



(11) RF Exposure DZLA00024

**Compliance with 47 CFR 15.247(i)**

*“Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines. See § 1.1307(b)(1) of this chapter.”*

The EUT is a USB dongle transceiver that allows cordless communication of speech and music between a source and the unit. It can be considered a portable transmitter per 47 CFR 2.1093 because it is intended to be used with a PC which may be within 20cm of the user. The antenna is internal to the unit and permanently attached. The antenna is a monopole quarter wavelength antenna with -2.30 dBi gain. The maximum peak conducted output power is 4.10mW.

The maximum peak power is 2.41mW (EIRP) for FCC ID: DZLA00024. The transmit frequency is 2405 to 2477 MHz, therefore the EUT does not require routine SAR evaluation because it falls below the low power threshold of  $60/f(\text{GHz})\text{mW}$ . Please see this excerpt from KDB 447498D01 Mobile Portable RF Exposure v04, item 2)(a)(i):

"a device may be used in portable exposure conditions with no restrictions on host platforms when either the source-based time-averaged output power is  $\leq 60/f(\text{GHz})\text{mW}$  or all measured 1-g SAR are  $< 0.4 \text{ W.kg.}$ "

The applicant's wireless radio, FCC ID: DZLA00024, is compliant with the requirements of 15.247(i).