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## Single Modular Approval Declaration Letter

We, Horizon Hobby, LLC, apply single modular approval for

Product Name: Waco RF Module

Model: Waco

FCC ID: BRWWACO1T

According to 996369 D01 Module Equip Auth Guide v01r04 and 15.212 requirement:

1) The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly;

*Answer: Yes, both sides are shielded*

2) The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;

*Answer: Yes, All inputs to the modules are buffered through logic or microprocessor inputs.*

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

*Answer: Yes. A low drop out regulator is used for modular power supply regulation.*

4) The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);

*Answer: Yes, Device is equipped with Integral Solder 1/4 Wave Antenna.*

(5) The module must demonstrate compliance in a stand-alone configuration;

*Answer: Yes, This module was tested at least 10cm distance between modular and AEs ; please refer to test setup photo.*

(6) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements);

*Answer: Yes, the module is permanently etched with the FCC ID on the module. And requirement statement(s) was listed in the Users Manual. Host devices will be labelled to display the FCC ID of the module: Contains FCC ID: BRWWACO1T*

(7) The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;



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*Answer: Yes, the module complies with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee. Refer to test report and user manual.*

(8) The module must comply with RF exposure requirements

*Answer: Yes, transmitter meets MPE calculation of 47 CFR 1.1307 . Refer to MPE Reports and modular installation manual.*

Signature

A handwritten signature in black ink, appearing to read "CDickerson", followed by a horizontal line extending to the right.

Name: Christopher Dickerson

Title: President and EVP of Product Management and Marketing

Applicant Company: Horizon Hobby, LLC