



700 Main Ave  
Fargo, ND 58103



[www.701x.com](http://www.701x.com)

December 8th, 2022

Attention: Application Examiner

RE: cTag Transmission Duty Cycle  
Applicant: 701x, Inc  
FCC ID: 2AZT3-701CT1

To Whom It May Concern:

The cTag product uses the Bluetooth Low Energy protocol for wireless communication. Thus, the device firmware limits the transmission time of the BLE transmitter to align with the BLE standard. In addition, the device application FW further limits the transmission duty cycle to be much lower than what the BLE standard allows. The cTag is considered a low power device and as such, the device application firmware limits transmissions to conserve battery, thus no large bursts of data or files are ever sent. Neither the user nor the paired device can control the transmission time of the cTag.

For duty cycle measurements, all operations modes of operation were considered, and the worst-case scenario was used for measurement. In this mode, the user device is holding a BLE connection to the cTag.

Sincerely,

A handwritten signature in black ink that reads "Braydon Love".

Braydon Love  
Certification Engineer  
701x