

# Appendix B

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| BLE |
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Device Under Test Properties

|            |                    |
|------------|--------------------|
| Model      | Dimensions [mm]    |
| Pulse Band | 40.0 x 26.0 x 12.0 |

Exposure Conditions

|                              |                              |                  |                      |                                 |                   |                        |                  |
|------------------------------|------------------------------|------------------|----------------------|---------------------------------|-------------------|------------------------|------------------|
| Phantom Section, TSL         | Position, Test Distance [mm] | Band             | Group, UID           | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat, Head Simulating Liquid | FRONT, 0.00                  | ISM 2.4 GHz Band | Bluetooth, 10670-AAA | 2480.000, 39                    | 6.97              | 1.83                   | 39.7             |

Hardware Setup

|                                         |         |                             |                           |
|-----------------------------------------|---------|-----------------------------|---------------------------|
| Phantom                                 | TSL     | Probe, Calibration Date     | DAE, Calibration Date     |
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL2450 | EX3DV4 – SN7858, 2026-02-20 | DAE4ip Sn1846, 2026-01-07 |

Scans Setup

|                     |             |                    |
|---------------------|-------------|--------------------|
|                     | Area Scan   | Zoom Scan          |
| Grid Extents [mm]   | 70.0 x 70.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 5.0    |
| Sensor Surface [mm] | 3.0         | 1.4                |
| Graded Grid         | N/A         | Yes                |
| Grading Ratio       | N/A         | 1.5                |
| MAIA                | Y           | Y                  |
| Surface Detection   | VMS + 6p    | VMS + 6p           |
| Scan Method         | Measured    | Measured           |

Measurement Results

|                     |                   |                   |
|---------------------|-------------------|-------------------|
|                     | Area Scan         | Zoom Scan         |
| Date                | 2026-07-10, 10:28 | 2026-07-10, 10:34 |
| psSAR1g [W/Kg]      | 0.028             | 0.029             |
| psSAR10g [W/Kg]     | 0.013             | 0.011             |
| Power Drift [dB]    | -0.09             | -0.18             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 42.3              |
| Dist 3dB Peak [mm]  |                   | 9.1               |

