

APPENDIX 2: Data of EMI test

Conducted Emission

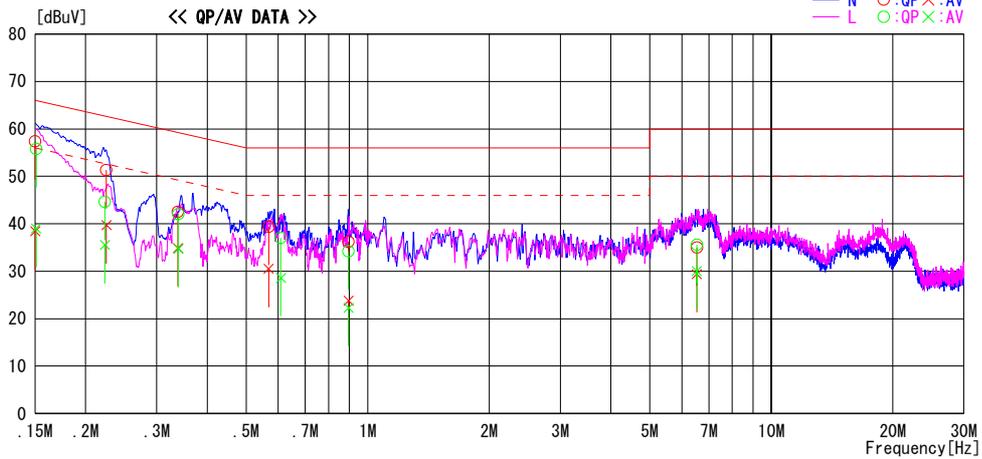
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
 Date : 2009/04/08

Company : Sony Corporation
 Kind of EUT : Wireless Audio Transmitter
 Model No. : AIR-PC10T
 Serial No. : 90005
 Report No. : 29FE0077-HO-01
 Power : DC 5.0V
 Temp./Humi. : 20deg.C. / 35%
 Engineer : Takumi Shimada

Mode / Remarks : 2438MHz Transmitting mode

LIMIT : FCC15.107(a) QP
 FCC15.107(a) 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]		
0.15000	57.1	38.1	0.3	57.4	38.4	66.0	56.0	8.6	17.6	N	
0.22516	51.0	39.4	0.3	51.3	39.7	62.6	52.6	11.3	12.9	N	
0.33876	42.2	34.6	0.3	42.5	34.9	59.2	49.2	16.7	14.3	N	
0.56814	39.1	30.2	0.3	39.4	30.5	56.0	46.0	16.6	15.5	N	
0.89603	35.9	23.5	0.3	36.2	23.8	56.0	46.0	19.8	22.2	N	
6.54202	34.2	28.6	0.8	35.0	29.4	60.0	50.0	25.0	20.6	N	
0.15087	55.5	38.7	0.3	55.8	39.0	66.0	56.0	10.2	17.0	L	
0.22310	44.3	35.2	0.3	44.6	35.5	62.7	52.7	18.1	17.2	L	
0.33955	41.7	34.4	0.3	42.0	34.7	59.2	49.2	17.2	14.5	L	
0.60904	36.7	28.3	0.3	37.0	28.6	56.0	46.0	19.0	17.4	L	
0.89639	33.9	22.0	0.3	34.2	22.3	56.0	46.0	21.8	23.7	L	
6.54214	34.8	29.2	0.8	35.6	30.0	60.0	50.0	24.4	20.0	L	

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

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

Radiated Emission

DATA OF RADIATED EMISSION TEST

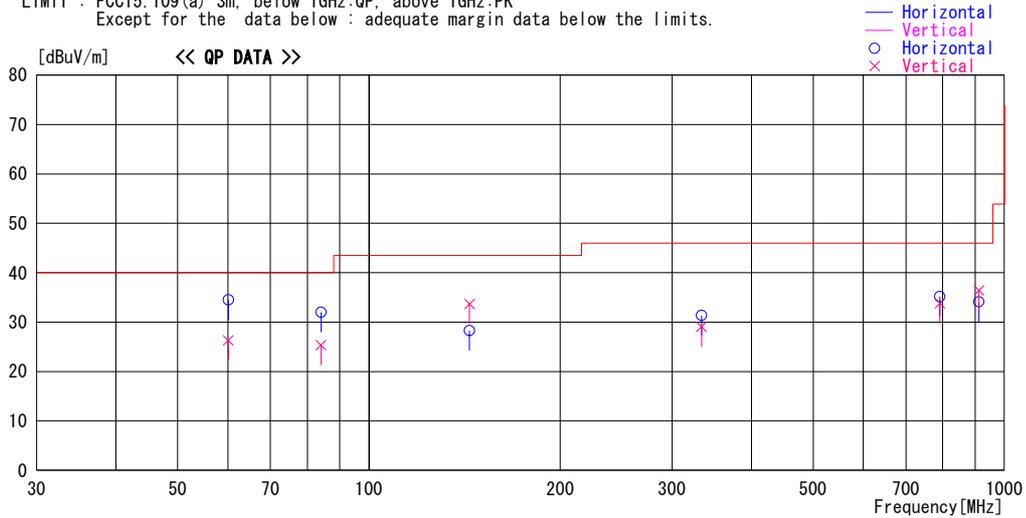
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/08

Company : Sony Corporation
Kind of EUT : Wireless Audio Transmitter
Model No. : AIR-PC10T
Serial No. : 900005

Report No. : 29FE0077-HO-01
Power : DC 5.0V
Temp./Humi. : 20deg.C. / 35%
Engineer : Takumi Shimada

Mode / Remarks : 2438MHz Transmitting mode

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



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]							
60.077	51.5	QP	7.5	-24.5	34.5	269	368	Hori.	40.0	5.5	
60.075	43.3	QP	7.5	-24.5	26.3	5	100	Vert.	40.0	13.7	
84.104	49.4	QP	6.7	-24.1	32.0	303	400	Hori.	40.0	8.0	
84.100	42.8	QP	6.7	-24.1	25.4	250	100	Vert.	40.0	14.7	
144.002	37.5	QP	14.2	-23.4	28.3	103	218	Hori.	43.5	15.2	
144.006	42.9	QP	14.2	-23.4	33.7	65	100	Vert.	43.5	9.8	
333.940	37.6	QP	15.6	-21.8	31.4	243	100	Hori.	46.0	14.6	
333.863	35.2	QP	15.6	-21.8	29.0	306	100	Vert.	46.0	17.0	
792.001	32.3	QP	21.6	-18.7	35.2	221	100	Hori.	46.0	10.8	
792.013	30.9	QP	21.6	-18.7	33.8	329	100	Vert.	46.0	12.2	
912.002	29.4	QP	22.2	-17.5	34.1	200	100	Hori.	46.0	11.9	
912.014	31.7	QP	22.2	-17.5	36.4	175	100	Vert.	46.0	9.6	

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 limit is rounded down to one decimal place.

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

APPENDIX 3: Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
MAEC-03	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	RE/CE	2009/02/02 * 12
MOS-13	Thermo-Hygrometer	Custom	CTH-180	-	RE/CE	2009/02/06 * 12
MJM-06	Measure	PROMART	SEN1955	-	RE/CE	-
CUST-MSTW-14	EMI measurement program	TSJ	TEPTO-DV	-	RE/CE	-
MSA-09	Spectrum Analyzer	Advantest	R3273	95090115	RE/CE	2008/12/24 * 12
MTR-08	Test Receiver	Rohde & Schwarz	ESCI	100767	RE/CE	2008/06/12 * 12
MBA-03	Biconical Antenna	Schwarzbeck	BBA9106	1915	RE	2009/01/19 * 12
MLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	174	RE	2009/01/10 * 12
MCC-51	Coaxial cable	UL Japan	-	-	RE	2008/07/18 * 12
MAT-30	Attenuator(6dB)	TME	UFA-01	-	RE	2009/03/02 * 12
MPA-13	Pre Amplifier	SONOMA INSTRUMENT	310	260834	RE	2009/03/18 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	8127363	CE(EUT)	2009/02/18 * 12
MCC-112	Coaxial cable	Fujikura/Suhner/TSJ	-	-	CE	2008/07/03 * 12

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

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

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

**Test Item: CE: Conducted Emission
RE: Radiated Emission**

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