

**CRANE**

**Wireless Monitoring  
Solutions**

April 21, 2008

Federal Communications Commission  
EQUIPMENT AUTHORIZATION BRANCH  
7435 Oakland Mills Road  
Columbia, MD 21046

To Whom It May Concern:

Signal Technology WMS hereby authorizes Nemko to act as our agent in the preparation of this application for equipment certification of the Remote Telemetry for Vending, model RTV2400.

We respectfully request that the radio module in this FCC filing be considered as a modular approval. The following conditions set forth in FCC Public Notice DA 00-1407 have been met.

1. The modular transmitter must have its own RF shielding.

The rf board contains its own shielding to prevent coupling of spurious emissions to other boards.

2. The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with Part 15 requirements under conditions of excessive data rates or over-modulation.

The modulation inputs are buffered within the radio chip.

3. The modular transmitter must have its own power supply regulation.

The transmitter module has its own power supply regulation and EMI filtering.

4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).

The antennas approved with this module use reverse-gender SMA connections.

5. The modular transmitter must be tested in a stand-alone configuration.

The module was tested outside of an enclosure.

6. The modular transmitter must be labeled with its own FCC ID number, and, if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: XYZMODEL1" or "Contains FCC ID: XYZMODEL1."

The radio module is labeled with its own FCC ID number and the Part 15 two condition statement. In cases where this label is not visible in the final installation, a label is provided by

the module manufacturer to be placed on the outside of the final product enclosure. This label states, "This device includes a radio module identified as FCC ID.: XXXXXXXXXX"

7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.

This module complies with all applicable FCC rule parts under CFR 47, Part 15.247 for DTS transmitters operating in the band 2.4-2.4835 GHz provided that the antennas referenced in the User/Installer manual are used.

8. The modular transmitter must comply with any applicable RF exposure requirements. RF exposure conditions are explained in the User/Installer manual. As long as the antennas referenced in the manual are used and a minimum separation distance of 20 cm. is met the module complies with RF exposure requirements.

APPLICANT ANTI-DRUG ABUSE CERTIFICATION:

In signing this letter, Applicant certifies that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits, that includes: FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 853(a), or, in the case of a non-individual applicant. No party to the application is subject to a denial of federal benefits, that includes FCC benefits, pursuant to that section. For the definition of a "party" for these purposes, see 47 CFR 1.2002(b).

Sincerely,

Charlie Stuewe  
Vice President & General Manager  
Signal Technology WMS