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The Wireless RainSensor™ Company

11-06-03

Details for 418MHz models, radio frequency testing, Class II permissive change request

Models:

RS1000 Irritrol Systems Wireless RainSensor

RSF1000 Irritrol Systems Wireless RainSensor with Freeze Option

Dear Sir/Madam:

We are making a Class II permissive change request and would like to detail the changes in the currently tested models (RS1000, and RFS1000) over the originally granted/tested models (WRS1, and WRS1-F).

The changes are:

1. The input battery power into the transmitter module is now regulated to exactly 3V, whereas in the old models this input voltage began at 6V and would decrease with battery drain.
2. The attenuation resistors leading to the antenna have been removed (since the input is now 3V this still allows the Tx level to be within limits as shown in the test data)
3. The PCB layout has changed slightly to accommodate the voltage regulator, and the battery holder has been repositioned.

Best Regards,

A handwritten signature in black ink, appearing to read 'Bruce Downie', written in a cursive style.

Bruce Downie