



FCC 47 CFR PART 15 SUBPART B TEST REPORT

for

Keyboard

MODEL: 9313, 5313

Test Report Number:

80221003-D

Issued for

BEHAVIOR TECH COMPUTER CORP.

20F-B, No. 98, Sec. 1, Sintai 5th Rd., Sijhih City, Taipei
County 22102, Taiwan (R.O.C.)

Issued By:

Compliance Certification Services Inc.

Linkuo Laboratory

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Revision History

Rev.		Issue Date		Revisions	Effect Page	Revised By
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1 TEST RESULT CERTIFICATION

Product:	Keyboard
Model:	9313, 5313
Brand:	BTC, EMPREX
Applicant:	BEHAVIOR TECH COMPUTER CORP. 20F-B, No. 98, Sec. 1, Sintai 5th Rd., Sijhih City, Taipei County 22102, Taiwan (R.O.C.)
Manufacturer:	BEHAVIOR TECH COMPUTER CORP. 20F-B, No. 98, Sec. 1, Sintai 5th Rd., Sijhih City, Taipei County 22102, Taiwan (R.O.C.)
Tested:	February 27 ~ March 3, 2008
Test Voltage:	120VAC/60Hz

EMISSION			
Standard	Item	Result	Remarks
FCC 47 CFR Part 15 Subpart B (August 14, 2006), ICES-003 Issue 4 ANSI C63.4-2003	Conducted (Main Port)	PASS	Meet Class B limit
	Radiated	PASS	Meet Class B limit

Note: 1. The test result judgment is decided by the limit of measurement standard
2. The information of measurement uncertainty is available upon the customer's request.

Deviation from Applicable Standard
Note: All the test items were tested at Compliance Certification Services Inc. (Hsintien Lab.)

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:

Reviewed by:

Rex Lai
Section Manager

Amanda Wu
Section Manager



2 EUT DESCRIPTION

Product	Keyboard
Brand Name	BTC, EMPREX
Model	9313, 5313
Applicant	BEHAVIOR TECH COMPUTER CORP.
Housing material	Plastic
Serial Number	80221003
Received Date	February 21, 2008
EUT Power Rating	Powered from host device via PS/2 Cable
PS/2 Cable	Shielded 1.60m (Non-detachable)

Remark:

1. Difference of the two model numbers (list on this report) are identical, but it have two types for sale, please see as below and external photograph:

<i>Model</i>	<i>Difference</i>
9313	Externals
5313	

I/O PORT

I/O PORT TYPES	Q'TY	TESTED WITH
N/A		



3 TEST METHODOLOGY

3.1. DECISION OF FINAL TEST MODE

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

Pre-Test Mode
Mode 1: Operating for model: 9313
Mode 2: Operating for model: 5313

2. After the preliminary scan, the following test mode was found to produce the highest emission level.

Final Test Mode		
Emission	Conducted Emission	Mode 1, 2
	Radiated Emission	Mode 1, 2

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	EMI test program (file name: EMCTEST) was loaded and executed in "Windows XP" mode.
2	The detect signal was sent to EUT.
3	Data was sent to the monitor, filling the screen with upper case of "H" patterns.
4	Test program sequentially all related I/O's of Host PC include EUT and sent "H" patterns to all applicable output ports of Host PC.
5	Repeat 2 to 4.

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



4 SETUP OF EQUIPMENT UNDER TEST

4.1. DESCRIPTION OF SUPPORT UNITS

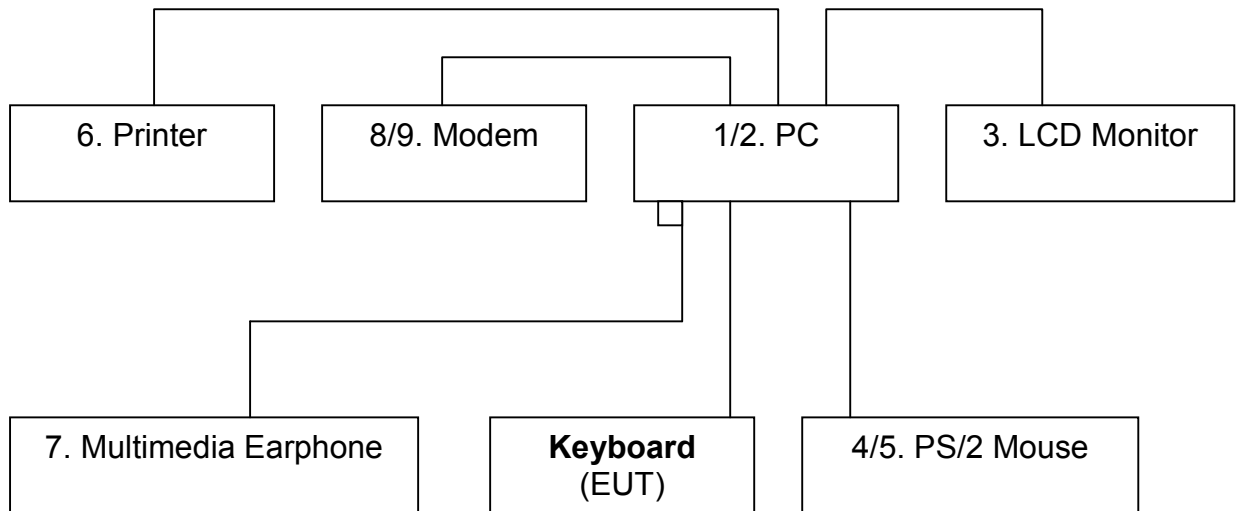
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Model No.	Serial No.	FCC ID	Trade Name	Data Cable	Power Cord
1.	PC	dc7100 CMT	N/A	FCC DoC	HP	N/A	Unshielded, 1.8m
2.	PC	DC7100 CMT	N/A	FCC DoC	HP	N/A	Unshielded, 1.8m
3.	LCD Monitor	710V	GS17H9NXA05853A	FCC DoC	SAMSUNG	Shielded, 1.8m with 2 cores	Unshielded, 1.8m
4.	PS/2 Mouse	M071KC	443029453	FCC DoC	DELL	Shielded, 1.8m	N/A
5.	PS/2 Mouse	MO56UC	443007212	FCC DoC	DELL	Shielded, 1.8m	N/A
6.	Printer	HP 3325	TH31T230VT	FCC DoC	HP	Shielded, 1.8m	Unshielded, 1.8m
7.	Multimedia Earphone	Axis-301	N/A	FCC DoC	Labtec	Unshielded, 1.8m*2	N/A
8.	Modem	DM-1414	211026193	FCC DoC	ACEEX	Shielded, 1.8m	Unshielded, 1.8m
9.	Modem	1456VQE-C	N/A	FCC DoC	LEMEL	Shielded, 1.1m	Unshielded, 1.8m

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



4.2. CONFIGURATION OF SYSTEM UNDER TEST





5 FACILITIES AND ACCREDITATIONS

5.1. FACILITIES

All measurement facilities used to collect the measurement data are located at:

No. 81-1, Lane 210, Pa-De 2nd Rd., Luchu Hsiang, Taoyuan Shien, Taiwan.

No.11, Wugong 6th Rd., Wugu Industrial Park, Taipei Hsien 248, Taiwan

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 approval agencies according to ISO/IEC 17025.

USA	FCC, A2LA
Japan	VCCI
Norway	NEMKO
Canada	INDUSTRY CANADA
Taiwan	TAF, BSMI, NCC

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



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 # B	9kHz~30MHz	+/- 1.7366 dB
Radiated emissions # H	30~200MHz	+/- 3.8992 dB
	200~1000MHz	+/- 3.8762 dB

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: 2006, clause 11, Measurement Uncertainty) determining compliance with the limits shall be based on the results of the compliance measurement. Consequently the measured emissions being less than the maximum allowed emission result in this being a compliant test or passing test.

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



6 CONDUCTED EMISSION MEASUREMENT

6.1. 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 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

Conducted Emission Room B				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
TEST RECEIVER	R&S	ESHS10	843743/015	03/28/2008
LISN (EUT)	FCC	FCC-LISN-50-32-2	08009	01/13/2009
LISN	EMCO	3825/2	1382	01/06/2009
BNC CABLE	MIYAZAKI	5D-FB	BNC B1	07/12/2008
Pulse Limiter	R&S	ESH3-Z2	100374	08/23/2008
THERMO-HYGRO METER	TOP	HA-202	9303-3	01/29/2009
Test S/W	LabVIEW 6.1 (CCS Conduction Test SW Version_01)			

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 Request.



6.3. TEST PROCEDURE (please refer to measurement standard or CCS SOP PA-031)

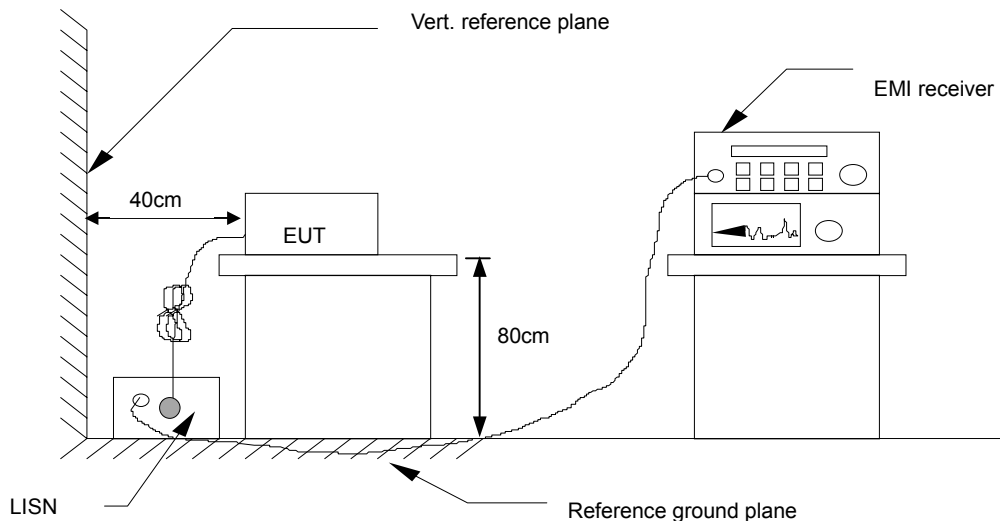
Procedure of Preliminary Test

- 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 3-12 mm 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.

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 (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correctrion factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
x.xx	43.95	33.00	10.00	53.95	43.00	56.00	46.00	-2.05	-3.00	Pass

Frequency (MHz)

= Emission frequency in MHz

Reading (dBuV)

= Uncorrected Analyzer/Receiver reading + Insertion loss of LISN, if it > 0.5 dB

Correction Factor (dB)

= LISN Factor + Cable loss

Result (dBuV)

= Raw reading converted to dBuV and CF added

Limit (dBuV)

= Limit stated in standard

Margin (dB)

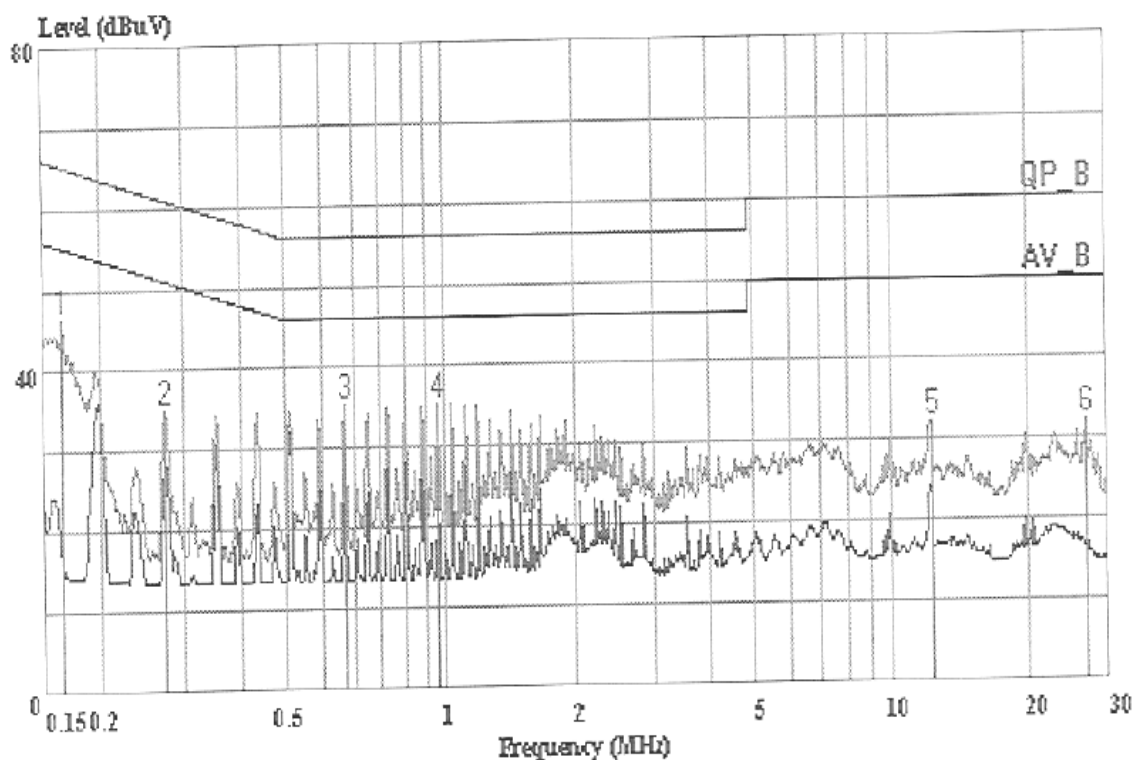
= Result (dBuV) – Limit (dBuV)



6.6. TEST RESULTS

CCS Conduction B

Job No.:	80221003	Line:	L1
Standard:	FCC Part 15B Class B	Date:	2008/02/29
Test Item:	Conduction Emission	Time:	PM 20:09:55
Temp.(°C)/Hum.(%RH):	25°C/55%RH	Tested By:	Eddy Chung
Company:	BEHAVIOR TECH COMPUTER CORP.	Test Mode:	Mode 1
Model:	9313		

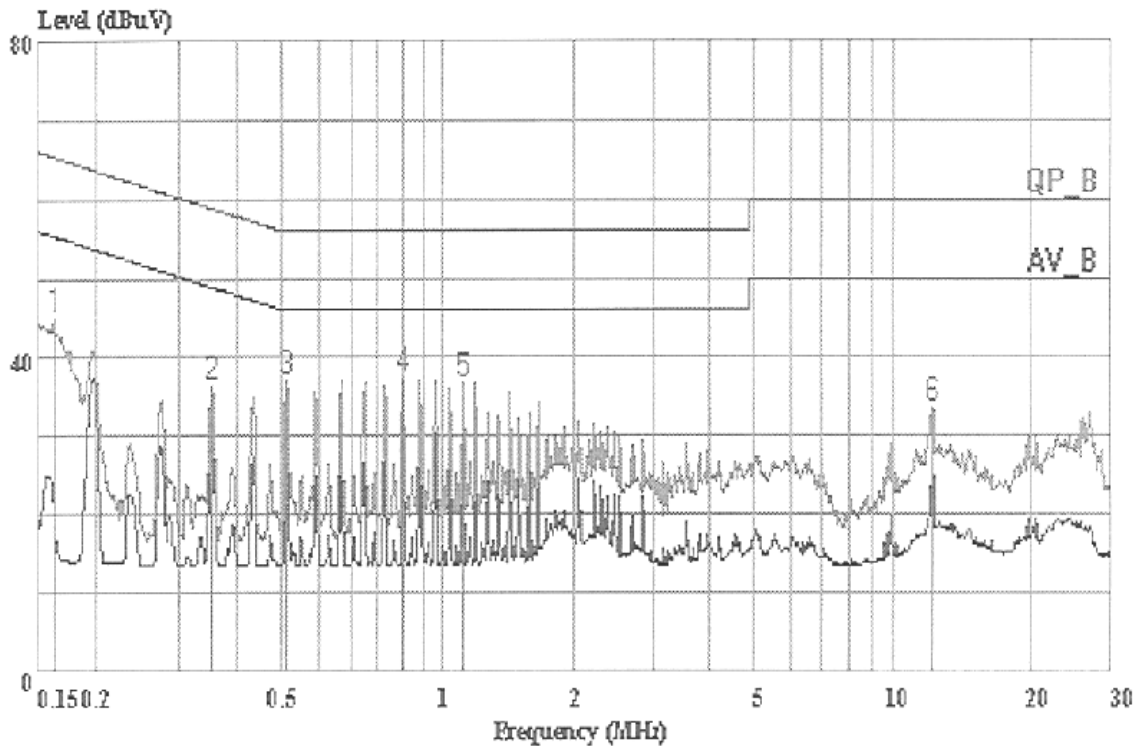


NO.	Frequency	Quasi Peak reading	Average reading	Correction factor	Quasi Peak result	Average result	Quasi Peak limit	Average limit	Quasi Peak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	(Pass/Fail)
1	0.165	35.66	---	10.79	46.45	---	65.21	---	-18.76	---	Pass
2	0.274	24.70	---	10.36	35.06	---	60.98	---	-25.93	---	Pass
3	0.668	25.22	---	10.20	35.42	---	56.00	---	-20.58	---	Pass
4	1.065	25.15	---	10.17	35.32	---	56.00	---	-20.68	---	Pass
5	12.384	2.98	---	10.39	32.37	---	60.00	---	-27.63	---	Pass
6	26.984	21.49	---	10.59	32.08	---	60.00	---	-27.92	---	Pass

REMARKS: L1 = Line One (Live Line)

**CCS Conduction B**

Job No.:	80221003	Line:	L2
Standard:	FCC Part 15B Class B	Date:	2008/02/29
Test Item:	Conduction Emission	Time:	PM 20:00:11
Temp.(°C)/Hum.(%RH):	25°C/55%RH	Tested By:	Eddy Chung
Company:	BEHAVIOR TECH COMPUTER CORP.	Test Mode:	Mode 1
Model:	9313		

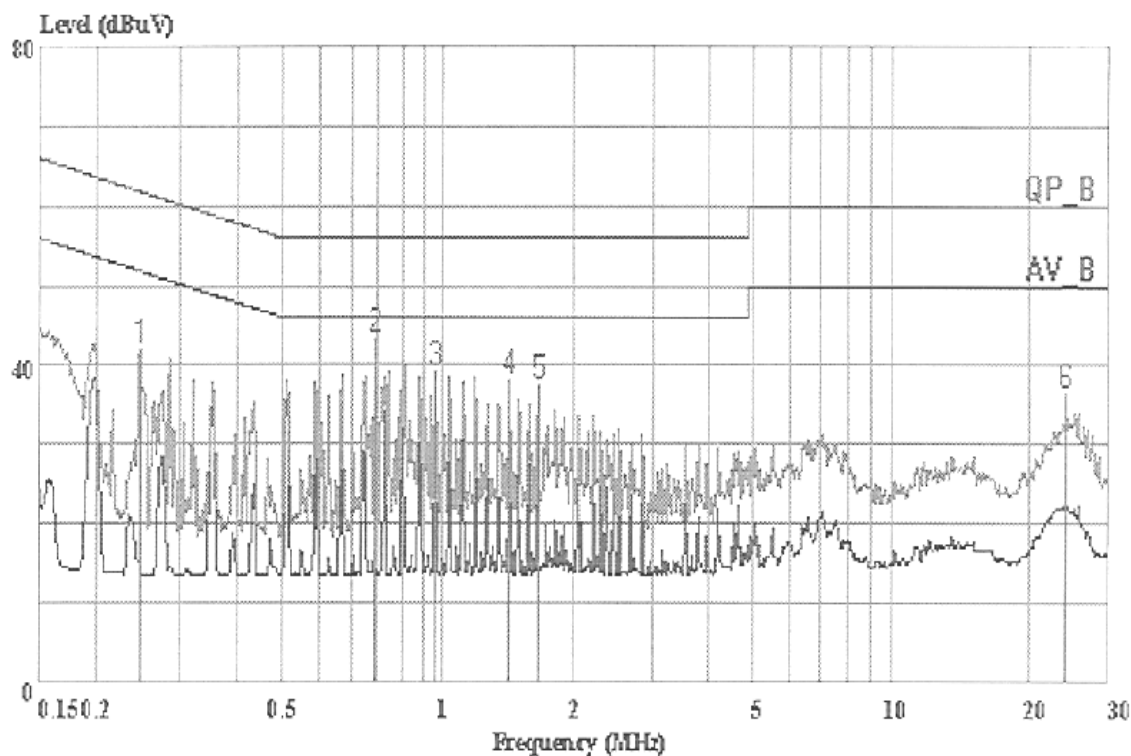


NO.	Frequency	Quasi Peak reading	Average reading	Correction factor	Quasi Peak result	Average result	Quasi Peak limit	Average limit	Quasi Peak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	(Pass/Fail)
1	0.162	34.24	---	10.81	45.05	---	65.34	---	-20.29	---	Pass
2	0.354	26.19	---	10.26	36.45	---	58.87	---	-22.42	---	Pass
3	0.510	26.68	---	10.21	36.89	---	56.00	---	-19.11	---	Pass
4	0.909	27.06	---	10.18	37.24	---	56.00	---	-18.76	---	Pass
5	1.216	26.62	---	10.18	36.80	---	56.00	---	-19.20	---	Pass
6	12.253	23.09	---	10.39	33.48	---	60.00	---	-26.52	---	Pass

REMARKS: L2 = Line Two (Neutral Line)

**CCS Conduction B**

Job No.:	80221003	Line:	L1
Standard:	FCC Part 15B Class B	Date:	2008/02/29
Test Item:	Conduction Emission	Time:	PM 19:44:19
Temp.(°C)/Hum.(%RH):	25°C/55%RH	Tested By:	Eddy Chung
Company:	BEHAVIOR TECH COMPUTER CORP.	Test Mode:	Mode 2
Model:	5313		

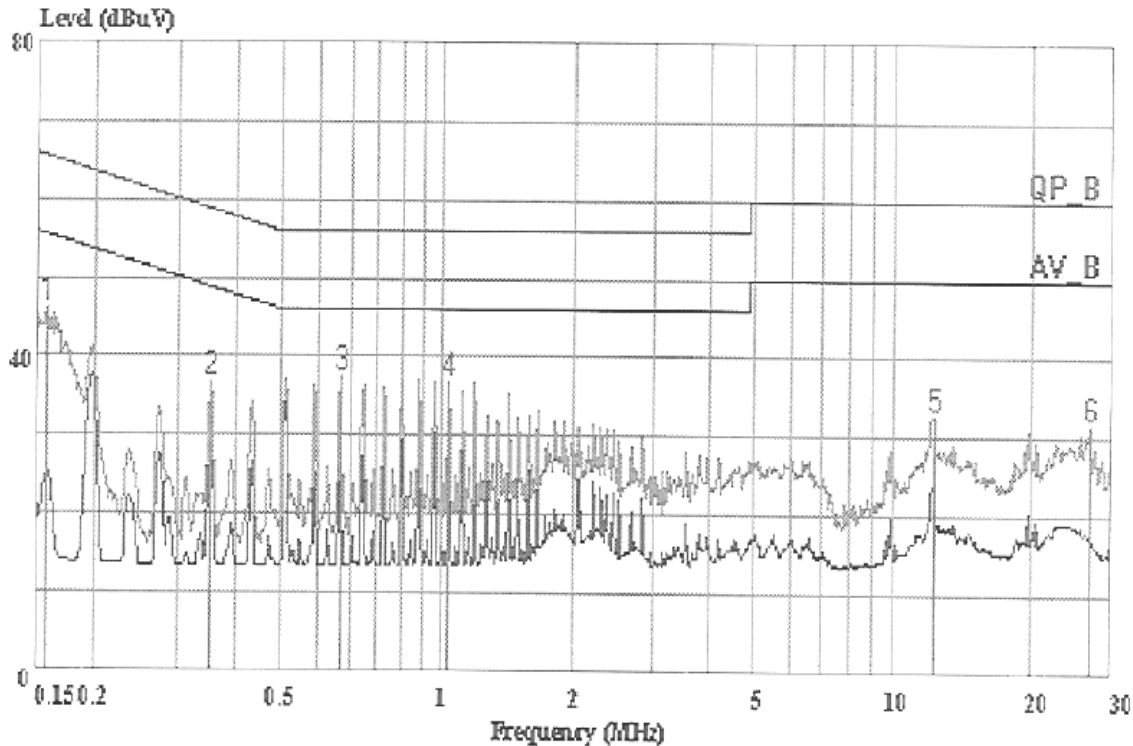


NO.	Frequency	Quasi Peak reading	Average reading	Correction factor	Quasi Peak result	Average result	Quasi Peak limit	Average limit	Quasi Peak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	(Pass/Fail)
1	0.247	31.59	---	10.44	42.03	---	61.86	---	-19.83	---	Pass
2	0.792	33.10	---	10.19	43.28	---	56.00	---	-12.72	---	Pass
3	1.065	28.85	---	10.17	39.02	---	56.00	---	-16.98	---	Pass
4	1.535	27.87	---	10.18	38.05	---	56.00	---	-17.95	---	Pass
5	1.772	27.06	---	10.19	37.25	---	56.00	---	-18.75	---	Pass
6	24.142	25.67	---	10.56	36.23	---	60.00	---	-23.77	---	Pass

REMARKS: L1 = Line One (Live Line)

**CCS Conduction B**

Job No.:	80221003	Line:	L2
Standard:	FCC Part 15B Class B	Date:	2008/02/29
Test Item:	Conduction Emission	Time:	PM 19:51:59
Temp.(°C)/Hum.(%RH):	25°C/55%RH	Tested By:	Eddy Chung
Company:	BEHAVIOR TECH COMPUTER CORP.	Test Mode:	Mode 2
Model:	5313		



NO.	Frequency	Quasi Peak reading	Average reading	Correction factor	Quasi Peak result	Average result	Quasi Peak limit	Average limit	Quasi Peak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	(Pass/Fail)
1	0.157	35.14	---	10.88	46.02	---	65.60	---	-19.59	---	Pass
2	0.354	26.31	---	10.26	36.57	---	58.87	---	-22.30	---	Pass
3	0.668	27.07	---	10.20	37.27	---	56.00	---	-18.73	---	Pass
4	1.141	26.49	---	10.17	36.66	---	56.00	---	-19.34	---	Pass
5	12.384	22.31	---	10.39	32.70	---	60.00	---	-27.30	---	Pass
6	26.984	21.07	---	10.60	31.67	---	60.00	---	-28.33	---	Pass

REMARKS: L2 = Line Two (Neutral Line)



7 RADIATED EMISSION MEASUREMENT

7.1. LIMITS OF RADIATED EMISSION MEASUREMENT

Frequency (MHz)	dBuV/m (At 10m)	
	Class A	Class B
30 ~ 230	40	30
230 ~ 1000	47	37

Frequency (MHz)	Class A (dBuV/m) (At 10m)		Class B (dBuV/m) (At 3m)	
	Average	Peak	Average	Peak
Above 960	59.5	79.5	54	74

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

7.2. TEST INSTRUMENTS

Open Area Test Site # H				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
SITE NSA	CCS	H Site	N/A	08/17/2008
MEASURE RECEIVER	SCHAFFNER	SCR 3501	341	09/05/2008
SPECTRUM ANALYZER	ADVANTEST	R3132	120900002	N.C.R.
ANTENNA	SCHAFFNER	CBL 6112B	2801	09/21/2008
AMPLIFIER	SCHAFFNER	CPA9231A	3613	10/10/2008
CABLE	BELDEN	9913	N-TYPE #H3	03/06/2008
Test S/W	LabVIEW 6.1 (CCS OATS EMI SW V2.6)			

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 Request.



7.3. TEST PROCEDURE (please refer to measurement standard or CCS SOP PA-031)

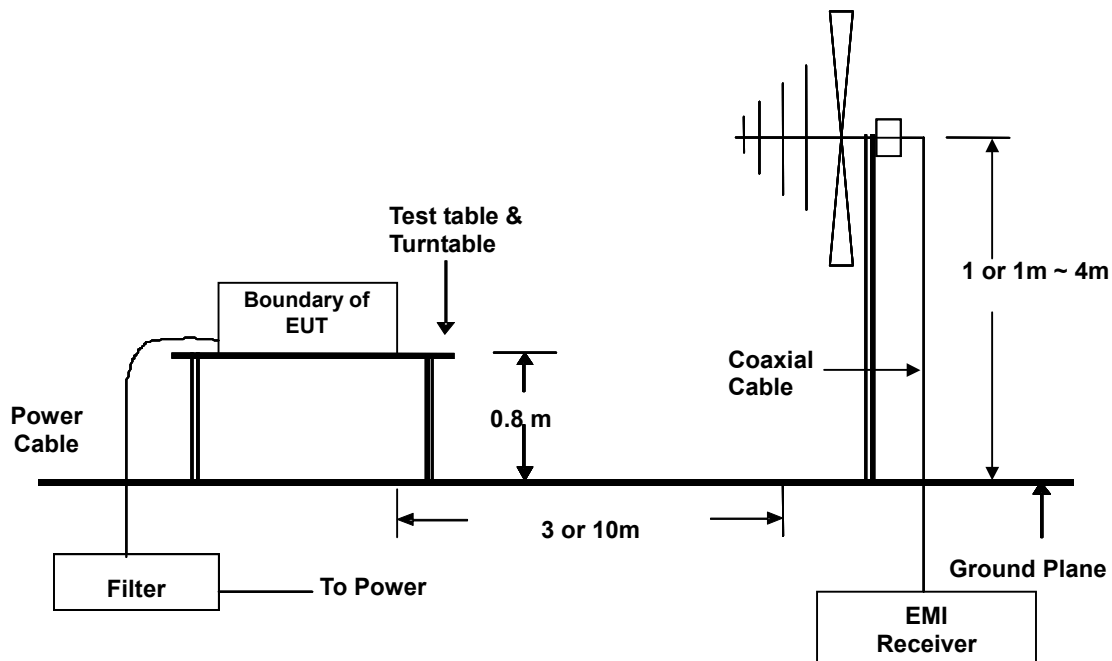
Procedure of Preliminary Test

- 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 wooden turntable 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 3-12 mm 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 and only Q.P. reading is presented.
- The test data of the worst-case condition(s) was recorded.

7.4. TEST SETUP



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

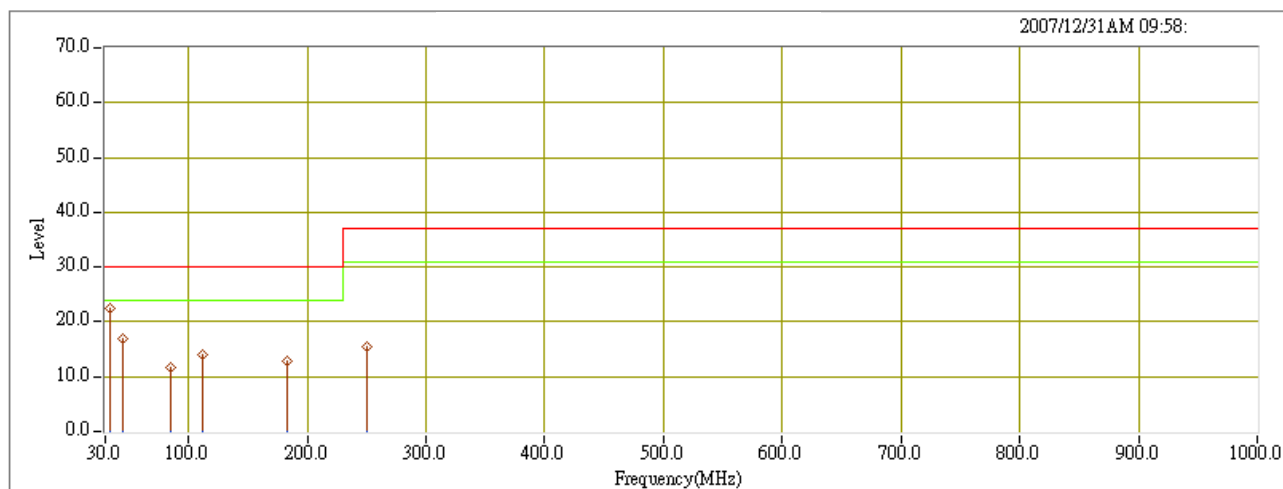
7.5. DATA SAMPLE:

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
xx.xx	16.49	9.86	26.35	30.00	-3.65	116.00	101.00	QP

Frequency (MHz) = Emission frequency in MHz
 Reading (dBuV) = Uncorrected Analyzer / Receiver reading
 Correction Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain
 Result (dBuV/m) = Reading (dBuV) + Corr. Factor (dB/m)
 Limit (dBuV/m) = Limit stated in standard
 Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)
 Q.P. = Quasi-Peak

**7.6. TEST RESULTS****CCS Radiated Test OATS H**

Job No.:	80221003	Ant. Polar.:	Ver.
Standard:	FCC Part 15B Class B	Tested Distance:	10m
Test Item:	Radiated Emission	Date:	2008/2/27
Temp.(°C)/Hum.(%RH):	25°C/50%RH	Time:	PM 05:42:39
Company:	BEHAVIOR TECH COMPUTER CORP.	Tested By:	Jerry Lin
Model:	9313	Test Mode:	Mode 1

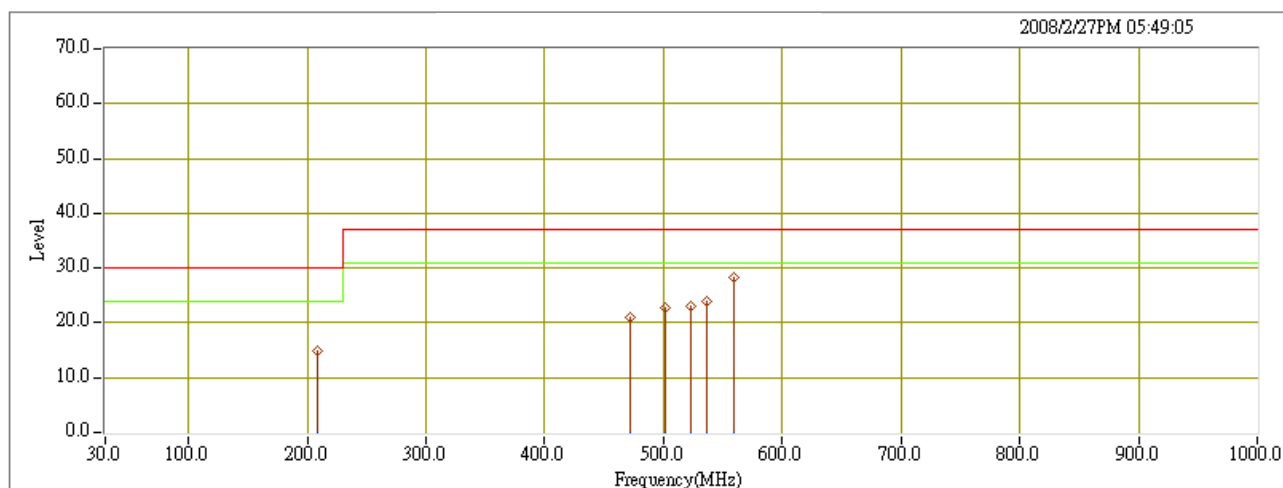


No.	Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	32.41	2.88	12.62	15.50	30.00	-14.50	0.00	100.00	QP
2	51.22	3.58	13.42	17.00	30.00	-13.00	0.00	100.00	QP
3	142.25	9.68	9.35	19.03	30.00	-10.97	0.00	100.00	QP
4	156.86	8.54	9.91	18.45	30.00	-11.55	0.00	100.00	QP
5	164.21	9.75	10.27	20.02	30.00	-9.98	0.00	100.00	QP
6	392.01	0.42	17.99	18.41	37.00	-18.59	0.00	100.00	QP

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

**CCS Radiated Test OATS H**

Job No.:	80221003	Ant. Polar.:	Hor.
Standard:	FCC Part 15B Class B	Tested Distance:	10m
Test Item:	Radiated Emission	Date:	2008/2/27
Temp.(°C)/Hum.(%RH):	25°C/50%RH	Time:	PM 05:49:05
Company:	BEHAVIOR TECH COMPUTER CORP.	Tested By:	Jerry Lin
Model:	9313	Test Mode:	Mode 1

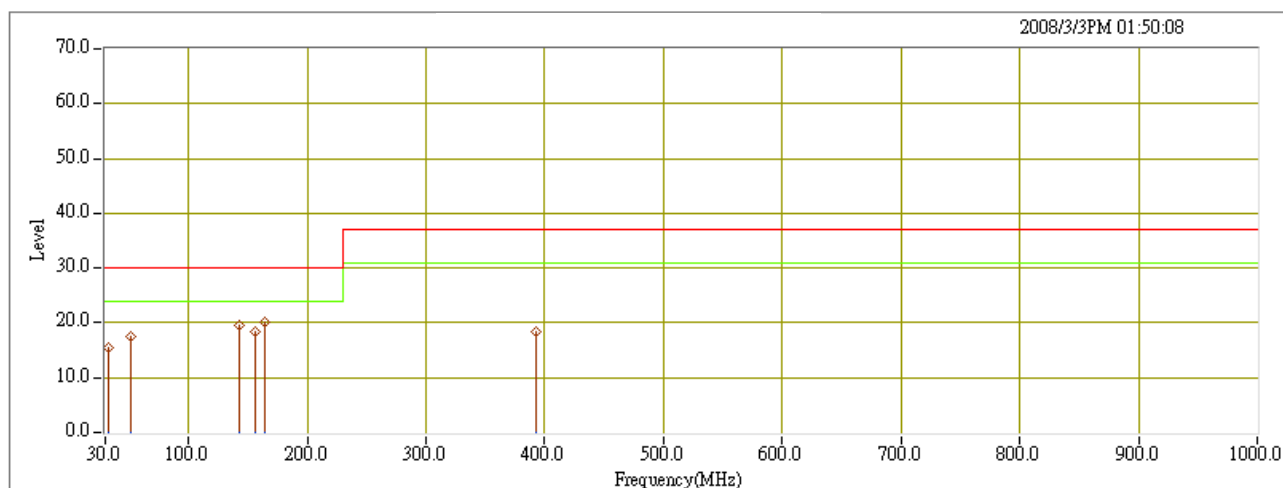


No.	Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	208.11	2.20	12.61	14.81	30.00	-15.19	0.00	100.00	QP
2	472.55	1.54	19.41	20.95	37.00	-16.05	0.00	100.00	QP
3	500.98	2.65	20.12	22.77	37.00	-14.23	0.00	100.00	QP
4	522.39	2.48	20.58	23.06	37.00	-13.94	0.00	100.00	QP
5	536.51	3.01	20.89	23.90	37.00	-13.10	0.00	100.00	QP
6	559.14	6.88	21.38	28.26	37.00	-8.74	0.00	100.00	QP

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

**CCS Radiated Test OATS H**

Job No.:	80221003	Ant. Polar.:	Ver.
Standard:	FCC Part 15B Class B	Tested Distance:	10m
Test Item:	Radiated Emission	Date:	2008/3/3
Temp.(°C)/Hum.(%RH):	25°C/50%RH	Time:	PM 01:50:08
Company:	BEHAVIOR TECH COMPUTER CORP.	Tested By:	Jerry Lin
Model:	5313	Test Mode:	Mode 2

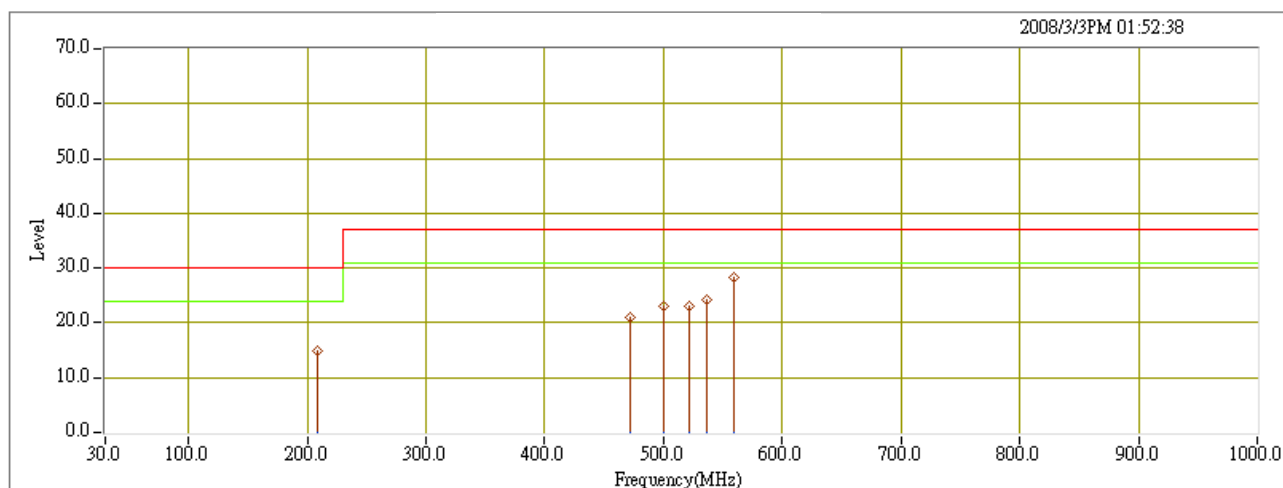


No.	Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	32.43	2.97	12.62	15.59	30.00	-14.41	0.00	100.00	QP
2	51.31	4.21	13.42	17.63	30.00	-12.37	0.00	100.00	QP
3	142.55	10.05	9.36	19.41	30.00	-10.59	0.00	100.00	QP
4	156.61	8.42	9.90	18.32	30.00	-11.68	0.00	100.00	QP
5	164.22	9.77	10.27	20.04	30.00	-9.96	0.00	100.00	QP
6	392.20	0.52	17.99	18.51	37.00	-18.49	0.00	100.00	QP

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

**CCS Radiated Test OATS H**

Job No.:	80221003	Ant. Polar.:	Hor.
Standard:	FCC Part 15B Class B	Tested Distance:	10m
Test Item:	Radiated Emission	Date:	2008/3/3
Temp.(°C)/Hum.(%RH):	25°C/50%RH	Time:	PM 01:52:38
Company:	BEHAVIOR TECH COMPUTER CORP.	Tested By:	Jerry Lin
Model:	5313	Test Mode:	Mode 2



No.	Frequency (MHz)	Reading (dBUV)	Correction Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	208.14	2.31	12.61	14.92	30.00	-15.08	0.00	100.00	QP
2	472.36	1.64	19.41	21.05	37.00	-15.95	0.00	100.00	QP
3	500.79	2.87	20.12	22.99	37.00	-14.01	0.00	100.00	QP
4	522.38	2.58	20.58	23.16	37.00	-13.84	0.00	100.00	QP
5	536.84	3.27	20.90	24.17	37.00	-12.83	0.00	100.00	QP
6	559.65	7.01	21.39	28.40	37.00	-8.60	0.00	100.00	QP

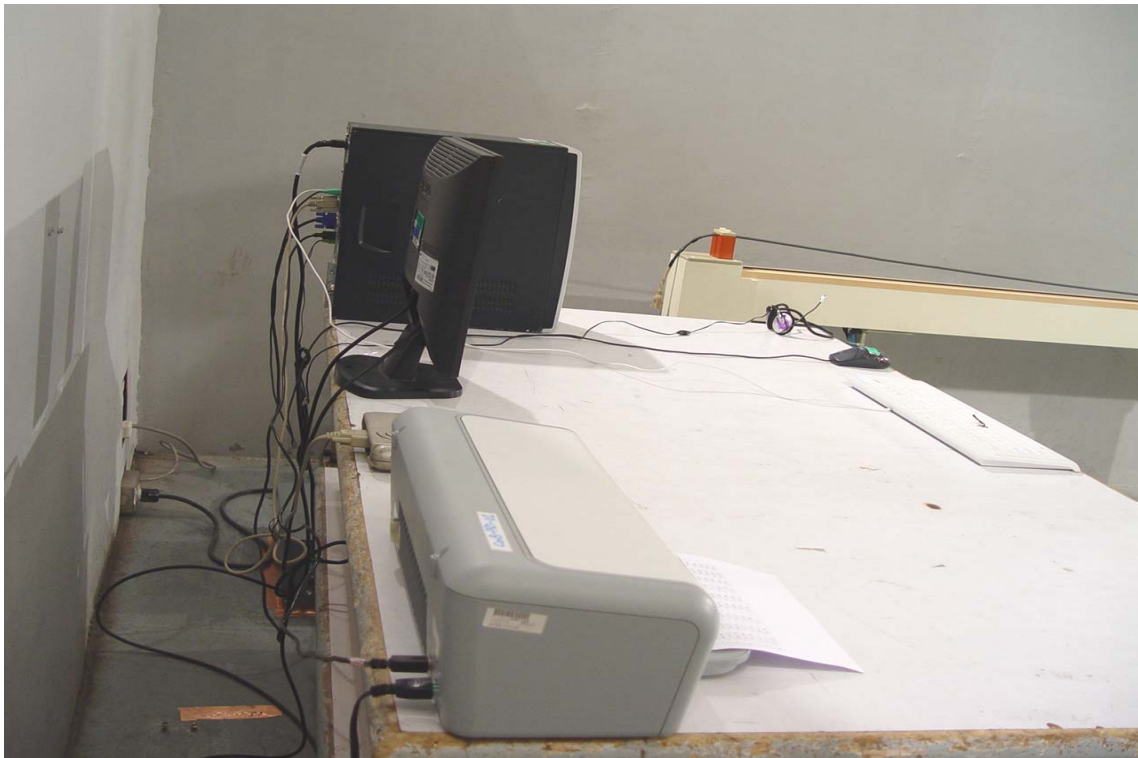
REMARKS: The other emission levels were very low against the limit.



8 PHOTOGRAPHS OF THE TEST CONFIGURATION

CONDUCTED EMISSION TEST

Mode 1



Mode 2





RADIATED EMISSION TEST

Mode 1





Mode 2

