APPLICATION FOR CERTIFICATION

On Behalf of

Wacom Co., Ltd.

LCD Tablet

Model No.：DTU-1631

FCC ID：HV4DTU1631

Brand: Wacom

REF. No.: MP-10481

Prepared for : Wacom Co., Ltd.
2-510-1, Toyonodai, Otone-machi,
Kitasaitama-gun, Saitama 349-1148, Japan

Prepared by : AUDIX Technology Corporation
EMC Department
No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
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File Number	：	EM990377B
Report Number	：	EM-F990171
Date of Test	：	Feb. 22 ~ Mar. 01, 2010
Date of Report	：	Mar. 05, 2010

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TEST REPORT CERTIFICATION

Applicant	:	Wacom Co., Ltd.
Manufacturer #1	:	Qisda Optronics (Suzhou) Co., Ltd.
Manufacturer #2	:	Qisda Corporation
EUT Description	:	LCD Tablet
FCC ID	:	HV4DTU1631

(A) Model No.	:	DTU-1631
(B) Serial No.	:	N/A
(C) Brand	:	Wacom
(D) Ref. No.	:	MP-10481
(E) Power Supply	:	DC 12V, 3.5A
(F) Test Voltage	:	AC 120V/60Hz (Via AC Adapter)

Measurement Procedure Used:

Industry Canada Rules and Regulations RSS-Gen (Issue 2), June 2007 and
RSS-210 (Issue 7), June 2007

FCC RULES AND REGULATIONS PART 15 SUBPART C, July. 2008
AND ANSI C63.4/2003
(Canada RSS-210 §Annex 2.2 and FCC CFR 47 Part 15C, §15.207 and §15.209 and §15.221)

The device described above was tested by AUDIX Technology Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 Subpart C and Canada RSS-210 (Issue 7) Annex 2.2. limits.

The measurement results are contained in this test report and AUDIX Technology Corporation is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the requirements of FCC Part 15 and Industry Canada RSS-Gen, RSS-210 standards.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX Technology Corporation.

Date of Test : Feb. 22 ~ Mar. 01, 2010 Date of Report : Mar. 05, 2010

Producer : _____
(Nita Lee/Administrator)

Review : _____
(Henning Chang/Supervisor)

Signatory : _____
(Ben Cheng/Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	LCD Tablet DVI-I IN *1+DVI-I OUT *1 + No Function Button EUT have two kinds of color (Black & White). (The EUT is a LCD Tablet, which is transceiver. The pen will be sold together with the EUT)
Model Number	:	DTU-1631
Serial Number	:	N/A
Brand	:	Wacom
Ref. No	:	MP-10481
FCC ID	:	HV4DTU1631
Applicant	:	Wacom Co., Ltd. 2-510-1, Toyonodai, Otone-machi, Kitasaitama-gun, Saitama 349-1148, Japan
Manufacturer #1	:	Qisda Optronics (Suzhou) Co., Ltd. 169, Zhujiang Road, New District, Suzhou, Jiangsu Province, P.R. China
Manufacturer #2	:	Qisda Corporation 157, Shan-Ying Road, Gueishan, Taoyuan, 333 Taiwan
Frequency	:	531.25kHz、562.50kHz、593.75kHz
Number of Channel	:	3
LCD Panel	:	AU Optronics (AUO), M/N: M156XW01
Pen	:	(1)Model No. : UP-818E (Wacom, P/N: UP-818E-87A-1) (2)Model No. : UP-817E (Wacom, P/N: UP-817E-80A-1) (3)Model No. : UP-817E (Wacom, P/N: UP-817E-77A-1) Between three models are identical except Model No. & P/N. “UP-818E” is representative selected reported in this test report.

AC Adapter	:	EDACPOWER ELEC., M/N: EA10521E-120 FCC By DoC AC Input: AC 100-240V~, 1.8A, 50-60Hz DC Input: DC 12V, 3.5A Cord: Non-Shielded, Undetachable, 1.2m Bonded a ferrite core
AC Power Cord	:	Non-Shielded, Detachable, 1.8m (2Pin+Ground)
D-Sub to DVI-I Cable	:	Shielded, Detachable, 1.8m Bonded a ferrite core
DVI-D to DVI-I Cable	:	Shielded, Detachable, 1.8m Bonded a ferrite core
USB Cable	:	Non-Shielded, Detachable, 1.8m
Date of Receipt of Sample	:	Feb. 04, 2010
Date of Test	:	Feb. 22 ~ Mar. 01, 2010

1.2. Tested Supporting System Details

*****FOR POWERLINE CONDUCTED EMISSION MEASUREMET*****

1.2.1. PC SYSTEM (LINK TO EUT)

Model Number	:	D530 CMT
Serial Number	:	SGH34105H3
FCC ID	:	By DoC
BSMI ID	:	R33001
Manufacturer	:	HP
VGA Card	:	ASUS, M/N N62000/TD/128M/A S/N 62C0AI014534 FCC ID: By DoC, BSMI ID: D33005
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.2. 15" LCD MONITOR (LINK TO EUT)

Model Number	:	D5063
Serial Number	:	CN206A6555
FCC ID	:	By DoC
BSMI ID	:	R33037
Manufacturer	:	Top Victory Electronics (Fujian) Co., Ltd.
Data Cable (DVI)	:	Shielded, Detachable, 1.8m Bonded two ferrite cores
AC Adapter	:	Delta, M/N ADP-40TB BSMI ID 3892D142 Cord: Shielded, Undetachable, 1.8m Bonded a ferrite core
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.3. PRINTER

Model Number	:	C2642A (DeskJet 400)
Serial Number	:	TH85LIN0Y2
FCC ID	:	B94C2642X
BSMI ID	:	3862A076
Manufacturer	:	Hewlett Packard
Data Cable	:	Shielded, Detachable, 1.8m
Power Adapter	:	HP(NMB), M/N C2175A I/P: Non-Shielded, Undetachable, 0.9m O/P: Non-Shielded, Undetachable, 1.8m

1.2.4. USB MOUSE

Model Number	:	M-UV69a
Serial Number	:	HCB60403092
FCC ID	:	By DoC
BSMI ID	:	T4A126
Manufacturer	:	LOGITECH (Brand: ASUS)
Data Cable	:	Shielded, Undetachable, 1.8m

1.2.5. KEYBOARD

Model Number	:	AS-KBA000
Serial Number	:	C0602118422
FCC ID	:	By DoC
BSMI ID	:	T3A002
Manufacturer	:	Siltek (Brand: ASUS)
Data Cable	:	Non-Shielded, Undetachable, 1.8m

1.2.6. USB 2.0 STORAGE MEDIA (MICRO VAULT)

Model Number	:	USM128U2
Serial Number	:	N/A
FCC ID	:	By DoC
BSMI ID	:	D33021
Manufacturer	:	SONY
Data Cable	:	Shielded, Detachable, 1.5m

1.2.7. I-POD PLAYER #1 (LINK TO EUT)

Model Number	:	A1204
Serial Number	:	4H722TJKVTE
FCC ID	:	By DoC
BSMI ID	:	R33057
Manufacturer	:	APPLE
Data Cable	:	Shielded, Undetachable, 1.0m

1.2.8. I-POD PLAYER #2 (LINK TO EUT)

Model Number	:	A1204
Serial Number	:	4H722T8WVTE
FCC ID	:	By DoC
BSMI ID	:	R33057
Manufacturer	:	APPLE
Data Cable	:	Shielded, Undetachable, 1.0m

*****FOR RADIATED EMISSION MEASUREMENT*****

1.2.9. NOTEBOOK PC (LINK TO EUT)

Model Number	:	PP2130
Serial Number	:	5Y31KSQZB0ZF
FCC ID	:	By DoC
BSMI ID	:	3912A556
Brand	:	Compaq
Manufacturer	:	LG
AC Adapter	:	LG, M/N HP-AP091F13P BSMI ID R33036 I/P 100-240V~, 1.5A, 50-60Hz O/P DC 19V, 4.74A Cord: Shielded, Undetachable, 1.8m Bonded a ferrite core
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.3. Description of Test Facility

Name of Firm	:	**AUDIX Technology Corporation** **EMC Department** No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang, Taipei Hsien, Taiwan
Test Location & Facility (C5/Semi-AC)	:	**No. 5 Shielded Room** No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang, Taipei Hsien, Taiwan. **Semi-Anechoic Chamber** No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang, Taipei Hsien, Taiwan. May 15, 2006 File on Federal Communication Commission Registration Number: 90993
NVLAP Lab. Code	:	200077-0
TAF Accreditation No	:	1724

1.4. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty (dB)
Conduction Test	150kHz~30MHz	±1.73dB
Radiation Test (Distance: 3m)	30MHz~300MHz	± 2.91dB
	300MHz~1000MHz	± 2.74dB

Remark：Uncertainty = $ku_c(y)$

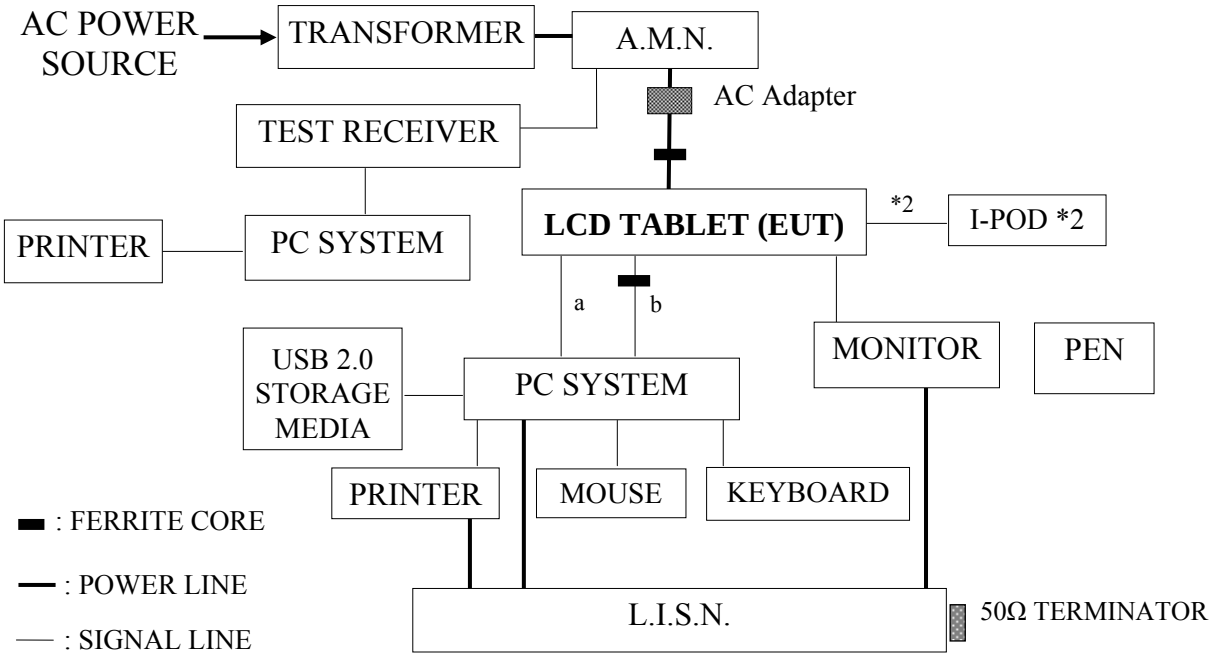
2. POWERLINE CONDUCTED EMISSION MEASUREMET

2.1. Test Equipment

The following test equipments were used during the powerline conducted emission measuremet: (No. 5 Shielded Room)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R&S	ESCS30	100039	Jun. 18, 09’	Jun. 17, 10’
2.	A.M.N.	R & S	ENV4200	100003	Jun. 08, 09’	Jun. 07, 10’
3.	L.I.S.N.	Kyoritsu	KNW-407	8-1539-3	Nov. 03, 09’	Nov. 02, 10’

2.2. Block Diagram of Test Setup



a: USB Cable b: D-Sub to DVI-I Cable

2.3. Powerline Conducted Emission Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level	Average Level
150kHz ~ 500kHz	66 ~ 56 dBμV	56 ~ 46 dBμV
500kHz ~ 5MHz	56 dBμV	46 dBμV
5MHz ~ 30MHz	60 dBμV	50 dBμV

Remark1.: If the average limit is met when using a Quasi-Peak detector, the EUT shall be deemed to meet both limits and measurement with the average detector is unnecessary.

2.: The lower limit applies at the band edges.

2.4. Operating Condition of EUT

2.4.1. Set up the EUT and simulator as shown on 2.2.

2.4.2. To turn on the power of all equipment.

2.4.3. The EUT was continuously transmitting frequency to pen during testing.

2.4.4. The other peripheral devices were driven and operated in turn during all testing.

2.5. Test Procedure

The EUT was put on table which was above the ground by 80cm and AC adapter's power cord connected to the AC mains through an Artificial Mains Network (A.M.N.). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provided a 50 ohm coupling impedance for the measuring equipment. (Please refer to the block diagram of the test setup and photographs.) Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions simulators of the interface cables should be manipulated according to FCC ANSI C63.4-2003 during conducted measurement.

The bandwidth of the R&S Test Receiver ESCS30 was set at 9kHz.

The frequency range from 150kHz to 30MHz was checked.

All the final readings from Test Receiver were measured with the Quasi-Peak detector and Average detector. (Remark: If the Average limit is met when using a Quasi-Peak detector, the Average detector is unnecessary)

2.6. Powerline Conducted Emission Measurement Results

PASSED.
(All the emissions not reported below are too low against the prescribed limits.)

The EUT was performed during this section testing and all the test results are attached in next pages.

EUT：LCD Tablet M/N：DTU-1631

Test Date: Feb. 22, 2010 Temperature: 20℃ Humidity: 62%

Reference Test Data No.: Line: # 15; Neutral: # 16

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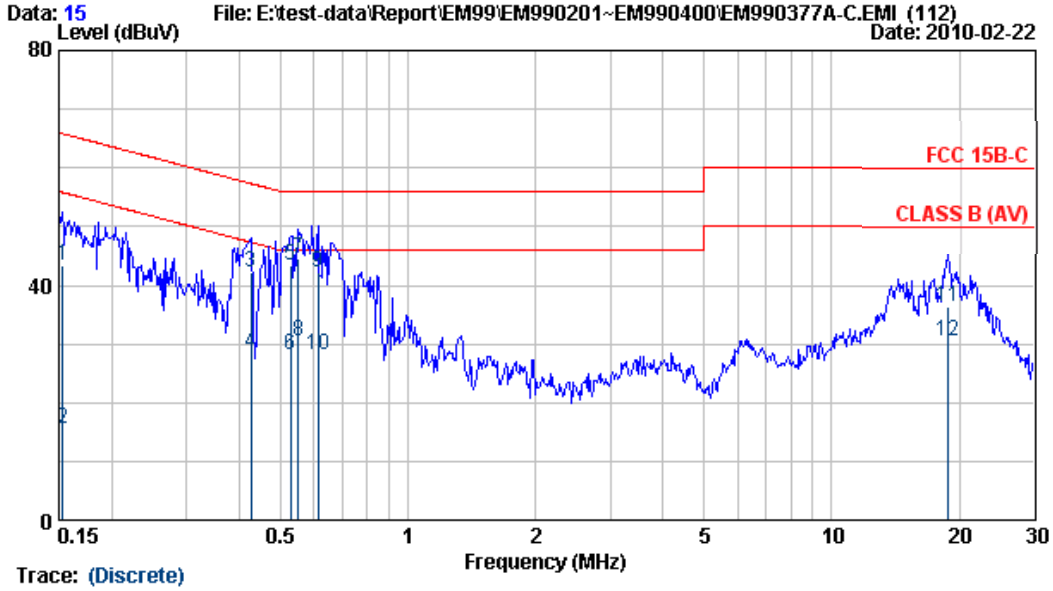

Site : NO.5 Shielded Room Data : 15
Condition : ENV 4200 Phase : LINE
Limit : **FCC 15B-C**
Env. / Ins. : 20*C / 62% ESCS 30 (039) Engineer: Frank Ho
EUT : LCD TABLET M/N:DTU-1631
Power Rating : 120Vac / 60Hz
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.153	10.10	0.20	32.95	43.25	65.82	22.57	QP
2	0.153	10.10	0.20	5.16	15.46	55.82	40.36	AVERAGE
3	0.426	9.90	0.20	32.06	42.16	57.33	15.18	QP
4	0.426	9.90	0.20	18.26	28.36	47.33	18.98	AVERAGE
5	0.529	9.88	0.20	33.28	43.36	56.00	12.65	QP
6	0.529	9.88	0.20	18.18	28.26	46.00	17.75	AVERAGE
7	0.552	9.88	0.20	34.48	44.56	56.00	11.45	QP
8	0.552	9.88	0.20	20.43	30.51	46.00	15.50	AVERAGE
9	0.614	9.86	0.20	32.13	42.19	56.00	13.81	QP
10	0.614	9.86	0.20	18.16	28.22	46.00	17.78	AVERAGE
11	18.725	9.97	0.70	25.73	36.40	60.00	23.60	QP
12	18.725	9.97	0.70	19.71	30.38	50.00	19.62	AVERAGE

Remarks: 1.Emission Level= AMN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

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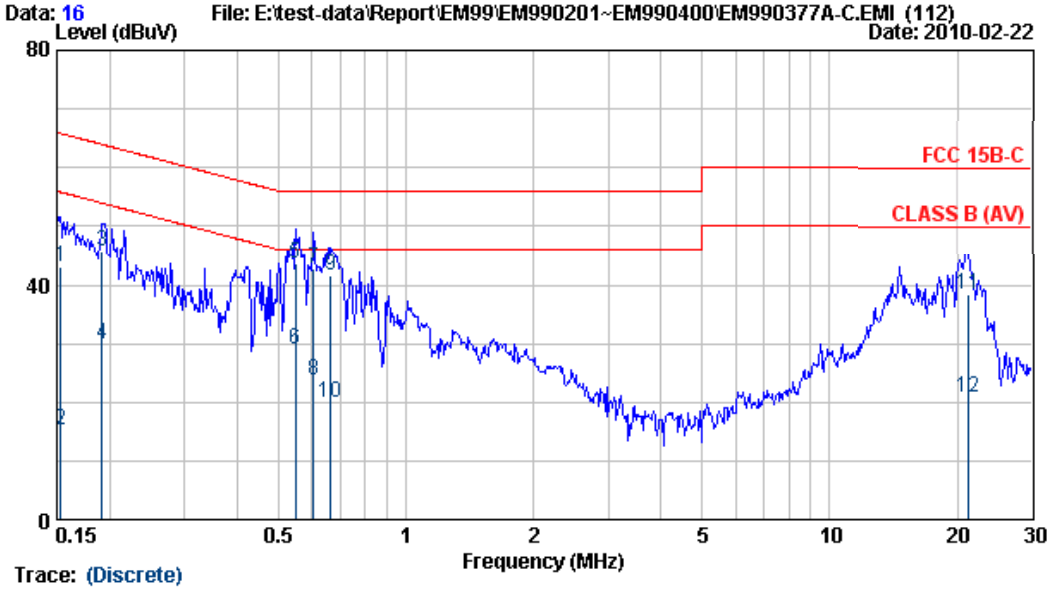


Site : NO.5 Shielded Room Data : 16
Condition : ENV 4200 Phase : NEUTRAL
Limit : **FCC 15B-C**
Env. / Ins. : 20*C / 62% ESCS 30 (039) Engineer: Frank Ho
EUT : LCD TABLET M/N:DTU-1631
Power Rating : 120Vac / 60Hz
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.153	10.10	0.20	32.87	43.17	65.82	22.65	QP
2	0.153	10.10	0.20	4.84	15.14	55.82	40.68	AVERAGE
3	0.191	10.05	0.20	35.33	45.58	63.98	18.40	QP
4	0.191	10.05	0.20	19.70	29.95	53.98	24.03	AVERAGE
5	0.549	9.88	0.20	33.49	43.57	56.00	12.44	QP
6	0.549	9.88	0.20	18.90	28.98	46.00	17.03	AVERAGE
7	0.604	9.87	0.20	32.72	42.79	56.00	13.22	QP
8	0.604	9.87	0.20	13.62	23.69	46.00	22.32	AVERAGE
9	0.665	9.86	0.20	31.52	41.58	56.00	14.43	QP
10	0.665	9.86	0.20	9.96	20.02	46.00	25.99	AVERAGE
11	21.155	10.00	0.70	27.67	38.37	60.00	21.63	QP
12	21.155	10.00	0.70	10.25	20.95	50.00	29.05	AVERAGE

Remarks: 1.Emission Level= AMN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

The following test equipment was used during the radiated emission measurement:

3.1.1. For Frequency Range 9kHz~30MHz (at Semi-Anechoic Chamber)

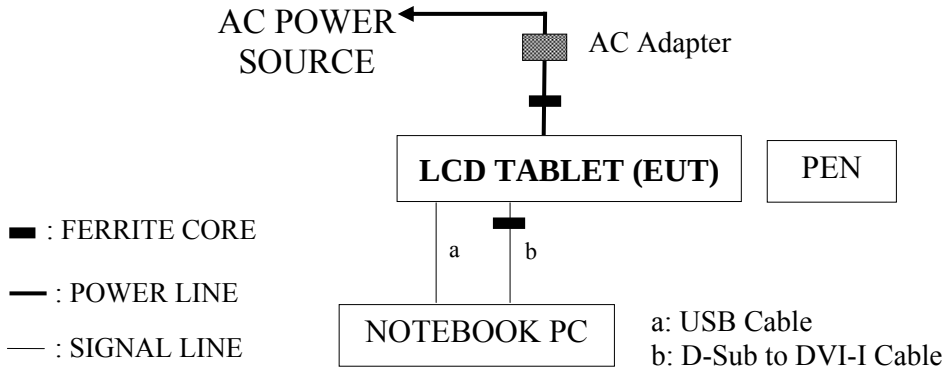
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8593EM	3826A00272	Jun. 26, 09’	Jun. 25, 10’
2.	Test Receiver	R&S	ESCS30	100265	Aug. 28, 09’	Aug. 27, 10’
3.	Loop Antenna	EMCO	6507	N/A	Oct. 01, 09’	Sep. 30, 10’

3.1.2. For Frequency Range 30MHz~1000MHz (at Semi-Anechoic Chamber)

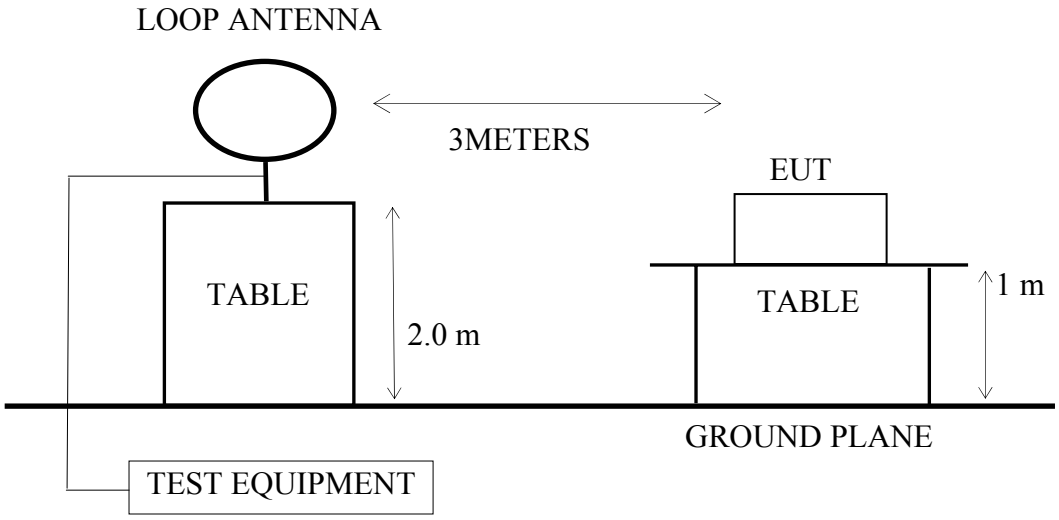
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8593EM	3826A00272	Jun. 26, 09’	Jun. 25, 10’
2.	Test Receiver	R&S	ESCS30	100265	Aug. 28, 09’	Aug. 27, 10’
3.	Pre-Amplifier	HP	8447D	2944A06305	Feb. 03, 10’	Feb. 02, 11’
4.	Biconical Antenna	CHASE	VBA6106A	1264	Mar. 20, 09’	Mar. 19, 10’
5.	Log Periodic Antenna	Schwarzbeck	UHALP9108-A	0810	Mar. 20, 09’	Mar. 19, 10’

3.2. Test Setup

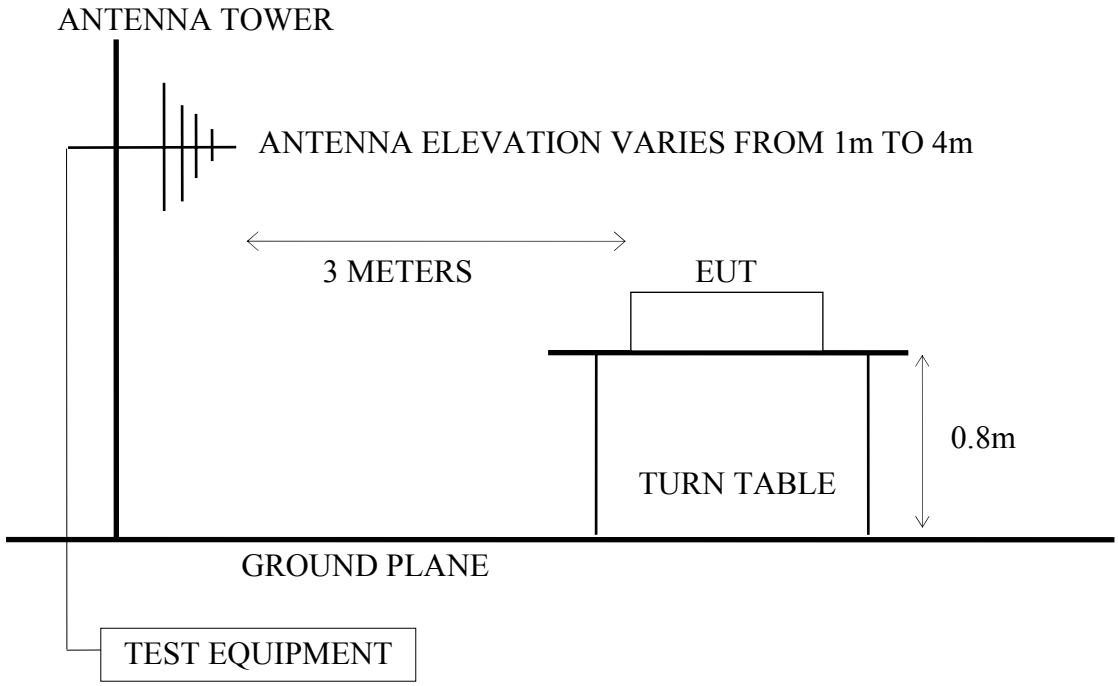
3.2.1. Block Diagram of connection between EUT and simulators



3.2.2. Semi-Anechoic Chamber Setup Diagram (9kHz-30MHz, 3m)



3.2.3. Semi-Anechoic Chamber (3m) Setup Diagram for 30-1000MHz



3.3. Radiated Emission Limits (§15.209)

3.3.1. Frequency 9kHz-30MHz

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMITS
		μV/m
0.009-0.490	300	2400/F(kHz)
0.490-1.705	30	24000/F(kHz)
1.705-30.0	30	30

Remark：(1) Limit (dBμV/m)=20log [24000/F(kHz)] (The measurement distance at 30m)+40log(30/3)(The measurement distance at 3m)
(2) The tighter limit applies at the edge between two frequency bands.
(3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.3.2. Frequency Above 30MHz

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMITS	
		μV/m	dBμV/m
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0

Remark：(1) Emission level (dBμV/m) = 20log Emission level (μV/m)
(2) The tighter limit applies at the edge between two frequency bands.
(3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.4. Operating Condition of EUT

Same as powerline conducted measurement which is listed in 2.4. except the test set up replaced by section 3.2.

3.5. Test Procedure

3.5.1. For Frequency Range 9kHz-30MHz which measurement distance was 3m at Semi-Anechoic Chamber:

The EUT was placed on a turn table which was 1 meter above the ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT was set to 3 meters away from the Loop Antenna which is mounted on table. The antenna is fixed, with the lower edge of the loop at 2m height above the floor to find out the maximum emission level.

The bandwidth of the R&S Test Receiver ESCS30 & the HP Spectrum Analyzer was set at 200Hz. (Frequency range 9kHz-150kHz)

The bandwidth of the R&S Test Receiver ESCS30 & the HP Spectrum Analyzer was set at 9kHz. (Frequency range 150kHz-30MHz)

The frequency range from 9kHz to 30MHz was pre-scanned with a peak detector. All the final readings from test receiver were measured with Quasi-Peak detector.

3.5.2. For Frequency Range 30-1000MHz which measurement distance was 3m at Semi-Anechoic Chamber:

The EUT and its simulators were placed on a turn table which was 0.8 meter above the ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT was set 3 meters away from the receiving antenna which was mounted on an antenna tower. The antenna moved up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna such as calibrated biconical and log-periodical antenna were used as a receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to FCC ANSI C63.4-2003 regulation.

The bandwidth of the R&S Test Receiver ESCS30 was set at 120kHz.

3.6. Test Results

PASSED.
(All emissions not reported below are too low against the prescribed limits.)

EUT：LCD Tablet M/N：DTU-1631

For Frequency Range 9kHz-30MHz:

The EUT with following test frequency was measured at Semi-Anechoic Chamber and all the test results are listed in section 3.6.1.

Test Date：Mar. 01, 2010 Temperature：21℃ Humidity：36%

No.	Test Frequency
1.	531.25kHz
2.	562.50kHz
3.	593.75kHz

For Frequency Range 30~1000MHz:

The EUT was measured at Semi-Anechoic Chamber and all the test results are listed in section 3.6.2.

Test Date：Feb. 26, 2010 Temperature：21℃ Humidity：36%

Reference Test Data No.: Horizontal: # 16; Vertical: # 15

The spurious emission for receiver is lower than 20dBm and too low to measure, it need not be reported.

3.6.1. Frequency Range 9kHz-30MHz Radiated Emission Measurement Results

Date of Test： Mar. 01, 2010 Temperature： 21℃

EUT： LCD Tablet, M/N DTU-1631 Humidity： 36%

Test Mode： Frequency: 531.25kHz

Frequency (kHz)	Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
531.25	39.92	73.10	-33.18
1062.50	31.58	67.08	-35.50
1593.75	30.17	63.56	-33.39
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"--"The filed strength too low against the limit.

Date of Test： Mar. 01, 2010 Temperature： 21℃

EUT： LCD Tablet, M/N DTU-1631 Humidity： 36%

Test Mode： Frequency: 562.50kHz

Frequency (kHz)	Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
562.50	40.33	72.60	-32.27
1125.00	32.07	66.58	-34.51
1687.50	30.54	63.06	-32.52
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"--"The filed strength too low against the limit.

Date of Test： Mar. 01, 2010 Temperature： 21℃

EUT： LCD Tablet, M/N DTU-1631 Humidity： 36%

Test Mode： Frequency: 593.75kHz

Frequency (kHz)	Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
593.75	40.85	72.13	-31.28
1187.50	32.23	66.11	-33.88
1781.25	28.14	69.54	-41.40
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"--"The filed strength too low against the limit.

3.6.2. Frequency Range 30-1000MHz Radiated Emission Measurement Results

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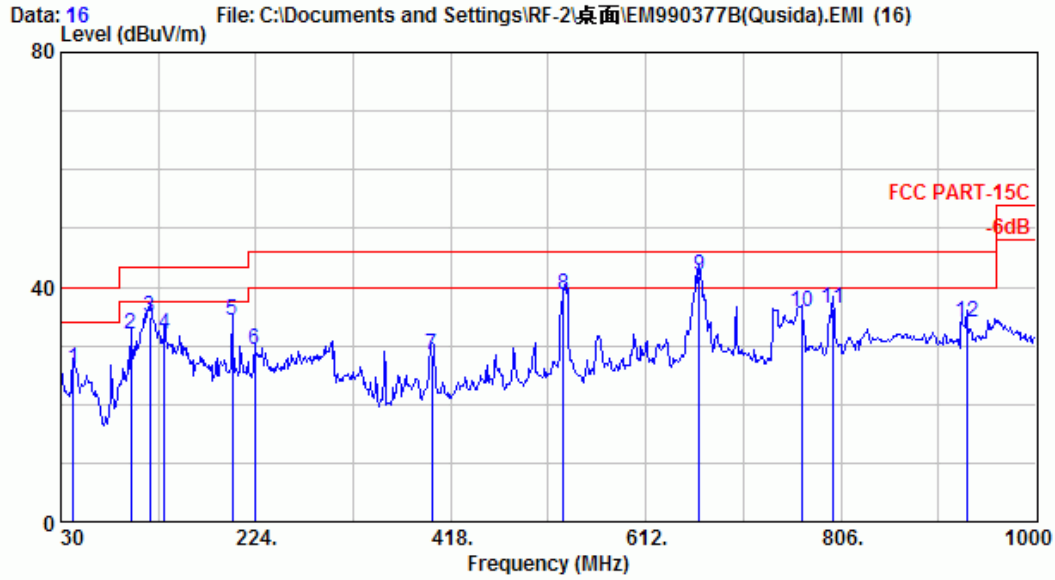

Site no. : site
Dis. / Ant. : 3m VBA6106A/UHALP9108A
Limit : FCC PART-15C
Env. / Ins. : 21*C/36% 8593EM
EUT : LCD Tablet M/N:DTU-1631
Power Rating : 120Vac/60Hz
Test Mode : Operating

Data no. : 16
Ant. pol. : HORIZONTAL
Engineer : Henning Chang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	42.690	19.86	1.30	31.25	25.98	40.00	14.02	
2	99.930	17.08	2.10	38.97	31.85	43.50	11.65	
3	118.290	18.94	2.30	39.72	34.78	43.50	8.72	
4	133.140	19.87	2.40	35.66	31.83	43.50	11.67	
5	200.640	22.08	3.00	34.91	34.19	43.50	9.31	
6	222.780	21.94	3.30	29.86	29.33	46.00	16.67	
7	399.400	17.69	4.80	32.48	28.36	46.00	17.64	
8	530.300	19.70	6.90	38.88	38.54	46.00	7.46	
9	665.400	22.65	6.40	40.25	41.97	46.00	4.03	
10	766.900	23.86	6.80	32.46	35.79	46.00	10.21	
11	798.400	24.09	6.90	32.70	36.39	46.00	9.61	
12	931.400	25.11	7.50	28.22	33.92	46.00	12.08	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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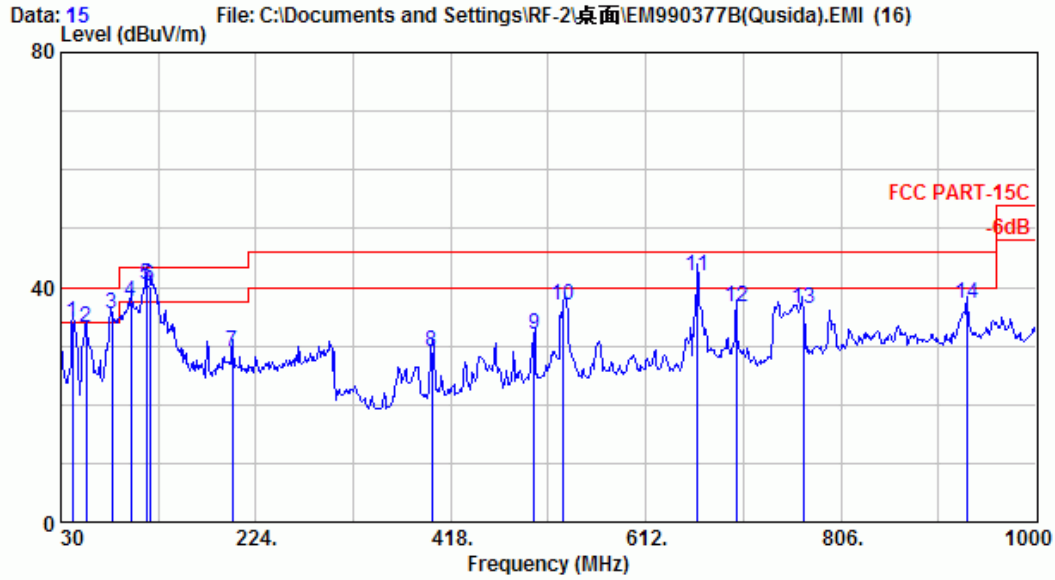

Site no. : site
Dis. / Ant. : 3m VBA6106A/UHALP9108A
Limit : FCC PART-15C
Env. / Ins. : 21*C/36% 8593EM
EUT : LCD Tablet M/N:DTU-1631
Power Rating : 120Vac/60Hz
Test Mode : Operating

Data no. : 15
Ant. pol. : VERTICAL
Engineer : Henning Chang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	41.880	20.14	1.30	38.89	33.89	40.00	6.11	
2	54.840	14.39	1.50	43.60	33.10	40.00	6.90	
3	80.490	13.81	1.89	46.14	35.51	40.00	4.49	
4	99.930	17.08	2.10	44.68	37.56	43.50	5.94	
5	114.780	18.60	2.30	45.87	40.57	43.50	2.93	
6	118.830	19.02	2.30	44.89	40.04	43.50	3.46	
7	200.640	22.08	3.00	29.85	29.13	43.50	14.37	
8	399.400	17.69	4.80	33.17	29.05	46.00	16.95	
9	500.900	18.87	6.52	33.45	32.05	46.00	13.95	
10	530.300	19.70	6.90	37.29	36.95	46.00	9.05	
11	663.300	22.52	6.32	40.42	41.92	46.00	4.08	
12	701.800	23.53	6.50	34.09	36.73	46.00	9.27	
13	768.300	23.87	6.80	33.07	36.40	46.00	9.60	
14	931.400	25.11	7.50	31.65	37.35	46.00	8.65	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.