

**APPENDIX 2: Data of EMI test**

**Conducted Emission**  
**ANT: A, Tx, Ch: Low**

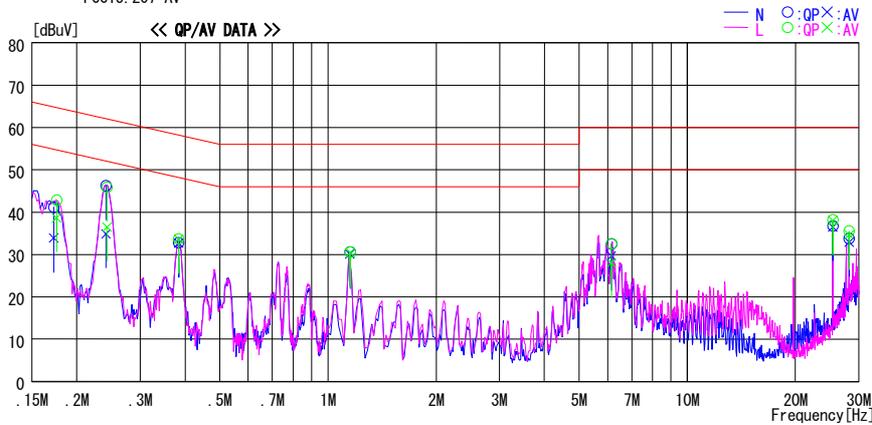
**DATA OF CONDUCTED EMISSION TEST**

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

Company : Sony Corporation  
Kind of EUT : Wireless transmitter  
Model No. : EZW-T100  
Serial No. : 1  
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]		
0.17258	41.0	33.7	0.2	41.2	33.9	64.8	54.8	23.6	20.9	N	
0.24111	46.0	34.7	0.2	46.2	34.9	62.1	52.1	15.9	17.2	N	
0.38392	32.5	32.4	0.3	32.6	32.7	58.2	48.2	25.4	15.5	N	
1.15143	30.1	29.6	0.5	30.6	30.1	56.0	46.0	25.4	15.9	N	
6.14445	31.4	28.5	1.1	32.5	29.6	60.0	50.0	27.5	20.4	N	
25.40168	34.1	33.8	2.7	36.8	36.5	60.0	50.0	23.2	13.5	N	
28.22282	31.1	30.2	2.7	33.8	32.9	60.0	50.0	26.2	17.1	N	
0.17564	42.6	38.5	0.2	42.8	38.7	64.7	54.7	21.9	16.0	L	
0.24261	45.7	36.3	0.2	45.9	36.5	62.0	52.0	16.1	15.5	L	
0.38417	33.4	33.3	0.3	33.7	33.6	58.2	48.2	24.5	14.6	L	
1.15259	30.1	29.9	0.5	30.6	30.4	56.0	46.0	25.4	15.6	L	
6.14468	31.5	26.9	1.1	32.6	28.0	60.0	50.0	27.4	22.0	L	
25.40182	35.5	35.3	2.7	38.2	38.0	60.0	50.0	21.8	12.0	L	
28.22412	32.9	31.9	2.7	35.6	34.6	60.0	50.0	24.4	15.4	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 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 transmitter	Power	: DC 3.3V
Model No.	: EZW-T100	Temp./Humi.	: 20deg. C / 32%
Serial No.	: 1	Operator	: Kazufumi Nakai

Mode / Remarks : Transmitting 2437.85MHz, ANT:A

LIMIT : FCC15.207 QP  
FCC15.207 AV

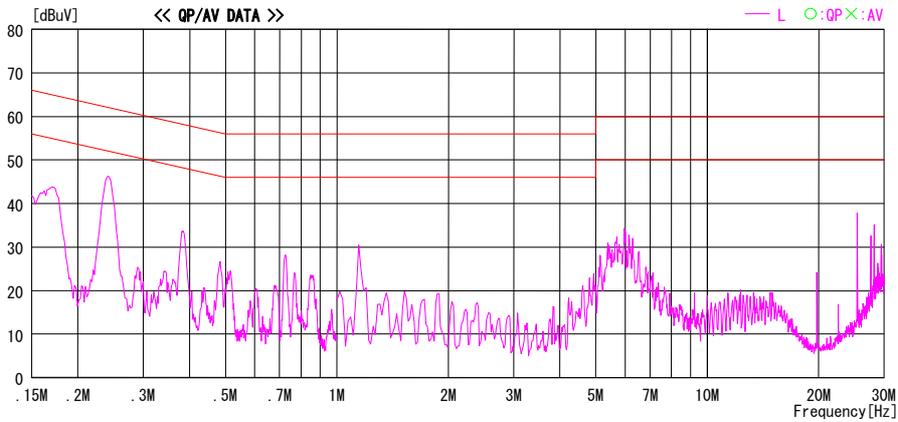
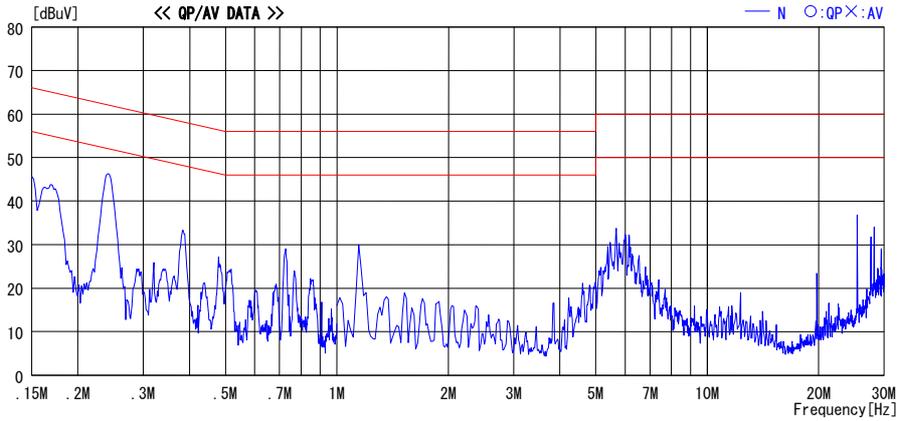


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (LISN LOSS+CABLE LOSS)  
 Except for the above table : adequate margin data below the limits.

**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 transmitter	Power	: DC 3.3V
Model No.	: EZW-T100	Temp./Humi.	: 20deg. C / 32%
Serial No.	: 1	Operator	: Kazufumi Nakai

Mode / Remarks : Transmitting 2463.85MHz, ANT:A

LIMIT : FCC15.207 QP  
 FCC15.207 AV

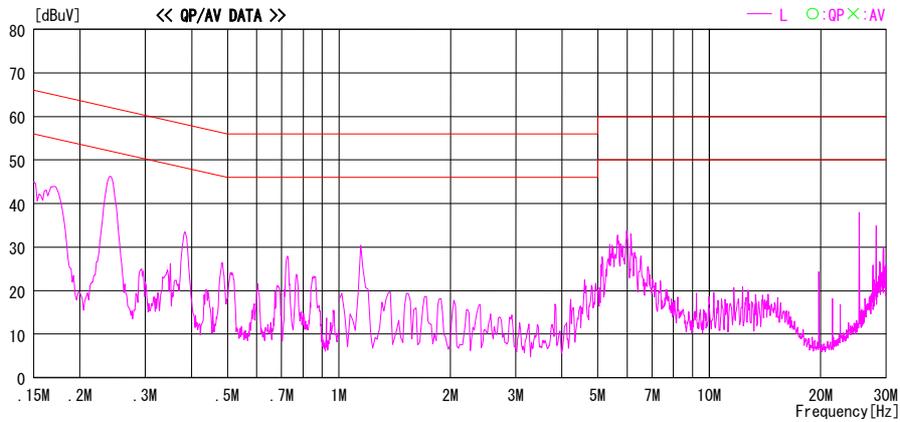
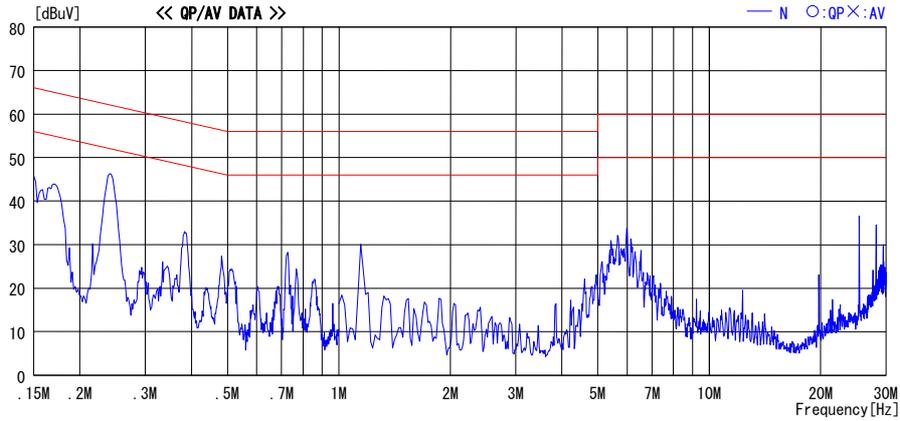


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (LISN LOSS+CABLE LOSS)  
 Except for the above table : adequate margin data below the limits.

**Conducted Emission**  
**ANT: B, Tx, Ch: Low**

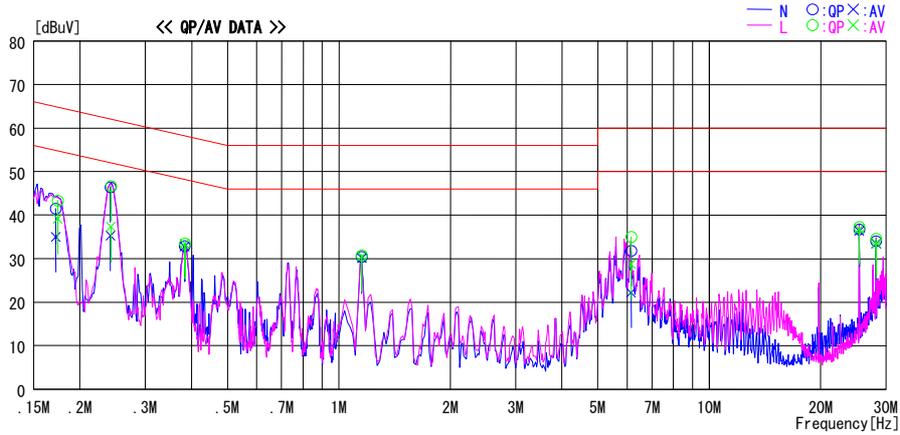
**DATA OF CONDUCTED EMISSION TEST**

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

Company : Sony Corporation  
Kind of EUT : Wireless transmitter  
Model No. : EZW-T100  
Serial No. : 1  
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 [dB]	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.17204	41.3	34.8	0.2	41.5	35.0	64.9	54.9	23.4	19.9	N	
0.24171	46.2	35.1	0.2	46.4	35.3	62.0	52.0	15.6	16.7	N	
0.38297	32.6	32.5	0.3	32.9	32.8	58.2	48.2	25.3	15.4	N	
1.15249	29.9	29.6	0.5	30.4	30.1	56.0	46.0	25.6	15.9	N	
6.14937	30.7	21.1	1.1	31.8	22.2	60.0	50.0	28.2	27.8	N	
25.40079	34.0	33.6	2.7	36.7	36.3	60.0	50.0	23.3	13.7	N	
28.22410	31.3	30.7	2.7	34.0	33.4	60.0	50.0	26.0	16.6	N	
0.17414	43.1	39.0	0.2	43.3	39.2	64.8	54.8	21.5	15.6	L	
0.24240	46.5	37.1	0.2	46.7	37.3	62.0	52.0	15.3	14.7	L	
0.38378	33.2	33.1	0.3	33.5	33.4	58.2	48.2	24.7	14.8	L	
1.15213	30.3	30.0	0.5	30.8	30.5	56.0	46.0	25.2	15.5	L	
6.14410	33.9	27.6	1.1	35.0	28.7	60.0	50.0	25.0	21.3	L	
25.40355	34.6	34.0	2.7	37.3	36.7	60.0	50.0	22.7	13.3	L	
28.22557	31.9	30.9	2.7	34.6	33.6	60.0	50.0	25.4	16.4	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 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 transmitter	Power	: DC 3.3V
Model No.	: EZW-T100	Temp./Humi.	: 20deg. C / 32%
Serial No.	: 1	Operator	: Kazufumi Nakai

Mode / Remarks : Transmitting 2437.85MHz, ANT:B

LIMIT : FCC15.207 QP  
FCC15.207 AV

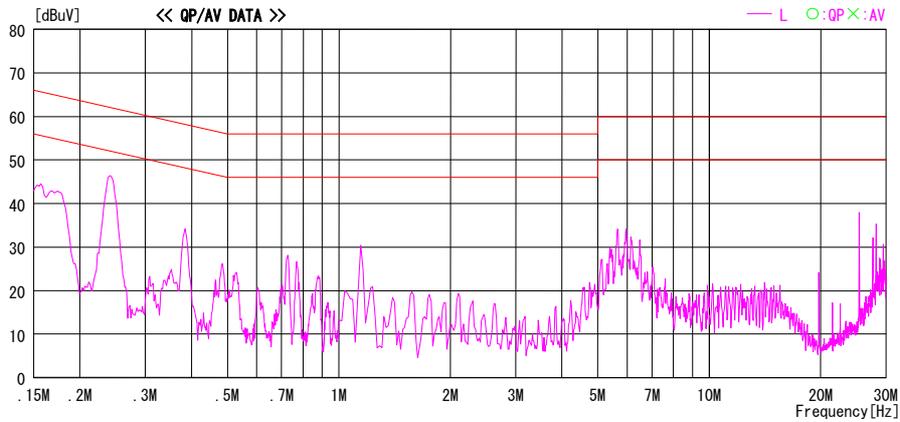
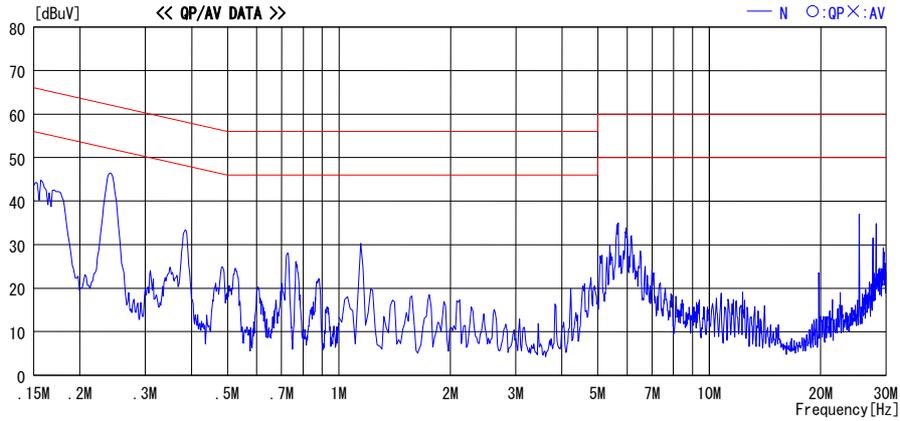


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (LISN LOSS+CABLE LOSS)  
 Except for the above table : adequate margin data below the limits.

**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 transmitter	Power	: DC 3.3V
Model No.	: EZW-T100	Temp./Humi.	: 20deg. C / 32%
Serial No.	: 1	Operator	: Kazufumi Nakai

Mode / Remarks : Transmitting 2463.85MHz, ANT:B

LIMIT : FCC15.207 QP  
FCC15.207 AV

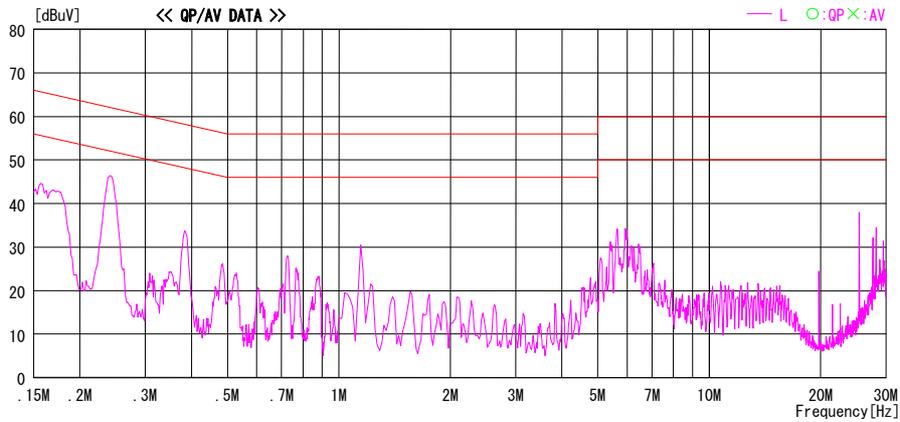
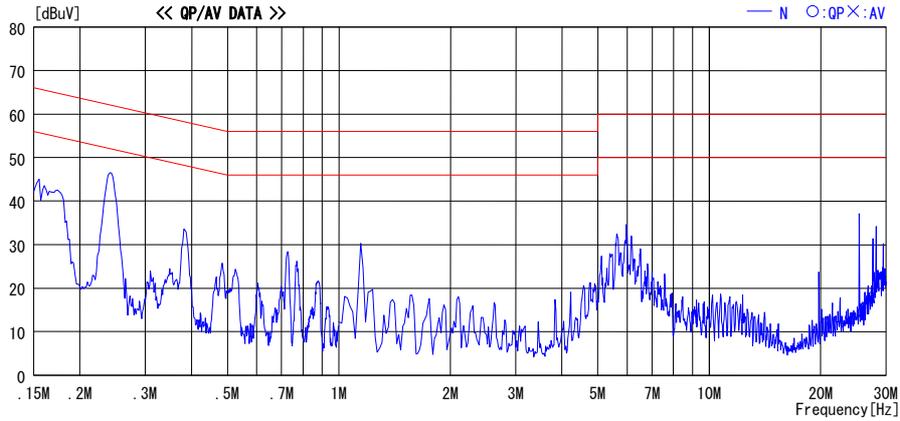


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (LISN LOSS+CABLE LOSS)  
 Except for the above table : adequate margin data below the limits.

**Conducted Emission**  
**ANT: A, Rx, Ch: Mid**

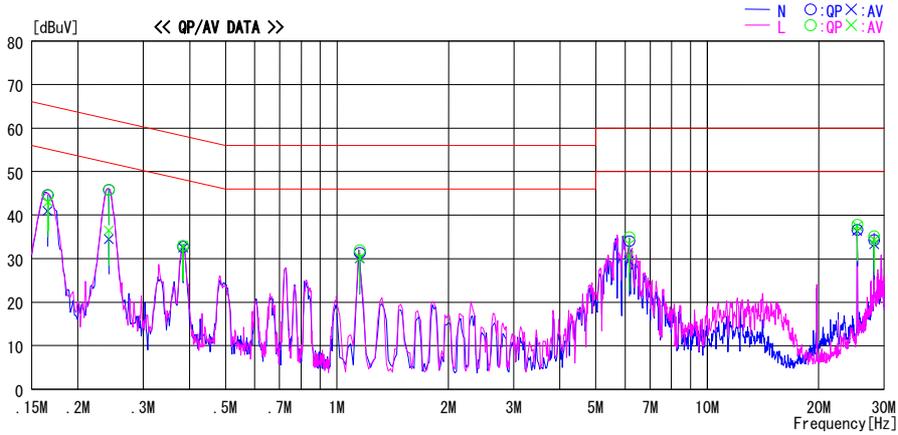
**DATA OF CONDUCTED EMISSION TEST**

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

Company : Sony Corporation  
Kind of EUT : Wireless transmitter  
Model No. : EZW-T100  
Serial No. : 1  
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 [dB]	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.16553	44.4	40.7	0.2	44.6	40.9	65.2	55.2	20.6	14.3	N	
0.24210	45.6	34.3	0.2	45.8	34.5	62.0	52.0	16.2	17.5	N	
0.38398	32.4	32.2	0.3	32.7	32.5	58.2	48.2	25.5	15.7	N	
1.15197	30.9	29.5	0.5	31.4	30.0	56.0	46.0	24.6	16.0	N	
6.14403	32.9	28.4	1.1	34.0	29.5	60.0	50.0	26.0	20.5	N	
25.40216	33.9	33.6	2.7	36.6	36.3	60.0	50.0	23.4	13.7	N	
28.22438	31.6	30.6	2.7	34.3	33.3	60.0	50.0	25.7	16.7	N	
0.16611	44.3	42.8	0.2	44.5	43.0	65.2	55.2	20.7	12.2	L	
0.24225	45.6	36.3	0.2	45.8	36.5	62.0	52.0	16.2	15.5	L	
0.38428	32.7	32.6	0.3	33.0	32.9	58.2	48.2	25.2	15.3	L	
1.15232	31.4	29.6	0.5	31.9	30.1	56.0	46.0	24.1	15.9	L	
6.14479	33.8	29.5	1.1	34.9	30.6	60.0	50.0	25.1	19.4	L	
25.40202	35.1	34.8	2.7	37.8	37.5	60.0	50.0	22.2	12.5	L	
28.22413	32.5	31.6	2.7	35.2	34.3	60.0	50.0	24.8	15.7	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-HO-01
Kind of EUT	: Wireless transmitter	Power	: DC 3.3V
Model No.	: EZW-T100	Temp./Humi.	: 20deg. C / 32%
Serial No.	: 1	Operator	: Kazufumi Nakai

Mode / Remarks: Receiving 2437.85MHz, ANT:B

LIMIT : FCC15.207 OP  
FCC15.207 AV

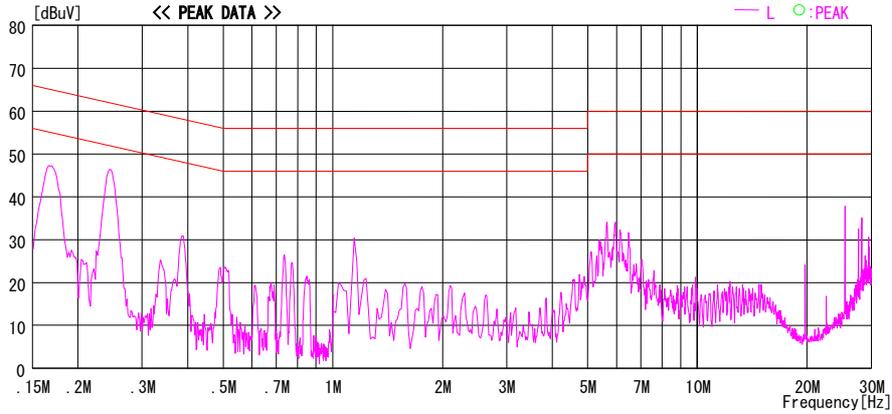
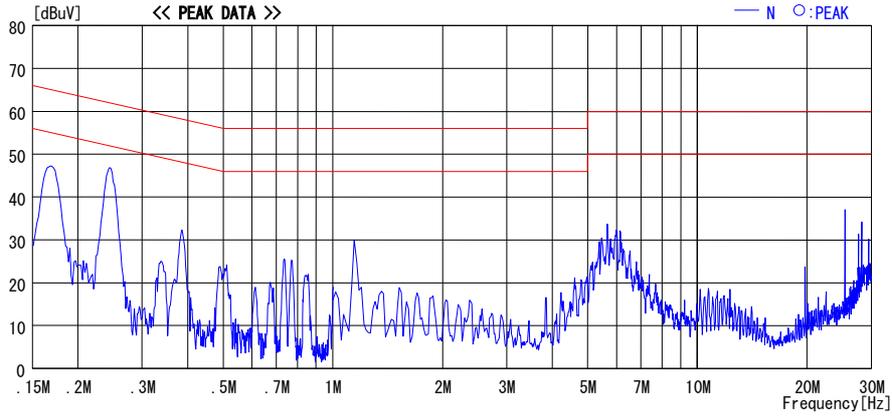


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (LISN LOSS+CABLE LOSS)  
 Except for the above table : adequate margin data below the limits.

### 6dB Bandwidth

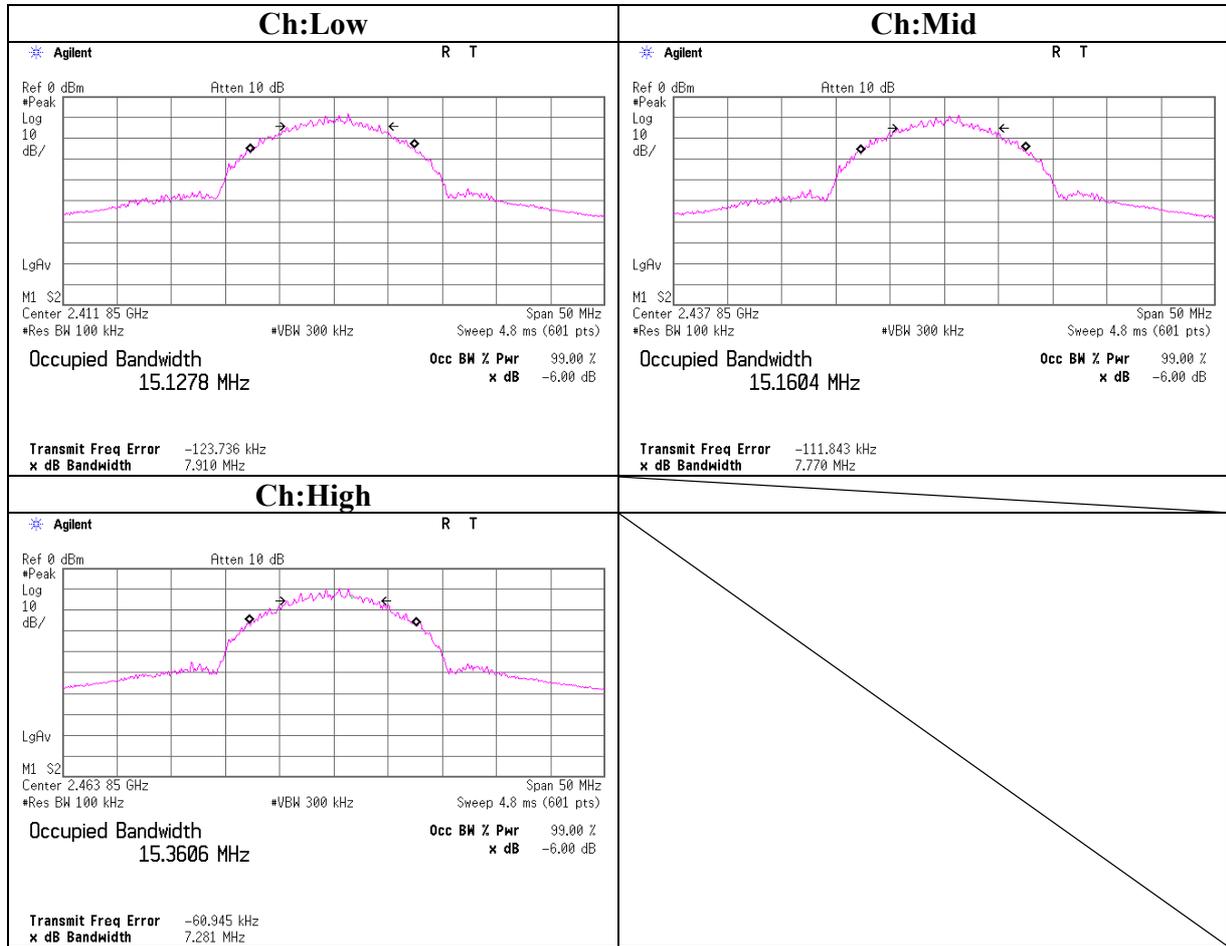
UL Japan, Inc.  
Head Office EMC Lab. No.6 measurement room

Company : Sony Corporation  
Equipment : Wireless transmitter  
Model No. : EZW-T100  
Serial No. : 4  
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	7.910	>500
Mid	2437.85	7.770	>500
High	2463.85	7.281	>500

### 6dB Bandwidth



**Maximum Peak Output Power**

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

Company : Sony Corporation  
Equipment : Wireless transmitter  
Model No. : EZW-T100  
Serial No. : 4  
Power : DC 3.3V  
Mode : Tx (Ch L, M, H)

Test Report No. : 28CE0018-HO-01  
Regulation : FCC15.247(b)(3)/RSS-210A8.4(4)  
Test distance : -  
Date : 12/19/2007  
Temperature : 21deg.C.  
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	3.66	0.90	10.08	14.64	29.11	30.00	1000	15.36
Mid	2437.85	3.60	0.90	10.08	14.58	28.71	30.00	1000	15.42
High	2463.85	3.58	0.90	10.08	14.56	28.58	30.00	1000	15.44

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	2.01	0.90	10.08	12.99	19.91	30.00	1000	17.01
Mid	2437.85	1.99	0.90	10.08	12.97	19.82	30.00	1000	17.03
High	2463.85	2.02	0.90	10.08	13.00	19.95	30.00	1000	17.00

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.

**UL Japan, Inc.**

**Head Office EMC Lab.**

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

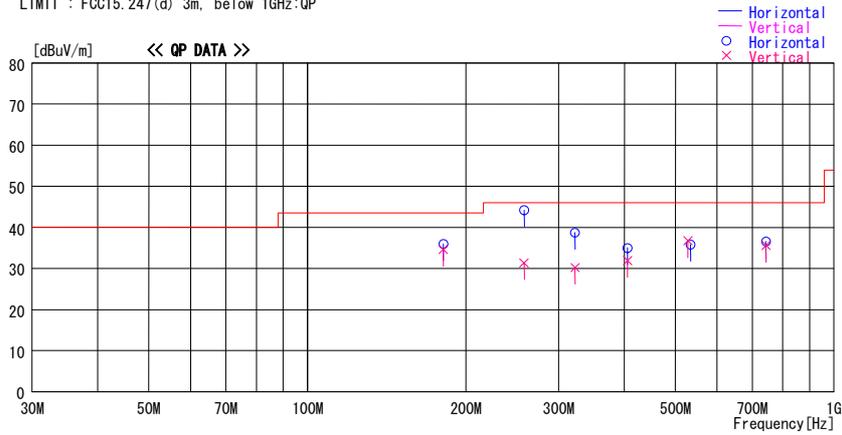
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber  
Date : 2007/12/25

Company : Sony Corporation Report No. : 28CE0018-HO-01  
Kind of EUT : Wireless transmitter Power : DC 3.3V  
Model No. : EZW-T100 Temp./Humi. : 18 deg.C. / 33%  
Serial No. : 1 Operator : Shinya Watanabe

Mode / Remarks : Transmitting 2411.85MHz, ANT:A, Worst-axis H:Y: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]
			Factor [dB]	Gain [dB]						
181.233	38.0	QP	16.3	-18.3	36.0	51	167	Hori.	43.5	7.5
181.233	36.6	QP	16.3	-18.3	34.6	136	100	Vert.	43.5	8.9
258.077	43.8	QP	17.6	-17.2	44.2	0	127	Hori.	46.0	1.8
258.077	31.0	QP	17.6	-17.2	31.4	297	100	Vert.	46.0	14.6
322.550	40.7	QP	14.7	-16.7	38.7	222	100	Hori.	46.0	7.3
322.549	32.2	QP	14.7	-16.7	30.2	57	164	Vert.	46.0	15.8
405.507	35.3	QP	16.2	-16.5	35.0	251	100	Hori.	46.0	11.0
405.495	32.2	QP	16.2	-16.5	31.9	132	117	Vert.	46.0	14.1
534.524	33.3	QP	18.7	-16.2	35.8	237	100	Hori.	46.0	10.2
528.378	34.3	QP	18.6	-16.2	36.7	253	116	Vert.	46.0	9.3
743.425	29.8	QP	21.3	-14.6	36.5	228	100	Hori.	46.0	9.5
743.425	28.9	QP	21.3	-14.6	35.6	307	100	Vert.	46.0	10.4

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**

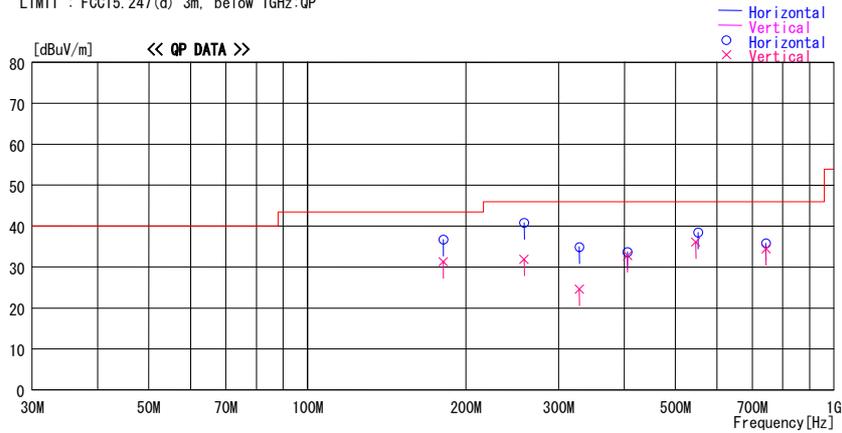
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber  
Date : 2007/12/25

Company : Sony Corporation Report No. : 28CE0018-HO-01  
Kind of EUT : Wireless transmitter Power : DC 3.3V  
Model No. : EZW-T100 Temp./Humi. : 18 deg.C. / 33%  
Serial No. : 1 Operator : Shinya Watanabe

Mode / Remarks : Transmitting 2437.85MHz, ANT:A, Worst-axis H:Y: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]
			Factor [dB/m]	Gain [dB]						
181.240	38.7	QP	16.3	-18.3	36.7	48	170	Hori.	43.5	6.8
181.236	33.3	QP	16.3	-18.3	31.3	138	100	Vert.	43.5	12.2
258.079	40.4	QP	17.6	-17.2	40.8	16	133	Hori.	46.0	5.2
258.082	31.5	QP	17.6	-17.2	31.9	297	100	Vert.	46.0	14.1
328.699	36.8	QP	14.8	-16.7	34.9	184	100	Hori.	46.0	11.1
328.700	26.5	QP	14.8	-16.7	24.6	223	100	Vert.	46.0	21.4
405.500	34.0	QP	16.2	-16.5	33.7	247	100	Hori.	46.0	12.3
405.503	33.1	QP	16.2	-16.5	32.8	287	121	Vert.	46.0	13.2
552.960	35.7	QP	18.8	-16.0	38.5	257	100	Hori.	46.0	7.5
546.816	33.4	QP	18.8	-16.1	36.1	156	100	Vert.	46.0	9.9
743.436	29.1	QP	21.3	-14.6	35.8	222	100	Hori.	46.0	10.2
743.434	27.8	QP	21.3	-14.6	34.5	313	100	Vert.	46.0	11.5

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

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

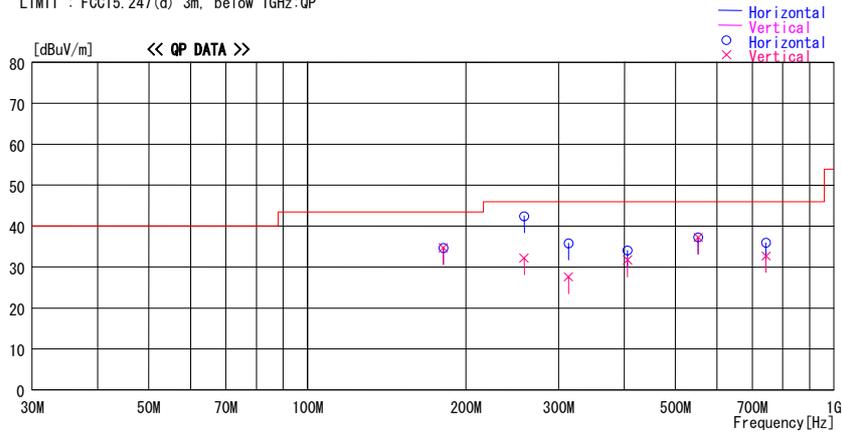
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber  
Date : 2007/12/25

Company : Sony Corporation  
Kind of EUT : Wireless transmitter  
Model No. : EZW-T100  
Serial No. : 1  
Report No. : 28CE0018-HO-01  
Power : DC 3.3V  
Temp./Humi. : 18 deg.C. / 33%  
Operator : Shinya Watanabe

Mode / Remarks : Transmitting 2463.85MHz, ANT:A, Worst-axis H:Y: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]
			Factor [dB/m]	Gain [dB]						
181.240	36.7	QP	16.3	-18.3	34.7	47	168	Hori.	43.5	8.8
181.240	36.7	QP	16.3	-18.3	34.7	157	100	Vert.	43.5	8.8
258.082	42.0	QP	17.6	-17.2	42.4	0	122	Hori.	46.0	3.6
258.080	31.8	QP	17.6	-17.2	32.2	297	196	Vert.	46.0	13.8
313.334	38.0	QP	14.5	-16.7	35.8	239	100	Hori.	46.0	10.2
313.339	29.8	QP	14.5	-16.7	27.6	108	152	Vert.	46.0	18.4
405.499	34.3	QP	16.2	-16.5	34.0	261	100	Hori.	46.0	12.0
405.503	32.0	QP	16.2	-16.5	31.7	293	158	Vert.	46.0	14.3
552.965	34.5	QP	18.8	-16.0	37.3	259	100	Hori.	46.0	8.8
552.963	34.4	QP	18.8	-16.0	37.2	242	107	Vert.	46.0	8.8
743.433	29.3	QP	21.3	-14.6	36.0	224	100	Hori.	46.0	10.0
743.433	26.0	QP	21.3	-14.6	32.7	218	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 round off to one or two decimal places, so some differences might be observed.

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

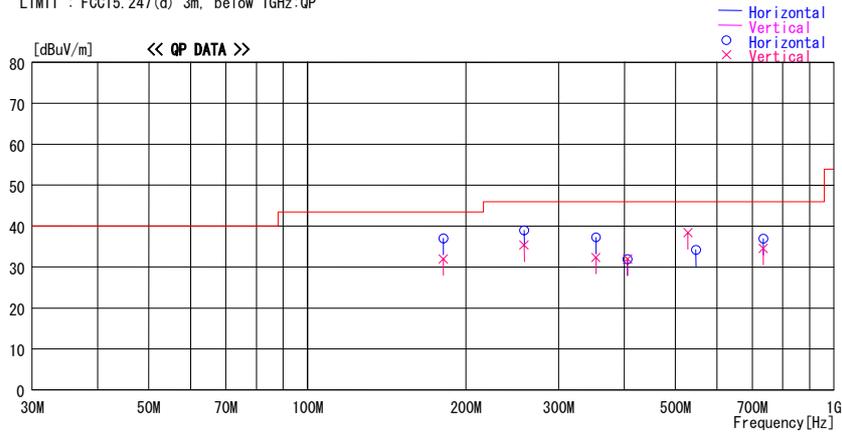
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber  
Date : 2007/12/25

Company : Sony Corporation  
Kind of EUT : Wireless transmitter  
Model No. : EZW-T100  
Serial No. : 1  
Report No. : 28CE0018-HO-01  
Power : DC 3.3V  
Temp./Humi. : 18 deg.C. / 33%  
Operator : Shinya Watanabe

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]
			Factor [dB/m]	Gain [dB]						
181.239	39.0	QP	16.3	-18.3	37.0	53	170	Hori.	43.5	6.5
181.237	34.0	QP	16.3	-18.3	32.0	121	155	Vert.	43.5	11.5
258.086	38.6	QP	17.6	-17.2	39.0	54	122	Hori.	46.0	7.0
258.086	35.0	QP	17.6	-17.2	35.4	285	100	Vert.	46.0	10.6
353.276	38.6	QP	15.3	-16.6	37.3	0	100	Hori.	46.0	8.7
353.276	33.7	QP	15.3	-16.6	32.4	303	100	Vert.	46.0	13.6
405.509	32.2	QP	16.2	-16.5	31.9	225	100	Hori.	46.0	14.1
405.506	32.3	QP	16.2	-16.5	32.0	141	121	Vert.	46.0	14.0
546.821	31.5	QP	18.8	-16.1	34.2	346	100	Hori.	46.0	11.8
528.392	36.0	QP	18.6	-16.2	38.4	215	100	Vert.	46.0	7.6
734.211	30.3	QP	21.3	-14.7	36.9	124	117	Hori.	46.0	9.1
734.220	28.0	QP	21.3	-14.7	34.6	101	167	Vert.	46.0	11.4

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**

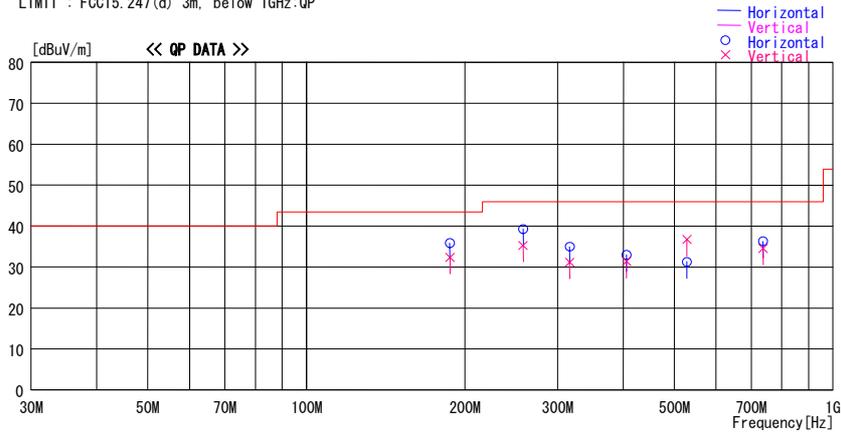
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber  
Date : 2007/12/25

Company : Sony Corporation  
Kind of EUT : Wireless transmitter  
Model No. : EZW-T100  
Serial No. : 1  
Report No. : 28CE0018-HO-01  
Power : DC 3.3V  
Temp./Humi. : 18 deg.C. / 33%  
Operator : Shinya Watanabe

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	Loss	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Gain [dB]						
187.383	37.6	QP	16.4	-18.1	35.9	56	176	Hori.	43.5	7.6
187.386	34.1	QP	16.4	-18.1	32.4	159	100	Vert.	43.5	11.1
258.080	38.9	QP	17.6	-17.2	39.3	37	123	Hori.	46.0	6.7
258.081	34.9	QP	17.6	-17.2	35.3	295	100	Vert.	46.0	10.7
316.413	37.2	QP	14.5	-16.7	35.0	82	100	Hori.	46.0	11.0
316.413	33.4	QP	14.5	-16.7	31.2	291	100	Vert.	46.0	14.8
405.502	33.3	QP	16.2	-16.5	33.0	220	100	Hori.	46.0	13.0
405.511	31.7	QP	16.2	-16.5	31.4	142	127	Vert.	46.0	14.6
528.384	28.9	QP	18.6	-16.2	31.3	317	100	Hori.	46.0	14.7
528.385	34.3	QP	18.6	-16.2	36.7	272	100	Vert.	46.0	9.3
737.295	29.7	QP	21.3	-14.7	36.3	256	108	Hori.	46.0	9.7
737.287	28.0	QP	21.3	-14.7	34.6	95	162	Vert.	46.0	11.4

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**

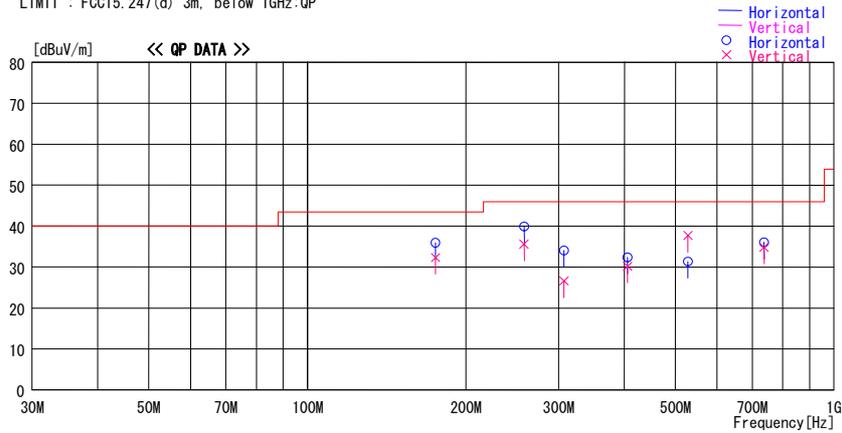
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber  
Date : 2007/12/25

Company : Sony Corporation Report No. : 28CE0018-HO-01  
Kind of EUT : Wireless transmitter Power : DC 3.3V  
Model No. : EZW-T100 Temp./Humi. : 18 deg.C. / 33%  
Serial No. : 1 Operator : Shinya Watanabe

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		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Loss & Gain [dB]						
175.097	38.3	QP	16.0	-18.3	36.0	57	185	Hori.	43.5	7.5
175.100	34.6	QP	16.0	-18.3	32.3	138	159	Vert.	43.5	11.2
258.080	39.5	QP	17.6	-17.2	39.9	45	123	Hori.	46.0	6.1
258.083	35.2	QP	17.6	-17.2	35.6	291	100	Vert.	46.0	10.4
307.242	36.5	QP	14.3	-16.7	34.1	0	100	Hori.	46.0	12.0
307.240	29.0	QP	14.3	-16.7	26.6	281	100	Vert.	46.0	19.4
405.503	32.7	QP	16.2	-16.5	32.4	229	100	Hori.	46.0	13.6
405.500	30.5	QP	16.2	-16.5	30.2	135	127	Vert.	46.0	15.8
528.390	29.0	QP	18.6	-16.2	31.4	63	100	Hori.	46.0	14.6
528.386	35.3	QP	18.6	-16.2	37.7	260	100	Vert.	46.0	8.3
737.287	29.4	QP	21.3	-14.7	36.0	260	104	Hori.	46.0	10.0
737.287	28.2	QP	21.3	-14.7	34.8	89	161	Vert.	46.0	11.2

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**

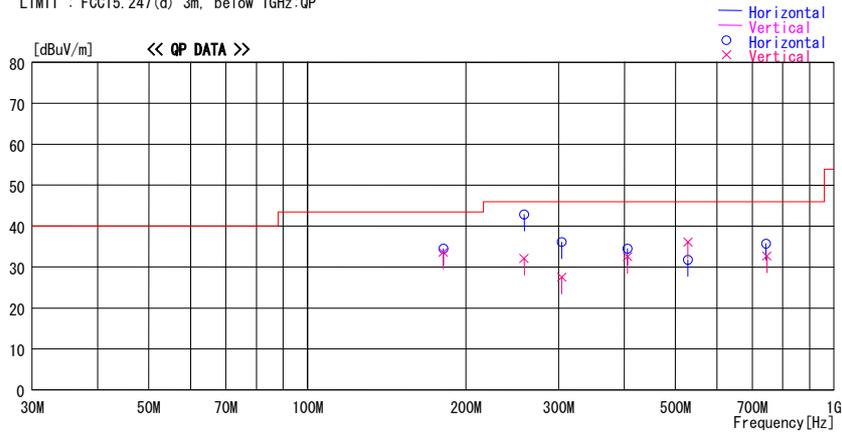
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber  
Date : 2007/12/25

Company : Sony Corporation  
Kind of EUT : Wireless transmitter  
Model No. : EZW-T100  
Serial No. : 1  
Report No. : 28CE0018-HO-01  
Power : DC 3.3V  
Temp./Humi. : 18 deg.C. / 33%  
Operator : Shinya Watanabe

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]
			Factor [dB/m]	Gain [dB]						
181.241	36.5	QP	16.3	-18.3	34.5	42	173	Hori.	43.5	9.0
181.241	35.6	QP	16.3	-18.3	33.6	138	100	Vert.	43.5	9.9
258.081	42.4	QP	17.6	-17.2	42.8	19	127	Hori.	46.0	3.2
258.081	31.7	QP	17.6	-17.2	32.1	274	100	Vert.	46.0	13.9
304.124	38.5	QP	14.3	-16.7	36.1	8	100	Hori.	46.0	9.9
304.124	29.9	QP	14.3	-16.7	27.5	90	147	Vert.	46.0	18.5
405.510	34.8	QP	16.2	-16.5	34.5	247	100	Hori.	46.0	11.5
405.501	32.8	QP	16.2	-16.5	32.5	292	158	Vert.	46.0	13.5
528.380	29.4	QP	18.6	-16.2	31.8	269	161	Hori.	46.0	14.2
528.380	33.7	QP	18.6	-16.2	36.1	268	106	Vert.	46.0	9.9
743.430	29.0	QP	21.3	-14.6	35.7	234	100	Hori.	46.0	10.3
746.096	25.9	QP	21.4	-14.6	32.7	219	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 round off to one or two decimal places, so some differences might be observed.

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

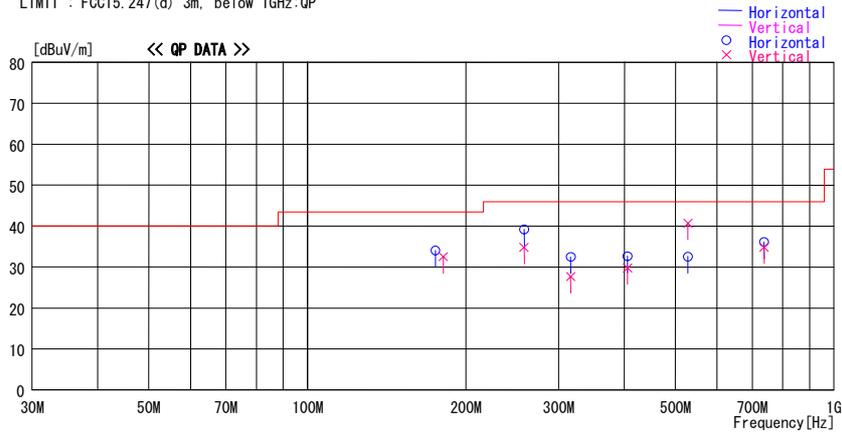
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.1 Semi Anechoic Chamber  
Date : 2007/12/25

Company : Sony Corporation Report No. : 28CE0018-HO-01  
Kind of EUT : Wireless transmitter Power : DC 3.3V  
Model No. : EZW-T100 Temp./Humi. : 18 deg.C. / 33%  
Serial No. : 1 Operator : Shinya Watanabe

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]
			Factor [dB/m]	Gain [dB]						
175.096	36.3	QP	16.0	-18.3	34.0	46	175	Hori.	43.5	9.5
181.239	34.5	QP	16.3	-18.3	32.5	131	100	Vert.	43.5	11.0
258.081	38.8	QP	17.6	-17.2	39.2	31	127	Hori.	46.0	6.8
258.079	34.4	QP	17.6	-17.2	34.8	276	100	Vert.	46.0	11.2
316.410	34.7	QP	14.5	-16.7	32.5	58	100	Hori.	46.0	13.5
316.400	29.9	QP	14.5	-16.7	27.7	264	100	Vert.	46.0	18.3
405.597	33.0	QP	16.2	-16.5	32.7	229	100	Hori.	46.0	13.3
405.504	30.1	QP	16.2	-16.5	29.8	100	120	Vert.	46.0	16.2
528.389	30.2	QP	18.6	-16.2	32.6	239	100	Hori.	46.0	13.4
528.385	38.3	QP	18.6	-16.2	40.7	82	100	Vert.	46.0	5.3
737.283	29.5	QP	21.3	-14.7	36.1	261	108	Hori.	46.0	9.9
737.283	28.3	QP	21.3	-14.7	34.9	177	152	Vert.	46.0	11.1

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 (above 1GHz)**  
**ANT: A, Tx, Ch: Low**

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

Company : Sony Corporation  
Equipment : Wireless transmitter  
Model : EZW-T100  
Sample No. : 1  
Power : DC 3.3V  
Mode : Ant A Tx 2411.85MHz  
Remarks : Hor Y , Ver Z-axis

REPORT NO : 28CE0018-HO-01  
REGULATION : FCC15.247(d)/RSS-210A8.5  
TEST DISTANCE : 3/1m  
DATE : 12/17/2007  
TEMPERATURE : 23deg.C  
HUMIDITY : 36%  
ENGINEER : Takumi Shimada

**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	2257.1	59.8	60.1	26.9	32.4	3.7	0.0	58.0	58.3	73.9	15.9	15.6
2	2390.0	75.2	72.6	27.1	32.5	3.8	0.0	73.6	71.0	73.9	0.3	2.9
3	2400*	88.1	85.4	27.1	32.5	3.8	0.0	86.5	83.8	-	-	-
4	4823.7	48.1	47.3	31.3	31.4	5.4	0.7	54.1	53.3	73.9	19.8	20.6
5	6431.6	45.9	43.7	33.7	31.1	6.1	0.8	55.4	53.2	73.9	18.5	20.7
6	7235.6	42.5	42.4	35.8	31.0	6.1	0.6	54.0	53.9	73.9	19.9	20.0
7	9647.4	43.5	43.1	38.6	31.4	7.2	0.9	58.8	58.4	73.9	15.1	15.5
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	45.7	40.7	30.0	11.0	0.0	57.8	57.9	73.9	16.1	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
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2257.1	44.0	43.7	26.9	32.4	3.7	0.0	42.2	41.9	53.9	11.7	12.0
2	2390.0	40.5	38.3	27.1	32.5	3.8	0.0	38.9	36.7	53.9	15.0	17.2
3	2400*	53.1	51.0	27.1	32.5	3.8	0.0	51.5	49.4	-	-	-
4	4823.7	33.0	32.8	31.3	31.4	5.4	0.7	39.0	38.8	53.9	14.9	15.1
5	6431.6	38.6	34.5	33.7	31.1	6.1	0.8	48.1	44.0	53.9	5.8	9.9
6	7235.6	30.3	30.1	35.8	31.0	6.1	0.6	41.8	41.6	53.9	12.1	12.3
7	9647.4	30.4	30.4	38.6	31.4	7.2	0.9	45.7	45.7	53.9	8.2	8.2
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	32.7	32.7	40.7	30.0	11.0	0.0	44.9	44.9	53.9	9.0	9.0

\* 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	103.3	100.0	27.1	32.5	3.9	0.0	101.8	98.5	-	-	-
3	2400.0	71.0	68.4	27.1	32.5	3.8	0.0	69.4	66.8	Funda-20dB	12.4	11.7

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 transmitter	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: EZW-T100	TEST DISTANCE	: 3/1m
Sample No.	: 1	DATE	: 12/17/2007
Power	: DC 3.3V	TEMPERATURE	: 23deg.C
Mode	: Ant A Tx 2437.85MHz	HUMIDITY	: 36%
Remarks	: Hor Y , Ver Z-axis	ENGINEER	: Takumi Shimada

**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 [dBuV]	VER					HOR [dBuV/m]	VER		HOR [dB]	VER
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2284.4	59.5	59.8	26.9	32.4	3.7	0.0	57.7	58.0	73.9	16.2	15.9
2	4875.7	48.9	49.6	31.4	31.4	5.4	0.7	55.0	55.7	73.9	18.9	18.2
3	6500.8	45.4	44.3	33.9	31.1	6.1	0.8	55.1	54.0	73.9	18.8	19.9
4	7313.6	43.5	43.1	35.9	31.0	6.2	0.6	55.2	54.8	73.9	18.7	19.1
5	9751.4	42.5	43.3	38.7	31.4	7.3	0.9	58.0	58.8	73.9	15.9	15.1
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
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	46.0	40.7	30.0	11.1	0.0	58.1	58.3	73.9	15.8	15.6

**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 [dBuV]	VER					HOR [dBuV/m]	VER		HOR [dB]	VER
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2284.4	43.5	43.8	26.9	32.4	3.7	0.0	41.7	42.0	53.9	12.2	11.9
2	4875.7	32.8	33.6	31.4	31.4	5.4	0.7	38.9	39.7	53.9	15.0	14.2
3	6500.8	37.9	33.9	33.9	31.1	6.1	0.8	47.6	43.6	53.9	6.3	10.3
4	7313.6	30.3	31.0	35.9	31.0	6.2	0.6	42.0	42.7	53.9	11.9	11.2
5	9751.4	30.1	30.3	38.7	31.4	7.3	0.9	45.6	45.8	53.9	8.3	8.1
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
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	33.2	33.3	40.7	30.0	11.1	0.0	45.5	45.6	53.9	8.4	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 transmitter	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: EZW-T100	TEST DISTANCE	: 3/1m
Sample No.	: 1	DATE	: 12/17/2007
Power	: DC 3.3V	TEMPERATURE	: 23deg.C
Mode	: Ant A Tx 2463.85MHz	HUMIDITY	: 36%
Remarks	: Hor Y , Ver Z-axis	ENGINEER	: Takumi Shimada

**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 [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2308.7	63.2	59.2	27.0	32.4	3.7	0.0	61.5	57.5	73.9	12.4	16.4
2	2483.5	74.3	74.6	27.2	32.5	3.9	0.0	72.9	73.2	73.9	1.0	0.7
3	4927.7	47.9	45.1	31.5	31.4	5.4	0.7	54.1	51.3	73.9	19.8	22.6
4	6570.0	44.5	44.0	34.1	31.1	6.1	0.8	54.4	53.9	73.9	19.5	20.0
5	7391.6	42.1	45.2	36.1	31.0	6.2	0.6	54.0	57.1	73.9	19.9	16.8
6	9855.4	43.5	42.6	38.8	31.4	7.3	0.9	59.1	58.2	73.9	14.8	15.7
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
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	45.6	40.8	30.1	11.3	0.0	58.0	58.1	73.9	15.9	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 [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2308.7	46.4	43.5	27.0	32.4	3.7	0.0	44.7	41.8	53.9	9.2	12.1
2	2483.5	38.7	38.5	27.2	32.5	3.9	0.0	37.3	37.1	53.9	16.6	16.8
3	4927.7	32.6	31.5	31.5	31.4	5.4	0.7	38.8	37.7	53.9	15.1	16.2
4	6570.0	34.3	34.3	34.1	31.1	6.1	0.8	44.2	44.2	53.9	9.7	9.7
5	7391.6	30.0	30.4	36.1	31.0	6.2	0.6	41.9	42.3	53.9	12.0	11.6
6	9855.4	30.1	30.2	38.8	31.4	7.3	0.9	45.7	45.8	53.9	8.2	8.1
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
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	32.7	32.8	40.8	30.1	11.3	0.0	45.2	45.3	53.9	8.7	8.6

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 Fiter 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  
Equipment : Wireless transmitter  
Model : EZW-T100  
Sample No. : 1  
Power : DC 3.3V  
Mode : Ant B Tx 2411.85MHz  
Remarks : Hor X , Ver Y-axis

REPORT NO : 28CE0018-HO-01  
REGULATION : FCC15.247(d)/RSS-210A8.5  
TEST DISTANCE : 3/1m  
DATE : 12/17/2007  
TEMPERATURE : 23deg.C  
HUMIDITY : 36%  
ENGINEER : Takumi Shimada

**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	2257.3	55.6	58.2	26.9	32.4	3.7	0.0	53.8	56.4	73.9	20.1	17.5
2	2390.0	60.2	61.6	27.1	32.5	3.8	0.0	58.6	60.0	73.9	15.3	13.9
3	2400*	75.2	77.5	27.1	32.5	3.8	0.0	73.6	75.9	-	-	-
4	4823.7	46.5	47.4	31.3	31.4	5.4	0.7	52.5	53.4	73.9	21.4	20.5
5	6431.5	43.8	44.5	33.7	31.1	6.1	0.8	53.3	54.0	73.9	20.6	19.9
6	7235.6	42.8	42.2	35.8	31.0	6.1	0.6	54.3	53.7	73.9	19.6	20.2
7	9647.4	43.5	43.0	38.6	31.4	7.2	0.9	58.8	58.3	73.9	15.1	15.6
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	46.0	45.6	40.7	30.0	11.0	0.0	58.2	57.8	73.9	15.7	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	2257.3	40.1	42.8	26.9	32.4	3.7	0.0	38.3	41.0	53.9	15.6	12.9
2	2390.0	32.2	32.7	27.1	32.5	3.8	0.0	30.6	31.1	53.9	23.3	22.8
3	2400*	46.4	47.2	27.1	32.5	3.8	0.0	44.8	45.6	-	-	-
4	4823.7	32.4	32.8	31.3	31.4	5.4	0.7	38.4	38.8	53.9	15.5	15.1
5	6431.5	32.1	35.8	33.7	31.1	6.1	0.8	41.6	45.3	53.9	12.3	8.6
6	7235.6	30.0	30.0	35.8	31.0	6.1	0.6	41.5	41.5	53.9	12.4	12.4
7	9647.4	30.3	30.2	38.6	31.4	7.2	0.9	45.6	45.5	53.9	8.3	8.4
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	32.8	32.8	40.7	30.0	11.0	0.0	45.0	45.0	53.9	8.9	8.9

\* 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												
1	2411.9	95.3	92.1	27.1	32.5	3.9	0.0	93.8	90.6	-	-	-
3	2400.0	58.4	59.2	27.1	32.5	3.8	0.0	56.8	57.6	Funda-20dB	17.0	13.0

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 transmitter	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: EZW-T100	TEST DISTANCE	: 3/1m
Sample No.	: 1	DATE	: 12/17/2007
Power	: DC 3.3V	TEMPERATURE	: 23deg.C
Mode	: Ant B Tx 2437.85MHz	HUMIDITY	: 36%
Remarks	: Hor X , Ver Y-axis	ENGINEER	: Takumi Shimada

**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 [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2283.5	60.3	59.3	26.9	32.4	3.7	0.0	58.5	57.5	73.9	15.4	16.4
2	4875.7	45.9	45.2	31.4	31.4	5.4	0.7	52.0	51.3	73.9	21.9	22.6
3	6500.6	43.2	44.9	33.9	31.1	6.1	0.8	52.9	54.6	73.9	21.0	19.3
4	7313.6	43.0	46.0	35.9	31.0	6.2	0.6	54.7	57.7	73.9	19.2	16.2
5	9751.4	43.7	42.2	38.7	31.4	7.3	0.9	59.2	57.7	73.9	14.7	16.2
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
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	45.7	46.6	40.7	30.0	11.1	0.0	58.0	58.9	73.9	15.9	15.0

**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 [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2283.5	42.9	43.6	26.9	32.4	3.7	0.0	41.1	41.8	53.9	12.8	12.1
2	4875.7	30.2	33.6	31.4	31.4	5.4	0.7	36.3	39.7	53.9	17.6	14.2
3	6500.6	32.1	35.4	33.9	31.1	6.1	0.8	41.8	45.1	53.9	12.1	8.8
4	7313.6	30.5	30.0	35.9	31.0	6.2	0.6	42.2	41.7	53.9	11.7	12.2
5	9751.4	30.1	30.0	38.7	31.4	7.3	0.9	45.6	45.5	53.9	8.3	8.4
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
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	33.2	33.2	40.7	30.0	11.1	0.0	45.5	45.5	53.9	8.4	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 Fiter 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 transmitter	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: EZW-T100	TEST DISTANCE	: 3/1m
Sample No.	: 1	DATE	: 12/172007
Power	: DC 3.3V	TEMPERATURE	: 23deg.C
Mode	: Ant B Tx 2463.85MHz	HUMIDITY	: 36%
Remarks	: Hor X , Ver Y-axis	ENGINEER	: Takumi Shimada

**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
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2307.8	55.3	59.3	27.0	32.4	3.7	0.0	53.6	57.6	73.9	20.3	16.3
2	2483.5	66.3	66.1	27.2	32.5	3.9	0.0	64.9	64.7	73.9	9.0	9.2
3	4927.7	46.5	45.5	31.5	31.4	5.4	0.7	52.7	51.7	73.9	21.2	22.2
4	6570.2	43.3	43.9	34.1	31.1	6.1	0.8	53.2	53.8	73.9	20.7	20.1
5	7391.6	43.1	42.5	36.1	31.0	6.2	0.6	55.0	54.4	73.9	18.9	19.5
6	9855.4	43.8	42.4	38.8	31.4	7.3	0.9	59.4	58.0	73.9	14.5	15.9
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
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	44.6	45.4	40.8	30.1	11.3	0.0	57.1	57.9	73.9	16.8	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
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2307.8	40.4	42.7	27.0	32.4	3.7	0.0	38.7	41.0	53.9	15.2	12.9
2	2483.5	33.2	33.2	27.2	32.5	3.9	0.0	31.8	31.8	53.9	22.1	22.1
3	4927.7	31.5	31.6	31.5	31.4	5.4	0.7	37.7	37.8	53.9	16.2	16.1
4	6570.2	32.6	34.4	34.1	31.1	6.1	0.8	42.5	44.3	53.9	11.4	9.6
5	7391.6	31.7	29.9	36.1	31.0	6.2	0.6	43.6	41.8	53.9	10.3	12.1
6	9855.4	30.2	30.3	38.8	31.4	7.3	0.9	45.8	45.9	53.9	8.1	8.0
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
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	32.4	32.3	40.8	30.1	11.3	0.0	44.9	44.8	53.9	9.0	9.1

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 transmitter  
Model : EZW-T100  
Sample No. : 1  
Power : DC 3.3V  
Mode : Rx 2437.85MHz, ANT: A  
Remarks : Hor Y , Ver Z-axis

REPORT NO : 28CE0018-HO-01  
REGULATION : FCC15.247(d)/RSS-210A8.5  
TEST DISTANCE : 3 m  
DATE : 12/17/2007  
TEMPERATURE : 20 deg.C.  
HUMIDITY : 35 %  
ENGINEER : Kazufumi Nakai

**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]		
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2437.9	42.7	42.5	27.2	32.5	3.9	0.0	41.3	41.1	73.9	32.6	32.8
2	3250.3	47.3	47.2	28.7	32.0	4.5	0.0	48.5	48.4	73.9	25.4	25.5
3	6500.8	45.1	44.0	33.9	31.1	5.7	0.0	53.6	52.5	73.9	20.3	21.4

**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]						[dBuV/m]		[dB]		
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2437.9	30.6	30.6	27.2	32.5	3.9	0.0	29.2	29.2	53.9	24.7	24.7
2	3250.3	41.1	40.6	28.7	32.0	4.5	0.0	42.3	41.8	53.9	11.6	12.1
3	6500.8	39.3	37.3	33.9	31.1	5.7	0.0	47.8	45.8	53.9	6.1	8.1

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

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

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

**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  
Equipment : Wireless transmitter  
Model : EZW-T100  
Sample No. : 1  
Power : DC 3.3V  
Mode : Rx 2437.85MHz, ANT: B  
Remarks : Hor X , Ver Y-axis

REPORT NO : 28CE0018-HO-01  
REGULATION : FCC15.247(d)/RSS-210A8.5  
TEST DISTANCE : 3 m  
DATE : 12/17/2007  
TEMPERATURE : 20 deg.C.  
HUMIDITY : 35 %  
ENGINEER : Kazufumi Nakai

**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]		
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2437.9	42.4	42.3	27.2	32.5	3.9	0.0	41.0	40.9	73.9	32.9	33.0
2	3250.3	47.2	45.2	28.7	32.0	4.5	0.0	48.4	46.4	73.9	25.5	27.5
3	6500.8	44.0	43.1	33.9	31.1	5.7	0.0	52.5	51.6	73.9	21.4	22.3

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

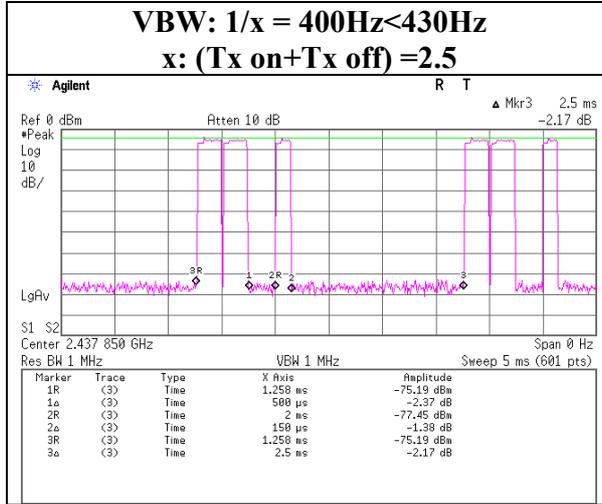
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]		[dB]		
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	2437.9	30.6	30.6	27.2	32.5	3.9	0.0	29.2	29.2	53.9	24.7	24.7
2	3250.3	41.5	35.7	28.7	32.0	4.5	0.0	42.7	36.9	53.9	11.2	17.0
3	6500.8	35.0	34.4	33.9	31.1	5.7	0.0	43.5	42.9	53.9	10.4	11.0

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

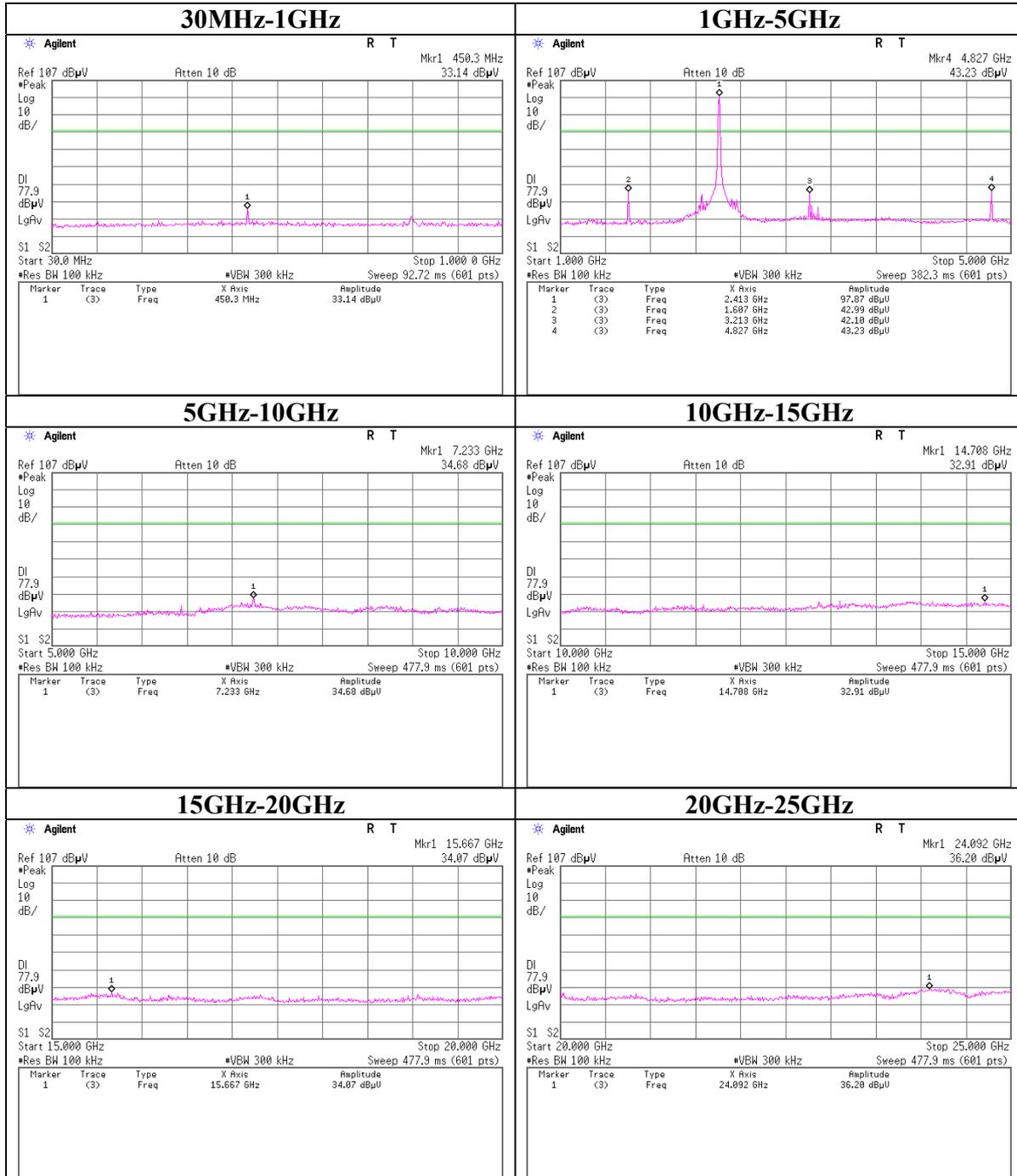
\*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

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

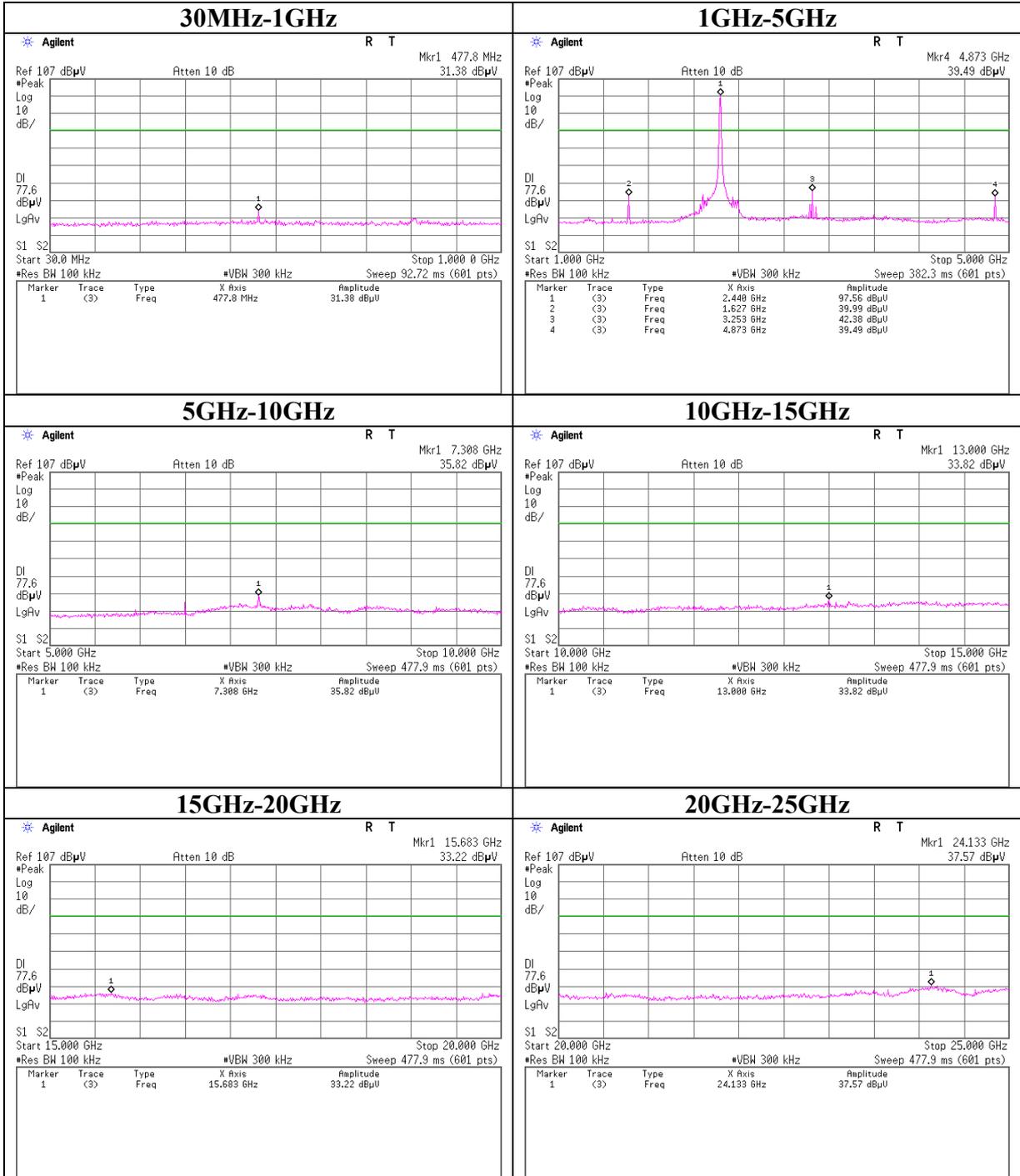
**VBW (AV) Calculation**



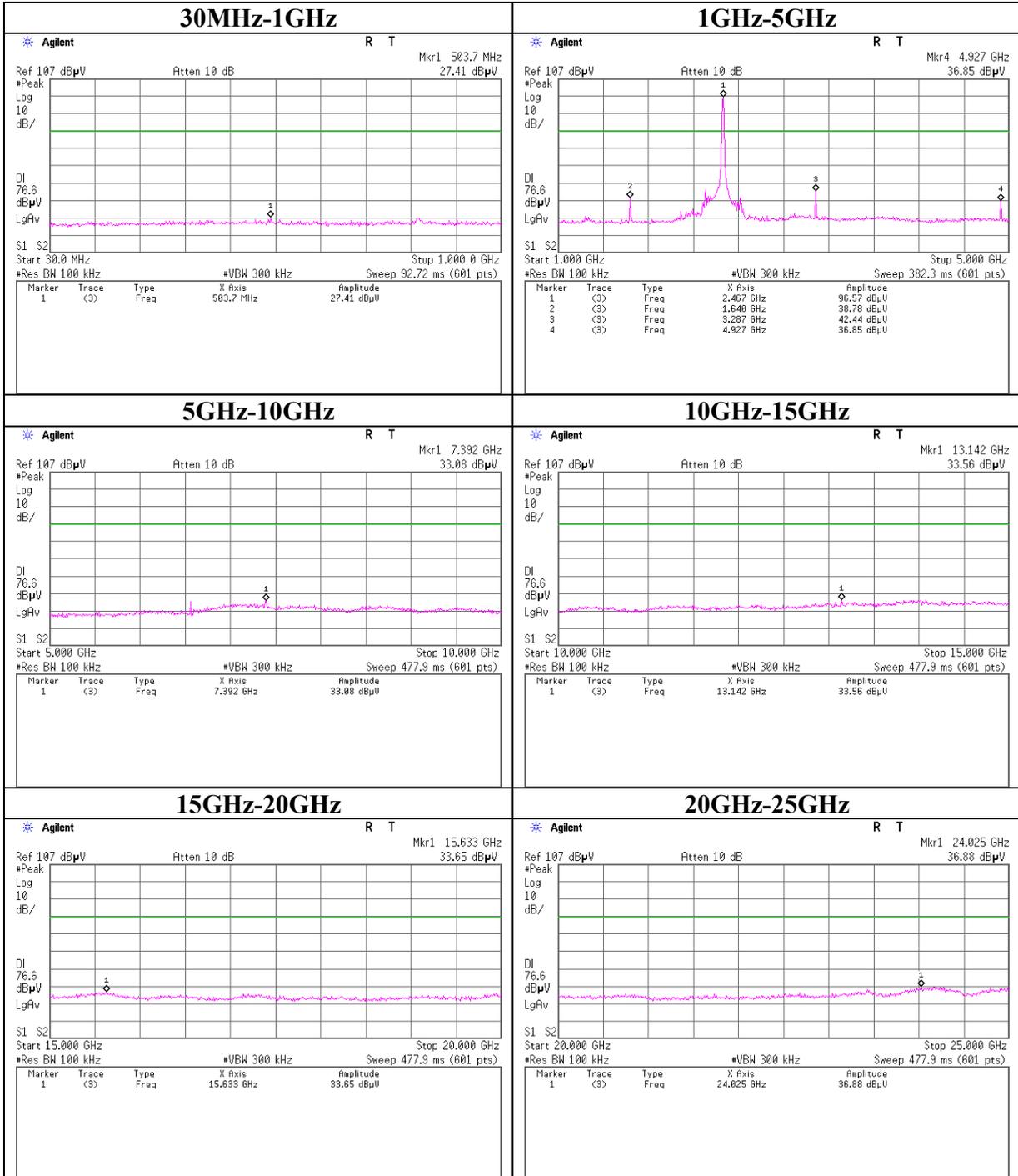
**Conducted Spurious Emission**  
**Tx, Ch: Low**



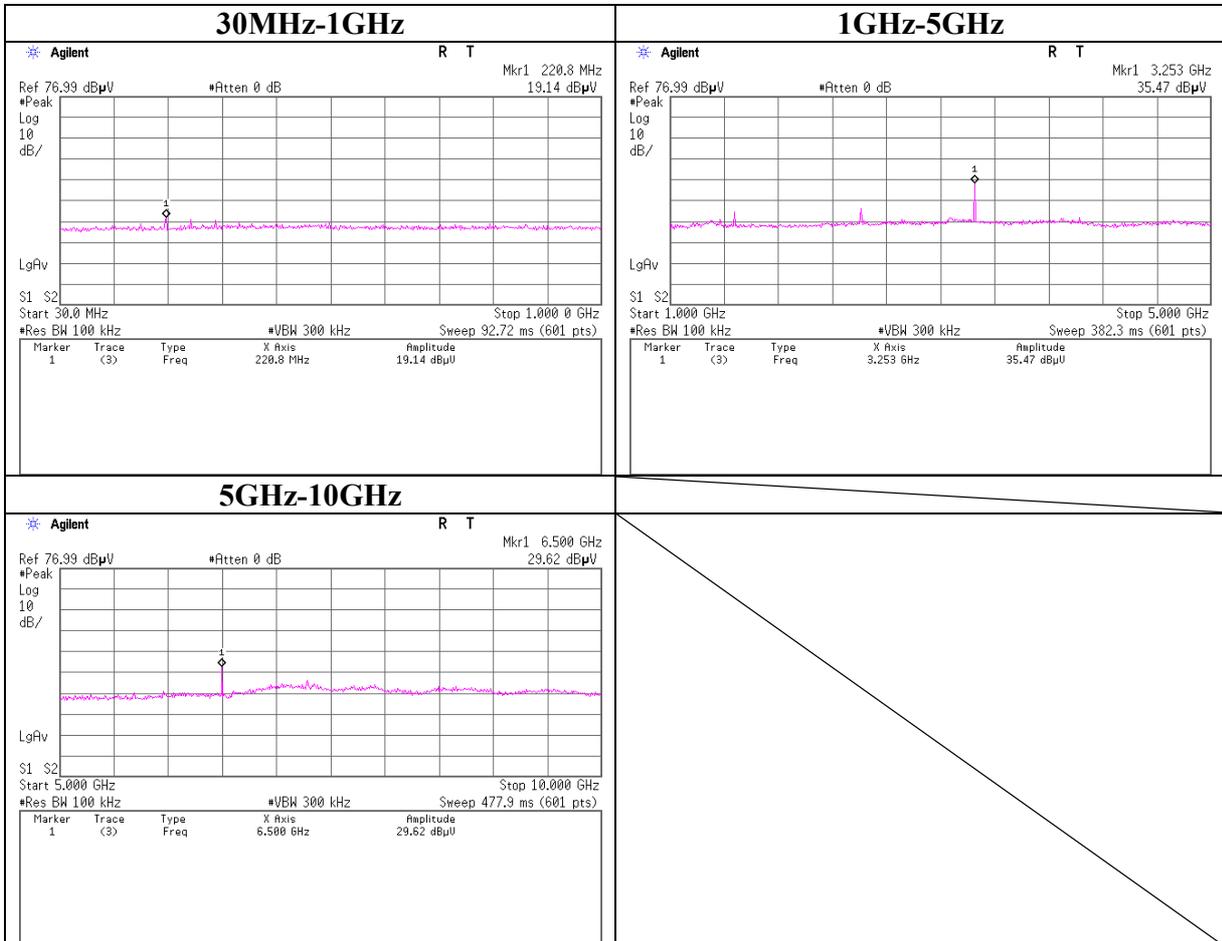
**Conducted Spurious Emission**  
**Tx, Ch: Mid**



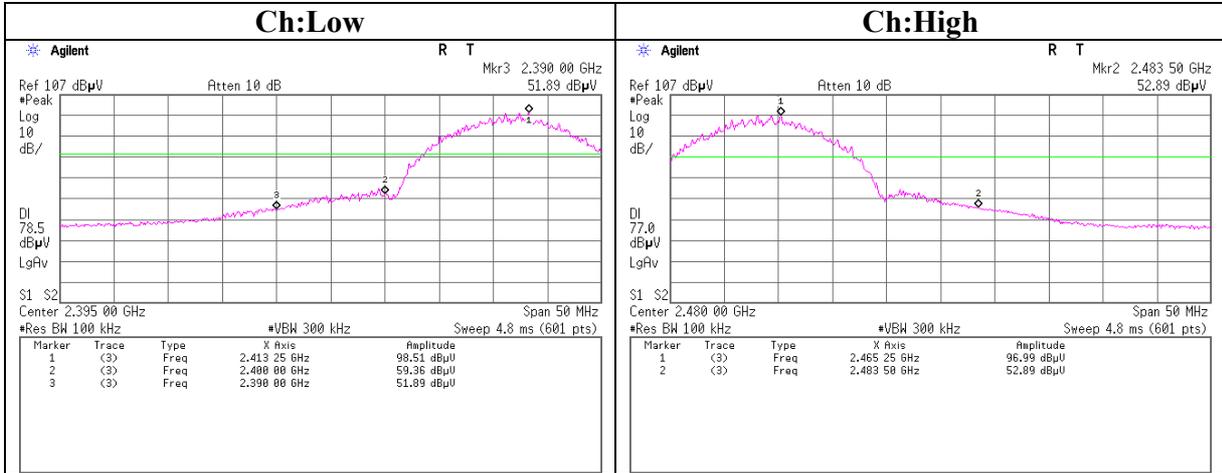
**Conducted Spurious Emission**  
**Tx, Ch: High**



**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 transmitter  
Model No. : EZW-T100  
Serial No. : 4  
Power : DC 3.3V  
Mode : Tx (Ch L, M, H) ANT: A

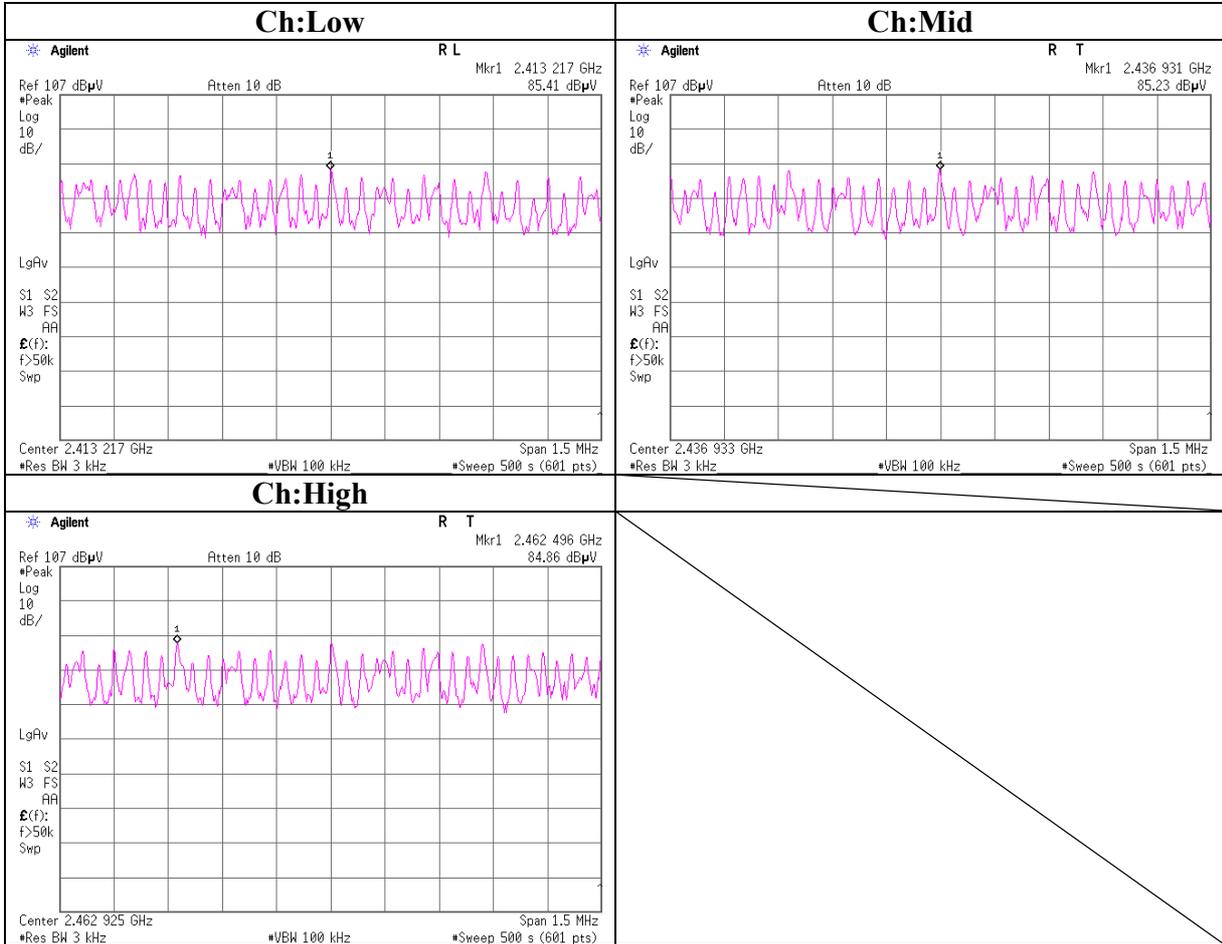
Test Report No. : 28CE0018-HO-01  
Regulation : FCC15.247(e)/RSS-210A8.2(b)  
Test distance : -  
Date : 12/19/2007  
Temperature : 21deg.C.  
Humidity : 47%  
Engineer : Takahiro Hatakeda

Ch	Freq. [MHz]	Reading [dBm]	Cable [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2413.22	-21.59	2.1	10.1	-9.4	8.0	17.4
Mid	2436.93	-21.77	2.1	10.1	-9.6	8.0	17.6
High	2462.50	-22.14	2.1	10.1	-10.0	8.0	18.0

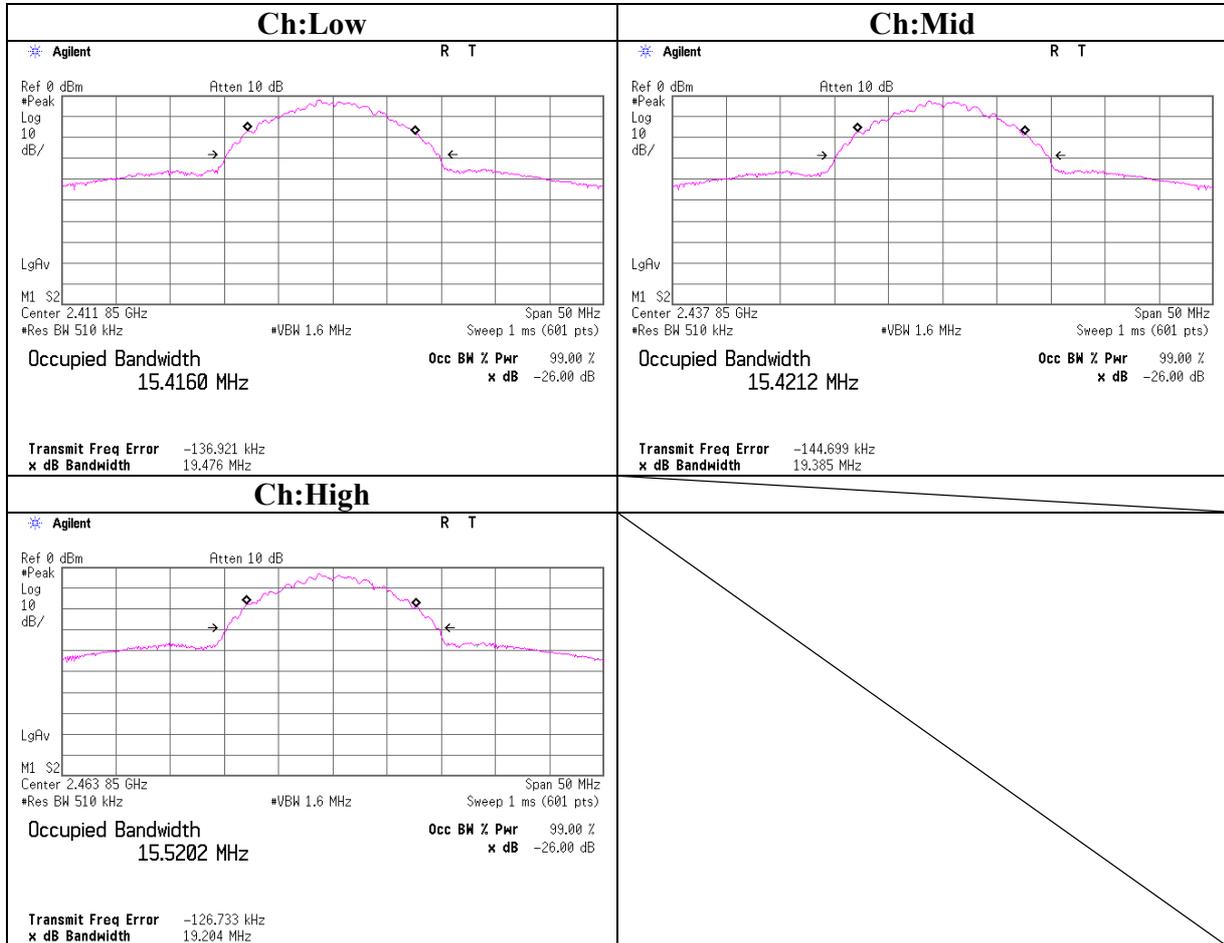
Sample Calculation:

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

**Power Density**



**99% Occupied Bandwidth**



### APPENDIX 3:Test instruments

#### EMI test equipment (1/2)

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-01	Anechoic Chamber	TDK	Semi Anechoic Chamber 10m	CE/RE	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/RE	2007/10/19 * 12
MOS-01	Digital Humidity Indicator	N.T	NT-1800	CE/RE	2007/11/12 * 12
MJM-01	Measure	KDS	ES19-55	CE/RE	-
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-01	Biconical Antenna	Schwarzbeck	BBA9106	RE	2007/10/21 * 12
MLA-09	Logperiodic Antenna	Schwarzbeck	USLP9143B	RE	2007/01/19 * 12
MCC-01	Coaxial Cable 0.1-3000MHz	Suhner/storm/Agilent/TSJ	-	RE	2007/12/26 * 12
MPA-04	Pre Amplifier	Agilent	8447D	RE	2007/07/11 * 12
MAT-06	Attenuator(6dB)	Weinschel Corp	2	RE	2007/11/14 * 12

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**EMI test equipment (2/2)**

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
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)(above1GHz)	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

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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