APPENDIX 2: Data of EMI test

Conducted Emission

(Video play mode)

DATA OF CONDUCTED EMISSION TEST

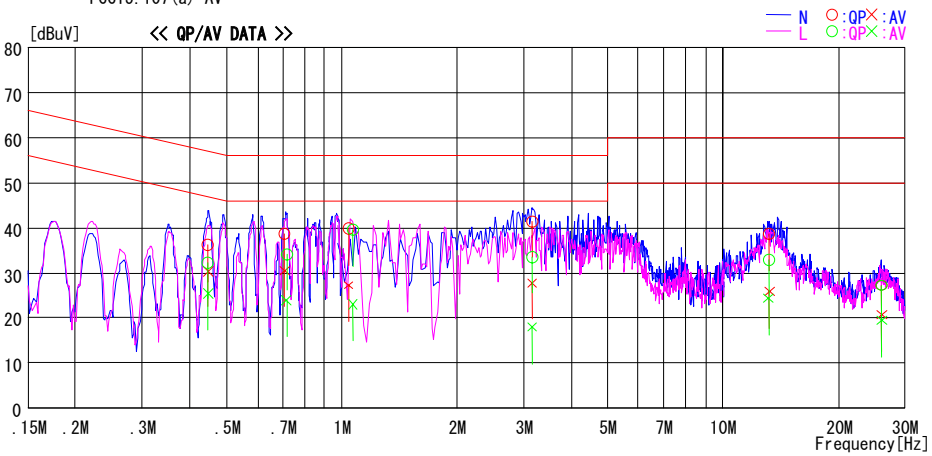
UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/12/07

Company : SHARP CORPORATION
Kind of EUT : W-CDMA / GSM Mobile Phone
Model No. : PV300
Serial No. : P3-156

Report No. : 29CE0264-HO-01
Power : DC 5V (AC Adapter: AC120V/60Hz)
Temp./Humi. : 21deg.C / 30%
Engineer : Kenichi Adachi

Mode / Remarks: Video Play mode, LCD close

LIMIT : FCC15.107(a) QP
FCC15.107(a) AV



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase
	QP	AV	Factor	QP	AV	QP	AV	QP	AV	
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	
0.44594	35.9	30.1	0.4	36.3	30.5	57.0	47.0	20.7	16.5	N
0.70675	38.5	30.2	0.4	38.9	30.6	56.0	46.0	17.1	15.4	N
1.04452	39.4	26.8	0.5	39.9	27.3	56.0	46.0	16.1	18.7	N
3.14800	40.8	27.1	0.8	41.6	27.9	56.0	46.0	14.4	18.1	N
13.22471	35.9	22.9	2.9	38.8	25.8	60.0	50.0	21.2	24.2	N
26.14000	21.7	14.9	5.7	27.4	20.6	60.0	50.0	32.6	29.4	N
0.44594	31.9	25.0	0.4	32.3	25.4	57.0	47.0	24.7	21.6	L
0.71361	33.8	23.3	0.4	34.2	23.7	56.0	46.0	21.8	22.3	L
1.07220	39.2	22.3	0.5	39.7	22.8	56.0	46.0	16.3	23.2	L
3.14800	32.8	17.1	0.8	33.6	17.9	56.0	46.0	22.4	28.1	L
13.12520	30.0	21.3	2.9	32.9	24.2	60.0	50.0	27.1	25.8	L
26.14000	21.6	13.7	5.7	27.3	19.4	60.0	50.0	32.7	30.6	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
(PC Link mode)

DATA OF CONDUCTED EMISSION TEST

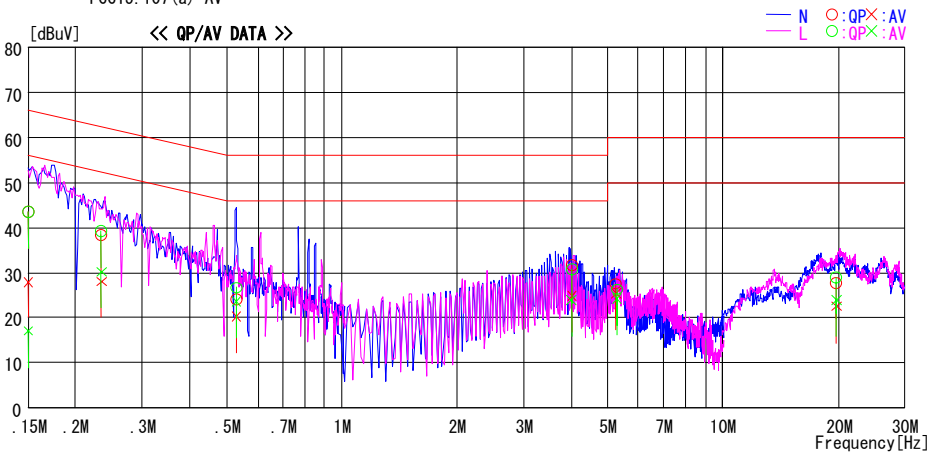
UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/12/07

Company : SHARP CORPORATION
Kind of EUT : W-CDMA / GSM Mobile Phone
Model No. : PV300
Serial No. : P3-156

Report No. : 29CE0264-HO-01
Power : DC 5V (PC input: AC120V/60Hz)
Temp./Humi. : 21deg.C / 30%
Engineer : Kenichi Adachi

Mode / Remarks: PC Link mode, LCD close

LIMIT : FCC15.107(a) QP
FCC15.107(a) AV



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase
	QP	AV	Factor	QP	AV	QP	AV	QP	AV	
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	
0.15000	43.4	27.8	0.2	43.6	28.0	66.0	56.0	22.4	28.0	N
0.23442	38.1	27.9	0.3	38.4	28.2	62.3	52.3	23.9	24.1	N
0.52800	23.5	19.9	0.3	23.8	20.2	56.0	46.0	32.2	25.8	N
3.99393	31.1	24.0	0.6	31.7	24.6	56.0	46.0	24.3	21.4	N
5.26289	27.0	24.6	0.7	27.7	25.3	60.0	50.0	32.3	24.7	N
19.78573	26.4	20.9	1.5	27.9	22.4	60.0	50.0	32.1	27.6	N
0.15000	43.3	16.7	0.2	43.5	16.9	66.0	56.0	22.5	39.1	L
0.23442	39.0	30.0	0.3	39.3	30.3	62.3	52.3	23.0	22.0	L
0.52800	26.4	23.2	0.3	26.7	23.5	56.0	46.0	29.3	22.5	L
3.99012	30.4	23.2	0.6	31.0	23.8	56.0	46.0	25.0	22.2	L
5.28260	25.6	23.4	0.7	26.3	24.1	60.0	50.0	33.7	25.9	L
19.77600	27.5	22.2	1.5	29.0	23.7	60.0	50.0	31.0	26.3	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
(GPS Receiving mode)

-

DATA OF CONDUCTED EMISSION TEST

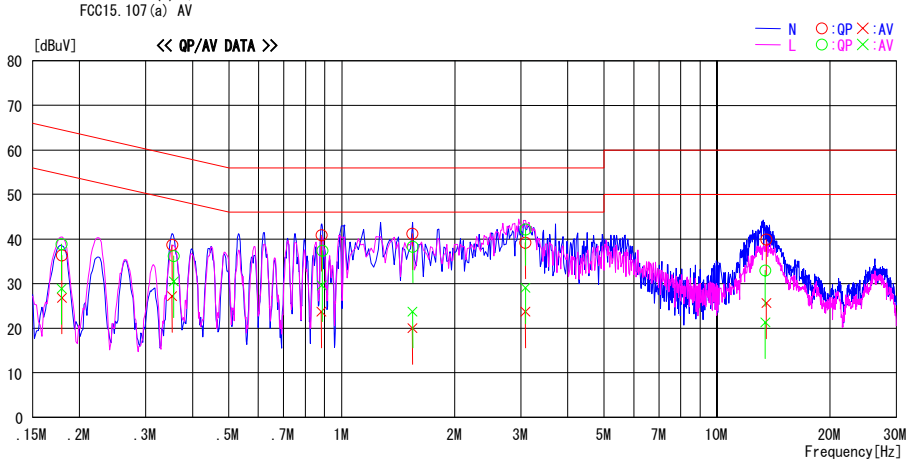
UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2008/12/10

Company : SHARP CORPORATION
Kind of EUT : W-CDMA / GSM Mobile Phone
Model No. : PV300
Serial No. : P3-156

Report No. : 29CE0264-HO-01
Power : DC 5V (AC Adapter: AC120V/60Hz)
Temp./Humi. : 23deg.C. / 40%
Engineer : Katsunori Okai

Mode / Remarks : GPS Receiving Mode

LIMIT : FCC15.107(a) QP
FCC15.107(a) AV



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase
	QP	AV	Factor	QP	AV	QP	AV	QP	AV	
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	
0.17896	38.7	28.7	0.2	38.9	28.9	64.5	54.5	25.6	25.6	L
0.17949	36.2	26.6	0.2	36.4	26.8	64.5	54.5	28.1	27.7	N
0.35323	38.4	26.9	0.3	38.7	27.2	58.9	48.9	20.2	21.7	N
0.35654	35.9	30.2	0.3	36.2	30.5	58.8	48.8	22.6	18.3	L
0.88226	40.5	23.3	0.4	40.9	23.7	56.0	46.0	15.1	22.3	N
0.88575	37.0	29.2	0.4	37.4	29.6	56.0	46.0	18.6	16.4	L
1.54264	40.7	19.5	0.5	41.2	20.0	56.0	46.0	14.8	26.0	N
1.54435	37.8	23.2	0.5	38.3	23.7	56.0	46.0	17.7	22.3	L
3.08427	38.6	23.1	0.6	39.2	23.7	56.0	46.0	16.8	22.3	N
3.08647	41.6	28.5	0.6	42.2	29.1	56.0	46.0	13.8	16.9	L
13.44234	31.3	19.6	1.7	33.0	21.3	60.0	50.0	27.0	28.7	L
13.53234	38.2	24.0	1.7	39.9	25.7	60.0	50.0	20.1	24.3	N

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.

Radiated Emission
(Video play mode)

DATA OF RADIATED EMISSION TEST

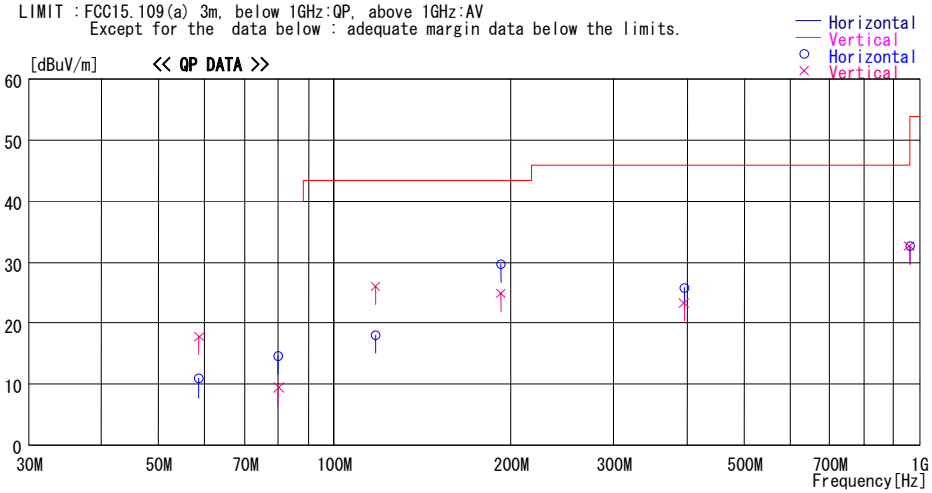
UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2008/12/09

Company : SHARP CORPORATION
Kind of EUT : W-CDMA / GSM Mobile Phone
Model No. : PV300
Serial No. : P3-164

Report No. : 29CE0264-HO-01
Power : DC 5V (AC Adapter :AC120V/60Hz)
Temp./Humi. : 21deg.C / 30%
Engineer : Kenichi Adachi

Mode / Remarks: Video play mode, LCD close, EUT-worst-axis(H:Y, V:Z)

LIMIT : FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:AV
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
58.755	23.3	QP	8.3	-20.8	10.8	92	309	Hori.	40.0	29.2
58.755	30.2	QP	8.3	-20.8	17.7	258	223	Vert.	40.0	22.3
80.140	28.5	QP	6.5	-20.4	14.6	58	345	Hori.	40.0	25.4
80.140	23.3	QP	6.5	-20.4	9.4	89	100	Vert.	40.0	30.6
117.745	25.2	QP	12.5	-19.7	18.0	223	281	Hori.	43.5	25.5
117.745	33.3	QP	12.5	-19.7	26.1	80	100	Vert.	43.5	17.4
192.001	31.9	QP	16.5	-18.6	29.8	320	158	Hori.	43.5	13.7
192.001	27.1	QP	16.5	-18.6	25.0	62	100	Vert.	43.5	18.5
395.532	26.7	QP	16.4	-17.1	26.0	335	108	Hori.	46.0	20.0
395.532	24.1	QP	16.4	-17.1	23.4	137	135	Vert.	46.0	22.6
960.000	23.4	QP	23.1	-13.8	32.7	0	100	Hori.	46.0	13.3
960.000	23.4	QP	23.1	-13.8	32.7	0	100	Vert.	46.0	13.3

CHART:WITH FACTOR ANT TYPE: -30MHz:LOOP, 30-300MHz:BICONICAL, 300MHz-1000MHz:LOGPERIODIC, 1000MHz-:HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

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

Radiated Emission
(Video play mode)

DATA OF RADIATED EMISSION TEST

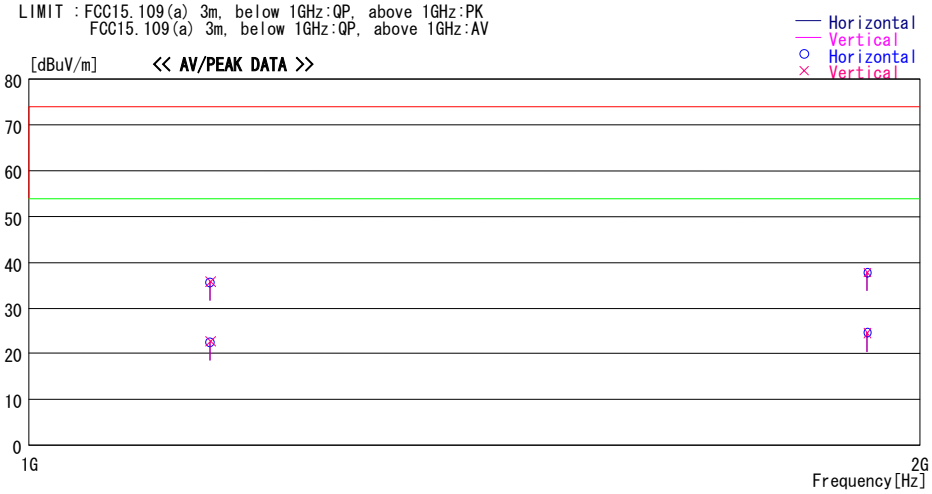
UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2008/12/09

Company : SHARP CORPORATION
Kind of EUT : W-CDMA / GSM Mobile Phone
Model No. : PV300
Serial No. : P3-164

Report No. : 29CE0264-HO-01
Power : DC 5V (AC Adapter :AC120V/60Hz)
Temp./Humi. : 21deg.C / 30%
Engineer : Kenichi Adachi

Mode / Remarks: Video play mode, LCD close, EUT-worst-axis(H:Y, V:Z)

LIMIT : FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
1152.000	46.2	PK	24.7	-35.0	35.9	0	100	Hori.	73.9	38.0
1152.000	32.7	AV	24.7	-35.0	22.4	0	100	Hori.	53.9	31.5
1152.000	46.3	PK	24.7	-35.0	36.0	0	100	Vert.	73.9	37.9
1152.000	32.8	AV	24.7	-35.0	22.5	0	100	Vert.	53.9	31.4
1920.000	46.3	PK	25.7	-34.0	38.0	0	100	Hori.	73.9	35.9
1920.000	32.7	AV	25.7	-34.0	24.4	0	100	Hori.	53.9	29.5
1920.000	46.2	PK	25.7	-34.0	37.9	0	100	Vert.	73.9	36.0
1920.000	32.7	AV	25.7	-34.0	24.4	0	100	Vert.	53.9	29.5

CHART:WITH FACTOR ANT TYPE: -30MHz:LOOP, 30-300MHz:BICONICAL, 300MHz-1000MHz:LOGPERIODIC, 1000MHz-:HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

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

Radiated Emission
(PC Link mode)

DATA OF RADIATED EMISSION TEST

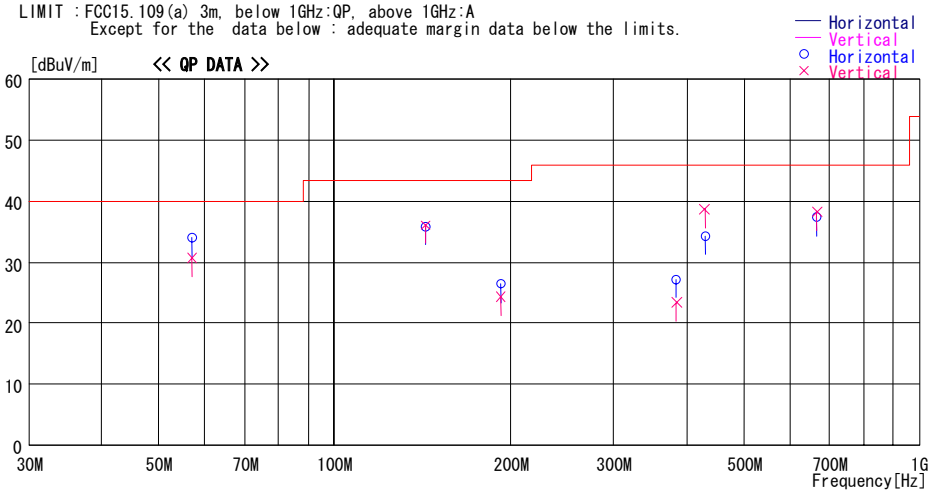
UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2008/12/09

Company : SHARP CORPORATION
Kind of EUT : W-CDMA / GSM Mobile Phone
Model No. : PV300
Serial No. : P3-164

Report No. : 29CE0264-HO-01
Power : DC 5V (PC input : AC120V/60Hz)
Temp./Humi. : 21deg.C / 30%
Engineer : Kenichi Adachi

Mode / Remarks: PC Link mode(USB), LCD close, EUT-worst-axis(H:X, V:X)

LIMIT : FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:A
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
57.111	46.2	QP	8.6	-20.8	34.0	117	352	Hori.	40.0	6.0
57.062	42.9	QP	8.7	-20.8	30.8	144	100	Vert.	40.0	9.2
143.175	40.8	QP	14.5	-19.4	35.9	27	223	Hori.	43.5	7.6
143.175	41.0	QP	14.5	-19.4	36.1	179	100	Vert.	43.5	7.4
192.001	28.6	QP	16.5	-18.6	26.5	342	142	Hori.	43.5	17.0
192.001	26.5	QP	16.5	-18.6	24.4	344	100	Vert.	43.5	19.1
383.975	28.4	QP	15.9	-17.0	27.3	34	126	Hori.	46.0	18.7
383.975	24.6	QP	15.9	-17.0	23.5	33	121	Vert.	46.0	22.5
429.526	34.3	QP	17.1	-17.0	34.4	90	100	Hori.	46.0	11.6
429.526	38.7	QP	17.1	-17.0	38.8	284	144	Vert.	46.0	7.2
666.115	33.2	QP	20.2	-16.0	37.4	251	116	Hori.	46.0	8.6
666.115	34.1	QP	20.2	-16.0	38.3	16	147	Vert.	46.0	7.7

CHART:WITH FACTOR ANT TYPE: -30MHz:LOOP, 30-300MHz:BICONICAL, 300MHz-1000MHz:LOGPERIODIC, 1000MHz-:HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

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

UL Japan, Inc.
Head Office EMC Lab.
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN
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Radiated Emission
(PC Link mode)

DATA OF RADIATED EMISSION TEST

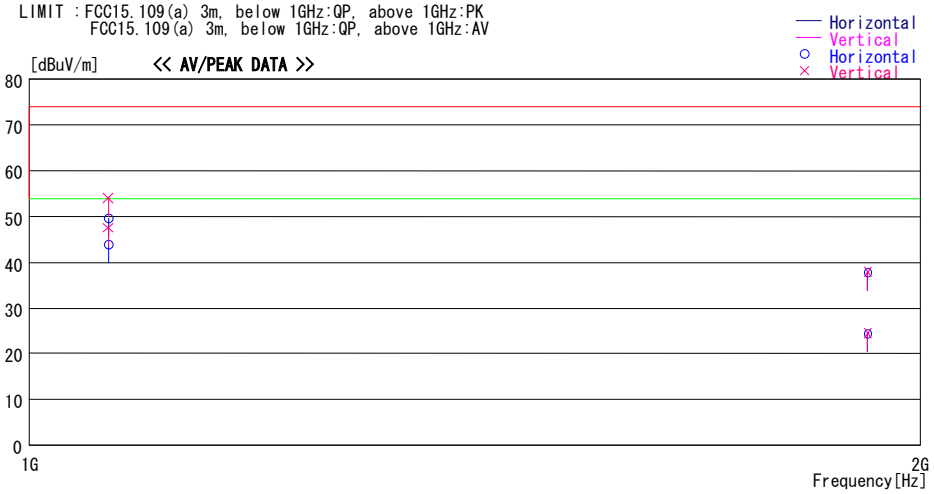
UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2008/12/09

Company : SHARP CORPORATION
Kind of EUT : W-CDMA / GSM Mobile Phone
Model No. : PV300
Serial No. : P3-164

Report No. : 29CE0264-HO-01
Power : DC 5V (PC input : AC120V/60Hz)
Temp./Humi. : 21deg.C / 30%
Engineer : Kenichi Adachi

Mode / Remarks: PC Link mode(USB), LCD close, EUT-worst-axis(H:X, V:X)

LIMIT : FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
1064.120	60.4	PK	24.5	-35.2	49.7	200	145	Hori.	73.9	24.2
1064.120	54.7	AV	24.5	-35.2	44.0	200	145	Hori.	53.9	9.9
1064.128	64.8	PK	24.5	-35.2	54.1	290	100	Vert.	73.9	19.8
1064.128	58.3	AV	24.5	-35.2	47.6	290	100	Vert.	53.9	6.3
1920.000	46.2	PK	25.7	-34.0	37.9	0	100	Hori.	73.9	36.0
1920.000	32.6	AV	25.7	-34.0	24.3	0	100	Hori.	53.9	29.6
1920.000	46.3	PK	25.7	-34.0	38.0	0	100	Vert.	73.9	35.9
1920.000	32.7	AV	25.7	-34.0	24.4	0	100	Vert.	53.9	29.5

CHART:WITH FACTOR ANT TYPE: -30MHz:LOOP, 30-300MHz:BICONICAL, 300MHz-1000MHz:LOGPERIODIC, 1000MHz-:HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

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

Radiated Emission
(GPS Receiving mode)

DATA OF RADIATED EMISSION TEST

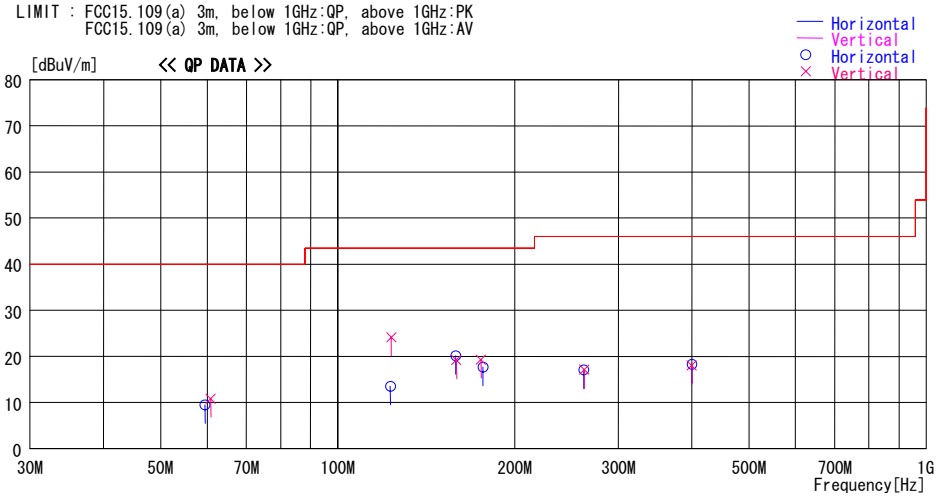
UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/12/10

Company : SHARP CORPORATION
Kind of EUT : W-CDMA / GSM Mobile Phone
Model No. : PV300
Serial No. : P3-040

Report No. : 29CE0264-HO-02
Power : DC 5V (PC input : AC120V/60Hz)
Temp./Humi. : 23deg.C / 38%
Engineer : Satofumi Matsuyama

Mode / Remarks : GPS Receiving mode, EUT-axis Hor:Z-axis Ver:Y-axis

LIMIT : FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
59.468	25.9	QP	8.0	-24.4	9.5	59	298	Hori.	40.0	30.5	
60.888	27.4	QP	7.8	-24.4	10.8	286	100	Vert.	40.0	29.2	
122.888	24.2	QP	12.9	-23.6	13.5	236	298	Hori.	43.5	30.0	
123.368	34.8	QP	12.9	-23.6	24.1	355	100	Vert.	43.5	19.4	
158.689	28.0	QP	15.4	-23.3	20.1	172	298	Hori.	43.5	23.4	
159.149	27.1	QP	15.4	-23.3	19.2	297	100	Vert.	43.5	24.3	
175.249	26.2	QP	16.3	-23.2	19.3	295	100	Vert.	43.5	24.2	
176.699	24.6	QP	16.3	-23.2	17.7	6	298	Hori.	43.5	25.8	
262.099	21.7	QP	17.8	-22.4	17.1	0	298	Hori.	46.0	28.9	
262.649	21.7	QP	17.8	-22.4	17.1	0	100	Vert.	46.0	28.9	
400.000	21.5	QP	17.9	-21.4	18.0	0	100	Vert.	46.0	28.0	
400.000	21.8	QP	17.9	-21.4	18.3	0	100	Hori.	46.0	27.7	

CHART:WITH FACTOR ANT TYPE: -30MHz:LOOP, 30-300MHz:BICONICAL, 300MHz-1000MHz:LOGPERIODIC, 1000MHz-:HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

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

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Radiated Emission
(GPS Receiving mode)

DATA OF RADIATED EMISSION TEST

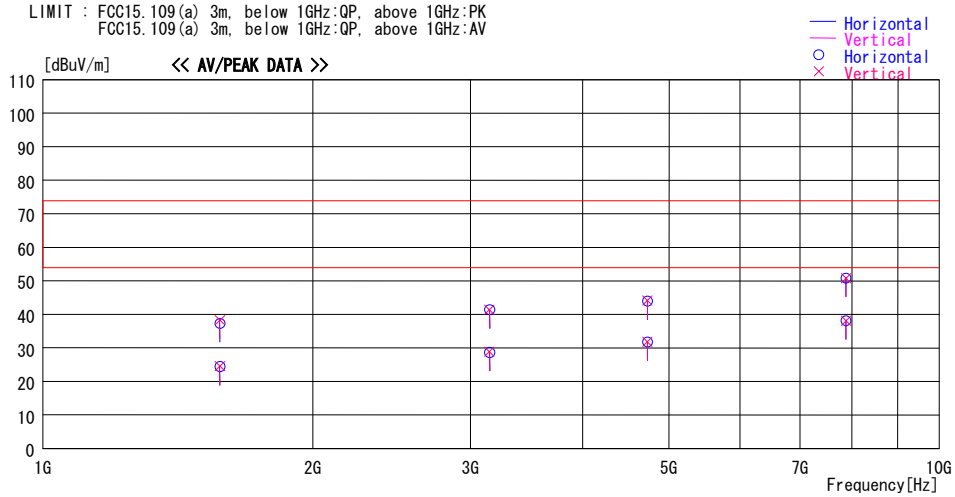
UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/12/10

Company : SHARP CORPORATION
Kind of EUT : W-CDMA / GSM Mobile Phone
Model No. : PV300
Serial No. : P3-040

Report No. : 29CE0264-HO-02
Power : DC 5V (PC input : AC120V/60Hz)
Temp./Humi. : 23deg.C / 38%
Engineer : Satofumi Matsuyama

Mode / Remarks : GPS Receiving mode, EUT-axis Hor:Z-axis Ver:Y-axis

LIMIT : FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
1575.420	42.4	PK	25.8	-30.9	37.3	0	100	Hori.	73.9	36.6	
1575.420	43.4	PK	25.8	-30.9	38.3	0	100	Vert.	73.9	35.6	
1575.420	29.6	AV	25.8	-30.9	24.5	0	100	Hori.	53.9	29.4	
1575.420	29.6	AV	25.8	-30.9	24.5	0	100	Vert.	53.9	29.4	
3150.840	41.2	PK	28.8	-28.5	41.5	0	100	Hori.	73.9	32.4	
3150.840	41.1	PK	28.8	-28.5	41.4	0	100	Vert.	73.9	32.5	
3150.840	28.4	AV	28.8	-28.5	28.7	0	100	Hori.	53.9	25.2	
3150.840	28.5	AV	28.8	-28.5	28.8	0	100	Vert.	53.9	25.1	
4726.260	39.8	PK	31.4	-27.2	44.0	0	100	Hori.	73.9	29.9	
4726.260	40.0	PK	31.4	-27.2	44.2	0	100	Vert.	73.9	29.7	
4726.260	27.6	AV	31.4	-27.2	31.8	0	100	Hori.	53.9	22.1	
4726.260	27.6	AV	31.4	-27.2	31.8	0	100	Vert.	53.9	22.1	
7877.100	42.2	PK	36.8	-28.1	50.9	0	100	Hori.	73.9	23.0	
7877.100	42.2	PK	36.8	-28.1	50.9	0	100	Vert.	73.9	23.0	
7877.100	29.4	AV	36.8	-28.1	38.1	0	100	Hori.	53.9	15.8	
7877.100	29.4	AV	36.8	-28.1	38.1	0	100	Vert.	53.9	15.8	

CHART:WITH FACTOR ANT TYPE: -30MHz:LOOP, 30-300MHz:BICONICAL, 300MHz-1000MHz:LOGPERIODIC, 1000MHz-:HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

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

APPENDIX 3: Test instruments

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
MAEC-04	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	CE / RE	2008/03/27 * 12
MOS-15	Thermo-Hygrometer	Custom	CTH-180	-	CE / RE	2008/01/10 * 12
MJM-07	Measure	PROMART	SEN1955	-	CE / RE	-
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	-	CE / RE	-
MSA-05	Spectrum Analyzer	Advantest	R3273	160400285	CE	2008/06/25 * 12
MTR-07	Test Receiver	Rohde & Schwarz	ESCI	100635	CE / RE	2008/10/03 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	8127363	CE(AE)	2008/02/19 * 12
MLS-07	LISN(AMN)	Schwarzbeck	NSLK8127	8127364	CE(EUT)	2008/02/20 * 12
MTA-07	Terminator	MCL	BTRM-50	1 9944	CE	2008/02/04 * 12
MCC-113	Coaxial cable	Fujikura/Suhner/TSJ	-	-	CE	2008/07/03 * 12
MAEC-01	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 10m	DA-06881	RE	2008/10/29 * 12
MBA-01	Biconical Antenna	Schwarzbeck	BBA9106	VHA91032007	RE	2008/11/12 * 12
MLA-09	Logperiodic Antenna	Schwarzbeck	USLP9143B	9143B006	RE	2008/11/12 * 12
MAT-06	Attenuator(6dB)	Weinschel Corp	2	BL1069	RE	2008/11/14 * 12
MCC-01	Coaxial Cable 0.1-3000MHz	Suhner/storm/Agilent/ TSJ	-	-	RE	2008/10/02 * 12
MPA-04	Pre Amplifier	Agilent	8447D	2944A09965	RE	2008/07/23 * 12
MTR-01	Test Receiver	Rohde & Schwarz	ESI40	100084	RE	2008/12/01 * 12
MOS-01	Digital Humidity Indicator	N.T	NT-1800	MOS01	RE	2008/11/27 * 12
MJM-01	Measure	KDS	ES19-55	-	RE	-
MHA-05	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	253	RE	2008/01/19 * 12
MCC-18	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	233010(1m) / 292410(5m)	RE	2008/09/09 * 12
MPA-01	Pre Amplifier	Agilent	8449B	3008A01671	RE	2008/02/12 * 12
MBA-05	Biconical Antenna	Schwarzbeck	BBA9106	1302	RE	2008/01/12 * 12
MLA-08	Logperiodic Antenna	Schwarzbeck	UKLP9140-A	N/A	RE	2008/01/12 * 12
MCC-50	Coaxial cable	UL Japan	-	-	RE	2008/03/17 * 12
MAT-31	Attenuator(6dB)	TME	UFA-01	-	RE	2008/03/10 * 12
MPA-14	Pre Amplifier	SONOMA INSTRUMENT	310	260833	RE	2008/03/06 * 12
MHA-21	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	9120D-557	RE	2008/08/11 * 12
MCC-57	Microwave Cable 1G-26.5GHz (6.0m)	Suhner	SUCOFLEX104	246769(1m) / 292411(5m)	RE	2008/11/05 * 12
MPA-12	MicroWave System Amplifier	Agilent	83017A	MY39500780	RE	2008/03/13 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	US44300523	RE	2008/08/18 * 12
MAEC-02	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-06902	CE	2008/04/17 * 12
MOS-22	Thermo-Hygrometer	Custom	CTH-201	0003	CE	2008/12/08 * 12
MJM-05	Measure	PROMART	SEN1955	-	CE	-
MTR-03	Test Receiver	Rohde & Schwarz	ESCI	100300	CE	2008/04/02 * 12
MCC-13	Coaxial Cable	Fujikura/Agilent	-	-	CE	2008/02/15 * 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

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