

Cover Letter

Dear FCC,

Product Creation Studio is the design agent acting on behalf of Qwizdom Inc. of Puyallup, WA. Qwizdom is developing a RF audience response system for use in educational, trade-show, entertainment and boardroom environments. The following exhibits pertain to the Q Host product, which acts as a bridge between their existing wireless data collection devices (Q4 RF, Q4U RF, Q5 RF, Q2 RF) and a personal computer. The Q Host uses the MC13201FCR2 radio transceiver from Freescale semiconductor. This is the request for original certification for the Q HOST product as a Class B digital device that adheres to the requirements of 47 CFR 15.247 under FCC ID: SJB-QHOST. The RF Exposure condition for the Q Host is portable, closer than 20 centimeters from the user.

The MC13201 is a 2.4GHz Direct Sequence Spread Spectrum radio. The original design was based on IEEE 802.15.4 requirements for personal area wireless networks. While our application is not IEEE 802.15.4 or ZigBee compliant, it works in a very similar manner to those networking standards. We have a similar packet structure and a similar "listen before send" clear channel assessment process.

Thank you for consideration of this application.

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