

DATA OF CONDUCTION TEST CHART

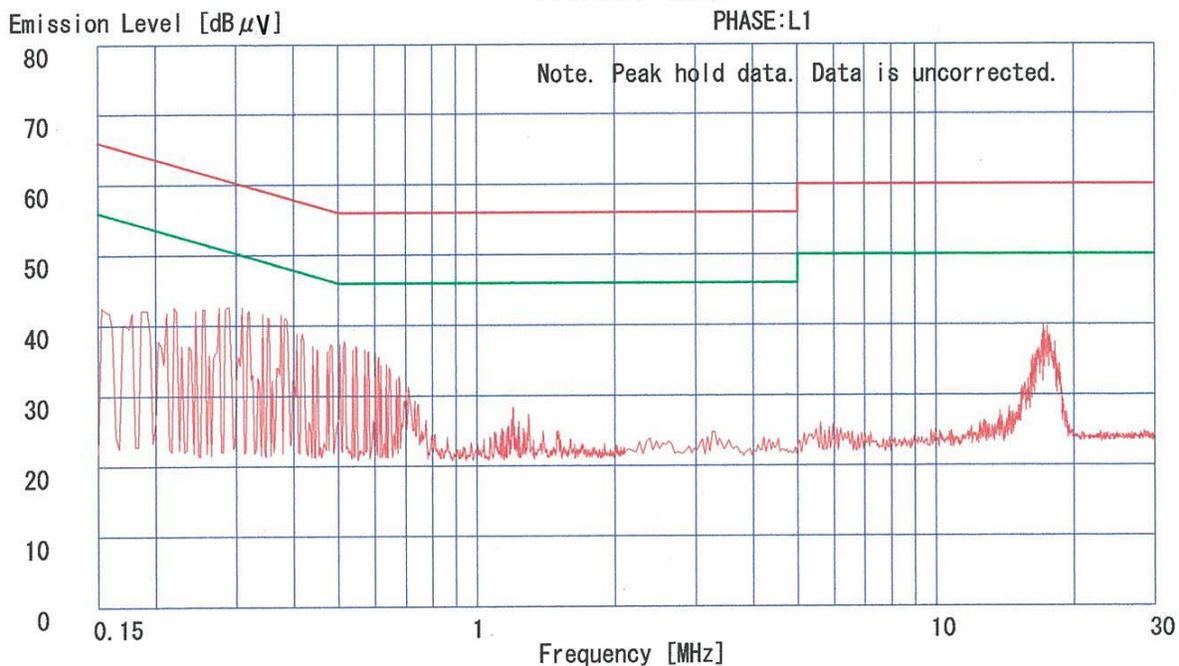
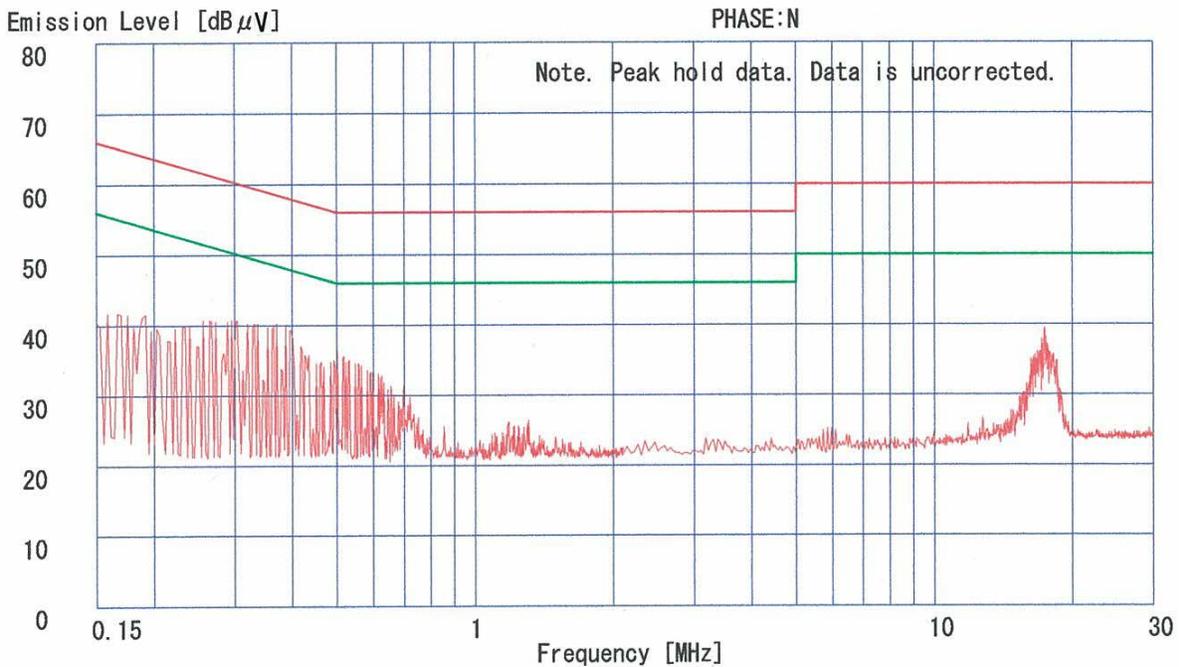
UL Apex Co.,Ltd.

Yamakita No.3 Shielded Room

Report No. : AF04049- 1

Applicant : Sony EMCS Corporation Kisarazu TEC
Kind of Equipment : RF TRANSMITTER
Model No. : TMR-HT1
Serial No. : 8
Power : AC120V/60Hz
Mode : Transmitting (CH3)
Remarks :
Date : 2/26/2004
Temperature : 22 °C
Humidity : 39 %
Regulation 1 : FCC Part15C § 15. 207. (CISPR Pub. 22)
Regulation 2 : None

Engineer : Akira Sato



DATA OF RADIATION TEST

UL Apex Co., Ltd.
Yamakita No.2 Open Test Site
Report No. : AF04049 ¹

Applicant : Sony EMCS Corporation Kisarazu TEC
Kind of Equipment : RF TRANSMITTER
Model No. : TMR-HT1
Serial No. : 8
Power : AC120V/60Hz
Mode : Transmitting(CH1)
Remarks : MHC-GX750
Date : 2/23/2004
Test Distance : 3 m
Temperature : 21 °C
Humidity : 46 %
Regulation : FCC Part15C § 15. 249 (a) Fundamental (D:3m)


Engineer : Toyokazu Imamura

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	913.47	BB	78.2	80.7	22.5	28.7	7.0	5.8	84.8	87.3	93.9	9.1	6.6

CALCULATION: READING[dB μ V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB].

■ ANTENNA : KBA-02 (BBA9106) 30-299MHz/KLA-02 (USLP9143) 300-1000MHz
■ AMP : KAF-03 (8447D) ■ RECEIVER : KTR-01 (ES140) ■ CABLE : KCC-20/21/22/23/29

DATA OF RADIATION TEST

UL Apex Co., Ltd.
Yamakita No.2 Open Test Site
Report No. : AF04049 ^{REV} 1

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : RF TRANSMITTER
 Model No. : TMR-HT1
 Serial No. : 8
 Power : AC120V/60Hz
 Mode : Transmitting (CH2)
 Remarks : MHC-GX750
 Date : 2/23/2004
 Test Distance : 3 m
 Temperature : 21 °C
 Humidity : 46 %
 Regulation : FCC Part15C § 15. 249 (a) Fundamental (D:3m)



 Engineer : Toyokazu Imamura

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	913.87	BB	79.5	80.5	22.5	28.7	7.0	5.8	86.1	87.1	93.9	7.8	6.8

CALCULATION: $READING[dB \mu V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB]$.

■ ANTENNA: KBA-02 (BBA9106) 30-299MHz/KLA-02 (USLP9143) 300-1000MHz
 ■ AMP: KAF-03 (8447D) ■ RECEIVER: KTR-01 (ES140) ■ CABLE: KCC-20/21/22/23/29

DATA OF RADIATION TEST

UL Apex Co., Ltd.
Yamakita No.2 Open Test Site
Report No. : AF04049 - 1

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : RF TRANSMITTER
 Model No. : TMR-HT1
 Serial No. : 8
 Power : AC120V/60Hz
 Mode : Transmitting(CH3)
 Remarks : MHC-GX750
 Date : 2/23/2004
 Test Distance : 3 m
 Temperature : 21 °C
 Humidity : 46 %
 Regulation : FCC Part15C § 15.249(a) Fundamental (D:3m)



 Engineer : Toyokazu Imamura

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	914.27	BB	80.2	81.1	22.6	28.7	7.0	5.8	86.9	87.8	93.9	7.0	6.1

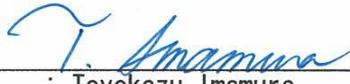
CALCULATION: $READING[dB \mu V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB]$.

■ ANTENNA : KBA-02 (BBA9106) 30-299MHz/KLA-02 (USLP9143) 300-1000MHz
 ■ AMP : KAF-03 (8447D) ■ RECEIVER : KTR-01 (ES140) ■ CABLE : KCC-20/21/22/23/29

DATA OF RADIATION TEST

UL Apex Co., Ltd.
Yamakita No.2 Open Test Site
Report No. : AF04049 - 1

Applicant : Sony EMCS Corporation Kisarazu TEC
Kind of Equipment : RF TRANSMITTER
Model No. : TMR-HT1
Serial No. : 8
Power : AC120V/60Hz
Mode : Transmitting (CH1)
Remarks :
Date : 2/23/2004
Test Distance : 3 m
Temperature : 21 °C
Humidity : 46 %
Regulation : FCC Part15C § 15.209


Engineer : Toyokazu Imamura

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	67.74	BB	39.0	42.8	6.8	28.0	1.6	5.8	25.2	29.0	40.0	14.8	11.0
2.	88.22	BB	43.0	46.0	6.4	27.8	1.9	5.8	29.3	32.3	43.5	14.2	11.2
3.	152.41	BB	39.8	34.1	15.0	27.8	2.6	5.8	35.4	29.7	43.5	8.1	13.8
4.	158.05	BB	38.9	31.9	14.9	27.7	2.6	5.8	34.5	27.5	43.5	9.0	16.0
5.	163.70	BB	36.5	29.6	15.0	27.7	2.6	5.8	32.2	25.3	43.5	11.3	18.2
6.	412.63	BB	32.2	29.2	17.5	28.3	4.6	5.8	31.8	28.8	46.0	14.2	17.2

CALCULATION: READING[dB μ V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB].

■ 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. : AF04049- 1

Applicant : Sony EMCS Corporation Kisarazu TEC
Kind of Equipment : RF TRANSMITTER
Model No. : TMR-HT1
Serial No. : 8
Power : AC120V/60Hz
Mode : Transmitting (CH2)
Remarks :
Date : 2/23/2004
Test Distance : 3 m
Temperature : 21 °C
Humidity : 46 %
Regulation : FCC Part15C § 15.209


Engineer : Toyokazu Imamura

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	67.74	BB	40.5	42.4	6.8	28.0	1.6	5.8	26.7	28.6	40.0	13.3	11.4
2.	88.61	BB	42.0	46.5	6.4	27.8	1.9	5.8	28.3	32.8	43.5	15.2	10.7
3.	152.41	BB	40.1	36.0	15.0	27.8	2.6	5.8	35.7	31.6	43.5	7.8	11.9
4.	158.05	BB	39.1	31.1	14.9	27.7	2.6	5.8	34.7	26.7	43.5	8.8	16.8
5.	163.70	BB	36.8	29.8	15.0	27.7	2.6	5.8	32.5	25.5	43.5	11.0	18.0
6.	412.64	BB	33.6	28.9	17.5	28.3	4.6	5.8	33.2	28.5	46.0	12.8	17.5

CALCULATION: READING[dB μ V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB].

■ ANTENNA: KBA-02 (BBA9106) 30-299MHz/KLA-02 (USLP9143) 300-1000MHz
■ AMP: KAF-03 (8447D) ■ RECEIVER: KTR-01 (ES140) ■ CABLE: KCC-20/21/22/23/29

DATA OF RADIATION TEST

UL Apex Co., Ltd.
Yamakita No.2 Open Test Site
Report No. : AF04049 - 1

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : RF TRANSMITTER
 Model No. : TMR-HT1
 Serial No. : 8
 Power : AC120V/60Hz
 Mode : Transmitting (CH3)
 Remarks :
 Date : 2/23/2004
 Test Distance : 3 m
 Temperature : 21 °C
 Humidity : 46 %
 Regulation : FCC Part15C § 15.209


 Engineer : Toyokazu Imamura

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	67.73	BB	42.2	41.0	6.8	28.0	1.6	5.8	28.4	27.2	40.0	11.6	12.8
2.	89.00	BB	42.5	45.3	6.5	27.8	1.9	5.8	28.9	31.7	43.5	14.6	11.8
3.	152.41	BB	40.4	33.3	15.0	27.8	2.6	5.8	36.0	28.9	43.5	7.5	14.6
4.	158.05	BB	39.3	30.3	14.9	27.7	2.6	5.8	34.9	25.9	43.5	8.6	17.6
5.	163.69	BB	36.4	29.9	15.0	27.7	2.6	5.8	32.1	25.6	43.5	11.4	17.9
6.	412.63	BB	34.2	29.3	17.5	28.3	4.6	5.8	33.8	28.9	46.0	12.2	17.1

CALCULATION: READING[dB μ V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB].

■ ANTENNA : KBA-02 (BBA9106) 30-299MHz/KLA-02 (USLP9143) 300-1000MHz
 ■ AMP : KAF-03 (8447D) ■ RECEIVER : KTR-01 (ES140) ■ CABLE : KCC-20/21/22/23/29

DATA OF RADIATION TEST

UL Apex Co., Ltd.
Yamakita No.2 Open Test Site
Report No. : AF04049- 1

Applicant : Sony EMCS Corporation Kisarazu TEC
Kind of Equipment : RF TRANSMITTER
Model No. : TMR-HT1
Serial No. : 8
Power : AC120V/60Hz
Mode : Transmitting (CH1)
Remarks :
Date : 2/23/2004
Test Distance : 3 m
Temperature : 21 °C
Humidity : 46 %
Regulation : FCC Part15C § 15.209 (PK Detection)


Engineer : Toyokazu Imamura

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	1827.00	BB	53.4	49.1	27.5	35.0	5.7	0.0	51.6	47.3	74.0	22.4	26.7
2.	2564.01	BB	49.6	48.9	29.4	34.7	6.1	0.0	50.4	49.7	74.0	23.6	24.3
3.	2740.40	BB	49.2	50.4	29.4	34.7	6.2	0.0	50.1	51.3	74.0	23.9	22.7
4.	3654.10	BB	42.6	44.0	30.5	34.1	7.2	0.0	46.2	47.6	74.0	27.8	26.4
5.	4567.39	BB	41.6	42.9	32.0	34.2	8.3	0.0	47.7	49.0	74.0	26.3	25.0
6.	5480.80	BB	42.9	43.2	33.5	34.0	8.4	0.0	50.8	51.1	74.0	23.2	22.9
7.	6394.28	BB	44.6	43.9	35.6	34.0	9.1	0.0	55.3	54.6	74.0	18.7	19.4
8.	7307.75	BB	43.4	42.6	37.8	34.2	10.4	0.0	57.4	56.6	74.0	16.6	17.4
9.	8221.22	BB	42.9	43.2	37.8	34.4	11.4	0.0	57.7	58.0	74.0	16.3	16.0
10.	9134.70	BB	42.4	43.3	39.5	34.4	11.8	0.0	59.3	60.2	74.0	14.7	13.8

CALCULATION: READING[dB μ V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB].

■ ANTENNA: KHA-02 (1-18GHz)

■ AMP: KAF-04 (8449B) ■ RECEIVER: KTR-01 (ESI40) ■ CABLE: KCC-D8/D9/D10

DATA OF RADIATION TEST

UL Apex Co., Ltd.
Yamakita No.2 Open Test Site
Report No. : AF04049 - 1

Applicant : Sony EMCS Corporation Kisarazu TEC
Kind of Equipment : RF TRANSMITTER
Model No. : TMR-HT1
Serial No. : 8
Power : AC120V/60Hz
Mode : Transmitting (CH1)
Remarks :
Date : 2/23/2004
Test Distance : 3 m
Temperature : 21 °C
Humidity : 46 %
Regulation : FCC Part15C §15.209 (AV Detection)


Engineer : Toyokazu Imamura

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μV/m]	MARGIN	
			HOR [dB μV]	VER					HOR [dB μV/m]	VER		HOR [dB]	VER
1.	1827.00	BB	50.4	43.4	27.5	35.0	5.7	0.0	48.6	41.6	54.0	5.4	12.4
2.	2564.01	BB	44.3	43.5	29.4	34.7	6.1	0.0	45.1	44.3	54.0	8.9	9.7
3.	2740.40	BB	44.0	46.0	29.4	34.7	6.2	0.0	44.9	46.9	54.0	9.1	7.1
4.	3654.10	BB	30.1	32.6	30.5	34.1	5.0	0.9	32.4	34.9	54.0	21.6	19.1
5.	4567.39	BB	28.9	31.3	32.0	34.2	5.7	0.7	33.1	35.5	54.0	20.9	18.5
6.	5480.80	BB	29.8	29.8	33.5	34.0	5.9	0.9	36.1	36.1	54.0	17.9	17.9
7.	6394.28	BB	31.2	31.3	35.6	34.0	6.2	0.2	39.2	39.3	54.0	14.8	14.7
8.	7307.75	BB	30.1	30.1	37.8	34.2	6.6	0.5	40.8	40.8	54.0	13.2	13.2
9.	8221.22	BB	30.3	30.3	37.8	34.4	6.8	0.6	41.1	41.1	54.0	12.9	12.9
10.	9134.70	BB	30.2	30.1	39.5	34.4	7.1	0.4	42.8	42.7	54.0	11.2	11.3

CALCULATION: READING [dB μV] + ANT. FACTOR [dB/m] + CABLE LOSS [dB] - AMP. GAIN [dB] + ATTEN [dB].

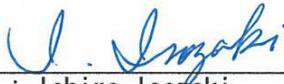
■ ANTENNA: KHA-02 (1-18GHz)

■ AMP: KAF-04 (8449B) ■ RECEIVER: KTR-01 (ES140) ■ CABLE: KCC-D8/D9/D10

DATA OF RADIATION TEST

UL Apex Co., Ltd.
Yamakita No.2 Open Test Site
Report No. : AF04049 - 1

Applicant : Sony EMCS Corporation Kisarazu TEC
Kind of Equipment : RF TRANSMITTER
Model No. : TMR-HT1
Serial No. : 8
Power : AC120V/60Hz
Mode : Transmitting(CH2)
Remarks :
Date : 2/23/2004
Test Distance : 3 m
Temperature : 21 °C
Humidity : 46 %
Regulation : FCC Part15C § 15.209(PK Detection)


Engineer : Ichiro Isozaki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	1827.74	BB	55.1	53.7	27.5	35.0	5.7	0.0	53.3	51.9	74.0	20.7	22.1
2.	2564.42	BB	47.0	49.2	29.4	34.7	6.1	0.0	47.8	50.0	74.0	26.2	24.0
3.	2741.16	BB	47.6	48.8	29.4	34.7	6.2	0.0	48.5	49.7	74.0	25.5	24.3
4.	3655.48	BB	42.5	42.0	30.5	34.1	7.2	0.0	46.1	45.6	74.0	27.9	28.4
5.	4569.35	BB	41.7	40.8	32.0	34.2	8.3	0.0	47.8	46.9	74.0	26.2	27.1
6.	5483.22	BB	41.2	42.8	33.5	34.0	8.4	0.0	49.1	50.7	74.0	24.9	23.3
7.	6397.09	BB	42.4	44.5	35.6	34.0	9.1	0.0	53.1	55.2	74.0	20.9	18.8
8.	7310.96	BB	42.6	42.0	37.8	34.2	10.4	0.0	56.6	56.0	74.0	17.4	18.0
9.	8224.83	BB	42.0	42.8	37.8	34.4	11.4	0.0	56.8	57.6	74.0	17.2	16.4
10.	9138.70	BB	41.9	41.9	39.5	34.4	11.8	0.0	58.8	58.8	74.0	15.2	15.2

CALCULATION: READING[dB μ V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB].

■ ANTENNA: KHA-02 (1-18GHz)
■ AMP: KAF-04 (8449B) ■ RECEIVER: KTR-01 (ES140) ■ CABLE: KCC-D8/D9/D10

DATA OF RADIATION TEST

UL Apex Co., Ltd.
Yamakita No.2 Open Test Site
Report No. : AF04049 - 1

Applicant : Sony EMCS Corporation Kisarazu TEC
Kind of Equipment : RF TRANSMITTER
Model No. : TMR-HT1
Serial No. : 8
Power : AC120V/60Hz
Mode : Transmitting(CH2)
Remarks :
Date : 2/23/2004
Test Distance : 3 m
Temperature : 21 °C
Humidity : 46 %
Regulation : FCC Part15C § 15.209 (AV Detection)

Engineer :  Ichiro Isozaki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	1827.74	BB	52.6	50.5	27.5	35.0	5.7	0.0	50.8	48.7	54.0	3.2	5.3
2.	2564.42	BB	41.7	45.4	29.4	34.7	6.1	0.0	42.5	46.2	54.0	11.5	7.8
3.	2741.16	BB	41.9	43.0	29.4	34.7	6.2	0.0	42.8	43.9	54.0	11.2	10.1
4.	3655.48	BB	32.4	32.8	30.5	34.1	7.2	0.0	36.0	36.4	54.0	18.0	17.6
5.	4569.35	BB	29.7	30.1	32.0	34.2	8.3	0.0	35.8	36.2	54.0	18.2	17.8
6.	5483.22	BB	29.9	30.0	33.5	34.0	8.4	0.0	37.8	37.9	54.0	16.2	16.1
7.	6397.09	BB	31.6	31.6	35.6	34.0	9.1	0.0	42.3	42.3	54.0	11.7	11.7
8.	7310.96	BB	30.5	30.5	37.8	34.2	10.4	0.0	44.5	44.5	54.0	9.5	9.5
9.	8224.83	BB	30.7	30.7	37.8	34.4	11.4	0.0	45.5	45.5	54.0	8.5	8.5
10.	9138.70	BB	30.6	30.6	39.5	34.4	11.8	0.0	47.5	47.5	54.0	6.5	6.5

CALCULATION: READING[dB μ V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB].

■ ANTENNA: KHA-02 (1-18GHz)

■ AMP: KAF-04 (8449B) ■ RECEIVER: KTR-01 (ESI40) ■ CABLE: KCC-D8/D9/D10

DATA OF RADIATION TEST

UL Apex Co., Ltd.
Yamakita No.2 Open Test Site
Report No. : AF04049 - 1

Applicant : Sony EMCS Corporation Kisarazu TEC
Kind of Equipment : RF TRANSMITTER
Model No. : TMR-HT1
Serial No. : 8
Power : AC120V/60Hz
Mode : Transmitting (CH3)
Remarks :
Date : 2/23/2004
Test Distance : 3 m
Temperature : 21 °C
Humidity : 46 %
Regulation : FCC Part15C §15.209 (PK Detection)


Engineer : Ichiro Isozaki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	1828.54	BB	51.6	50.9	27.5	35.0	5.7	0.0	49.8	49.1	74.0	24.2	24.9
2.	2564.80	BB	46.7	49.0	29.4	34.7	6.1	0.0	47.5	49.8	74.0	26.5	24.2
3.	2742.81	BB	47.3	48.1	29.4	34.7	6.2	0.0	48.2	49.0	74.0	25.8	25.0
4.	3657.08	BB	41.9	43.5	30.5	34.1	7.2	0.0	45.5	47.1	74.0	28.5	26.9
5.	4571.35	BB	41.4	41.8	32.1	34.2	8.3	0.0	47.6	48.0	74.0	26.4	26.0
6.	5458.62	BB	41.9	42.1	33.5	34.0	8.4	0.0	49.8	50.0	74.0	24.2	24.0
7.	6399.89	BB	42.7	43.2	35.6	34.0	9.1	0.0	53.4	53.9	74.0	20.6	20.1
8.	7314.16	BB	42.9	42.1	37.8	34.2	10.4	0.0	56.9	56.1	74.0	17.1	17.9
9.	8228.43	BB	43.1	42.9	37.8	34.4	11.4	0.0	57.9	57.7	74.0	16.1	16.3
10.	9142.70	BB	42.5	41.8	39.5	34.4	11.8	0.0	59.4	58.7	74.0	14.6	15.3

CALCULATION: READING [dB μ V] + ANT. FACTOR [dB/m] + CABLE LOSS [dB] - AMP. GAIN [dB] + ATTEN [dB].

■ ANTENNA: KHA-02 (1-18GHz)
■ AMP: KAF-04 (8449B) ■ RECEIVER: KTR-01 (ES140) ■ CABLE: KCC-D8/D9/D10

DATA OF RADIATION TEST

UL Apex Co., Ltd.
Yamakita No.2 Open Test Site
Report No. : AF04049- 1

Applicant : Sony EMCS Corporation Kisarazu TEC
Kind of Equipment : RF TRANSMITTER
Model No. : TMR-HT1
Serial No. : 8
Power : AC120V/60Hz
Mode : Transmitting(CH3)
Remarks :
Date : 2/23/2004
Test Distance : 3 m
Temperature : 21 °C
Humidity : 46 %
Regulation : FCC Part15C §15.209(AV Detection)


Engineer : Ichiro Isozaki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	1828.54	BB	48.9	48.0	27.5	35.0	5.7	0.0	47.1	46.2	54.0	6.9	7.8
2.	2564.80	BB	40.9	43.7	29.4	34.7	6.1	0.0	41.7	44.5	54.0	12.3	9.5
3.	2742.81	BB	43.2	44.7	29.4	34.7	6.2	0.0	44.1	45.6	54.0	9.9	8.4
4.	3657.08	BB	32.1	32.2	30.5	34.1	7.2	0.0	35.7	35.8	54.0	18.3	18.2
5.	4571.35	BB	29.3	29.9	32.1	34.2	8.3	0.0	35.5	36.1	54.0	18.5	17.9
6.	5458.62	BB	29.8	30.2	33.5	34.0	8.4	0.0	37.7	38.1	54.0	16.3	15.9
7.	6399.89	BB	31.6	31.6	35.6	34.0	9.1	0.0	42.3	42.3	54.0	11.7	11.7
8.	7314.16	BB	30.4	30.4	37.8	34.2	10.4	0.0	44.4	44.4	54.0	9.6	9.6
9.	8228.43	BB	30.6	30.6	37.8	34.4	11.4	0.0	45.4	45.4	54.0	8.6	8.6
10.	9142.70	BB	30.5	30.5	39.5	34.4	11.8	0.0	47.4	47.4	54.0	6.6	6.6

CALCULATION: READING[dB μ V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB].

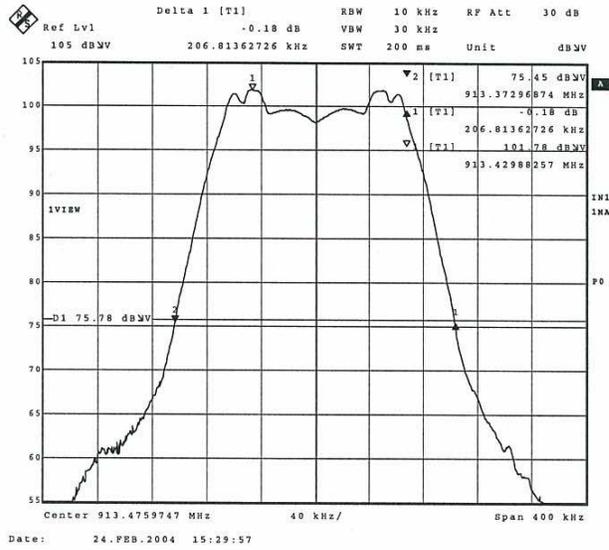
■ ANTENNA: KHA-02 (1-18GHz)
■ AMP: KAF-04 (8449B) ■ RECEIVER: KTR-01 (ES140) ■ CABLE: KCC-D8/D9/D10

26dB Bandwidth

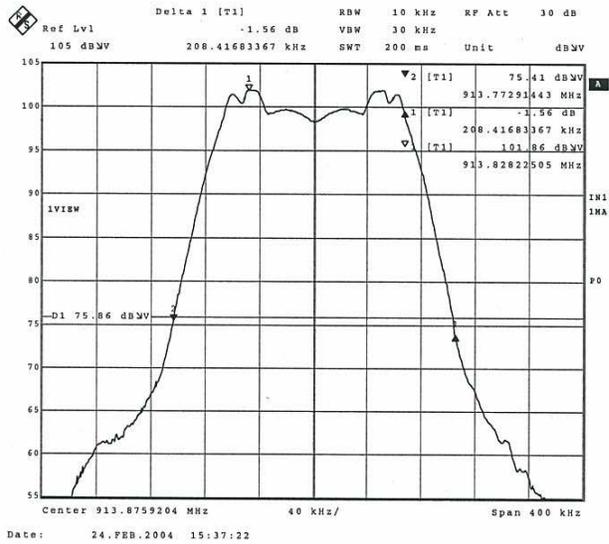
FCC ID:AK8HT1
Job No:AF04049-1

V. Suzuki

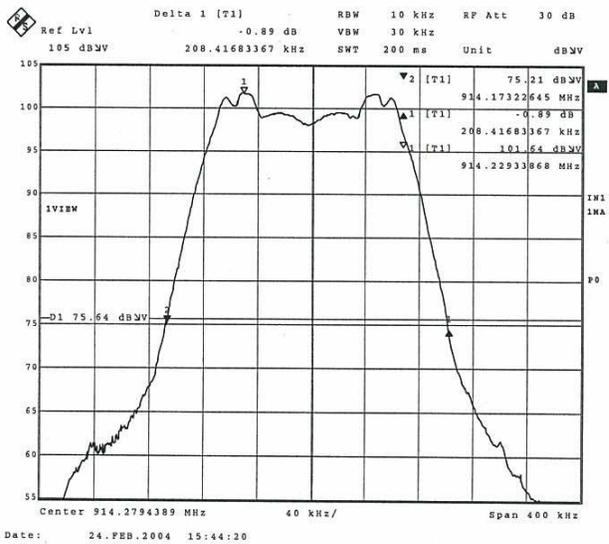
1.Ch1



2.Ch2



3.Ch3



Test Report No : AF4049 - 1

APPENDIX 3
Test Instruments
EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
KCC-24/25/26 /28/KPL-02	Coaxial Cable/Pulse Limiter	Fujikura/Suhner/PMM	5D-2W/5D-2W/S042 72B/S04272B/PL01	CE	2003/09/19 * 12
KLS-05	LISN(AMN)	Schwarzbeck	NSLK8126	CE (EUT)	2003/09/19 * 12
KLS-07	LISN(AMN)	Schwarzbeck	NNLK8121	CE (AE)	2003/09/19 * 12
KSA-02	Spectrum Analyzer	Advantest	R3265A	CE/RE/BW	2003/11/26 * 12
KTR-03	Test Receiver	Rohde & Schwarz	ESHS10	CE	2003/05/15 * 12
KTM-07	Terminator	TME	CT-01BP	CE	2003/05/12 * 12
KAF-04	Pre Amplifier	Agilent	8449B	RE	2003/05/08 * 12
KAF-03	Pre Amplifier	Hewlett Packard	8447D	RE/BW	2003/09/17 * 12
KAT6-03	Attenuator	INMET	18N-6dB	RE/BW	2003/05/12 * 12
KBA-02	Biconical Antenna	Schwarzbeck	BBA9106	RE	2003/08/11 * 12
KTR-01	Test Receiver	Rohde & Schwarz	ESI40	RE/BW	2003/07/25 * 12
KHA-02	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2003/08/11 * 12
KCC-20/21/22 /23/29	Coaxial Cable	Fujikura/Suhner	8D-2W/12D-SFA/S0 4272B/S04272B	RE/BW	2003/09/19 * 12
KCC-D8/D9/D 10	Coaxial Cable	Astrolab Inc.	32055-2-29080-8M/ 32055-2-29080-5M/ 32081-29094-29081 -40CM	RE	2003/08/12 * 12
KLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	RE/BW	2003/08/11 * 12
KOTS-02	Open Test Site	JSE	10m	RE/BW	2003/08/12 * 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: 26dB Bandwidth