

&lt;I P S Corporation&gt;

&lt;&lt;&lt; RADIATED EMISSION &gt;&gt;&gt;

Date/Time : 19 August, 1999 14:42

I P S EMC SITE

Model : KX-MC1PC

Standard : FCC Part15C

Serial No. : ES1001

Operator : T. YAMAGUCHI

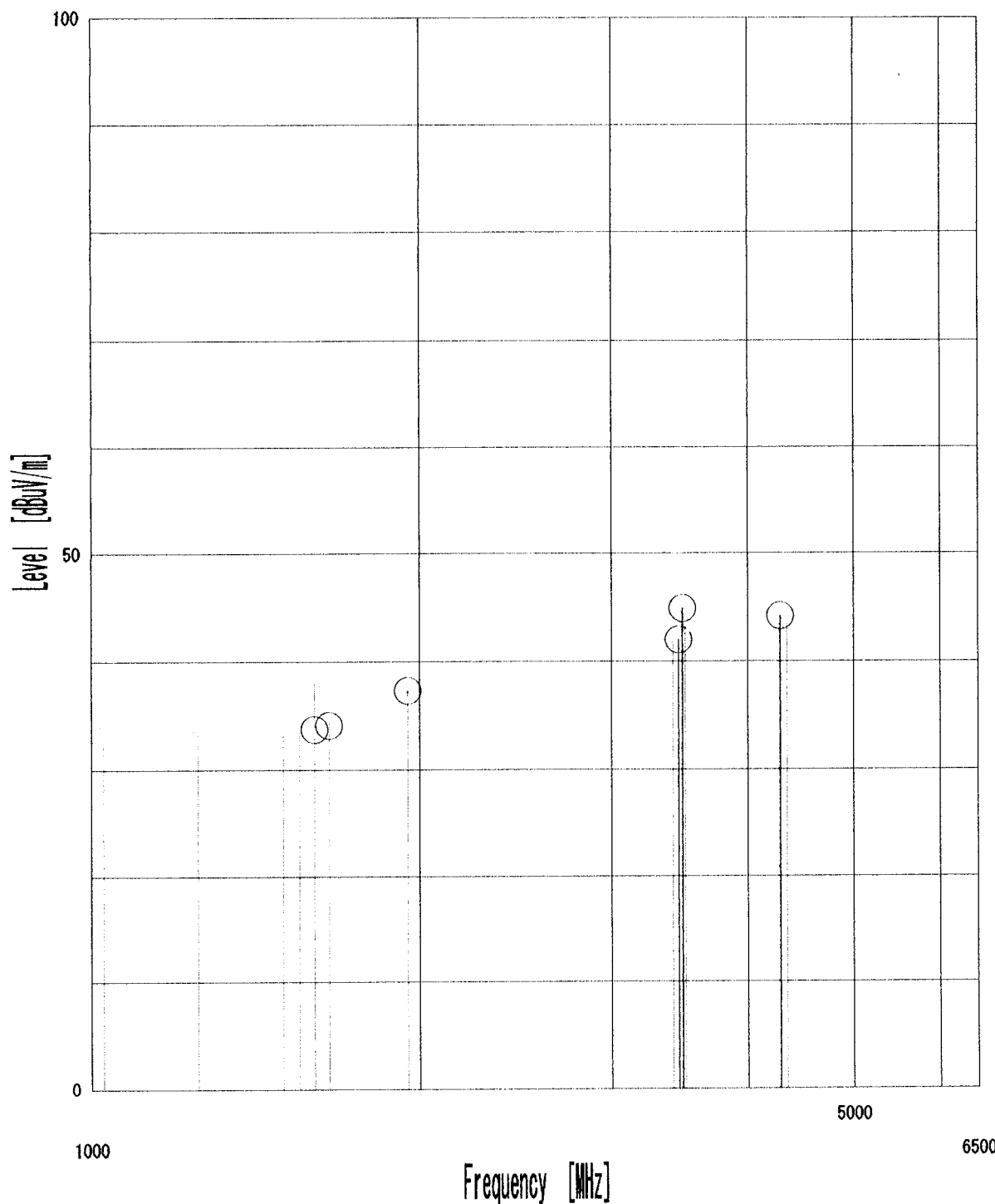
Remarks : EUT NAME : MicroCast

Theater Mode , ch=1 , f=5.755GHz

FILE No. : 009

*T. Yamaguchi*

&lt;peak&gt;



&lt;Limit Line&gt;

Limit

Limit:

FCC\_C

&lt;Data&gt;

O : Horizontal

X : Vertical

Model : KX-MC1PC  
 Serial No. : ES1001  
 Standard : FCC Part15C  
 Condition File : C210Gtk  
 Condition :  
 Remarks : EUT NAME : MicroCast  
 : Theater Mode , ch=2 , f=5.785GHz  
 : FILE No. : 012  
 AC Power : 120 V 60 Hz  
 Temperature : 24 deg.  
 Humidity : 58 %  
 Operator : T.YAMAGUCHI

*T. Yamaguchi*

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----- Spectrum Selection -----

- Horizontal Polarization -

| No. | Frequency<br>[MHz] | Reading<br>[dBuV] | c.f.<br>[dB] | Result<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] |
|-----|--------------------|-------------------|--------------|--------------------|-------------------|----------------|
| 1   | 1601.325           | 34.8              | -1.0         | 33.8               | 54.0              | 20.2           |
| 2   | 1651.724           | 33.9              | -0.4         | 33.5               | 54.0              | 20.5           |
| 3   | 1931.025           | 32.5              | 3.4          | 35.9               | 54.0              | 18.1           |
| 4   | 3429.974           | 33.0              | 8.6          | 41.6               | 54.0              | 12.4           |
| 5   | 3462.525           | 34.7              | 8.7          | 43.4               | 54.0              | 10.6           |
| 6   | 4279.824           | 32.7              | 10.5         | 43.2               | 54.0              | 10.8           |

- Vertical Polarization -

| No. | Frequency<br>[MHz] | Reading<br>[dBuV] | c.f.<br>[dB] | Result<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] |
|-----|--------------------|-------------------|--------------|--------------------|-------------------|----------------|
| 7   | 1025.878           | 36.5              | -1.5         | 35.0               | 54.0              | 19.0           |
| 8   | 1550.924           | 35.0              | -1.5         | 33.5               | 54.0              | 20.5           |
| 9   | 1601.325           | 37.9              | -1.0         | 36.9               | 54.0              | 17.1           |
| 10  | 1651.724           | 35.1              | -0.4         | 34.7               | 54.0              | 19.3           |
| 11  | 1931.025           | 32.8              | 3.4          | 36.2               | 54.0              | 17.8           |
| 12  | 3439.425           | 32.9              | 8.6          | 41.5               | 54.0              | 12.5           |
| 13  | 3471.974           | 34.6              | 8.7          | 43.3               | 54.0              | 10.7           |
| 14  | 3485.625           | 34.5              | 8.8          | 43.3               | 54.0              | 10.7           |
| 15  | 4270.375           | 32.4              | 10.5         | 42.9               | 54.0              | 11.1           |

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Date/Time : 19 August, 1999 16:01

I P S EMC SITE

Model : KX-MC1PC

Standard : FCC Part15C

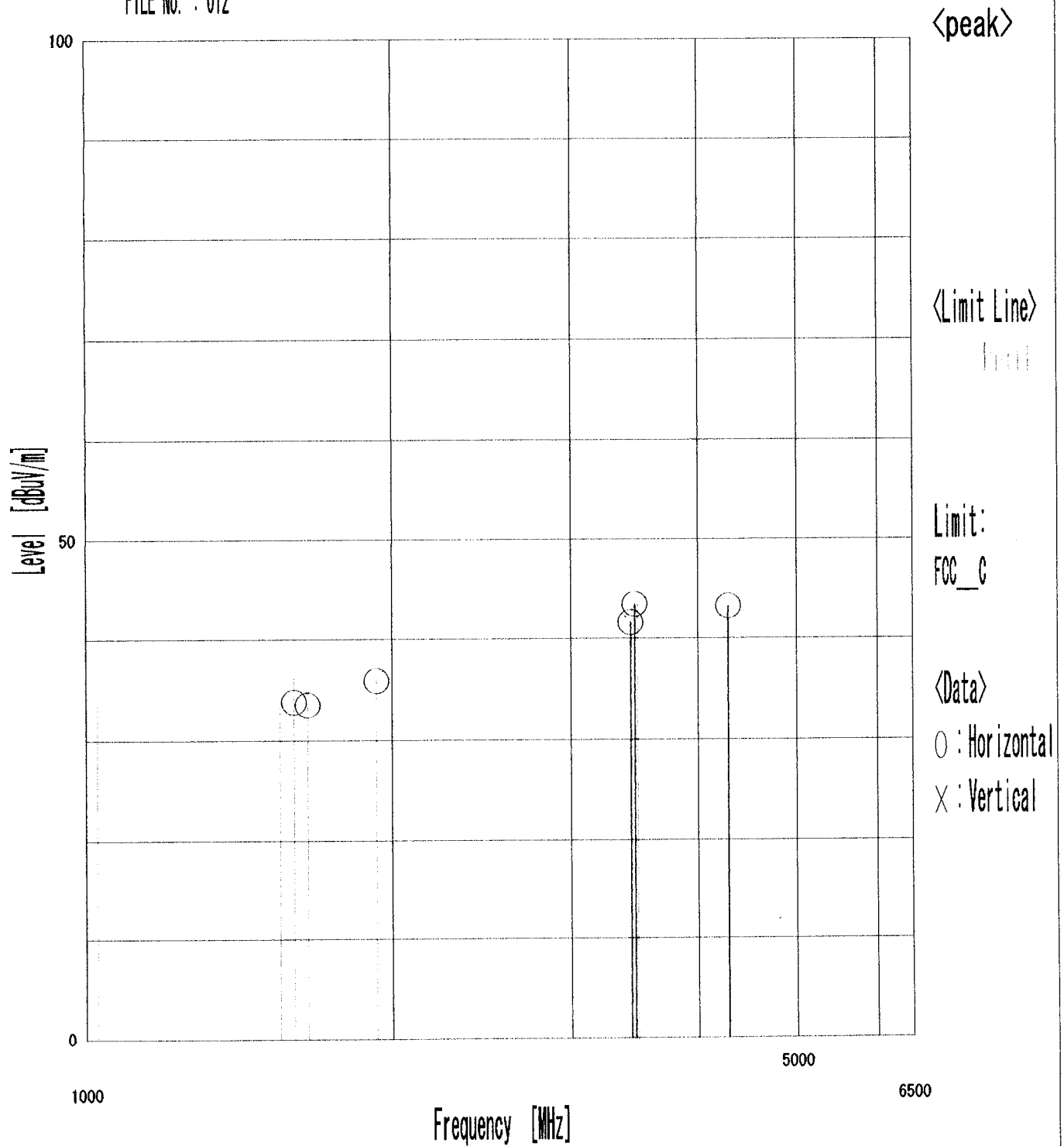
Serial No. : ES1001

Operator : T. YAMAGUCHI

Remarks : EUT NAME : MicroCast

Theater Mode, ch=2, f=5.785GHz

FILE No. : 012



\*\*\*\*\*<I P S Corporation>\*\*\*\*\*  
 <<< RADIATED EMISSION >>>

19 August, 1999 14:13  
 Page 1

Model : KX-MC1PC  
 Serial No. : ES1001  
 Standard : FCC Part15C  
 Condition File : C210Gtk  
 Condition :  
 Remarks : EUT NAME : MicroCast  
 : Theater Mode , ch=4 , f=5.845GHz  
 : FILE No. : 008  
 AC Power : 120 V 60 Hz  
 Temperature : 26 deg.  
 Humidity : 58 %  
 Operator : T.YAMAGUCHI

----- Spectrum Selection -----

- Horizontal Polarization -

| No. | Frequency<br>[MHz] | Reading<br>[dBuV] | c.f.<br>[dB] | Result<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] |
|-----|--------------------|-------------------|--------------|--------------------|-------------------|----------------|
| 1   | 1601.325           | 34.7              | -1.0         | 33.7               | 54.0              | 20.3           |
| 2   | 1651.724           | 34.5              | -0.4         | 34.1               | 54.0              | 19.9           |
| 3   | 1950.974           | 33.6              | 3.7          | 37.3               | 54.0              | 16.7           |
| 4   | 3453.074           | 33.3              | 8.7          | 42.0               | 54.0              | 12.0           |
| 5   | 3481.425           | 36.2              | 8.7          | 44.9               | 54.0              | 9.1            |
| 6   | 4280.875           | 33.7              | 10.5         | 44.2               | 54.0              | 9.8            |

- Vertical Polarization -

| No. | Frequency<br>[MHz] | Reading<br>[dBuV] | c.f.<br>[dB] | Result<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] |
|-----|--------------------|-------------------|--------------|--------------------|-------------------|----------------|
| 7   | 1025.878           | 35.1              | -1.5         | 33.6               | 54.0              | 20.4           |
| 8   | 1252.930           | 36.0              | -2.9         | 33.1               | 54.0              | 20.9           |
| 9   | 1498.189           | 35.0              | -1.9         | 33.1               | 54.0              | 20.9           |
| 10  | 1551.974           | 35.7              | -1.5         | 34.2               | 54.0              | 19.8           |
| 11  | 1601.325           | 39.2              | -1.0         | 38.2               | 54.0              | 15.8           |
| 12  | 1651.724           | 35.0              | -0.4         | 34.6               | 54.0              | 19.4           |
| 13  | 1950.974           | 33.4              | 3.7          | 37.1               | 54.0              | 16.9           |
| 14  | 3411.074           | 33.2              | 8.6          | 41.8               | 54.0              | 12.2           |
| 15  | 3471.974           | 35.9              | 8.7          | 44.6               | 54.0              | 9.4            |
| 16  | 3500.324           | 34.3              | 8.8          | 43.1               | 54.0              | 10.9           |
| 17  | 4269.324           | 32.9              | 10.5         | 43.4               | 54.0              | 10.6           |
| 18  | 4339.675           | 32.8              | 10.6         | 43.4               | 54.0              | 10.6           |

&lt;I P S Corporation&gt;

&lt;&lt;&lt; RADIATED EMISSION &gt;&gt;&gt;

Date/Time : 19 August, 1999 14:13

I P S EMC SITE

Model : KX-MC1PC

Standard : FCC Part15C

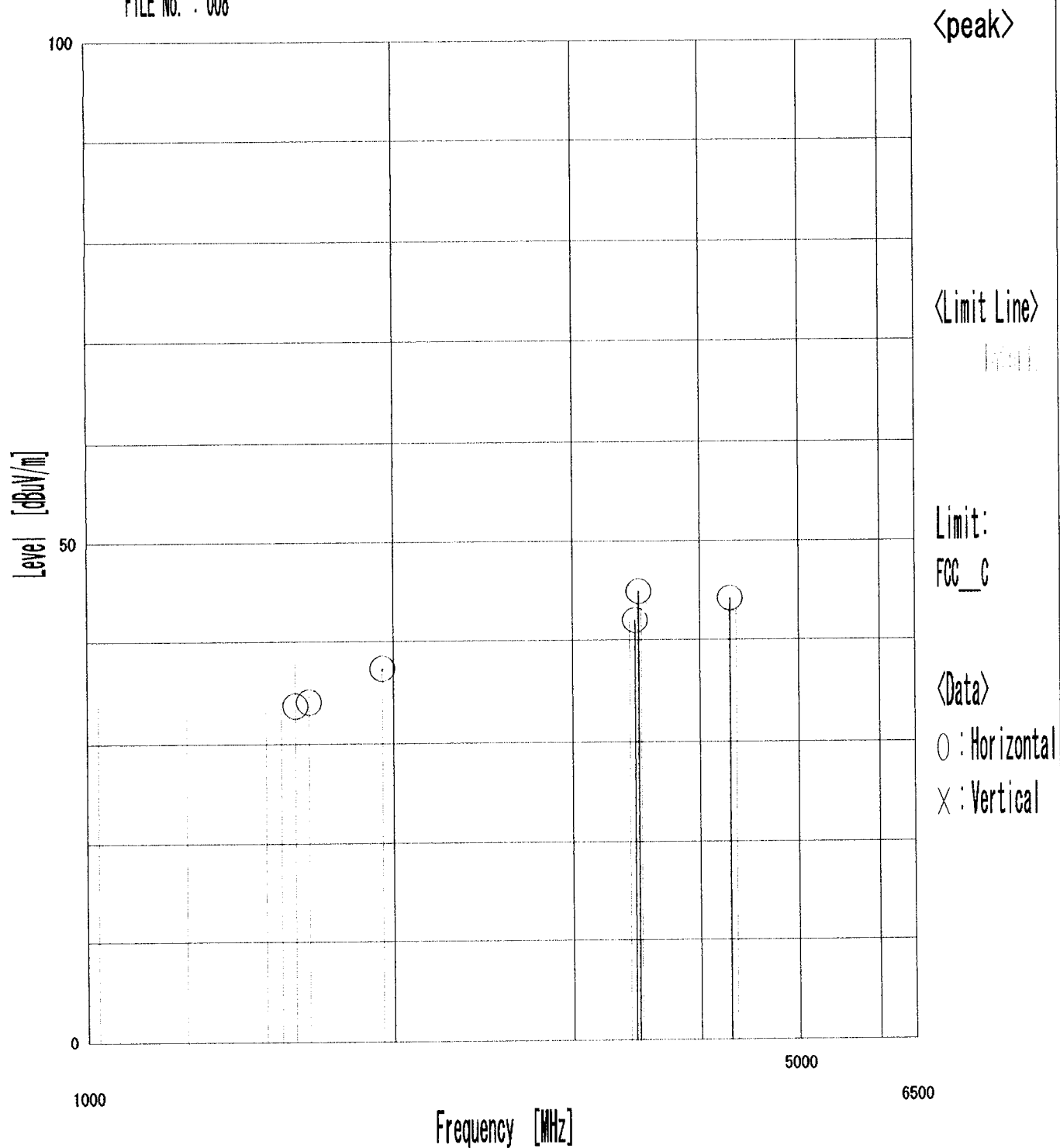
Serial No. : ES1001

Operator : T.YAMAGUCHI

Remarks : EUT NAME : MicroCast

Theater Mode , ch=4 , f=5.845GHz

FILE No. : 008



\*\*\*\*\* IPS Corporation \*\*\*\*\*  
 <<Magnetic Field Emission>>

20 August, 1999 20:36  
 99623M04. dat

Standard : FCC Part15C  
 Model : KX-MC1PC  
 S/N : ES1001  
 Product Name : MicroCast  
 File No : 004  
 Power Source : AC 120V / 60Hz  
 Temp/Humi : 24deg / 52%  
 Test Mode : PC Mode  
 Remarks : CH=1, f=5.755GHz  
 Operator : H. WAKABAYASHI

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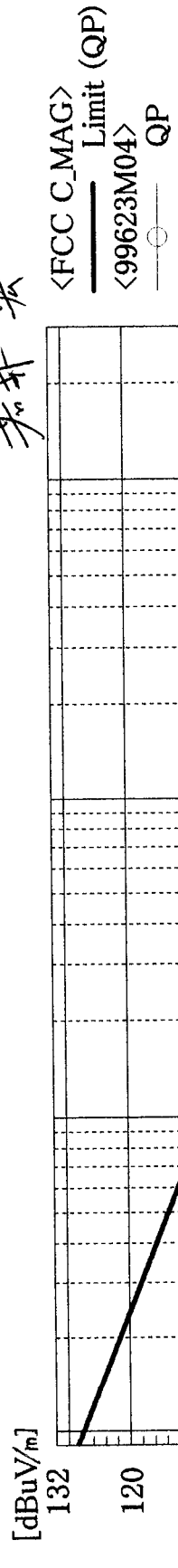
Final Result

| No. | Frequency | Reading  | c. f | Result   | Limit    | Margin |
|-----|-----------|----------|------|----------|----------|--------|
|     | [MHz]     | [dBuV/m] | [dB] | [dBuV/m] | [dBuV/m] | [dB]   |
| 1   | 0.038     | 69.0     | 20.9 | 89.9     | 116.0    | 26.1   |
| 2   | 0.151     | 53.8     | 21.0 | 74.8     | 104.0    | 29.2   |
| 3   | 0.525     | 38.2     | 20.6 | 58.8     | 73.2     | 14.4   |
| 4   | 0.563     | 39.4     | 20.6 | 60.0     | 72.6     | 12.6   |
| 5   | 0.601     | 35.9     | 20.6 | 56.5     | 72.0     | 15.5   |
| 6   | 1.167     | 21.3     | 20.5 | 41.8     | 66.2     | 24.4   |

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No : 004  
Power Source : AC 120V / 60Hz

Standard : FCC Part15C  
Temp/Humi : 24deg / 52%  
Test Mode : PC Mode  
Remarks : CH=1, f=5.755GHz  
Operator : H. WAKABAYASHI

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\*\*\*\*\* IPS Corporation \*\*\*\*\*  
 <<Magnetic Field Emission>>

20 August, 1999 21:11  
 99623M06. dat

Standard : FCC Part15C  
 Model : KX-MC1PC  
 S/N : ES1001  
 Product Name : MicroCast  
 File No : 006  
 Power Source : AC 120V / 60Hz  
 Temp/Humi : 24deg / 52%  
 Test Mode : PC Mode  
 Remarks : CH=2, f=5.785GHz  
 Operator : H. WAKABAYASHI

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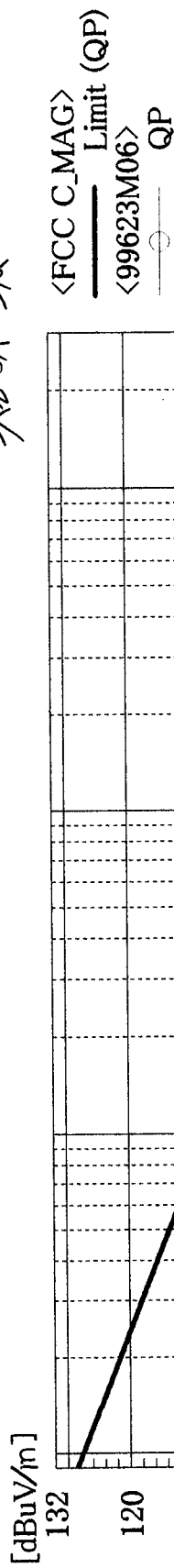
Final Result

| No. | Frequency | Reading  | c. f | Result   | Limit    | Margin |
|-----|-----------|----------|------|----------|----------|--------|
|     | [MHz]     | [dBuV/m] | [dB] | [dBuV/m] | [dBuV/m] | [dB]   |
| 1   | 0.038     | 69.5     | 20.9 | 90.4     | 116.0    | 25.6   |
| 2   | 0.151     | 54.3     | 21.0 | 75.3     | 104.0    | 28.7   |
| 3   | 0.526     | 38.7     | 20.6 | 59.3     | 73.2     | 13.9   |
| 4   | 0.564     | 40.0     | 20.6 | 60.6     | 72.6     | 12.0   |
| 5   | 0.601     | 36.4     | 20.6 | 57.0     | 72.0     | 15.0   |
| 6   | 1.166     | 22.1     | 20.5 | 42.6     | 66.2     | 23.6   |

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No : 006  
Power Source : AC 120V / 60Hz

Standard : FCC Part15C  
Temp/Humi : 24deg / 52%  
Test Mode : PC Mode  
Remarks : CH=2, f=5.785GHz  
Operator : H. WAKABAYASHI

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20 August, 1999 21:44  
 99623M08. dat

Standard : FCC Part15C  
 Model : KX-MC1PC  
 S/N : ES1001  
 Product Name : MicroCast  
 File No : 008  
 Power Source : AC 120V / 60Hz  
 Temp/Humi : 24deg / 52%  
 Test Mode : PC Mode  
 Remarks : CH=4, f=5.845GHz  
 Operator : H. WAKABAYASHI

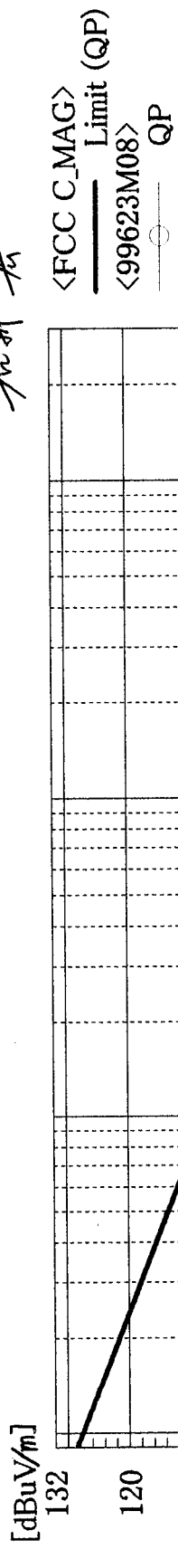
\*\*\*\*\*  
 Final Result

| No. | Frequency | Reading  | c. f | Result   | Limit    | Margin |
|-----|-----------|----------|------|----------|----------|--------|
|     | [MHz]     | [dBuV/m] | [dB] | [dBuV/m] | [dBuV/m] | [dB]   |
| 1   | 0.038     | 69.5     | 20.9 | 90.4     | 116.0    | 25.6   |
| 2   | 0.151     | 54.4     | 21.0 | 75.4     | 104.0    | 28.6   |
| 3   | 0.526     | 38.9     | 20.6 | 59.5     | 73.2     | 13.7   |
| 4   | 0.563     | 40.1     | 20.6 | 60.7     | 72.6     | 11.9   |
| 5   | 0.601     | 36.5     | 20.6 | 57.1     | 72.0     | 14.9   |
| 6   | 1.165     | 21.9     | 20.5 | 42.4     | 66.2     | 23.8   |

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No : 008  
Power Source : AC 120V / 60Hz

Standard : FCC Part15C  
Temp/Humi : 24deg / 52%  
Test Mode : PC Mode  
Remarks : CH=4, f=5.845GHz  
Operator : H. WAKABAYASHI

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20 August, 1999 20:51  
99623M05. dat

Standard : FCC Part15C  
Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No : 005  
Power Source : AC 120V / 60Hz  
Temp/Humi : 24deg / 52%  
Test Mode : Theater Mode  
Remarks : CH=1, f=5.755GHz  
Operator : H. WAKABAYASHI 若林 宏

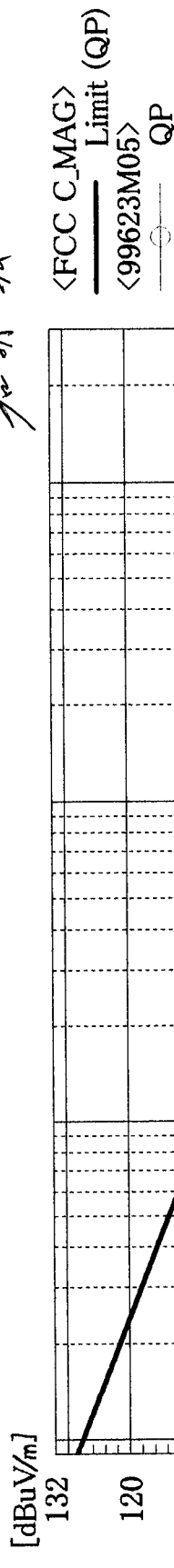
\*\*\*\*\*  
Final Result

| No. | Frequency | Reading  | c. f | Result   | Limit    | Margin |
|-----|-----------|----------|------|----------|----------|--------|
|     | [MHz]     | [dBuV/m] | [dB] | [dBuV/m] | [dBuV/m] | [dB]   |
| 1   | 0.038     | 69.7     | 20.9 | 90.6     | 116.0    | 25.4   |
| 2   | 0.151     | 53.9     | 21.0 | 74.9     | 104.0    | 29.1   |
| 3   | 0.526     | 38.6     | 20.6 | 59.2     | 73.2     | 14.0   |
| 4   | 0.563     | 39.8     | 20.6 | 60.4     | 72.6     | 12.2   |
| 5   | 0.601     | 36.3     | 20.6 | 56.9     | 72.0     | 15.1   |
| 6   | 1.165     | 22.2     | 20.5 | 42.7     | 66.2     | 23.5   |

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No : 005  
Power Source : AC 120V / 60Hz

Standard : FCC Part15C  
Temp/Humi : 24deg / 52%  
Test Mode : Theater Mode  
Remarks : CH=1, f=5.755GHz  
Operator : H. WAKABAYASHI

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\*\*\*\*\* IPS Corporation \*\*\*\*\*  
<<Magnetic Field Emission>>

20 August, 1999 21:28  
99623M07.dat

Standard : FCC Part15C  
Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No : 007  
Power Source : AC 120V / 60Hz  
Temp/Humi : 24deg / 52%  
Test Mode : Theater Mode  
Remarks : CH=2, f=5.785GHz  
Operator : H. WAKABAYASHI

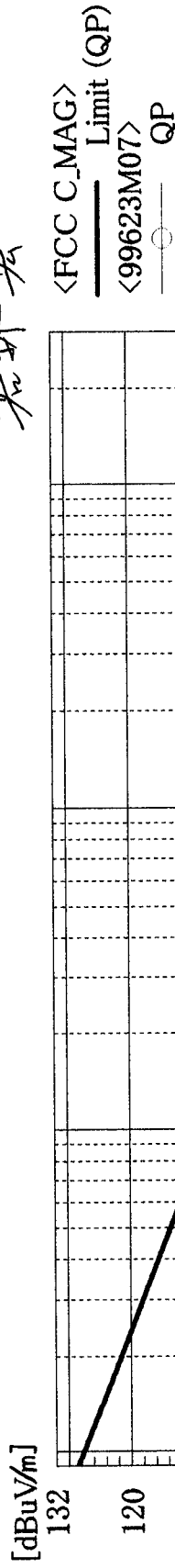
\*\*\*\*\*  
Final Result

| No. | Frequency | Reading  | c. f | Result   | Limit    | Margin |
|-----|-----------|----------|------|----------|----------|--------|
|     | [MHz]     | [dBuV/m] | [dB] | [dBuV/m] | [dBuV/m] | [dB]   |
| 1   | 0.038     | 69.3     | 20.9 | 90.2     | 116.0    | 25.8   |
| 2   | 0.151     | 54.4     | 21.0 | 75.4     | 104.0    | 28.6   |
| 3   | 0.525     | 38.6     | 20.6 | 59.2     | 73.2     | 14.0   |
| 4   | 0.563     | 39.7     | 20.6 | 60.3     | 72.6     | 12.3   |
| 5   | 0.601     | 36.6     | 20.6 | 57.2     | 72.0     | 14.8   |
| 6   | 1.166     | 22.3     | 20.5 | 42.8     | 66.2     | 23.4   |

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No : 007  
Power Source : AC 120V / 60Hz

Standard : FCC Part15C  
Temp/Humi : 24deg / 52%  
Test Mode : Theater Mode  
Remarks : CH=2, f=5.785GHz  
Operator : H. WAKABAYASHI

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20 August, 1999 22:01  
99623M09. dat

Standard : FCC Part15C  
Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No : 009  
Power Source : AC 120V / 60Hz  
Temp/Humi : 24deg / 52%  
Test Mode : Theater Mode  
Remarks : CH=4, f=5.845GHz  
Operator : H. WAKABAYASHI

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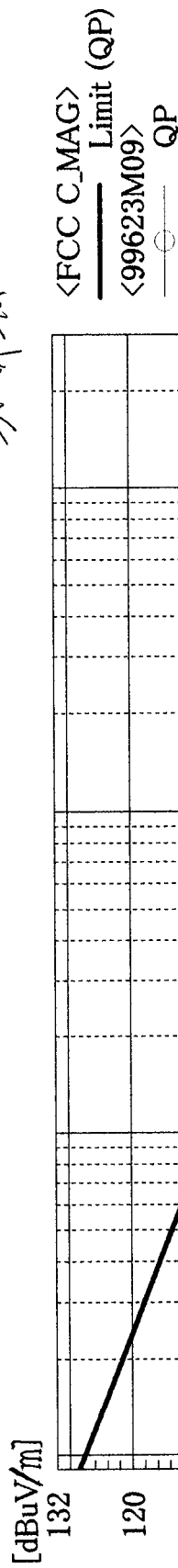
\*\*\*\*\*  
Final Result

| No. | Frequency | Reading  | c. f | Result   | Limit    | Margin |
|-----|-----------|----------|------|----------|----------|--------|
|     | [MHz]     | [dBuV/m] | [dB] | [dBuV/m] | [dBuV/m] | [dB]   |
| 1   | 0.075     | 61.3     | 21.0 | 82.3     | 110.1    | 27.8   |
| 2   | 0.151     | 54.6     | 21.0 | 75.6     | 104.0    | 28.4   |
| 3   | 0.526     | 38.8     | 20.6 | 59.4     | 73.2     | 13.8   |
| 4   | 0.563     | 40.2     | 20.6 | 60.8     | 72.6     | 11.8   |
| 5   | 0.601     | 36.7     | 20.6 | 57.3     | 72.0     | 14.7   |
| 6   | 1.165     | 22.2     | 20.5 | 42.7     | 66.2     | 23.5   |

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No : 009  
Power Source : AC 120V / 60Hz

Standard : FCC Part15C  
Temp/Humi : 24deg / 52%  
Test Mode : Theater Mode  
Remarks : CH=4, f=5.845GHz  
Operator : H. WAKABAYASHI

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## TEST CONDITION

CONDUCTED EMISSION TEST

The test setup was made according to ANSI STD C63.4-1992 clause 7 on a shielded room. The EUT, PC and peripherals were located on the non-conductive wooden table top. Rear of EUT shall be all aligned and flush with rear of this wooden table top. The height of this table was 0.8 m and 1.5 m wide x 1.0 m deep size. Rear of table top was 40 cm removed from a vertical wall of the shielded room. (conducting plane that is bonded to the floor ground plane) Spacing between the each equipment maintain 10 cm. The keyboard and Joy-Stick were flushed with front of table top and Mouse was flushed with back of keyboard. Connection of the EUT is located so that the distance between the boundary of the EUT and the closet surface of the artificial mains network is 0.8 m. Where a mains flexible cord is provided by the manufacture this is 1.9 m long and excess length of the EUT mains flexible cord was bundled to 0.8 m. Interconnecting cables of table top equipment were shortened to appropriate length on the table. The measurement has been conducted with both line and neutral power supply polarization. The highest voltage of the EUT has been recorded. By varying the configuration of the test sample and the cable routing it was attempted to maximize the voltage emission. For further description of the configuration refer to the pictures of this report.

Number of Channels Tested:

| Frequency Band  | Number of Channels | Channel Location    |
|-----------------|--------------------|---------------------|
| Less than 1MHz  | 1                  | Middle              |
| 1 - 10MHz       | 2                  | Top, Bottom         |
| More than 10MHz | 3                  | Top, Middle, Bottom |

List of the Instrumentation

## 4. Conducted Emission(450kHz-30MHz)

- 1) Equipment : Test Receiver  
 Model No : HP8546A  
 S/N : 3807A00432  
 Manufacture : Hewlett Packard  
 Frequency Range : 9 kHz to 6.9 GHz  
 System Bandwidth: 10 kHz  
 Detector : Quasi-Peak  
 Last Calibrate : 1998/12/09  
 Next Calibrate : 1999/12/09
  
- 2) Equipment : LISN for EUT  
 Model No : ESH2-Z5  
 S/N : 846953/003  
 Manufacture : Rhode & Schwarz  
 Frequency Range : 0.15 MHz to 30 MHz  
 RF Load : 50 ohm 50 micro henry  
 Last Calibrate : 1999/04/14  
 Next Calibrate : 2000/04/14

3) Equipment : LISN for Peripherals  
Model No : KNW-407  
S/N : 8-1420-14  
Manufacture : Kyoritsu  
Frequency Range : 0.15 MHz to 30 MHz  
RF Load : 50 ohm 50 micro henry  
Last Calibrate : 1999/04/14  
Next Calibrate : 2000/04/14

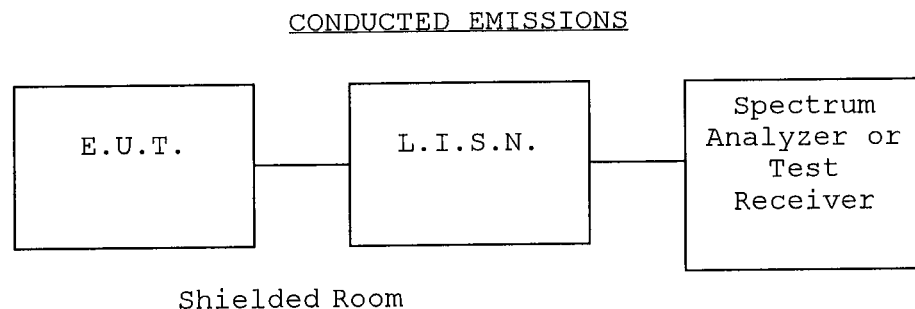
Page 69 of 82

4) Equipment : 50 ohm Terminator for Second LISN  
Model No : CT-10BP  
S/N : 211542  
Manufacture : Tamagawa Electronics  
Last Calibrate : 1999/08/28  
Next Calibrate : 1999/08/28

5) Equipment : Transient Limiter  
Model No : 11947A  
S/N : 3107A02621  
Manufacture : Hewlett Packard  
Last Calibrate : 1999/02/01  
Next Calibrate : 2000/02/01

6) Equipment : Cable System  
Consists of : Attenuator, Pre-Amplifier, Switch Unit and cable  
Manufacture : IPS Corporation  
Frequency Range : 0.15 MHz to 30 MHz  
Last Calibrate : 1999/02/01  
Next Calibrate : 2000/02/01

## BLOCK DIAGRAM



Configuration Photograph(s)  
[Conducted Emission]

Page 70 of 82



Front View



Rear View

19 August, 1999 09:31  
 99623C04.dat

Standard : FCC Part15C  
 Model : KX-MC1PC  
 S/N : ES1001  
 Product Name : MicroCast  
 File No. : 004  
 Power Source : AC 120 V / 60 Hz  
 Temp/Humi : 25deg / 56%  
 Test Mode : PC Mode  
 Remarks : 1ch, f=5.755GHz  
 Operator : H. WAKABAYASHI

\*\*\*\*\*  
 Final Result

--- N Phase ---

| No. | Frequency | Reading | c. f | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.548     | 6.4     | 10.2 | 16.6   | 48.0   | 31.4   |
| 2   | 16.131    | 22.2    | 10.8 | 33.0   | 48.0   | 15.0   |
| 3   | 17.898    | 19.7    | 10.8 | 30.5   | 48.0   | 17.5   |

--- L1 Phase ---

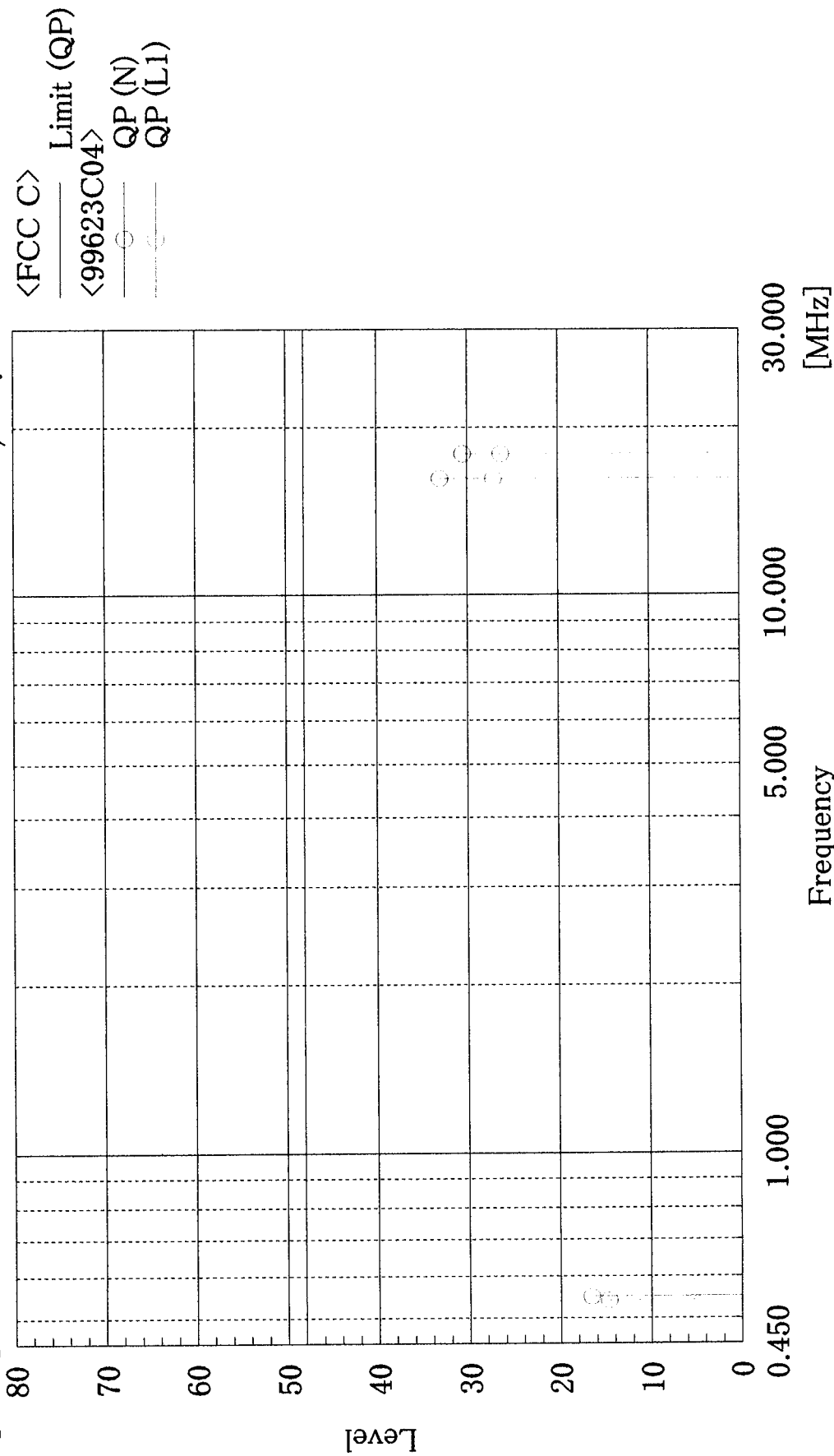
| No. | Frequency | Reading | c. f | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.539     | 4.5     | 10.2 | 14.7   | 48.0   | 33.3   |
| 2   | 16.132    | 16.1    | 11.0 | 27.1   | 48.0   | 20.9   |
| 3   | 17.899    | 15.2    | 11.1 | 26.3   | 48.0   | 21.7   |

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No. : 004  
Power Source : AC 120 V / 60 Hz

Standard : FCC Part15C  
Temp/Humi : 25deg / 56%  
Test Mode : PC Mode  
Remarks : 1ch, f=5.755GHz  
Operator : H. WAKABAYASHI

花井 宏

[dBuV]



19 August, 1999 10:31  
99623C06.dat

Standard : FCC Part15C  
Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No. : 006  
Power Source : AC 120 V / 60 Hz  
Temp/Humi : 25deg / 56%  
Test Mode : PC Mode  
Remarks : 2ch, f=5.785GHz  
Operator : H. WAKABAYASHI

*Handwritten signature*

\*\*\*\*\*  
Final Result

--- N Phase ---

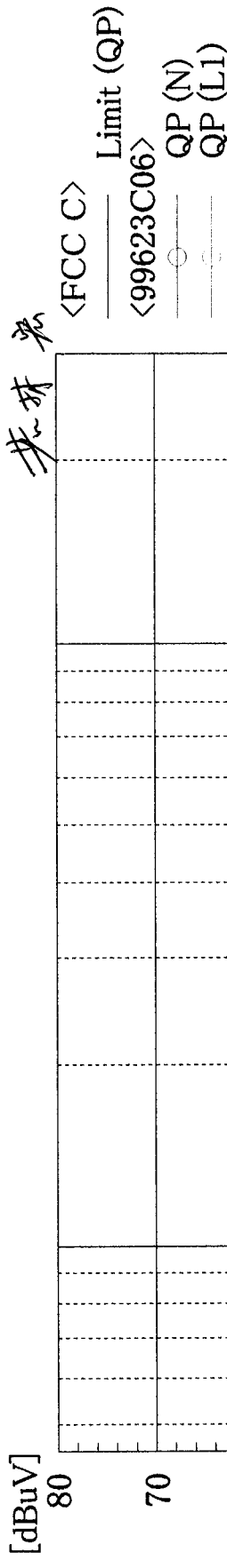
| No. | Frequency | Reading | c. f | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.450     | 11.7    | 10.2 | 21.9   | 48.0   | 26.1   |
| 2   | 16.131    | 21.6    | 10.8 | 32.4   | 48.0   | 15.6   |
| 3   | 17.898    | 20.5    | 10.8 | 31.3   | 48.0   | 16.7   |

--- L1 Phase ---

| No. | Frequency | Reading | c. f | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.451     | 5.9     | 10.2 | 16.1   | 48.0   | 31.9   |
| 2   | 16.131    | 15.9    | 11.0 | 26.9   | 48.0   | 21.1   |
| 3   | 17.897    | 15.8    | 11.1 | 26.9   | 48.0   | 21.1   |

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No. : 006  
Power Source : AC 120 V / 60 Hz

Standard : FCC Part15C  
Temp/Humi : 25deg / 56%  
Test Mode : PC Mode  
Remarks : 2ch, f=5.785GHz  
Operator : H. WAKABAYASHI



19 August, 1999 11:18  
 99623C08. dat

Standard : FCC Part15C  
 Model : KX-MC1PC  
 S/N : ES1001  
 Product Name : MicroCast  
 File No. : 008  
 Power Source : AC 120 V / 60 Hz  
 Temp/Humi : 25deg / 56%  
 Test Mode : PC Mode  
 Remarks : 4ch, f=5.845GHz  
 Operator : H. WAKABAYASHI 若井 宏

\*\*\*\*\*  
 Final Result

--- N Phase ---

| No. | Frequency | Reading | c. f | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.450     | 10.5    | 10.2 | 20.7   | 48.0   | 27.3   |
| 2   | 16.131    | 21.9    | 10.8 | 32.7   | 48.0   | 15.3   |
| 3   | 17.898    | 21.2    | 10.8 | 32.0   | 48.0   | 16.0   |

--- L1 Phase ---

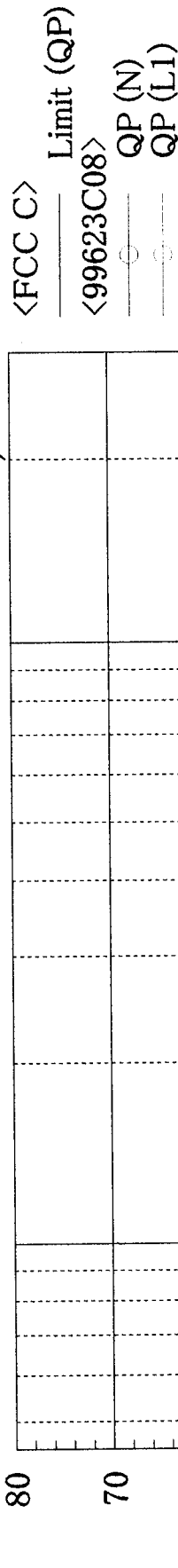
| No. | Frequency | Reading | c. f | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.450     | 6.1     | 10.2 | 16.3   | 48.0   | 31.7   |
| 2   | 16.132    | 16.5    | 11.0 | 27.5   | 48.0   | 20.5   |
| 3   | 17.898    | 16.5    | 11.1 | 27.6   | 48.0   | 20.4   |

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No. : 008  
Power Source : AC 120 V / 60 Hz

Standard : FCC Part15C  
Temp/Humi : 25deg / 56%  
Test Mode : PC Mode  
Remarks : 4ch, f=5.845GHz  
Operator : H. WAKABAYASHI

若林 宏

[dBuV]



\*\*\*\*\* IPS Corporation \*\*\*\*\*  
 <<Conducted Emission>>

19 August, 1999 10:07  
 99623C05.dat

Standard : FCC Part15C  
 Model : KX-MC1PC  
 S/N : ES1001  
 Product Name : MicroCast  
 File No. : 005  
 Power Source : AC 120 V / 60 Hz  
 Temp/Humi : 25deg / 56%  
 Test Mode : Theater Mode  
 Remarks : 1ch, f=5.755GHz  
 Operator : H. WAKABAYASHI

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Final Result

--- N Phase ---

| No. | Frequency | Reading | c. f | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.450     | 10.4    | 10.2 | 20.6   | 48.0   | 27.4   |
| 2   | 16.131    | 21.7    | 10.8 | 32.5   | 48.0   | 15.5   |
| 3   | 17.898    | 20.2    | 10.8 | 31.0   | 48.0   | 17.0   |

--- L1 Phase ---

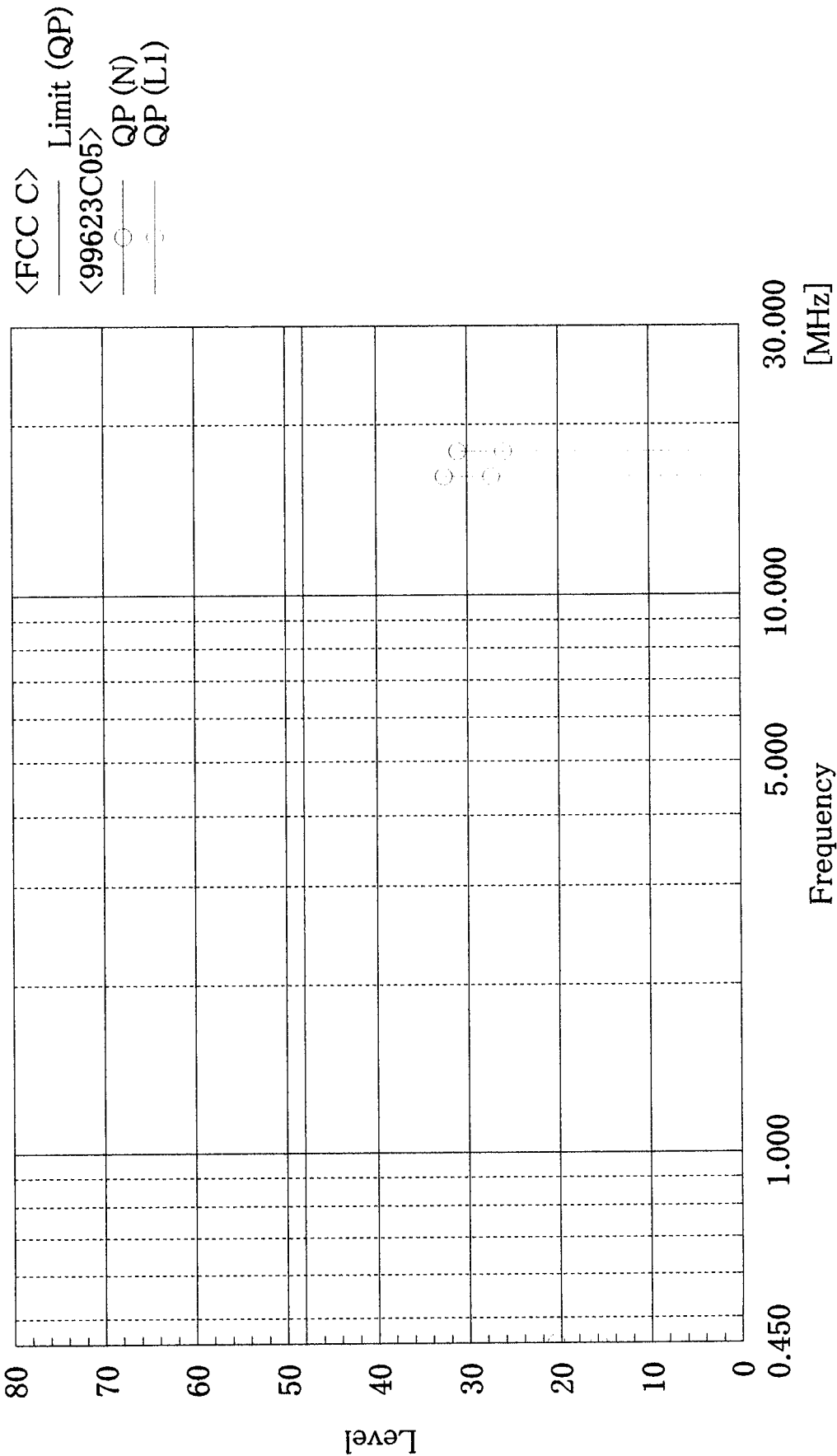
| No. | Frequency | Reading | c. f | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.450     | 5.7     | 10.2 | 15.9   | 48.0   | 32.1   |
| 2   | 16.131    | 16.3    | 11.0 | 27.3   | 48.0   | 20.7   |
| 3   | 17.898    | 14.9    | 11.1 | 26.0   | 48.0   | 22.0   |

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No. : 005  
Power Source : AC 120 V / 60 Hz

Standard : FCC Part15C  
Temp/Humi : 25deg / 56%  
Test Mode : Theater Mode  
Remarks : 1ch, f=5.755GHz  
Operator : H. WAKABAYASHI

花井 光

[dBuV]



19 August, 1999 10:58  
 99623C07.dat

Standard : FCC Part15C  
 Model : KX-MC1PC  
 S/N : ES1001  
 Product Name : MicroCast  
 File No. : 007  
 Power Source : AC 120 V / 60 Hz  
 Temp/Humi : 25deg / 56%  
 Test Mode : Theater Mode  
 Remarks : 2ch, f=5.785GHz  
 Operator : H. WAKABAYASHI

\*\*\*\*\*  
 Final Result

--- N Phase ---

| No. | Frequency | Reading | c.f  | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.450     | 11.2    | 10.2 | 21.4   | 48.0   | 26.6   |
| 2   | 16.131    | 22.2    | 10.8 | 33.0   | 48.0   | 15.0   |
| 3   | 17.898    | 20.9    | 10.8 | 31.7   | 48.0   | 16.3   |

--- L1 Phase ---

| No. | Frequency | Reading | c.f  | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.450     | 5.9     | 10.2 | 16.1   | 48.0   | 31.9   |
| 2   | 16.131    | 16.9    | 11.0 | 27.9   | 48.0   | 20.1   |
| 3   | 17.898    | 16.2    | 11.1 | 27.3   | 48.0   | 20.7   |

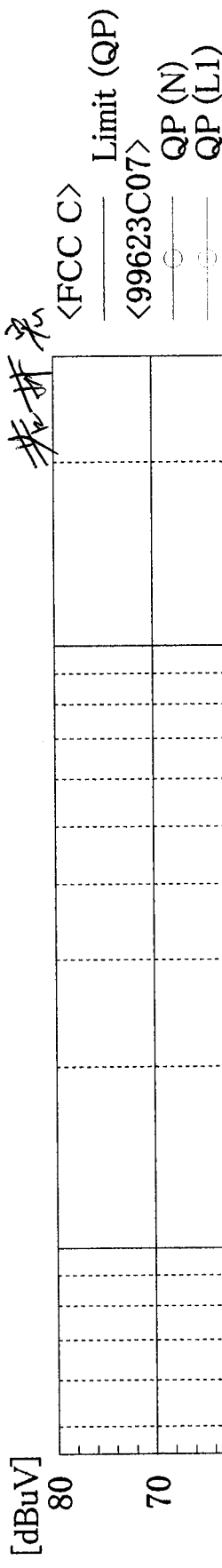
IPS Corporation  
EMC Center

<<Conducted Emission>>

19 August, 1999 10:58  
99623C07.dat

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No. : 007  
Power Source : AC 120 V / 60 Hz

Standard : FCC Part15C  
Temp/Humi : 25deg / 56%  
Test Mode : Theater Mode  
Remarks : 2ch, f=5.785GHz  
Operator : H. WAKABAYASHI



19 August, 1999 11:38  
 99623C09. dat

Standard : FCC Part15C  
 Model : KX-MC1PC  
 S/N : ES1001  
 Product Name : MicroCast  
 File No. : 009  
 Power Source : AC 120 V / 60 Hz  
 Temp/Humi : 25deg / 56%  
 Test Mode : Theater Mode  
 Remarks : 4ch, f=5.845GHz  
 Operator : H. WAKABAYASHI

\*\*\*\*\*  
 Final Result

--- N Phase ---

| No. | Frequency | Reading | c. f | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.462     | 11.2    | 10.2 | 21.4   | 48.0   | 26.6   |
| 2   | 16.131    | 22.4    | 10.8 | 33.2   | 48.0   | 14.8   |
| 3   | 17.899    | 21.0    | 10.8 | 31.8   | 48.0   | 16.2   |

--- L1 Phase ---

| No. | Frequency | Reading | c. f | Result | Limit  | Margin |
|-----|-----------|---------|------|--------|--------|--------|
|     | [MHz]     | [dBuV]  | [dB] | [dBuV] | [dBuV] | [dB]   |
| 1   | 0.474     | 5.1     | 10.2 | 15.3   | 48.0   | 32.7   |
| 2   | 16.131    | 16.7    | 11.0 | 27.7   | 48.0   | 20.3   |
| 3   | 17.898    | 16.2    | 11.1 | 27.3   | 48.0   | 20.7   |

Model : KX-MC1PC  
S/N : ES1001  
Product Name : MicroCast  
File No. : 009  
Power Source : AC 120 V / 60 Hz

Standard : FCC Part15C  
Temp/Humi : 25deg / 56%  
Test Mode : Theater Mode  
Remarks : 4ch, f=5.845GHz  
Operator : H. WAKABAYASHI

