

Test Laboratory: BTL Inc.

Date: 2020/12/31

G05_GSM 850_GSM_CH190_Left Cheek_Ant Down_SIM 2_Battery 1**DUT: Mobile Phone;**

Communication System: UID 0, Generic GSM (0);

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 42.412$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 836.6 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.227 W/kg

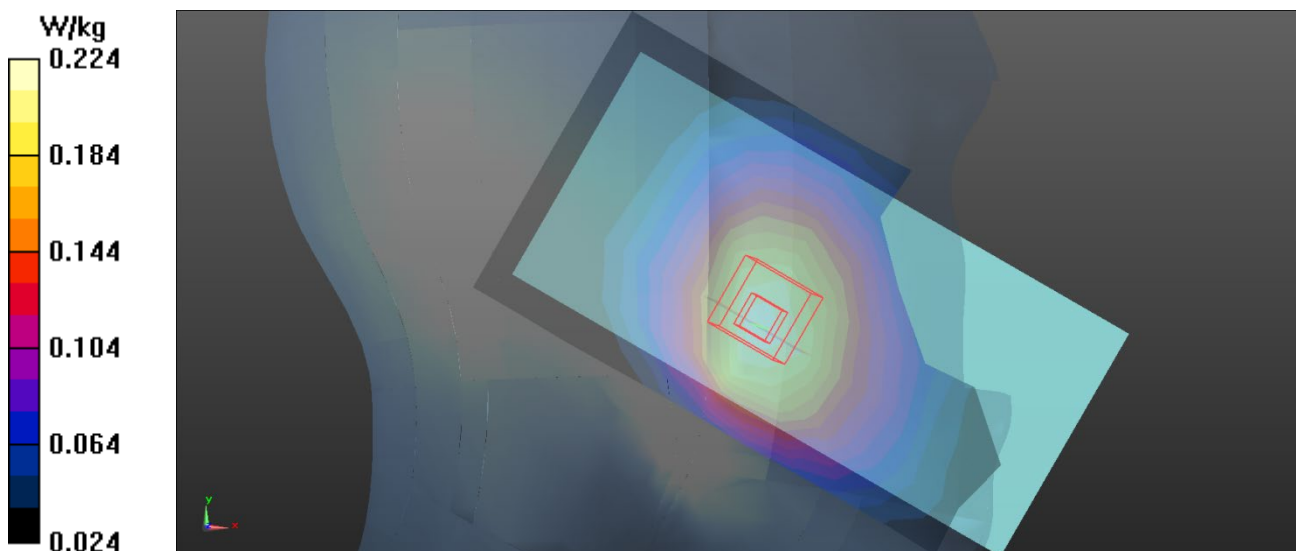
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.564 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.224 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/31

G14_GSM 850_GSM_CH190_Right Cheek_Ant Up_SIM 1_Battery 1**DUT: Mobile Phone;**

Communication System: UID 0, Generic GSM (0);

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 42.412$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 836.6 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.85 W/kg

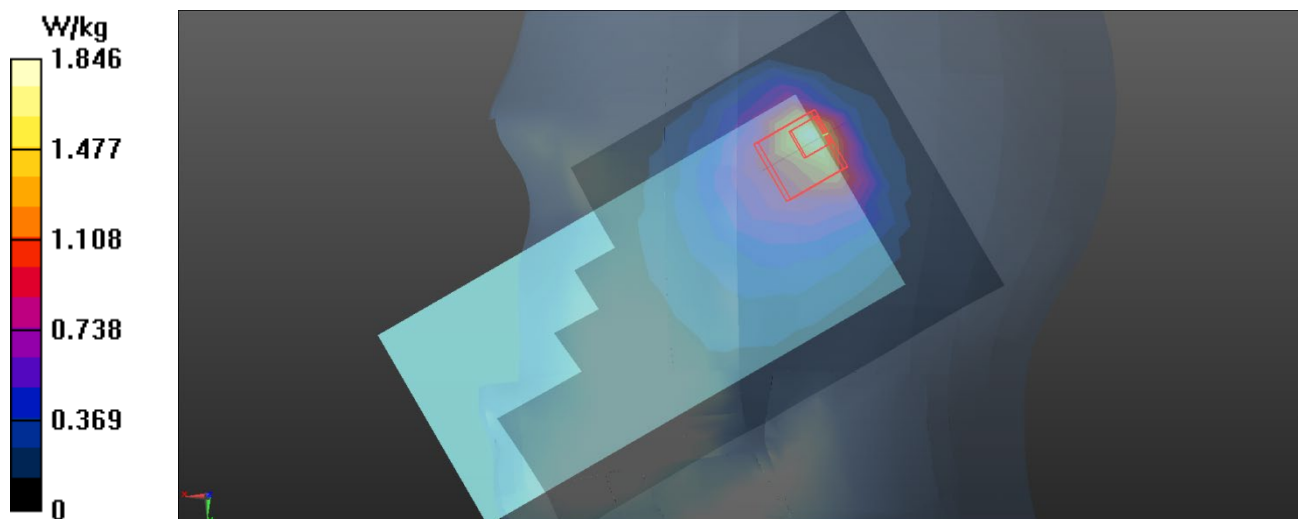
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 33.10 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.64 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.620 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/8

G17_GSM 1900_GSM_CH661_Left Cheek_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, Generic GSM (0);

Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.314 \text{ S/m}$; $\epsilon_r = 39.963$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

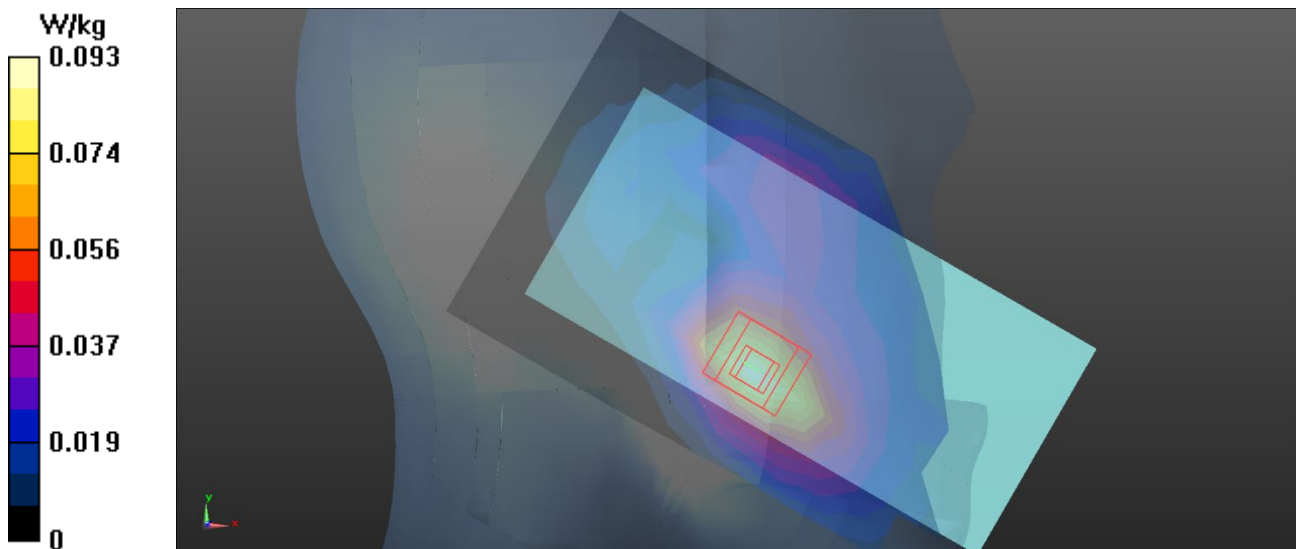
- Probe: EX3DV4 - SN7544; ConvF(8.22, 8.22, 8.22) @ 1880 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0925 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.515 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.066 W/kg ; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0892 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/10

G26_GSM 1900_GSM_CH661_Right Tilted_Ant Up_SIM 2_Battery 1

DUT: Mobile phone;

Communication System: UID 0, Generic GSM (0);

Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.315 \text{ S/m}$; $\epsilon_r = 39.168$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.576 W/kg

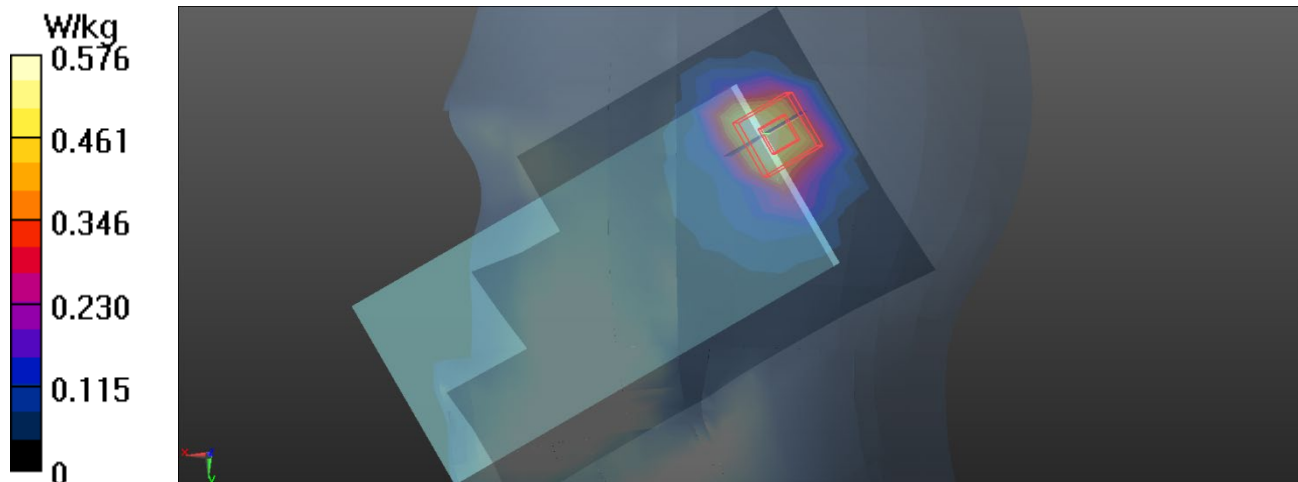
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.16 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 1.13 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/8

U03_UMTS B2_RMC12.2K_CH9400_Left Cheek_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.314 \text{ S/m}$; $\epsilon_r = 39.963$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

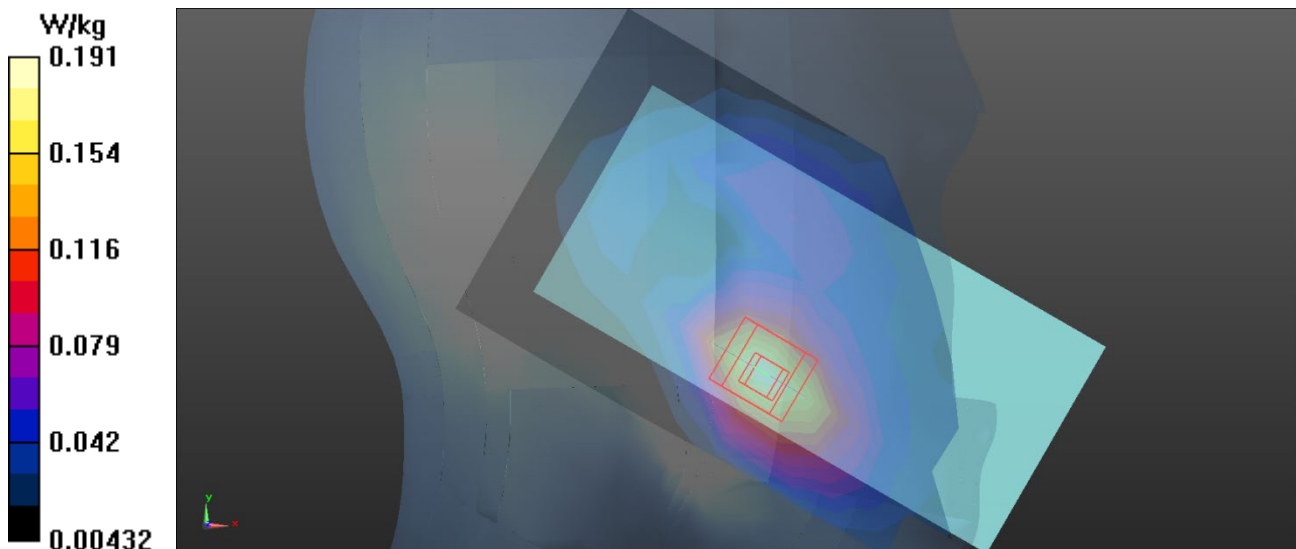
- Probe: EX3DV4 - SN7544; ConvF(8.22, 8.22, 8.22) @ 1880 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.193 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.481 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.145 W/kg ; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.191 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/10

U09_UMTS B2_RMC12.2K_CH9400_Right Tilted_Ant Up_SIM 1_Battery 1**DUT: Mobile phone;**

Communication System: UID 10011 - CAA, UMTS-FDD (WCDMA);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 39.168$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.875 W/kg

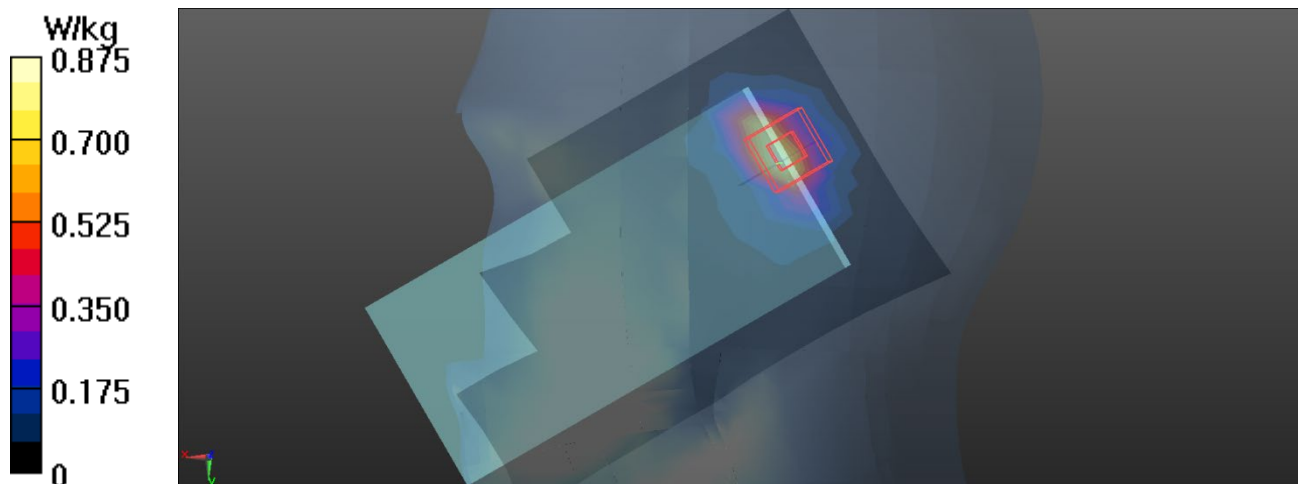
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.60 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.263 W/kg

Maximum value of SAR (measured) = 0.941 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/29

U17_UMTS B4_RMC12.2K_CH1413_Left Cheek_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA);

Frequency: 1732.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.8$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 39.901$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1732.8 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.204 W/kg

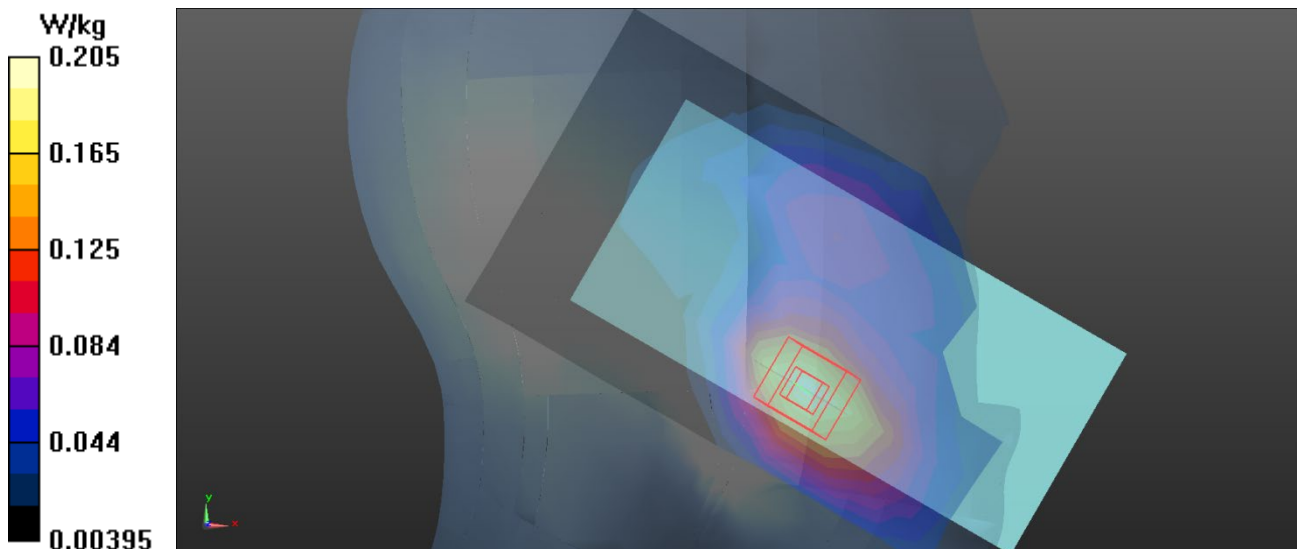
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.534 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.205 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/9

U23_UMTS B4_RMC12.2K_CH1413_Right Tilted_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

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

Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 39.495$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(5.22, 5.22, 5.22) @ 1732.6 MHz; Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.646 W/kg

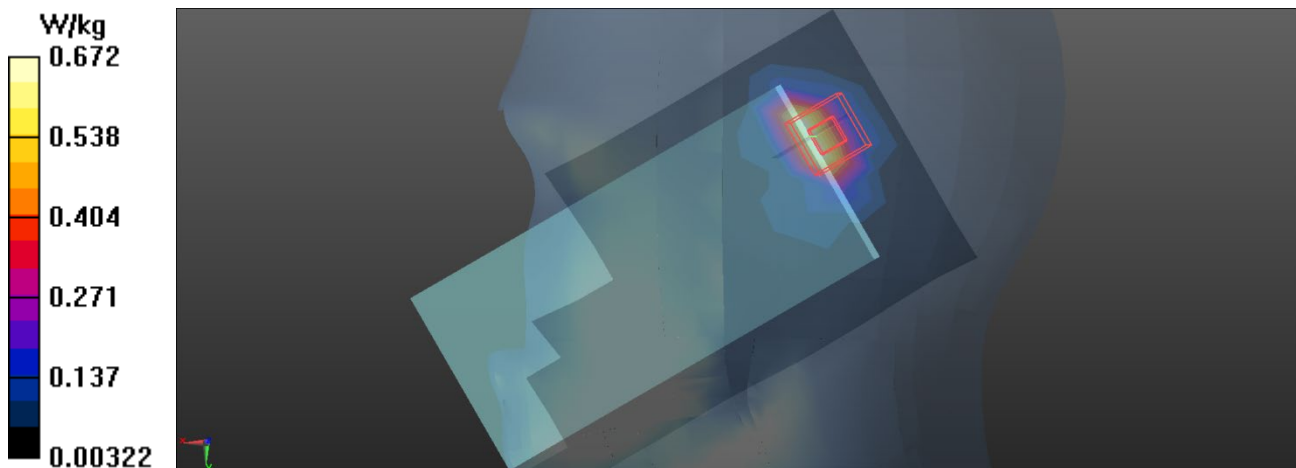
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.77 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 0.672 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/31

U31_UMTS B5_RMC12.2K_CH4182_Left Cheek_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

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

Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.414$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 836.4 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.217 W/kg

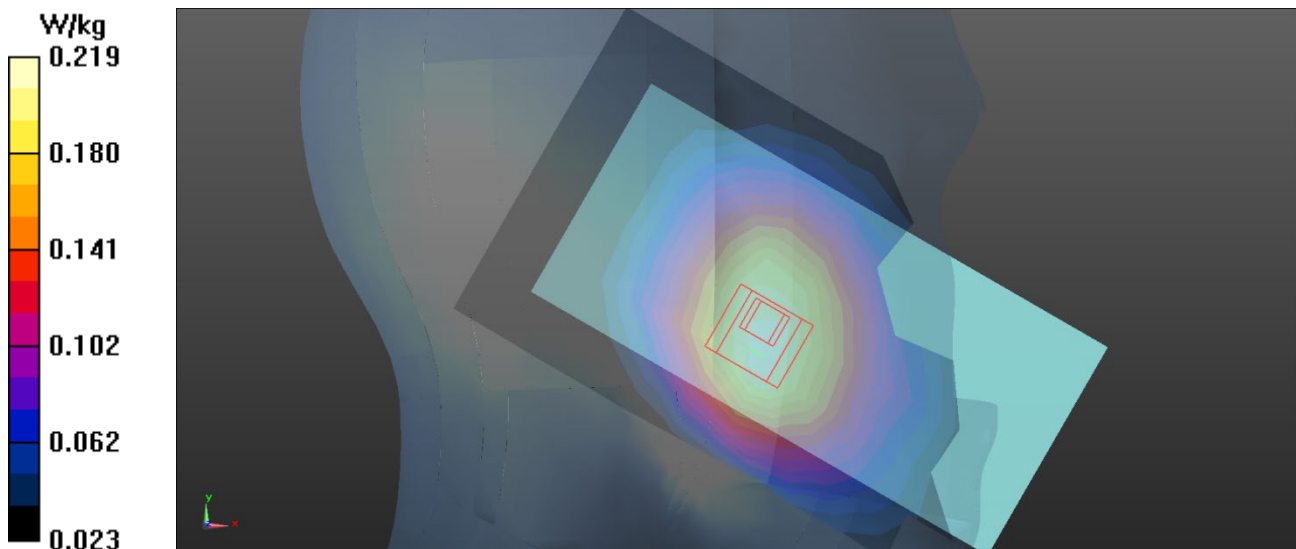
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.762 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 0.219 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/31

U40_UMTS B5_RMC12.2K_CH4233_Right Cheek_Ant Up_SIM 2_Battery 1

DUT: Mobile Phone;

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

Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 846.6 \text{ MHz}$; $\sigma = 0.95 \text{ S/m}$; $\epsilon_r = 42.342$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

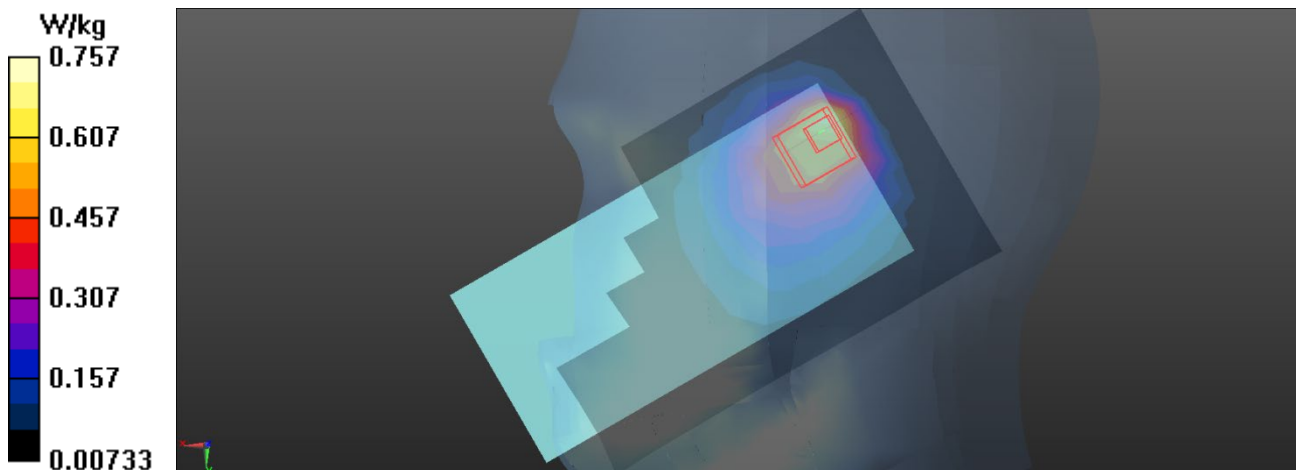
- Probe: ES3DV3 - SN3162; ConvF(5.95, 5.95, 5.95) @ 846.6 MHz; Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.705 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.06 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.616 W/kg ; SAR(10 g) = 0.352 W/kg

Maximum value of SAR (measured) = 0.757 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/8

L03_LTE B2_QPSK20M_CH18900_1RB_Left Cheek_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.314 \text{ S/m}$; $\epsilon_r = 39.963$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

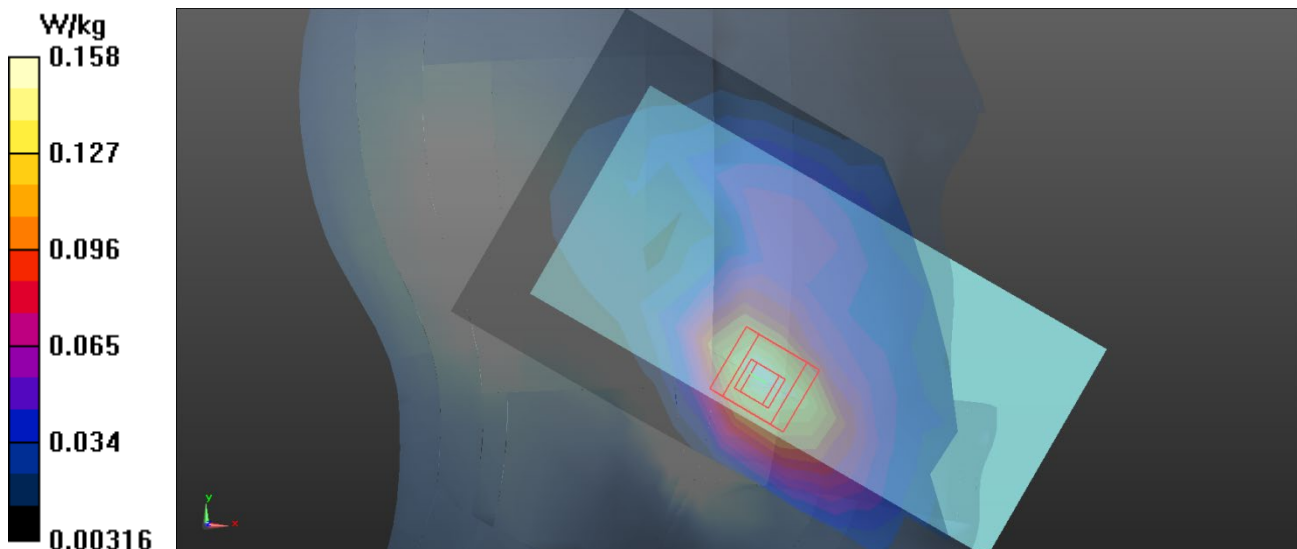
- Probe: EX3DV4 - SN7544; ConvF(8.22, 8.22, 8.22) @ 1880 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.159 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.060 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.182 W/kg
SAR(1 g) = 0.107 W/kg ; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.158 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/10

L20_LTE B2_QPSK20M_CH18900_50RB_Right Tilted_Ant Up_SIM 2_Battery 1

DUT: Mobile phone;

Communication System: UID 10297 - AAA, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 39.168$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.959 W/kg

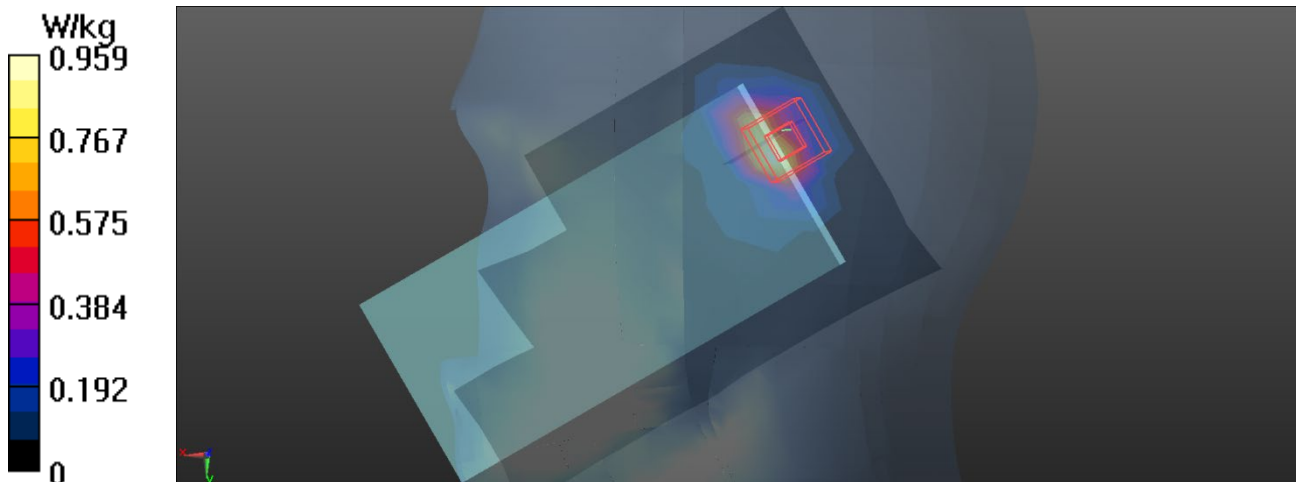
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.61 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 0.919 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/29

L31_LTE B4_QPSK20M_CH20175_1RB_Left Cheek_Ant Down_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 39.902$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1732.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.152 W/kg

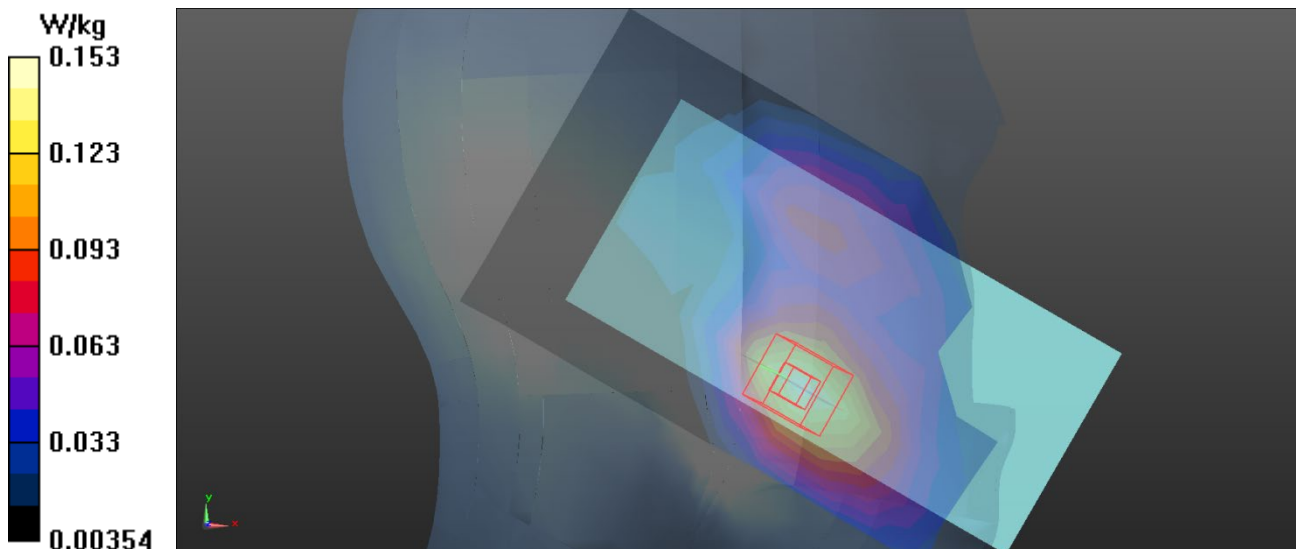
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.818 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.153 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/10

L49_LTE B4_QPSK20M_CH20300_1RB_Right Tilted_Ant Up_SIM 2_Battery 1

DUT: Mobile phone;

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

Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 39.631$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.8, 8.8, 8.8) @ 1745 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.42 W/kg

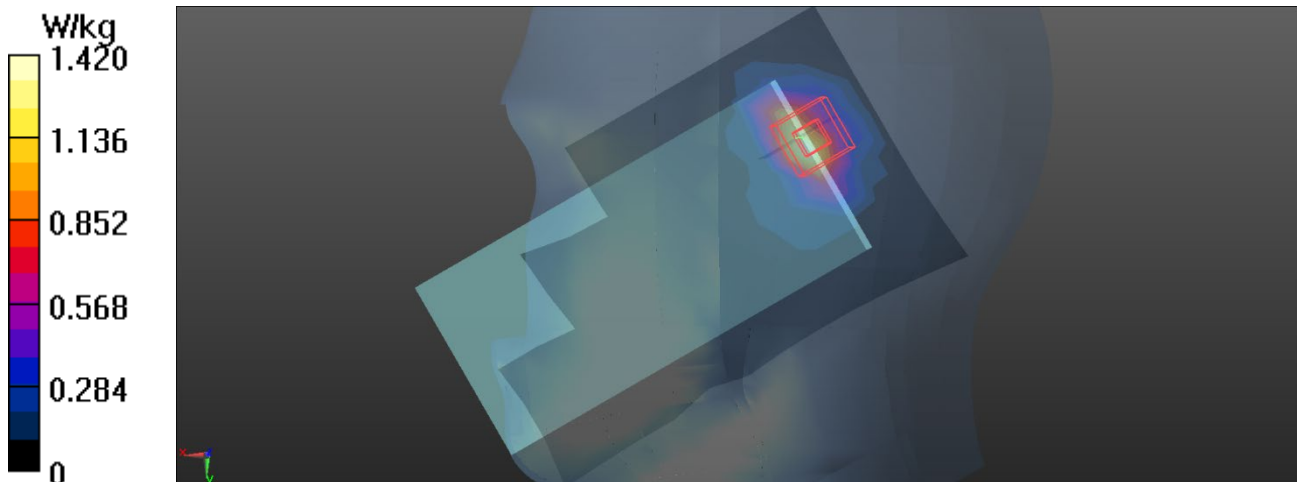
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.38 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.426 W/kg

Maximum value of SAR (measured) = 1.67 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/31

L59_LTE B5_QPSK10M_CH20450_1RB_Left Cheek_Ant Down_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0);

Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829 \text{ MHz}$; $\sigma = 0.938 \text{ S/m}$; $\epsilon_r = 42.456$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

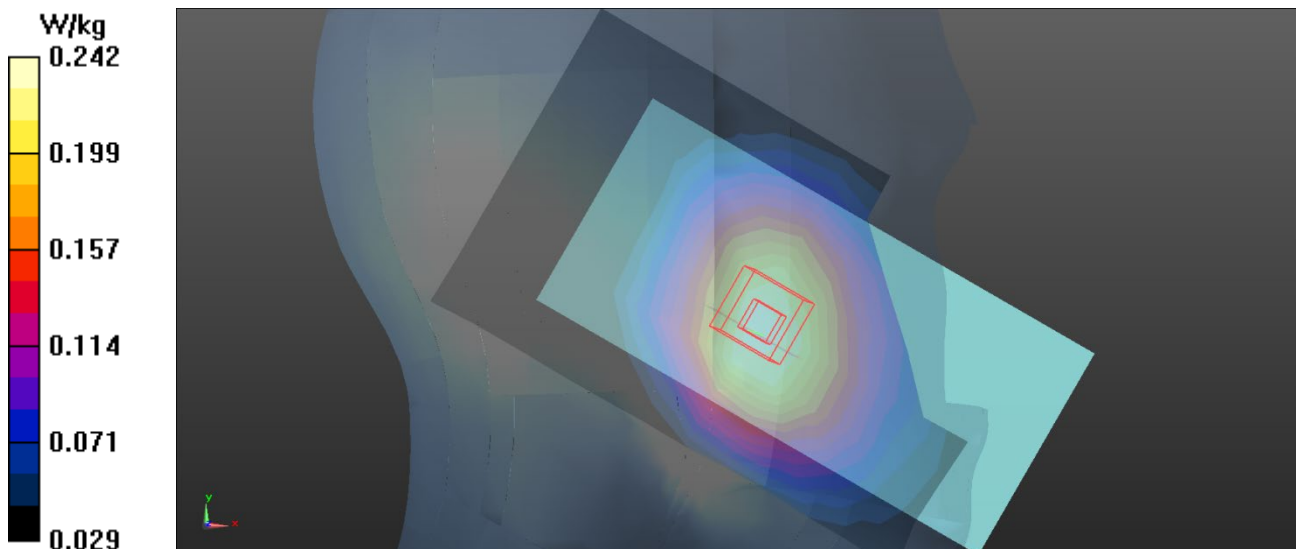
- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 829 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.242 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.705 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.260 W/kg
SAR(1 g) = 0.204 W/kg ; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.242 W/kg


Test Laboratory: BTL,Inc

Date: 2021/1/20

L71_LTE B5_QPSK10M_CH20600_1RB_Right Cheek_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE FDD (0);

Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 844 \text{ MHz}$; $\sigma = 0.954 \text{ S/m}$; $\epsilon_r = 40.604$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 844 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Left v5.0; Type: Twin SAM; Serial: TP:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.47 W/kg

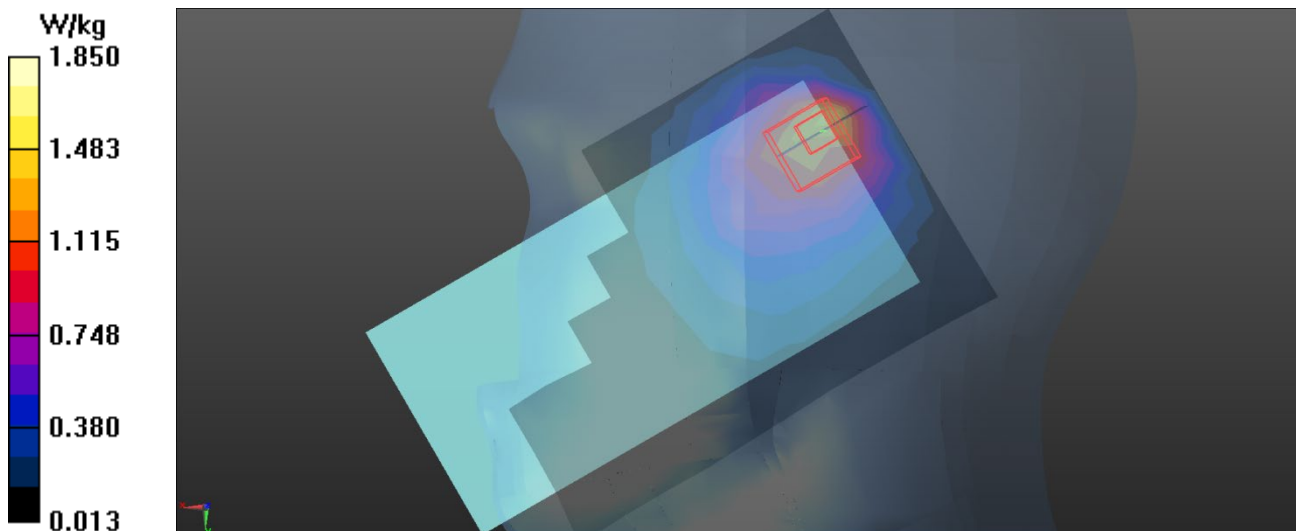
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.94 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.630 W/kg

Maximum value of SAR (measured) = 1.85 W/kg



Test Laboratory: BTL.Inc

Date: 2021/1/6

L85_LTE B7_QPSK20M_CH21100_1RB_Right Cheek_Ant Down_SIM 2_Battery 1

DUT: Mobile phone;

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

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.941 \text{ S/m}$; $\epsilon_r = 38.813$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2535 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.588 W/kg

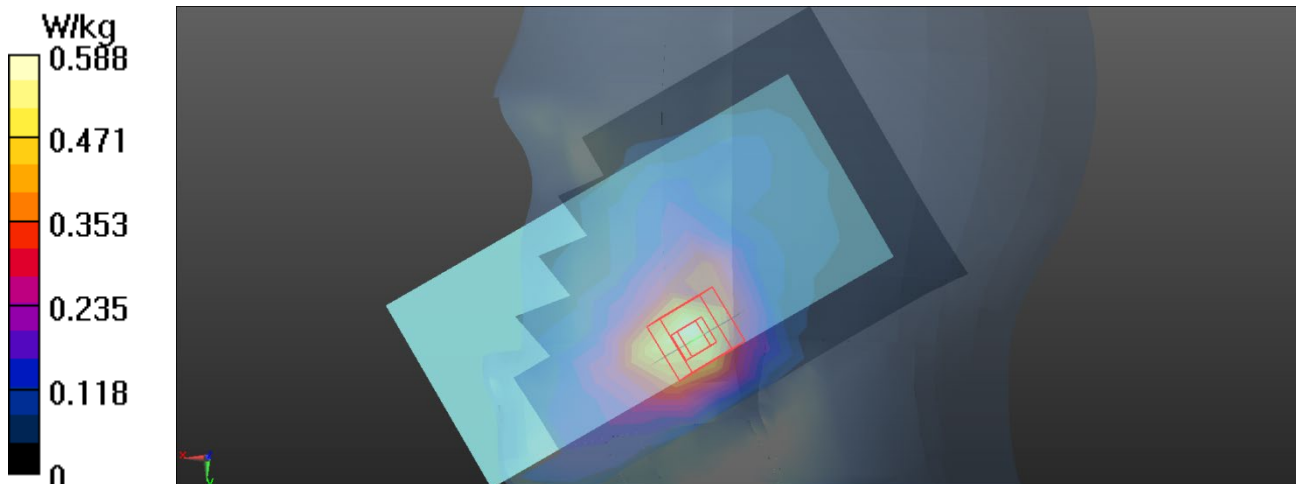
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.226 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.772 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.627 W/kg



Test Laboratory: BTL.Inc

Date: 2021/1/7

L93_LTE B7_QPSK20M_CH21100_50RB_Right Tilted_Ant Up_SIM 1_Battery 1

DUT: Mobile phone;

Communication System: UID 10169 - CAB, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK);

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.941 \text{ S/m}$; $\epsilon_r = 38.813$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2535 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.451 W/kg

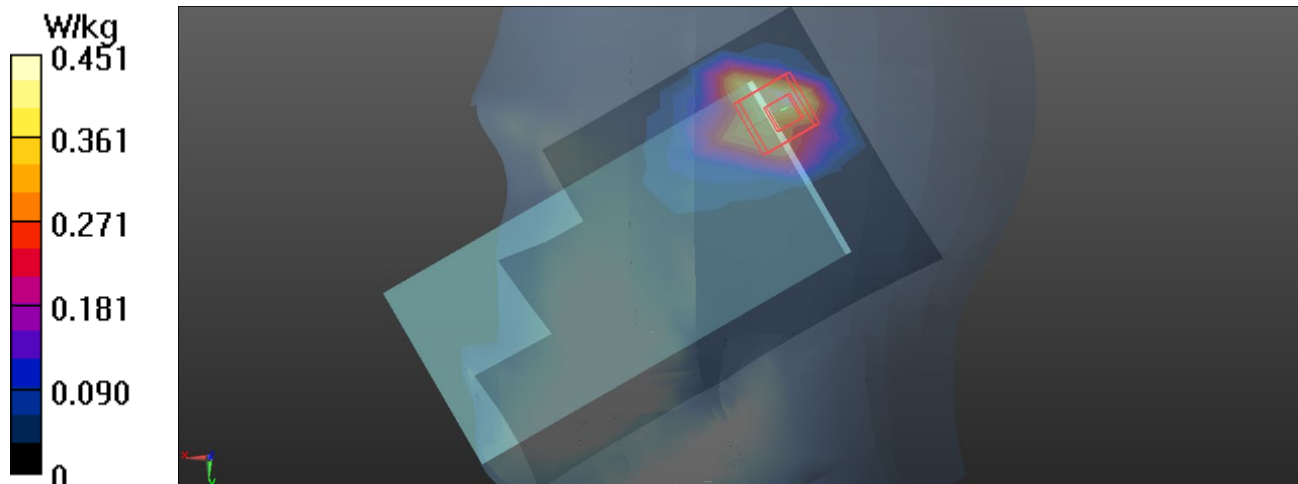
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.631 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/2

L107_LTE B12_QPSK10M_CH23095_1RB_Left Cheek_Ant Down_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0);

Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.856$ S/m; $\epsilon_r = 40.558$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 707.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.133 W/kg

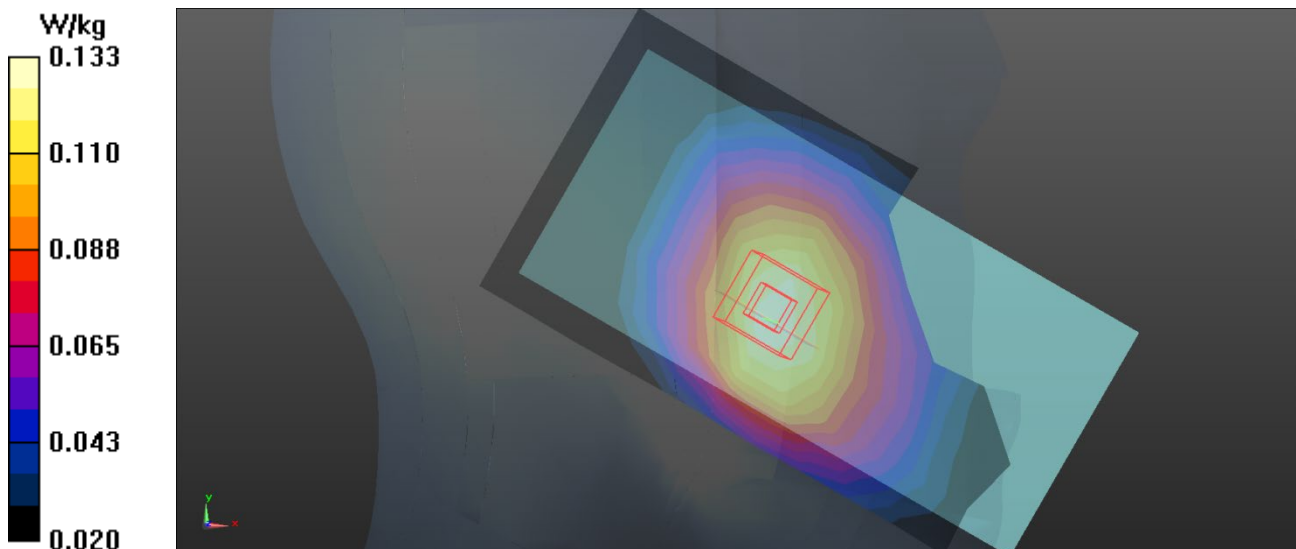
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.090 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.133 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/2

L112_LTE B12_QPSK10M_CH23130_1RB_Left Cheek_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 10108 - CAG, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK);

Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 40.531$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 711 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.470 W/kg

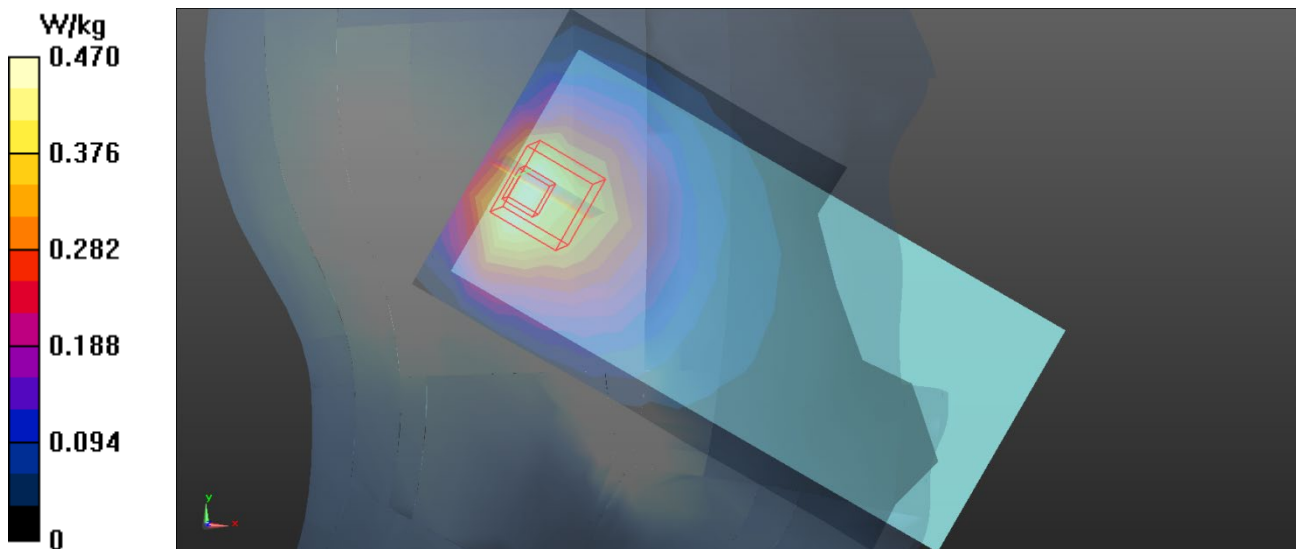
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.41 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 0.507 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/2

L129_LTE B17_QPSK10M_CH23800_1RB_Left Cheek_Ant Down_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 10108 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 711 \text{ MHz}$; $\sigma = 0.858 \text{ S/m}$; $\epsilon_r = 40.531$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.1 \text{ }^\circ\text{C}$

DASY Configuration:

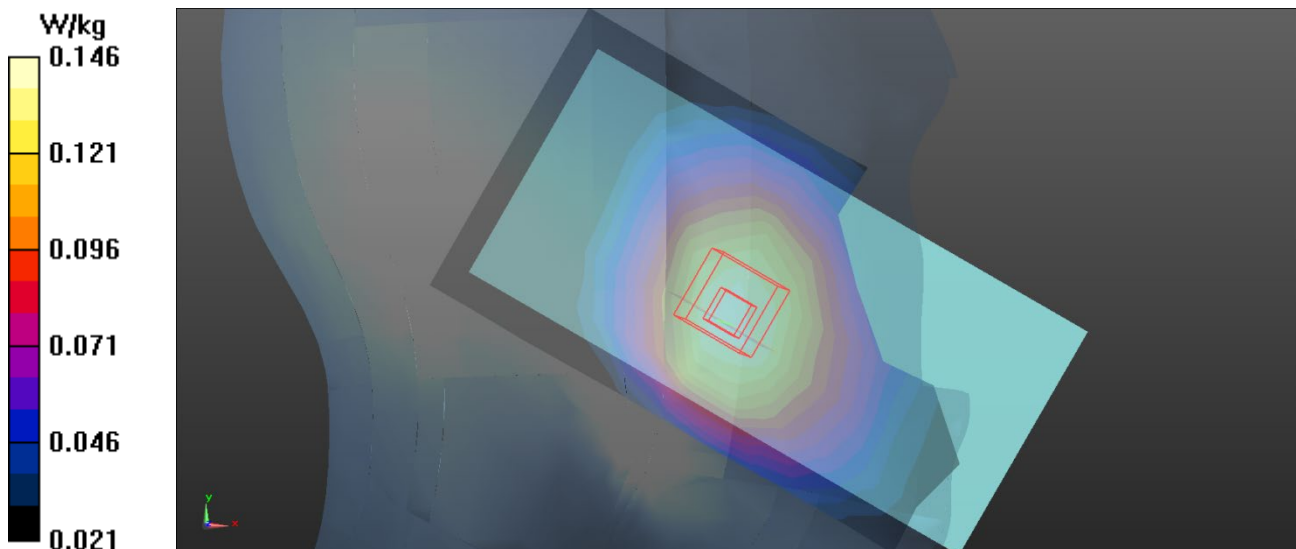
- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 711 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.144 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.827 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.126 W/kg ; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.146 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/2

L136_LTE B17_QPSK10M_CH23780_25RB_Right Cheek_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 10154 - CAG, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK);

Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709 \text{ MHz}$; $\sigma = 0.857 \text{ S/m}$; $\epsilon_r = 40.546$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.1 \text{ }^\circ\text{C}$

DASY Configuration:

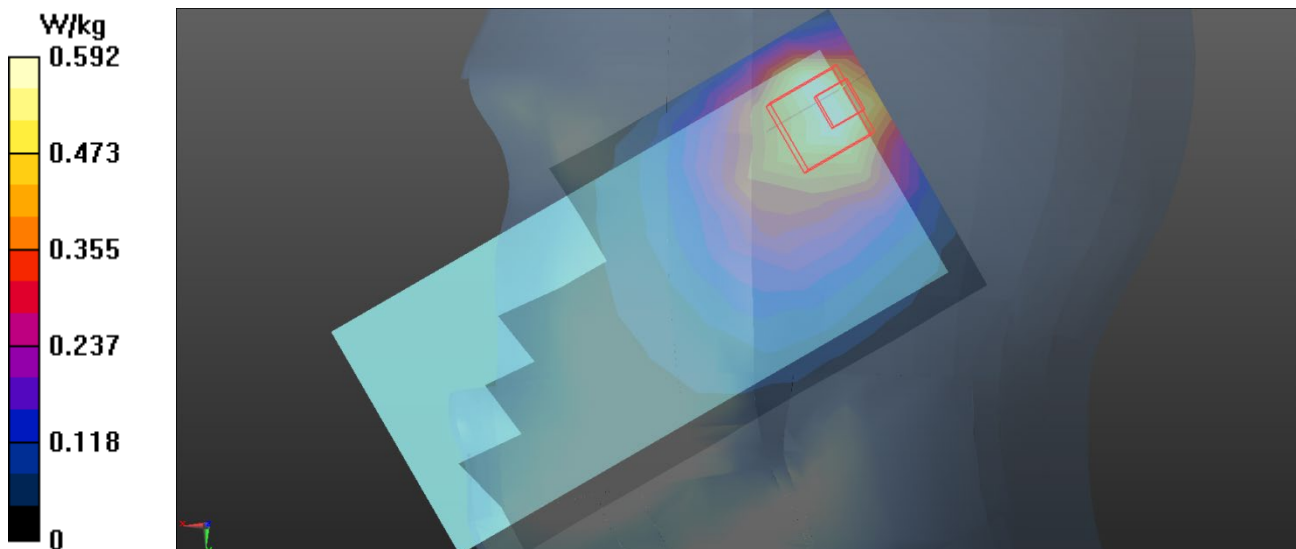
- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 709 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.592 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.55 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.518 W/kg ; SAR(10 g) = 0.304 W/kg

Maximum value of SAR (measured) = 0.880 W/kg


Test Laboratory: BTL,Inc.

Date: 2020/12/31

L145_LTE B26_QPSK15M_CH26865_1RB_Left Cheek_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD (SC-FDMA,1RB,15MHz,QPSK (0);

Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 42.442$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 831.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.196 W/kg

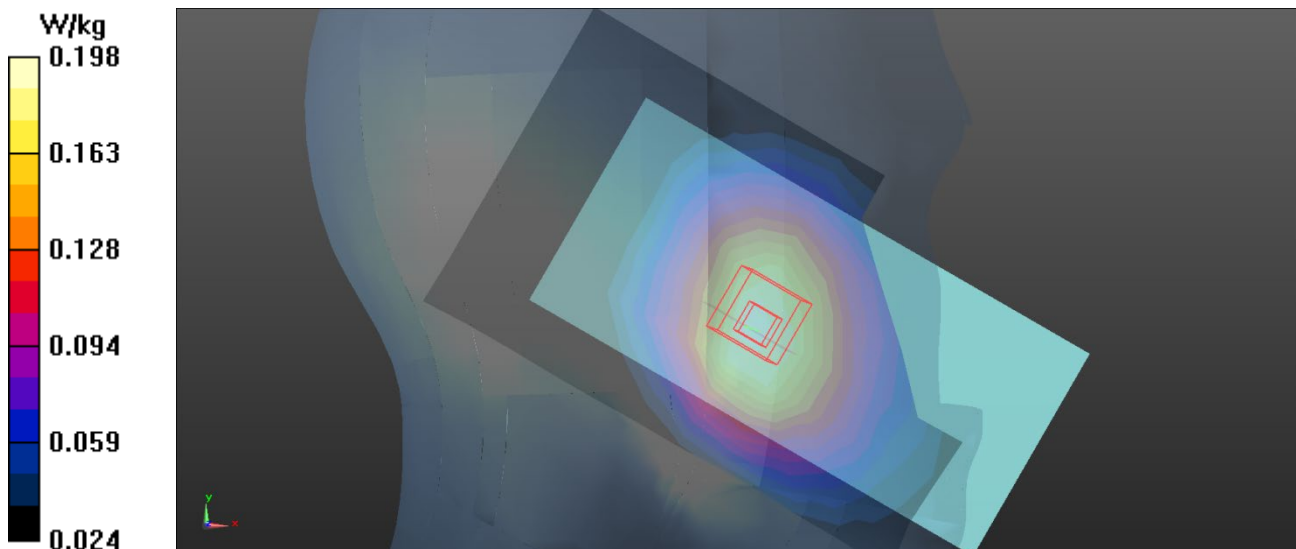
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.443 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.198 W/kg



Test Laboratory: BTL.Inc

Date: 2021/1/14

L163_LTE B26_QPSK15M_CH26965_1RB_Right Cheek_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD (SC-FDMA,1RB,15MHz,QPSK (0);

Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 841.5 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 40.799$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(5.95, 5.95, 5.95) @ 841.5 MHz; Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.17 W/kg

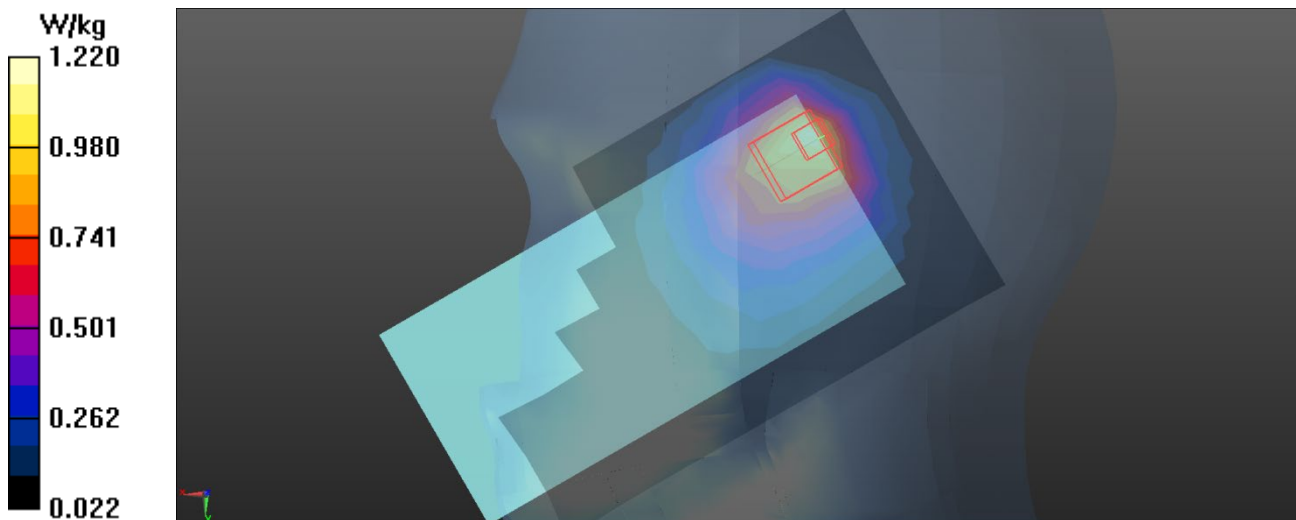
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.50 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.586 W/kg

Maximum value of SAR (measured) = 1.22 W/kg



Test Laboratory: BTL.Inc

Date: 2021/1/6

L169_LTE B38_QPSK20M_CH37850_1RB_Right Cheek_Ant Down_SIM 1_Battery 1

DUT: Mobile phone;

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2580 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2580$ MHz; $\sigma = 1.998$ S/m; $\epsilon_r = 38.679$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2580 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.387 W/kg

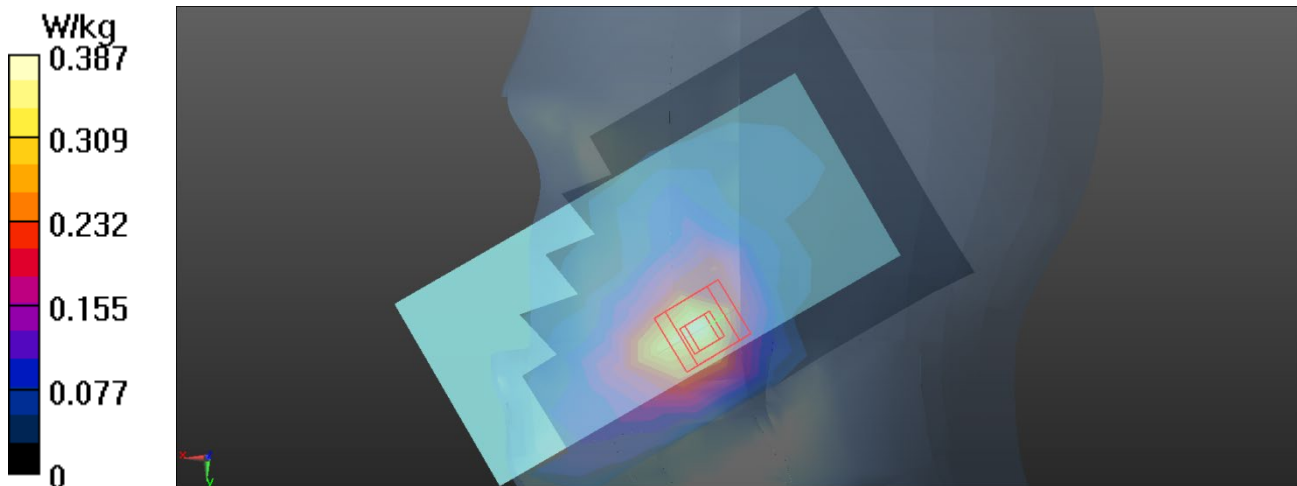
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.138 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.393 W/kg



Test Laboratory: BTL.Inc

Date: 2021/1/7

L185_LTE B38_QPSK20M_CH38000_50RB_Right Tilted_Ant Up_SIM 1_Battery 1

DUT: Mobile phone;

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK);

Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2595$ MHz; $\sigma = 2.013$ S/m; $\epsilon_r = 38.625$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2595 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.831 W/kg

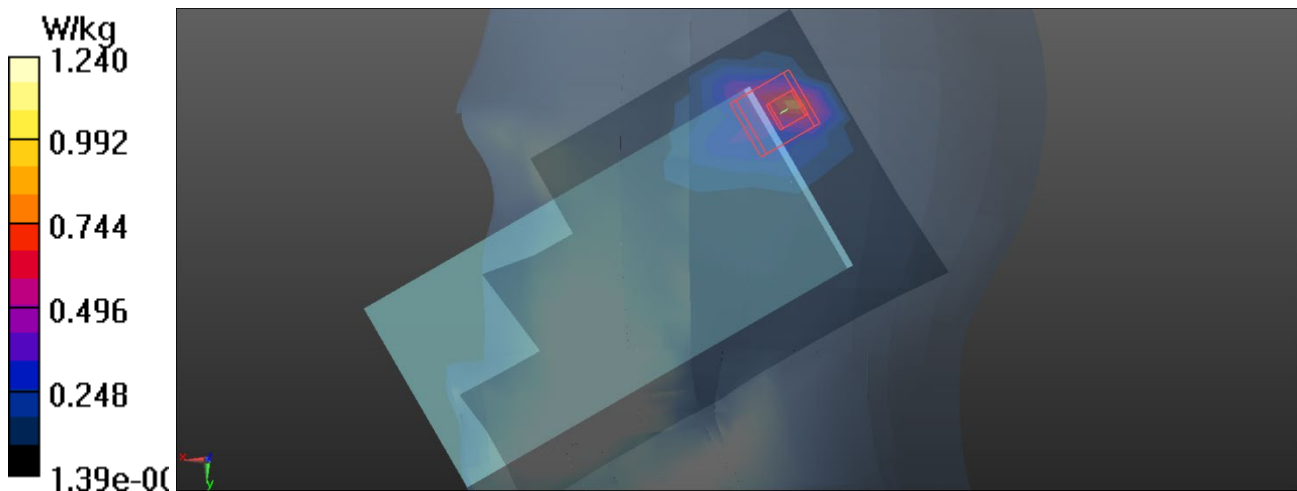
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.115 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



Test Laboratory: BTL.Inc

Date: 2021/1/6

L191_LTE B41_QPSK20M_CH40140_1RB_Right Cheek_Ant Down_SIM 1_Battery 1

DUT: Mobile phone;

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2545 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2545$ MHz; $\sigma = 1.953$ S/m; $\epsilon_r = 38.779$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2545 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.406 W/kg

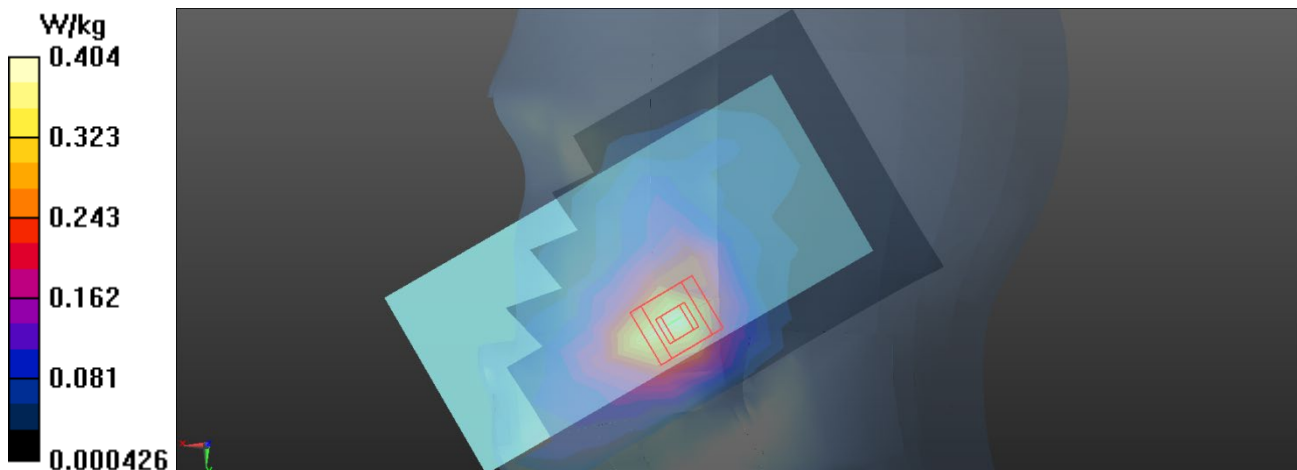
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.256 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (measured) = 0.404 W/kg



Test Laboratory: BTL.Inc

Date: 2021/1/7

L216_LTE B41_QPSK20M_CH40440_100RB_Right Tilted_Ant Up_SIM 1_Battery 1

DUT: Mobile phone;

Communication System: UID 10151 - CAB, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK);

Frequency: 2545 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2545$ MHz; $\sigma = 1.953$ S/m; $\epsilon_r = 38.779$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2575 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.38 W/kg

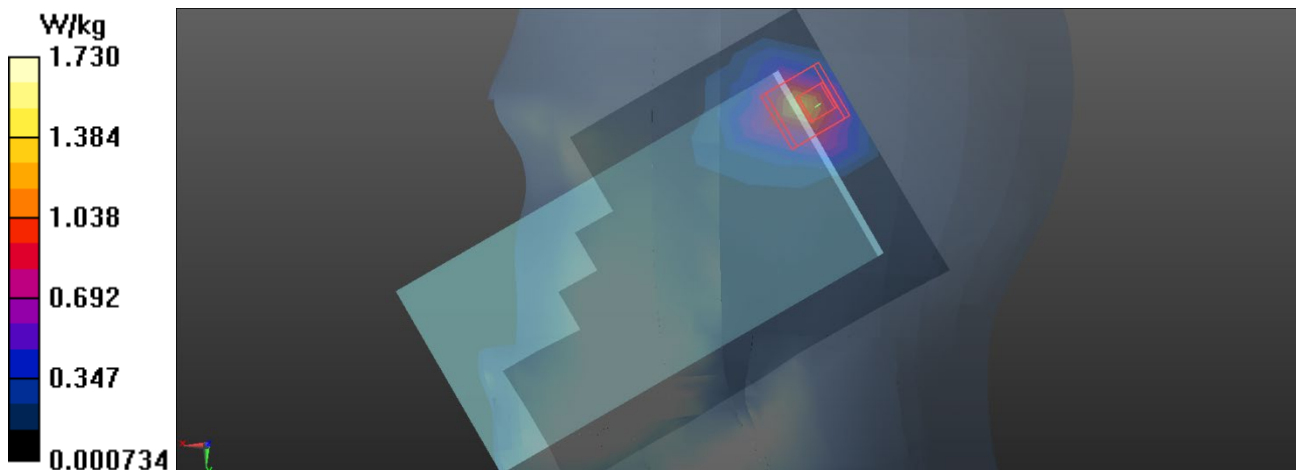
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.755 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.41 W/kg

SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.352 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/29

L220_LTE B66_QPSK20M_CH132322_1RB_Left Cheek_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 10100 - CAE, LTE-FDD (SC-FDMA, 1RB, 20 MHz, QPSK);

Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.832$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1745 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.168 W/kg

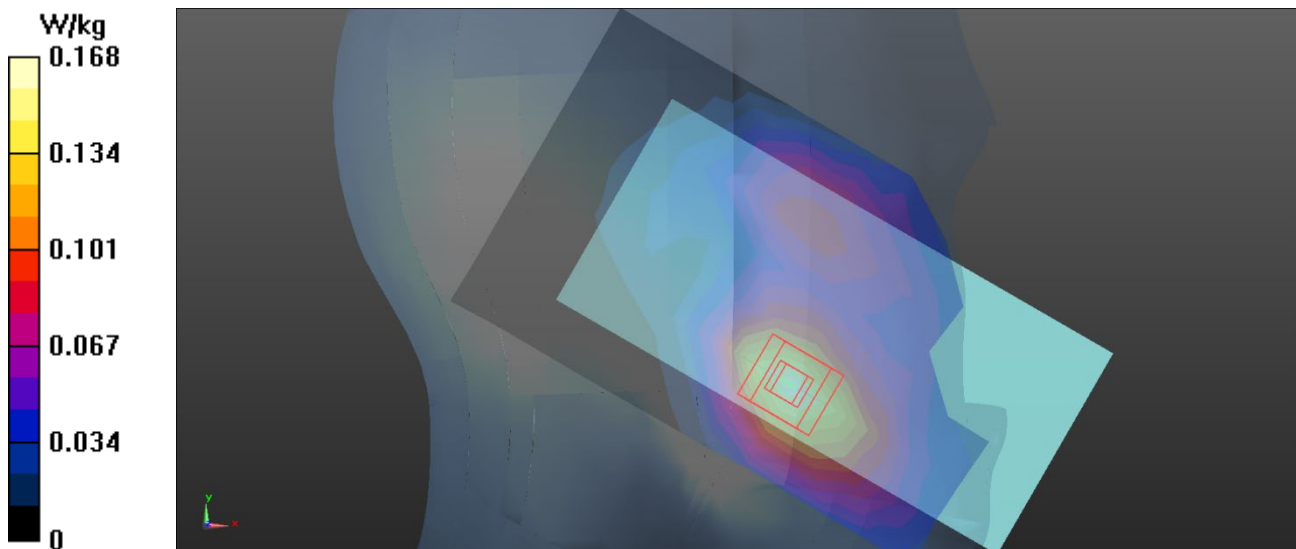
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.694 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.169 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/31

L716_LTE B66_QPSK20M_CH132322_1RB_Right Tilted_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.388 \text{ S/m}$; $\epsilon_r = 39.922$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.3 \text{ }^\circ\text{C}$; Liquid Temperature: $22.4 \text{ }^\circ\text{C}$

DASY Configuration:

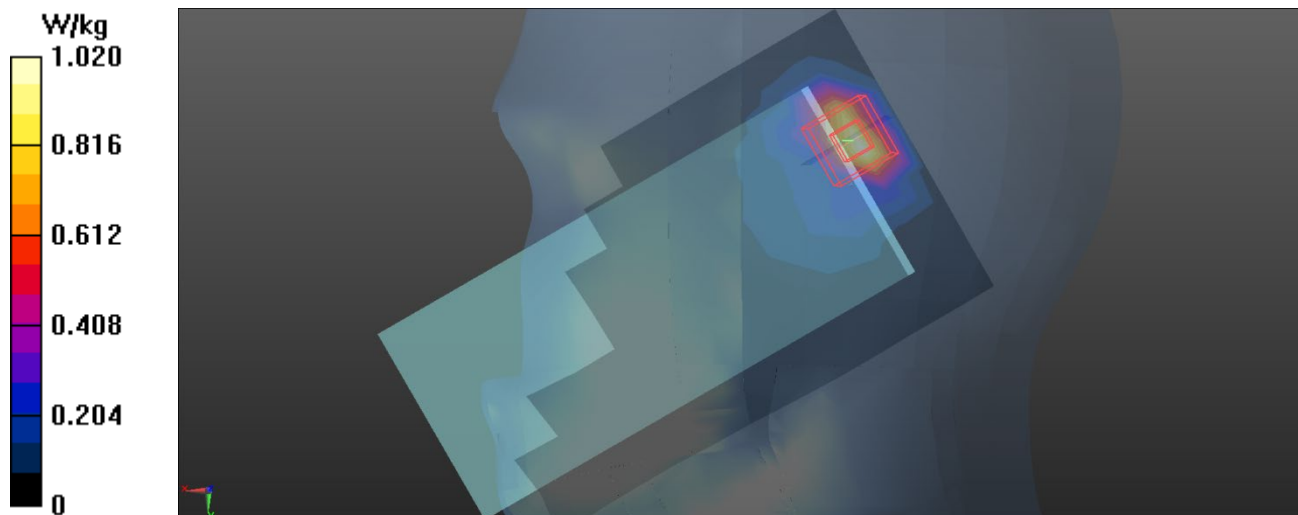
- Probe: ES3DV3 - SN3162; ConvF(5.21, 5.21, 5.21) @ 1745 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.02 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.53 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.883 W/kg ; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 1.24 W/kg


Test Laboratory: BTL Inc.

Date: 2021/8/27

W06_802.11b_CH1_Left Cheek_Battery 2

DUT: Mobile Phone;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0);

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.753$ S/m; $\epsilon_r = 39.866$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2412 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.783 W/kg

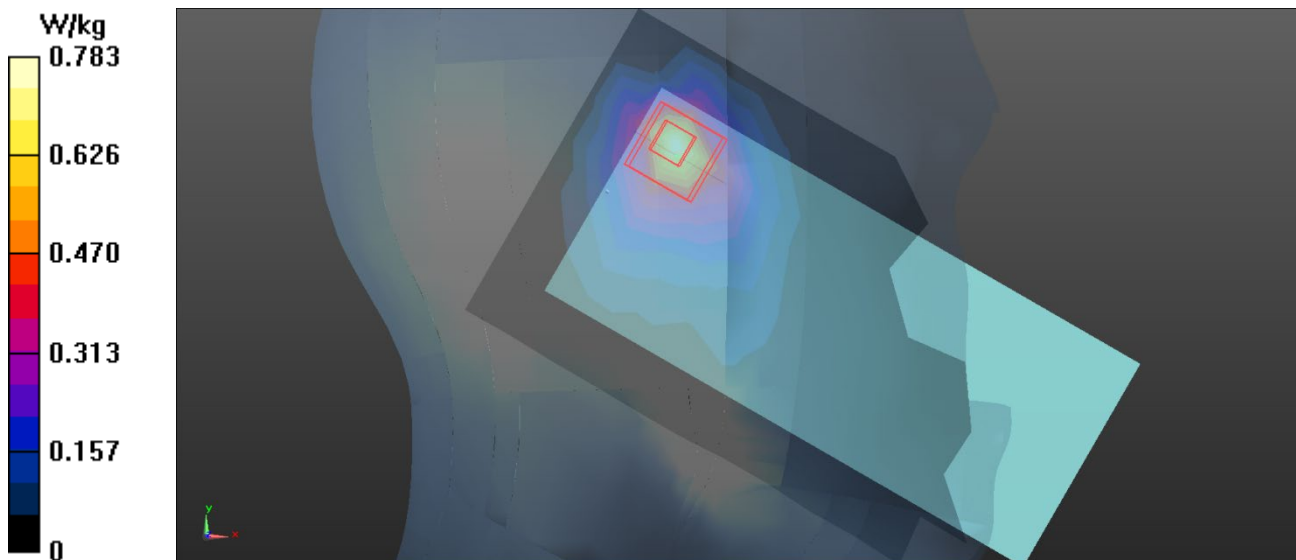
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.68 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 0.713 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/27

W11_BT DH5_CH39_Left Tilted_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, BT (0);

Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441 \text{ MHz}$; $\sigma = 1.779 \text{ S/m}$; $\epsilon_r = 39.757$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2441 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.406 W/kg

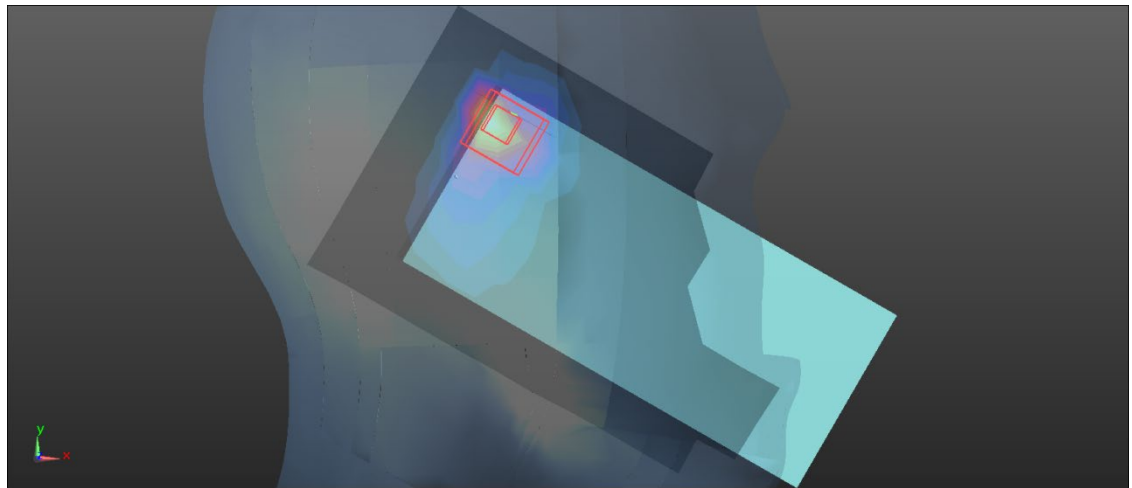
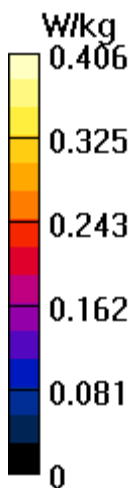
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.225 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.396 W/kg



Test Laboratory: BTL,Inc

Date: 2021/8/28

W19_802.11ac VHT20_CH56_Left Cheek_Battery 2

DUT: Mobile Phone;

Communication System: UID 10607 - AAB, IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle);

Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.867 \text{ S/m}$; $\epsilon_r = 35.586$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.55, 5.55, 5.55) @ 5280 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.50 W/kg

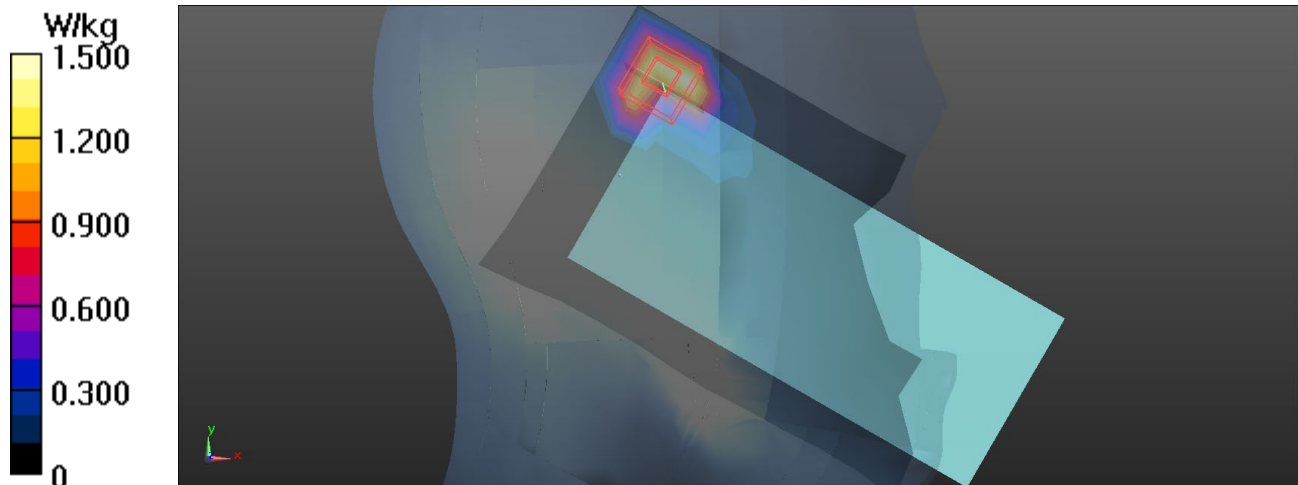
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.044 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 6.88 W/kg

SAR(1 g) = 1.14 W/kg ; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 3.47 W/kg



Test Laboratory: BTL,Inc

Date: 2021/8/28

W24_802.11a_CH136_Left Tilted_Battery 1

DUT: Mobile Phone;

Communication System: UID 10317 - AAC, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle);

Frequency: 5680 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5680 \text{ MHz}$; $\sigma = 5.307 \text{ S/m}$; $\epsilon_r = 34.609$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(4.94, 4.94, 4.94) @ 5680 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 2.07 W/kg

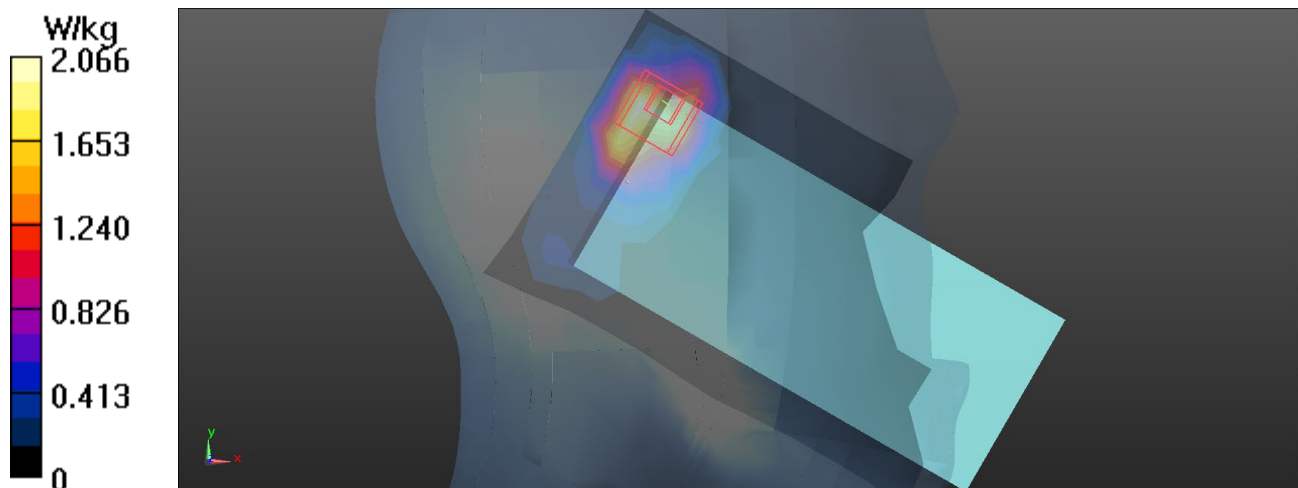
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 10.60 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 1.16 W/kg ; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (measured) = 4.42 W/kg



Test Laboratory: BTL,Inc

Date: 2021/8/28

W32_802.11a_CH153_Left Tilted_Battery 1

DUT: Mobile Phone;

Communication System: UID 10317 - AAC, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle);

Frequency: 5765 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5765 \text{ MHz}$; $\sigma = 5.454 \text{ S/m}$; $\epsilon_r = 34.405$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5765 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.56 W/kg

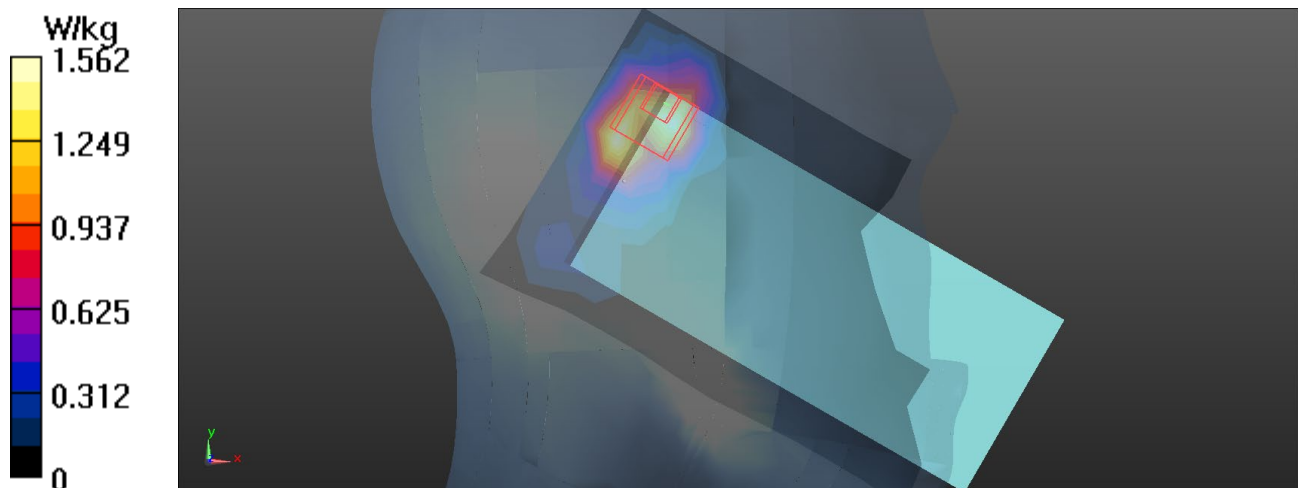
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 9.684 V/m ; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 8.45 W/kg

SAR(1 g) = 1.13 W/kg ; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 4.56 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/28

W43_802.11ac VHT20_CH56_Left Cheek_Battery 1

DUT: Mobile Phone;

Communication System: UID 10525 - AAB, IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle);

Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.867 \text{ S/m}$; $\epsilon_r = 35.586$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.1 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.55, 5.55, 5.55) @ 5280 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.06 W/kg

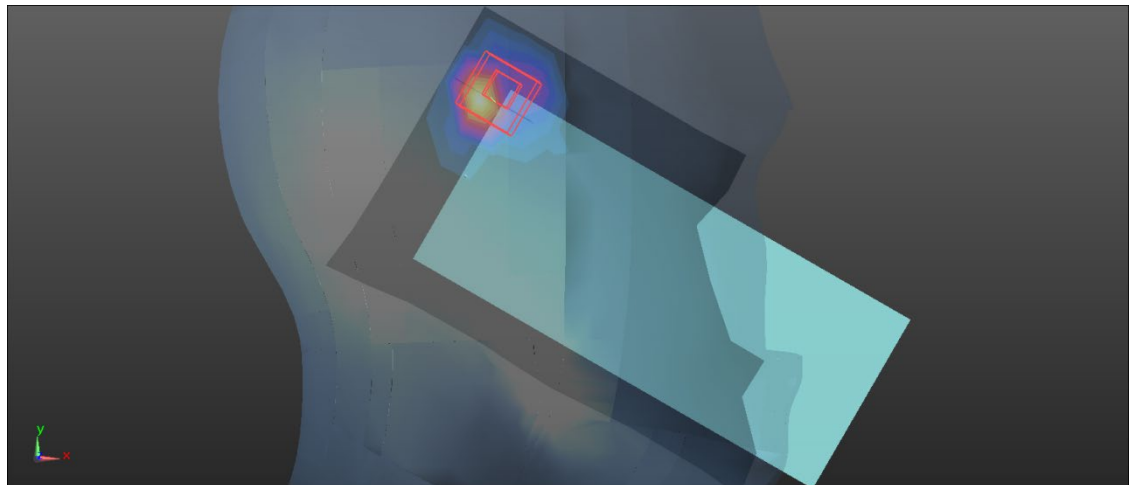
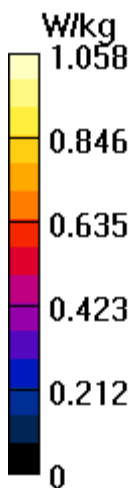
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.400 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 0.678 W/kg ; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 1.66 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/28

W50_802.11a_CH136_Left Tilted_Battery 1

DUT: Mobile Phone;

Communication System: UID 10317 - AAC, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle);

Frequency: 5680 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5680$ MHz; $\sigma = 5.307$ S/m; $\epsilon_r = 34.609$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(4.94, 4.94, 4.94) @ 5680 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.867 W/kg

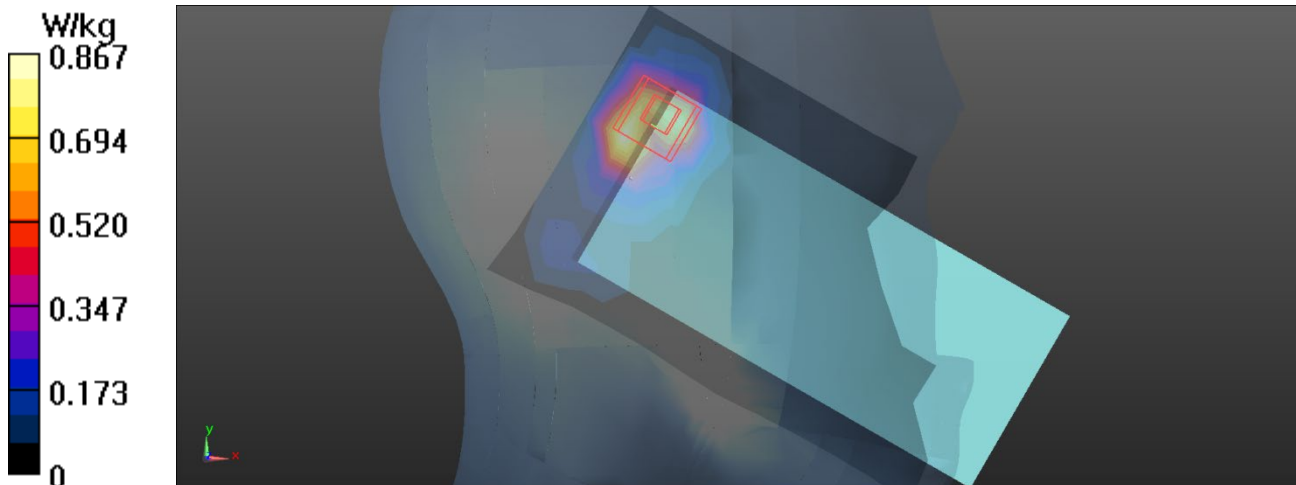
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 7.702 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.209 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/28

W56_802.11a_CH153_Left Tilted_Battery 1

DUT: Mobile Phone;

Communication System: UID 10317 - AAC, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle);

Frequency: 5765 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5765 \text{ MHz}$; $\sigma = 5.454 \text{ S/m}$; $\epsilon_r = 34.405$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5765 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.53 W/kg

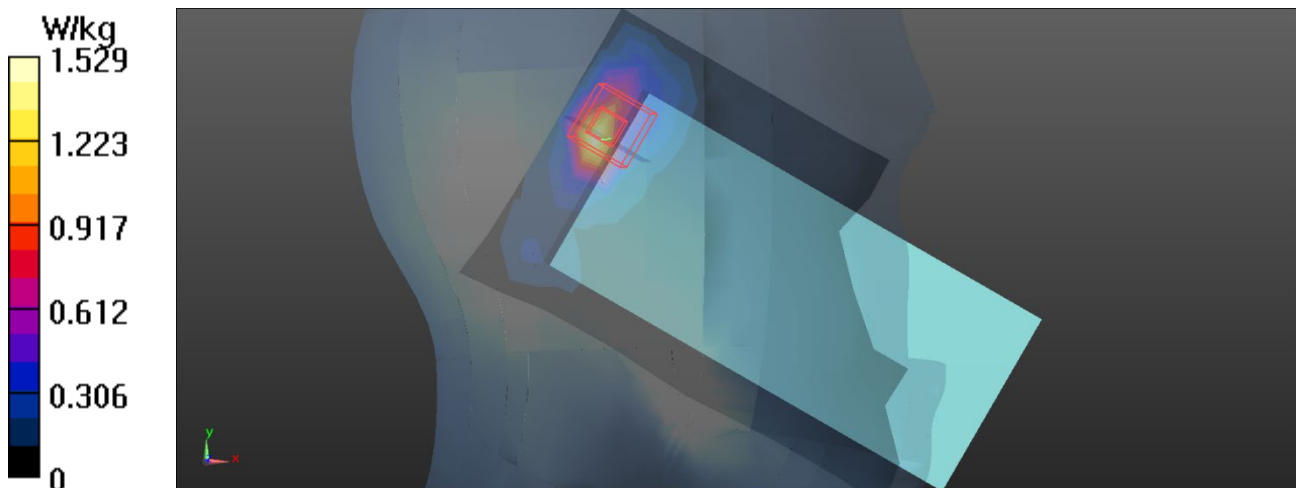
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 7.562 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 1.64 W/kg



Test Laboratory: BTL Inc.

Date: 2020/1/1

G29_GSM 850_GSM_CH190_Rear Face_1.5cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, Generic GSM (0);

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.945 \text{ S/m}$; $\epsilon_r = 40.613$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.4 \text{ }^\circ\text{C}$

DASY Configuration:

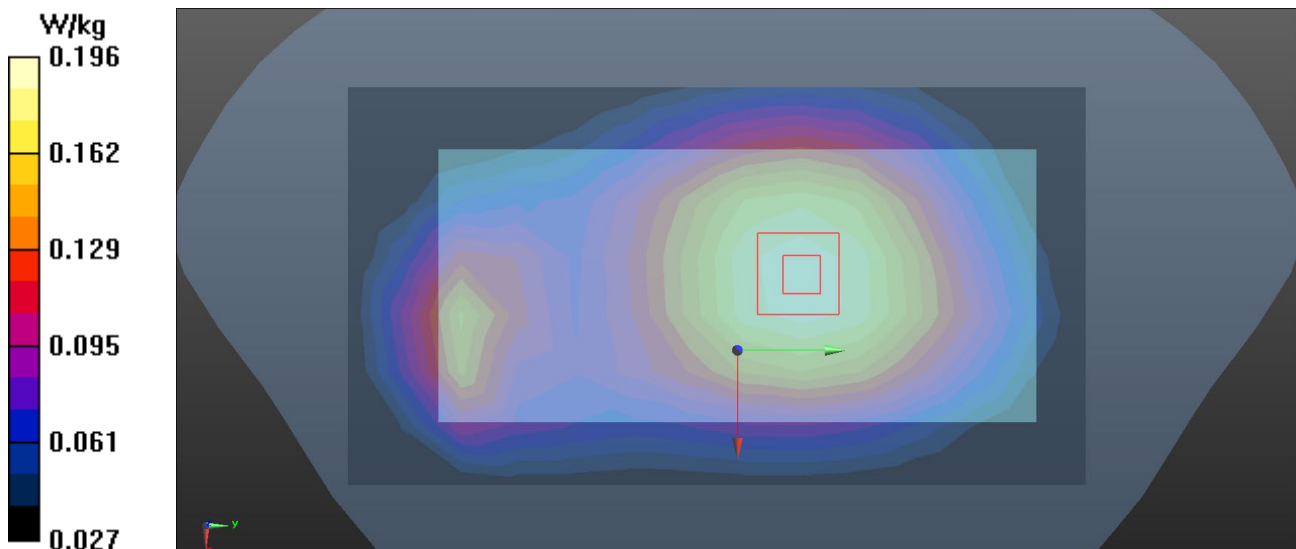
- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 836.6 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.193 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.94 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.162 W/kg ; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.196 W/kg


Test Laboratory: BTL Inc.

Date: 2020/1/1

G42_GSM 850_GSM_CH190_Rear Face_1.5cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, Generic GSM (0);

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.945 \text{ S/m}$; $\epsilon_r = 40.613$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.4 \text{ }^\circ\text{C}$

DASY Configuration:

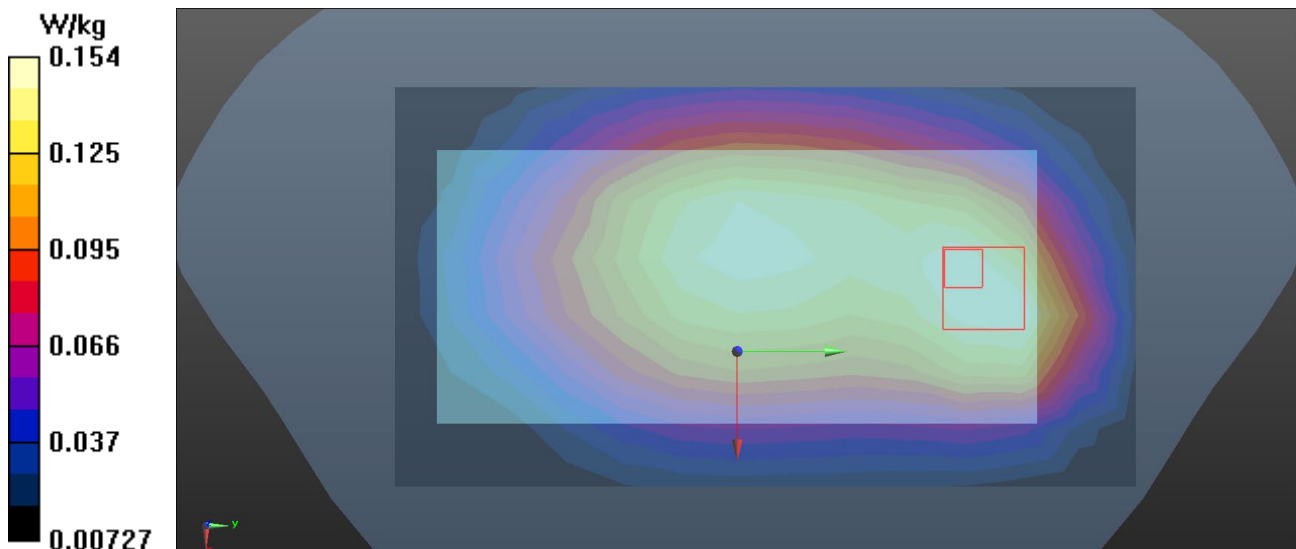
- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 836.6 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.156 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.68 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.117 W/kg ; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.154 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/8

G54_GSM 1900_GSM_CH661_Rear Face_1.5cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, GPRS 4TX (0);

Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 39.963$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.22, 8.22, 8.22) @ 1880 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.217 W/kg

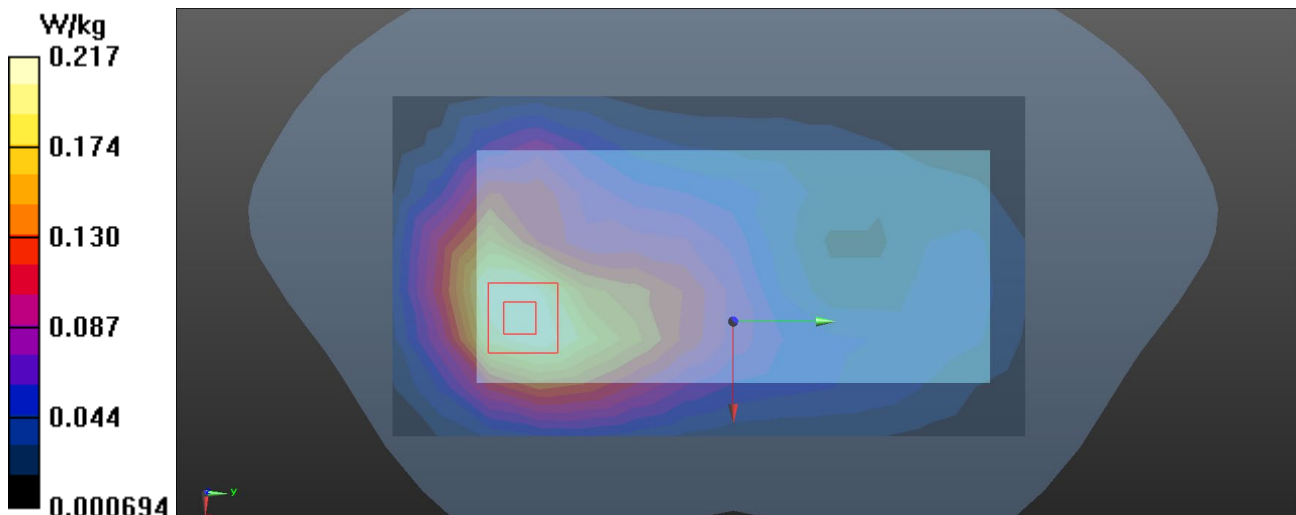
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.563 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.113 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/1/8

G67_GSM 1900_GSM_CH661_Rear Face_1.5cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, Generic GSM (0);

Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.314 \text{ S/m}$; $\epsilon_r = 39.963$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

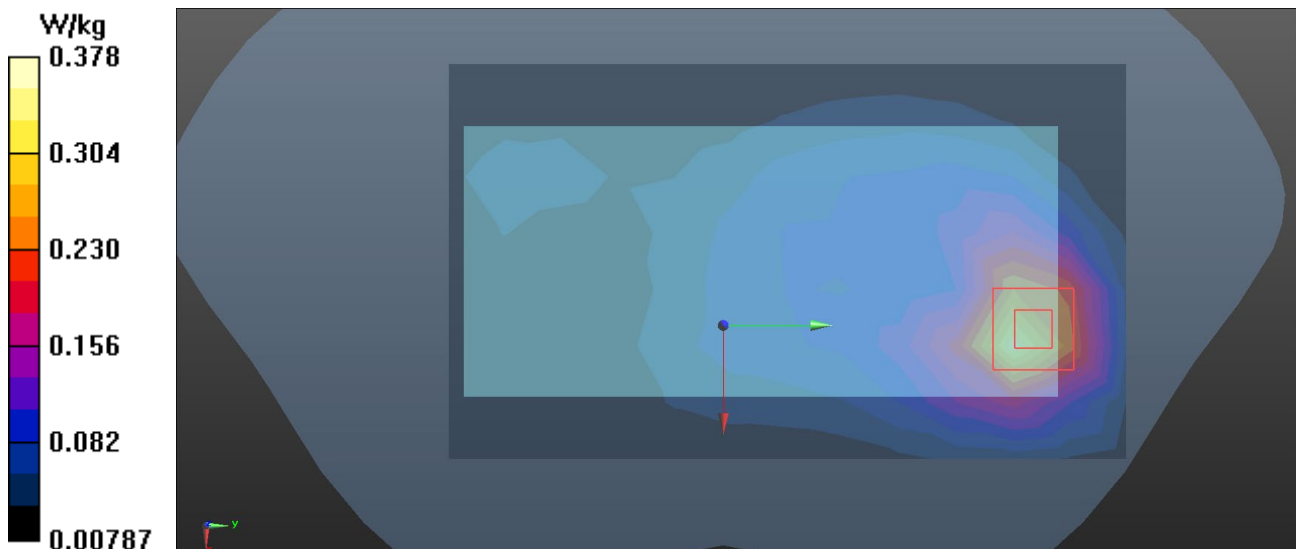
- Probe: EX3DV4 - SN7544; ConvF(8.22, 8.22, 8.22) @ 1880 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.343 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.018 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.262 W/kg ; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.378 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/8

U46_UMTS B2_RMC12.2K_CH9400_Rear Face_1.5cm_Ant Down_SIM 2_Battery 2

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 39.963$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.22, 8.22, 8.22) @ 1880 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.478 W/kg

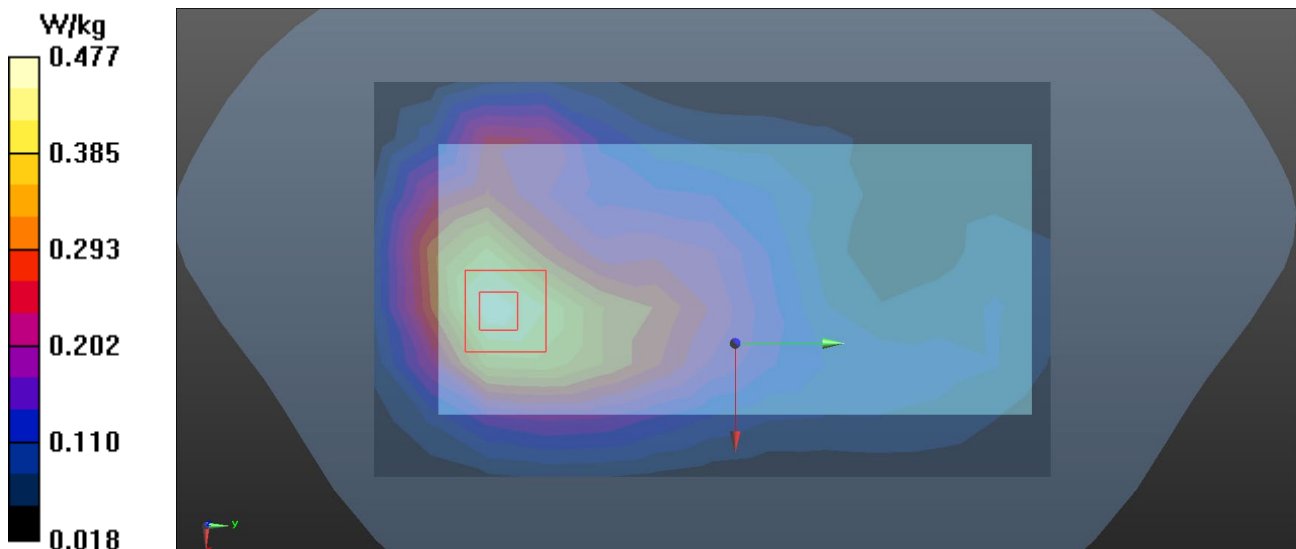
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.58 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.535 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 0.477 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/8

U57_UMTS B2_RMC12.2K_CH9400_Rear Face_1.5cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.314 \text{ S/m}$; $\epsilon_r = 39.963$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

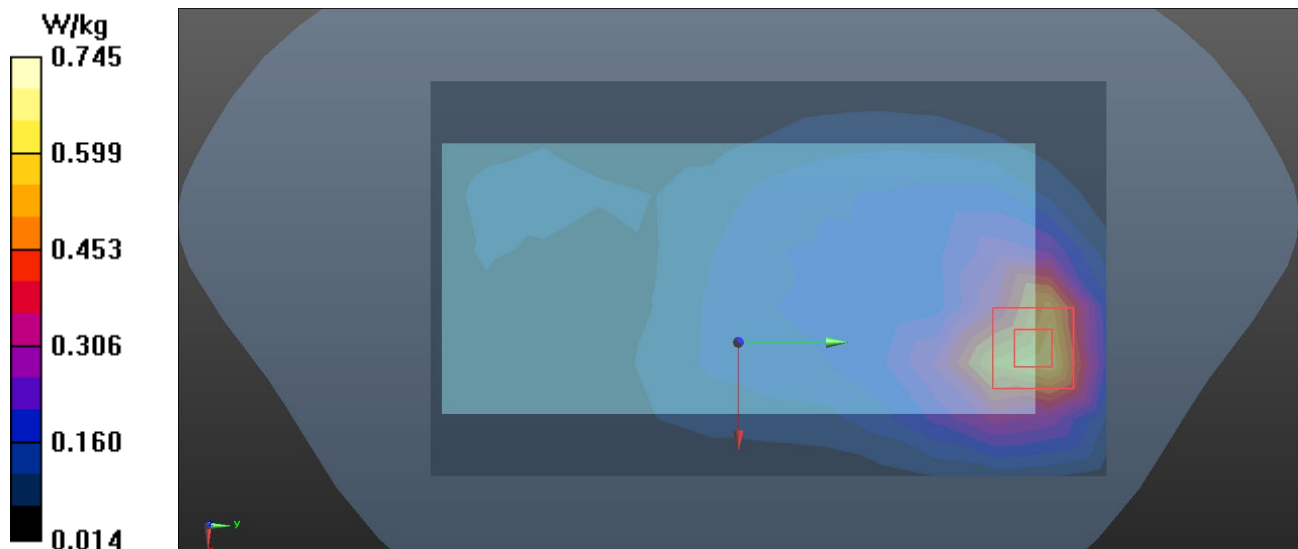
- Probe: EX3DV4 - SN7544; ConvF(8.22, 8.22, 8.22) @ 1880 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.656 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.73 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.859 W/kg
SAR(1 g) = 0.514 W/kg ; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 0.745 W/kg


Test Laboratory: BTL Inc.

Date: 2020/12/29

U69_UMTS B4_RMC12.2K_CH1413_Rear Face_1.5cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

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

Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 39.902$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1732.6 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.537 W/kg

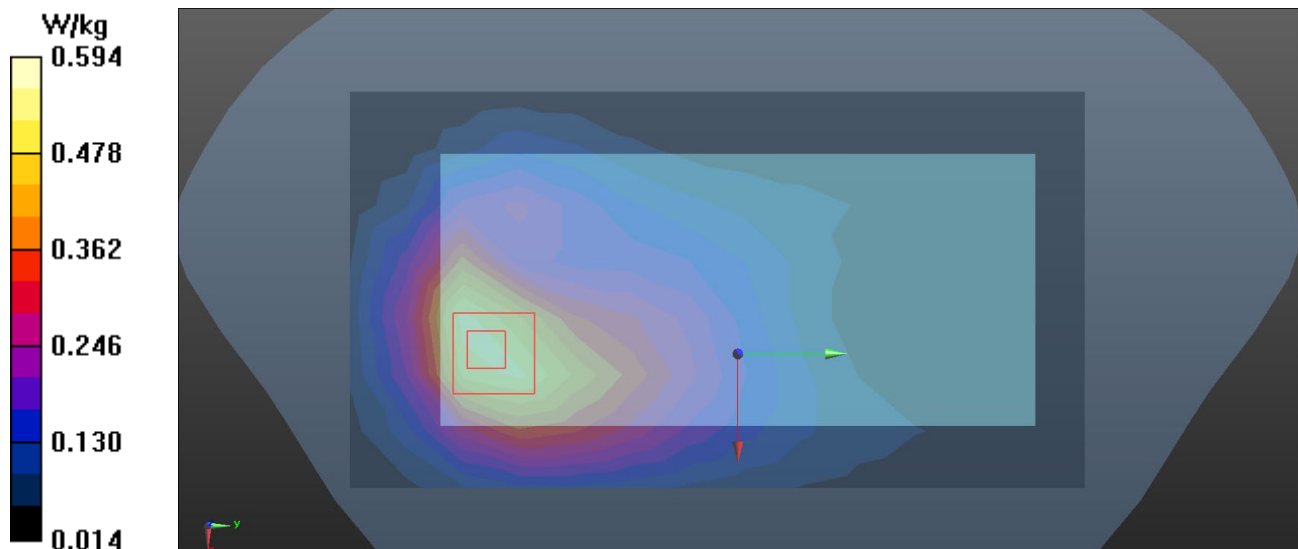
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.66 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.594 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/29

U82_UMTS B4_RMC12.2K_CH1312_Rear Face_1.5cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

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

Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.352$ S/m; $\epsilon_r = 40.042$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1712.4 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.550 W/kg

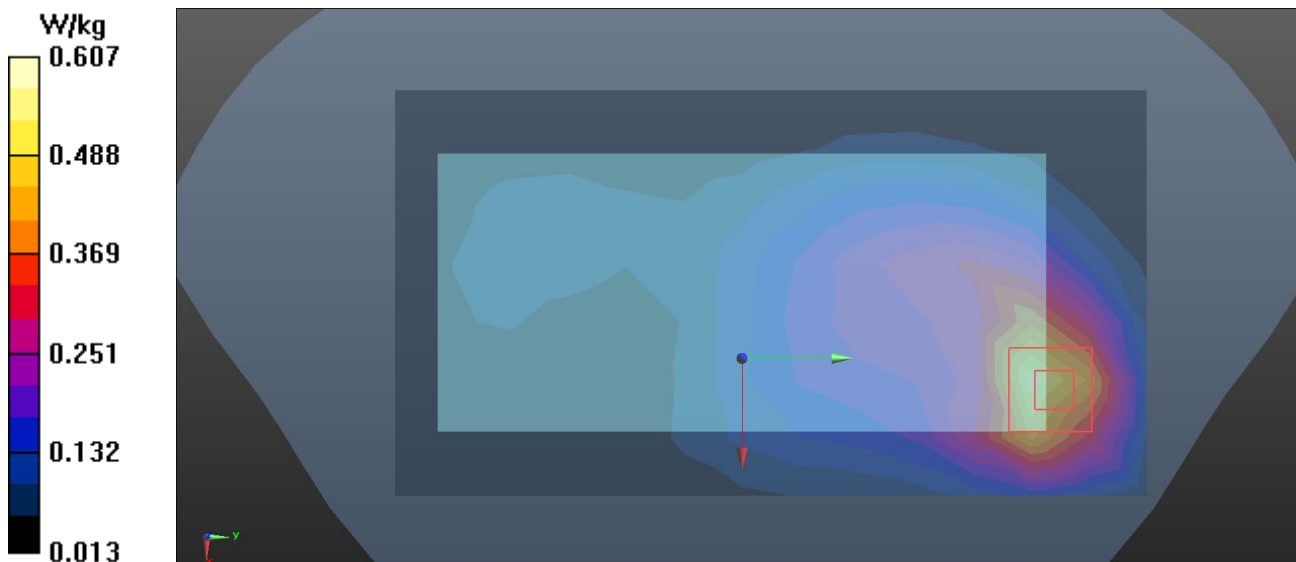
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.341 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 0.607 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/1

U96_UMTS B5_RMC12.2K_CH4182_Rear Face_1.5cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, WCDMA (0);

Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.945$ S/m; $\epsilon_r = 40.613$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 826.4 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.209 W/kg

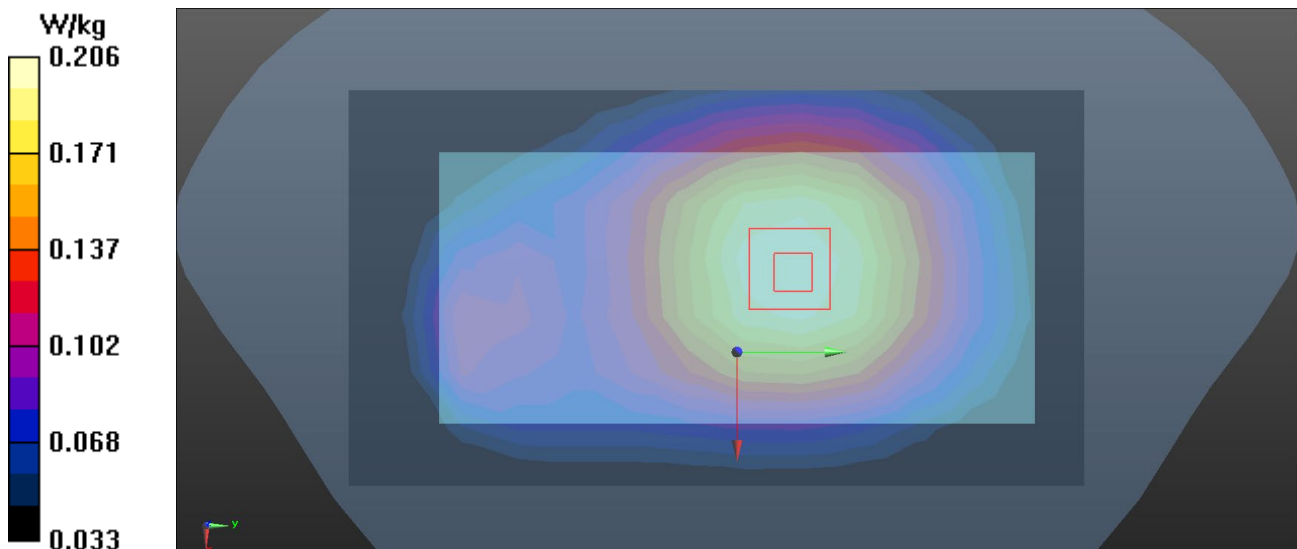
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.60 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.206 W/kg



Test Laboratory: BTL Inc.

Date: 2020/1/1

U110_UMTS B5_RMC12.2K_CH4182_Rear Face_1.5cm Ant Up_SIM 2_Battery 1

DUT: Mobile Phone;

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

Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.945$ S/m; $\epsilon_r = 40.613$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 836.4 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.159 W/kg

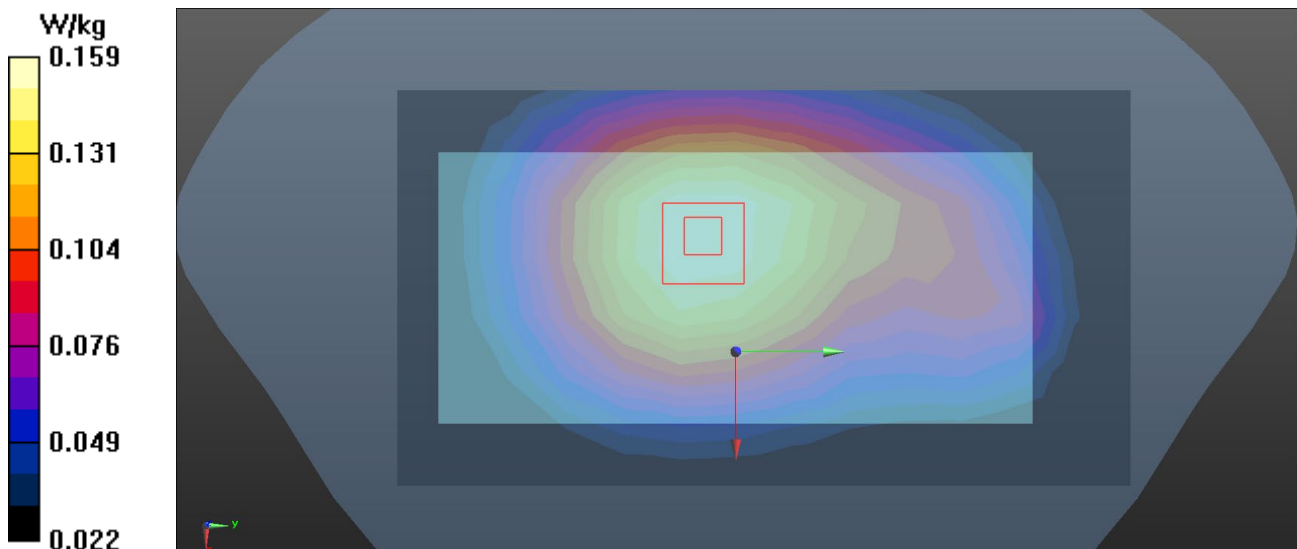
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.83 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.159 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/18

L240_LTE B2_QPSK20M_CH18900_1RB_Rear Face_1.5cm_Ant_Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 39.963$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.97, 4.97, 4.97) @ 1880 MHz; Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.306 W/kg

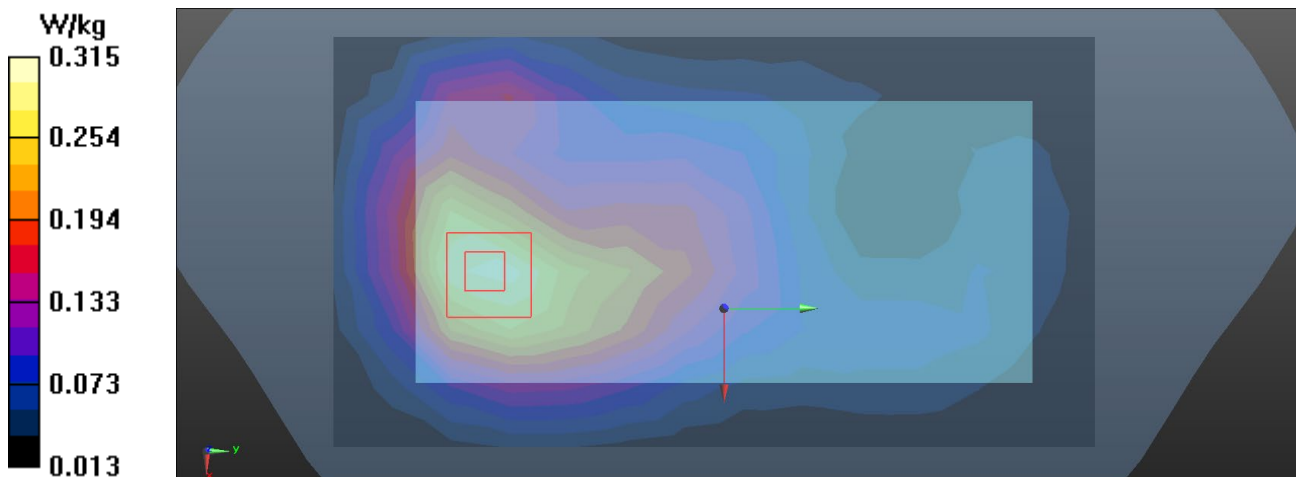
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.95 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.315 W/kg



Test Laboratory: BTL Inc.

Date: 2020/1/10

L266_LTE B2_QPSK20M_CH18900_50RB_Rear Face_1.5cm_Ant Up_SIM 1_Battery 1

DUT: Mobile phone;

Communication System: UID 10297 - AAA, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 39.168$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.243 W/kg

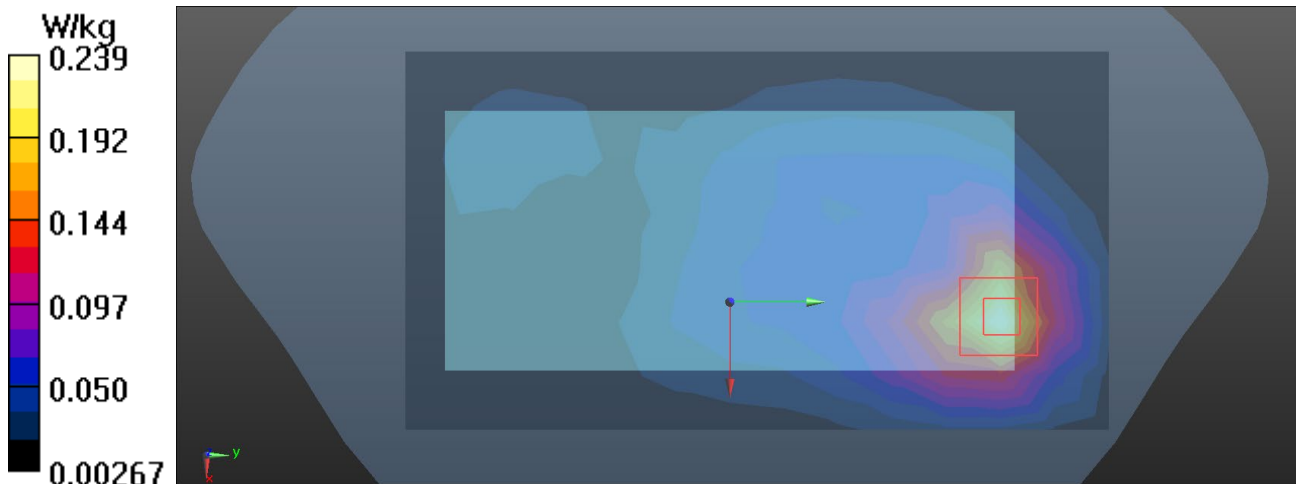
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.392 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.239 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/29

L285_LTE B4_QPSK20M_CH20175_1RB_Rear Face_1.5cm_Ant Down_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 39.902$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1732.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.427 W/kg

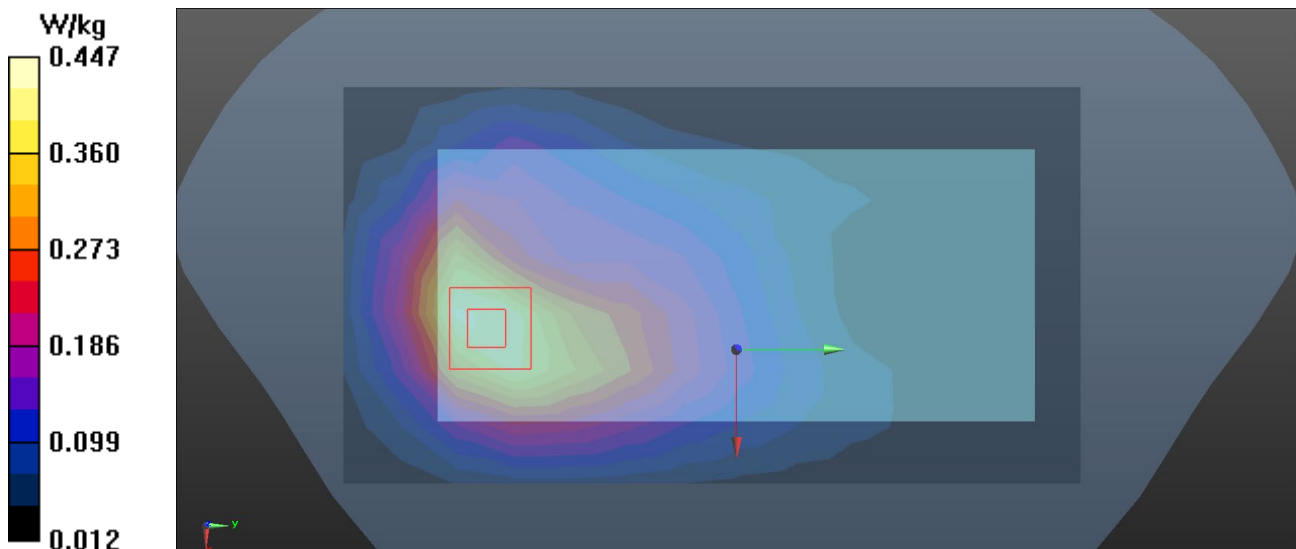
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.732 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.509 W/kg

SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.447 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/4

L308_LTE B4_QPSK20M_CH20050_1RB_Rear Face_1.5cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.357 \text{ S/m}$; $\epsilon_r = 39.99$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

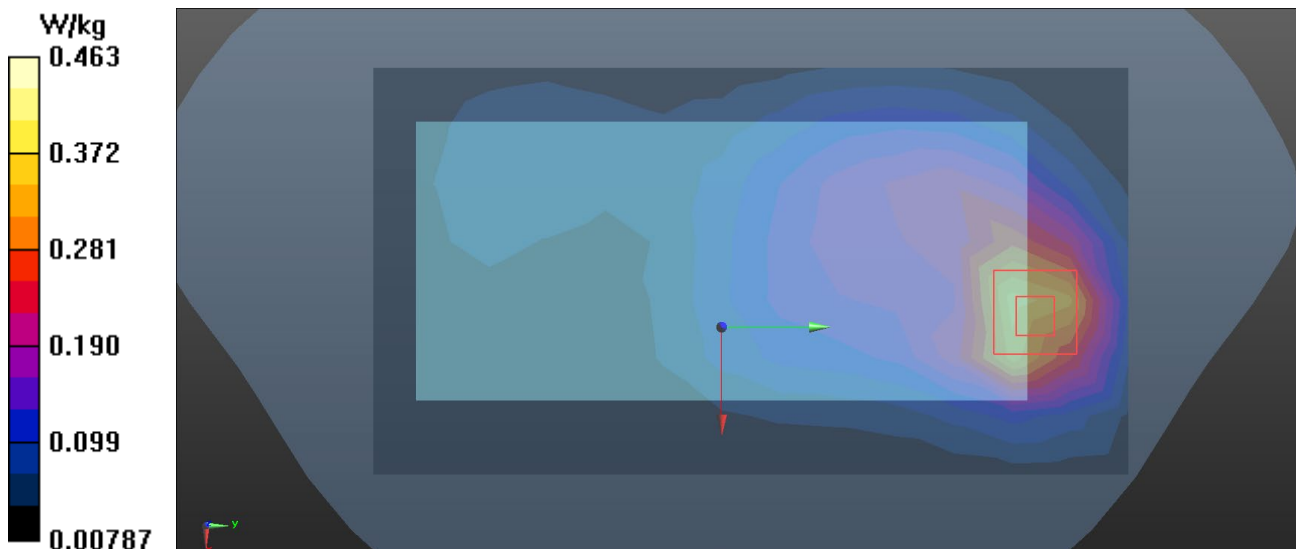
- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1720 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.389 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.570 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.544 W/kg
SAR(1 g) = 0.319 W/kg ; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.463 W/kg


Test Laboratory: BTL Inc.

Date: 2020/12/30

L332_LTE B5_QPSK10M_CH20450_1RB_Rear Face_1.5cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0);

Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 40.698$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

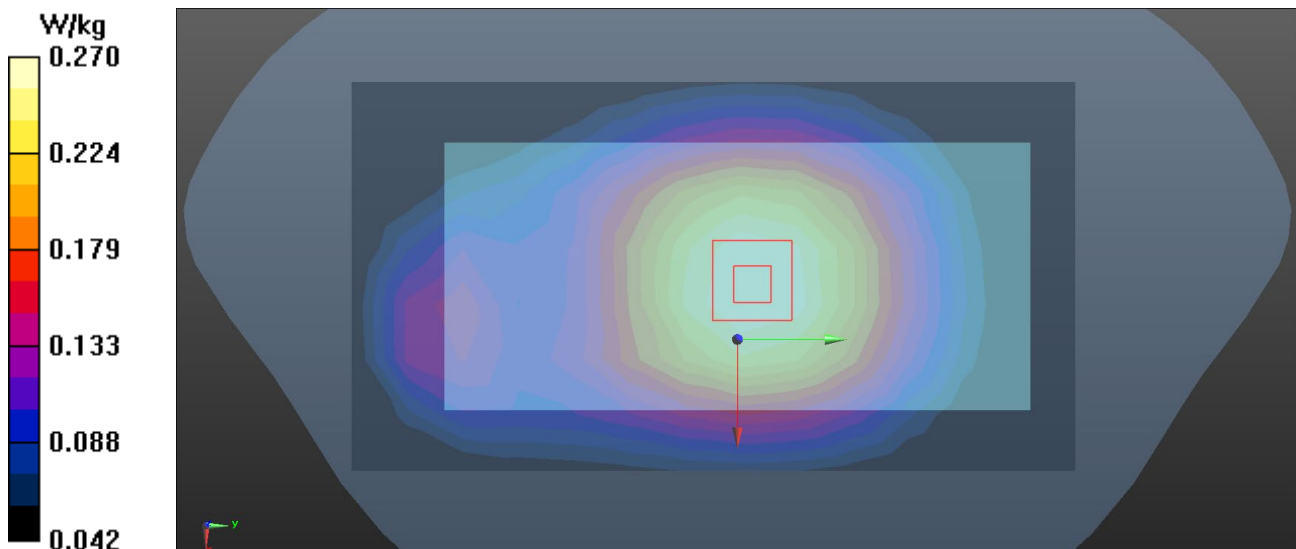
- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 829 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.274 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.77 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.292 W/kg
SAR(1 g) = 0.225 W/kg ; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.270 W/kg


Test Laboratory: BTL Inc.

Date: 2020/12/30

L355_LTE B5_QPSK10M_CH20450_1RB_Rear Face_1.5cm_Ant Up_SIM 2_Battery 1

DUT: Mobile Phone;

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): $f = 829 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 40.698$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

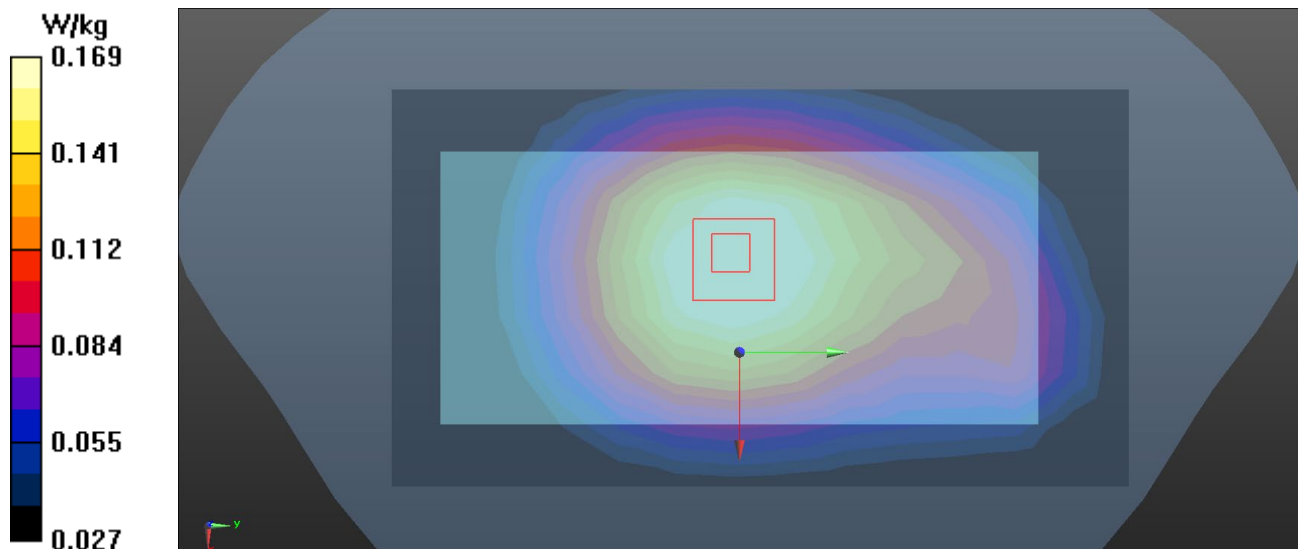
- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 829 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.179 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.17 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.184 W/kg
SAR(1 g) = 0.140 W/kg ; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.169 W/kg


Test Laboratory: BTL.Inc

Date: 2021/1/6

L373_LTE B7_QPSK20M_CH21100_1RB_Front Face_1.5cm_Ant Down_SIM 2_Battery 1

DUT: Mobile phone;

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

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.965 \text{ S/m}$; $\epsilon_r = 37.948$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2535 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.370 W/kg

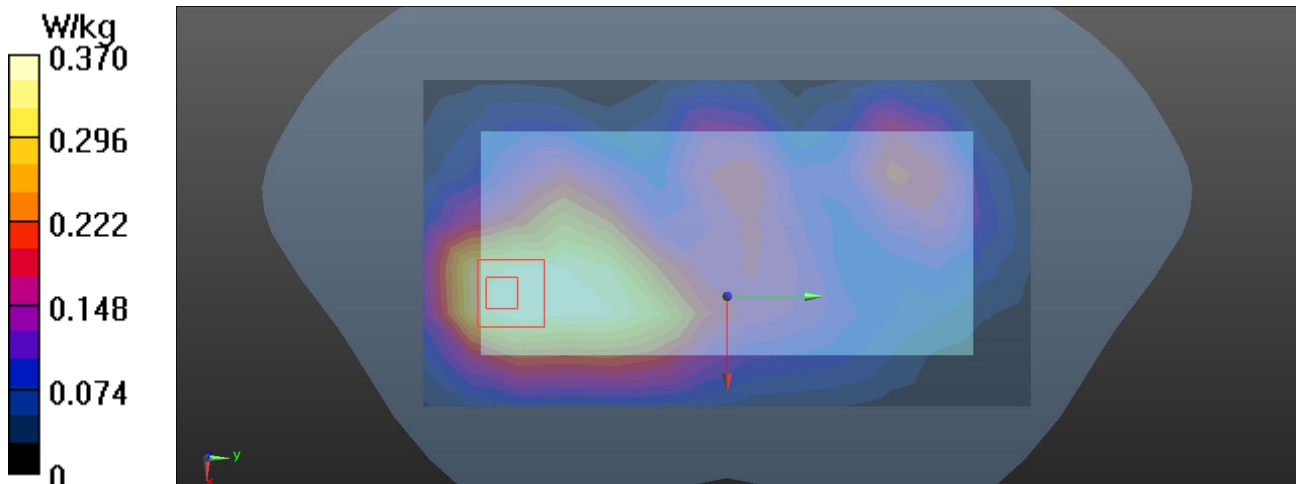
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.487 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.396 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/7

L393_LTE B7_QPSK20M_CH20850_1RB_Rear Face_1.5cm_Ant Up_SIM 2_Battery 1

DUT: Mobile phone;

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

Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.908$ S/m; $\epsilon_r = 38.922$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2510 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.749 W/kg

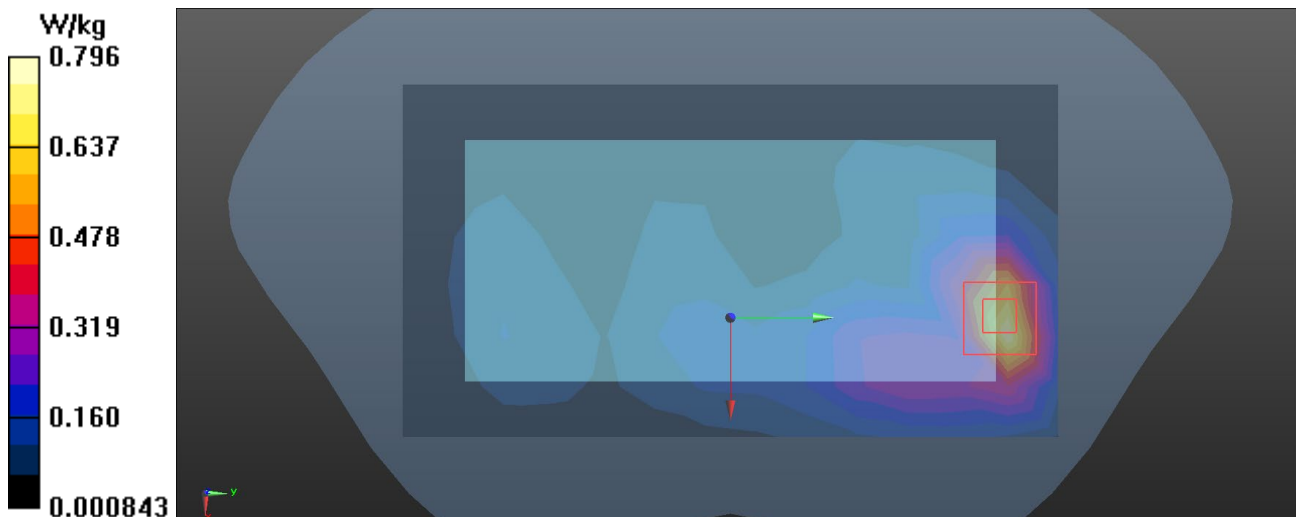
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.691 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.796 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/2

L412_LTE B12_QPSK10M_CH23095_1RB_Rear Face_1.5cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0);

Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.854$ S/m; $\epsilon_r = 43.305$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 707.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.130 W/kg

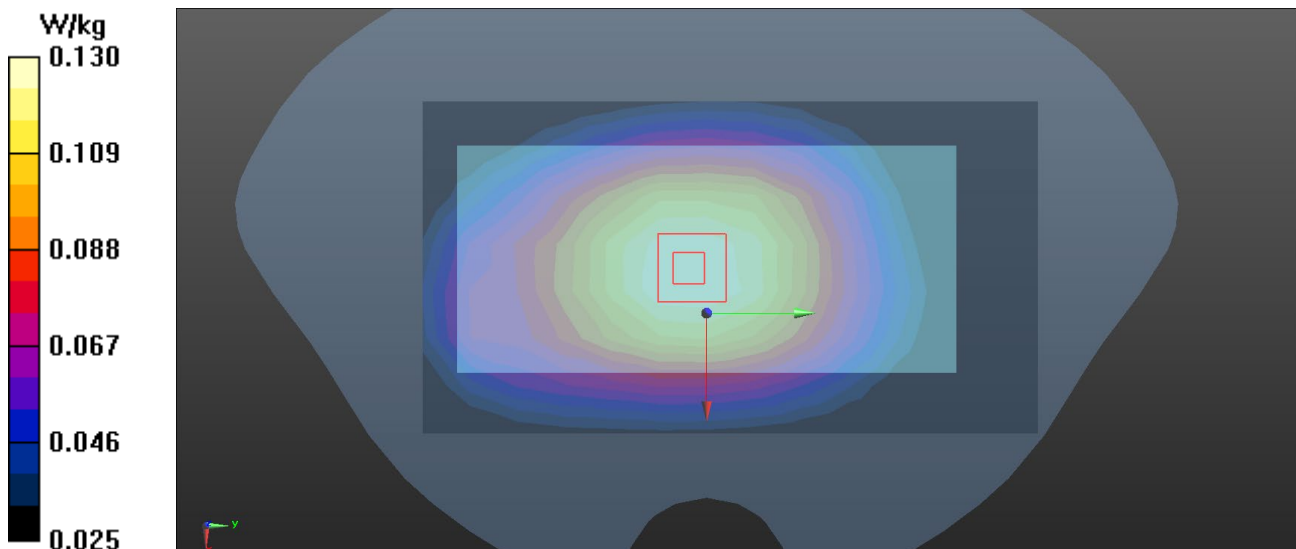
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.87 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.130 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/3

L432_LTE B12_QPSK10M_CH23130_1RB_Rear Face_1.5cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0);

Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 711 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.193$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

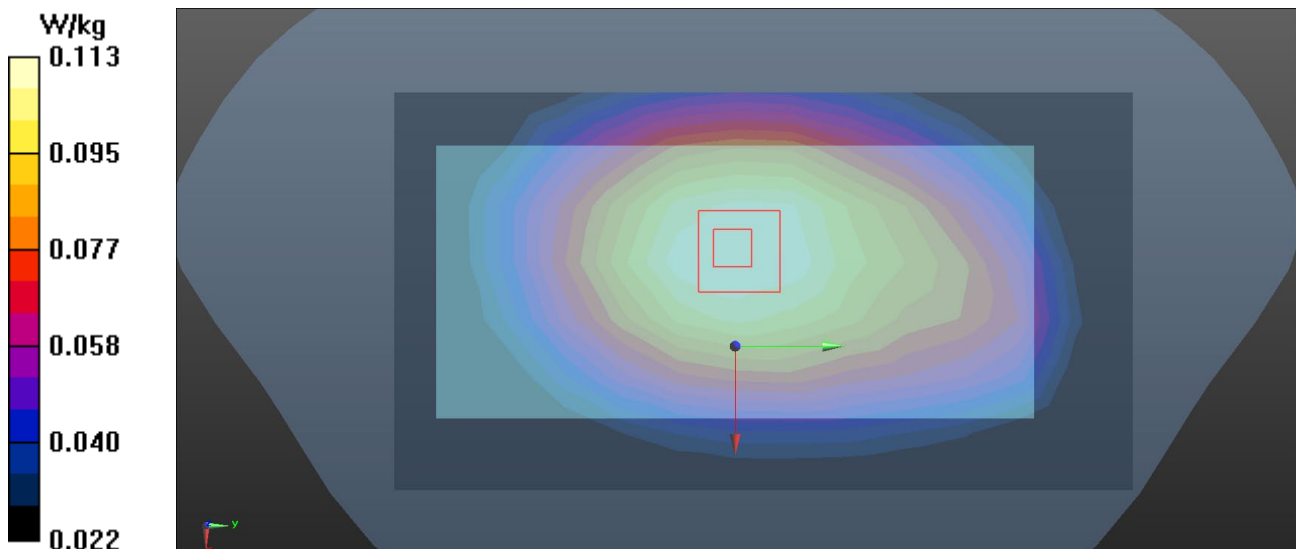
- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 711 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.115 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.76 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.095 W/kg ; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.113 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/3

L450_LTE B17_QPSK10M_CH23800_1RB_Rear Face_1.5cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

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

Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 711 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.193$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

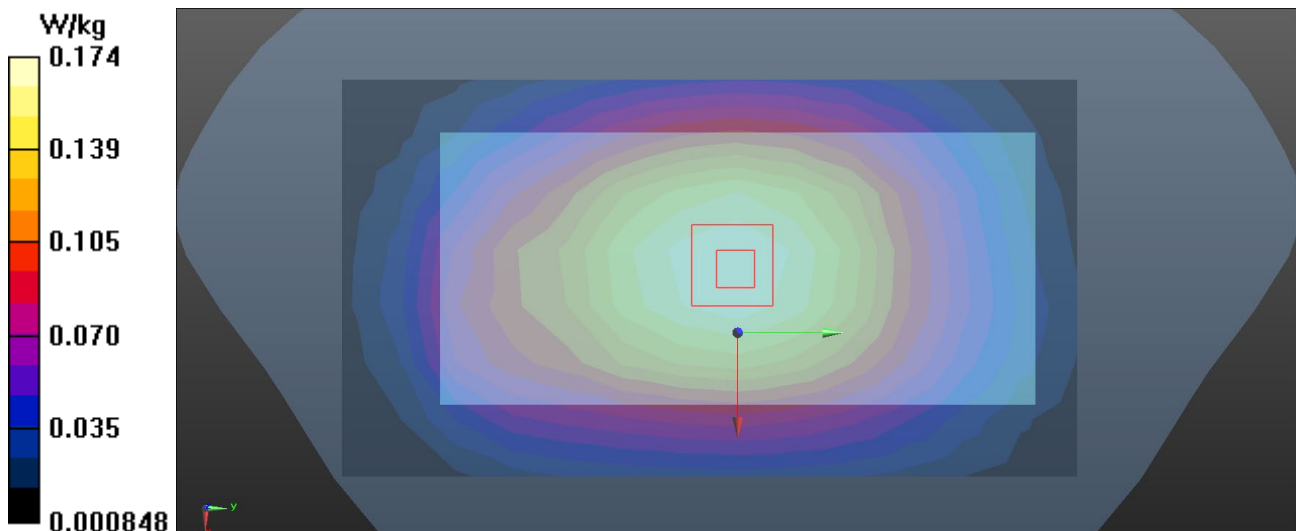
- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 711 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.174 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.76 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.147 W/kg ; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.174 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/3

L470_LTE B17_QPSK10M_CH23790_1RB_Rear Face_1.5cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0);

Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

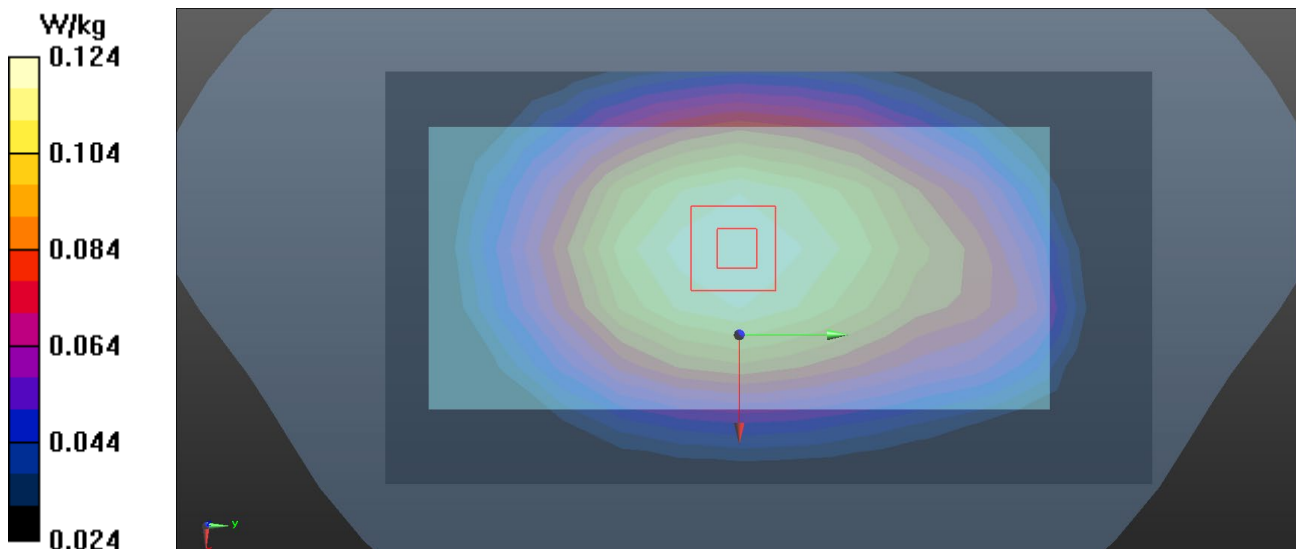
- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 710 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.127 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.61 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.104 W/kg ; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.124 W/kg


Test Laboratory: BTL Inc.

Date: 2020/12/30

L488_LTE B26_QPSK15M_CH26865_1RB_Rear Face_1.5cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 15 MHz,QPSK (0);

Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 40.676$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 831.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.228 W/kg

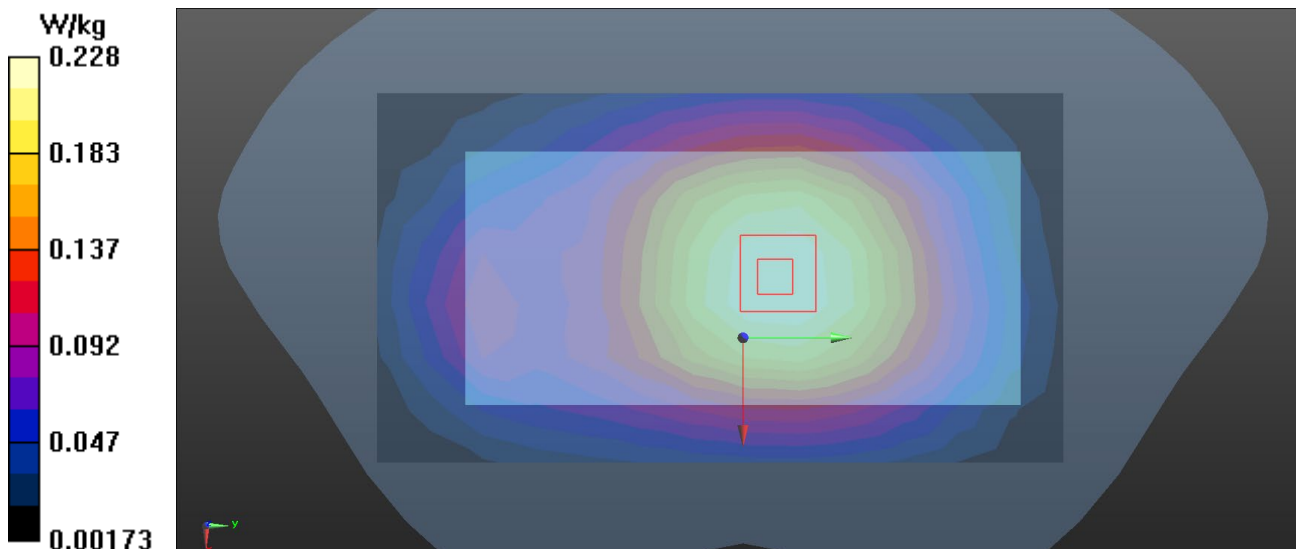
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.13 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.229 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/30

L508_LTE B26_QPSK15M_CH26865_1RB_Rear Face_1.5cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 15 MHz,QPSK (0);

Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 40.676$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 831.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.138 W/kg

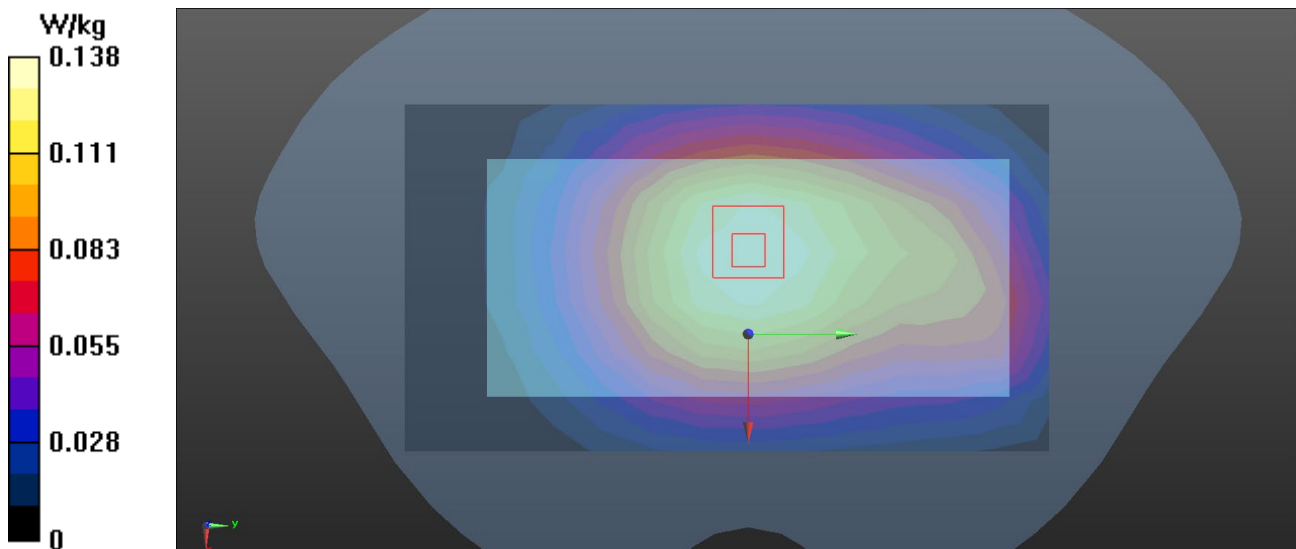
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.18 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.138 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/5

L529_LTE B38_QPSK20M_CH37850_1RB_Front Face_1.5cm_Ant Down_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, Generic LTE (0);

Frequency: 2580 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2580 \text{ MHz}$; $\sigma = 1.989 \text{ S/m}$; $\epsilon_r = 37.887$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.1 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY Configuration:

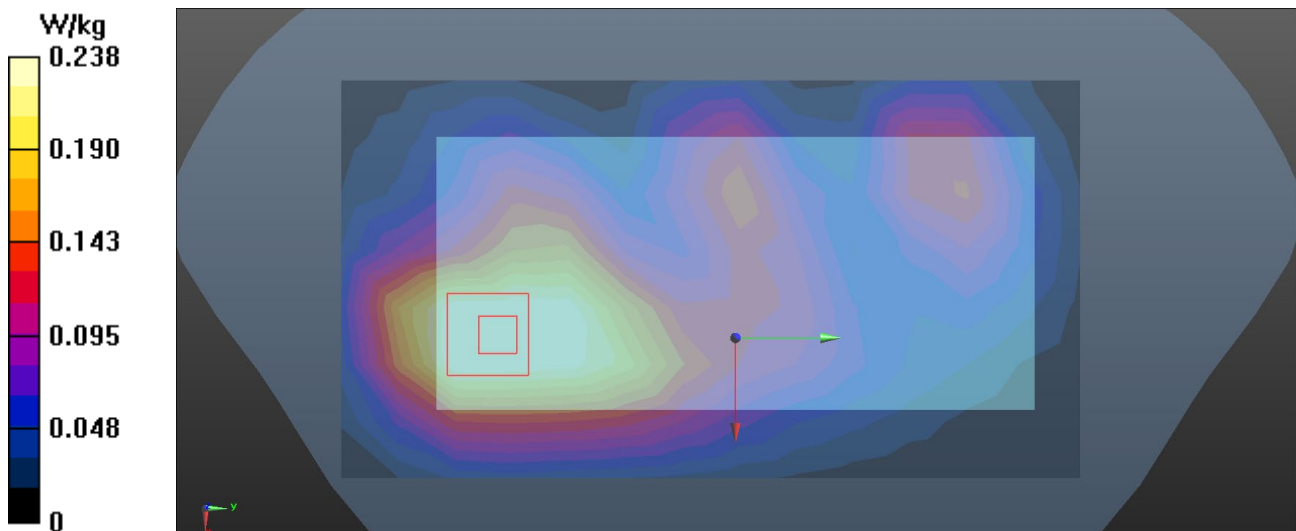
- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2580 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.238 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.929 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.167 W/kg ; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.256 W/kg


Test Laboratory: BTL, Inc

Date: 2021/1/7

L546_LTE B38_QPSK20M_CH37850_1RB_Rear Face_1.5cm_Ant Up_SIM 1_Battery 1

DUT: Mobile phone;

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2580 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2580$ MHz; $\sigma = 1.998$ S/m; $\epsilon_r = 38.679$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2580 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.455 W/kg

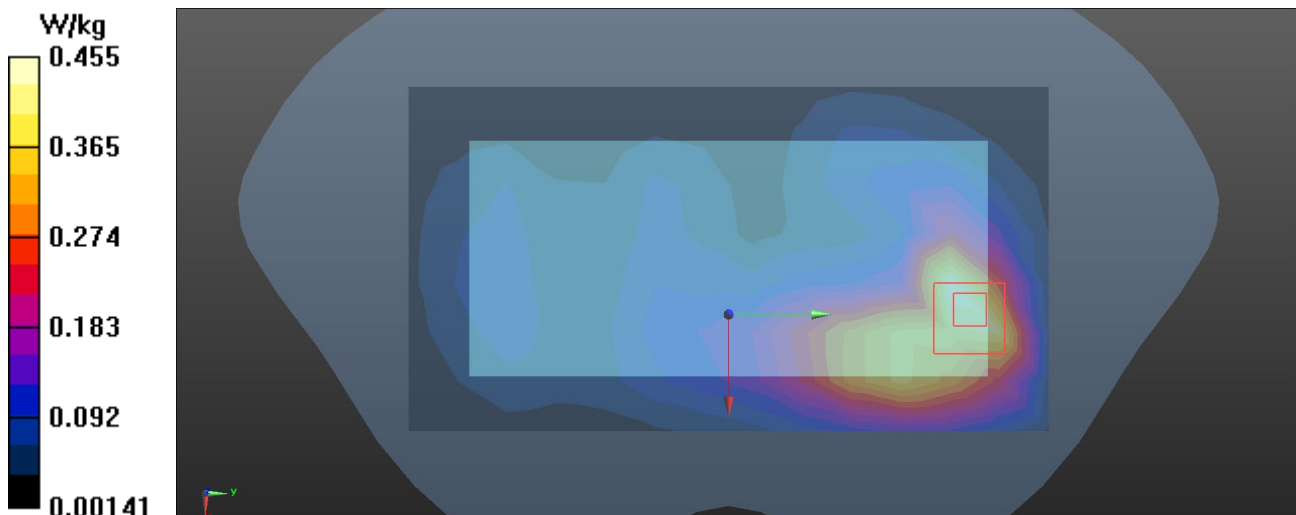
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.914 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.763 W/kg

SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.168 W/kg

Maximum value of SAR (measured) = 0.574 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/5

L571_LTE B41_QPSK20M_CH40140_1RB_Front Face_1.5cm_Ant Down_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, Generic LTE (0);

Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.001$ S/m; $\epsilon_r = 37.847$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2593 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.271 W/kg

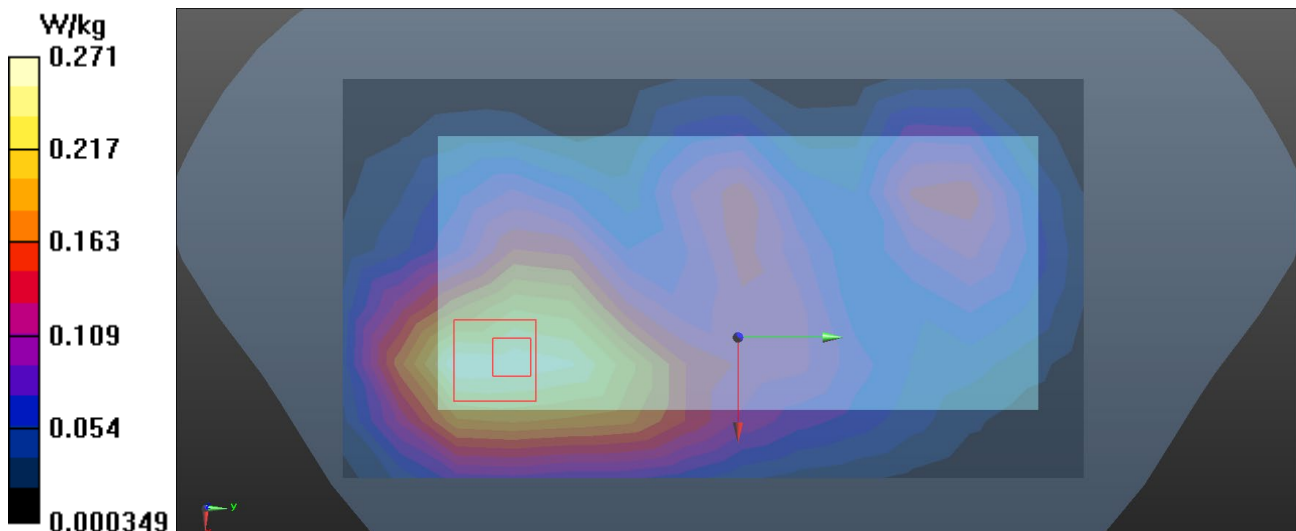
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.355 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.271 W/kg



Test Laboratory: BTL, Inc

Date: 2021/1/7

L591_LTE B41_QPSK20M_CH40440_1RB_Rear Face_1.5cm_Ant Up_SIM 2_Battery 1

DUT: Mobile phone;

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2575 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2575$ MHz; $\sigma = 1.992$ S/m; $\epsilon_r = 38.694$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2575 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.375 W/kg

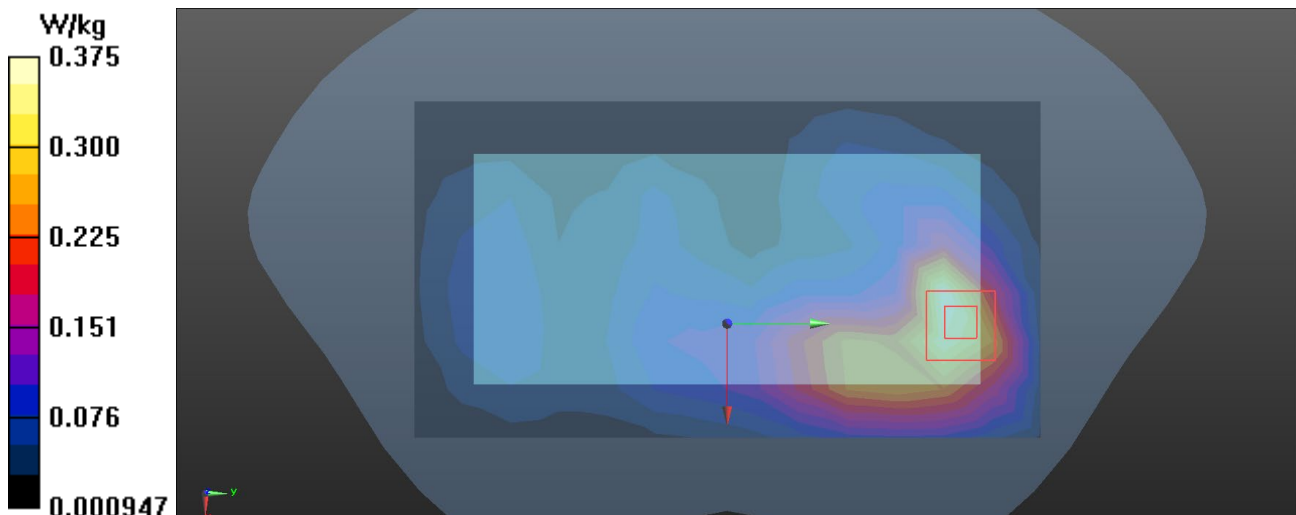
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.436 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.444 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/4

L606_LTE B66_QPSK20M_CH132322_1RB_Rear Face_1.5cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 40.111$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1745 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.393 W/kg

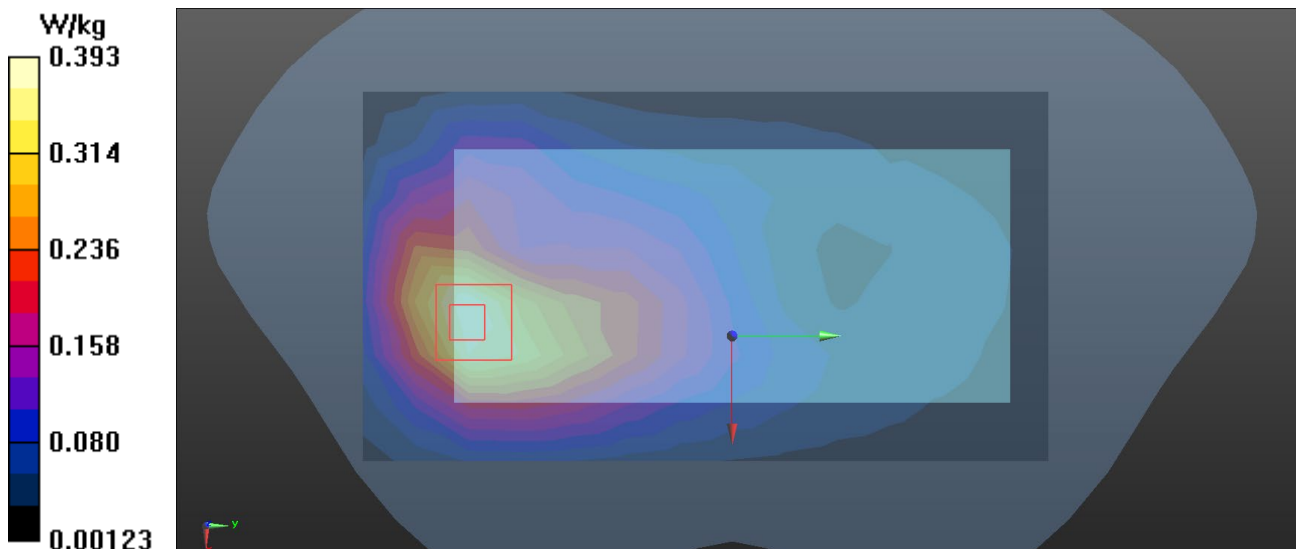
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.483 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.401 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/31

L635_LTE B66_QPSK20M_CH132572_1RB_Rear Face_1.5cm_Ant Up_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770 \text{ MHz}$; $\sigma = 1.407 \text{ S/m}$; $\epsilon_r = 39.837$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.3 \text{ }^\circ\text{C}$; Liquid Temperature: $22.4 \text{ }^\circ\text{C}$

DASY Configuration:

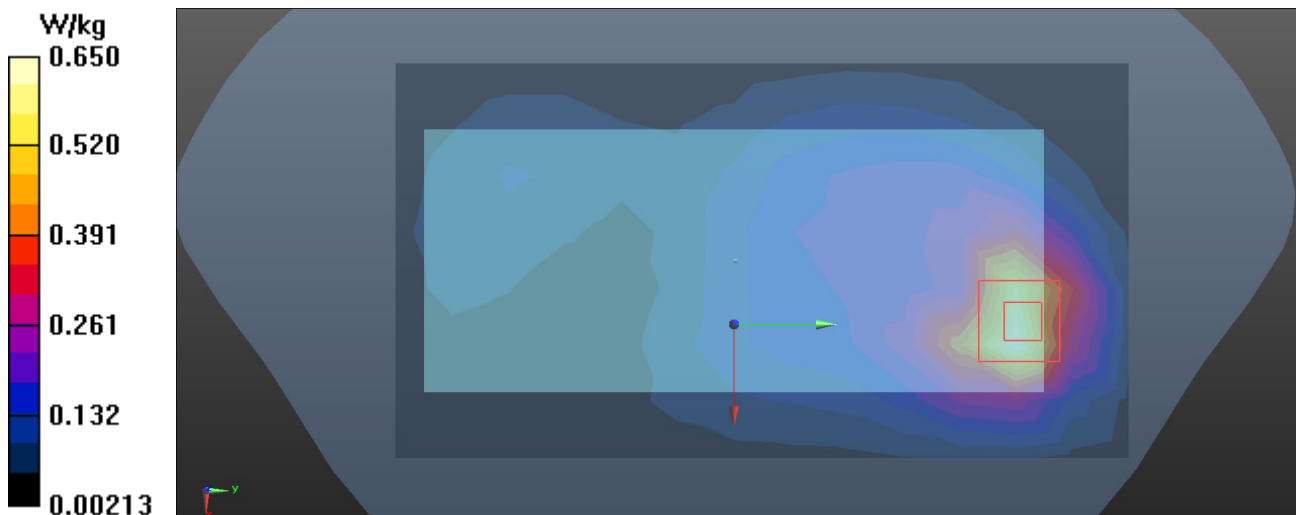
- Probe: ES3DV3 - SN3162; ConvF(5.21, 5.21, 5.21) @ 1770 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.650 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.425 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.929 W/kg
SAR(1 g) = 0.571 W/kg ; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 0.677 W/kg


Test Laboratory: BTL Inc.

Date: 2021/8/27

W59_802.11b_CH1_Rear Face_1.5cm_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0);

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.753$ S/m; $\epsilon_r = 39.866$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2412 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.189 W/kg

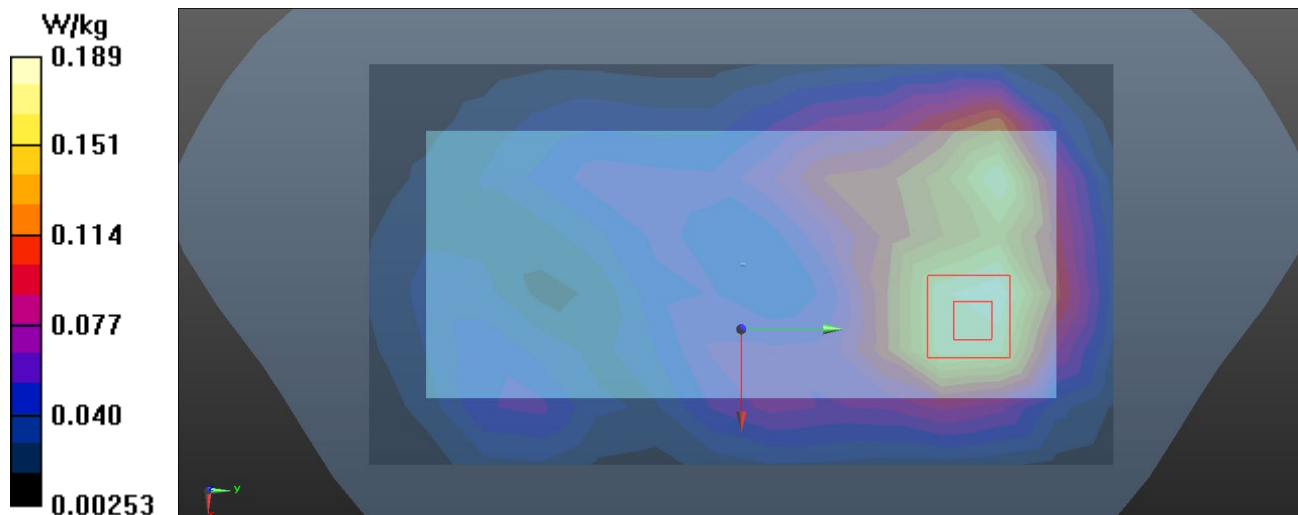
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.669 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.204 W/kg



Test Laboratory: BTL,Inc

Date: 2021/8/27

W70_BT DH5_CH39_Rear Face_1.5cm_Battery 2

DUT: Mobile Phone;

Communication System: UID 0, BT (0);

Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.779$ S/m; $\epsilon_r = 39.757$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2441 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0311 W/kg

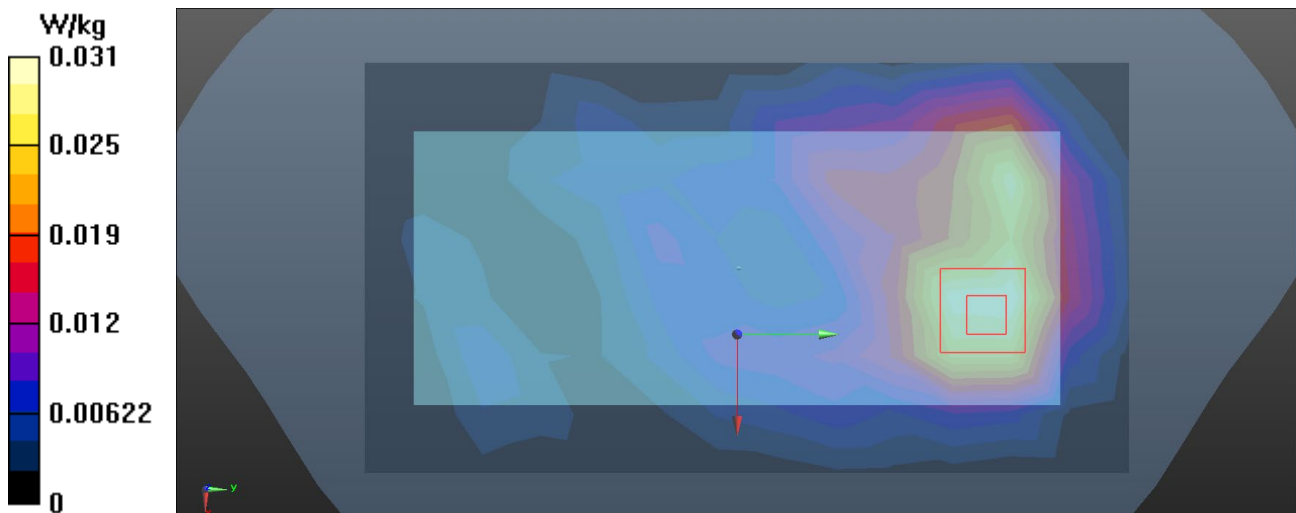
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.759 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0440 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0338 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/28

W86_802.11ac VHT20_CH60_Rear Face_1.5cm_Battery 2

DUT: Mobile Phone;

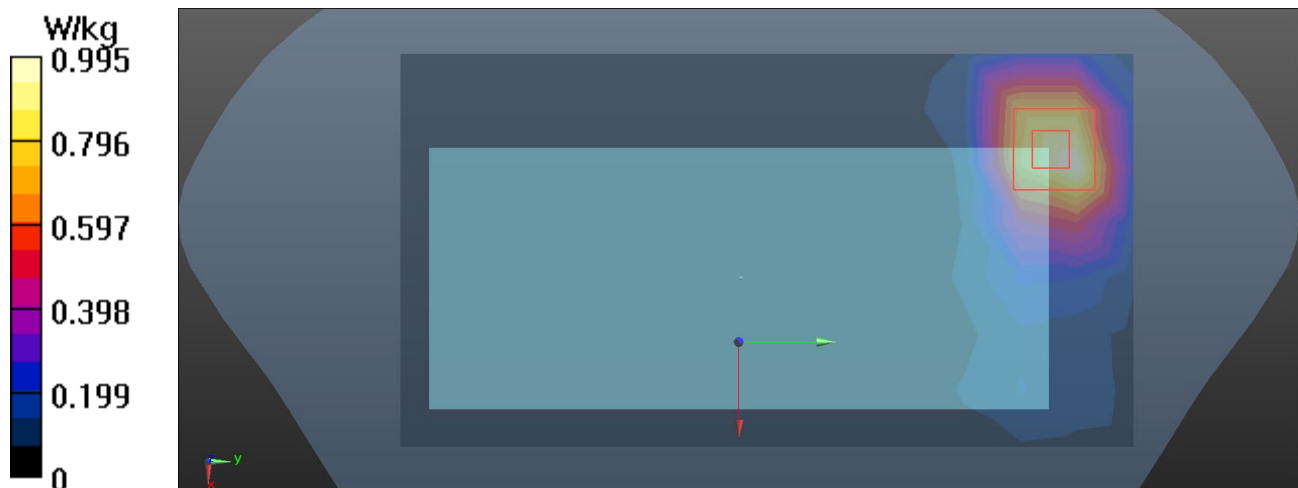
Communication System: UID 10607 - AAB, IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle);
Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5300$ MHz; $\sigma = 4.892$ S/m; $\epsilon_r = 35.537$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.8, 5.8, 5.8) @ 5300 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.995 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 2.045 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 1.30 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/28

W95_802.11a_CH108_Rear Face_1.5cm_Battery 1

DUT: Mobile Phone;

Communication System: UID 10317 - AAC, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle);

Frequency: 5540 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5540$ MHz; $\sigma = 5.177$ S/m; $\epsilon_r = 34.93$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(4.94, 4.94, 4.94) @ 5540 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.21 W/kg

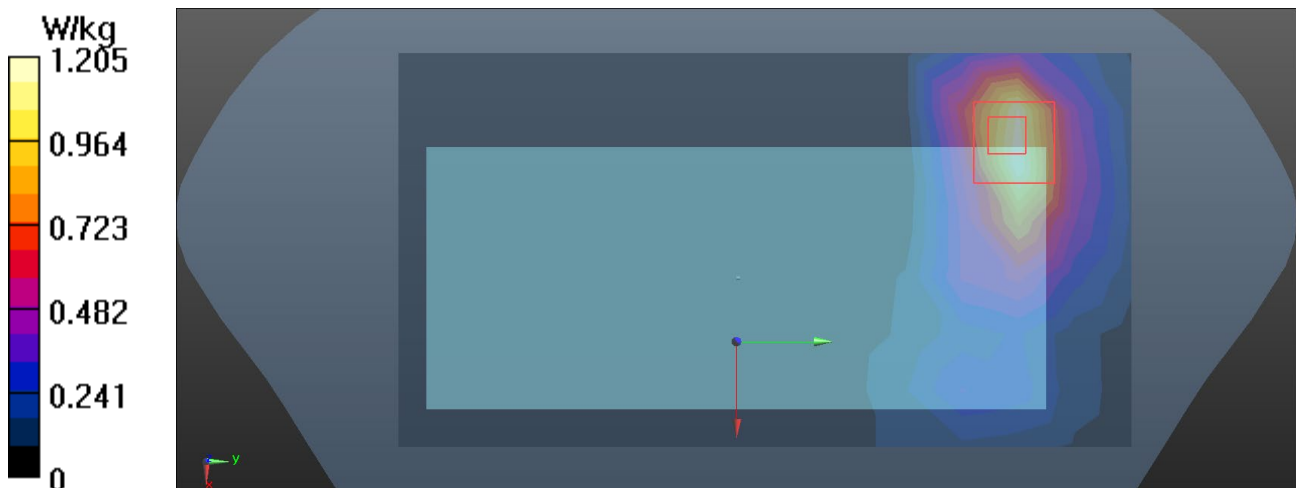
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.433 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 1.42 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/28

W105_802.11a_CH157_Rear Face_1.5cm_Battery 1

DUT: Mobile Phone;

Communication System: UID 10317 - AAC, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle);

Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.476$ S/m; $\epsilon_r = 34.348$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5785 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.532 W/kg

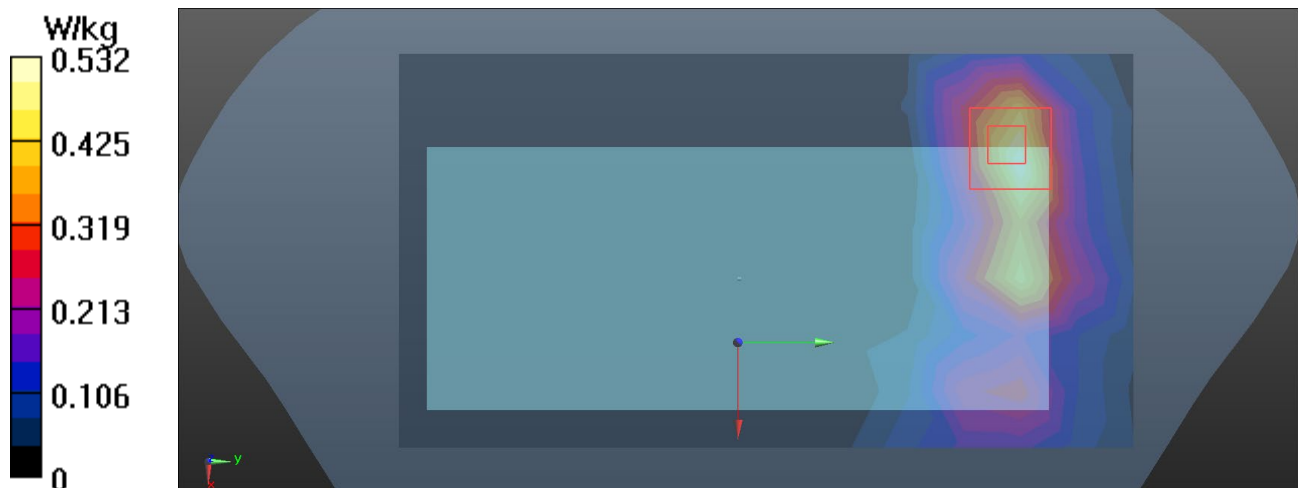
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.834 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.616 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/1

G34_GSM 850_GPRS2TX_CH190_Rear Face_1.0cm_Ant_Down_SIM 1_Battery 1

DUT: Mobile Phone;

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

Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.945 \text{ S/m}$; $\epsilon_r = 40.613$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 836.6 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.315 W/kg

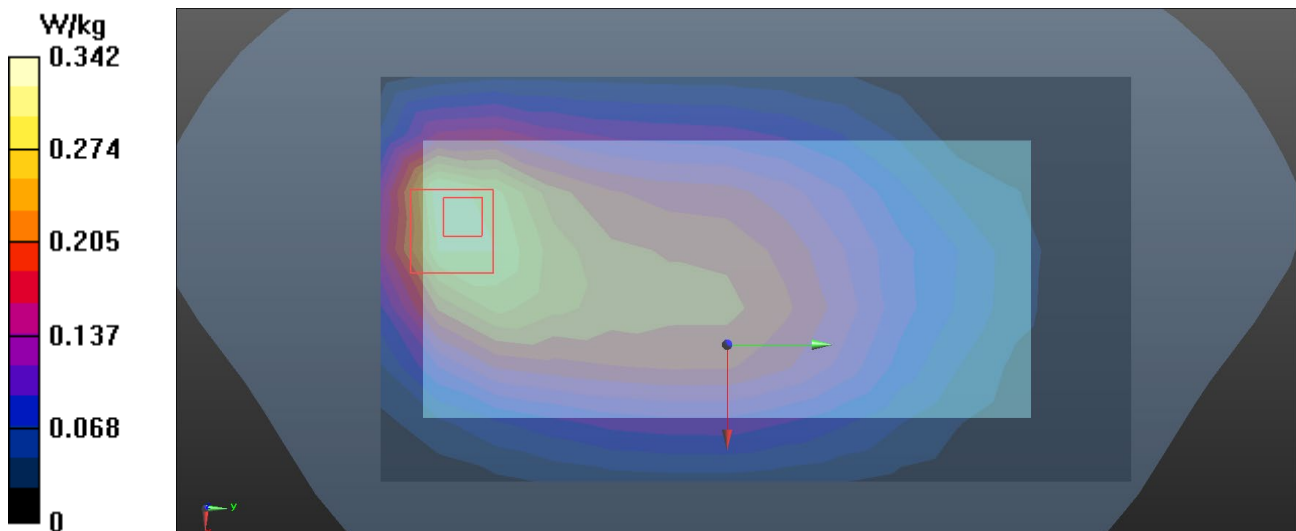
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.21 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 0.342 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/1

G50_GSM 850_GPRS2TX_CH190_Rear Face_1.0cm_Ant Up_SIM 2_Battery 1

DUT: Mobile Phone;

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

Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.945$ S/m; $\epsilon_r = 40.613$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 836.6 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.378 W/kg

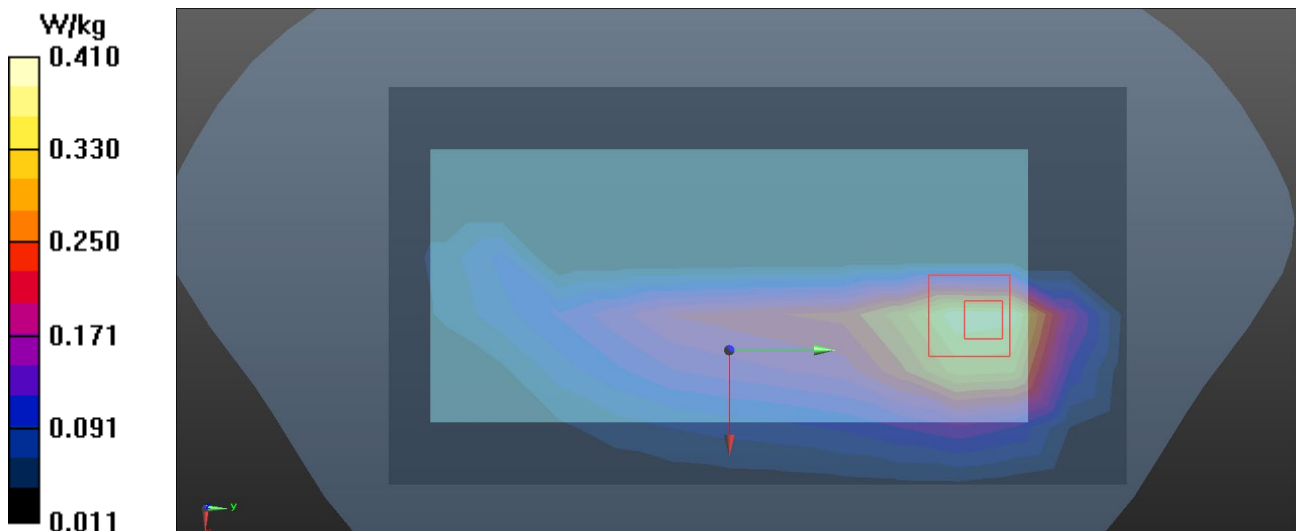
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.22 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.410 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/8

G62_GSM 1900_GPRS4TX_CH661_Bottom Side_1.0cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, GPRS 4TX (0);

Frequency: 1880 MHz; Duty Cycle: 1:2

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.314 \text{ S/m}$; $\epsilon_r = 39.963$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

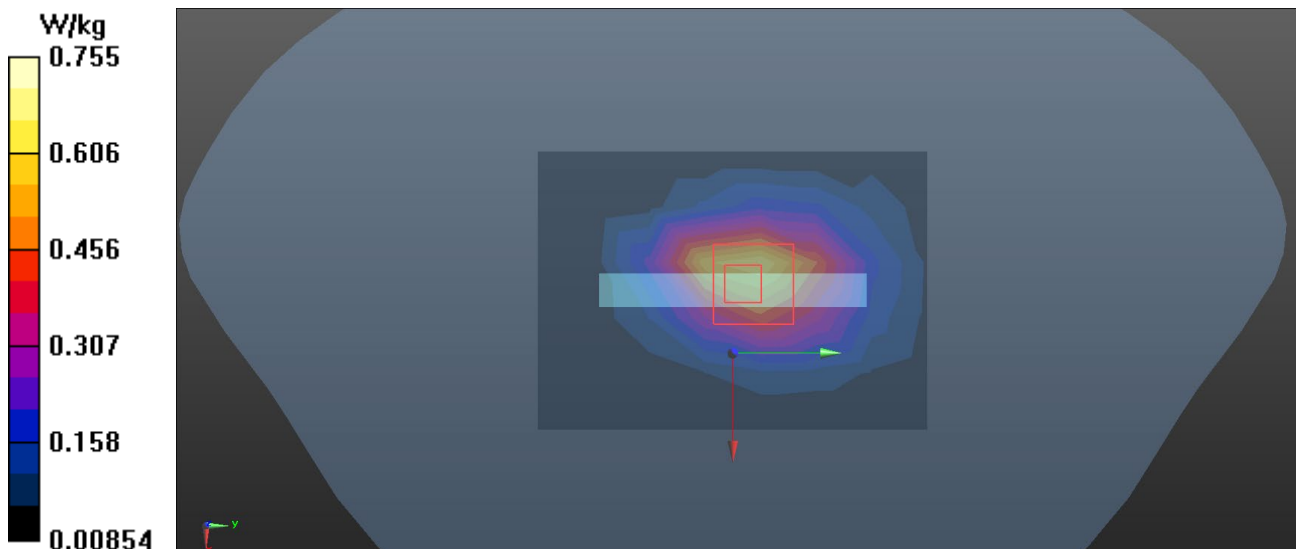
- Probe: EX3DV4 - SN7544; ConvF(8.22, 8.22, 8.22) @ 1880 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.659 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.856 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.522 W/kg ; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.755 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/8

G76_GSM 1900_GPRS4TX_CH810_Top Side_1.0cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, GPRS 4TX (0);

Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.34 \text{ S/m}$; $\epsilon_r = 39.793$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

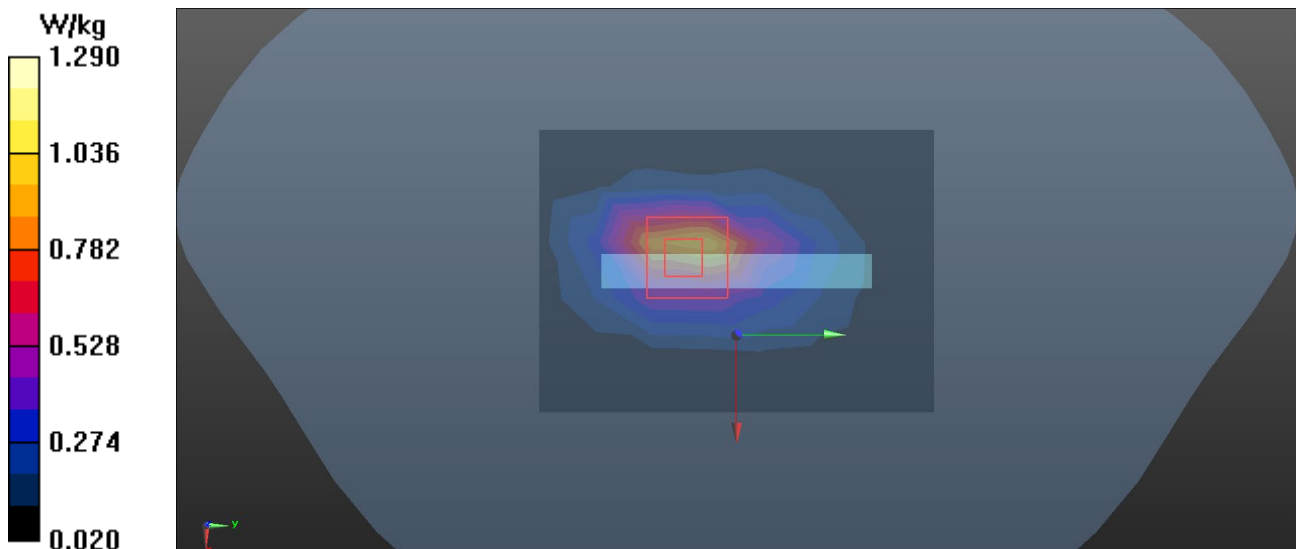
- Probe: EX3DV4 - SN7544; ConvF(8.22, 8.22, 8.22) @ 1909.8 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.04 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.23 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.831 W/kg ; SAR(10 g) = 0.416 W/kg

Maximum value of SAR (measured) = 1.29 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/10

U53_UMTS B2_RMC12.2K_CH9400_Bottom Side_1.0cm_Ant Down_SIM 2_Battery 1

DUT: Mobile phone;

Communication System: UID 10011 - CAA, UMTS-FDD (WCDMA);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.315 \text{ S/m}$; $\epsilon_r = 39.168$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.482 W/kg

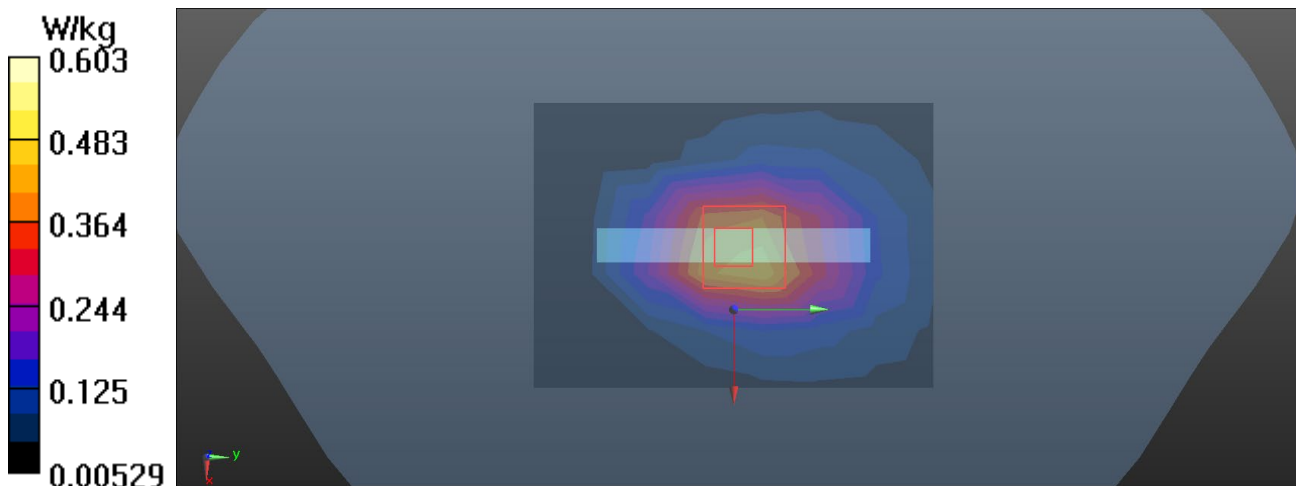
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.14 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.717 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (measured) = 0.603 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/10

U65_UMTS B2_RMC12.2K_CH9400_Top Side_1.0cm_Ant Up_SIM 2_Battery 1

DUT: Mobile phone;

Communication System: UID 10011 - CAA, UMTS-FDD (WCDMA);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 39.168$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.568 W/kg

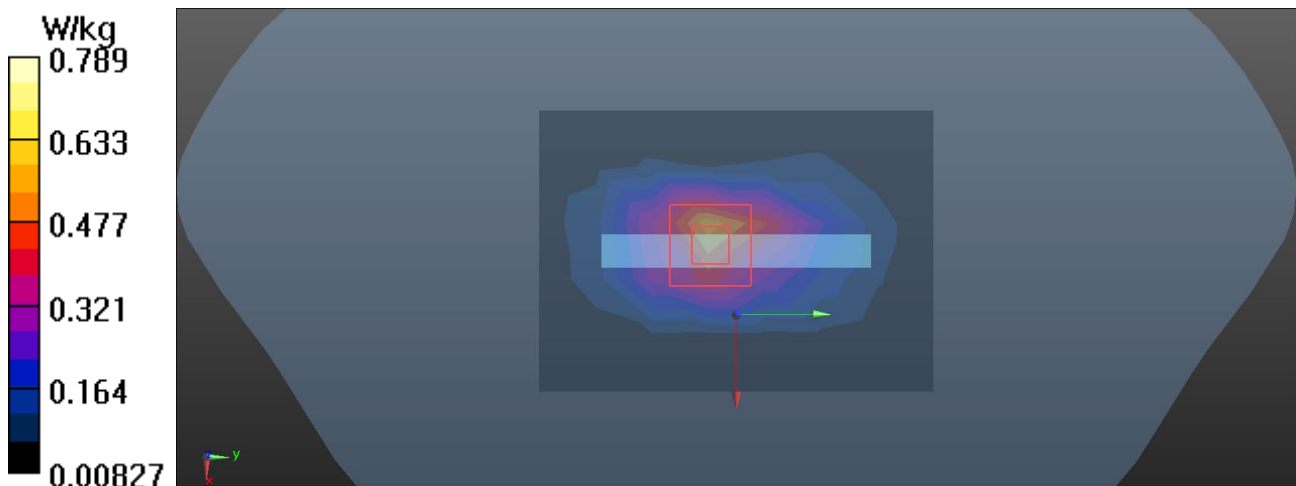
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.32 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.947 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.246 W/kg

Maximum value of SAR (measured) = 0.789 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/9

U77_UMTS B4_RMC12.2K_CH1413_Bottom Side_1.0cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

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

Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 39.495$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(5.22, 5.22, 5.22) @ 1732.6 MHz; Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.554 W/kg

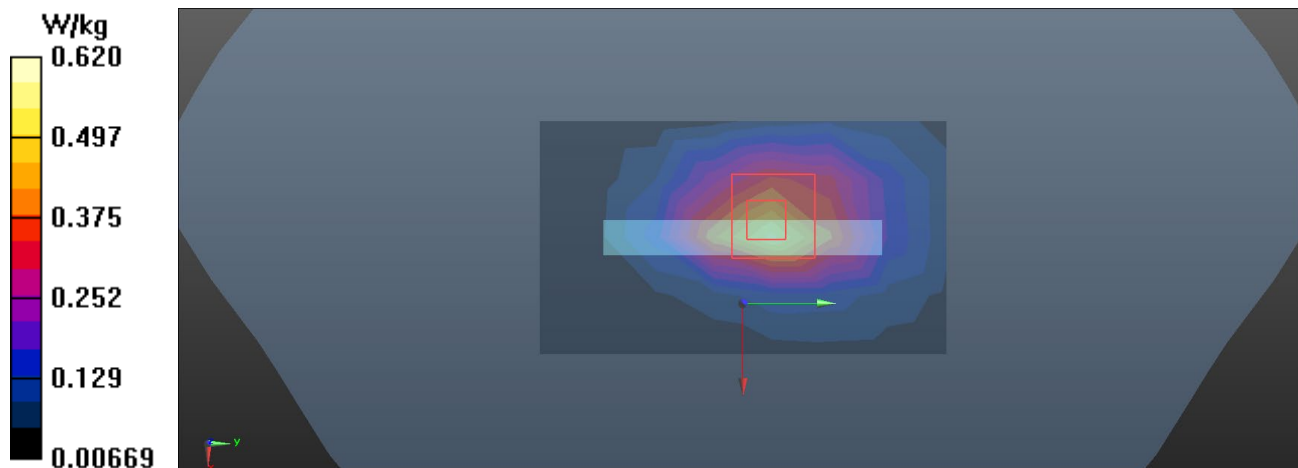
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.60 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.866 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 0.620 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/9

U90_UMTS B4_RMC12.2K_CH1413_Top Side_1.0cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

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

Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 39.495$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(5.22, 5.22, 5.22) @ 1732.6 MHz; Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.713 W/kg

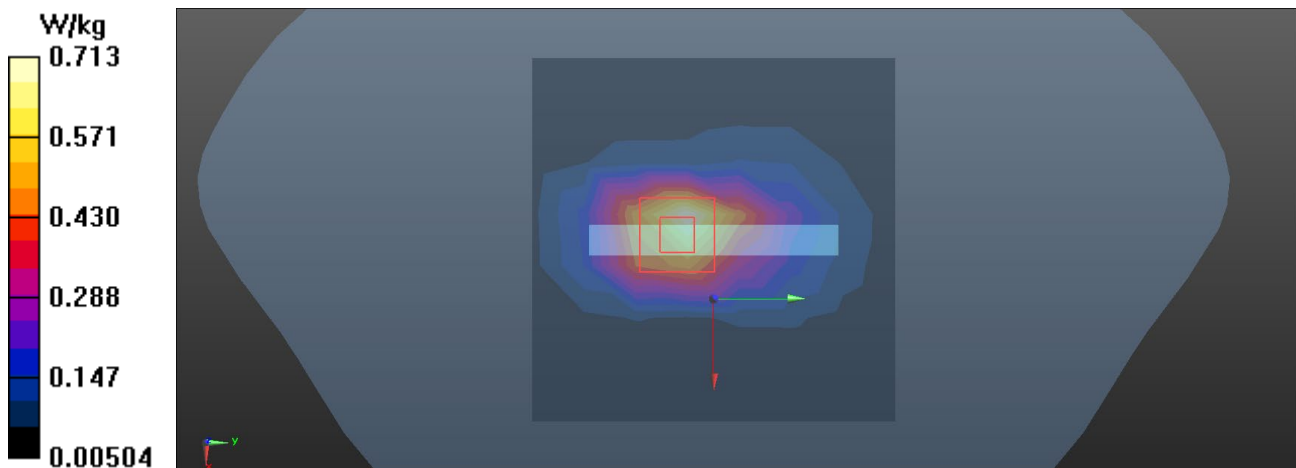
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.84 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.369 W/kg

Maximum value of SAR (measured) = 0.960 W/kg



Test Laboratory: BTL Inc.

Date: 2020/1/1

U105_UMTS B5_RMC12.2K_CH4182_Rear Face_1.0cm_Ant Down_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, WCDMA (0);

Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4 \text{ MHz}$; $\sigma = 0.945 \text{ S/m}$; $\epsilon_r = 40.613$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 826.4 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.251 W/kg

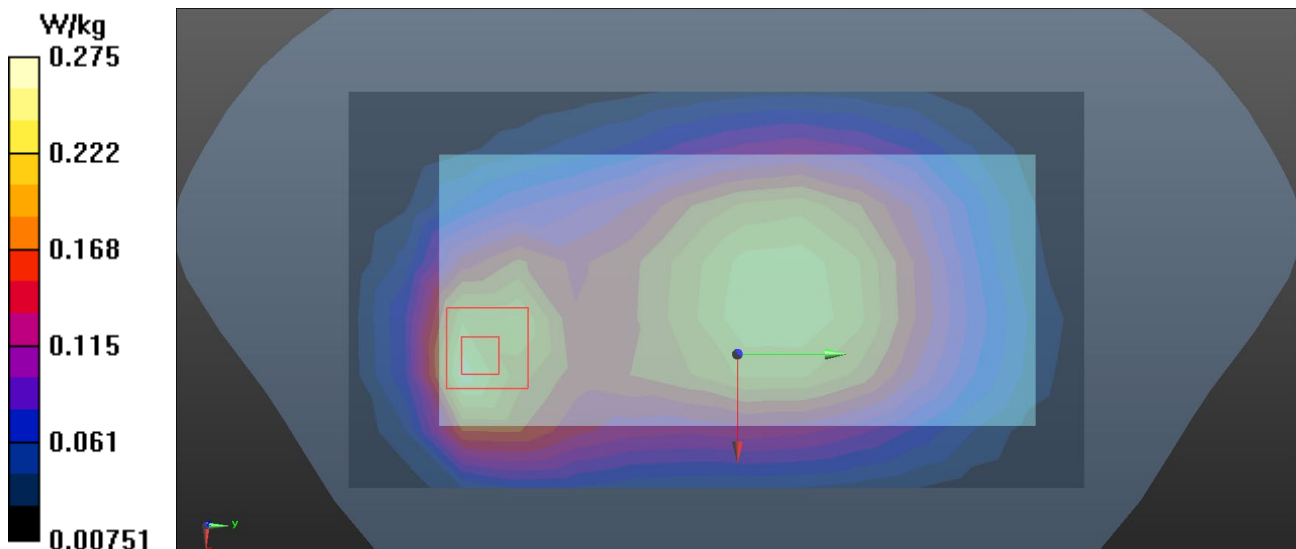
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.13 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.275 W/kg



Test Laboratory: BTL Inc.

Date: 2020/1/1

U117_UMTS B5_RMC12.2K_CH4182_Top Side_1.0cm_Ant Up_SIM 2_Battery 1

DUT: Mobile Phone;

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

Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.945$ S/m; $\epsilon_r = 40.613$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 836.4 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.224 W/kg

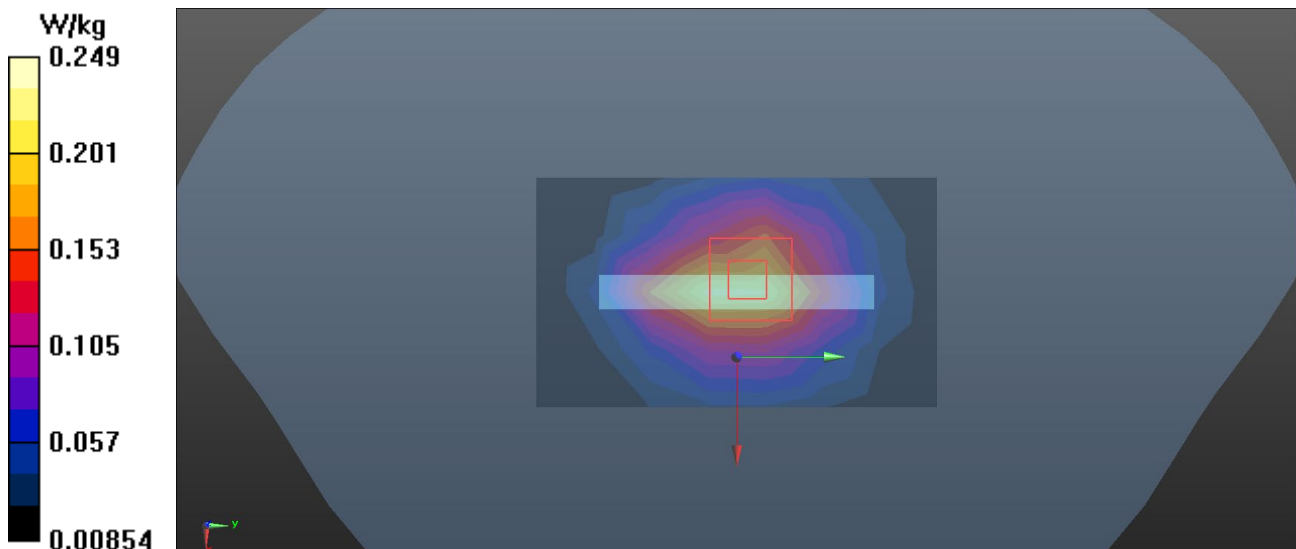
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.56 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.303 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.249 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/18

L257_LTE B2_QPSK20M_CH19100_1RB_Bottom Side_1.0cm_Ant_Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 39.837$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.97, 4.97, 4.97) @ 1900 MHz; Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.929 W/kg

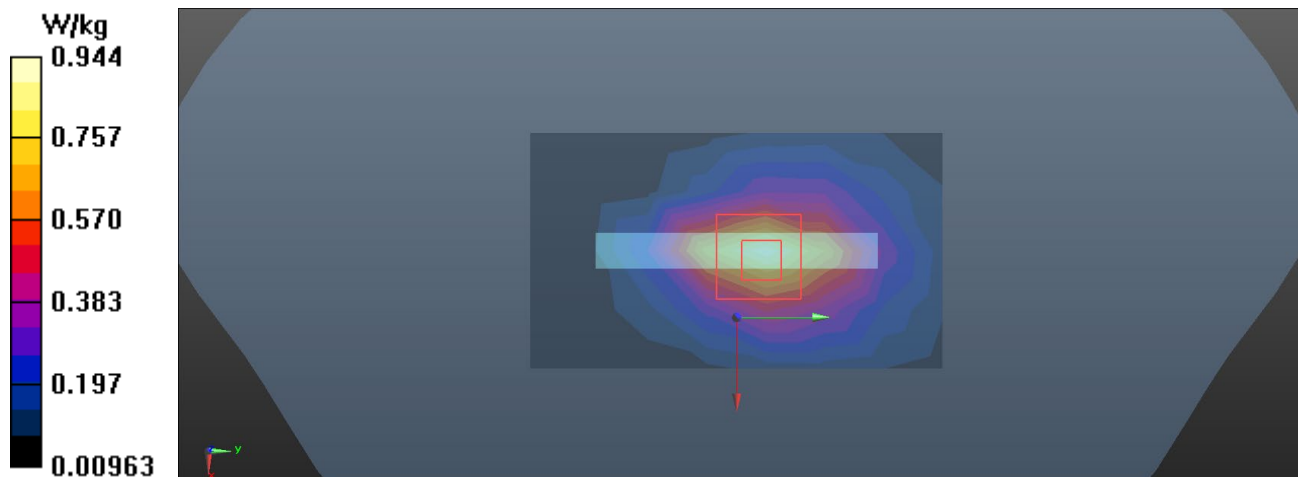
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.57 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.443 W/kg

Maximum value of SAR (measured) = 0.944 W/kg



Test Laboratory: BTL Inc.

Date: 2020/1/10

L277_LTE B2_QPSK20M_CH18900_50RB_Top Side_1.0cm_Ant Up_SIM 1_Battery 1

DUT: Mobile phone;

Communication System: UID 10297 - AAA, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 39.168$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.715 W/kg

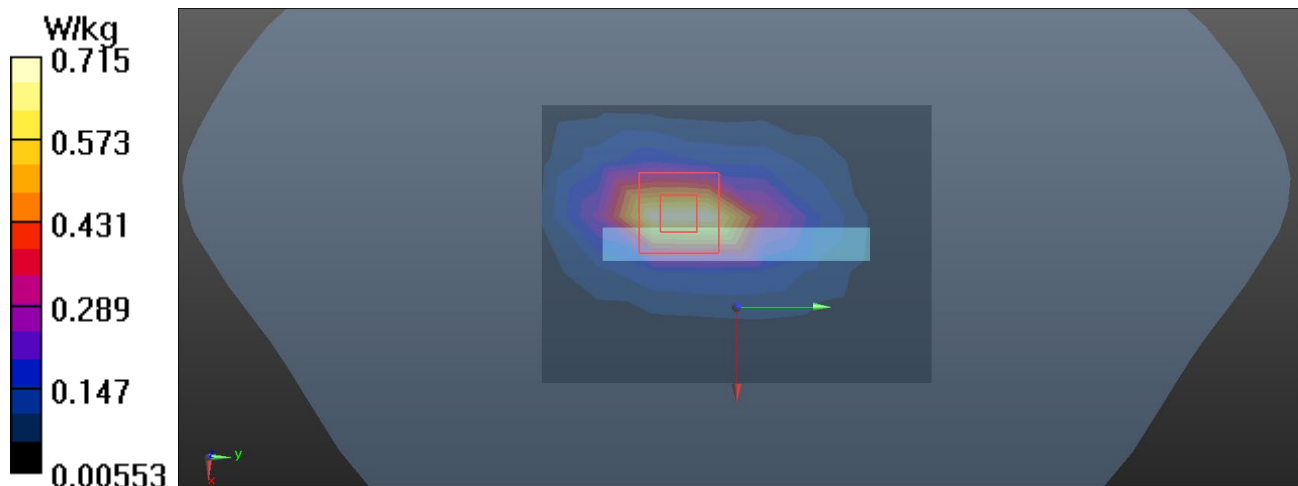
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.65 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.946 W/kg

SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.252 W/kg

Maximum value of SAR (measured) = 0.781 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/4

L298_LTE B4_QPSK20M_CH20300_1RB_Bottom Side_1.0cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.38 \text{ S/m}$; $\epsilon_r = 40.111$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

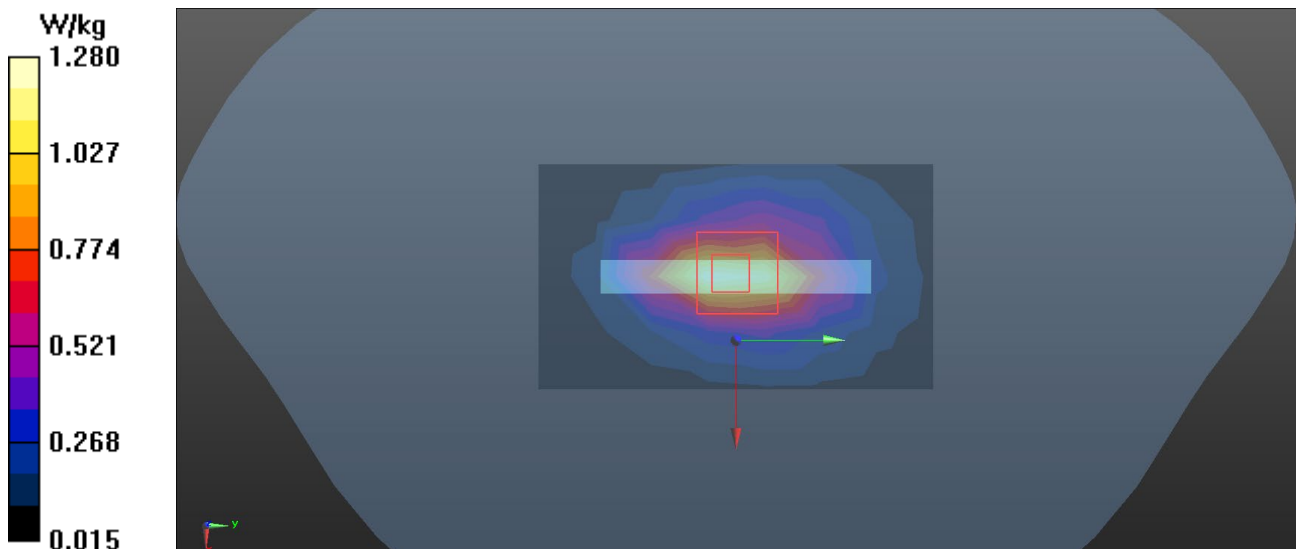
- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1745 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.28 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.30 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.872 W/kg ; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (measured) = 1.28 W/kg


Test Laboratory: BTL.Inc

Date: 2021/1/9

L329_LTE B4_QPSK20M_CH20050_1RB_Top Side_1.0cm_Ant Up_SIM 1_Battery 1

DUT: Mobile phone;

Communication System: UID 0, LTE FDD (0);

Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.379$ S/m; $\epsilon_r = 39.674$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(5.22, 5.22, 5.22) @ 1720 MHz; Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.19 W/kg

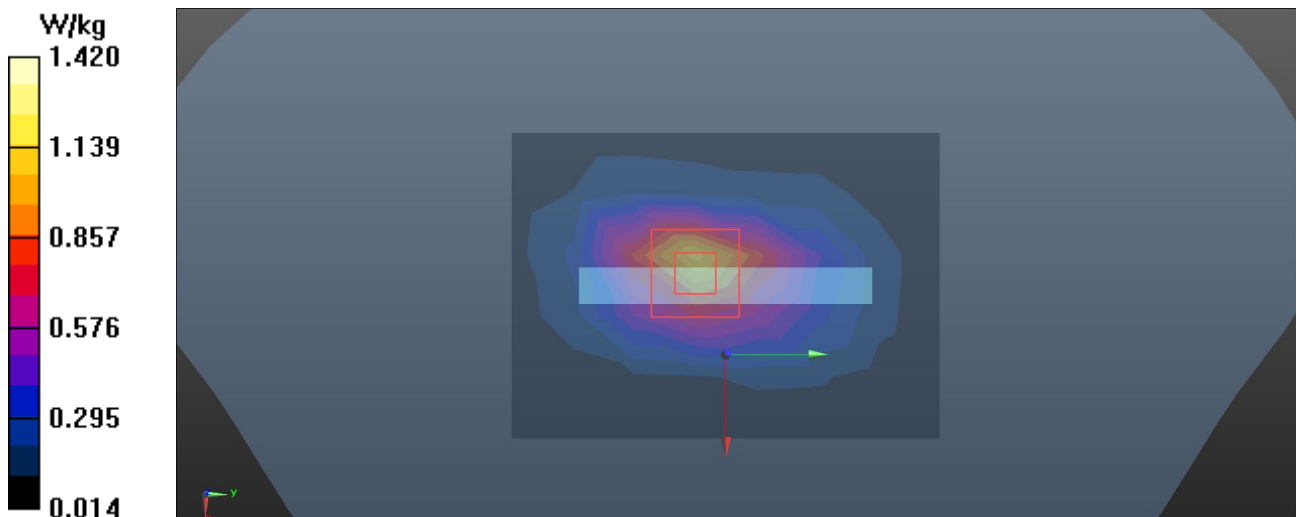
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.04 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.449 W/kg

Maximum value of SAR (measured) = 1.42 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/30

L348_LTE B5_QPSK10M_CH20450_1RB_Rear Face_1.0cm_Ant Down_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0);

Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 40.698$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

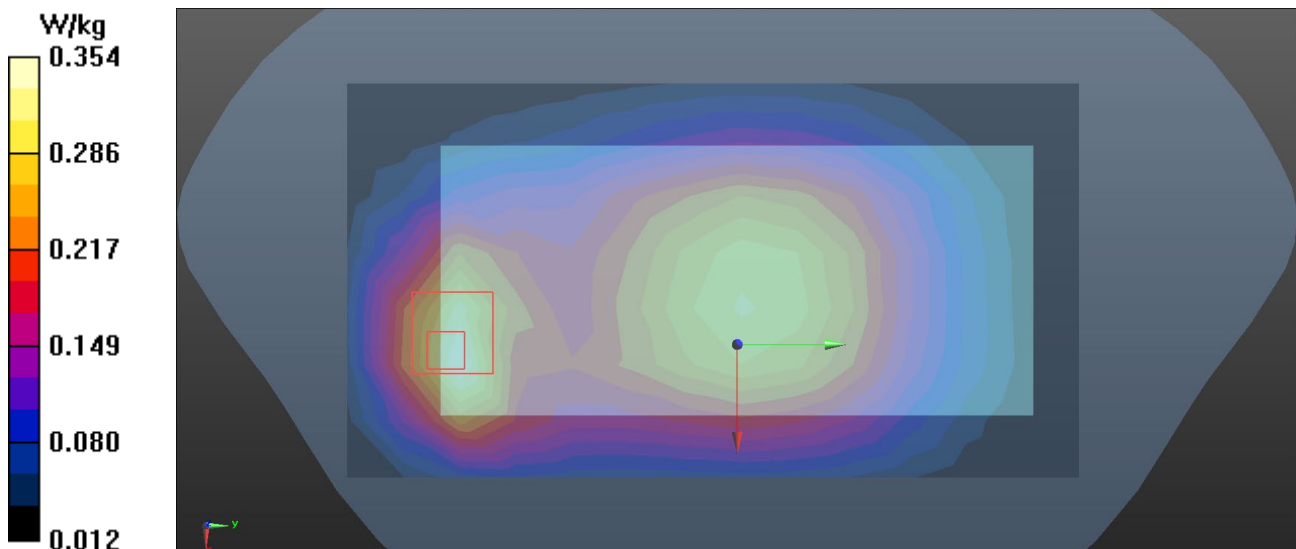
- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 829 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.360 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.67 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.477 W/kg
SAR(1 g) = 0.249 W/kg ; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.354 W/kg


Test Laboratory: BTL Inc.

Date: 2020/12/30

L367_LTE B5_QPSK10M_CH20450_1RB_Top Side_1.0cm_Ant Up_SIM 1_Battery 2

DUT: Mobile Phone;

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; $\sigma = 0.936$ S/m; $\epsilon_r = 40.698$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 829 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.194 W/kg

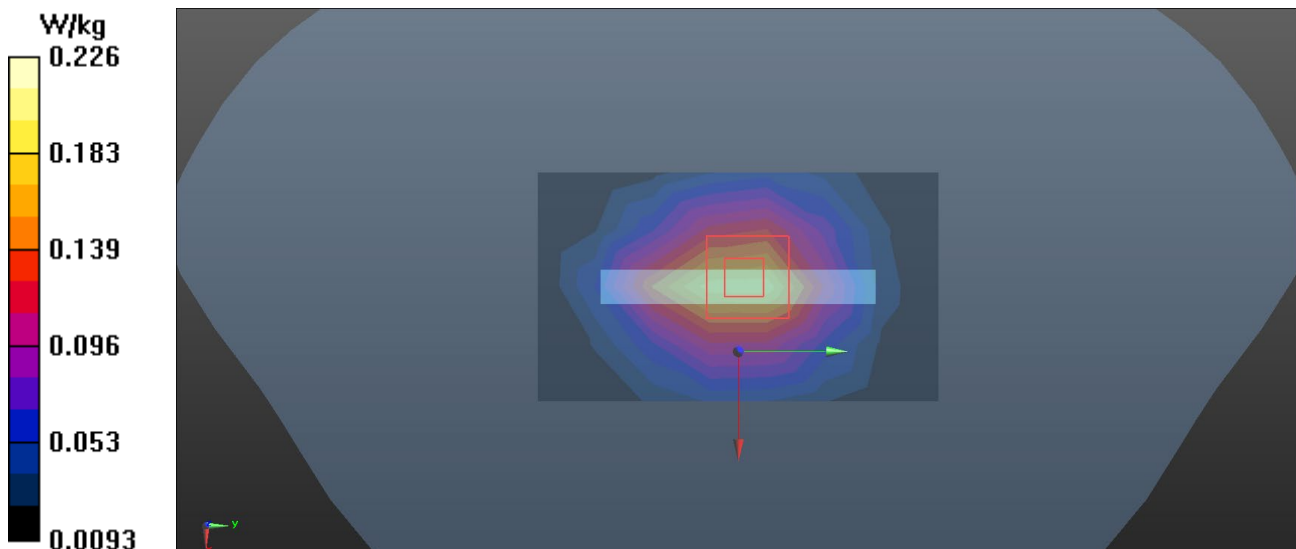
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.03 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.226 W/kg



Test Laboratory: BTL.Inc

Date: 2021/1/6

L376_LTE B7_QPSK20M_CH21100_1RB_Front Face_1.0cm_Ant Down_SIM 1_Battery 1

DUT: Mobile phone;

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

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 37.948$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2535 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.812 W/kg

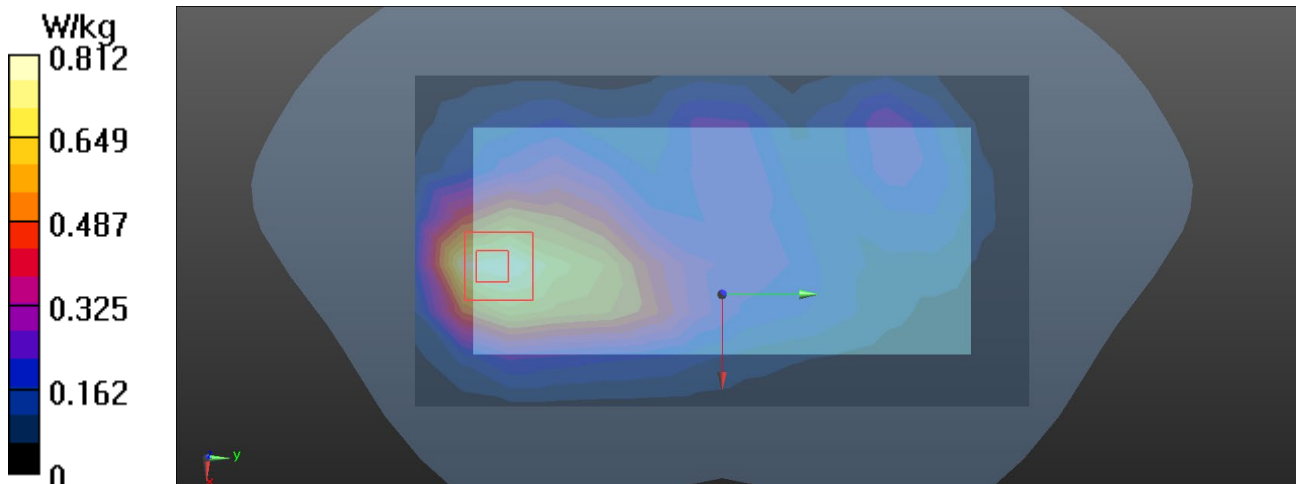
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.67 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 0.856 W/kg



Test Laboratory: BTL.Inc

Date: 2021/1/7

L404_LTE B7_QPSK20M_CH20850_1RB_Top Side_1.0cm_Ant Up_SIM 1_Battery 1

DUT: Mobile phone;

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

Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.908$ S/m; $\epsilon_r = 38.922$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2510 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.47 W/kg

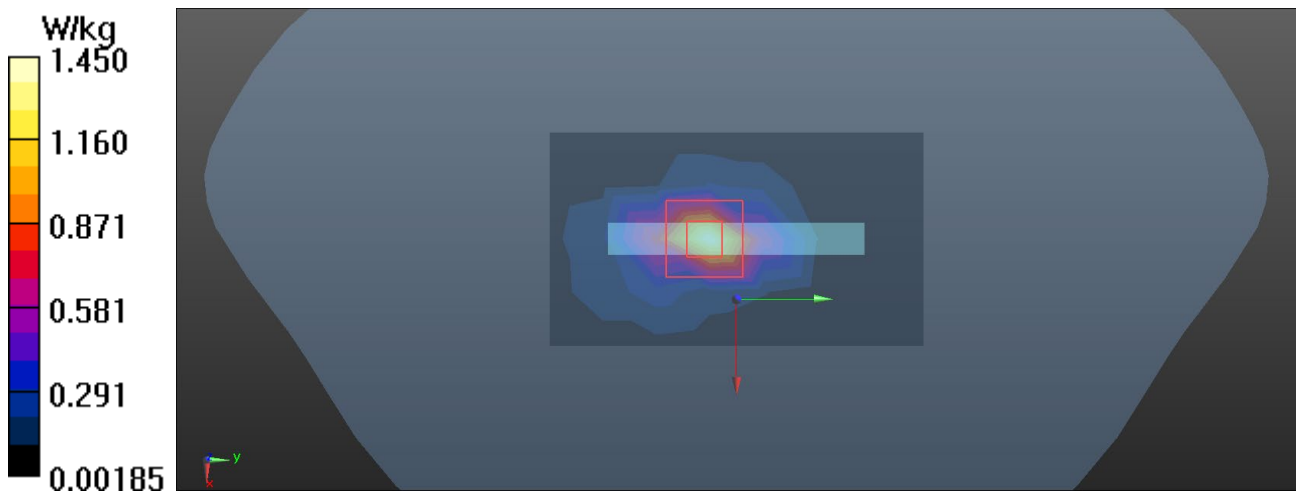
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.01 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/2

L420_LTE B12_QPSK10M_CH23095_1RB_Left Side_1.0cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

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

Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.856$ S/m; $\epsilon_r = 43.315$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 707.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.189 W/kg

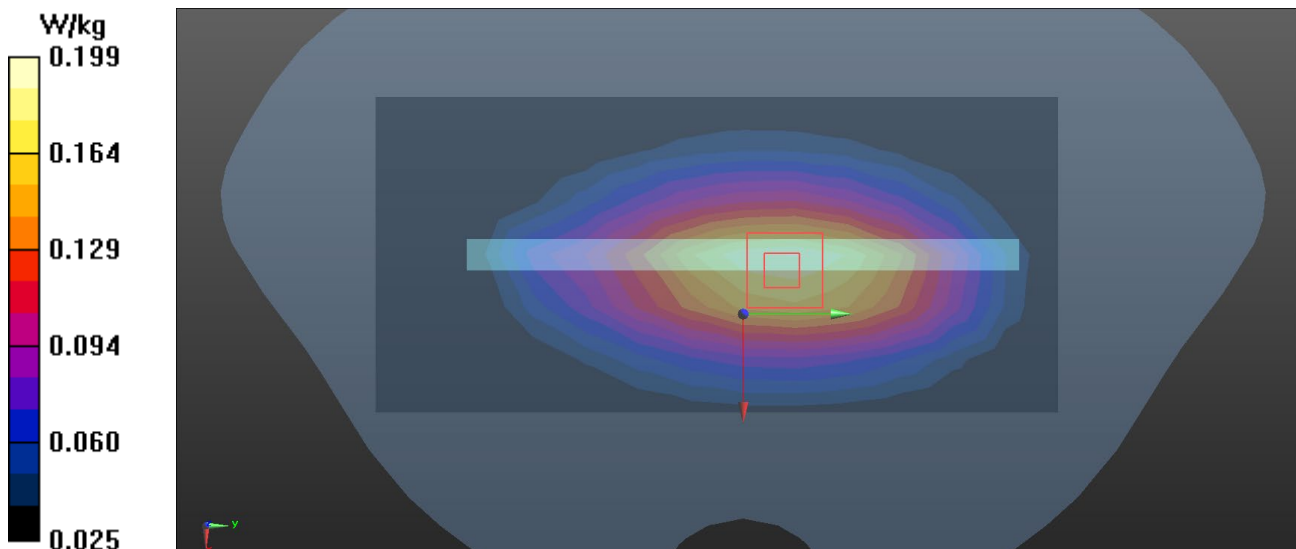
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.16 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.199 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/3

L439_LTE B12_QPSK10M_CH23130_1RB_Rear Face_1.0cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0);

Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 711 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.193$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

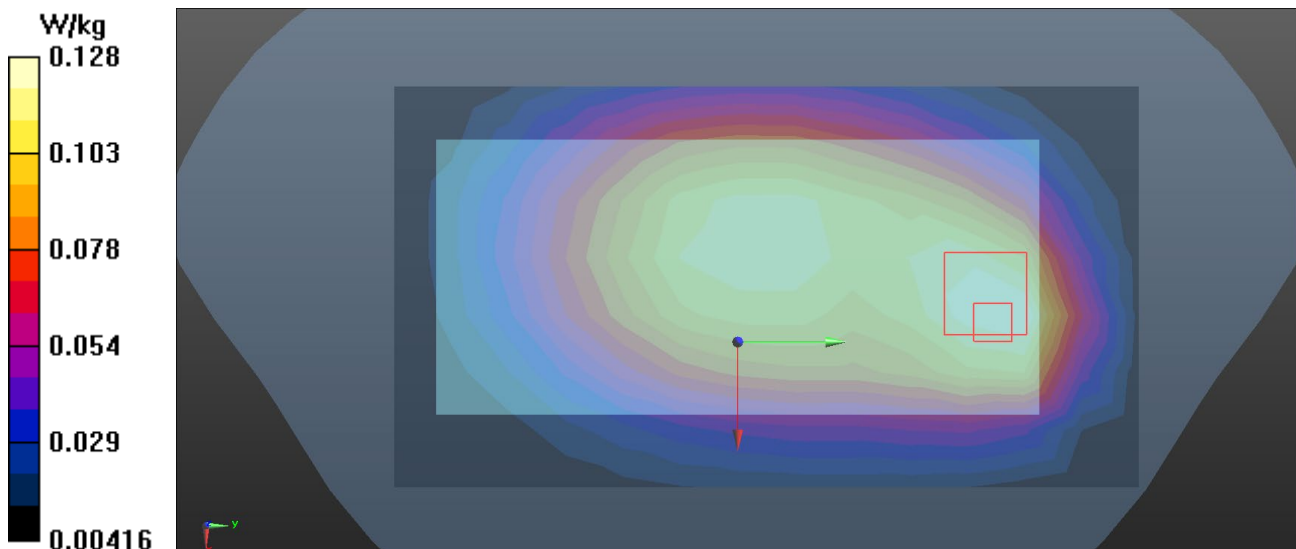
- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 711 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.131 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.89 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.096 W/kg ; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.128 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/3

L466_LTE B17_QPSK10M_CH23800_1RB_Rear Face_1.0cm_Ant Down_SIM 2_Battery 1

DUT: Mobile Phone;

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

Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 711 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.193$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

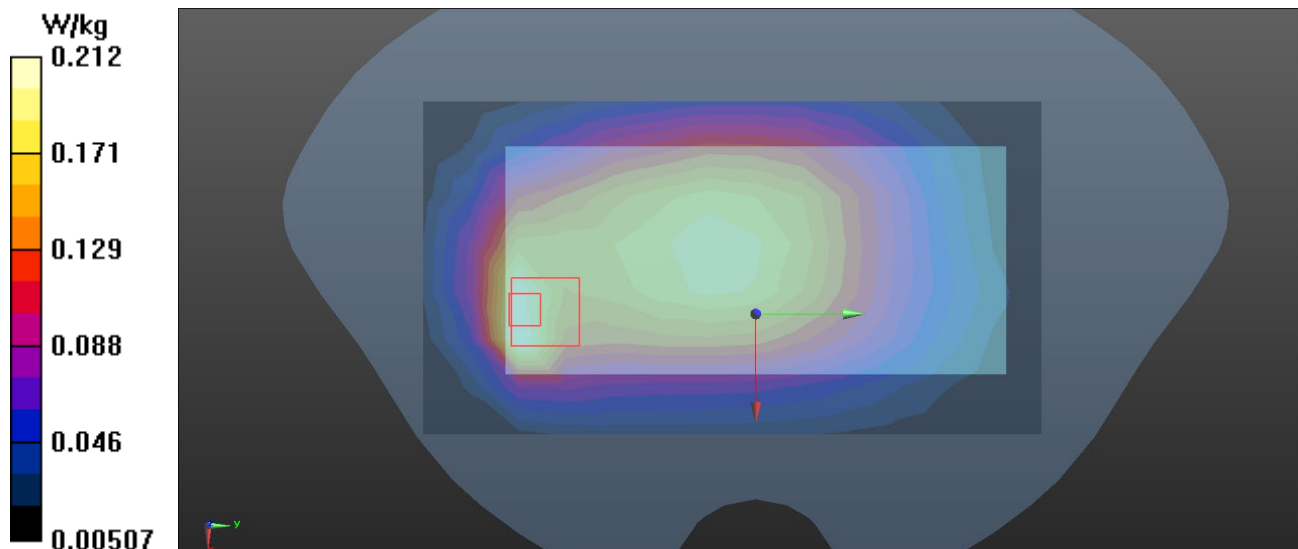
- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 711 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.223 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.33 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.265 W/kg
SAR(1 g) = 0.141 W/kg ; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.212 W/kg


Test Laboratory: BTL Inc.

Date: 2021/1/3

L484_LTE B17_QPSK10M_CH23790_1RB_Rear Face_1.0cm_Ant Up_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0);

Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

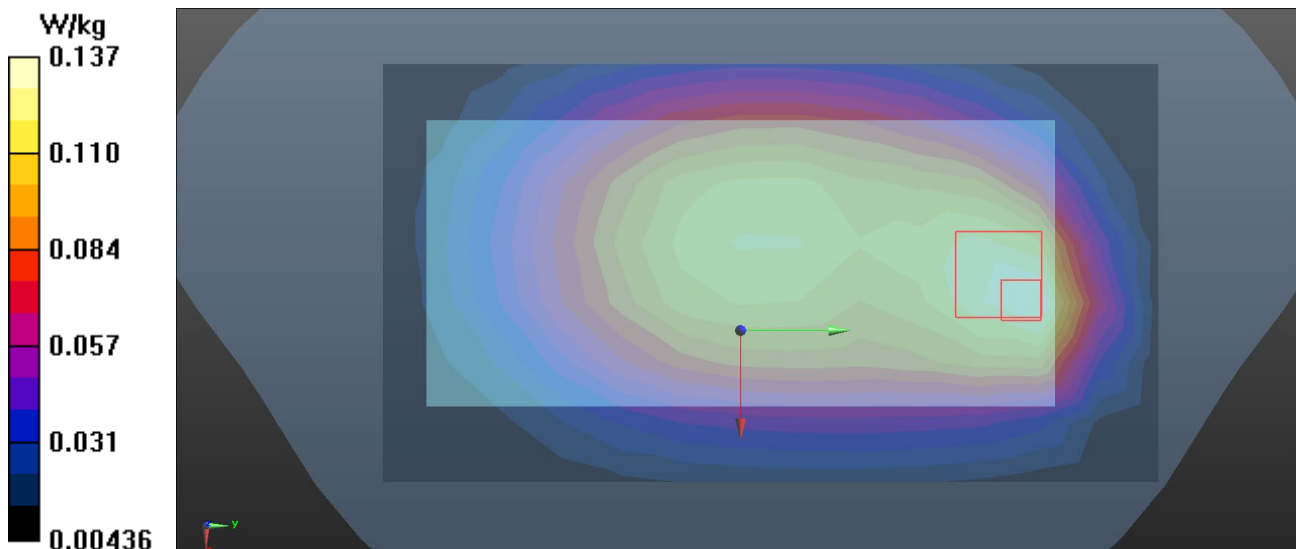
- Probe: EX3DV4 - SN7544; ConvF(10.44, 10.44, 10.44) @ 710 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.142 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.26 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.099 W/kg ; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.137 W/kg


Test Laboratory: BTL Inc.

Date: 2020/12/30

L495_LTE B26_QPSK15M_CH26865_1RB_Rear Face_1.0cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK);

Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 40.676$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 831.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.291 W/kg

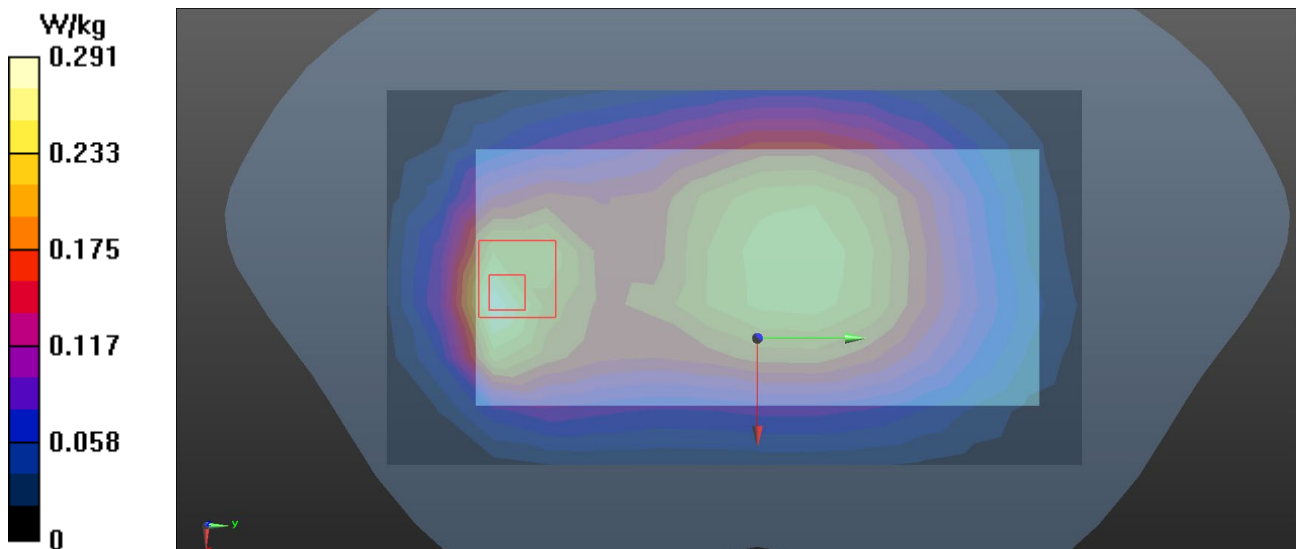
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.45 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.300 W/kg



Test Laboratory: BTL Inc.

Date: 2020/12/30

L515_LTE B26_QPSK15M_CH26865_1RB_Rear Face_1.0cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK);

Frequency: 831.5 MHz; Duty Cycle: 1:3.7368

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 40.676$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 831.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.190 W/kg

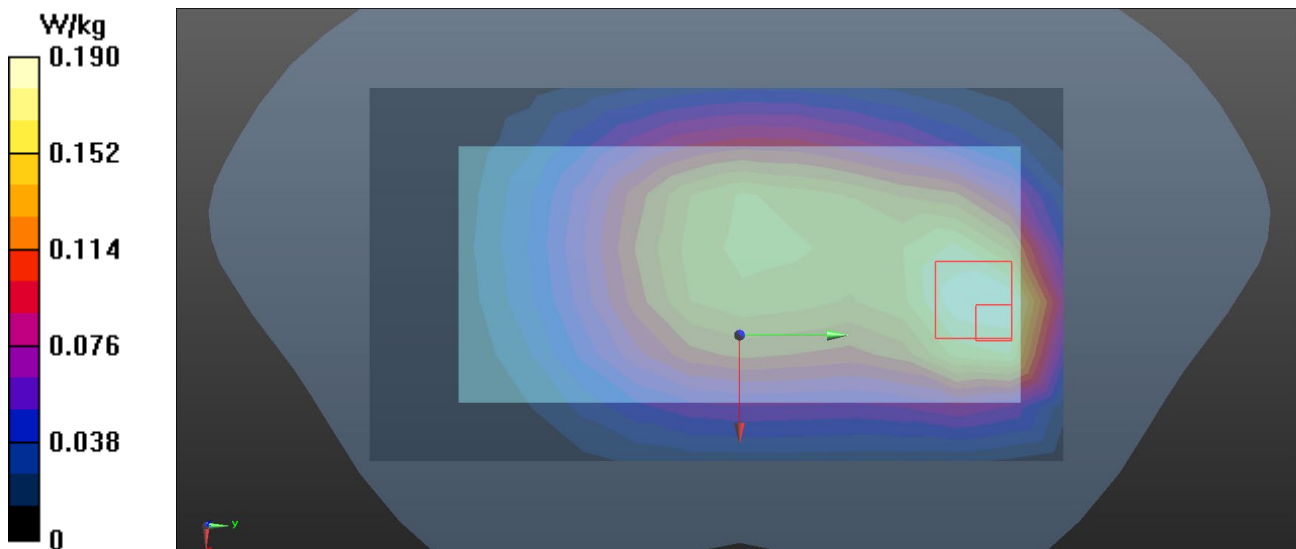
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.16 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



Test Laboratory: BTL.Inc

Date: 2020/1/5

L542_LTE B38_QPSK20M_CH37850_1RB_Front Face_1.0cm_Ant Down_SIM 2_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, Generic LTE (0);

Frequency: 2580 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2580 \text{ MHz}$; $\sigma = 1.989 \text{ S/m}$; $\epsilon_r = 37.887$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.1 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY Configuration:

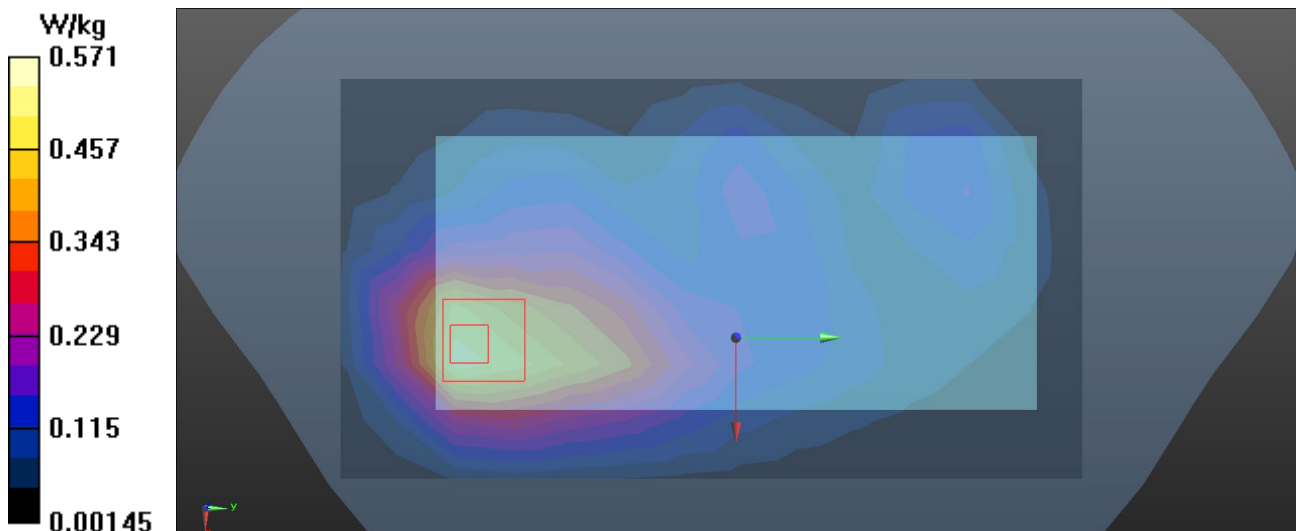
- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2580 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.516 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.792 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.717 W/kg
SAR(1 g) = 0.358 W/kg ; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.571 W/kg


Test Laboratory: BTL.Inc

Date: 2021/1/7

L553_LTE B38_QPSK20M_CH37850_1RB_Rear Face_1.0cm_Ant Up_SIM 1_Battery 1

DUT: Mobile phone;

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2580 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2580$ MHz; $\sigma = 1.998$ S/m; $\epsilon_r = 38.679$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2580 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.09 W/kg

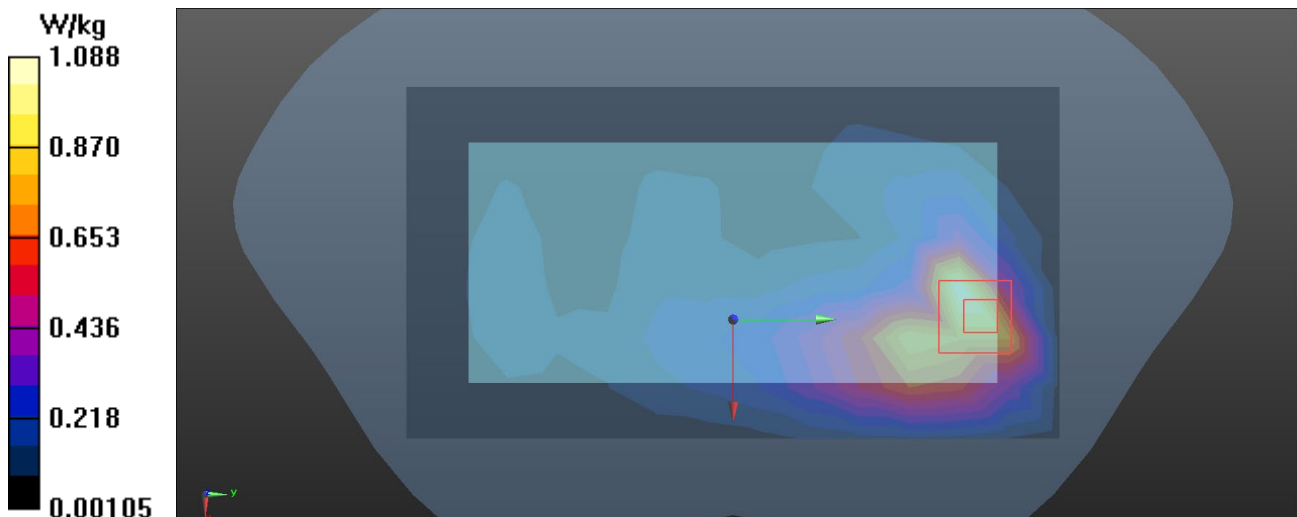
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.532 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.389 W/kg

Maximum value of SAR (measured) = 1.62 W/kg



Test Laboratory: BTL,Inc

Date: 2020/1/5

L571_LTE B41_QPSK20M_CH40140_1RB_Front Face_1.0cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, Generic LTE (0);

Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.001$ S/m; $\epsilon_r = 37.847$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2593 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.521 W/kg

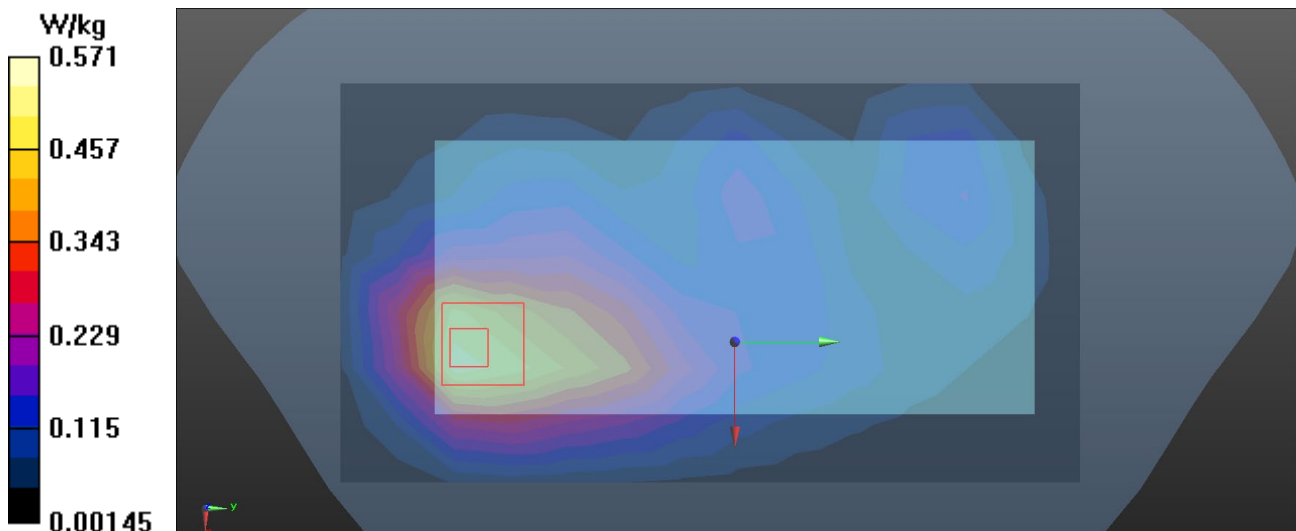
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.794 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.704 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.571 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/7

L595_LTE B41_QPSK20M_CH40440_1RB_Rear Face_1.0cm_Ant Up_SIM 1_Battery 1

DUT: Mobile phone;

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2575 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2575 \text{ MHz}$; $\sigma = 1.992 \text{ S/m}$; $\epsilon_r = 38.694$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2575 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM v5.0_Right; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.872 W/kg

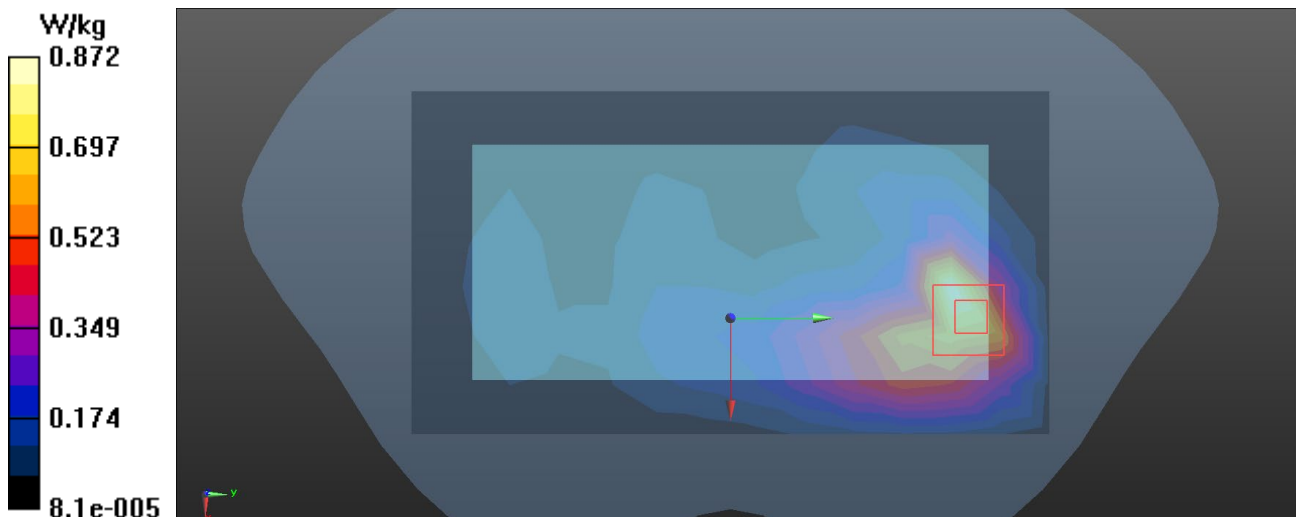
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.023 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



Test Laboratory: BTL Inc.

Date: 2021/1/4

L623_LTE B66_QPSK20M_CH132572_1RB_Bottom Side_1.0cm_Ant Down_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770 \text{ MHz}$; $\sigma = 1.414 \text{ S/m}$; $\epsilon_r = 40.065$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

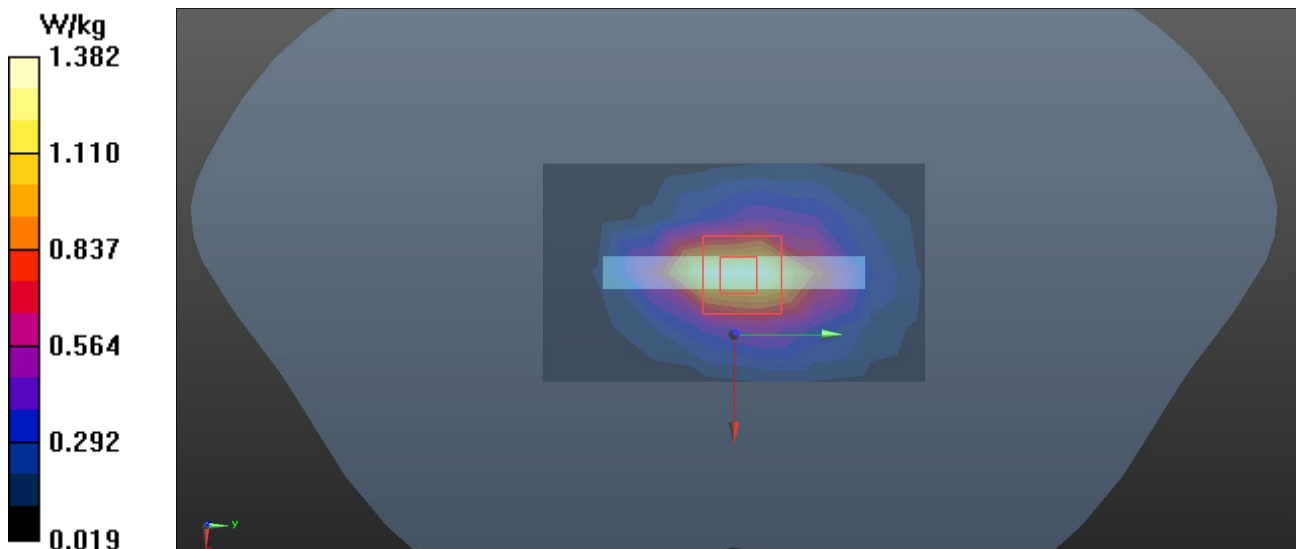
- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1770 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right; Type: Twin SAM; Serial: 1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.38 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.57 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.954 W/kg ; SAR(10 g) = 0.525 W/kg

Maximum value of SAR (measured) = 1.42 W/kg


Test Laboratory: BTL Inc.

Date: 2021/8/31

L641_LTE B66_QPSK20M_CH132572_1RB_Top Side_1.0cm_Ant Up_SIM 1_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 39.837$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(5.21, 5.21, 5.21) @ 1770 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.652 W/kg

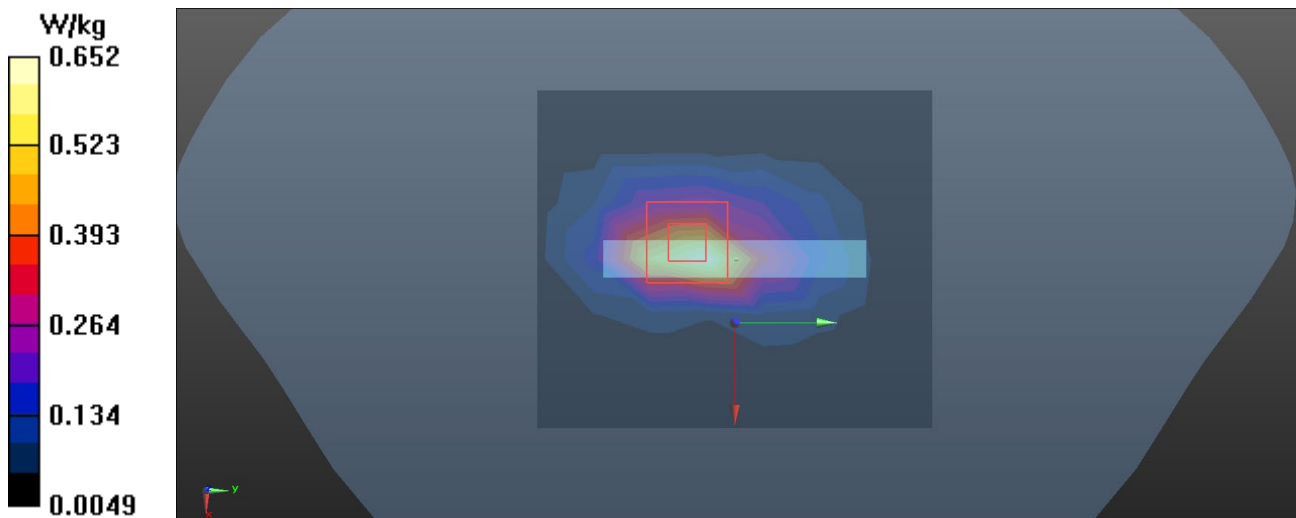
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.83 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.776 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/27

W65_802.11b_CH1_Top Side_1.0cm_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0);

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.753$ S/m; $\epsilon_r = 39.866$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2412 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.378 W/kg

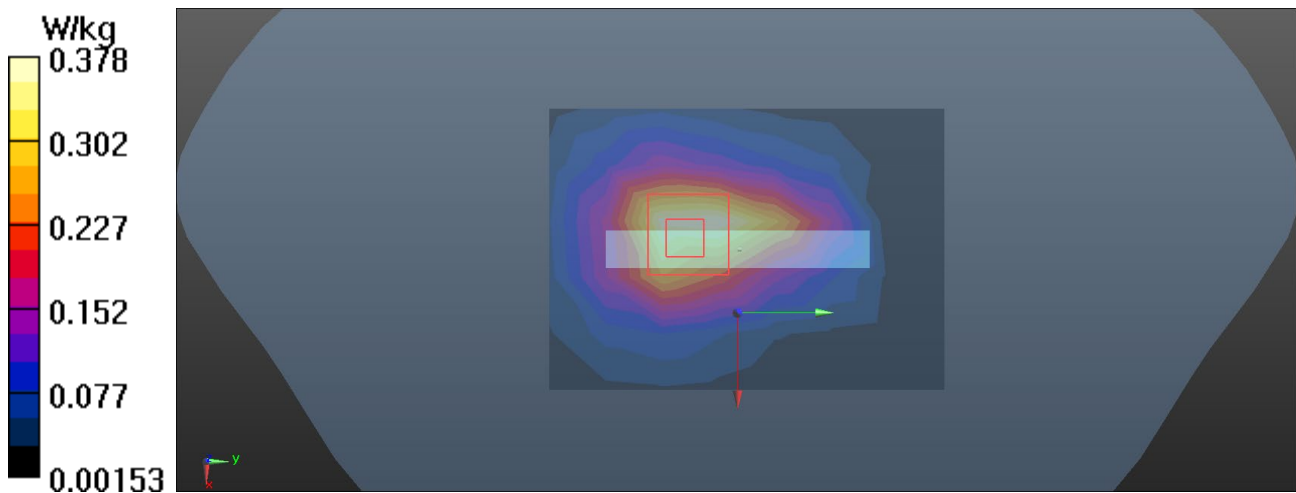
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.09 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.455 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/28

W81_802.11a_CH36_Top Side_1.0cm_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0);

Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.743 \text{ S/m}$; $\epsilon_r = 35.849$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.1 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

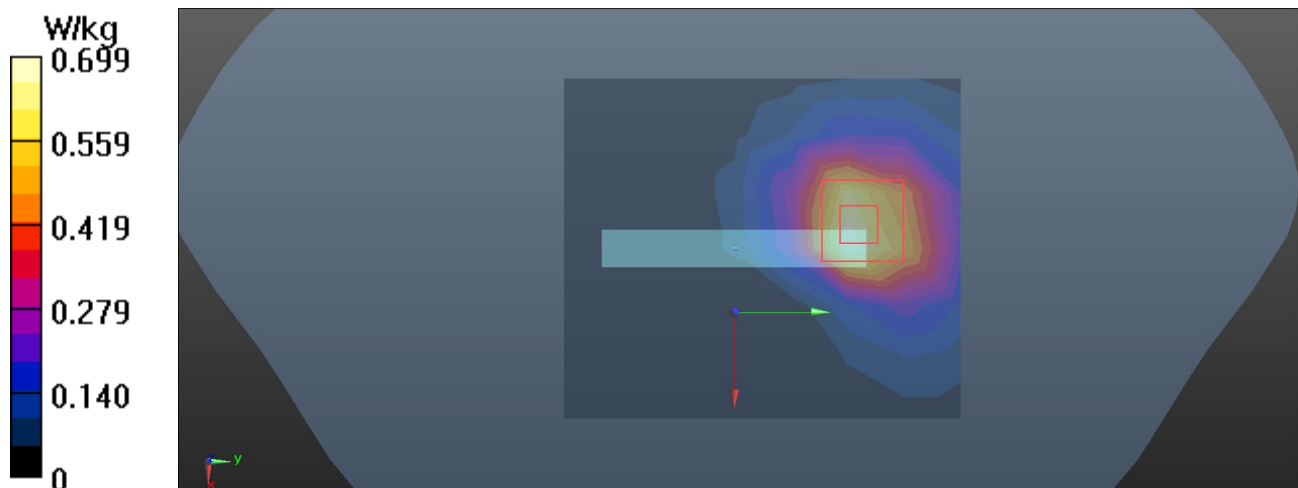
- Probe: EX3DV4 - SN3974; ConvF(5.8, 5.8, 5.8) @ 5180 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x12x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.699 W/kg
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.765 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.418 W/kg ; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.961 W/kg


Test Laboratory: BTL Inc.

Date: 2021/8/28

W109_802.11a_CH157_Rear Face_1.0cm_Battery 1

DUT: Mobile Phone;

Communication System: UID 10317 - AAC, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle);

Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.476 \text{ S/m}$; $\epsilon_r = 34.348$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5785 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.831 W/kg

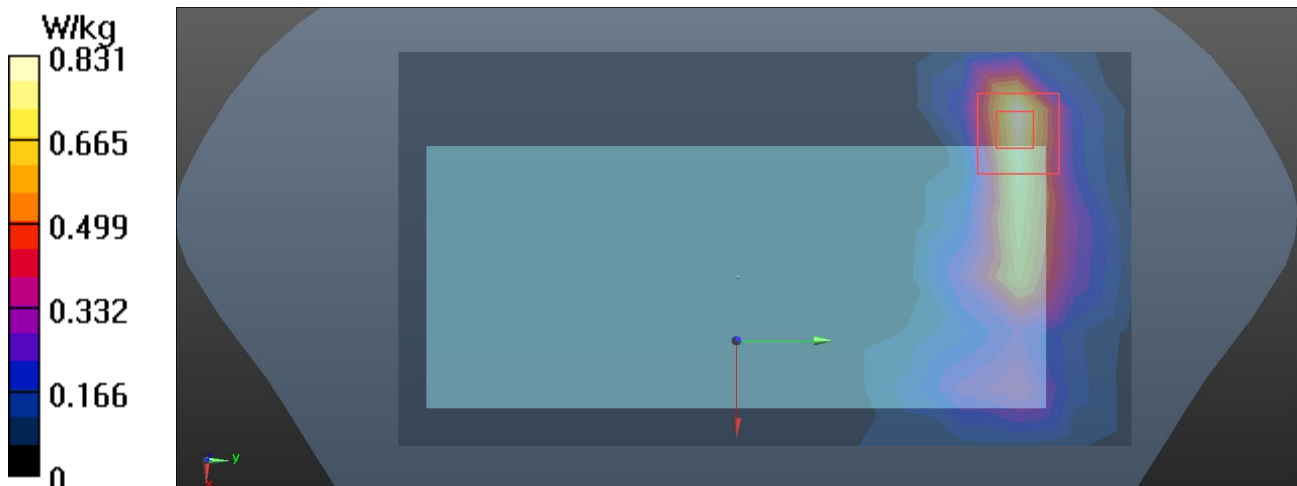
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.159 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



Test Laboratory: BTL,Inc

Date: 2021/8/27

W72_BT DH5_CH39_Front Face_0cm_Battery 1

DUT: Mobile Phone;

Communication System: UID 0, BT (0);

Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.779$ S/m; $\epsilon_r = 39.757$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2441 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.675 W/kg

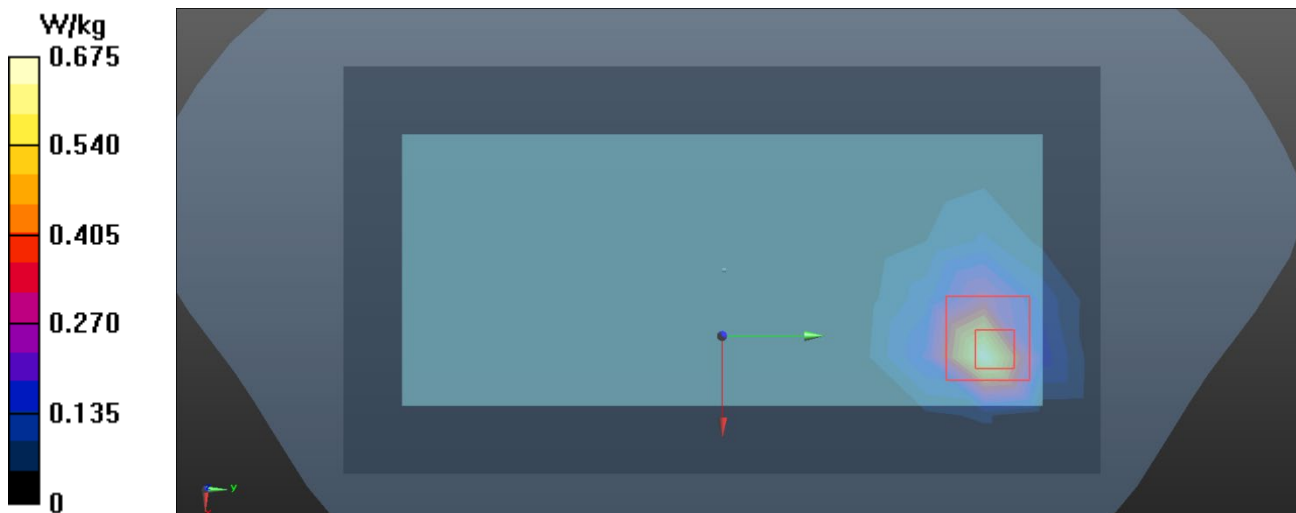
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.2030 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.641 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/28

W91_802.11ac VHT20_CH60_Top Side_0cm_Battery 1

DUT: Mobile Phone;

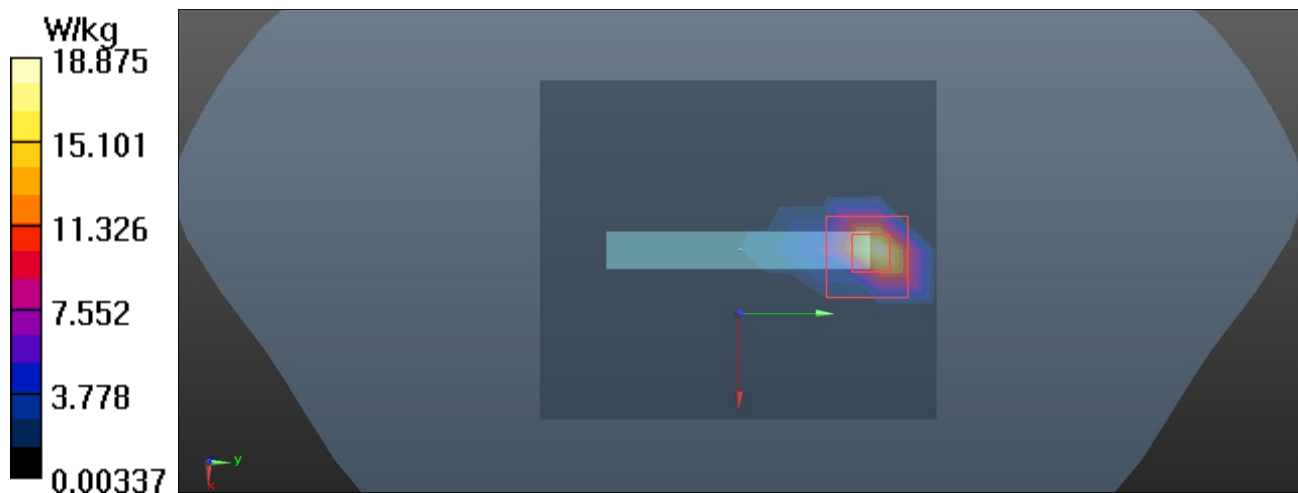
Communication System: UID 10607 - AAB, IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle);
Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5300$ MHz; $\sigma = 4.892$ S/m; $\epsilon_r = 35.537$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.8, 5.8, 5.8) @ 5300 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 18.9 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 15.90 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 36.3 W/kg
SAR(1 g) = 6.18 W/kg; SAR(10 g) = 1.4 W/kg
Maximum value of SAR (measured) = 22.6 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/28

W101_802.11a_CH108_Top Side_0cm_Battery 1

DUT: Mobile Phone;

Communication System: UID 10317 - AAC, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle);

Frequency: 5540 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5540$ MHz; $\sigma = 5.177$ S/m; $\epsilon_r = 34.93$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(4.94, 4.94, 4.94) @ 5540 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 14.6 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 23.98 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 37.9 W/kg

SAR(1 g) = 6.73 W/kg; SAR(10 g) = 1.63 W/kg

Maximum value of SAR (measured) = 18.6 W/kg

