

FCC ID: HZB-L49U24U50 Attestation

FCC 15.407(c) states: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control, or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Applicants shall include in their application for equipment authorization a description of how this requirement is met.

How the requirement is met

Data transmission is always initiated by software, which is passes down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets (ACKs, CTS, PSpoll, etc.) are initiated by the MAC. Only if these packets are present will the baseband portion turn on the RF transmitter, which will turn off at the end of the packet. Therefore, the transmitter will be ON only while one of the aforementioned packets is being transmitted.