

APPENDIX 2: Data of EMI test

Conducted Emission
ANT: A, Tx, Ch: Low

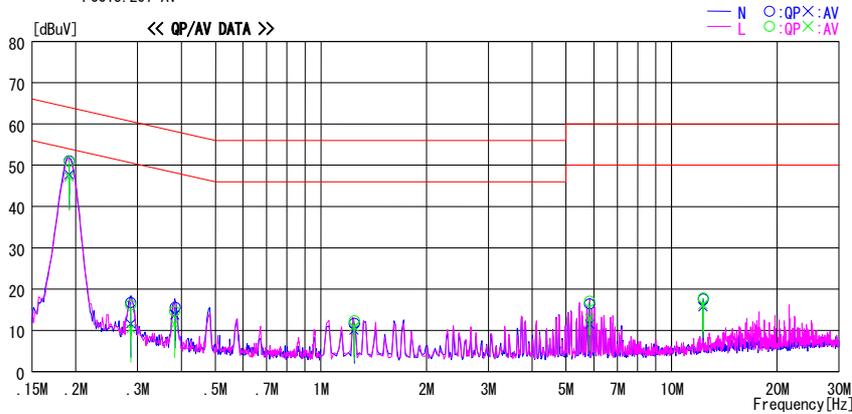
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2007/12/26

Company : Sony Corporation
 Kind of EUT : Wireless transceiver
 Model No. : EZW-RT10
 Serial No. : 3
 Report No. : 28CE0018-HO-01
 Power : DC 3.3V
 Temp./Humi. : 20deg. C / 32%
 Operator : Kazufumi Nakai

Mode / Remarks : Transmitting 2411.85MHz, ANT:A

LIMIT : FCC15.207 QP
 FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.19161	50.9	47.5	0.2	51.1	47.7	64.0	54.0	12.9	6.3	N	
0.28714	16.5	11.3	0.3	16.8	11.6	60.6	50.6	43.8	39.0	N	
0.38356	15.3	13.5	0.3	15.6	13.8	58.2	48.2	42.6	34.4	N	
1.24359	11.2	9.6	0.5	11.7	10.1	56.0	46.0	44.3	35.9	N	
5.83852	15.4	10.4	1.1	16.5	11.5	60.0	50.0	43.5	38.5	N	
12.29030	15.9	14.0	1.7	17.6	15.7	60.0	50.0	42.4	34.3	N	
0.19167	50.7	47.0	0.2	50.9	47.2	64.0	54.0	13.1	6.8	L	
0.28707	15.9	10.1	0.3	16.2	10.4	60.6	50.6	44.4	40.2	L	
0.38306	14.3	11.2	0.3	14.6	11.5	58.2	48.2	43.6	36.7	L	
1.24417	11.9	10.4	0.5	12.4	10.9	56.0	46.0	43.6	35.1	L	
5.83846	16.0	11.9	1.1	17.1	13.0	60.0	50.0	42.9	37.0	L	
12.29061	16.2	14.6	1.7	17.9	16.3	60.0	50.0	42.1	33.7	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 round off to one or two decimal places, so some differences might be observed.

Conducted Emission
ANT: A, Tx, Ch: Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
 Date : 2007/12/26

Company	: Sony Corporation	Report No.	: 28CE0018-HO-01
Kind of EUT	: Wireless transceiver	Power	: DC 3.3V
Model No.	: EZW-RT10	Temp./Humi.	: 20deg.C / 32%
Serial No.	: 3	Operator	: Kazufumi Nakai

Mode / Remarks : Transmitting 2437.85MHz, ANT:A

LIMIT : FCC15.207 QP
 FCC15.207 AV

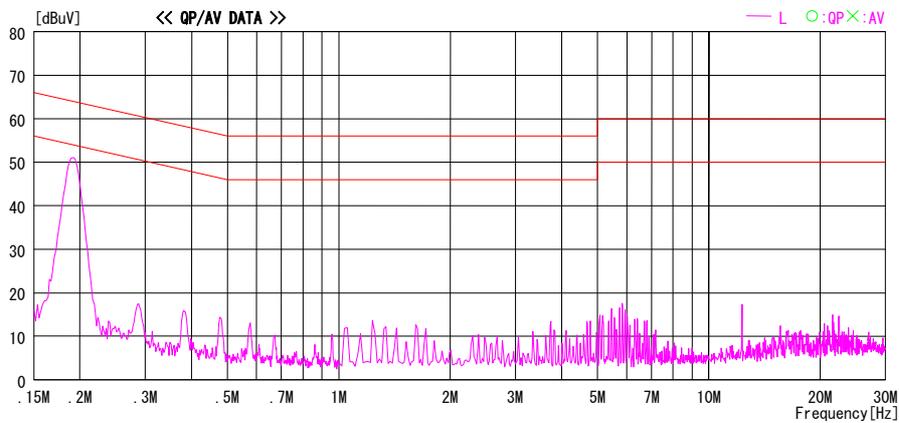
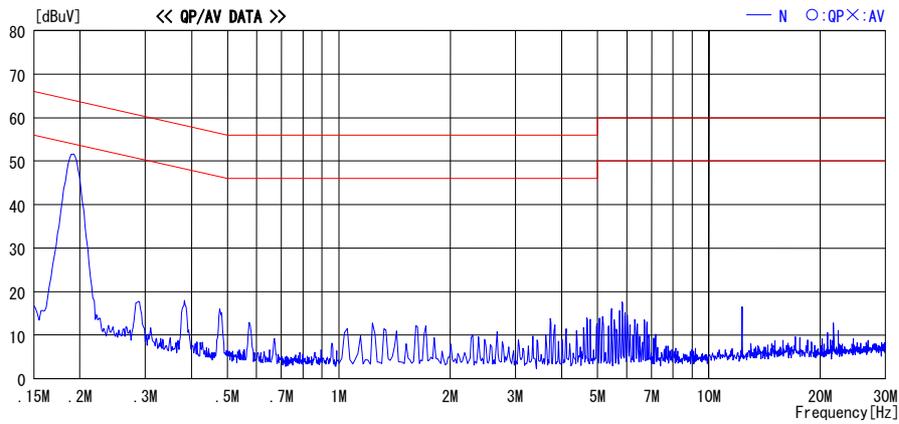


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
ANT: A, Tx, Ch: High

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
 Date : 2007/12/26

Company	: Sony Corporation	Report No.	: 28CE0018-HO-01
Kind of EUT	: Wireless transceiver	Power	: DC 3.3V
Model No.	: EZW-RT10	Temp./Humi.	: 20deg.C / 32%
Serial No.	: 3	Operator	: Kazufumi Nakai

Mode / Remarks : Transmitting 2463.85MHz, ANT:A

LIMIT : FCC15.207 QP
 FCC15.207 AV

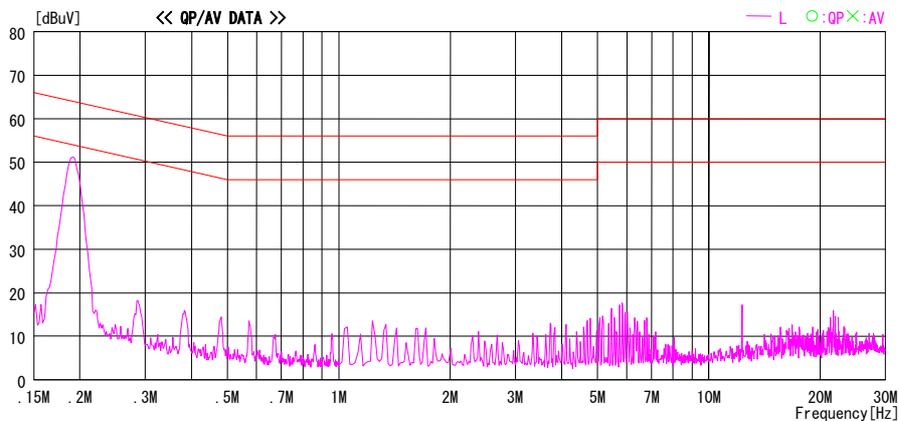
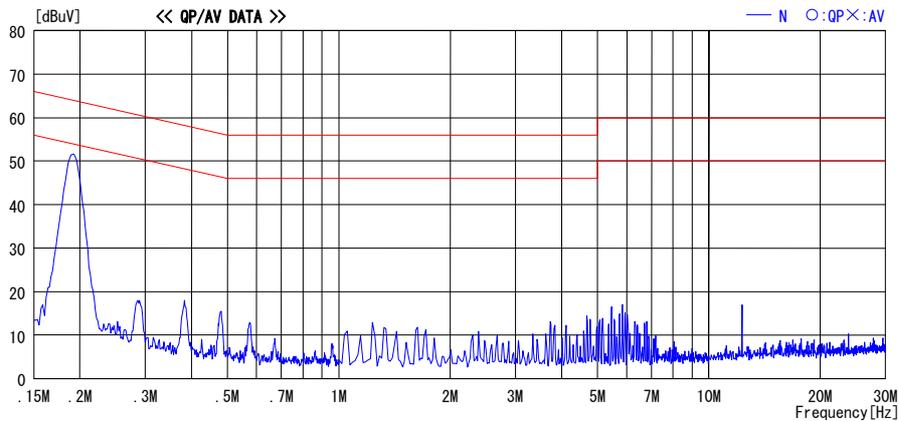


CHART:WITH FACTOR, Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
ANT: B, Tx, Ch: Low

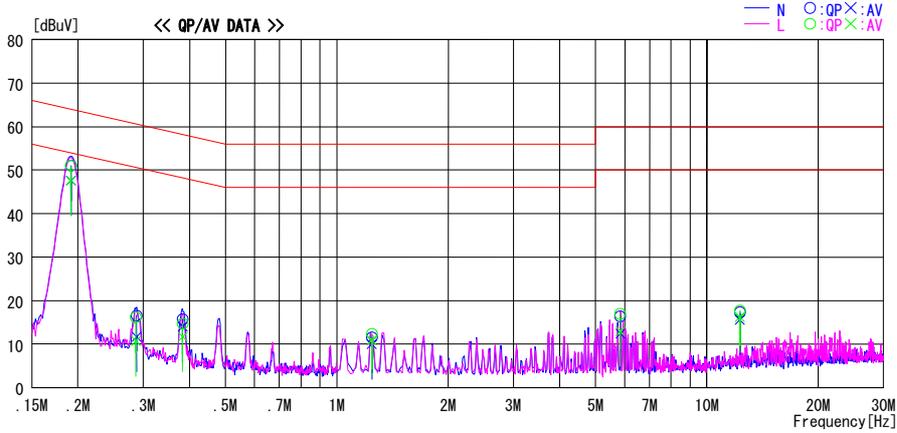
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2007/12/26

Company : Sony Corporation
Kind of EUT : Wireless transceiver
Model No. : EZW-RT10
Serial No. : 3
Report No. : 28CE0018-HO-01
Power : DC 3.3V
Temp./Humi. : 20deg.C / 32%
Operator : Kazufumi Nakai

Mode / Remarks : Transmitting 2411.85MHz, ANT:B

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.19153	50.8	47.4	0.2	51.0	47.6	64.0	54.0	13.0	6.4	N	
0.28782	16.3	11.4	0.3	16.6	11.7	60.6	50.6	44.0	38.9	N	
0.38346	15.5	13.7	0.3	15.8	14.0	58.2	48.2	42.4	34.2	N	
1.24399	11.1	9.5	0.5	11.6	10.0	56.0	46.0	44.4	36.0	N	
5.83887	15.3	11.3	1.1	16.4	12.4	60.0	50.0	43.6	37.6	N	
12.29078	15.7	13.9	1.7	17.4	15.6	60.0	50.0	42.6	34.4	N	
0.19135	50.8	47.4	0.2	51.0	47.6	64.0	54.0	13.0	6.4	L	
0.28649	15.9	10.4	0.3	16.2	10.7	60.6	50.6	44.4	39.9	L	
0.38314	14.4	11.4	0.3	14.7	11.7	58.2	48.2	43.5	36.5	L	
1.24410	11.9	10.4	0.5	12.4	10.9	56.0	46.0	43.6	35.1	L	
5.83901	15.9	11.9	1.1	17.0	13.0	60.0	50.0	43.0	37.0	L	
12.29082	16.0	14.5	1.7	17.7	16.2	60.0	50.0	42.3	33.8	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 round off to one or two decimal places, so some differences might be observed.

Conducted Emission
ANT: B, Tx, Ch: Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
 Date : 2007/12/26

Company	: Sony Corporation	Report No.	: 28CE0018-HO-01
Kind of EUT	: Wireless transceiver	Power	: DC 3.3V
Model No.	: EZW-RT10	Temp./Humi.	: 20deg.C / 32%
Serial No.	: 3	Operator	: Kazufumi Nakai

Mode / Remarks : Transmitting 2437.85MHz, ANT:B

LIMIT : FCC15.207 QP
 FCC15.207 AV

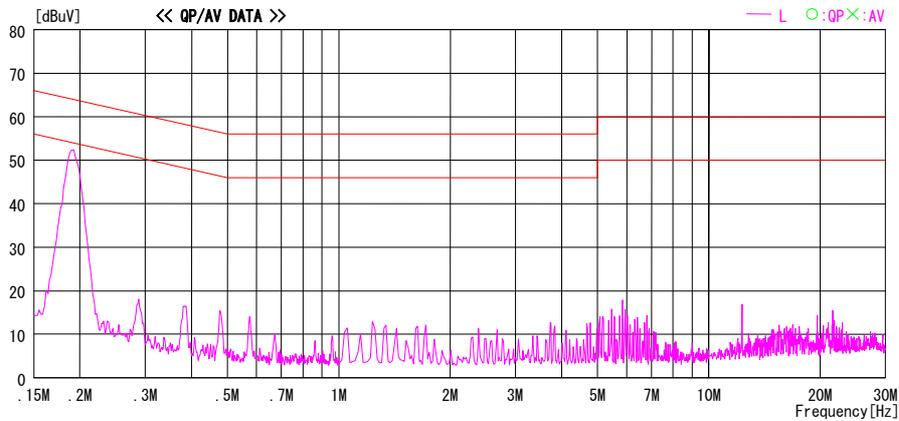
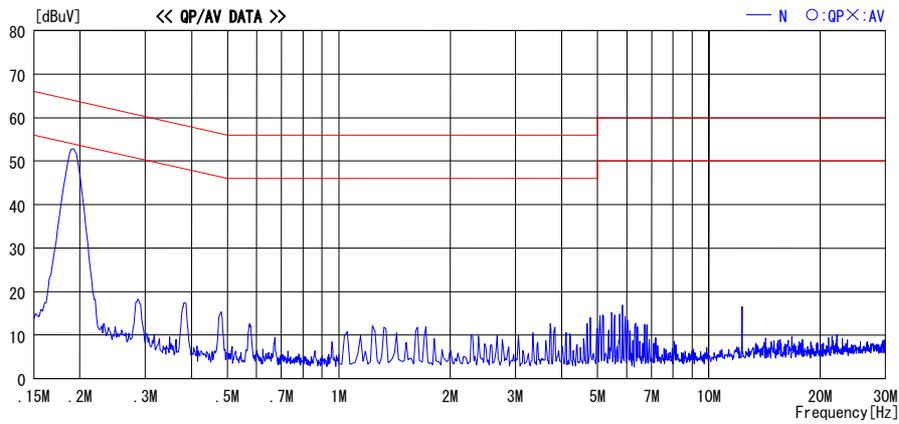


CHART:WITH FACTOR, Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
ANT: B, Tx, Ch: High

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
 Date : 2007/12/26

Company	: Sony Corporation	Report No.	: 28CE0018-HO-01
Kind of EUT	: Wireless transceiver	Power	: DC 3.3V
Model No.	: EZW-RT10	Temp./Humi.	: 20deg.C / 32%
Serial No.	: 3	Operator	: Kazufumi Nakai

Mode / Remarks : Transmitting 2463.85MHz, ANT:B

LIMIT : FCC15.207 QP
 FCC15.207 AV

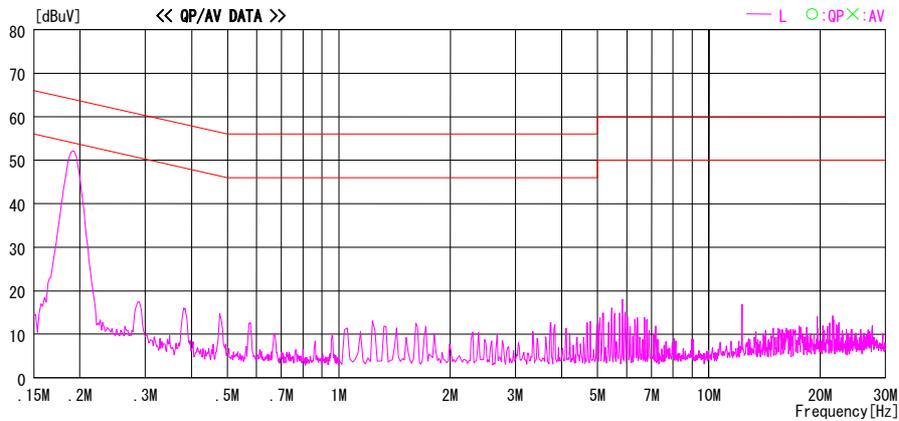
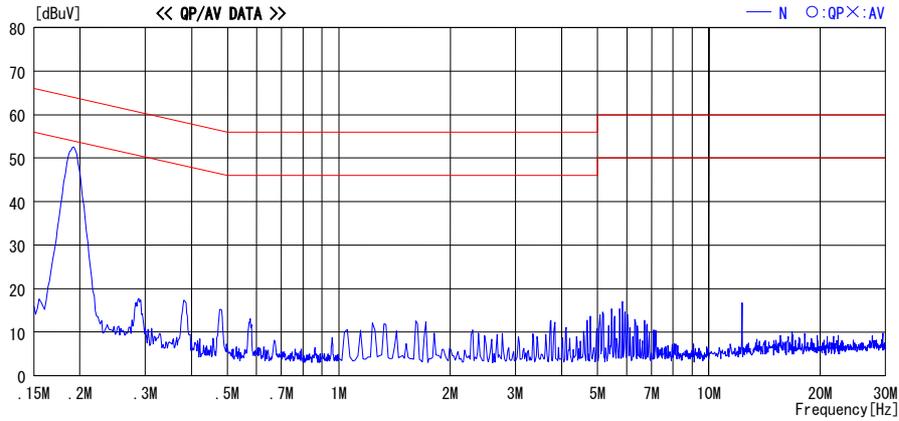


CHART:WITH FACTOR, Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
ANT: A, Rx, Ch: Mid

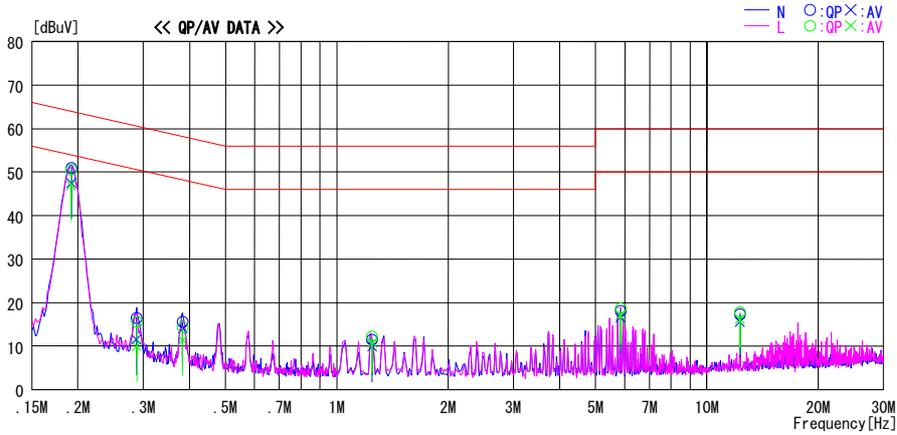
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
 Date : 2007/12/26

Company : Sony Corporation
 Kind of EUT : Wireless transceiver
 Model No. : EZW-RT10
 Serial No. : 3
 Report No. : 28CE0018-HO-01
 Power : DC 3.3V
 Temp./Humi. : 20deg.C / 32%
 Operator : Kazufumi Nakai

Mode / Remarks : Recieving 2437.85MHz, ANT:A

LIMIT : FCC15.207 QP
 FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.19184	50.7	47.3	0.2	50.9	47.5	64.0	54.0	13.1	6.5	N	
0.28726	16.2	11.2	0.3	16.5	11.5	60.6	50.6	44.1	39.1	N	
0.38326	15.3	13.7	0.3	15.6	14.0	58.2	48.2	42.6	34.2	N	
1.24542	11.0	9.4	0.5	11.5	9.9	56.0	46.0	44.5	36.1	N	
5.84416	17.0	15.5	1.1	18.1	16.6	60.0	50.0	41.9	33.4	N	
12.29067	15.7	13.9	1.7	17.4	15.6	60.0	50.0	42.6	34.4	N	
0.19148	50.3	46.7	0.2	50.5	46.9	64.0	54.0	13.5	7.1	L	
0.28802	15.3	9.7	0.3	15.6	10.0	60.6	50.6	45.0	40.6	L	
0.38349	14.1	11.1	0.3	14.4	11.4	58.2	48.2	43.8	36.8	L	
1.24520	11.7	10.3	0.5	12.2	10.8	56.0	46.0	43.8	35.2	L	
5.84433	17.6	16.0	1.1	18.7	17.1	60.0	50.0	41.3	32.9	L	
12.29061	16.1	14.5	1.7	17.8	16.2	60.0	50.0	42.2	33.8	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 round off to one or two decimal places, so some differences might be observed.

Conducted Emission
ANT: B, Rx, Ch: Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber
 Date : 2007/12/26

Company	: Sony Corporation	Report No.	: 28CE0018-H0-01
Kind of EUT	: Wireless transceiver	Power	: DC 3.3V
Model No.	: EZW-RT10	Temp./Humi.	: 20deg.C / 32%
Serial No.	: 3	Operator	: Kazufumi Nakai

Mode / Remarks : Recieving 2437.85MHz, ANT:B

LIMIT : FCC15.207 QP
FCC15.207 AV

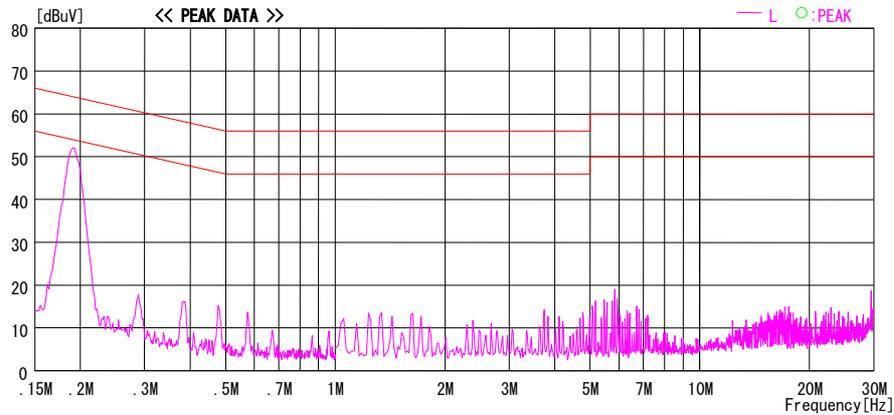
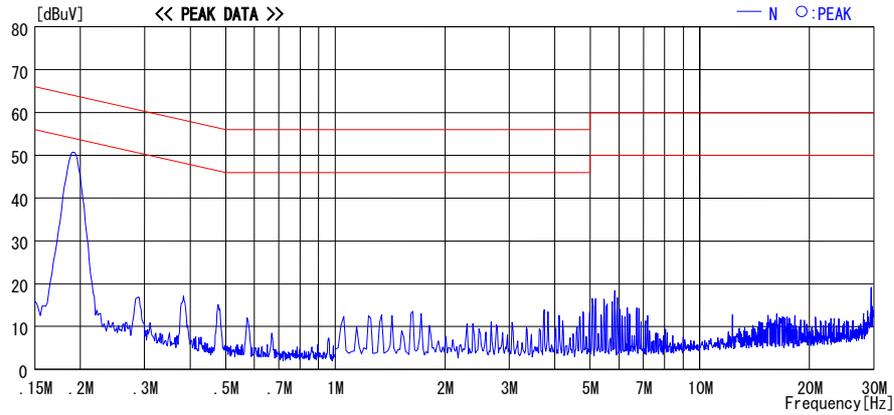


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

6dB Bandwidth

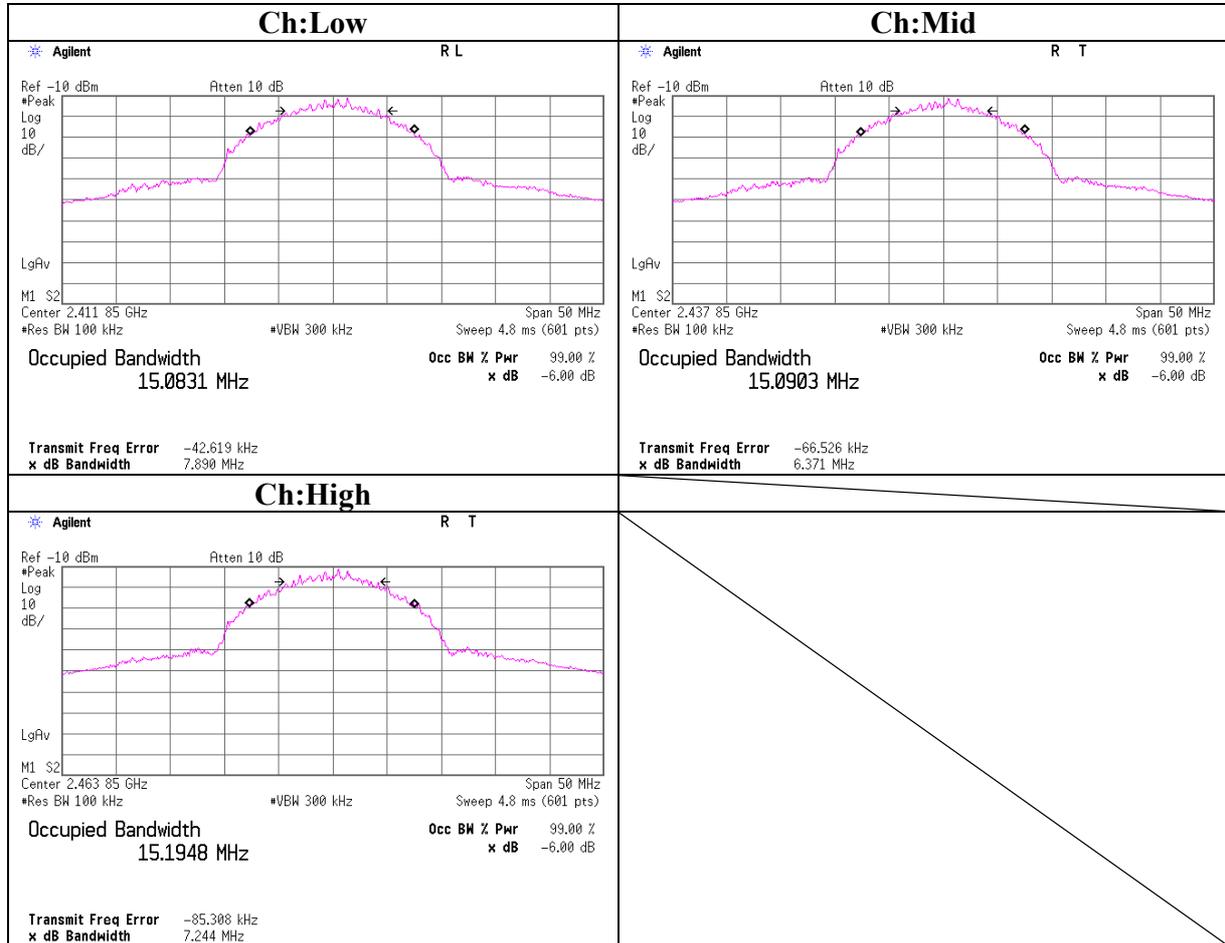
UL Japan, Inc.
Head Office EMC Lab. No.6 measurement room

Company : Sony Corporation
Equipment : Wireless transceiver
Model No. : EZW-RT10
Serial No. : 2
Power : DC 3.3V
Mode : Tx (Ch L, M, H) ANT: A

Test Report No. : 28CE0018-HO-01
Regulation : FCC15.247(a)(2)/RSS-210A8.2(a)
Test distance : -
Date : 12/19/2007
Temperature : 21deg.C.
Humidity : 47%
Engineer : Takahiro Hatakeda

Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2411.85	7.890	>500
Mid	2437.85	6.371	>500
High	2463.85	7.244	>500

6dB Bandwidth



Maximum Peak Output Power

UL Japan, Inc.
 Head Office EMC Lab. No.6 measurement room

Company : Sony Corporation	Test Report No. : 28CE0018-HO-01
Equipment : Wireless transceiver	Regulation : FCC15.247(b)(3)/RSS-210A8.4(4)
Model No. : EZW-RT10	Test distance : -
Serial No. : 2	Date : 12/19/2007
Power : DC 3.3V	Temperature : 21deg.C.
Mode : Tx (Ch L, M, H)	Humidity : 47%
	Engineer : Takahiro Hatakeda

[ANT:A]

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2411.85	0.65	0.90	10.08	11.63	14.55	30.00	1000	18.37
Mid	2437.85	0.67	0.90	10.08	11.65	14.62	30.00	1000	18.35
High	2463.85	0.59	0.90	10.08	11.57	14.35	30.00	1000	18.43

Sample Calculation:

Result = Reading + Cable Loss (supplied by customer) + Attenuator

* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

[ANT:B]

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2411.85	0.00	0.90	10.08	10.98	12.53	30.00	1000	19.02
Mid	2437.85	0.01	0.90	10.08	10.99	12.56	30.00	1000	19.01
High	2463.85	0.01	0.90	10.08	10.99	12.56	30.00	1000	19.01

Sample Calculation:

Result = Reading + Cable Loss (supplied by customer) + Attenuator

* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

Radiated Spurious Emission (below 1GHz)
ANT: A, Tx, Ch: Low

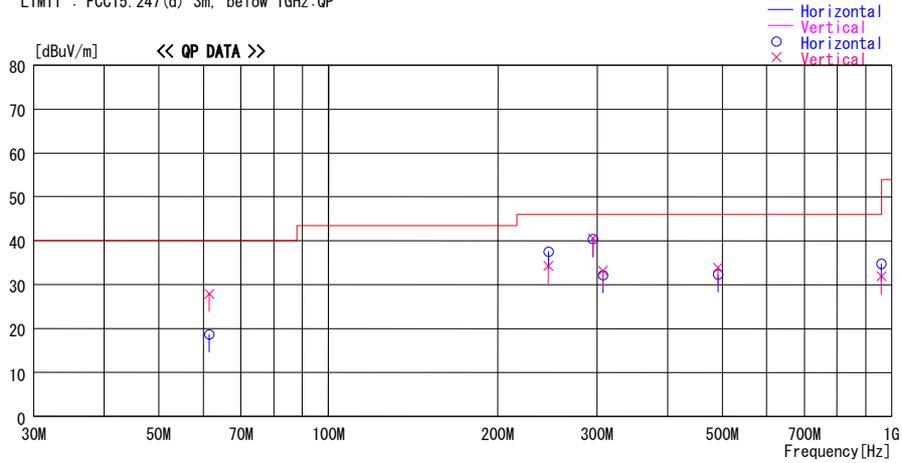
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
Date : 2007/12/21

Company : Sony Corporation
Kind of EUT : Wireless transceiver
Model No. : EZW-RT10
Serial No. : 3
Report No. : 28CE0018-HO-01
Power : DC 3.3V
Temp./Humi. : 24 deg.C / 46%
Operator : Takumi Shimada

Mode / Remarks : Transmitting 2411.85MHz, ANT:A, Worst-axis H:Y V:Z

LIMIT : FCC15.247(d) 3m, below 1GHz:QP



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss&Gain [dB]							
61.440	32.4	QP	8.0	-21.7	18.7	332	400	Hori.	40.0	21.3	
61.467	41.6	QP	8.0	-21.7	27.9	172	100	Vert.	40.0	12.1	
245.773	36.7	QP	17.0	-19.4	34.3	203	100	Vert.	46.0	11.7	
245.999	39.9	QP	17.0	-19.4	37.5	58	132	Hori.	46.0	8.5	
295.050	39.8	QP	19.8	-19.0	40.6	19	199	Vert.	46.0	5.4	
294.923	39.6	QP	19.8	-19.0	40.4	67	119	Hori.	46.0	5.6	
307.259	36.7	QP	14.6	-19.1	32.2	237	100	Hori.	46.0	13.8	
307.206	37.7	QP	14.6	-19.1	33.2	88	136	Vert.	46.0	12.8	
491.543	34.4	QP	17.4	-19.5	32.3	62	100	Hori.	46.0	13.7	
491.536	36.0	QP	17.4	-19.5	33.9	133	100	Vert.	46.0	12.1	
958.491	29.0	QP	22.5	-16.8	34.7	83	100	Hori.	46.0	11.3	
958.491	26.2	QP	22.5	-16.8	31.9	138	100	Vert.	46.0	14.1	

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 round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
ANT: A, Tx, Ch: Mid

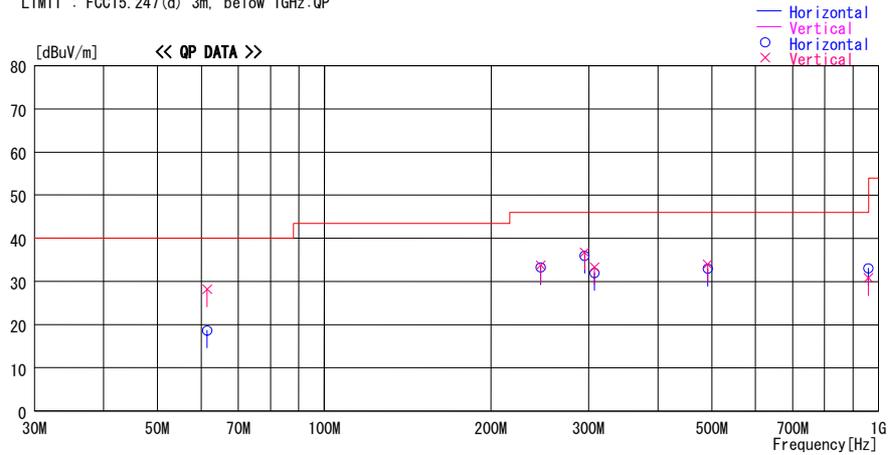
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/12/21

Company : Sony Corporation
Kind of EUT : Wireless transceiver
Model No. : EZW-RT10
Serial No. : 3
Report No. : 28CE0018-HO-01
Power : DC 3.3V
Temp./Humi. : 24 deg. C. / 46%
Operator : Takumi Shimada

Mode / Remarks : Transmitting 2437.85MHz, ANT:A, Worst-axis H:Y V:Z

LIMIT : FCC15.247(d) 3m, below 1GHz:QP



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level	Angle	Height	Polar.	Limit	Margin	Comment
			Factor	Gain							
			[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
61.450	32.4	QP	8.0	-21.7	18.7	342	400	Hori.	40.0	21.3	
61.450	41.9	QP	8.0	-21.7	28.2	0	100	Vert.	40.0	11.8	
245.769	35.7	QP	17.0	-19.4	33.3	228	371	Hori.	46.0	12.7	
245.767	36.1	QP	17.0	-19.4	33.7	304	100	Vert.	46.0	12.3	
294.925	35.2	QP	19.8	-19.0	36.0	84	368	Hori.	46.0	10.1	
294.927	36.0	QP	19.8	-19.0	36.8	165	299	Vert.	46.0	9.3	
307.258	36.5	QP	14.6	-19.1	32.0	233	117	Hori.	46.0	14.0	
307.210	37.8	QP	14.6	-19.1	33.3	73	148	Vert.	46.0	12.7	
491.533	35.1	QP	17.4	-19.5	33.0	68	175	Hori.	46.0	13.0	
491.535	36.1	QP	17.4	-19.5	34.0	129	100	Vert.	46.0	12.0	
958.483	27.3	QP	22.5	-16.8	33.0	121	100	Hori.	46.0	13.0	
958.481	25.1	QP	22.5	-16.8	30.8	170	100	Vert.	46.0	15.2	

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 round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
ANT: A, Tx, Ch: High

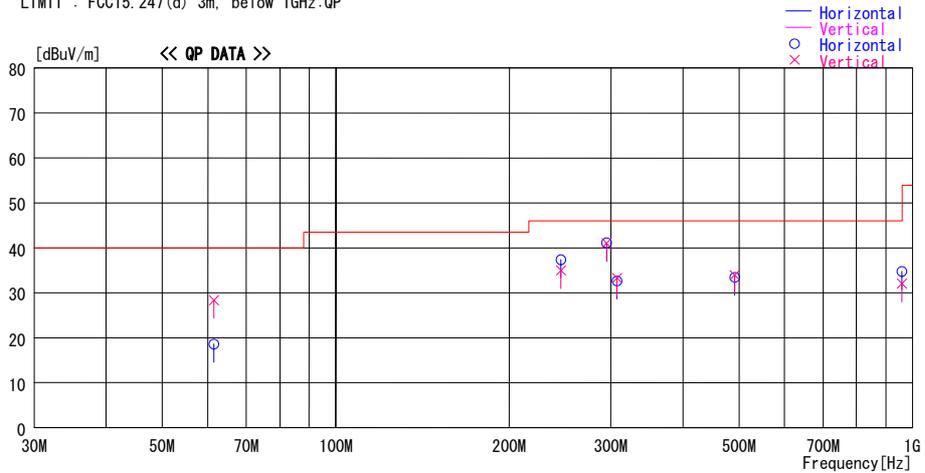
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/12/22

Company : Sony Corporation
Kind of EUT : Wireless transceiver
Model No. : EZW-RT10
Serial No. : 3
Report No. : 28CE0018-HO-01
Power : DC 3.3V
Temp./Humi. : 24 deg. C. / 46%
Operator : Takumi Shimada

Mode / Remarks : Transmitting 2463.85MHz, ANT:A, Worst-axis H:Y V:Z

LIMIT : FCC15.247(d) 3m, below 1GHz:QP



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]							
61.456	32.3	QP	8.0	-21.7	18.6	332	400	Hori.	40.0	21.4	
61.455	42.1	QP	8.0	-21.7	28.4	180	100	Vert.	40.0	11.7	
245.765	39.8	QP	17.0	-19.4	37.4	50	130	Hori.	46.0	8.7	
245.765	37.4	QP	17.0	-19.4	35.0	235	100	Vert.	46.0	11.0	
294.926	40.4	QP	19.8	-19.0	41.2	75	117	Hori.	46.0	4.8	
294.919	40.2	QP	19.8	-19.0	41.0	28	215	Vert.	46.0	5.0	
307.265	37.1	QP	14.6	-19.1	32.6	253	100	Hori.	46.0	13.4	
307.215	37.8	QP	14.6	-19.1	33.3	90	158	Vert.	46.0	12.8	
491.532	35.6	QP	17.4	-19.5	33.5	61	175	Hori.	46.0	12.6	
491.534	36.0	QP	17.4	-19.5	33.9	142	100	Vert.	46.0	12.1	
958.481	29.0	QP	22.5	-16.8	34.7	81	100	Hori.	46.0	11.3	
958.478	26.3	QP	22.5	-16.8	32.0	151	100	Vert.	46.0	14.0	

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 round off to one or two decimal places, so some differences might be observed.

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Radiated Spurious Emission (below 1GHz)
ANT: B, Tx, Ch: Low

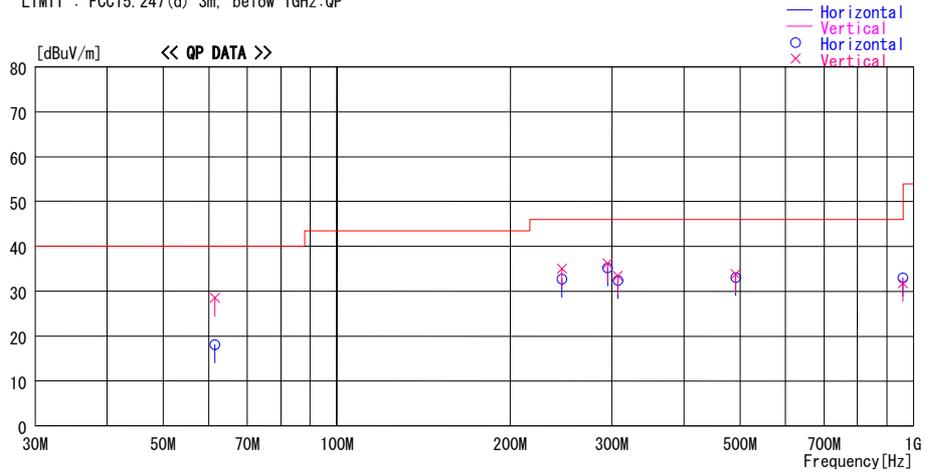
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2007/12/22

Company : Sony Corporation
 Kind of EUT : Wireless transceiver
 Model No. : EZW-RT10
 Serial No. : 3
 Report No. : 28CE0018-HO-01
 Power : DC 3.3V
 Temp./Humi. : 24 deg.C. / 46%
 Operator : Takumi Shimada

Mode / Remarks : Transmitting 2411.85MHz, ANT:B, Worst-axis H:X V:Y

LIMIT : FCC15.247(d) 3m, below 1GHz:QP



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]							
61.455	31.8	QP	8.0	-21.7	18.1	0	400	Hori.	40.0	21.9	
61.452	42.2	QP	8.0	-21.7	28.5	193	100	Vert.	40.0	11.5	
245.774	37.4	QP	17.0	-19.4	35.0	274	100	Vert.	46.0	11.0	
245.768	35.1	QP	17.0	-19.4	32.7	219	357	Hori.	46.0	13.3	
294.925	34.5	QP	19.8	-19.0	35.3	75	373	Hori.	46.0	10.7	
294.925	35.4	QP	19.8	-19.0	36.2	177	297	Vert.	46.0	9.8	
307.260	36.9	QP	14.6	-19.1	32.4	237	100	Hori.	46.0	13.6	
307.207	38.0	QP	14.6	-19.1	33.5	87	158	Vert.	46.0	12.5	
491.536	35.2	QP	17.4	-19.5	33.1	62	195	Hori.	46.0	12.9	
491.533	35.9	QP	17.4	-19.5	33.8	126	124	Vert.	46.0	12.2	
958.472	27.3	QP	22.5	-16.8	33.0	91	100	Hori.	46.0	13.0	
958.487	26.1	QP	22.5	-16.8	31.8	146	100	Vert.	46.0	14.2	

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 round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
ANT: B, Tx, Ch: Mid

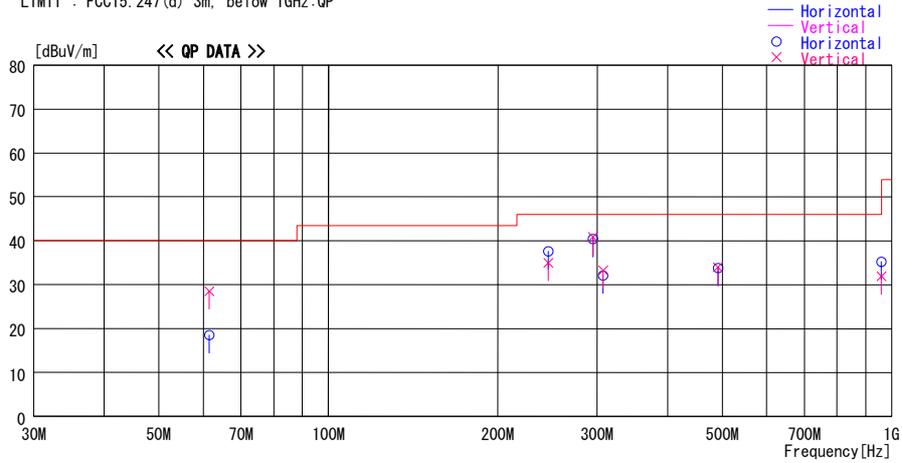
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/12/22

Company : Sony Corporation
Kind of EUT : Wireless transceiver
Model No. : EZW-RT10
Serial No. : 3
Report No. : 28CE0018-HO-01
Power : DC 3.3V
Temp./Humi. : 24 deg.C / 46%
Operator : Takumi Shimada

Mode / Remarks : Transmitting 2437.85MHz, ANT:B, Worst-axis H:X V:Y

LIMIT : FCC15.247(d) 3m, below 1GHz:QP



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss&Gain [dB]							
61.450	32.2	QP	8.0	-21.7	18.5	344	400	Hori.	40.0	21.5	
61.454	42.2	QP	8.0	-21.7	28.5	172	100	Vert.	40.0	11.5	
245.762	40.0	QP	17.0	-19.4	37.6	50	146	Hori.	46.0	8.4	
245.765	37.4	QP	17.0	-19.4	35.0	231	100	Vert.	46.0	11.0	
294.919	39.7	QP	19.8	-19.0	40.5	66	117	Hori.	46.0	5.5	
294.924	40.1	QP	19.8	-19.0	40.9	20	213	Vert.	46.0	5.2	
307.267	36.6	QP	14.6	-19.1	32.1	234	100	Hori.	46.0	13.9	
307.222	37.8	QP	14.6	-19.1	33.3	84	157	Vert.	46.0	12.8	
491.538	35.9	QP	17.4	-19.5	33.8	43	177	Hori.	46.0	12.2	
491.533	36.1	QP	17.4	-19.5	34.0	135	100	Vert.	46.0	12.0	
958.488	29.6	QP	22.5	-16.8	35.3	82	100	Hori.	46.0	10.7	
958.488	26.2	QP	22.5	-16.8	31.9	155	100	Vert.	46.0	14.1	

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 round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
ANT: B, Tx, Ch: High

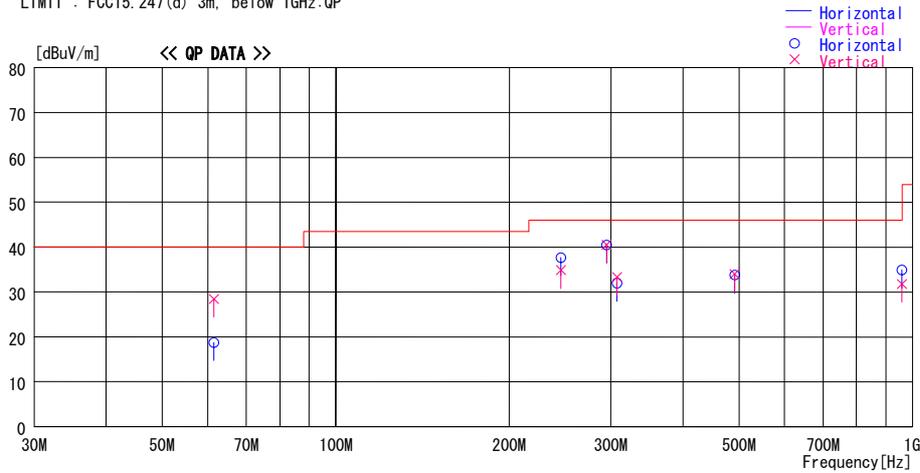
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/12/22

Company : Sony Corporation
Kind of EUT : Wireless transceiver
Model No. : EZW-RT10
Serial No. : 3
Report No. : 28CE0018-HO-01
Power : DC 3.3V
Temp./Humi. : 24 deg. C. / 46%
Operator : Takumi Shimada

Mode / Remarks : Transmitting 2463.85MHz, ANT:B, Worst-axis H:X V:Y

LIMIT : FCC15.247(d) 3m, below 1GHz:QP



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]							
61.446	32.4	QP	8.0	-21.7	18.7	335	400	Hori.	40.0	21.3	
61.460	42.2	QP	8.0	-21.7	28.5	180	100	Vert.	40.0	11.6	
245.772	40.0	QP	17.0	-19.4	37.6	59	136	Hori.	46.0	8.4	
245.766	37.3	QP	17.0	-19.4	34.9	237	100	Vert.	46.0	11.1	
294.927	39.7	QP	19.8	-19.0	40.5	65	122	Hori.	46.0	5.5	
294.927	39.7	QP	19.8	-19.0	40.5	17	209	Vert.	46.0	5.5	
307.267	36.5	QP	14.6	-19.1	32.0	249	100	Hori.	46.0	14.0	
307.208	37.9	QP	14.6	-19.1	33.4	91	163	Vert.	46.0	12.7	
491.535	35.9	QP	17.4	-19.5	33.8	64	170	Hori.	46.0	12.2	
491.534	36.1	QP	17.4	-19.5	34.0	140	100	Vert.	46.0	12.0	
958.488	29.2	QP	22.5	-16.8	34.9	72	100	Hori.	46.0	11.1	
958.488	26.1	QP	22.5	-16.8	31.8	158	100	Vert.	46.0	14.2	

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 round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
ANT: A, Rx, Ch: Mid

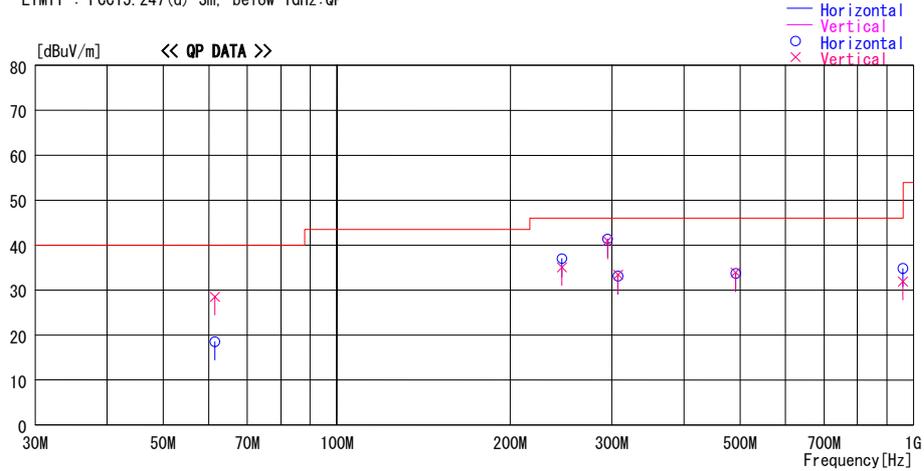
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
 Date : 2007/12/22

Company : Sony Corporation
 Kind of EUT : Wireless transceiver
 Model No. : EZW-RT10
 Serial No. : 3
 Report No. : 28CE0018-HO-01
 Power : DC 3.3V
 Temp./Humi. : 24 deg. C. / 46%
 Operator : Takumi Shimada

Mode / Remarks : Receiving 2437.85MHz, ANT:A, Worst-axis H:Y V:Z

LIMIT : FCC15.247(d) 3m, below 1GHz:QP



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]							
61.448	32.2	QP	8.0	-21.7	18.5	347	400	Hori.	40.0	21.5	
61.459	42.2	QP	8.0	-21.7	28.5	84	100	Vert.	40.0	11.5	
245.765	37.5	QP	17.0	-19.4	35.1	260	100	Vert.	46.0	11.0	
245.769	39.4	QP	17.0	-19.4	37.0	48	153	Hori.	46.0	9.0	
294.920	40.6	QP	19.8	-19.0	41.4	68	118	Hori.	46.0	4.6	
294.920	40.2	QP	19.8	-19.0	41.0	19	221	Vert.	46.0	5.0	
307.212	37.9	QP	14.6	-19.1	33.4	92	153	Vert.	46.0	12.6	
307.250	37.7	QP	14.6	-19.1	33.2	252	100	Hori.	46.0	12.8	
491.535	35.8	QP	17.4	-19.5	33.7	57	185	Hori.	46.0	12.3	
491.533	36.0	QP	17.4	-19.5	33.9	141	100	Vert.	46.0	12.1	
958.488	29.2	QP	22.5	-16.8	34.9	71	100	Hori.	46.0	11.2	
958.483	26.2	QP	22.5	-16.8	31.9	132	100	Vert.	46.0	14.1	

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 round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
ANT: B, Rx, Ch: Mid

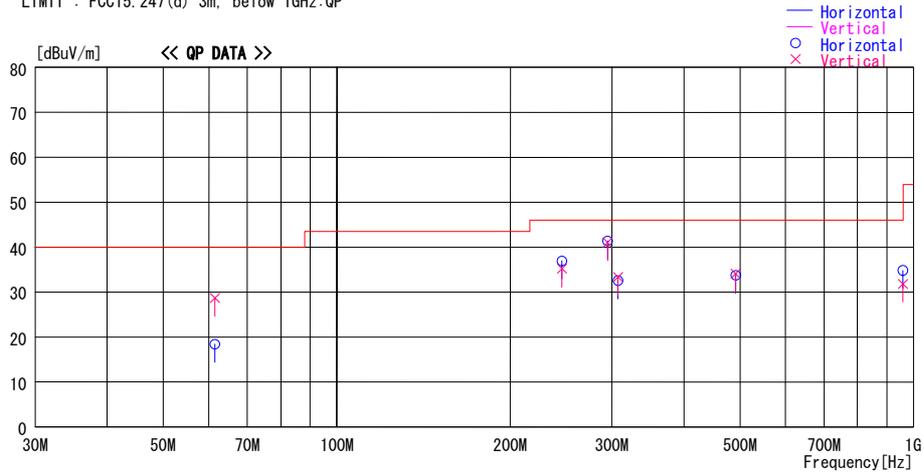
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
 Date : 2007/12/22

Company : Sony Corporation
 Kind of EUT : Wireless transceiver
 Model No. : EZW-RT10
 Serial No. : 3
 Report No. : 28CE0018-HO-01
 Power : DC 3.3V
 Temp./Humi. : 24 deg. C. / 46%
 Operator : Takumi Shimada

Mode / Remarks : Receiving 2437.85MHz, ANT:B, Worst-axis H:X V:Y

LIMIT : FCC15.247(d) 3m, below 1GHz:QP



Frequency [MHz]	Reading [dBUV]	DET	Antenna	Loss&	Level [dBUV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBUV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]							
61.450	32.2	QP	8.0	-21.7	18.5	348	400	Hori.	40.0	21.6	
61.457	42.4	QP	8.0	-21.7	28.7	185	100	Vert.	40.0	11.3	
245.773	39.3	QP	17.0	-19.4	36.9	41	152	Hori.	46.0	9.1	
245.777	37.6	QP	17.0	-19.4	35.2	262	100	Vert.	46.0	10.8	
294.923	40.6	QP	19.8	-19.0	41.4	57	115	Hori.	46.0	4.6	
294.925	40.2	QP	19.8	-19.0	41.0	11	204	Vert.	46.0	5.0	
307.210	37.9	QP	14.6	-19.1	33.4	90	152	Vert.	46.0	12.6	
307.268	37.1	QP	14.6	-19.1	32.6	245	100	Hori.	46.0	13.4	
491.542	35.9	QP	17.4	-19.5	33.8	56	182	Hori.	46.0	12.2	
491.533	36.1	QP	17.4	-19.5	34.0	137	100	Vert.	46.0	12.0	
958.491	29.1	QP	22.5	-16.8	34.8	79	100	Hori.	46.0	11.2	
958.491	26.1	QP	22.5	-16.8	31.8	148	100	Vert.	46.0	14.2	

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 round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (above 1GHz)
ANT: A, Tx, Ch: Low

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Sony Corporation	REPORT NO	: 28CE0018-HO-01
Equipment	: Wireless transceiver	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: EZW-RT10	TEST DISTANCE	: 3/1m
Sample No.	: 3	DATE	: 12/18/2007
Power	: DC 3.3V	TEMPERATURE	: 23deg.C
Mode	: Ant A Tx 2411.85MHz	HUMIDITY	: 35%
Remarks	: Hor Y , Ver Z-axis	ENGINEER	: Shinya Watanabe

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2257.8	53.3	60.1	26.9	32.4	3.7	0.0	51.5	58.3	73.9	22.4	15.6
2	2390.0	64.3	59.4	27.1	32.5	3.8	0.0	62.7	57.8	73.9	11.2	16.1
3	2400*	76.4	74.2	27.1	32.5	3.8	0.0	74.8	72.6	-	-	-
4	4823.7	48.4	47.3	31.3	31.4	5.4	0.7	54.4	53.3	73.9	19.5	20.6
5	6431.6	46.1	45.8	33.7	31.1	6.1	0.8	55.6	55.3	73.9	18.3	18.6
6	7235.6	41.5	43.2	35.8	31.0	6.1	0.6	53.0	54.7	73.9	20.9	19.2
7	9647.4	42.6	42.4	38.6	31.4	7.2	0.9	57.9	57.7	73.9	16.0	16.2
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12059.3	NS	NS	-	-	-	-	-	-	73.9	-	-
9	14471.1	NS	NS	-	-	-	-	-	-	73.9	-	-
10	16883.0	NS	NS	-	-	-	-	-	-	73.9	-	-
11	19294.8	NS	NS	-	-	-	-	-	-	73.9	-	-
12	21706.7	NS	NS	-	-	-	-	-	-	73.9	-	-
13	24118.5	45.5	45.8	40.7	30.0	11.0	0.0	57.7	58.0	73.9	16.2	15.9

AV DETECT (RBW: 1MHz, VBW: 430Hz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2257.8	39.4	43.3	26.9	32.4	3.7	0.0	37.6	41.5	53.9	16.3	12.4
2	2390.0	30.8	31.6	27.1	32.5	3.8	0.0	29.2	30.0	53.9	24.7	23.9
3	2400*	42.8	44.5	27.1	32.5	3.8	0.0	41.2	42.9	-	-	-
4	4823.7	33.5	32.0	31.3	31.4	5.4	0.7	39.5	38.0	53.9	14.4	15.9
5	6431.6	39.9	40.3	33.7	31.1	6.1	0.8	49.4	49.8	53.9	4.5	4.1
6	7235.6	28.5	28.5	35.8	31.0	6.1	0.6	40.0	40.0	53.9	13.9	13.9
7	9647.4	29.0	28.8	38.6	31.4	7.2	0.9	44.3	44.1	53.9	9.6	9.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12059.3	NS	NS	-	-	-	-	-	-	53.9	-	-
9	14471.1	NS	NS	-	-	-	-	-	-	53.9	-	-
10	16883.0	NS	NS	-	-	-	-	-	-	53.9	-	-
11	19294.8	NS	NS	-	-	-	-	-	-	53.9	-	-
12	21706.7	NS	NS	-	-	-	-	-	-	53.9	-	-
13	24118.5	33.1	33.0	40.7	30.0	11.0	0.0	45.3	45.2	53.9	8.6	8.7

* Reference data

20dBc(Fundamental 2411.85MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit 20dBc [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2411.9	103.0	99.5	27.1	32.5	3.9	0.0	101.5	98.0	-	-	-
3	2400.0	58.4	57.0	27.1	32.5	3.8	0.0	56.8	55.4	Funda-20dB	24.7	22.6

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*In the frequency over the fifth harmonic, the noise from the EUT was not seen. The data above is its base noise.

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

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

*NS : Non Signal

Radiated Spurious Emission (above 1GHz)
ANT: A, Tx, Ch: Mid

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Sony Corporation	REPORT NO	: 28CE0018-HO-01
Equipment	: Wireless transceiver	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: EZW-RT10	TEST DISTANCE	: 3/1m
Sample No.	: 3	DATE	: 12/18/2007
Power	: DC 3.3V	TEMPERATURE	: 23deg.C
Mode	: Ant A Tx 2437.85MHz	HUMIDITY	: 35%
Remarks	: Hor Y , Ver Z-axis	ENGINEER	: Shinya Watanabe

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2284.3	62.2	61.7	26.9	32.4	3.7	0.0	60.4	59.9	73.9	13.5	14.0
2	4875.7	48.3	51.2	31.4	31.4	5.4	0.7	54.4	57.3	73.9	19.5	16.6
3	6500.8	45.1	44.1	33.9	31.1	6.1	0.8	54.8	53.8	73.9	19.1	20.1
4	7313.6	43.6	43.5	35.9	31.0	6.2	0.6	55.3	55.2	73.9	18.6	18.7
5	9751.4	41.6	41.3	38.7	31.4	7.3	0.9	57.1	56.8	73.9	16.8	17.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12189.3	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14627.1	NS	NS	-	-	-	-	-	-	73.9	-	-
8	17065.0	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19502.8	NS	NS	-	-	-	-	-	-	73.9	-	-
10	21940.7	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24378.5	46.0	45.8	40.7	30.0	11.1	0.0	58.3	58.1	73.9	15.6	15.8

AV DETECT (RBW: 1MHz, VBW: 430Hz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2284.3	45.4	44.8	26.9	32.4	3.7	0.0	43.6	43.0	53.9	10.3	10.9
2	4875.7	33.3	35.6	31.4	31.4	5.4	0.7	39.4	41.7	53.9	14.5	12.2
3	6500.8	39.2	34.4	33.9	31.1	6.1	0.8	48.9	44.1	53.9	5.0	9.8
4	7313.6	30.1	30.1	35.9	31.0	6.2	0.6	41.8	41.8	53.9	12.1	12.1
5	9751.4	28.4	28.5	38.7	31.4	7.3	0.9	43.9	44.0	53.9	10.0	9.9
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12189.3	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14627.1	NS	NS	-	-	-	-	-	-	53.9	-	-
8	17065.0	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19502.8	NS	NS	-	-	-	-	-	-	53.9	-	-
10	21940.7	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24378.5	33.4	33.3	40.7	30.0	11.1	0.0	45.7	45.6	53.9	8.2	8.3

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.

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

*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

*NS :Non Signal

Radiated Spurious Emission (above 1GHz)
ANT: A, Tx, Ch: High

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Sony Corporation	REPORT NO	: 28CE0018-HO-01
Equipment	: Wireless transceiver	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: EZW-RT10	TEST DISTANCE	: 3/1m
Sample No.	: 3	DATE	: 12/18/2007
Power	: DC 3.3V	TEMPERATURE	: 23deg.C
Mode	: Ant A Tx 2463.85MHz	HUMIDITY	: 35%
Remarks	: Hor Y , Ver Z-axis	ENGINEER	: Shinya Watanabe

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2308.1	64.1	61.7	27.0	32.4	3.7	0.0	62.4	60.0	73.9	11.5	13.9
2	2483.5	74.9	68.9	27.2	32.5	3.9	0.0	73.5	67.5	73.9	0.4	6.4
3	4927.7	47.0	50.6	31.5	31.4	5.4	0.7	53.2	56.8	73.9	20.7	17.1
4	6570.3	44.8	44.1	34.1	31.1	6.1	0.8	54.7	54.0	73.9	19.2	19.9
5	7391.6	40.8	45.6	36.1	31.0	6.2	0.6	52.7	57.5	73.9	21.2	16.4
6	9855.4	41.9	42.2	38.8	31.4	7.3	0.9	57.5	57.8	73.9	16.4	16.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12319.3	NS	NS	-	-	-	-	-	-	73.9	-	-
8	14783.1	NS	NS	-	-	-	-	-	-	73.9	-	-
9	17247.0	NS	NS	-	-	-	-	-	-	73.9	-	-
10	19710.8	NS	NS	-	-	-	-	-	-	73.9	-	-
11	22174.7	NS	NS	-	-	-	-	-	-	73.9	-	-
12	24638.5	45.5	45.3	40.8	30.1	11.3	0.0	58.0	57.8	73.9	15.9	16.1

AV DETECT (RBW: 1MHz, VBW: 430Hz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2308.1	46.3	45.1	27.0	32.4	3.7	0.0	44.6	43.4	53.9	9.3	10.5
2	2483.5	37.8	34.0	27.2	32.5	3.9	0.0	36.4	32.6	53.9	17.5	21.3
3	4927.7	32.8	35.1	31.5	31.4	5.4	0.7	39.0	41.3	53.9	14.9	12.6
4	6570.3	35.4	33.5	34.1	31.1	6.1	0.8	45.3	43.4	53.9	8.6	10.5
5	7391.6	28.0	31.1	36.1	31.0	6.2	0.6	39.9	43.0	53.9	14.0	10.9
6	9855.4	28.1	28.7	38.8	31.4	7.3	0.9	43.7	44.3	53.9	10.2	9.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12319.3	NS	NS	-	-	-	-	-	-	53.9	-	-
8	14783.1	NS	NS	-	-	-	-	-	-	53.9	-	-
9	17247.0	NS	NS	-	-	-	-	-	-	53.9	-	-
10	19710.8	NS	NS	-	-	-	-	-	-	53.9	-	-
11	22174.7	NS	NS	-	-	-	-	-	-	53.9	-	-
12	24638.5	33.1	33.0	40.8	30.1	11.3	0.0	45.6	45.5	53.9	8.3	8.4

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*In the frequency over the fifth harmonic, the noise from the EUT was not seen. The data above is its base noise.

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

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

*NS : Non Signal

Radiated Spurious Emission (above 1GHz)
ANT: B, Tx, Ch: Low

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Sony Corporation	REPORT NO	: 28CE0018-HO-01
Equipment	: Wireless transceiver	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: EZW-RT10	TEST DISTANCE	: 3/1m
Sample No.	: 3	DATE	: 12/18/2007
Power	: DC 3.3V	TEMPERATURE	: 23deg.C
Mode	: Ant B Tx 2411.85MHz	HUMIDITY	: 35%
Remarks	: Hor X , Ver Y-axis	ENGINEER	: Shinya Watanabe

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2255.8	57.4	56.8	26.9	32.4	3.7	0.0	55.6	55.0	73.9	18.3	18.9
2	2390.0	66.8	60.8	27.1	32.5	3.8	0.0	65.2	59.2	73.9	8.7	14.7
3	2400*	79.0	70.1	27.1	32.5	3.8	0.0	77.4	68.5	-	-	-
4	4823.7	51.1	52.1	31.3	31.4	5.4	0.7	57.1	58.1	73.9	16.8	15.8
5	6431.6	44.4	44.5	33.7	31.1	6.1	0.8	53.9	54.0	73.9	20.0	19.9
6	7235.6	44.3	41.5	35.8	31.0	6.1	0.6	55.8	53.0	73.9	18.1	20.9
7	9647.4	42.8	42.3	38.6	31.4	7.2	0.9	58.1	57.6	73.9	15.8	16.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12059.3	NS	NS	-	-	-	-	-	-	73.9	-	-
9	14471.1	NS	NS	-	-	-	-	-	-	73.9	-	-
10	16883.0	NS	NS	-	-	-	-	-	-	73.9	-	-
11	19294.8	NS	NS	-	-	-	-	-	-	73.9	-	-
12	21706.7	NS	NS	-	-	-	-	-	-	73.9	-	-
13	24118.5	45.6	45.8	40.7	30.0	11.0	0.0	57.8	58.0	73.9	16.1	15.9

AV DETECT (RBW: 1MHz, VBW: 430Hz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2255.8	34.0	40.8	26.9	32.4	3.7	0.0	32.2	39.0	53.9	21.7	14.9
2	2390.0	33.2	31.5	27.1	32.5	3.8	0.0	31.6	29.9	53.9	22.3	24.0
3	2400*	47.5	43.9	27.1	32.5	3.8	0.0	45.9	42.3	-	-	-
4	4823.7	35.3	36.2	31.3	31.4	5.4	0.7	41.3	42.2	53.9	12.6	11.7
5	6431.6	35.8	35.6	33.7	31.1	6.1	0.8	45.3	45.1	53.9	8.6	8.8
6	7235.6	31.0	28.5	35.8	31.0	6.1	0.6	42.5	40.0	53.9	11.4	13.9
7	9647.4	28.7	29.3	38.6	31.4	7.2	0.9	44.0	44.6	53.9	9.9	9.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12059.3	NS	NS	-	-	-	-	-	-	53.9	-	-
9	14471.1	NS	NS	-	-	-	-	-	-	53.9	-	-
10	16883.0	NS	NS	-	-	-	-	-	-	53.9	-	-
11	19294.8	NS	NS	-	-	-	-	-	-	53.9	-	-
12	21706.7	NS	NS	-	-	-	-	-	-	53.9	-	-
13	24118.5	33.1	33.1	40.7	30.0	11.0	0.0	45.3	45.3	53.9	8.6	8.6

* Reference data

20dBc(Fundamental 2411.85MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit 20dBc [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2411.9	93.9	88.0	27.1	32.5	3.9	0.0	92.4	86.5	-	-	-
3	2400.0	60.8	52.8	27.1	32.5	3.8	0.0	59.2	51.2	Funda-20dB	13.2	15.3

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*In the frequency over the fifth harmonic, the noise from the EUT was not seen. The data above is its base noise.

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

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

*NS : Non Signal

Radiated Spurious Emission (above 1GHz)
ANT: B, Tx, Ch: Mid

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Sony Corporation	REPORT NO	: 28CE0018-HO-01
Equipment	: Wireless transceiver	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: EZW-RT10	TEST DISTANCE	: 3/1m
Sample No.	: 3	DATE	: 12/18/2007
Power	: DC 3.3V	TEMPERATURE	: 23deg.C
Mode	: Ant B Tx 2437.85MHz	HUMIDITY	: 35%
Remarks	: Hor X , Ver Y-axis	ENGINEER	: Shinya Watanabe

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor + Amp Gain + Cable Loss + Filter Loss												
1	2281.9	61.8	57.5	26.9	32.4	3.7	0.0	60.0	55.7	73.9	13.9	18.2
2	4875.7	48.1	48.5	31.4	31.4	5.4	0.7	54.2	54.6	73.9	19.7	19.3
3	6500.9	45.1	44.3	33.9	31.1	6.1	0.8	54.8	54.0	73.9	19.1	19.9
4	7313.6	41.7	41.6	35.9	31.0	6.2	0.6	53.4	53.3	73.9	20.5	20.6
5	9751.4	41.4	41.3	38.7	31.4	7.3	0.9	56.9	56.8	73.9	17.0	17.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12189.3	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14627.1	NS	NS	-	-	-	-	-	-	73.9	-	-
8	17065.0	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19502.8	NS	NS	-	-	-	-	-	-	73.9	-	-
10	21940.7	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24378.5	45.8	45.9	40.7	30.0	11.1	0.0	58.1	58.2	73.9	15.8	15.7

AV DETECT (RBW: 1MHz, VBW: 430Hz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2281.9	44.6	41.5	26.9	32.4	3.7	0.0	42.8	39.7	53.9	11.1	14.2
2	4875.7	33.5	33.5	31.4	31.4	5.4	0.7	39.6	39.6	53.9	14.3	14.3
3	6500.9	38.5	35.8	33.9	31.1	6.1	0.8	48.2	45.5	53.9	5.7	8.4
4	7313.6	28.1	27.9	35.9	31.0	6.2	0.6	39.8	39.6	53.9	14.1	14.3
5	9751.4	28.5	28.7	38.7	31.4	7.3	0.9	44.0	44.2	53.9	9.9	9.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12189.3	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14627.1	NS	NS	-	-	-	-	-	-	53.9	-	-
8	17065.0	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19502.8	NS	NS	-	-	-	-	-	-	53.9	-	-
10	21940.7	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24378.5	33.3	33.3	40.7	30.0	11.1	0.0	45.6	45.6	53.9	8.3	8.3

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*In the frequency over the fifth harmonic, the noise from the EUT was not seen. The data above is its base noise.

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

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

*NS : Non Signal

Radiated Spurious Emission (above 1GHz)
ANT: B, Tx, Ch: High

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Sony Corporation	REPORT NO	: 28CE0018-HO-01
Equipment	: Wireless transceiver	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: EZW-RT10	TEST DISTANCE	: 3/1m
Sample No.	: 3	DATE	: 12/18/2007
Power	: DC 3.3V	TEMPERATURE	: 23deg.C
Mode	: Ant B Tx 2463.85MHz	HUMIDITY	: 35%
Remarks	: Hor X , Ver Y-axis	ENGINEER	: Shinya Watanabe

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]		[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2307.8	59.9	55.9	27.0	32.4	3.7	0.0	58.2	54.2	73.9	15.7	19.7
2	2483.5	68.3	65.0	27.2	32.5	3.9	0.0	66.9	63.6	73.9	7.0	10.3
3	4927.7	46.7	46.4	31.5	31.4	5.4	0.7	52.9	52.6	73.9	21.0	21.3
4	6570.2	46.3	43.6	34.1	31.1	6.1	0.8	56.2	53.5	73.9	17.7	20.4
5	7391.6	41.5	41.3	36.1	31.0	6.2	0.6	53.4	53.2	73.9	20.5	20.7
6	9855.4	42.0	41.8	38.8	31.4	7.3	0.9	57.6	57.4	73.9	16.3	16.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12319.3	NS	NS	-	-	-	-	-	-	73.9	-	-
8	14783.1	NS	NS	-	-	-	-	-	-	73.9	-	-
9	17247.0	NS	NS	-	-	-	-	-	-	73.9	-	-
10	19710.8	NS	NS	-	-	-	-	-	-	73.9	-	-
11	22174.7	NS	NS	-	-	-	-	-	-	73.9	-	-
12	24638.5	45.5	45.4	40.8	30.1	11.3	0.0	58.0	57.9	73.9	15.9	16.0

AV DETECT (RBW: 1MHz, VBW: 430Hz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]		[dB]		
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2307.8	43.3	40.5	27.0	32.4	3.7	0.0	41.6	38.8	53.9	12.3	15.1
2	2483.5	31.9	32.1	27.2	32.5	3.9	0.0	30.5	30.7	53.9	23.4	23.2
3	4927.7	33.0	32.3	31.5	31.4	5.4	0.7	39.2	38.5	53.9	14.7	15.4
4	6570.2	40.2	34.4	34.1	31.1	6.1	0.8	50.1	44.3	53.9	3.8	9.6
5	7391.6	28.2	28.0	36.1	31.0	6.2	0.6	40.1	39.9	53.9	13.8	14.0
6	9855.4	29.0	29.0	38.8	31.4	7.3	0.9	44.6	44.6	53.9	9.3	9.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12319.3	NS	NS	-	-	-	-	-	-	53.9	-	-
8	14783.1	NS	NS	-	-	-	-	-	-	53.9	-	-
9	17247.0	NS	NS	-	-	-	-	-	-	53.9	-	-
10	19710.8	NS	NS	-	-	-	-	-	-	53.9	-	-
11	22174.7	NS	NS	-	-	-	-	-	-	53.9	-	-
12	24638.5	33.2	33.1	40.8	30.1	11.3	0.0	45.7	45.6	53.9	8.2	8.3

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*In the frequency over the fifth harmonic, the noise from the EUT was not seen. The data above is its base noise.

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

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

*NS : Non Signal

Radiated Spurious Emission (above 1GHz)
ANT: A, Rx, Ch: Mid

UL Japan, Inc.
 Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company : Sony Corporation Equipment : Wireless transceiver Model : EZW-RT10 Sample No. : 3 Power : DC 3.3V Mode : Ant A Rx 2437.85MHz Remarks : Hor Y , Ver Z-axis	REPORT NO : 28CE0018-HO-01 REGULATION : FCC15.247(d)/RSS-210A8.5 TEST DISTANCE : 3m DATE : 12/18/2007 TEMPERATURE : 23deg.C HUMIDITY : 35% ENGINEER : Shinya Watanabe
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PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2437.9	42.8	42.6	27.2	32.5	3.9	0.0	41.4	41.2	73.9	32.5	32.7
2	3250.4	44.5	45.6	28.7	32.0	4.5	0.0	45.7	46.8	73.9	28.2	27.1
3	6500.8	46.5	44.6	33.9	31.1	5.7	0.0	55.0	53.1	73.9	18.9	20.8

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2437.9	29.3	29.1	27.2	32.5	3.9	0.0	27.9	27.7	53.9	26.0	26.2
2	3250.4	34.8	37.6	28.7	32.0	4.5	0.0	36.0	38.8	53.9	17.9	15.1
3	6500.8	40.9	36.6	33.9	31.1	5.7	0.0	49.4	45.1	53.9	4.5	8.8

*Except for the above table : All other spurious emissions were less than 20dB for the limit.
 *The test result is round off to one or two decimal places, so some differences might be observed.
 *Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)
ANT: B, Rx, Ch: Mid

UL Japan, Inc.
 Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company : Sony Corporation	REPORT NO : 28CE0018-HO-01
Equipment : Wireless transceiver	REGULATION : FCC15.247(d)/RSS-210A8.5
Model : EZW-RT10	TEST DISTANCE : 3m
Sample No. : 3	DATE : 12/18/2007
Power : DC 3.3V	TEMPERATURE : 23deg.C
Mode : Ant B Rx 2437.85MHz	HUMIDITY : 35%
Remarks : Hor X , Ver Y-axis	ENGINEER : Shinya Watanabe

PK DETECT (RBW: 1MHz, VBW: 1MHz)

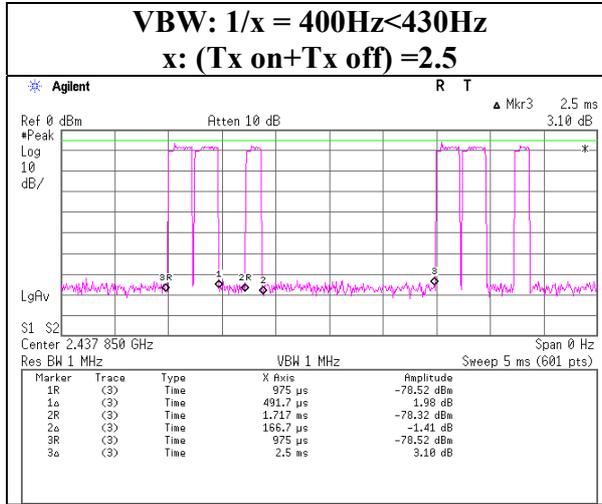
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN			
		HOR	VER					HOR	VER		HOR	VER		
		[dBuV]		Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss										
1	2437.9	42.5	42.2	27.2	32.5	3.9	0.0	41.1	40.8	73.9	32.8	33.1		
2	3250.4	43.8	46.0	28.7	32.0	4.5	0.0	45.0	47.2	73.9	28.9	26.7		
3	6500.9	46.4	44.3	33.9	31.1	5.7	0.0	54.9	52.8	73.9	19.0	21.1		

AV DETECT (RBW: 1MHz, VBW: 10Hz)

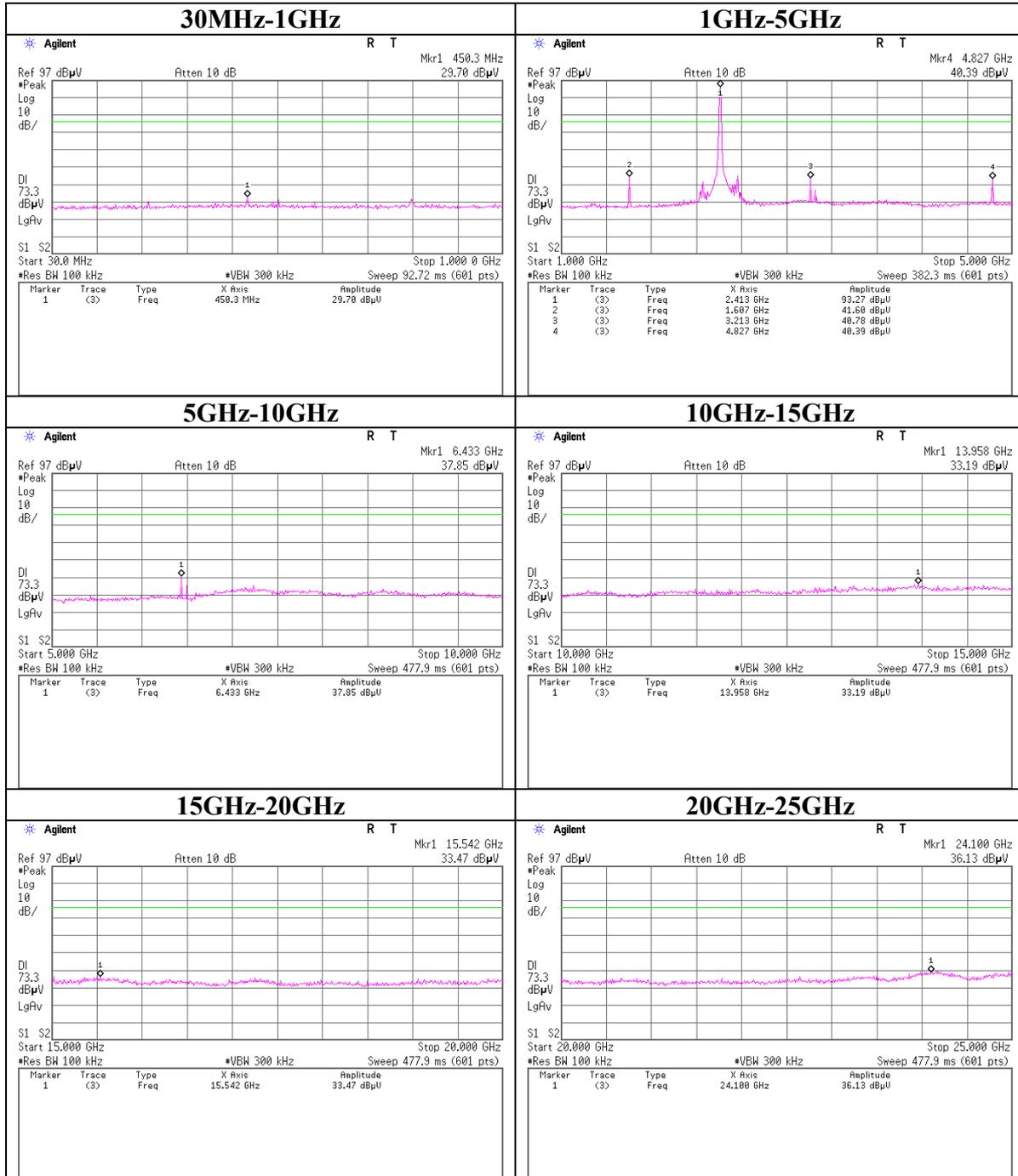
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN			
		HOR	VER					HOR	VER		HOR	VER		
		[dBuV]		Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss										
1	2437.9	29.2	29.1	27.2	32.5	3.9	0.0	27.8	27.7	53.9	26.1	26.2		
2	3250.4	32.7	38.3	28.7	32.0	4.5	0.0	33.9	39.5	53.9	20.0	14.4		
3	6500.9	40.9	35.2	33.9	31.1	5.7	0.0	49.4	43.7	53.9	4.5	10.2		

*Except for the above table : All other spurious emissions were less than 20dB for the limit.
 *The test result is round off to one or two decimal places, so some differences might be observed.
 *Hi-Pass Fiter was not used for factor 0.0dB of the above table.

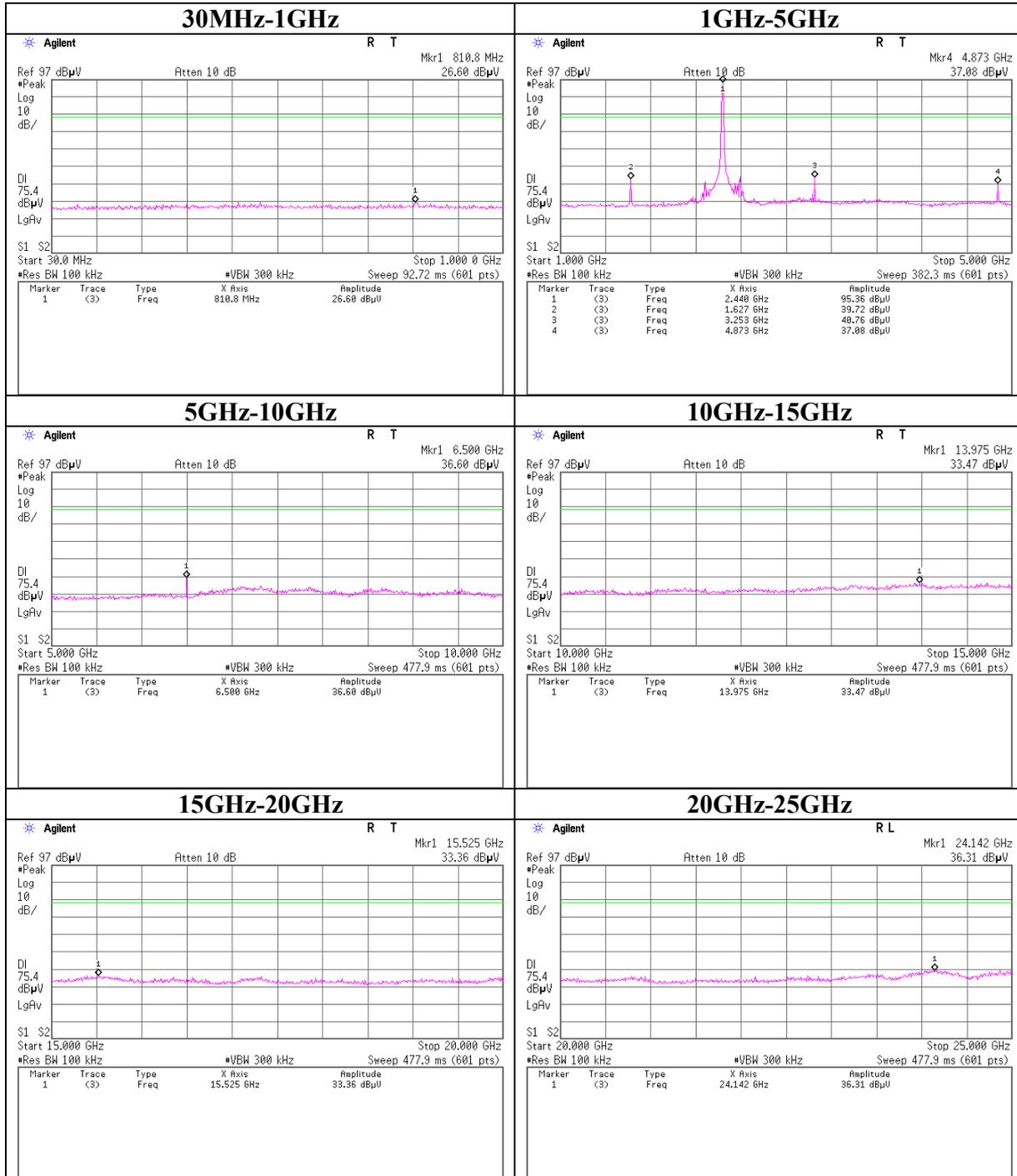
VBW (AV) Calculation



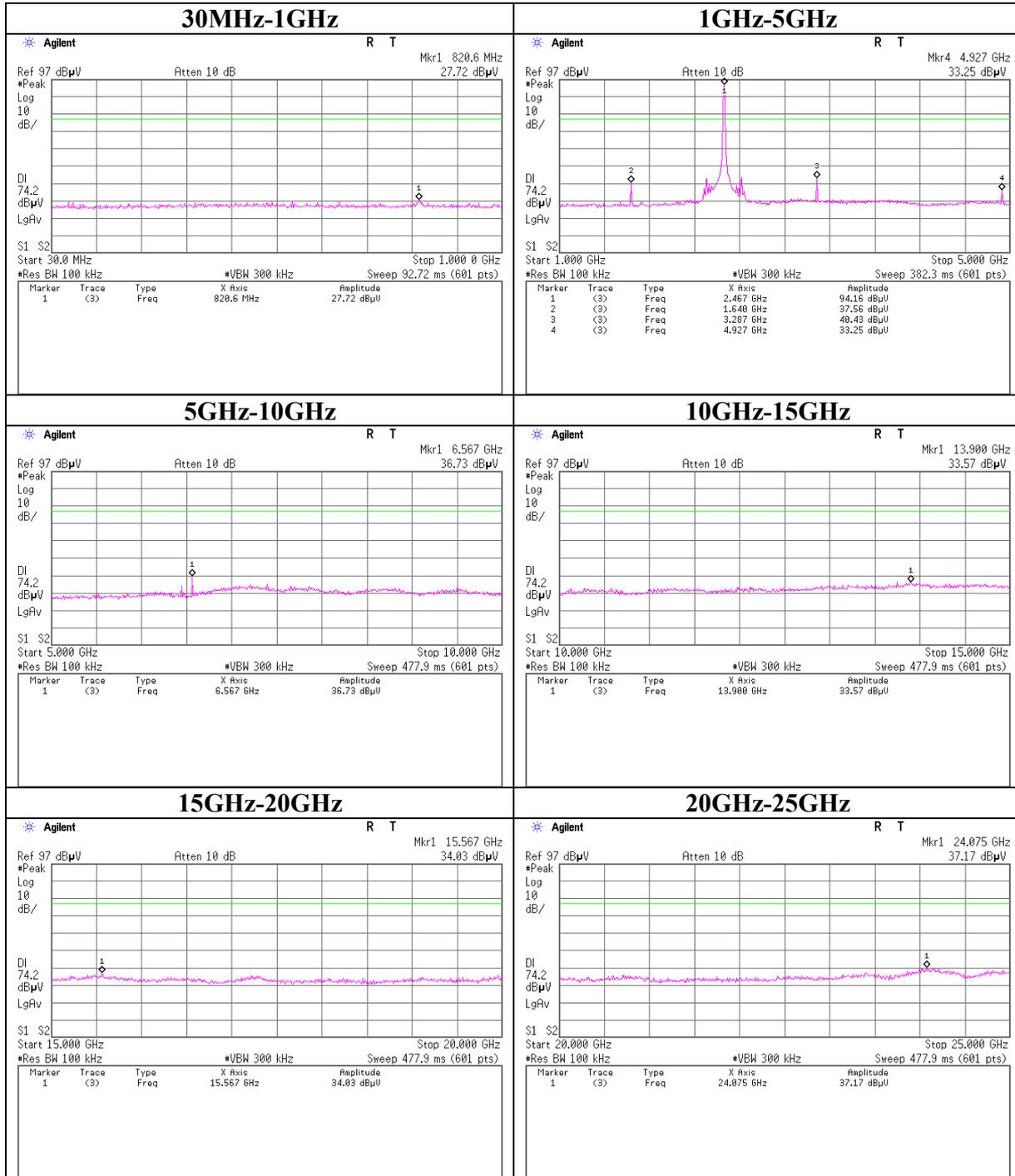
Conducted Spurious Emission
Tx, Ch: Low



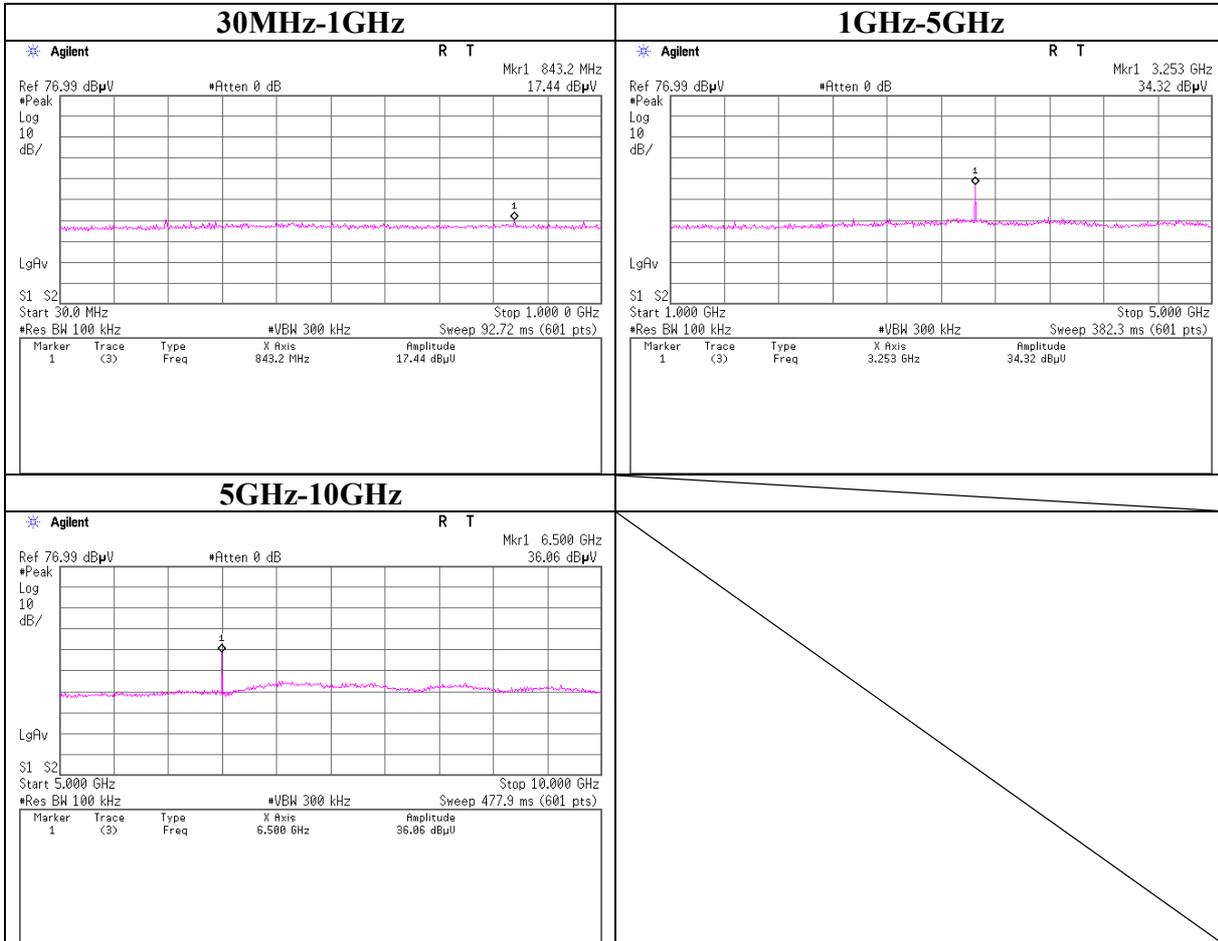
Conducted Spurious Emission
Tx, Ch: Mid



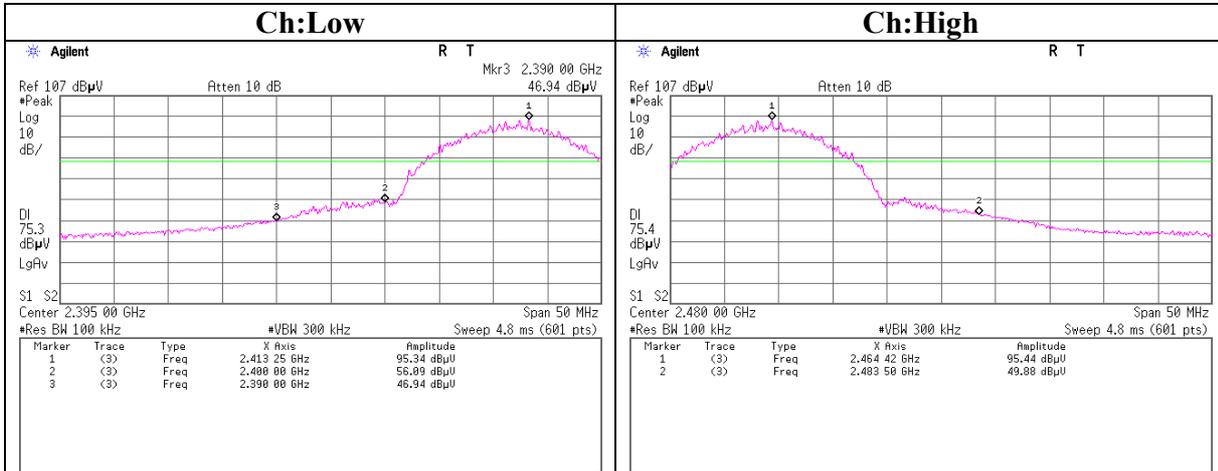
Conducted Spurious Emission
Tx, Ch: High



Conducted Spurious Emission
Rx, Ch: Mid



Conducted emission Band Edge compliance



Power Density

UL Japan, Inc.
Head Office EMC Lab. No.6 measurement room

Company : Sony Corporation
Equipment : Wireless transceiver
Model No. : EZW-RT10
Serial No. : 2
Power : DC 3.3V
Mode : Tx (Ch L, M, H) ANT: A

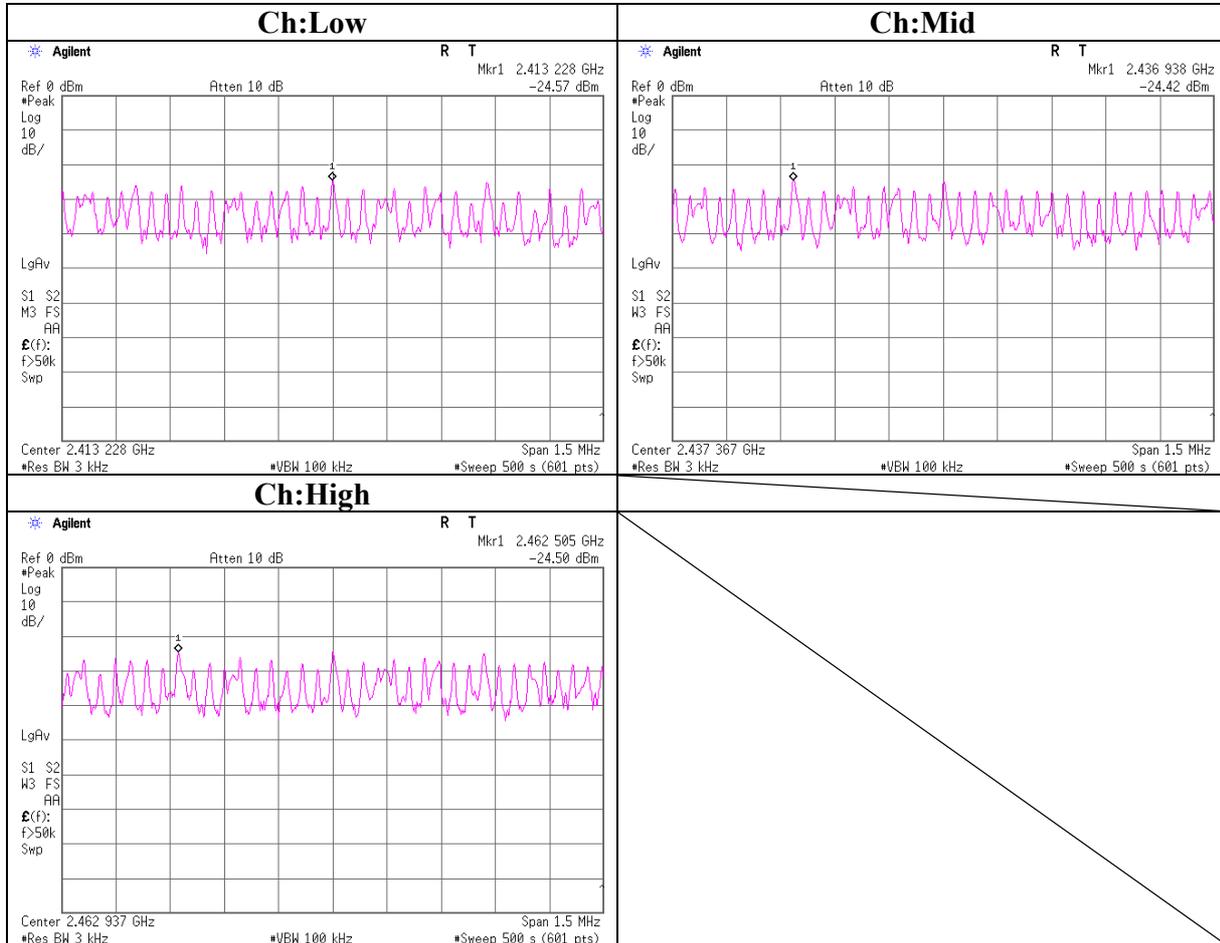
Test Report No. : 28CE0018-HO-01
Regulation : FCC15.247(e)/RSS-210A8.2(b)
Test distance : -
Date : 12/19/2007
Temperature : 21deg.C.
Humidity : 47%
Engineer : Takahiro Hatakeda

Ch	Freq. [MHz]	Reading [dBm]	Cable [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2413.23	-24.57	2.1	10.1	-12.4	8.0	20.4
Mid	2436.94	-24.42	2.1	10.1	-12.3	8.0	20.3
High	2462.51	-24.50	2.1	10.1	-12.3	8.0	20.3

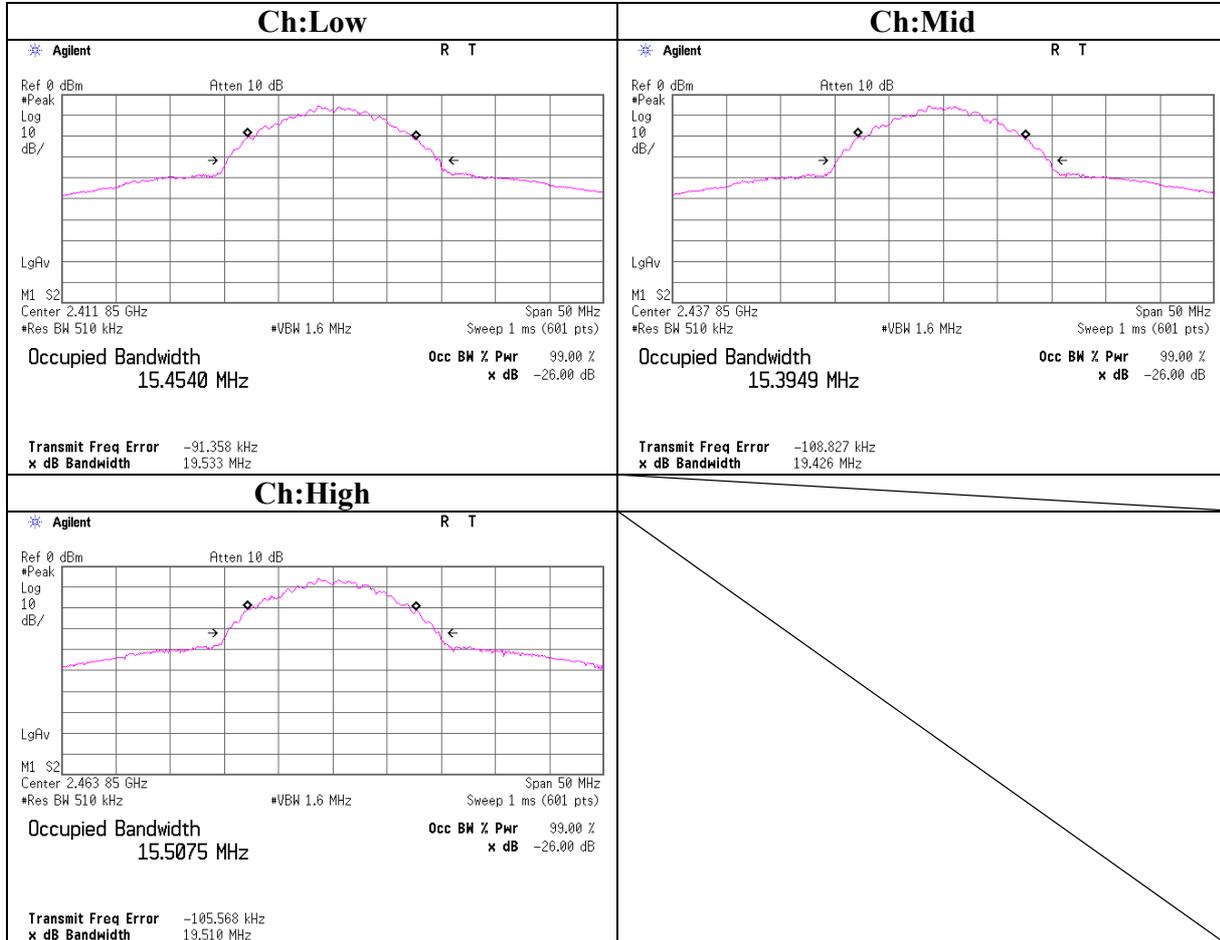
Sample Calculation:

Result = Reading + Cable Loss (including customer's cable) + Attenuator

Power Density



99% Occupied Bandwidth



APPENDIX 3:Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-01	Anechoic Chamber	TDK	Semi Anechoic Chamber 10m	CE	2007/11/23 * 12
MLS-02	LISN(AMN)	Schwarzbeck	NSLK8127	CE(EUT)	2007/06/29 * 12
MCC-03	Coaxial Cable	Fujikura/Suhner/Agilent/TSJ	-	CE	2006/12/28 * 12
MTR-01	Test Receiver	Rohde & Schwarz	ESI40	CE	2007/10/19 * 12
MOS-01	Digital Humidity Indicator	N.T	NT-1800	CE	2007/11/12 * 12
MJM-01	Measure	KDS	ES19-55	CE	-
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2007/04/02 * 12
MHA-06	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2007/01/30 * 12
MCC-16	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	RE	2007/02/22 * 12
MCC-47	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2007/08/28 * 12
MPA-10	Pre Amplifier	Agilent	8449B	RE	2007/09/27 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	RE	2007/06/20 * 12
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE/CE	-
MJM-05	Measure	PROMART	SEN1955	RE	-
MOS-02	Digital Humidity Indicator	N.T	NT-1800	RE	2007/11/12 * 12
MHF-18	High Pass Filter 3.5-18.0GHz	TOKIMEC	TF323DCA	RE	2007/12/10 * 12
MCC-25	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2007/08/27 * 12
MHA-02	Horn Antenna	EMCO	3160-09	RE	2007/01/30 * 12
MBA-02	Biconical Antenna	Schwarzbeck	BBA9106	RE	2007/10/21 * 12
MLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2007/10/21 * 12
MAT-07	Attenuator(6dB)	Weinschel Corp	2	RE	2007/11/13 * 12
MTR-03	Test Receiver	Rohde & Schwarz	ESCI	RE	2007/03/01 * 12
MPA-09	Pre Amplifier	Agilent	8447D	RE	2007/09/13 * 12
MCC-12	Coaxial Cable	Fujikura/Agilent	-	RE	2007/02/27 * 12
MOS-14	Thermo-Hygrometer	Custom	CTH-180	AT	2006/01/19 * 24
MCC-65	Microwave Cable 1G-40GHz	Schner	SUCOFLEX102	AT	2007/04/03 * 12
MAT-25	Attenuator(10dB)(above 1GHz)	Agilent	8493C	AT	2007/06/28 * 12
MRENT-62	Spectrum Analyzer	Agilent	E4448A	AT	2007/11/27 * 12
MPM-09	Power Meter	Anritsu	ML2495A	AT	2007/09/22 * 12
MPSE-12	Power sensor	Anritsu	MA2411B	AT	2007/09/22 * 12

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Test report No. : 28CE0018-HO-01-A-R1
Page : 53 of 53
Issued date : January 16, 2008
Revised date : January 30, 2008
FCC ID : AK8A1368101A

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

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