC-6841-xxxxxxxx, x may be 0-9, A-Z, - or blank for marketing purpose. Models' differences between each other only the changes of model name which do not affect the EMI performance.
Product Description	The EUT is a Fanless embedded controller. Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.
Power Source	DC Voltage supplied from AC/DC adapter.
Power Rating	I/P: AC 100-240V~1.0A, 50-60Hz / O/P: DC 12.0V, 3.0A MAX (36W MAX)
Connecting I/O Port(s)	Please refer to the User's Manual
Products Covered	CPU: Intel / Intel Atom N270 1.6GHz HDD: Fujitsu / MHW2040AC 40GB Memory: Transcend / DDR2-667 1GB/SEC K4T51083QE Adapter: FSP / FSP036-1AD101C
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.

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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 1680*1050/60Hz

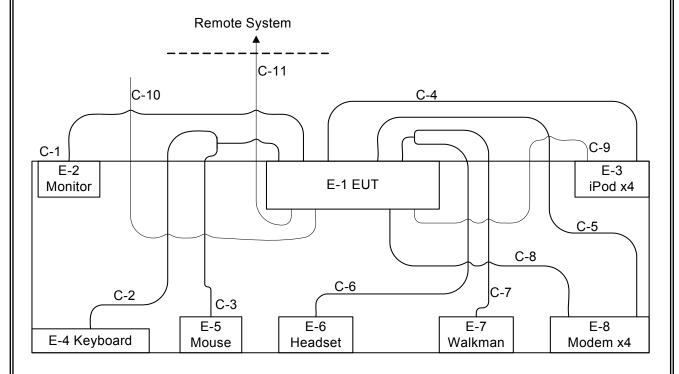
For Conducted Test					
Final Test Mode	Description				
Mode 1	FULL SYSTEM D-SUB 1680*1050/60Hz				

For Radiated Test					
Final Test Mode Description					
Mode 1	FULL SYSTEM D-SUB 1680*1050/60Hz				

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3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



C-1 D-SUB Cable

C-2 PS/2 Cable

C-3 PS/2 Cable

C-4 USB Cable x2

C-5 RS232 Cable x2

C-6 Audio Cable x2

C-7 Audio Cable

C-8 RS232 Cable x2

C-9 USB Cable x2 C-10 Data Cable x2 C-11 RJ-45 Cable x2

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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	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-1	Fanless embedded controller	AAEON	xxxxxAEC-6841-xxxxxxxx	N/A	N/A	EUT
E-2	22" Wide LCD Monitor	AOC	TFT22W90PS+	DOC	A3271JA002822	
E-3	iPod nano	Apple	A1137	DOC	YM63604QUPR	
E-4	PS/2 K/B	Logitech	Y-SJ17(ACK260A)	DOC	SYU44664880	
E-5	PS/2 Mouse	Logitech	M-SBF69	DOC	HCA44601156	
E-6	Headset	Shiern-Chiu	KHM-108	N/A	N/A	
E-7	Walkman	N/A	KT-V860	N/A	N/A	
E-8	Modem	ACEEX	DM-1414V	DOC	8041708	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	YES	YES	1.8M	
C-2	YES	NO	1.6M	
C-3	YES	NO	1.8M	
C-4	YES	NO	1.0M	
C-5	YES	NO	1.7M	
C-6	NO	NO	1.9M	
C-7	NO	NO	1.6M	
C-8	YES	NO	1.7M	
C-9	YES	NO	1.0M	
C-10	NO	NO	2.0M	
C-11	NO	NO	10.0M	

Note:

- (1) The support equipment was authorized by Declaration of Conformity.
- (2) For detachable type I/O cable should be specified the length in cm in <code>[Length]</code> column.

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4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (FREQUENCY RANGE 150KHZ-30MHZ)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
TINEQUEINOT (IVII IZ)	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.

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	nent Manufacturer Type No. Serial No.		Calibrated until	
1	LISN	EMCO	3816/2	00042991	Jan. 21, 2010
2	Test Cable	N/A	SR03_C_01 &02	N/A	Aug. 19, 2010
3	Pulse Limiter	Electro-Metrics	EM-7600	112644	Dec. 28, 2009
4	EMI Test Receiver	R&S	ESCI	100082	Mar. 17, 2010
5	50Ω BNC TYPE Terminator	N/A	N/A	01	May 25, 2011
6	50Ω BNC TYPE Terminator	N/A	N/A	03	May 25, 2011
7	LISN	EMCO	4825/2	00028234	Jul. 13, 2010

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

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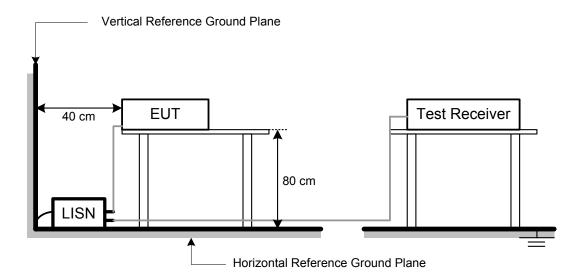
4.1.3 TEST PROCEDURE

- 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.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



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4.1.6 EUT OPERATING CONDITIONS

The EUT exercise program (EMC.exe) 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 (EUT-iPod).
- 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. Send/Receive audio to/from audio devices.
- 7. Repeated from 2 to 6 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.

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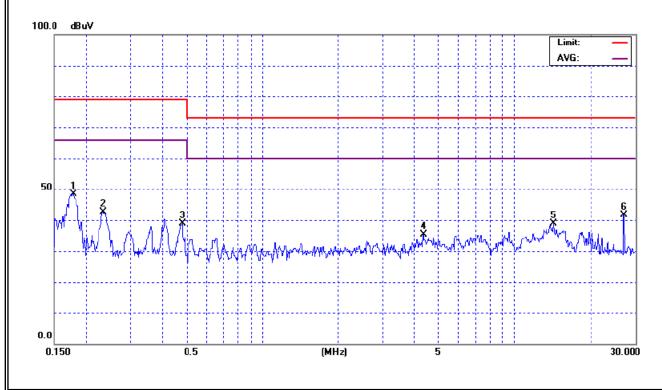
4.1.7 TEST RESULTS

E.U.T:	Fanless embedded controller	Model Name :	xxxxxAEC-6841-xxxxxxxx		
Temperature :	22°C	Relative Humidity:	50%		
Test Voltage :	AC 120V/60Hz				
Test Mode :	FULL SYSTEM D-SUB 1680*1	FULL SYSTEM D-SUB 1680*1050/60Hz			

Freq.	Terminal	Measured(dBuV)		Limits(dBuV)		Margin	Note
(MHz)	L/N	QP-Mode	AV-Mode	QP-Mode	AV-Mode	(dB)	NOLE
0.18	Line	48.31	*	79.00	66.00	-30.69	(QP)
0.23	Line	42.70	*	79.00	66.00	-36.30	(QP)
0.48	Line	39.00	*	79.00	66.00	-40.00	(QP)
4.34	Line	35.39	*	73.00	60.00	-37.61	(QP)
14.30	Line	38.88	*	73.00	60.00	-34.12	(QP)
27.15	Line	41.59	*	73.00	60.00	-31.41	(QP)

Remark

- (1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz; SPA setting in RBW=10KHz, VBW =10KHz, Swp. Time = 0.2 sec./MHz∘ Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=10KHz, VBW=10KHz, Swp. Time =0.2 sec./MHz∘
- (2) All readings are QP Mode value unless otherwise stated AVG in column of Note ... If the 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 QP Mode was measured, but AVG Mode didn't perform In this case, a " * " marked in AVG Mode column of Interference Voltage Measured •
- (3) Measuring frequency range from 150KHz to 30MHz \circ



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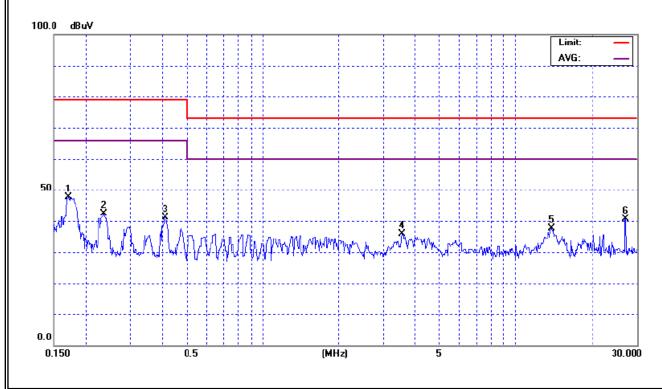


E.U.T:	Fanless embedded controller	Model Name :	xxxxxAEC-6841-xxxxxxxx		
Temperature :	22°C	Relative Humidity:	50%		
Test Voltage :	AC 120V/60Hz				
Test Mode :	FULL SYSTEM D-SUB 1680*1	FULL SYSTEM D-SUB 1680*1050/60Hz			

Freq.	Terminal	Measured(dBuV)		Limits(dBuV)		Margin	Note
(MHz)	L/N	QP-Mode	AV-Mode	QP-Mode	AV-Mode	(dB)	NOLE
0.17	Neutral	47.57	*	79.00	66.00	-31.43	(QP)
0.24	Neutral	42.30	*	79.00	66.00	-36.70	(QP)
0.41	Neutral	41.01	*	79.00	66.00	-37.99	(QP)
3.56	Neutral	35.80	*	73.00	60.00	-37.20	(QP)
13.85	Neutral	37.62	*	73.00	60.00	-35.38	(QP)
27.15	Neutral	40.71	*	73.00	60.00	-32.29	(QP)

Remark

- (1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz; SPA setting in RBW=10KHz, VBW =10KHz, Swp. Time = 0.2 sec./MHz∘ Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=10KHz, VBW=10KHz, Swp. Time =0.2 sec./MHz∘
- (2) All readings are QP Mode value unless otherwise stated AVG in column of Note ... If the 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 QP Mode was measured, but AVG Mode didn't perform In this case, a " * " marked in AVG Mode column of Interference Voltage Measured •
- (3) Measuring frequency range from 150KHz to 30MHz $^{\circ}$



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4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT (BELOW 1000MHZ)

FREQUENCY (MHz)	Class A (at 10m)	Class B (at 10m)	
TIVEQUENCT (IVII 12)	dBuV/m	dBuV/m	
30 – 230	40	30	
230 – 1000	47	37	

Notes:

- (1) The limit for radiated test was performed according to as following: CISPR 22/ FCC PART 15B /ICES-003.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

LIMITS OF RADIATED EMISSION MEASUREMENT (ABOVE 1000MHZ)

FREQUENCY (MHz)	Class A (dBu	V/m) (at 3m)	Class B (dBuV/m) (at 3m)		
	PEAK	AVERAGE	PEAK	AVERAGE	
Above 1000	80	60	74	54	

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15B.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

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

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4.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	Schwarzbeck	VULB 9160	3176	Aug. 3, 2010
2	Pre-Amplifier	Anritsu	MH648A	M09961	Dec. 29, 2009
3	Test Cable	N/A	LMR-400	N/A	Jan. 05, 2010
4	Test Cable	N/A	OS01-1	01	Jun. 23, 2010
5	EMI Measuring Receiver	SHCAFFNER	SCR 3501	408	Dec.15, 2010
6	Spectrum Analyzer	ADVAN TEST	R3162	140100131	Jun. 18, 2010
7	Positioning Controller (OS01)	MF	MF7802	N/A	N/A
8	Turn Table	Chance Most	CMTB-1.5	N/A	N/A
9	Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-546	Jun. 04, 2010
10	Microwave Pre_amplifier	Agilent	8449B	3008A01714	Apr. 20, 2010
11	Microflex Cable	N/A	N/A	1m	May. 20, 2010
12	Microflex Cable	AISI	S104-SMAP- 1	10m	Aug. 23, 2010
13	Microflex Cable	N/A	N/A	3m	Aug. 23, 2010
14	Spectrum Analyzer	R&S	FSP-40	100129	Sep. 10, 2010

Remark: "N/A" denotes No Model Name / Serial No. and No Calibration specified.

4.2.3 TEST PROCEDURE

- a. The measuring distance of at 10 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. 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.
- c. 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.
- d. 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.
- e. 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.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

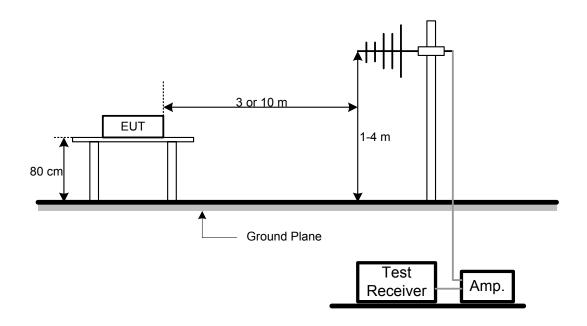
4.2.4 DEVIATION FROM TEST STANDARD

No deviation

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4.2.5 TEST SETUP



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.

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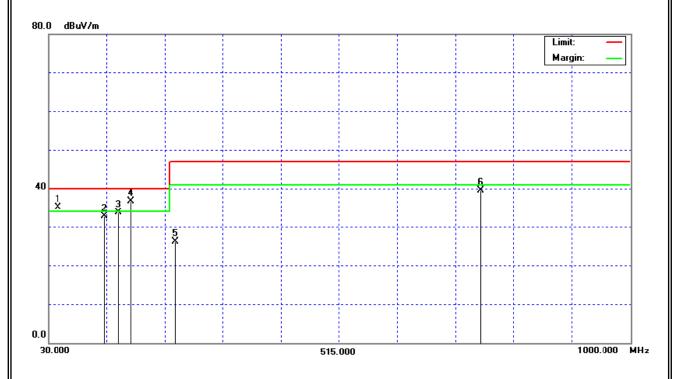
4.2.7 TEST RESULTS-BETWEEN 30MHZ AND 1000MHZ

E.U.T:	Fanless embedded controller	Model Name :	xxxxxAEC-6841-xxxxxxxx			
Temperature :	23°C	Relative Humidity:	56%			
Test Voltage :	AC 120V/60Hz	AC 120V/60Hz				
Test Mode :	FULL SYSTEM D-SUB 1680*1	FULL SYSTEM D-SUB 1680*1050/60Hz				

Freq.	Ant.	Reading(RA)	Corr.Factor(CF)	Measured(FS)	Limits(QP)	Margin	Note
(MHz)	H/V	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	NOIC
45.05	V	40.49	-5.37	35.12	40.00	- 4.88	
122.14	V	38.61	-5.83	32.78	40.00	- 7.22	
146.40	V	37.96	-4.22	33.74	40.00	- 6.26	
166.04	V	41.57	-4.80	36.77	40.00	- 3.23	
240.06	V	31.76	-5.75	26.01	47.00	- 20.99	(QP)
750.01	V	33.58	6.01	39.59	47.00	- 7.41	

Remark:

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = $0.3 \text{ sec./MHz} \circ$
- (2) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measure-ment didn't perform \circ
- (3) Measuring frequency range from 30MHz to 1000MHz \circ
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not how in table \circ



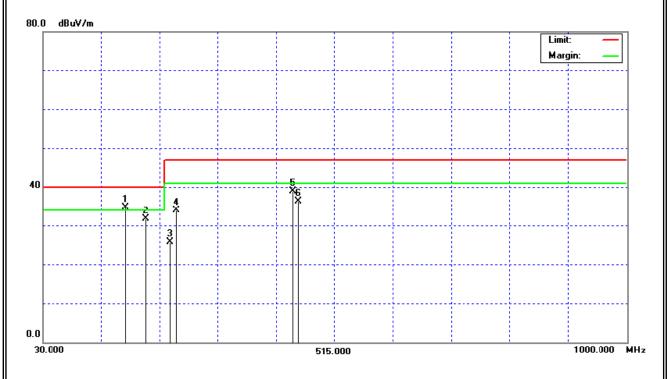
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E.U.T:	Fanless embedded controller	Model Name :	xxxxxAEC-6841-xxxxxxxx		
Temperature :	23°C	Relative Humidity:	56%		
Test Voltage :	AC 120V/60Hz				
Test Mode :	FULL SYSTEM D-SUB 1680*1	FULL SYSTEM D-SUB 1680*1050/60Hz			

Freq.	Ant.	Reading(RA)	Corr.Factor(CF)	Measured(FS)	Limits(QP)	Margin	Note
(MHz)	H/V	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Note
166.03	Н	39.47	-4.80	34.67	40.00	- 5.33	
199.87	Η	39.38	-7.63	31.75	40.00	- 8.25	
240.05	Н	31.39	-5.75	25.64	47.00	- 21.36	(QP)
250.01	Н	39.42	-5.44	33.98	47.00	- 13.02	
444.24	Н	38.82	0.15	38.97	47.00	- 8.03	
454.69	Н	35.97	0.38	36.35	47.00	- 10.65	

Remark:

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = $0.3 \text{ sec./MHz} \circ$
- (2) All readings are Peak unless otherwise stated QP in column of \lceil Note $_{
 m J}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measure-ment didn't perform $_{
 m O}$
- (3) Measuring frequency range from 30MHz to 1000MHz o
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not how in table \circ



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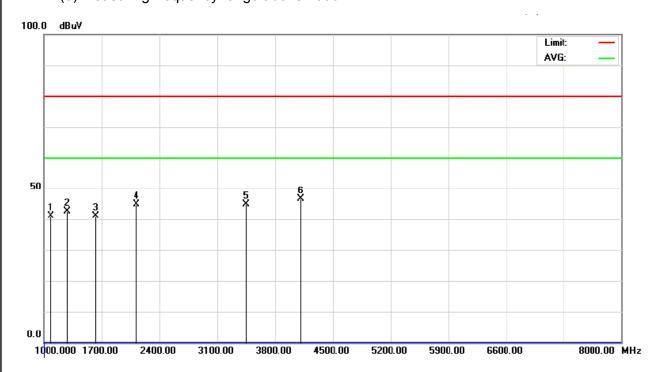
4.2.8 TEST RESULTS-ABOVE 1000MHZ

E.U.T:	Fanless embedded controller	Model Name :	xxxxxAEC-6841-xxxxxxxx				
Temperature :	25°C	Relative Humidity:	47%				
Test Voltage :	AC 120V/60Hz						
Test Mode :	FULL SYSTEM D-SUB 1680*1050/60Hz						

Freq.	Ant.Pol.	Reading(dBuV)		Ant./CF	Act.(dBuV/m)		Limit(dBuV/m)		Note
(MHz)	(H/V)	Peak	AV	CF(dB)	Peak	AV	Peak	AV	Note
1084.00	V	48.56	-	-7.47	41.09	-	70.00	50.00	
1280.00	V	48.92	-	-6.38	42.54	-	70.00	50.00	
1630.00	V	45.93	1	-4.90	41.03	-	70.00	50.00	
2120.00	V	48.59	1	-3.71	44.88	-	70.00	50.00	
3450.00	V	45.46	-	-0.53	44.93	-	74.00	54.00	
4108.00	V	45.12	-	1.63	46.75	-	74.00	54.00	

Remark:

- (1) Reading in which marked as PK means measurements by using are Peak Mode with instrument setting in RBW= 1 MHz, VBW= 1 MHz, Swp. Time = Auto. Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW= 1 MHz, VBW= 10 Hz, Swp. Time = Auto.
- (2) All readings are PK Mode value unless otherwise stated AVG in column of 『Note』. If the PK Mode Measured value compliance with the PK Limits and lower than AVG Limits, the EUT shall be deemed to meet both PK & AVG Limits and then only PK Mode was measured, but AVG Mode didn't perform. In this case, a " * " marked in AVG Mode column of Interference Voltage Measured.
- (3) Measuring frequency range above 1000MHz.



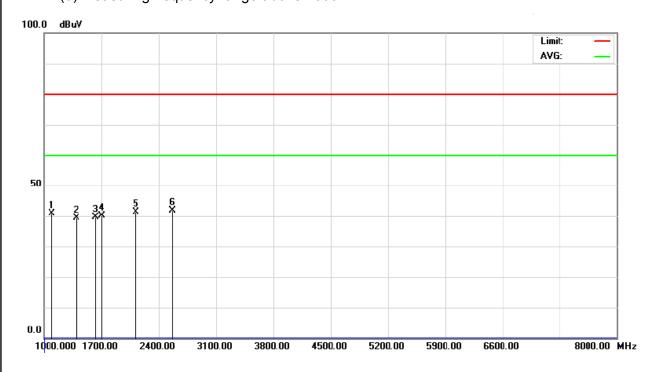
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E.U.T:	Fanless embedded controller	Model Name :	xxxxxAEC-6841-xxxxxxxx				
Temperature :	25°C	Relative Humidity:	47%				
Test Voltage :	AC 120V/60Hz						
Test Mode :	FULL SYSTEM D-SUB 1680*1050/60Hz						

Freq.	Ant.Pol.	Reading(dBuV)		Ant./CF	Act.(dBuV/m)		Limit(dBuV/m)		Note
(MHz)	(H/V)	Peak	AV	CF(dB)	Peak	AV	Peak	AV	Note
1098.00	Н	48.20	-	-7.39	40.81	-	70.00	50.00	
1392.00	Н	45.09	-	-5.75	39.34	-	70.00	50.00	
1630.00	Н	44.50	ı	-4.90	39.60	-	70.00	50.00	
1700.00	Н	44.88	1	-4.76	40.12	-	70.00	50.00	
2120.00	Н	45.05	-	-3.71	41.34	-	70.00	50.00	
2568.00	Н	43.99	ı	-2.23	41.76	-	70.00	50.00	

Remark:

- (1) Reading in which marked as PK means measurements by using are Peak Mode with instrument setting in RBW= 1 MHz, VBW= 1 MHz, Swp. Time = Auto. Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW= 1 MHz, VBW= 10 Hz, Swp. Time = Auto.
- (2) All readings are PK Mode value unless otherwise stated AVG in column of 『Note』. If the PK Mode Measured value compliance with the PK Limits and lower than AVG Limits, the EUT shall be deemed to meet both PK & AVG Limits and then only PK Mode was measured, but AVG Mode didn't perform. In this case, a " * " marked in AVG Mode column of Interference Voltage Measured.
- (3) Measuring frequency range above 1000MHz.



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5. EUT TEST PHOTO

Conducted Measurement Photos





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Radiated Measurement Photos BETWEEN 30MHZ AND 1000MHZ





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Radiated Measurement Photos

ABOVE 1000MHZ





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