EMI TEST REPORT

Test Report No. : 26CE0272-YK-1

Applicant	:	**Sony EMCS Corporation Saitama TEC**
Type of Equipment	:	**Transmitter**
Model No.	:	**TMR-RF930**
FCC ID	:	**AK8TMR930**
Test Standard	:	**FCC Part15 Subpart C,** **Section 15.207, Section 15.215, Section 15.249: 2005**
Test Result	:	**Complied**

1. This test report shall not be reproduced except in full, without the written approval of UL Apex Co., Ltd.
2. The results in this report apply only to the sample tested.
3. This equipment is in compliance with above regulation. We hereby certify that the data contain a true representation of the EMC profile.
4. The test results in this test report are traceable to the national or international standards.

Date of test: November 7 and 15, 2005

Tested by: Takahiro Suzuki & Toyokazu Imamura

Approved by: Osamu Watatani
Site Manager of Yamakita EMC Lab.

UL Apex Co., Ltd.
YAMAKITA EMC LAB.
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Table of Contents

1 Applicant Information

Company Name	:	Sony EMCS Corporation Saitama TEC
Address	:	Shinagawa INTERCITY C Tower Shinagawa Tec. 2-15-3 Konan Minato-ku, Tokyo, 108-6201 JAPAN
Telephone Number	:	+81-3-5769-5640
Facsimile Number	:	+81-3-5769-5962
Contact Person	:	Kikuo Murata

2 Product Description

Type of Equipment	:	Transmitter
Model No.	:	TMR-RF930
Serial No.	:	2020355
Rating :	:	DC9V (AC120V/60Hz)
Country of Manufacture	:	Malaysia
Receipt Date of Sample	:	November 7, 2005
Condition of EUT	:	Engineering prototype (Not for Sale: This sample is equivalent to mass-produced items.)

Model: TMR-RF930 (referred to as the EUT in this report) is a Transmitter of Wireless Speaker System SRS-RF930RK.

Frequency of operation	:	913.5 – 914.5 MHz
Type of modulation	:	FM
Antenna type	:	Integral antenna
Antenna connector type	:	None
Mode of operation	:	Simplex
Emission designation	:	F8E
Operation temperature range:		0 ~ 40 deg. C.

*FCC Part15.31 (e)

The transmitter provides the module with stable power supply (DC9V), and the power is not changed when voltage of the transmitter is varied. Therefore, the equipment complies power supply regulation.

*FCC Part15.203

The transmitter and its antenna comply with this requirement since this antenna is built in the equipment and it cannot be replaced by end users.

3 Test Specification, Procedures and Results

3.1 Test specification

Test specification : FCC Part15 Subpart C: 2005
Title : FCC 47CFR Part15 Radio Frequency Device Subpart C Intentional Radiators
Section 15.207 Conducted limits
Section 15.215 Additional provisions to the general radiated emission limitations
Section 15.249 Operation within the bands 902-928MHz, 2400-2483.5MHz, 5725-5875MHz, and 24.0-24.25MHz

3.2 Procedures & Results

Item	Test Procedure	Specification	Remarks	Deviation	Worst Margin	Results
Conducted Emission	ANSI C63.4:2003 7. AC powerline conducted emission measurements	Section 15.207	-	N/A	29.6dB (0.2903MHz, N, QP)	Complied
20dB Bandwidth	ANSI C63.4:2003 13. Measurement of intentional radiators	Section 15.215	Conducted	N/A	-	Complied
Fundamental Emission	ANSI C63.4:2003 13. Measurement of intentional radiators	Section 15.249 (a) (d)	Radiated	N/A	5.6dB (Vertical)	Complied
Spurious Emission	ANSI C63.4:2003 13. Measurement of intentional radiators	Section 15.249 (a) (d) (e)	Radiated	N/A	10.8dB (1828.00MHz, AV, Vertical)	Complied

Note: UL Apex's EMI Work Procedures No.QPM05.

* These tests were performed without any deviations from test procedure except for additions or exclusions.

3.3 Uncertainty

Conducted emission
The measurement uncertainty (with a 95% confidence level) for this test was ±1.3dB.
The data listed in this test report has enough margin, more than site margin.

Radiated emission
The measurement uncertainty (with 95% confidence level) for this test using Biconical antenna is ±4.8dB.
The measurement uncertainty (with 95% confidence level) for this test using Logperiodic antenna is ±5.2dB.
The measurement uncertainty (with 95% confidence level) for this test using Horn antenna is ±6.6dB.
The data listed in this test report has enough margin, more than site margin.

3.4 Test Location

UL Apex Co., Ltd. Yamakita EMC Lab.
907, Kawanishi, Yamakita-machi, Ashigarakami-gun, Kanagawa-ken 258-0124 JAPAN
Telephone number : +81 465 77 1011
Facsimile number : +81 465 77 2112
NVLAP Lab. code : 200441-0

No. 1 test site has been fully described in a report submitted to FCC office, and accepted on August 26, 2005 (Registration No.: 95486).
IC Registration No. : IC3489A

No. 2 test site has been fully described in a report submitted to FCC office, and accepted on April 4, 2005 (Registration No.: 466226).
IC Registration No. : IC3489A-2

No. 1 anechoic chamber has been fully described in a report submitted to FCC office, and accepted on November 2, 2005 (Registration No.: 95967).
IC Registration No. : IC3489A-B

Test room	Width x Depth x Height (m)	Test room	Width x Depth x Height (m)
No.1 shielded room	8.0 x 5.0 x 2.5	No.1 EMS lab. (Semi-anechoic chamber)	10.0 x 7.5 x 5.7
No.2 shielded room	5.0 x 4.0 x 2.5		
No.3 shielded room	4.0 x 5.0 x 2.7		

4 System Test Configuration

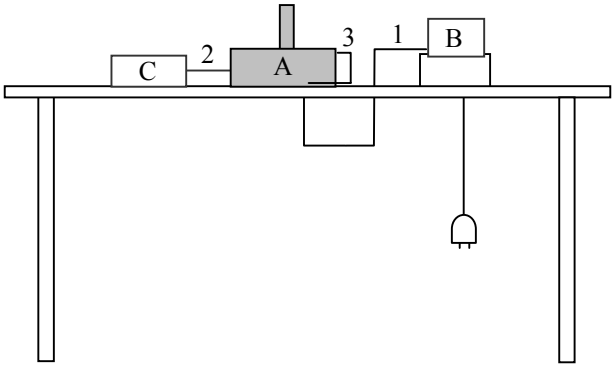
4.1 Justification

The system was configured in typical fashion (as a customer would normally use it) for testing.

Test mode: Transmitting mode (914.0MHz)

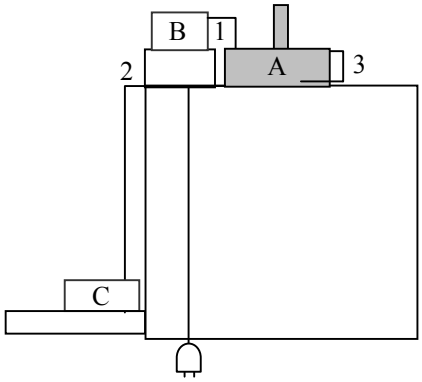
4.2 Configuration of Tested System

Front View (Conducted emission)



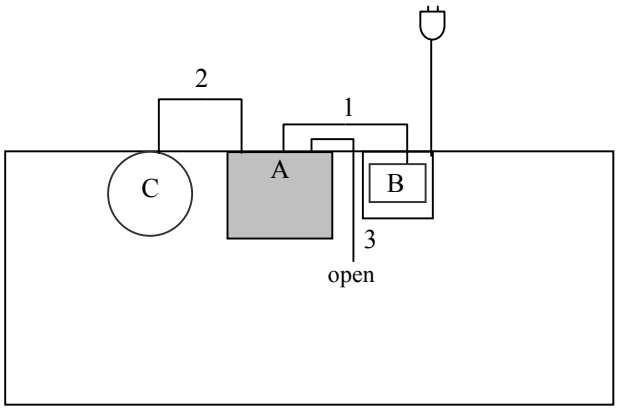
AC120V/60Hz

Front View (Radiated emission)

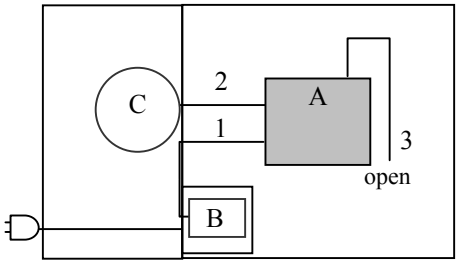


AC120V/60Hz

Top View (Conducted emission)



Top View (Radiated emission)



* Test data was taken under worse case conditions.

Description of EUT and support equipment

No.	Item	Model number	Serial number	Manufacturer	FCC ID (Remarks)
A	Transmitter	TMR-RF930	2020355	SONY	AK8TMR930 (EUT)
B	AC Adaptor	AC-S901	-	SONY	-
C	CD Player	D-NE509	5115173	SONY	- (Battery use)

List of cables used

No.	Name	Length (m)	Shield	Remark
1	AC cable	2.15	Unshielded	-
2	Audio cable	1.4	Unshielded	-
3	Audio cable	1	Unshielded	-

5 Conducted Emissions

5.1 Operating environment

The test was carried out in No.3 shielded room.

5.2 Test configuration

EUT was placed on a platform of nominal size, 1m by 1.8m, raised 80cm above the conducting ground plane.
The rear of tabletop was located 40cm to the vertical conducting plane. The rear of EUT, including peripherals was aligned and flushed with rear of tabletop. All other surfaces of tabletop were at least 80cm from any other grounded conducting surface. EUT was located 80cm from a Line Impedance Stabilization Network (LISN) and excess AC cable was bundled in center. I/O cable were connected to the peripherals were bundled in center. They were folded back and forth forming a bundle 30cm to 40cm long and were hanged at a 40cm height to the ground plane.

5.3 Test conditions

Frequency range : 0.15 - 30MHz
EUT operation mode : Transmitting

5.4 Test procedure

The EUT was connected to a LISN (AMN).
An overview sweep with peak detection has been performed.
The Conducted emission measurements were made with the following detector function of the test receiver.
Detector: QP/AV
IF Bandwidth: 10kHz

5.5 Results

Summary of the test results : Pass
Test data : APPENDIX 2 Page 15 to 17

Date : November 7, 2005 Test engineer : Takahiro Suzuki

6 Radiated Emissions

6.1 Operating environment

The test was carried out in No.2 open site.

6.2 Test configuration

EUT was placed on a platform of nominal size, 0.5m by 0.5m, raised 80cm above the conducting ground plane.
A drawing of the set up is shown in the photos of Appendix 1.

6.3 Test conditions

Frequency range : 30MHz - 10GHz
Test distance : 3m
EUT operation mode : Transmitting

6.4 Test procedure

The Radiated Electric Field Strength intensity has been measured with a ground plane and at a distance of 3m.
The measuring antenna height was varied between 1 and 4m and EUT was rotated a full revolution in order to obtain the maximum value of the electric field intensity.
The measurements were performed for both vertical and horizontal antenna polarization.

In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator confirmed 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on a radiated measurement.

Measurements were performed with QP, PK, and AV detector.
The radiated emission measurements were made with the following detector function of the test receiver.

Frequency	Below 1GHz	Above 1GHz
Instrument used	Test Receiver	Spectrum Analyzer
Detector IF Bandwidth	QP: BW 120kHz	PK: RBW: 1MHz/VBW: 1MHz AV: RBW: 1MHz/VBW: 10Hz

When using Spectrum analyzer, the test was made with adjusting span to zero by using peak hold.

6.5 Results

Summary of the test results : Pass
Test data : APPENDIX 2 Page 18 (Fundamental)
: APPENDIX 2 Page 19 to 21 (Spurious)

Date : November 7, 2005 Test engineer : Takahiro Suzuki

7 20dB Bandwidth

7.1 Operating environment

The test was carried out in preparation room of No.4 shielded room.

7.2 Test procedure

The bandwidth was measured with a spectrum analyzer connected to the antenna port.

20dB Bandwidth : 85.77kHz
Occupied Bandwidth (99%) : 114.53kHz

7.3 Results

Summary of the test results : Pass
Test data : APPENDIX 2 Page 22

Date : November 15, 2005 Test engineer : Toyokazu Imamura

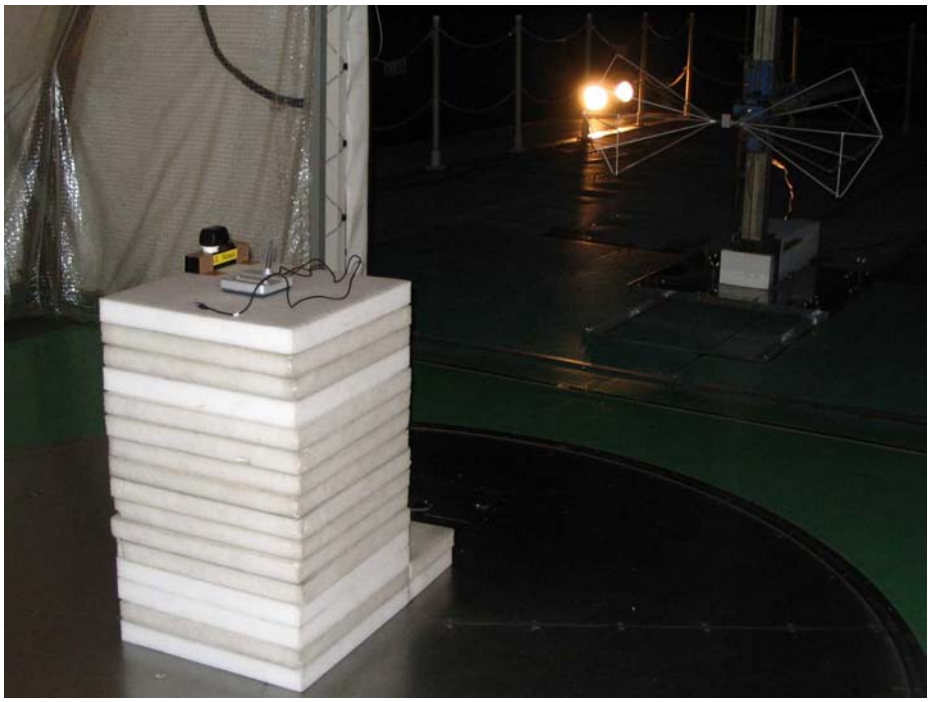
APPENDIX 1: Photographs of test setup

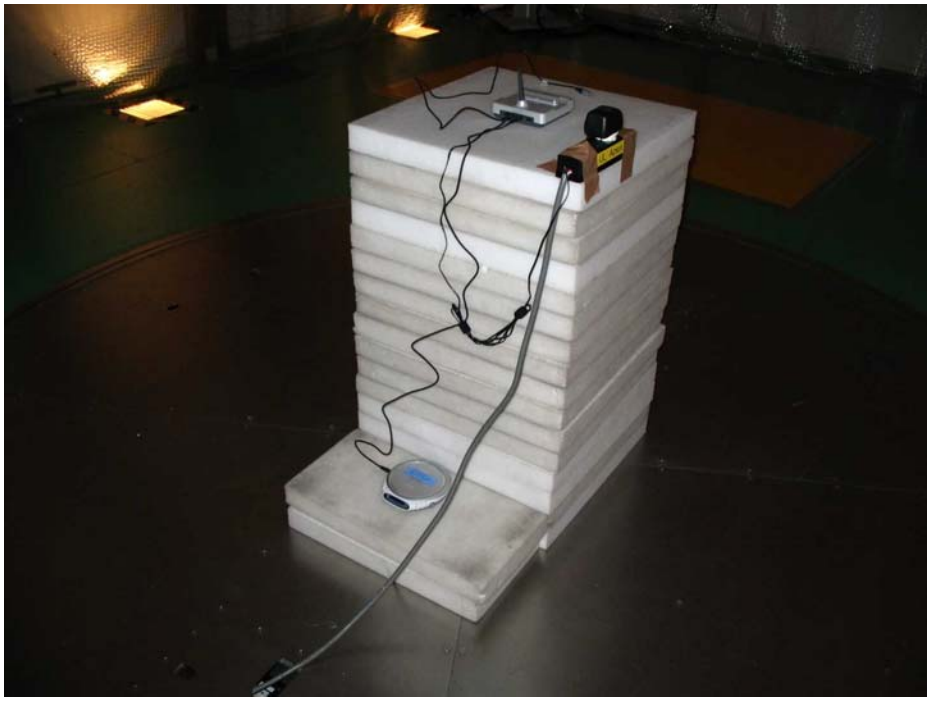
APPENDIX 2: Test Data

APPENDIX 3: Test instruments

Conducted emission

Radiated emission





DATA OF CONDUCTION TEST

UL Apex Co.,Ltd.
YAMAKITA No.3 SHIELD TEST ROOM
Report No.: 26CE0272-YK - 1

Applicant	: Sony EMCS Corporation Saitama TEC		
Kind of Equipment	: Transmitter		
Model No.	: TMR-RF930		
Serial No.	: 2020355		
Power	: AC120V/60Hz		
Mode	: Transmitting(914.0MHz)		
Remarks	:		
Date	: 11/7/2005		
Phase	: Single Phase		
Temperature	: 21 ℃	Engineer	: Takahiro Suzuki
Humidity	: 56 %		
Regulation	: FCC Part15C §15.207.(CISPR Pub.22)		

No.	FREQ.	READING(N) QP	READING(N) AV	READING(L1) QP	READING(L1) AV	LISN FACTOR	CABLE LOSS	ATTEN.	RESULT QP	RESULT AV	LIMITS QP	LIMITS AV	MARGIN QP	MARGIN AV
	[MHz]	[dBμV]		[dBμV]		[dB]	[dB]	[dB]	[dB]		[dBμV]		[dBμV]	
1.	0.1500	29.3	-	29.2	-	0.1	0.1	0.0	29.5	-	66.0	56.0	36.5	-
2.	0.2848	30.6	-	30.2	-	0.1	0.1	0.0	30.8	-	60.7	50.7	29.9	-
3.	0.2903	30.7	-	30.5	-	0.1	0.1	0.0	30.9	-	60.5	50.5	29.6	-
4.	0.4481	24.0	-	23.9	-	0.1	0.2	0.0	24.3	-	56.9	46.9	32.6	-
5.	0.5000	22.2	-	23.6	-	0.1	0.2	0.0	23.9	-	56.0	46.0	32.1	-
6.	0.6222	19.4	-	20.6	-	0.1	0.2	0.0	20.9	-	56.0	46.0	35.1	-

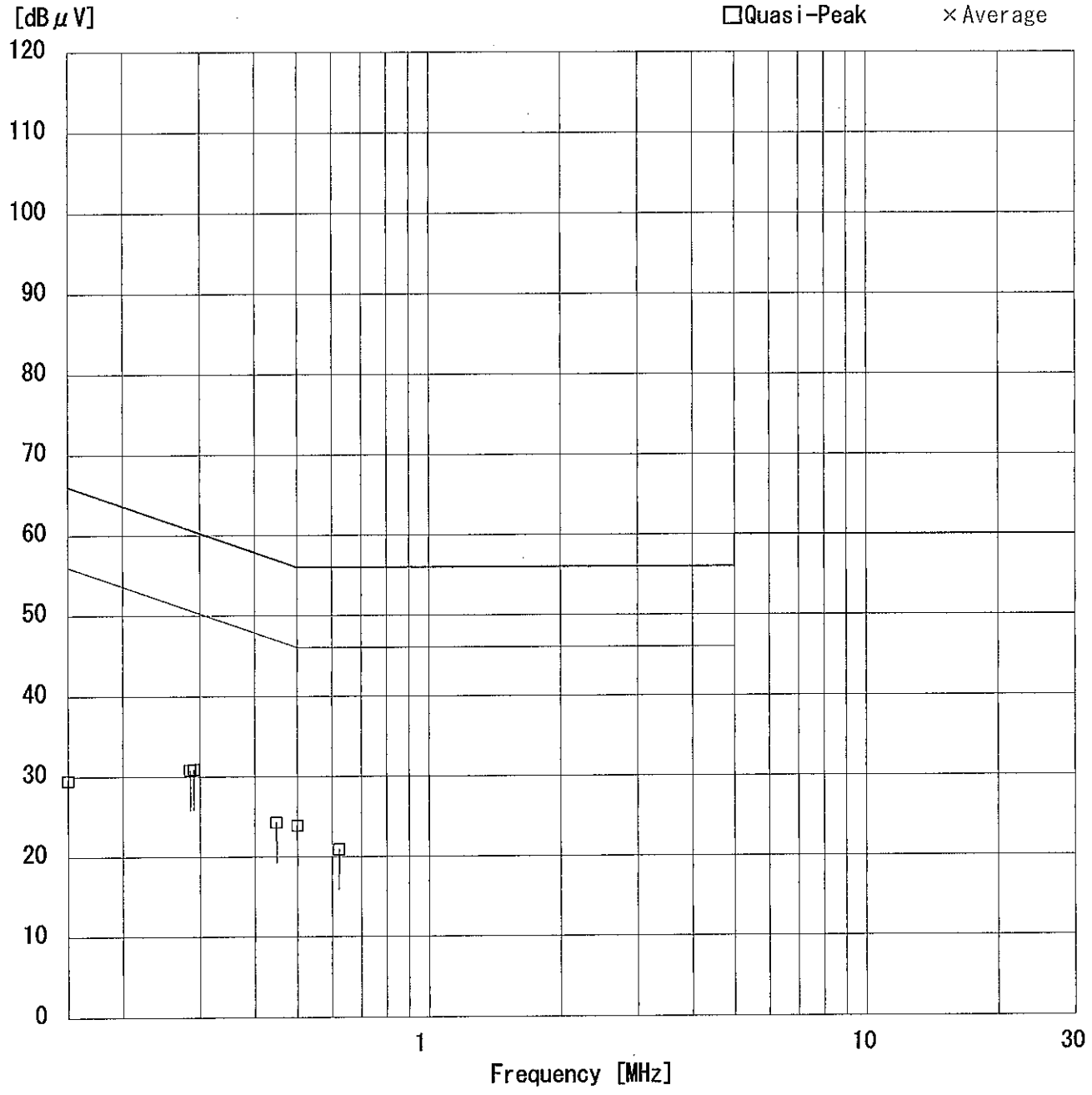
CALCULATION: READING + LISN FACTOR + CABLE LOSS + ATTEN.

■LISN:KLS-05(NSLK8126) ■COAXIAL CABLE:KCC-24/25/26/28
■PULSE LIMITTER:KPL-02 ■EMI RECEIVER:KTR-03(ESHS10)

DATA OF CONDUCTION TEST

UL Apex Co.,Ltd.
YAMAKITA No.3 SHIELD TEST ROOM
Report No.: 26CE0272-YK-1

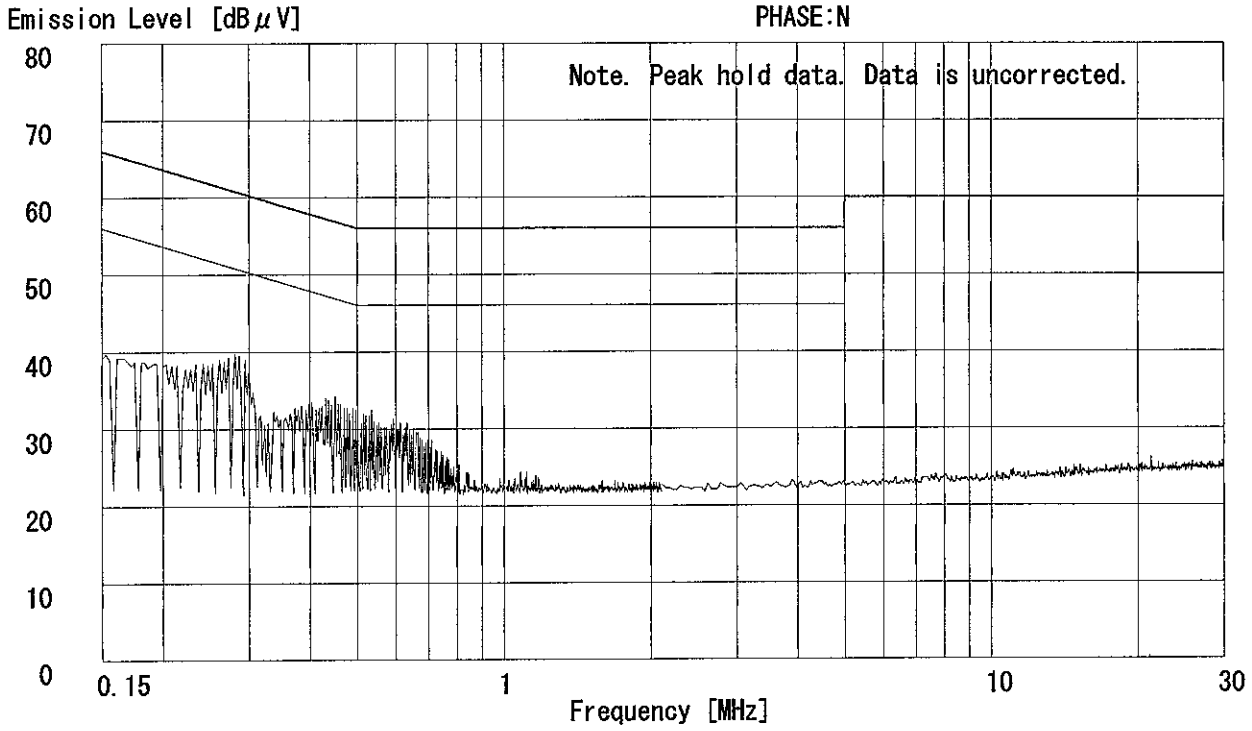
Applicant	: Sony EMCS Corporation Saitama TEC		
Kind of Equipment	: Transmitter		
Model No.	: TMR-RF930		
Serial No.	: 2020355		
Power	: AC120V/60Hz		
Mode	: Transmitting(914.0MHz)		
Remarks	:		
Date	: 11/7/2005		
Phase	: Single Phase		
Temperature	: 21 ℃	Engineer	: Takahiro Suzuki
Humidity	: 56 %		
Regulation	: FCC Part15C §15.207.(CISPR Pub.22)		

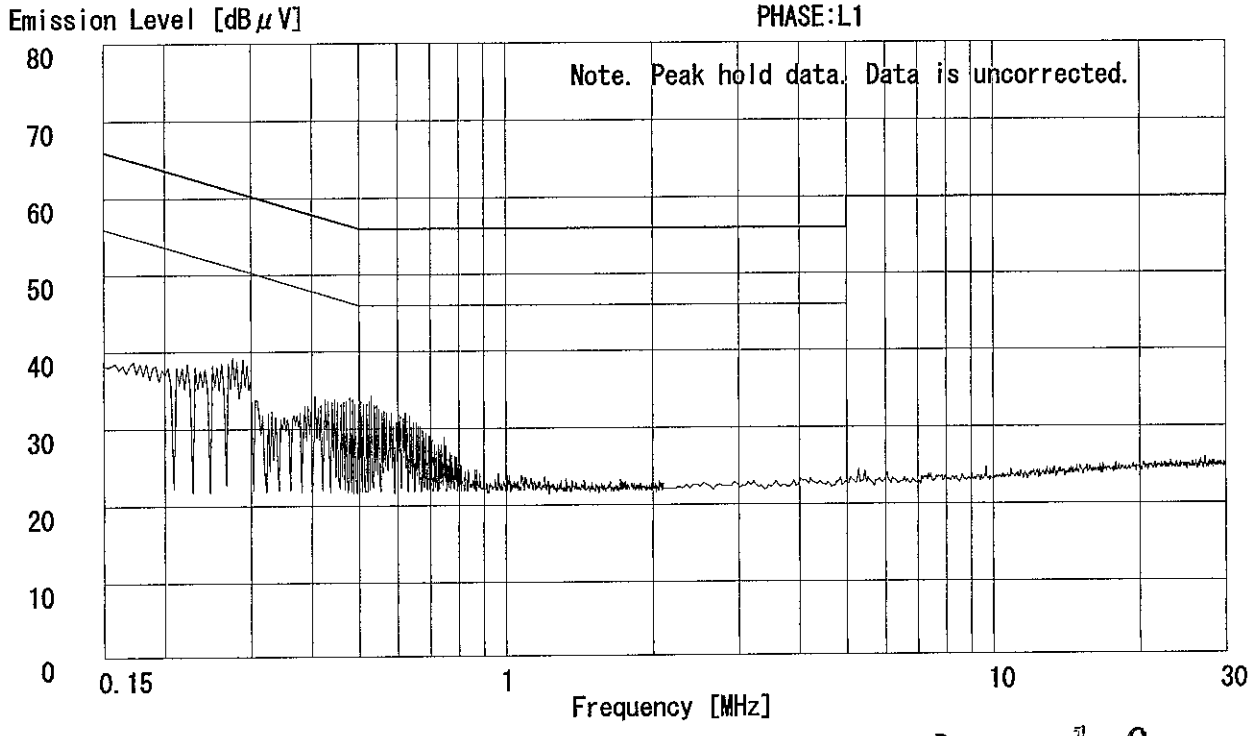


DATA OF CONDUCTION TEST CHART

UL Apex Co.,Ltd.
YAMAKITA No.3 SHIELD TEST ROOM
Report No. : 26CE0272-YK- I

Applicant	: Sony EMCS Corporation Saitama TEC		
Kind of Equipment	: Transmitter		
Model No.	: TMR-RF930		
Serial No.	: 2020355		
Power	: AC120V/60Hz		
Mode	: Transmitting(914.0MHz)		
Remarks	:		
Date	: 11/7/2005		
Phase	: Single Phase		
Temperature	: 21 ℃	Engineer	: Takahiro Suzuki
Humidity	: 56 %		
Regulation 1	: FCC Part15C §15.207.(CISPR Pub.22)		
Regulation 2	: FCC Part15C §15.207.(CISPR Pub.22)		





DATA OF RADIATION TEST

UL Apex Co.,Ltd.
Yamakita No.2 Open Test Site
Report No.: 26CE0272-YK-1

Applicant	: Sony EMCS Corporation Saitama TEC		
Kind of Equipment	: Transmitter		
Model No.	: TMR-RF930		
Serial No.	: 2020355		
Power	: AC120V/60Hz		
Mode	: Transmitting(914.0MHz)		
Remarks	:		
Date	: 11/7/2005		
Test Distance	: 3 m		
Temperature	: 21 ℃	Engineer	: Takahiro Suzuki
Humidity	: 63 %		
Regulation	: FCC Part15C §15.249(a)Fundamental(D:3m)		

No.	FREQ. [MHz]	ANT TYPE	READING HOR [dBμV]	READING VER [dBμV]	ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT HOR [dBμV/m]	RESULT VER [dBμV/m]	LIMITS [dBμV/m]	MARGIN HOR [dB]	MARGIN VER [dB]
1.	914.00	BB	78.7	81.5	22.5	28.4	6.9	5.8	85.5	88.3	93.9	8.4	5.6

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.

■ANTENNA:KBA-02(BBA9106)30-299MHz/KLA-02(USLP9143)300-1000MHz
■AMP:KAF-03(8447D) ■RECEIVER:KTR-01(ESI40) ■CABLE:KCC-20/21/22/23/29

DATA OF RADIATION TEST

UL Apex Co.,Ltd.
Yamakita No.2 Open Test Site
Report No.: 26CE0272-YK = 1

Applicant : Sony EMCS Corporation Saitama TEC
Kind of Equipment : Transmitter
Model No. : TMR-RF930
Serial No. : 2020355
Power : AC120V/60Hz
Mode : Transmitting(914.0MHz)
Remarks :
Date : 11/7/2005
Test Distance : 3 m
Temperature : 21 ℃ Engineer : Takahiro Suzuki
Humidity : 63 %
Regulation : FCC Part15C §15.209

No.	FREQ. [MHz]	ANT TYPE	READING HOR [dBμV]	READING VER [dBμV]	ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT HOR [dBμV/m]	RESULT VER [dBμV/m]	LIMITS [dBμV/m]	MARGIN HOR [dB]	MARGIN VER [dB]
1.	52.07	BB	23.3	35.2	11.3	27.8	1.5	5.8	14.1	26.0	40.0	25.9	14.0
2.	92.35	BB	27.9	26.3	9.1	27.7	2.0	5.8	17.1	15.5	43.5	26.4	28.0
3.	118.50	BB	29.0	33.4	13.3	27.8	2.3	5.8	22.6	27.0	43.5	20.9	16.5
4.	141.10	BB	26.6	27.6	15.0	27.8	2.5	5.8	22.1	23.1	43.5	21.4	20.4
5.	320.85	BB	21.7	22.9	15.0	27.5	3.9	5.8	18.9	20.1	46.0	27.1	25.9
6.	440.00	BB	22.8	23.0	17.7	28.2	4.6	5.8	22.7	22.9	46.0	23.3	23.1

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.

■ANTENNA:KBA-02(BBA9106)30-299MHz/KLA-02(USLP9143)300-1000MHz
■AMP:KAF-03(8447D) ■RECEIVER:KTR-01(ESI40) ■CABLE:KCC-20/21/22/23/29

DATA OF RADIATION TEST

UL Apex Co.,Ltd.
Yamakita No.2 Open Test Site
Report No.: 26CE0272-YK - 1

Applicant : Sony EMCS Corporation Saitama TEC
Kind of Equipment : Transmitter
Model No. : TMR-RF930
Serial No. : 2020355
Power : AC120V/60Hz
Mode : Transmitting(914.0MHz)
Remarks : AV(RBW:1MHz, VBW:10Hz)
Date : 11/7/2005
Test Distance : 3 m
Temperature : 21 ℃ Engineer : Takahiro Suzuki
Humidity : 63 %
Regulation : FCC Part15C §15.209(AV Detection)

No.	FREQ. [MHz]	ANT TYPE	READING HOR [dBμV]	READING VER [dBμV]	ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT HOR [dBμV/m]	RESULT VER [dBμV/m]	LIMITS [dBμV/m]	MARGIN HOR [dB]	MARGIN VER [dB]
1.	1828.00	BB	39.9	40.2	24.4	34.9	3.5	10.0	42.9	43.2	54.0	11.1	10.8
2.	2742.00	BB	35.4	35.8	26.5	34.5	4.2	10.1	41.7	42.1	54.0	12.3	11.9
3.	3656.00	BB	31.2	35.1	27.5	33.3	4.9	0.7	31.0	34.9	54.0	23.0	19.1
4.	4570.00	BB	28.3	29.6	29.8	34.0	5.4	0.5	30.0	31.3	54.0	24.0	22.7
5.	5484.00	BB	28.2	28.4	30.8	34.0	5.9	1.0	31.9	32.1	54.0	22.1	21.9
6.	6398.00	BB	28.9	28.9	32.6	34.2	6.2	0.3	33.8	33.8	54.0	20.2	20.2
7.	7312.00	BB	29.6	29.6	34.3	34.3	6.7	0.2	36.5	36.5	54.0	17.5	17.5
8.	8226.00	BB	29.7	29.8	35.6	34.5	7.0	0.4	38.2	38.3	54.0	15.8	15.7
9.	9140.00	BB	29.9	30.1	36.0	34.7	7.1	0.5	38.8	39.0	54.0	15.2	15.0

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.

■ANTENNA:HA-05(1-18GHz)
■AMP:KAF-04(8449B) ■SPECTRUM ANALYZER:KSA-04 ■CABLE:KCC-D3/D7

DATA OF RADIATION TEST

UL Apex Co.,Ltd.
Yamakita No.2 Open Test Site
Report No.: 26CE0272-YK = 1

Applicant : Sony EMCS Corporation Saitama TEC
Kind of Equipment : Transmitter
Model No. : TMR-RF930
Serial No. : 2020355
Power : AC120V/60Hz
Mode : Transmitting(914.0MHz)
Remarks : PK(RBW:1MHz, VBW:1MHz)
Date : 11/7/2005
Test Distance : 3 m
Temperature : 21 ℃ Engineer : Takahiro Suzuki
Humidity : 63 %
Regulation : FCC Part15C §15.209(PK Detection)

No.	FREQ. [MHz]	ANT TYPE	READING HOR [dBμV]	READING VER [dBμV]	ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT HOR [dBμV/m]	RESULT VER [dBμV/m]	LIMITS [dBμV/m]	MARGIN HOR [dB]	MARGIN VER [dB]
1.	1828.00	BB	46.8	46.7	24.4	34.9	3.5	10.0	49.8	49.7	74.0	24.2	24.3
2.	2742.00	BB	44.6	44.9	26.5	34.5	4.2	10.1	50.9	51.2	74.0	23.1	22.8
3.	3656.00	BB	38.8	43.0	27.5	33.3	4.9	0.7	38.6	42.8	74.0	35.4	31.2
4.	4570.00	BB	37.9	38.6	29.8	34.0	5.4	0.5	39.6	40.3	74.0	34.4	33.7
5.	5484.00	BB	39.0	37.2	30.8	34.0	5.9	1.0	42.7	40.9	74.0	31.3	33.1
6.	6398.00	BB	37.8	38.1	32.6	34.2	6.2	0.3	42.7	43.0	74.0	31.3	31.0
7.	7312.00	BB	38.2	38.9	34.3	34.3	6.7	0.2	45.1	45.8	74.0	28.9	28.2
8.	8226.00	BB	37.6	40.1	35.6	34.5	7.0	0.4	46.1	48.6	74.0	27.9	25.4
9.	9140.00	BB	38.9	39.8	36.0	34.7	7.1	0.5	47.8	48.7	74.0	26.2	25.3

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.

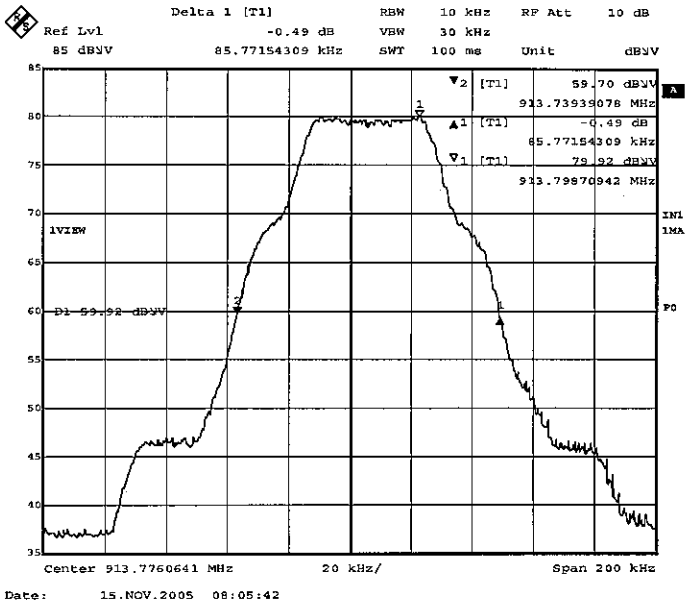
■ANTENNA:HA-05(1-18GHz)
■AMP:KAF-04(8449B) ■SPECTRUM ANALYZER:KSA-04 ■CABLE:KCC-D3/D7

20dB Bandwidth: FCC 15.215(c)

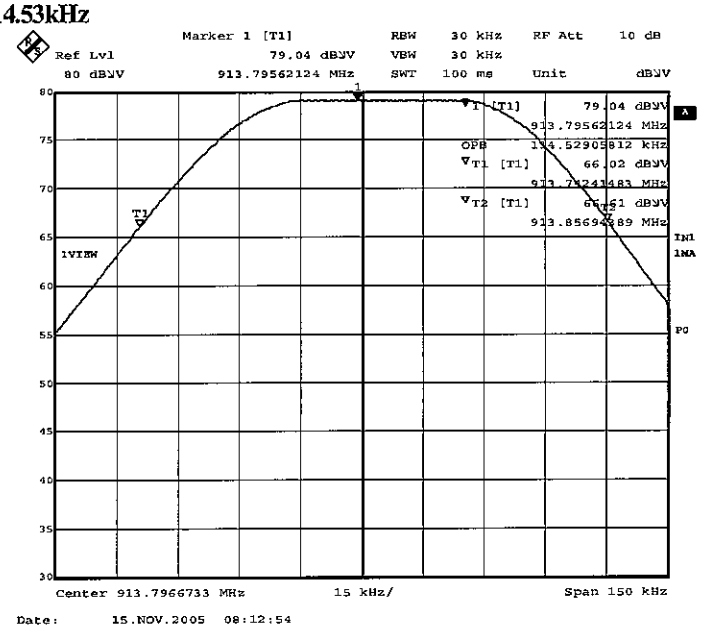
UL Apex Co.,Ltd. Yamakita No.4 Shielded Room

COMPANY	: Sony EMCS Corporation Saitama Tec	REPORT NO	: 25LE0272-YK-1
EQUIPMENT	: Transmitter	REGULATION	: Fcc Part15SubpartC 215(c)
MODEL NUMBER	: TMR-RF930	DATE	: 2005/11/15
SERIAL NUMBER	: 2020355	TEMP./HUMI	: 25℃/39%
FCC ID	: AK8TMR930	TEST MODE	: Transmitting
POWER	: AC120V/60Hz	ENGINEER	: Toyokazu Imamura
Remarks	: -		

20dB Bandwidth:85.77kHz



Occupied Bandwidth(99%): 114.53kHz



Test Report No :26CE0272-YK-1

APPENDIX 3
Test Instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
KAF-03	Pre Amplifier	Hewlett Packard	8447D	RE	2005/09/09 * 12
KAF-04	Pre Amplifier	Agilent	8449B	RE	2005/04/28 * 12
KAT10-S1	Attenuator	Agilent	8449D 010	RE	2005/04/12 * 12
KAT6-03	Attenuator	INMET	18N-6dB	RE	2005/04/07 * 12
KBA-02	Biconical Antenna	Schwarzbeck	BBA9106	RE	2005/07/29 * 12
KCC-20/21/22/23/29	Coaxial Cable	Fujikura/Suhner	8D-2W/12D-SFA/S04272B/S04272B	RE	2005/09/02 * 12
KCC-24/25/26/28/KPL-02	Coaxial Cable/Pulse Limitter	Fujikura/Suhner/PMM	5D-2W/5D-2W/S04272B/S04272B/PL01	CE	2005/09/02 * 12
KCC-D3/D7	Coaxial Cable	Rosenberger/Advantest	2201/JUN-08-01-061	RE	2005/04/12 * 12
KCC-D14/D15	Coaxial cable	Suhner	SUCOFLEX 104	RE	2005/01/12 * 12
KFL-01	Highpass Filter	Hewlett Packard	84300 80038	RE	2005/04/12 * 12
KLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2005/07/29 * 12
KLS-05	LISN(AMN)	Schwarzbeck	NSLK8126	CE	2005/09/06 * 12
KOTS-02	Open Test Site	JSE	10m	RE	2005/08/07 * 12
KSA-02	Spectrum Analyzer	Advantest	R3265A	CE/RE	2005/11/10 * 12
KSA-04	Spectrum Analyzer	Advantest	R3271A	RE	2005/09/13 * 12
KTR-03	Test Receiver	Rohde & Schwarz	ESHS10	CE	2005/05/11 * 12
HA-05	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2005/04/06 * 12
KSCA-01	Search coil	TSJ	SC01	BW	Pre Check
KTR-01	Test Receiver	Rohde & Schwarz	ESI40	BW	2005/08/05 * 12
KCC-A7	Coaxial Cable	Fujikura	5D-2W	BW	2005/01/06 * 12

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

Test Item:

CE: Conducted emission,
RE: Radiated emission
BW: 20dB Bandwidth