

3/22/2018

Request For a Modular Approval

Dear Application Examiner,

The Spectrum Brands SmartCode ZigBee Module 450202 is seeking FCC authorization as a limited modular approval. The following requirements are fulfilled:

1. The modular transmitter must have its own RF shielding

Answer: It does not have its own shield. Thus, this will be a limited modular approval.

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

Answer: The inputs are not buffered. Thus, this will be a limited modular approval.

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

Answer: Yes, it has a LDO (Low Dropout Voltage Regulator)

4. The modular transmitter must comply with the antenna requirements of Section 15.203

Answer: Yes, the antenna is a chip antenna soldered onto the PCB.

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

Answer: No, because it is mounted in each host that it will be used for during the testing.

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

Answer: Yes, the label will be placed on the top of the unit. Please see the FCC ID Label exhibit.

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.

Answer: The unit is a limited modular approval. The unit is already pre-installed into each host at the factory.

8. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.

Answer: Yes, please see the SAR exclusion exhibit for compliance.

Note: The unit does not have its own RF shielding therefore it is not meeting full modular requirement and hence a limited modular approval is being requested.

The EUT has been tested in six different host configurations.

These six host configurations are the only devices the EUT will be installed into. Spectrum Brands Inc Inc. will have control of the modules.

If you have any further questions or need additional information, please feel free to give me a call at Spectrum Brands, Inc.

Sincerely,



Thuan Nguyen
Senior Electronics Engineer