



(9) RF Exposure A-00006

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 wireless headset 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. The antenna is internal to the unit and permanently attached. The antenna is a monopole quarter wavelength antenna with 1.57 dBi gain. The maximum peak conducted output power is 1.22 mW.

The maximum peak power is 1.75 mW (EIRP) for FCC ID: DZLA-00006. The transmit frequency is 2405 to 2477 MHz, therefore the EUT does not require routine SAR evaluation per “TCB Exclusions List”, footnote 3 (dated July 17, 2002). See below:

The exposure category is “General Population”. The distance is < 2.5 cm. Therefore the “Low Threshold” is 24.5 mW (EIRP) – above which routine SAR evaluation would be required. Since the maximum peak power of the EUT is 1.75 mW (EIRP), routine SAR evaluation is not required.

The applicant’s wireless radio, FCC ID: DZLA-00006, is compliant with the requirements of 15.247(i).