

Test Laboratory: BTL Inc.

Date: 2024/4/2

## G07\_GSM 850\_GPRS 2Tx\_CH128\_Rear Face\_0mm\_SIM 1

**DUT: POS Terminal;**

Communication System: UID 0, GPRS 2TX (0);

Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 42.543$ ;  $\rho = 1000$  kg/m<sup>3</sup>

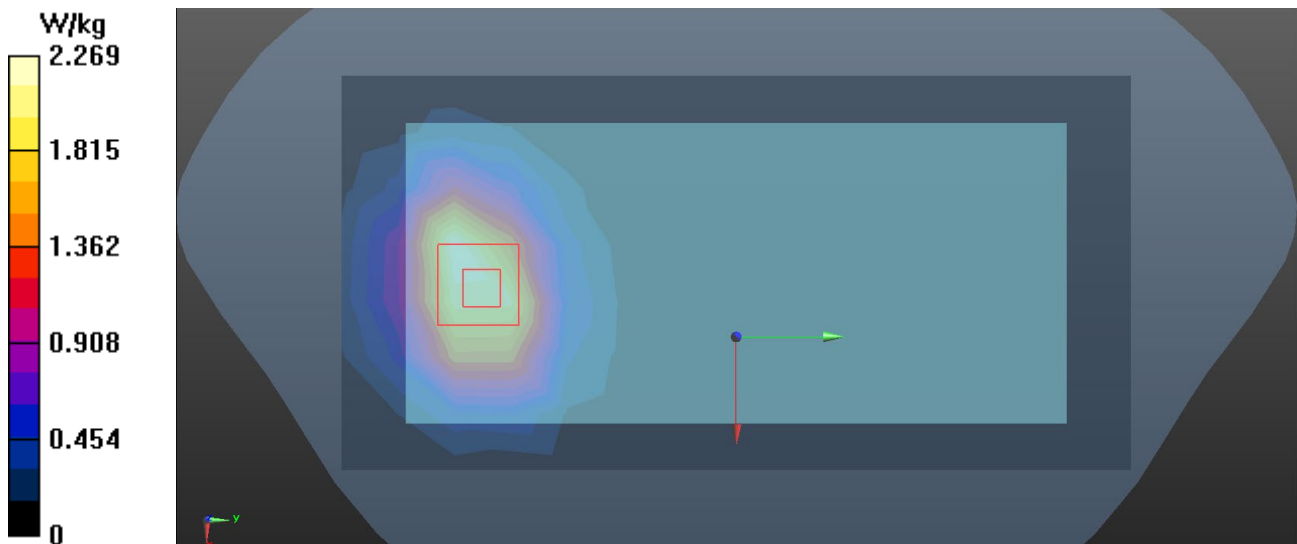
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(10.38, 10.38, 10.38) @ 824.2 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (8x15x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 2.27 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 8.639 V/m; Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 4.27 W/kg  
**SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.09 W/kg**  
Maximum value of SAR (measured) = 3.34 W/kg



Test Laboratory: BTL Inc.

Date: 2024/4/5

## G12\_GSM 1900\_GPRS 2Tx\_CH661\_Rear Face\_0mm\_SIM 1

**DUT: POS Terminal;**

Communication System: UID 0, GPRS 2TX (0);

Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used (extrapolated):  $f = 1880$  MHz;  $\sigma = 1.336$  S/m;  $\epsilon_r = 41.212$ ;  $\rho = 1000$  kg/m<sup>3</sup>

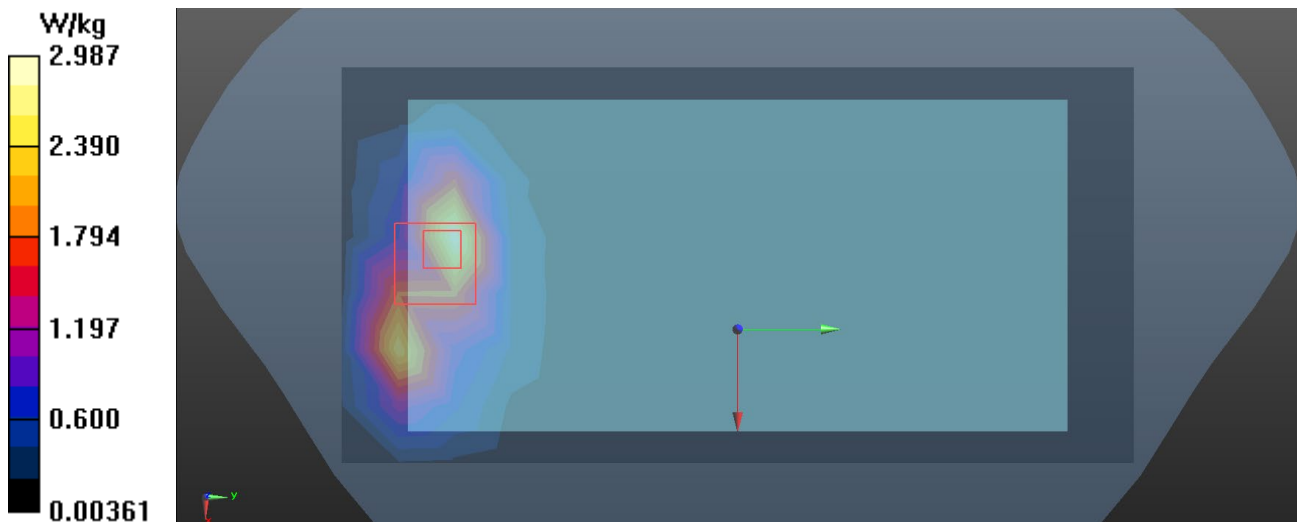
Ambient Temperature: 22.6 °C; Liquid Temperature: 21.8 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.42, 7.98, 7.67) @ 1880 MHz; Calibrated: 2023/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (8x15x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 2.99 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 6.218 V/m; Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 3.59 W/kg  
**SAR(1 g) = 2.05 W/kg; SAR(10 g) = 1.12 W/kg**  
Maximum value of SAR (measured) = 3.11 W/kg



Test Laboratory: BTL Inc.

Date: 2024/4/5

## U09\_UMTS B2\_RMC12.2K\_CH9400\_Rear Face\_0mm\_SIM 2

**DUT: POS Terminal;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 1880$  MHz;  $\sigma = 1.336$  S/m;  $\epsilon_r = 41.212$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6°C; Liquid Temperature : 21.8°C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.42, 7.98, 7.67) @ 1880 MHz; Calibrated: 2023/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (9x15x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 2.65 W/kg

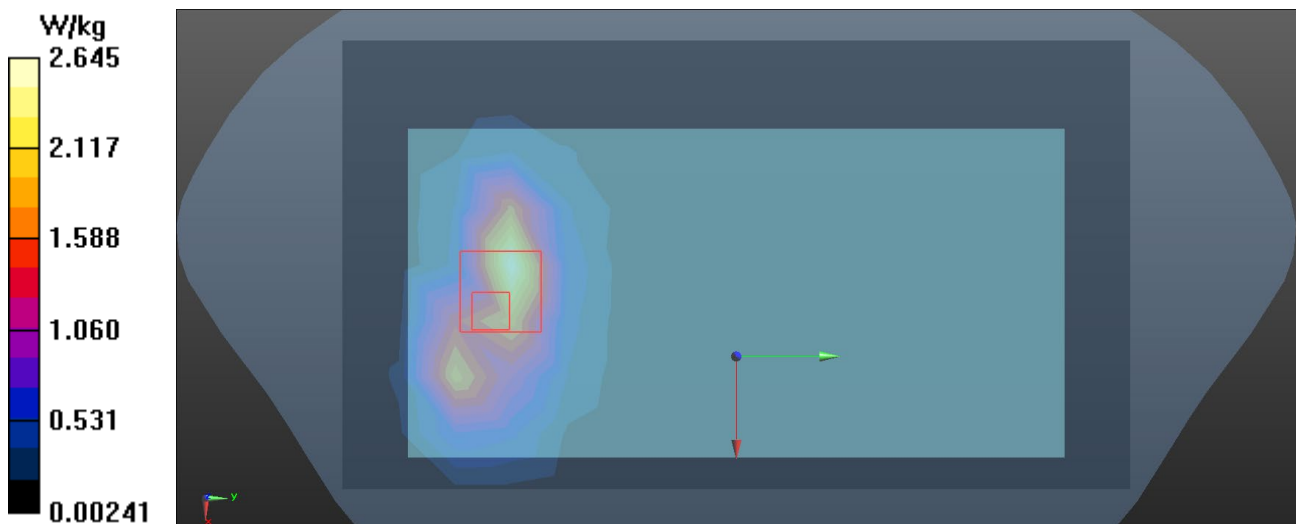
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.389 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.23 W/kg

**SAR(1 g) = 1.83 W/kg; SAR(10 g) = 0.975 W/kg**

Maximum value of SAR (measured) = 2.86 W/kg



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Date: 2024/4/1

## U12\_UMTS B4\_RMC12.2K\_CH1413\_Rear Face\_0mm\_SIM 1

**DUT: POS Terminal;**

Communication System: UID 0, WCDMA (0);

Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.6$  MHz;  $\sigma = 1.292$  S/m;  $\epsilon_r = 41.162$ ;  $\rho = 1000$  kg/m<sup>3</sup>

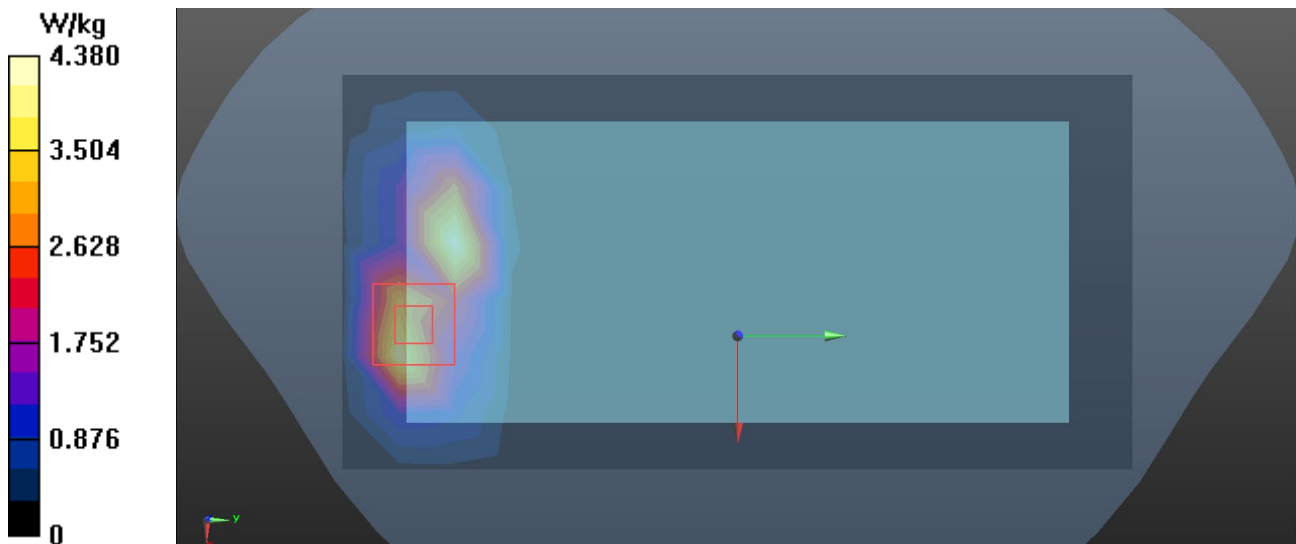
Ambient Temperature: 22.8 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(8.51, 8.51, 8.51) @ 1732.6 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (8x15x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 4.38 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 2.318 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 6.65 W/kg  
**SAR(1 g) = 3.40 W/kg; SAR(10 g) = 1.66 W/kg**  
Maximum value of SAR (measured) = 5.46 W/kg



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## U22\_UMTS B5\_RMC12.2K\_CH4182\_Rear Face\_0mm\_SIM 1

**DUT: POS Terminal;**

Communication System: UID 0, WCDMA (0);

Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.919$  S/m;  $\epsilon_r = 42.454$ ;  $\rho = 1000$  kg/m<sup>3</sup>

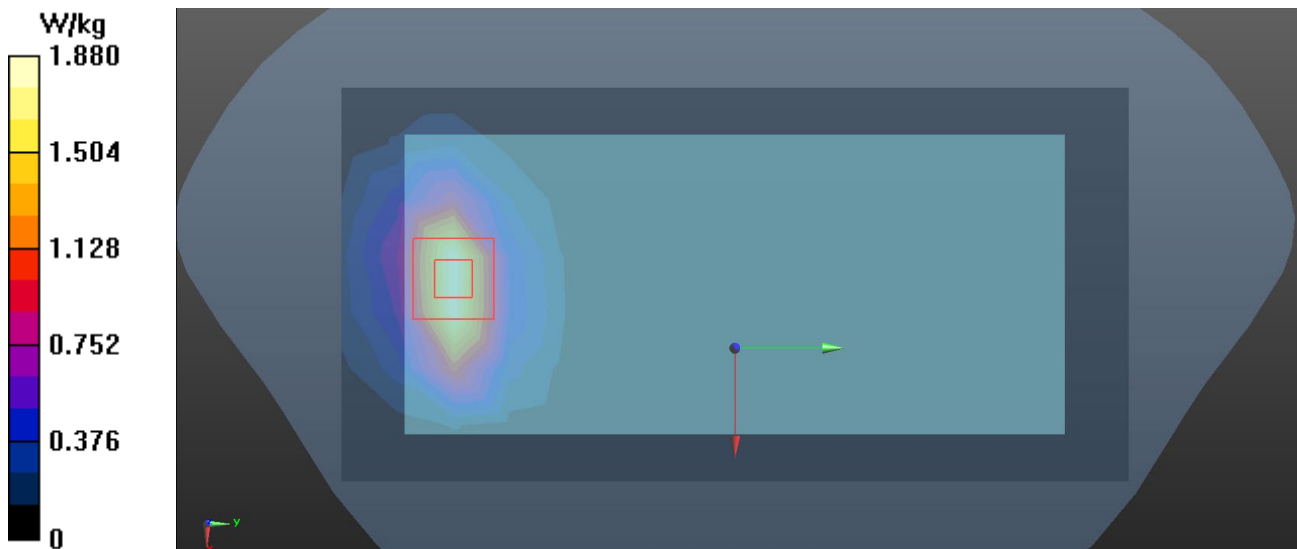
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(10.38, 10.38, 10.38) @ 836.4 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (8x15x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 1.88 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 7.566 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 2.52 W/kg  
**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.588 W/kg**  
Maximum value of SAR (measured) = 2.02 W/kg



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## L08\_LTE B2\_QPSK20M\_CH18700\_50RB Offset 0\_Rear Face\_0mm\_SIM 1

### DUT: Mobile Phone;

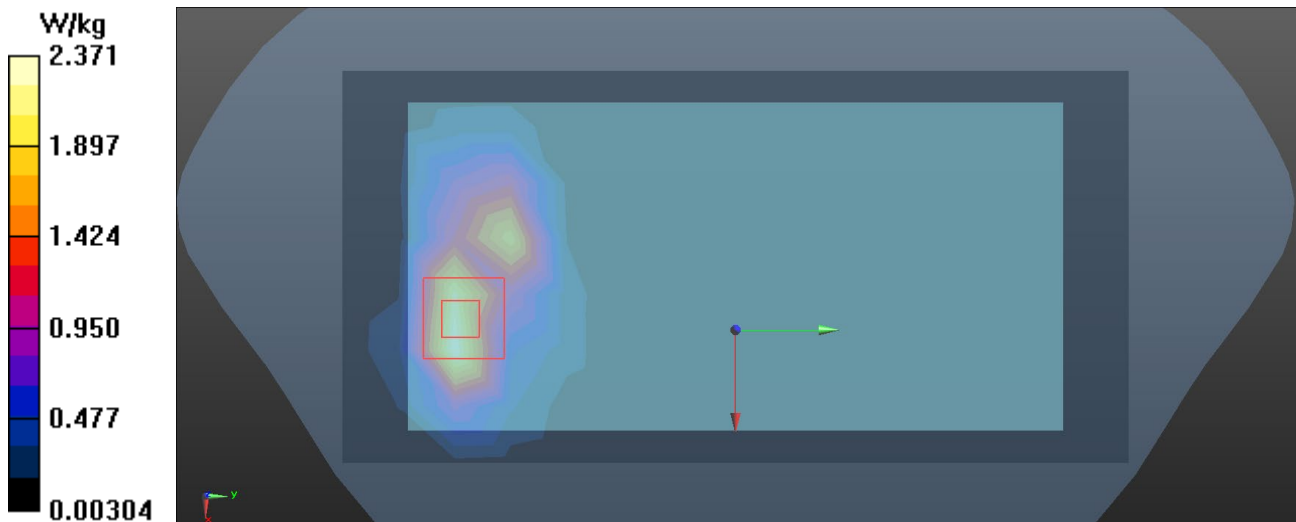
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);  
Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium parameters used (extrapolated):  $f = 1860$  MHz;  $\sigma = 1.319$  S/m;  $\epsilon_r = 41.276$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C; Liquid Temperature : 21.8 °C

### DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.42, 7.98, 7.67) @ 1860 MHz; Calibrated: 2023/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (8x15x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 2.37 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 4.561 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 3.00 W/kg  
**SAR(1 g) = 1.72 W/kg; SAR(10 g) = 0.893 W/kg**  
Maximum value of SAR (measured) = 2.61 W/kg



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### L30\_LTE B4\_QPSK20M\_CH20300\_1RB Offset 0\_Rear Face\_0mm\_SIM 1

**DUT: POS Terminal;**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1745$  MHz;  $\sigma = 1.304$  S/m;  $\epsilon_r = 41.111$ ;  $\rho = 1000$  kg/m<sup>3</sup>

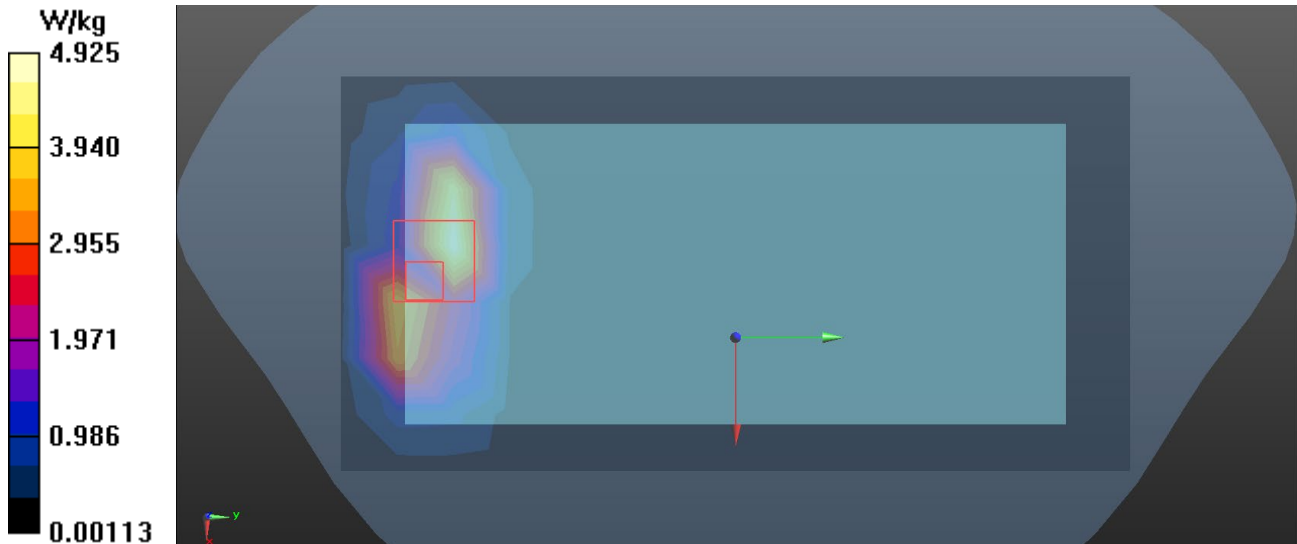
Ambient Temperature: 22.8 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(8.51, 8.51, 8.51) @ 1745 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (8x15x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 4.92 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 2.904 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 7.39 W/kg  
**SAR(1 g) = 3.55 W/kg; SAR(10 g) = 1.78 W/kg**  
Maximum value of SAR (measured) = 6.25 W/kg



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## L34\_LTE B5\_QPSK10M\_CH20450\_1RB Offset24\_Rear Face\_0mm\_SIM 1

**DUT: POS Terminal;**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 829$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 42.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

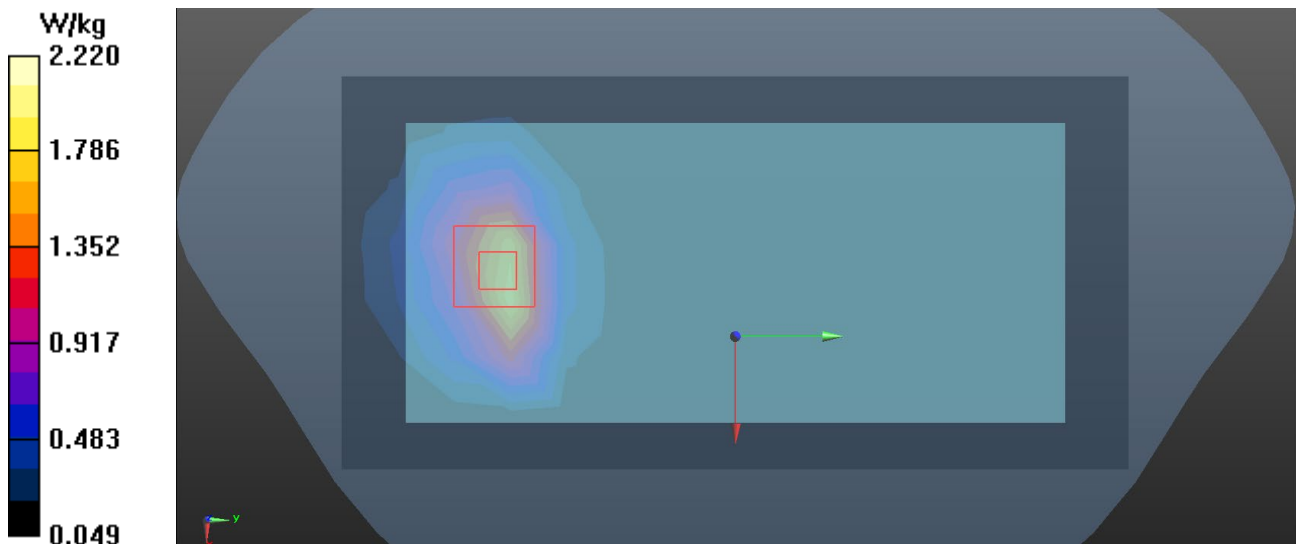
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(10.38, 10.38, 10.38) @ 829 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (8x15x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 1.88 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 6.781 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 2.86 W/kg  
**SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.701 W/kg**  
Maximum value of SAR (measured) = 2.22 W/kg





Test Laboratory: BTL Inc.

Date: 2024/4/6

## L62\_LTE B7\_QPSK20M\_CH20850\_1RB Offset 0\_Rear Face\_0mm\_SIM 1

**DUT: POS Terminal;**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.891$  S/m;  $\epsilon_r = 39.76$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(8.2, 8.2, 8.2) @ 2510 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (10x19x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 7.25 W/kg

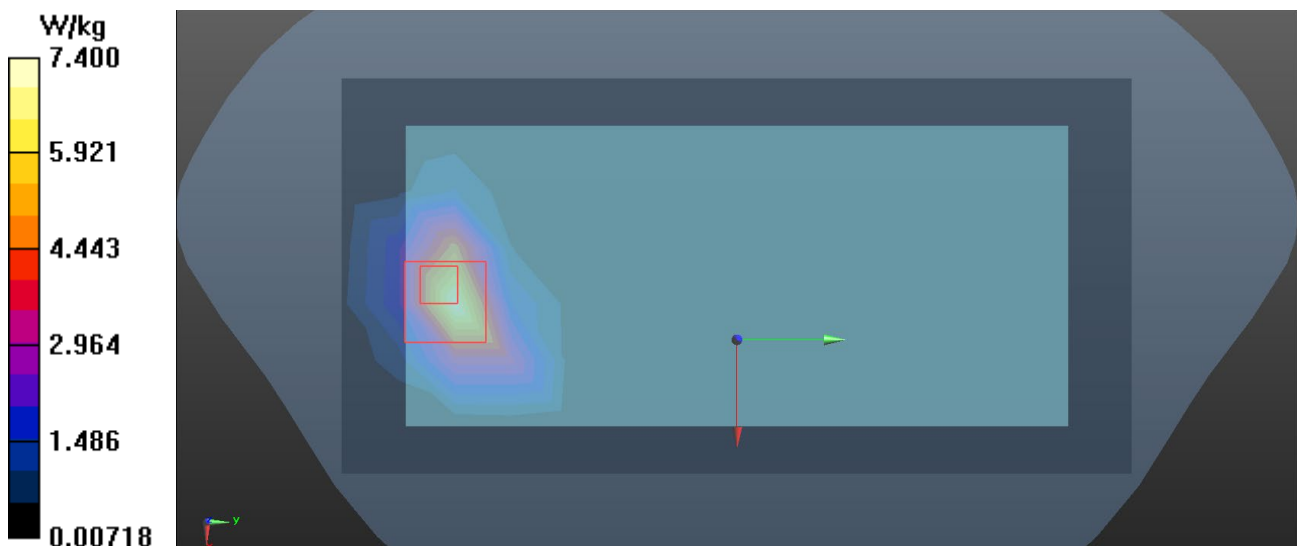
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.038 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 10.1 W/kg

**SAR(1 g) = 4.16 W/kg; SAR(10 g) = 1.81 W/kg**

Maximum value of SAR (measured) = 7.40 W/kg



Test Laboratory: BTL Inc.

Date: 2024/4/1

### L78\_LTE B66\_QPSK20M\_CH132322\_1RB Offset 0\_Rear Face\_0mm\_SIM 1

**DUT: POS Terminal;**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1745$  MHz;  $\sigma = 1.304$  S/m;  $\epsilon_r = 41.111$ ;  $\rho = 1000$  kg/m<sup>3</sup>

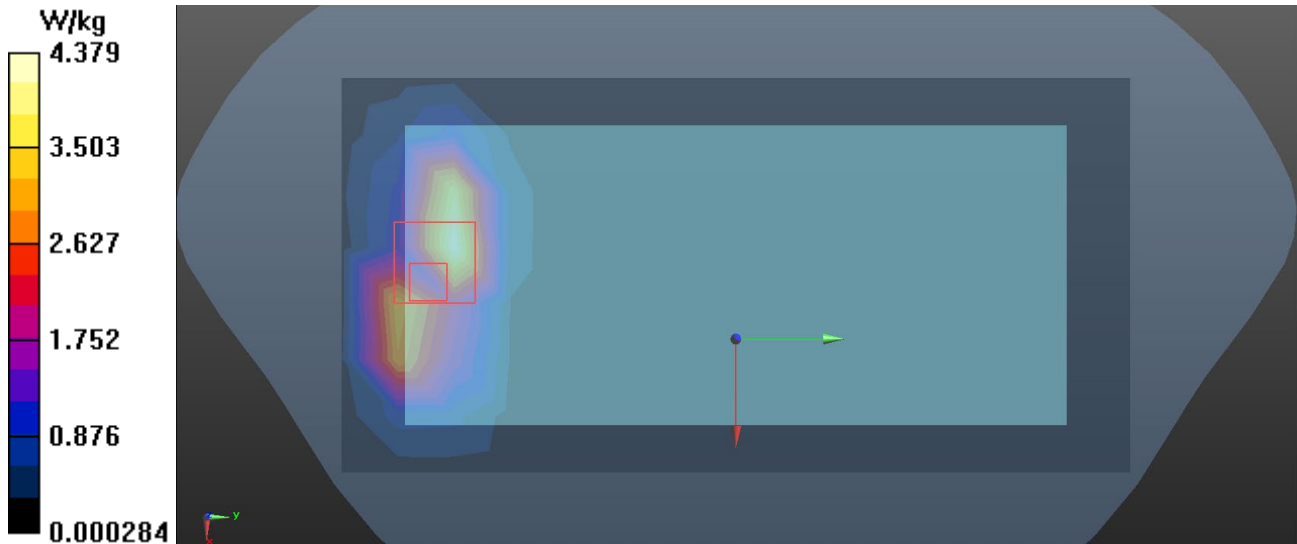
Ambient Temperature: 22.8 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(8.51, 8.51, 8.51) @ 1745 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (8x15x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 4.38 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 2.305 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 6.53 W/kg  
**SAR(1 g) = 3.16 W/kg; SAR(10 g) = 1.58 W/kg**  
Maximum value of SAR (measured) = 5.54 W/kg



Test Laboratory: BTL Inc.

Date: 2024/4/9

## W04\_802.11n HT20\_CH6\_Right Side\_0mm

**DUT: POS Terminal;**

Communication System: UID 10591 - AAB, IEEE 802.11n (HT Mixed, 20MHz, MCS0, 99pc duty cycle);

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 40.025$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.9 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(8.33, 8.33, 8.33) @ 2437 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (10x19x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 1.88 W/kg

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

Reference Value = 8.901 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.96 W/kg

**SAR(1 g) = 1.58 W/kg; SAR(10 g) = 0.620 W/kg**

Maximum value of SAR (measured) = 3.04 W/kg

