

**RF exposure information according to FCC CFR 47 part 15, §15.247(i), part 2, §2.1093**

The keyfob is a portable device operating at 2425 MHz. It is equipped with an integrated internal antenna. No SAR evaluation required if a transmitter power is below the following low threshold:

$$60/f \text{ (GHz) [mW]} = 60/2.425 \text{ [mW]} = 24.74 \text{ [mW]}.$$

**Maximum measured transmitter power:**

| P <sub>out</sub> conducted |    | Maximum antenna gain,<br>dBi | P <sub>out</sub> EIRP |      |
|----------------------------|----|------------------------------|-----------------------|------|
| dBm                        | mW |                              | dBm                   | mW   |
| 17.97                      | 63 | -2                           | 15.97                 | 39.5 |

The duty cycle is 0.034 (according to test report ESSRAD\_FCC.23370 Table 7.3.4).

Maximum conducted power is 63 mW.

Equivalent conducted power is 63 mW x duty cycle = 63 mW x 0.034 = 2.14 mW,  
equivalent EIRP is 39.5 mW x 0.034 = 1.343 mW.

Threshold for no SAR evaluation is 24.74 mW.

Conclusion: No SAR evaluation is required since the maximum transmitter radiated power (both conducted and EIRP) is below the FCC threshold.