

Attachment 3

FCC PART 15B TEST REPORT

Report No. : FG08-101EAL (1/12)

EMI Test report

CATEGORY : EN55022(2006) / CISPR 22(2005) ; Class B
AS/NZS CISPR22 (2006)
FCC Part-15 (2007)
VCCI (2008)
EN301 489-17 V1.2.1, EN301 489-1 V1.4.1

MANUFACTURER : FUJITSU LIMITED
4-1-1, Kamikodanaka, Nakahara-ku, Kawasaki 211-8588 JAPAN

PRODUCT TYPE : Personal computer ST6010
AC Adapter SED80N2-16.0
Docking Station FPCPR91
Bluetooth module EYSMJCS
Wireless LAN 553AN_HMW 512AN_HMW AR5BHB92
UWB module RTU7305 BG1 HMC V1-4

TEST SITE : FUJITSU GENERAL EMC LABORATORY
1116, Suenaga, Takatsu-ku, Kawasaki 213-8502 JAPAN

DATE TESTED : August 26, 2008 24°C 55%

TESTED BY : Hiroyuki Aikawa

EUT conforms to the above mentioning All regulations.

APPROVED BY :

for K. Shimano

DATE : September 1, 2008

Hiroyuki Shimano, President

FUJITSU GENERAL EMC LABORATORY LIMITED

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CLIENT : Global Business Division, FUJITSU LIMITED

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※ The description of the EUT and the system configuration in this report are provided by the client.



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1. Description of EUT

The EUT: ST6010 is the personal computer equipping CPU; Core2 Duo SU9400 1.4 GHz microprocessor, a 12.1 inch WXGA LCD, a DVD-super multi drive, a system disk (60 GB×1). The EUT has the interface for RGB⑧, Mic-in①, Phone-out①, LAN①, USB×5②③④⑤⑥, Memory card slot, PC card slot, selective the Bluetooth, UWB and wireless LAN.

The type codes of wireless LAN module are given according to the number of the antenna as follows.

Type	Communication method	Antenna	Manufacturer
533AN_HMW	IEEE802.11a/ b/ g/ n	3 antennas	Intel
512AN_HMW	IEEE802.11a/ b/ g/ n	2 antennas	Intel
AR5BHB92	IEEE802.11a/ b/ g/ n	2 antennas	Atheros

Internal clock frequency : 4.000 MHz, 14.318 MHz, 24.576MHz, 25.000 MHz, 33.300 MHz, 48.000 MHz, 96.000 MHz, 100.000 MHz, 266.000 MHz,

Input power : AC 100 - 240V, 50 / 60 Hz, Single-phase 2 wires

The EUT is intended to use generally in the residential / domestic area or commercial and light industrial area; category class B.

1.1 Test system configuration

The measurement was performed using ST6010 with internal wireless LAN module; any one of 553AN_HMW, 512AN_HMW or AR5BHB92, UWB module; RTU7305 BG1 HMC V1-4 and Bluetooth module; EYSMJCS, external Docking Station; FPCPR91 and all related equipments as the maximum personal computer system shown in figure-1.

The EUT was selected from the pre-production line.

1.2 Operating condition

The following EUT and dependent devices were tested using "EMC.exe", "Blue test" and "CRTU" or "ART" program under continuous operating condition to obtain maximize emission.

- | | | |
|-------------------------|---------------|--|
| ① PC-1 | LCD-1: | Display "H" character on screen (Maximum contrast / Luminescence)
(Display resolution 1280×800 / Refresh rate 60Hz) |
| | LAN: | Continuous transmission and receiving ping command. (1000 M Max) |
| | HDD-1: | Read/write the test data |
| | Bluetooth: | Continuous transmission of the RF signal |
| | Wireless LAN: | Continuous transmission of the RF signal |
| | UWB: | Continuous transmission of the RF signal |
| ② DCK: | DVD: | Play the test disk |
| ③ PC card: | | Read/write the test data |
| ④ SD card: | | Read/write the test data |
| ⑤ LCD-2: | | Display "H" character on screen (Maximum contrast / Luminescence) |
| ⑥ Headset: | | Connecting only |
| ⑦ USB mouse: | | Connecting only |
| ⑧ USB Memory (USB2.0) : | | Read/write the test data (480 M Max) |
| ⑨ UWB HUB: | | Read/write the test data (480 M Max) |
| ⑩ PC-2: | | Continuous transmission and receiving ping command. (1000 M Max) |

2. EMI test results summary

Applied standard: EN55022 (2006)

Limit value: Class B

The test samples met the class B limit of EN55022(2006)/ CISPR22(2005) and applicable below regulations as shown the following highest 6 points of each emission profiles.

EN301 489-1 V1.4.1

Australia, New Zealand: AS/NZS CISPR22 (2006)

U.S.A.: FCC Part-15(2007), Canada: CAN/CSA-CEI/IEC CISPR22-02

Japan: VCCI (2008), Taiwan: CSN 13438(2006)

2.1 Radiated emission (30 MHz to 1,000 MHz) : Measured at 10 m distance

2.1.1 Wireless LAN; 553AN_HMW

< AC 230 V / 50 Hz single phase >

Freq. (MHz)	pol.	Noise level (QP: dB μ V/m)	Class B limit (QP: dB μ V/m)	Margin (dB)
58.24	Horiz	29.2	30.0	0.8
58.24	Vert	23.7	30.0	6.3
99.85	Vert	22.7	30.0	7.3
221.38	Horiz	22.0	30.0	8.0
397.50	Horiz	31.8	37.0	5.2
960.00	Vert	32.7	37.0	4.3

< AC 120 V / 60 Hz single phase >

Freq. (MHz)	pol.	Noise level (QP: dB μ V/m)	Class B limit (QP: dB μ V/m)	Margin (dB)
58.24	Horiz	29.3	30.0	0.7
58.24	Vert	24.9	30.0	5.1
99.85	Vert	22.4	30.0	7.6
221.38	Horiz	22.5	30.0	7.5
397.50	Horiz	32.5	37.0	4.5
960.00	Vert	32.7	37.0	4.3

• Limit value ; CISPR 22(2005) and applied for FCC Part15(2007)

• Measurement uncertainty : ± 3.3 dB (K=2, 95 %)

2.1.2 Wireless LAN; AR5BHB92

< AC 230 V / 50 Hz single phase >

Freq. (MHz)	pol.	Noise level (QP: dB μ V/m)	Class B limit (QP: dB μ V/m)	Margin (dB)
58.24	Horiz	25.4	30.0	4.6
99.84	Vert	24.4	30.0	5.6
183.40	Vert	25.7	30.0	4.3
221.39	Horiz	22.1	30.0	7.9
397.50	Horiz	33.5	37.0	3.5
960.00	Vert	32.7	37.0	4.3

< AC 120 V / 60 Hz single phase >

Freq. (MHz)	pol.	Noise level (QP: dB μ V/m)	Class B limit (QP: dB μ V/m)	Margin (dB)
58.24	Horiz	27.3	30.0	2.7
99.84	Vert	24.4	30.0	5.6
183.40	Vert	25.7	30.0	4.3
397.50	Horiz	32.8	37.0	4.2
687.52	Horiz	28.7	37.0	8.3
960.00	Vert	31.8	37.0	5.2

• Limit value ; CISPR 22(2005) and applied for FCC Part15(2007)

• Measurement uncertainty : ± 3.3 dB (K=2, 95 %)

2.2 Over 1 GHz RF Radiated emission (1 GHz to 7 GHz) : Measured at 3 m distance

Freq. (GHz)	Pol	FCC Part-15			
		Noise level	Class B limit		Margin
		(dB μ V/m)	(dB μ V/m)		(dB to AV)
		Peak	Peak	A V	
1.1197	Horiz	43.6	74.0	54.0	10.4
1.2750	Vert	43.7	74.0	54.0	10.3
1.2755	Horiz	49.3	74.0	54.0	4.7
2.1200	Horiz	40.1	74.0	54.0	13.9
3.0000	Vert	39.6	74.0	54.0	14.4
4.5000	Vert	41.9	74.0	54.0	12.1

• Limit value ; FCC Part15(2007)

2.3 AC power line conducted emission (150 kHz to 30 MHz)**2.3.1 Wireless LAN; 533AN_HMW****2.3.1.1 AC Adapter: SED80N2-16.0**

< AC 230 V / 50 Hz single phase >

Freq. (MHz)	Line #	Noise level		Class B limit		Margin	
		(dB μ V)		(dB μ V)		(dB)	
		Q P	A V	Q P	A V	Q P	A V
0.192	# 1	54.3	41.9	64.0	54.0	9.7	12.1
0.192	# 2	54.8	42.7	64.0	54.0	9.2	11.3
0.277	# 1	51.4	39.1	60.9	50.9	9.5	11.8
0.277	# 2	51.5	39.8	60.9	50.9	9.4	11.1
0.324	# 2	47.0	36.4	59.6	49.6	12.6	13.2
0.527	# 1	44.4	31.6	56.0	46.0	11.6	14.4

< AC 120 V / 60 Hz single phase >

Freq. (MHz)	Line #	Noise level		Class B limit		Margin	
		(dB μ V)		(dB μ V)		(dB)	
		Q P	A V	Q P	A V	Q P	A V
0.192	# 1	52.2	37.2	64.0	54.0	11.8	16.8
0.192	# 2	53.2	38.2	64.0	54.0	10.8	15.8
0.270	# 1	47.2	36.8	61.1	51.1	13.9	14.3
0.332	# 2	45.6	33.1	59.4	49.4	13.8	16.3
0.505	# 1	43.8	29.4	56.0	46.0	12.2	16.6
0.505	# 2	42.3	28.0	56.0	46.0	13.7	18.0

< AC 100 V / 50 Hz single phase >

Freq. (MHz)	Line #	Noise level (dB μ V)	Class B limit (dB μ V)		Margin (dB to AV)
		Q P	Q P	A V	
0.202	# 1	50.0	63.6	53.6	3.6
0.202	# 2	50.2	63.6	53.6	3.4
0.254	# 1	47.3	60.6	51.6	4.3
0.254	# 2	47.2	61.6	51.6	4.4
0.345	# 2	45.4	59.1	49.1	3.7
0.510	# 1	41.5	56.0	46.0	4.5

• Limit value ; CISPR 22(1997)

• Measurement uncertainty : ± 2.4 dB (K=2, 95 %)

2.3.2 Wireless LAN; AR5BHB92

2.3.2.1 AC Adapter: SED80N2-16.0

< AC 230 V / 50 Hz single phase >

Freq. (MHz)	Line #	Noise level (dB μ V)		Class B limit (dB μ V)		Margin (dB)	
		Q P	A V	Q P	A V	Q P	A V
0.194	# 1	55.0	43.1	63.9	53.9	8.9	10.8
0.194	# 2	55.9	44.3	63.9	53.9	8.0	9.6
0.255	# 1	50.6	38.3	61.6	51.6	11.0	13.3
0.255	# 2	51.3	39.5	61.6	51.6	10.3	12.1
0.318	# 2	48.0	36.3	59.8	49.8	11.8	13.5
0.510	# 1	44.7	31.8	56.0	46.0	11.3	14.2

< AC 120 V / 60 Hz single phase >

Freq. (MHz)	Line #	Noise level (dB μ V)		Class B limit (dB μ V)		Margin (dB)	
		Q P	A V	Q P	A V	Q P	A V
0.191	# 1	52.3	36.8	64.0	54.0	11.7	17.2
0.191	# 2	53.1	37.9	64.0	54.0	10.9	16.1
0.345	# 1	45.8	33.0	59.1	49.1	13.3	16.1
0.345	# 2	46.3	34.1	59.1	49.1	12.8	15.0
0.505	# 1	43.4	29.0	56.0	46.0	12.6	17.0
0.505	# 2	42.0	27.4	56.0	46.0	14.0	18.6

< AC 100 V / 50 Hz single phase >

Freq. (MHz)	Line #	Noise level (dB μ V)		Class B limit (dB μ V)		Margin (dB)	
		Q P	A V	Q P	A V	Q P	A V
0.197	# 1	50.5	37.9	63.7	53.7	13.2	15.8
0.197	# 2	50.9	38.9	63.7	53.7	12.8	14.8
0.255	# 1	47.4	36.0	61.6	51.6	14.2	15.6
0.255	# 2	47.1	36.3	61.6	51.6	14.5	15.3
0.323	# 1	45.4	33.8	59.6	49.6	14.2	15.8
0.488	# 2	42.3	27.2	56.2	46.2	13.9	19.0

• Limit value ; CISPR 22(1997)

• Measurement uncertainty : ± 2.4 dB (K=2, 95 %)

2.4 Telecommunication line conducted emission (150 kHz to 30 MHz)

< LAN port >

Freq. (MHz)	Noise level (dB μ V)		Class B limit (dB μ V)		Margin (dB to AV)
	Q P	A V	Q P	A V	
1.396	3.0		30.0	20.0	17.0
1.448	3.6		30.0	20.0	16.4
1.499	3.7		30.0	20.0	16.3
1.550	3.4		30.0	20.0	16.6
2.914	3.8		30.0	20.0	16.2
3.828	4.6		30.0	20.0	15.4

• Limit value ; CISPR 22(2005)

3. EUT modification under the test

① LAN connector ground was changed to short type from the capacitor type in the docking station.

4. Measurement procedure and test equipment

The measurement was performed without deviation from CISPR22(2005).

4.1 Radiated emission

4.1.1 Radiated emission (30MHz~1,000MHz)

The radiated emission measurement was performed in the 10 m RF semi-anechoic chamber. The EUT was set on the 80 cm height non-reflective desk (W: 150 cm×D: 100 cm) placed on the turntable in the 10 m RF semi-anechoic chamber. The maximum noise level in the frequency range from 30 MHz to 1,000 MHz were measured by 10 m method with scanning the antenna height from 1 m to 4 m above the ground plane and rotating the EUT through 360 degrees for both horizontal and vertical polarization.

Preliminary measurement using spectrum analyzer peak detection was performed to arrange the minimum margin spectrum. The settings of the interface cables and the mouse were adjusted to obtain maximum level at the minimum margin spectrum. The final measurement was performed using the RFI receiver (CISPR Quasi-peak, 120 kHz band width) and calibrated broadband antennas or dipole antennas for the main spectrum that was obtained by the preliminary measurement.

Test equipment	Manufacturer	Type	S/N	Cal. Date	Due. Date
Bi Log antenna	Schwarzbeck	VULB9160	3118	2007.12.03	2008.12.03
Dipole antenna	Schwarzbeck	VHA9103	VHA91031573	2007.07.25	2009.07.25
Dipole antenna	Schwarzbeck	UHA9105	UHA91052119	2007.07.25	2009.07.25
Field strength meter	Rohde & Schwarz	ESCS30	849650/001	2008.07.08	2009.07.08
Spectrum analyzer	HP	85422E	3746A00242	2008.05.27	2009.05.27
RF switch	Anritsu	MP59B	M87079	2008.05.07	2009.05.07
RF cable	—	CF013	—	2008.05.07	2009.05.07
2nd semi-anechoic chamber		Riken eletech	—	2008.01.04	2010.01.04
EMI test program	FGE	Version 1.3			

4.1.2 Over 1 GHz radiated emission (1 GHz~7 GHz)

The EUT was set on the 80 cm height non-reflective desk on the turntable. The radiated emission measurement from 1 GHz to 7 GHz: Operating rate 1.4 GHz was performed using the spectrum analyzer (Peak detection, 1MHz band width) and the horn antenna that was positioned at 3 m from the EUT for class B. The measurement was performed with rotating the EUT through 360 degrees and fixing the antenna height to the 1 m for both horizontal and vertical polarization.

The measurement was performed with RF signal "off" mode of the wireless LAN and Bluetooth.

Test equipment	Manufacturer	Type	S/N	Cal. Date	Due. Date
Horn antenna	Schwarzbeck	BBHA9120D	414	2007.02.23	2009.02.23
Spectrum analyzer	Advantest	R3371A	75060396	2008.05.27	2009.05.27
Pre amplifier	HP	8449B	3008A01110	2007.03.24	2009.03.24

4.2 AC power line conducted emission

The conducted emission measurement was performed in the shielded room. The EUT was set on the 80 cm height wooden desk with using the 50 Ω /50 μ H artificial mains network: AMN and operated by AC 100 V/ 50 Hz, AC 120 V/ 60 Hz and AC 230 V/ 50 Hz. Preliminary measurement using spectrum analyzer peak detection was performed in the frequency range from 150 kHz to 30 MHz to arrange the minimum margin spectrum. The setting of the cables was adjusted to obtain maximum level at the minimum margin spectrum. The final measurement was performed using the RFI receiver (CISPR Quasi-peak, 9 kHz band width) and recorded the maximum value in the monitored interval about the main spectrum that was obtained by the preliminary measurement.

Test equipment	Manufacturer	Type	S/N	Cal. Date	Due. Date
AMN for EUT	Kyoritsu	KNW-407C	8-823-18	2008.01.16	2009.01.16
AMN for AE	Kyoritsu	KNW-242C	8-1387-7	2008.01.16	2009.01.16
Field strength meter	Rohde & Schwarz	ESCS30	849650/003	2008.06.03	2009.06.03
Spectrum analyzer	HP	85422E	3746A00240	2008.05.27	2009.05.27
RF switch	Rohde & Schwarz	PSU	848290/005	2008.05.07	2009.05.07
Band pass filter	Advantest	TR14202	03560025	2008.05.07	2009.05.07
Transient limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2008.05.07	2009.05.07
RF cable	----	CF009	----	2008.05.07	2009.05.07
EMI test program	FGE	Version 1.3			

4.3 Telecommunication line conducted emission

The conducted emission measurement was performed in the shielded room. The EUT was set on the 40 cm height wooden desk with using the current probe for LAN port and operated by AC 230 V/ 50 Hz. Preliminary measurement using spectrum analyzer peak detection was performed in the frequency range from 150 kHz to 30 MHz to arrange the minimum margin spectrum. The setting of the cables was adjusted to obtain maximum level at the minimum margin spectrum. The final measurement was performed using the RFI receiver (CISPR Quasi-peak, 9 kHz band width) and recorded the maximum value in the monitored interval about the main spectrum that was obtained by the preliminary measurement.

Test equipment	Manufacturer	Type	S/N	Cal. Date	Due. Date
Current probe	Rohde & Schwarz	EZ-17	100007	2007.03.06	2009.03.06
Field strength meter	Rohde & Schwarz	ESCS30	849650/001	2008.07.08	2009.07.08
Spectrum analyzer	HP	85422E	3746A00240	2008.05.27	2009.05.27
RF switch	Rohde & Schwarz	PSU	848290/005	2008.05.07	2009.05.07
Band pass filter	Advantest	TR14202	03560025	2008.05.07	2009.05.07
Pulse limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2008.05.07	2009.05.07
RF cable	----	CF009	----	2008.05.07	2009.05.07
EMI test program	FGE	Version 1.3			

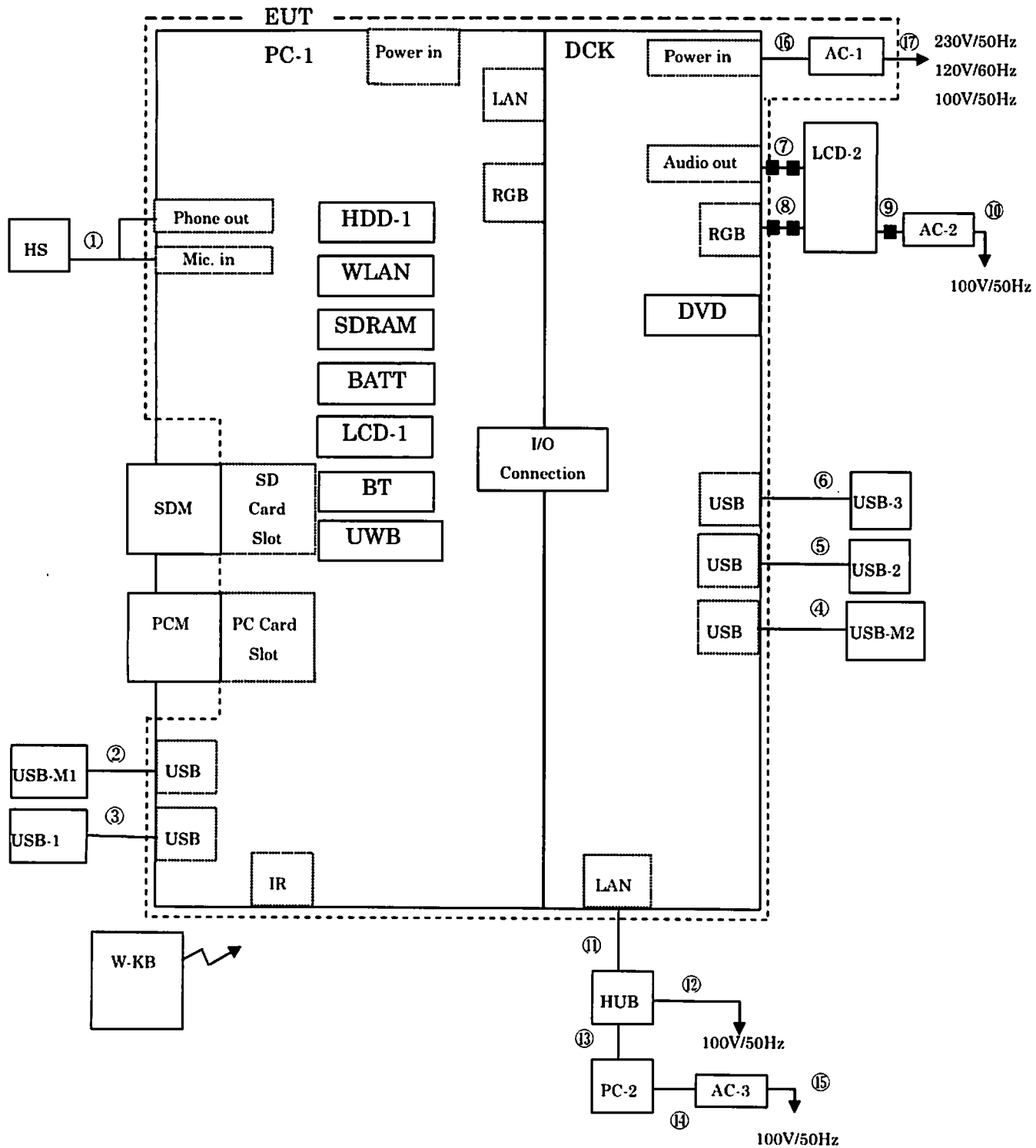
5. Test site and traceability

The FUJITSU GENERAL EMC LABORATORY performs the test for VCCI / EN / CISPR regulation and Fujitsu / Fujitsu General internal regulations. The test procedures and test facilities are comply with international standard. The laboratory is filed on VCCI (Japan), accredited from NVLAP (U.S.A.), authorized from TÜV SÜD PS (Germany) and appointed from TÜV Rheinland (Germany).

VCCI : 1st semi-anechoic chamber(R-753/C-776), 1st shielded room(C-777)
 Large shielded room(C-778)
 2nd semi-anechoic chamber(R-1460/C-1547), 2nd shielded room(C-1548)
 3rd shielded room(C-1549)
NVLAP : 1998.12.01 Accredited: Lab code 200373-0
TÜV SÜD PS : 1999.01.29 Authorized
TÜV Rheinland Japan : 2005.08.25 Appointed

The measuring equipments were used in the laboratory and test data are traceable to the national or international standard. Each equipment is maintain by periodical calibration and by daily check as a total measurement system to keep those accuracy.

Figure-1 System configuration and cables



Main EUT

Code	Name	Type	S/N	Product
PC-1	Personal computer	ST6010	Pre-production sample	Fujitsu

Related EUT

DCK	Docking Station	FPCPR91	----	Fujitsu
AC-1	AC adapter	SED80N2-16.0	----	Fujitsu

Included device; PC-1

Code	Name	Type	S/N	Product
HDD-1	60GB HDD	MHV2060BH	----	Fujitsu
WLAN	Wireless LAN	533AN_HMW	----	Intel
		512AN_HMW	----	Intel
		AR5BHB92	----	Atheros
SDRAM	2 GB x 1	PC3-8500S-07-00-F0	----	SAMSUNG
BATT	Battery	FPCBP207 10.8V 5800mA/h	----	Fujitsu
LCD-1	12.1 inch WXGA	HV121WX6-100	----	Hydis
BT	Bluetooth	EYSMJCS	----	TAIYO YUDEN
UWB	UWB module	RTU7305 BG1 HMC V1-4	----	Realtek

Included device; DCK

Code	Name	Type	S/N	Product
DVD	DVD-Multi drive	UJ-870A	----	Panasonic

Assisted equipment

Code	Name	Type	S/N	Product
LCD-2	LCD display	WBZH-H	YE1C019807	FSC
	LCD display	P19-1	YEGA217490	FSC
HS	Head set	GN501FSC	----	FSC
PC-2	Personal computer	FMV	----	Fujitsu
HUB	Switching Hub	ETG-SH-8	VD7000010513N	I·O DATA
AC-2	AC adapter	0128B1260	A30730006582	LI SHIN
AC-3	AC adapter	FMV-AC322	03X75240B	Fujitsu
USB-M1	USB Memory	256MB	----	I·O DATA
USB-M2	USB Memory	256MB	----	I·O DATA
USB-1	USB Mouse	M-BT69e	HCA52701556	FSC
USB-2	USB Mouse	M-BT69e	HCA52701562	FSC
USB-3	USB Mouse	M-BT69e	HCA52701578	FSC
PCM	PC memory card	20 MB	----	SunDisk
SDM	SD memory card	128MB	----	Panasonic
W-KB	Wireless Keyboard	FMV-TBKB01	----	Fujitsu

Cables SLD: Shielded NSLD: Non-shielded CAX: Coaxial

Connector MC: Metal NMC: Non-metal PMC: Point contact metal

No.	I/O Port	Name	Type	Length	Cable type
①	Phone-out / Mic-in	Headset cable	----	2.2m	NSLD, MC
②	USB-M1	USB cable	----	1.0m	SLD, NMC
③	USB-1	USB mouse cable	----	1.9m	SLD, MC
④	USB-M2	USB cable	----	1.0m	SLD, NMC
⑤	USB-2	USB mouse cable	----	1.9m	SLD, MC
⑥	USB-3	USB mouse cable	----	1.9m	SLD, MC
⑦	Audio out	Audio cable	----	1.8m	NSLD,NMC with fixed core
⑧	RGB	RGB cable	----	1.8m	SLD, MC fixed core
⑨	----	AC adaptor cable	----	1.8m	NSLD, NMC with fixed core
⑩	----	AC power cable	----	2.0m	3P-NSLD
⑪	LAN	LAN cable	----	20.0m	SLD, MC
⑫	----	AC power cable	----	1.5m	2P-NSLD
⑬	----	LAN cable	----	1.0m	SLD, MC
⑭	----	AC adaptor cable	----	1.8m	NSLD, NMC
⑮	----	AC power cable	----	1.5m	2P-NSLD
⑯	----	AC adaptor cable	----	1.8m	NSLD, NMC
⑰	----	AC power cable	----	2.0m	2P-NSLD

Appendix data (#08-101E: Total 39 pages)

1. Photograph #08-101E (5 pages)

• Radiated emission measurement	30-1000 MHz	(Front)	: Photo-1.1
		(Back)	: Photo-1.2
	1-7 GHz	(Front)	: Photo-1.3
• Conducted emission measurement			: Photo-2.1
• Telecom line emission measurement LAN port			: Photo-2.2
• Label	ST6010		: Photo-3.1
	AC Adapter SED80N2-16.0		: Photo-3.2
• Internal view	ST6010		: Photo-4.1

2. Test data (34 pages)

• Radiated emission

<Wireless LAN; 553AN_HMW>

30-1000 MHz

AC 230 V / 50 Hz : #08-101E-RE1 (2 pages)

AC 120 V / 60 Hz : #08-101E-RE2 (2 pages)

1-14 GHz

: #08-101E-GH (2 pages)

<Wireless LAN; AR5BHB92>

30-1000 MHz

AC 230 V / 50 Hz : #08-101E-RE3 (2 pages)

AC 120 V / 60 Hz : #08-101E-RE4 (2 pages)

• Conducted emission

<Wireless LAN; 553AN_HMW>

SED80N2-16.0

AC 230 V / 50 Hz

QP Mode

: #08-101E-CE1 (2 pages)

AV Mode

: #08-101E-CE2 (2 pages)

AC 120 V / 60 Hz

QP Mode

: #08-101E-CE3 (2 pages)

AV Mode

: #08-101E-CE4 (2 pages)

AC 100 V / 50 Hz

: #08-101E-CE5 (2 pages)

<Wireless LAN; AR5BHB92>

SED80N2-16.0

AC 230 V / 50 Hz

QP Mode

: #08-101E-CE6 (2 pages)

AV Mode

: #08-101E-CE7 (2 pages)

AC 120 V / 60 Hz

QP Mode

: #08-101E-CE8 (2 pages)

AV Mode

: #08-101E-CE9 (2 pages)

AC 100 V / 50 Hz

QP Mode

: #08-101E-CE10 (2 pages)

AV Mode

: #08-101E-CE11 (2 pages)

• Telecom line emission LAN port

: #08-101E-TE (2 pages)