



RF Exposure Analysis – SAR Test Exemption – OneTouch Verio Flex

FCC ID: 2ACT5-Z03

The OneTouch Verio Flex utilizes a Bluetooth LE transceiver that operates in the 2402 MHz to 2480 MHz frequency band.

The following FCC Rule Parts and Procedures are applicable:

KDB447498 D04 V01 – Interim General RF Exposure Guidance

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

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

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

For the OneTouch Verio Flex

Operating Frequencies: 2402 MHz to 2480 MHz

Declared Maximum Conducted Transmitter Output Power: -2 dBm (0.63 mW)
(including Tune Up tolerance)

Antenna System Gain: 1.0 dBi

Transmitter Maximum EIRP = -1.0 dBm (**0.8 mW**)

As the calculated EIRP is higher than the conducted transmitter output power this figure is compared to the specified exemption limits of Part 1.1307

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 OneTouch Verio Flex maximum EIRP is less than 1 mW and, therefore, complies with the RF exposure blanket exemption in accordance with §1.1307(b)(3)(i)(A).