

SAR Exclusion

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

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

FCC ID:	2AU7Q-CA1821
Model number:	CA1821
Manufacturer:	TMRW Life Sciences, Inc
4.3.1. Standalone SAR test exclusion considerations:	<p>During normal operation, user extremities can come within 20 cm of the internal antenna and therefore product is considered as "Portable".</p> <p>Using Appendix C approximate SAR exclusion table. The device is a 13.56MHz RFID transmitter operation at less than 44.18 dBμV/m at 3m or -51.05 dBm.</p> <p>Per KDB 447498 D01 4.31 c) 2) appendix C.</p> <ol style="list-style-type: none"> 1) Linear interpolation for 13.56MHz the SAR exclusion level is approximately 461.55mW 2) The actual transmitter is -51.05 dBm or 7.85E-6mW 3) 7.85e-6mW <<<<<< 461mW <p>Power and distance are rounded to the nearest mW and mm before calculation The result is rounded to one decimal place for comparison</p> <p>The calculation is below the threshold, therefore the product exempt from the SAR test requirements</p>

2. Attestation

ATTESTATION: I attest that the testing was performed or supervised by me; that the test measurements were made in accordance with the above-mentioned departmental standard(s), and that the radio equipment identified in this application has been subject to all applicable test conditions specified in the departmental standards and all of the requirements of the standards have been met.

Signature:	
Date:	December 7, 2020
Name:	Chip Fleury