

APPENDIX 2: Data of EMI test

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

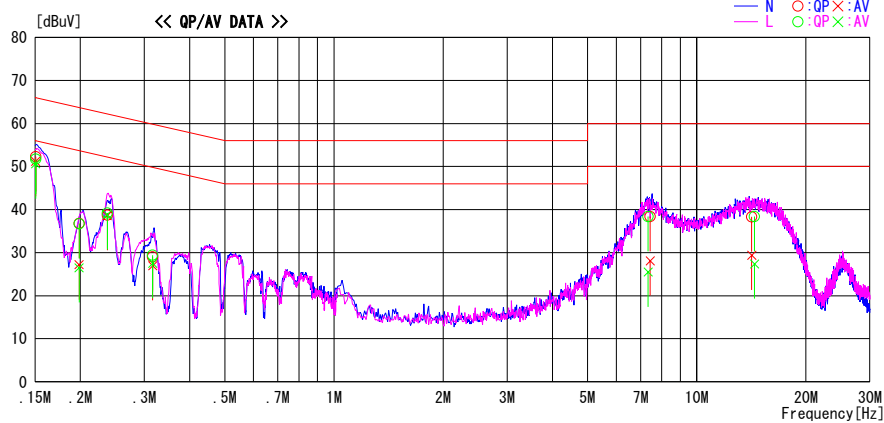
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/12/01

Report No. : 30CE0183-HO-01

Temp./Humi. : 21deg. C. / 38%
Engineer : Hironobu Ohnishi

Mode / Remarks : 802.11b, Tx 2412MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor [dB]	Results		Limit		Margin		Phase
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]	
0.15056	52.0	50.9	0.3	52.3	51.2	66.0	56.0	13.7	4.8	N
0.19834	36.5	26.9	0.3	36.8	27.2	63.7	53.7	26.9	26.5	N
0.23726	38.4	38.3	0.3	38.7	38.6	62.2	52.2	23.5	13.6	N
0.31639	28.7	26.7	0.3	29.0	27.0	59.8	49.8	30.8	22.8	N
7.43749	37.6	27.3	0.8	38.4	28.1	60.0	50.0	21.6	21.9	N
14.17542	37.0	28.1	1.3	38.3	29.4	60.0	50.0	21.7	20.6	N
0.15052	51.4	50.3	0.3	51.7	50.6	66.0	56.0	14.3	5.4	L
0.19844	36.4	26.2	0.3	36.7	26.5	63.7	53.7	27.0	27.2	L
0.23728	38.9	38.5	0.3	39.2	38.8	62.2	52.2	23.0	13.4	L
0.31637	29.1	27.2	0.3	29.4	27.5	59.8	49.8	30.4	22.3	L
7.34361	37.6	24.7	0.8	38.4	25.5	60.0	50.0	21.6	24.5	L
14.42510	37.1	26.1	1.3	38.4	27.4	60.0	50.0	21.6	22.6	L

CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV] = READING [dBuV] + C. F [dB] (LISN LOSS + CABLE LOSS)
Except for the above table : adequate margin data below the limits.

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

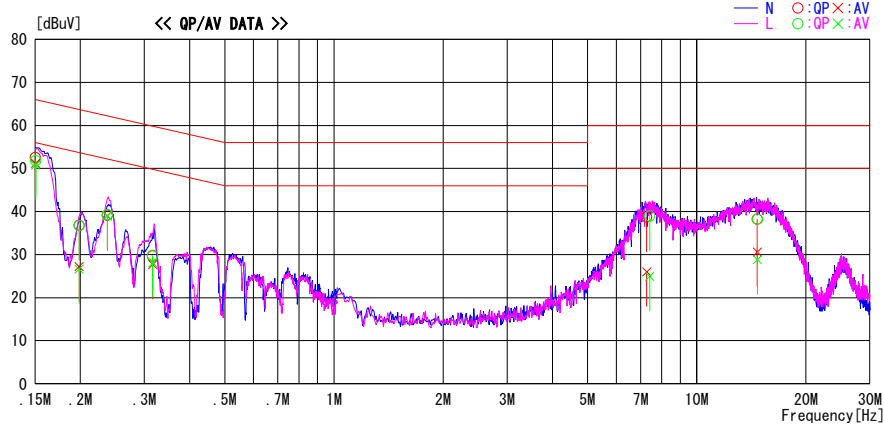
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/12/01

Report No. : 30CE0183-HO-01

Temp./Humi. : 21deg. C. / 38%
Engineer : Hironobu Ohnishi

Mode / Remarks : 802.11b, Tx 2462MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor [dB]	Results		Limit		Margin		Phase
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]	
0.15042	52.2	50.9	0.3	52.5	51.2	66.0	56.0	13.5	-4.8	N
0.19837	36.5	26.9	0.3	36.8	27.2	63.7	53.7	26.9	26.5	N
0.23726	38.8	38.7	0.3	39.1	39.0	62.2	52.2	23.1	13.2	N
0.31633	29.4	27.4	0.3	29.7	27.7	59.8	49.8	30.1	22.1	N
7.27789	37.9	25.2	0.8	38.7	26.0	60.0	50.0	21.3	24.0	N
14.68353	36.9	29.3	1.3	38.2	30.6	60.0	50.0	21.8	19.4	N
0.15054	51.5	50.5	0.3	51.8	50.8	66.0	56.0	14.2	5.2	L
0.19836	36.4	26.3	0.3	36.7	26.6	63.7	53.7	27.0	27.1	L
0.23727	39.0	38.7	0.3	39.3	39.0	62.2	52.2	22.9	13.2	L
0.31635	29.5	27.8	0.3	29.8	28.1	59.8	49.8	30.0	21.7	L
7.41242	38.2	24.1	0.8	39.0	24.9	60.0	50.0	21.0	25.1	L
14.69440	36.9	27.5	1.3	38.2	28.8	60.0	50.0	21.8	21.2	L

CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (L ISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

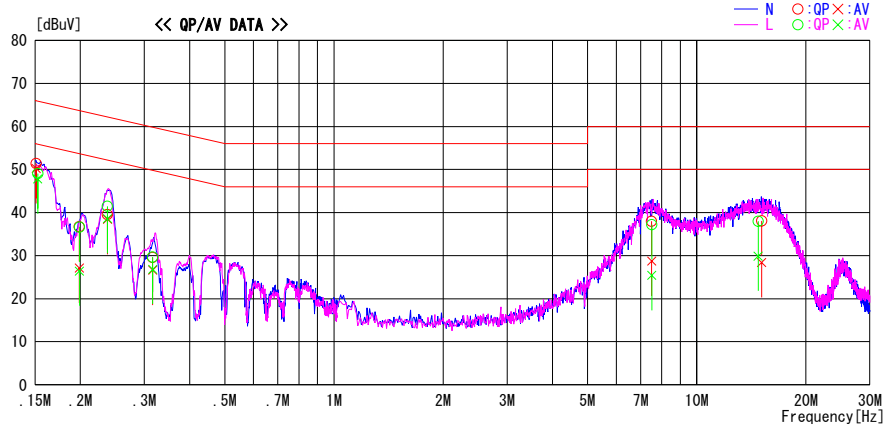
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/12/01

Report No. : 30CE0183-HO-01

Temp./Humi. : 21deg. C. / 38%
Engineer : Hironobu Ohnishi

Mode / Remarks : 802.11b, Rx 2437MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor [dB]	Results		Limit		Margin		Phase
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]	
0.15109	51.1	49.9	0.3	51.4	50.2	65.9	55.9	14.5	5.7	N
0.19866	36.4	26.8	0.3	36.7	27.1	63.7	53.7	27.0	26.6	N
0.23731	39.2	38.1	0.3	39.5	38.4	62.2	52.2	22.7	13.8	N
0.31646	29.3	26.3	0.3	29.6	26.6	59.8	49.8	30.2	23.2	N
7.50491	37.2	27.9	0.8	38.0	28.7	60.0	50.0	22.0	21.3	N
15.09520	36.8	27.1	1.3	38.1	28.4	60.0	50.0	21.9	21.6	N
0.15252	48.8	47.5	0.3	49.1	47.8	65.9	55.9	16.8	8.1	L
0.19884	36.3	26.1	0.3	36.6	26.4	63.7	53.7	27.1	27.3	L
0.23736	41.2	38.3	0.3	41.5	38.6	62.2	52.2	20.7	13.6	L
0.31644	29.4	26.5	0.3	29.7	26.8	59.8	49.8	30.1	23.0	L
7.51202	36.4	24.6	0.8	37.2	25.4	60.0	50.0	22.8	24.6	L
14.75760	36.7	28.6	1.3	38.0	29.9	60.0	50.0	22.0	20.1	L

CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV] = READING [dBuV] + C. F [dB] (LISN LOSS + CABLE LOSS)
Except for the above table : adequate margin data below the limits.

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Maximum Peak Output Power

Test place Head Office EMC Lab. No.4 Shielded Room
Report No. 30CE1083-HO-01
Date 11/20/2009
Temperature/ Humidity 24 deg.C./ 39%
Engineer Tomohisa Nakagawa
Mode 11n Tx MCS 0 20HT

Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
				[dBm]	[mW]	[dBm]	[mW]	
2412	0.70	1.00	19.98	21.68	147.23	30.00	1000	8.32
2437	0.98	1.00	19.98	21.96	157.04	30.00	1000	8.04
2462	0.90	1.00	19.98	21.88	154.17	30.00	1000	8.12

Sample Calculation:

Result = Reading + Cable Loss (only the cable(s) customer supplied) + Attenuator

Radiated Spurious Emission

Test place : Head Office EMC Lab. No.3 Semi Anechoic Chamber
Report No. : 30CE0183-HO-01
Date : 11/30/2009
Temperature/ Humidity : 24 deg.C./ 37%
Engineer : Tomohisa Nakagawa
Mode : 11n MCS 0, 40HT, Tx 2422MHz

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori	39.054	QP	39.9	14.3	7.3	32.2	29.3	40.0	10.7	
Hori	60.003	QP	41.9	7.5	7.6	32.2	24.8	40.0	15.2	
Hori	159.747	QP	36.3	15.1	8.8	32.1	28.1	43.5	15.4	
Hori	330.101	QP	39.3	15.5	10.2	32.0	33.0	46.0	13.0	
Hori	715.881	QP	36.8	20.4	12.4	31.9	37.7	46.0	8.3	
Hori	959.999	QP	31.9	23.1	13.6	30.7	37.9	46.0	8.1	
Hori	960.054	QP	33.4	23.1	13.6	30.7	39.4	53.9	14.5	
Hori	2390.000	PK	58.7	27.2	2.7	32.3	56.3	73.9	17.6	
Hori	2400.000	PK	63.0	27.2	2.7	32.3	60.6	73.9	13.3	
Hori	2422.000	PK	86.4	27.2	2.7	32.3	84.0	-	-	100k/300k
Hori	3230.383	PK	46.9	28.5	3.1	31.9	46.6	73.9	27.3	
Hori	4844.000	PK	39.0	31.7	4.7	31.4	44.0	73.9	29.9	
Hori	7266.000	PK	42.2	36.0	5.6	31.9	51.9	73.9	22.0	
Hori	9688.000	PK	41.3	38.5	6.6	32.7	53.7	73.9	20.2	
Hori	24220.000	PK	47.3	38.2	-1.5	30.4	53.6	73.9	20.3	
Hori	2390.000	AV	43.8	27.2	2.7	32.3	41.4	53.9	12.5	
Hori	2400.000	AV	50.9	27.2	2.7	32.3	48.5	53.9	5.4	
Hori	3230.383	AV	41.2	28.5	3.1	31.9	40.9	53.9	13.0	
Hori	4844.000	AV	30.4	31.7	4.7	31.4	35.4	53.9	18.5	
Hori	7266.000	AV	30.1	36.0	5.6	31.9	39.8	53.9	14.1	
Hori	9688.000	AV	30.4	38.5	6.6	32.7	42.8	53.9	11.1	
Hori	24220.000	AV	35.3	38.2	-1.5	30.4	41.6	53.9	12.3	
Vert	39.449	QP	44.0	14.1	7.3	32.2	33.2	40.0	6.8	
Vert	60.005	QP	41.7	7.5	7.6	32.2	24.6	40.0	15.4	
Vert	162.122	QP	41.1	15.2	8.8	32.1	33.0	43.5	10.5	
Vert	332.828	QP	36.4	15.6	10.2	32.0	30.2	46.0	15.8	
Vert	715.807	QP	36.6	20.4	12.4	31.9	37.5	46.0	8.5	
Vert	959.999	QP	38.9	23.1	13.6	30.7	44.9	46.0	1.1	
Vert	960.063	QP	39.2	23.1	13.6	30.7	45.2	53.9	8.7	
Vert	2390.000	PK	64.8	27.2	2.7	32.3	62.4	73.9	11.5	
Vert	2400.000	PK	69.9	27.2	2.7	32.3	67.5	-	-	See 20dBc Data Sheet
Vert	2422.000	PK	94.3	27.2	2.7	32.3	91.9	-	-	100k/300k
Vert	3230.332	PK	51.6	28.5	3.1	31.9	51.3	73.9	22.6	
Vert	4844.000	PK	39.8	31.7	4.7	31.4	44.8	73.9	29.1	
Vert	7266.000	PK	41.5	36.0	5.6	31.9	51.2	73.9	22.7	
Vert	9688.000	PK	40.3	38.5	6.6	32.7	52.7	73.9	21.2	
Vert	24220.000	PK	47.4	38.2	-1.5	30.4	53.7	73.9	20.2	
Vert	2390.000	AV	51.9	27.2	2.7	32.3	49.5	53.9	4.5	
Vert	2400.000	AV	60.6	27.2	2.7	32.3	58.2	-	-	See 20dBc Data Sheet
Vert	3230.332	AV	49.2	28.5	3.1	31.9	48.9	53.9	5.0	
Vert	4844.000	AV	38.6	31.7	4.7	31.4	43.6	53.9	10.3	
Vert	7266.000	AV	30.2	36.0	5.6	31.9	39.9	53.9	14.0	
Vert	9688.000	AV	30.3	38.5	6.6	32.7	42.7	53.9	11.2	
Vert	24220.000	AV	35.2	38.2	-1.5	30.4	41.5	53.9	12.4	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter-Distance factor(above 10GHz)) - Gain(Amplifier)

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20dB).

*The 10th harmonic was not seen so the result was its base noise level.
Distance factor: 10GHz-26.5GHz 20log(3.0m/1.0m)= 9.5dB
26.5GHz-40GHz 20log(3.0m/0.5m)=15.6dB

Radiated Spurious Emission

Test place : Head Office EMC Lab. No.3 Semi Anechoic Chamber
Report No. : 30CE0183-HO-01
Date : 11/30/2009
Temperature/ Humidity : 24 deg.C./ 37%
Engineer : Tomohisa Nakagawa
Mode : 11n MCS 0, 40HT, Tx 2422MHz

20dBc Data Sheet

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant Factor [dB/m]	Loss [dB]	Gain [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Vert	2422.000	PK	94.3	27.2	2.7	32.3	91.9	-	-	Carrier
Vert	2400.000	PK	59.1	27.2	2.7	32.3	56.7	71.9	15.2	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter-Distance factor(above 10GHz)) - Gain(Amplifier)

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20dB).
Distance factor: 10GHz-26.5GHz $20\log(3.0m/1.0m)= 9.5dB$
26.5GHz-40GHz $20\log(3.0m/0.5m)=15.6dB$

Radiated Spurious Emission

Test place Head Office EMC Lab. No.3 Semi Anechoic Chamber
Report No. 30CE0183-HO-01
Date 11/30/2009
Temperature/ Humidity 24 deg.C./ 37%
Engineer Tomohisa Nakagawa
Mode 11n MCS 0, 40HT, Tx 2452MHz

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori	39.341	QP	38.9	14.2	7.3	32.2	28.2	40.0	11.8	
Hori	60.003	QP	40.3	7.5	7.6	32.2	23.2	40.0	16.8	
Hori	159.746	QP	35.8	15.1	8.8	32.1	27.6	43.5	15.9	
Hori	330.748	QP	40.5	15.5	10.2	32.0	34.2	46.0	11.8	
Hori	715.882	QP	36.7	20.4	12.4	31.9	37.6	46.0	8.4	
Hori	959.999	QP	33.5	23.1	13.6	30.7	39.5	46.0	6.5	
Hori	960.052	QP	33.6	23.1	13.6	30.7	39.6	53.9	14.3	
Hori	2356.000	PK	53.8	27.2	2.7	32.3	51.4	73.9	22.5	
Hori	2452.000	PK	83.0	27.2	2.8	32.3	80.7	-	-	100k/300k
Hori	2483.500	PK	48.9	27.3	2.8	32.2	46.8	73.9	27.1	
Hori	2483.500	PK	34.2	27.3	2.8	32.2	32.1	73.9	41.8	
Hori	3267.000	PK	45.4	28.6	3.1	31.9	45.2	73.9	28.7	
Hori	4904.000	PK	39.9	31.8	4.6	31.4	44.9	73.9	29.0	
Hori	7356.000	PK	41.1	36.1	5.6	32.0	50.8	73.9	23.1	
Hori	9808.000	PK	41.9	38.7	6.7	32.7	54.6	73.9	19.3	
Hori	24520.000	PK	47.7	38.7	-1.4	30.2	54.8	73.9	19.1	
Hori	2356.000	AV	42.1	27.2	2.7	32.3	39.7	53.9	14.2	
Hori	3267.000	AV	40.6	28.6	3.1	31.9	40.4	53.9	13.5	
Hori	4904.000	AV	28.6	31.8	4.6	31.4	33.6	53.9	20.3	
Hori	7356.000	AV	29.9	36.1	5.6	32.0	39.6	53.9	14.3	
Hori	9808.000	AV	30.4	38.7	6.7	32.7	43.1	53.9	10.8	
Hori	24520.000	AV	35.2	38.7	-1.4	30.2	42.3	53.9	11.6	
Vert	39.173	QP	44.7	14.3	7.3	32.2	34.1	40.0	5.9	
Vert	60.003	QP	42.2	7.5	7.6	32.2	25.1	40.0	14.9	
Vert	161.797	QP	39.1	15.2	8.8	32.1	31.0	43.5	12.5	
Vert	332.828	QP	0.0	15.6	10.2	32.0	-6.2	46.0	52.2	
Vert	715.807	QP	0.0	20.4	12.4	31.9	0.9	46.0	45.1	
Vert	959.999	QP	37.5	23.1	13.6	30.7	43.5	46.0	2.5	
Vert	960.056	QP	39.1	23.1	13.6	30.7	45.1	-	-	
Vert	2356.000	PK	59.3	27.2	2.7	32.3	56.9	73.9	17.0	
Vert	2452.000	PK	89.2	27.2	2.8	32.3	86.9	-	-	100k/300k
Vert	2483.500	PK	51.7	27.3	2.8	32.2	49.6	73.9	24.4	
Vert	3267.000	PK	52.5	28.6	3.1	31.9	52.3	73.9	21.6	
Vert	4904.000	PK	40.2	31.8	4.6	31.4	45.2	73.9	28.7	
Vert	7356.000	PK	42.2	36.1	5.6	32.0	51.9	73.9	22.0	
Vert	9808.000	PK	41.2	38.7	6.7	32.7	53.9	73.9	20.0	
Vert	24520.000	PK	47.6	38.7	-1.4	30.2	54.7	73.9	19.2	
Vert	2356.000	AV	49.1	27.2	2.7	32.3	46.7	53.9	7.2	
Vert	2483.500	AV	38.1	27.3	2.8	32.2	36.0	53.9	17.9	
Vert	3267.000	AV	47.2	28.6	3.1	31.9	47.0	53.9	6.9	
Vert	4904.000	AV	28.7	31.8	4.6	31.4	33.7	53.9	20.2	
Vert	7356.000	AV	29.8	36.1	5.6	32.0	39.5	53.9	14.4	
Vert	9808.000	AV	30.4	38.7	6.7	32.7	43.1	53.9	10.8	
Vert	24520.000	AV	35.2	38.7	-1.4	30.2	42.3	53.9	11.6	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter-Distance factor(above 10GHz)) - Gain(Amplifier)

*Other frequency noises omitted in this report were not seen or had enough margin (more than 20dB).

*The 10th harmonic was not seen so the result was its base noise level.

Distance factor: 10GHz-26.5GHz 20log(3.0m/1.0m)= 9.5dB
 26.5GHz-40GHz 20log(3.0m/0.5m)=15.6dB

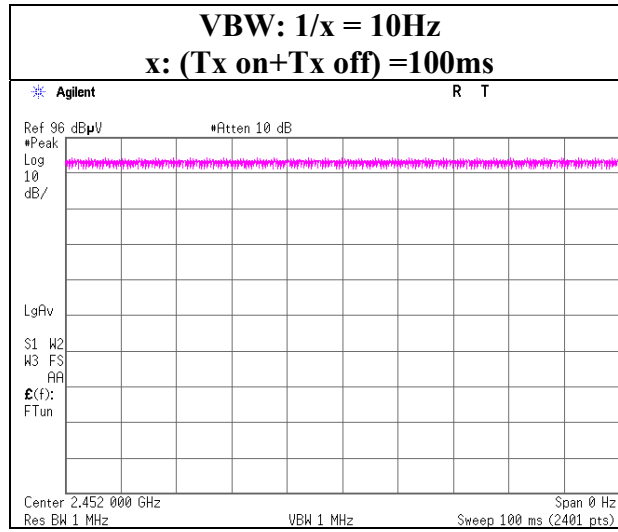
Radiated Spurious Emission

Test place	Head Office EMC Lab. No.3 Semi Anechoic Chamber
Report No.	30CE0183-HO-01
Date	12/01/2009
Temperature/ Humidity	21 deg.C./ 38%
Engineer	Hironobu Ohnishi
Mode	11b Rx 2437MHz

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori	39.160	QP	41.0	14.3	7.3	32.2	30.4	40.0	9.6	
Hori	60.003	QP	41.8	7.5	7.6	32.2	24.7	40.0	15.3	
Hori	156.680	QP	32.4	14.9	8.7	32.1	23.9	43.5	19.6	
Hori	330.748	QP	39.7	15.5	10.2	32.0	33.4	46.0	12.6	
Hori	720.016	QP	34.5	20.4	12.4	31.9	35.4	46.0	10.6	
Hori	960.053	QP	36.0	23.1	13.6	30.7	42.0	53.9	11.9	
Hori	3250.368	PK	45.8	28.6	3.1	31.9	45.6	73.9	28.3	
Hori	3250.368	AV	41.8	28.6	3.1	31.9	41.6	53.9	12.3	
Vert	39.180	QP	44.0	14.3	7.3	32.2	33.4	40.0	6.6	
Vert	60.003	QP	45.9	7.5	7.6	32.2	28.8	40.0	11.2	
Vert	156.680	QP	36.9	14.9	8.7	32.1	28.4	43.5	15.1	
Vert	330.748	QP	34.0	15.5	10.2	32.0	27.7	46.0	18.3	
Vert	720.016	QP	31.4	20.4	12.4	31.9	32.3	46.0	13.7	
Vert	960.053	QP	35.3	23.1	13.6	30.7	41.3	53.9	12.6	
Vert	3250.368	PK	50.5	28.6	3.1	31.9	50.3	73.9	23.6	
Vert	3250.368	AV	48.4	28.6	3.1	31.9	48.2	53.9	5.7	

Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter-Distance factor(above 10GHz)) - Gain(Amplifier)
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20dB).

VBW (AV) Calculation



APPENDIX 3: Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
MOS-15	Thermo-Hygrometer	Custom	CTH-180	-	AT	2009/02/06 * 12
MPSE-11	Power sensor	Anritsu	MA2411B	011737	AT	2009/09/09 * 12
MPM-08	Power Meter	Anritsu	ML2495A	6K00003338	AT	2009/09/09 * 12
MAT-21	Attenuator(20dB) (above1GHz)	HIROSE ELECTRIC CO.,LTD.	AT-120	901247	AT	2009/01/16 * 12
MAEC-03	Semi Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	RE / CE	2009/02/02 * 12
MOS-13	Thermo-Hygrometer	Custom	CTH-180	-	RE / CE	2009/02/06 * 12
MJM-06	Measure	PROMART	SEN1955	-	RE / CE	-
COTS-MEMI	EMI measurement program	TSJ	TEPTO-DV	-	RE / CE	-
MSA-10	Spectrum Analyzer	Agilent	E4448A	MY46180655	RE	2009/02/25 * 12
MTR-08	Test Receiver	Rohde & Schwarz	ESCI	100767	RE / CE	2009/06/30 * 12
MBA-03	Biconical Antenna	Schwarzbeck	BBA9106	1915	RE	2009/01/19 * 12
MLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	174	RE	2009/01/10 * 12
MCC-51	Coaxial cable	UL Japan	-	-	RE	2009/07/02 * 12
MAT-09	Attenuator(6dB)	Weinschel Corp	2	BK7973	RE	2009/11/12 * 12
MPA-13	Pre Amplifier	SONOMA INSTRUMENT	310	260834	RE	2009/03/18 * 12
MHA-20	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	258	RE	2009/04/30 * 12
MCC-56	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	174410(1m) / 284655(5m)	RE	2009/01/07 * 12
MPA-11	MicroWave System Amplifier	Agilent	83017A	MY39500779	RE	2009/03/19 * 12
MHA-16	Horn Antenna 15-40GHz	Schwarzbeck	BBHA9170	BBHA9170306	RE	2009/04/30 * 12
MCC-78	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	278993/4	RE	2008/12/17 * 12
MHF-19	High Pass Filter 3.5-18.0GHz	TOKIMEC	TF323DCA	602	RE	2008/12/16 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	8127363	CE(EUT)	2009/02/18 * 12
MLS-07	LISN(AMN)	Schwarzbeck	NSLK8127	8127364	CE(AE)	2009/02/18 * 12
MTA-07	Terminator	MCL	BTRM-50	1 9944	CE	2009/02/17 * 12
MCC-112	Coaxial cable	Fujikura/Suhner/TSJ	5D- 2W(10m)/SFM141(3m)/suciform141- PE(1m)/421- 010(1.5m)/RFM- E321(Switcher)	-/00640	CE	2009/07/02 * 12

The expiration date of the calibration is the end of the expired month.

All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

Test Item: CE: Conducted Emission
RE: Radiated Emission
AT: Antenna Terminal Conducted test