

### 3-2. EUT Exercise Software

The EUT exercise program used during radiated and conducted testing was designed to exercise the various system components in a manner similar to a typical use. The software, contained on a 3-1/2 inch disk, was inserted into driver A and is auto-starting on power-up. Once loaded, the program sequentially exercises each system component in turn. The sequence used is:

1. Read from the storage device (CD-ROM).
2. Send Voice to LINE-OUT device (Speakers).
3. Repeated from 1 to 2 continuously during to "H" pattern exercised each system component from 4 to 7 simultaneously.
4. Read (Write) from(to) the storage devices (HDD, FDD).
5. Send "H" pattern to the video port device (LCD Display and Ext. Monitor or LCD Display and TV Monitor)
6. Send "H" pattern to the parallel port device (Printer).
7. Send "H" pattern to the Serial port device (Modem).
8. Repeated from 4 to 7 continuously.

As the keyboard, mouse and joystick are strictly input devices, no data is transmitted to (from) them during test. They are, however, continuously scanned for data input activity.

**3-3. Special Accessories**

N/A

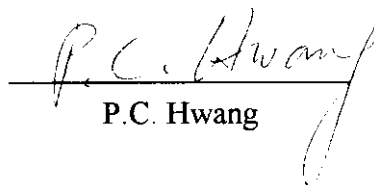
**3-4. Equipment Modifications**

In order to achieve in compliance with Class B levels, the following change(s) were made by NEUTRON test house during the compliance testing:

Please refer to the next page as the modification described and cross reference of photos of tested EUT.

The above modifications will be implemented in all product models of this equipment.

Applicant Signature :

  
P.C. Hwang

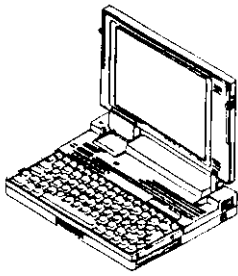
Date :

Feb. 04, 1999

Type/Printed Name :

Position :

Engineer



## **Smart D & M Technology Co., Ltd.**

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**-SMART-TEC-**

### **Modification Report**

Company:

Model No.: NX-6000

Page 1 of 1

FCC ID: LMDNX6000-S-01

Date: Feb. 10 , 1999

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- A. Add a toroid core on the LCD's data cable.
- B. Add a shielding on the data cable.
- C. Add capacitors ( c: 220pf ) on the output data of CON4.
- D. Add capacitors ( c: 220pf ) on the output data of CON3.
- E. Add capacitors ( c: 470pf ) on the output data of CON2.
- F. Add a toroid core on the DC output line.

|                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------|
| All the above modification will be implemented and relayed in the mass production to meet the FCC Class B requirements. |
|-------------------------------------------------------------------------------------------------------------------------|

Smart D & M Technology Co., Ltd.

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P.C Hwang

Engineer

### 3.5 Configuration of Tested System

The configuration of tested system is described as the block diagram shown in next page Figure 3.1 and details information of I/O cable and power cord connection are tabulated as Table A and B. The monitor is powered from a floor mounted receptacle (referred to as the wall outlet in the previous described) was tested.

**TABLE A - Test Equipment**

| Item | Equipment   | Mfr/Brand   | Model/Type No. | Port Connected | FCC ID         | Series No.          | Note |
|------|-------------|-------------|----------------|----------------|----------------|---------------------|------|
| E-1  | Notebook PC | Smart D & M | NX6000         |                | LMDNX6000-S-01 | N/A                 | EUT  |
| E-2  | Monitor     | Optquest    | 4500DC-E(80K)  | VGA Port       | GWGMULTI82     | 3650200046          |      |
| E-3  | Modem       | Datatronics | AT-1200CK      | Com Port       | E2O5OV1200CK   | 06-240088/07-317665 |      |
| N/A  | Printer     | SII         | DPU-414        | Centronic Port | N/A(3)         | N/A                 |      |
| E-5  | Keyboard    | Forward     | FDA-102A       | PS/2 Port      | F4Z4K3FDA-102A | N/A                 |      |
| E-6  | Microphone  | N/A         | KHM-108        | Mic Port       | N/A            | N/A                 |      |
| E-7  | TV Set      | BEN-TECH    | BT-09MC        | Video Out Port | N/A            | N/A                 |      |
| E-8  | Walkman     | N/A         | KT-V860        | Audio In Port  | N/A            | N/A                 |      |
| E-9  | Joystick    | A- Dan      | Js-308         | Game Port      | N/A            | N/A                 |      |
| E-10 | Mouse       | Primax      | MUSXT          | USB Port       | EMJ0000001     | N/A                 |      |

Note:

- (1) Unless otherwise denoted as EUT in 「Remark」 column, device(s) used in tested system is a support equipment.
- (2) Unless otherwise marked as ※ in 「Remark」 column, Neutron consigns the support equipment(s) to the tested system.
- (3) The support equipment was passed by Declaration of conformity.

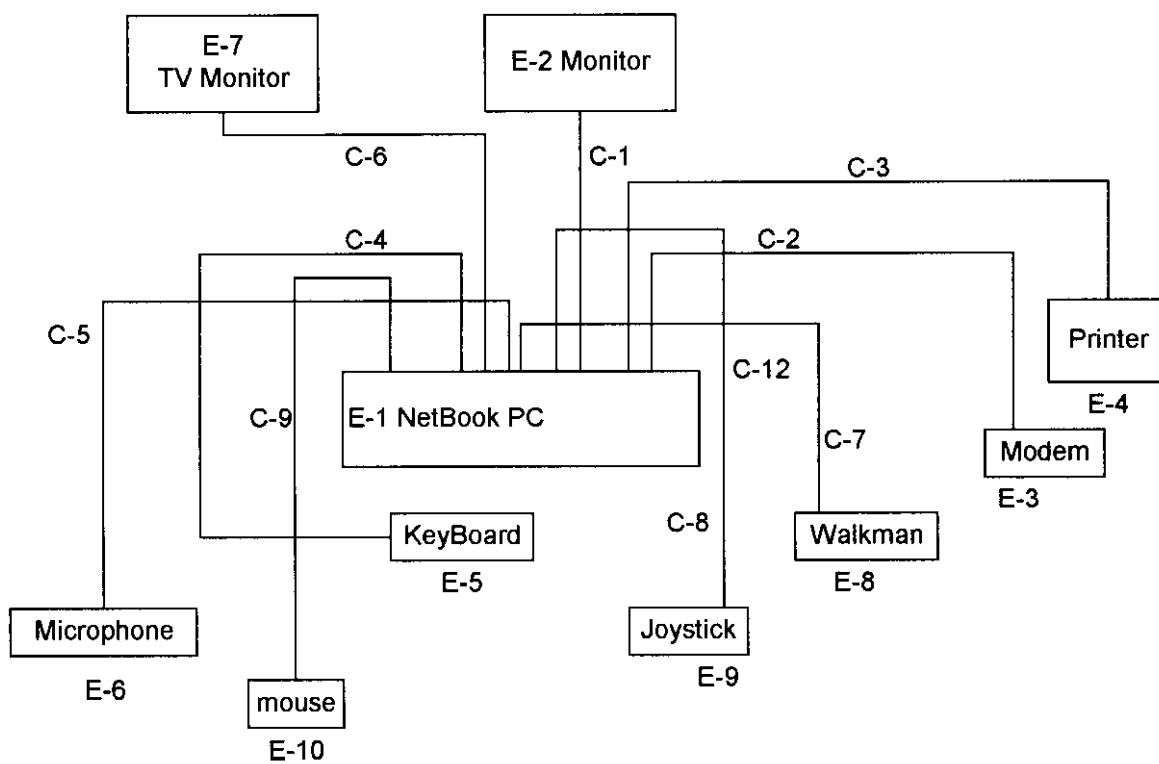
**Table B. - Informations Cable Information**

| Item | I/O Cable        | Device Connected | Shielded | Ferrite Core | Detachable/Permanently             | Length | Note |
|------|------------------|------------------|----------|--------------|------------------------------------|--------|------|
| C-1  | Video Cable      | EUT-Monitor      | Yes      | No           | Permanently attached on Monitor    | 150 cm |      |
| C-2  | RS-232C Cable    | EUT -Modem       | Yes      | No           | Part of Modem, Detachable          | 175 cm |      |
| C-3  | Centronics Cable | EUT -Printer     | Yes      | No           | Part of Printer, Detachable        | 200 cm |      |
| C-4  | Keyboard Cable   | EUT -Keyboard    | Yes      | No           | Permanently attached on KB         | 200 cm |      |
| C-5  | Microphone Cable | EUT -Microphone  | No       | No           | Permanently attached on microphone | 280cm  |      |
| C-6  | AV Cable         | EUT-TV           | No       | No           | Detachable type                    | 120cm  |      |
| C-7  | Walkman Cable    | EUT -Walkman     | No       | No           | Detachable type                    | 150cm  |      |
| C-8  | Joystick Cable   | EUT -Joystick    | Yes      | No           | Permanently attached on Joystick   | 175 cm |      |
| C-9  | Mouse Cable      | EUT-Mouse        | Yes      | No           | Detachable type                    | 200cm  |      |
|      |                  |                  |          |              |                                    |        |      |
|      |                  |                  |          |              |                                    |        |      |
|      |                  |                  |          |              |                                    |        |      |

**Note:**

- (1) Unless otherwise marked as ※ in 『Remark』 column, Neutron consigns the supporting equipment(s) to the tested system.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

Figure 3.1 Configuration of Tested System



## 6. Conducted Emission Datas

6.1 The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range. significant peaks are then marked as shown on the following data page, and these signals are then quasi-peaked.

Judgement: Passed by **-2.68** dB in mode of Line terminal **0.17 MHz**

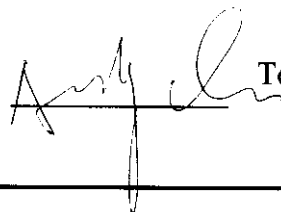
EUT Operation/Configuration Mode : Display devices : LCD panel & TV

| Freq.<br>(MHz) | Terminal<br>L/N | Measured(dBuV) |         | Limits(dBuV) |         | Safe Margins<br>(dBuV) |      |
|----------------|-----------------|----------------|---------|--------------|---------|------------------------|------|
|                |                 | QP-Mode        | AV-Mode | QP-Mode      | AV-Mode |                        | Note |
| 0.16           | Line            | 57.36          | 46.20   | 65.36        | 55.36   | -8.00                  | (QP) |
| 0.24           | Line            | 52.14          | 34.20   | 61.99        | 51.99   | -9.85                  | (QP) |
| 0.32           | Line            | 48.42          | 35.42   | 59.63        | 49.63   | -11.21                 | (QP) |
| 0.57           | Line            | 40.19          | *       | 56.00        | 46.00   | -15.81                 | (QP) |
| 26.42          | Line            | 41.15          | *       | 60.00        | 50.00   | -18.85                 | (QP) |
| 0.17           | Neutral         | 59.15          | 52.45   | 65.13        | 55.13   | -2.68                  | (AV) |
| 0.25           | Neutral         | 53.37          | 47.07   | 61.79        | 51.79   | -4.72                  | (AV) |
| 0.33           | Neutral         | 46.57          | *       | 59.45        | 49.45   | -12.88                 | (QP) |
| 1.40           | Neutral         | 43.29          | *       | 56.00        | 46.00   | -12.71                 | (QP) |
| 2.21           | Neutral         | 42.65          | *       | 56.00        | 46.00   | -13.35                 | (QP) |

Remark :

- (1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz ; SPA setting in RBW=100KHz, VBW =100KHz, Swp. Time = 0.3 sec./MHz . Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=1MHz, VBW=10Hz, Swp. Time =0.3 sec./MHz .
- (2) All readings are QP Mode value unless otherwise stated AVG in column of 『Note』 . If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform . In this case, a " \*" marked in AVG Mode column of Interference Voltage Measured .
- (3) Measuring frequency range from 150KHz to 30MHz .

Review :



Test Personnel :

Riker Hsu

Date:

Feb. 05, 1999

## 6. Conducted Emission Datas

6.1 The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range. significant peaks are then marked as shown on the following data page, and these signals are then quasi-peaked.

Judgement: Passed by **-2.06** dB in mode of Line terminal **0.17 MHz**

EUT Operation/Configuration Mode : Display devices : LCD panel & Monitor

| Freq.<br>(MHz) | Terminal<br>L/N | Measured(dBuV) |         | Limits(dBuV) |         | Safe Margins |      |
|----------------|-----------------|----------------|---------|--------------|---------|--------------|------|
|                |                 | QP-Mode        | AV-Mode | QP-Mode      | AV-Mode | (dBuV)       | Note |
| 0.17           | Line            | 61.03          | 53.10   | 65.16        | 55.16   | -2.06        | (AV) |
| 0.25           | Line            | 53.70          | 49.50   | 61.72        | 51.72   | -2.22        | (AV) |
| 0.34           | Line            | 48.77          | 45.60   | 59.30        | 49.30   | -3.70        | (AV) |
| 0.59           | Line            | 47.65          | 41.65   | 56.00        | 46.00   | -4.35        | (AV) |
| 1.08           | Line            | 47.86          | 42.66   | 56.00        | 46.00   | -3.34        | (AV) |
| 0.17           | Neutral         | 60.50          | 52.10   | 65.16        | 55.16   | -3.06        | (AV) |
| 0.25           | Neutral         | 53.92          | 48.90   | 61.79        | 51.79   | -2.89        | (AV) |
| 0.33           | Neutral         | 47.18          | *       | 59.40        | 49.40   | -12.22       | (QP) |
| 1.49           | Neutral         | 46.22          | 38.12   | 56.00        | 46.00   | -7.88        | (AV) |
| 1.83           | Neutral         | 45.87          | 39.60   | 56.00        | 46.00   | -6.40        | (AV) |

### Remark :

- (1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz ; SPA setting in RBW=100KHz, VBW =100KHz, Swp. Time = 0.3 sec./MHz . Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=1MHz, VBW=10Hz, Swp. Time =0.3 sec./MHz .
- (2) All readings are QP Mode value unless otherwise stated AVG in column of 『Note』 . If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform . In this case, a " \*" marked in AVG Mode column of Interference Voltage Measured .
- (3) Measuring frequency range from 150KHz to 30MHz .

Review :

Test Personnel :

Date:

Feb. 05, 1999

## 7. Radiated Emission Datas

7.1 The following data lists the significant emission frequencise, measured levels, correction factor (includes cable and antenna corrections ), the corrected reading, as well as the limit. Explanation of the Correction Factor is given in paragraph 7.2.

Judgement: Passed by -2.10 dB in polarity of Horizon 199.25 MHz

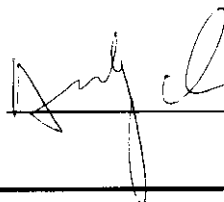
EUT Operation/Configuration Mode Display devices : LCD panel & TV

| Freq.<br>(MHz) | Ant.<br>H/V | Reading(RA)<br>(dBuV) | Corr.Factor(CF)<br>(dB) | Measured(FS)<br>(dBuV/m) | Limits(QP)<br>(dBuV/m) | Safe Margins<br>(dBuV/m) | Note |
|----------------|-------------|-----------------------|-------------------------|--------------------------|------------------------|--------------------------|------|
| 66.55          | H           | 34.81                 | - 7.11                  | 27.70                    | 30.00                  | - 2.30                   |      |
| 133.19         | H           | 30.35                 | - 2.85                  | 27.50                    | 30.00                  | - 2.50                   |      |
| 195.24         | V           | 24.92                 | 2.57                    | 27.49                    | 30.00                  | - 2.51                   |      |
| 196.94         | V           | 23.88                 | 2.62                    | 26.50                    | 30.00                  | - 3.50                   |      |
| 199.25         | V           | 25.22                 | 2.68                    | 27.90                    | 30.00                  | - 2.10                   |      |
| 199.32         | H           | 24.99                 | 2.68                    | 27.67                    | 30.00                  | - 2.33                   |      |
| 221.60         | V           | 28.35                 | - 3.78                  | 24.57                    | 30.00                  | - 5.43                   |      |
| 221.60         | H           | 28.78                 | - 3.78                  | 25.00                    | 30.00                  | - 5.00                   |      |
| 227.20         | V           | 30.11                 | - 3.72                  | 26.39                    | 30.00                  | - 3.61                   |      |
| 260.00         | V           | 33.86                 | - 1.52                  | 32.34                    | 37.00                  | - 4.66                   |      |
| 260.00         | H           | 30.38                 | - 1.52                  | 28.86                    | 37.00                  | - 8.14                   |      |
| 651.20         | H           | 24.26                 | 9.66                    | 33.92                    | 37.00                  | - 3.08                   |      |

### Remark :

- (1) Reading inwhich marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=1MHz, VBW =1MHz, Swp. Time = 0.3 sec./MHz °
- (2) All readings are Peak unless otherwise stated QP in colum of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform °
- (3) Measuring frequency range from 30MHz to 1000MHz °
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table °

Review :



Test Personnel :

Riley Hsu

Date:

FEB.17,1998

## 7. Radiated Emission Datas

7.1 The following data lists the significant emission frequencise, measured levels, correction factor (includes cable and antenna corrections ), the corrected reading, as well as the limit. Explanation of the Correction Factor is given in paragraph 7.2.

Judgement: Passed by -2.30 dB in polarity of Horizon 133.19 MHz

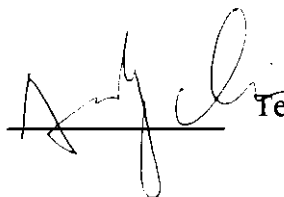
EUT Operation/Configuration Mode : Display Mode : LCD panel & Monitor

| Freq.<br>(MHz) | Ant.<br>H/V | Reading(RA)<br>(dBUV) | Corr.Factor(CF)<br>(dB) | Measured(FS)<br>(dBUV/m) | Limits(QP)<br>(dBUV/m) | Safe Margins<br>(dBUV/m) | Note |
|----------------|-------------|-----------------------|-------------------------|--------------------------|------------------------|--------------------------|------|
| 66.42          | V           | 34.47                 | - 6.97                  | 27.50                    | 30.00                  | - 2.50                   |      |
| 66.55          | H           | 33.76                 | - 7.11                  | 26.65                    | 30.00                  | - 3.35                   |      |
| 133.19         | H           | 30.55                 | - 2.85                  | 27.70                    | 30.00                  | - 2.30                   |      |
| 157.37         | V           | 29.47                 | - 1.87                  | 27.60                    | 30.00                  | - 2.40                   |      |
| 161.23         | V           | 28.08                 | - 1.18                  | 26.90                    | 30.00                  | - 3.10                   |      |
| 172.29         | H           | 25.86                 | 0.72                    | 26.58                    | 30.00                  | - 3.42                   |      |
| 221.60         | H           | 28.32                 | - 3.78                  | 24.54                    | 30.00                  | - 5.46                   |      |
| 221.60         | V           | 31.14                 | - 3.78                  | 27.36                    | 30.00                  | - 2.64                   |      |
| 333.60         | H           | 31.90                 | 1.57                    | 33.47                    | 37.00                  | - 3.53                   |      |
| 333.60         | V           | 31.03                 | 1.57                    | 32.60                    | 37.00                  | - 4.40                   |      |
| 487.20         | H           | 26.57                 | 6.44                    | 33.01                    | 37.00                  | - 3.99                   |      |
| 489.60         | V           | 26.50                 | 6.57                    | 33.07                    | 37.00                  | - 3.93                   |      |

### Remark :

- (1) Reading inwhich marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=1MHz, VBW=1MHz, Swp. Time = 0.3 sec./MHz .
- (2) All readings are Peak unless otherwise stated QP in colum of 'Note' . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform .
- (3) Measuring frequency range from 30MHz to 1000MHz .
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table .

Review :



Test Personnel :

Riker H/SN

Date:

FEB. 05,1999

## 7. Radiated Emission Datas(1GHz~2GHz)

7.1 The following data lists the significant emission frequency, measured levels, correction factor (includes cable and antenna corrections), the corrected reading, as well as the limit. Explanation of the Correction Factor is given in paragraph 7.2.

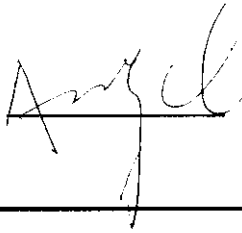
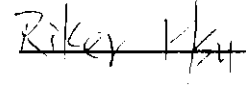
Judgement: Passed by -9.29 dB in polarity of Horizon 1003.00 MHz

EUT Operation/Configuration Mode : Didplay mode : LCD panel & TV

| Freq.<br>(MHz) | Ant.<br>H/V | Reading(RA)<br>(dBuV) | Corr.Factor(CF)<br>(dB) | Measured(FS)<br>(dBuV/m) | Limits(QP)<br>(dBuV/m) | Safe Margins<br>(dBuV/m) | Note |
|----------------|-------------|-----------------------|-------------------------|--------------------------|------------------------|--------------------------|------|
| 1003.00        | H           | 36.21                 | 8.50                    | 44.71                    | 54.00                  | -9.29                    |      |
| 1003.00        | V           | 31.40                 | 8.50                    | 39.90                    | 54.00                  | -14.10                   |      |
| 1030.00        | V           | 28.75                 | 8.60                    | 37.35                    | 54.00                  | -16.65                   |      |
| 1039.00        | V           | 30.42                 | 8.60                    | 39.02                    | 54.00                  | -14.98                   |      |
| 1061.00        | H           | 29.34                 | 8.70                    | 38.04                    | 54.00                  | -15.96                   |      |
| 1088.00        | V           | 30.32                 | 8.90                    | 39.22                    | 54.00                  | -14.78                   |      |
| 1105.00        | H           | 31.40                 | 9.00                    | 40.40                    | 54.00                  | -13.60                   |      |
| 1172.00        | V           | 28.41                 | 9.60                    | 38.01                    | 54.00                  | -15.99                   |      |
| 1333.00        | H           | 33.26                 | 10.70                   | 43.96                    | 54.00                  | -10.04                   |      |
| 1368.00        | H           | 29.70                 | 10.80                   | 40.50                    | 54.00                  | -13.50                   |      |

### Remark :

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=1MHz, VBW=1MHz, Swp. Time = 0.3 sec./MHz.
- (2) All readings are Peak unless otherwise stated QP in column of 'Note'. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (3) Measuring frequency range from 1000MHz to 2000MHz.
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.

Review :  Test Personnel :  Date: FEB. 05, 1999

## 7. Radiated Emission Datas(1GHz~2GHz)

7.1 The following data lists the significant emission frequencise, measured levels, correction factor (includes cable and antenna corrections ), the corrected reading, as well as the limit. Explanation of the Correction Factor is given in paragraph 7.2.

Judgement: Passed by -9.10 dB in polarity of Horizon 1003.00 MHz

EUT Operation/Configuration Mode : Display mode : LCD panel & Monitor

| Freq.<br>(MHz) | Ant.<br>H/V | Reading(RA)<br>(dBuV) | Corr.Factor(CF)<br>(dB) | Measured(FS)<br>(dBuV/m) | Limits(QP)<br>(dBuV/m) | Safe Margins<br>(dBuV/m) | Note |
|----------------|-------------|-----------------------|-------------------------|--------------------------|------------------------|--------------------------|------|
| 1003.00        | H           | 36.40                 | 8.50                    | 44.90                    | 54.00                  | -9.10                    |      |
| 1003.00        | V           | 29.12                 | 8.50                    | 37.62                    | 54.00                  | -16.38                   |      |
| 1030.00        | V           | 27.01                 | 8.60                    | 35.61                    | 54.00                  | -18.39                   |      |
| 1039.00        | V           | 27.95                 | 8.60                    | 36.55                    | 54.00                  | -17.45                   |      |
| 1105.00        | H           | 29.42                 | 9.00                    | 38.42                    | 54.00                  | -15.58                   |      |
| 1172.00        | H           | 32.03                 | 9.60                    | 41.63                    | 54.00                  | -12.37                   |      |
| 1172.00        | V           | 27.04                 | 9.60                    | 36.64                    | 54.00                  | -17.36                   |      |
| 1333.00        | H           | 29.47                 | 10.70                   | 40.17                    | 54.00                  | -13.83                   |      |
| 1333.00        | V           | 28.12                 | 10.70                   | 38.82                    | 54.00                  | -15.18                   |      |
| 1457.00        | H           | 27.65                 | 11.30                   | 38.95                    | 54.00                  | -15.05                   |      |

### Remark :

- (1) Reading inwhich marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=1MHz, VBW =1MHz, Swp. Time = 0.3 sec./MHz ◦
- (2) All readings are Peak unless otherwise stated QP in colum of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 1000MHz to 2000MHz ◦
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table ◦

Review :

Test Personnel. :

Date:

FEB. 05, 1999

**7-2. Field Strength Calculation**

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

**Where**    **FS = Field Strength**

**RA = Receiver Amplitude**

**AF = Antenna Factor (1)**

**CL = Cable Attenuation Factor (1)**

**AG = Amplifier Gain (1) (2)**

**Remark :**

(1) The Correction Factor =  $AF + CL - AG$ , as shown in the data tables' Correction Factor column.

(2) AG is not available for Neutron's Open Site Facility

**Example of Calculation:**

Assume a Receiver Reading of 23.7 dBuV is obtained with an Antenna Factor of 7.2 dB and a Cable Factor of 1.1 dB. Then:

1. The Correction Factor will be calculated by

$$\text{Correction Factor} = AF + CL - AG = 7.2 + 1.1 - 0 = 8.3 \text{ (dB)}$$

as shown in the data tables' Correction Factor column.

2. The Field Strength will be calculated by

$$FS = RA + \text{Correction Factor} = 23.7 + 8.3 = 32 \text{ (dBuV/m)}.$$

FS is the value shown in the data tables' Corrected Reading column and RA is the value shown in

the data tables' Receiver Reading column. The 32 dBuV/m value was mathematically converted to its corresponding level in uV/m as:

$$\text{Log}^{-1} \left[ (32.0 \text{ dBuV/m}) / 20 \right] = 39.8 \text{ (uV/m)}$$

## 7-3. Correction Factor VS Frequency

| Frequency (MHz) | Antenna Factor (dB) | Cable Loss (dB) |
|-----------------|---------------------|-----------------|
| 30.00           | 11.10               | 0.90            |
| 35.00           | 10.80               | 0.50            |
| 40.00           | 11.20               | 1.00            |
| 45.00           | 11.50               | 0.80            |
| 50.00           | 11.30               | 1.00            |
| 55.00           | 10.50               | 1.30            |
| 60.00           | 9.90                | 1.00            |
| 65.00           | 8.70                | 1.50            |
| 70.00           | 7.60                | 1.20            |
| 75.00           | 6.40                | 1.40            |
| 80.00           | 6.10                | 1.30            |
| 85.00           | 7.00                | 1.40            |
| 90.00           | 8.00                | 1.70            |
| 95.00           | 10.00               | 1.50            |
| 100.00          | 11.20               | 1.90            |
| 110.00          | 12.60               | 2.00            |
| 120.00          | 13.00               | 1.80            |
| 130.00          | 12.50               | 1.80            |
| 140.00          | 12.00               | 2.00            |
| 150.00          | 12.00               | 2.20            |
| 160.00          | 13.20               | 2.40            |
| 170.00          | 14.80               | 2.50            |
| 180.00          | 16.30               | 2.50            |
| 190.00          | 17.00               | 2.50            |
| 200.00          | 17.30               | 2.40            |
| 225.00          | 10.50               | 2.70            |
| 250.00          | 11.70               | 3.10            |
| 275.00          | 12.80               | 3.70            |
| 300.00          | 14.50               | 4.00            |
| 325.00          | 14.00               | 4.50            |
| 350.00          | 14.20               | 4.50            |
| 375.00          | 14.60               | 4.60            |
| 400.00          | 15.10               | 4.80            |
| 450.00          | 16.20               | 5.40            |
| 500.00          | 17.60               | 6.50            |
| 550.00          | 17.80               | 7.00            |
| 600.00          | 18.40               | 7.10            |
| 650.00          | 19.50               | 7.10            |
| 700.00          | 20.80               | 7.20            |
| 750.00          | 20.50               | 7.50            |
| 800.00          | 21.10               | 8.00            |
| 850.00          | 22.40               | 8.60            |
| 900.00          | 23.50               | 8.90            |
| 950.00          | 24.00               | 9.70            |
| 1000.00         | 24.80               | 10.30           |

**8. Photos of Tested EUT:**

- 1. Photo # 1 Front View**
- 2. Photo # 2 Rear View**
- 3. Photo # 3 Side View**
- 4. Photo # 4 ~ 44 Unit Partially Disassembled**