

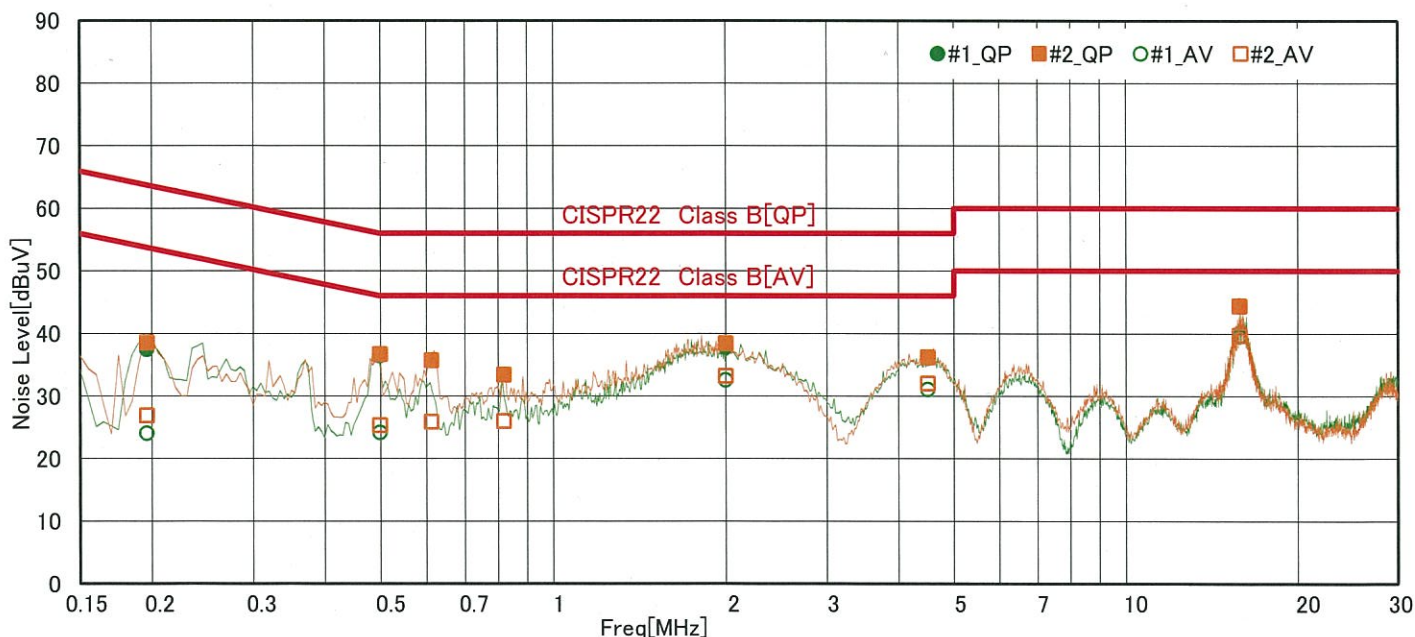
POWER LINE CONDUCTED EMISSION MEASUREMENT (150kHz~30MHz)

EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/28
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(A13-090P1A)
 S/N: Pre-production sample
 Test voltage: 120 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.196	# 1	26.9	13.5	10.6	37.5	24.1	63.8	53.8	26.3	29.7
0.196	# 2	28.0	16.3	10.6	38.6	26.9	63.8	53.8	25.2	26.9
0.499	# 1	26.4	14.1	10.1	36.5	24.2	56.0	46.0	19.5	21.8
0.499	# 2	26.6	15.2	10.1	36.7	25.3	56.0	46.0	19.3	20.7
0.613	# 2	25.6	15.8	10.1	35.7	25.9	56.0	46.0	20.3	20.1
0.819	# 2	23.3	15.9	10.1	33.4	26.0	56.0	46.0	22.6	20.0
2.000	# 1	27.6	22.4	10.2	37.8	32.6	56.0	46.0	18.2	13.4
2.000	# 2	28.2	23.0	10.2	38.4	33.2	56.0	46.0	17.6	12.8
4.500	# 1	25.8	20.8	10.3	36.1	31.1	56.0	46.0	19.9	14.9
4.500	# 2	25.9	21.7	10.3	36.2	32.0	56.0	46.0	19.8	14.0
15.850	# 1	33.6	28.7	10.9	44.5	39.6	60.0	50.0	15.5	10.4
15.850	# 2	33.5	28.8	10.9	44.4	39.7	60.0	50.0	15.6	10.3

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



A. Akawa
 Tested by

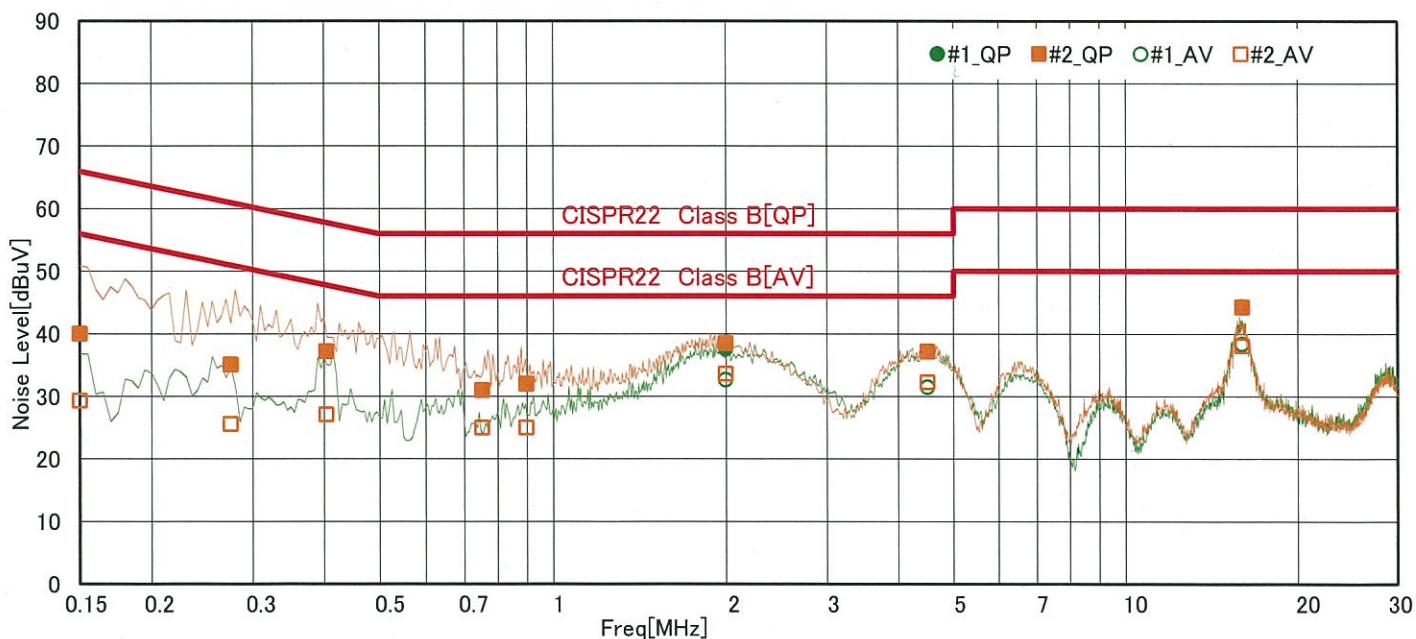
POWER LINE CONDUCTED EMISSION MEASUREMENT (150kHz~30MHz)

EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/28
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(A13-090P1A)
 S/N: Pre-production sample
 Test voltage: 100 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.150	# 2	29.5	18.8	10.5	40.0	29.3	66.0	56.0	26.0	26.7
0.274	# 2	24.6	15.1	10.5	35.1	25.6	61.0	51.0	25.9	25.4
0.403	# 2	27.0	16.9	10.2	37.2	27.1	57.8	47.8	20.6	20.7
0.752	# 2	20.9	14.9	10.1	31.0	25.0	56.0	46.0	25.0	21.0
0.898	# 2	21.9	14.9	10.1	32.0	25.0	56.0	46.0	24.0	21.0
2.000	# 1	27.4	22.5	10.2	37.6	32.7	56.0	46.0	18.4	13.3
2.000	# 2	28.3	23.4	10.2	38.5	33.6	56.0	46.0	17.5	12.4
4.500	# 1	26.9	21.2	10.3	37.2	31.5	56.0	46.0	18.8	14.5
4.500	# 2	26.9	22.0	10.3	37.2	32.3	56.0	46.0	18.8	13.7
16.000	# 1	33.5	27.5	10.9	44.4	38.4	60.0	50.0	15.6	11.6
16.000	# 2	33.4	27.2	10.9	44.3	38.1	60.0	50.0	15.7	11.9

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



[Signature]
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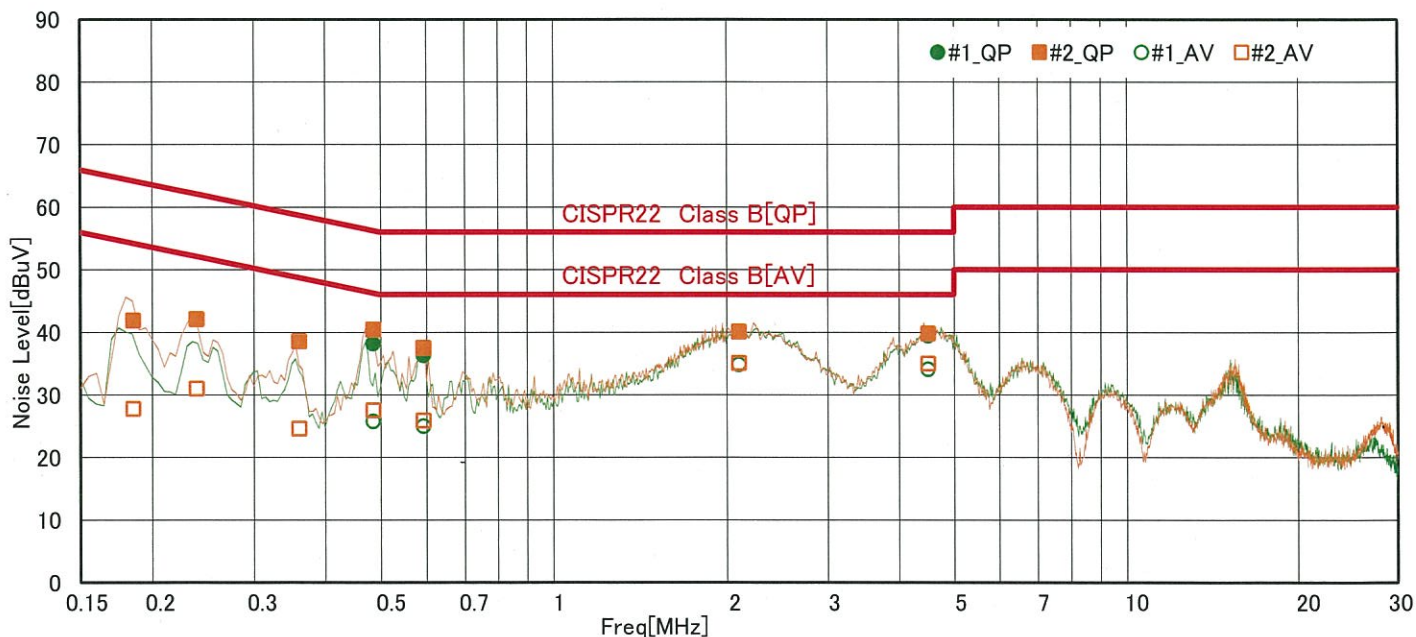
POWER LINE CONDUCTED EMISSION MEASUREMENT (150kHz~30MHz)

EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/28
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(A13-090P2A)
 S/N: Pre-production sample
 Test voltage: 120 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.185	# 2	31.2	17.1	10.7	41.9	27.8	64.3	54.3	22.4	26.5
0.239	# 2	31.5	20.4	10.6	42.1	31.0	62.1	52.1	20.0	21.1
0.360	# 2	28.3	14.3	10.3	38.6	24.6	58.7	48.7	20.1	24.1
0.485	# 1	28.1	15.7	10.1	38.2	25.8	56.3	46.3	18.1	20.5
0.485	# 2	30.3	17.4	10.1	40.4	27.5	56.3	46.3	15.9	18.8
0.593	# 1	26.2	14.9	10.1	36.3	25.0	56.0	46.0	19.7	21.0
0.593	# 2	27.4	15.8	10.1	37.5	25.9	56.0	46.0	18.5	20.1
2.100	# 1	29.9	24.7	10.2	40.1	34.9	56.0	46.0	15.9	11.1
2.100	# 2	29.9	24.9	10.2	40.1	35.1	56.0	46.0	15.9	10.9
4.500	# 1	29.2	23.8	10.3	39.5	34.1	56.0	46.0	16.5	11.9
4.500	# 2	29.5	24.7	10.3	39.8	35.0	56.0	46.0	16.2	11.0

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



Aikawa
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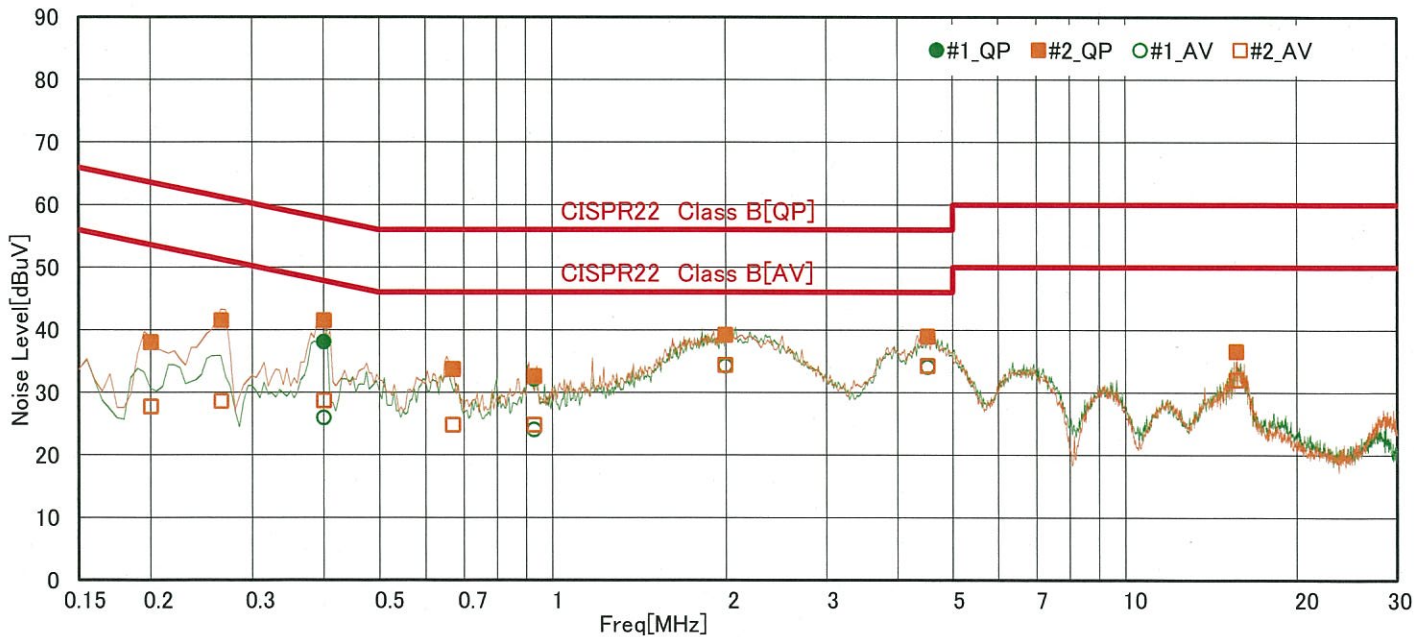
POWER LINE CONDUCTED EMISSION MEASUREMENT (150kHz~30MHz)

EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/28
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(A13-090P2A)
 S/N: Pre-production sample
 Test voltage: 100 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.200	# 2	27.4	17.1	10.6	38.0	27.7	63.6	53.6	25.6	25.9
0.265	# 2	31.0	18.1	10.5	41.5	28.6	61.3	51.3	19.8	22.7
0.400	# 1	27.9	15.8	10.2	38.1	26.0	57.9	47.9	19.8	21.9
0.400	# 2	31.3	18.5	10.2	41.5	28.7	57.9	47.9	16.4	19.2
0.670	# 2	23.6	14.7	10.1	33.7	24.8	56.0	46.0	22.3	21.2
0.930	# 1	22.1	14.0	10.1	32.2	24.1	56.0	46.0	23.8	21.9
0.930	# 2	22.5	14.7	10.1	32.6	24.8	56.0	46.0	23.4	21.2
2.000	# 1	29.0	24.1	10.2	39.2	34.3	56.0	46.0	16.8	11.7
2.000	# 2	29.0	24.2	10.2	39.2	34.4	56.0	46.0	16.8	11.6
4.515	# 1	28.7	23.8	10.3	39.0	34.1	56.0	46.0	17.0	11.9
4.515	# 2	28.7	24.0	10.3	39.0	34.3	56.0	46.0	17.0	11.7
15.652	# 2	25.7	21.1	10.9	36.6	32.0	60.0	50.0	23.4	18.0

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



Aikawa
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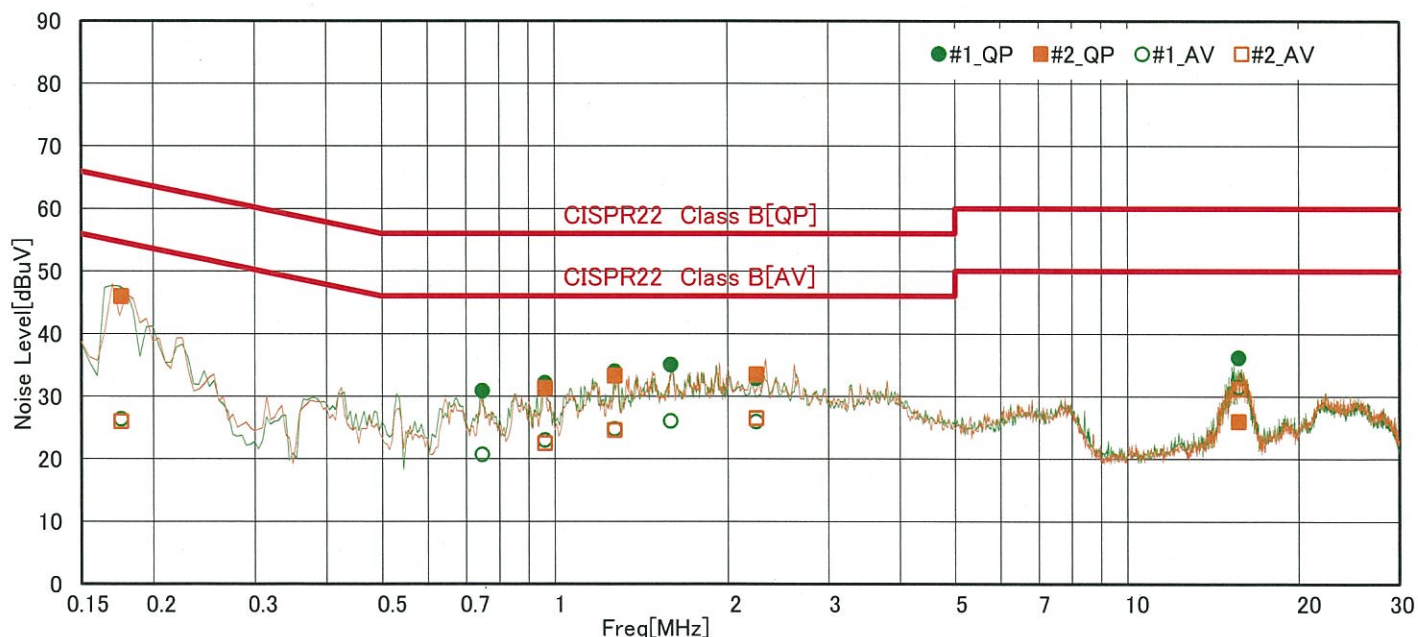
POWER LINE CONDUCTED EMISSION MEASUREMENT (150kHz~30MHz)

EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/27
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(ADP-90BE C)
 S/N: Pre-production sample
 Test voltage: 120 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.176	# 1	35.4	15.7	10.7	46.1	26.4	64.7	54.7	18.6	28.3
0.176	# 2	35.3	15.3	10.7	46.0	26.0	64.7	54.7	18.7	28.7
0.747	# 1	20.8	10.6	10.1	30.9	20.7	56.0	46.0	25.1	25.3
0.960	# 1	22.1	12.9	10.1	32.2	23.0	56.0	46.0	23.8	23.0
0.960	# 2	21.2	12.4	10.1	31.3	22.5	56.0	46.0	24.7	23.5
1.270	# 1	23.9	14.7	10.1	34.0	24.8	56.0	46.0	22.0	21.2
1.270	# 2	23.2	14.5	10.1	33.3	24.6	56.0	46.0	22.7	21.4
1.591	# 1	25.0	16.0	10.1	35.1	26.1	56.0	46.0	20.9	19.9
2.245	# 1	22.7	15.8	10.2	32.9	26.0	56.0	46.0	23.1	20.0
2.245	# 2	23.3	16.3	10.2	33.5	26.5	56.0	46.0	22.5	19.5
15.715	# 1	25.3	20.6	10.9	36.2	31.5	60.0	50.0	23.8	18.5
15.715	# 2	15.1	20.3	10.9	26.0	31.2	60.0	50.0	34.0	18.8

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



A. Akawa

 Tested by

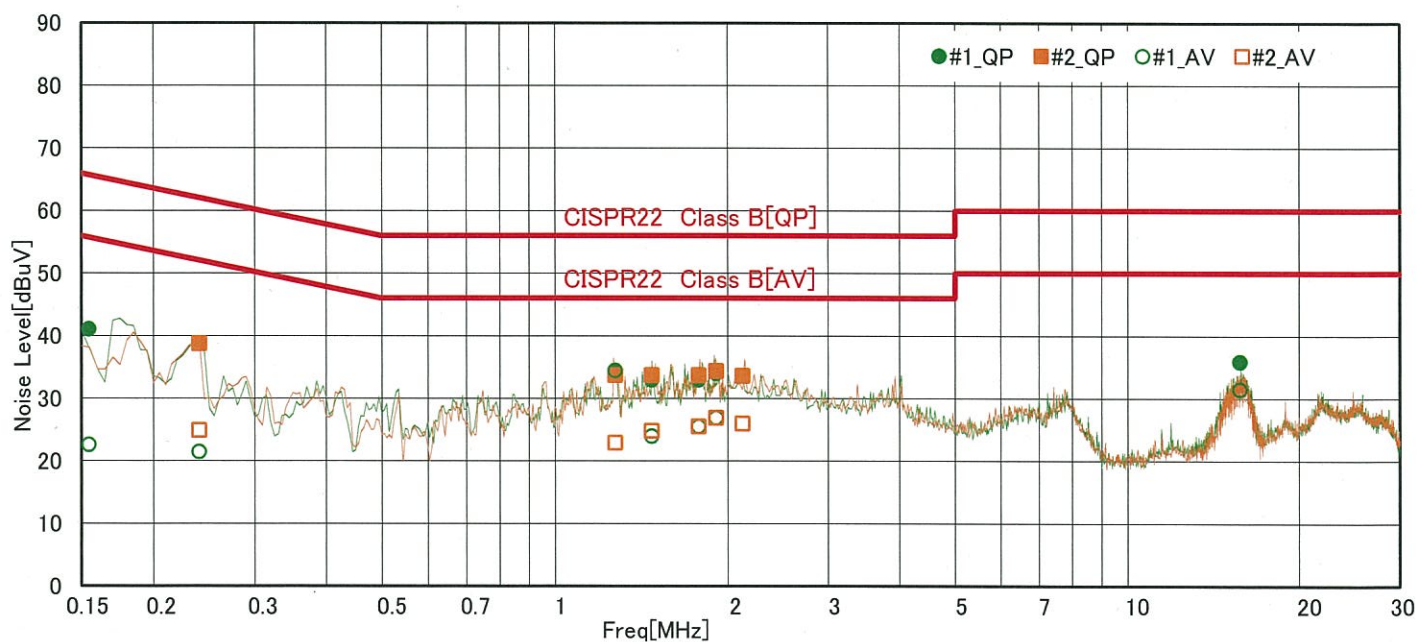
POWER LINE CONDUCTED EMISSION MEASUREMENT (150kHz~30MHz)

EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/27
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(ADP-90BE C)
 S/N: Pre-production sample
 Test voltage: 100 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.155	# 1	30.4	11.9	10.7	41.1	22.6	65.8	55.8	24.7	33.2
0.240	# 1	28.3	11.0	10.5	38.8	21.5	62.1	52.1	23.3	30.6
0.240	# 2	28.2	14.3	10.6	38.8	24.9	62.1	52.1	23.3	27.2
1.272	# 1	24.4	24.4	10.1	34.5	34.5	56.0	46.0	21.5	11.5
1.272	# 2	23.6	12.8	10.1	33.7	22.9	56.0	46.0	22.3	23.1
1.474	# 1	22.9	13.9	10.1	33.0	24.0	56.0	46.0	23.0	22.0
1.474	# 2	23.6	14.7	10.1	33.7	24.8	56.0	46.0	22.3	21.2
1.780	# 1	22.8	15.3	10.2	33.0	25.5	56.0	46.0	23.0	20.5
1.780	# 2	23.5	15.3	10.2	33.7	25.5	56.0	46.0	22.3	20.5
1.910	# 1	23.8	16.7	10.2	34.0	26.9	56.0	46.0	22.0	19.1
1.910	# 2	24.2	16.7	10.2	34.4	26.9	56.0	46.0	21.6	19.1
2.125	# 2	23.4	15.8	10.2	33.6	26.0	56.0	46.0	22.4	20.0
15.779	# 1	25.0	20.6	10.9	35.9	31.5	60.0	50.0	24.1	18.5

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



(Signature)
 Tested by

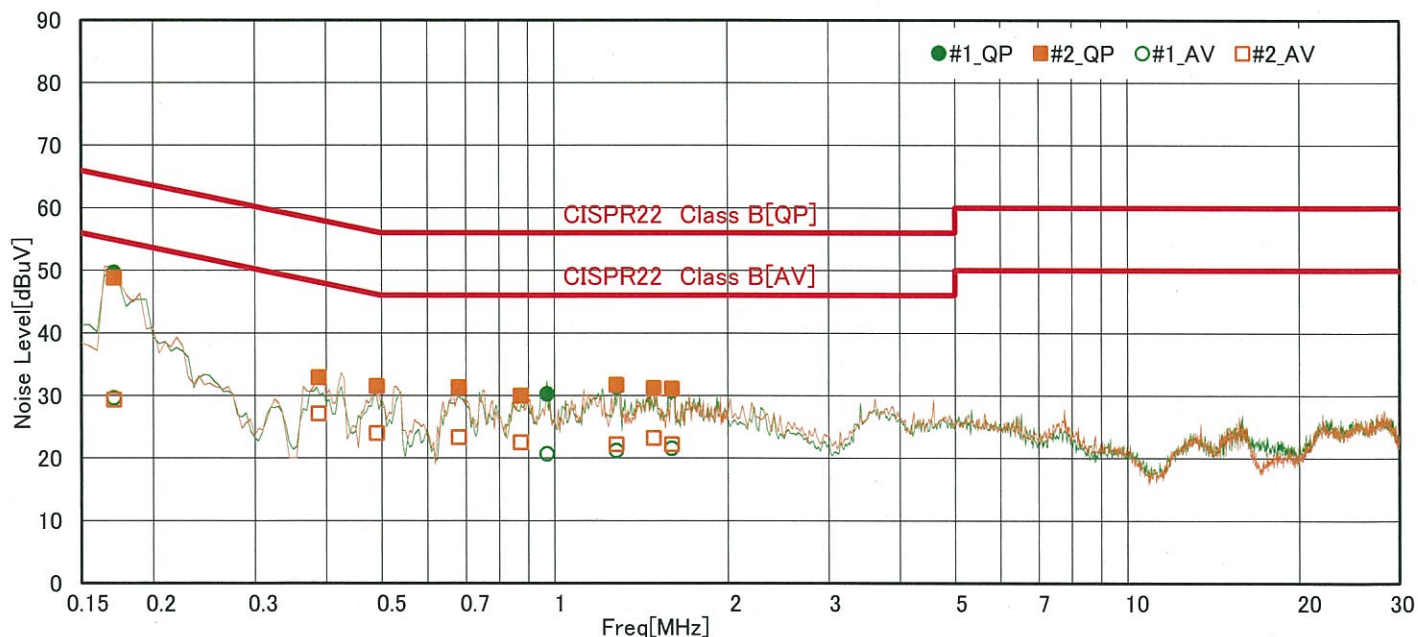
POWER LINE CONDUCTED EMISSION MEASUREMENT (150kHz~30MHz)

EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/28
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(ADP-90BE D)
 S/N: Pre-production sample
 Test voltage: 120 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.171	# 1	39.0	18.9	10.7	49.7	29.6	64.9	54.9	15.2	25.3
0.171	# 2	38.1	18.6	10.7	48.8	29.3	64.9	54.9	16.1	25.6
0.388	# 2	22.6	16.8	10.3	32.9	27.1	58.1	48.1	25.2	21.0
0.490	# 2	21.4	13.9	10.1	31.5	24.0	56.2	46.2	24.7	22.2
0.680	# 2	21.2	13.2	10.1	31.3	23.3	56.0	46.0	24.7	22.7
0.872	# 2	19.9	12.4	10.1	30.0	22.5	56.0	46.0	26.0	23.5
0.969	# 1	20.2	10.6	10.1	30.3	20.7	56.0	46.0	25.7	25.3
1.280	# 1	21.3	11.1	10.1	31.4	21.2	56.0	46.0	24.6	24.8
1.280	# 2	21.6	12.1	10.1	31.7	22.2	56.0	46.0	24.3	23.8
1.486	# 2	21.1	13.1	10.1	31.2	23.2	56.0	46.0	24.8	22.8
1.600	# 1	20.7	11.5	10.1	30.8	21.6	56.0	46.0	25.2	24.4
1.600	# 2	21.0	12.1	10.1	31.1	22.2	56.0	46.0	24.9	23.8

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



A. Aikawa
 Tested by

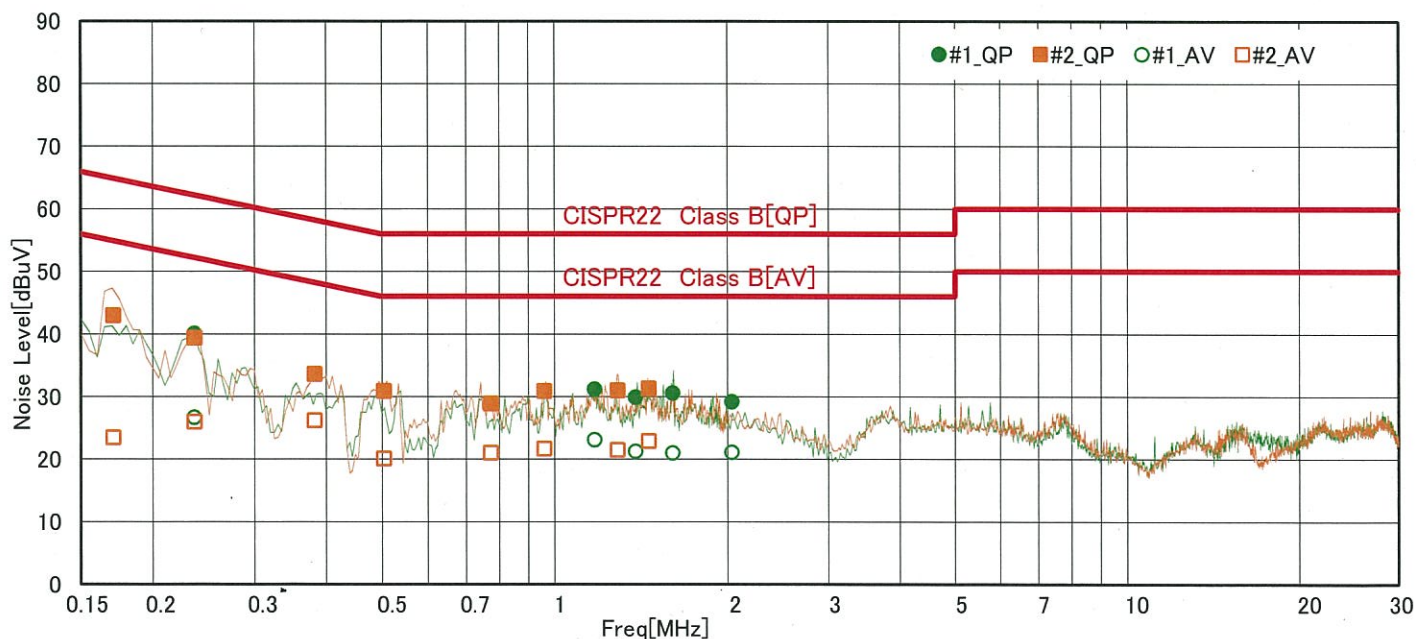
POWER LINE CONDUCTED EMISSION MEASUREMENT (150kHz~30MHz)

EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/28
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(ADP-90BE D)
 S/N: Pre-production sample
 Test voltage: 100 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.171	# 2	32.3	12.8	10.7	43.0	23.5	64.9	54.9	21.9	31.4
0.236	# 1	29.6	16.2	10.5	40.1	26.7	62.2	52.2	22.1	25.5
0.236	# 2	28.8	15.4	10.6	39.4	26.0	62.2	52.2	22.8	26.2
0.382	# 2	23.3	15.9	10.3	33.6	26.2	58.2	48.2	24.6	22.0
0.504	# 2	20.8	10.0	10.1	30.9	20.1	56.0	46.0	25.1	25.9
0.775	# 2	18.8	10.9	10.1	28.9	21.0	56.0	46.0	27.1	25.0
0.960	# 2	20.8	11.6	10.1	30.9	21.7	56.0	46.0	25.1	24.3
1.175	# 1	21.1	13.0	10.1	31.2	23.1	56.0	46.0	24.8	22.9
1.289	# 2	20.9	11.4	10.1	31.0	21.5	56.0	46.0	25.0	24.5
1.385	# 1	19.8	11.2	10.1	29.9	21.3	56.0	46.0	26.1	24.7
1.460	# 2	21.2	12.8	10.1	31.3	22.9	56.0	46.0	24.7	23.1
1.607	# 1	20.5	10.9	10.1	30.6	21.0	56.0	46.0	25.4	25.0
2.035	# 1	19.0	10.9	10.2	29.2	21.1	56.0	46.0	26.8	24.9

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



A. Aikawa
 Tested by

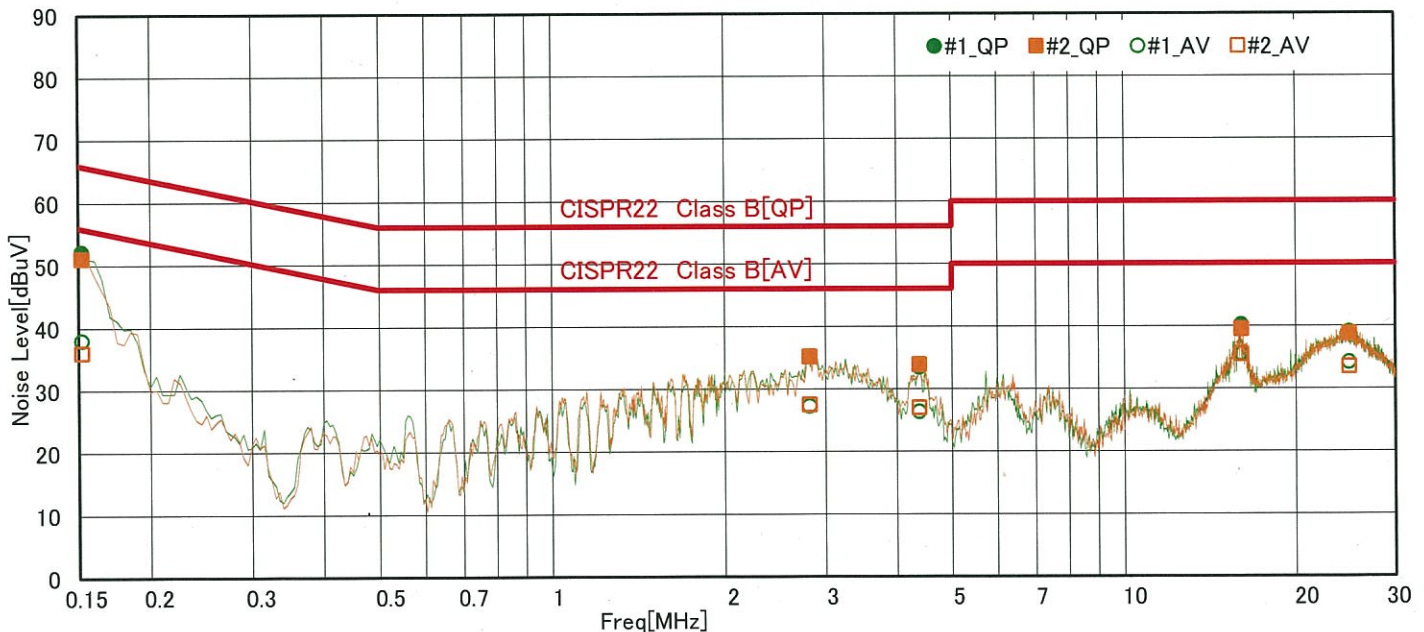
POWER LINE CONDUCTED EMISSION MEASUREMENT (150kHz~30MHz)

EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/28
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(ADP-80SB B)
 S/N: Pre-production sample
 Test voltage: 100 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.152	# 1	41.5	27.3	10.7	52.2	38.0	65.9	55.9	13.7	17.9
0.152	# 2	40.4	25.3	10.7	51.1	36.0	65.9	55.9	14.8	19.9
2.815	# 1	25.0	17.1	10.2	35.2	27.3	56.0	46.0	20.8	18.7
2.815	# 2	25.0	17.3	10.2	35.2	27.5	56.0	46.0	20.8	18.5
4.380	# 1	23.2	16.1	10.3	33.5	26.4	56.0	46.0	22.5	19.6
4.380	# 2	23.6	16.7	10.3	33.9	27.0	56.0	46.0	22.1	19.0
16.040	# 1	29.3	24.7	10.9	40.2	35.6	60.0	50.0	19.8	14.4
16.040	# 2	28.6	24.6	10.9	39.5	35.5	60.0	50.0	20.5	14.5
24.900	# 1	27.6	22.7	11.5	39.1	34.2	60.0	50.0	20.9	15.8
24.900	# 2	27.3	22.0	11.5	38.8	33.5	60.0	50.0	21.2	16.5

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



A. Aikawa
 Tested by

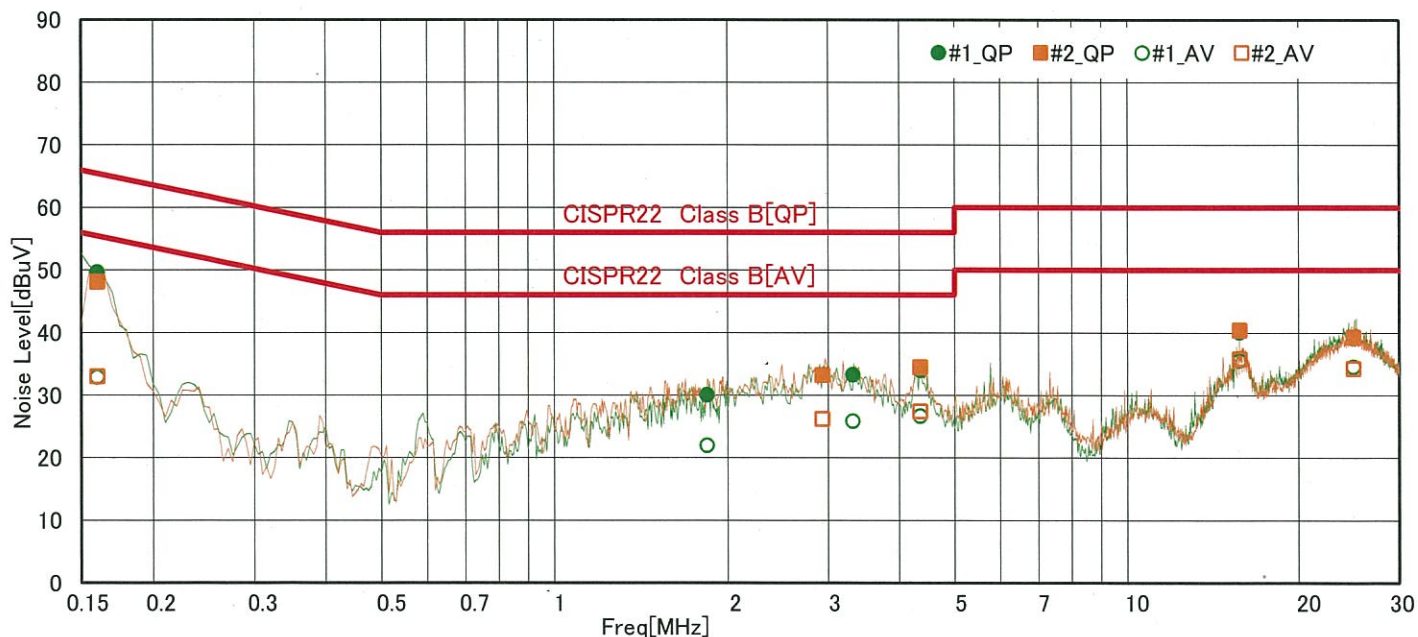
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EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/28
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(ADP-80SB B)
 S/N: Pre-production sample
 Test voltage: 100 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.160	# 1	39.0	22.2	10.7	49.7	32.9	65.5	55.5	15.8	22.6
0.160	# 2	37.4	22.3	10.7	48.1	33.0	65.5	55.5	17.4	22.5
1.843	# 1	19.9	11.8	10.2	30.1	22.0	56.0	46.0	25.9	24.0
2.935	# 2	23.0	16.0	10.2	33.2	26.2	56.0	46.0	22.8	19.8
3.319	# 1	23.1	15.7	10.2	33.3	25.9	56.0	46.0	22.7	20.1
4.355	# 1	23.7	16.4	10.3	34.0	26.7	56.0	46.0	22.0	19.3
4.355	# 2	24.2	17.1	10.3	34.5	27.4	56.0	46.0	21.5	18.6
15.780	# 1	29.2	24.7	10.9	40.1	35.6	60.0	50.0	19.9	14.4
15.780	# 2	29.5	24.9	10.9	40.4	35.8	60.0	50.0	19.6	14.2
25.000	# 1	27.6	23.0	11.6	39.2	34.6	60.0	50.0	20.8	15.4
25.000	# 2	27.7	22.7	11.6	39.3	34.3	60.0	50.0	20.7	15.7

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



A. Nakama
 Tested by

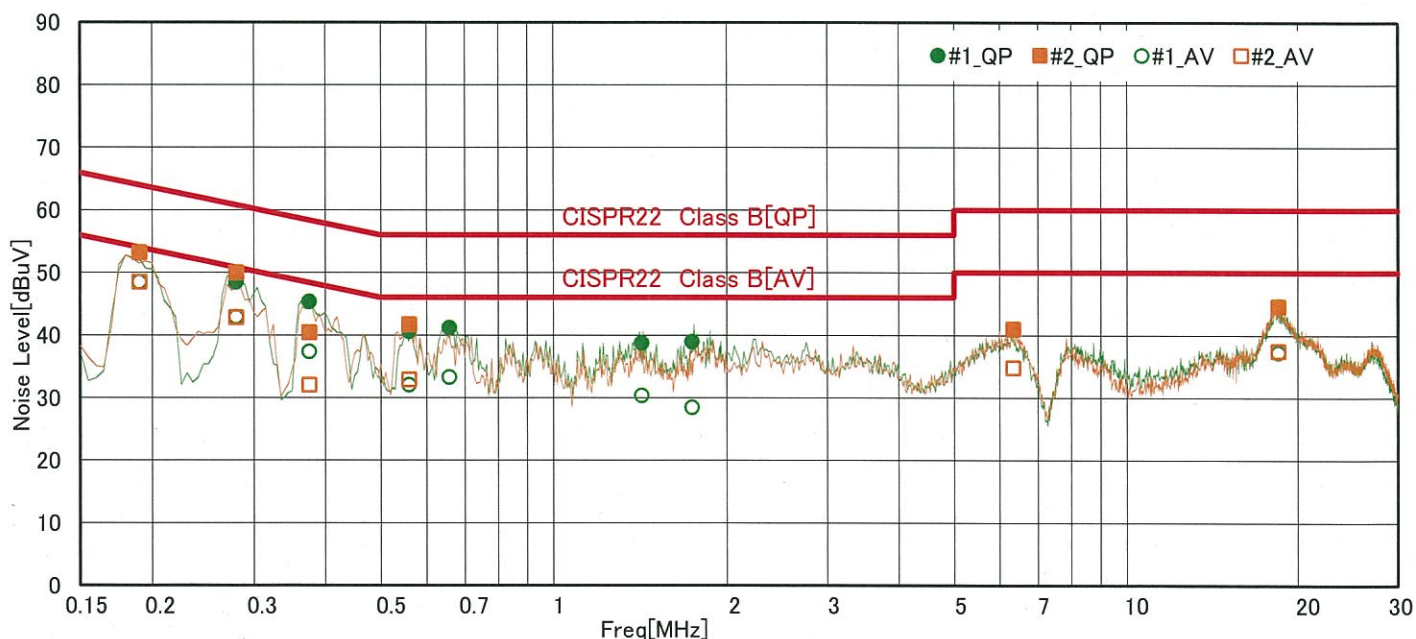
POWER LINE CONDUCTED EMISSION MEASUREMENT (150kHz~30MHz)

EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/27
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(PJW1942NA)
 S/N: Pre-production sample
 Test voltage: 120 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.190	# 1	42.5	37.9	10.6	53.1	48.5	64.0	54.0	10.9	5.5
0.190	# 2	42.6	37.9	10.6	53.2	48.5	64.0	54.0	10.8	5.5
0.280	# 1	38.0	32.4	10.5	48.5	42.9	60.8	50.8	12.3	7.9
0.280	# 2	39.5	32.3	10.5	50.0	42.8	60.8	50.8	10.8	8.0
0.375	# 1	35.1	27.1	10.3	45.4	37.4	58.4	48.4	13.0	11.0
0.375	# 2	30.1	21.7	10.3	40.4	32.0	58.4	48.4	18.0	16.4
0.560	# 1	30.5	22.0	10.1	40.6	32.1	56.0	46.0	15.4	13.9
0.560	# 2	31.6	22.8	10.1	41.7	32.9	56.0	46.0	14.3	13.1
0.659	# 1	31.1	23.2	10.1	41.2	33.3	56.0	46.0	14.8	12.7
1.422	# 1	28.7	20.3	10.1	38.8	30.4	56.0	46.0	17.2	15.6
1.740	# 1	28.9	18.4	10.1	39.0	28.5	56.0	46.0	17.0	17.5
6.339	# 2	30.6	24.4	10.4	41.0	34.8	60.0	50.0	19.0	15.2
18.500	# 1	33.6	26.2	11.1	44.7	37.3	60.0	50.0	15.3	12.7
18.500	# 2	33.5	26.4	11.1	44.6	37.5	60.0	50.0	15.4	12.5

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



A. Aikawa

 Tested by

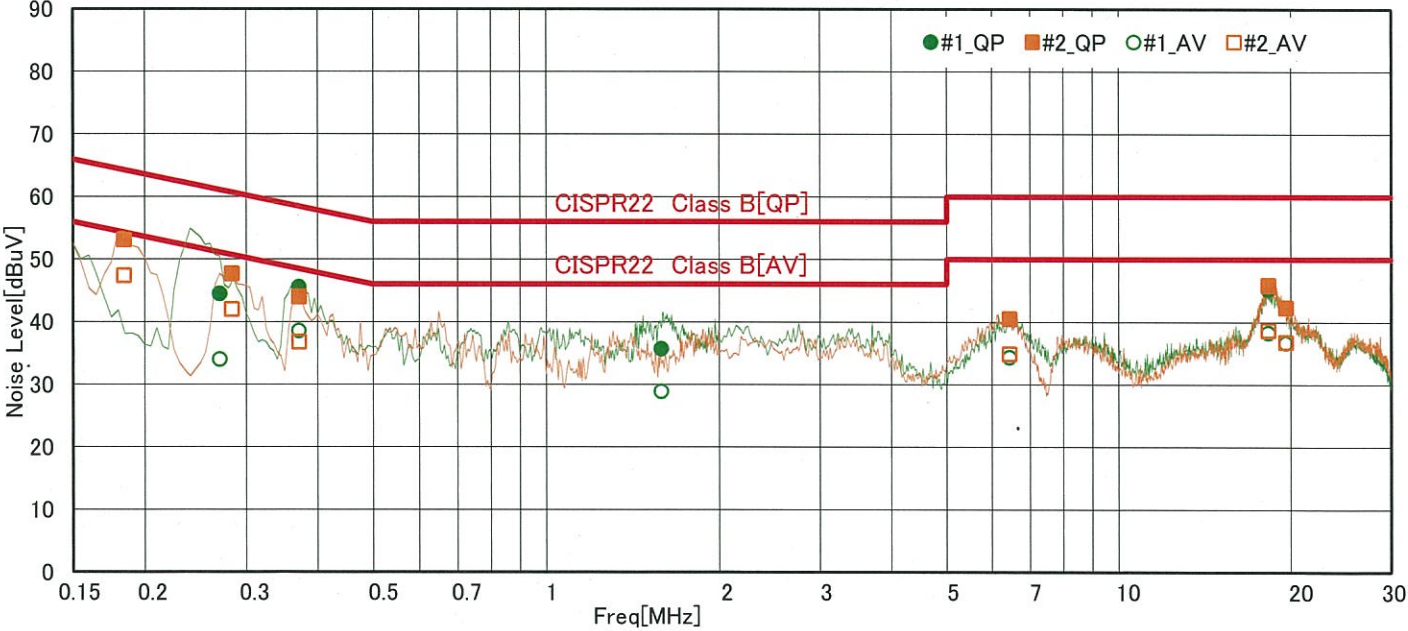
POWER LINE CONDUCTED EMISSION MEASUREMENT (150kHz~30MHz)

EUT Name: Personal computer
 Limit: CISPR22 Class B
 Test date 2013/8/27
 AMN: Kyoritsu KNW-407 S/N:8-823-18
 Test site: 3rd shielded room

Type: T734(PJW1942NA)
 S/N: Pre-production sample
 Test voltage: 100 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.184	# 2	42.4	36.7	10.7	53.1	47.4	64.3	54.3	11.2	6.9
0.270	# 1	33.9	23.4	10.6	44.5	34.0	61.1	51.1	16.6	17.1
0.283	# 2	37.2	31.5	10.5	47.7	42.0	60.7	50.7	13.0	8.7
0.371	# 1	35.3	28.3	10.3	45.6	38.6	58.5	48.5	12.9	9.9
0.371	# 2	33.7	26.5	10.3	44.0	36.8	58.5	48.5	14.5	11.7
1.588	# 1	25.6	18.8	10.1	35.7	28.9	56.0	46.0	20.3	17.1
6.440	# 1	30.1	24.0	10.4	40.5	34.4	60.0	50.0	19.5	15.6
6.440	# 2	30.1	24.5	10.4	40.5	34.9	60.0	50.0	19.5	15.1
18.300	# 1	34.2	27.2	11.1	45.3	38.3	60.0	50.0	14.7	11.7
18.300	# 2	34.8	27.6	11.1	45.9	38.7	60.0	50.0	14.1	11.3
19.640	# 1	31.1	25.5	11.2	42.3	36.7	60.0	50.0	17.7	13.3
19.640	# 2	31.1	25.6	11.2	42.3	36.8	60.0	50.0	17.7	13.2

* Noise Level = Meter Reading + Factor(=AMN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



A. Nakama
 Tested by

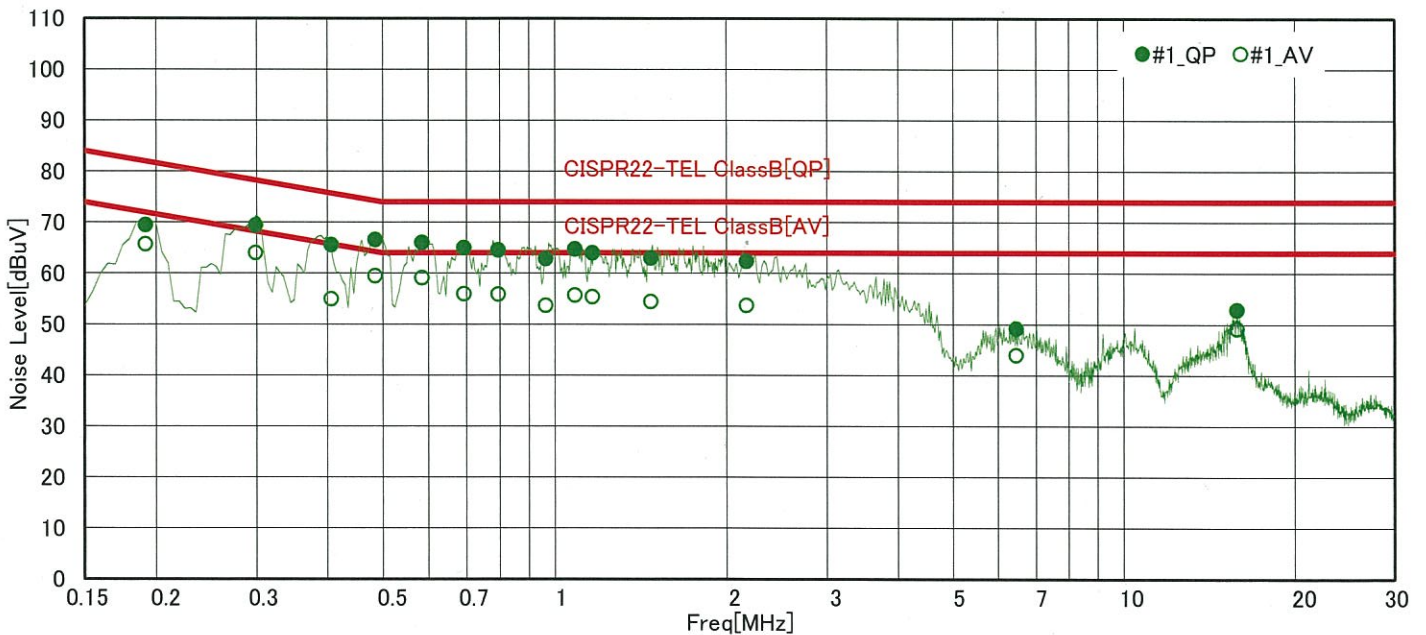
TELECOMMUNICATION LINE CONDUCTED EMISSION MEASUREMENT
(150kHz~30MHz)

EUT Name: Personal computer
 Test port: LAN Port ④
 Limit: CISPR22-TEL ClassB
 Test date 2013/8/28
 ISN: TESEQ ST-08 S/N:32277
 Test site: 3rd shielded room

Type: T734(ADP-80SB B) S/N: Pre-production sample
 Test voltage: 100 VAC Single Phase
 Temp: 23 °C R/H: 50 %
 Receiver: HP 85422E S/N:3746A00239
 Software: EMI measurement software of Version 1.3

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.192	# 1	49.2	45.4	20.3	69.5	65.7	82.0	72.0	12.5	6.3
0.299	# 1	49.3	43.9	20.1	69.4	64.0	78.3	68.3	8.9	4.3
0.407	# 1	45.6	35.0	20.0	65.6	55.0	75.7	65.7	10.1	10.7
0.485	# 1	46.8	39.7	19.8	66.6	59.5	74.3	64.3	7.7	4.8
0.585	# 1	46.2	39.3	19.8	66.0	59.1	74.0	64.0	8.0	4.9
0.694	# 1	45.2	36.2	19.8	65.0	56.0	74.0	64.0	9.0	8.0
0.796	# 1	44.8	36.1	19.8	64.6	55.9	74.0	64.0	9.4	8.1
0.964	# 1	43.1	33.9	19.8	62.9	53.7	74.0	64.0	11.1	10.3
1.085	# 1	45.0	35.9	19.8	64.8	55.7	74.0	64.0	9.2	8.3
1.164	# 1	44.2	35.6	19.8	64.0	55.4	74.0	64.0	10.0	8.6
1.474	# 1	43.2	34.7	19.8	63.0	54.5	74.0	64.0	11.0	9.5
2.169	# 1	42.6	33.9	19.8	62.4	53.7	74.0	64.0	11.6	10.3
6.459	# 1	29.2	24.0	20.0	49.2	44.0	74.0	64.0	24.8	20.0
15.848	# 1	32.5	28.8	20.4	52.9	49.2	74.0	64.0	21.1	14.8

* Noise Level = Meter Reading + Factor(=ISN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



A. Aikawa
 Tested by

TELECOMMUNICATION LINE CONDUCTED EMISSION MEASUREMENT
(150kHz~30MHz)

EUT Name: Personal computer

Type: T734(ADP-80SB B)

S/N: Pre-production sample

Test port: LAN Port ④

Test voltage: 100 VAC Single Phase

Limit: CISPR22-TEL ClassB

Temp: 23 °C

R/H: 50 %

Test date 2013/8/28

Receiver: HP 85422E S/N:3746A00239

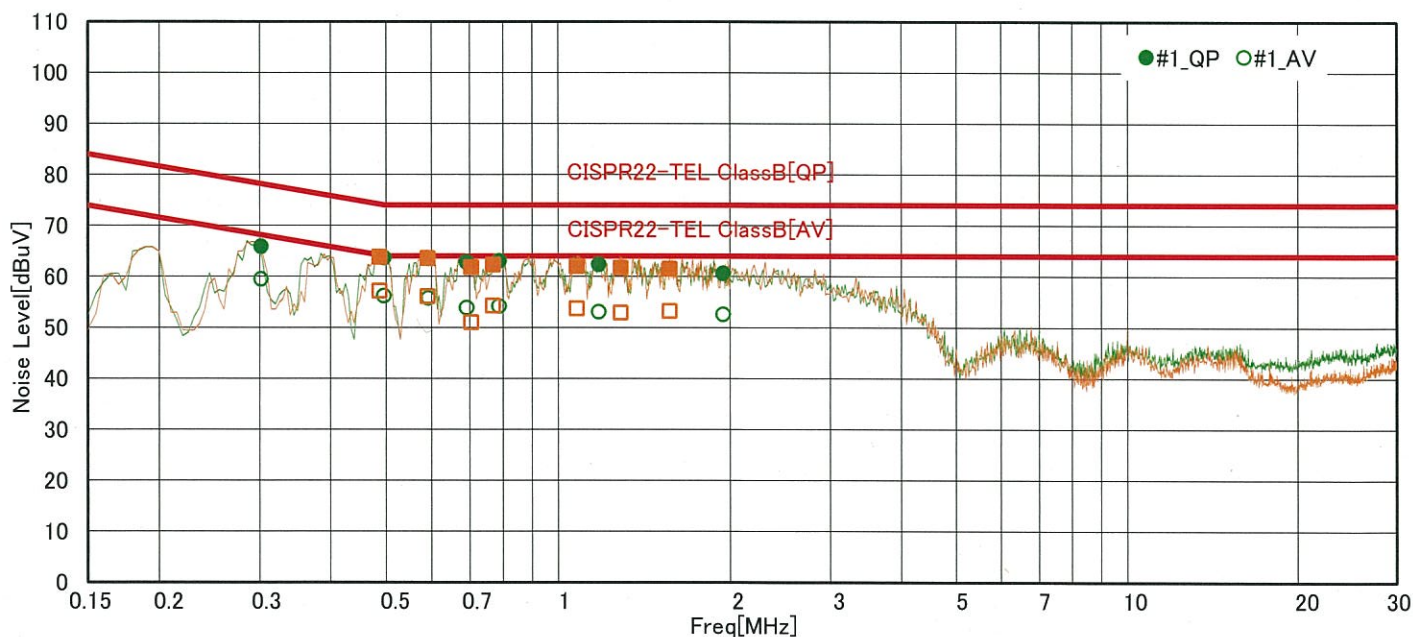
ISN: Kyoritsu KNW-2208 S/N:8S-2972-5

Software: EMI measurement software of Version 1.3

Test site: 3rd shielded room

Freq [MHz]	Line	Meter Reading [dBuV]		Factor [dB]	Noise Level [dBuV]		Limit [dBuV]		Margin [dB]	
		QP	AV		QP	AV	QP	AV	QP	AV
0.302	# 1	46.1	39.7	19.8	65.9	59.5	78.2	68.2	12.3	8.7
0.487	# 2	44.3	37.7	19.5	63.8	57.2	74.2	64.2	10.4	7.0
0.496	# 1	44.2	36.7	19.5	63.7	56.2	74.1	64.1	10.4	7.9
0.591	# 2	44.1	36.6	19.5	63.6	56.1	74.0	64.0	10.4	7.9
0.593	# 1	44.0	36.3	19.5	63.5	55.8	74.0	64.0	10.5	8.2
0.692	# 1	43.3	34.4	19.5	62.8	53.9	74.0	64.0	11.2	10.1
0.705	# 2	42.3	31.5	19.5	61.8	51.0	74.0	64.0	12.2	13.0
0.770	# 2	42.8	34.8	19.5	62.3	54.3	74.0	64.0	11.7	9.7
0.789	# 1	43.6	34.7	19.5	63.1	54.2	74.0	64.0	10.9	9.8
1.078	# 2	42.5	34.2	19.5	62.0	53.7	74.0	64.0	12.0	10.3
1.180	# 1	42.9	33.6	19.5	62.4	53.1	74.0	64.0	11.6	10.9
1.287	# 2	42.2	33.4	19.5	61.7	52.9	74.0	64.0	12.3	11.1
1.569	# 2	42.0	33.7	19.5	61.5	53.2	74.0	64.0	12.5	10.8
1.946	# 1	41.0	33.0	19.6	60.6	52.6	74.0	64.0	13.4	11.4

* Noise Level = Meter Reading + Factor(=ISN factor + 10dB pad + cable loss)
 * Measurement uncertainty: ±2.3 dB (K=2, 95%)



[Signature]
 Tested by