



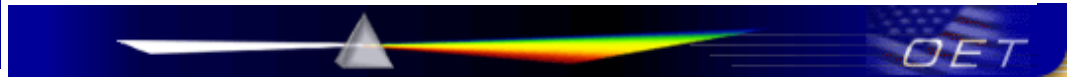
Joseph Brunett &lt;jdbrunett@gmail.com&gt;

## Response to Inquiry to FCC (Tracking Number 972797)

oetech@fccsun27w.fcc.gov &lt;oetech@fccsun27w.fcc.gov&gt;

Mon, Sep 27, 2010 at 3:07 PM

To: jbrunett@umich.edu

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### Office of Engineering and Technology

#### Inquiry:

---Reply from Customer on 09/22/2010---

Per our telephone discussion today, the following should help to clarify the product's operation in the programming mode. When programming the unit, the consumer selects from a set of 5 different "guess and test" programming modes (4 modes called fixed-code modes that are selected based on the number of dip switches on their garage door remote, and one rolling code mode selected from the make and model of their door opener). Once the user has made this choice, they then employ only that one programming mode in training their door opener receiver. The 8 frequencies certified in the original product are employed across these 5 modes, with the longest guess time belonging to the 9-dip fixed code mode which employs 4 of the certified frequencies in a guess time of 55 seconds. The other 4 modes (8-dip, 10-dip, 12-dip fixed, and rolling code mode) all took less than 55 seconds to complete, and each employed no more than 4 of the certified frequencies. The new product is almost identical, employing the same 5 "guess and test" programming modes plus a non-transmitting gate programming mode. To extend the functionality of the product to a greater number of door openers, 4 new frequencies are being added to the product. For example the 9-dip fixed code programming mode now employs a total of 8 frequencies in less than 55 seconds. This is accomplished by decreasing the time spent at each frequency. All of the "guess and test" programming modes continue to have total guess times less than 55 seconds in the new product.

#### Response:

The proposal is acceptable for filing based on approval of the original version and the following.

- 1) While the device transmits on more frequencies than the original device, the total time in a single programming mode during setup is still within the time approved in the original. (55sec.)
- 2) The device is designed for a single programming mode based on user selection.
- 3) The aggregate bandwidth of the frequencies in the programming mode meets the bandwidth requirement.
- 4) In normal use, the device is still permitted, as approved in the original device, of transmitting at 315 Mhz and 390 MHz with a single button press to mitigate interference as noted in the original request.

Future proposals do not need coordination with the FCC if it operates within the above conditions.

If the above is confirmed, no other reply is necessary. Otherwise, please explain.