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1 GENERAL INFORMATION

The following Report of a Type Certification is prepared on behalf of *Vertex Standard Co., LTD* in accordance with the Federal Communications Commissions and Industry Canada Rules and Regulations. The Equipment Under Test (EUT) was the *VX-600V/900V; FCC ID: K66VX-900V-2*. The test results reported in this document relate only to the item that was tested. **The VX-900V and the VX-600V are identical both electrically and mechanically. The only difference between both units is a LCD display that is removed from the VX-900V to form the VX-600V. The VX-600V/900V supports 5 watt, and 1 watt. It was determined during testing that the VX-900V 5 watt was the worst-case. Hence throughout this report the VX-900V was used for testing. The manufacturer intends to remove the LCD display measured at 1 inch by 0.5 inch leaving all other electronic and mechanical supporting components.**

All measurements contained in this application were conducted in accordance with FCC Rules and Regulations CFR 47, Industry Canada RSS-119, and ANSI C63.4 Methods of Measurement of Radio Noise Emissions, 1992. The instrumentation utilized for the measurements conforms to the ANSI C63.4 standard for EMI and Field Strength Instrumentation. Calibration checks are performed regularly on the instruments, and all accessories including high pass filter, coaxial attenuator, preamplifier and cables.

1.1 TEST FACILITY

The open area test site and conducted measurement facility used to collect the radiated data is located on the parking lot of Rhein Tech Laboratories, Inc. 360 Herndon Parkway, Suite 1400, Herndon, Virginia 20170. This site has been fully described in a report submitted to and approved by the Federal Communication Commission to perform AC line conducted and radiated emissions testing (ANSI C63.4 1992).

1.2 RELATED SUBMITTAL(S)/GRANT(S)

This is an original application report.