**DRAFT Test Assertions for VVSG 1.0 Section 7.7.2**

**August 24, 2015**

**Requirement 7.7.2**

**VVSG 1.0 Requirement 7.7.2:**

Since there are a wide variety of wireless technologies (both standard and proprietary) and differing physical properties of wireless signals, it is important to identify some of the characteristics of the wireless technologies used in the voting system.

1. If a voting system provides wireless communications capabilities, then there shall be a method for determining the existence of the wireless communications capabilities.
2. If a voting system provides wireless communications capabilities, then there shall be an indication that allows one to determine when the wireless communications (such as radio frequencies) capability is active.
3. The indication shall be visual.
4. If a voting system provides wireless communications capabilities, then the type of wireless communications used (such as radio frequencies) shall be identified either via a label or via the voting system documentation.

**Test Assertions**

**TA772a-1:** IF a voting system provides wireless communications capabilities THEN that voting system SHALL provide at least one method for determining the existence of the wireless communications capabilities.

**TA772b-1:** IF a voting system provides wireless communications capabilities THEN that voting system SHALL provide at least one indication that allows one to determine when the wireless communications (such as radio frequencies) capability is active.

**TA772c-1:** The indication SHALL be visual.

**TA772d-1:** IF a voting system provides wireless communications capabilities THEN that voting system SHALL identify the type of wireless communications used (such as radio frequencies).

**TA772d-1-1:** The identification SHALL be via one of the following two methods: EITHER via a label OR via the voting system documentation.