

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 handheld device that provides a link between the Clinician Programmer to an Implanted Medical Device, It contains MICS, Inductive and Bluetooth radios. It can be considered a mobile transmitter per 47 CFR 2.1091. It is not designed for body worn use. The antenna is a ceramic chip antenna and is soldered on the circuit board. It has -0.6 dBi of gain. The maximum peak conducted output power is 2.4 mW.

The maximum peak radiated power is 2.1 mW eirp for FCC ID: LF58880T2. The transmit frequency is 2402 to 2480MHz, therefore the EUT does not require routine SAR evaluation nor MPE estimates 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: LF58880T2, is compliant with the requirements of FCC 15.247(i).