

# Appendix B

|    |
|----|
| BT |
|----|

Device Under Test Properties

| Model | Dimensions [mm]    |
|-------|--------------------|
| TGW02 | 25.0 x 20.0 x 15.0 |

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, 10.00                 | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2480.000, 78                    | 6.97              | 1.84                   | 39.8             |

Hardware Setup

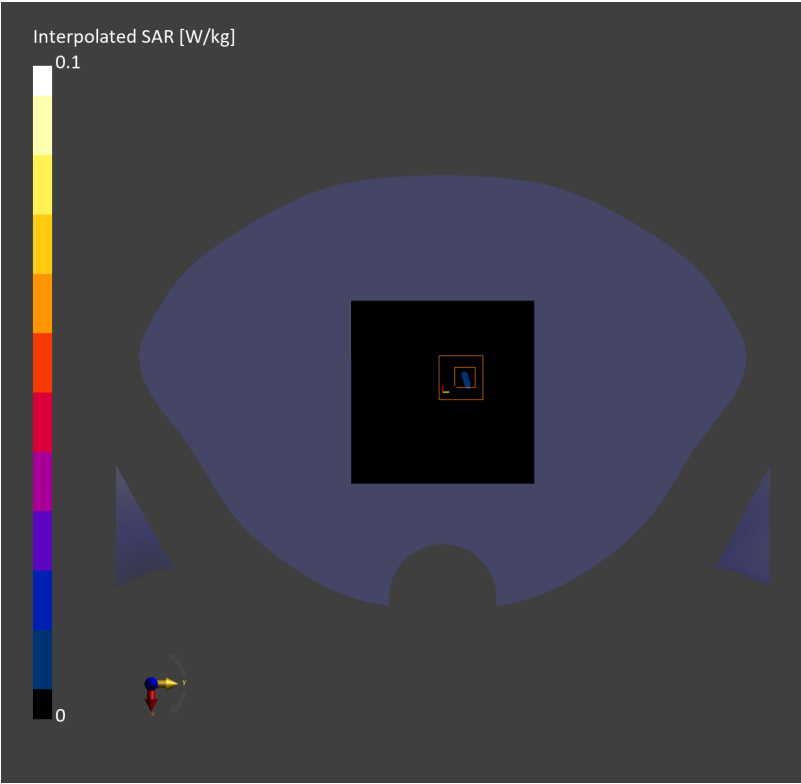
| Phantom                                 | TSL     | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|---------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL2450 | EX3DV4 – SN7858, 2026-02-20 | 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                | 2026-05-27, 09:39 | 2026-05-27, 09:42 |
| psSAR1g [W/Kg]      | 0.007             | 0.017             |
| psSAR10g [W/Kg]     | 0.004             | 0.005             |
| Power Drift [dB]    | -0.03             | -0.08             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 36.4              |
| Dist 3dB Peak [mm]  |                   | 6.3               |



Device Under Test Properties

| Model | Dimensions [mm]    |
|-------|--------------------|
| TGW02 | 25.0 x 20.0 x 15.0 |

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 | BACK, 0.00                   | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2402.000, 0                     | 6.97              | 1.76                   | 40.0             |

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                | 2026-05-27, 10:21 | 2026-05-27, 10:27 |
| psSAR1g [W/Kg]      | 0.045             | 0.063             |
| psSAR10g [W/Kg]     | 0.023             | 0.025             |
| Power Drift [dB]    | -0.02             | -0.05             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 41.0              |
| Dist 3dB Peak [mm]  |                   | 6.6               |

