

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

The remote keypad may be wall mounted or used as a portable device operating in 912.750 – 919.106 MHz band. It is equipped with an integrated internal antenna.

Maximum measured transmitter power:

P _{out} conducted		Maximum antenna gain, dBi	P _{out} EIRP	
dBm	mW		dBm	mW
17.28	53.45	-2	15.28	33.72

According to the manufacturer's declaration in every 6 min the device transmits 2 supervision messages of 4 ms each and 4 messages following a key press of 8 ms / 5ms / 6ms / 5ms duration each. Total duration is 32 ms. The duty cycle is 8.88×10^{-5} .

Maximum conducted power is 53.45 mW.

Equivalent averaged conducted power is $53.45 \text{ mW} \times \text{duty cycle} = 53.45 \text{ mW} \times 8.88 \times 10^{-5} = 4.7511 \times 10^{-3} \text{ mW}$.

According to KDB 447498 D01 v05r02 and RSS-102 section 2.5.1 the device is excluded from SAR evaluation.