



FCC TEST REPORT

REPORT NO.: F920430A06

MODEL NO.: SBC-780-XXX-XX

RECEIVED: April 30, 2003

TESTED: May 02 ~ 19, 2003

APPLICANT: ICP ELECTRONICS INC.

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ISSUED BY: Advance Data Technology Corporation

LAB LOCATION: 47 14th Lin, Chiapau Tsun, Linko, Taipei,
Taiwan, R.O.C.

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0528
ILAC MRA



Lab Code: 200102-0



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1 CERTIFICATION

PRODUCT: Full-Size CPU Card
BRAND NAME: AAEON
MODEL NO: SBC-780-XXX-XX
TEST ITEM: ENGINEERING SAMPLE
APPLICANT: AAEON TECHNOLOGY INC.
STANDARDS: FCC Part 15, Subpart B, Class A
ANSI C63.4-1992

We, **Advance Data Technology Corporation**, hereby certify that one sample (model: SBC-780-A10) of the designation has been tested in our facility from May 02 ~ 19, 2003. The test record, data evaluation and Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions herein specified.

PREPARED BY: Kathy Tseng, **DATE:** June 02, 2003
(Kathy Tseng)

APPROVED BY: Mike Su., **DATE:** June 02, 2003
(Mike Su, Manager)



2 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

Standard	Test Type	Result	Remarks
FCC Part 15, Subpart B, Class A	Conducted Test	PASS	Meets Class B Limit Minimum passing margin is -16.62 dB at 20.865 MHz
ANSI C63.4-1992	Radiated Test	PASS	Meets Class A Limit Minimum passing margin is -5.20 dB at 146.12 MHz



3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Full-Size CPU Card
MODEL NO.	SBC-780-XXX-XX
POWER SUPPLY	Switching Rating: Input: 115/230V, 7/4A, 50-60Hz
DATA CABLE	N/A

Note: The EUT is a Full-Size CPU Card.

The "X" could be defined as "A~Z" "0~9" or blank according to customer's requirement.

During the test, the model SBC-780-A10 was chosen as a representative model and therefore only its test data was recorded in this report

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

3.2 DESCRIPTION OF TEST MODES

The following parts and EUT are used to establish a basic configuration of system during the test:

COMPONENT	BRAND & MODEL NO.
CPU	Intel PIII, 1.24Hz
HDD	Maxtor, model: 4D040H2, 40.0GB
FDD	Teac, model: FD-235HF, 1.44MB
CD-ROM	FREEY, model: CD205IE, 52X
MEMORY	GENIUNE, model: QESR015, 64MB
POWER SUPPLY	SEVENTEAM, model: ST-300HLP Rating: Input: 115-240V, 8A, 50-60Hz Output: +3.3V 30A, +5V 40A, +12V 15A, -5V 0.5A, -12V 1A, +5sb 2A Max 276W



3.3 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.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	MONITOR	ADI	CM100	020058T102001 79	FCC DoC Approve
2	PRINTER	EPSON	LQ-300+	DCGY017075	FCC DoC Approved
3	MODEM	ACEEX	1414	980020534	IFAXDM1414
4	MODEM	ACEEX	1414	980020532	IFAXDM1414
5	MODEM	ACEEX	1414	980020506	IFAXDM1414
6	USB KEYBOARD	SiliconGraphis	SK-2502U	M990206057	GYUR58SK
7	PS/2 KEYBOARD	BTC	5121W	A00801380	E5XKB5121WTH01 10
8	USB MOUSE	Geniusnet	828 U+P	66820011004460	FCC DoC Approved
9	PS/2 MOUSE	LOGITECH	M-S61	HCA12605763	JNZ211403
10	EARPHONE	KOKA	ST-8	H201040	N/A
11	CASSETTE RECORDER	ADITION	BS-722A	C0102026	N/A
12	MICROPHONE	CAROL	MUD-329	N/A	N/A
13	SPEAKER	JAZZ	J-008	J791149	N/A
14	PERSONAL COMPUTER	NTI	PIII450	P201178	FCC DoC Approved
15	PERSONAL COMPUTER	NTI	PI I-450T	P201140	FCC DoC Approved
16	MONITOR	HP	D2842A	KR93473118	BEJCB910
17	MONITOR	ADI	CM100	N/A	FCC DoC Approved
18	PS/2 KEYBOARD	BTC	5121W	A00801371	E5XKB5121WTH0110
19	PS/2 KEYBOARD	BTC	5121W	A00801377	E5XKB5121WTH0110
20	PS/2 MOUSE	DEXIN	A2P800A	80102095	NIYA2P800A
21	PS/2 MOUSE	LOGITECH	M-S61	HCA12002841	JNZ211403

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	1.8 m braid shielded wire, terminated with VGA connector via metallic frame, w/o core
2	1.2m braid shielded wire, terminated with DB25 and Centronics connector via metallic frame, w/o core
3	1.2 m braid shielded wire, terminated with DB25 and DB9 connector via metallic frame, w/o core.
4	1.2 m braid shielded wire, terminated with DB25 and DB9 connector via metallic frame, w/o core.
5	1.2 m braid shielded wire, terminated with DB25 and DB9 connector via metallic frame, w/o core.
6	2.5 m braid shielded wire, terminated with USB connector via drain wire, w/o core.
7	1.6 m foil shielded wire, terminated with PS/2 connector via metallic frame, w/o core.
8	1.5 m foil shielded wire, terminated with USB connector via drain wire, w/o core.
9	1.8 m Non shielded wire, terminated with PS/2 connector via drain wire, w/o core.
10	1.8 m wrapped shielded wire, terminated with 3.5mm phone plug via drain wire, w/o core.
11	N/A
12	3.0 m wrapped shielded wire, terminated via drain wire, with 3.5 mm phone plug, w/o core.
13	1.1 m wrapped shielded wire, terminated via drain wire, with 3.5 mm phone plug, w/o core.
14	N/A
15	N/A
16	1.8 m braid shielded wire, terminated with VGA connector via metallic frame, w/o core.
17	1.8 m braid shielded wire, terminated with VGA connector via metallic frame, w/o core
18	1.6 m foil shielded wire, terminated with PS/2 connector via metallic frame, w/o core.
19	1.6 m foil shielded wire, terminated with PS/2 connector via metallic frame, w/o core.
20	1.5 m foil shielded wire, terminated with PS/2 connector via drain wire, w/o core.
21	1.8 m Non shielded wire, terminated with PS/2 connector via drain wire, w/o core.

- NOTE:**
1. All power cords of the above support units are non shielded (1.8m).
 2. The EUT acted as SERVER PC and communicated with support units 14~21(kept in a remote area), which acted as WORKSTATION and partners of communication system via two UTP Lan cable (10m) x2.

4 EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 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 of 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.

4.1.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
ROHDE & SCHWARZ Test Receiver	ESCS30	834115/016	Mar. 04, 2004
ROHDE & SCHWARZ Artificial Mains Network (For EUT)	ESH2-Z5	892107/003	July 10, 2003
* ROHDE & SCHWARZ 4-wire ISN	ENY41	838119/028	Nov. 29, 2003
* ROHDE & SCHWARZ 2-wire ISN	ENY22	837497/018	Nov. 29, 2003
EMCO L.I.S.N. (For peripherals)	3825/2	9504-2359	July 10, 2003
Software	Cond-V2M3	NA	NA
RF cable (JYEBAO)	5D-FB	Cable-C03.01	July 11, 2003
Terminator (For EMCO LISN)	NA	E1-01-300	Feb. 23, 2004
Terminator (For EMCO LISN)	NA	E1-01-301	Feb. 23, 2004

- 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. "*": These equipment are used for conducted telecom port test only (if tested).
 3. The test was performed in ADT Shielded Room No. 3.
 4. The VCCI Site Registration No. is C-274.

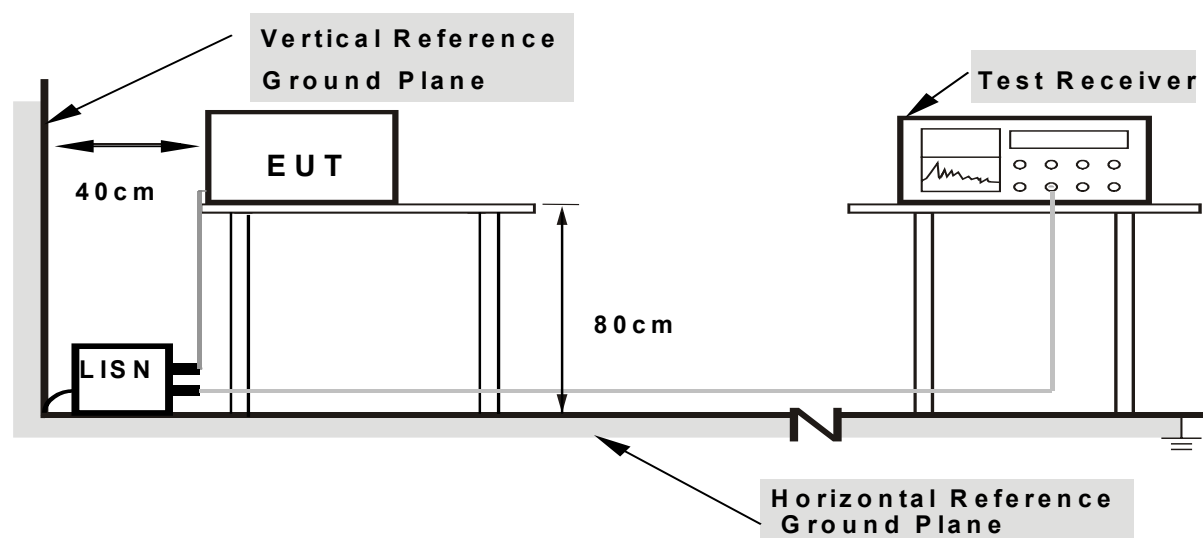
4.1.3 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels over 10dB under the prescribed limits could not be reported.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

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



4.1.6 EUT OPERATING CONDITIONS

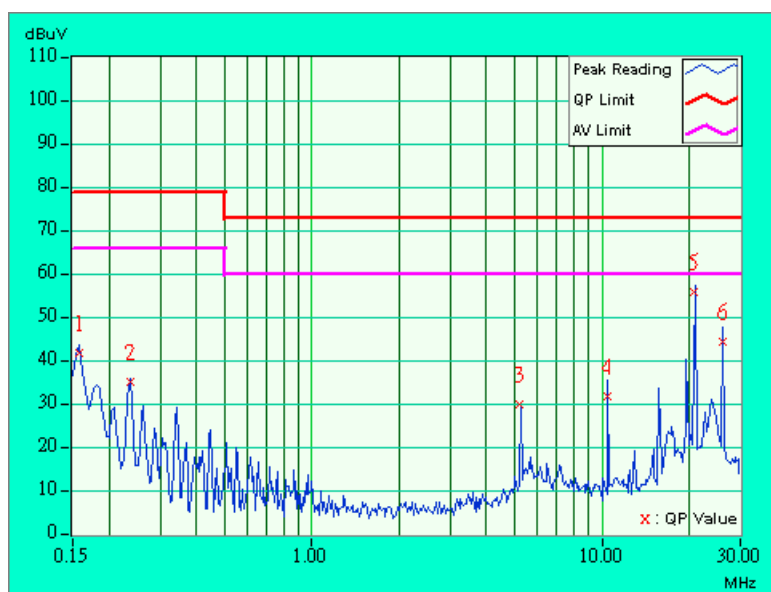
- a. Turned on the power of all equipment.
- b. EUT ran a test program to enable all functions of EUT.
- c. EUT read and wrote messages from HDD.
- d. EUT sent and received messages from WORKSTATION PC via two of 10m UTP Lan cables.
- e. EUT sent "H" messages to monitor and its screen, then monitor and its screen displayed them on their screens simultaneously.
- f. EUT sent messages to modems.
- g. EUT sent messages to printer.
- h. EUT sent audio message to earphone or speaker.
- i. Steps c-h were repeated.

4.1.7 TEST RESULTS

EUT	Full-Size CPU Card	MODEL NO.	SBC-780-A10
		6dB BANDWIDTH	9 kHz
INPUT POWER	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	25 deg. C, 69 % RH, 1005 hPa	TESTED BY: Nick Chen	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.158	0.10	41.32	-	41.42	-	79.00	66.00	-37.58	-
2	0.238	0.10	34.60	-	34.70	-	79.00	66.00	-44.30	-
3	5.219	0.40	29.39	-	29.79	-	73.00	60.00	-43.21	-
4	10.435	0.41	31.25	-	31.66	-	73.00	60.00	-41.34	-
5	20.880	0.62	55.33	-	55.95	-	73.00	60.00	-17.05	-
6	26.101	0.70	43.76	-	44.46	-	73.00	60.00	-28.54	-

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

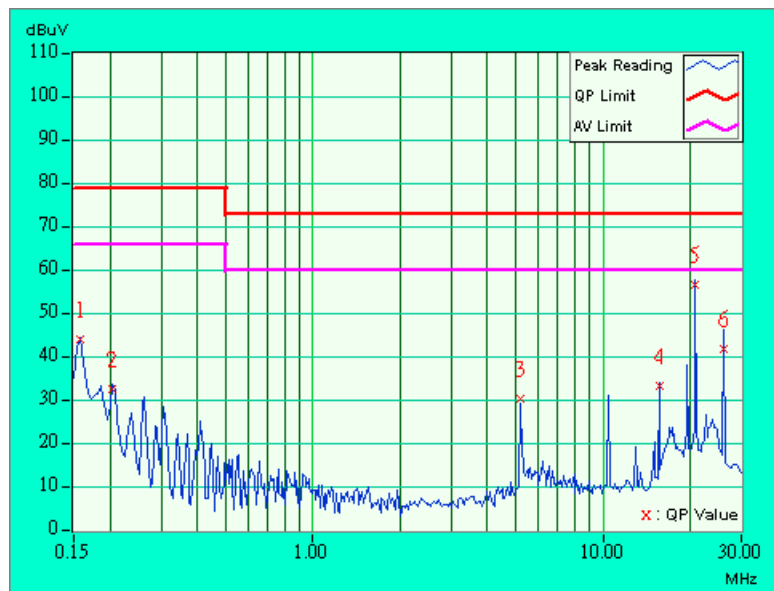




EUT	Full-Size CPU Card	MODEL NO.	SBC-780-A10
		6dB BANDWIDTH	9 kHz
INPUT POWER	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	25 deg. C, 69 % RH, 1005 hPa	TESTED BY: Nick Chen	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.158	0.10	43.24	-	43.34	-	79.00	66.00	-35.66	-
2	0.205	0.10	31.63	-	31.73	-	79.00	66.00	-47.27	-
3	5.215	0.50	29.23	-	29.73	-	73.00	60.00	-43.27	-
4	15.629	0.71	32.45	-	33.16	-	73.00	60.00	-39.84	-
5	20.865	0.83	55.55	-	56.38	-	73.00	60.00	-16.62	-
6	26.105	1.00	40.95	-	41.95	-	73.00	60.00	-31.05	-

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.





4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

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

- NOTE:**
- (1) The lower limit shall apply at the transition frequencies.
 - (2) Emission level (dBuV/m) = 20 log Emission level (uV/m).
 - (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.

4.2.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
HP Spectrum Analyzer	8590L	3520A00667	Aug. 26, 2003
CHASE Preamplifier	CPA9231A/4	3215	Nov. 06, 2003
* HP Preamplifier	8449B	3008A01201	Dec. 01, 2003
* HP Preamplifier	8449B	3008A01292	Aug. 07, 2003
* ROHDE & SCHWARZ TEST RECEIVER	ESVS10	846285/012	Sept. 16, 2003
* ROHDE & SCHWARZ TEST RECEIVER	ESMI	839013/007 839379/002	Feb. 13, 2004
SCHAFFNER Tunable Dipole Antenna	VHBA 9123	459	Nov. 22, 2003
SCHWARZBECK Tunable Dipole Antenna	UHA 9105	977	
* CHASE BILOG Antenna	CBL6112B	2751	March 21, 2004
* SCHWARZBECK Horn Antenna	BBHA9120-D1	D130	July 3, 2003
* EMCO Horn Antenna	3115	9312-4192	Mar. 23 2004
* CHANCE Turn Table & Tower Controller	ACS-I	NA	NA
* Software	ADT_Radiated_V5.14	NA	NA
* ANRITSU RF Switches	MP59B	M51167	Aug. 21, 2003
* TIMES RF cable	LMR-600	CABLE-ST6-01	Aug. 21, 2003

- 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. "*" = These equipment are used for the final measurement.
 3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.

4. The test was performed in ADT Open Site No. 6.

5. The VCCI Site Registration No. is R-728.

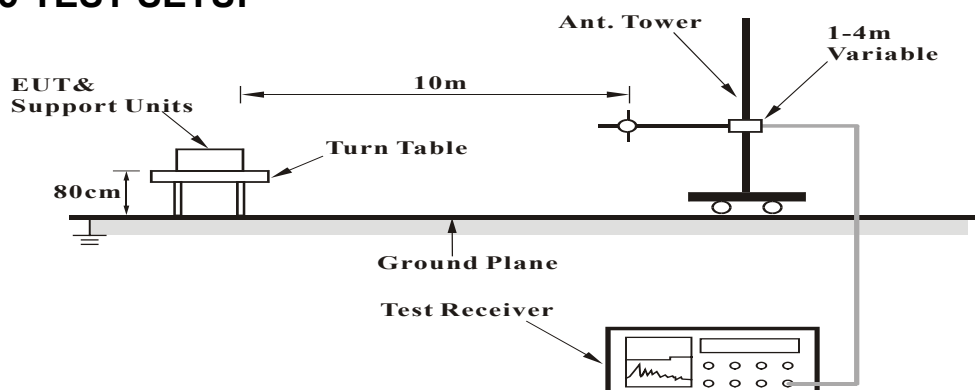
4.2.3 TEST PROCEDURE

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10-meter open field site. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the turn table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using the quasi- peak method or average method as specified and then reported In Data sheet peak mode and QP mode.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation

4.2.5 TEST SETUP



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

4.2.6 EUT OPERATING CONDITIONS

Same as 4.1.6.



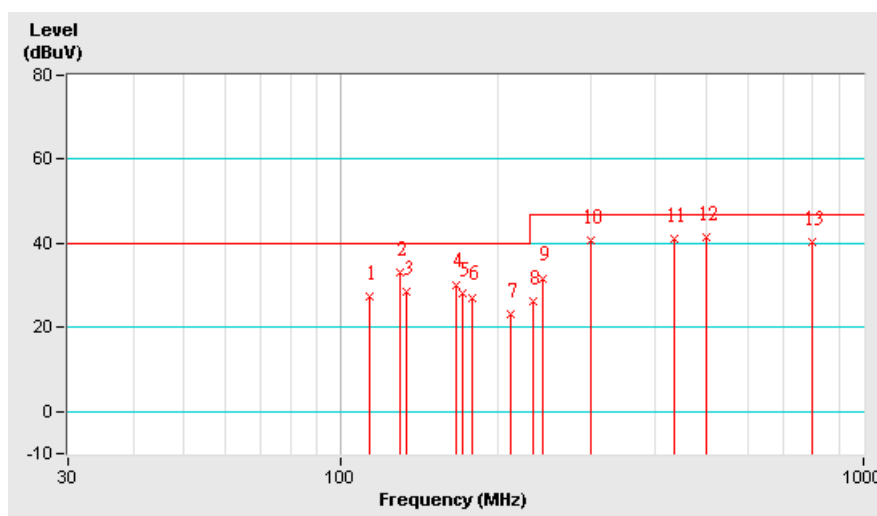
4.2.7 TEST RESULTS

EUT	Full-Size CPU Card	MODEL NO.	SBC-780-A10
		FREQUENCY RANGE	30-1000 MHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Quasi-Peak, 120kHz
ENVIRONMENTAL CONDITIONS	27 deg. C, 62 % RH, 1005 hPa	TESTED BY: Nick Chen	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 10 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	113.66	27.3 QP	40.00	-12.70	4.00 H	276	15.20	12.20
2	129.53	33.2 QP	40.00	-6.80	4.00 H	0	20.90	12.30
3	133.28	28.6 QP	40.00	-11.40	4.00 H	220	16.40	12.20
4	166.59	30.2 QP	40.00	-9.80	4.00 H	196	19.90	10.30
5	170.49	28.2 QP	40.00	-11.80	4.00 H	219	18.00	10.20
6	178.69	27.1 QP	40.00	-12.90	4.00 H	296	17.30	9.90
7	211.06	23.1 QP	40.00	-16.90	4.00 H	78	12.30	10.80
8	233.31	26.2 QP	47.00	-20.80	4.00 H	254	14.00	12.20
9	243.65	31.8 QP	47.00	-15.20	4.00 H	0	18.90	12.80
10	299.70	40.7 QP	47.00	-6.30	2.37 H	90	26.20	14.50
11	433.00	41.0 QP	47.00	-6.00	1.93 H	345	23.10	18.00
12	499.80	41.4 QP	47.00	-5.60	2.30 H	322	22.00	19.30
13	799.80	40.2 QP	47.00	-6.80	1.00 H	344	17.60	22.50

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.

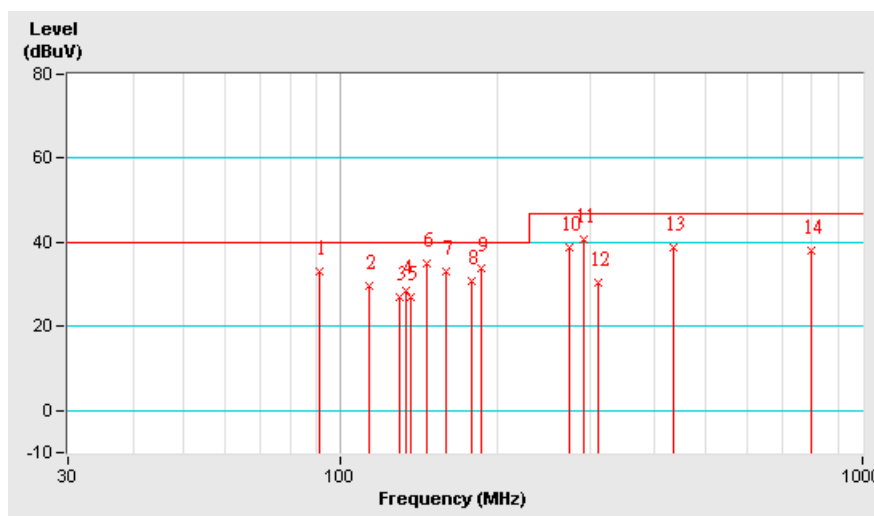




EUT	Full-Size CPU Card	MODEL NO.	SBC-780-A10
		FREQUENCY RANGE	30-1000 MHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Quasi-Peak, 120kHz
ENVIRONMENTAL CONDITIONS	27 deg. C, 62 % RH, 1005 hPa	TESTED BY: Nick Chen	

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 10 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	90.91	32.9 QP	40.00	-7.10	1.30 V	278	23.20	9.70
2	113.67	29.7 QP	40.00	-10.30	1.00 V	38	17.50	12.20
3	129.89	26.9 QP	40.00	-13.10	1.00 V	28	14.60	12.30
4	133.30	28.6 QP	40.00	-11.40	1.00 V	106	16.40	12.20
5	136.39	26.8 QP	40.00	-13.20	1.00 V	156	14.80	12.00
6	146.12	34.8 QP	40.00	-5.20	1.00 V	115	23.30	11.50
7	159.57	32.9 QP	40.00	-7.10	1.00 V	45	22.30	10.60
8	178.59	30.9 QP	40.00	-9.10	1.00 V	170	21.00	9.90
9	186.06	33.9 QP	40.00	-6.10	1.00 V	174	24.00	9.90
10	275.10	38.7 QP	47.00	-8.30	1.00 V	325	24.70	13.90
11	291.60	40.6 QP	47.00	-6.40	1.00 V	286	26.30	14.30
12	310.50	30.3 QP	47.00	-16.70	2.01 V	76	15.50	14.70
13	433.00	38.7 QP	47.00	-8.30	2.56 V	186	20.70	18.00
14	799.57	38.2 QP	47.00	-8.80	1.77 V	72	15.60	22.50

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



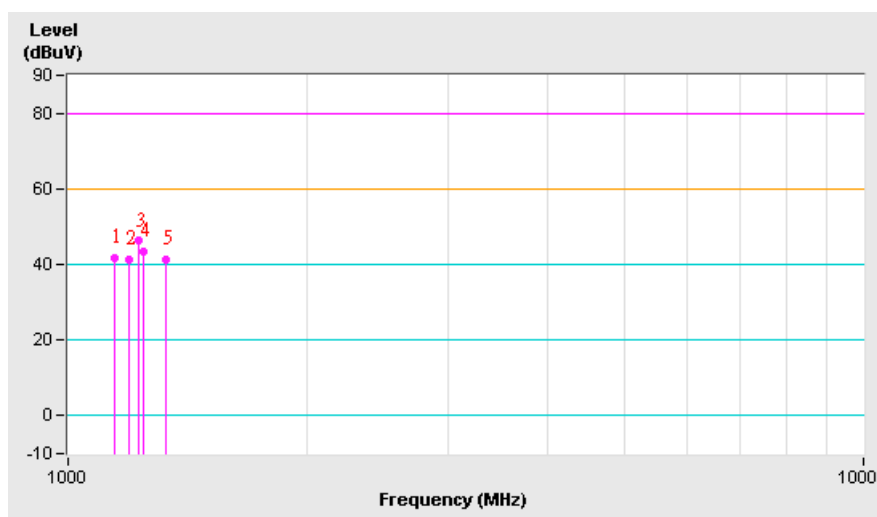


EUT	Full-Size CPU Card	MODEL NO.	SBC-780-A10
		FREQUENCY RANGE	1G-7GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak, 1MHz
ENVIRONMENTAL CONDITIONS	25 deg. C, 60 % RH, 1005 hPa	TESTED BY: Nick Chen	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1143.00	41.6 PK	80.00	-38.40	1.32 H	45	13.70	27.90
2	1193.00	41.4 PK	80.00	-38.60	1.34 H	65	13.20	28.20
3	1226.00	46.2 PK	80.00	-33.80	1.00 H	34	17.80	28.30
4	1243.00	43.6 PK	80.00	-36.40	1.21 H	63	15.20	28.40
5	1326.00	41.3 PK	80.00	-38.70	1.00 H	254	12.70	28.60

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.

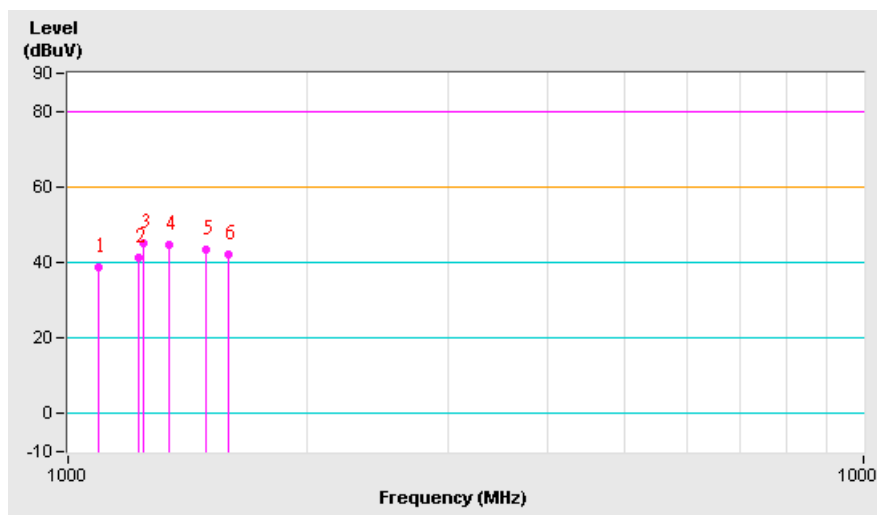




EUT	Full-Size CPU Card	MODEL NO.	SBC-780-A10
		FREQUENCY RANGE	1G-7GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak, 1MHz
ENVIRONMENTAL CONDITIONS	25 deg. C, 60 % RH, 1005 hPa	TESTED BY: Nick Chen	

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1093.00	38.7 PK	80.00	-41.30	1.24 V	35	11.00	27.60
2	1226.00	41.2 PK	80.00	-38.80	1.00 V	158	12.90	28.30
3	1243.00	45.2 PK	80.00	-34.80	1.38 V	257	16.80	28.40
4	1341.00	44.6 PK	80.00	-35.40	1.47 V	0	15.90	28.60
5	1493.00	43.4 PK	80.00	-36.60	1.10 V	45	14.40	29.10
6	1591.00	42.0 PK	80.00	-38.00	1.00 V	352	13.50	28.60

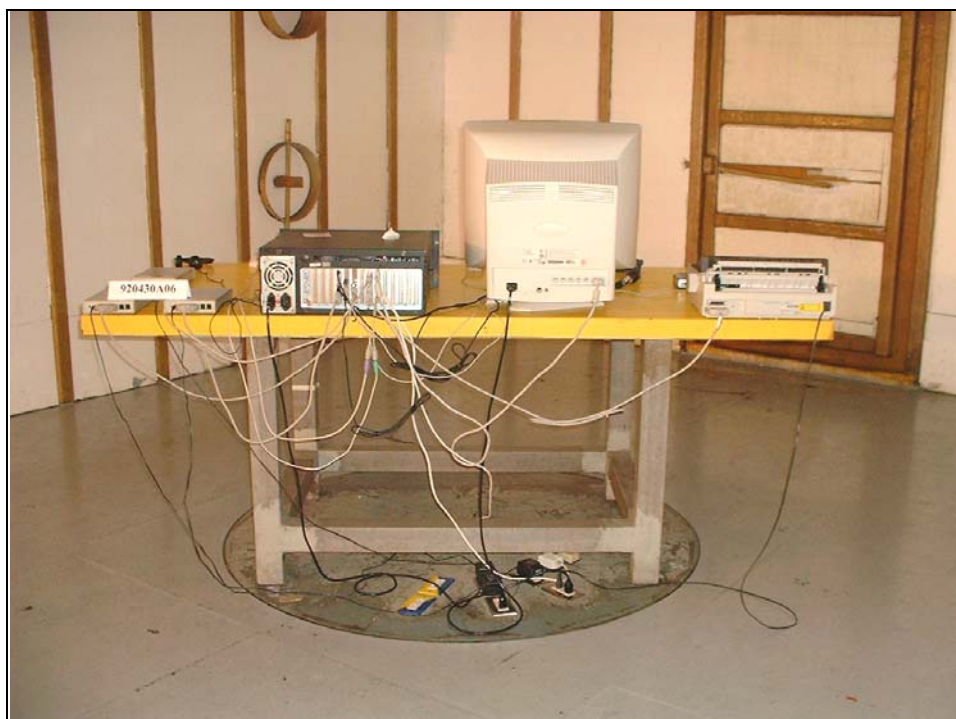
- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



5 PHOTOGRAPHS OF THE TEST CONFIGURATION CONDUCTED EMISSION TEST



RADIATED EMISSION TEST





6 APPENDIX - INFORMATION ON THE TESTING LABORATORIES

We, ADT Corp., were founded in 1988 to provide our best service in EMC and Safety consultation. Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025, Guide 25 or EN 45001:

USA	FCC, NVLAP, UL
Germany	TUV Rheinland
Japan	VCCI
New Zealand	MoC
Norway	NEMKO
Canada	INDUSTRY CANADA
R.O.C.	CNLA, BSMI

Copies of accreditation certificates of our laboratories obtained from approval agencies can be downloaded from our web site: www.adt.com.tw/index.5/phtml.

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Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.