# EXHIBIT C - RF EXPOSURE EVALUATION

## Applicable Standard

FCC §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.

FCC §95.3385
Regardless of the power density levels permitted under this subpart, devices operating under the provisions of this subpart are subject to the radiofrequency radiation exposure requirements specified in §§ 1.1307(b), 2.1091, and 2.1093 of this chapter, as appropriate. Applications for equipment authorization of devices operating under this section must contain a statement confirming compliance with these requirements for both fundamental emissions and unwanted emissions. Technical information showing the basis for this statement must be submitted to the Commission upon request.

## Procedure

According to 447498 D04 Interim General RF Exposure Guidance v01, clause 2.1.2 1-mW Test Exemption:

Per § 1.1307(b)(3)(i)(A), a single RF source is *exempt RF device* (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.
This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions.
This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

## Measurement Result

For BLE:

| Frequency (MHz) | Conducted output power including Tune-up Tolerance | | 1-mW Exemption |
|---|---|---|---|
| | (dBm) | (mW) | |
| 2402-2480 | -1.3 | 0.74 | Compliant |

Note: The Conducted output power including Tune-up Tolerance provided by manufacturer.

For Radar:

| Frequency (GHz) | EIRP Average Output power (dBm) | Conducted output power | | 1-mW Exemption |
|---|---|---|---|---|
| | | (dBm) | (mW) | |
| 77-77.15 | -5.30 | -18.30 | 0.0148 | Compliant |

**Simultaneous transmission:**
The Total transmit power of BLE and Radar =0.74+0.0148=0.7548 mW

*Note: According to the TCB Council courseware: FCC RF Exposure Rules Interim procedure KDB 447498 D04, Rev March 2, 2022.*

**Result:** Compliant.

******* END OF REPORT *******