wavemark

18 December 2009

WaveMark, Inc.
One Monarch Drive
Littleton, MA 01460

Dear TCB Reviewer:

WaveMark is seeking limited modular approval for an RF module (consisting of 2 parts: Tagsense Proximity Reader with integrated antenna, and interface module with local power regulation and communication function) that will be installed only in WaveMark end products under the control of WaveMark.

1. **"The modular transmitter must have its own RF shielding."** Unit tested did not have shield over the RF section. Unit was tested in the host device representing the worst case configuration for receiving RF noise and interfering with the host with radiated noise from the module.

2. "The modular transmitter must have buffered modulation/data inputs." The EUT has buffered data inputs to insure compliance with Part 15 requirements under conditions of excessive data rates or over-modulation. Please see the Schematics exhibit / block diagram / or operational description for the radio.

3. "The modular transmitter must have its own power supply regulation." The EUT has its own power supply regulation to insure compliance with Part 15 requirements regardless of the quality or level of external DC supplying the module from the host unit. Please see Schematics exhibit.

4. **"The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c)."** Module and its antenna are integrated and cannot be substituted. In addition, installation is under the control of WaveMark manufacturing only.

5. **"The modular transmitter must be tested in a stand-alone configuration."** The EUT was not tested in a stand-alone configuration. The module was installed in WaveMark cabinet MN: HF1500D. WaveMark intends to install the module in the following cabinets: HFH1500D and HF1500D. The access door assembly that contains the EUT is identical in these two cabinet model numbers. This is why Wavemark is seeking limited modular approval of their HF1000 radio module in this host specific configuration.