

The result of having tested by including the EUT in the host equipments is shown after the following page.

The host equipments are the Digital Wireless Receiver(Model No. : DWR-R01D) and the Remote Control Unit(Model No. : RMU-01).

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Appendix X : Additional Test Data

X.1 Spurious Emissions for Transmitter (Radiation)

X.1.1 Band Edge Compliance

X.1.1.1 Host Model : DWR-R01D

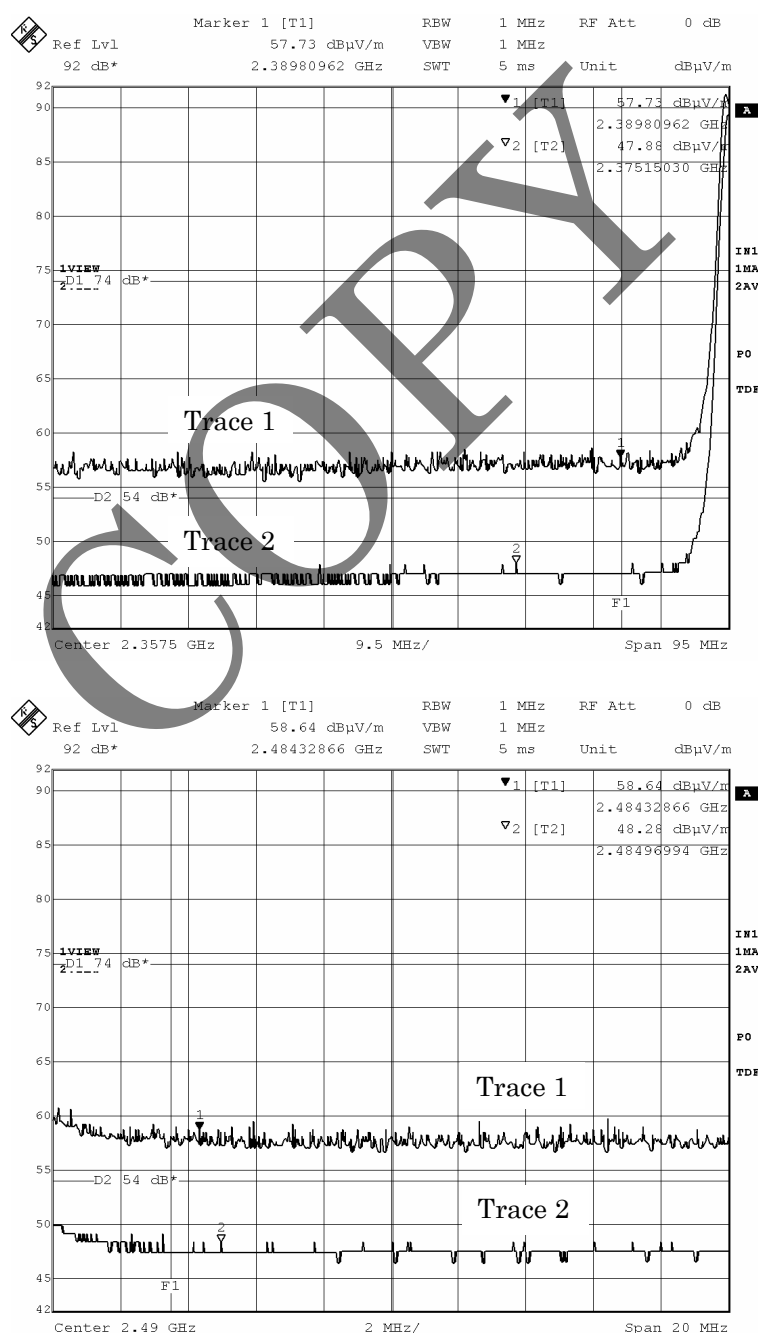
Date : February 12, 2010

Temp. : 19 °C Humi. : 43 %

Mode of EUT : TX Mode (11ch : 2405 MHz, 25ch : 2475 MHz)

Test Port : Enclosure

Antenna Polarization : Horizontal

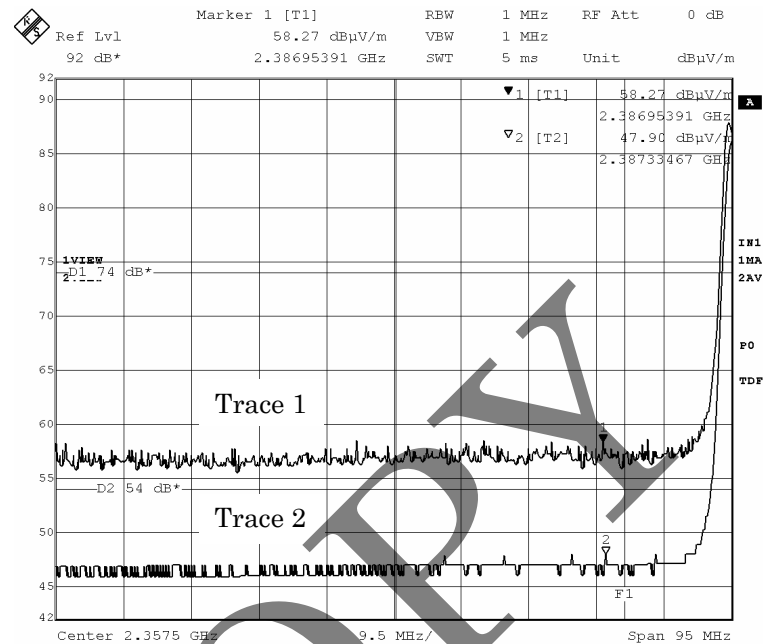
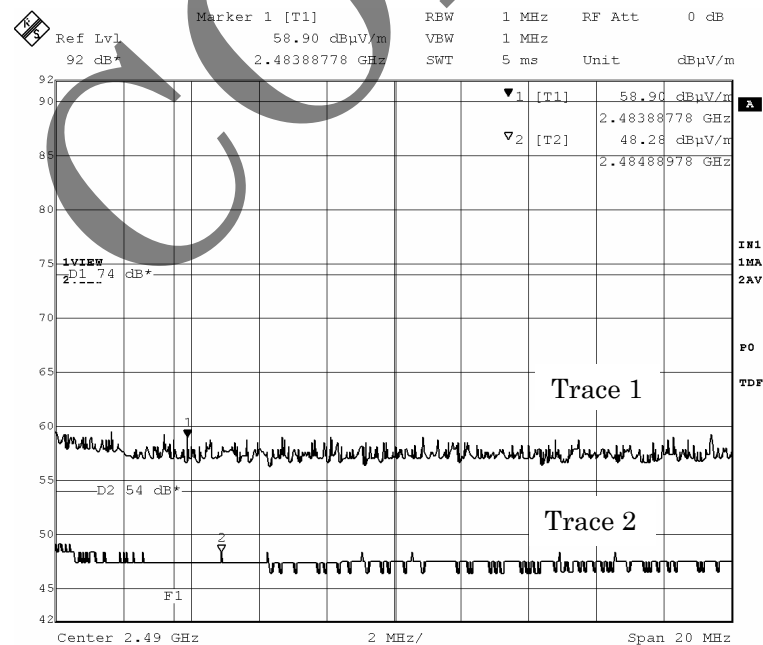


Note : The trace 1 is Peak detection. The Trace 2 is Average detection.

Mode of EUT : TX Mode (11ch : 2405 MHz, 25ch : 2475 MHz)

Test Port : Enclosure

Antenna Polarization : Vertical



Note : The trace 1 is Peak detection. The Trace 2 is Average detection.

X.1.1.2 Host Model : RMU-01

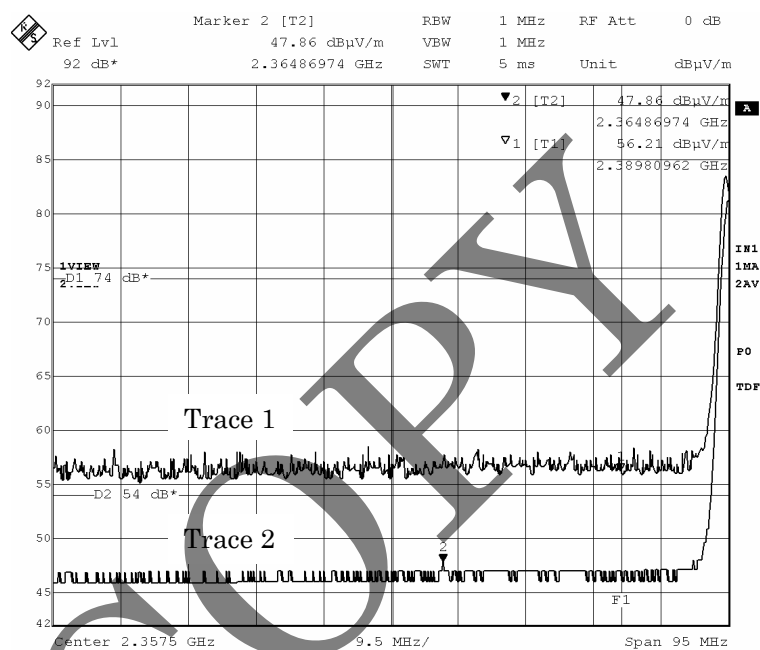
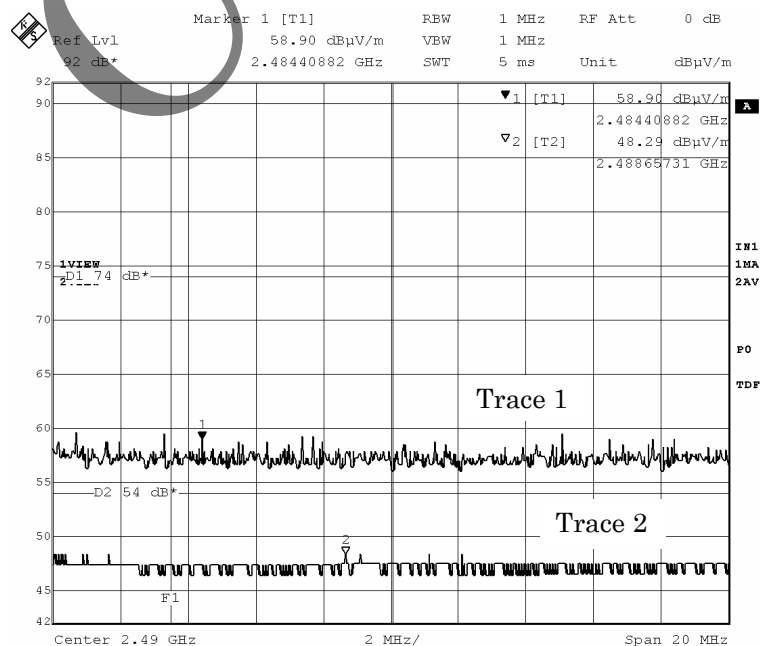
Date : February 12, 2010

Temp. : 19 °C Humi. : 43 %

Mode of EUT : TX Mode (11ch : 2405 MHz, 25ch : 2475 MHz)

Test Port : Enclosure

Antenna Polarization : Horizontal

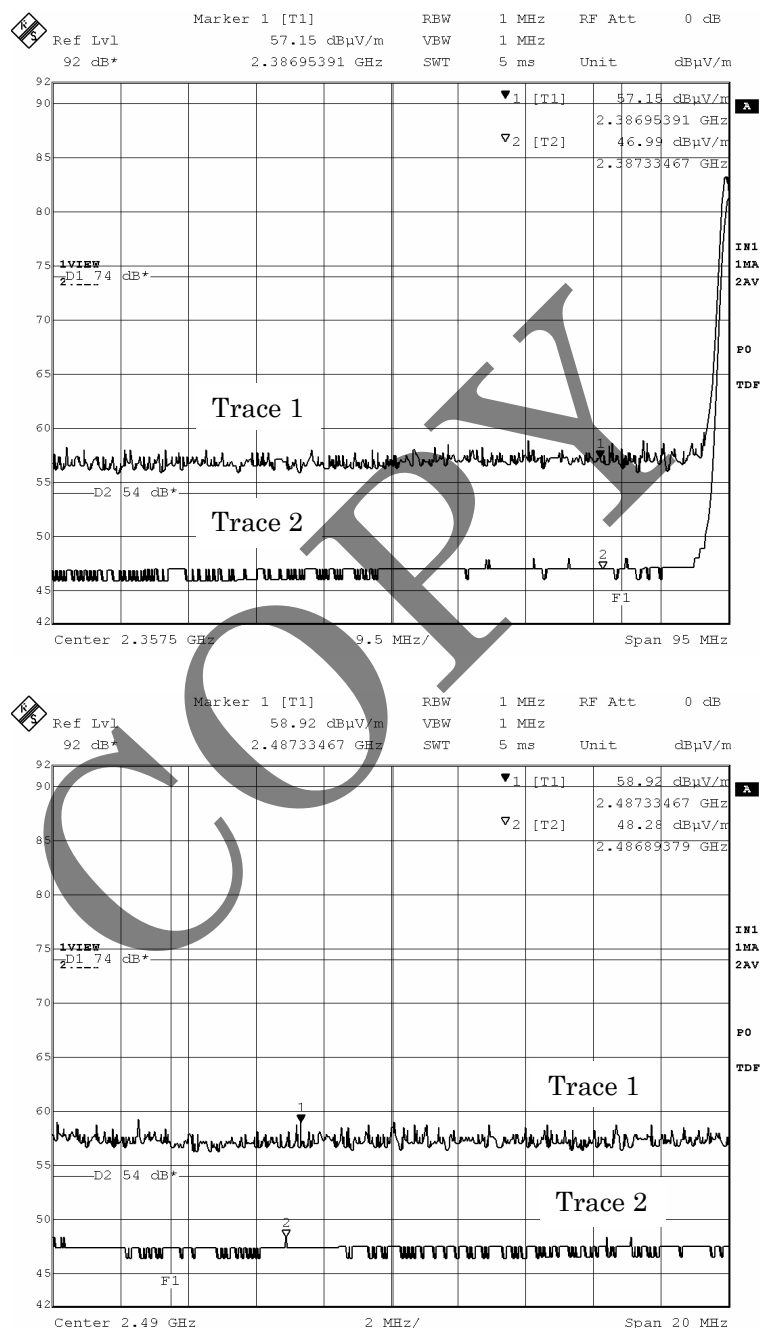


Note : The trace 1 is Peak detection. The Trace 2 is Average detection.

Mode of EUT : TX Mode (11ch : 2405 MHz, 25ch : 2475 MHz)

Test Port : Enclosure

Antenna Polarization : Vertical



Note : The trace 1 is Peak detection. The Trace 2 is Average detection.

X.1.2 Other Spurious Emissions**X.1.2.1 Spurious Emissions in the frequency range from 9 kHz to 30 MHz****X.1.2.1.1 Host Model : DWR-R01D**Date : February 12, 2010
Temp. : 19 °C Humi. : 43 %

Mode of EUT : All modes have been investigated and worst case mode for Channel (25ch : 2475 MHz)
has been listed.

Test Port : Enclosure

No spurious emissions of the EUT in the range 20 dB below the limit.

X.1.2.1.2 Host Model : RMU-01Date : February 12, 2010
Temp. : 19 °C Humi. : 43 %

Mode of EUT : All modes have been investigated and worst case mode for Channel (25ch : 2475 MHz)
has been listed.

Test Port : Enclosure

No spurious emissions of the EUT in the range 20 dB below the limit.

X.1.2.2 Spurious Emissions in the frequency range from 30 MHz to 1000 MHz**X.1.2.2.1 Host Model : DWR-R01D**

Date : February 12, 2010

Temp. : 19 °C Humi. : 43 %

Mode of EUT : All modes have been investigated and worst case mode for Channel (25ch : 2475 MHz)
 has been listed.

Test Port : Enclosure

Frequency (MHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)			Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)	
				QP	AV	Peak	QP/AV	Peak	QP/AV	Peak	QP/AV	Peak
49.17	0.0	15.2	V	8.4	-	-	40.0	-	23.6	-	16.4	-
67.21	0.0	10.7	H	22.3	-	-	40.0	-	33.0	-	7.0	-
172.80	0.0	20.3	H	5.2	-	-	43.5	-	25.5	-	18.0	-
228.45	0.0	21.7	V	2.6	-	-	46.0	-	24.3	-	21.7	-
266.55	0.0	22.7	V	2.5	-	-	46.0	-	25.2	-	20.8	-
320.00	0.0	19.0	V	4.3	-	-	46.0	-	23.3	-	22.7	-
466.96	0.0	22.7	V	1.7	-	-	46.0	-	24.4	-	21.6	-
932.62	0.0	29.2	V	1.7	-	-	46.0	-	30.9	-	15.1	-

X.1.2.2.2 Host Model : RMU-01

Date : February 12, 2010

Temp. : 19 °C Humi. : 43 %

Mode of EUT : All modes have been investigated and worst case mode for Channel (25ch : 2475 MHz)
 has been listed.

Test Port : Enclosure

Frequency (MHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)			Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)	
				QP	AV	Peak	QP/AV	Peak	QP/AV	Peak	QP/AV	Peak
30.60	0.0	21.8	V	13.9	-	-	40.0	-	35.7	-	4.3	-
43.76	0.0	17.1	V	12.6	-	-	40.0	-	29.7	-	10.3	-
63.00	0.0	11.4	V	18.8	-	-	40.0	-	30.2	-	9.9	-
108.36	0.0	15.7	V	6.1	-	-	43.5	-	21.8	-	21.7	-
125.00	0.0	17.7	H	5.3	-	-	43.5	-	23.0	-	20.5	-
474.96	0.0	22.8	V	10.1	-	-	46.0	-	32.9	-	13.1	-
550.00	0.0	24.2	H	9.7	-	-	46.0	-	33.9	-	12.1	-
574.96	0.0	24.7	H	13.1	-	-	46.0	-	37.8	-	8.2	-
625.00	0.0	25.4	H	11.9	-	-	46.0	-	37.3	-	8.8	-

- Note : 1) The spectrum was checked from 30 MHz to 1000 MHz.
2) The cable loss, amp. gain and antenna factor are included in the correction factor.
3) The symbol of "<" means "or less".
4) The symbol of ">" means "or greater".
5) A sample calculation(QP/AV) was made at 49.17 MHz of Host Model : DWR-R01D.
 $PA + CF + MR = 0 + 15.2 + 8.4 = 23.6$ (dBuV/m)
 PA : Peak to Average Factor (P-A Factor)
 CF : Correction Factor
 MR : Meter Reading
6) Measuring Instruments Setting :

Detector Function	Resolution Bandwidth	Video Bandwidth
Quasi-peak (QP)	120 kHz	--

X.1.2.3 Spurious Emissions in the frequency range above 1 GHz**X.1.2.3.1 Host Model : DWR-R01D**

Date : February 12, 2010
 Temp. : 19 °C Humi. : 43 %

Mode of EUT : TX Mode (11ch : 2405MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)		Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)							
				AV	Peak	AV	Peak	AV	Peak	AV	Peak						
1.0000	0.0	-5.5	V	<	28.0	<	41.0	54.0	74.0	<	22.5	<	35.5	>	31.5	>	38.5
1.1264	0.0	-4.4	H	<	28.0	<	41.0	54.0	74.0	<	23.6	<	36.6	>	30.4	>	37.4
3.3123	0.0	6.4	V	<	29.2	<	41.0	54.0	74.0	<	35.6	<	47.4	>	18.4	>	26.6
4.1404	0.0	8.1	V	<	28.8	<	41.0	54.0	74.0	<	36.9	<	49.1	>	17.1	>	24.9
4.8100	0.0	9.5	H	<	28.0	<	41.0	54.0	74.0	<	37.5	<	50.5	>	16.5	>	23.5
7.1250	0.0	14.5	H	<	28.0	<	41.0	54.0	74.0	<	42.5	<	55.5	>	11.5	>	18.5
9.6200	0.0	19.2	H	<	28.0	<	41.0	54.0	74.0	<	47.2	<	60.2	>	6.8	>	13.8

Mode of EUT : TX Mode (18ch : 2440MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)			Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)						
				AV	Peak		AV	Peak	AV	Peak	AV	Peak					
1.0000	0.0	-5.5	V	<	28.0	<	41.0	54.0	74.0	<	22.5	<	35.5	>	31.5	>	38.5
1.1264	0.0	-4.4	H	<	28.0	<	41.0	54.0	74.0	<	23.6	<	36.6	>	30.4	>	37.4
3.3123	0.0	6.4	V	<	29.2	<	41.0	54.0	74.0	<	35.6	<	47.4	>	18.4	>	26.6
4.1404	0.0	8.1	V	<	28.8	<	41.0	54.0	74.0	<	36.9	<	49.1	>	17.1	>	24.9
4.8800	0.0	9.7	H	<	28.0	<	41.0	54.0	74.0	<	37.7	<	50.7	>	16.3	>	23.3
7.3200	0.0	14.8	H	<	28.0	<	41.0	54.0	74.0	<	42.8	<	55.8	>	11.2	>	18.2
9.7600	0.0	19.5	H	<	28.0	<	41.0	54.0	74.0	<	47.5	<	60.5	>	6.5	>	13.5

Mode of EUT : TX Mode (25ch : 2475MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)				Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)					
				AV	Peak	AV	Peak	AV	Peak	AV	Peak						
1.0000	0.0	-5.5	V	<	28.0	<	41.0	54.0	74.0	<	22.5	<	35.5	>	31.5	>	38.5
1.1264	0.0	-4.4	H	<	28.0	<	41.0	54.0	74.0	<	23.6	<	36.6	>	30.4	>	37.4
3.3123	0.0	6.4	V		29.2	<	41.0	54.0	74.0		35.6	<	47.4		18.4	>	26.6
4.1404	0.0	8.1	V		28.8	<	41.0	54.0	74.0		36.9	<	49.1		17.1	>	24.9
4.9500	0.0	9.9	H	<	28.0	<	41.0	54.0	74.0	<	37.9	<	50.9	>	16.1	>	23.1
7.4250	0.0	14.9	H	<	28.0	<	41.0	54.0	74.0	<	42.9	<	55.9	>	11.1	>	18.1
9.9000	0.0	19.6	H	<	28.0	<	41.0	54.0	74.0	<	47.6	<	60.6	>	6.4	>	13.4

X.1.2.3.2 Host Model : RMU-01

Date : February 12, 2010

Temp. : 19 °C Humi. : 43 %

Mode of EUT : TX Mode (11ch : 2405MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)		Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)	
				AV	Peak	AV	Peak	AV	Peak	AV	Peak
1.0000	0.0	-5.5	H	29.9	< 41.0	54.0	74.0	24.4	< 35.5	29.6	> 38.5
1.1252	0.0	-4.4	V	28.2	< 41.0	54.0	74.0	23.8	< 36.6	30.3	> 37.4
1.8750	0.0	1.1	H	< 28.0	< 41.0	54.0	74.0	< 29.1	< 42.1	> 24.9	> 31.9
4.8100	0.0	9.5	H	< 28.0	< 41.0	54.0	74.0	< 37.5	< 50.5	> 16.5	> 23.5
7.1250	0.0	14.5	H	< 28.0	< 41.0	54.0	74.0	< 42.5	< 55.5	> 11.5	> 18.5
9.6200	0.0	19.2	H	< 28.0	< 41.0	54.0	74.0	< 47.2	< 60.2	> 6.8	> 13.8

Mode of EUT : TX Mode (18ch : 2440MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)		Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)	
				AV	Peak	AV	Peak	AV	Peak	AV	Peak
1.0000	0.0	-5.5	H	29.9	< 41.0	54.0	74.0	24.4	< 35.5	29.6	> 38.5
1.1252	0.0	-4.4	V	28.2	< 41.0	54.0	74.0	23.8	< 36.6	30.3	> 37.4
1.8750	0.0	1.1	H	< 28.0	< 41.0	54.0	74.0	< 29.1	< 42.1	> 24.9	> 31.9
4.8800	0.0	9.7	H	< 28.0	< 41.0	54.0	74.0	< 37.7	< 50.7	> 16.3	> 23.3
7.3200	0.0	14.8	H	< 28.0	< 41.0	54.0	74.0	< 42.8	< 55.8	> 11.2	> 18.2
9.7600	0.0	19.5	H	< 28.0	< 41.0	54.0	74.0	< 47.5	< 60.5	> 6.5	> 13.5

Mode of EUT : TX Mode (25ch : 2475MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)		Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)	
				AV	Peak	AV	Peak	AV	Peak	AV	Peak
1.0000	0.0	-5.5	H	29.9	< 41.0	54.0	74.0	24.4	< 35.5	29.6	> 38.5
1.1252	0.0	-4.4	V	28.2	< 41.0	54.0	74.0	23.8	< 36.6	30.3	> 37.4
1.8750	0.0	1.1	H	< 28.0	< 41.0	54.0	74.0	< 29.1	< 42.1	> 24.9	> 31.9
4.9500	0.0	9.9	H	< 28.0	< 41.0	54.0	74.0	< 37.9	< 50.9	> 16.1	> 23.1
7.4250	0.0	14.9	H	< 28.0	< 41.0	54.0	74.0	< 42.9	< 55.9	> 11.1	> 18.1
9.9000	0.0	19.6	H	< 28.0	< 41.0	54.0	74.0	< 47.6	< 60.6	> 6.4	> 13.4

- Note : 1) The spectrum was checked from 1.0 GHz to 26.5 GHz.
2) The cable loss, amp. gain and antenna factor are included in the correction factor.
3) The symbol of "<" means "or less".
4) The symbol of ">" means "or greater".
5) A sample calculation(Peak) was made at 1.000 GHz of Host Model : DWR-R01D.
 $PA + CF + MR = 0 + (-5.5) + 41.0 = 35.5 \text{ (dBuV/m)}$
 PA : Peak to Average Factor (P-A Factor)
 CF : Correction Factor
 MR : Meter Reading

6) Measuring Instruments Setting :

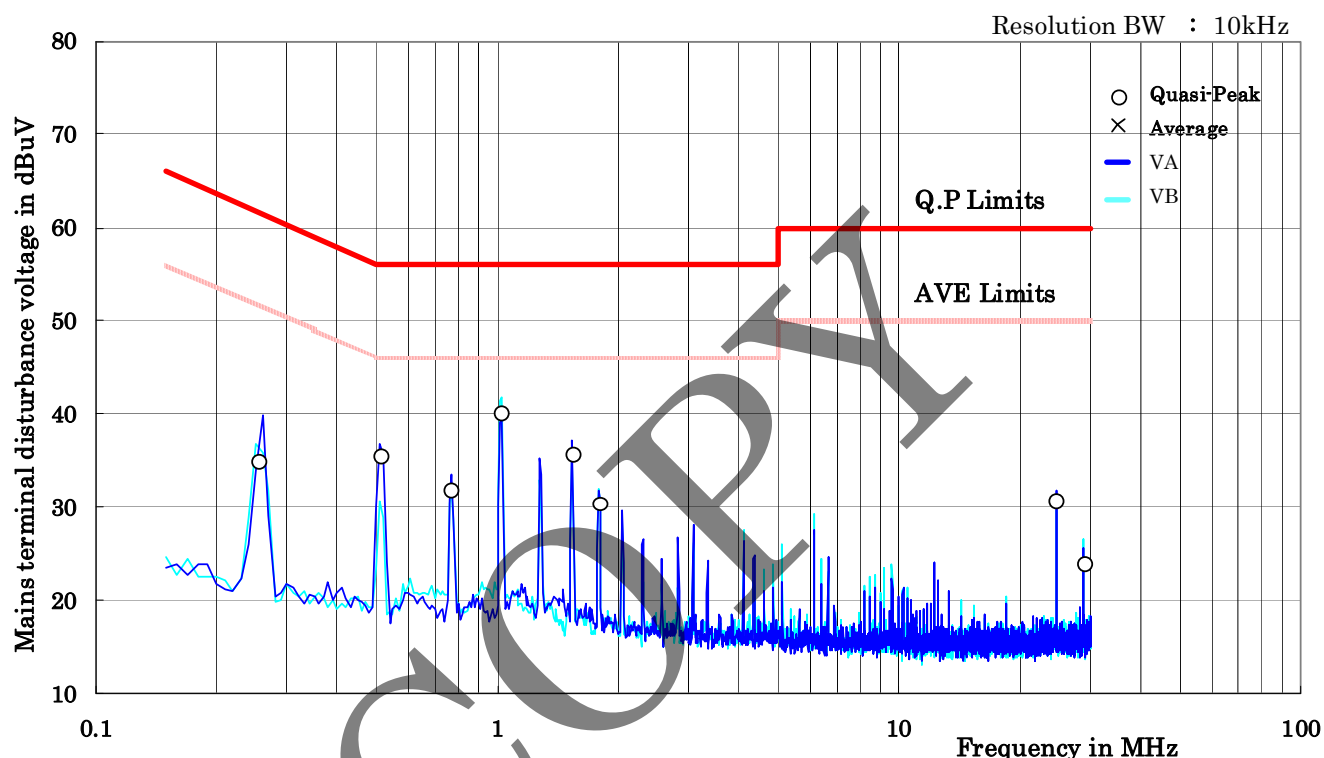
Detector Function	Resolution Bandwidth	Video Bandwidth
Average (AV)	1 MHz	10 Hz
Peak	1 MHz	1 MHz

X.2 AC Power Line Conducted Emissions for Transmitter

X.2.1 Host Model : DWR-R01D

Date : February 12, 2010

Temp. : 25 °C Humi. : 30 %



Freq. [MHz]	Correction Factor [dB]	Meter Reading [dBuV]				Limit [dBuV]		Result [dBuV]		Margin [dB]	
		VA		VB		QP	AV	QP	AV	QP	AV
		QP	AV	QP	AV						
0.256	0.20	34.7	-	34.2	-	61.6	51.6	34.9	-	26.7	-
0.512	0.10	35.5	-	28.2	-	56.0	46.0	35.6	-	20.4	-
0.768	0.10	31.8	-	30.3	-	56.0	46.0	31.9	-	24.1	-
1.024	0.10	38.1	-	40.1	-	56.0	46.0	40.2	-	15.8	-
1.536	0.10	35.6	-	34.7	-	56.0	46.0	35.7	-	20.3	-
1.793	0.10	30.3	-	30.3	-	56.0	46.0	30.4	-	25.6	-
24.58	0.60	30.0	-	28.2	-	60.0	50.0	30.6	-	29.4	-
28.80	0.70	22.9	-	23.3	-	60.0	50.0	24.0	-	36.0	-

Note : 1) QP : CISPR Quasi-Peak ; AV : Average IF bandwidth : 9 kHz.

2) VA : One end & grounded ; VB : The other end & grounded

3) The symbol of '<' means 'or less' .

4) The symbol of '>' means 'or greater' .

5) The symbol of '-' means 'Not applicable' .

6) Factor includes an artificial mains network factor and a cable (4.0 m) loss.

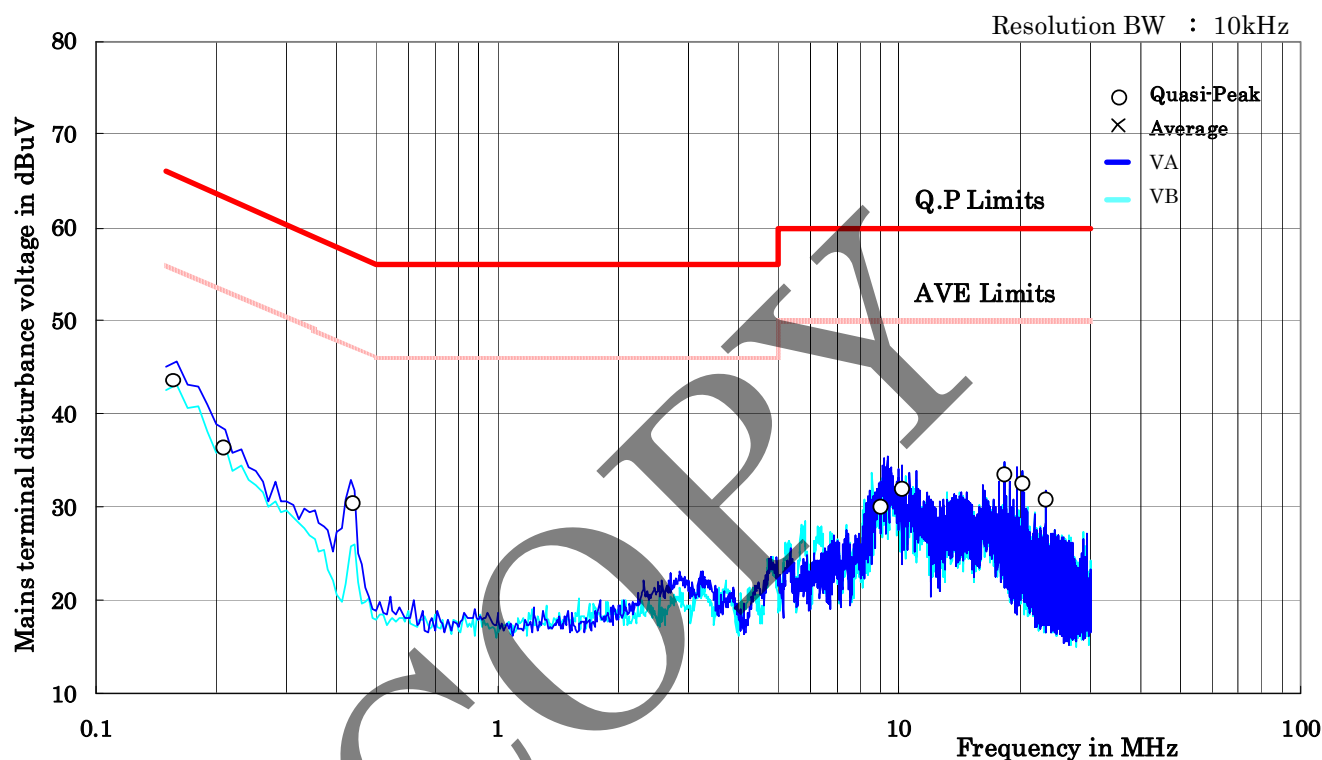
7) A sample calculation was made at 0.256MHz

Factor + Meter Reading = 0.2 + 34.7 = 34.9

X.2.2 Host Model : RMU-01

Date : February 12, 2010

Temp. : 25 °C Humi. : 30 %



Freq. [MHz]	Correction Factor [dB]	Meter Reading [dBuV]				Limit [dBuV]		Result [dBuV]		Margin [dB]	
		VA		VB		QP	AV	QP	AV	QP	AV
QP	AV	QP	AV	QP	AV						
0.156	0.30	43.4	-	40.9	-	65.7	55.7	43.7	-	22.0	-
0.208	0.20	36.3	-	34.0	-	63.3	53.3	36.5	-	26.8	-
0.434	0.10	30.4	-	22.0	-	57.2	47.2	30.5	-	26.7	-
8.923	0.30	29.8	-	28.8	-	60.0	50.0	30.1	-	29.9	-
10.17	0.30	31.7	-	31.2	-	60.0	50.0	32.0	-	28.0	-
18.25	0.50	33.0	-	32.8	-	60.0	50.0	33.5	-	26.5	-
20.26	0.50	32.2	-	32.0	-	60.0	50.0	32.7	-	27.3	-
23.13	0.60	30.3	-	30.2	-	60.0	50.0	30.9	-	29.1	-

Note : 1) QP : CISPR Quasi-Peak ; AV : Average IF bandwidth : 9 kHz.

2) VA : One end & grounded ; VB : The other end & grounded

3) The symbol of '<' means 'or less' .

4) The symbol of '>' means 'or greater' .

5) The symbol of '-' means 'Not applicable' .

6) Factor includes an artificial mains network factor and a cable (4.0 m) loss.

7) A sample calculation was made at 0.156MHz

Factor + Meter Reading = 0.3 + 43.4 = 43.7

X.3 Spurious Emissions for Receiver (Radiation)**X.3.1 Spurious Emissions in the frequency range from 30 MHz to 1000 MHz****X.3.1.1 Host Model : DWR-R01D**

Date : February 12, 2010

Temp. : 19 °C Humi. : 43 %

Mode of EUT : All modes have been investigated and worst case mode for Channel (25ch : 2475 MHz)
 has been listed.

Test Port : Enclosure

Frequency (MHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)			Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)	
				QP	AV	Peak	QP/AV	Peak	QP/AV	Peak	QP/AV	Peak
49.17	0.0	15.2	V	8.2	-	-	40.0	-	23.4	-	16.6	-
67.21	0.0	10.7	H	22.2	-	-	40.0	-	32.9	-	7.1	-
172.80	0.0	20.3	V	9.0	-	-	43.5	-	29.3	-	14.2	-
228.45	0.0	21.7	V	2.6	-	-	46.0	-	24.3	-	21.7	-
266.55	0.0	22.7	V	2.4	-	-	46.0	-	25.1	-	20.9	-
320.00	0.0	19.0	V	4.2	-	-	46.0	-	23.2	-	22.8	-
466.96	0.0	22.7	V	2.0	-	-	46.0	-	24.7	-	21.3	-
932.62	0.0	29.2	V	1.7	-	-	46.0	-	30.9	-	15.1	-

X.3.1.2 Host Model : RMU-01

Date : February 12, 2010

Temp. : 19 °C Humi. : 43 %

Mode of EUT : All modes have been investigated and worst case mode for Channel (25ch : 2475 MHz)
 has been listed.

Test Port : Enclosure

Frequency (MHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)			Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)	
				QP	AV	Peak	QP/AV	Peak	QP/AV	Peak	QP/AV	Peak
30.60	0.0	21.8	V	13.9	-	-	40.0	-	35.7	-	4.3	-
43.76	0.0	17.1	V	10.1	-	-	40.0	-	27.2	-	12.8	-
63.00	0.0	11.4	V	17.9	-	-	40.0	-	29.3	-	10.7	-
108.36	0.0	15.7	V	6.2	-	-	43.5	-	21.9	-	21.6	-
125.00	0.0	17.7	H	5.6	-	-	43.5	-	23.3	-	20.2	-
474.96	0.0	22.8	V	9.9	-	-	46.0	-	32.7	-	13.3	-
550.00	0.0	24.2	H	9.5	-	-	46.0	-	33.7	-	12.3	-
574.96	0.0	24.7	H	13.0	-	-	46.0	-	37.7	-	8.3	-
625.00	0.0	25.4	H	12.0	-	-	46.0	-	37.4	-	8.6	-

- Note : 1) The spectrum was checked from 30 MHz to 1000 MHz.
2) The cable loss, amp. gain and antenna factor are included in the correction factor.
3) The symbol of "<" means "or less".
4) The symbol of ">" means "or greater".
5) A sample calculation(QP/AV) was made at 49.17 MHz of Host Model : DWR-R01D..
PA + CF + MR = 0 + 15.2 + 8.2 = 23.4 (dBuV/m)
PA : Peak to Average Factor (P-A Factor)
CF : Correction Factor
MR : Meter Reading
6) Measuring Instruments Setting :

Detector Function	Resolution Bandwidth	Video Bandwidth
Quasi-peak (QP)	120 kHz	--

X.3.2 Spurious Emissions in the frequency range above 1 GHz**X.3.2.1 Host Model : DWR-R01D**

Date : February 12, 2010

Temp. : 19 °C Humi. : 43 %

Mode of EUT : RX Mode (11ch : 2405MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)		Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)							
				AV	Peak	AV	Peak	AV	Peak	AV	Peak						
1.0000	0.0	-5.9	V	<	28.0	<	41.0	54.0	74.0	<	22.1	<	35.1	>	31.9	>	38.9
1.1264	0.0	-4.9	H	<	28.0	<	41.0	54.0	74.0	<	23.1	<	36.1	>	30.9	>	37.9
2.4031	0.0	2.8	V	<	28.0	<	41.0	54.0	74.0	<	30.8	<	43.8	>	23.2	>	30.2
2.4842	0.0	3.1	V		28.1	<	41.0	54.0	74.0		31.2	<	44.1		22.8	>	29.9
3.3123	0.0	5.6	V		29.7	<	41.0	54.0	74.0		35.3	<	46.6		18.7	>	27.4
4.1404	0.0	7.5	V		29.1	<	41.0	54.0	74.0		36.6	<	48.5		17.4	>	25.5

Mode of EUT : RX Mode (18ch : 2440MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polar- ization	Meter Reading (dBuV)		Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)							
				AV	Peak	AV	Peak	AV	Peak	AV	Peak						
1.0000	0.0	-5.9	V	<	28.0	<	41.0	54.0	74.0	<	22.1	<	35.1	>	31.9	>	38.9
1.1264	0.0	-4.9	H	<	28.0	<	41.0	54.0	74.0	<	23.1	<	36.1	>	30.9	>	37.9
2.4381	0.0	2.9	V	<	28.0	<	41.0	54.0	74.0	<	30.9	<	43.9	>	23.1	>	30.1
2.4842	0.0	3.1	V		28.1	<	41.0	54.0	74.0		31.2	<	44.1		22.8	>	29.9
3.3123	0.0	5.6	V		29.7	<	41.0	54.0	74.0		35.3	<	46.6		18.7	>	27.4
4.1404	0.0	7.5	V		29.1	<	41.0	54.0	74.0		36.6	<	48.5		17.4	>	25.5

Mode of EUT : RX Mode (25ch : 2475MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)		Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)							
				AV	Peak	AV	Peak	AV	Peak	AV	Peak						
1.0000	0.0	-5.9	V	<	28.0	<	41.0	54.0	74.0	<	22.1	<	35.1	>	31.9	>	38.9
1.1264	0.0	-4.9	H	<	28.0	<	41.0	54.0	74.0	<	23.1	<	36.1	>	30.9	>	37.9
2.4731	0.0	3.0	V	<	28.0	<	41.0	54.0	74.0	<	31.0	<	44.0	>	23.0	>	30.0
2.4842	0.0	3.1	V		28.1	<	41.0	54.0	74.0		31.2	<	44.1		22.8	>	29.9
3.3123	0.0	5.6	V		29.7	<	41.0	54.0	74.0		35.3	<	46.6		18.7	>	27.4
4.1404	0.0	7.5	V		29.1	<	41.0	54.0	74.0		36.6	<	48.5		17.4	>	25.5

X.3.2.2 Host Model : RMU-01

Date : February 12, 2010

Temp. : 19 °C Humi. : 43 %

Mode of EUT : RX Mode (11ch : 2405MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)		Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)							
				AV	Peak	AV	Peak	AV	Peak	AV	Peak						
1.1250	0.0	-4.9	H	<	28.0	<	41.0	54.0	74.0	<	23.1	<	36.1	>	30.9	>	37.9
1.3752	0.0	-3.0	V		28.6	<	41.0	54.0	74.0		25.6	<	38.0		28.4	>	36.0
1.6252	0.0	-1.3	H	<	28.0	<	41.0	54.0	74.0	<	26.7	<	39.7	>	27.3	>	34.3
2.4030	0.0	2.8	H	<	28.0	<	41.0	54.0	74.0	<	30.8	<	43.8	>	23.2	>	30.2
4.8060	0.0	9.0	H	<	28.0	<	41.0	54.0	74.0	<	37.0	<	50.0	>	17.0	>	24.0

Mode of EUT : RX Mode (18ch : 2440MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)				Limits (dBuV/m)		Emission Levels (dBuV/m)				Margins (dB)			
				AV	Peak			AV	Peak	AV	Peak	AV	Peak	AV	Peak		
1.1250	0.0	-4.9	H	<	28.0	<	41.0	54.0	74.0	<	23.1	<	36.1	>	30.9	>	37.9
1.3752	0.0	-3.0	V	<	28.6	<	41.0	54.0	74.0	<	25.6	<	38.0	>	28.4	>	36.0
1.6252	0.0	-1.3	H	<	28.0	<	41.0	54.0	74.0	<	26.7	<	39.7	>	27.3	>	34.3
2.4380	0.0	2.9	H	<	28.0	<	41.0	54.0	74.0	<	30.9	<	43.9	>	23.1	>	30.1
4.8760	0.0	9.2	H	<	28.0	<	41.0	54.0	74.0	<	37.2	<	50.2	>	16.8	>	23.8

Mode of EUT : RX Mode (25ch : 2475MHz)

Test Port : Enclosure

Frequency (GHz)	P-A Factor (dB)	Correction Factor (dB)	Polarization	Meter Reading (dBuV)		Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)							
				AV	Peak	AV	Peak	AV	Peak	AV	Peak						
1.1250	0.0	-4.9	H	<	28.0	<	41.0	54.0	74.0	<	23.1	<	36.1	>	30.9	>	37.9
1.3752	0.0	-3.0	V		28.6	<	41.0	54.0	74.0		25.6	<	38.0		28.4	>	36.0
1.6252	0.0	-1.3	H	<	28.0	<	41.0	54.0	74.0	<	26.7	<	39.7	>	27.3	>	34.3
2.4730	0.0	3.0	H	<	28.0	<	41.0	54.0	74.0	<	31.0	<	44.0	>	23.0	>	30.0
4.9460	0.0	9.4	H	<	28.0	<	41.0	54.0	74.0	<	37.4	<	50.4	>	16.6	>	23.6

- Note :
- 1) The spectrum was checked from 1.0 GHz to 26.5 GHz.
 - 2) The cable loss, amp. gain and antenna factor are included in the correction factor.
 - 3) The symbol of "<" means "or less".
 - 4) The symbol of ">" means "or greater".
 - 5) A sample calculation(Peak) was made at 1.000 GHz of Host Model : DWR-R01D.
 $PA + CF + MR = 0 + (-5.9) + 41.0 = 35.1 \text{ (dBuV/m)}$
 PA : Peak to Average Factor (P-A Factor)
 CF : Correction Factor
 MR : Meter Reading

6) Measuring Instruments Setting :

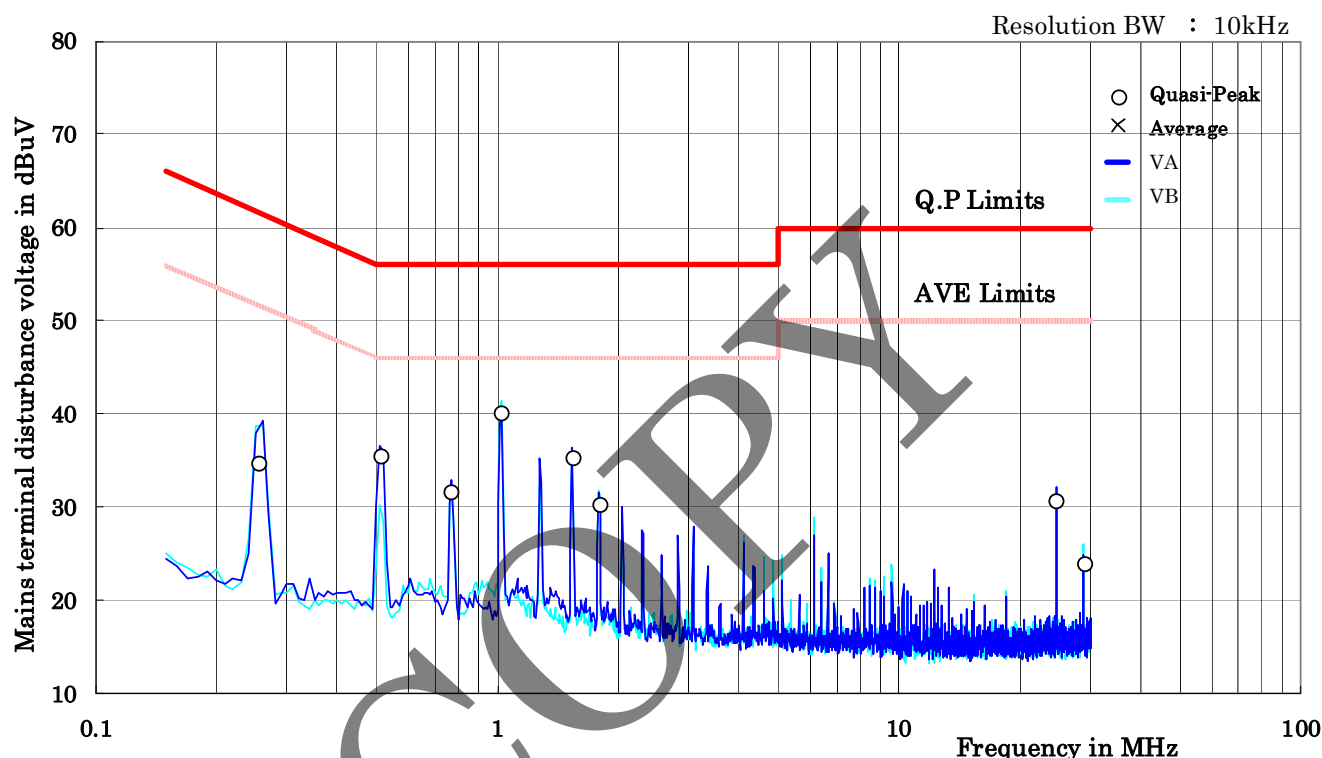
Detector Function	Resolution Bandwidth	Video Bandwidth
Average (AV)	1 MHz	10 Hz
Peak	1 MHz	1 MHz

COPY

X.4 AC Power Line Conducted Emissions for Receiver

X.4.1 Host Model : DWR-R01D

Date : February 12, 2010
 Temp. : 25 °C Humi. : 30 %



Freq. [MHz]	Correction Factor [dB]	Meter Reading [dBuV]				Limit [dBuV]		Result [dBuV]		Margin [dB]	
		VA		VB		QP	AV	QP	AV	QP	AV
		QP	AV	QP	AV						
0.255	0.20	34.6	-	34.1	-	61.6	51.6	34.8	-	26.8	-
0.513	0.10	35.5	-	28.1	-	56.0	46.0	35.6	-	20.4	-
0.769	0.10	31.6	-	30.2	-	56.0	46.0	31.7	-	24.3	-
1.025	0.10	38.1	-	40.1	-	56.0	46.0	40.2	-	15.8	-
1.536	0.10	35.2	-	34.6	-	56.0	46.0	35.3	-	20.7	-
1.793	0.10	30.2	-	29.8	-	56.0	46.0	30.3	-	25.7	-
24.58	0.60	30.1	-	28.2	-	60.0	50.0	30.7	-	29.3	-
28.80	0.70	23.0	-	23.3	-	60.0	50.0	24.0	-	36.0	-

Note : 1) QP : CISPR Quasi-Peak ; AV : Average IF bandwidth : 9 kHz.

2) VA : One end & grounded ; VB : The other end & grounded

3) The symbol of '<' means 'or less' .

4) The symbol of '>' means 'or greater' .

5) The symbol of '-' means 'Not applicable' .

6) Factor includes an artificial mains network factor and a cable (4.0 m) loss.

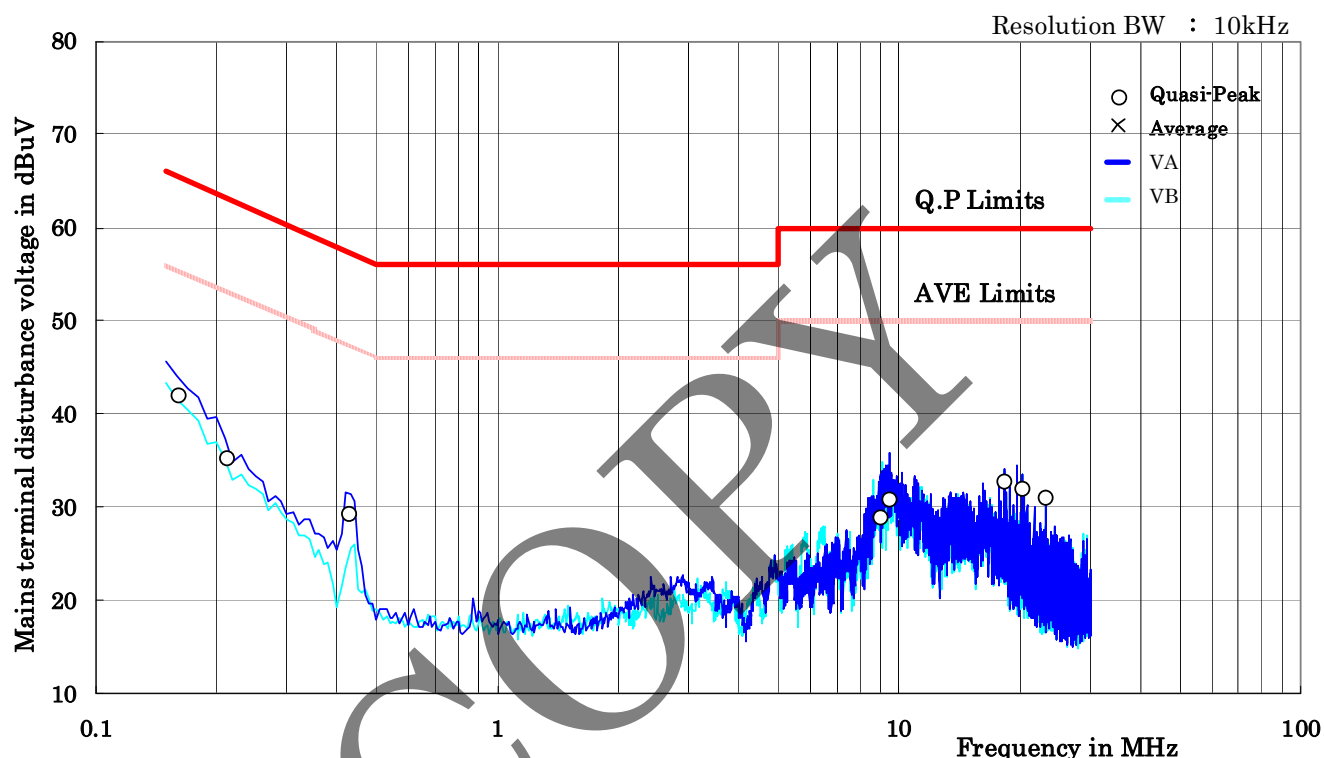
7) A sample calculation was made at 0.255MHz

Factor + Meter Reading = 0.2 + 34.6 = 34.8

X.4.2 Host Model : RMU-01

Date : February 12, 2010

Temp. : 25 °C Humi. : 30 %



Freq. [MHz]	Correction Factor [dB]	Meter Reading [dBuV]				Limit [dBuV]		Result [dBuV]		Margin [dB]	
		VA		VB		QP	AV	QP	AV	QP	AV
QP	AV	QP	AV	QP	AV						
0.161	0.30	41.8	-	39.3	-	65.4	55.4	42.1	-	23.3	-
0.211	0.20	35.2	-	32.8	-	63.2	53.2	35.4	-	27.8	-
0.426	0.10	29.3	-	20.3	-	57.3	47.3	29.4	-	27.9	-
8.937	0.30	28.7	-	27.9	-	60.0	50.0	29.0	-	31.0	-
9.448	0.30	30.6	-	30.2	-	60.0	50.0	30.9	-	29.1	-
18.25	0.50	32.3	-	32.2	-	60.0	50.0	32.8	-	27.2	-
20.26	0.50	31.6	-	31.4	-	60.0	50.0	32.1	-	27.9	-
23.13	0.60	30.4	-	30.2	-	60.0	50.0	31.0	-	29.0	-

Note : 1) QP : CISPR Quasi-Peak ; AV : Average IF bandwidth : 9 kHz.

2) VA : One end & grounded ; VB : The other end & grounded

3) The symbol of '<' means 'or less' .

4) The symbol of '>' means 'or greater' .

5) The symbol of '-' means 'Not applicable' .

6) Factor includes an artificial mains network factor and a cable (4.0 m) loss.

7) A sample calculation was made at 0.161MHz

Factor + Meter Reading = 0.3 + 41.8 = 42.1