



## Modular Approval Letter

March 29, 2012

The Device, FCC ID: **JUP-76577WFBT**, is seeking FCC authorization as a modular transmitter. The EUT meets the requirement for modular approval as detailed in FCC Public Notice DA 00-1407. Compliance to each of the requirements is described below:

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

The module itself is unshielded. The shielding requirement is met by the hosts in which the modular radio will be integrated. These hosts (Trimble R10, SPS985) provide the necessary RF shielding for the radio module.

2. The modular transmitter must have buffered modulation/data inputs.

Yes.

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

The module has an internal regulator for the 1.2V core, and the evaluation board (used to test the module conducted RF emissions and performance) contains the 1.8V regulator. The 3.3V power is regulated by the host (R10, SPS985).

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

The module was tested with three different types of antennas. Two of these antennas are internal (R10 and SPS985) and the other antenna is external (SPS985 variant, reverse-polarity TNC connector). Only these antennas are allowed to be used with this module.

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

The module demonstrates full compliance while integrated in specific host units (R10, SPS985).

6. The modular transmitter must be labeled with its own FCC ID number.

The FCC ID and other module-related markings will be displayed on the host unit (R10, SPS985) label.

7. The modular transmitter must comply with any specific rule or operating requirements and the manufacturer must provide adequate instruction along with the module to explain any such requirements

This is achieved by host unit (R10, SPS985) documentation provided by the grantee to the end user.

8. The modular transmitter must comply with any applicable RF exposure requirements

RF exposure based on modular performance and approved antennas was calculated and found to be in compliance.



Sincerely,

A handwritten signature in cursive script that reads "Patrick Robinson".

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