

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 Q4 RF product, which acts as a remote data collection unit communicating with the Host RF product. All associated products use the same radio, the Freescale MC13191FC. This is the request for original certification for the Q4 RF product as a Class B digital device that adheres to the requirements of 47 CFR 15.247.

The MC13191 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.

Scott Thielman, PhD
Vice President
Product Creation Studio
5425 Ballard Ave NW
Suite 100
Seattle, WA 98107
206-297-7200
fax 206-297-7201