1.0 GENERAL INFORMATION

The following Application for FCC Certification of a Class B Device is prepared on behalf of Korea Data Systems, Co. Ltd. in accordance with Part 2, and Part 15, Subparts A and B of the Federal Communications Commissions rules and regulations. The Equipment Under Test (EUT) was the Korea Data Systems, Co. Ltd., KD-1900 19" Monitor, FCC ID: EVOKD-1900. The test results reported in this document relate only to the item that was tested.

All measurements contained in this Application were conducted in accordance with ANSI C63.4 Methods of Measurement of Radio Noise Emissions, 1992. The instrumentation utilized for the measurements conforms with the ANSI C63.4 standard for EMI and Field Strength Instrumentation. Some accessories are used to increase sensitivity and prevent overloading of the measuring instruments. These are explained in the appendix of this report. Calibration checks are performed regularly on the instruments, and all accessories including the high pass filter, preamplifier and cables.

All radiated and conducted emissions measurements were performed manually at Rhein Tech Laboratories, Inc. The radiated emissions measurements required by the rules were performed on the ten meter, open field, test range maintained by Rhein Tech Laboratories, Inc., 360 Herndon Parkway, Suite 1400, Herndon, Virginia 20170. Complete description and site attenuation measurement data have been placed on file with the Federal Communications Commission. The power line conducted emission measurements were performed in a shielded enclosure also located at the Herndon, Virginia facility. Rhein Tech Laboratories is accepted by the FCC as a facility available to do measurement work for others on a contract basis.

1.1 PRODUCT DESCRIPTION

Features:

- Multi-scanning at horizontal frequencies of 30kHz to 95kHz, vertical frequencies of 50Hz to 120Hz.
- 19 inch (18" viewable) FST (Flat Square Technology) picture tube with ARASC/ARECS high-definition, anti-glare coating.
- 0.26mm fine dot pitch.
- Microprocessor-based design with digital controls.
- Windows® 95 plug and play (VESA® DDC2B)
- 11 Preset modes.
- Overscan capability for increased viewable area.
- Compatible with standard IBM VGA, extended VGA, Super VGA, IBM XGA, XGA/2, CAD/CAM Graphic as well as all VESA® ergonomic standards.
- Compatible with Apple® Macintosh™.
- Universal power supply.
- MPR II compliant, TCO95.

1.2 RELATED SUBMITTAL(S)/GRANT(S)

N/A. This is an original submittal.