DATA OF CONDUCTION TEST

UL Japan, Inc.
YAMAKITA No.1 ANECHOIC CHAMBER
Report No.: 28IE0218-YK-A

Applicant : RICOH COMPANY, LTD.
Kind of Equipment : Full-color MFP
Model No. : Aficio MP C3000
Serial No. : L3700000023
Power : AC120V/60Hz
Mode : Transmitting(2402MHz)
Remarks : Bluetooth, With RFID Transmitting
Date : 5/13/2008
Phase : Single Phase
Temperature : 21 ℃ Engineer : Makoto Hosaka
Humidity : 48 %
Regulation : FCC Part15C §15.207.(CISPR Pub.22)

No.	FREQ.	READING(N)		READING(L1)		LISN	CABLE	ATTEN.	RESULT		LIMITS		MARGIN	
		QP	AV	QP	AV	FACTOR	LOSS		QP	AV	QP	AV	QP	AV
	[MHz]	[dBμV]		[dBμV]		[dB]	[dB]	[dB]	[dB]		[dBμV]		[dB]	
1.	0.1500	39.5	-	40.7	-	0.0	0.1	0.0	40.8	-	66.0	56.0	25.2	-
2.	0.1965	48.9	42.6	50.1	42.8	0.0	0.1	0.0	50.2	42.9	63.8	53.8	13.6	10.9
3.	0.2953	31.6	-	33.4	-	0.0	0.1	0.0	33.5	-	60.4	50.4	26.9	-
4.	3.5493	18.0	-	31.8	-	0.1	0.2	0.0	32.1	-	56.0	46.0	23.9	-
5.	7.4951	35.9	-	38.4	-	0.3	0.4	0.0	39.1	-	60.0	50.0	20.9	-
6.	7.6923	36.8	-	39.2	-	0.3	0.4	0.0	39.9	-	60.0	50.0	20.1	-

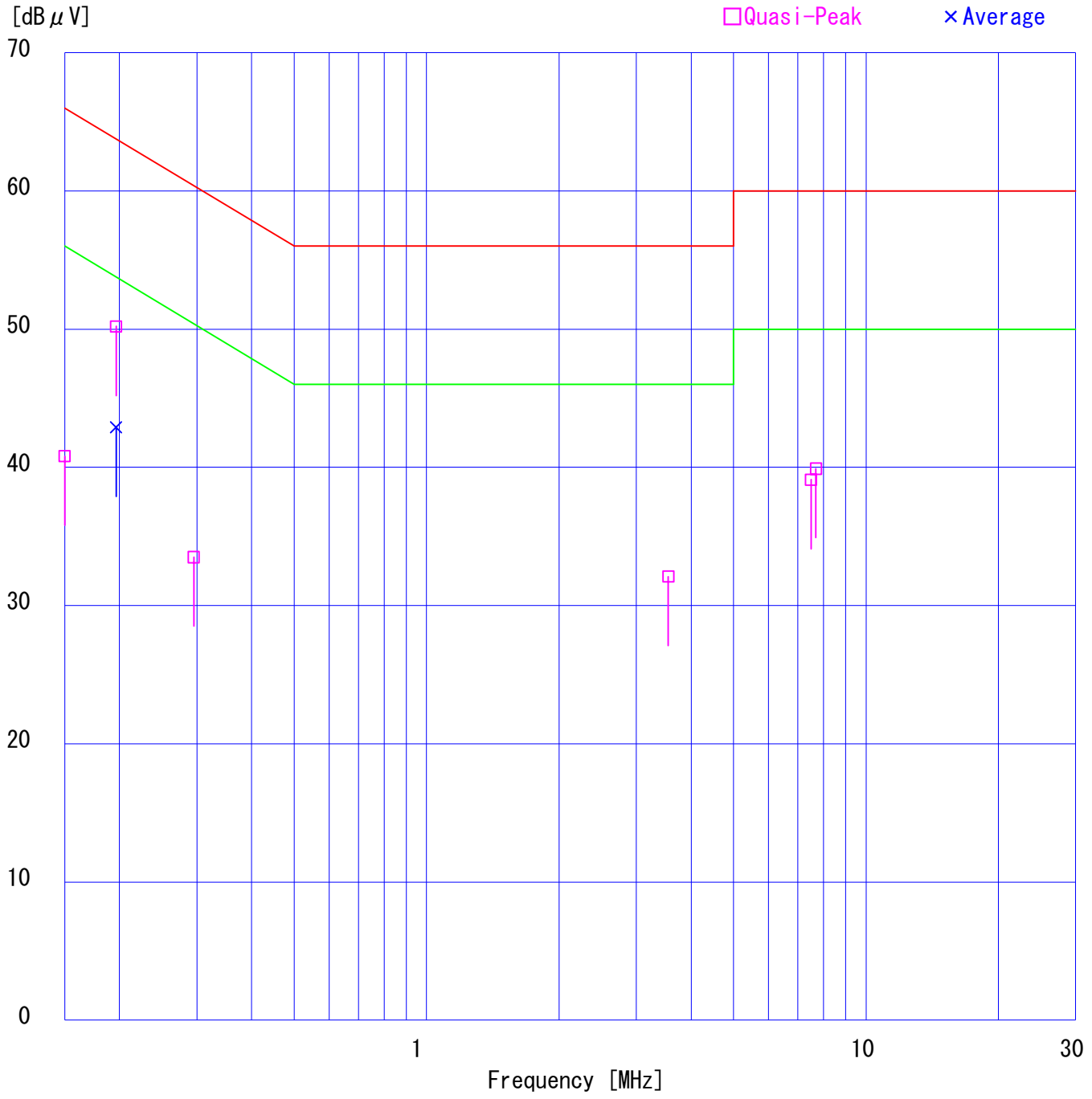
CALCULATION: READING + LISN FACTOR + CABLE LOSS + ATTEN.

■LISN:KLS-03(NNLK8129)■COAXIAL CABLE:KCC-33/34
■EMI RECEIVER:KTR-03(ESHS10)

DATA OF CONDUCTION TEST

UL Japan, Inc.
YAMAKITA No.1 ANECHOIC CHAMBER
Report No.: 28IE0218-YK-A

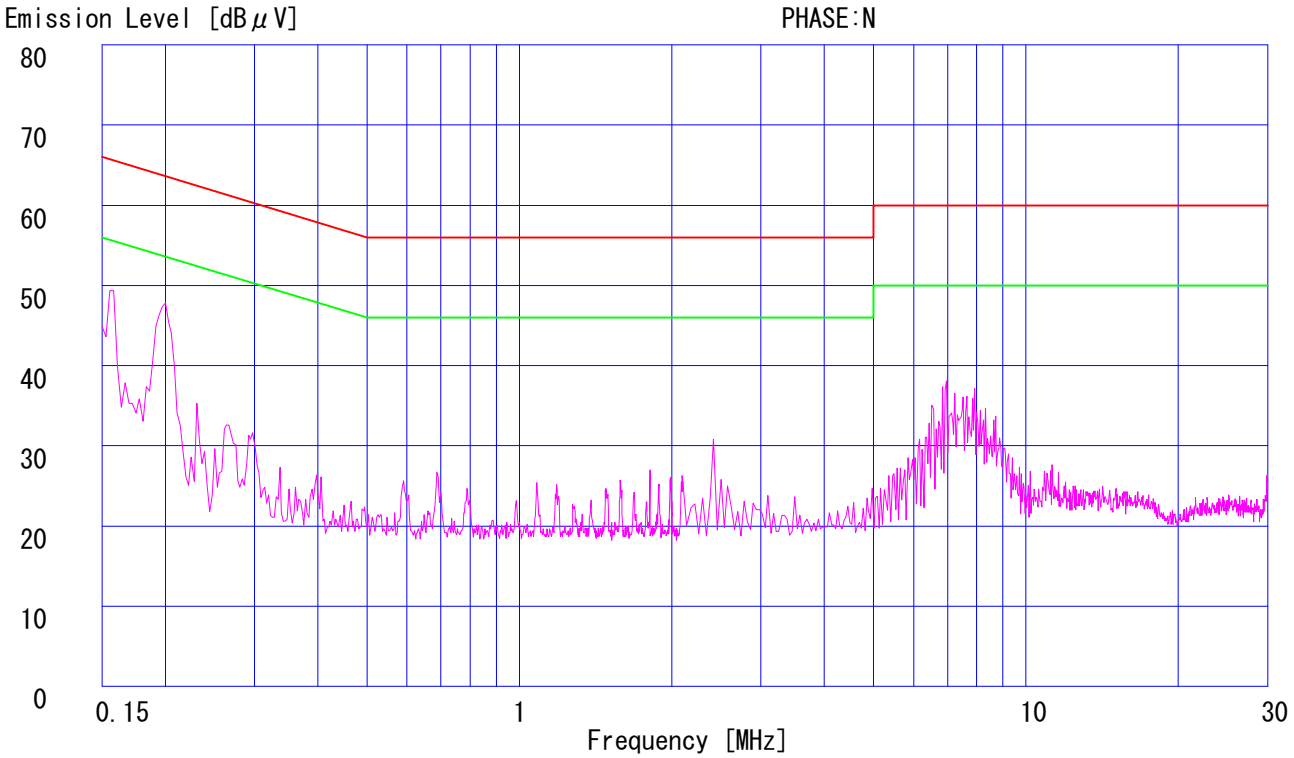
Applicant	: RICOH COMPANY, LTD.		
Kind of Equipment	: Full-color MFP		
Model No.	: Aficio MP C3000		
Serial No.	: L3700000023		
Power	: AC120V/60Hz		
Mode	: Transmitting(2402MHz)		
Remarks	: Bluetooth, With RFID Transmitting		
Date	: 5/13/2008		
Phase	: Single Phase		
Temperature	: 21 ℃	Engineer	: Makoto Hosaka
Humidity	: 48 %		
Regulation	: FCC Part15C §15.207.(CISPR Pub.22)		

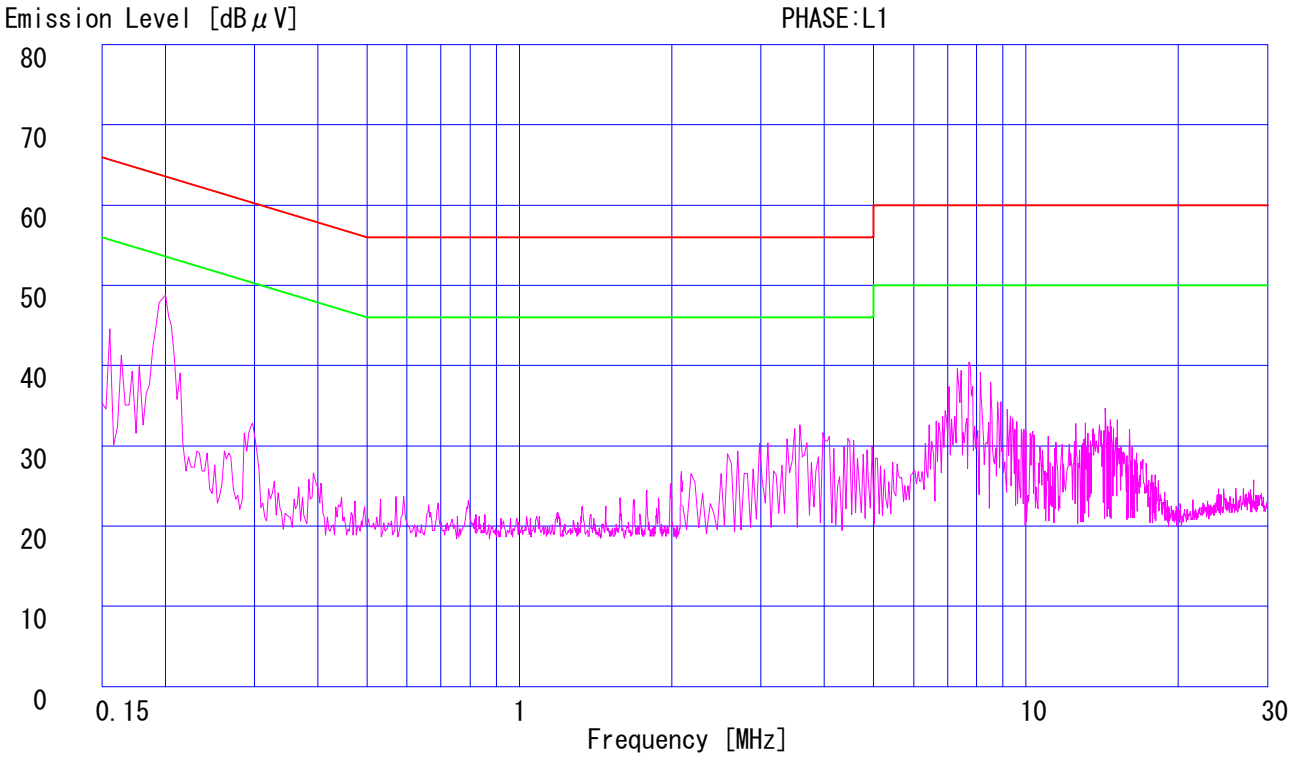


DATA OF CONDUCTION TEST CHART

UL Japan, Inc.
YAMAKITA No.1 ANECHOIC CHAMBER
Report No.: 28IE0218-YK-A

Applicant	: RICOH COMPANY, LTD.		
Kind of Equipment	: Full-color MFP		
Model No.	: Aficio MP C3000		
Serial No.	: L3700000023		
Power	: AC120V/60Hz		
Mode	: Transmitting(2402MHz)		
Remarks	: Bluetooth, With RFID Transmitting		
Date	: 5/13/2008		
Phase	: Single Phase		
Temperature	: 21 ℃	Engineer	: Makoto Hosaka
Humidity	: 48 %		
Regulation 1	: FCC Part15C §15.207.(CISPR Pub.22)		
Regulation 2	: None		

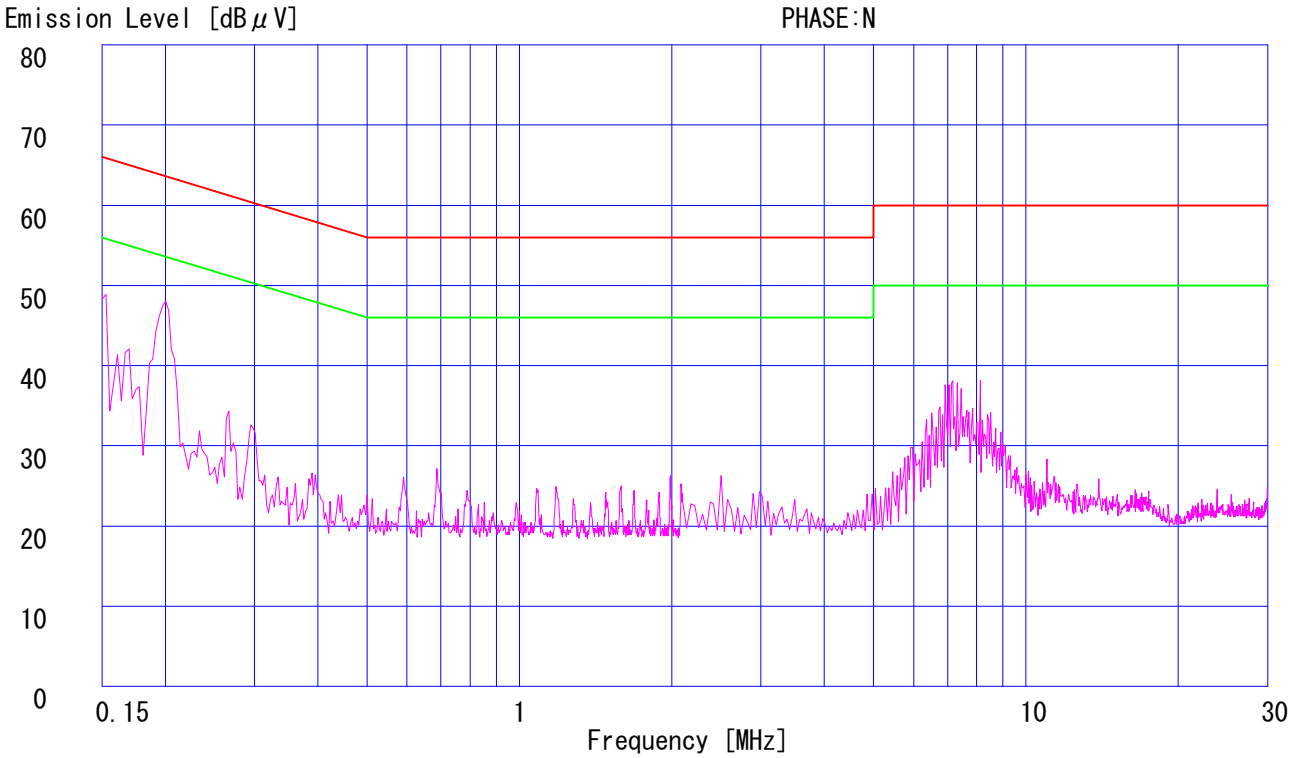


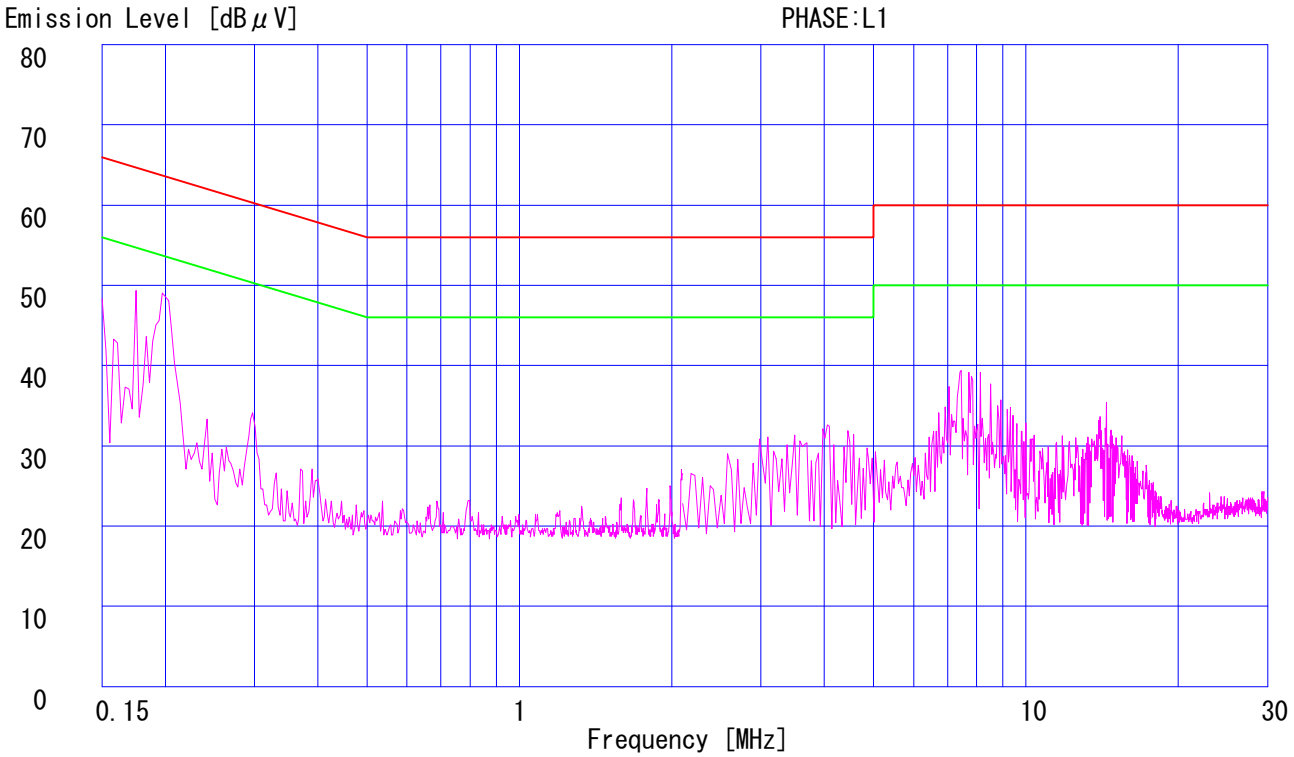


DATA OF CONDUCTION TEST CHART

UL Japan, Inc.
YAMAKITA No.1 ANECHOIC CHAMBER
Report No.: 28IE0218-YK-A

Applicant	: RICOH COMPANY, LTD.		
Kind of Equipment	: Full-color MFP		
Model No.	: Aficio MP C3000		
Serial No.	: L3700000023		
Power	: AC120V/60Hz		
Mode	: Transmitting(2441MHz)		
Remarks	: Bluetooth, With RFID Transmitting		
Date	: 5/13/2008		
Phase	: Single Phase		
Temperature	: 21 ℃	Engineer	: Makoto Hosaka
Humidity	: 48 %		
Regulation 1	: FCC Part15C §15.207.(CISPR Pub.22)		
Regulation 2	: None		

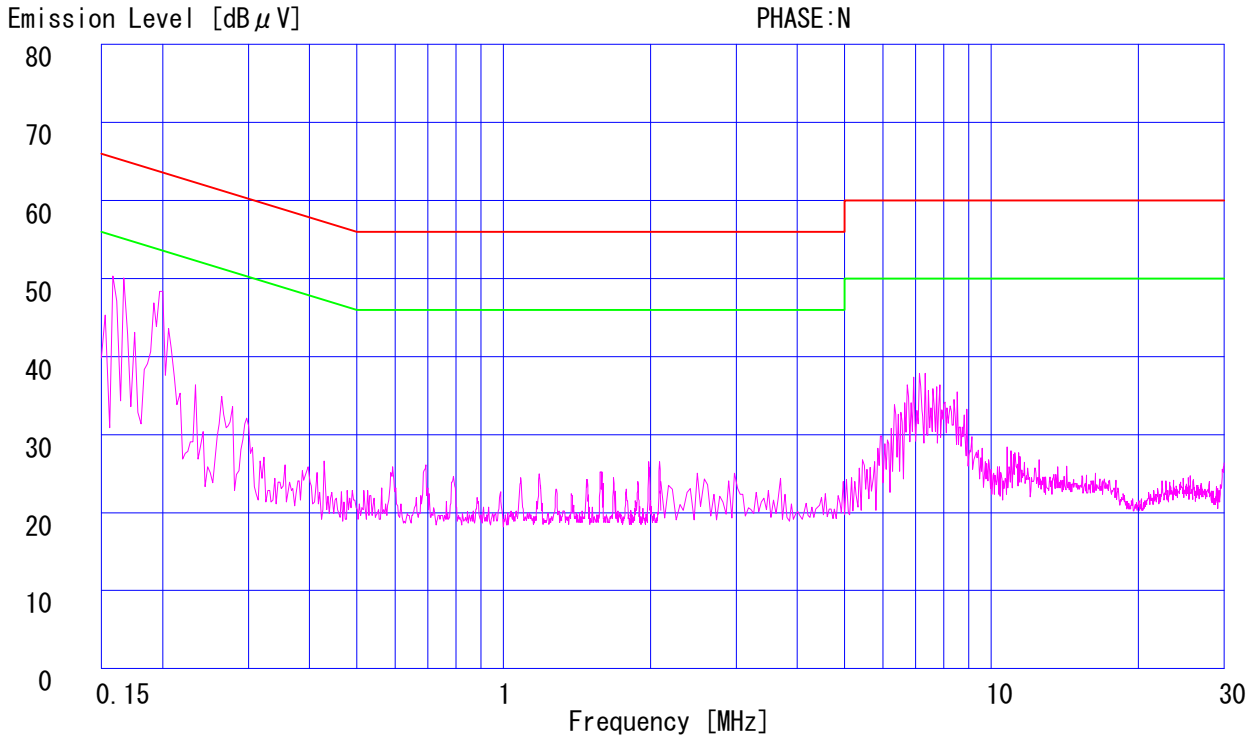


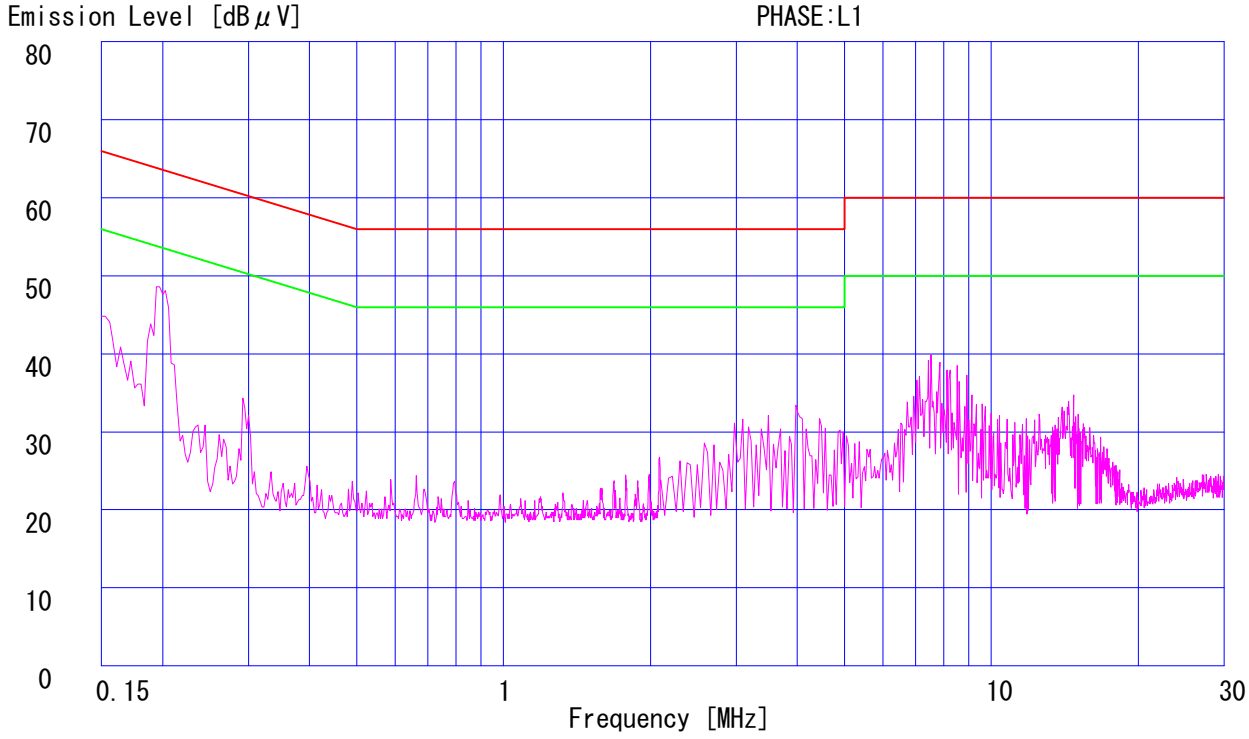


DATA OF CONDUCTION TEST CHART

UL Japan, Inc.
YAMAKITA No.1 ANECHOIC CHAMBER
Report No.: 28IE0218-YK-A

Applicant	: RICOH COMPANY, LTD.		
Kind of Equipment	: Full-color MFP		
Model No.	: Aficio MP C3000		
Serial No.	: L3700000023		
Power	: AC120V/60Hz		
Mode	: Transmitting(2480MHz)		
Remarks	: Bluetooth, With RFID Transmitting		
Date	: 5/13/2008		
Phase	: Single Phase		
Temperature	: 21 ℃	Engineer	: Makoto Hosaka
Humidity	: 48 %		
Regulation 1	: FCC Part15C §15.207.(CISPR Pub.22)		
Regulation 2	: None		





Page:

DATA OF RADIATION TEST

UL Japan, Inc.
YAMAKITA No.1 ANECHOIC CHAMBER
Report No.: 28IE0218-YK-A

Applicant : RICOH COMPANY, LTD.
Kind of Equipment : Full-color MFP
Model No. : Aficio MP C3000
Serial No. : L3700000023
Power : AC120V/60Hz
Mode : Transmitting(2402MHz)
Remarks : Bluetooth, With RF ID Transmitting
Date : 5/12/2008
Test Distance : 3 m
Temperature : 22 ℃ Engineer : Toyokazu Imamura
Humidity : 53 %
Regulation : FCC Part15C §15.209

No.	FREQ. [MHz]	ANT TYPE	READING HOR [dBμV]	READING VER [dBμV]	ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT HOR [dBμV/m]	RESULT VER [dBμV/m]	LIMITS [dBμV/m]	MARGIN HOR [dB]	MARGIN VER [dB]
1.	33.24	BB	29.9	36.4	17.4	28.5	0.9	6.0	25.7	32.2	40.0	14.3	7.8
2.	176.30	BB	33.7	27.8	16.1	28.0	2.4	6.0	30.2	24.3	43.5	13.3	19.2
3.	412.87	BB	32.3	38.5	17.3	28.4	4.1	6.0	31.3	37.5	46.0	14.7	8.5
4.	500.01	BB	35.7	34.6	18.6	28.9	4.6	6.0	36.0	34.9	46.0	10.0	11.1
5.	619.34	BB	32.1	36.7	20.1	29.3	5.3	6.0	34.2	38.8	46.0	11.8	7.2
6.	625.01	BB	35.9	29.9	20.1	29.3	5.3	6.0	38.0	32.0	46.0	8.0	14.0
7.	700.00	BB	32.7	29.2	20.4	29.1	5.6	6.1	35.7	32.2	46.0	10.3	13.8

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

■ANTENNA:KBA-03(BBA9106)30-299.99MHz/KLA-03(USLP9143)300-1000MHz
■CABLE:KCC-A2/A3■PREAMP:KAF-05(8447D)■EMI RECEIVER:KTR-04(ESVS10)

Page:

DATA OF RADIATION TEST

UL Japan, Inc.
YAMAKITA No.1 ANECHOIC CHAMBER
Report No.: 28IE0218-YK-A

Applicant : RICOH COMPANY, LTD.
Kind of Equipment : Full-color MFP
Model No. : Aficio MP C3000
Serial No. : L3700000023
Power : AC120V/60Hz
Mode : Transmitting(2441MHz)
Remarks : Bluetooth, With RF ID Transmitting
Date : 5/12/2008
Test Distance : 3 m
Temperature : 22 ℃ Engineer : Toyokazu Imamura
Humidity : 53 %
Regulation : FCC Part15C §15.209

No.	FREQ. [MHz]	ANT TYPE	READING HOR [dBμV]	READING VER [dBμV]	ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT HOR [dBμV/m]	RESULT VER [dBμV/m]	LIMITS [dBμV/m]	MARGIN HOR [dB]	MARGIN VER [dB]
1.	33.23	BB	28.2	34.2	17.4	28.5	0.9	6.0	24.0	30.0	40.0	16.0	10.0
2.	176.30	BB	32.3	27.7	16.1	28.0	2.4	6.0	28.8	24.2	43.5	14.7	19.3
3.	412.88	BB	33.0	36.0	17.3	28.4	4.1	6.0	32.0	35.0	46.0	14.0	11.0
4.	500.01	BB	37.5	33.0	18.6	28.9	4.6	6.0	37.8	33.3	46.0	8.2	12.7
5.	619.32	BB	31.5	35.5	20.1	29.3	5.3	6.0	33.6	37.6	46.0	12.4	8.4
6.	625.01	BB	35.4	31.9	20.1	29.3	5.3	6.0	37.5	34.0	46.0	8.5	12.0
7.	700.00	BB	32.0	28.3	20.4	29.1	5.6	6.1	35.0	31.3	46.0	11.0	14.7

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

■ANTENNA:KBA-03(BBA9106)30-299.99MHz/KLA-03(USLP9143)300-1000MHz
■CABLE:KCC-A2/A3■PREAMP:KAF-05(8447D)■EMI RECEIVER:KTR-04(ESVS10)

Page:

DATA OF RADIATION TEST

UL Japan, Inc.
YAMAKITA No.1 ANECHOIC CHAMBER
Report No.: 28IE0218-YK-A

Applicant : RICOH COMPANY, LTD.
Kind of Equipment : Full-color MFP
Model No. : Aficio MP C3000
Serial No. : L3700000023
Power : AC120V/60Hz
Mode : Transmitting(2480MHz)
Remarks : Bluetooth, With RF ID Transmitting
Date : 5/12/2008
Test Distance : 3 m
Temperature : 22 ℃ Engineer : Toyokazu Imamura
Humidity : 53 %
Regulation : FCC Part15C §15.209

No.	FREQ. [MHz]	ANT TYPE	READING HOR [dBμV]	READING VER [dBμV]	ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT HOR [dBμV/m]	RESULT VER [dBμV/m]	LIMITS [dBμV/m]	MARGIN HOR [dB]	MARGIN VER [dB]
1.	33.25	BB	30.2	37.1	17.4	28.5	0.9	6.0	26.0	32.9	40.0	14.0	7.1
2.	176.30	BB	33.7	28.7	16.1	28.0	2.4	6.0	30.2	25.2	43.5	13.3	18.3
3.	412.89	BB	33.4	36.7	17.3	28.4	4.1	6.0	32.4	35.7	46.0	13.6	10.3
4.	500.01	BB	35.3	31.8	18.6	28.9	4.6	6.0	35.6	32.1	46.0	10.4	13.9
5.	550.05	BB	37.4	32.0	19.3	29.1	4.9	6.0	38.5	33.1	46.0	7.5	12.9
6.	619.32	BB	31.7	35.5	20.1	29.3	5.3	6.0	33.8	37.6	46.0	12.2	8.4
7.	625.01	BB	36.8	30.8	20.1	29.3	5.3	6.0	38.9	32.9	46.0	7.1	13.1
8.	700.00	BB	32.1	26.4	20.4	29.1	5.6	6.1	35.1	29.4	46.0	10.9	16.6

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

■ANTENNA:KBA-03(BBA9106)30-299.99MHz/KLA-03(USLP9143)300-1000MHz
■CABLE:KCC-A2/A3■PREAMP:KAF-05(8447D)■EMI RECEIVER:KTR-04(ESVS10)

Page:

DATA OF RADIATION TEST

UL Japan, Inc.
YAMAKITA No.1 ANECHOIC CHAMBER
Report No.: 28IE0218-YK-A

Applicant : RICOH COMPANY, LTD.
Kind of Equipment : Full-color MFP
Model No. : Aficio MP C3000
Serial No. : L3700000023
Power : AC120V/60Hz
Mode : Transmitting(2402MHz)
Remarks : PK RBW:1MHz, VBW:1MHz
Date : 5/13/2008
Test Distance : 3 m
Temperature : 21 ℃ Engineer : Makoto Hosaka
Humidity : 48 %
Regulation : FCC Part15C §15.209(PK Detection)1-26GHz:3m/26-40GHz:1m

No.	FREQ. [MHz]	ANT TYPE	READING HOR [dBμV]	READING VER [dBμV]	ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT HOR [dBμV/m]	RESULT VER [dBμV/m]	LIMITS [dBμV/m]	MARGIN HOR [dB]	MARGIN VER [dB]
1.	2390.00	BB	55.3	49.6	28.5	35.4	4.3	0.0	52.7	47.0	74.0	21.3	27.0
2.	2400.00	BB	73.3	67.0	28.5	35.3	4.3	0.0	70.8	64.5	74.0	3.2	9.5
3.	2658.01	BB	52.7	47.3	28.8	35.2	4.5	0.0	50.8	45.4	74.0	23.2	28.6
4.	4804.00	BB	51.7	47.3	32.9	34.1	5.6	0.0	56.1	51.7	74.0	17.9	22.3
5.	7206.00	BB	47.9	52.3	36.5	34.7	6.5	0.0	56.2	60.6	74.0	17.8	13.4
6.	9608.00	BB	42.7	42.1	37.7	35.3	7.3	0.0	52.4	51.8	74.0	21.6	22.2
7.	12010.00	BB	40.7	42.1	40.0	35.0	7.8	0.0	53.5	54.9	74.0	20.5	19.1

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

■ANTENNA:KHA-01(SAS-200 571)1-18GHz/KHA-03(3160-09)18-26GHz
■CABLE:KCC-D3/D16■PREAMP:KAF-07(8449B)■SPECTRUM ANALYZER:KTR-01(ESI40)

Page:

DATA OF RADIATION TEST (Above 1GHz)

UL Japan, Inc.
YAMAKITA NO.1 ANECHOIC CHAMBER
Report No. : 28IE0218-YK-**A**

Company : RICOH COMPANY, LTD.
Equipment : Full-color MFP
Model : Aficio MP C3000
Sample No. : L3700000023
Power : AC120V/60Hz
Mode : Transmitting 2402MHz
Remarks : Bluetooth, With RFID Transmitting

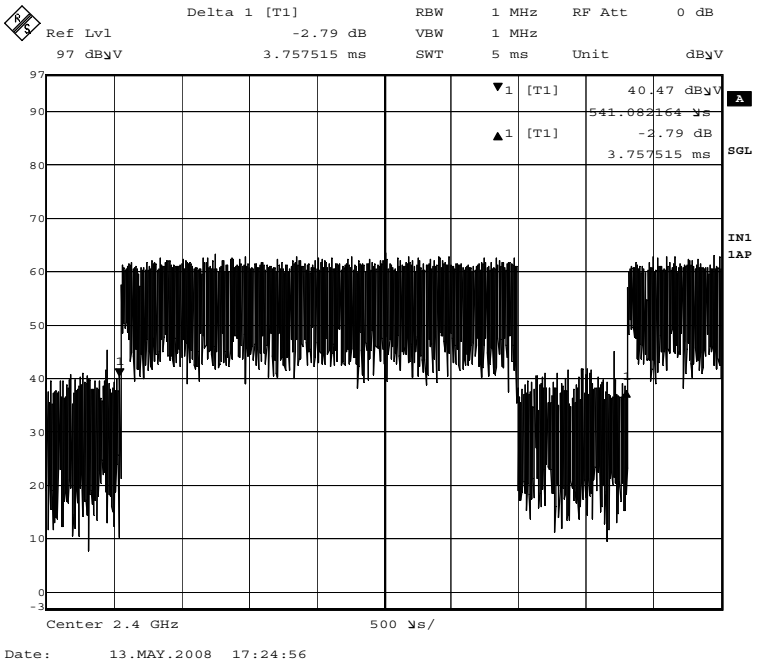
Regulation : FCC Part15C Section 15.209
Test Distance : 3m
Date : 2008/05/13
Temperature : 21deg.C
Humidity : 48%

ENGINEER : Makoto Hosaka

AV calculation value SPECTRUMANALYZER RBW:1MHz

No.	FREQ	READING		ANT	AMP	CABLE	ATTEN	Duty	RESULT		LIMIT	MARGIN		VBW
		HOR	VER	Factor	GAIN	LOSS		Factor	HOR	VER		HOR	VER	
	[MHz]	[dBuV]		[dB]	[dB]	[dB]	[dB]		[dBuV/m]		[dBuV/m]	[dB]		[Hz]
1	2390.00	55.3	49.6	28.5	35.4	4.3	0.0	-30.3	22.4	16.7	54.0	31.6	37.3	1M
2	2400.00	73.3	67.0	28.5	35.3	4.3	0.0	-30.3	40.5	34.2	54.0	13.5	19.8	1M
3*	2658.01	43.7	41.7	28.8	35.2	4.5	0.0	0.0	41.8	39.8	54.0	12.2	14.2	300
4	4804.00	51.7	47.3	32.9	34.1	5.6	0.0	-30.3	25.8	21.4	54.0	28.2	32.6	1M
5	7206.00	47.9	52.3	36.5	34.7	6.5	0.0	-30.3	25.9	30.3	54.0	28.1	23.7	1M
6	9608.00	42.7	42.1	37.7	35.3	7.3	0.0	-30.3	22.1	21.5	54.0	31.9	32.5	1M
7	12010.00	40.7	42.1	40.0	35.0	7.8	0.0	-30.3	23.2	24.6	54.0	30.8	29.4	1M

Sample Calculation :
RESULT=Reading + ANT Factor - Amp Gain + Cabele Loss + ATT + Duty Factor
Duty Factor calculation: 20*log (3.05[ms]/100[ms]) =-30.31[dB] See Duty factor data
* f(Hz)=1/T(s)=1/0.00376(s)=265.96≒300(Hz)



DATA OF RADIATION TEST

UL Japan, Inc.
YAMAKITA No.1 ANECHOIC CHAMBER
Report No.: 28IE0218-YK-A

Applicant : RICOH COMPANY, LTD.
Kind of Equipment : Full-color MFP
Model No. : Aficio MP C3000
Serial No. : L3700000023
Power : AC120V/60Hz
Mode : Transmitting(2441MHz)
Remarks : PK RBW:1MHz, VBW:1MHz
Date : 5/13/2008
Test Distance : 3 m
Temperature : 21 ℃ Engineer : Makoto Hosaka
Humidity : 48 %
Regulation : FCC Part15C §15.209(PK Detection)1-26GHz:3m/26-40GHz:1m

No.	FREQ. [MHz]	ANT TYPE	READING HOR [dBμV]	READING VER [dBμV]	ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT HOR [dBμV/m]	RESULT VER [dBμV/m]	LIMITS [dBμV/m]	MARGIN HOR [dB]	MARGIN VER [dB]
1.	2697.05	BB	48.1	47.0	28.9	35.2	4.5	0.0	46.3	45.2	74.0	27.7	28.8
2.	4882.00	BB	52.3	47.0	33.1	34.1	5.6	0.0	56.9	51.6	74.0	17.1	22.4
3.	7323.00	BB	48.6	55.9	36.7	34.8	6.6	0.0	57.1	64.4	74.0	16.9	9.6
4.	9764.00	BB	43.1	42.1	37.7	35.4	7.4	0.0	52.8	51.8	74.0	21.2	22.2
5.	12205.00	BB	42.2	41.9	40.2	34.8	8.0	0.0	55.6	55.3	74.0	18.4	18.7

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

■ANTENNA:KHA-01(SAS-200 571)1-18GHz/KHA-03(3160-09)18-26GHz
■CABLE:KCC-D3/D16■PREAMP:KAF-07(8449B)■SPECTRUM ANALYZER:KTR-01(ESI40)

Page:

DATA OF RADIATION TEST (Above 1GHz)

UL Japan, Inc.
YAMAKITA NO.1 ANECHOIC CHAMBER
Report No. : 28IE0218-YK-**A**

Company : RICOH COMPANY, LTD.
Equipment : Full-color MFP
Model : Aficio MP C3000
Sample No. : L3700000023
Power : AC120V/60Hz
Mode : Transmitting 2441MHz
Remarks : Bluetooth, With RFID Transmitting

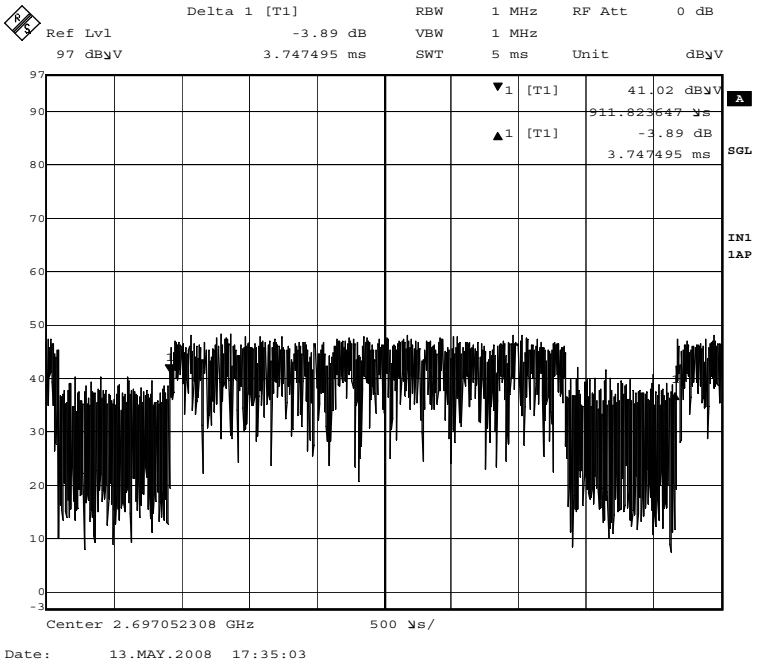
Regulation : FCC Part15C Section 15.209
Test Distance : 3m
Date : 2008/05/13
Temperature : 21deg.C
Humidity : 48%

ENGINEER : Makoto Hosaka

AV calculation value SPECTRUMANALYZER RBW:1MHz

No.	FREQ	READING		ANT	AMP	CABLE	ATTEN	Duty	RESULT		LIMIT	MARGIN		VBW
		HOR	VER	Factor	GAIN	LOSS		Factor	HOR	VER		HOR	VER	
	[MHz]	[dBuV]		[dB]	[dB]	[dB]	[dB]		[dBuV/m]		[dBuV/m]	[dB]		[Hz]
1*	2697.05	41.4	41.8	28.9	35.2	4.5	0.0	0.0	39.6	40.0	54.0	14.4	14.1	300
2	4882.00	52.3	47.0	33.1	34.1	5.6	0.0	-30.3	26.6	21.3	54.0	27.4	32.7	1M
3	7323.00	48.6	55.9	36.7	34.8	6.6	0.0	-30.3	26.8	34.1	54.0	27.2	19.9	1M
4	9764.00	43.1	42.1	37.7	35.4	7.4	0.0	-30.3	22.5	21.5	54.0	31.5	32.5	1M
5	12205.00	42.2	41.9	40.2	34.8	8.0	0.0	-30.3	25.3	25.0	54.0	28.7	29.0	1M

Sample Calculation :
RESULT=Reading + ANT Factor - Amp Gain + Cabele Loss + ATT + Duty Factor
Duty Factor calculation: 20*log (3.05[ms]/100[ms]) =-30.31[dB] See Duty factor data
* f(Hz)=1/T(s)=1/0.00375(s)=266.67≒300(Hz)



DATA OF RADIATION TEST

UL Japan, Inc.
YAMAKITA No.1 ANECHOIC CHAMBER
Report No.: 28IE0218-YK-A

Applicant : RICOH COMPANY, LTD.
Kind of Equipment : Full-color MFP
Model No. : Aficio MP C3000
Serial No. : L3700000023
Power : AC120V/60Hz
Mode : Transmitting(2480MHz)
Remarks : PK RBW:1MHz, VBW:1MHz
Date : 5/13/2008
Test Distance : 3 m
Temperature : 21 ℃ Engineer : Makoto Hosaka
Humidity : 48 %
Regulation : FCC Part15C §15.209(PK Detection)1-26GHz:3m/26-40GHz:1m

No.	FREQ. [MHz]	ANT TYPE	READING HOR [dBμV]	READING VER [dBμV]	ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT HOR [dBμV/m]	RESULT VER [dBμV/m]	LIMITS [dBμV/m]	MARGIN HOR [dB]	MARGIN VER [dB]
1.	2483.50	BB	63.8	56.4	28.3	35.3	4.4	0.0	61.2	53.8	74.0	12.8	20.2
2.	2736.02	BB	48.6	47.0	29.1	35.2	4.5	0.0	47.0	45.4	74.0	27.0	28.6
3.	4960.00	BB	54.8	46.1	33.4	34.1	5.7	0.0	59.8	51.1	74.0	14.2	22.9
4.	7440.00	BB	48.9	54.5	36.8	34.8	6.6	0.0	57.5	63.1	74.0	16.5	10.9
5.	9920.00	BB	42.4	42.7	37.7	35.4	7.5	0.0	52.2	52.5	74.0	21.8	21.5
6.	12400.00	BB	41.6	42.1	40.3	34.6	8.2	0.0	55.5	56.0	74.0	18.5	18.0

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

■ANTENNA:KHA-01(SAS-200 571)1-18GHz/KHA-03(3160-09)18-26GHz
■CABLE:KCC-D3/D16■PREAMP:KAF-07(8449B)■SPECTRUM ANALYZER:KTR-01(ESI40)

Page:

DATA OF RADIATION TEST (Above 1GHz)

UL Japan, Inc.
YAMAKITA NO.1 ANECHOIC CHAMBER
Report No. : 28IE0218-YK-**A**

Company : RICOH COMPANY, LTD.
Equipment : Full-color MFP
Model : Aficio MP C3000
Sample No. : L3700000023
Power : AC120V/60Hz
Mode : Transmitting 2480MHz
Remarks : Bluetooth, With RFID Transmitting

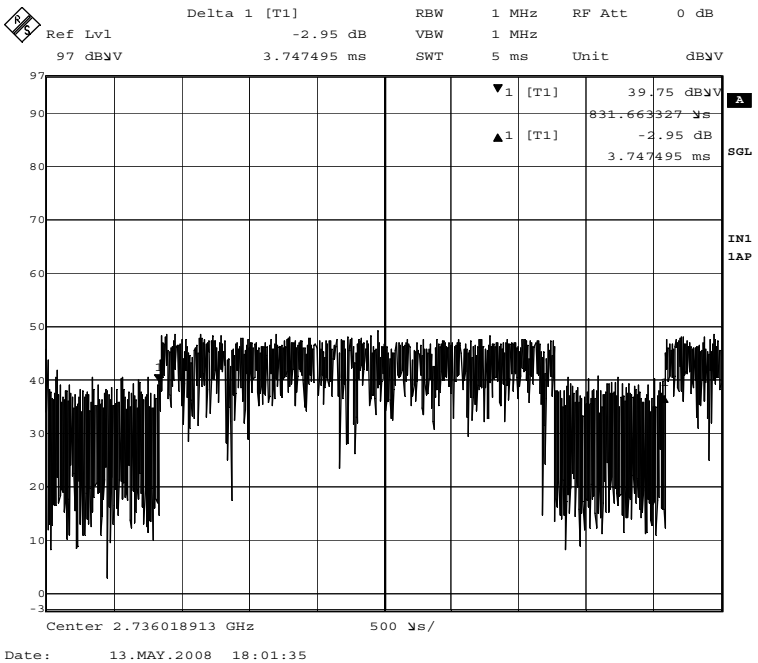
Regulation : FCC Part15C Section 15.209
Test Distance : 3m
Date : 2008/05/13
Temperature : 21deg.C
Humidity : 48%

ENGINEER : Makoto Hosaka

AV calculation value SPECTRUMANALYZER RBW:1MHz

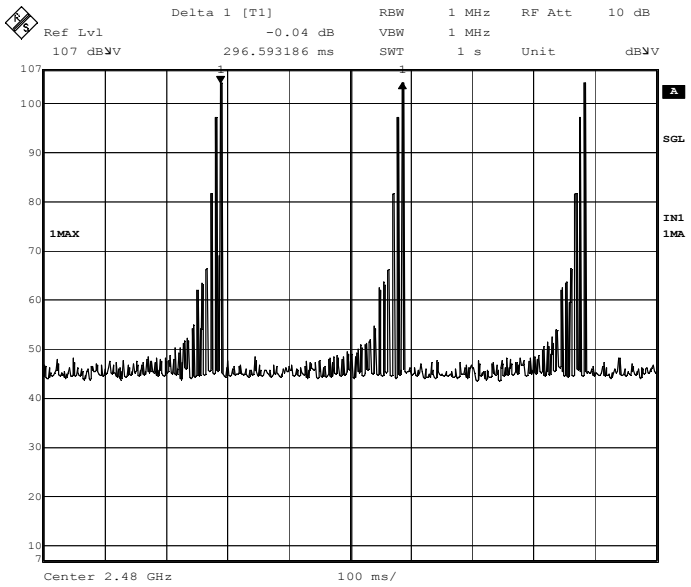
No.	FREQ	READING		ANT	AMP	CABLE	ATTEN	Duty	RESULT		LIMIT	MARGIN		VBW
		HOR	VER	Factor	GAIN	LOSS		Factor	HOR	VER		HOR	VER	
	[MHz]	[dBuV]		[dB]	[dB]	[dB]	[dB]		[dBuV/m]		[dBuV/m]	[dB]		[Hz]
1	2483.50	63.8	56.4	28.3	35.3	4.4	0.0	-30.3	30.9	23.5	54.0	23.1	30.5	1M
2*	2736.02	41.5	40.7	29.1	35.2	4.5	0.0	0.0	39.9	39.1	54.0	14.2	14.9	300
3	4960.00	54.8	46.1	33.4	34.1	5.7	0.0	-30.3	29.5	20.8	54.0	24.5	33.2	1M
4	7440.00	48.9	54.5	36.8	34.8	6.6	0.0	-30.3	27.2	32.8	54.0	26.8	21.2	1M
5	9920.00	42.4	42.7	37.7	35.4	7.5	0.0	-30.3	21.9	22.2	54.0	32.1	31.8	1M
6	12400.00	41.6	42.1	40.3	34.6	8.2	0.0	-30.3	25.2	25.7	54.0	28.8	28.3	1M

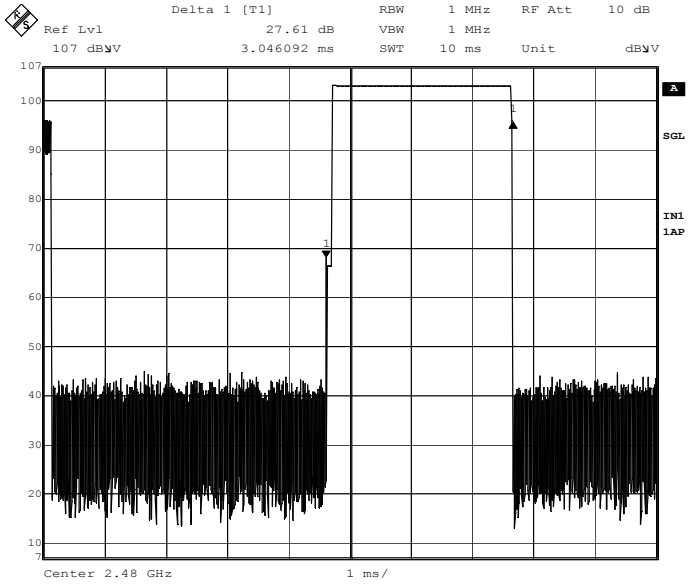
Sample Calculation :
RESULT=Reading + ANT Factor - Amp Gain + Cabele Loss + ATT + Duty Factor
Duty Factor calculation: 20*log (3.05[ms]/100[ms]) =-30.31[dB] See Duty factor data
* f(Hz)=1/T(s)=1/0.00375(s)=266.67≒300(Hz)



Duty Factor

COMPANY	**: RICOH COMPANY, LTD.**	**REPORT NO**	**: 28IE0218-YK-A**
EQUIPMENT	**: Full-color MFP**		
MODEL NUMBER	**: Aficio MP C3000**	**DATE**	**: 2008/05/13**
SERIAL NUMBER	**: L3700000023**	**TEMP./HUMI**	**: 21deg.C./48%**
POWER	**: AC120V/60Hz**	**TEST MODE**	**: Transmitting**
		ENGINEER	**: Makoto Hosaka**





Duty factor: 20log(3.05ms/100ms) = -30.31dB

APPENDIX 3
Test Instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
YA-CE	Conducted emission(software)	UL Japan	CE(Ver.1.6)	CE	-
YA-RE	Radiated emission(software)	UL Japan	RE(Ver.1.5)	RE	-
KAEC-01(NSA)	Anechoic Chamber	JSE	Semi 3m	CE/RE	2007/08/26 * 12
KAF-05	Pre Amplifier	Agilent	8447D	RE	2008/04/08 * 12
KAT6-01	Attenuator	INMET	18N-6dB	RE	2008/03/17 * 12
KBA-03	RF Relay Matrix	TSJ	RFM-E421	RE	Pre Check
KCC-33/34/KRM-03	Coaxial Cable/RF Relay Matrix	Fujikura/Suhner/TSJ	5D-2W/S04272B/RFM-E421	CE	2007/11/01 * 12
KLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2007/12/27 * 12
KLS-03	LISN(AMN)	Schwarzbeck	NNLK8129	CE	2007/05/15 * 12
KSA-04	Spectrum Analyzer	Advantest	R3271A	CE/RE	2007/09/25 * 12
KTR-01	Test Receiver	Rohde & Schwarz	ESI40	RE	2008/04/18 * 12
KTR-03	Test Receiver	Rohde & Schwarz	ESHS10	CE	2008/02/18 * 12
KTR-04	Test Receiver	Rohde & Schwarz	ESVS10	RE	2007/10/30 * 12
KOS-02	Humidity Indicator	Custom	CTH-190	CE/RE	2006/07/10 * 24
KJM-07	Measure	KOMELON	KMC-36	CE/RE	-
KCC-A2/A3	Coaxial Cable	Fujikura	5D-2W	RE	2007/05/15 * 12
KCC-D3/D16	Coaxial Cable	Rosenberger/INSULATED WIRE INC	2201/KPS-1501-200-KPS	RE	2008/04/16 * 12
KAF-07	Pre Amplifier	Hewlett Packard	8449B	RE	2007/12/10 * 12
KHA-01	Horn Antenna	A.H.Systems	SAS-200/571	RE	2007/08/14 * 12
KHA-03	Horn Antenna	EMCO	3160-09	RE	2008/04/30 * 12

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

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

Test Item :

CE: Conducted emission,

RE: Radiated emission