

RF exposure information according to FCC CFR 47 part 15, §15.247(i), part 2 §2.1093 and RSS-102

The panic button keyfob is a portable device operating in 912.750 – 919.106 MHz band. It is equipped with an integrated internal antenna.

Maximum measured transmitter power:

Mode of operation	Pout conducted		Maximum antenna gain, dBi	Pout EIRP	
	dBm	mW		dBm	mW
FHSS	10	10	-5.41	4.59	2.9

According to the manufacturer’s declaration the device transmits in 1 hour as follows:

- Parent search and sync 4 messages of 4.5 ms duration;
- Supervision 4 messages of 4.5 ms duration;
- Alarm 1 message of 5.2 ms duration;
- Supervision low bat 1 message of 5.2 m s duration;
- Low bat 1 message of 5.5 ms duration;
- ACK 1 message of 3.9 ms duration.

Total transmit time in 1 hour = 55.8 ms
The duty cycle is 0.0000155.

Maximum conducted power is 10 mW.
The equivalent averaged conducted power is

$$10 \text{ mW} \times \text{duty cycle} = 10 \text{ mW} \times 0.0000155 = 0.0154 \text{ mW}.$$

According to KDB 447498 D01 v05 and RSS-102 section 2.5.1 the device is excluded from SAR evaluation.