Attachment 3: TEST REPORT

FG05_050EAL (PART 4)

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

EUT Name: Personal computer Type: ST5031
S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 100 VAC, Single phase
Test date: 2005/05/19 Temp: 23 ℃ R/H: 45 %
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)
0.1860	# 1	42.4	6.8	49.2	54.2	5.0
0.1860	# 2	41.6	6.8	48.4	54.2	5.8
0.2802	# 2	34.1	6.6	40.7	50.8	10.1
0.2954	# 1	35.7	6.5	42.2	50.4	8.2
0.5689	# 2	29.2	6.0	35.2	46.0	10.8
0.6491	# 1	29.6	6.0	35.6	46.0	10.4
2.0190	# 2	17.7	6.1	23.8	46.0	22.2
2.8770	# 1	19.6	6.2	25.8	46.0	20.2
4.0348	# 2	19.5	6.2	25.7	46.0	20.3
11.1871	# 2	25.9	6.5	32.4	50.0	17.6
11.4546	# 1	29.6	6.6	36.2	50.0	13.8
15.5811	# 2	26.6	6.7	33.3	50.0	16.7
15.6546	# 1	29.8	6.7	36.5	50.0	13.5
18.2421	# 2	22.1	6.9	29.0	50.0	21.0
18.3056	# 1	19.1	6.9	26.0	50.0	24.0
23.1290	# 1	23.1	7.2	30.3	50.0	19.7
23.1290	# 2	24.5	7.2	31.7	50.0	18.3
29.5816	# 2	20.4	7.7	28.1	50.0	21.9

The emissions above 29.5816 MHz were below - 20 dB from limits.

* Corrected reading = meter reading + corr.factor(= AMN factor + 6-dB pad + cable loss)

* Measurement uncertainty: ± 2.5 dB (K = 2, 95 %)

H. Shirasawa

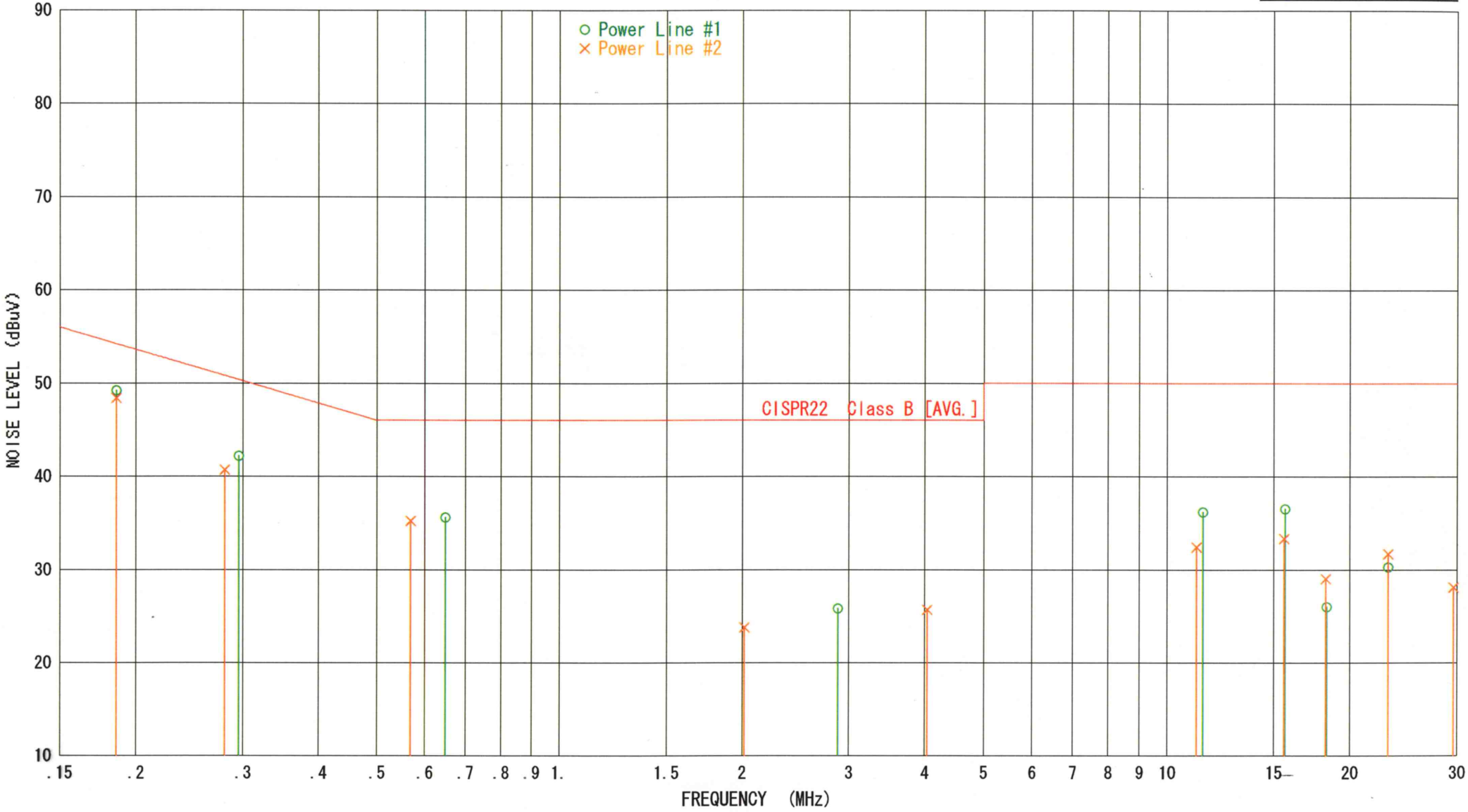
Tested by

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

No: #05-050E-CE1 (2 / 2)

EUT Name: Personal computer TYPE: ST5031 S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 100 VAC, Single phase
Test date: 2005/05/19 Temp: 23 ℃ R/H: 45 %
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: ST5031
S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 120 VAC, Single phase
Test date: 2005/05/19 Temp: 23 ℃ R/H: 45 %
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)
0.1971	# 1	42.2	6.8	49.0	53.7	4.7
0.1971	# 2	42.3	6.8	49.1	53.7	4.6
0.2693	# 1	34.7	6.6	41.3	51.1	9.8
0.2934	# 2	34.6	6.5	41.1	50.4	9.3
0.5000	# 1	30.3	6.0	36.3	46.0	9.7
0.5985	# 2	30.5	6.0	36.5	46.0	9.5
2.0567	# 1	18.0	6.1	24.1	46.0	21.9
4.1530	# 2	20.1	6.2	26.3	46.0	19.7
4.2581	# 1	18.1	6.3	24.4	46.0	21.6
9.9278	# 2	22.8	6.5	29.3	50.0	20.7
9.9970	# 1	23.3	6.5	29.8	50.0	20.2
11.2922	# 2	25.2	6.6	31.8	50.0	18.2
12.0494	# 1	26.4	6.6	33.0	50.0	17.0
15.5059	# 2	25.7	6.7	32.4	50.0	17.6
18.3040	# 1	20.1	6.9	27.0	50.0	23.0
18.3651	# 2	20.0	6.9	26.9	50.0	23.1
23.1285	# 1	22.9	7.2	30.1	50.0	19.9
23.1285	# 2	23.8	7.2	31.0	50.0	19.0
29.5820	# 2	20.9	7.7	28.6	50.0	21.4

The emissions above 29.5820 MHz were below - 20 dB from limits.

* Corrected reading = meter reading + corr.factor(= AMN factor + 6-dB pad + cable loss)

* Measurement uncertainty: ± 2.5 dB (K = 2, 95 %)

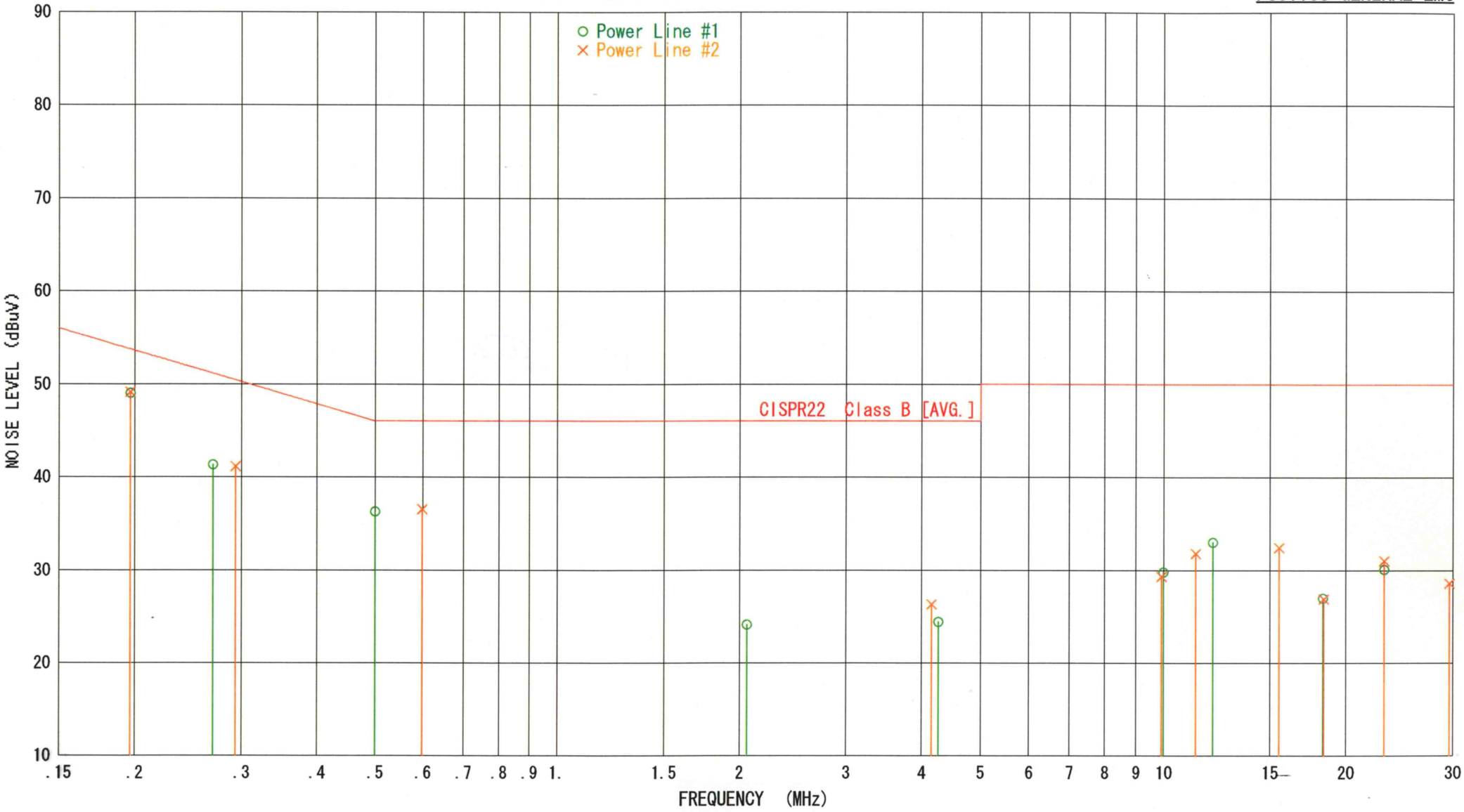
H. Shirasawa
Tested by

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

No: #05-050E-CE2 (2 / 2)

EUT Name: Personal computer TYPE: ST5031 S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 120 VAC, Single phase
Test date: 2005/05/19 Temp: 23 ℃ R/H: 45 %
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: ST5031
S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 230 VAC, Single phase
Test date: 2005/05/19 Temp: 23 ℃ R/H: 45 %
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)
0.1500	# 1	45.2	5.9	51.1	56.0	4.9
0.1500	# 2	43.1	5.9	49.0	56.0	7.0
0.2963	# 1	35.1	6.5	41.6	50.4	8.8
0.3685	# 1	32.0	6.3	38.3	48.5	10.2
0.3685	# 2	29.0	6.3	35.3	48.5	13.2
0.5168	# 2	29.6	6.0	35.6	46.0	10.4
0.6637	# 1	28.4	6.0	34.4	46.0	11.6
0.7377	# 1	27.1	6.0	33.1	46.0	12.9
0.7377	# 2	28.6	6.0	34.6	46.0	11.4
8.7184	# 1	24.8	6.4	31.2	50.0	18.8
8.7184	# 2	24.8	6.4	31.2	50.0	18.8
10.2732	# 1	27.4	6.5	33.9	50.0	16.1
10.9952	# 2	26.6	6.5	33.1	50.0	16.9
11.6777	# 2	26.5	6.6	33.1	50.0	16.9
11.8213	# 1	27.4	6.6	34.0	50.0	16.0
15.4505	# 2	20.7	6.7	27.4	50.0	22.6
23.0669	# 1	20.0	7.2	27.2	50.0	22.8
23.1282	# 2	25.6	7.2	32.8	50.0	17.2
29.5804	# 2	22.9	7.7	30.6	50.0	19.4

The emissions above 29.5804 MHz were below - 20 dB from limits.

* Corrected reading = meter reading + corr.factor(= AMN factor + 6-dB pad + cable loss)

* Measurement uncertainty: ± 2.5 dB (K = 2, 95 %)

H. Shirasawa
Tested by

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

No: #05-050E-CE3 (2 / 2)

EUT Name: Personal computer TYPE: ST5031 S/N: Pre-production sample
Limit: CISPR22 Class B Test voltage: 230 VAC, Single phase
Test date: 2005/05/19 Temp: 23 ℃ R/H: 45 %
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