FCC CFR47 PART 15 DIGITAL DEVICE

TEST REPORT

FOR

Industrial PC

MODEL: GENE-5310 (N)

REPORT NUMBER: 01E9736

ISSUE DATE: SEPTEMBER 25, 2001

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

Prepared by
COMPLIANCE ENGINEERING SERVICES, INC.
No. 199, CHUNG SHENG ROAD,
HSIN TIEN CITY, TAIPEI, TAIWAN, R.O.C.
TEL: (02) 2217-0894
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LAB CODE: SL2-IN-E-0005

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COMPLIANCE ENGINEERING SERVICES, INC. DOCUMENT NO:CCSTP4002B
NO.199, CHUNG SHENG ROAD, HSIN TIEN, TAIPEI, TAIWAN R.O.C. TEL:(02)2217-0894/FAX:2217-1254

1. VERIFICATION OF COMPLIANCE

NVLAP LAB CODE: SL2-IN-E-0005

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

CONTACT PERSON: Jack Chao / Deputy Director

TELEPHONE NO: 8919-1234 ext 358

MODEL NO/NAME: GENE-5310 (N)

SERIAL NO: N/A

DATE TESTED: AUGUST 28 ~ SEPTEMBER 14, 2001

TYPE OF EQUIPMENT:	INFORMATION TECHNOLOGY EQUIPMENT (ITE)
MEASUREMENT DISTANCE:	( ) 3 METER (×) 10 METER
TECHNICAL LIMIT:	Class A
FCC RULES:	PART 15
MEASUREMENT PROCEDURE	ANSI C63.4:92 / EN55022
EQUIPMENT AUTHORIZATION PROCEDURE	VERIFICATION
MODIFICATION MADE ON EUT	☐ YES ☒ NO
DEVIATIONS FROM MEASUREMENT PROCEDURE	☐ YES (refer to section 21 for comments) ☒ NO
RADIATED EMISSION TEST RESULT	-2.36 dB @ 300.678 MHz / VERTICAL
CONDUCTED EMISSION TEST RESULT	-28.04 dB @ 0.614 MHz / L2

The above equipment was tested by Compliance Engineering Services, Inc. for compliance with the requirements set forth in the FCC CFR 47, PART 15. The results of testing in this report apply to the product/system which was tested only. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved By

Rick Yeo

RICK YEO / EMC MANAGER
COMPLIANCE ENGINEERING SERVICES

Acknowledged By

Jack Chao / Deputy Director
AAEON Technology Inc.

SYSTEM DESCRIPTION

EUT Test Procedure:

1. Windows 98 Boots System.
2. Run Winemc.Exe To Activate All Peripherals And Display “H” Pattern On Monitor Screen.

PRODU INFORMATION

Housing Type:	METAL
EUT Power Rating:	DC 12V / 5.0A / 60W from AC Adaptor
AC power during Test:	110VAC / 60Hz (From AC Adaptor)
AC Adaptor Manufacturer:	CHI
AC Adaptor Model Number:	CH-1205
AC Power Cord Type:	Un-shielded, 1.8m (Detachable)
DC Cable Type:	Un-Shielded, 0.7m (Non-Detachable) at AC Adaptor
	One ferrite core on the cable of DC Jack
OSC/Clock Frequencies：	X1, X3 = 14.318 MHz; Y1, Y4 = 25 MHz; Y3 = 24.576 MHz

I/O Port of EUT:

I/O PORT TYPES	Q'TY	TESTED WITH
1). USB Port	2	2
2). PS/2 Port	1	1
3). RJ45 Port	2	1
4). DB9 Port (Serial)	2	2
5). DB15 Port (VGA)	1	1
6). DB25 Port (Parallel)	1	1
7). Phone Jack	3	3
8). RCA (Video)	1	1
9). S-Video (Video)	1	1

Note: N/A

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SUPPORT EQUIPMENT

Host Computer:

Equipment	Model#	Serial#	Trade Name
VGA Chipset	VT82C501	N/A	VIA
RAM (SDRAM 64MB PC100)	D4564163G5-A10-9JF	N/A	NEC
CPU	Tillamook 266MHz	N/A	INTEL
Chassis	AEC-6000	N/A	AAEON
Power Board	AEC-6000 Rev.A0.2	N/A	AAEON

External Peripheral Devices:

No	Equipment	Model #	Serial #	FCC ID	Trade Name	Data Cable	Power Cord
1.	USB Mouse	M-BB48	LZE93851294	DoC	Logitech	Un-Shielded, 1.8m	N/A
2.	USB Mouse	M-BB46	N/A	DoC	Logitech	Un-Shielded, 1.8m	N/A
3.	Mouse	M-S34	LZE02353706	DZL211029	Logitech	Un-Shielded, 1.8m	N/A
4.	Keyboard	6311-TW4C/6	N/A	DoC	ACER	Un-Shielded, 1.8m	N/A
5.	Ear. & Mic.	MSB-206	N/A	N/A	E.SENSE	Un-Shielded, 2.2m	N/A
6.	Player	HS-J35	N/A	N/A	AIWA	Un-Shielded, 0.8m	N/A
7.	Server PC	Valiant 6380iPID	SPL052980024	DoC	KDS	Un-Shielded, 30m (RJ45)	Unshielded, 1.8m
8.	Printer	2225C+	2927S50444	DSI6XU2225	HP	Shielded, 1.8m	Unshielded, 1.8m
9.	Modem	1414	N/A	IFAXDM1414	ACEEX	Shielded, 1.4m	Unshielded, 1.8m
10.	Modem	231AA	A25331083841	BFJ9D9308US	HAYES	Shielded, 1m	Unshielded, 1.8m
11.	Monitor	170MP	N/A	DoC	SAMSUNG	Shielded, 1.8m Two Ferrite Core Un-Shielded, 1.2m Un-Shielded, 1.5m	Unshielded, 1.8m A Ferrite Core

Note: All the above equipment/cables were placed in worse case positions to maximize emission signals.

Grounding: Grounding was in accordance with the manufacturer's requirements and conditions for the intended use.

MEASUREMENT PROCEDURE
(PRELIMINARY LINE CONDUCTED EMISSION TEST)

1) The equipment was set up as per the test configuration to simulate typical actual 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 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

2) Support equipment, if needed, was placed as per ANSI C63.4.

3) All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

4) The EUT received DC power through AC Adaptor and Line Impedance Stabilization Network (LISN) which supplied power source of 110VAC/ 60Hz and was grounded to the ground plane.

5) All support equipment received power from a second LISN supplying power of 110VAC/60Hz, if any.

6) The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.

7) Analyzer / Receiver scanned from 150kHz to 30MHz for emissions in each of the test modes.

8) During the above scans, the emissions were maximized by cable manipulation.

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

   Mode(s):

   1. CRT Mode (Data No.: 9736E#8, 16; Date: 08/29/2001)
   2. TV Mode (Data No.: 9736E#24, 32; Date: 08/29/2001)

10) After the preliminary scan, we found the following test mode(s) producing the highest emission level.

    Mode(s): 1.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

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MEASUREMENT PROCEDURE
(FINAL LINE CONDUCTED EMISSION TEST)

1) EUT and support equipment was set up on the test bench as per step 10 of the preliminary test.

2) 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. If EUT emission level was less –2dB to the A.V. limit in Q.P. mode, then the emission signal was re-checked using an Average detector.

3) The test data of the worst case condition(s) was reported on the Summary Data page.

Data Sample:

Freq (MHz)	Meter Reading (dBuV)	C.F. (dB)	Corrected Reading (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading Type (P/Q/A)	Line (L1/L2)
x.xx	**x.xx**	**x.xx**	**38.38**	**56.00**	**-17.62**	**P**	**L1**

C.F.(Correction Factor)=Insertion Loss + Cable Loss
Corrected Reading = Metering Reading + C.F.
Margin=Corrected Reading - Limits

P=Peak Reading L1=Hot
Q=Quasi-peak L2=Neutral
A=Average Reading

Comments: **N/A**

LINE CONDUCTED EMISSION LIMIT

Frequency	Maximum RF Line Voltage	
	Q.P.	AVERAGE
150kHz-500kHz	66-56dBuV	56-46dBuV
500kHz-5MHz	56dBuV	46dBuV
5MHz-30MHz	60dBuV	50dBuV

Note: The lower limit shall apply at the transition frequency.

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MEASUREMENT PROCEDURE
(PRELIMINARY RADIATED EMISSION TEST)

1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which 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 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
2) Support equipment, if needed, was placed as per ANSI C63.4.
3) All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
4) The EUT received DC power source from AC Adaptor to the outlet socket under the turntable. All support equipment received 110VAC/60Hz power from another socket under the turntable, if any.
5) The antenna was placed at 3/10 meter away from the EUT as stated in ANSI C63.4: 1992. The antenna connected to the Analyzer via a cable and at times a pre-amplifier would be used.
6) The Analyzer / Receiver quickly scanned from 30MHz to 2000MHz. 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.
7) The following test mode(s) were scanned during the preliminary test:

Mode:

1. CRT Mode (Data No. 9736D#3, 4; Date: 08/28/2001)
2. TV Mode (Data No. 9736D#5, 6; Data: 09/14/2001)

8) After the preliminary scan, we found the following test mode(s) producing the highest emission level.

Mode(s): 1.

Then, the EUT and cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for reference of final testing.

MEASUREMENT PROCEDURE
(FINAL RAIDATED EMISSION TEST)

1) EUT and support equipment were set up on the turntable as per step 8 of the preliminary test.

2) The Analyzer / Receiver scanned from 30MHz to 2000MHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement 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.

3) Recorded 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 and only Peak reading is presented. If EUT emission level was less-2dB to the limit, then the emission signal was re-checked using a Q.P. detector.

4) The test data of the worst case condition(s) was reported on the Summary Data page.

Data Sample:

Freq (MHz)	Meter Reading (dBuV)	C.F. (dB/m)	Corrected Reading (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading Type P/Q/A	Pol. H/V
x.xx	**x.xx**	**x.xx**	**30.82**	**37.00**	**-5.18**	**P**	**V**

C.F.(Correction Factor)=Antenna Factor + Cable Loss + Attenuator(3/6 dB) - Amplifier Gain
Corrected Reading = Metering Reading + C.F.
Margin=Corrected Reading – Limits

P=Peak Reading
Q=Quasi-peak
A=Average Reading

H=Horizontal Polarization/Antenna
V=Vertical Polarization/Antenna

Comments: **N/A**

RADIATED EMISSION LIMIT

Frequency (MHz)	Distance (m)	Maximum Field Strength Limit (dBu V/m/ Q.P.)
30-230	10	30
230-1000	10	37

Note: The lower limit shall apply at the transition frequency.

SUMMARY DATA
(LINE CONDUCTED TEST)

Model Number: GENE-5310 (N) **Location:** Site # E

Tested by: Bill Huang

Test Model: Mode 1

Test Results: Passed

Temperature: 29℃ **Humidity:** 63%RH

(The chart below shows the highest readings taken from the final data)

Frequency Range Investigated (150 kHz TO 30 MHz)							
Freq (MHz)	Meter Reading (dBuV)	C.F. (dB)	Corrected Reading (dBuV)	Limits (dBuV)	Margin (dB)	Reading Type (P/Q/A)	Line (L1/L2)
0.183	**47.05**	**0.02**	**47.07**	**79.00**	**-31.93**	**P**	**L1**
0.614	**44.56**	**0.06**	**44.62**	**73.00**	**-28.38**	**P**	**L1**
4.407	**44.24**	**0.25**	**44.49**	**73.00**	**-28.51**	**P**	**L1**
13.479	**41.85**	**0.38**	**42.23**	**73.00**	**-30.77**	**P**	**L1**
0.614	**44.90**	**0.06**	**44.96**	**73.00**	**-28.04**	**P**	**L2**
13.479	**40.49**	**0.38**	**40.87**	**73.00**	**-32.13**	**P**	**L2**

C.F.(Correction Factor)=Insertion Loss + Cable Loss
Corrected Reading = Metering Reading + C.F.
Margin=Corrected Reading - Limits
P=Peak Reading L1=Hot
Q=Quasi-peak L2=Neutral
A=Average Reading

Comments: **N/A**

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SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: GENE-5310 (N) **Location:** Site # D

Tested by: James Liao **Polar:** Vertical / Horizontal– 10m

Test Mode: Mode 1

Test Results: Passed

Temperature: 26℃ **Humidity:** 78%RH

(The chart below shows the highest readings taken from the final data)

Frequency Range Investigated (30 MHz TO 2000 MHz)							
Freq (MHz)	Meter Reading (dBuV)	C.F. (dB/m)	Corrected Reading (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading Type P/Q/A	Pol. H/V
114.333	**45.93**	**-9.89**	**36.04**	**40.00**	**-3.96**	**P**	**V**
119.700	**40.77**	**-9.26**	**31.51**	**40.00**	**-8.49**	**P**	**V**
147.078	**43.26**	**-7.31**	**35.95**	**40.00**	**-4.05**	**P**	**V**
300.678	**49.53**	**-4.89**	**44.64**	**47.00**	**-2.36**	**P**	**V**
146.983	**41.00**	**-7.31**	**33.69**	**40.00**	**-6.31**	**P**	**H**
277.633	**45.85**	**-5.57**	**40.28**	**47.00**	**-6.72**	**P**	**H**

C.F.(Correction Factor)=Antenna Factor + Cable Loss - Amplifier Gain (+ Attenuator 6dB)
Corrected Reading = Metering Reading + C.F.
Margin=Corrected Reading - Limits
P=Peak Reading H=Horizontal Polarization/Antenna
Q=Quasi-peak V=Vertical Polarization/Antenna
A=Average Reading

Comments: **N/A**

TEST EQUIPMENT LIST (EMISSION)

Instrumentation: The following list contains equipment used at Compliance Engineering Services, Inc.. for testing. The equipment conforms to the CISPR 16-1 / ANSI C63.2-1988 Specifications for Electromagnetic Interference and Field Strength Instrumentation from 9kHz to 1.0 / 2.0 GHz.

Equipment used during the tests:

☒ **Open Area Test Site:** #D

Equipment	Manuf.	Model No.	Serial No.	Cal Date	Due Date
EMI TEST DISPLAY	**R&S**	**DSAI-D 804.8932.52**	**827832/001**	**11/05/00**	**11/05/01**
EMI TEST RF UNIT	**R&S**	**ESBI-RF/1005.4300.52**	**827832/003**	**11/05/00**	**11/05/01**
AMPLIFIER	**HP**	**8447D A**	**2727A05764**	**05/07/01**	**05/07/02**
ANTENNA	**SCHWARZBECK**	**VULB 9160**	**3104**	**05/17/01**	**05/17/02**
CABLE	**TIME MICROWAVE**	**LMR-400**	**N-TYPE02**	**07/09/01**	**07/09/02**

☒ **Open Area Test Site:** # E

Equipment	Manuf.	Model No.	Serial No.	Cal Date	Due Date
SPECTRUM ANALYZER	**H.P.**	**8566B**	**2937A06102**	**06/06/01**	**06/06/02**
SPECTRUM DISPLAY	**H.P.**	**85662A**	**2848A18276**	**06/06/01**	**06/06/02**
QUASI-PEAK DETECTOR	**H.P.**	**85650A**	**2811A01439**	**06/07/01**	**06/07/02**
AMPLIFIER	**H.P.**	**8447D B**	**1644A02328**	**05/07/01**	**05/07/02**
ANTENNA	**EMCO**	**3142**	**1310**	**06/30/01**	**06/30/02**
CABLE	**TIME MICROWAVE**	**LMR-400**	**N-TYPE04**	**07/09/01**	**07/09/02**
ANTENNA (1-18GHz)	**EMCO**	**3115**	**5761**	**02/23/01**	**02/23/02**
CABLE (1-18GHz)	**JYEBAO**	**N30-L142-1**	**N/A**	**03/02/01**	**03/02/02**
AMPLIFIER (1-26GHz)	**MITEQ**	**NSP2600-44**	**646455**	**02/26/01**	**02/26/02**

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☒ **Conducted Area Test Site:** # E

Equipment	Manuf.	Model No.	Serial No.	Cal Date	Due Date
TEST RECEIVER	**R&S**	**ESHS20**	**840455/006**	**03/15/01**	**03/15/02**
LISN	**SOLAR**	**8012-50-R-24-BNC**	**8305114**	**07/23/01**	**07/23/02**
LISN(EUT)	**EMCO**	**3825/2**	**1435**	**01/10/01**	**01/10/02**

The calibrations of the measuring instruments, including any accessories that may effect such calibration, are checked frequently to assure their accuracy. Adjustments are made and correction factors applied in accordance with instructions contained in the manual for the measuring instrument.

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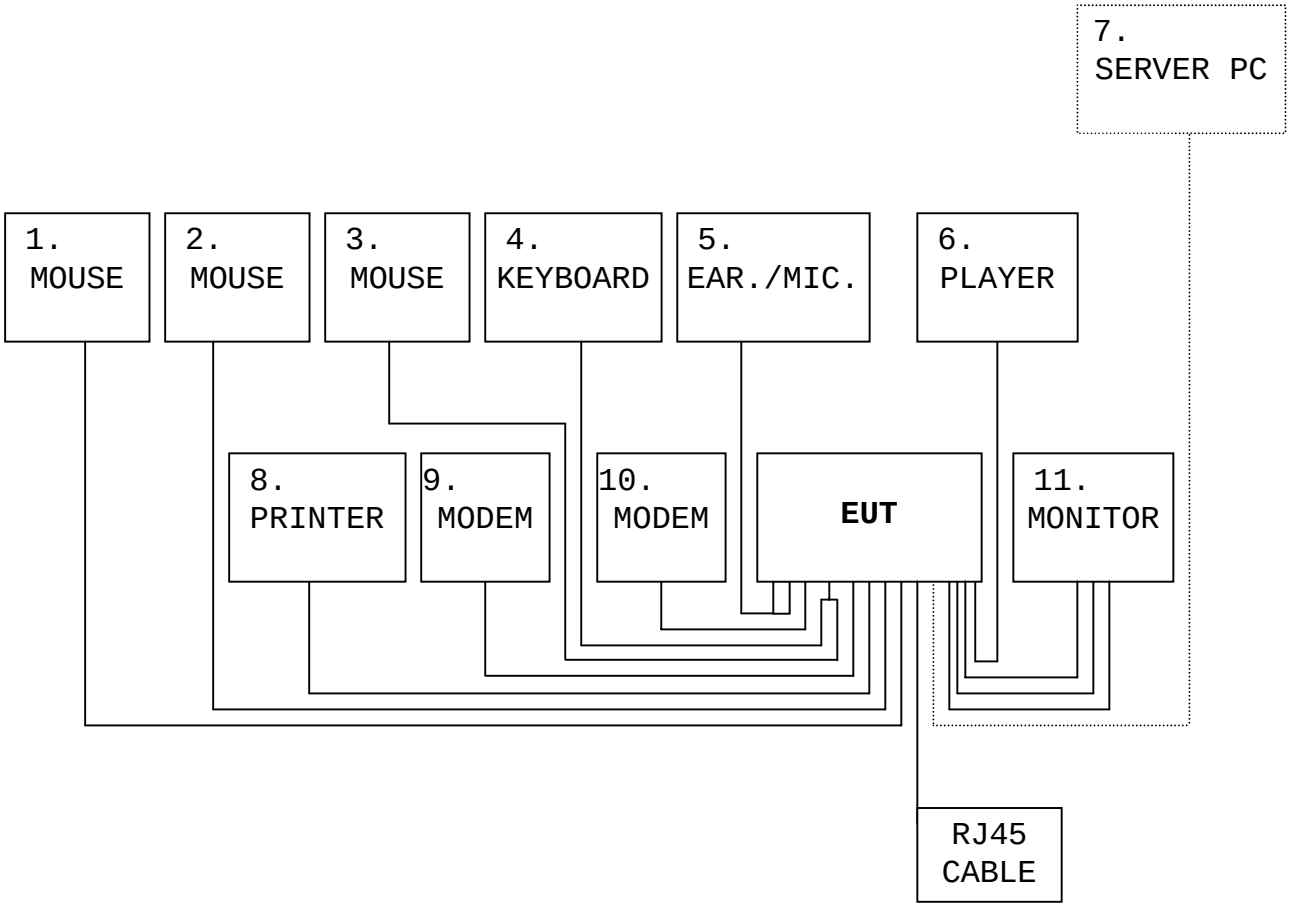
BLOCK DIAGRAM OF TEST SETUP

System Diagram of Connections between EUT and Simulators

EUT: Industrial PC
Model Number: GENE-5310 (N)



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APPENDIX 1

PHOTOGRAPHS OF TEST SETUP
(TEST SETUP OF LINE CONDUCTED EMISSION)

LINE CONDUCTED EMISSION TEST

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APPENDIX 2

PHOTOGRAPHS OF TEST SETUP
(TEST SETUP OF LINE RADIATED EMISSION)

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RADIATED EMISSION TEST

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APPENDIX 3

PHOTOGRAPHS OF EUT

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APPENDIX 4

CONDUCTED EMISSION PLOT
RADIATED EMISSION DATA

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COMPLIANCE Engineering Service, Inc.
FCC,VCCI,CISPR,CE
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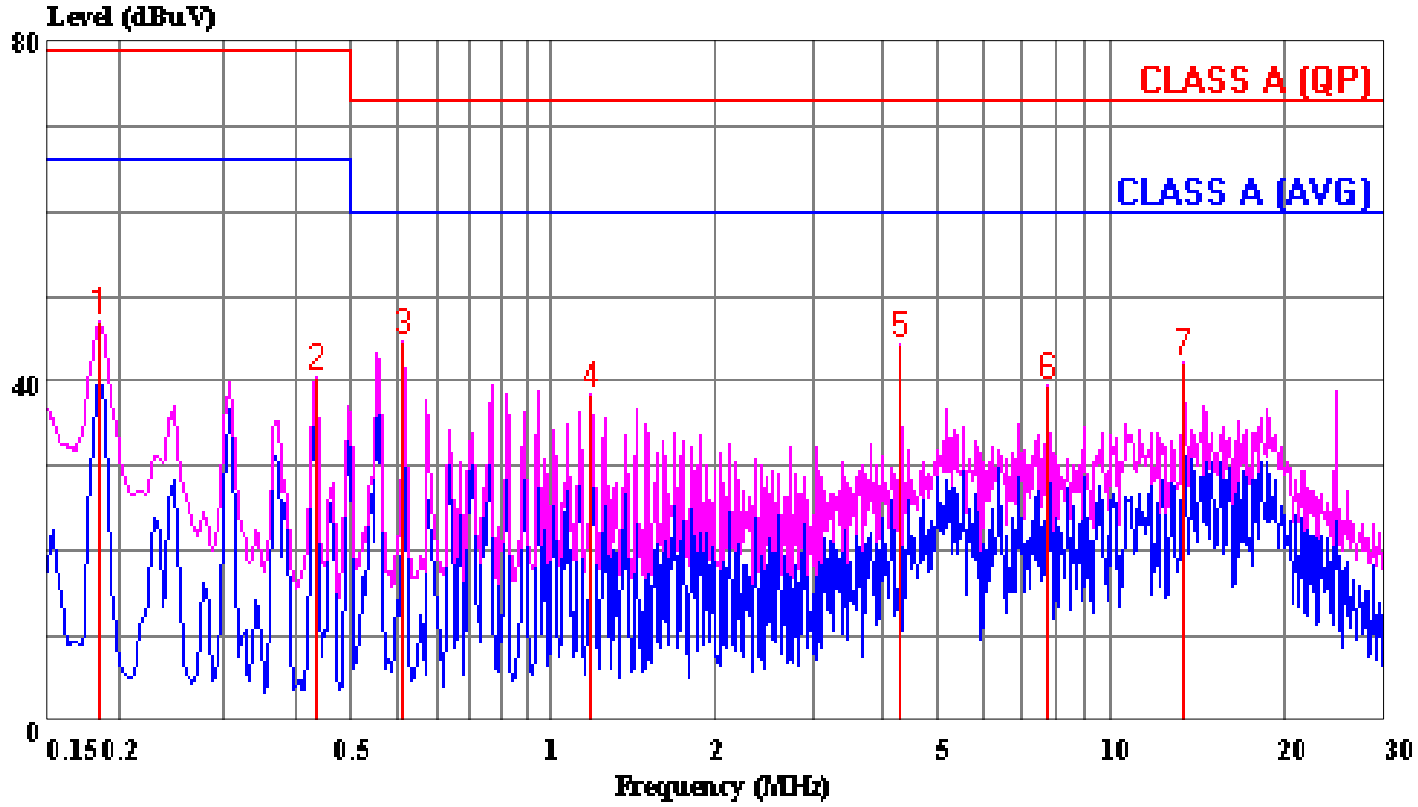
Data#: 65 File#: 9736e.emi Date: 2001-08-29 Time: 11:22:48



(CES Conducted)

Trace: 7 8 Ref Trace:

Condition: LINE
Report No. : 01E9736
Test Engr. : BILL HUANG
Company   : AAEON Technology Inc.
EUT   : GENE-5310 (N)
Test Config : EUT/ALL PERIPHERALS
Type of Test: FCC CLASS A W/ EN55022 CLASS A LIMIT
Mode of Op. : CRT MODE

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.183	47.05	0.02	47.07	79.00	-31.93	Peak
2	0.433	40.41	0.05	40.46	79.00	-38.54	Peak
3	0.614	44.56	0.06	44.62	73.00	-28.38	Peak
4	1.296	38.18	0.10	38.28	73.00	-34.72	Peak
5	4.407	44.24	0.25	44.49	73.00	-28.51	Peak
6	7.893	39.05	0.32	39.37	73.00	-33.63	Peak
7	13.479	41.85	0.38	42.23	73.00	-30.77	Peak

COMPLIANCE Engineering Service, Inc.
FCC,VCCI,CISPR,CE
UL,CSA,TUV

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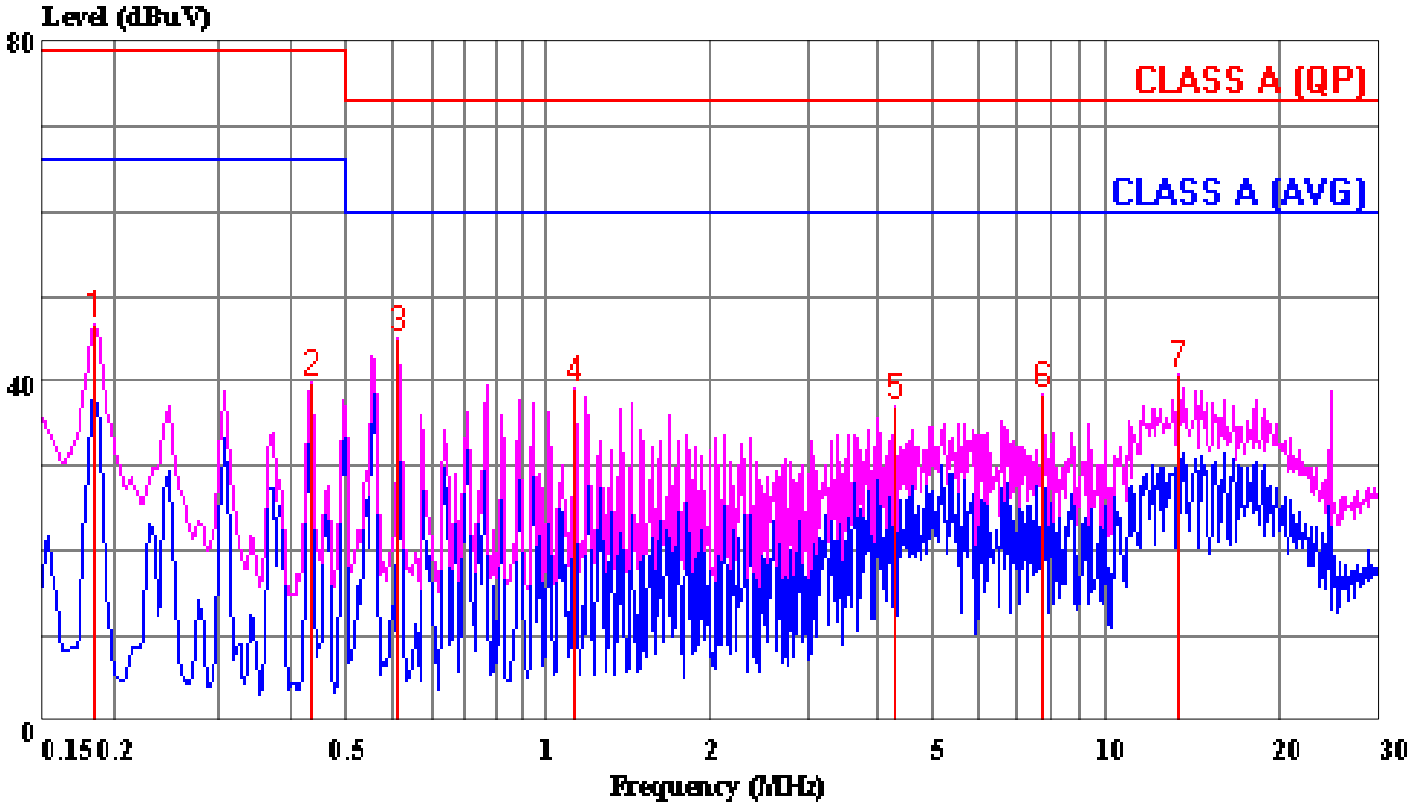
Data#: 66 File#: 9736e.emi Date: 2001-08-29 Time: 11:23:37



(CES Conducted)

Trace: 15 16 Ref Trace:

Condition: NEUTRAL
Report No. : 01E9736
Test Engr. : BILL HUANG
Company : AAEON Technology Inc.
EUT : GENE-5310 (N)
Test Config : EUT/ALL PERIPHERALS
Type of Test: FCC CLASS A W/ EN55022 CLASS A LIMIT
Mode of Op. : CRT MODE

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.183	46.67	0.02	46.69	79.00	-32.31	Peak
2	0.433	39.92	0.05	39.97	79.00	-39.03	Peak
3	0.614	44.90	0.06	44.96	73.00	-28.04	Peak
4	1.236	38.98	0.09	39.08	73.00	-33.92	Peak
5	4.407	36.71	0.25	36.96	73.00	-36.04	Peak
6	7.893	38.17	0.32	38.49	73.00	-34.51	Peak
7	13.479	40.49	0.38	40.87	73.00	-32.13	Peak

COMPLIANCE Engineering Service, Inc.
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UL,CSA,TUV

No. 199, Chung Sheng Road,
Hsin Tien City, Taipei,
Taiwan, R.O.C.
Tel:02-2217-0894 Fax:02-2217-1254

Data#: 3 File#: 9736d.emi Date: 2001-08-28 Time: 13:52:15
CCS D-Site

Condition: VERTICAL
Report No. : 01E9736
Test Engr. : JAMES LIAO
Company : AAEON Technology Inc.
EUT : GENE-5310 (N)
Test Config : EUT/ALL PERIPHERALS
Type of Test: FCC CLASS A W/ EN55022 CLASS A LIMIT
Mode of Op. : CRT MODE

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	47.989	39.48	-9.51	29.97	40.00	-10.04	Peak
2	86.322	36.51	-12.73	23.78	40.00	-16.22	Peak
3	114.333	45.93	-9.89	36.04	40.00	-3.96	Peak
4	119.700	40.77	-9.26	31.51	40.00	-8.49	Peak
5	147.078	43.26	-7.31	35.95	40.00	-4.05	Peak
6	199.244	41.41	-9.95	31.46	40.00	-8.54	Peak
7	228.622	34.78	-8.26	26.52	40.00	-13.48	Peak
8	244.978	42.12	-6.97	35.15	47.00	-11.85	Peak
9	277.656	42.45	-5.57	36.88	47.00	-10.12	Peak
10	300.678	49.53	-4.89	44.64	47.00	-2.36	Peak
11	342.978	39.38	-3.99	35.39	47.00	-11.61	Peak
12	501.133	37.57	-1.00	36.57	47.00	-10.43	Peak
13	601.389	30.39	1.50	31.89	47.00	-15.11	Peak
14	701.656	34.58	2.83	37.41	47.00	-9.59	Peak

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Taiwan, R.O.C.
Tel:02-2217-0894 Fax:02-2217-1254

Data#: 4 File#: 9736d.emi Date: 2001-08-28 Time: 14:28:30
CCS D-Site

Condition: HORIZONTAL
Report No. : 01E9736
Test Engr. : JAMES LIAO
Company : AAEON Technology Inc.
EUT : GENE-5310 (N)
Test Config : EUT/ALL PERIPHERALS
Type of Test: FCC CLASS A W/ EN55022 CLASS A LIMIT
Mode of Op. : CRT MODE

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	48.022	29.52	-9.51	20.01	40.00	-20.00	Peak
2	114.328	39.30	-9.89	29.41	40.00	-10.59	Peak
3	146.983	41.00	-7.31	33.69	40.00	-6.31	Peak
4	200.450	41.41	-10.01	31.41	40.00	-8.60	Peak
5	228.600	34.88	-8.26	26.62	40.00	-13.38	Peak
6	277.633	45.85	-5.57	40.28	47.00	-6.72	Peak
7	300.683	35.31	-4.89	30.42	47.00	-16.58	Peak
8	342.967	35.21	-3.99	31.22	47.00	-15.78	Peak
9	501.172	34.27	-1.00	33.27	47.00	-13.73	Peak
10	601.411	33.94	1.50	35.44	47.00	-11.56	Peak
11	701.628	33.26	2.83	36.09	47.00	-10.91	Peak