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RF Exposure Analysis – Routine Evaluation Exemption

FCC ID: USQ3796

Model number/name: 3796

The above device operates in the 2402-2480 MHz frequency band (Bluetooth LE).

The following FCC Rule Parts are applicable:

Part 2.1093 – Radiofrequency radiation exposure evaluation: portable devices

Part 1.1307(b)(3)(i)(A) - Blanket RF exposure exemption (i)

Part 1.1307(b)(3)(i)(C) - MPE test exemption (ii)

Part 1.1307(b)(3)(i)(B) - SAR test exemption (iii)

For the above device:

Transmitter frequency range = 2402-2480 MHz

Maximum time-averaged Power = -0.5 dBm (including tune-up tolerance)

Evaluation

From Part 1.1307, RF exposure exemption applies if the maximum transmitted power is less than the maximum of the following three criteria:

- i) Less than 1 mw Blanket exemption. $P_{TH} = 0.001 \text{ W}$ – §1.1307(b)(3)(i)(A)
- ii) determination of exemption under the MPE-based §1.1307(b)(3)(i)(C), if i) not met
- iii) determination of exemption under the SAR-based §1.1307(b)(3)(i)(B) if both i) and ii) are not met;

Conclusion:

The source-based, time-averaged power of -0.5 dBm is less than 1 mW (0 dBm) and therefore the above device is exempt from routine evaluation in accordance with §1.1307(b)(3)(i)(A).

Yours faithfully,

Aida Ayoubzadeh

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