

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 Bluetooth dongle, M/N: F-0461B, which is designed to enable two-way transmission with a Bluetooth headset. It can be considered a portable transmitter per 47 CFR 2.1093(b) when used in a laptop. The antenna is internal to the unit and has a peak gain of 1.07 dBi. The headset operates in the 2400-2483.5 MHz band. The maximum peak conducted output power is 1.652 mW.

The maximum peak power is 2.11 mW (EIRP) for FCC ID: DZLF0461B. The transmit frequency is 2402-2480 MHz, therefore the EUT does not require routine SAR evaluation per "TCB Exclusion List", footnote 3 (dated July 17, 2002). See below:

The exposure category is "General Population." The distance is < 20 cm. Therefore the "Low Threshold" is 50 mW (EIRP) - above which routine SAR evaluation would be required. Since the maximum peak power of the EUT is 2.11 mW (peak EIRP), routine SAR evaluation is not required.

The applicant's Bluetooth radio, FCC ID: DZLF0461B, is compliant with the requirements of 15.247(i).