Attachment 3: TEST REPORT

FG05_050EAL (PART 3)

RADIATED EMISSION MEASUREMENT (1GHz～6GHz)

EUT Name: Personal Computer Type: ST5031 S/N: Pre-production sample
Limit : FCC Part-15 Class B ; Measurement distance is 3 m
Test date: 2005/5/19 Temp: 23 ℃ R/H: 45 %
Antenna : Schwarzbeck BBHA9120D S/N:136
Receiver : Spectrum analyzer : Advantest R3371A S/N:75060396
Test site: 2nd semi-anechoic chamber

Freq. (GHz)	Pol.	Meter Reading (dBuV)	Corr. Factor (dB)	Noise Level (dBuV/m)	Limit Peak (dBuV/m)	Limit AV (dBuV/m)	Margin (dB)
1.0240	Horiz	42.8	-7.0	35.7	74.0	54.0	18.3
1.0440	Horiz	40.1	-6.9	33.1	74.0	54.0	20.9
1.0440	Vert	38.3	-6.9	31.4	74.0	54.0	22.6
1.1890	Vert	38.4	-6.3	32.2	74.0	54.0	21.8
1.1910	Horiz	38.6	-6.2	32.3	74.0	54.0	21.7
1.3330	Horiz	38.7	-5.6	33.2	74.0	54.0	20.8
1.5510	Horiz	42.4	-4.2	38.2	74.0	54.0	15.8
1.5510	Vert	37.1	-4.2	32.9	74.0	54.0	21.1
1.5890	Horiz	39.2	-3.8	35.4	74.0	54.0	18.6
1.6810	Horiz	39.5	-2.8	36.7	74.0	54.0	17.3
1.7100	Vert	35.6	-2.5	33.1	74.0	54.0	20.9
1.8540	Vert	35.8	-1.0	34.8	74.0	54.0	19.2
2.0700	Horiz	34.7	0.2	34.8	74.0	54.0	19.2
2.7660	Vert	32.7	-1.9	30.8	74.0	54.0	23.2
2.7830	Horiz	32.0	-1.9	30.1	74.0	54.0	23.9
2.6570	Vert	31.9	-2.1	29.8	74.0	54.0	24.2
3.1290	Vert	32.7	-1.7	31.0	74.0	54.0	23.0
3.2490	Horiz	33.1	-1.8	31.3	74.0	54.0	22.7
3.2570	Vert	33.8	-1.9	32.0	74.0	54.0	22.0

The emissions above 1.9530 GHz were below – 10 dB from limits.

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* Corrected reading: = meter reading + corr. factor (= antenna factor + cable loss – preamp gain)

H. Shirasawa

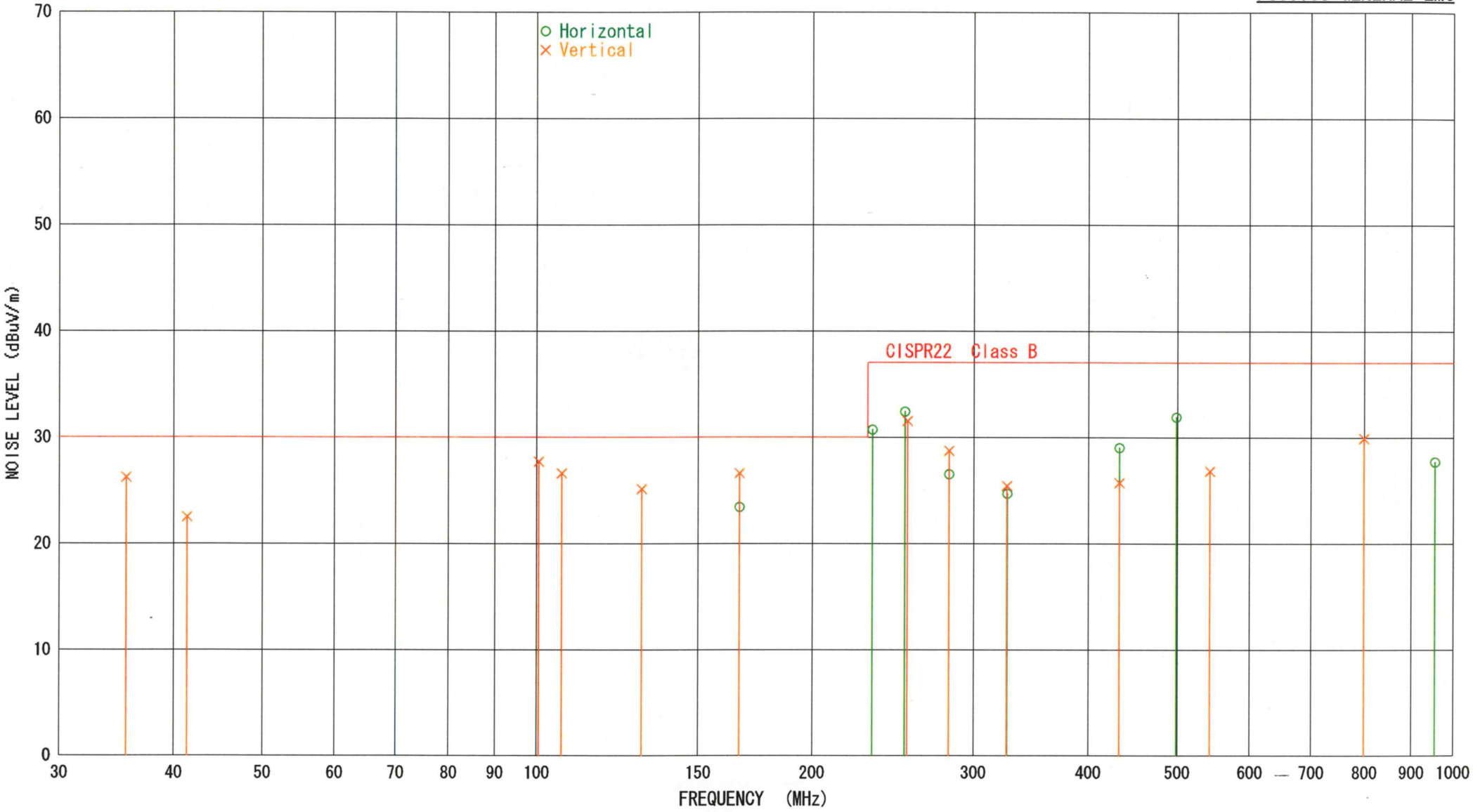
Tested by

RADIATED EMISSION MEASUREMENT -- Quasi-Peak Mode --

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

EUT Name: Personal computer TYPE: ST5031 S/N: Pre-production sample
Limit: CISPR22 Class B ; Measurement distance is 10 m
Test date: 2005/05/19 Temp: 23 ℃ R/H: 45 %
Antenna: SME Bi-log VULB9160 S/N:3118 Receiver: HP 85422E S/N:3746A00242
Test site: 2nd semianchoic chamber Assisted software: EMI measurement software of Version 1.3

FUJITSU GENERAL EMC



RADIATED EMISSION MEASUREMENT (1GHz～6GHz) --Peak Mode--

EUT Name: Personal computer Type: ST5030 S/N: Pre-production sample
Limit : FCC Part-15 Class B ; Measurement distance is 3 m
Test date: 2005/05/19 Temp: 23 ℃ R/H: 45 %
Antenna : Schwarzbeck BBHA9120D S/N:136
Receiver : Spectrum analyzer : Advantest R3371A S/N:75060396
Test site: 2nd semi-anechoic chamber

Freq. (GHz)	Pol.	Meter Reading (dBuV)	Corr. Factor (dB)	Noise Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1.0240	Horiz	42.8	-7.0	35.7	54.0	18.3
1.0440	Horiz	40.1	-6.9	33.1	54.0	20.9
1.0440	Vert	38.3	-6.9	31.4	54.0	22.6
1.1890	Vert	38.4	-6.3	32.2	54.0	21.8
1.1910	Horiz	38.6	-6.2	32.3	54.0	21.7
1.3330	Horiz	38.7	-5.6	33.2	54.0	20.8
1.5510	Horiz	42.4	-4.2	38.2	54.0	15.8
1.5510	Vert	37.1	-4.2	32.9	54.0	21.1
1.5890	Horiz	39.2	-3.8	35.4	54.0	18.6
1.6810	Horiz	39.5	-2.8	36.7	54.0	17.3
1.7100	Vert	35.6	-2.5	33.1	54.0	20.9
1.8540	Vert	35.8	-1.0	34.8	54.0	19.2
2.0700	Horiz	34.7	0.2	34.8	54.0	19.2
2.7660	Vert	32.7	-1.9	30.8	54.0	23.2
2.7830	Horiz	32.0	-1.9	30.1	54.0	23.9
2.6570	Vert	31.9	-2.1	29.8	54.0	24.2
3.1290	Vert	32.7	-1.7	31.0	54.0	23.0
3.2490	Horiz	33.1	-1.8	31.3	54.0	22.7
3.2570	Vert	33.8	-1.9	32.0	54.0	22.0

The emissions above 4.7700 GHz were below – 10 dB from limits.

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* Corrected reading: = meter reading + corr. factor (= antenna factor + cable loss – preamp gain)

H. Shirasawa

Tested by

RADIATED EMISSION MEASUREMENT (1-6GHz)

EUT Name: Personal computer Type: ST5031 S/N: Pre-production sample
LIMIT: FCC Part-15 Class B ; Measurement distance is 3 m
Test date: 2005/05/19 Temp: 23 ℃ R/H: 45 %
Antenna: Schwarzbeck BBHA9120D S/N:136 Spectrum analyzer: Advantest R3371A S/N:75060396
Test site: 2nd semianechoic chamber

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