

RE: Schrader Electronics Limited

FCC ID: **MRXGM07433A (ATCB4016)**

The following is in response to the comments made on the above referenced application.

1 The block diagram provided does not contain any operating frequencies. Block diagrams should contain the frequencies of any crystals or oscillators.

The 13.56 MHz crystal oscillator frequency is included in the Block Diagram. However, the operating frequency was mistakenly not included. An updated version of the diagram has been provided that includes the operating frequency of the device.

2 Typically, Industrie Canada requires that the company name and the model number of the device appear on the "label" in addition to the Industrie Canada ID. While the URL for the company does appear on the device, there does not appear to be a model number. Deviations from the labeling requirements for Industrie Canada can ONLY occur with the approval of Industrie Canada, thus not having a model number on the device will require approval from IC. ATCB can approach IC, or the lab or the client. Please confirm who should contact IC regarding this matter -or - add the model number to the device. (Additionally if it is possible, it is preferable that the company name appear on the device rather than just the URL.

The model number is included in the FCC Identification number. In the past, we have not had a problem certifying devices where the FCC ID number is used as the model number.

3 The operating description of the device mentions a "Learn mode". Please provide additional information on this mode. What parameters are "learned" by this transmitter. How is the learning accomplished, and any additional information that describes the learning process in detail. Depending on the reply and the parameters learned, this device MAY have to be certified by the FCC rather than a TCB. I will continue my review of this application, so there may be additional comments / questions, but I want to resolve the learning TX question as soon as possible so if the device does have to go to the FCC we can make that change ASAP.

The "Learn" mode referenced in the Description of Operation (DoP) relates to the process of training the automobile's RF receiver to recognize a particular TMP sensor. (For example, when the tires are changed or rotated, the car must "learn" the new tire placement in order to properly indicate which tire has a low pressure.) So far as the transmitter is concerned, this "Learn" mode only consists of a slightly modified modulation scheme (as indicated in the DoP) to ensure the automobile recognizes the tire in a timely manner upon LF actuation.) As detailed in the test report, this service mode falls under FCC part 15.231(a)(5).