

Request for Special Temporary Authority
Transmitter Description

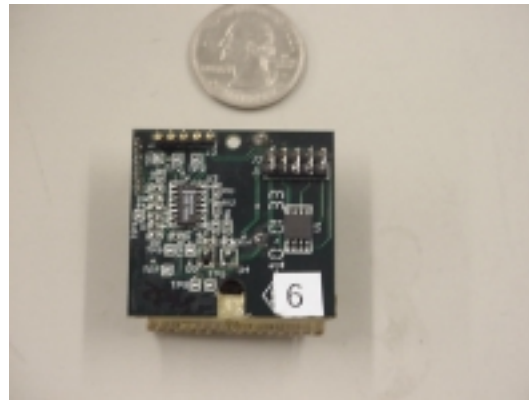
Key aspects of the transmitter:

- 1) The transmitter is a battery operated (3V) device that transmits a 315MHz signal to the receiver.
- 2) The receiver, powered by a 9V battery, is used to actuate a solenoid. The transmitter and receiver are intended to be used within the same room and the maximum range of the transmitter is limited to approximately 15 ft.
- 3) The transmitter and receiver each have a time-out feature that allows the unit no more than once every minute.
- 4) The unit was tested and meets Class B levels of CFR 47 Part 15.

For your reference, below are some photos of the transmitter.



Transmitter (Top Side)



Transmitter (Bottom Side)

The reason for the STA request is to allow the use of 10 units in a residential environment. 10 units will be distributed to 10 user and are intended to be used for 2 weeks. At the end of the two weeks, the units are collected and users provide feedback on the use of the transmitter and receiver. Engineering reviews the user feedback and makes final modifications to the unit.