

EXHIBIT 5. RADIATED EMISSIONS TEST

5.1 Test Setup

The test setup was assembled in accordance with Title 47, CFR FCC Part 15 and ANSI C63.4-2003. The EUT was placed on an 80cm high non-conductive pedestal, centered on a flush mounted 2-meter diameter turntable inside a 3 meter Semi-Anechoic, FCC listed Chamber. The EUT was operated in continuous transmit mode using power as provided by bench DC power supply which was able to supply +6.4 VDC to the EUT. The unit has the capability to operate on 3 channels, controllable via keypads on the face of the EUT.

The applicable limits apply at a 3 meter distance. Measurements above 5 GHz were performed at a 1.0 meter separation distance. The calculations to determine these limits are detailed in the following pages. Please refer to Appendix A for a complete list of test equipment. The test sample was operated on one of three (3) standard channels: low (902.6 MHz), middle (915.2 MHz) and high (927.2 MHz) to comply with FCC Part 15.35. The channels and operating modes were changed using controllable via keypads on the face of the EUT

5.2 Test Setup Photo(s) – Radiated Emissions Test

Vertical Orientation



Prepared For: ID Systems, Inc.	Model #: UVAC03	LS Research, LLC
EUT: UVAC03	Serial #: 05-VP392808-FLX	Template: 15.247 DTS TX (V2 9-06-06)
Report #: 306465 TX	Customer FCC ID #: N5VVAC03	Page 11 of 48

Horizontal Orientation



Side Orientation



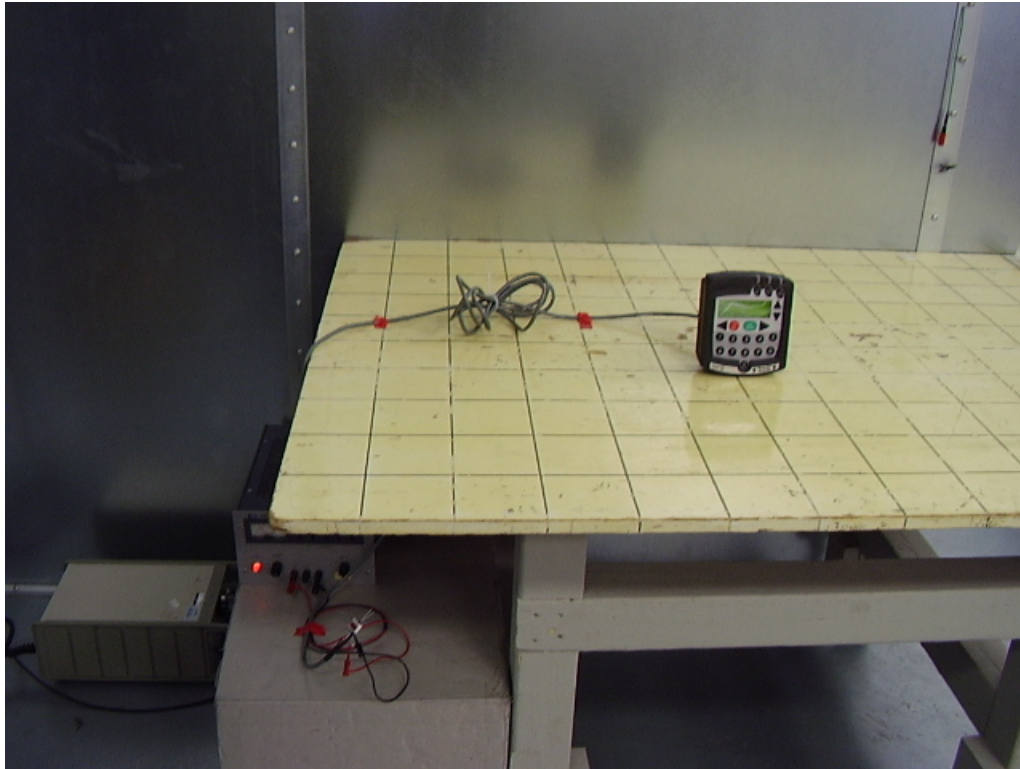
Prepared For: ID Systems, Inc.	Model #: UVAC03	LS Research, LLC
EUT: UVAC03	Serial #: 05-VP392808-FLX	Template: 15.247 DTS TX (V2 9-06-06)
Report #: 306465 TX	Customer FCC ID #: N5VVAC03	Page 12 of 48

EXHIBIT 6. CONDUCTED EMISSIONS TEST, AC POWER LINE: 15.207

6.1 Test Setup

The test area and setup are in accordance with ANSI C63.4-2003 and with Title 47 CFR, FCC Part 15 (Industry Canada RSS-210, Issue 6). The EUT was placed on a non-conductive wooden table, with a height of 80 cm above the reference ground plane. The EUT's power cable was plugged into a 50 Ω (ohm), 50/250 μ H Line Impedance Stabilization Network (LISN). The AC power supply of 120V was provided via an appropriate broadband EMI Filter, and then to the LISN line input. After the EUT was setup and connected to the LISN, the RF Sampling Port of the LISN was connected to a 10 dB Attenuator-Limiter, and then to the HP 8546A EMI Receiver. The EMC LISN used has the ability to terminate the unused port with a 50 Ω (ohm) load when switched to either L1 (line) or L2 (neutral).

6.2 Test Setup Photo(s) – Conducted Emissions Test



Prepared For: ID Systems, Inc.	Model #: UVAC03	LS Research, LLC
EUT: UVAC03	Serial #: 05-VP392808-FLX	Template: 15.247 DTS TX (V2 9-06-06)
Report #: 306465 TX	Customer FCC ID #: N5VVAC03	Page 21 of 48