

Exposure Conditions

| Phantom<br>Section, TSL | Position,<br>Test<br>Distance<br>[mm] | Band               | Group,<br>UID | Frequency<br>[MHz],<br>Channel<br>Number | Conversion<br>Factor | TSL<br>Conductivity<br>[S/m] | TSL<br>Permittivity | Ambient<br>Temperature<br>[°C] | Liquid<br>Temperature<br>[°C] |
|-------------------------|---------------------------------------|--------------------|---------------|------------------------------------------|----------------------|------------------------------|---------------------|--------------------------------|-------------------------------|
| Flat,<br>HSL            |                                       | Validation<br>band | CW,<br>0--    | 2450.0,<br>2450                          | 7.80                 | 1.77                         | 39.4                | 22.3                           | 21.5                          |

Hardware Setup

| Phantom                                 | TSL, Measured Date        | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|---------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2090 | HBBL-600-10000 2026-05-28 | EX3DV4 - SN7664, 2025-06-30 | DAE4 Sn1711, 2025-11-11 |

Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 80.0 x 80.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |
| Graded Grid         | Yes         | Yes                |
| Grading Ratio       | 1.5         | 1.5                |
| MAIA                | N/A         | N/A                |
| Surface Detection   | VMS + 6p    | VMS + 6p           |
| Scan Method         | Measured    | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2026-05-28    | 2026-05-28    |
| psSAR1g [W/kg]      | 5.22          | 5.19          |
| psSAR10g [W/kg]     | 2.35          | 2.41          |
| Power Drift [dB]    | 0.02          | 0.05          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 81.4          |
| Dist 3dB Peak [mm]  |               | 9.6           |

