

EMC TEST REPORT

for

WACOM Co., Ltd.

2-510-1 Toyonodai, Otone-machi, Kitasaitama-gun, Saitama 349-1148, Japan

Equipment Under Test:

Digitizer

Model Name:

PTZ-631W

Category:

FCC Part 15 Sub.part B Class B Digital Device

FCC Part 15 Sub.part C

FCC ID:

HV4PTZ

Tokin Report No.:

T6M058111

Date of Issue:

September 9, 2005

Approved by

Mickey Fukuda

Manager, Tsukuba Testing Lab.

Tokin EMC Engineering Co., Ltd.

-- ATTENTION --

The test results in this report relate only to the following EUTs, and this report shall not be reproduced except in full, without the written approval of the laboratory. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.



NVLAP Lab. Code: 200221-0





Contents

| | | Page |
|---|--|---------|
| 1 | DESCRIPTION OF DEVICE | 3 ~ 4 |
| 2 | TEST FACILITY | 5 |
| 3 | SUMMARY OF RESULTS | |
| | 3.1 Electromagnetic Emission | 5 |
| | 3.2 Modification to The EUT | 5 |
| 4 | TESTED SYSTEM DETAILS | |
| | 4.1 Peripherals and Others | 6 |
| | 4.2 Type of Used Cables | 6 |
| | Figure 4-1 System Configuration Diagram | 7 |
| 5 | TECHNICAL COUNTERMEASURE | 7 |
| 6 | TEST RESULTS | |
| | 6.1 RFI Voltage Measurement | |
| | 6.1.1 Measurement Instrumentation Used | 8 |
| | 6.1.2 Measurement Procedure | 8 |
| | 6.1.3 Deviation from the specification | 8 |
| | 6.1.4 Measurement Uncertainty | 8 |
| | 6.1.5 Test Data | 9 ~ 1 |
| | 6.2 RFI Field Strength Measurement | |
| | 6.2.1 Measurement Instrumentation Used | 12 |
| | 6.2.2 Measurement Procedure | 13 |
| | 6.2.3 Deviation from the specification | 13 |
| | 6.2.4 Measurement Uncertainty | 13 |
| | 6.2.5 Test Data | 14 ~ 17 |
| | 6.3 Minimum Margin | 18 |
| | 6.4 Sample Calculation | 18 |
| 7 | MEASUREMENT PHOTOS | |
| | Photo 7.1 Setup with the Maximized RFI Voltage Emission Level | 19 |
| | Photo 7.2 Setup with the Maximized RFI Field Strength Emission Level | 20 |



1 DESCRIPTION OF DEVICE

A) Kind of Equipment:

Digitizer

B) FCC ID:

HV4PTZ

C) Model Name:

PTZ-631W

* The differences between last time and this time are as follows.

| | This time | | | |
|---------------------|--------------|--------------|--------------|----------------|
| Test Report No. | | T6M058111 | | |
| Model Name | PTZ-430 | PTZ-631W | | |
| Size (mm) | 238.5*217*13 | 345*261.5*13 | 439.5*340*14 | 471.6*262.0*14 |
| Active area (mm) | 127.0*101.6 | 203.2*152.4 | 304.8*228.6 | 271.0*158.8 |
| Weight (g) | 600 | 1000 | 1800 | 1400 |
| Number of Touch Pad | 1 | 2 | 2 | 2 |

The Touch Pads of these 4 models are using the same parts completely and the number to be using by the model is different.

D) Serial No.:

None

E) Type of Sample Tested:

Pre-production

F) Dimension:

Width 471.6 mm × Depth 262.0 mm × Height 14.0 mm

G) High Frequency Used:

667kHz (Communication between a device and a tablet)

12MHz (CPU clock) 16MHz (Gatearray clock)

8MHz (Touch Pad)

H) Rating Power Supply:

DC5V, 300mA

I) Tested Power Supply:

DC5V (EUT)

1phase AC120V, 60Hz (PC)

J) Date of Manufacture:

Danci

July 2005

K) Manufacturer:

WACOM Co., Ltd.

2-510-1 Toyonodai, Otone-machi, Kitasaitama-gun,

Saitama 349-1148, Japan

Report processed by

Tested by

Jiro Murata, Engineer



L) Options:

Using Devices: ZP-130 (Ink Pen)

ZP-300E (Classic Pen) ZP-400E (Airbrush) ZP-501E (Grip Pen) ZP-600 (Maker Pen) ZC-100 (2D Mouse)

- Digitizer has an USB I/F cable and is connected by PC and USB
- As a device which can be used on digitizer, there are Grip-pen, Ink pen, Classic pen, Airbrush, Maker pen and 2D mouse.
- The device of these cannot be simultaneously used on two or more and the same digitizer.
- M) Description of Operating:

Device detection state

Test system (EUT + option):

- 1. PTZ-631W + ZP-130
- 2. PTZ-631W + ZP-300E
- 3. PTZ-631W + ZP-400E
- 4. PTZ-631W + ZP-501E
- 5. PTZ-631W + ZP-600
- 6. PTZ-631W + ZC-100
- * It was tested each test system (EUT + option) separately, and the results of worst case were obtained. The test systems of worst results that issued data on this test report are as follows.

RFI Voltage Measurement: PTZ-631W + ZP-501E RFI Field Strength Measurement: PTZ-631W + ZP-600

N) Date of Sample Received:

2001

August 8, 2005

O) Tested Engineer:

Jiro Murata

Report processed by

Hiroko Nakamura 09/Sep./2005 Tested by



2 TEST FACILITY

The open field test site and conducted measurement facility are used for these testing, where are located following address. This site's FCC Test firm registration number: 91021. This laboratory is accredited by NVLAP for NVLAP Lab. Code: 200221-0.

Tokin EMC Engineering Co., Ltd.
Tsukuba Testing Laboratory, Open Field Test Site No.6 and Shielded Room No.2

Address; 28-1, Kitahara, Hanashimashinden, Tsukuba-city, Ibaraki 305-0875, Japan

3 SUMMARY OF RESULTS

3.1 Electromagnetic Emission

| RFI Voltage Measurement | PASS |
|----------------------------|-----------|
| RFI Field Strength Measure | ementPASS |

Although the measured emissions indicate that the EUT complies with the required limits, some measurements are close to these limits. When the uncertainty of measurement is considered, there is some possibility that the EUT may not be compliant.

Test results are traceable to JQA and NML/CSIRO.

3.2 Modifications to The EUT

This EUT was taken countermeasures.

Report processed by

Hiroko Nakamura 09/Sep./2005 Tested by





4 TESTED SYSTEM DETAILS

4.1 Peripherals and Others:

| Description | Model Name | Serial No. | Manufacturer | FCC ID |
|------------------------|---------------------|---------------------|--------------|------------|
| PC | Presario SR1000 | CNN5250F4B | COMPAQ | DoC |
| Monitor | 570STFT | CN15H1ER81369 0A | SAMSUNG | DoC |
| AC Adapter for Monitor | PSCV360104A | C010801969 | SAMSUNG | |
| Modem | 1414 | 970024524 | ACEEX | IFAXDM1414 |
| AC Adapter for Modem | SCP41-91000A | | ACEEX | |
| Printer | EPSON STYLUS C60 | DR3K019970 | EPSON | DoC |
| Keyboard | SK-8100 | | DELL | DoC |
| Mouse | IntelliMouse 1.3A | | DELL | DoC |

4.2 Type of Used Cables:

| Description | Length | Type of shield | Model name | Manufacturer |
|-------------------------------|--------|----------------|------------|--------------|
| PC AC Cable | 1.8m | Non-shielded | | |
| Monitor AC Cable | 2.0m | Non-shielded | | |
| Modem DC Cable | 1.8m | Non-shielded | | |
| Printer AC Cable | 1.8m | Non-shielded | | |
| Monitor I/F Cable | 1.8m | Shielded | | |
| (PC ~ Monitor) | | | | |
| Serial Cable (PC ~ Modem) | 1.8m | Shielded | | |
| Parallel Cable (PC ~ Printer) | 1.8m | Shielded | | |
| Keyboard Cable | 1.8m | Non-shielded | | |
| (PC ~ Keyboard) | | | | |
| Mouse Cable (PC ~ Mouse) | 1.8m | Non-shielded | | |
| USB Cable (EUT ~ PC) | 2.5m | Shielded | | TOP CHARGER |
| | | | | ENTERPRISE |
| | | | | CO., LTD. |

Report processed by

Hiroko Nakamura 09/Sep./2005 Tested by



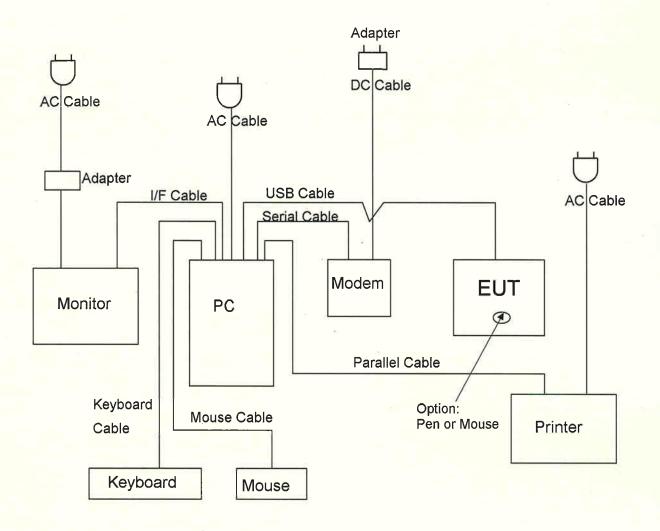


Figure 4-1 System Configuration Diagram

5 TECHINICAL COUNTERMEASURE

5-1 Inserted a ferrite core (Model: F6RH6.4×10×3.2, Manufacturer: Ferrico Electronics (Pan Yu) Co., Ltd.) for I/F cable (USB).

Report processed by

Hiroko Nakamura 09/Sep./2005 Tested by



6 TEST RESULTS

6.1 RFI Voltage Measurement

6.1.1 Measurement Instrumentation Used

(model/serial no./manufacturer/Tokin control no./last calibration/next calibration)

Field strength meter (FCKL1528/1528124/Schwarzbeck/RE039/01 Jul.'05/Jun.'06)

L.I.S.N. (KNW-407/8-515-20/Kyoritsu/LI010/29 Oct.'04/Oct.'05)

2nd L.I.S.N. (PN-T22/9406/Tokin/LI046/29 Oct.'04/Oct.'05)

Spectrum analyzer (E4401B/MY41440237/Agilent technologies/SP051/30 Jun. '05/Jun. '06)

Software TEPTO 2.00/---/AES/---/---)

Shielded room.....(Tsukuba No.2-S/---/Tokin/SA017/---/--)

The measurement instrumentation used, are calibrated according to Quality Manual.

6.1.2 Measurement Procedure

The power line conducted interference measurements were performed according to ANSI C63.4-2001 in a shielded enclosure No.2 with peripherals placed on a table, 0.8m high over a metal floor. It was located distance 0.4m away from the shielded enclosure wall. There are no deviations from the standard. The standard limit was adopted CISPR Pub.22:1997 Class B.

The EUT was plugged into the LISN and the frequency range of interest scanned.

Reported are maximized emission levels.

These tests were performed at 9kHz of 6dB bandwidth.

Test results had obtained from following equation.

Result $(dB\mu V)$ = Level $(dB\mu V)$ + Total Factor (dB)

<Decision to Pass or Fail>

To judge pass or fail of the test result, it was added "uncertainty" to the obtained data and then subtracted it from the limit value. If all the values are +(plus), it will be passed, and if there is -(minus), it will be failed.

6.1.3 Deviation from the specification: None

6.1.4 Measurement Uncertainty

Measurement uncertainty is ± 1.94 dB(k=2) and it had estimated for decision to PASS or FAIL.

Report processed by

Tested by

Jiro Murata, Engineer



6.1.5 Test Data

Table 6.1-1a RFI Voltage Measurement Results (Q-Peak Measurement)

Model Name:

PTZ-631W + ZP-501E

Test procedure:

Test condition:

Operating mode: Device detection state

Power input 1phase AC120V

ANSI C63.4-2001

Date of measurement: August 9, 2005

Temperature:

26 degree C

Humidity:

52 %

| - | \sim | - | ~ |
|---|--------|---|------|
| | · · | 4 | Α. |
| | ,, | 7 | - 3/ |
| | | | |

| | Frequency (MHz) | Level (dBµV) | Total Factor(dB) | Result (dBµV) | Limit (dBμV) | Margin (dB) |
|-------|--------------------|-----------------|------------------|------------------|-----------------|----------------|
| N-E | 0.246 | 31.0 | 0.0 | 31.0 | 61.9 | 30.9 |
| 11-15 | 0.492 | 32.0 | 0.0 | 32.0 | 56.1 | 24.1 |
| | 1.290 | 32.5 | 0.0 | 32.6 | 56.0 | 23.4 |
| | 4.669 | 33.0 | 0.3 | 33.3 | 56.0 | 22.7 |
| | 10.000 | 37.5 | 0.4 | 37.9 | 60.0 | 22.1 |
| | 18.000 | 36.0 | 0.6 | 36.6 | 60.0 | 23.4 |
| · | | | | | | |
| L1-E | 0.246 | 26.0 | 0.0 | 26.0 | 61.9 | 35.9 |
| | 0.491 | 32.5 | 0.1 | 32.6 | 56.2 | 23.6 |
| | 2.272 | 32.0 | 0.3 | 32.3 | 56.0 | 23.7 |
| | 8.290 | 33.0 | 0.5 | 33.5 | 60.0 | 26.5 |
| | 10.000 | 36.5 | 0.6 | 37.1 | 60.0 | 22.9 |
| | 18.000 | 37.0 | 0.8 | 37.8 | 60.0 | 22.2 |

Report processed by

Hiroko Nakamura 09/Sep./2005

Tested by



Table 6.1-1b RFI Voltage Measurement Results (Average Measurement)

Model Name:

PTZ-631W + ZP-501E

Test procedure:

Test condition:

Operating mode: Device detection state

ANSI C63.4-2001 Power input 1phase AC120V

Date of measurement: August 9, 2005

Temperature:

26 degree C

Humidity:

52 %

DC5V

| | Frequency (MHz) | Level (dBµV) | Total Factor(dB) | Result (dBµV) | Limit (dBµV) | Margin (dB) |
|-------|-----------------|-----------------|---------------------|---------------|-----------------|---------------------|
| AT TO | 0.246 | 20.5 | 0.0 | 20.5 | 51.0 | 21.4 |
| N-E | 0.246 | 30.5 | 0.0 | 30.5 | 51.9 | 21.4 |
| | 0.492 | 31.0 | 0.0 | 31.0 | 46.1 | 15.1 |
| | 1.290 | 32.0 | 0.1 | 32.1 | 46.0 | 13.9 |
| | 4.669 | 28.0 | 0.3 | 28.3 | 46.0 | 17.7 |
| | 10.000 | 32.0 | 0.4 | 32.4 | 50.0 | 17.6 |
| | 18.000 | 31.0 | 0.6 | 31.6 | 50.0 | 18.4 |
| | | | | | | |
| L1-E | 0.246 | 25.0 | 0.0 | 25.0 | 51.9 | 26.9 |
| | 0.491 | 32.0 | 0.1 | 32.1 | 46.2 | 14.1 |
| | 2.272 | 28.0 | 0.3 | 28.3 | 46.0 | 17.7 |
| | 8.290 | 32.0 | 0.5 | 32.5 | 50.0 | 17.5 |
| | 10.000 | 31.0 | 0.6 | 31.6 | 50.0 | 18.4 <mark>.</mark> |
| | 18.000 | 32.0 | 0.8 | 32.8 | 50.0 | 17.2 |
| | | | | | | |

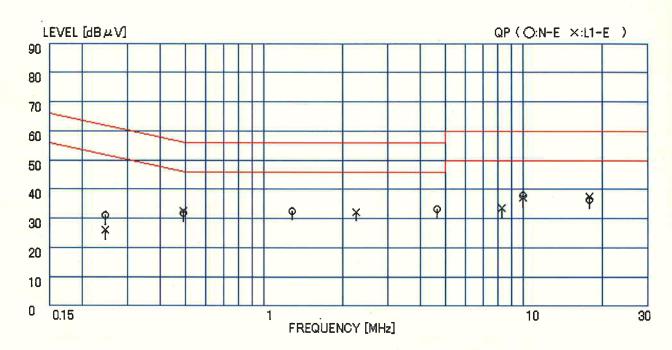
Report processed by

Hiroko Nakamura 09/Sep./2005

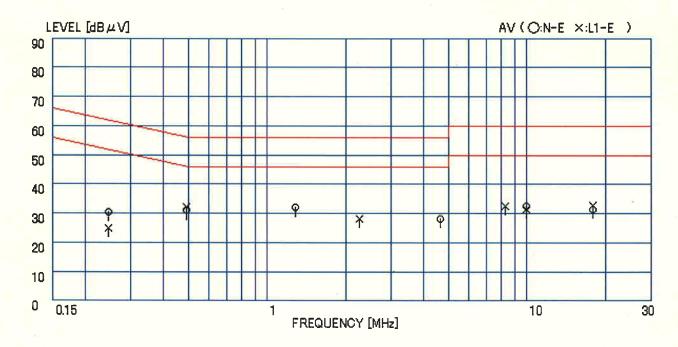
Tested by



CISPR Pub.22: 1997 Class B Limit



< Q-Peak Measurement>



<Average Measurement>

Figure 6.1-1 RFI Voltage Measurement Results

Report processed by

Tested by

mala

Jiro Murata, Engineer

T6M058111





6.2 RFI Field Strength Measurement

6.2.1 Measurement Instrumentation Used

(model/serial no./manufacturer/Tokin control no./last calibration/next calibration)

| | (modes serial not manajacianen 10an control not not autoration next carroration) |
|---|--|
| < | 0.009MHz to 30MHz > |
| | Loop antenna |
| | Spectrum analyzer(E4401B/MY41440237/Agilent technologies/SP051/30 Jun.'05/Jun.'06) |
| | Coaxial cable (RG-55U//-DK194/27 May'05/May'06) |
| | Software |
| < | 30MHz to 1000MHz> |
| | Field strength meter(FCVU1534/131/Schwarzbeck/RE046/23 May'05/May'06) |
| | Biconical antenna |
| | Logperiodic antenna(UHALP9108-A/0115/Schwarzbeck/TL021/10 Sep.'04/Sep.'05) |
| | Pre-amplifier |
| | Spectrum analyzer (R3261A/81720103/Advantest/SP006/03 Jun.'05/Jun.'06) |
| | Coaxial switch unit (MP59B/6100226498/Anritsu/ME267/01 Feb. '05/Jan. '06) |
| | Attenuator(8493B/3308A21823/Hewlett Packard/ME273/09 Nov.'04/Nov.'05) |
| | Site establishment cable (//Tokin/DKT07/01 Feb. '05/Jan. '06) |
| | Software (Software Data Calculation Software TEPTO 2.00//AES//) |
| | Open Field Test Site(Tsukuba No.6//Tokin/SA006/31 Jan.'05/Jan.'06) |
| | |

The measurement instrumentation used, are calibrated according to Quality Manual.

Report processed by

Hiroko Nakamura 09/Sep./2005 Tested by



6.2.2 Measurement Procedure

Final test was performed according to ANSI C63.4-2001 at the open field test site No.6. There were no deviations from the standard.

The EUT was placed on a 0.8m high table along with the peripherals. The turntable was separated from the antenna distance 3meters. Cables were placed in a position to produce maximum emissions as determined by experimentation, and operation mode was selected for maximum.

The frequencies and amplitudes of maximum emission were measured at varying azimuths, antenna heights and antenna polarities. Reported are maximized emission levels.

These tests were performed at 120kHz of 6dB bandwidth.

Test results were obtained from following equation.

Result $(dB\mu V/m) = Level (dB\mu V) + Ant.$ Factor (dB/m) + Cable Loss (dB) - Amp. Gain (dB)

<Decision to Pass or Fail>

To judge pass or fail of the test result, it was added "Uncertainty" to the obtained data and then subtracted it from the limit value. If all the values are +(plus), it will be passed and if there is -(minus), it will be failed.

6.2.3 Deviation from the specification: None

6.2.4 Measurement Uncertainty

Measurement uncertainty of 0.009MHz to 30MHz is ± 1.94 dB(k=2), 30MHz to 300MHz is ± 3.64 dB (k=2), 300MHz to 1000MHz is ± 3.60 dB(k=2) and it had estimated for decision to PASS or FAIL.

Report processed by

Hiroko Nakamura 09/Sep./2005 Tested by

Jiro Murata, Engineer

nata



6.2.5 Test Data

Table 6.2-1 RFI Field Strength Measurement Results (Q-Peak Measurement)

<0.009MHz to 30MHz>

Model Name:

PTZ-631W + ZP-600

Operating mode: Device detection state

Date of measurement: August 8, 2005

Test procedure:

ANSI C63.4-2001

Temperature: 27 degree C

Test condition:

Power input 1phase AC120V

DC5V

Humidity:

64 %

Test distance:

3 meters*

| Frequency | Level | Cable | Amp. | Ant. | Result | Result | 30 Meter | Margin |
|-----------|-----------|-------|------|--------|---------------|-----------|-------------|-----------|
| | Ver. Hor. | Loss | Gain | Factor | Ver. Hor. | Ver. Hor. | Limit | Ver. Hor. |
| (MHz) | (dBµV) | (dB) | (dB) | (dB/m) | $(dB\mu V/m)$ | (µV/m) | $(\mu V/m)$ | (dB) |
| 0.67 | 24.0 | 0.3 | 0.0 | 19.2 | 43.5 | 31.1 | 31.1 | -12.3 * |
| 2.00 | -1.0 | 0.4 | 0.0 | 19.1 | 18.5 | 18.5 | 29.5 | 11.0 |

Limit

| _ | | | | |
|---|--------------------|------------------|--------------|-------------|
| | Frequency (MHz) | dBμV/m | μV/m | Distance(m) |
| | $0.009 \sim 0.490$ | 48.5 ~ 13.8 | 2400/F(kHz) | 300 |
| | $0.490 \sim 1.705$ | $33.8 \sim 23.0$ | 24000/F(kHz) | 30 . |
| | 1.705 ~ 30 | 29.5 | 30 | 30 |

^{*} The test result obtained at 3meters from the EUT is complied with the limit of 300meters and 30meters from FCC requirement.

Therefore, the EUT had complied with FCC Part 15 Sub part C requirement.

Report processed by

Hiroko Nakamura 09/Sep./2005

Tested by



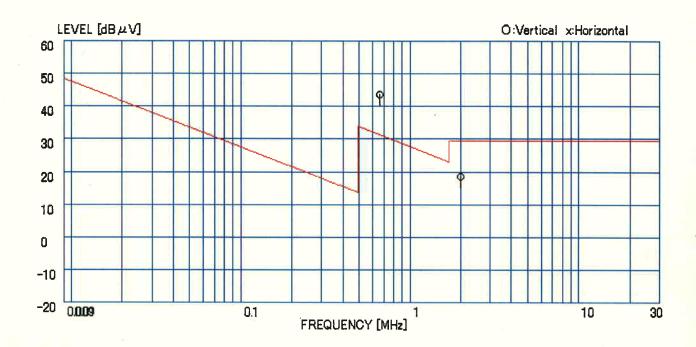


Figure 6.2-1 RFI Field Strength Measurement Results

Report processed by

Hiroko Nakamura 09/Sep./2005 Tested by



Table 6.2-2 RFI Field Strength Measurement Results (Q-Peak Measurement) <30MHz to 1000MHz>

Model Name: PTZ-631W + ZP-600

Operating mode: Device detection state

Test procedure: ANSI C63.4-2001

Date of measurement: August 8, 2005

Temperature: 27 degree C

Test condition: Power input 1phase AC120V Humidity: 64 %

DC5V

| Frequency | Le | vel | Cable | Amp. | Ant. | Re | sult | Res | ult | 3 Meter | Ma | rgin |
|-----------|------|--------------|-----------|---------------|--------------|------|---------------|---------------------|------------|-----------------|-------------|------|
| (MHz) | | Hor. BμV) | Loss (dB) | Gain (dB) | Factor (dB/m | | Hor. μV/m) | Ver. (μV/ | Hor. m) | Limit (μV/m) | Ver. (dB | Hor. |
| 36.00 | 39.0 | 33.0 | 1.3 | -27.1 | 16.1 | 29.3 | 23.3 | 29.17 | 14.62 | 100 | 10.7 | 16.7 |
| 48.00 | 41.0 | 32.5 | 1.6 | -27.0 | 10.7 | 26.3 | 17.8 | 20.65 | 7.76 | 100 | 13.7 | 22.2 |
| 60.00 | 48.5 | 41.0 | 1.8 | -27.0 | 7.4 | 30.7 | 23.2 | 34.28 | 14.45 | 100 | 9.4 | 16.9 |
| 96.00 | 43.5 | | 2.4 | -27.0 | 9.9 | 28.7 | | 27.23 | | 150 | 14.8 | |
| 120.00 | 40.5 | 34.0 | 2.6 | -26 .8 | 13.1 | 29.4 | 22.9 | 29.51 | 13.96 | 150 | 14.1 | 20.6 |
| 240.00 | 38.0 | 32.0 | 3.8 | -26.2 | 17.8 | 33.3 | 27.3 | 46.24 | 23.17 | 200 | 12.7 | 18.7 |
| 383.99 | 39.0 | 25.0 | 4.9 | -27.2 | 18.4 | 35.1 | 21.1 | 56.89 | 11.35 | 200 | 10.9 | 24.9 |
| 432.07 | | 33.0 | 5.3 | -27.6 | 18.5 | | 29.1 | | 28.51 | 200 | | 16.9 |
| 480.00 | 25.0 | | 5.5 | -28. 0 | 17.9 | 20.4 | | 10. <mark>47</mark> | | 200 | 25.6 | |
| 496.05 | | 33.0 | 5.6 | -28.0 | 18.3 | | 28.9 | | 27.86 | 200 | | 17.1 |
| 576.07 | 31.0 | 28.0 | 6.2 | -28.2 | 20.2 | 29.3 | 26.3 | 29.17 | 20.65 | 200 | 16.7 | 19.7 |
| 624.09 | | 28.5 | 6.4 | -28.2 | 19.3 | | 26.0 | | 19.95 | 200 | | 20.0 |
| 705.05 | | 25.0 | 6.9 | -28.2 | 22.9 | | 26.5 | | 21.13 | 200 | | 19.5 |
| 751.76 | 28.0 | | 7.1 | -28.0 | 21.2 | 28.3 | | 26.00 | | 200 | 17.7 | |

Class B limit

Radiated Emission – 3 meter distance

| Frequency (MHz) | dBμV/m | μV/m |
|-----------------|--------|----------|
| | • | po V/111 |
| 30 - 88 | 40.0 | 100 |
| 88 - 216 | 43.5 | 150 |
| 216 - 960 | 46.0 | 200 |
| > 960 | 54.0 | 500 |

Report processed by

Hiroko Nakamura 09/Sep./2005 2an Ci

Tested by

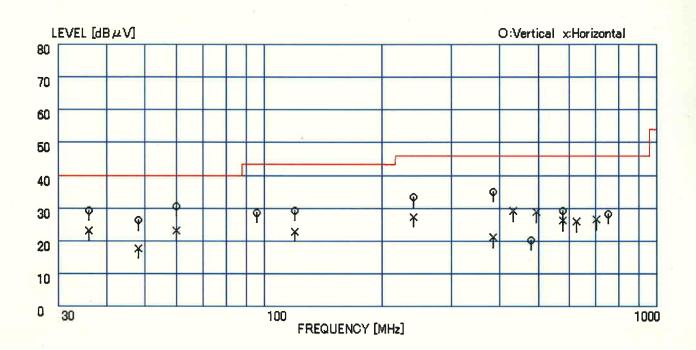


Figure 6.2-2 RFI Field Strength Measurement Results

Report processed by

Hiroko Nakamura 09/Sep./2005 Tested by



6.3 Minimum Margin

Table 6.3-1 Minimum Margin

Conducted emission

Perice detection operation mode 1,29 MHz, 13.9 dB

Radiated emission

Perice detection operation mode 60.0 MHz, 9.4 dB

6.4 Sample Calculation

Table 6.4-1 Sample Calculation

The maximum radiating emission can be obtained at the frequency of 60.0 MHz, vertical polarization on Ferice detection operation mode.

Each value at frequency is as follows;

R: Field strength meter reading = $48 \mu V$

A: Antenna factor = 7.% (dB/m)

C: Cable loss = \prime (dB)

G: Amplifier gain = $\frac{1}{2}$ (dB)

Then radiated emission $E(dB\mu V/m)$ is;

E = R + A + C - G

Therefore, the maximum radiated emission is;

30.7 (dB μ V/m)

Report processed by

Tested by

Jiro Murata, Engineer



7 MEASUREMENT PHOTOS

Photo 7.1 Setup with the Maximized RFI Voltage Emission Level

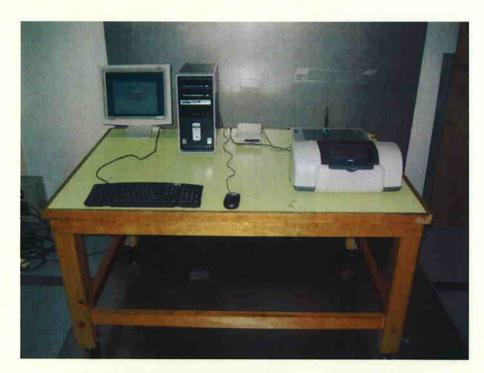








Photo 7.2 Setup with the Maximized RFI Field Strength Emission Level



