

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 can be body-worn and therefore can be considered a portable transmitter per 47 CFR 2.1093(b). The maximum antenna gain is 5 dBi. The maximum peak conducted output power is 6.79 mW.

The maximum peak radiated power is 21.5 mW (EIRP) for FCC ID: RICMLC4. The transmit frequency is in the 902 – 928 MHz band, therefore the EUT does not require routine SAR evaluation because it falls below the TCB Exclusions List low power threshold of $60/f(\text{GHz})$ mW. See below:

The exposure category is “General Population”. The distance is < 2.5 cm. Therefore the “Low Threshold” is 65.6 mW (EIRP) – above which routine SAR evaluation would be required. Since the maximum peak power of the EUT is 21.5 mW (peak EIRP), routine SAR evaluation is not required.

The applicant's radio, FCC ID: RICMLC4, is compliant with the requirements of 15.247(i).