

Data of Conducted Disturbance Test

UL Japan, Inc.
YAMAKITA No.2 Shielded room
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Type of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V(AC120V/60Hz)
 Mode : Transmitting (2437MHz)11b
 Remarks : -
 Date : 4/9/2010
 Phase : Single Phase
 Temperature : 22 °C
 Humidity : 34 %
 Limit : FCC Part15C § 15.207. (CISPR Pub. 22)

Engineer : Yasumasa Owaki

No.	FREQ. [MHz]	READING(N)		READING(L1)		LISN FACTOR [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
		QP [dB μ V]	AV	QP [dB μ V]	AV				QP [dB]	AV [dB μ V]	QP [dB μ V]	AV [dB μ V]	QP [dB]	AV [dB]
1.	0.1500	44.6	-	44.6	-	0.1	0.1	0.0	44.8	-	66.0	56.0	21.2	-
2.	0.2065	49.3	35.0	50.8	38.0	0.1	0.1	0.0	51.0	38.2	63.3	53.3	12.3	15.1
3.	0.2756	41.0	-	42.6	-	0.1	0.1	0.0	42.8	-	60.9	50.9	18.1	-
4.	0.3450	34.9	-	36.3	-	0.1	0.1	0.0	36.5	-	59.1	49.1	22.6	-
5.	0.4131	30.4	-	33.2	-	0.1	0.1	0.0	33.4	-	57.6	47.6	24.2	-
6.	0.4821	28.9	-	31.0	-	0.1	0.1	0.0	31.2	-	56.3	46.3	25.1	-
7.	0.5501	24.9	-	26.1	-	0.1	0.1	0.0	26.3	-	56.0	46.0	29.7	-

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

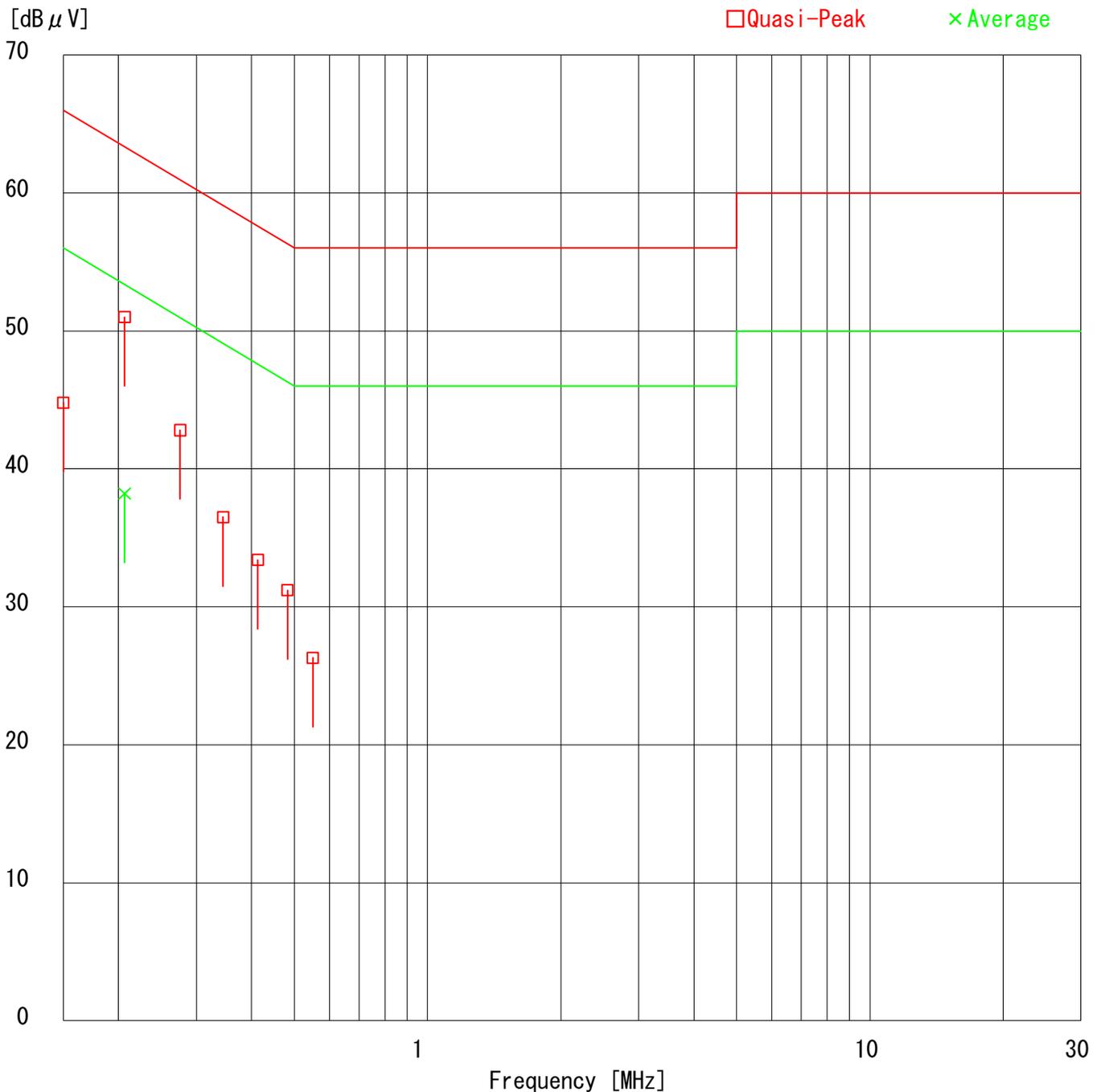
■ LISN: KLS-01 (NSLK8126) ■ COAXIAL CABLE: KCC-33/34
 ■ EMI RECEIVER: MTR-06 (ESCS30)

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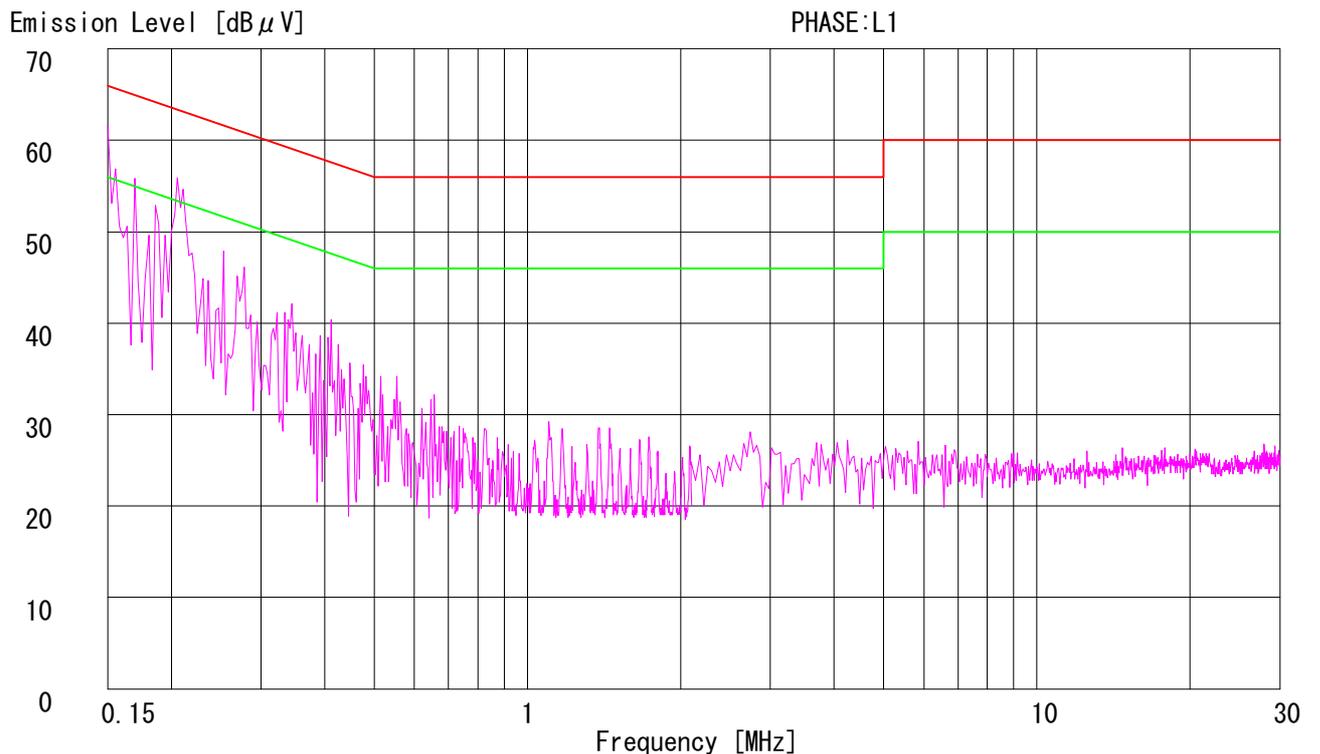
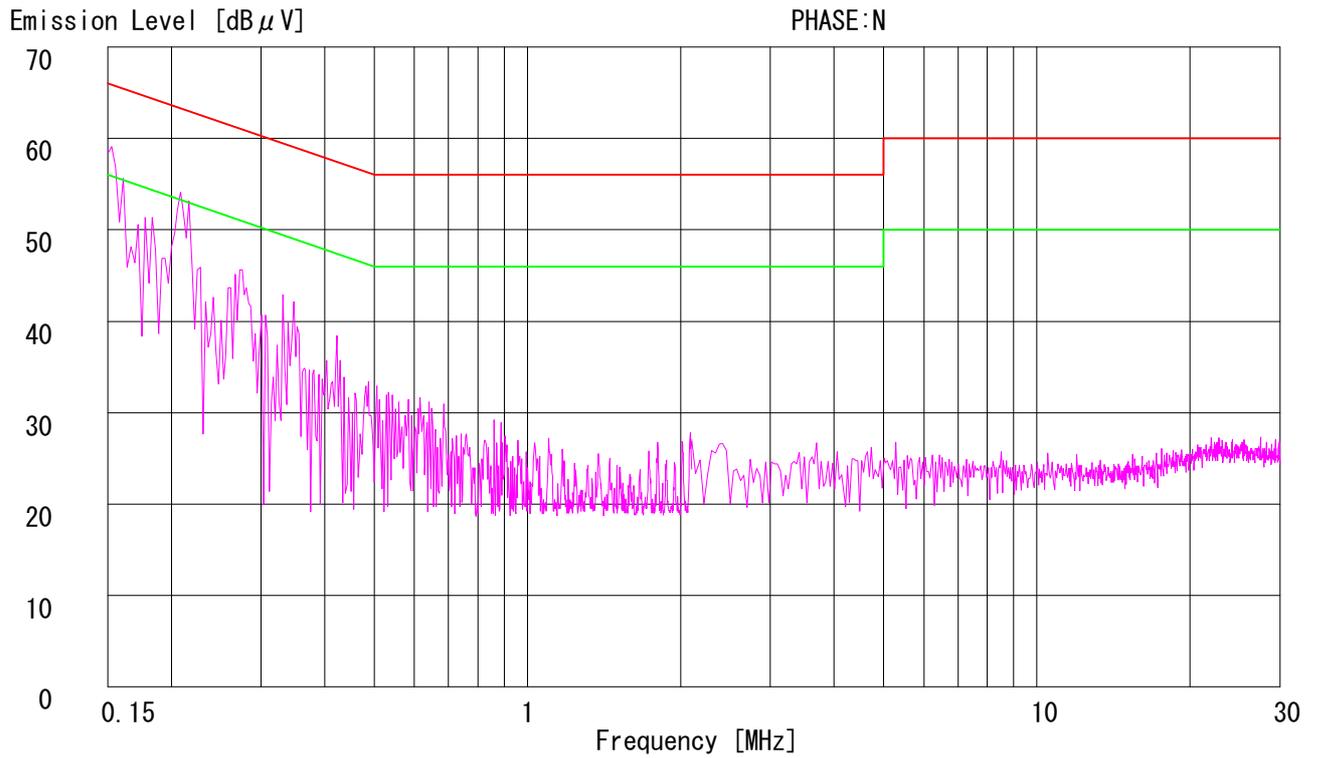
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Limit 1 : FCC Part15C § 15.207. (CISPR Pub. 22)
Limit 2 : None

Engineer : Yasumasa Owaki



Data of Conducted Disturbance Test

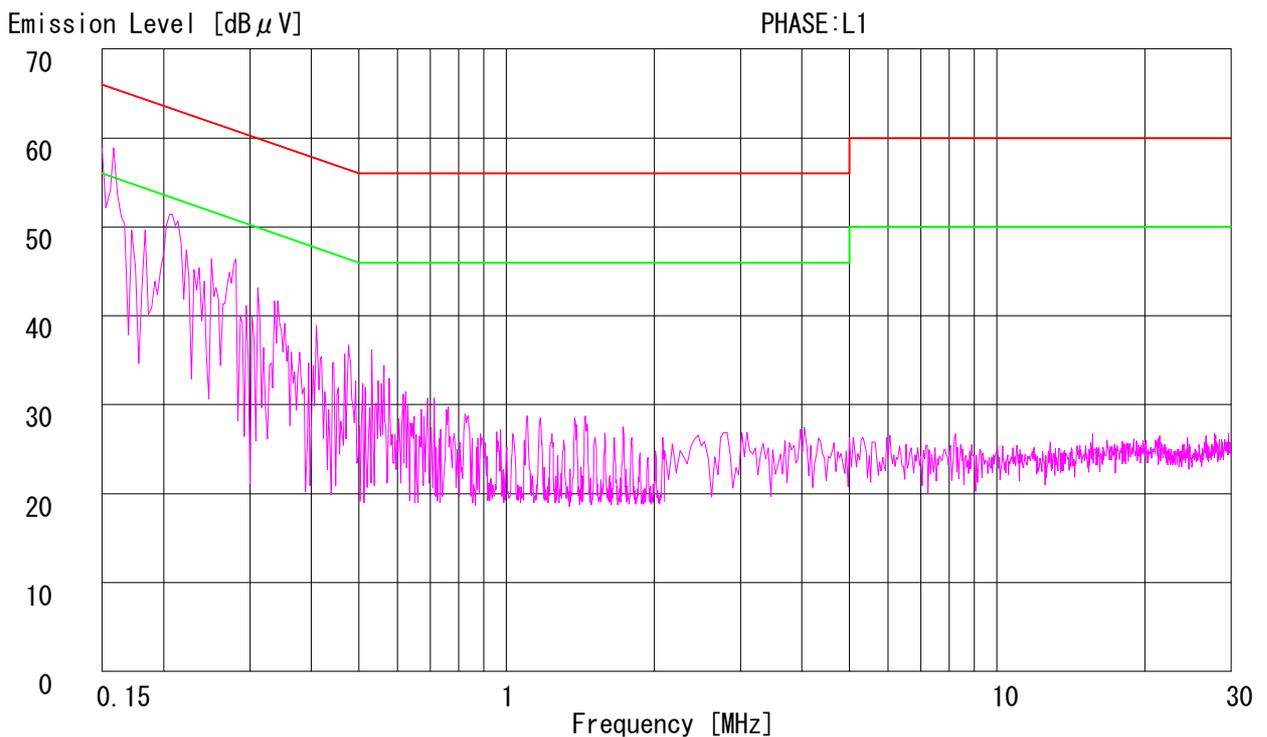
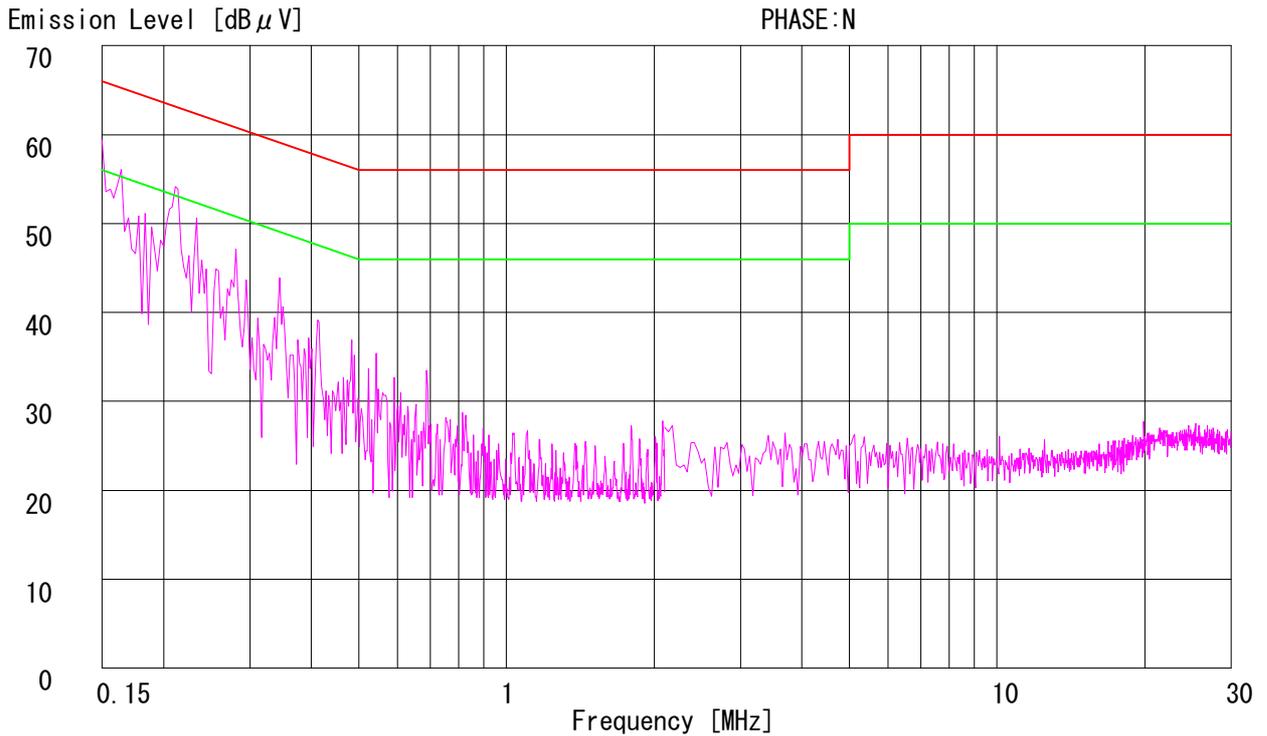
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Mode : Transmitting (2412MHz) 11b
Remarks : -
Date : 4/9/2010
Phase : Single Phase
Temperature : 22 °C
Humidity : 34 %
Limit 1 : FCC Part15C § 15.207. (CISPR Pub. 22)
Limit 2 : None

Engineer : Yasumasa Owaki



Data of Conducted Disturbance Test

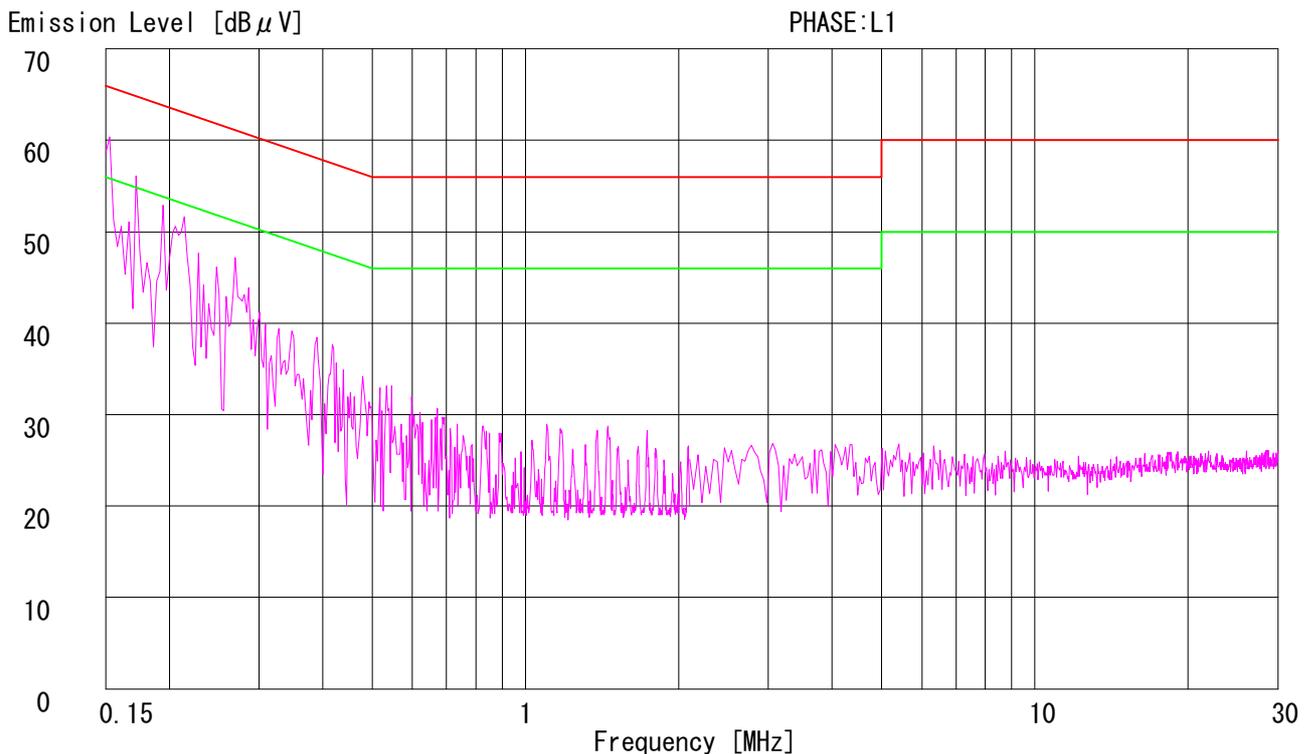
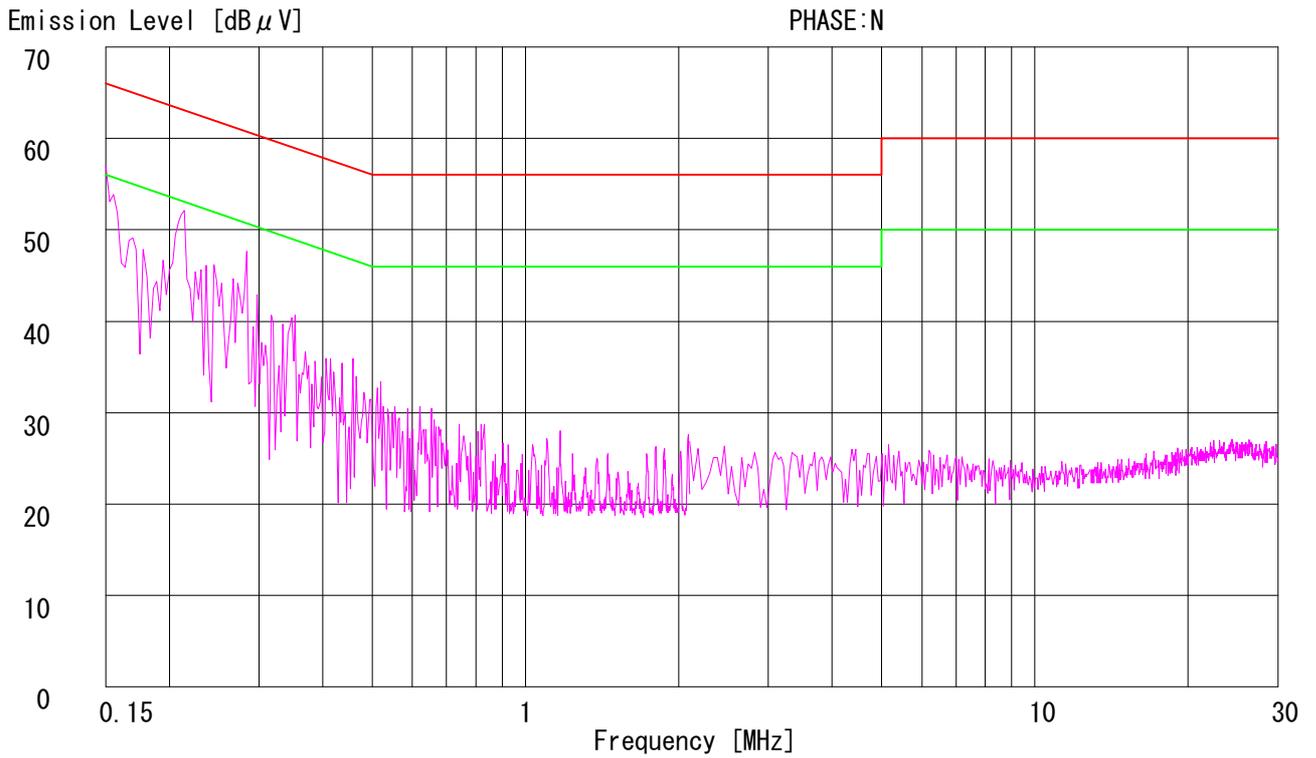
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Limit 1 : FCC Part15C § 15.207. (CISPR Pub.22)
Limit 2 : None

Engineer : Yasumasa Owaki



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Engineer : Yasumasa Owaki

No.	FREQ. [MHz]	READING(N)		READING(L1)		LISN FACTOR [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
		QP [dB μ V]	AV	QP [dB μ V]	AV				QP [dB]	AV [dB μ V]	QP [dB μ V]	AV [dB μ V]	QP [dB]	AV [dB]
1.	0.1500	45.0	-	45.1	-	0.1	0.1	0.0	45.3	-	66.0	56.0	20.7	-
2.	0.2076	49.9	37.1	51.6	39.4	0.1	0.1	0.0	51.8	39.6	63.3	53.3	11.5	13.7
3.	0.2756	40.8	-	42.0	-	0.1	0.1	0.0	42.2	-	60.9	50.9	18.7	-
4.	0.3457	35.5	-	37.7	-	0.1	0.1	0.0	37.9	-	59.1	49.1	21.2	-
5.	0.4136	32.0	-	34.0	-	0.1	0.1	0.0	34.2	-	57.6	47.6	23.4	-
6.	0.4824	26.8	-	27.5	-	0.1	0.1	0.0	27.7	-	56.3	46.3	28.6	-
7.	0.5510	26.6	-	28.0	-	0.1	0.1	0.0	28.2	-	56.0	46.0	27.8	-

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

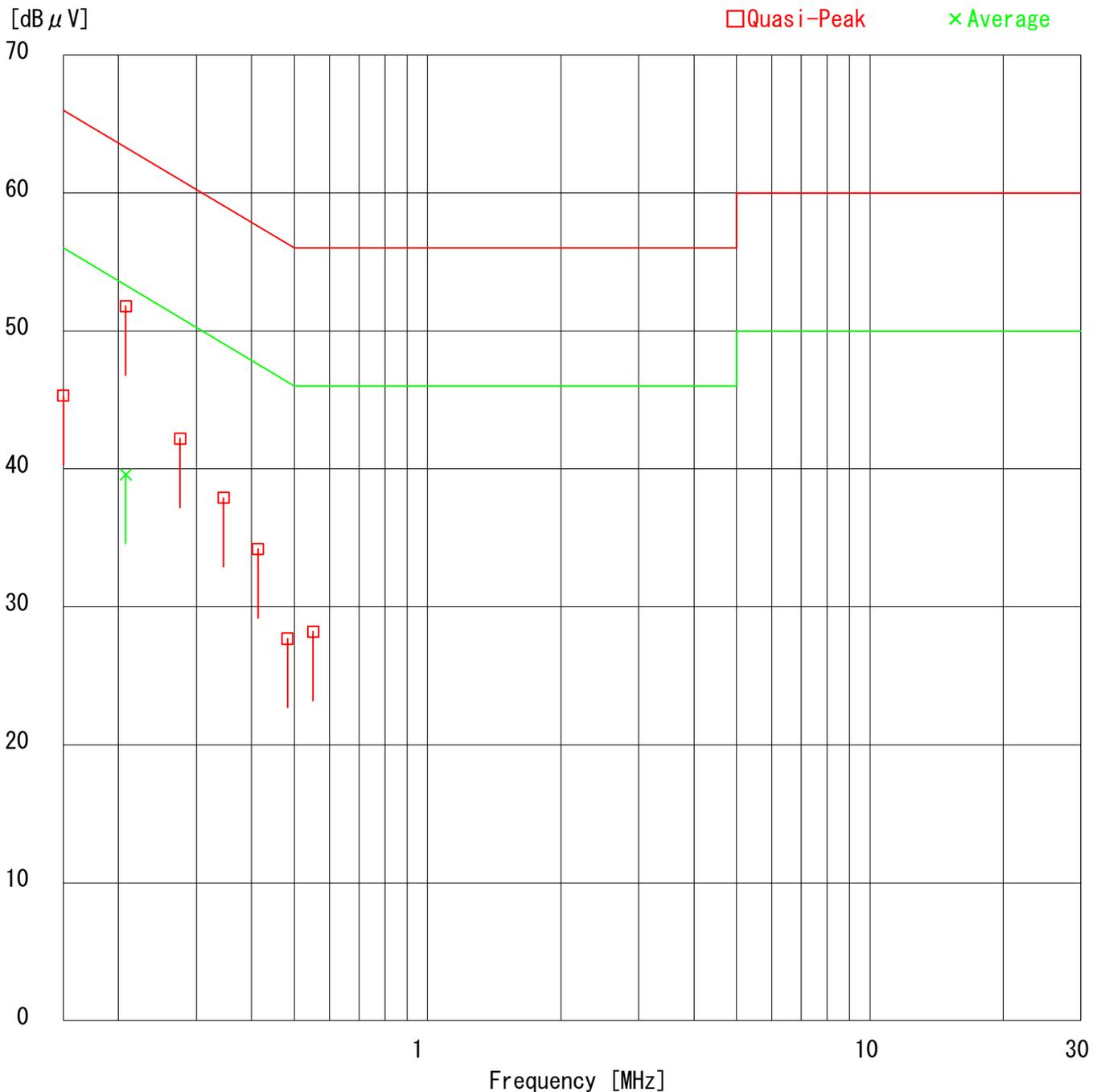
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Engineer : Yasumasa Owaki



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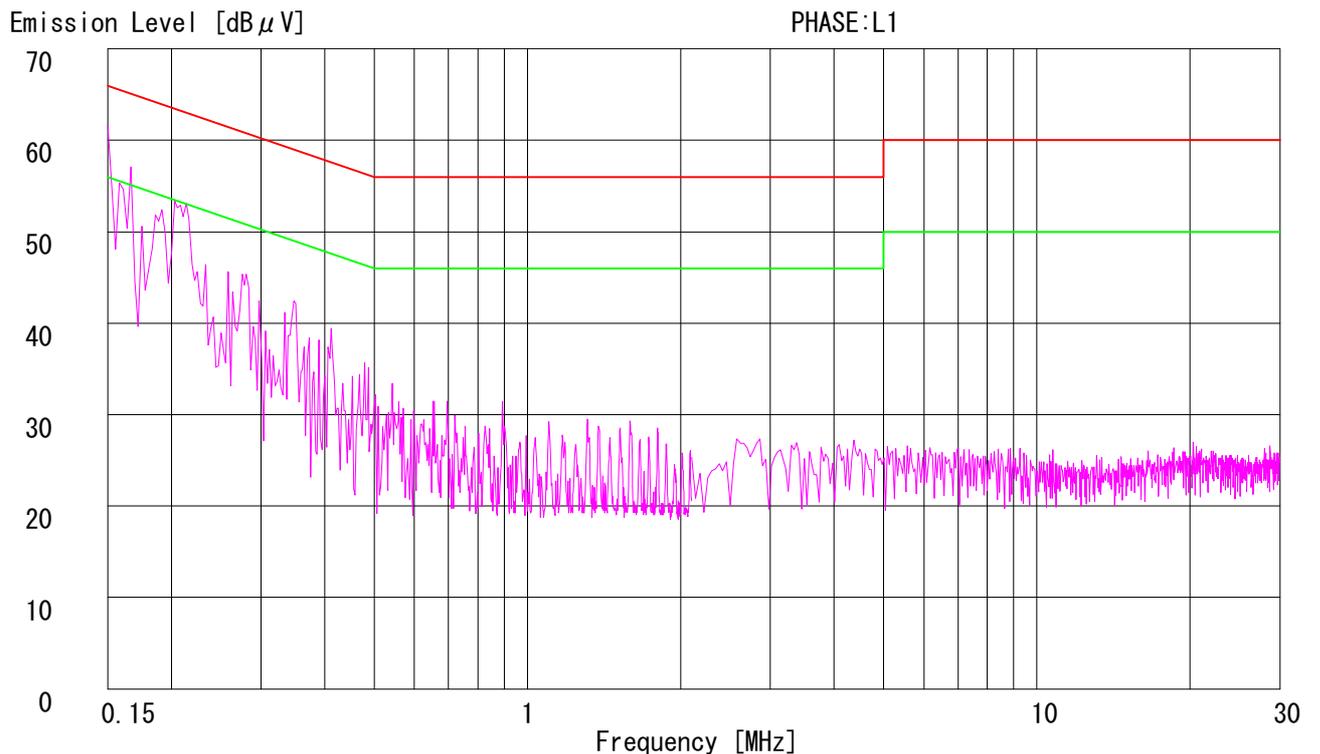
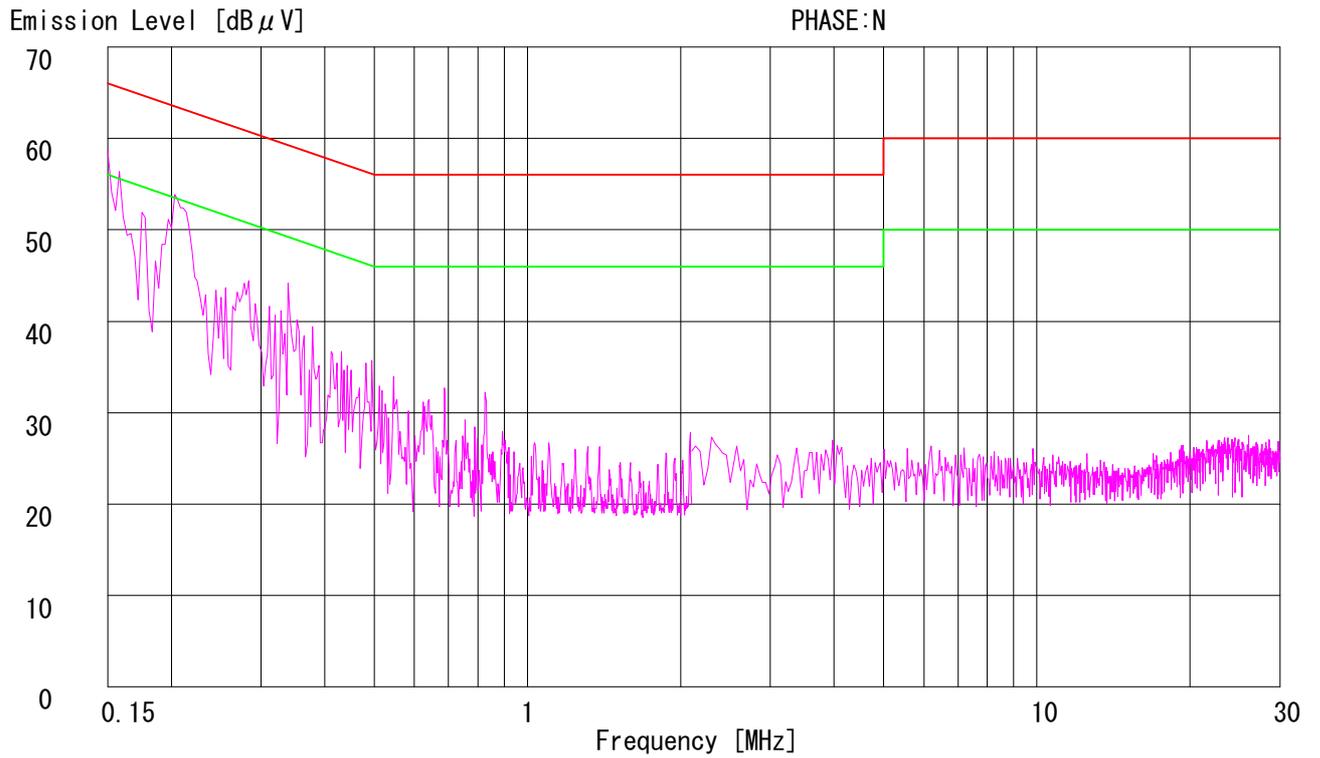
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Limit 2 : None

Engineer : Yasumasa Owaki



Data of Conducted Disturbance Test

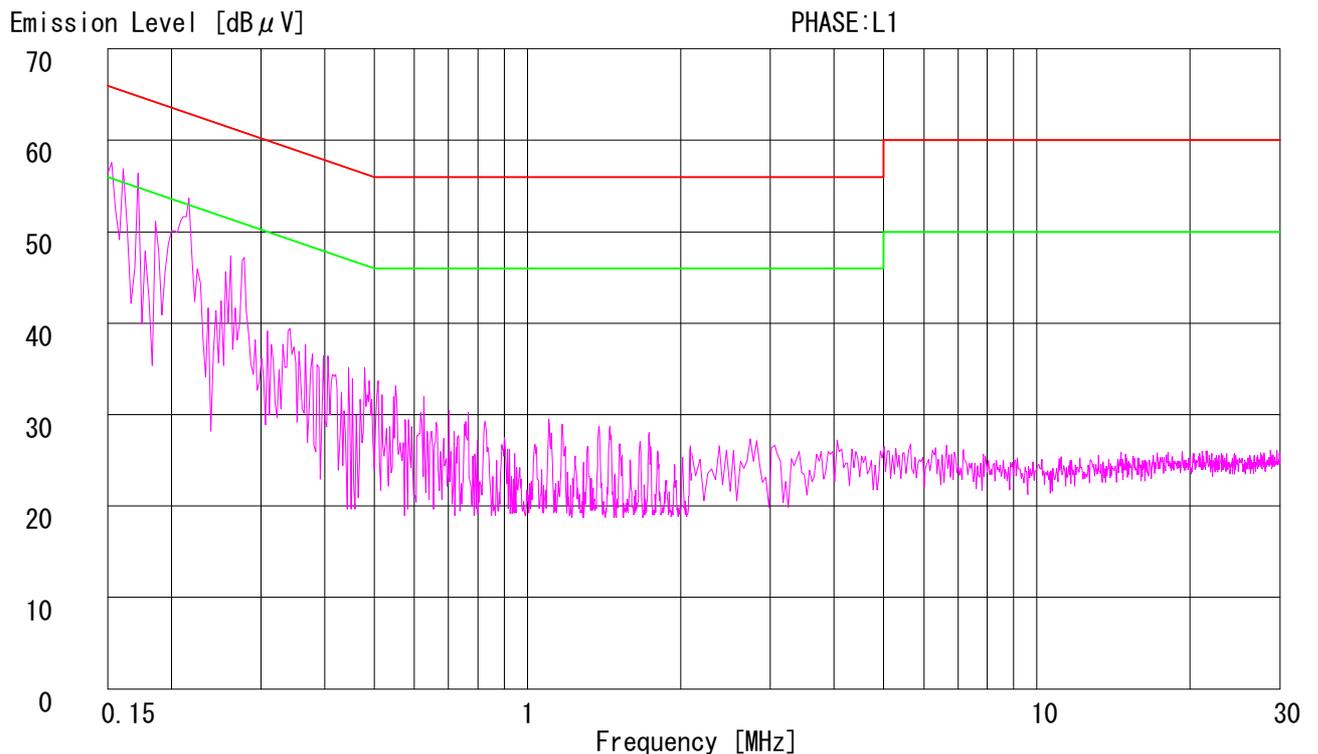
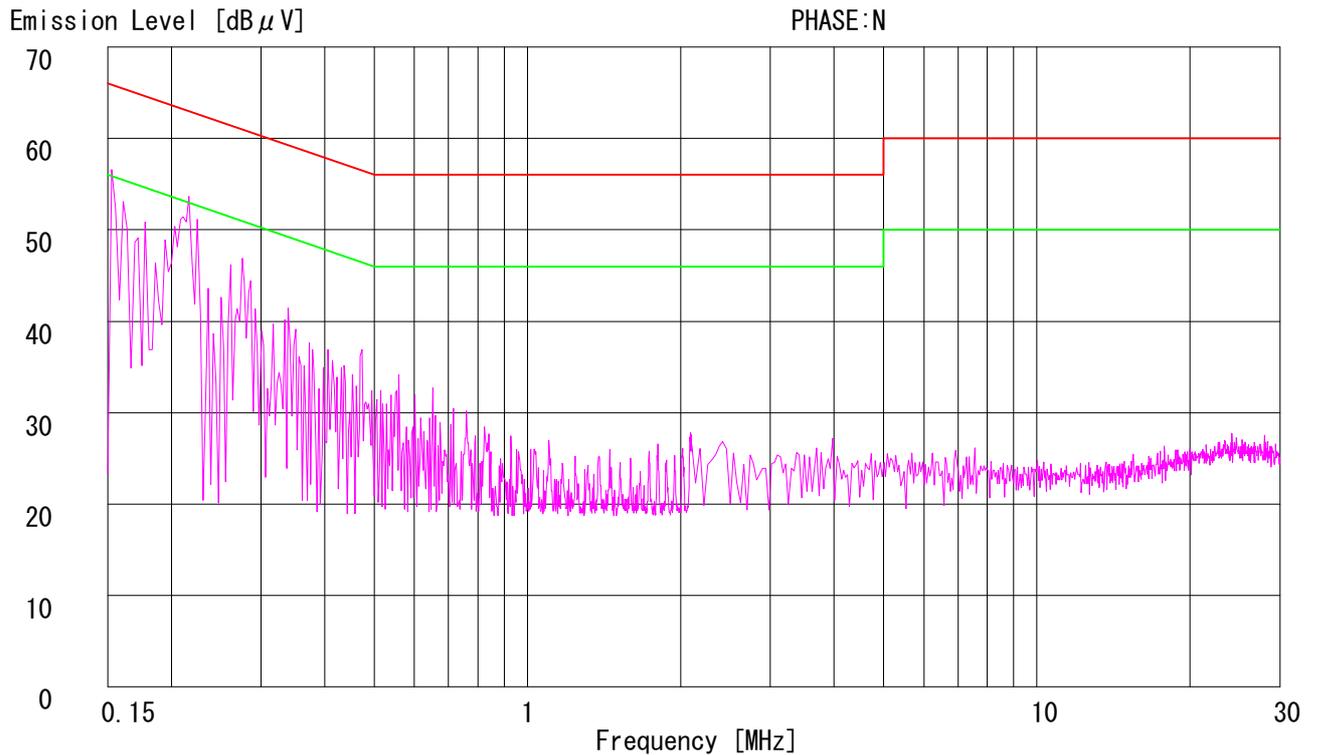
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Limit 2 : None

Engineer : Yasumasa Owaki



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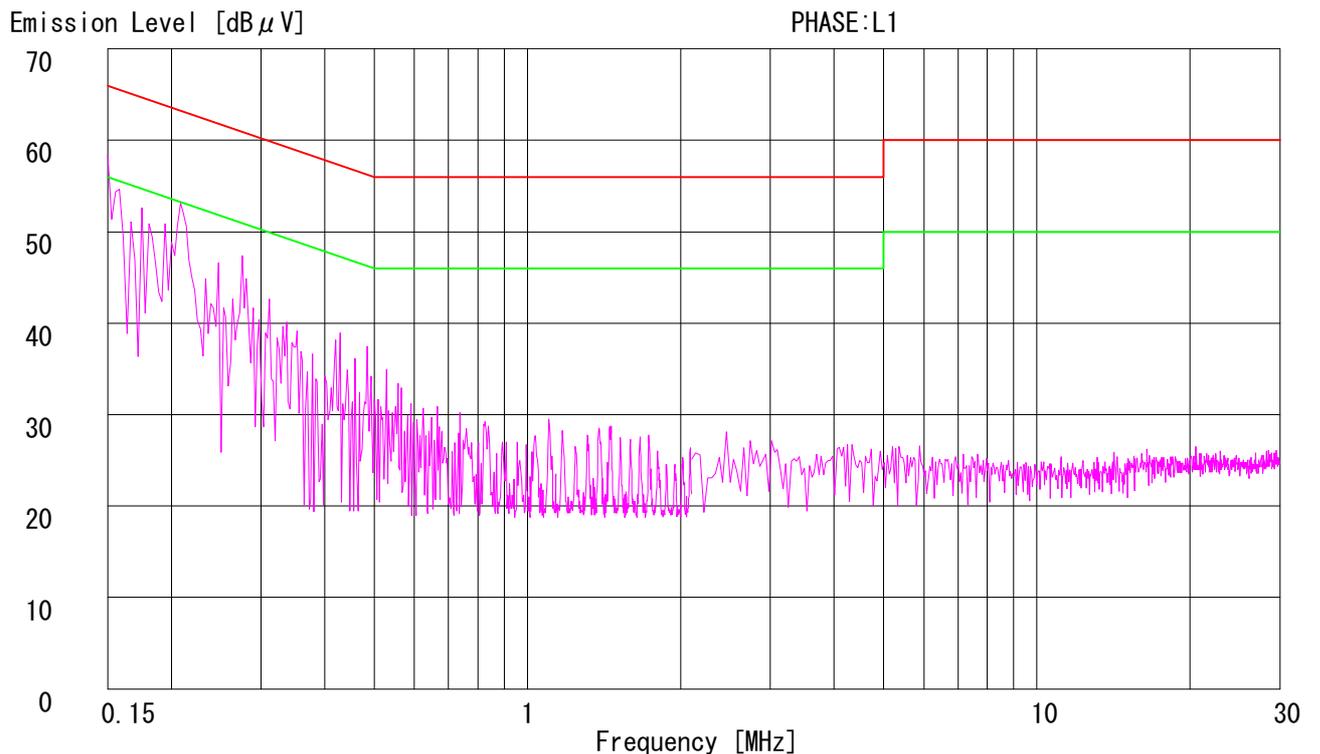
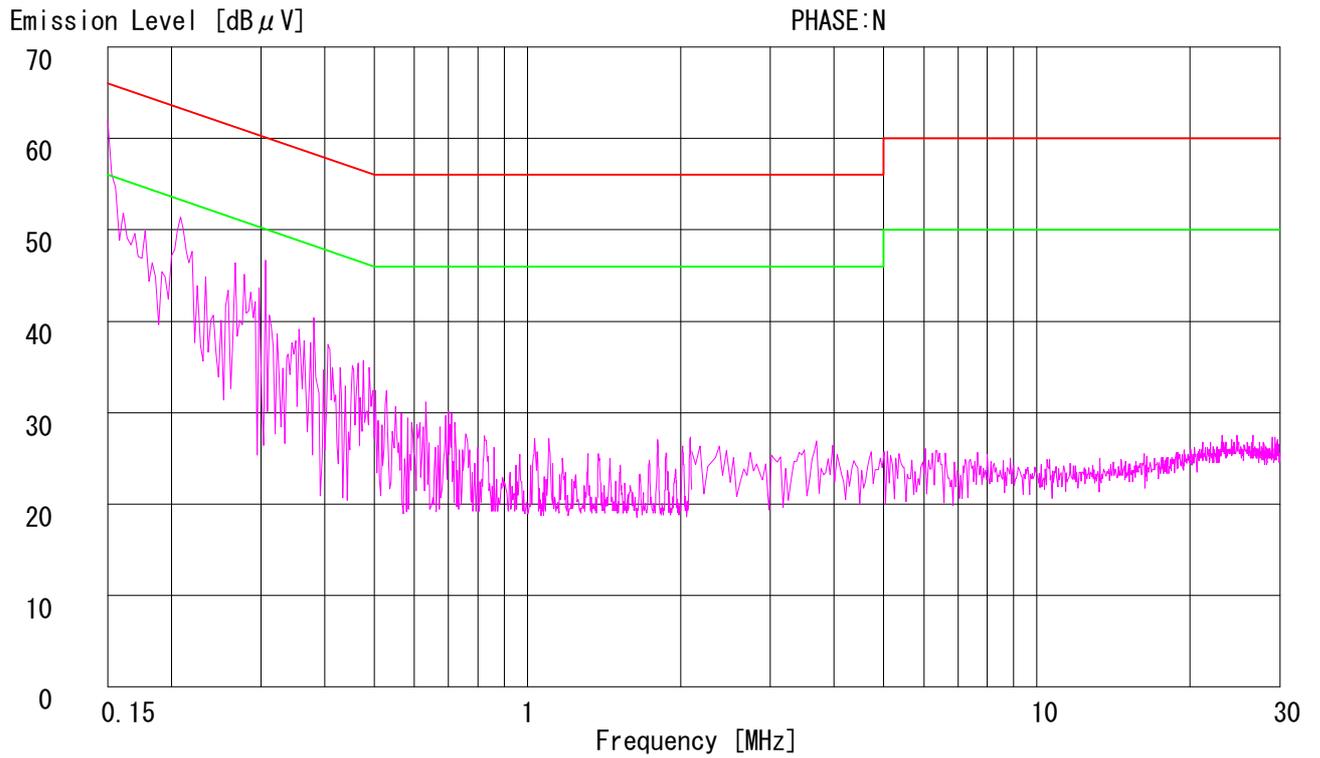
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Mode : Transmitting (2462MHz) 11g
Remarks : -
Date : 4/9/2010
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Humidity : 34 %
Limit 1 : FCC Part15C § 15.207. (CISPR Pub.22)
Limit 2 : None

Engineer : Yasumasa Owaki



6dB Bandwidth (Regulation: FCC 15.247(a)(2))

UL Japan, Inc. Yamakita EMC lab.	No.2 shielded room
Date:	2010/4/14
Temp./Humid.:	21 deg. C. / 41 %
Engineer:	Akira Sato
Test mode:	Transmitting, IEEE802.11b, 2Mbps / IEEE802.11g, 6Mbps without Charging cradle
Remarks:	

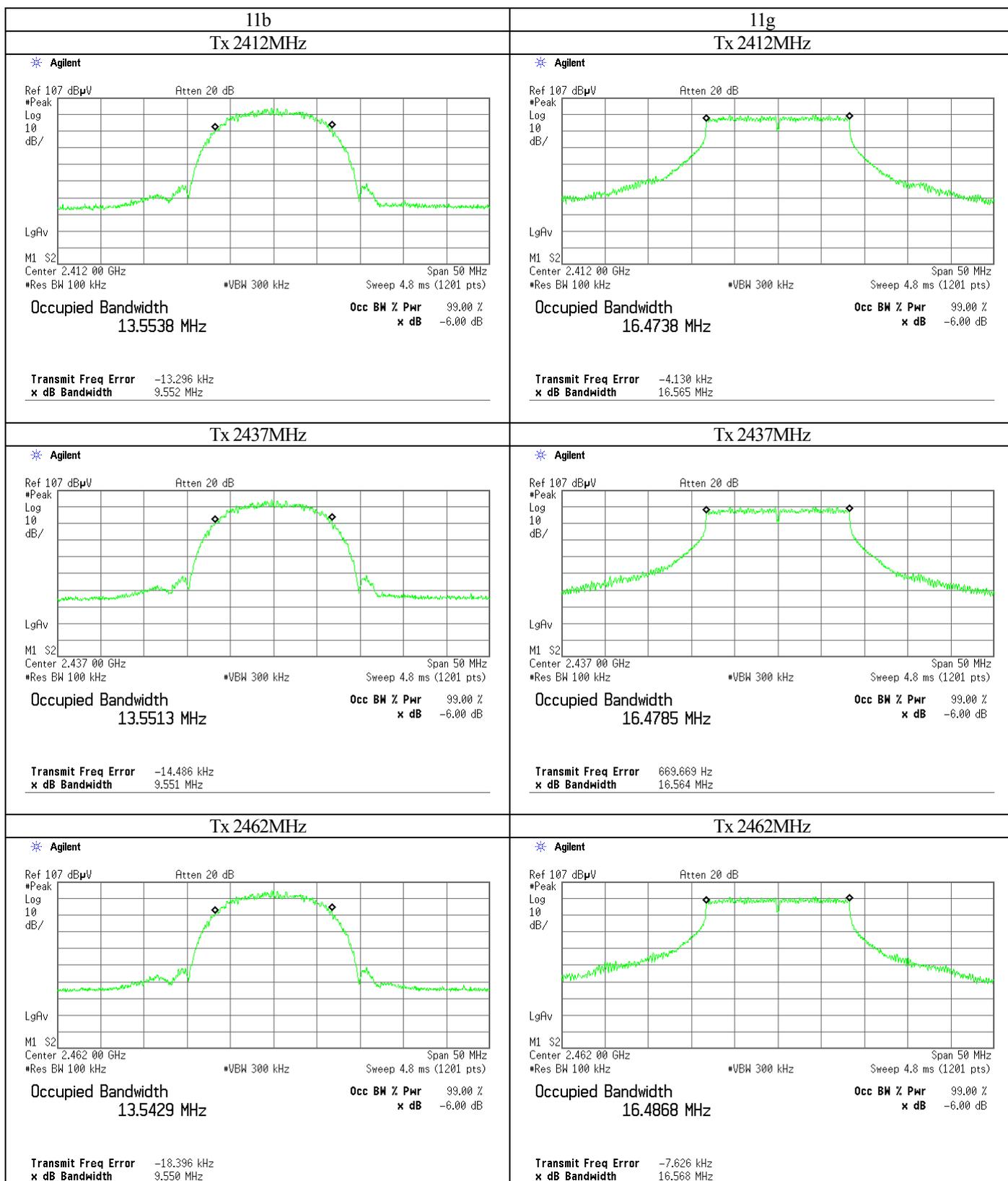
11b

Frequency [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
2412	9.552	>500
2437	9.551	>500
2462	9.550	>500

11g

Frequency [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
2412	16.565	>500
2437	16.564	>500
2462	16.568	>500

6dB Bandwidth (Regulation: FCC 15.247(a)(2))



Maximum Peak Conducted Output Power (Regulation: FCC 15.247(b)(3))

UL Japan, Inc. Yamakita EMC lab.
No.2 Shielded Room

Date: 2010/4/14
Temp./Humid.: 21 deg.C / 41 %
Test mode: Transmitting
IEEE802.11b, 11Mbps
Engineer: Akira Sato
Remarks: with Charging cradle

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2412.0	5.51	1.00	10.03	16.54	45.08	30.00	1000	13.46
Mid	2437.0	6.67	1.00	10.03	17.70	58.88	30.00	1000	12.30
High	2462.0	7.40	1.00	10.03	18.43	69.66	30.00	1000	11.57

Sample Calculation:

Result = Reading + Cable Loss (supplied by customer) + Atten. Loss

* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

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

[Pre check]

Data Rate [Mbps]	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
1	2437.0	6.05	1.00	10.03	17.08	51.05	30.00	1000	12.92
2	2437.0	6.03	1.00	10.03	17.06	50.82	30.00	1000	12.94
5.5	2437.0	5.50	1.00	10.03	16.53	44.98	30.00	1000	13.47
11	2437.0	6.67	1.00	10.03	17.70	58.88	30.00	1000	12.30

Maximum Peak Conducted Output Power (Regulation: FCC 15.247(b)(3))

UL Japan, Inc. Yamakita EMC lab.
No.2 Shielded Room

Date: 2010/4/14
Temp./Humid.: 21 deg.C / 41 %
Test mode: Transmitting
IEEE802.11g, 12Mbps
Engineer: Akira Sato
Remarks: with Charging cradle

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2412.0	11.74	1.00	10.03	22.77	189.23	30.00	1000	7.23
Mid	2437.0	12.09	1.00	10.03	23.12	205.12	30.00	1000	6.88
High	2462.0	12.29	1.00	10.03	23.32	214.78	30.00	1000	6.68

Sample Calculation:

Result = Reading + Cable Loss (supplied by customer) + Atten. Loss

* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

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

[Pre check]

Data Rate [Mbps]	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
6	2437.0	11.96	1.00	10.03	22.99	199.07	30.00	1000	7.01
9	2437.0	11.71	1.00	10.03	22.74	187.93	30.00	1000	7.26
12	2437.0	12.00	1.00	10.03	23.03	200.91	30.00	1000	6.97
18	2437.0	11.71	1.00	10.03	22.74	187.93	30.00	1000	7.26
24	2437.0	11.98	1.00	10.03	23.01	199.99	30.00	1000	6.99
36	2437.0	11.81	1.00	10.03	22.84	192.31	30.00	1000	7.16
48	2437.0	11.82	1.00	10.03	22.85	192.75	30.00	1000	7.15
54	2437.0	11.70	1.00	10.03	22.73	187.50	30.00	1000	7.27

Maximum Peak Conducted Output Power (Regulation: FCC 15.247(b)(3))

UL Japan, Inc. Yamakita EMC lab.
No.2 Shielded Room

Date: 2010/4/14
Temp./Humid.: 21 deg.C / 41 %
Test mode: Transmitting
IEEE802.11b, 2Mbps
Engineer: Akira Sato
Remarks: without Charging cradle

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2412.0	6.17	1.00	10.03	17.20	52.48	30.00	1000	12.80
Mid	2437.0	6.76	1.00	10.03	17.79	60.12	30.00	1000	12.21
High	2462.0	7.67	1.00	10.03	18.70	74.13	30.00	1000	11.30

Sample Calculation:

Result = Reading + Cable Loss (supplied by customer) + Atten. Loss

* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

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[Pre check]

Data Rate [Mbps]	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
1	2437.0	6.20	1.00	10.03	17.23	52.84	30.00	1000	12.77
2	2437.0	6.76	1.00	10.03	17.79	60.12	30.00	1000	12.21
5.5	2437.0	6.15	1.00	10.03	17.18	52.24	30.00	1000	12.82
11	2437.0	6.18	1.00	10.03	17.21	52.60	30.00	1000	12.79

Maximum Peak Conducted Output Power (Regulation: FCC 15.247(b)(3))

UL Japan, Inc. Yamakita EMC lab.
No.2 Shielded Room

Date: 2010/4/14
Temp./Humid.: 21 deg.C / 41 %
Test mode: Transmitting
IEEE802.11g, 6Mbps
Engineer: Akira Sato
Remarks: without Charging cradle

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2412.0	11.46	1.00	10.03	22.49	177.42	30.00	1000	7.51
Mid	2437.0	12.00	1.00	10.03	23.03	200.91	30.00	1000	6.97
High	2462.0	12.32	1.00	10.03	23.35	216.27	30.00	1000	6.65

Sample Calculation:

Result = Reading + Cable Loss (supplied by customer) + Atten. Loss

* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

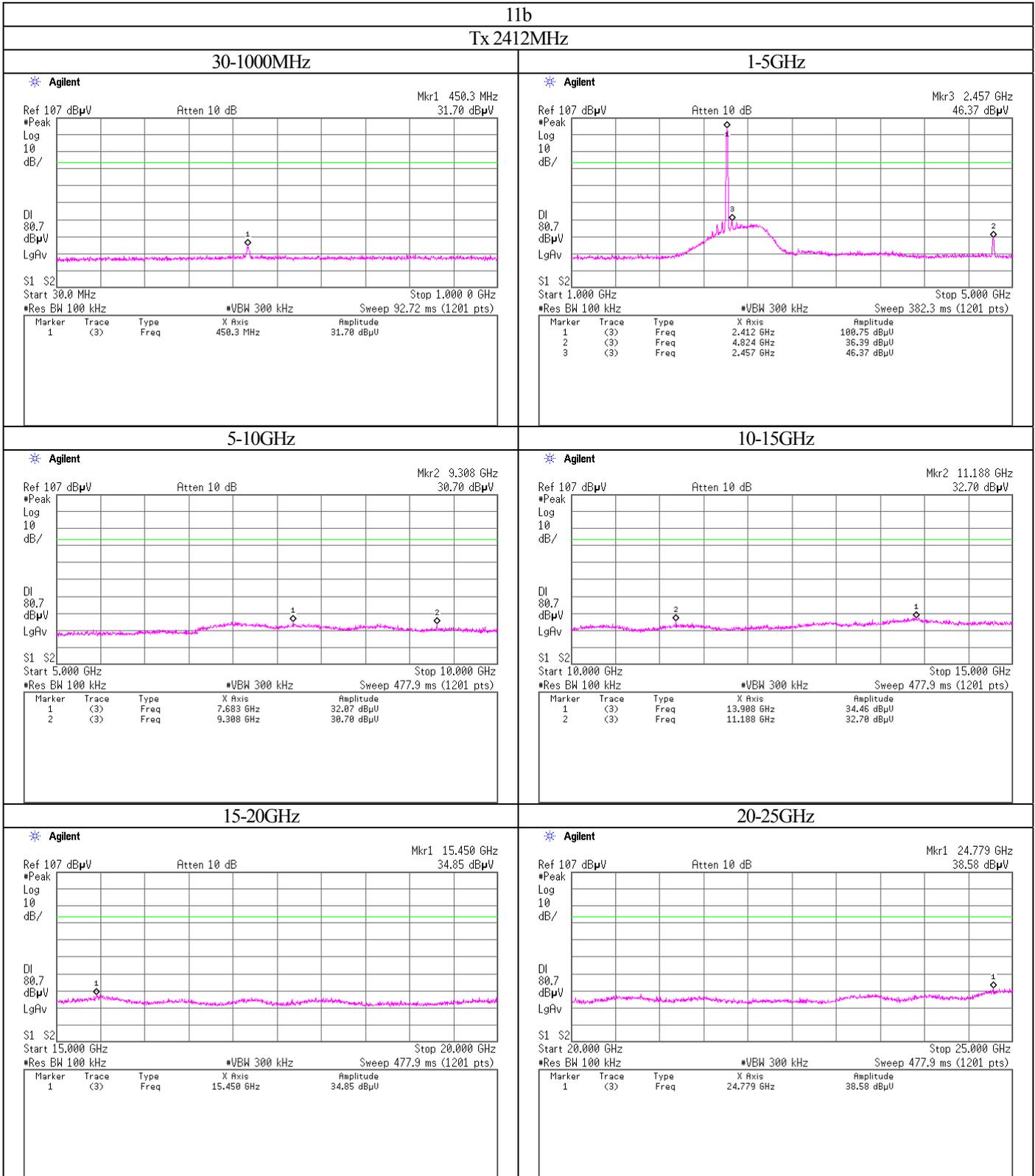
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Data Rate [Mbps]	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
6	2437.0	12.00	1.00	0.00	13.00	19.95	30.00	1000	17.00
9	2437.0	11.90	1.00	0.00	12.90	19.50	30.00	1000	17.10
12	2437.0	11.54	1.00	0.00	12.54	17.95	30.00	1000	17.46
18	2437.0	11.59	1.00	0.00	12.59	18.16	30.00	1000	17.41
24	2437.0	11.64	1.00	0.00	12.64	18.37	30.00	1000	17.36
36	2437.0	11.58	1.00	0.00	12.58	18.11	30.00	1000	17.42
48	2437.0	11.91	1.00	0.00	12.91	19.54	30.00	1000	17.09
54	2437.0	11.80	1.00	0.00	12.80	19.05	30.00	1000	17.20

Out of Band Emission (Antenna Terminal Conducted) (Regulation: FCC 15.247(d))

UL Japan, Inc. Yamakita EMC lab. No.2 shielded room
 Date: 2010/4/14
 Temp/Humid: 21 deg. C. / 41 %
 Engineer: Akira Sato
 Test mode: Transmitting, IEEE802.11b, 2Mbps
 Remarks: without Charging cradle



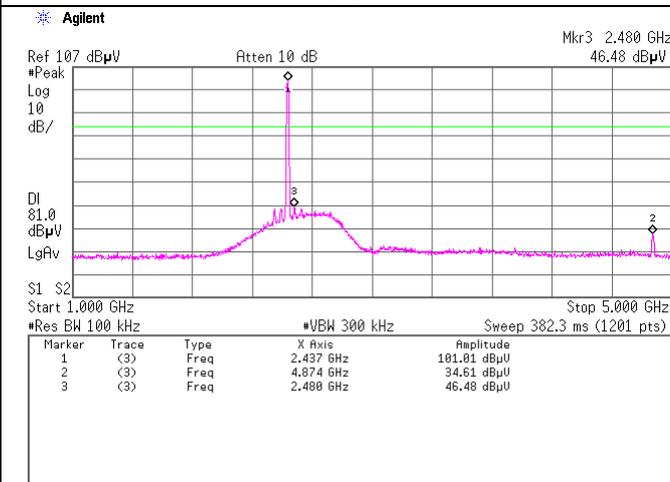
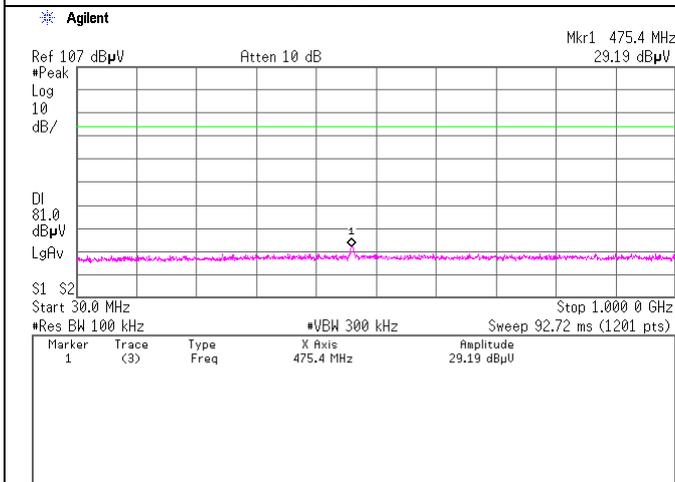
Out of Band Emission (Antenna Terminal Conducted) (Regulation: FCC 15.247(d))

11b

Tx 2437MHz

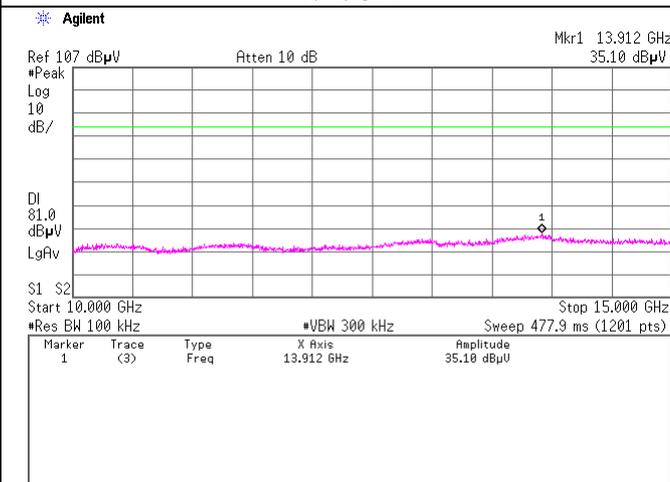
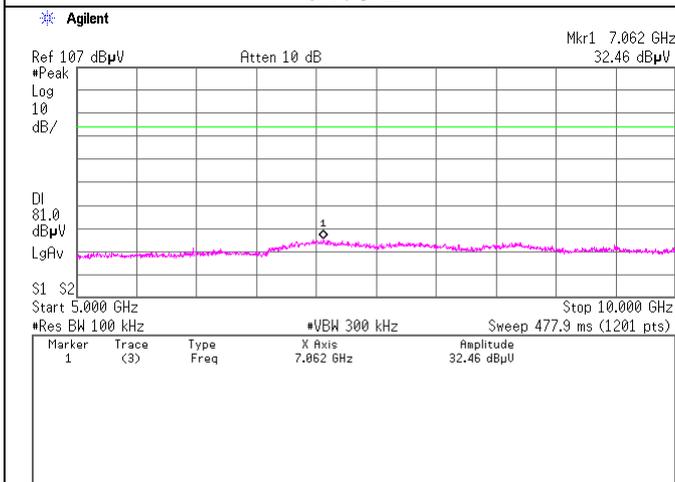
30-1000MHz

1-5GHz



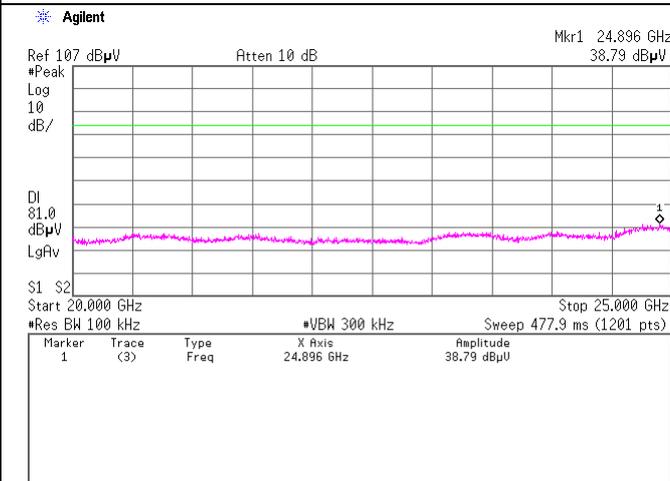
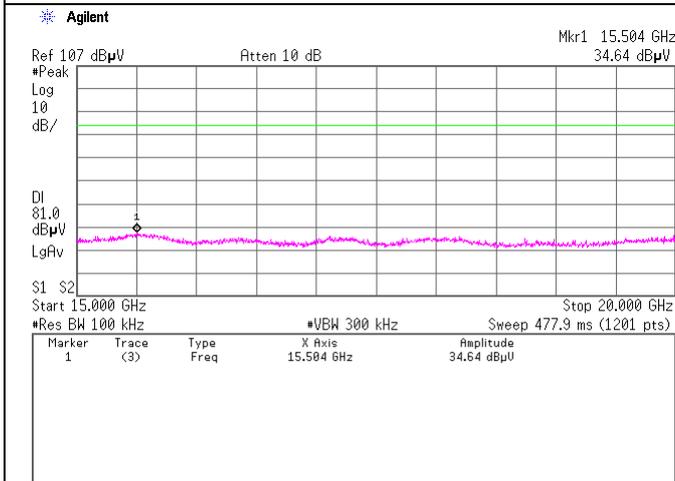
5-10GHz

10-15GHz



15-20GHz

20-25GHz



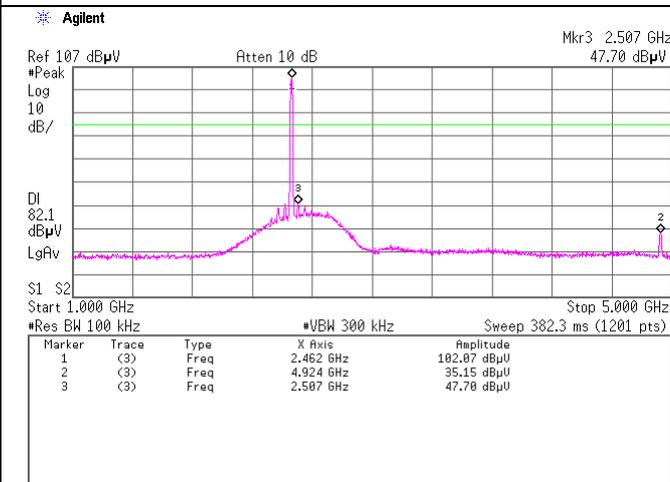
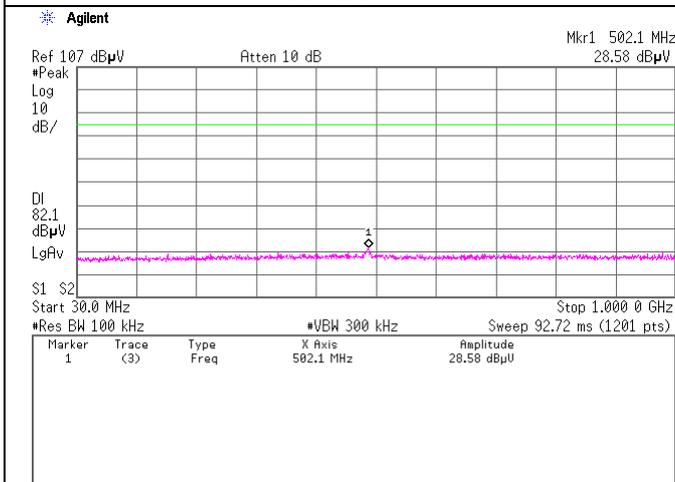
Out of Band Emission (Antenna Terminal Conducted) (Regulation: FCC 15.247(d))

11b

Tx 2462MHz

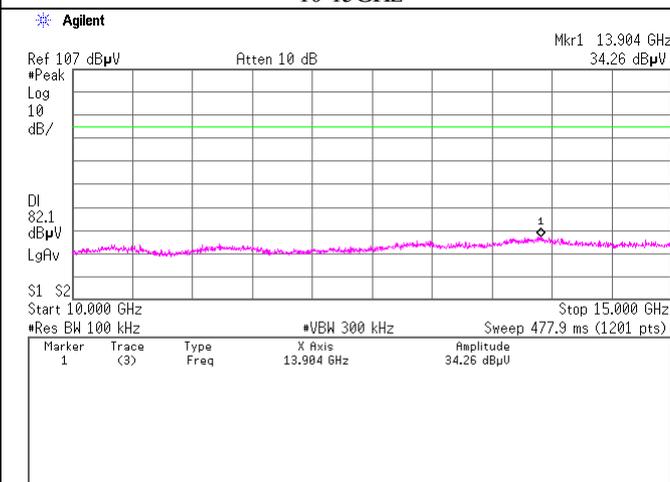
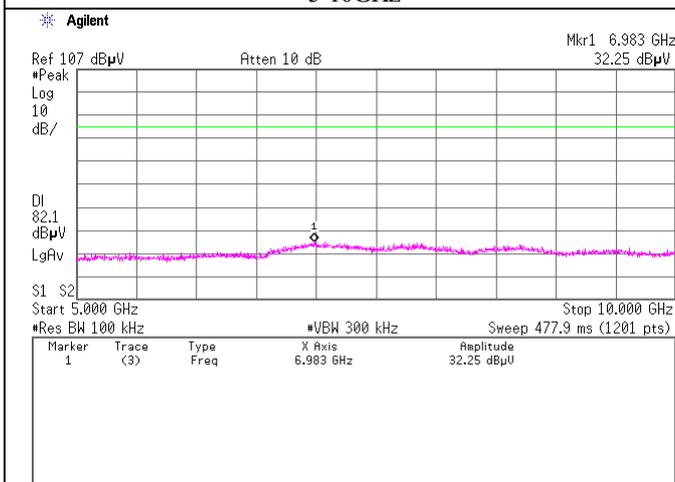
30-1000MHz

1-5GHz



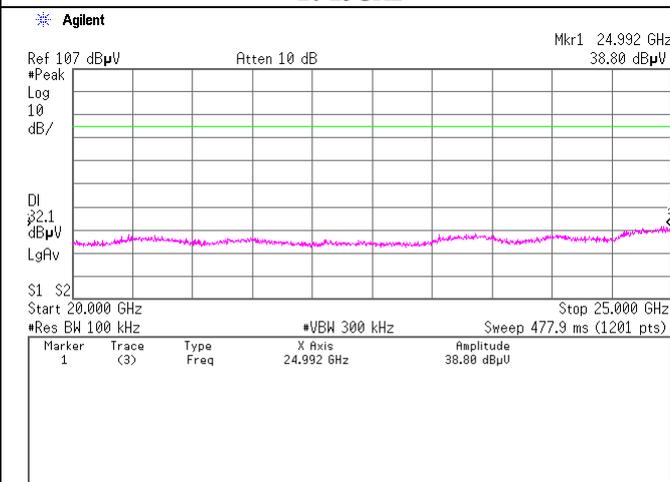
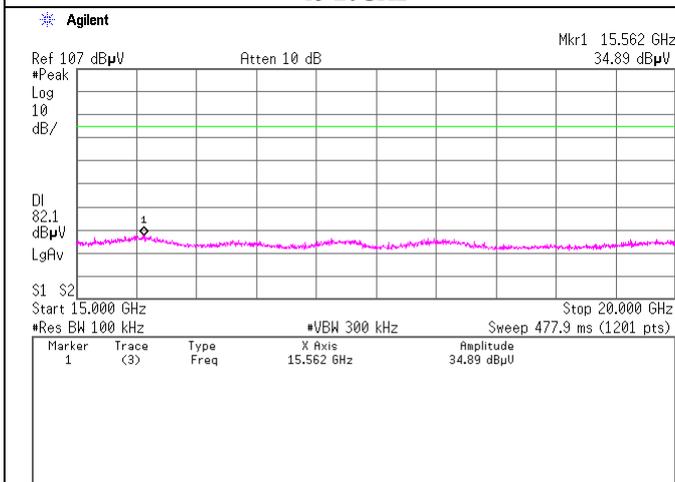
5-10GHz

10-15GHz



15-20GHz

20-25GHz



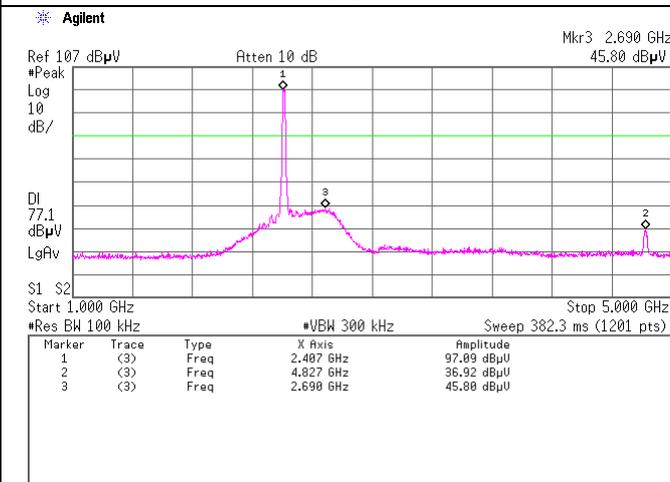
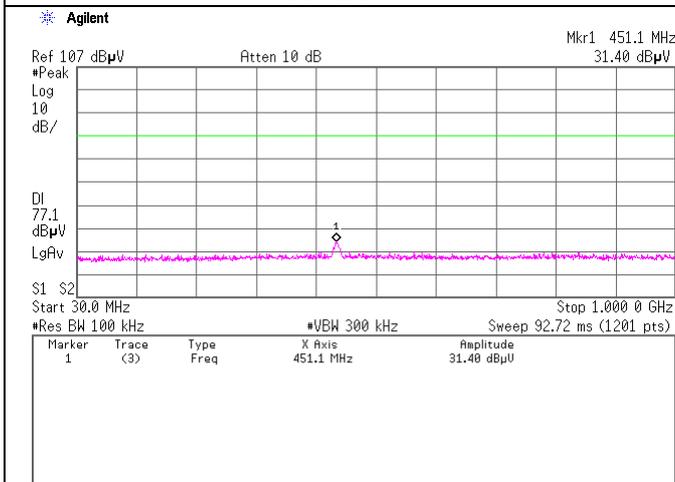
Out of Band Emission (Antenna Terminal Conducted) (Regulation: FCC 15.247(d))

11g

Tx 2412MHz

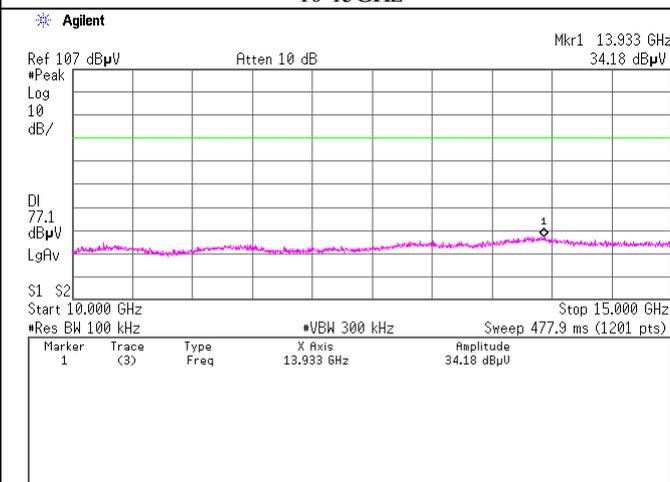
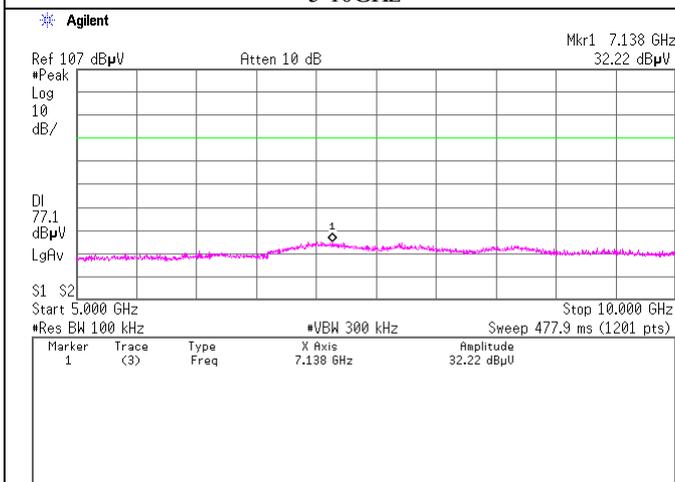
30-1000MHz

1-5GHz



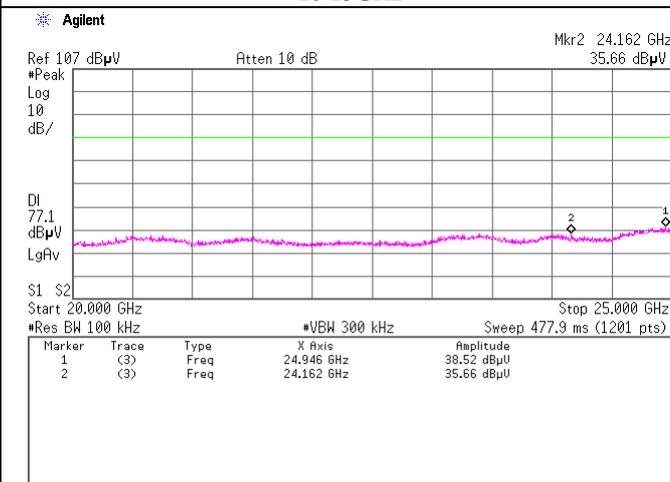
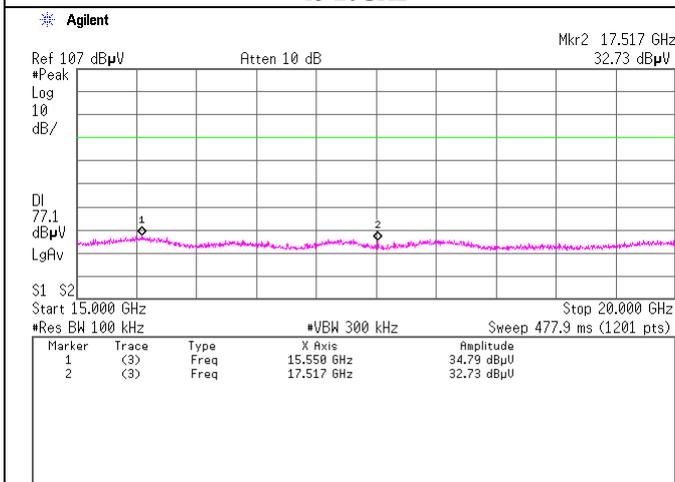
5-10GHz

10-15GHz

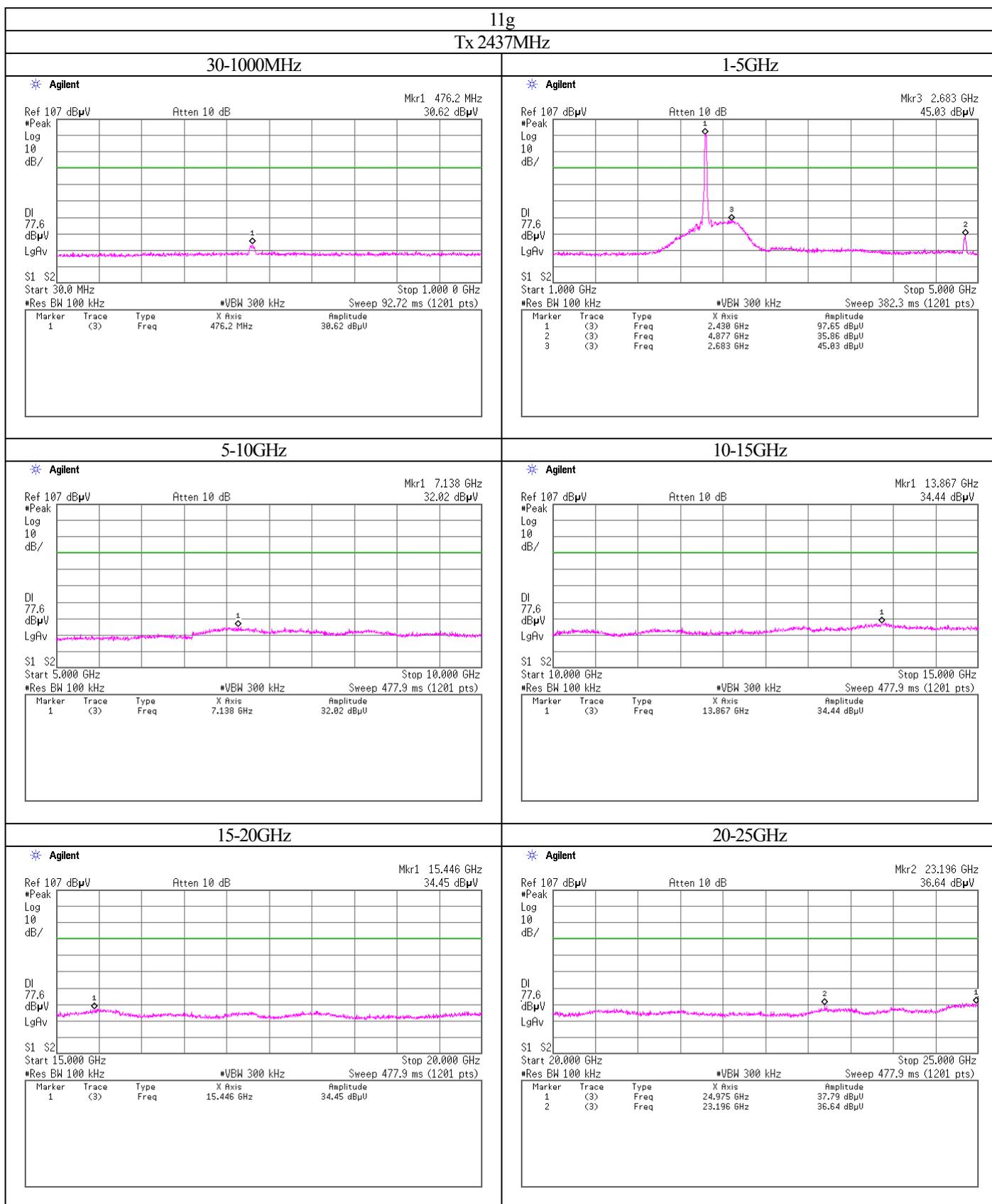


15-20GHz

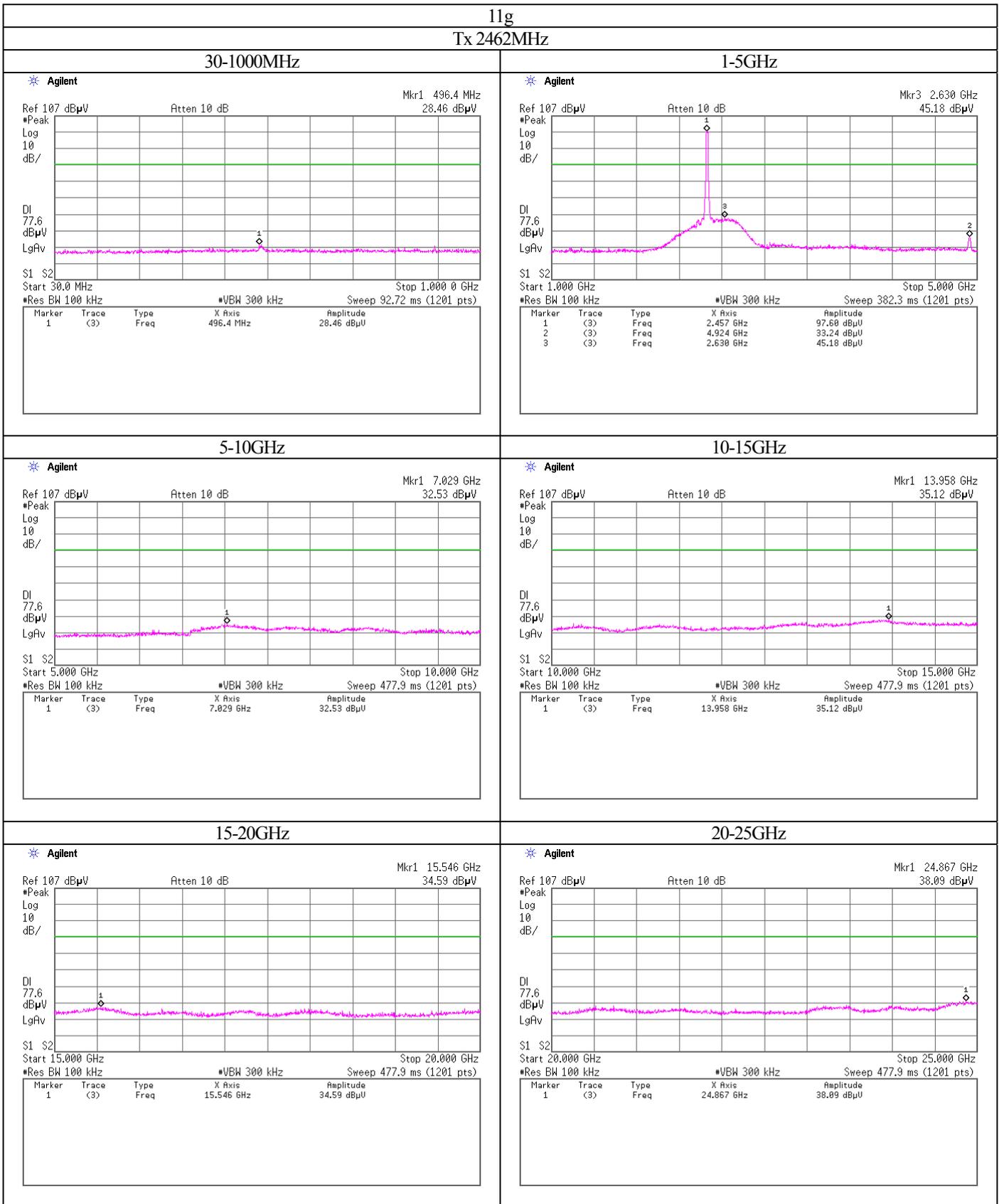
20-25GHz



Out of Band Emission (Antenna Terminal Conducted) (Regulation: FCC 15.247(d))



Out of Band Emission (Antenna Terminal Conducted) (Regulation: FCC 15.247(d))



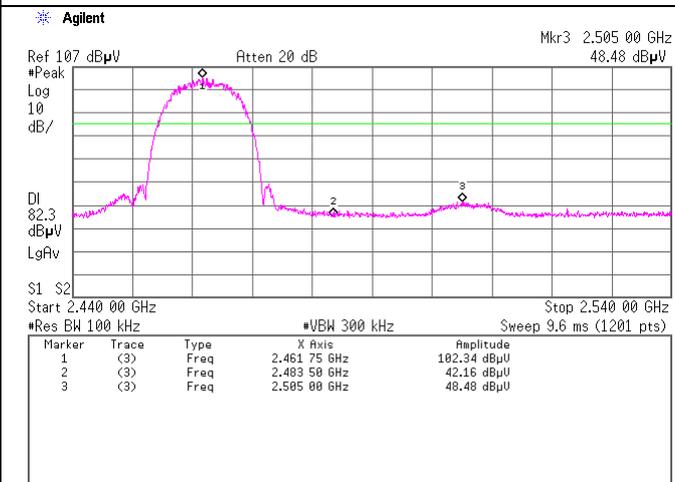
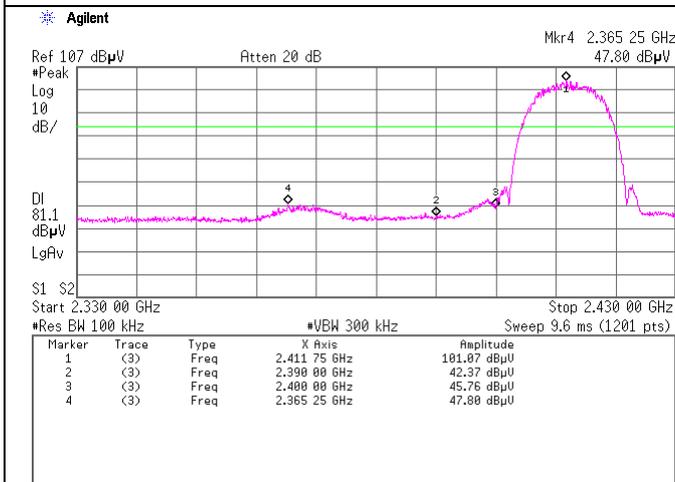
Out of Band Emission (Antenna Terminal Conducted) (Regulation: FCC 15.247(d))

Band edge compliance

11b

Tx 2412MHz

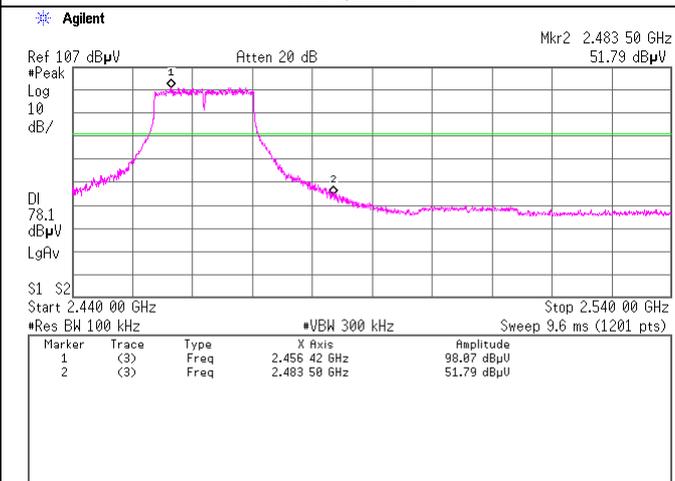
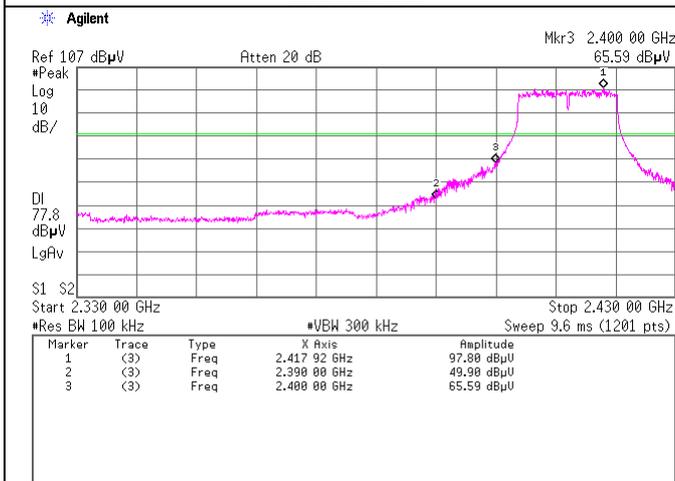
Tx 2462MHz



11g

Tx 2412MHz

Tx 2462MHz



Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2412MHz) 11b
 Remarks : with charging cradle
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 20 °C
 Humidity : 48 %
 Regulation : FCC Part15C § 15.209

Engineer : Yasumasa Owaki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	53.47	BB	23.5	34.8	10.0	28.5	1.5	6.0	12.5	23.8	40.0	27.5	16.2	
2.	110.07	BB	21.7	31.4	11.6	28.4	2.2	6.1	13.2	22.9	43.5	30.3	20.6	
3.	333.14	BB	27.9	24.8	15.5	27.8	4.4	3.0	23.0	19.9	46.0	23.0	26.1	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KBA-03 (<300MHz)/KLA-03 ■ AMP:KAF-05 ■ RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2437MHz) 11b
 Remarks : with charging cradle
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 20 °C
 Humidity : 48 %
 Regulation : FCC Part15C § 15.209

Engineer : Yasumasa Owaki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	53.47	BB	23.5	34.9	10.0	28.5	1.5	6.0	12.5	23.9	40.0	27.5	16.1	
2.	110.07	BB	21.7	31.2	11.6	28.4	2.2	6.1	13.2	22.7	43.5	30.3	20.8	
3.	333.14	BB	27.9	24.5	15.5	27.8	4.4	3.0	23.0	19.6	46.0	23.0	26.4	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KBA-03 (<300MHz)/KLA-03 ■ AMP:KAF-05 ■ RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2462MHz) 11b
 Remarks : with charging cradle
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 20 °C
 Humidity : 48 %
 Regulation : FCC Part15C § 15.209

Engineer : Yasumasa Owaki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]	HOR [dB]	VER [dB]		
1.	53.47	BB	23.4	34.8	10.0	28.5	1.5	6.0	12.4	23.8	40.0	27.6	16.2	
2.	110.07	BB	21.8	31.3	11.6	28.4	2.2	6.1	13.3	22.8	43.5	30.2	20.7	
3.	333.14	BB	27.8	24.6	15.5	27.8	4.4	3.0	22.9	19.7	46.0	23.1	26.3	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KBA-03 (<300MHz)/KLA-03 ■ AMP:KAF-05 ■ RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2412MHz) 11g
 Remarks : with charging cradle
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 20 °C
 Humidity : 48 %
 Regulation : FCC Part15C § 15.209

Engineer : Yasumasa Owaki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	53.51	BB	23.2	34.8	10.0	28.5	1.5	6.0	12.2	23.8	40.0	27.8	16.2	
2.	110.02	BB	21.8	31.1	11.6	28.4	2.2	6.1	13.3	22.6	43.5	30.2	20.9	
3.	333.14	BB	28.0	24.6	15.5	27.8	4.4	3.0	23.1	19.7	46.0	22.9	26.3	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KBA-03 (<300MHz)/KLA-03 ■ AMP:KAF-05 ■ RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2437MHz) 11g
 Remarks : with charging cradle
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 20 °C
 Humidity : 48 %
 Regulation : FCC Part15C § 15.209

Engineer : Yasumasa Owaki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	53.51	BB	23.3	34.8	10.0	28.5	1.5	6.0	12.3	23.8	40.0	27.7	16.2	
2.	110.02	BB	21.9	31.2	11.6	28.4	2.2	6.1	13.4	22.7	43.5	30.1	20.8	
3.	333.14	BB	27.9	24.5	15.5	27.8	4.4	3.0	23.0	19.6	46.0	23.0	26.4	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KBA-03 (<300MHz)/KLA-03 ■ AMP:KAF-05 ■ RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2462MHz) 11g
 Remarks : with charging cradle
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 20 °C
 Humidity : 48 %
 Regulation : FCC Part15C § 15.209

Engineer : Yasumasa Owaki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	53.51	BB	23.3	34.8	10.0	28.5	1.5	6.0	12.3	23.8	40.0	27.7	16.2	
2.	110.02	BB	22.0	31.9	11.6	28.4	2.2	6.1	13.5	23.4	43.5	30.0	20.1	
3.	333.14	BB	27.9	24.5	15.5	27.8	4.4	3.0	23.0	19.6	46.0	23.0	26.4	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KBA-03 (<300MHz)/KLA-03 ■ AMP:KAF-05 ■ RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 30IE0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2412MHz)
 Remarks : without charging cradle, 11b, HOR:Y, VER:X
 Date : 4/9/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209

Engineer : Takahiro Suzuki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	52.97	BB	21.7	25.3	10.1	28.5	1.5	6.0	10.8	14.4	40.0	29.2	25.6	
2.	60.72	BB	23.6	28.2	7.8	28.5	1.6	6.0	10.5	15.1	40.0	29.5	24.9	
3.	96.00	BB	20.9	27.3	9.4	28.5	2.1	6.1	10.0	16.4	43.5	33.5	27.1	
4.	350.00	BB	20.8	20.6	16.0	27.9	4.6	3.0	16.5	16.3	46.0	29.5	29.7	
5.	520.00	BB	21.4	21.3	18.2	29.1	6.1	3.0	19.6	19.5	46.0	26.4	26.5	
6.	760.00	BB	20.7	21.4	21.4	29.1	7.2	3.0	23.2	23.9	46.0	22.8	22.1	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KBA-03(<300MHz)/KLA-03 ■AMP:KAF-05 ■RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2437MHz)
 Remarks : without charging cradle, 11b, HOR:Y, VER:X
 Date : 4/9/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209

Engineer : Takahiro Suzuki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	52.97	BB	21.4	25.1	10.1	28.5	1.5	6.0	10.5	14.2	40.0	29.5	25.8	
2.	60.72	BB	23.3	28.0	7.8	28.5	1.6	6.0	10.2	14.9	40.0	29.8	25.1	
3.	96.01	BB	20.8	26.9	9.4	28.5	2.1	6.1	9.9	16.0	43.5	33.6	27.5	
4.	350.00	BB	20.6	20.5	16.0	27.9	4.6	3.0	16.3	16.2	46.0	29.7	29.8	
5.	520.00	BB	21.1	21.5	18.2	29.1	6.1	3.0	19.3	19.7	46.0	26.7	26.3	
6.	760.00	BB	20.3	21.2	21.4	29.1	7.2	3.0	22.8	23.7	46.0	23.2	22.3	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KBA-03(<300MHz)/KLA-03 ■AMP:KAF-05 ■RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2462MHz)
 Remarks : without charging cradle, 11b, HOR:Y, VER:X
 Date : 4/9/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209

Engineer : Takahiro Suzuki

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.	52.97	BB	22.0	24.8	10.1	28.5	1.5	6.0	11.1	13.9	40.0	28.9	26.1
2.	60.72	BB	23.7	28.4	7.8	28.5	1.6	6.0	10.6	15.3	40.0	29.4	24.7
3.	96.00	BB	21.0	27.0	9.4	28.5	2.1	6.1	10.1	16.1	43.5	33.4	27.4
4.	350.00	BB	20.5	20.3	16.0	27.9	4.6	3.0	16.2	16.0	46.0	29.8	30.0
5.	520.00	BB	21.2	21.5	18.2	29.1	6.1	3.0	19.4	19.7	46.0	26.6	26.3
6.	760.00	BB	20.4	20.8	21.4	29.1	7.2	3.0	22.9	23.3	46.0	23.1	22.7

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KBA-03(<300MHz)/KLA-03 ■AMP:KAF-05 ■RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 30IE0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2412MHz)
 Remarks : without charging cradle, 11g, HOR:Y, VER:X
 Date : 4/9/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209

Engineer : Takahiro Suzuki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	52.97	BB	21.5	24.3	10.1	28.5	1.5	6.0	10.6	13.4	40.0	29.4	26.6	
2.	60.72	BB	23.8	28.2	7.8	28.5	1.6	6.0	10.7	15.1	40.0	29.3	24.9	
3.	96.00	BB	20.7	27.6	9.4	28.5	2.1	6.1	9.8	16.7	43.5	33.7	26.8	
4.	350.00	BB	20.3	20.5	16.0	27.9	4.6	3.0	16.0	16.2	46.0	30.0	29.8	
5.	520.00	BB	21.3	21.7	18.2	29.1	6.1	3.0	19.5	19.9	46.0	26.5	26.1	
6.	760.00	BB	20.6	20.9	21.4	29.1	7.2	3.0	23.1	23.4	46.0	22.9	22.6	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KBA-03(<300MHz)/KLA-03 ■AMP:KAF-05 ■RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2437MHz)
 Remarks : without charging cradle, 11g, HOR:Y, VER:X
 Date : 4/9/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209

Engineer : Takahiro Suzuki

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.	52.97	BB	21.2	23.7	10.1	28.5	1.5	6.0	10.3	12.8	40.0	29.7	27.2
2.	60.72	BB	24.0	27.9	7.8	28.5	1.6	6.0	10.9	14.8	40.0	29.1	25.2
3.	96.00	BB	20.3	27.8	9.4	28.5	2.1	6.1	9.4	16.9	43.5	34.1	26.6
4.	350.00	BB	20.9	20.2	16.0	27.9	4.6	3.0	16.6	15.9	46.0	29.4	30.1
5.	520.00	BB	21.6	21.4	18.2	29.1	6.1	3.0	19.8	19.6	46.0	26.2	26.4
6.	760.00	BB	20.7	21.1	21.4	29.1	7.2	3.0	23.2	23.6	46.0	22.8	22.4

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KBA-03(<300MHz)/KLA-03 ■AMP:KAF-05 ■RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2462MHz)
 Remarks : without charging cradle, 11g, HOR:Y, VER:X
 Date : 4/9/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209

Engineer : Takahiro Suzuki

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.	52.97	BB	20.9	24.1	10.1	28.5	1.5	6.0	10.0	13.2	40.0	30.0	26.8
2.	60.72	BB	23.5	27.5	7.8	28.5	1.6	6.0	10.4	14.4	40.0	29.6	25.6
3.	96.00	BB	20.6	27.7	9.4	28.5	2.1	6.1	9.7	16.8	43.5	33.8	26.7
4.	350.00	BB	20.6	20.4	16.0	27.9	4.6	3.0	16.3	16.1	46.0	29.7	29.9
5.	520.00	BB	21.8	21.7	18.2	29.1	6.1	3.0	20.0	19.9	46.0	26.0	26.1
6.	760.00	BB	20.8	21.4	21.4	29.1	7.2	3.0	23.3	23.9	46.0	22.7	22.1

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KBA-03(<300MHz)/KLA-03 ■AMP:KAF-05 ■RECEIVER:MTR-06
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : AC120V/60Hz
 Mode : Transmitting (2412MHz)
 Remarks : with charging cradle, 11b, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C Engineer : Minoru Nakatake
 Humidity : 54 %
 Regulation : FCC Part15C § 15. 209(PK Detection)

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.	1505.40	BB	44.5	43.5	26.2	36.9	3.3	9.8	46.9	45.9	74.0	27.1	28.1
2.	2365.25	BB	45.5	45.7	27.0	36.7	4.1	9.9	49.8	50.0	74.0	24.2	24.0
3.	2390.00	BB	44.8	45.0	28.0	36.5	4.2	9.9	50.4	50.6	74.0	23.6	23.4
4.	4824.00	BB	40.2	39.7	30.6	36.2	5.7	0.5	40.8	40.3	74.0	33.2	33.7
5.	7236.00	BB	42.1	41.0	36.7	36.2	7.3	0.3	50.2	49.1	74.0	23.8	24.9
6.	9648.00	BB	44.6	44.3	38.8	36.3	8.6	0.8	56.5	56.2	74.0	17.5	17.8
7.	12060.00	BB	43.3	43.0	38.8	35.5	9.6	0.2	56.4	56.1	74.0	17.6	17.9

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : AC120V/60Hz
 Mode : Transmitting (2412MHz)
 Remarks : with charging cradle, 11b, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C Engineer : Minoru Nakatake
 Humidity : 54 %
 Regulation : FCC Part15C § 15. 209(AV Detection)

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.	1505.40	BB	34.5	33.5	26.2	36.9	3.3	9.8	36.9	35.9	54.0	17.1	18.1
2.	2365.25	BB	34.4	35.3	27.0	36.7	4.1	9.9	38.7	39.6	54.0	15.3	14.4
3.	2390.00	BB	34.1	35.2	28.0	36.5	4.2	9.9	39.7	40.8	54.0	14.3	13.2
4.	4824.00	BB	29.6	29.6	30.6	36.2	5.7	0.5	30.2	30.2	54.0	23.8	23.8
5.	7236.00	BB	30.2	30.1	36.7	36.2	7.3	0.3	38.3	38.2	54.0	15.7	15.8
6.	9648.00	BB	29.9	30.0	38.8	36.3	8.6	0.8	41.8	41.9	54.0	12.2	12.1
7.	12060.00	BB	30.5	30.5	38.8	35.5	9.6	0.2	43.6	43.6	54.0	10.4	10.4

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2437MHz)
 Remarks : with charging cradle, 11b, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C Engineer : Minoru Nakatake
 Humidity : 54 %
 Regulation : FCC Part15C § 15.209(PK Detection)

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1538.61	BB	44.5	45.1	26.3	36.8	3.3	9.8	47.1	47.7	74.0	26.9	26.3	
2.	4874.00	BB	40.4	40.3	32.2	36.2	6.0	0.5	42.9	42.8	74.0	31.1	31.2	
3.	7311.00	BB	41.7	42.3	36.9	36.3	7.4	0.4	50.1	50.7	74.0	23.9	23.3	
4.	9748.00	BB	45.0	44.6	38.9	36.3	8.6	0.7	56.9	56.5	74.0	17.1	17.5	
5.	12185.00	BB	43.9	43.8	39.0	35.3	9.6	0.3	57.5	57.4	74.0	16.5	16.6	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2437MHz)
 Remarks : with charging cradle, 11b, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C Engineer : Minoru Nakatake
 Humidity : 54 %
 Regulation : FCC Part15C § 15.209(AV Detection)

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1538.61	BB	33.7	33.7	26.3	36.8	3.3	9.8	36.3	36.3	54.0	17.7	17.7	
2.	4874.00	BB	28.5	29.6	32.2	36.2	6.0	0.5	31.0	32.1	54.0	23.0	21.9	
3.	7311.00	BB	30.0	30.3	36.9	36.3	7.4	0.4	38.4	38.7	54.0	15.6	15.3	
4.	9748.00	BB	28.9	29.6	38.9	36.3	8.6	0.7	40.8	41.5	54.0	13.2	12.5	
5.	12185.00	BB	30.6	30.7	39.0	35.3	9.6	0.3	44.2	44.3	54.0	9.8	9.7	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : AC120V/60Hz
 Mode : Transmitting (2462MHz)
 Remarks : with charging cradle, 11b, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C
 Humidity : 54 %
 Regulation : FCC Part15C § 15. 209(PK Detection)

Engineer : Minoru Nakatake

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1575.94	BB	47.6	43.4	26.4	36.8	3.3	9.8	50.3	46.1	74.0	23.7	27.9	
2.	2483.50	BB	49.5	46.0	28.0	36.5	4.2	9.9	55.1	51.6	74.0	18.9	22.4	
3.	2505.00	BB	49.8	47.0	28.0	36.7	4.2	9.9	55.2	52.4	74.0	18.8	21.6	
4.	4924.00	BB	40.6	39.9	30.9	36.2	5.8	0.4	41.5	40.8	74.0	32.5	33.2	
5.	7386.00	BB	42.3	42.0	37.1	36.3	7.4	0.4	50.9	50.6	74.0	23.1	23.4	
6.	9848.00	BB	45.8	45.5	39.0	36.2	8.6	0.7	57.9	57.6	74.0	16.1	16.4	
7.	12310.00	BB	43.1	43.1	39.2	35.0	9.7	0.4	57.4	57.4	74.0	16.6	16.6	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : AC120V/60Hz
 Mode : Transmitting (2462MHz)
 Remarks : with charging cradle, 11b, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C Engineer : Minoru Nakatake
 Humidity : 54 %
 Regulation : FCC Part15C § 15. 209(AV Detection)

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.	1575.94	BB	38.8	33.6	26.4	36.8	3.3	9.8	41.5	36.3	54.0	12.5	17.7
2.	2483.50	BB	39.2	35.9	28.0	36.5	4.2	9.9	44.8	41.5	54.0	9.2	12.5
3.	2505.00	BB	39.5	36.4	28.0	36.7	4.2	9.9	44.9	41.8	54.0	9.1	12.2
4.	4924.00	BB	30.0	29.7	32.2	36.1	6.0	0.5	32.6	32.3	54.0	21.4	21.7
5.	7386.00	BB	30.6	30.5	37.1	36.3	7.4	0.4	39.2	39.1	54.0	14.8	14.9
6.	9848.00	BB	30.2	29.8	39.0	36.2	8.6	0.7	42.3	41.9	54.0	11.7	12.1
7.	12310.00	BB	31.1	31.0	39.2	35.0	9.7	0.4	45.4	45.3	54.0	8.6	8.7

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2412MHz)
 Remarks : with charging cradle, 11g, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C Engineer : Minoru Nakatake
 Humidity : 54 %
 Regulation : FCC Part15C § 15.209(PK Detection)

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1505.49	BB	44.8	44.6	26.2	36.9	3.3	9.8	47.2	47.0	74.0	26.8	27.0	
2.	2390.00	BB	52.3	51.3	28.0	36.5	4.2	9.9	57.9	56.9	74.0	16.1	17.1	
3.	4824.00	BB	42.3	40.7	32.2	36.2	5.9	0.5	44.7	43.1	74.0	29.3	30.9	
4.	7236.00	BB	41.5	41.1	36.7	36.2	7.3	0.3	49.6	49.2	74.0	24.4	24.8	
5.	9648.00	BB	43.9	44.6	38.8	36.3	8.6	0.8	55.8	56.5	74.0	18.2	17.5	
6.	12060.00	BB	42.4	42.9	38.8	35.5	9.6	0.2	55.5	56.0	74.0	18.5	18.0	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT: KHA-02 ■ CABLE: KCC-D24/D25 ■ AMP: KAF-02 ■ SPECTRUM ANALYZER: KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2412MHz)
 Remarks : with charging cradle, 11g, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C Engineer : Minoru Nakatake
 Humidity : 54 %
 Regulation : FCC Part15C § 15.209 (AV Detection)

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1505.49	BB	33.5	33.4	26.2	36.9	3.3	9.8	35.9	35.8	54.0	18.1	18.2	
2.	2390.00	BB	39.3	38.2	28.0	36.5	4.2	9.9	44.9	43.8	54.0	9.1	10.2	
3.	4824.00	BB	29.2	29.4	32.2	36.2	5.9	0.5	31.6	31.8	54.0	22.4	22.2	
4.	7236.00	BB	29.7	29.9	36.7	36.2	7.3	0.3	37.8	38.0	54.0	16.2	16.0	
5.	9648.00	BB	29.1	30.1	38.8	36.3	8.6	0.8	41.0	42.0	54.0	13.0	12.0	
6.	12060.00	BB	30.7	30.7	38.8	35.5	9.6	0.2	43.8	43.8	54.0	10.2	10.2	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT: KHA-02 ■ CABLE: KCC-D24/D25 ■ AMP: KAF-02 ■ SPECTRUM ANALYZER: KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2437MHz)
 Remarks : with charging cradle, 11g, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C Engineer : Minoru Nakatake
 Humidity : 54 %
 Regulation : FCC Part15C § 15.209(PK Detection)

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1539.10	BB	45.1	44.4	26.3	36.8	3.3	9.8	47.7	47.0	74.0	26.3	27.0	
2.	4874.00	BB	40.6	41.2	32.2	36.2	6.0	0.5	43.1	43.7	74.0	30.9	30.3	
3.	7311.00	BB	42.9	42.7	36.9	36.3	7.4	0.4	51.3	51.1	74.0	22.7	22.9	
4.	9748.00	BB	44.3	44.5	38.9	36.3	8.6	0.7	56.2	56.4	74.0	17.8	17.6	
5.	12185.00	BB	43.6	43.4	39.0	35.3	9.6	0.3	57.2	57.0	74.0	16.8	17.0	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2437MHz)
 Remarks : with charging cradle, 11g, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C Engineer : Minoru Nakatake
 Humidity : 54 %
 Regulation : FCC Part15C § 15.209(AV Detection)

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1539.10	BB	33.7	33.6	26.3	36.8	3.3	9.8	36.3	36.2	54.0	17.7	17.8	
2.	4874.00	BB	28.8	28.7	32.2	36.2	6.0	0.5	31.3	31.2	54.0	22.7	22.8	
3.	7311.00	BB	30.1	30.1	36.9	36.3	7.4	0.4	38.5	38.5	54.0	15.5	15.5	
4.	9748.00	BB	28.9	29.0	38.9	36.3	8.6	0.7	40.8	40.9	54.0	13.2	13.1	
5.	12185.00	BB	30.9	31.1	39.0	35.3	9.6	0.3	44.5	44.7	54.0	9.5	9.3	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2462MHz)
 Remarks : with charging cradle, 11g, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C Engineer : Minoru Nakatake
 Humidity : 54 %
 Regulation : FCC Part15C § 15.209(PK Detection)

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1577.37	BB	50.3	44.0	26.4	36.8	3.3	9.8	53.0	46.7	74.0	21.0	27.3	
2.	2483.50	BB	63.6	58.4	28.0	36.5	4.2	9.9	69.2	64.0	74.0	4.8	10.0	
3.	4924.00	BB	40.8	39.4	32.2	36.1	6.0	0.5	43.4	42.0	74.0	30.6	32.0	
4.	7386.00	BB	42.7	42.0	37.1	36.3	7.4	0.4	51.3	50.6	74.0	22.7	23.4	
5.	9848.00	BB	46.0	45.0	39.0	36.2	8.6	0.7	58.1	57.1	74.0	15.9	16.9	
6.	12310.00	BB	43.5	43.3	39.2	35.0	9.7	0.4	57.8	57.6	74.0	16.2	16.4	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC5.2V (AC120V/60Hz)
 Mode : Transmitting (2462MHz)
 Remarks : with charging cradle, 11g, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/12/2010
 Test Distance : 3 m
 Temperature : 19 °C Engineer : Minoru Nakatake
 Humidity : 54 %
 Regulation : FCC Part15C § 15.209 (AV Detection)

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1577.37	BB	37.7	33.6	26.4	36.8	3.3	9.8	40.4	36.3	54.0	13.6	17.7	
2.	2483.50	BB	45.0	42.6	28.0	36.5	4.2	9.9	50.6	48.2	54.0	3.4	5.8	
3.	4924.00	BB	28.5	29.7	32.2	36.1	6.0	0.5	31.1	32.3	54.0	22.9	21.7	
4.	7386.00	BB	30.1	30.3	37.1	36.3	7.4	0.4	38.7	38.9	54.0	15.3	15.1	
5.	9848.00	BB	29.3	29.7	39.0	36.2	8.6	0.7	41.4	41.8	54.0	12.6	12.2	
6.	12310.00	BB	30.6	30.8	39.2	35.0	9.7	0.4	44.9	45.1	54.0	9.1	8.9	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT: KHA-02 ■ CABLE: KCC-D24/D25 ■ AMP: KAF-02 ■ SPECTRUM ANALYZER: KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.

YAMAKITA No.1 Semi-anechoic chamber

Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC
 Mode : Transmitting (2412MHz)
 Remarks : without charging cradle, 11b, HOR:Y, VER:X, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209(PK Detection)

Engineer : Takahiro Suzuki

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.	1502.86	BB	46.2	42.9	26.1	36.9	3.3	9.8	48.5	45.2	74.0	25.5	28.8
2.	2365.25	BB	46.3	44.5	27.0	36.7	4.1	9.9	50.6	48.8	74.0	23.4	25.2
3.	2390.00	BB	45.5	43.2	28.0	36.5	4.2	9.9	51.1	48.8	74.0	22.9	25.2
4.	4824.00	BB	41.8	38.3	32.2	36.2	5.9	0.5	44.2	40.7	74.0	29.8	33.3
5.	7236.00	BB	42.2	40.7	36.7	36.2	7.3	0.3	50.3	48.8	74.0	23.7	25.2
6.	9648.00	BB	43.6	43.4	38.8	36.3	8.6	0.8	55.5	55.3	74.0	18.5	18.7
7.	12060.00	BB	42.0	42.9	38.8	35.5	9.6	0.2	55.1	56.0	74.0	18.9	18.0

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

Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 30IE0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC
 Mode : Transmitting (2412MHz)
 Remarks : without charging cradle, 11b, HOR:Y, VER:X, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15. 209(AV Detection)
 Engineer : Takahiro Suzuki

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.	1502.86	BB	32.8	32.1	26.1	36.9	3.3	9.8	35.1	34.4	54.0	18.9	19.6
2.	2365.25	BB	33.6	33.2	27.0	36.7	4.1	9.9	37.9	37.5	54.0	16.1	16.5
3.	2390.00	BB	32.4	32.6	28.0	36.5	4.2	9.9	38.0	38.2	54.0	16.0	15.8
4.	4824.00	BB	29.3	27.4	32.2	36.2	5.9	0.5	31.7	29.8	54.0	22.3	24.2
5.	7236.00	BB	29.9	30.2	36.7	36.2	7.3	0.3	38.0	38.3	54.0	16.0	15.7
6.	9648.00	BB	32.8	33.2	38.8	36.3	8.6	0.8	44.7	45.1	54.0	9.3	8.9
7.	12060.00	BB	31.4	31.8	38.8	35.5	9.6	0.2	44.5	44.9	54.0	9.5	9.1

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2437MHz)
 Remarks : without charging cradle, 11b, HOR:Y, VER:X, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209(PK Detection)
 Engineer : Takahiro Suzuki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1539.11	BB	46.6	42.3	26.3	36.8	3.3	9.8	49.2	44.9	74.0	24.8	29.1	
2.	4874.00	BB	41.5	40.1	32.2	36.2	6.0	0.5	44.0	42.6	74.0	30.0	31.4	
3.	7311.00	BB	41.2	41.7	36.9	36.3	7.4	0.4	49.6	50.1	74.0	24.4	23.9	
4.	9748.00	BB	43.3	42.8	38.9	36.3	8.6	0.7	55.2	54.7	74.0	18.8	19.3	
5.	12185.00	BB	41.2	42.5	39.0	35.3	9.6	0.3	54.8	56.1	74.0	19.2	17.9	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KHA-02 ■CABLE:KCC-D24/D25 ■AMP:KAF-02 ■SPECTRUM ANALYZER:KSA-04
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2437MHz)
 Remarks : without charging cradle, 11b, HOR:Y, VER:X, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209(AV Detection)

Engineer : Takahiro Suzuki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1539.11	BB	33.1	32.7	26.3	36.8	3.3	9.8	35.7	35.3	54.0	18.3	18.7	
2.	4874.00	BB	29.1	27.9	32.2	36.2	6.0	0.5	31.6	30.4	54.0	22.4	23.6	
3.	7311.00	BB	29.4	31.1	36.9	36.3	7.4	0.4	37.8	39.5	54.0	16.2	14.5	
4.	9748.00	BB	32.6	33.0	38.9	36.3	8.6	0.7	44.5	44.9	54.0	9.5	9.1	
5.	12185.00	BB	31.2	31.5	39.0	35.3	9.6	0.3	44.8	45.1	54.0	9.2	8.9	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KHA-02 ■CABLE:KCC-D24/D25 ■AMP:KAF-02 ■SPECTRUM ANALYZER:KSA-04
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC
 Mode : Transmitting (2462MHz)
 Remarks : without charging cradle, 11b, HOR:Y, VER:X, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15. 209(PK Detection)

Engineer : Takahiro Suzuki

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.	1577.69	BB	47.4	43.0	26.4	36.8	3.3	9.8	50.1	45.7	74.0	23.9	28.3
2.	2483.50	BB	47.8	43.7	28.0	36.5	4.2	9.9	53.4	49.3	74.0	20.6	24.7
3.	2505.00	BB	48.3	44.5	28.0	36.7	4.2	9.9	53.8	49.9	74.0	20.3	24.1
4.	4924.00	BB	40.8	38.6	32.2	36.1	6.0	0.5	43.4	41.2	74.0	30.6	32.8
5.	7386.00	BB	41.1	40.8	37.1	36.3	7.4	0.4	49.7	49.4	74.0	24.3	24.6
6.	9848.00	BB	42.9	42.4	39.0	36.2	8.6	0.7	55.0	54.5	74.0	19.0	19.5
7.	12310.00	BB	43.2	41.9	39.2	35.0	9.7	0.4	57.5	56.2	74.0	16.5	17.8

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC
 Mode : Transmitting (2462MHz)
 Remarks : without charging cradle, 11b, HOR:Y, VER:X, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15. 209(AV Detection)
 Engineer : Takahiro Suzuki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1577.69	BB	34.9	31.6	26.4	36.8	3.3	9.8	37.6	34.3	54.0	16.4	19.7	
2.	2483.50	BB	37.2	32.8	28.0	36.5	4.2	9.9	42.8	38.4	54.0	11.2	15.6	
3.	2505.00	BB	38.1	33.5	28.0	36.7	4.2	9.9	41.5	38.9	54.0	10.5	15.1	
4.	4924.00	BB	28.8	27.6	32.2	36.1	6.0	0.5	31.4	30.2	54.0	22.6	23.8	
5.	7386.00	BB	29.6	30.0	37.1	36.3	7.4	0.4	38.2	38.6	54.0	15.8	15.4	
6.	9848.00	BB	32.4	32.5	39.0	36.2	8.6	0.7	44.5	44.6	54.0	9.5	9.4	
7.	12310.00	BB	31.8	31.1	39.2	35.0	9.7	0.4	46.1	45.4	54.0	7.9	8.6	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ ANT:KHA-02 ■ CABLE:KCC-D24/D25 ■ AMP:KAF-02 ■ SPECTRUM ANALYZER:KSA-04

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2412MHz)
 Remarks : without charging cradle, 11g, HOR:Y, VER:X, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209(PK Detection)

Engineer : Takahiro Suzuki

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.	1502.86	BB	45.9	43.0	26.1	36.9	3.3	9.8	48.2	45.3	74.0	25.8	28.7
2.	2390.00	BB	56.7	50.5	28.0	36.5	4.2	9.9	62.3	56.1	74.0	11.7	17.9
3.	4824.00	BB	41.9	38.5	32.2	36.2	5.9	0.5	44.3	40.9	74.0	29.7	33.1
4.	7236.00	BB	43.1	40.4	36.7	36.2	7.3	0.3	51.2	48.5	74.0	22.8	25.5
5.	9648.00	BB	43.2	43.1	38.8	36.3	8.6	0.8	55.1	55.0	74.0	18.9	19.0
6.	12060.00	BB	42.1	42.6	38.8	35.5	9.6	0.2	55.2	55.7	74.0	18.8	18.3

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KHA-02 ■CABLE:KCC-D24/D25 ■AMP:KAF-02 ■SPECTRUM ANALYZER:KSA-04
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2412MHz)
 Remarks : without charging cradle, 11g, HOR:Y, VER:X, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209(AV Detection)
 Engineer : Takahiro Suzuki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1502.86	BB	32.9	32.5	26.1	36.9	3.3	9.8	35.2	34.8	54.0	18.8	19.2	
2.	2390.00	BB	39.8	35.7	28.0	36.5	4.2	9.9	45.4	41.3	54.0	8.6	12.7	
3.	4824.00	BB	29.2	27.2	32.2	36.2	5.9	0.5	31.6	29.6	54.0	22.4	24.4	
4.	7236.00	BB	30.2	30.8	36.7	36.2	7.3	0.3	38.3	38.9	54.0	15.7	15.1	
5.	9648.00	BB	32.4	33.1	38.8	36.3	8.6	0.8	44.3	45.0	54.0	9.7	9.0	
6.	12060.00	BB	31.1	31.4	38.8	35.5	9.6	0.2	44.2	44.5	54.0	9.8	9.5	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KHA-02 ■CABLE:KCC-D24/D25 ■AMP:KAF-02 ■SPECTRUM ANALYZER:KSA-04
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2437MHz)
 Remarks : without charging cradle, 11g, HOR:Y, VER:X, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209(PK Detection)
 Engineer : Takahiro Suzuki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1539.11	BB	46.3	42.8	26.3	36.8	3.3	9.8	48.9	45.4	74.0	25.1	28.6	
2.	4874.00	BB	41.1	40.2	32.2	36.2	6.0	0.5	43.6	42.7	74.0	30.4	31.3	
3.	7311.00	BB	41.7	41.6	36.9	36.3	7.4	0.4	50.1	50.0	74.0	23.9	24.0	
4.	9748.00	BB	43.7	42.5	38.9	36.3	8.6	0.7	55.6	54.4	74.0	18.4	19.6	
5.	12185.00	BB	42.0	42.3	39.0	35.3	9.6	0.3	55.6	55.9	74.0	18.4	18.1	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KHA-02 ■CABLE:KCC-D24/D25 ■AMP:KAF-02 ■SPECTRUM ANALYZER:KSA-04
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 30IE0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2437MHz)
 Remarks : without charging cradle, 11g, HOR:Y, VER:X, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C Engineer : Takahiro Suzuki
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209(AV Detection)

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1539.11	BB	32.9	32.8	26.3	36.8	3.3	9.8	35.5	35.4	54.0	18.5	18.6	
2.	4874.00	BB	28.6	27.5	32.2	36.2	6.0	0.5	31.1	30.0	54.0	22.9	24.0	
3.	7311.00	BB	29.2	30.8	36.9	36.3	7.4	0.4	37.6	39.2	54.0	16.4	14.8	
4.	9748.00	BB	32.4	33.1	38.9	36.3	8.6	0.7	44.3	45.0	54.0	9.7	9.0	
5.	12185.00	BB	31.5	31.2	39.0	35.3	9.6	0.3	45.1	44.8	54.0	8.9	9.2	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KHA-02 ■CABLE:KCC-D24/D25 ■AMP:KAF-02 ■SPECTRUM ANALYZER:KSA-04
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2462MHz)
 Remarks : without charging cradle, 11g, HOR:Y, VER:X, PK (RBW:1MHz, VBW:3MHz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209(PK Detection)

Engineer : Takahiro Suzuki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1577.69	BB	47.6	43.1	26.4	36.8	3.3	9.8	50.3	45.8	74.0	23.7	28.2	
2.	2483.50	BB	60.6	50.8	28.0	36.5	4.2	9.9	66.2	56.4	74.0	7.8	17.6	
3.	4924.00	BB	40.3	38.4	32.2	36.1	6.0	0.5	42.9	41.0	74.0	31.1	33.0	
4.	7386.00	BB	41.2	40.7	37.1	36.3	7.4	0.4	49.8	49.3	74.0	24.2	24.7	
5.	9848.00	BB	42.8	42.6	39.0	36.2	8.6	0.7	54.9	54.7	74.0	19.1	19.3	
6.	12310.00	BB	43.2	41.3	39.2	35.0	9.7	0.4	57.5	55.6	74.0	16.5	18.4	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KHA-02 ■CABLE:KCC-D24/D25 ■AMP:KAF-02 ■SPECTRUM ANALYZER:KSA-04
 ** : enough margin compared to another polarized wave data.

Data of Radiated Disturbance Test

UL Japan, Inc.
YAMAKITA No.1 Semi-anechoic chamber
Report No. : 301E0007-YK-01-B

Applicant : Sony EMCS Corporation Kisarazu TEC
 Kind of Equipment : Network Remote Controller
 Model No. : RMN-U1
 Serial No. : 5
 Power : DC3.7V
 Mode : Transmitting (2462MHz)
 Remarks : without charging cradle, 11g, HOR:Y, VER:X, AV (RBW:1MHz, VBW:10Hz)
 Date : 4/8/2010
 Test Distance : 3 m
 Temperature : 22 °C
 Humidity : 42 %
 Regulation : FCC Part15C § 15.209(AV Detection)
 Engineer : Takahiro Suzuki

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	1577.69	BB	35.1	31.9	26.4	36.8	3.3	9.8	37.8	34.6	54.0	16.2	19.4	
2.	2483.50	BB	45.3	37.3	28.0	36.5	4.2	9.9	50.9	42.9	54.0	3.1	11.1	
3.	4924.00	BB	28.4	28.1	32.2	36.1	6.0	0.5	31.0	30.7	54.0	23.0	23.3	
4.	7386.00	BB	29.2	29.5	37.1	36.3	7.4	0.4	37.8	38.1	54.0	16.2	15.9	
5.	9848.00	BB	32.7	32.2	39.0	36.2	8.6	0.7	44.8	44.3	54.0	9.2	9.7	
6.	12310.00	BB	32.0	30.8	39.2	35.0	9.7	0.4	46.3	45.1	54.0	7.7	8.9	

CALCULATION: READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN.
 Except for the above table : adequate margin data below the limits.

■ANT:KHA-02 ■CABLE:KCC-D24/D25 ■AMP:KAF-02 ■SPECTRUM ANALYZER:KSA-04
 ** : enough margin compared to another polarized wave data.

Power Density (Regulation: FCC 15.247(e))

UL Japan, Inc. Yamakita EMC lab.
No.2 Shielded Room

Date: 2010/4/14

Temp./Humid.: 21 deg.C / 41%

Test mode: Transmitting,
IEEE802.11b, 2Mbps
/ IEEE802.11g, 6Mbps

Engineer: Akira Sato

Remarks: without Charging cradle

11b

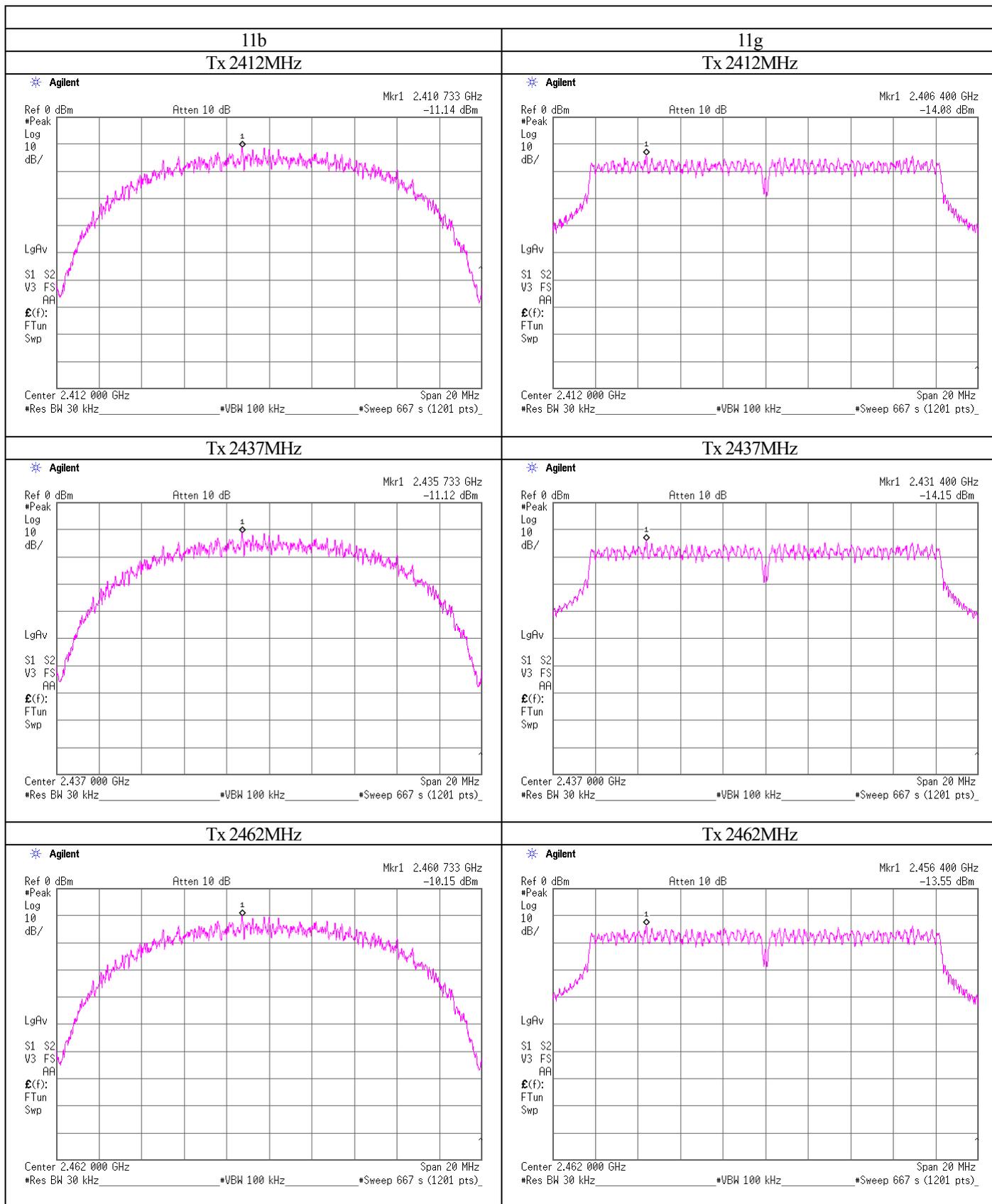
Ch. Freq. [MHz]	Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	2410.73	-11.14	1.40	10.03	0.29	8.00	7.71
2437	2435.73	-11.12	1.41	10.03	0.32	8.00	7.68
2462	2460.73	-10.15	1.41	10.03	1.29	8.00	6.71

11g

Ch. Freq. [MHz]	Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	2406.40	-14.08	1.40	10.03	-2.65	8.00	10.65
2437	2431.40	-14.15	1.41	10.03	-2.71	8.00	10.71
2462	2456.40	-13.55	1.41	10.03	-2.11	8.00	10.11

Sample Calculation:

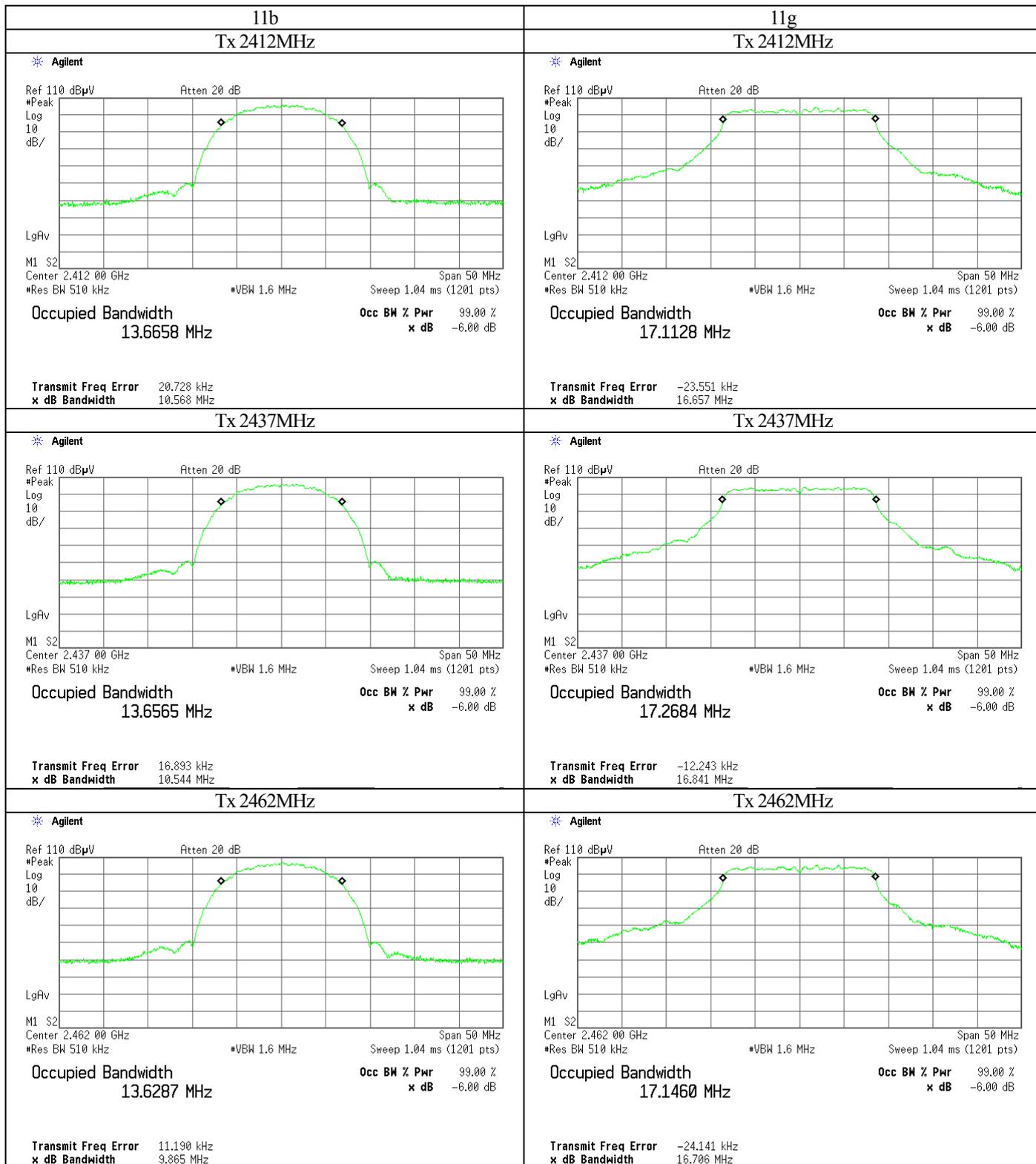
Result = Reading + Cable Loss (Including customer's cable loss)+ Attenuator



Occupied Bandwidth (99%) (Regulation: RSS-Gen 4.6.1)

UL Japan, Inc. Yamakita EMC lab. No.2 shielded room
 Date: 2010/4/14
 Temp/Humid: 21 deg. C. / 41 %
 Engineer: Akira Sato
 Test mode: Transmitting,
 IEEE802.11b, 2Mbps /
 IEEE802.11g, 3Mbps
 without Charging cradle

Remarks:



APPENDIX 3 Test Instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
CUST-YA-CE	Conducted emission(software)	UL Japan	CE(Ver.2.0)	-	CE	-
KLS-01	LISN(AMN)	Schwarzbeck	NSLK8126	8126354	CE	2010/02/25 * 12
KCC-33/34/KRM-03	Coaxial Cable/RF Relay Matrix	Fujikura/Suhner/TSJ	5D-2W(12m)/S04272B(2m)/RFM-E421	-/01055	CE	2009/10/27 * 12
CUST-YA-RE	Radiated emission(software)	UL Japan	RE(Ver.2.0)	-	RE	-
KAEC-01(NSA)	Anechoic Chamber	JSE	Semi 3m	1	RE	2009/08/20 * 12
KAF-05	Pre Amplifier	Agilent	8447D	2944A10150	RE	2010/03/29 * 12
KAT6-01	Attenuator	INMET	18N-6dB	-	RE	2010/03/29 * 12
KAT3-08	Attenuator	JFW IND. INC.	50HF-003N	-	RE	2009/08/18 * 12
KBA-03	Biconical Antenna	Schwarzbeck	BBA9106	1926	RE	2009/12/28 * 12
KLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	170	RE	2009/12/28 * 12
KCC-30/31/32/34/37/KRM-03	Coaxial Cable/RF Relay Matrix	Fujikura/Suhner/TSJ	5D-2W/S04272B/RFM-E421	-/01055	RE	2009/10/27 * 12
KAF-02	Pre Amplifier	Hewlett Packard	8449B	3008A01268	RE	2010/04/23 * 12
KHA-02	Horn Antenna	Schwarzbeck	BBHA9120D	230	RE	2010/04/05 * 12
KHA-04	Horn Antenna	EMCO	3160-09	1278	RE	2010/04/05 * 12
KCC-D14/D15	Coaxial cable	Suhner	SUCOFLEX 104(13m)/SUCOFLEX 104(0.6m)	232321/4 / 232365/4	RE	2009/12/17 * 12
KSA-04	Spectrum Analyzer	Advantest	R3271A	95060087	CE/RE	2010/01/12 * 12
KCC-D24/D25	Coaxial Cable	Suhner	SUCOFLEX 102	32718/2 / 32709/2	RE	2010/04/20 * 12
MTR-06	Test Receiver	Rohde & Schwarz	ESGS30	830245/011	CE/RE	2009/11/18 * 12
KJM-07	Measure	KOMELON	KMC-36	-	CE/RE	-
KOS-01	Humidity Indicator	Custom	CTH-190	K-01	CE, AT all	2009/07/29 * 12
KOS-02	Humidity Indicator	Custom	CTH-190	K-02	RE	2009/07/23 * 12
KAT10-S2	Attenuator	Agilent	8490D 010	06036	AT all	2009/12/17 * 12
KAT10-S3	Attenuator	Agilent	8490D 010	50924	RE	2009/07/30 * 12
KCC-D20	Coaxial Cable	SUHNER	SUCOFLEX102	31110/2	AT 1,3,4	2009/07/30 * 12
KFL-01	Highpass Filter	Hewlett Packard	84300 80038	004	RE	2010/04/22 * 12
KPM-08	Power meter	Anritsu	ML2495A	6K00003356	AT 2	2009/10/30 * 12
KPSS-04	Power sensor	Anritsu	MA2411B	012088	AT 2	2009/10/30 * 12
KSA-08	Spectrum Analyzer	Agilent	E4446A	MY46180525	AT 1,3,4	2010/01/27 * 12

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

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

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

Test Item :

CE: Conducted emission

RE: Out of band emission (Radiated)

AT: Antenna terminal conducted test

1: Bandwidth

2: Maximum peak output power

3: Out of band emission (Conducted)

4: Peak power density