

Limited Single-Modular Transmitter Attestation

FCC ID: 2A9Z7-TD000

Limited Single-Modular Transmitters Subject to § 15.212 of the FCC Rules

Requirements of § 15.212(a)(1) as summarized below	Comments
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;	Achieved
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;	Not Achieved (See Note 1)
3. The module must contain power supply regulation on the module;	Not Achieved (See Note 1)
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)	Achieved (See Note 2)
5. The module must demonstrate compliance in a stand-alone configuration;	Achieved
6. The module must be labeled with its permanently affixed FCC ID label, or use an electronic display;	Achieved
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;	Achieved
8. The module must comply with RF exposure requirements.	Achieved

General Note: The module has an onboard level shifter that buffers and inverts the BOOT0 signal coming from the Teal Drones drone. All signals on the drone are level shifted and buffered from 1V8 on the host processor to 3V3 at the connector that brings those signals off-board. The power supply rail is filtered with a ferrite on the module.

Note 1: Currently items 2 and 3 are accomplished on the main mother board of the Teal Drones apparatus. As such, this limited single-module attestation letter is to provide confirmation that this module will only be installed in Teal Drone manufactured apparatuses which will cover these two items.

Note 2: The antenna is a Flexible-Strip antenna connected to a UFL connector on the printed circuit board. The Flexible-Strip antenna will be located inside the manufactured final device and is not user replaceable.

Sincerely yours,



Chris Mlazgar
Electrical Engineer | Teal Drones