Attachment 3: TEST REPORT

FG05_051EAL (PART 3)

POWER LINE CONDUCTED EMISSION MEASUREMENT — Quasi-Peak Mode —

EUT Name: Personal computer Type: T4020
S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 120 VAC, Single phase
Test date: 2005/05/20 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber
Assisted software: EMI measurement software of Version 1.3

Freq. (MHz)	Line	Meter Reading (dBuV)	Corr. Factor (dB)	Noise Level (dBuV)	Limit (dBuV)	Margin (dB)
0.2000	# 1	42.8	6.8	49.6	53.6	4.0
0.2000	# 2	41.1	6.8	47.9	53.6	5.7
0.3000	# 1	35.8	6.6	42.4	50.2	7.8
0.3000	# 2	32.8	6.5	39.3	50.2	10.9
0.3800	# 1	28.9	6.3	35.2	48.3	13.1
0.3800	# 2	27.1	6.3	33.4	48.3	14.9
0.5000	# 1	31.6	6.0	37.6	46.0	8.4
0.5000	# 2	28.7	6.1	34.8	46.0	11.2
0.6440	# 1	27.9	6.0	33.9	46.0	12.1
0.6860	# 1	27.4	6.0	33.4	46.0	12.6
0.8350	# 1	26.3	6.1	32.4	46.0	13.6
2.7700	# 1	31.3	6.2	37.5	46.0	8.5
2.7700	# 2	31.7	6.2	37.9	46.0	8.1
3.8000	# 1	27.6	6.2	33.8	46.0	12.2
3.8000	# 2	28.0	6.2	34.2	46.0	11.8
17.0000	# 1	35.2	6.8	42.0	50.0	8.0
17.0000	# 2	34.4	6.8	41.2	50.0	8.8

The emissions above 17.0000 MHz were below - 20 dB from limits.

* Corrected reading = meter reading + corr.factor(= AMN factor + 6-dB pad + cable loss)
* The limit of CISPR 22 is applied for FCC Part-15.
* Measurement uncertainty: ± 2.5 dB (K = 2, 95 %)

H Aikawa
Tested by

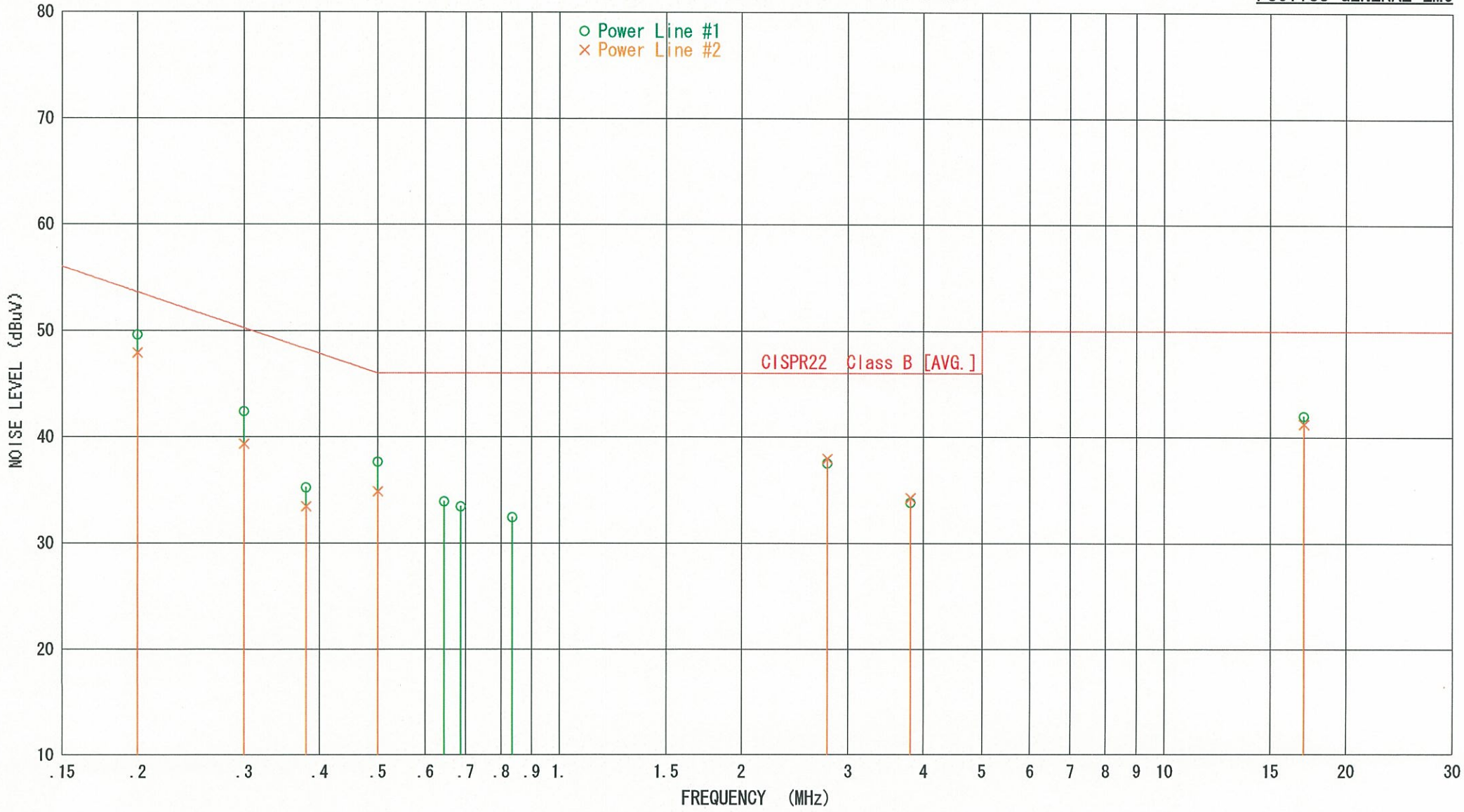
POWER LINE CONDUCTED EMISSION MEASUREMENT

-- Quasi-Peak Mode --

No: #05-051E-CE4 (2 / 2)

EUT Name: Personal computer TYPE: T4020 S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 120 VAC, Single phase
Test date: 2005/05/20 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber Assisted software: EMI measurement software of Version 1.3

FUJITSU GENERAL EMC



POWER LINE CONDUCTED EMISSION MEASUREMENT — Quasi-Peak Mode —

EUT Name: Personal computer Type: T4020
S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 120 VAC, Single phase
Test date: 2005/05/20 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber
Assisted software: EMI measurement software of Version 1.3

Freq. (MHz)	Line	Meter Reading (dBuV)	Corr. Factor (dB)	Noise Level (dBuV)	Limit (dBuV)	Margin (dB)
0.2000	# 1	42.9	6.8	49.7	63.6	13.9
0.2000	# 2	47.4	6.8	54.2	63.6	9.4
0.2687	# 1	39.9	6.6	46.5	61.2	14.7
0.2687	# 2	43.8	6.6	50.4	61.2	10.8
0.3345	# 1	39.1	6.4	45.5	59.3	13.8
0.3345	# 2	42.1	6.4	48.5	59.3	10.8
0.4000	# 2	39.1	6.3	45.4	57.9	12.5
0.4680	# 2	37.8	6.1	43.9	56.6	12.7
0.5344	# 1	36.4	6.0	42.4	56.0	13.6
0.5344	# 2	38.2	6.0	44.2	56.0	11.8
0.6010	# 2	37.1	6.0	43.1	56.0	12.9
0.6700	# 1	37.4	6.0	43.4	56.0	12.6
0.6700	# 2	37.3	6.0	43.3	56.0	12.7
0.7350	# 1	36.4	6.0	42.4	56.0	13.6
0.7350	# 2	36.8	6.0	42.8	56.0	13.2
0.8000	# 1	36.5	6.1	42.6	56.0	13.4
0.8000	# 2	36.7	6.1	42.8	56.0	13.2
8.3600	# 1	33.9	6.4	40.3	60.0	19.7

The emissions above 8.3600 MHz were below - 20 dB from limits.

* Corrected reading = meter reading + corr.factor(= AMN factor + 6-dB pad + cable loss)
* The limit of CISPR 22 is applied for FCC Part-15.
* Measurement uncertainty: ± 2.5 dB (K = 2, 95 %)

H Aikawa

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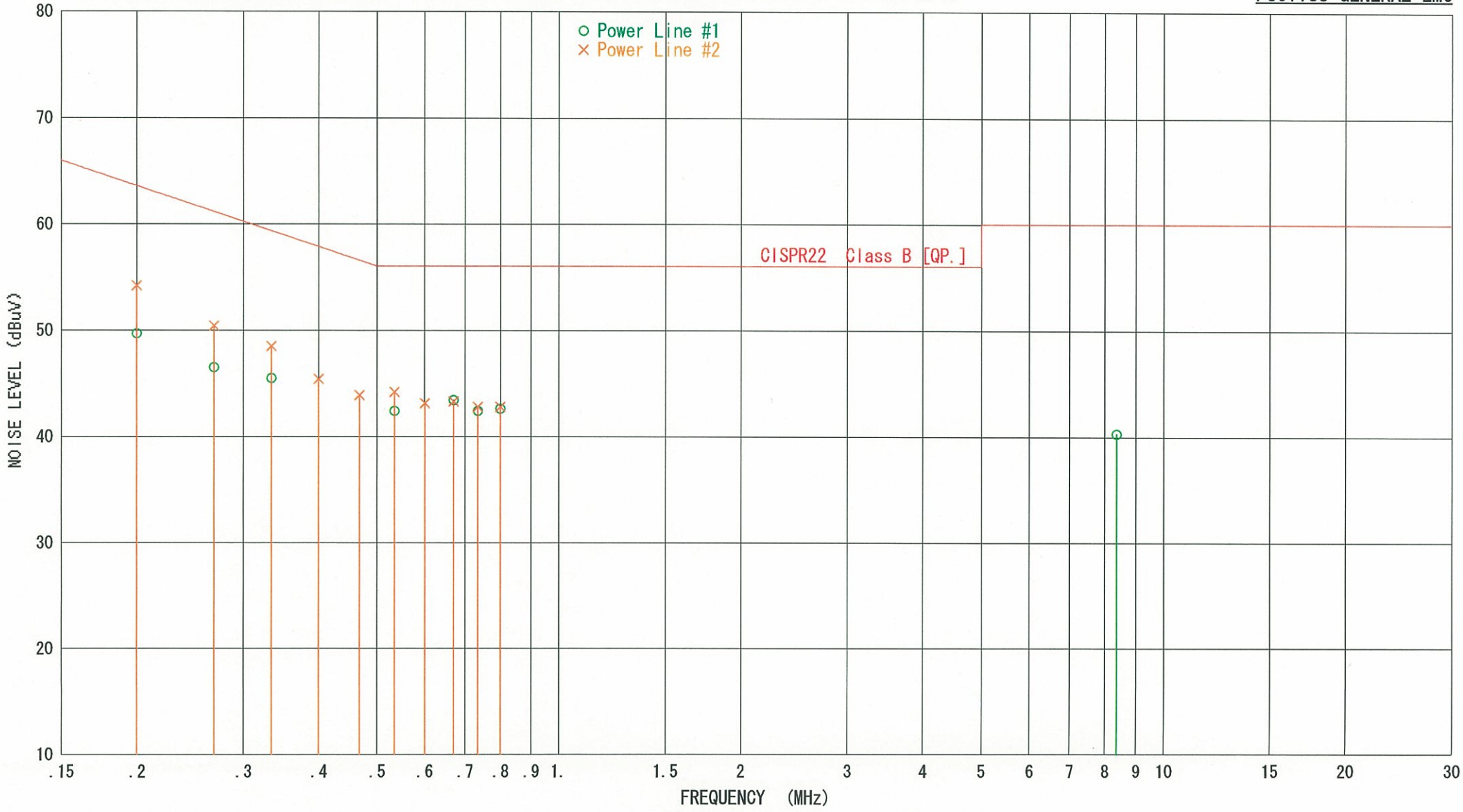
POWER LINE CONDUCTED EMISSION MEASUREMENT

-- Quasi-Peak Mode --

No: #05-051E-CE5 (2 / 2)

EUT Name: Personal computer TYPE: T4020 S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 120 VAC, Single phase
Test date: 2005/05/20 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber Assisted software: EMI measurement software of Version 1.3

FUJITSU GENERAL EMC



POWER LINE CONDUCTED EMISSION MEASUREMENT — AV Mode —

EUT Name: Personal computer Type: T4020
S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 120 VAC, Single phase
Test date: 2005/05/20 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber
Assisted software: EMI measurement software of Version 1.3

Freq. (MHz)	Line	Meter Reading (dBuV)	Corr. Factor (dB)	Noise Level (dBuV)	Limit (dBuV)	Margin (dB)
0.2000	# 1	32.0	6.8	38.8	53.6	14.8
0.2000	# 2	31.2	6.8	38.0	53.6	15.6
0.2687	# 1	35.4	6.6	42.0	51.2	9.2
0.2687	# 2	34.9	6.6	41.5	51.2	9.7
0.3345	# 1	35.1	6.4	41.5	49.3	7.8
0.3345	# 2	34.7	6.4	41.1	49.3	8.2
0.4000	# 2	28.3	6.3	34.6	47.9	13.3
0.4680	# 2	26.5	6.1	32.6	46.6	14.0
0.5364	# 1	33.3	6.0	39.3	46.0	6.7
0.5364	# 2	32.2	6.0	38.2	46.0	7.8
0.6010	# 2	28.8	6.0	34.8	46.0	11.2
0.6700	# 1	34.6	6.0	40.6	46.0	5.4
0.6700	# 2	33.2	6.0	39.2	46.0	6.8
0.7350	# 1	32.2	6.0	38.2	46.0	7.8
0.7350	# 2	31.8	6.0	37.8	46.0	8.2
0.8000	# 1	31.1	6.1	37.2	46.0	8.8
0.8000	# 2	30.3	6.1	36.4	46.0	9.6
8.3600	# 1	21.7	6.4	28.1	50.0	21.9

The emissions above 8.3600 MHz were below - 20 dB from limits.

* Corrected reading = meter reading + corr.factor(= AMN factor + 6-dB pad + cable loss)
* The limit of CISPR 22 is applied for FCC Part-15.
* Measurement uncertainty: ± 2.5 dB (K = 2, 95 %)

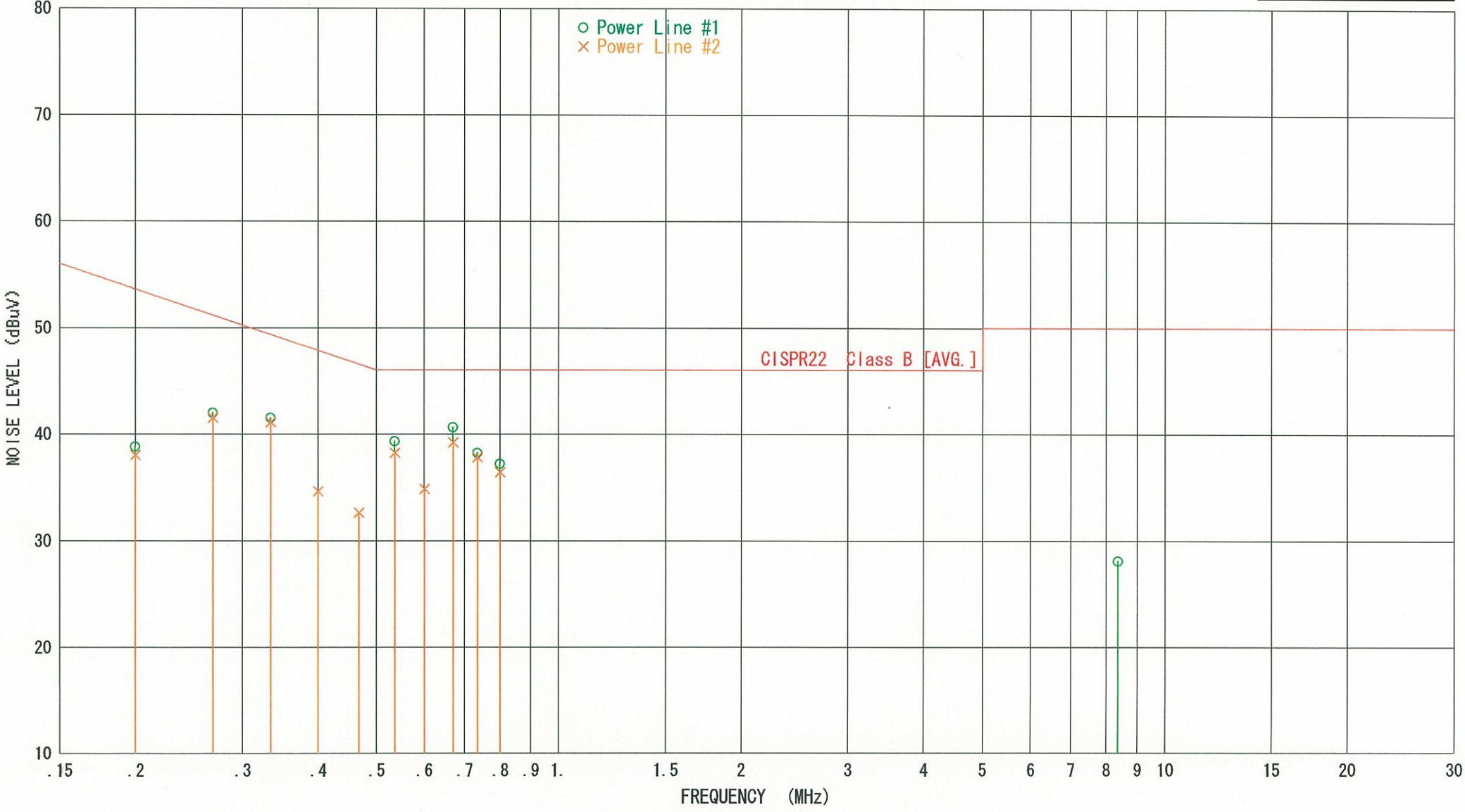
Tested by

POWER LINE CONDUCTED EMISSION MEASUREMENT -- AV Mode --

No: #05-051E-CE06 (2 / 2)

EUT Name: Personal computer TYPE: T4020 S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 120 VAC, Single phase
Test date: 2005/05/20 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber Assisted software: EMI measurement software of Version 1.3

FUJITSU GENERAL EMC



POWER LINE CONDUCTED EMISSION MEASUREMENT — Quasi-Peak Mode --

EUT Name: Personal computer Type: T4020
S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 230 VAC, Single phase
Test date: 2005/05/20 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber
Assisted software: EMI measurement software of Version 1.3

Freq. (MHz)	Line	Meter Reading (dBuV)	Corr. Factor (dB)	Noise Level (dBuV)	Limit (dBuV)	Margin (dB)
0.2000	# 1	43.6	6.8	50.4	53.6	3.2
0.2000	# 2	43.1	6.8	49.9	53.6	3.7
0.3000	# 1	40.6	6.5	47.1	50.2	3.1
0.3000	# 2	39.0	6.5	45.5	50.2	4.7
0.3800	# 1	35.8	6.3	42.1	48.3	6.2
0.3800	# 2	30.8	6.3	37.1	48.3	11.2
0.5000	# 1	31.4	6.0	37.4	46.0	8.6
0.5000	# 2	29.0	6.1	35.1	46.0	10.9
0.7250	# 1	27.5	6.0	33.5	46.0	12.5
0.7250	# 1	28.8	6.0	34.8	46.0	11.2
2.7700	# 1	30.1	6.2	36.3	46.0	9.7
2.7700	# 2	30.1	6.2	36.3	46.0	9.7
3.2000	# 1	27.7	6.2	33.9	46.0	12.1
4.2060	# 1	25.1	6.2	31.3	46.0	14.7
20.2000	# 1	31.2	7.0	38.2	50.0	11.8
20.2800	# 2	32.0	7.0	39.0	50.0	11.0

The emissions above 20.2800 MHz were below - 20 dB from limits.

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* Corrected reading = meter reading + corr.factor(= AMN factor + 6-dB pad + cable loss)
* The limit of CISPR 22 is applied for FCC Part-15.
* Measurement uncertainty: ± 2.5 dB (K = 2, 95 %)

H Aikawa

Tested by

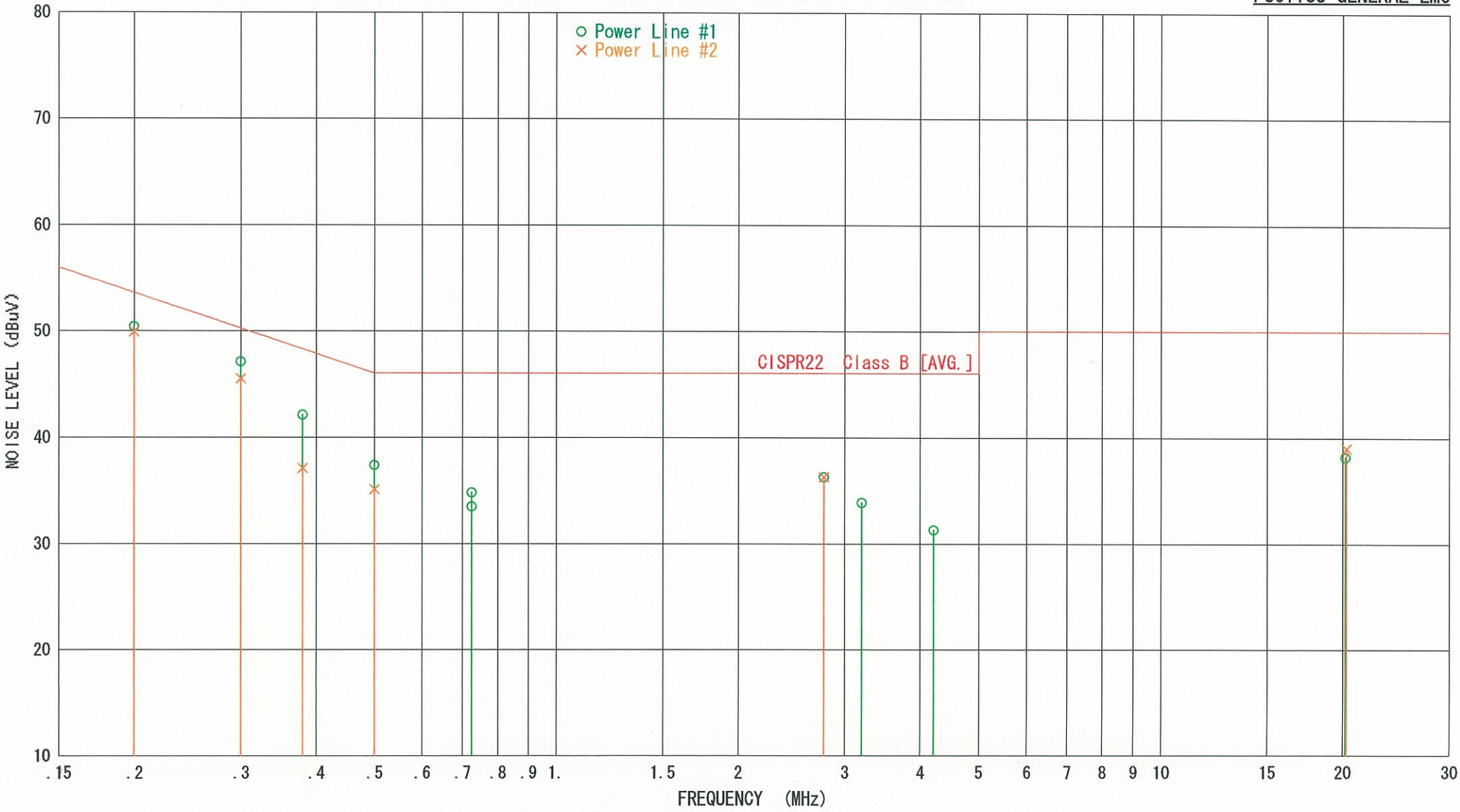
POWER LINE CONDUCTED EMISSION MEASUREMENT

-- Quasi-Peak Mode --

No: #05-051E-CE7 (2 / 2)

EUT Name: Personal computer TYPE: T4020 S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 230 VAC, Single phase
Test date: 2005/05/20 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber Assisted software: EMI measurement software of Version 1.3

FUJITSU GENERAL EMC



POWER LINE CONDUCTED EMISSION MEASUREMENT — Quasi-Peak Mode —

EUT Name: Personal computer Type: T4020
S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 230 VAC, Single phase
Test date: 2005/05/21 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber
Assisted software: EMI measurement software of Version 1.3

Freq. (MHz)	Line	Meter Reading (dBuV)	Corr. Factor (dB)	Noise Level (dBuV)	Limit (dBuV)	Margin (dB)
0.2000	# 1	48.7	6.8	55.5	63.6	8.1
0.2000	# 2	50.2	6.8	57.0	63.6	6.6
0.2687	# 1	42.8	6.6	49.4	61.2	11.8
0.2687	# 2	44.9	6.6	51.5	61.2	9.7
0.3344	# 1	38.6	6.4	45.0	59.3	14.3
0.3344	# 2	42.6	6.4	49.0	59.3	10.3
0.5344	# 1	37.4	6.0	43.4	56.0	12.6
0.5344	# 2	38.7	6.0	44.7	56.0	11.3
0.6010	# 2	37.3	6.0	43.3	56.0	12.7
0.6700	# 1	37.4	6.0	43.4	56.0	12.6
0.6700	# 2	37.9	6.0	43.9	56.0	12.1
0.7350	# 1	37.4	6.0	43.4	56.0	12.6
0.7350	# 2	38.4	6.0	44.4	56.0	11.6
0.8000	# 1	38.0	6.1	44.1	56.0	11.9
0.8000	# 2	39.0	6.1	45.1	56.0	10.9
0.8700	# 1	36.7	6.1	42.8	56.0	13.2
0.8700	# 2	37.0	6.1	43.1	56.0	12.9
8.5578	# 2	31.3	6.4	37.7	60.0	22.3

The emissions above 8.5578 MHz were below - 20 dB from limits.

* Corrected reading = meter reading + corr.factor(= AMN factor + 6-dB pad + cable loss)
* The limit of CISPR 22 is applied for FCC Part-15.
* Measurement uncertainty: ± 2.5 dB (K = 2, 95 %)

T. Tsukawa
Tested by

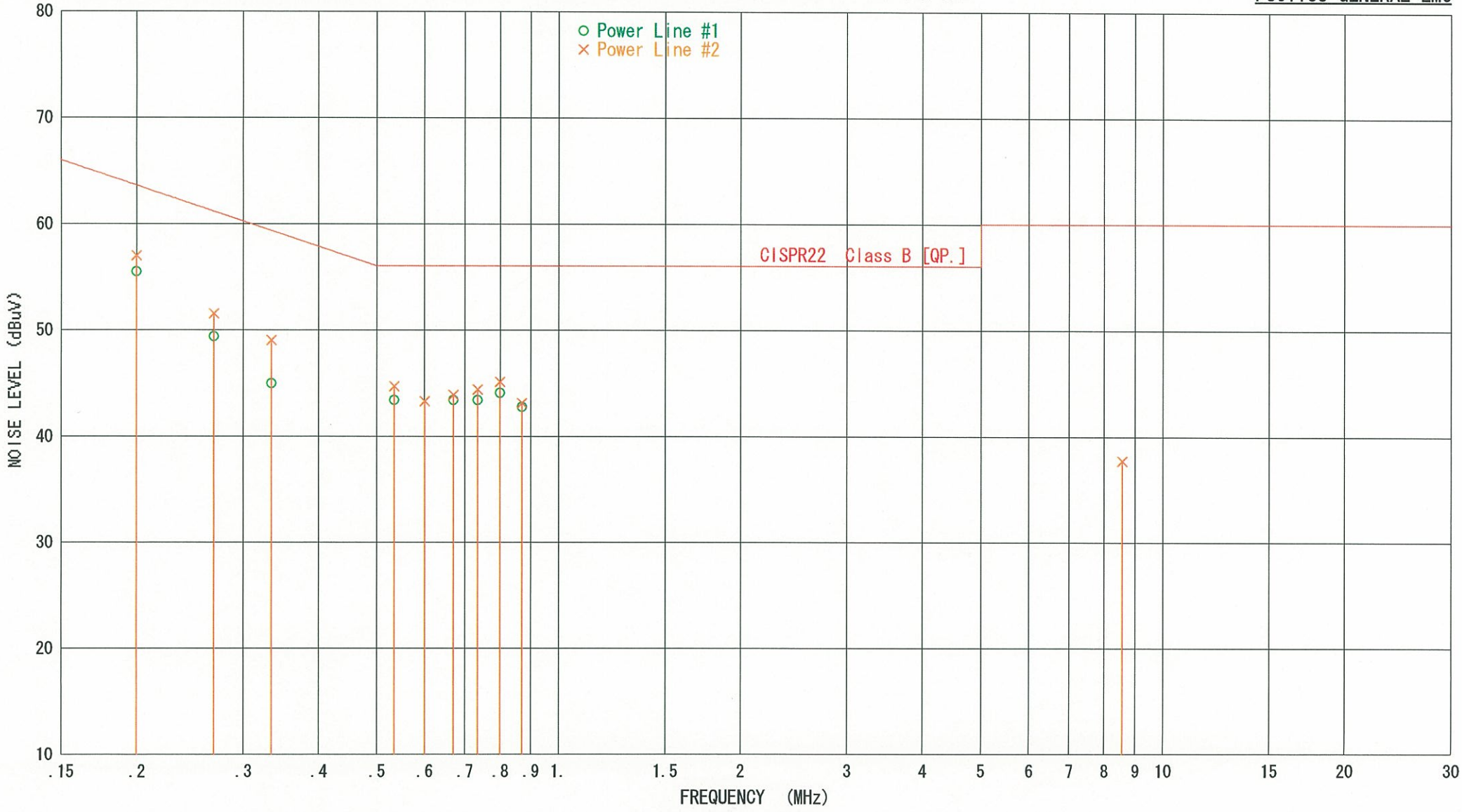
POWER LINE CONDUCTED EMISSION MEASUREMENT

-- Quasi-Peak Mode --

No: #05-051E-CE8 (2 / 2)

EUT Name: Personal computer TYPE: T4020 S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 230 VAC, Single phase
Test date: 2005/05/21 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber Assisted software: EMI measurement software of Version 1.3

FUJITSU GENERAL EMC



POWER LINE CONDUCTED EMISSION MEASUREMENT — AV Mode —

EUT Name: Personal computer Type: T4020
S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 230 VAC, Single phase
Test date: 2005/05/21 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber
Assisted software: EMI measurement software of Version 1.3

Freq. (MHz)	Line	Meter Reading (dBuV)	Corr. Factor (dB)	Noise Level (dBuV)	Limit (dBuV)	Margin (dB)
0.2000	# 1	40.5	6.8	47.3	53.6	6.3
0.2000	# 2	39.4	6.8	46.2	53.6	7.4
0.2687	# 1	37.1	6.6	43.7	51.2	7.5
0.2687	# 2	35.8	6.6	42.4	51.2	8.8
0.3344	# 1	34.7	6.4	41.1	49.3	8.2
0.3344	# 2	34.2	6.4	40.6	49.3	8.7
0.5344	# 1	34.9	6.0	40.9	46.0	5.1
0.5344	# 2	34.0	6.0	40.0	46.0	6.0
0.6010	# 2	31.4	6.0	37.4	46.0	8.6
0.6700	# 1	34.6	6.0	40.6	46.0	5.4
0.6700	# 2	33.7	6.0	39.7	46.0	6.3
0.7350	# 1	34.2	6.0	40.2	46.0	5.8
0.7350	# 2	33.8	6.0	39.8	46.0	6.2
0.8000	# 1	35.4	6.1	41.5	46.0	4.5
0.8000	# 2	35.0	6.1	41.1	46.0	4.9
0.8700	# 1	33.0	6.1	39.1	46.0	6.9
0.8700	# 2	33.2	6.1	39.3	46.0	6.7
8.5578	# 2	19.3	6.4	25.7	50.0	24.3

The emissions above 8.5578 MHz were below - 20 dB from limits.

* Corrected reading = meter reading + corr.factor(= AMN factor + 6-dB pad + cable loss)
* The limit of CISPR 22 is applied for FCC Part-15.
* Measurement uncertainty: ± 2.5 dB (K = 2, 95 %)

Tested by

POWER LINE CONDUCTED EMISSION MEASUREMENT -- AV Mode --

No: #05-051E-CE9 (2 / 2)

EUT Name: Personal computer TYPE: T4020 S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 230 VAC, Single phase
Test date: 2005/05/21 Temp: 23 ℃ R/H: 40 %
AMN: Kyoritsu KNW-407 S/N:8-823-18 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber Assisted software: EMI measurement software of Version 1.3

FUJITSU GENERAL EMC