# FCC SAR Exemption per KDB 447498

## KDB 447498 D01 General RF Exposure Guidance v06 (October 23, 2015)

### 1. Declaration of RF exposure compliance for exemption from routine evaluation limits

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| FCC ID: | 2AGUHINCAP |
| Model number: | InCap-100BA |
| Manufacturer: | Companion Medical Inc. |
| 4.3.1. Standalone SAR test exclusion considerations: | During normal operation, user extremities can come within 20 cm of the internal antenna and therefore product is considered as "Portable".<br><br>The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at Test separation distances ≤ 50 mm are determined by:<br>[(max. power of channel, including tune-up tolerance, mW) ÷ (min. test separation distance, mm)] × [$\sqrt{F(GHz)}$] ≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where<br>• F(GHz) is the RF channel transmit frequency in GHz<br>• Power and distance are rounded to the nearest mW and mm before calculation<br>• The result is rounded to one decimal place for comparison<br><br>The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to section 4.1(f) is applied to determine SAR test exclusion<br><br>Calculation based on the above formula:<br>Separation Distance = 5 mm<br>Conducted Output Power = -9.196 dBm = 0.120 mW (From Report D10429R1)<br>Radiated Power (Assuming a worst-case antenna gain of 6dBi) = -3.196dBm= 0.48mW<br>Frequency = 2.402 GHz<br>Calculation = $(0.48 \div 5) \times \sqrt{2.402}$ = 0.149 < 3<br><br>The calculation is below the threshold, therefore the product exempt from the SAR test requirements |

### 2. Attestation

ATTESTATION: I attest that the test report (#D10429R1 from Compatible Electronics) was reviewed by me and power data presented in this RF assessment was extracted from report D10429R1.

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| Signature: |  |
| Date: | May 12, 2021 |
| Name: | Juan Gonzalez |