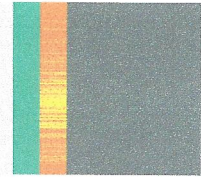


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GHOST
CONTROLS



April 1, 2016

Federal Communications Commission

Subject: DA 02-2850 Letter of Attestation of 'Learned Mode' Wireless Keypad Transmitter
Project#: G102497759
Report #: 102497759BOX-001
Model: AXWK

Dear Sir or Madam,

The transmitter in this application can only transmit at $433.92\text{MHz} \pm 1\text{MHz}$ as described by the accompanied test report. The transmitting frequency of $433.92\text{MHz} \pm 1\text{MHz}$ and the output power cannot be modified by firmware changes or by the end user. The 'Learn Mode' is restricted to 'learn' ONLY from another Ghost Controls transmitter with the same transmitting frequency and coding scheme. Therefore, the 'learn' signal that is to be retransmitted is of the same RF characteristics with different bit stream information.

'Learn Mode' Functions and Descriptions:

1. Antenna hardware is a simple single loop tuned LC circuit tuned to 433.92 MHz. Therefore, it cannot be modified by the firmware or the user.
2. 'Receiver' portion has no gain so that it can only detect another transmitter from less than 1" away.
3. 'Receiver' is a simple peak detector circuit to convert carrier frequency to baseband frequency.
4. Firmware is designed to verify the baseband signal's pulse width complies with Ghost Controls coding scheme. If it does not comply the signal will NOT be learned.
5. The firmware is designed to ONLY transmit Ghost Controls signal.

Sincerely yours,


Mickey Nguyen
Director of Electronic Design

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