

|           |                                 |                      |              |
|-----------|---------------------------------|----------------------|--------------|
| Client:   | Proteus Digital Health          | Job Number:          | JD100869     |
| Model:    | RW2 Patch                       | T-Log Number:        | T101589      |
| Contact:  | Robert Leichner                 | Project Manager:     | Deepa Shetty |
| Standard: | FCC 15.247, RSS 247, EN 300 328 | Project Coordinator: | -            |
|           |                                 | Class:               | N/A          |

## Maximum Permissible Exposure / SAR Exclusion

### Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 5/20/2016

Test Engineer: David Bare

### General Test Configuration

Calculation uses the free space transmission formula:

$$S = (PG)/(4 \pi d^2)$$

Where: S is power density (W/m<sup>2</sup>), P is output power (W), G is antenna gain relative to isotropic, d is separation distance from the transmitting antenna (m).

### Summary of Results

|                                                       |     |
|-------------------------------------------------------|-----|
| Device complies with SAR exclusion at 5mm separation: | Yes |
|-------------------------------------------------------|-----|

### Deviations From The Standard

No deviations were made from the requirements of the standard.

### FCC SAR Exclusion Calculation

| Freq.<br>MHz | EUT<br>Power |     | Cable Loss<br>Loss<br>dB | Ant<br>Gain<br>dBi | Power<br>at Ant<br>dBm | EIRP<br>mW | Separation<br>Distance<br>(mm) | SAR<br>Exclusion<br>Calc.* | SAR Exclusion Limit<br>KDB 447498 D01 |
|--------------|--------------|-----|--------------------------|--------------------|------------------------|------------|--------------------------------|----------------------------|---------------------------------------|
| 2402         | -10.9        | 0.1 | 0                        | 1.72               | -10.9                  | 0.12       | 5.0                            | 0.03                       | 3.0                                   |
| 2440         | -11.4        | 0.1 | 0                        | 1.72               | -11.4                  | 0.11       | 5.0                            | 0.02                       | 3.0                                   |
| 2480         | -12.4        | 0.1 | 0                        | 1.72               | -12.4                  | 0.09       | 5.0                            | 0.02                       | 3.0                                   |

\* Calculated per the formula in FCC KDB 447498 D01 section 4.3.1(a)  
 [Power in mW / separation distance in mm] \*  $\sqrt{f_{GHz}}$