

**Meas.1 Body Plane with Back Side 10mm on High Channel in GPRS850 4Slots mode with Ant.0**

Date: 2025.06.05

Communication System Band: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch251/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.811 W/kg

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.73 V/m; Power Drift = -0.08 dB

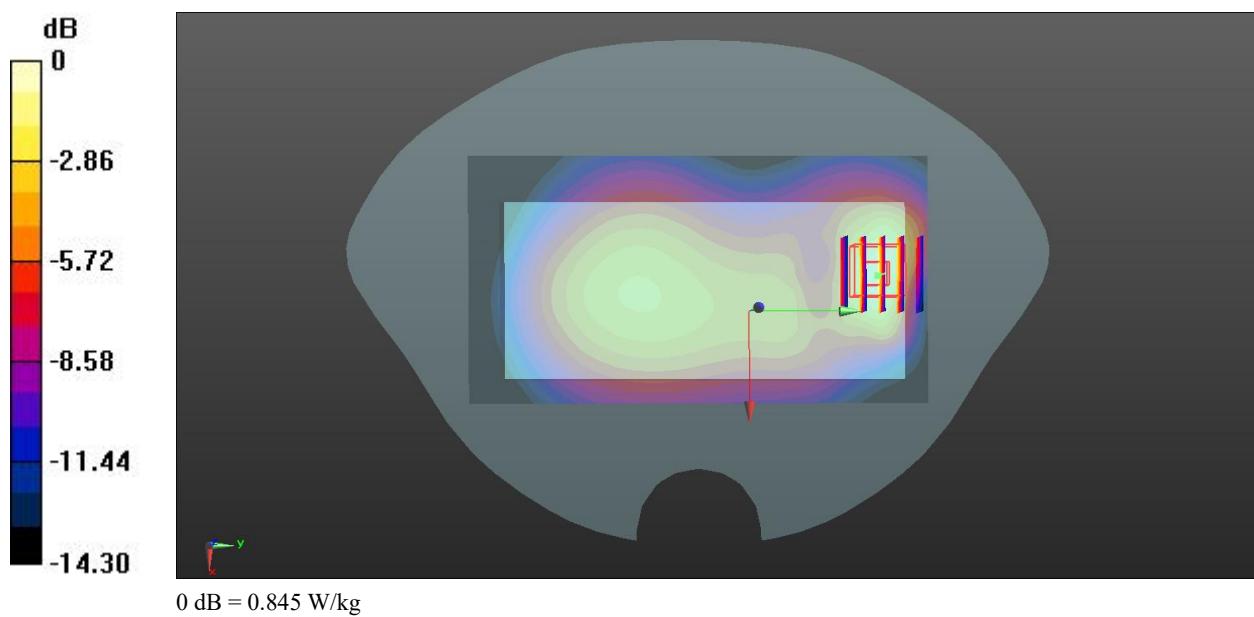
Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.426 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 62.5%

Maximum value of SAR (measured) = 0.845 W/kg



**Meas.2 Body Plane with Back Side 10mm on Low Channel in GPRS1900 4Slots mode with Ant.0**

Date: 2025.06.09

Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.41$  S/m;  $\epsilon_r = 40.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch512/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.460 V/m; Power Drift = 0.02 dB

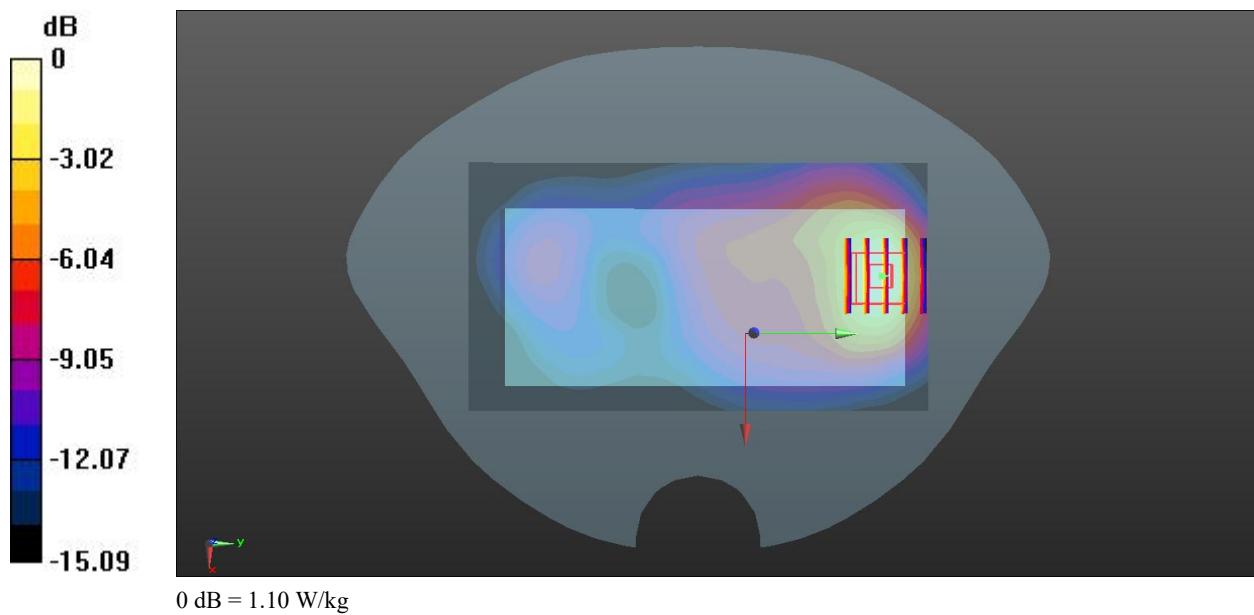
Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.596 W/kg**

Smallest distance from peaks to all points 3 dB below = 13.7 mm

Ratio of SAR at M2 to SAR at M1 = 66%

Maximum value of SAR (measured) = 1.10 W/kg



**Meas.3 Body Plane with Back Side 10mm on Middle Channel in WCDMA Band1 mode with Ant.0**

Date: 2025.06.10

Communication System Band: BAND 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.41$  S/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9400/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.659 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.301 V/m; Power Drift = -0.04 dB

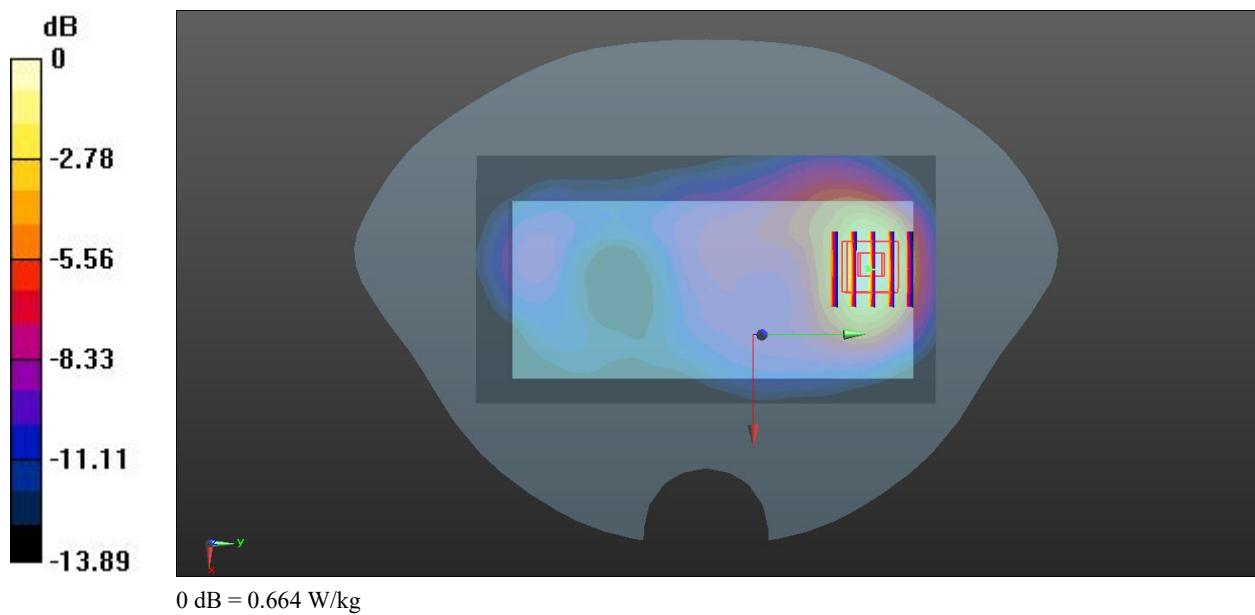
Peak SAR (extrapolated) = 0.947 W/kg

**SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.365 W/kg**

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 66.3%

Maximum value of SAR (measured) = 0.664 W/kg



**Meas.4 Body Plane with Back Side 10mm on Middle Channel in WCDMA Band5 mode with Ant.0**

Date: 2025.06.06

Communication System Band: BAND 5; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4182/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.533 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.87 V/m; Power Drift = -0.03 dB

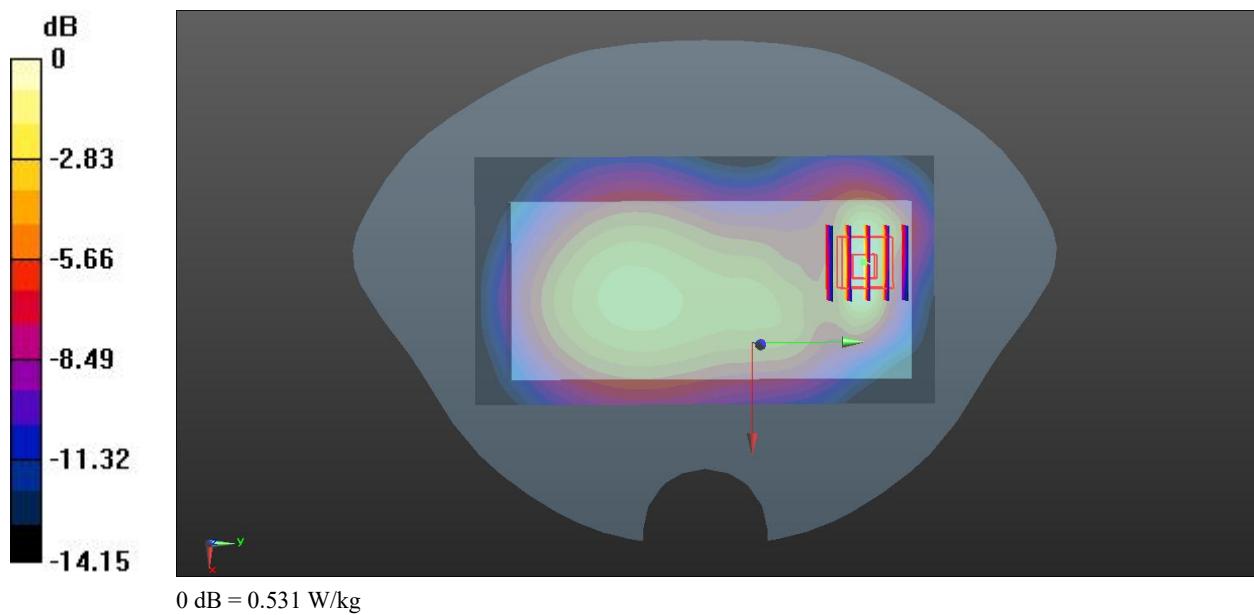
Peak SAR (extrapolated) = 0.802 W/kg

**SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.259 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 0.531 W/kg



**Meas.5 Body Plane with Back Side 10mm on Low Channel in LTE Band2 mode with Ant.0**

Date: 2025.06.11

Communication System Band: BAND 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.41$  S/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.7°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch18700/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.616 W/kg

**Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.576 V/m; Power Drift = -0.01 dB

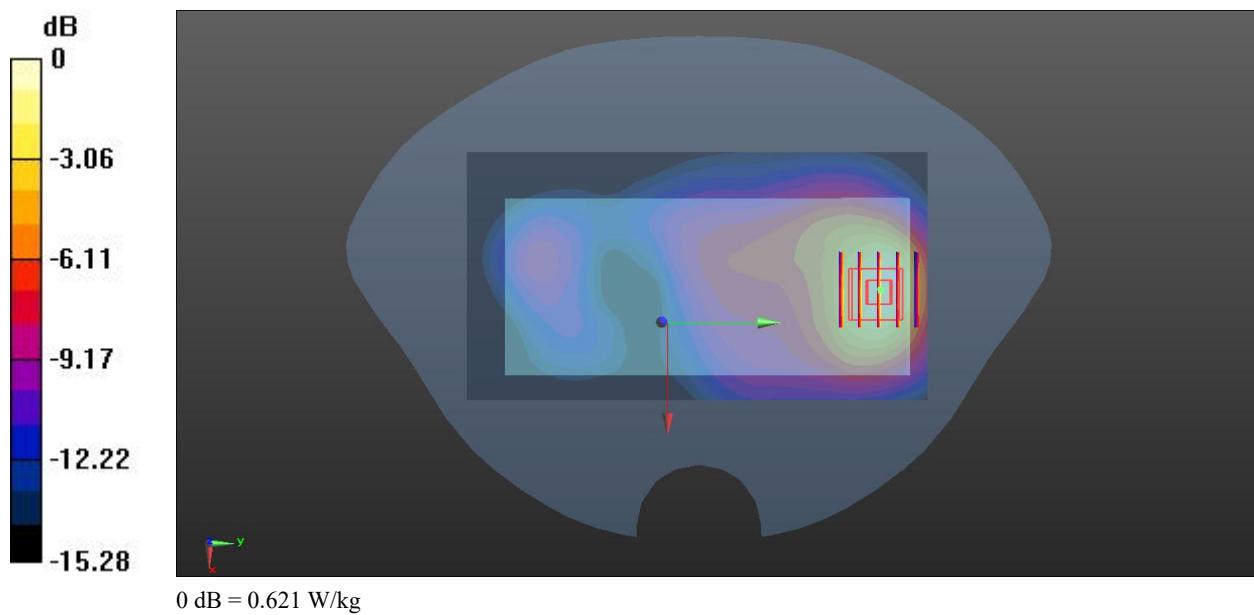
Peak SAR (extrapolated) = 0.849 W/kg

**SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.345 W/kg**

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 67.8%

Maximum value of SAR (measured) = 0.621 W/kg



### Meas.6 Body Plane with Back Side 10mm on Low Channel in LTE Band4 mode with Ant.0

Date: 2025.06.08

Communication System Band: BAND 4; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1720$  MHz;  $\sigma = 1.36$  S/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20050/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.390 W/kg

**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.046 V/m; Power Drift = -0.08 dB

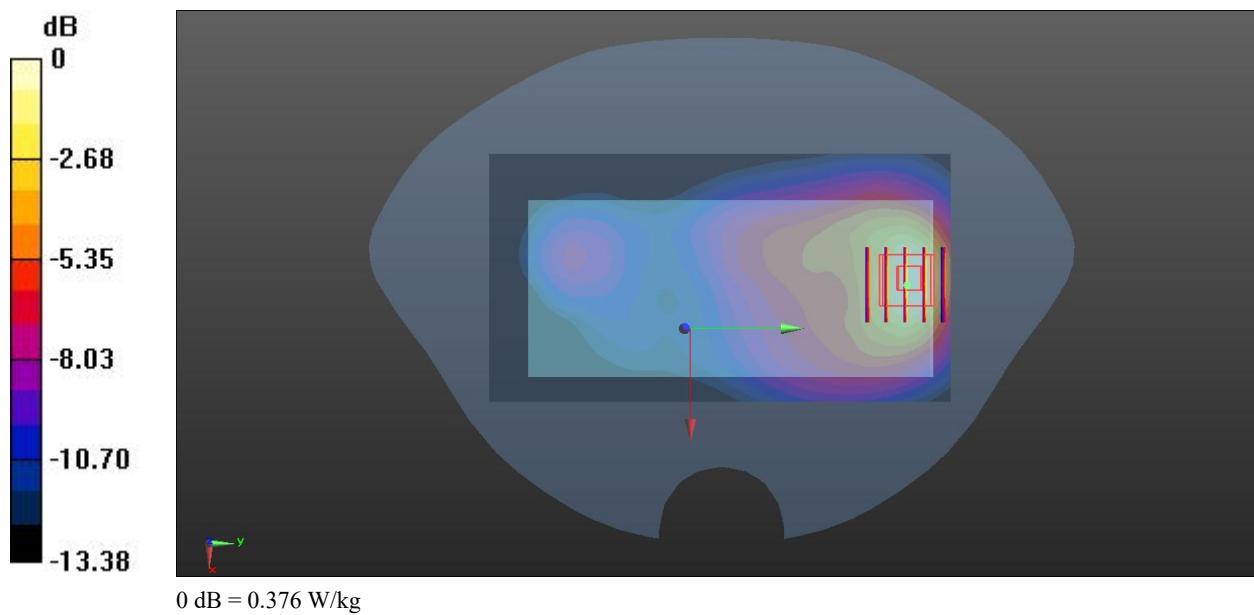
Peak SAR (extrapolated) = 0.525 W/kg

**SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.207 W/kg**

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 67.6%

Maximum value of SAR (measured) = 0.376 W/kg



**Meas.7 Body Plane with Back Side 10mm on High Channel in LTE Band5 mode with Ant.0**

Date: 2025.06.07

Communication System Band: BAND 5; Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 844$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20600/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.552 W/kg

**Ch20600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.83 V/m; Power Drift = 0.10 dB

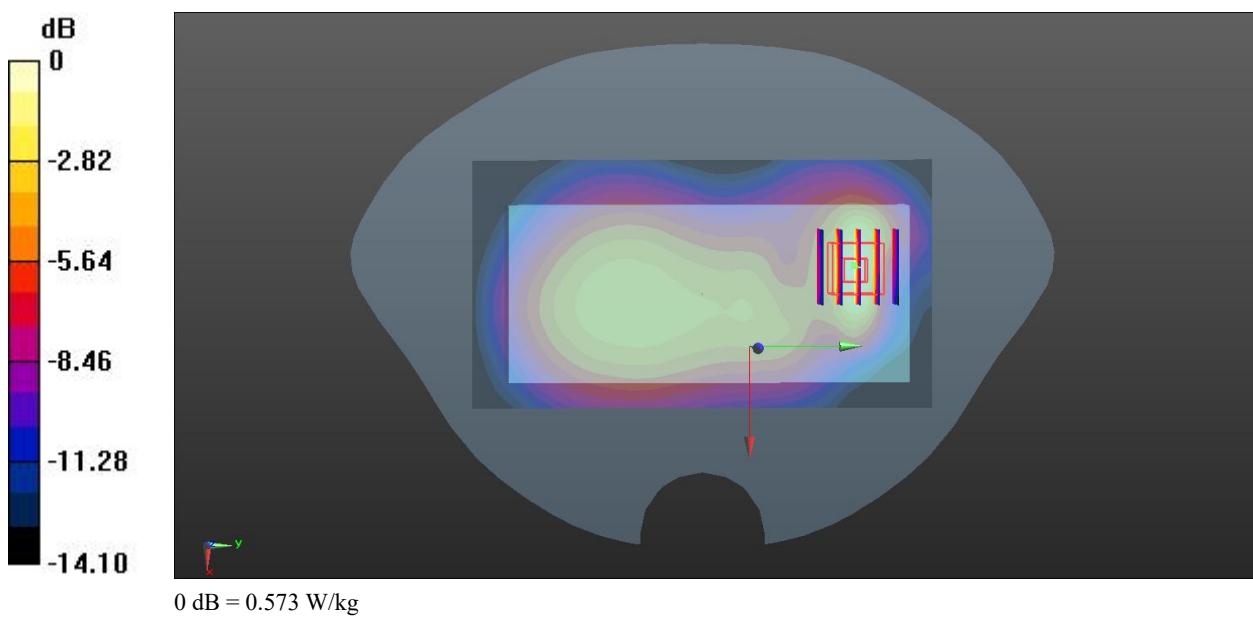
Peak SAR (extrapolated) = 0.878 W/kg

**SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.278 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 61.9%

Maximum value of SAR (measured) = 0.573 W/kg



### Meas.8 Body Plane with Back Side 10mm on High Channel in LTE Band7 mode with Ant.0

Date: 2025.06.12

Communication System Band: BAND 7; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2560$  MHz;  $\sigma = 193$  S/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch21350/Area Scan (81x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.304 W/kg

**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.841 V/m; Power Drift = 0.05 dB

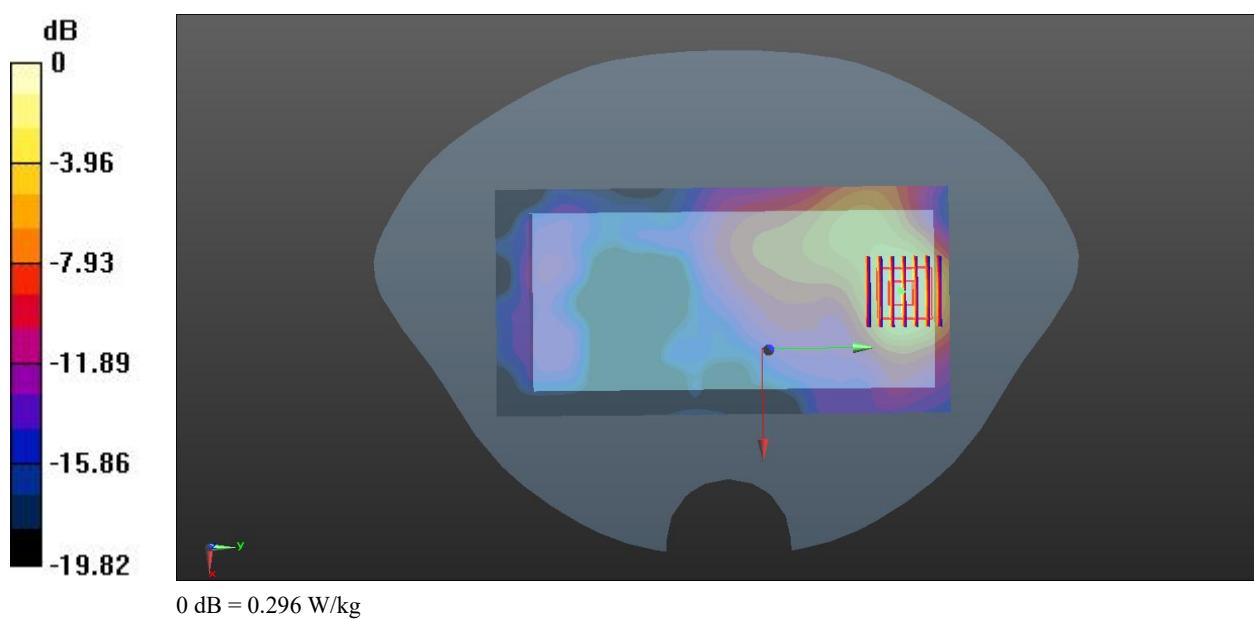
Peak SAR (extrapolated) = 0.461 W/kg

**SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.135 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 58%

Maximum value of SAR (measured) = 0.296 W/kg



**Meas.9 Body Plane with Back Side 10mm on Low Channel in LTE Band12 mode with Ant.0**

Date: 2025.06.04

Communication System Band: BAND 12; Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 704$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 43.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23060/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.334 W/kg

**Ch23060/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.91 V/m; Power Drift = 0.15 dB

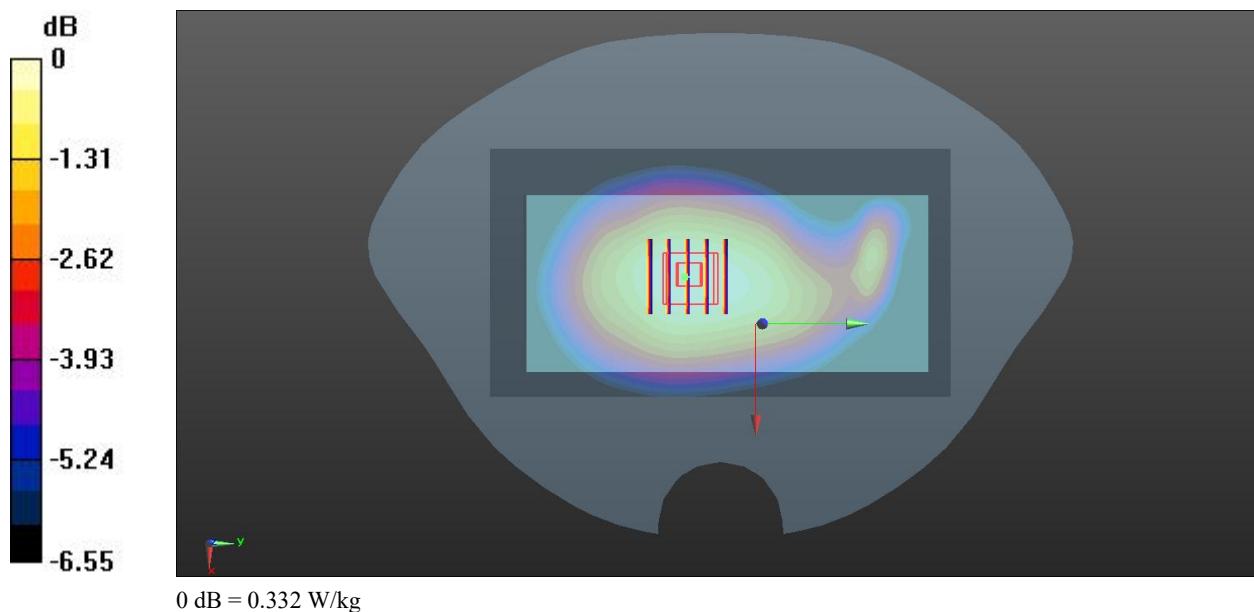
Peak SAR (extrapolated) = 0.372 W/kg

**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.250 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 82.8%

Maximum value of SAR (measured) = 0.332 W/kg



**Meas.10 Body Plane with Back Side 10mm on Middle Channel in LTE Band14 mode with Ant.0**

Date: 2025.06.04

Communication System Band: Band 14; Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 793$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23330/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.0844 W/kg

**Ch23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.314 V/m; Power Drift = 0.09 dB

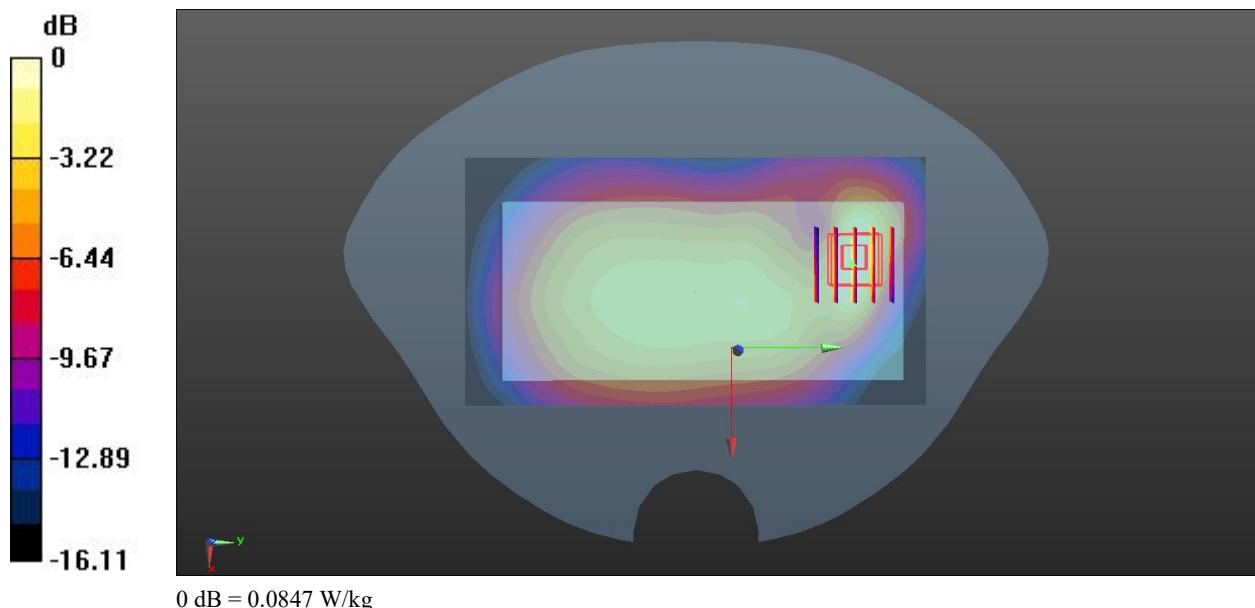
Peak SAR (extrapolated) = 0.130 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.041 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 61.9%

Maximum value of SAR (measured) = 0.0847 W/kg



**Meas.11 Body Plane with Back Side 10mm on Middle Channel in LTE Band17 mode with Ant.0**

Date: 2025.06.04

Communication System Band: BAND 17; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23790/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.317 W/kg

**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.39 V/m; Power Drift = -0.16 dB

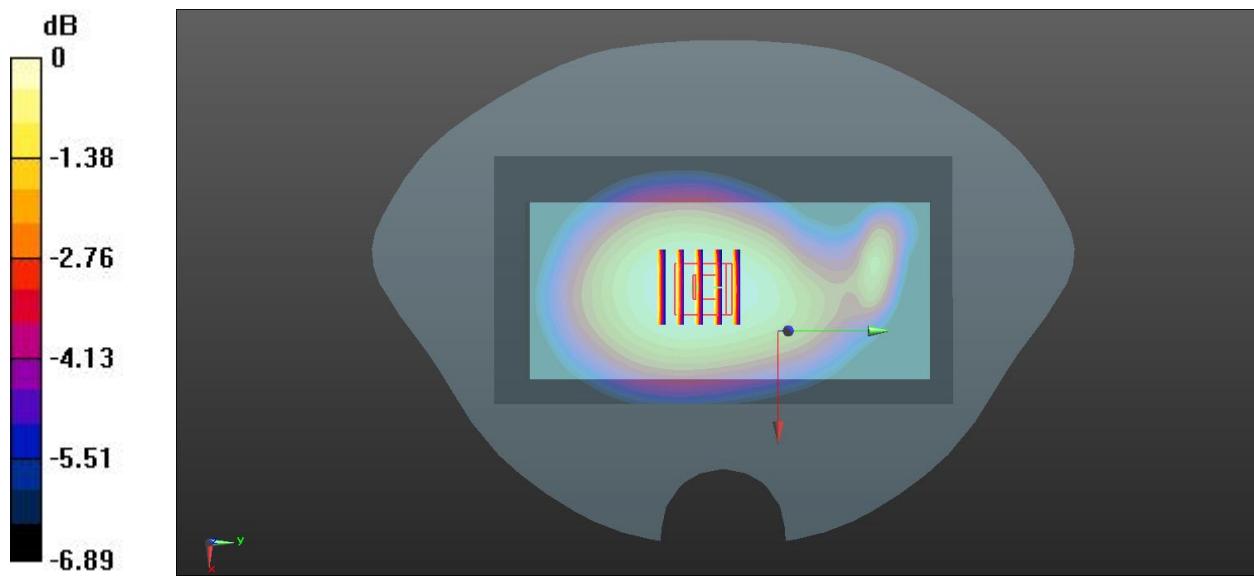
Peak SAR (extrapolated) = 0.350 W/kg

**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.238 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 83.4%

Maximum value of SAR (measured) = 0.311 W/kg



### Meas.12 Body Plane with Back Side 10mm on High Channel in LTE Band38 mode with Ant.0

Date: 2025.06.13

Communication System Band: BAND 38; Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated):  $f = 2610$  MHz;  $\sigma = 2.00$  S/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch38150/Area Scan (81x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.253 W/kg

**Ch38150/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.421 V/m; Power Drift = 0.09 dB

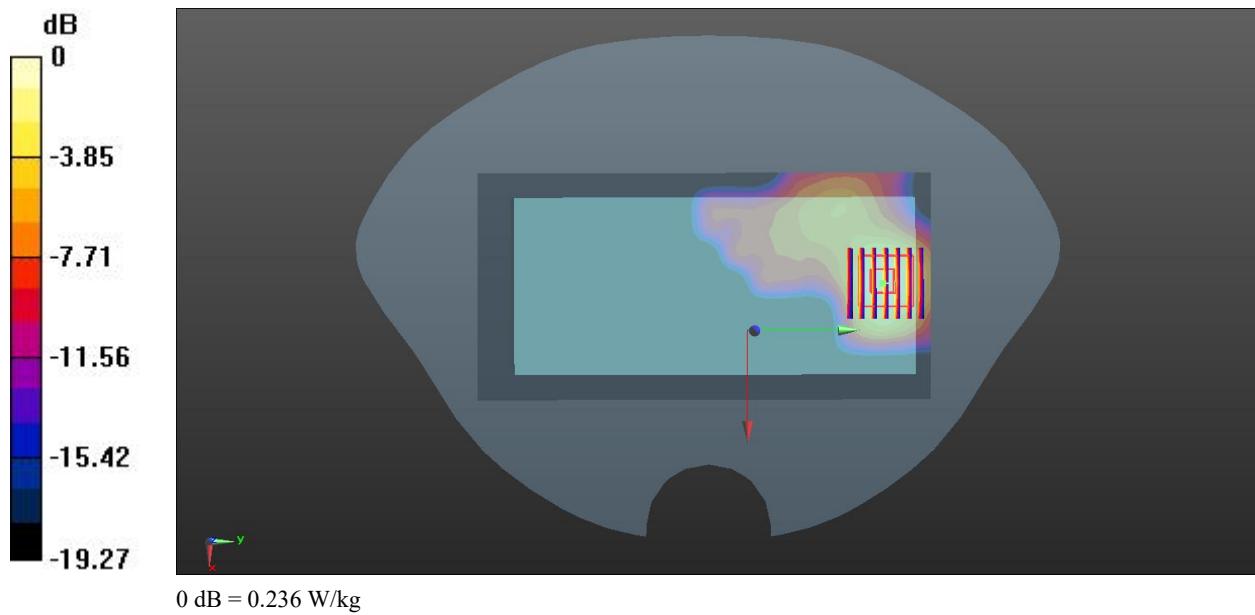
Peak SAR (extrapolated) = 0.378 W/kg

**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.108 W/kg**

Smallest distance from peaks to all points 3 dB below = 11 mm

Ratio of SAR at M2 to SAR at M1 = 58.3%

Maximum value of SAR (measured) = 0.236 W/kg



**Meas.13 Body Plane with Back Side 10mm on High Channel in LTE Band41 mode with Ant.0**

Date: 2025.06.14

Communication System Band: BAND41; Frequency: 2680 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated):  $f = 2680$  MHz;  $\sigma = 2.10$  S/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch41490 2/Area Scan (81x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.369 W/kg

**Ch41490 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.605 V/m; Power Drift = 0.04 dB

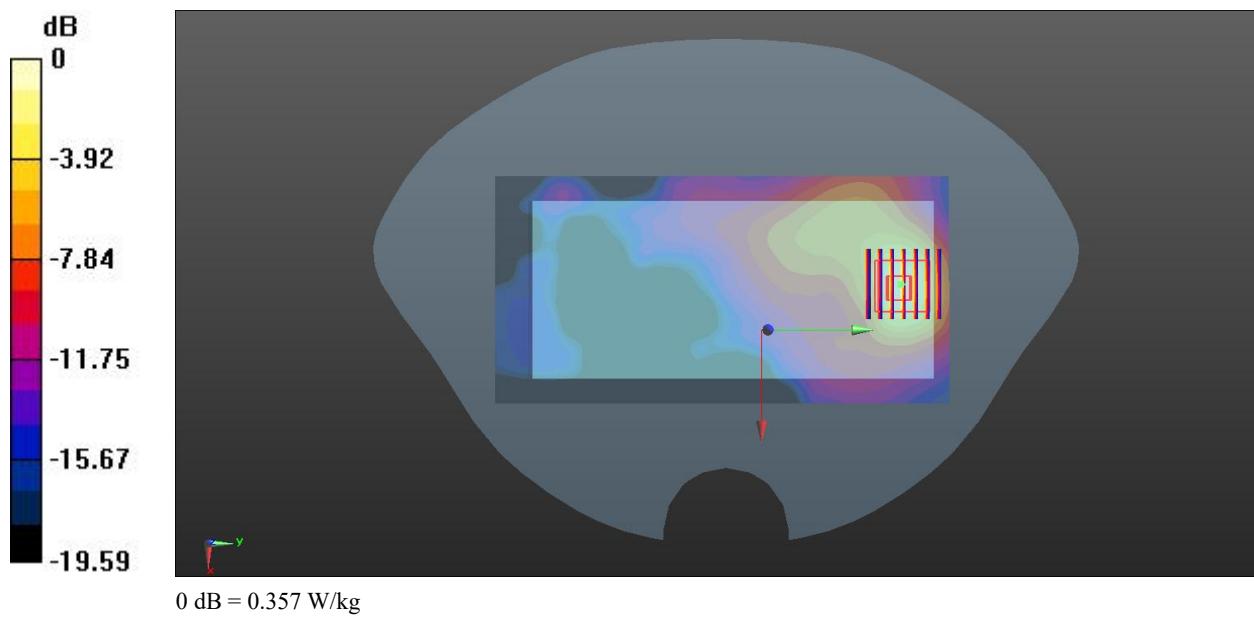
Peak SAR (extrapolated) = 0.577 W/kg

**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.159 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 57.4%

Maximum value of SAR (measured) = 0.357 W/kg



**Meas.14 Body Plane with Back Side 10mm on 1 Channel in IEEE802.11b mode with Ant.2**
**Exposure Conditions**

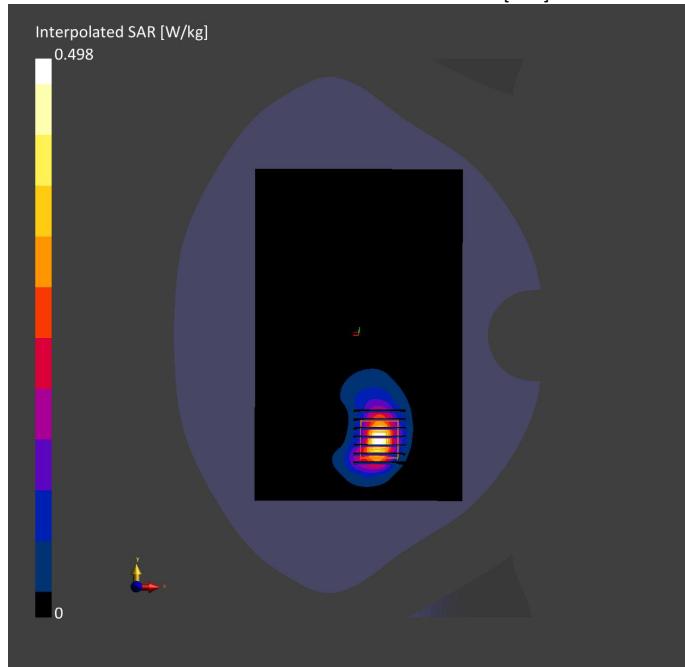
| Phantom Section, TSL | Position, Test Distance [mm] | Band        | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity | Ambient Temperature [°C] | Liquid Temperature [°C] |
|----------------------|------------------------------|-------------|-----------------|---------------------------------|-------------------|------------------------|------------------|--------------------------|-------------------------|
| Flat, HSL            | BACK, 10.00                  | WLAN 2.4GHz | WLAN, 10012-CAB | 2412.0, 1                       | 8.00              | 1.73                   | 39.8             | 22.4                     | 21.5                    |

**Hardware Setup**

| Phantom                                 | TSL, Measured Date        | Probe, Calibration Date     | DAE, Calibration Date   |
|---|---------------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000 2025-07-08 | EX3DV4 - SN3974, 2025-06-05 | DAE4 Sn1710, 2025-01-20 |

**Scan Setup**

|                     | Area Scan     | Zoom Scan          |  | Area Scan           | Zoom Scan     |
|---------------------|---------------|--------------------|--|---------------------|---------------|
| Grid Extents [mm]   | 120.0 x 192.0 | 30.0 x 30.0 x 30.0 |  | Date                | 2025-07-08    |
| Grid Steps [mm]     | 12.0 x 12.0   | 5.0 x 5.0 x 5.0    |  | psSAR1g [W/kg]      | 0.275         |
| Sensor Surface [mm] | 3.0           | 1.4                |  | psSAR10g [W/kg]     | 0.120         |
| Graded Grid         | Yes           | Yes                |  | Power Drift [dB]    | 0.03          |
| Grading Ratio       | 1.5           | 1.5                |  | Power Scaling       | Disabled      |
| MAIA                | N/A           | N/A                |  | Scaling Factor [dB] | Disabled      |
| Surface Detection   | VMS + 6p      | VMS + 6p           |  | TSL Correction      | No correction |
| Scan Method         | Measured      | Measured           |  | M2/M1 [%]           | No correction |
|                     |               |                    |  | Dist 3dB Peak [mm]  | 64.7          |
|                     |               |                    |  |                     | 7.6           |



**Meas.15 Body Plane with Back Side 10mm on 44 Channel in IEEE802.11a mode with Antenna 3**
**Exposure Conditions**

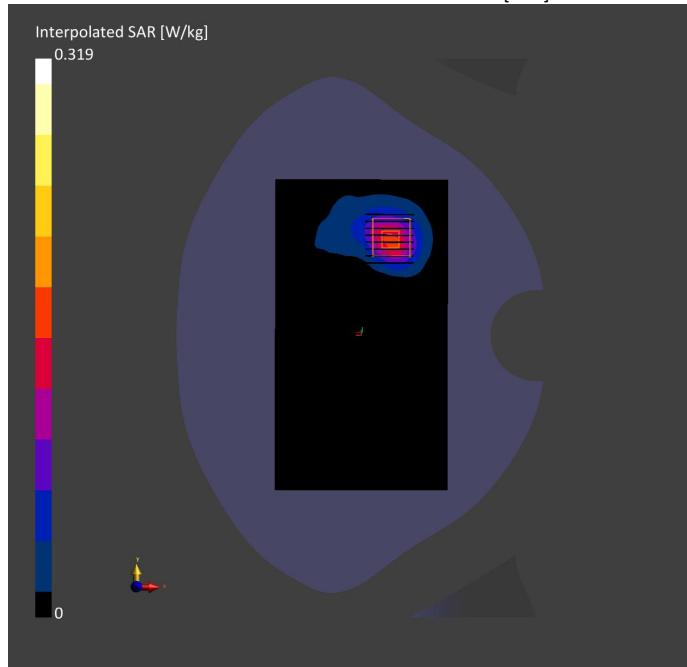
| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity | Ambient Temperature [°C] | Liquid Temperature [°C] |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|--------------------------|-------------------------|
| Flat, HSL            | BACK, 10.00                  | WLAN 5GHz | WLAN, 10062-CAE | 5220.0, 44                      | 5.76              | 4.63                   | 36.4             | 22.5                     | 21.4                    |

**Hardware Setup**

| Phantom                                 | TSL, Measured Date        | Probe, Calibration Date     | DAE, Calibration Date   |
|---|---------------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000 2025-06-29 | EX3DV4 - SN3974, 2025-06-05 | DAE4 Sn1710, 2025-01-20 |

**Scan Setup**

|                     | Area Scan     | Zoom Scan          |  | Area Scan           | Zoom Scan     |
|---------------------|---------------|--------------------|--|---------------------|---------------|
| Grid Extents [mm]   | 100.0 x 180.0 | 24.0 x 24.0 x 22.0 |  | Date                | 2025-06-29    |
| Grid Steps [mm]     | 10.0 x 10.0   | 4.0 x 4.0 x 2.0    |  | psSAR1g [W/kg]      | 0.128         |
| Sensor Surface [mm] | 3.0           | 1.4                |  | psSAR10g [W/kg]     | 0.050         |
| Graded Grid         | Yes           | Yes                |  | Power Drift [dB]    | 0.14          |
| Grading Ratio       | 1.5           | 1.4                |  | Power Scaling       | Disabled      |
| MAIA                | Y             | Y                  |  | Scaling Factor [dB] | Disabled      |
| Surface Detection   | VMS + 6p      | VMS + 6p           |  | TSL Correction      | No correction |
| Scan Method         | Measured      | Measured           |  | M2/M1 [%]           | No correction |
|                     |               |                    |  | Dist 3dB Peak [mm]  | 68.7          |
|                     |               |                    |  |                     | 10.4          |



**Meas.16 Body Plane with Bottom Edge 10mm on 165 Channel in IEEE802.11a mode with Antenna 3**
**Exposure Conditions**

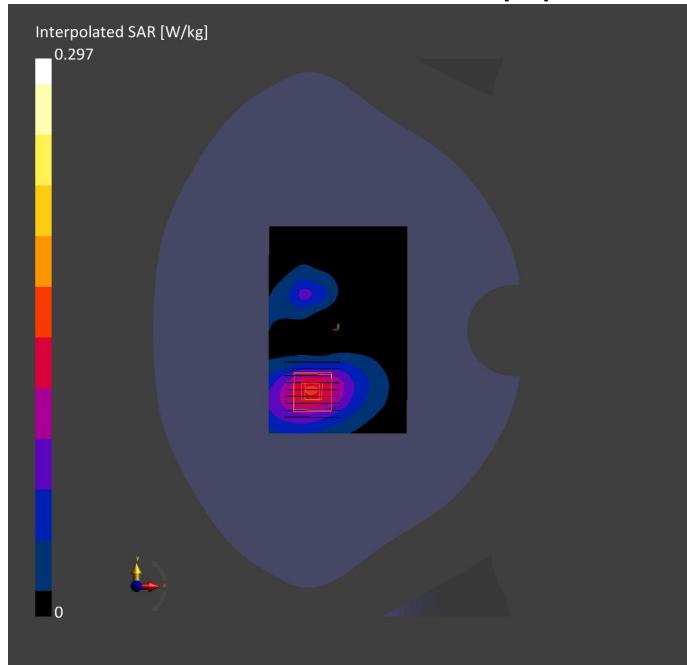
| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity | Ambient Temperature [°C] | Liquid Temperature [°C] |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|--------------------------|-------------------------|
| Flat, HSL            | EDGE BOTTOM, 10.00           | WLAN 5GHz | WLAN, 10062-CAE | 5825.0, 165                     | 5.14              | 5.35                   | 34.9             | 22.4                     | 21.2                    |

**Hardware Setup**

| Phantom                                 | TSL, Measured Date        | Probe, Calibration Date     | DAE, Calibration Date   |
|---|---------------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000 2025-07-03 | EX3DV4 - SN3974, 2025-06-05 | DAE4 Sn1710, 2025-01-20 |

**Scan Setup**

|                     | Area Scan    | Zoom Scan          | Area Scan           | Zoom Scan     |
|---------------------|--------------|--------------------|---------------------|---------------|
| Grid Extents [mm]   | 80.0 x 120.0 | 24.0 x 24.0 x 22.0 | Date                | 2025-07-03    |
| Grid Steps [mm]     | 10.0 x 10.0  | 4.0 x 4.0 x 2.0    | psSAR1g [W/kg]      | 0.117         |
| Sensor Surface [mm] | 3.0          | 1.4                | psSAR10g [W/kg]     | 0.049         |
| Graded Grid         | Yes          | Yes                | Power Drift [dB]    | 0.02          |
| Grading Ratio       | 1.5          | 1.4                | Power Scaling       | Disabled      |
| MAIA                | Y            | Y                  | Scaling Factor [dB] | Disabled      |
| Surface Detection   | VMS + 6p     | VMS + 6p           | TSL Correction      | No correction |
| Scan Method         | Measured     | Measured           | M2/M1 [%]           | 65.9          |
|                     |              |                    | Dist 3dB Peak [mm]  | 13.4          |



**Meas.17 Limb Plane with Back Side 0mm on 52 Channel in IEEE802.11a mode with Antenna 3**
**Exposure Conditions**

| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity | Ambient Temperature [°C] | Liquid Temperature [°C] |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|--------------------------|-------------------------|
| Flat, HSL            | BACK, 0.00                   | WLAN 5GHz | WLAN, 10062-CAE | 5260.0, 52                      | 5.56              | 4.65                   | 36.4             | 22.3                     | 21.2                    |

**Hardware Setup**

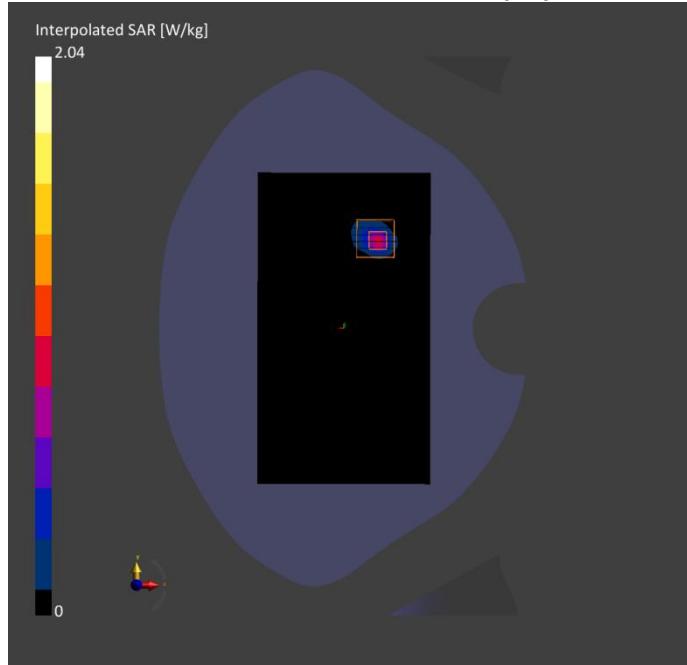
| Phantom                                 | TSL, Measured Date        | Probe, Calibration Date     | DAE, Calibration Date   |
|---|---------------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000 2025-06-30 | EX3DV4 - SN3974, 2025-06-05 | DAE4 Sn1710, 2025-01-20 |

**Scan Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 100.0 x 180.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 4.0 x 4.0 x 2.0    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | Yes           | Yes                |
| Grading Ratio       | 1.5           | 1.4                |
| MAIA                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

**Measurement Results**

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-06-30    | 2025-06-30    |
| psSAR1g [W/kg]      | 0.574         | 0.618         |
| psSAR10g [W/kg]     | 0.147         | 0.175         |
| Power Drift [dB]    | 0.01          | 0.04          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               |               |
| Dist 3dB Peak [mm]  |               |               |
|                     | 61.2          |               |
|                     | 5.1           |               |



**Meas.18 Limb Plane with Back Side 0mm on 116 Channel in IEEE802.11a mode with Antenna 3**
**Exposure Conditions**

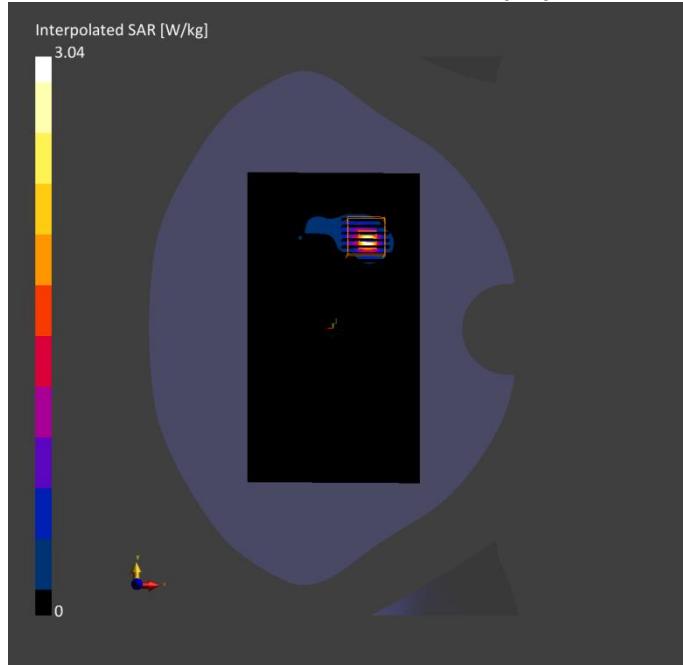
| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity | Ambient Temperature [°C] | Liquid Temperature [°C] |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|--------------------------|-------------------------|
| Flat, HSL            | BACK, 0.00                   | WLAN 5GHz | WLAN, 10062-CAE | 5580.0, 116                     | 5.05              | 4.97                   | 36.0             | 22.2                     | 21.3                    |

**Hardware Setup**

| Phantom                                 | TSL, Measured Date        | Probe, Calibration Date     | DAE, Calibration Date   |
|---|---------------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000 2025-07-01 | EX3DV4 - SN3974, 2025-06-05 | DAE4 Sn1710, 2025-01-20 |

**Scan Setup**

|                     | Area Scan     | Zoom Scan          |  | Area Scan           | Zoom Scan     |
|---------------------|---------------|--------------------|--|---------------------|---------------|
| Grid Extents [mm]   | 100.0 x 180.0 | 24.0 x 24.0 x 22.0 |  | Date                | 2025-07-01    |
| Grid Steps [mm]     | 10.0 x 10.0   | 4.0 x 4.0 x 2.0    |  | psSAR1g [W/kg]      | 0.917         |
| Sensor Surface [mm] | 3.0           | 1.4                |  | psSAR10g [W/kg]     | 0.231         |
| Graded Grid         | Yes           | Yes                |  | Power Drift [dB]    | -0.03         |
| Grading Ratio       | 1.5           | 1.4                |  | Power Scaling       | 0.07          |
| MAIA                | N/A           | N/A                |  | Scaling Factor [dB] | Disabled      |
| Surface Detection   | VMS + 6p      | VMS + 6p           |  | TSL Correction      | No correction |
| Scan Method         | Measured      | Measured           |  | M2/M1 [%]           | No correction |
|                     |               |                    |  | Dist 3dB Peak [mm]  | 63.4          |
|                     |               |                    |  |                     | 5.1           |



**Meas.19 Body Plane with Back Side 10mm on 39 Channel in Bluetooth mode with Ant.2**
**Exposure Conditions**

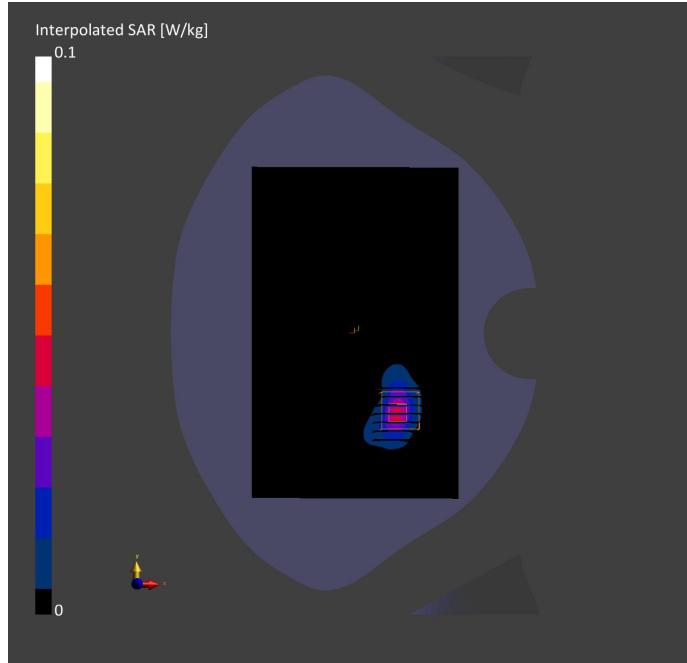
| Phantom Section, TSL | Position, Test Distance [mm] | Band             | Group, UID           | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity | Ambient Temperature [°C] | Liquid Temperature [°C] |
|----------------------|------------------------------|------------------|----------------------|---------------------------------|-------------------|------------------------|------------------|--------------------------|-------------------------|
| Flat, HSL            | BACK, 10.00                  | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2441.0, 39                      | 8.00              | 1.78                   | 39.6             | 22.3                     | 21.4                    |

**Hardware Setup**

| Phantom                                 | TSL, Measured Date        | Probe, Calibration Date     | DAE, Calibration Date   |
|---|---------------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000 2025-06-28 | EX3DV4 - SN3974, 2025-06-05 | DAE4 Sn1710, 2025-01-20 |

**Scan Setup**

|                     | Area Scan     | Zoom Scan          | Area Scan           | Zoom Scan     |
|---------------------|---------------|--------------------|---------------------|---------------|
| Grid Extents [mm]   | 120.0 x 192.0 | 30.0 x 30.0 x 30.0 | Date                | 2025-06-28    |
| Grid Steps [mm]     | 12.0 x 12.0   | 5.0 x 5.0 x 5.0    | psSAR1g [W/kg]      | 0.034         |
| Sensor Surface [mm] | 3.0           | 1.4                | psSAR10g [W/kg]     | 0.014         |
| Graded Grid         | Yes           | Yes                | Power Drift [dB]    | 0.02          |
| Grading Ratio       | 1.5           | 1.5                | Power Scaling       | Disabled      |
| MAIA                | Y             | Y                  | Scaling Factor [dB] | Disabled      |
| Surface Detection   | VMS + 6p      | VMS + 6p           | TSL Correction      | No correction |
| Scan Method         | Measured      | Measured           | M2/M1 [%]           | No correction |
|                     |               |                    | Dist 3dB Peak [mm]  | 63.5          |
|                     |               |                    |                     | > 15.0        |



**Meas.20 Body Plane with Back Side 10mm on 1 Channel in UHF mode with Ant.4**
**Exposure Conditions**

| Phantom Section, TSL | Position, Test Distance [mm] | Band        | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity | Ambient Temperature [°C] | Liquid Temperature [°C] |
|----------------------|------------------------------|-------------|------------|---------------------------------|-------------------|------------------------|------------------|--------------------------|-------------------------|
| Flat, HSL            | BACK, 10.00                  | Custom Band | CW, 0--    | 902.75, 902750                  | 10.3              | 0.949                  | 42.0             | 22.2                     | 21.1                    |

**Hardware Setup**

| Phantom                                 | TSL, Measured Date        | Probe, Calibration Date     | DAE, Calibration Date   |
|---|---------------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1859 | HBBL-600-10000 2025-07-21 | EX3DV4 - SN3974, 2025-06-05 | DAE4 Sn1710, 2025-01-20 |

**Scan Setup**

|                     | Area Scan     | Zoom Scan          |  | Area Scan           | Zoom Scan     |
|---------------------|---------------|--------------------|--|---------------------|---------------|
| Grid Extents [mm]   | 120.0 x 180.0 | 32.0 x 32.0 x 30.0 |  | 2025-07-21          | 2025-07-21    |
| Grid Steps [mm]     | 15.0 x 15.0   | 8.0 x 8.0 x 5.0    |  | 0.370               | 0.379         |
| Sensor Surface [mm] | 3.0           | 1.4                |  | 0.234               | 0.237         |
| Graded Grid         | Yes           | Yes                |  | 0.04                | -0.01         |
| Grading Ratio       | 1.5           | 1.5                |  | Disabled            | Disabled      |
| MAIA                | N/A           | N/A                |  | Scaling Factor [dB] |               |
| Surface Detection   | VMS + 6p      | VMS + 6p           |  | TSL Correction      | No correction |
| Scan Method         | Measured      | Measured           |  | M2/M1 [%]           | No correction |
|                     |               |                    |  | Dist 3dB Peak [mm]  | 50.2          |
|                     |               |                    |  |                     | 11.2          |

