EXHIBIT 9 – FCC RF EXPOSURE EVALUATION

See Attached

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Date: 20 August 2018

TO:
Federal Communications Commission
7435 Oakland Mills Road
Columbia, Maryland 21046
USA

RE: RF Exposure Evaluation of Nestronics Model TXRX, FCC ID: 2AP75TXRX

The TXRX is a 903 – 927MHz, very low duty cycle digital transceiver used as the common transceiver in Nestronic's Home Anchor series of sensor products including PIR motion sensors, reed switch sensors, smoke detector sensors and personal alarm pendants. For the purpose of RF Exposure, the TXRX has a conservative output power of 0.3W. When used in a personal alarm pendant, the TXRX is capable of transmitting a single 280uSec packet every 0.5 seconds while in alarm mode, or an equivalent transmit duty cycle of .000280s/0.5s = 0.056%. The equivalent output power then is 0.056% X 0.3W = 0.000168W (0.168mW). This duty cycle cannot be altered by the user. Using the Standalone SAR Test Exclusion Threshold equation per KDB 447498 4.3.1a)

[(*max. power of channel, including tune-up tolerance, mW*) / (*min. test separation distance, mm*)] · [√f(GHz)] = [(0.0066mW)/(5mm)] * [√0.927] = 0.032 ≤ 3.0 for 1-g SAR

This device qualifies for Standalone SAR Test Exclusion per FCC KDB 447498. Should there be any questions or concerns, please feel free to contact me.

Sincerely,

Art Voss, P.Eng.

Approved:

Ben Hewson, President – Celltech Labs
Authorized Agent

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