- FCC 47 CFR Part 2 Subpart J, §2.1093
- ♦ FCC KDB 447498 D01 General RF Exposure Guidance v06
- ♦ ISED Canada RSS-102 Issue 5 Amendment 1, (February 2021)
- Health Canada Safety Code 6
- ISED Canada Notice 2016-DRS001 (Updated July 2020)

FCC Estimated Simultaneous Transmission SAR level =

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[(max. power of channel, including tune-up tolerance, mW) \div (min. test separation distance, mm)] \times [V(F<sub>(GHz)</sub>)/x] for BT + [(max. power of channel, including tune-up tolerance, mW) \div (min. test separation distance, mm)] \times [V(F<sub>(GHz)</sub>)/x] for 134.2kHz + = [(2.6, mW) \div (5, mm)] \times [V(2.48)/7.5] for BT + [(0.65, mW) \div (5, mm)] \times [V(0.0001342)/7.5] for 134.2kHz + Note: Used 7.5 for x to cover worst case of head/body/extremity requirements. = 0.3 W/kg for BT + 0.00055 W/kg for 134.2 kHz
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ISED Canada Estimated Simultaneous Transmission SAR level =

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(Maximum power level including tuneup tolerance<sub>(mW)</sub> ÷ max power level of exemption at the same frequency and distance)(mW) × 0.4 W/kg = result W/kg for BT + (Maximum power level including tuneup tolerance<sub>(mW)</sub> ÷ max power level of exemption at the same frequency and distance)(mW) × 0.4 W/kg = result W/kg for 134.2kHz +  (2.6_{(mW)} \div 4(mW) \times 0.4 \text{ W/kg for BT } + (0.65_{(mW)} \div 71(mW) \times 0.4 \text{ W/kg for } 134.2 \text{ kHz} +
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= 0.26 W/kg for BT + 0.0037 W/kg for 134.2 kHz Estimated ISED Simultaneous Transmission SAR level (for BT + 134.2kHz) = 0.26 W/kg

Estimated FCC Simultaneous Transmission SAR level (for BT + 134.2kHz) = 0.30 W/kg

Therefore, the equipment meets the SAR Exemption requirements.