



March 18, 2020
Insulet Corporation
SAW-ASIC Omnipod
FCC ID: RBV-SAW
IESD ID: 8446A-SAW

RF Exposure.

Unit is categorically excluded from RF Exposure and does not require SAR test.

From KDB 447498 DO1 General RF Exposure Guidance v06

In 4.3.1 a) is states:

a) For 100 MHz to 6 GHz and *test separation distances* ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR,

$$[2 \text{ mW}/5\text{mm}] \times [\sqrt{2.4(\text{GHz})}] =$$

$$0.4 \times 1.55 = 0.6$$

As this is less than 3 the unit complies with the 1-g SAR.

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