

DATA OF CONDUCTION TEST CHART

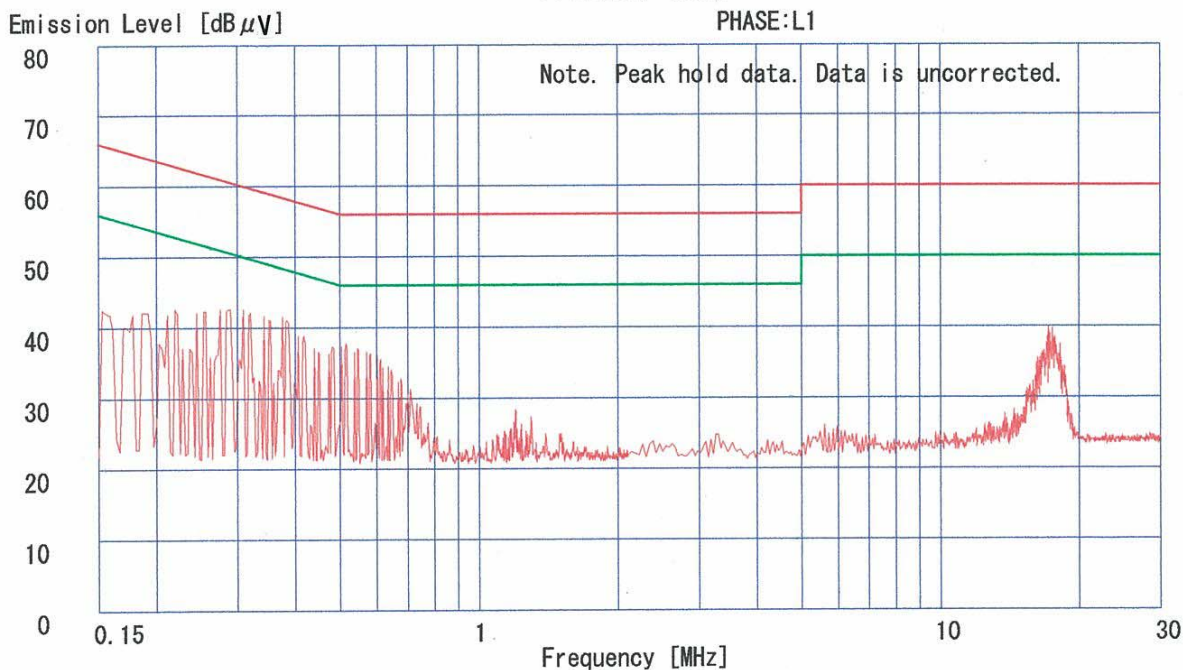
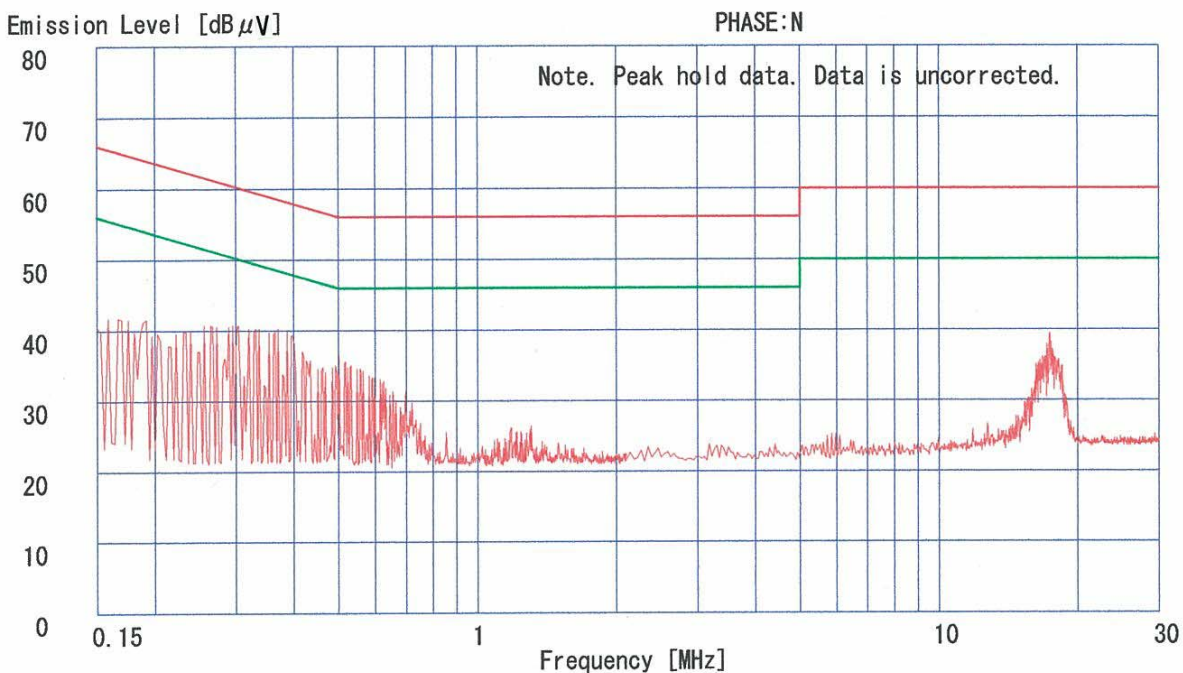
UL Apex Co.,Ltd.

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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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: $\text{READING}[\text{dB } \mu \text{V}] + \text{ANT. FACTOR}[\text{dB/m}] + \text{CABLE LOSS}[\text{dB}] - \text{AMP. GAIN}[\text{dB}] + \text{ATTEN}[\text{dB}]$.

■ 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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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: $\text{READING}[\text{dB } \mu \text{V}] + \text{ANT. FACTOR}[\text{dB/m}] + \text{CABLE LOSS}[\text{dB}] - \text{AMP. GAIN}[\text{dB}] + \text{ATTEN}[\text{dB}]$.

■ 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 ^{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 (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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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: $\text{READING}[\text{dB } \mu \text{V}] + \text{ANT. FACTOR}[\text{dB/m}] + \text{CABLE LOSS}[\text{dB}] - \text{AMP. GAIN}[\text{dB}] + \text{ATTEN}[\text{dB}]$.

■ 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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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: $\text{READING}[\text{dB } \mu \text{V}] + \text{ANT. FACTOR}[\text{dB/m}] + \text{CABLE LOSS}[\text{dB}] - \text{AMP. GAIN}[\text{dB}] + \text{ATTEN}[\text{dB}]$.

■ 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 (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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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 μ V/m]	MARGIN	
			HOR [dB μ V]	VER [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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 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 (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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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: $\text{READING}[\text{dB } \mu \text{V}] + \text{ANT. FACTOR}[\text{dB/m}] + \text{CABLE LOSS}[\text{dB}] - \text{AMP. GAIN}[\text{dB}] + \text{ATTEN}[\text{dB}]$.

■ 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 (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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
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)

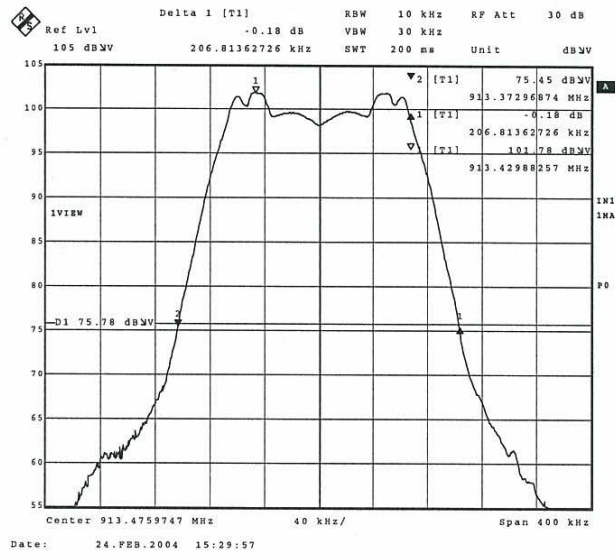
■ AMP: KAF-04 (8449B) ■ RECEIVER: KTR-01 (ES140) ■ CABLE: KCC-D8/D9/D10

26dB Bandwidth

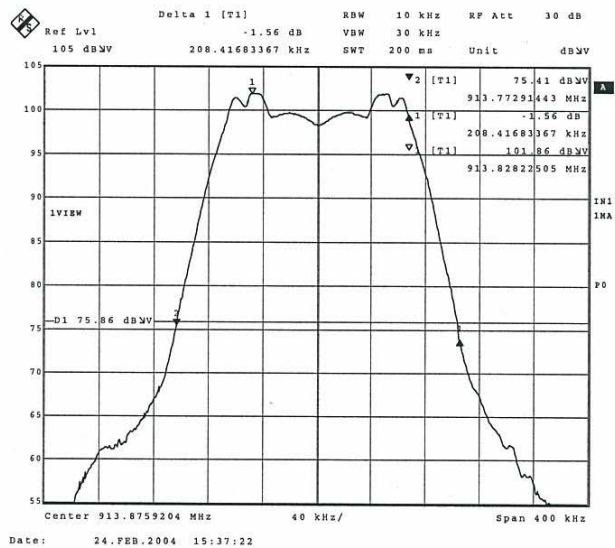
FCC ID:AK8HT1

Job No:AF04049 ^{CH2} 1

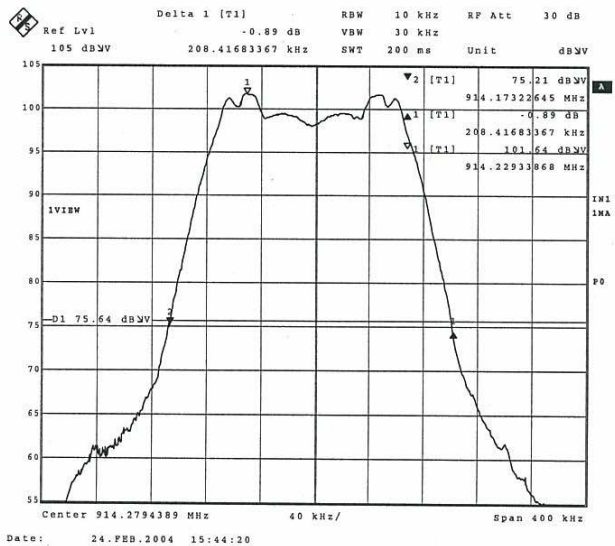
1.Ch1



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