

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: $f = 825 \text{ MHz}$; $\sigma = 0.912 \text{ S/m}$; $\epsilon_r = 42.543$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.4 \text{ }^\circ\text{C}$; Liquid Temperature: $22.6 \text{ }^\circ\text{C}$

DASY Configuration:

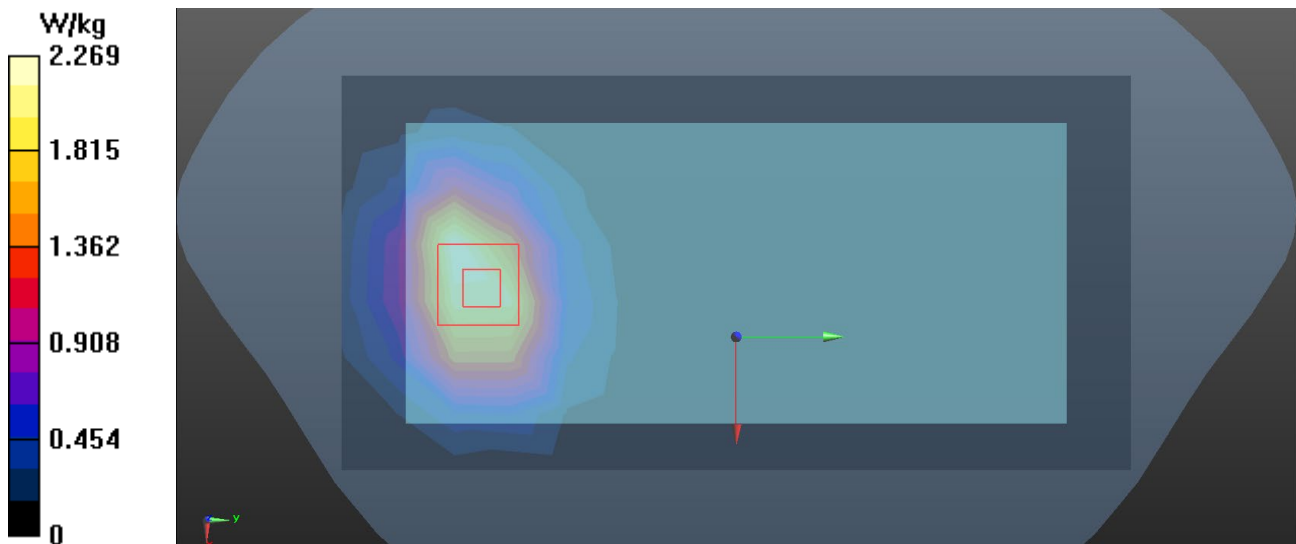
- Probe: EX3DV4 - SN7693; ConvF(10.38, 10.38, 10.38) @ 824.2 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD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

Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.27 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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): $f = 1880 \text{ MHz}$; $\sigma = 1.336 \text{ S/m}$; $\epsilon_r = 41.212$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $22.6 \text{ }^\circ\text{C}$; Liquid Temperature: $21.8 \text{ }^\circ\text{C}$

DASY Configuration:

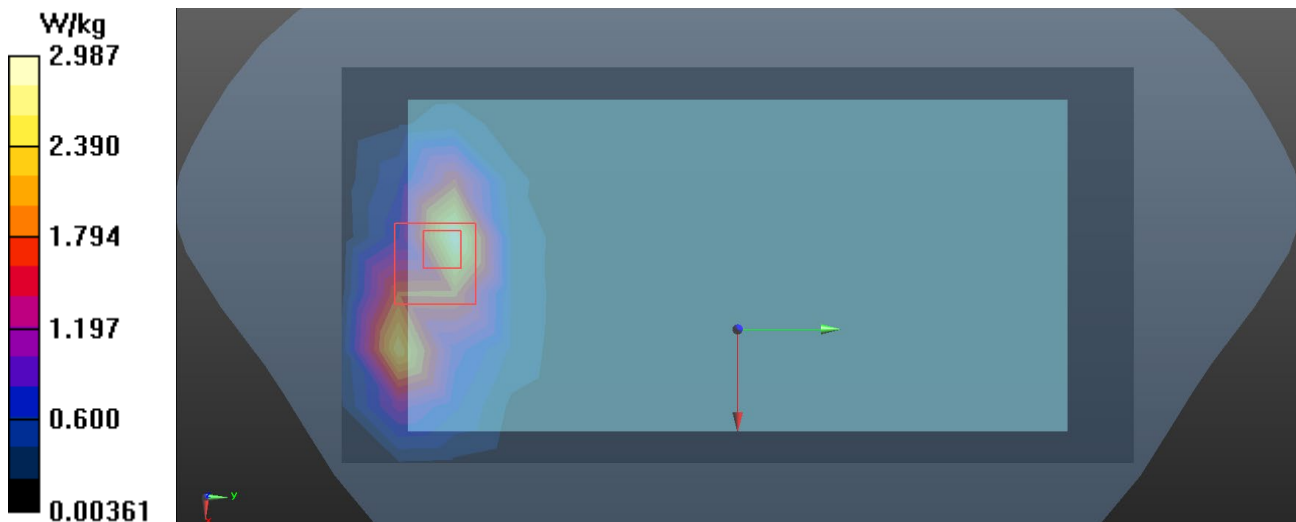
- Probe: EX3DV4 - SN3809; ConvF(8.42, 7.98, 7.67) @ 1880 MHz; Calibrated: 2023/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.99 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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/m³

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

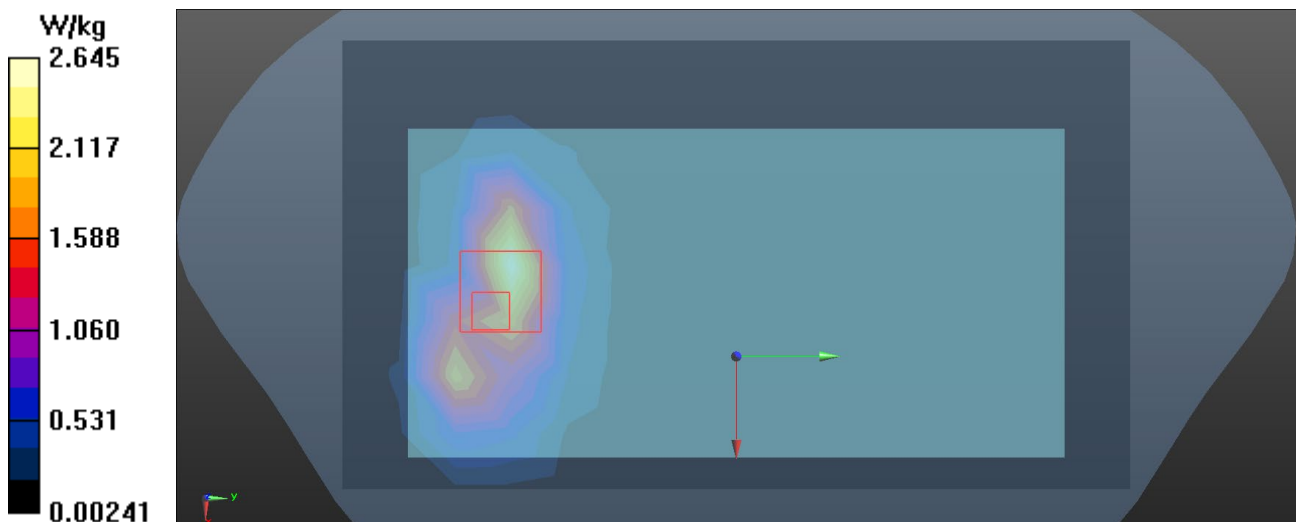
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

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



Test Laboratory: BTL Inc.

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/m³

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

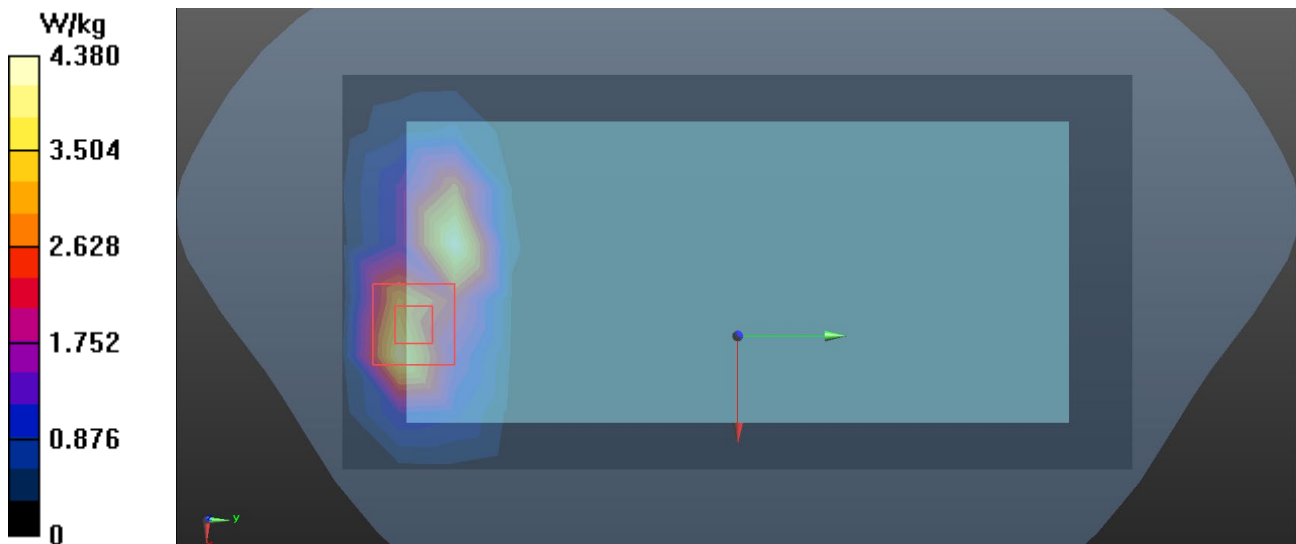
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

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



Test Laboratory: BTL Inc.

Date: 2024/4/2

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/m³

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

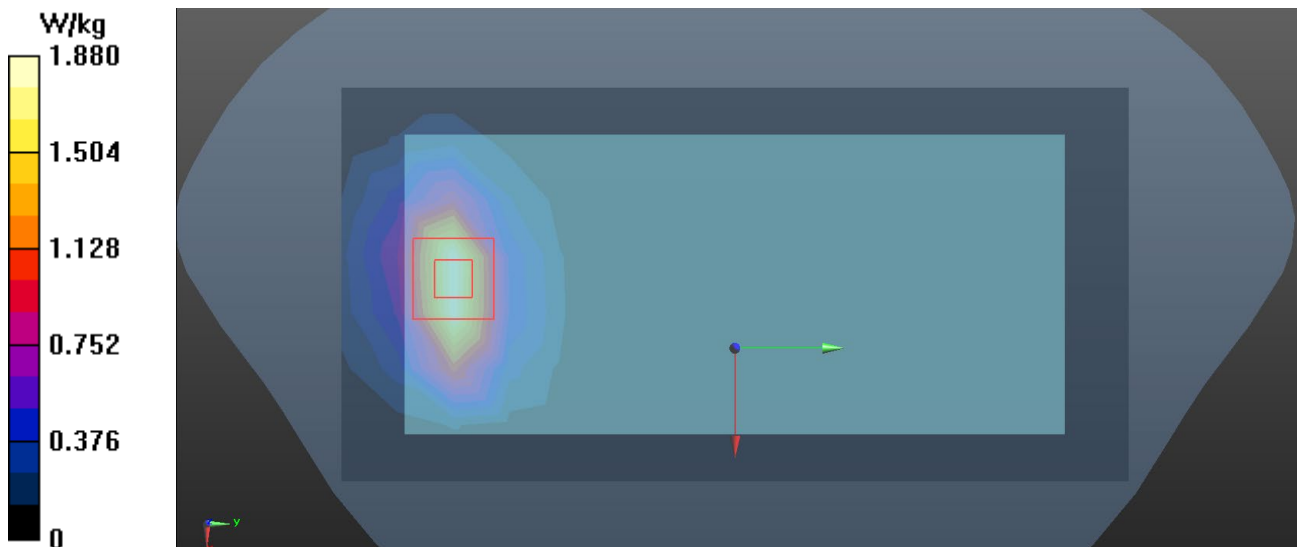
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

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



Test Laboratory: BTL Inc.

Date: 2024/4/5

L08_LTE B2_QPSK20M_CH18700_50RB Offset 0_Rear Face_0mm_SIM 1

DUT: Mobile Phone;

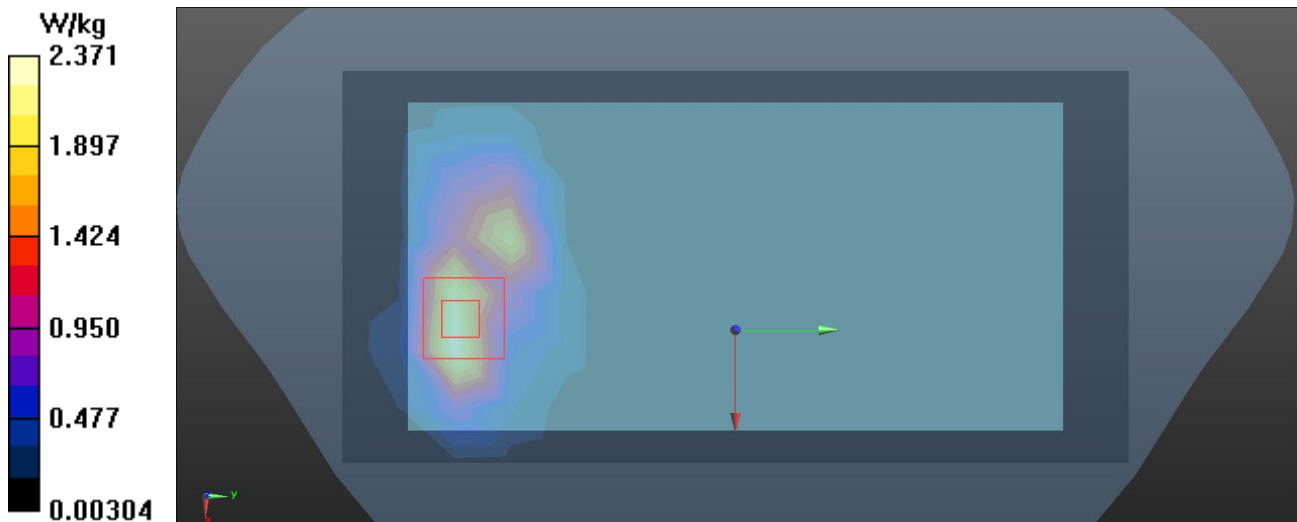
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);
Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 1860$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 41.276$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C; Liquid Temperature : 21.8 °C

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



Test Laboratory: BTL Inc.

Date: 2024/4/1

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/m³

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

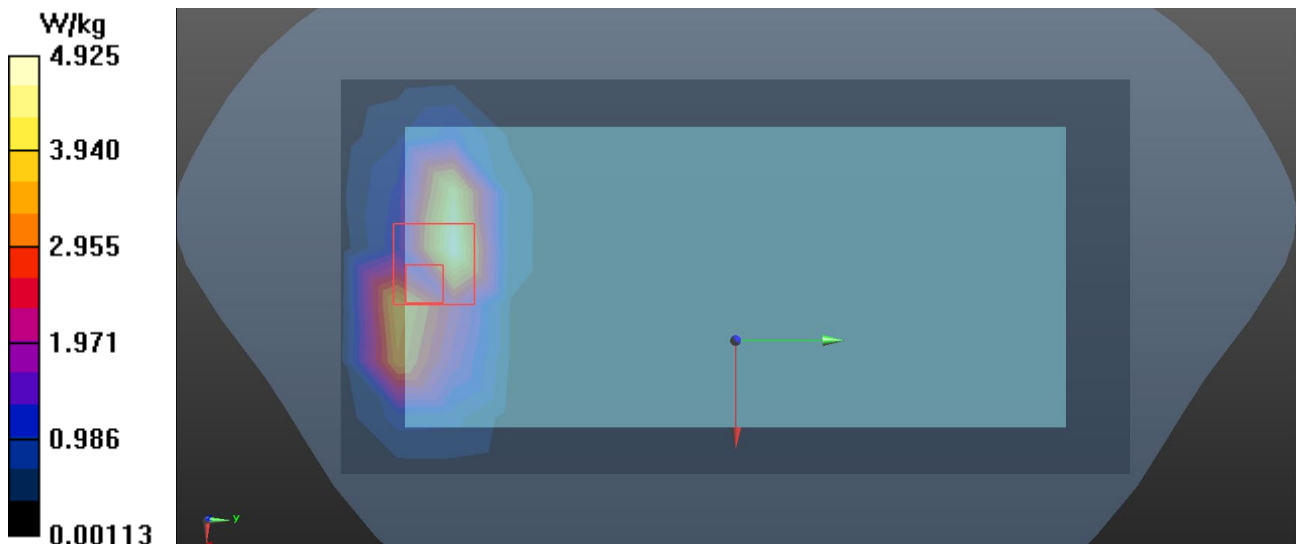
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

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



Test Laboratory: BTL Inc.

Date: 2024/4/2

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): $f = 829 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 42.511$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.4 \text{ }^\circ\text{C}$; Liquid Temperature: $22.6 \text{ }^\circ\text{C}$

DASY Configuration:

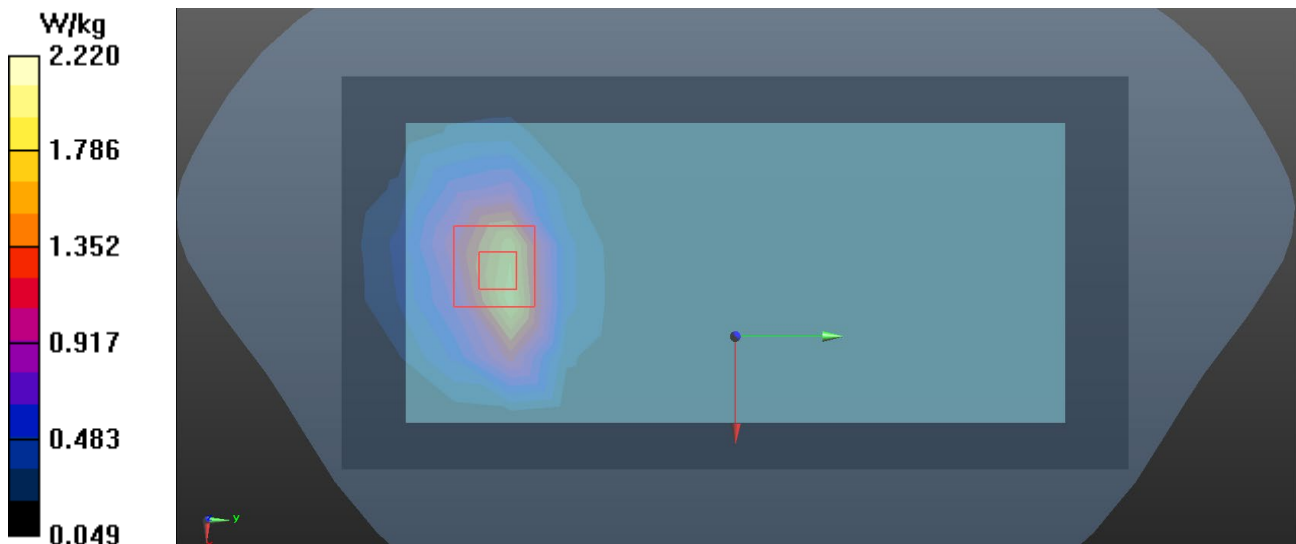
- Probe: EX3DV4 - SN7693; ConvF(10.38, 10.38, 10.38) @ 829 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD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

Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.88 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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/m³

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

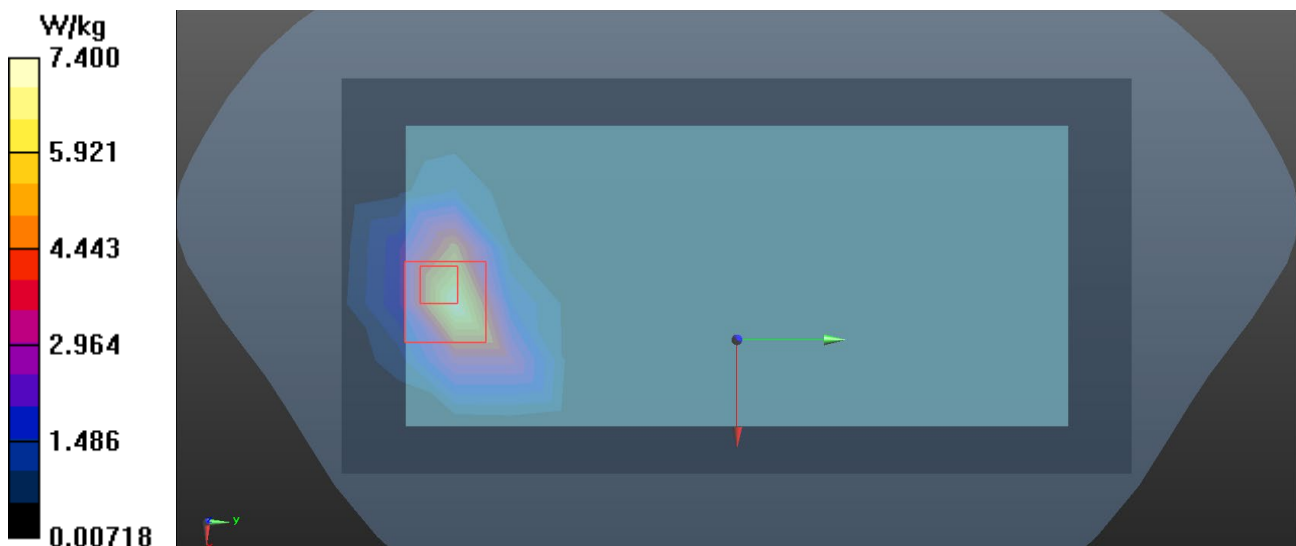
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

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/m³

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

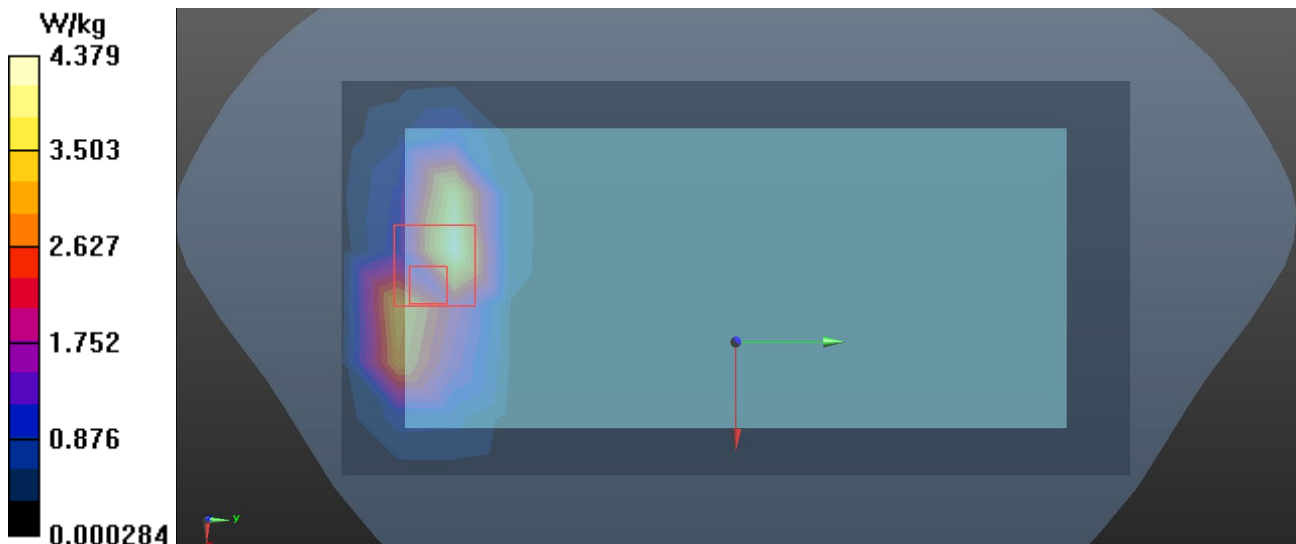
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

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/m³

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

