

March 16, 2007

Federal Communications Commission
7435 Oakland Mills road
Columbia, Maryland 21046

FCC ID: U6YRD-FW7874

Product Name: 17" Smart Monitor Model Number: RD-FW7874-11

Subject: Operating Software Attestation Letter

Gentlemen:

Two different operating systems are being used for testing (Windows and Linux). The 17" Smart Monitor (SM-17) normally runs with the Linux operating software. The utility used to place the IEEE802.11abg radio module in a continuous transmit mode only runs with a Windows operating system. Therefore the tests dealing with the radio module will be run with the Windows operating system and the remaining of the testing will be run with the Linux operating software. Several physical changes to the SM-17 are required to run the Windows operating system and none of these changes are associated with the radio module. All the changes are made on the 17 IN SM Microprocessor board assembly. The changes are listed below:

EEPROM, IC-18; Note: The system BIOS is changed to Phoenix-Award Workstation, Ver v6.00 PG
Resistor R567 is removed

The Compact Flash Memory is removed from P5

A cable to support a keyboard is connected to:

IC-13 pin W3 to P14-52, Keyboard Clock

IC-13 pin V1 to P14-52, Keyboard Data

+5 V to P14-52, Keyboard +5V

+5 Return to P14-52, Keyboard Power and Signal Return

As a matter of conveniently and to avoid physically opening the EUT numerous times, two SM-17s are being used. One configured with the changes noted above for tests that require Windows support. The second SM-17 will run Linux and this unit has the hard drive disconnected. This was necessary to keep the Linux operating system from overwriting the Windows operating system which is resident on the hard drive. With two SM-17s two test configurations are supported, configuration 1 and configuration 2.

Configuration 1: Radio Module Testing

Using a Windows based test utility to control operation of the IEEE802.11abg radio module. All other ports of the EUT will be terminated with respective devices but not operated.

Configuration 2: Remaining Test

Using a Linux based test utility provided by Panasonic Avionics Corporation to control operation of the entire EUT. All ports of the EUT will be terminated with respective devices and operated as close as possible to the final configuration.

Sincerely,

By:



(Signature)

Mr. Loi Ninh

(Print name)

Title:

Director Hardware Engineering

On behalf of:

Panasonic Avionics Corporation

(Company Name)

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