

**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:

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

**Maximum measured transmitter power:**

P <sub>out</sub> conducted		Maximum antenna gain, 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  $63 \text{ mW} \times \text{duty cycle} = 63 \text{ mW} \times 0.034 = 2.14 \text{ mW}$ ,  
equivalent EIRP is  $39.5 \text{ mW} \times 0.034 = 1.343 \text{ mW}$ .

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.