



Federal Communications Commission
 Authorization and Evaluation Division
 1435 Oakland Mills Road
 Columbia, MD 21046

Date: 2016. 12. 15.

SUBJECT: Duty cycle attestation Statement Letter

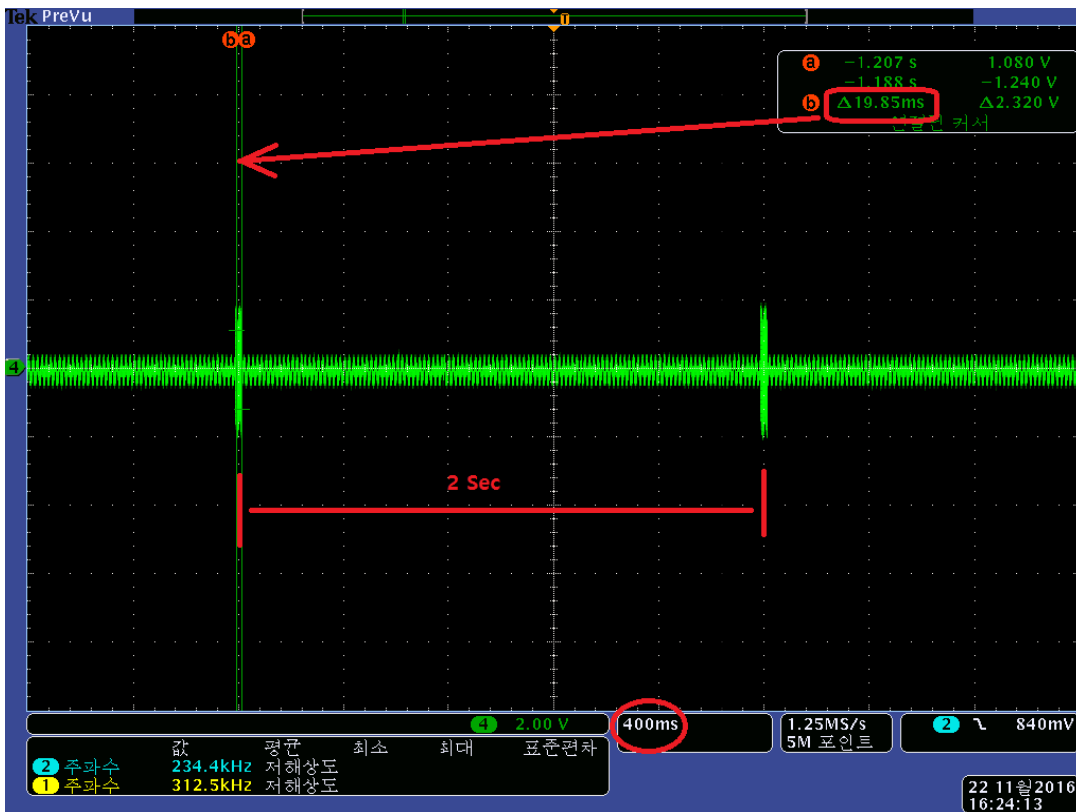
To Whom It May Concern:

Both radio(PT10U) and training collar(PC10U) use the same TDMA protocol. It is a custom protocol for this application that has the opportunity to transmit and receive a packet every 80 ms. Typically, the radio will not be transmitting.

In the worst-case transmission scenario, the radio would transmit for 20 ms out of every 80 ms for no more than 12 seconds. This transmission (radio to training collar) is sending stimulation commands to the training collar. All transmissions occur at 10 Kbps as a GFSK modulated MURS band signal.

The communication during periodic transmission is sending the PT10U device position to other PT10U users.

Periodic transmissions occur once every 2 seconds. The transmission takes 20 ms and transmits data at 10 Kbps using GFSK modulation on the MURS bands.



※ Duty cycle is 0.9925 % = (19.85 ms / 2000 ms) x 100

Sincerely,

Yong Byeong Chae
 Associate manager

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