

Test Laboratory: BTL Inc.

Date: 2021/10/28

G03_GSM 850_GSM_CH190_Left Cheek_Ant Down_SIM 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; $\sigma = 0.939$ S/m; $\epsilon_r = 42.571$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 836.6 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.208 W/kg

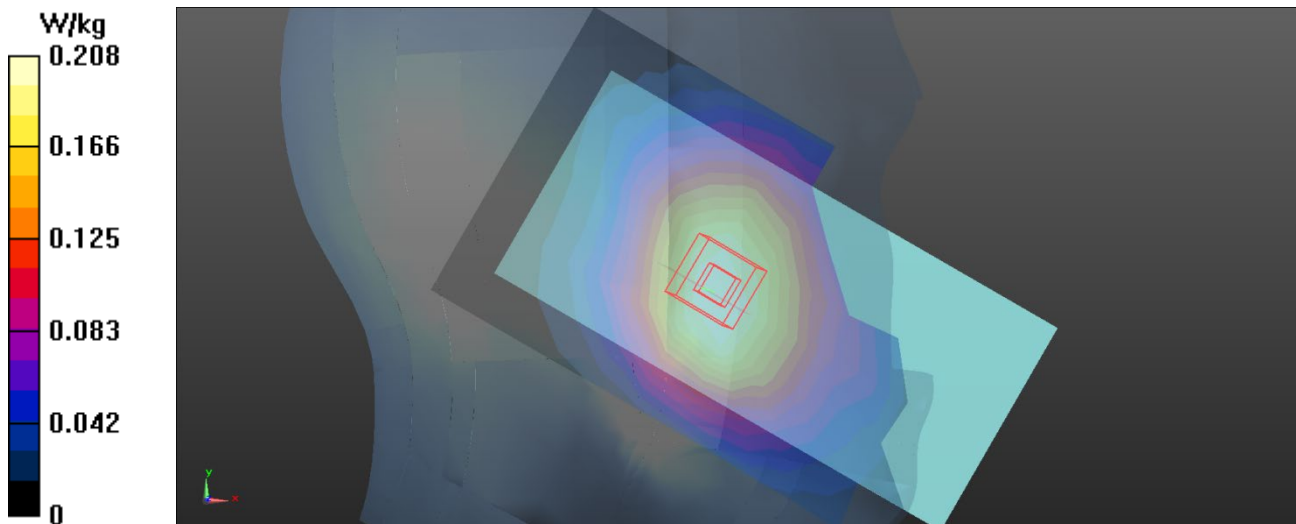
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.340 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.216 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/28

G07_GSM 850_GSM_CH190_Right Cheek_Ant Up_SIM 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; $\sigma = 0.939$ S/m; $\epsilon_r = 42.571$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 836.6 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.619 W/kg

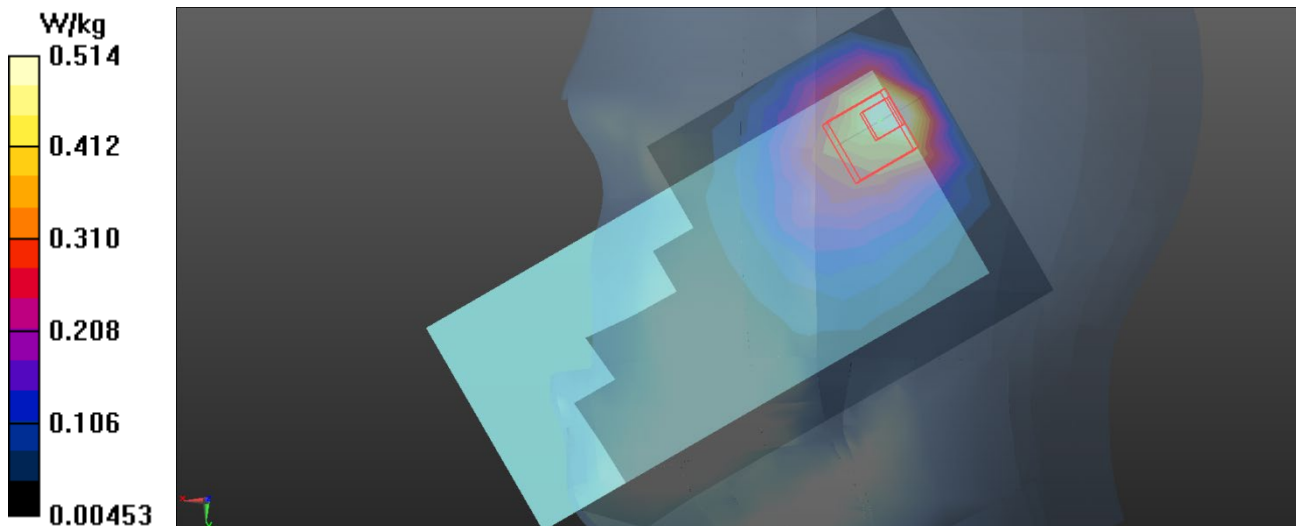
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.99 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.514 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/29

G15_GSM 1900_GSM_CH661_Left Cheek_Ant Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.321 \text{ S/m}$; $\epsilon_r = 40.98$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

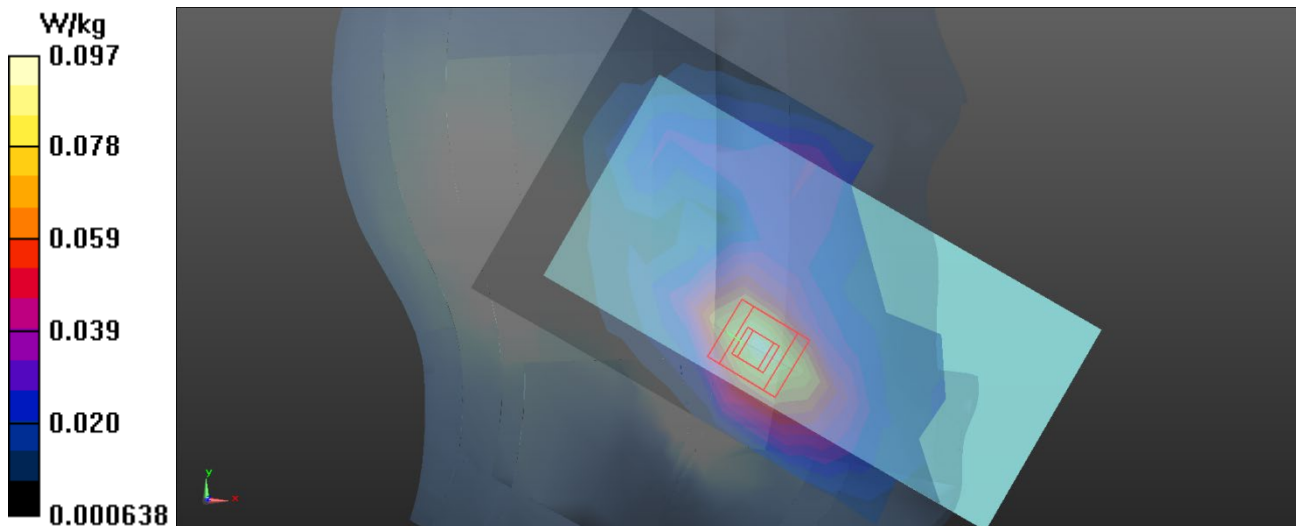
- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.0970 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.437 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.069 W/kg ; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0971 W/kg


Test Laboratory: BTL Inc.

Date: 2021/10/29

G20_GSM 1900_GSM_CH661_Right Tilted_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.321 \text{ S/m}$; $\epsilon_r = 40.98$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

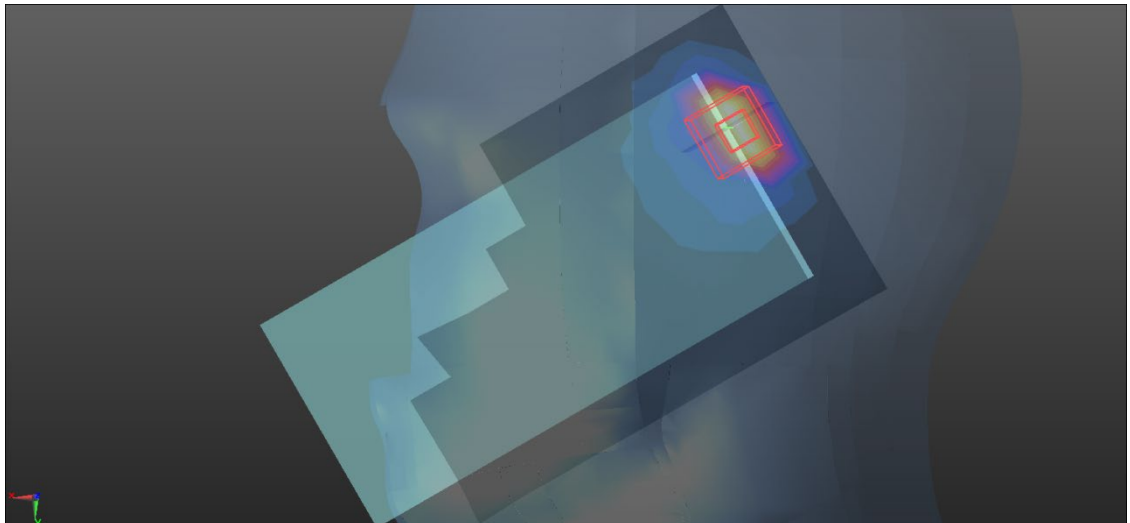
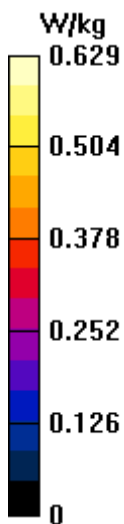
- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.629 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.42 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.937 W/kg
SAR(1 g) = 0.419 W/kg ; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.769 W/kg


Test Laboratory: BTL Inc.

Date: 2021/10/29

U03_UMTS B2_RMC12.2K_CH9400_Left Cheek_ANT Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.321$ S/m; $\epsilon_r = 40.98$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °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; Type: QD000P40CD; Serial: S/N: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) = 0.196 W/kg

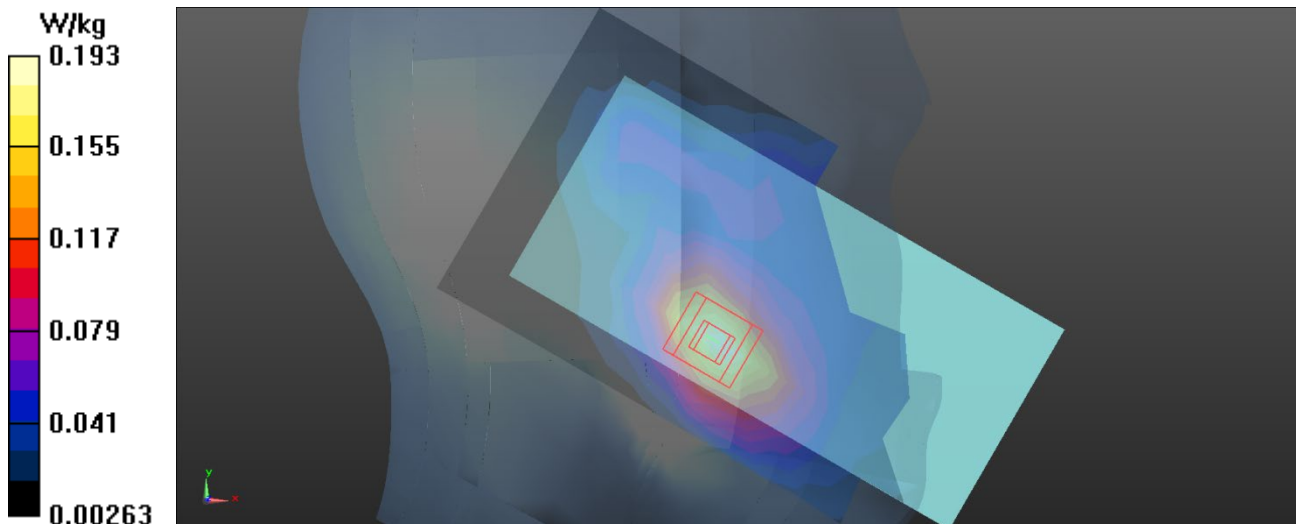
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.159 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.193 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/29

U08_UMTS B2_RMC12.2K_CH9400_Right Tilted_ANT Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.321$ S/m; $\epsilon_r = 40.98$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °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; Type: QD000P40CD; Serial: S/N: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) = 1.03 W/kg

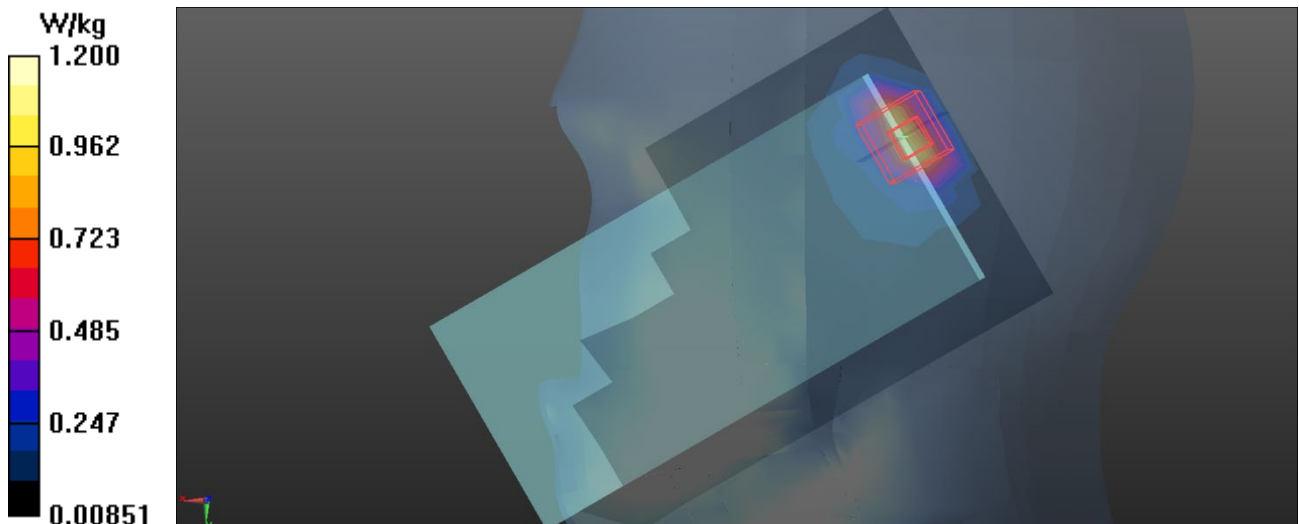
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.82 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/30

U15_UMTS B4_RMC12.2K_CH1413_Left Cheek_Ant Down_SIM 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; $\sigma = 1.363$ S/m; $\epsilon_r = 38.69$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.6 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: Twin SAM V5.0; 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) = 0.128 W/kg

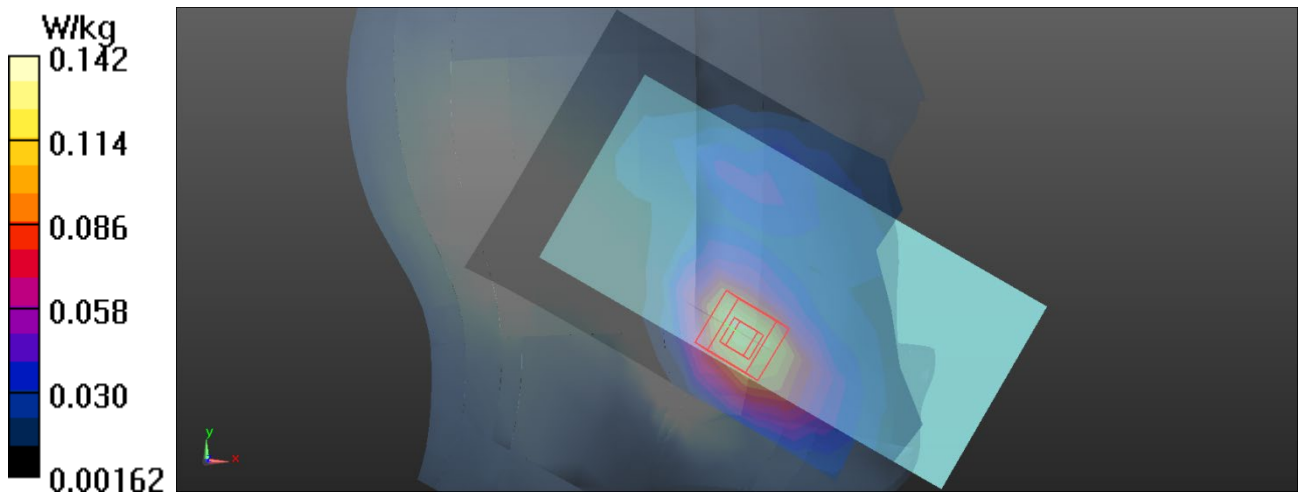
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.760 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.142 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/30

U23_UMTS B4_RMC12.2K_CH1413_Right Tilted_Ant Up_SIM 2

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; $\sigma = 1.363$ S/m; $\epsilon_r = 38.69$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.6 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: Twin SAM V5.0; 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) = 0.797 W/kg

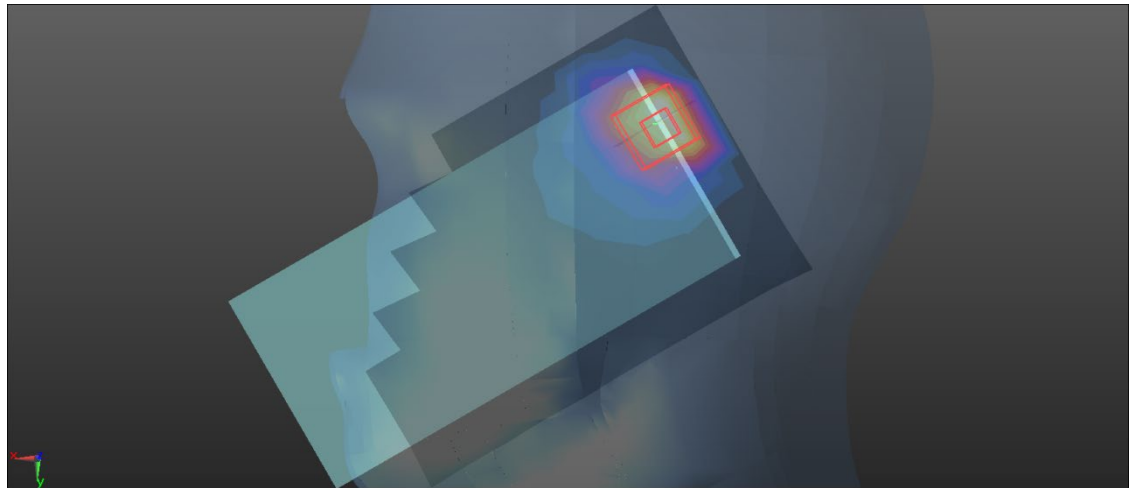
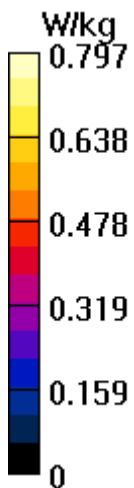
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.38 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.398 W/kg

Maximum value of SAR (measured) = 1.57 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/28

U27_UMTS B5_RMC12.2K_CH4182_Left Cheek_Ant Down_SIM 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; $\sigma = 0.939$ S/m; $\epsilon_r = 42.572$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 836.4 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.154 W/kg

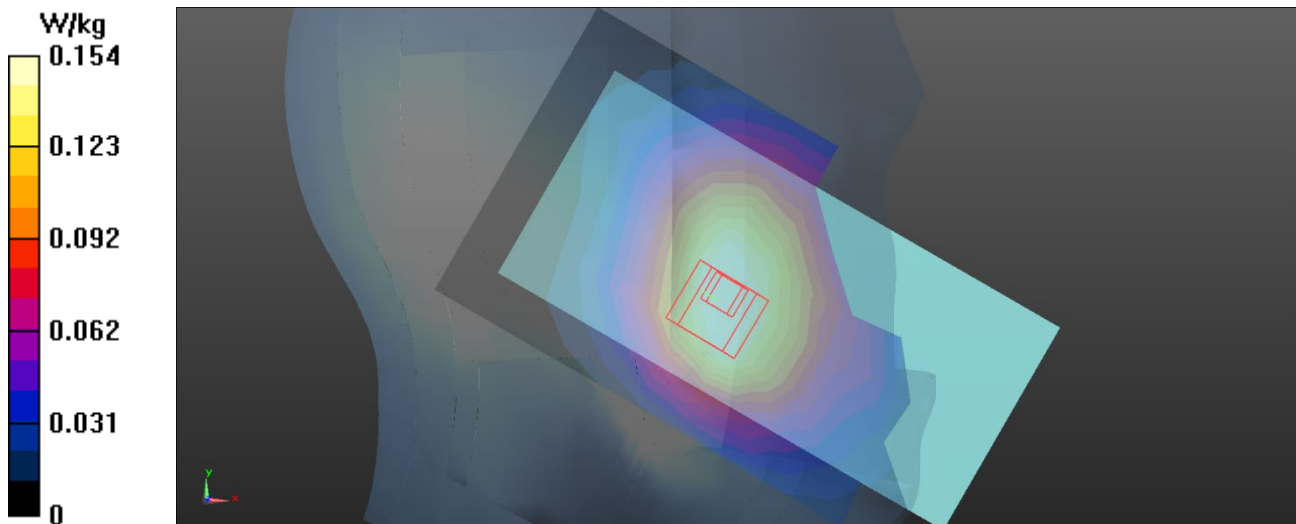
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.510 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.172 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/28

U31_UMTS B5_RMC12.2K_CH4182_Right Cheek_Ant Up_SIM 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; $\sigma = 0.939$ S/m; $\epsilon_r = 42.572$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 836.4 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 1.01 W/kg

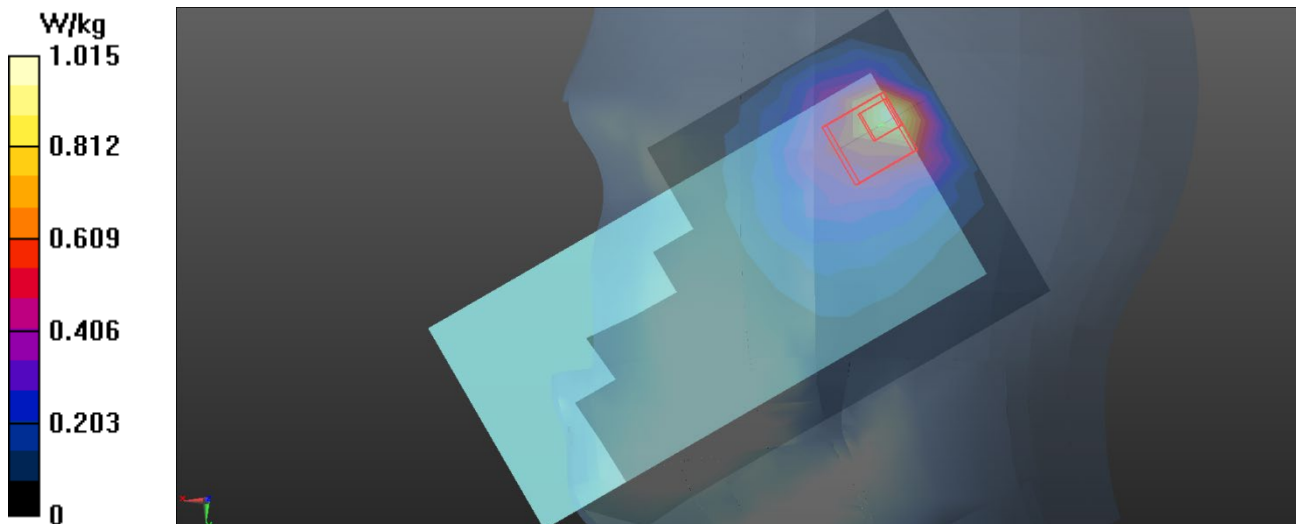
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.33 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.860 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/4

L03_LTE B2_QPSK20M_CH18900_1RB_Left Cheek_Ant Down_SIM 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; $\sigma = 1.34$ S/m; $\epsilon_r = 40.07$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.99, 4.99, 4.99) @ 1880 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: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.166 W/kg

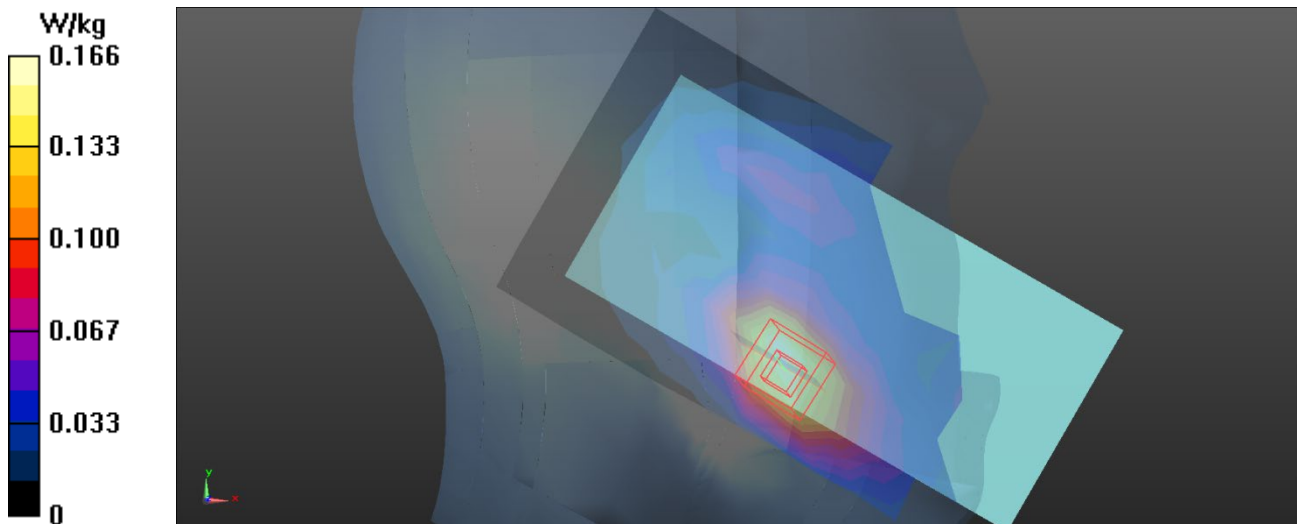
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.608 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.180 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/4

L16_LTE B2_QPSK20M_CH18700_50RB_Right Tilted_Ant Up_SIM 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);

Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1860$ MHz; $\sigma = 1.323$ S/m; $\epsilon_r = 40.106$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.99, 4.99, 4.99) @ 1860 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: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.825 W/kg

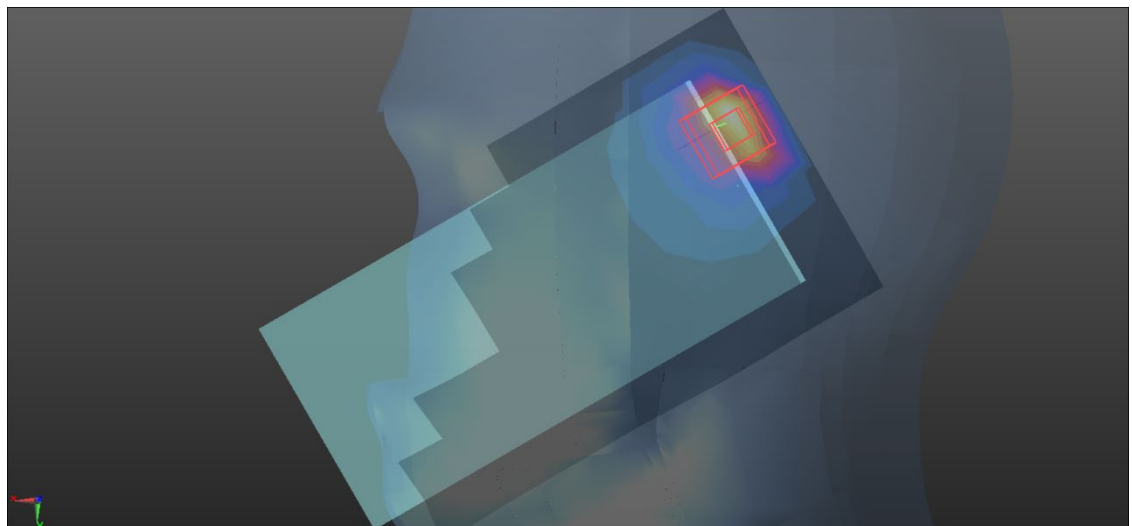
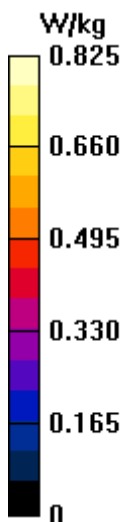
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.12 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 0.997 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/3

L29_LTE B4_QPSK20M_CH20175_1RB_Left Cheek_Ant Down_SIM 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; $\sigma = 1.375$ S/m; $\epsilon_r = 39.789$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.5 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.262 W/kg

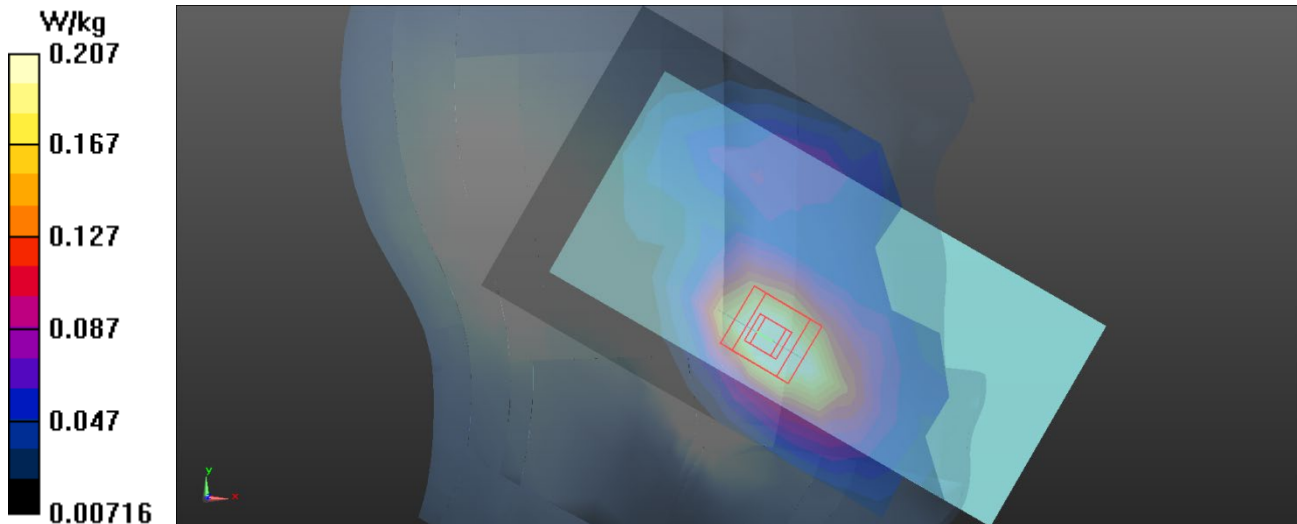
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.861 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.118 W/kg

Maximum value of SAR (measured) = 0.207 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/3

L36_LTE B4_QPSK20M_CH20050_50RB_Right Tilted_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.362$ S/m; $\epsilon_r = 39.841$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1720 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 1.14 W/kg

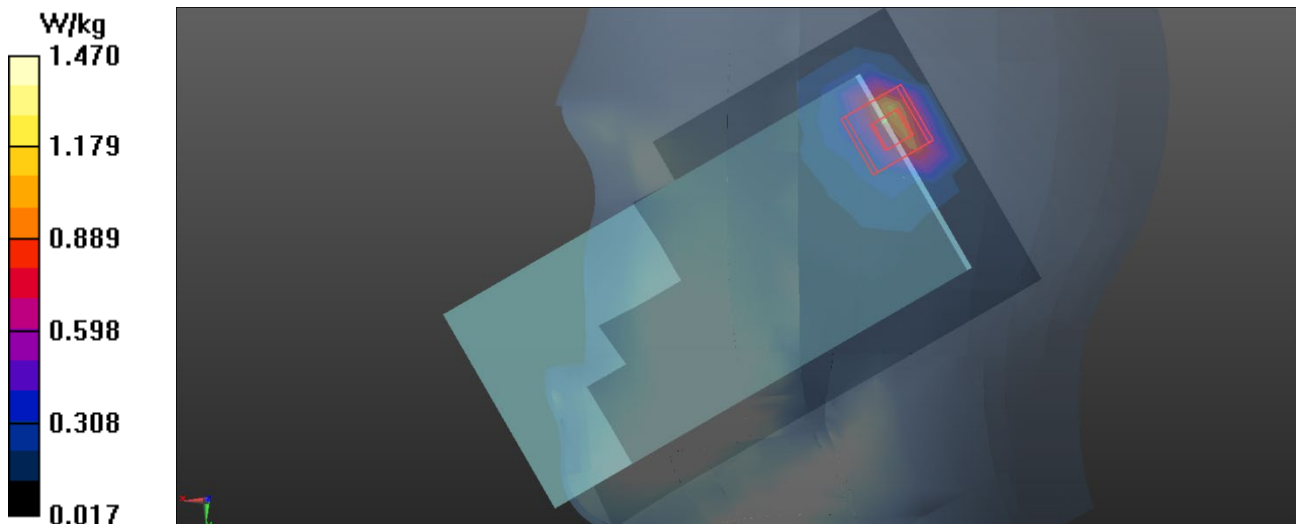
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.32 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.385 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/11/1

L43_LTE B5_QPSK10M_CH20525_1RB_Left Cheek_Ant Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.946$ S/m; $\epsilon_r = 41.959$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 836.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.223 W/kg

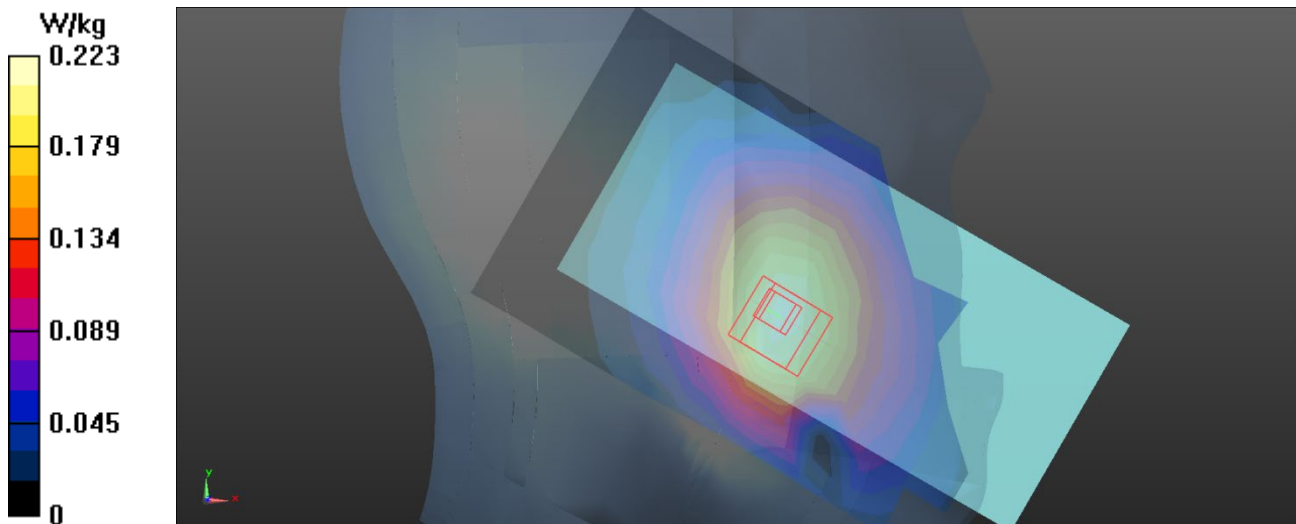
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.332 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 0.222 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/1

L51_LTE B5_QPSK10M_CH20525_1RB_Right Cheek_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.946$ S/m; $\epsilon_r = 41.959$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 836.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.626 W/kg

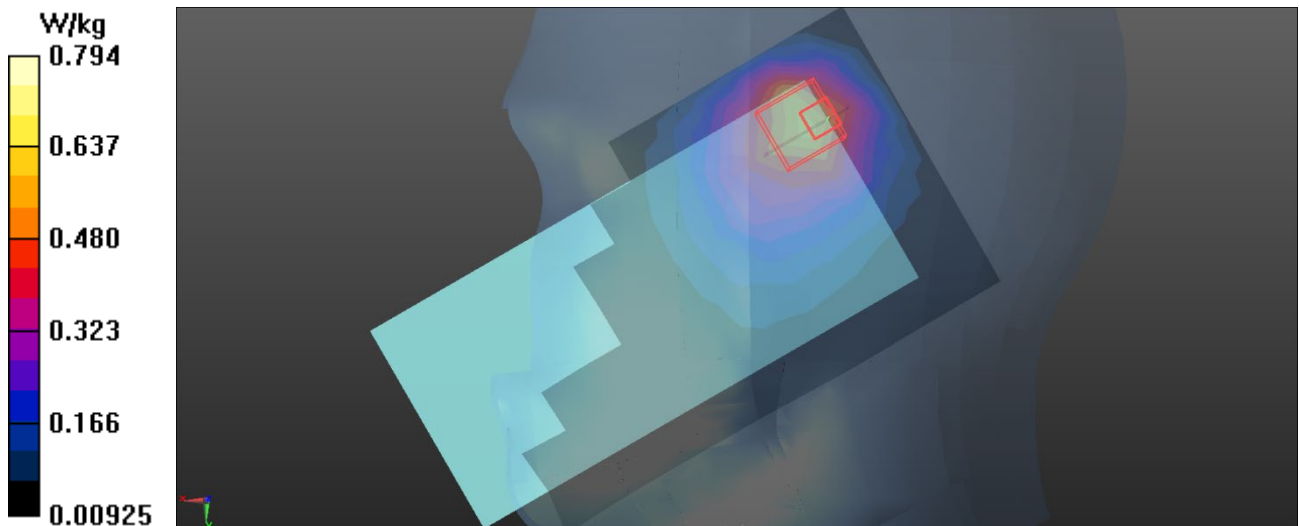
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.95 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 0.794 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/5

L61_LTE B7_QPSK20M_CH21100_1RB_Right Cheek_Ant Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.904$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

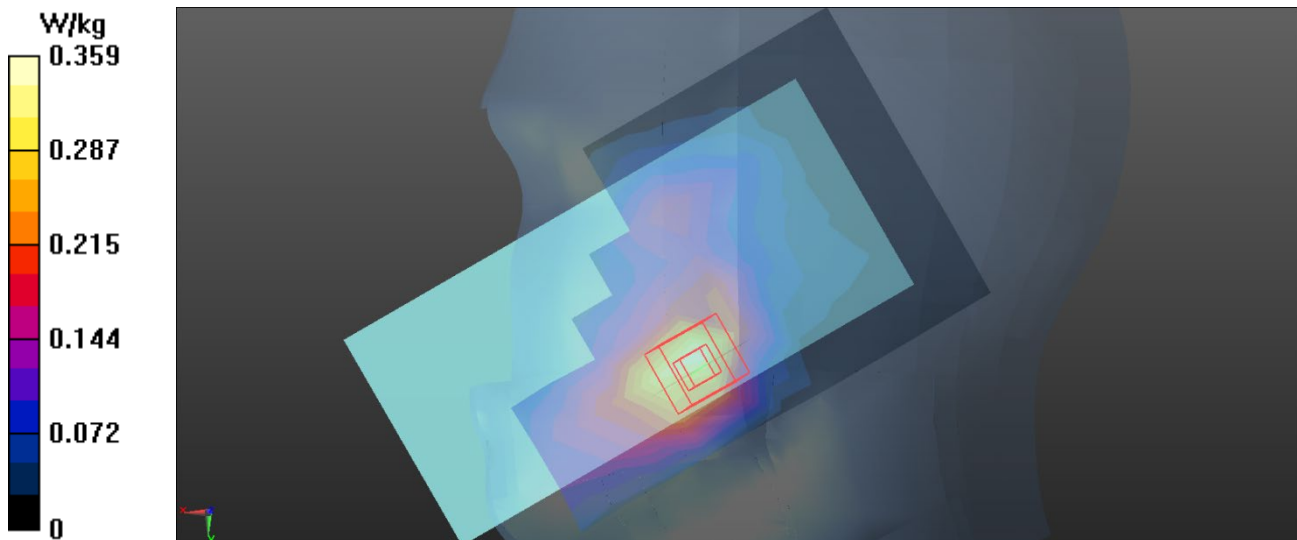
- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2535 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.359 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.991 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.477 W/kg
SAR(1 g) = 0.257 W/kg ; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.391 W/kg


Test Laboratory: BTL.Inc

Date: 2021/11/5

L76_LTE B7_QPSK20M_CH21100_50RB_Right Tilted_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.904$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

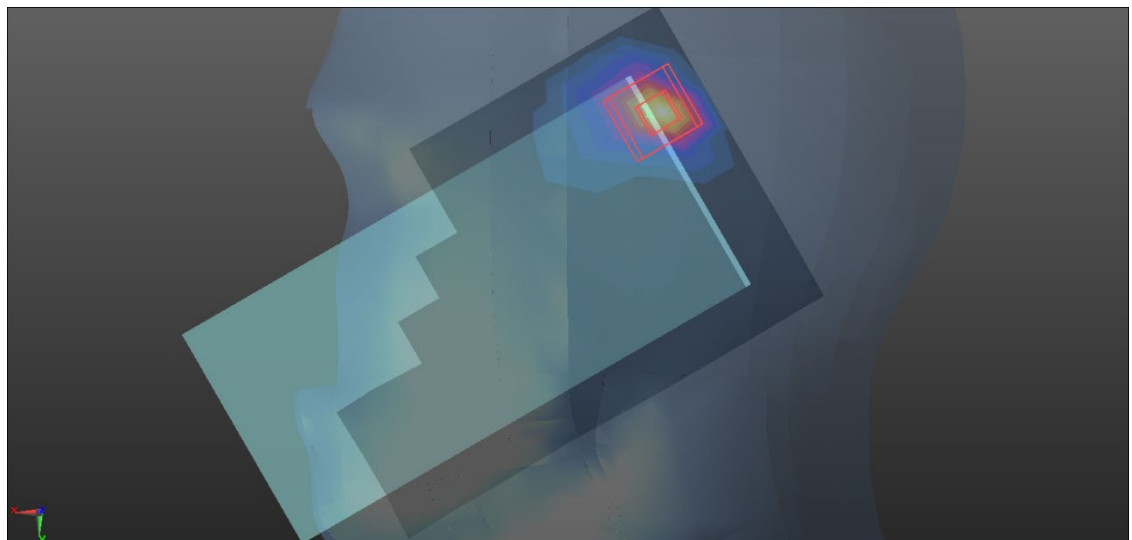
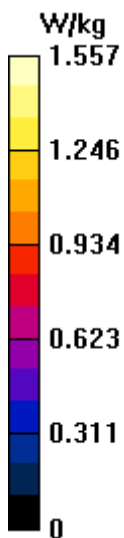
- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2535 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.56 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.054 V/m ; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 0.760 W/kg ; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 1.54 W/kg


Test Laboratory: BTL Inc.

Date: 2021/11/9

L89_LTE B12_QPSK10M_CH23095_1RB_Right Cheek_Ant Down_SIM 2

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; $\sigma = 0.862$ S/m; $\epsilon_r = 42.859$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 707.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.137 W/kg

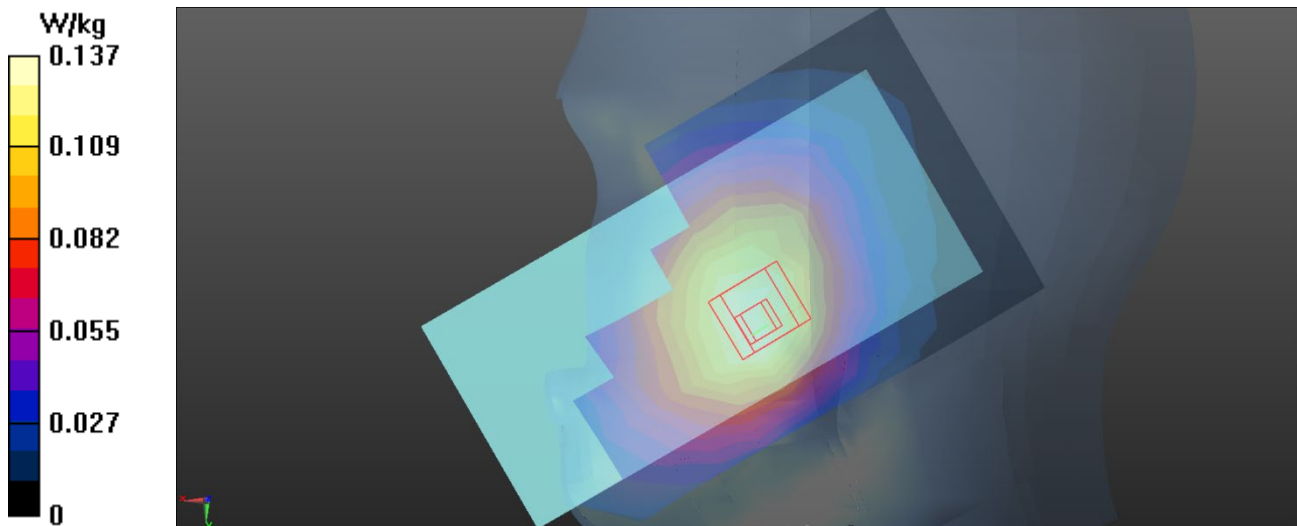
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.125 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.140 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/8

L91_LTE B12_QPSK10M_CH23095_1RB_Right Cheek_Ant Up_SIM 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; $\sigma = 0.862$ S/m; $\epsilon_r = 42.859$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 707.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.114 W/kg

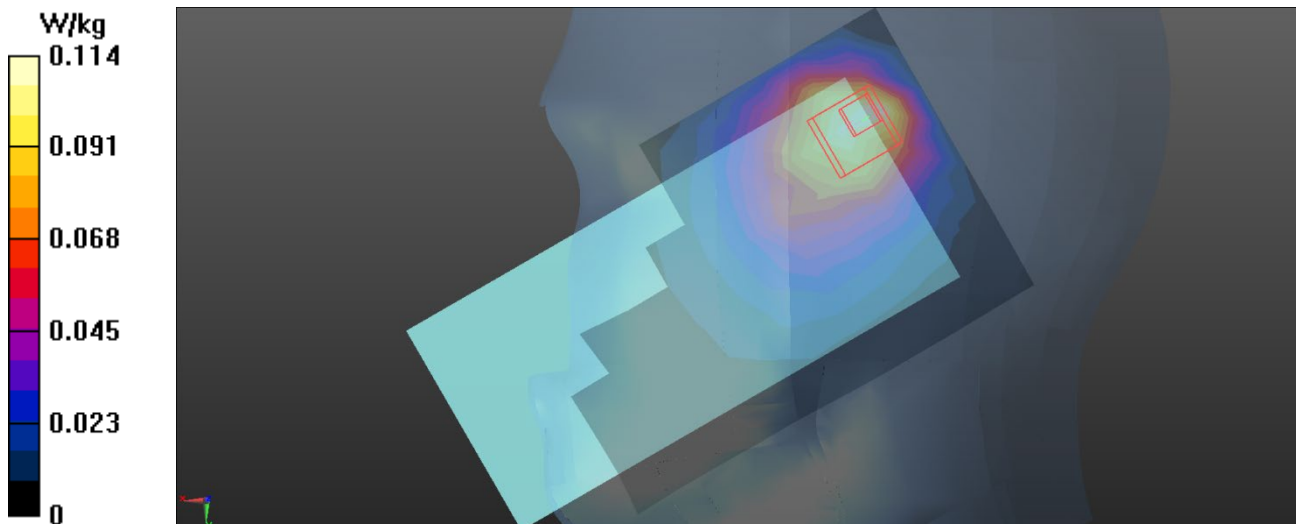
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.639 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.150 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/9

L109_LTE B17_QPSK10M_CH23790_1RB_Right Cheek_Ant Down_SIM 2

DUT: Mobile Phone;

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

Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.864 \text{ S/m}$; $\epsilon_r = 42.836$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.3 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

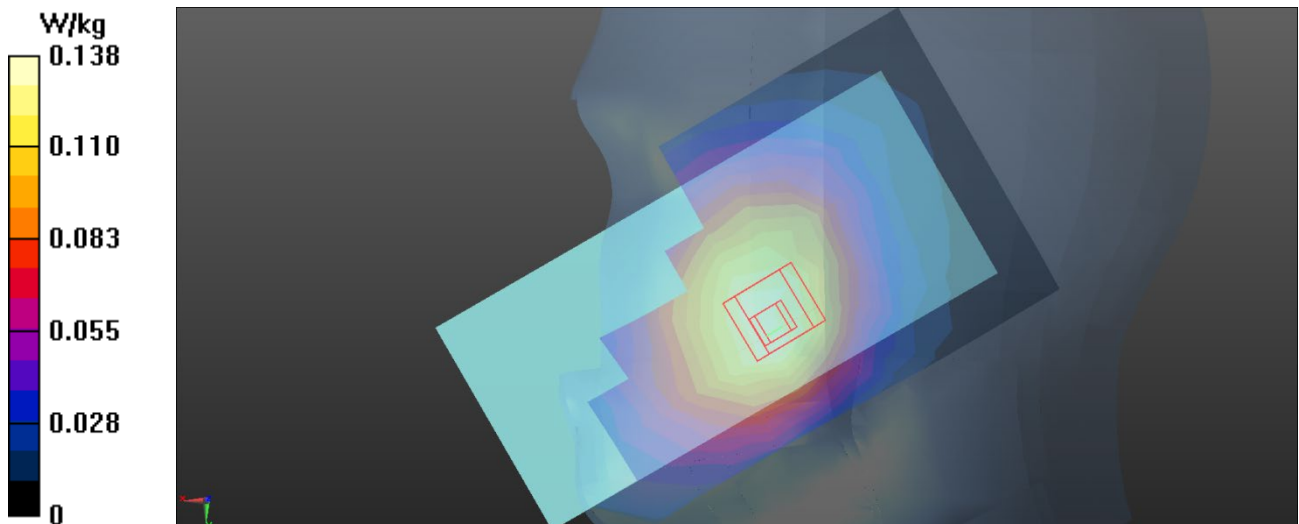
- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 710 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.138 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.210 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.130 W/kg ; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.142 W/kg


Test Laboratory: BTL Inc.

Date: 2021/11/8

L111_LTE B17_QPSK10M_CH23790_1RB_Right Cheek_Ant Up_SIM 1

DUT: Mobile Phone;

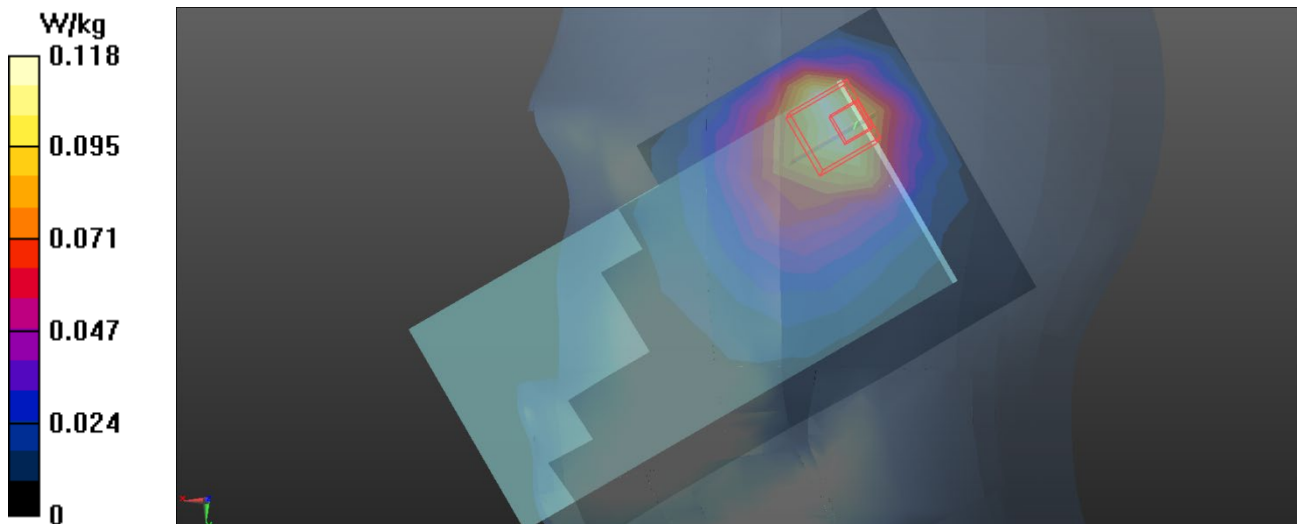
Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0);
 Frequency: 710 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.864 \text{ S/m}$; $\epsilon_r = 42.836$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature: $23.4 \text{ }^\circ\text{C}$; Liquid Temperature: $22.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 710 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 (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.118 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 8.207 V/m ; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.311 W/kg
SAR(1 g) = 0.120 W/kg ; SAR(10 g) = 0.063 W/kg
 Maximum value of SAR (measured) = 0.157 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/1

L129_LTE B26_QPSK15M_CH26765_1RB_Left Cheek_Ant Down_SIM 2

DUT: Mobile Phone;

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

Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 42.04$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 835 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.210 W/kg

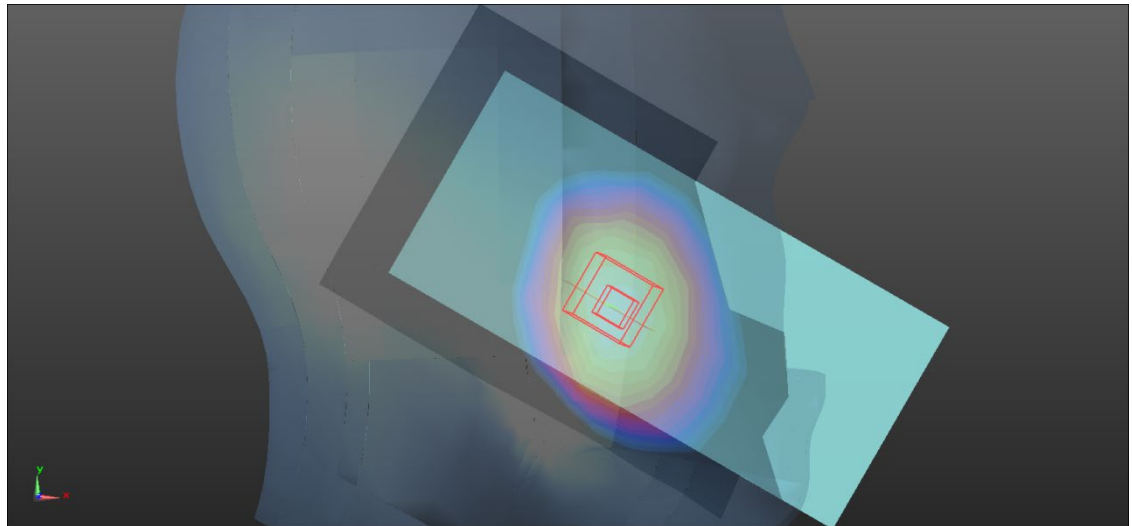
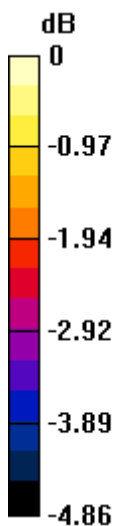
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.299 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.210 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/1

L131_LTE B26_QPSK15M_CH26765_1RB_Right Cheek_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 821.5 \text{ MHz}$; $\sigma = 0.935 \text{ S/m}$; $\epsilon_r = 42.04$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.3 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

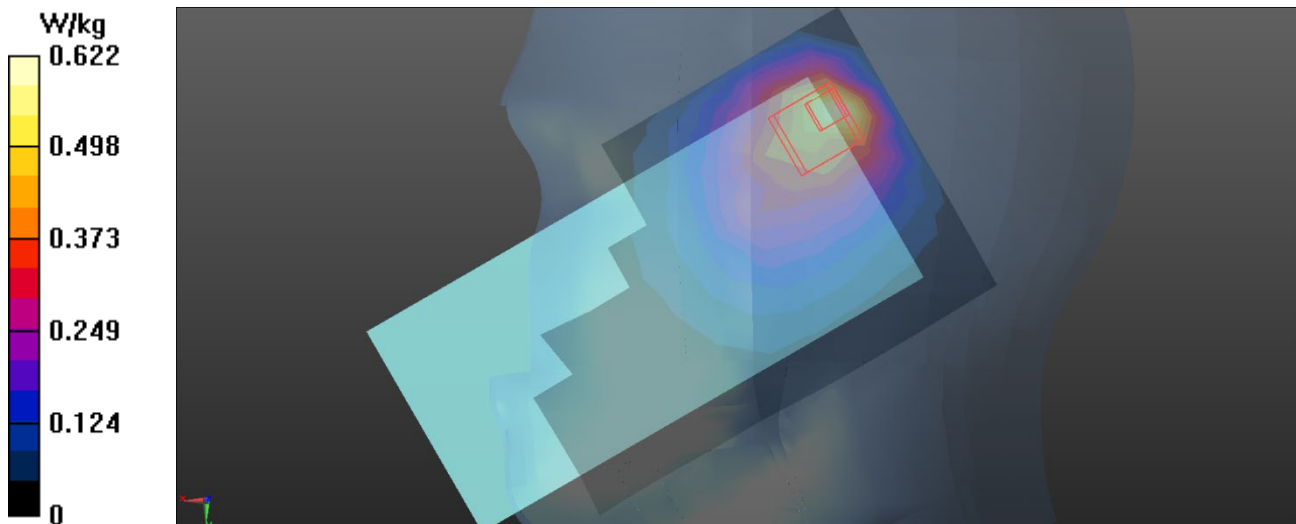
- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 835 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.622 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.02 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.533 W/kg ; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.691 W/kg


Test Laboratory: BTL,Inc

Date: 2021/11/5

L141_LTE B38_QPSK20M_CH38150_1RB_Right Cheek_Ant Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2610$ MHz; $\sigma = 2.022$ S/m; $\epsilon_r = 38.559$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2610 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.187 W/kg

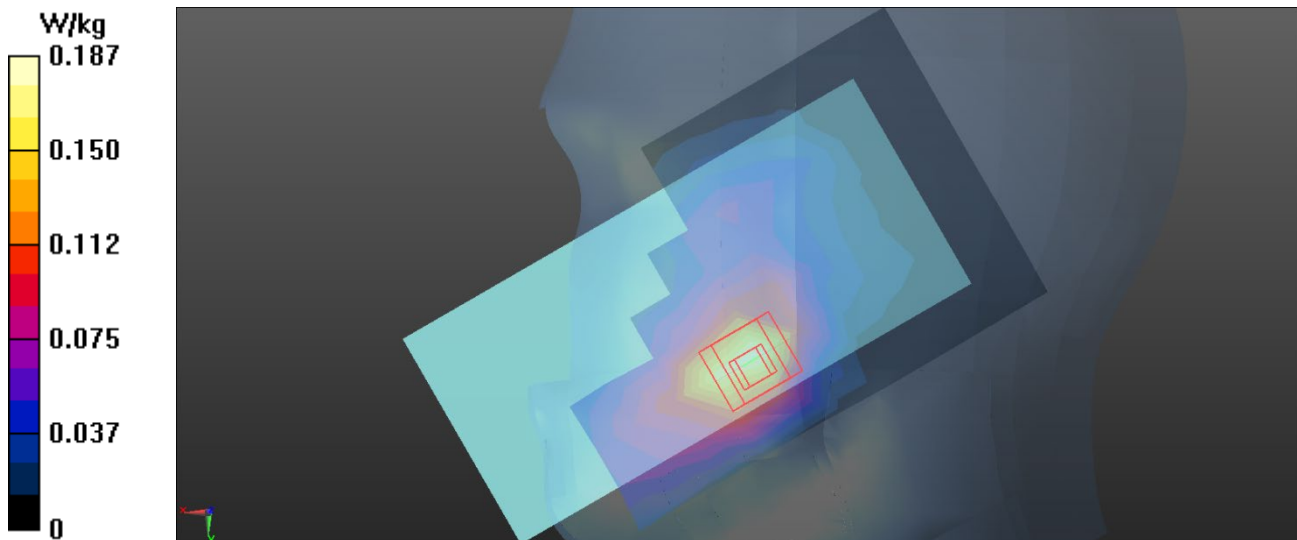
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.267 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.066 W/kg

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



Test Laboratory: BTL,Inc

Date: 2021/11/5

L152_LTE B38_QPSK20M_CH38150_1RB_Right Tilted_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2610$ MHz; $\sigma = 2.022$ S/m; $\epsilon_r = 38.559$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2610 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.36 W/kg

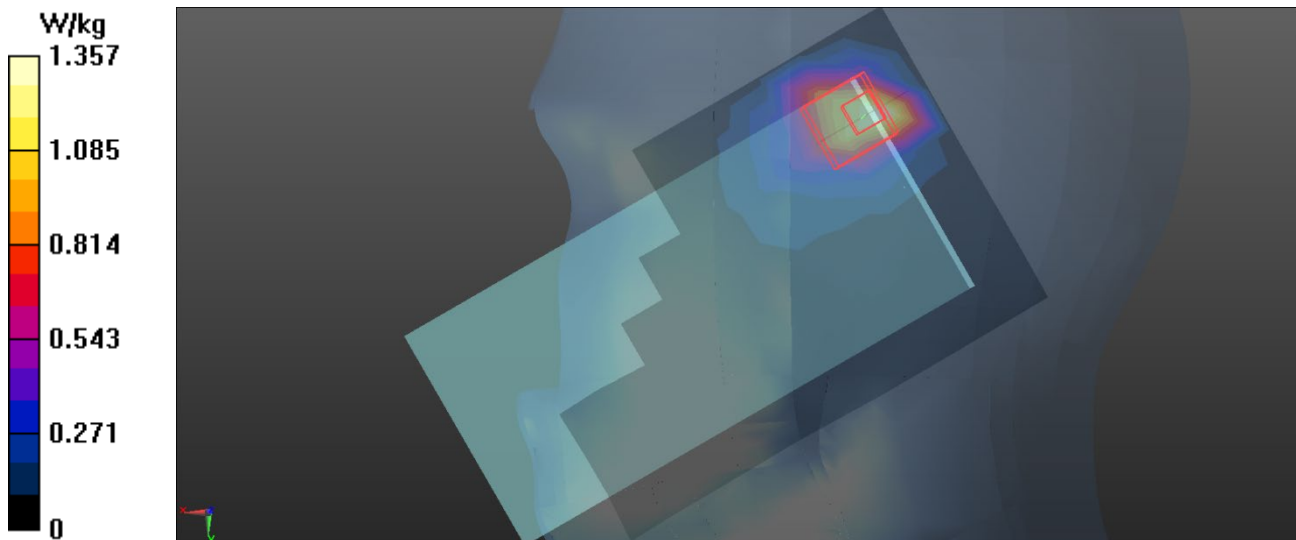
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.730 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.45 W/kg

SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.377 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



Test Laboratory: BTL,Inc

Date: 2021/11/5

L189_LTE B41_QPSK20M_CH39750_1RB_Right Cheek_Ant Down_SIM 2

DUT: Mobile Phone;

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

Frequency: 2506 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 39.016$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2506 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

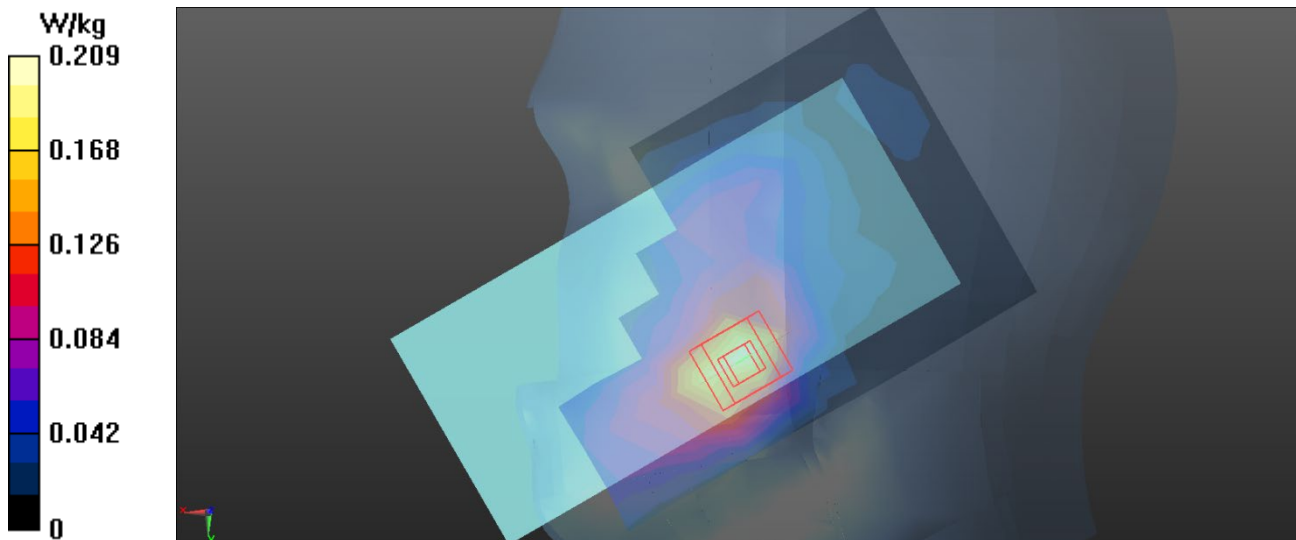
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.331 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.220 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/5

L196_LTE B41_QPSK20M_CH39750_50RB_Right Tilted_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 2506 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 39.016$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(7.35, 7.35, 7.35) @ 2506 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 1.56 W/kg

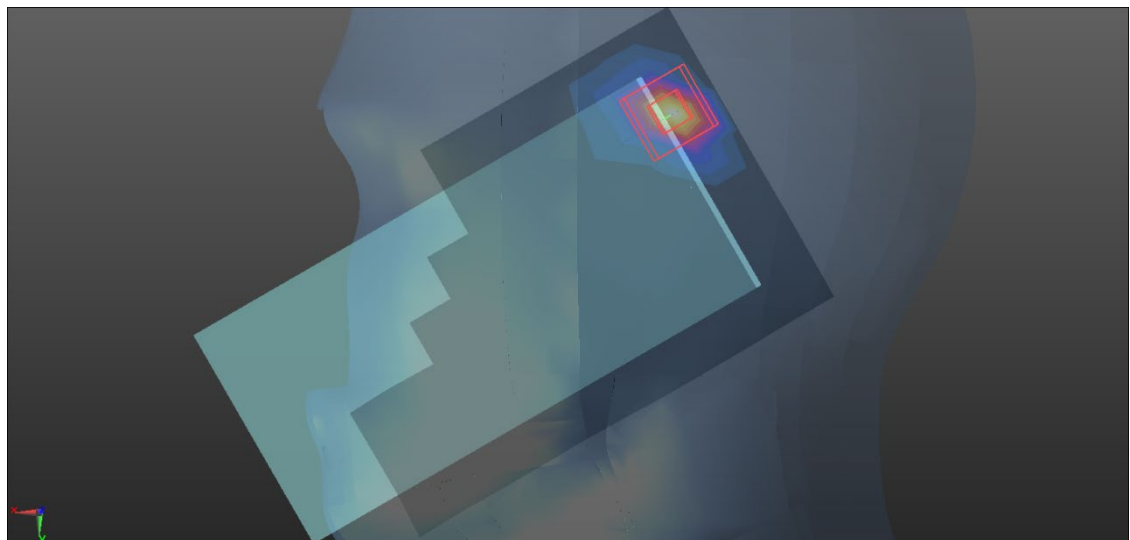
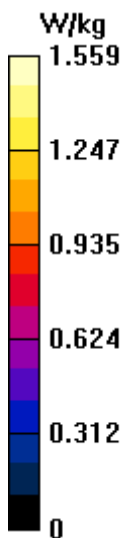
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.790 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/3

L209_LTE B66_QPSK20M_CH132322_50RB_Left Cheek_Ant Down_SIM 2

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; $\sigma = 1.388$ S/m; $\epsilon_r = 39.741$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1745 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.276 W/kg

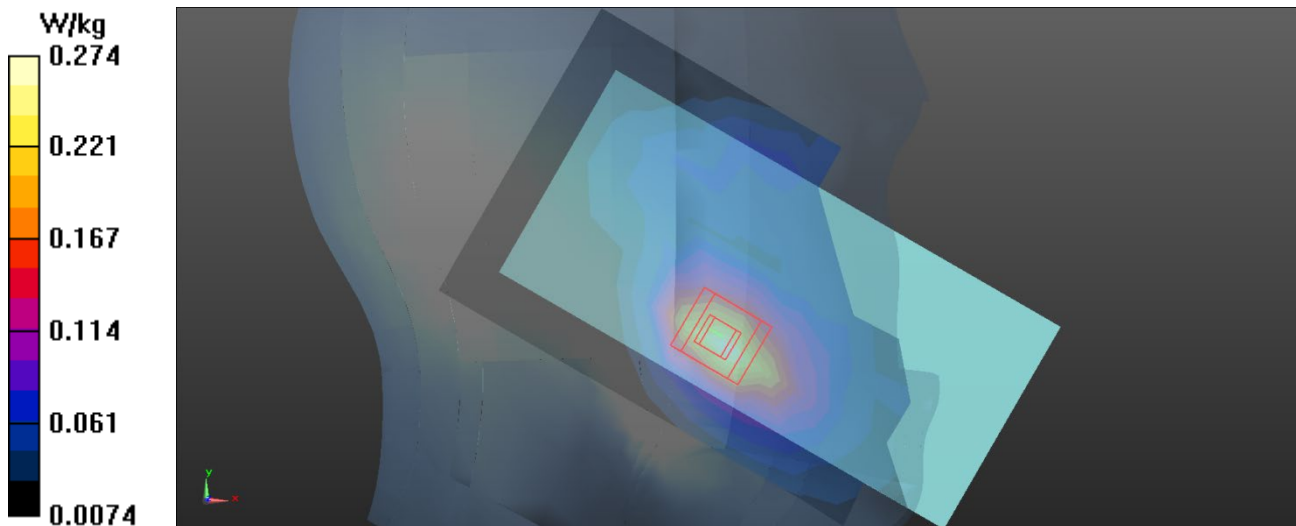
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.384 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.274 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/3

L219_LTE B66_QPSK20M_CH132322_1RB_Right Tilted_Ant Up_SIM 2

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; $\sigma = 1.388$ S/m; $\epsilon_r = 39.741$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1745 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.648 W/kg

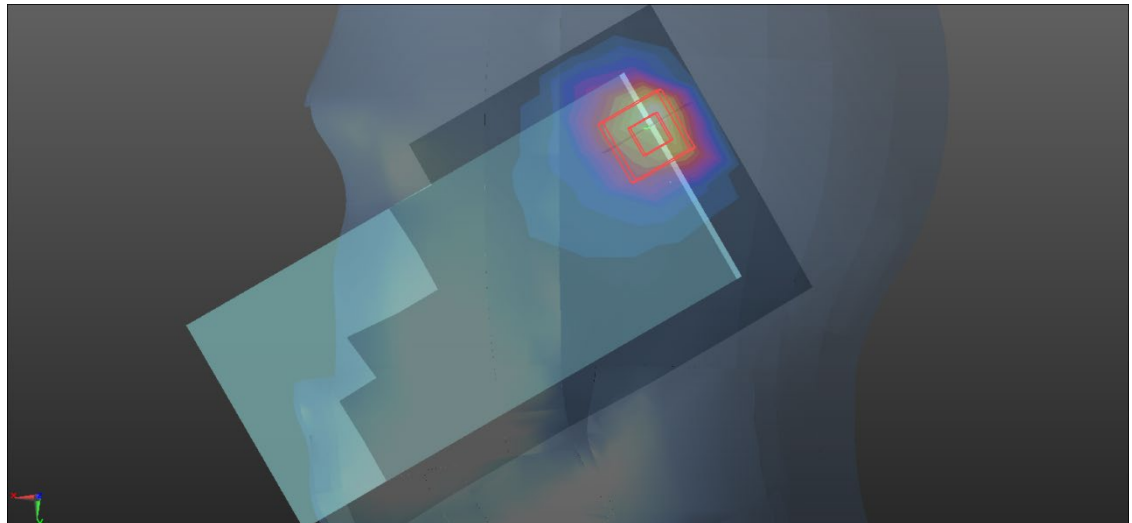
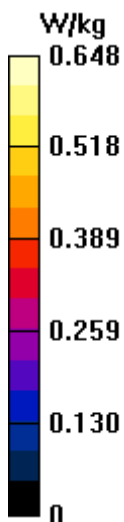
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.97 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/10

W03_802.11b_CH6_Left Cheek

DUT: Mobile Phone;

Communication System: UID 0, 802.11b (0);

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.799$ S/m; $\epsilon_r = 38.473$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2437 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 1.19 W/kg

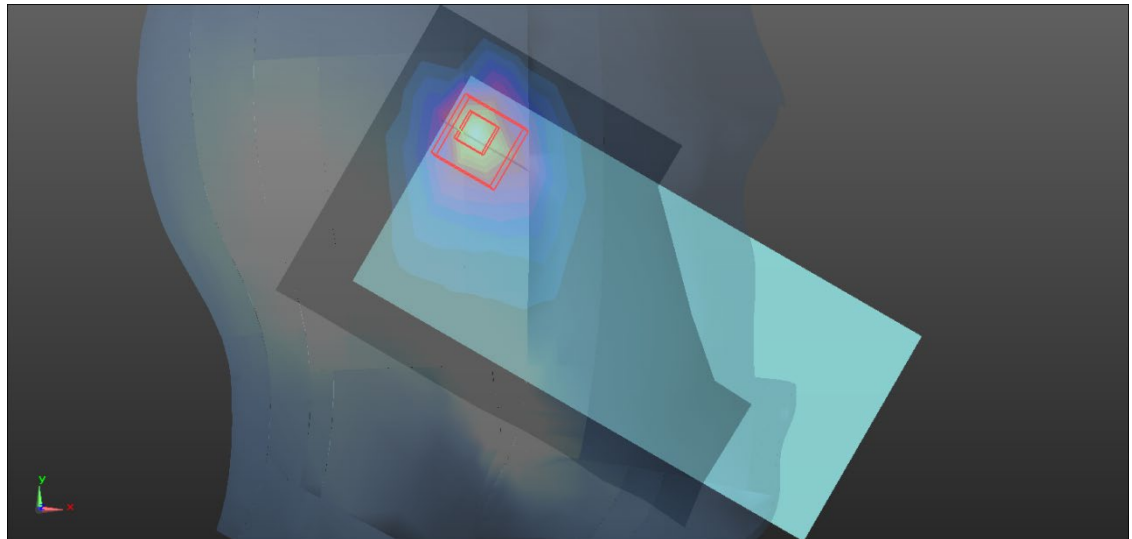
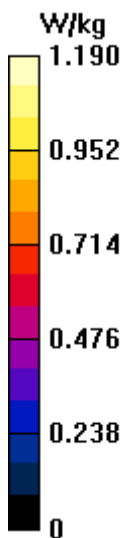
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.92 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



Test Laboratory: BTL,Inc

Date: 2021/11/10

B03_BT DH5_CH0_Left Cheek

DUT: Mobile Phone;

Communication System: UID 0, BT (0);

Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.74$ S/m; $\epsilon_r = 39.864$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2402 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.0950 W/kg

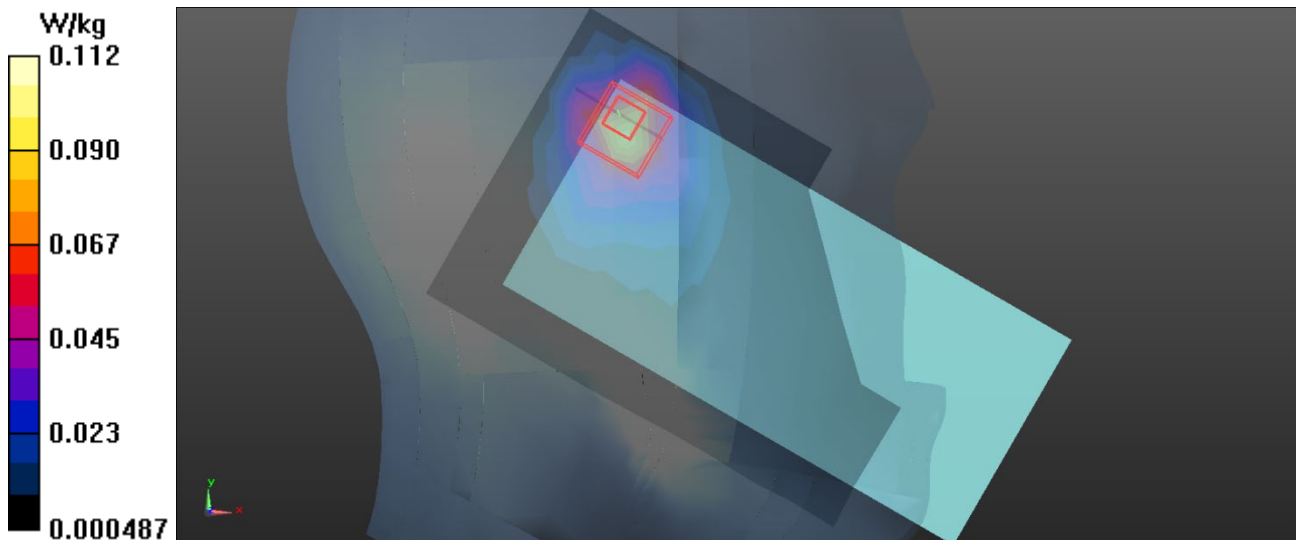
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.274 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.112 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/11

W17_802.11n HT40_CH54_Left Tilted

DUT: Mobile Phone;

Communication System: UID 0, 802.11n (0);

Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5270$ MHz; $\sigma = 4.681$ S/m; $\epsilon_r = 36.151$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.55, 5.55, 5.55) @ 5270 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: SAM Left; Type: Twin SAM; Serial: 1784
- 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) = 0.285 W/kg

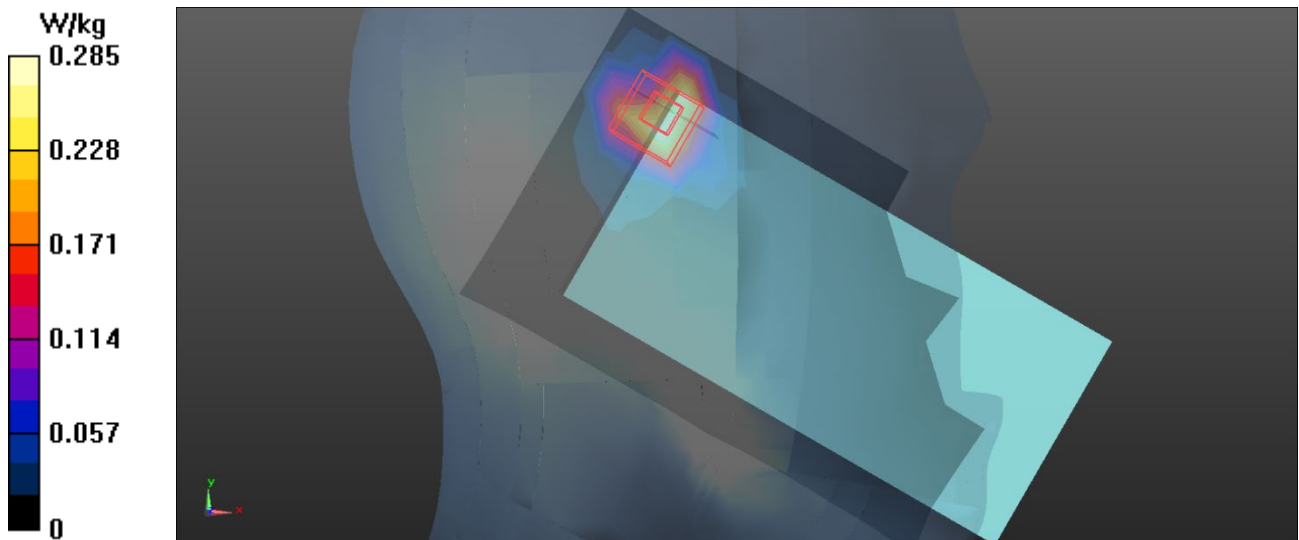
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.560 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.781 W/kg



Test Laboratory: BTL,Inc

Date: 2021/11/11

W24_802.11ac VHT80_CH138_Left Tilted

DUT: Mobile Phone;

Communication System: UID 0, 802.11ac (0);

Frequency: 5690 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5690$ MHz; $\sigma = 5.22$ S/m; $\epsilon_r = 35.019$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(4.94, 4.94, 4.94) @ 5690 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: SAM Left; Type: Twin SAM; Serial: 1784
- 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) = 0.724 W/kg

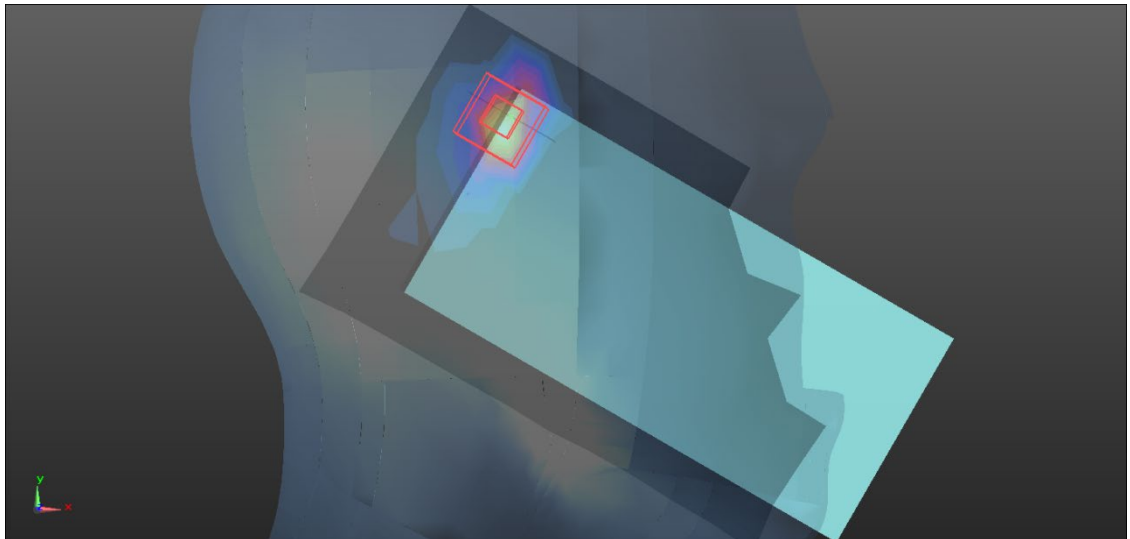
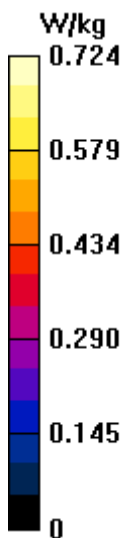
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.951 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.092 W/kg

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



Test Laboratory: BTL.Inc

Date: 2021/11/11

W32_802.11ac VHT80_CH155_Left Tilted

DUT: Mobile Phone;

Communication System: UID 0, 802.11ac (0);

Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.327 \text{ S/m}$; $\epsilon_r = 34.823$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.3 \text{ }^\circ\text{C}$; Liquid Temperature: $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

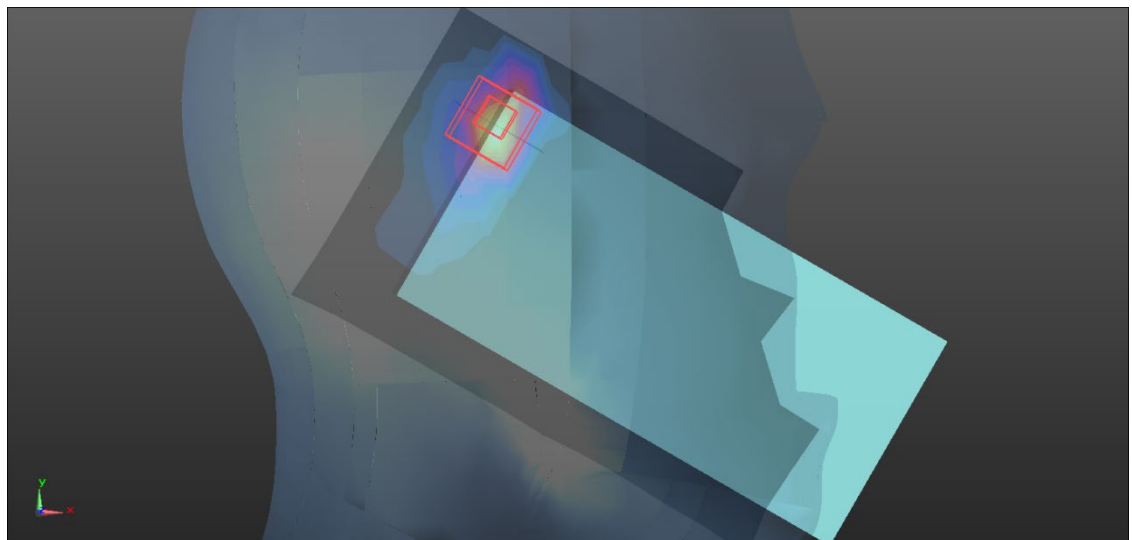
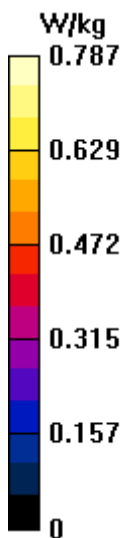
- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5775 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.787 W/kg
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.977 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 0.363 W/kg ; SAR(10 g) = 0.107 W/kg

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


Test Laboratory: BTL Inc.

Date: 2021/10/28

G32_GSM 850_GSM_CH190_Rear Face_1.5cm_Ant Down_SIM 2

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; $\sigma = 0.939$ S/m; $\epsilon_r = 42.571$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 836.6 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.245 W/kg

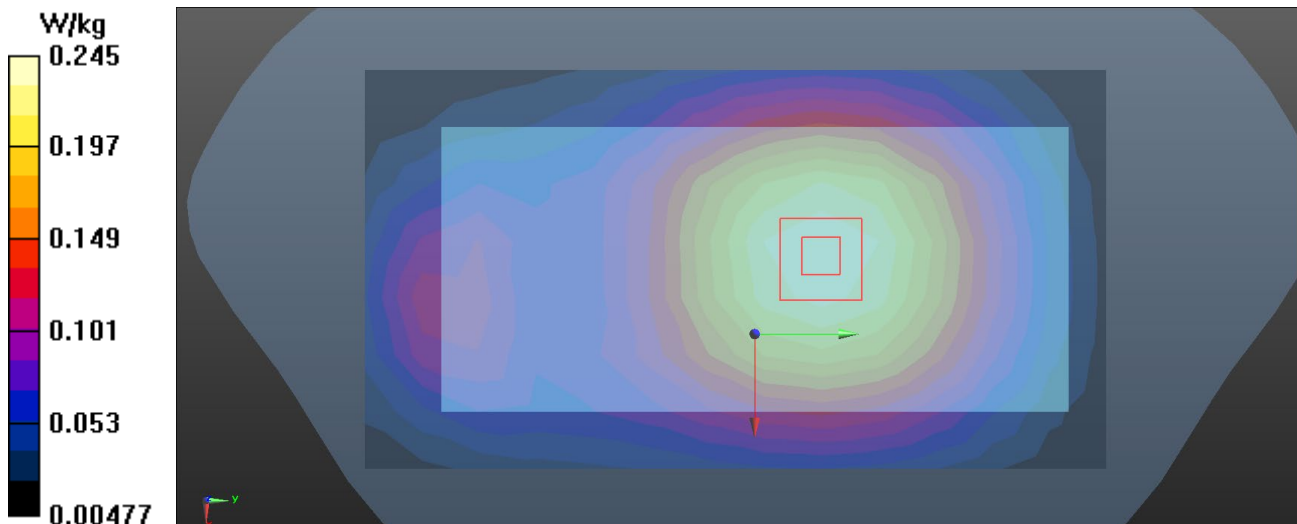
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.62 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.246 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/28

G42_GSM 850_GSM_CH190_Rear Face_1.5cm_Ant Up_SIM 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; $\sigma = 0.939$ S/m; $\epsilon_r = 42.571$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 835 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.0698 W/kg

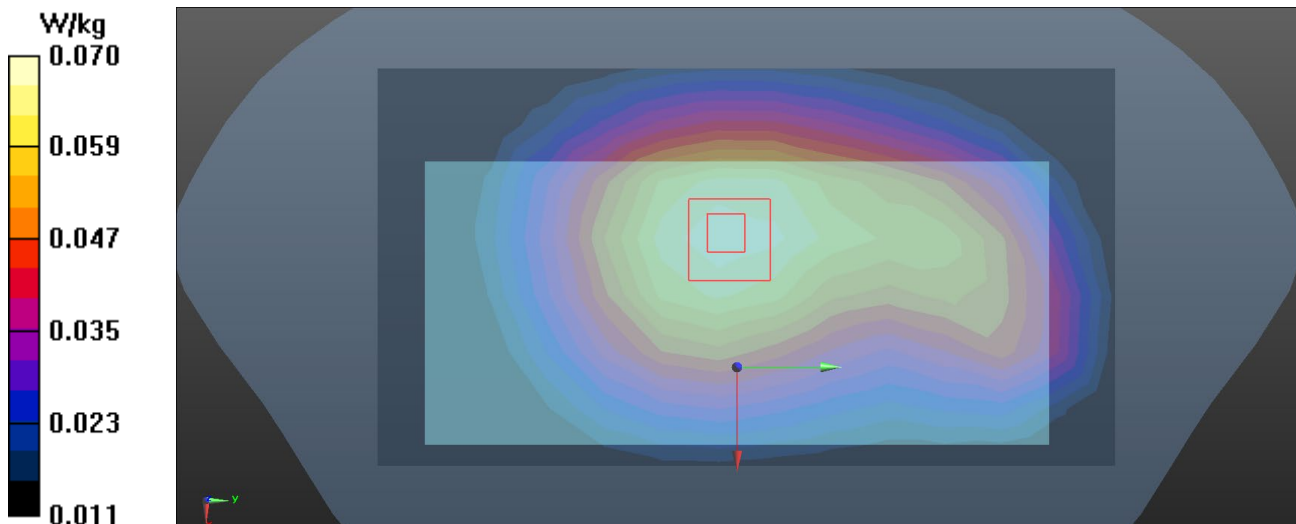
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.296 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0830 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.0704 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/29

G53_GSM 1900_GSM_CH661_Rear Face_1.5cm_Ant Down_SIM 2

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.321 \text{ S/m}$; $\epsilon_r = 40.98$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

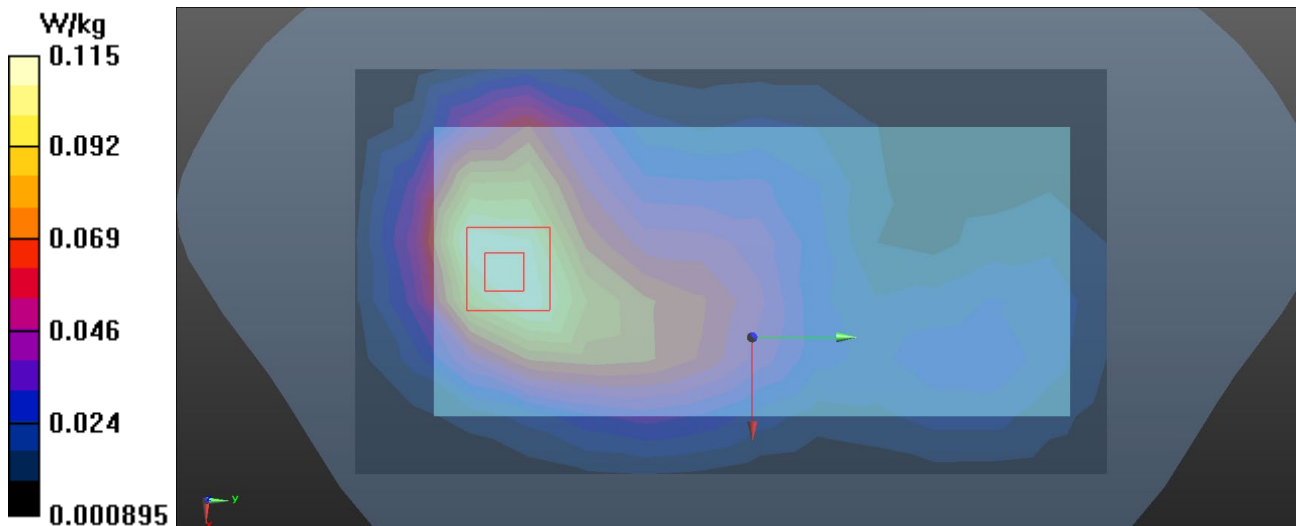
- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

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

Reference Value = 6.247 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.090 W/kg ; SAR(10 g) = 0.055 W/kg

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


Test Laboratory: BTL Inc.

Date: 2021/10/29

G63_GSM 1900_GSM_CH661_Rear Face_1.5cm_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.321 \text{ S/m}$; $\epsilon_r = 40.98$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

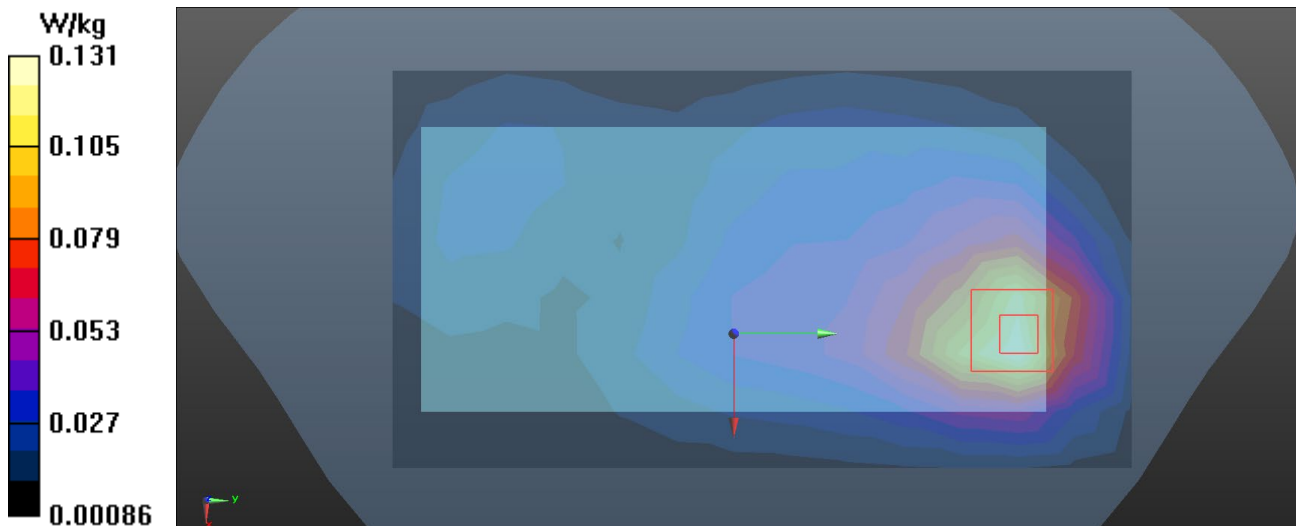
- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.131 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.140 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.094 W/kg ; SAR(10 g) = 0.054 W/kg

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


Test Laboratory: BTL Inc.

Date: 2021/10/29

U42_UMTS B2_RMC12.2K_CH9400_Rear Face_1.5cm_Ant Down_SIM 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; $\sigma = 1.321$ S/m; $\epsilon_r = 40.98$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °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; Type: QD000P40CD; Serial: S/N: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) = 0.249 W/kg

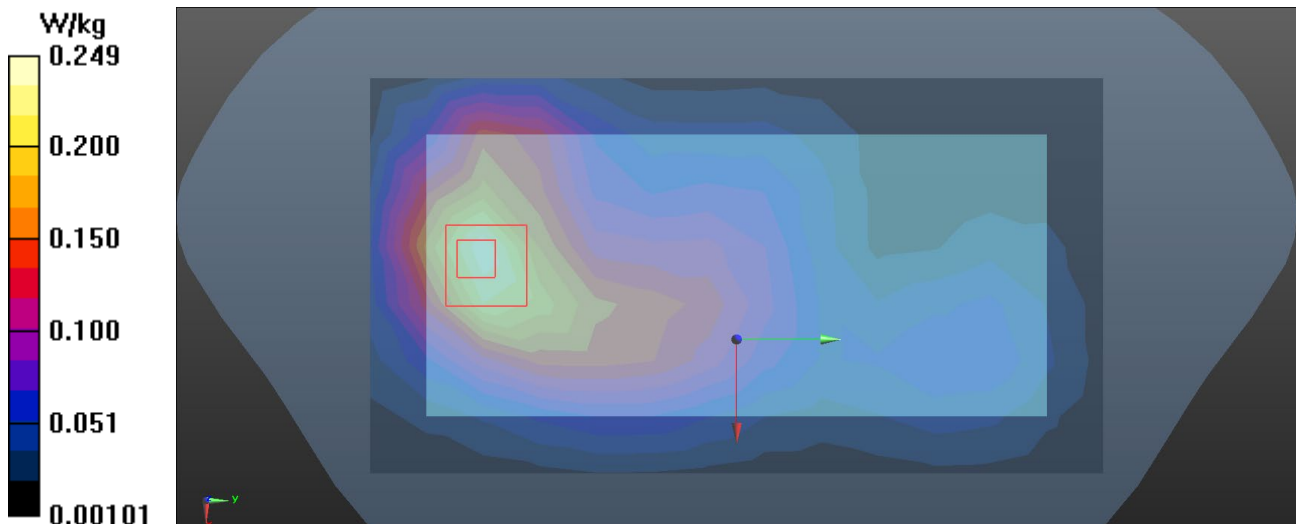
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.332 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.112 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/10/29

U52_UMTS B2_RMC12.2K_CH9400_Rear Face_1.5cm_ANT Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.321$ S/m; $\epsilon_r = 40.98$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °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; Type: QD000P40CD; Serial: S/N: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) = 0.275 W/kg

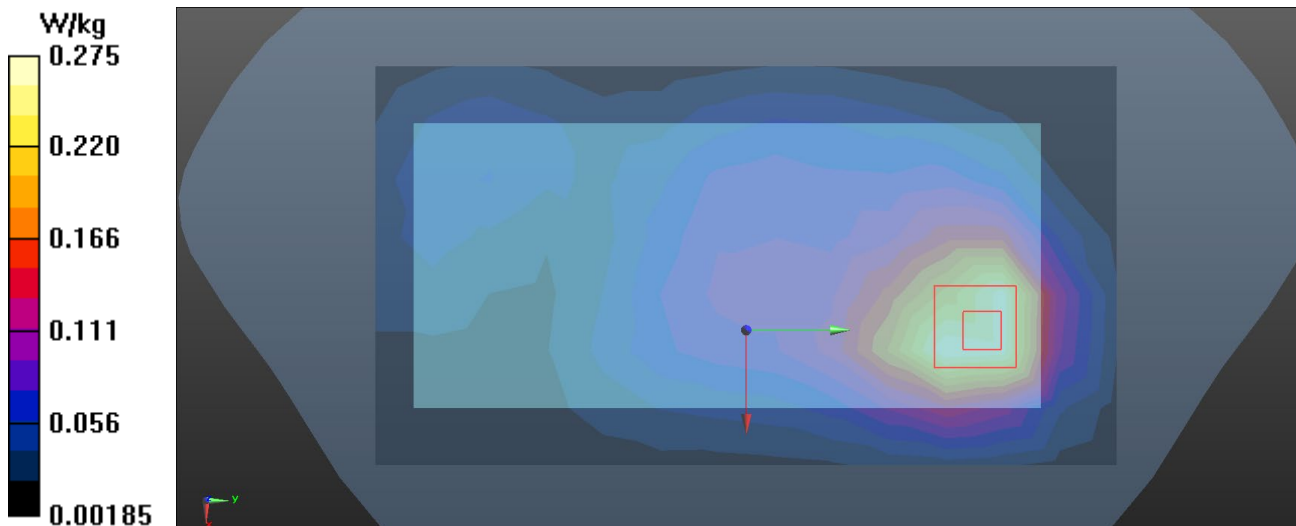
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.803 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.316 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/30

U62_UMTS B4_RMC12.2K_CH1413_Rear Face_1.5cm_Ant Down_SIM 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; $\sigma = 1.363$ S/m; $\epsilon_r = 38.69$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.6 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: Twin SAM V5.0; 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) = 0.219 W/kg

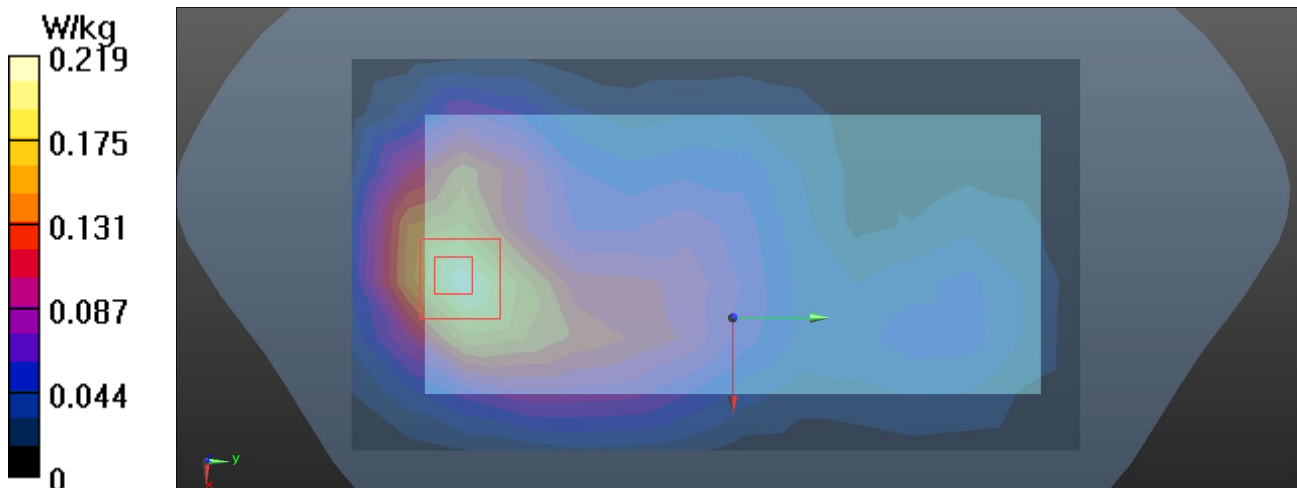
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.707 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.222 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/30

U73_UMTS B4_RMC12.2K_CH1413_Front Face_1.5cm_Ant Up_SIM 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; $\sigma = 1.363$ S/m; $\epsilon_r = 38.69$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.6 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: Twin SAM V5.0; 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) = 0.246 W/kg

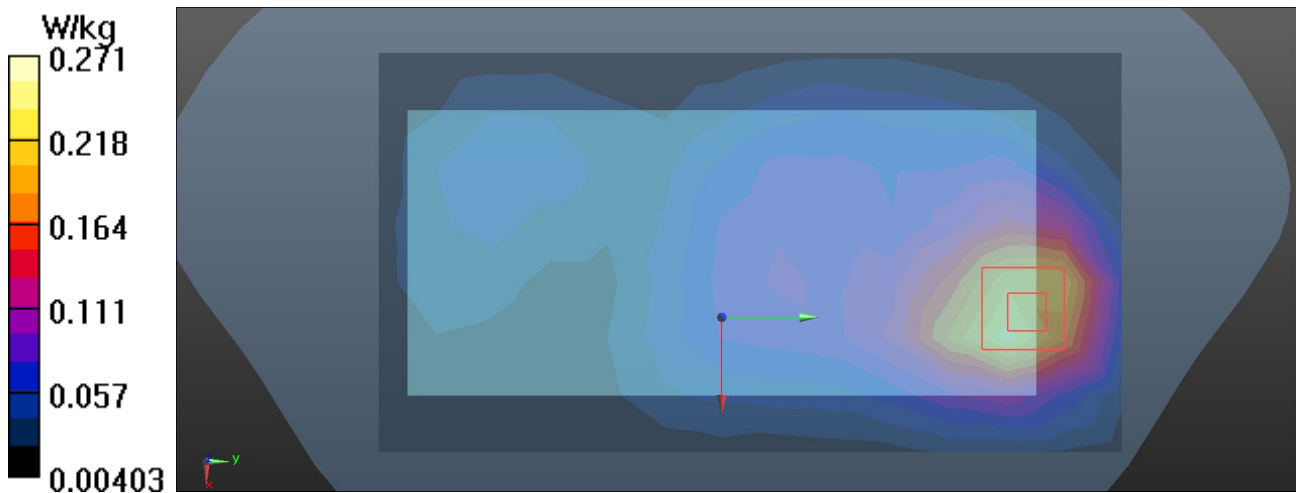
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.977 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.107 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/10/28

U83_UMTS B5_RMC12.2K_CH4182_Rear Face_1.5cm_Ant Down_SIM 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; $\sigma = 0.939$ S/m; $\epsilon_r = 42.572$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 836.4 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.206 W/kg

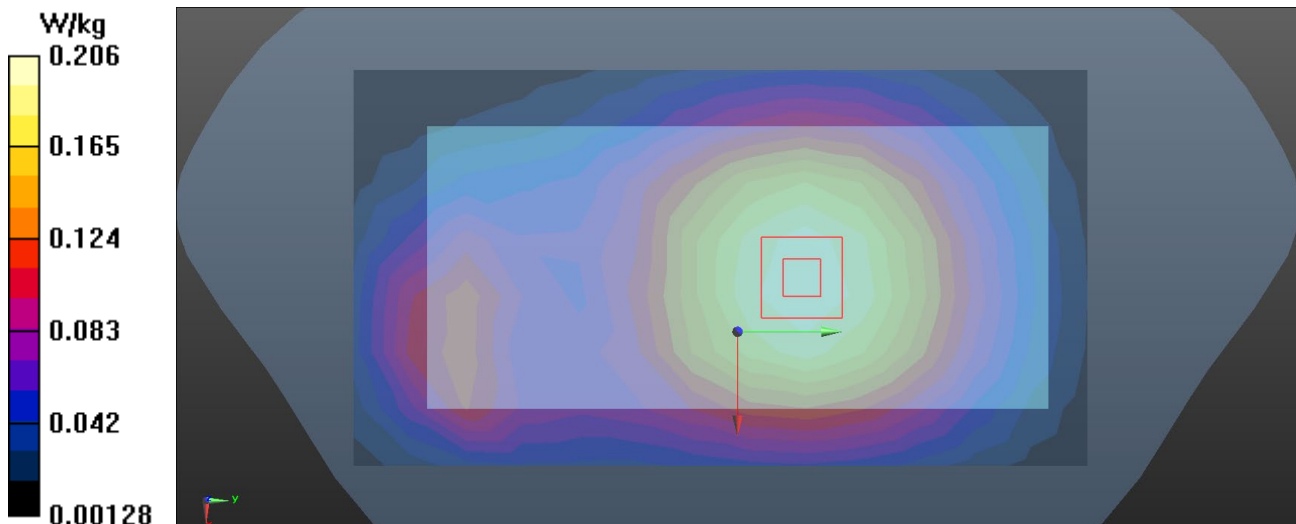
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.34 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.207 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/28

U94_UMTS B5_RMC12.2K_CH4182_Rear Face_1.5cm_Ant Up_SIM 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; $\sigma = 0.939$ S/m; $\epsilon_r = 42.572$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 835 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.0504 W/kg

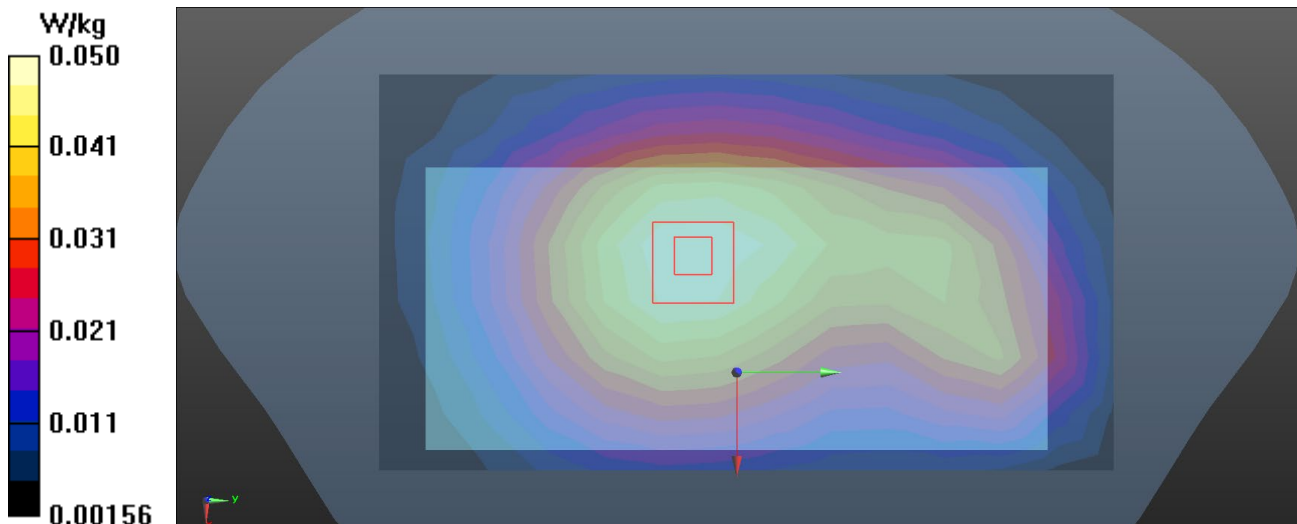
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.023 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0600 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0510 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/4

L251_LTE B2_QPSK20M_CH18900_1RB_Rear Face_1.5cm_Ant Down_SIM 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; $\sigma = 1.34$ S/m; $\epsilon_r = 40.07$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.99, 4.99, 4.99) @ 1880 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: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.258 W/kg

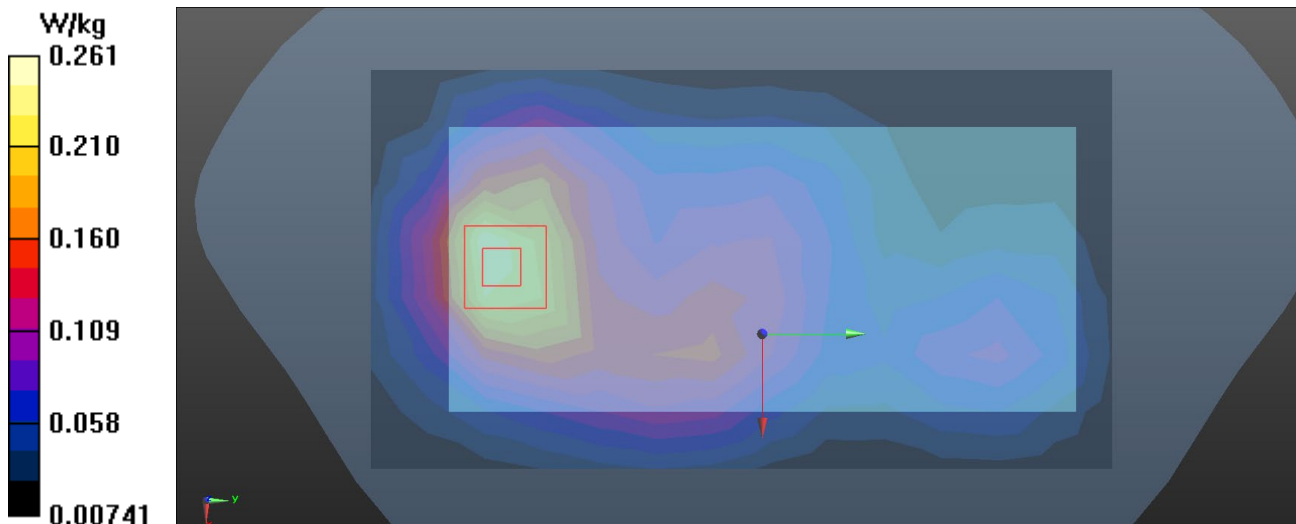
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.200 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.130 W/kg

Maximum value of SAR (measured) = 0.261 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/4

L272_LTE B2_QPSK20M_CH18700_50RB_Rear Face_1.5cm_Ant Up_SIM 2

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);

Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1860$ MHz; $\sigma = 1.323$ S/m; $\epsilon_r = 40.106$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.99, 4.99, 4.99) @ 1860 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: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.241 W/kg

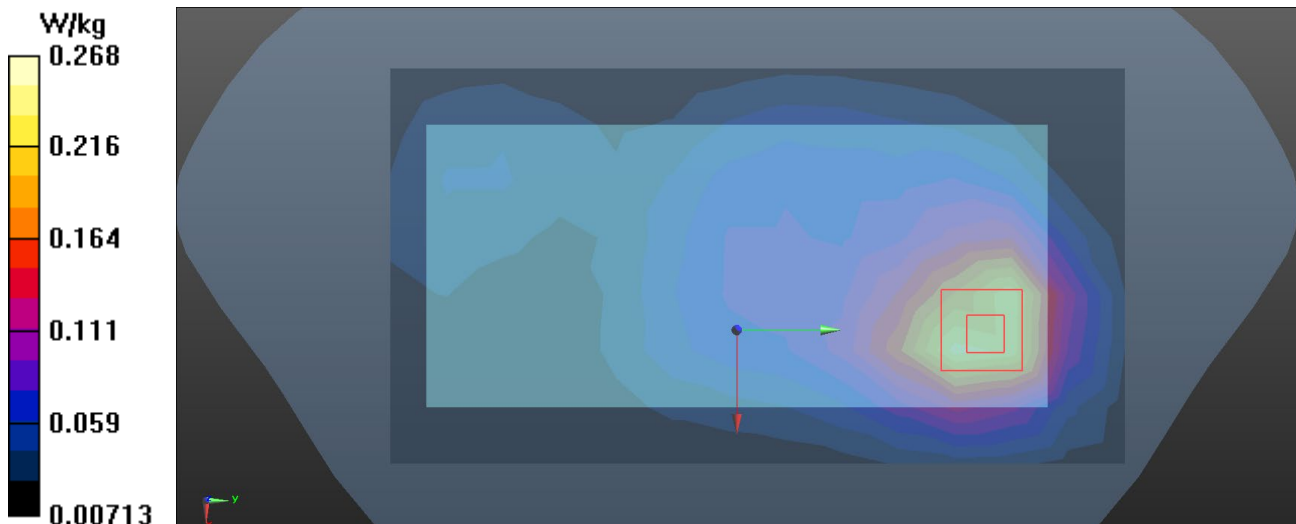
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.114 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (measured) = 0.268 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/2

L288_LTE B4_QPSK20M_CH20175_50RB_Rear Face_1.5cm_Ant Down_SIM 2

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);

Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 39.789$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.5 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.355 W/kg

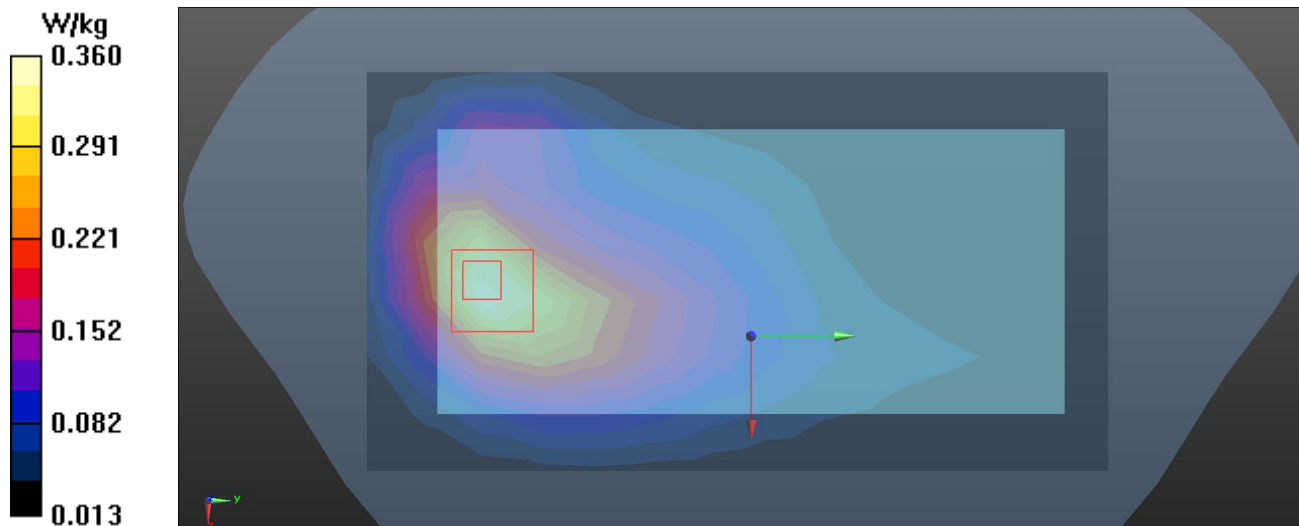
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.299 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.360 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/2

L306_LTE B4_QPSK20M_CH20175_50RB_Rear Face_1.5cm_Ant Up_SIM 2

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);

Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 39.789$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.5 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.257 W/kg

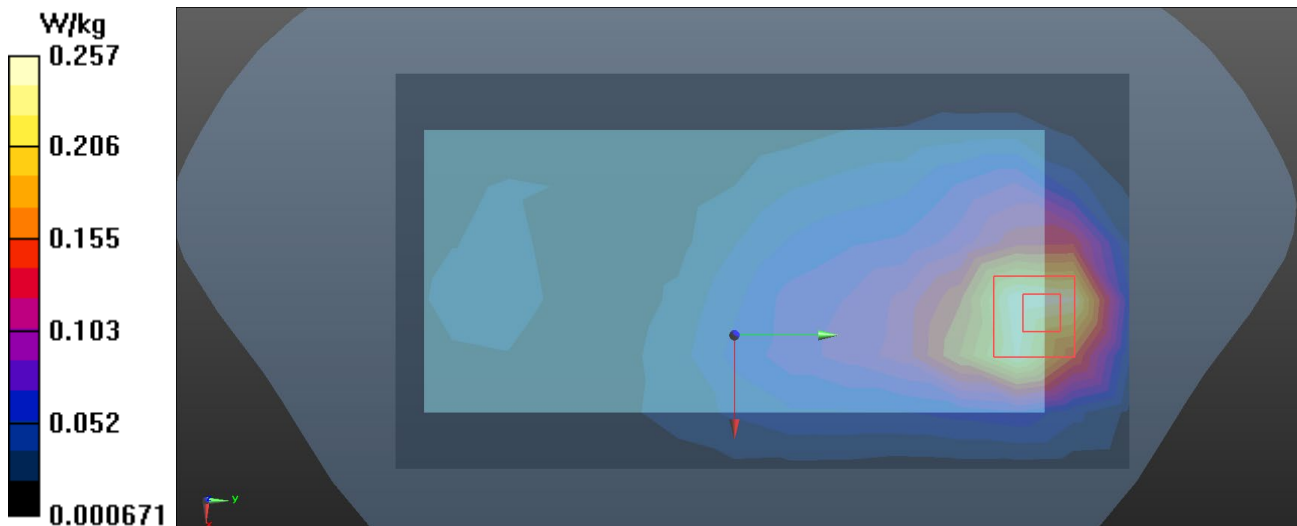
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.621 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.325 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/31

L319_LTE B5_QPSK10M_CH20525_1RB_Rear Face_1.5cm_Ant Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.172$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 836.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.234 W/kg

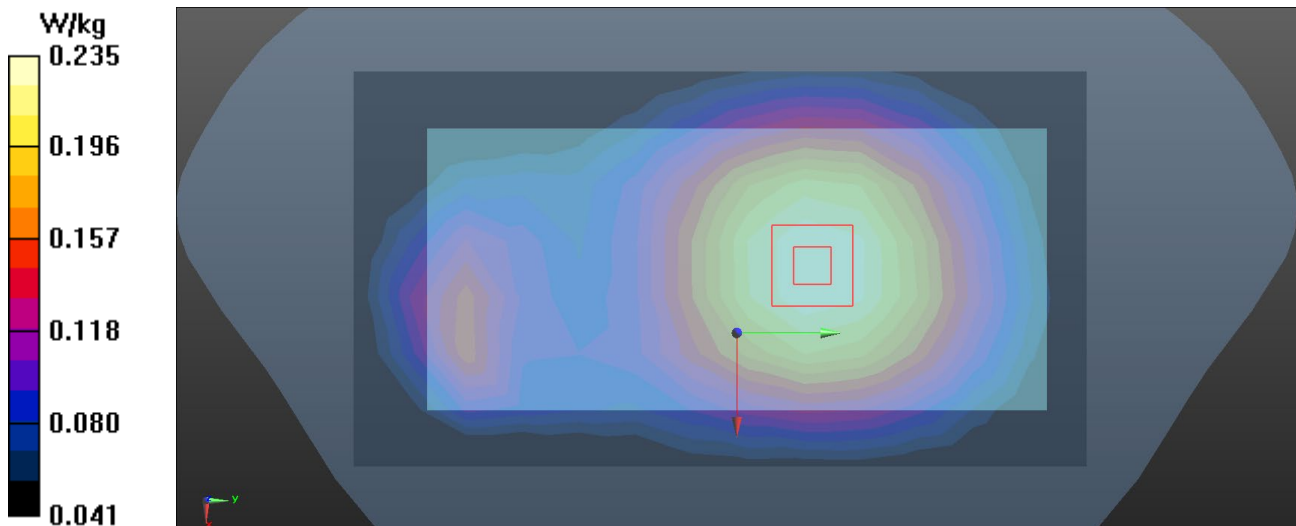
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.773 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.235 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/31

L337_LTE B5_QPSK10M_CH20525_1RB_Rear Face_1.5cm_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.172$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 836.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0876 W/kg

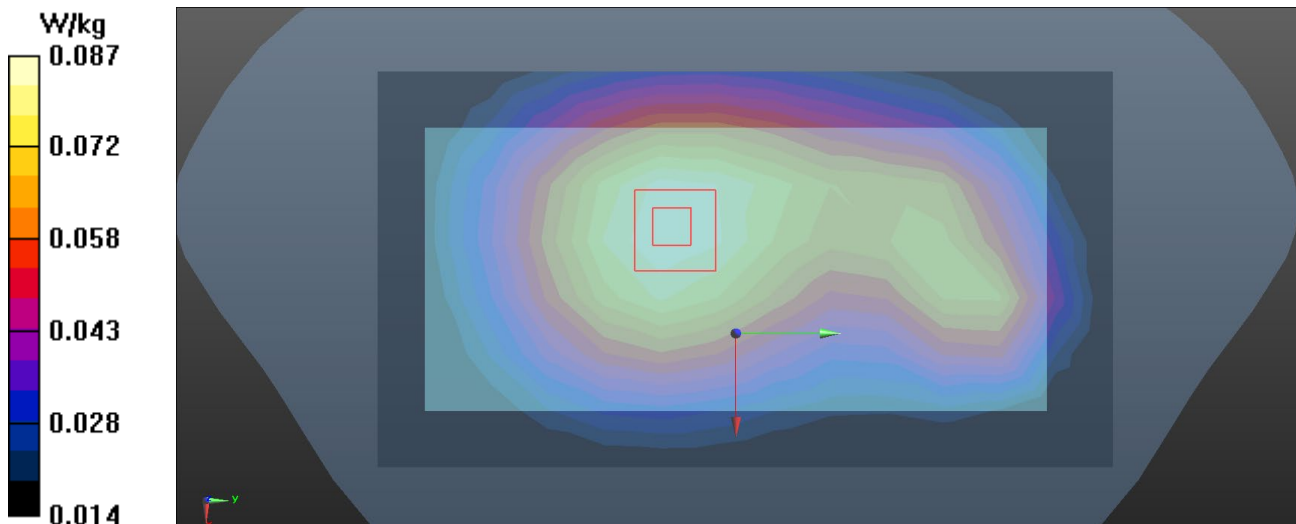
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.348 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.0872 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/6

L356_LTE B7_QPSK20M_CH21100_1RB_Rear Face_1.5cm_Ant Down_SIM 2

DUT: Mobile Phone;

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

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.877 \text{ S/m}$; $\epsilon_r = 39.423$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.384 W/kg

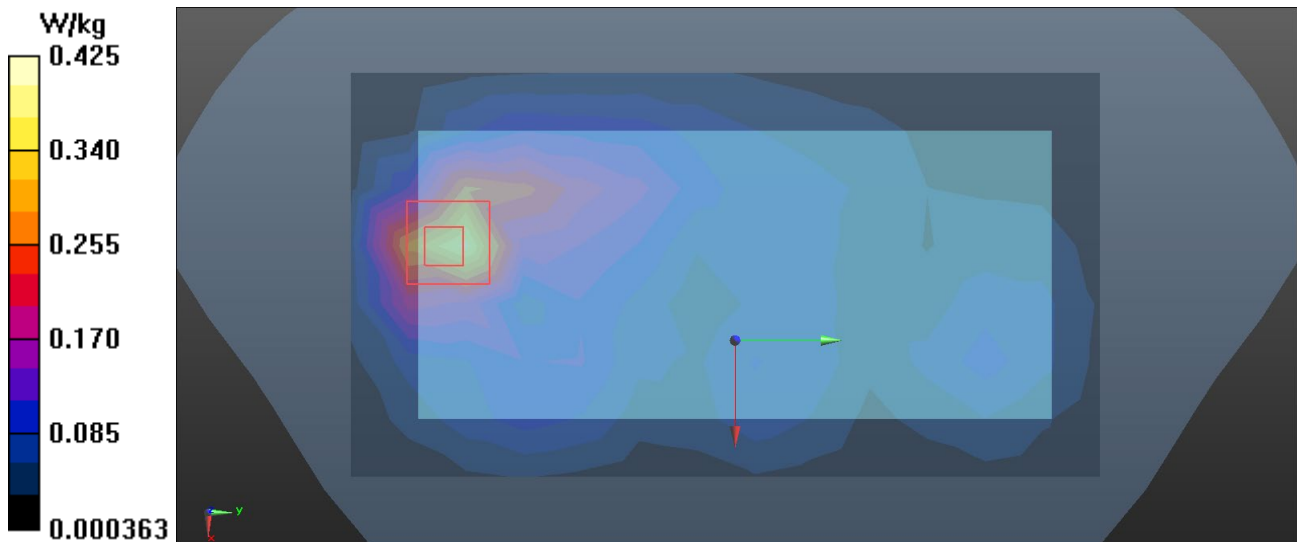
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.213 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.425 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/6

L374_LTE B7_QPSK20M_CH21100_1RB_Rear Face_1.5cm_Ant Up_SIM 2

DUT: Mobile Phone;

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

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.877 \text{ S/m}$; $\epsilon_r = 39.423$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 1.01 W/kg

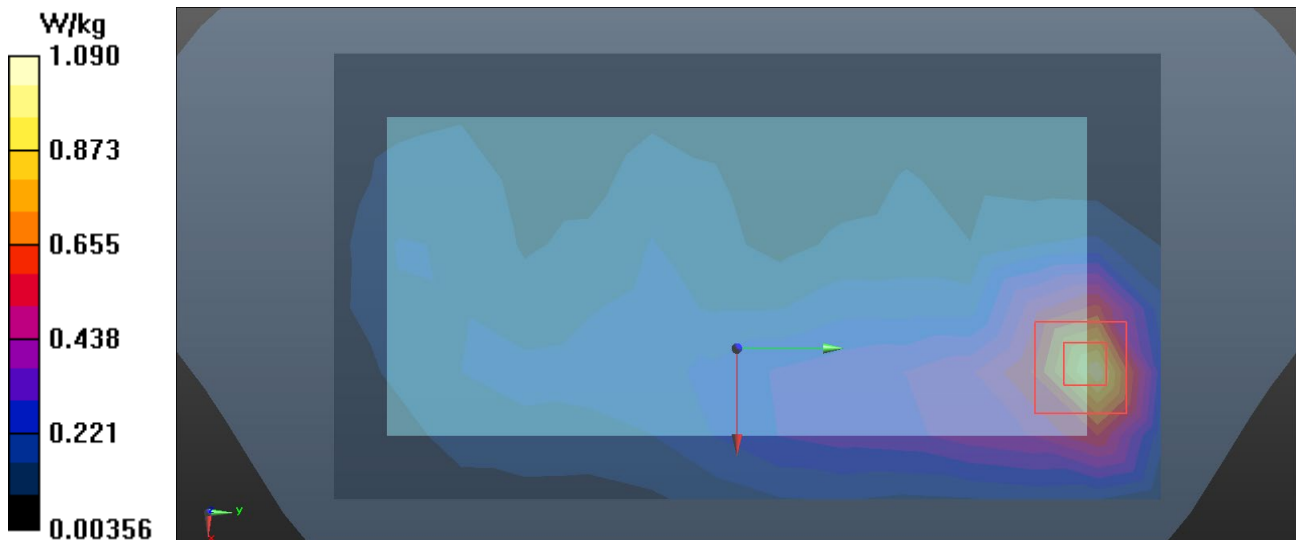
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.583 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/9

L387_LTE B12_QPSK10M_CH23095_1RB_Rear Face_1.5cm_Ant Down_SIM 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; $\sigma = 0.862$ S/m; $\epsilon_r = 42.859$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 707.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.244 W/kg

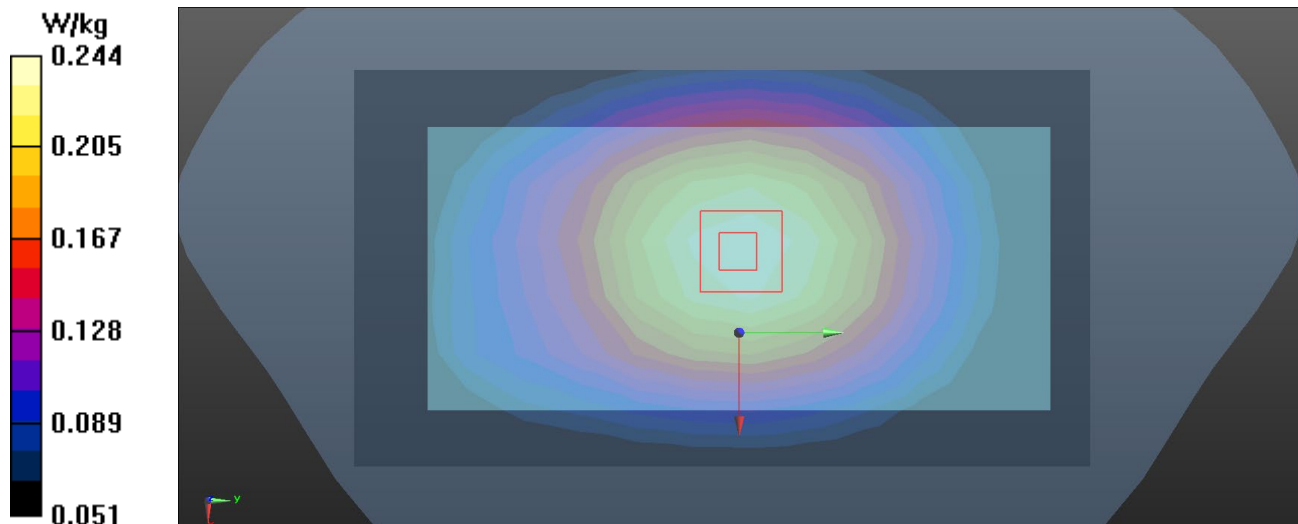
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.26 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.244 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/9

L404_LTE B12_QPSK10M_CH23095_1RB_Front Face_1.5cm_Ant Up_SIM 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; $\sigma = 0.861$ S/m; $\epsilon_r = 43.625$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 707.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0138 W/kg

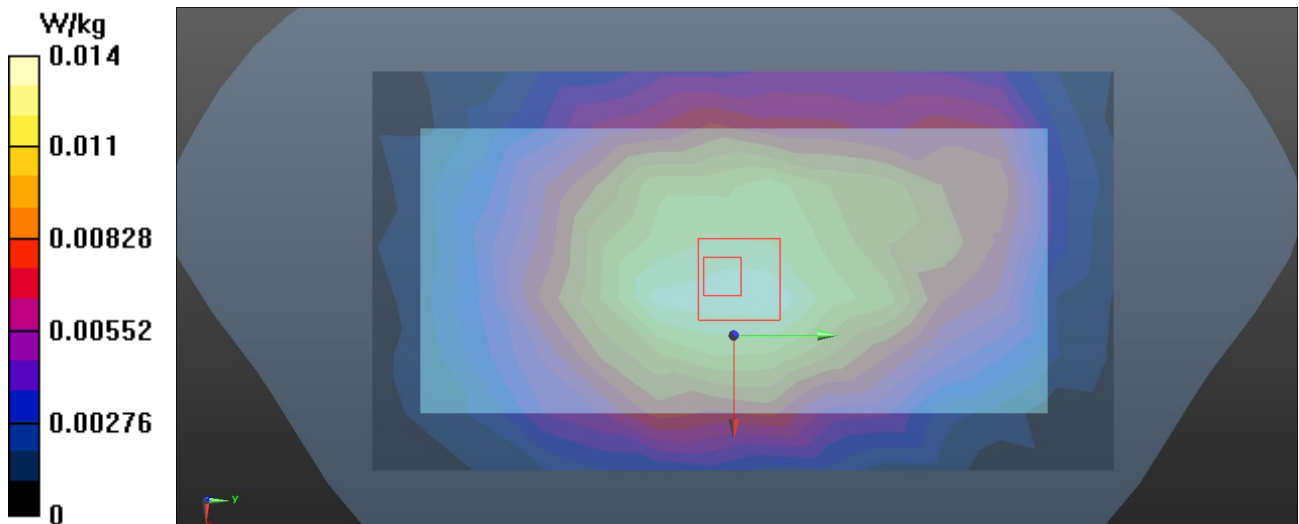
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.925 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.009 W/kg

Maximum value of SAR (measured) = 0.0112 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/9

L424_LTE B17_QPSK10M_CH23790_1RB_Rear Face_1.5cm_Ant Down_SIM 2

DUT: Mobile Phone;

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

Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.864 \text{ S/m}$; $\epsilon_r = 42.836$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.3 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

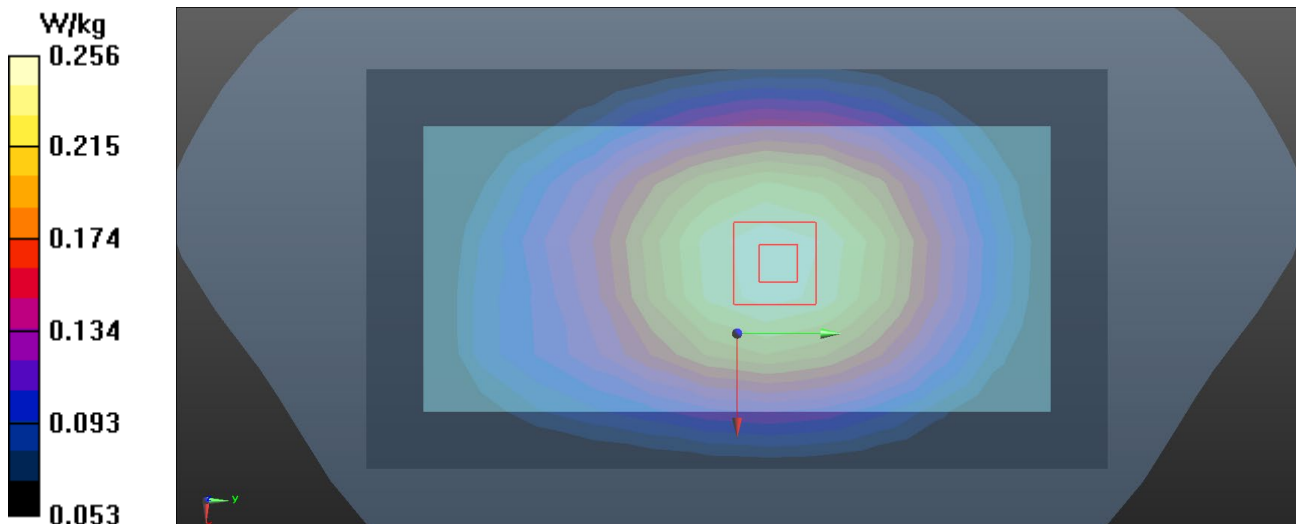
- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 710 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.253 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.48 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.294 W/kg
SAR(1 g) = 0.235 W/kg ; SAR(10 g) = 0.182 W/kg

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


Test Laboratory: BTL Inc.

Date: 2021/11/9

L438_LTE B17_QPSK10M_CH23790_1RB_Front Face_1.5cm_Ant Up_SIM 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; $\sigma = 0.861$ S/m; $\epsilon_r = 43.625$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 710 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 (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0147 W/kg

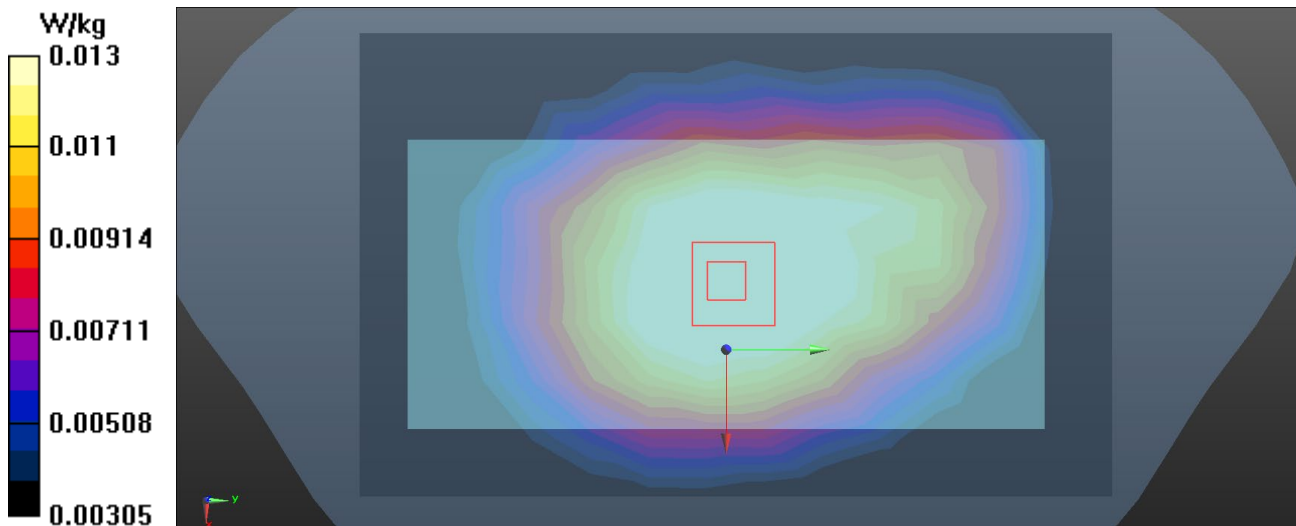
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.227 V/m; Power Drift = 0.25 dB

Peak SAR (extrapolated) = 0.0150 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.010 W/kg

Maximum value of SAR (measured) = 0.0132 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/31

L455_LTE B26_QPSK15M_CH26765_1RB_Rear Face_1.5cm_Ant Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 42.04$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 821.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.240 W/kg

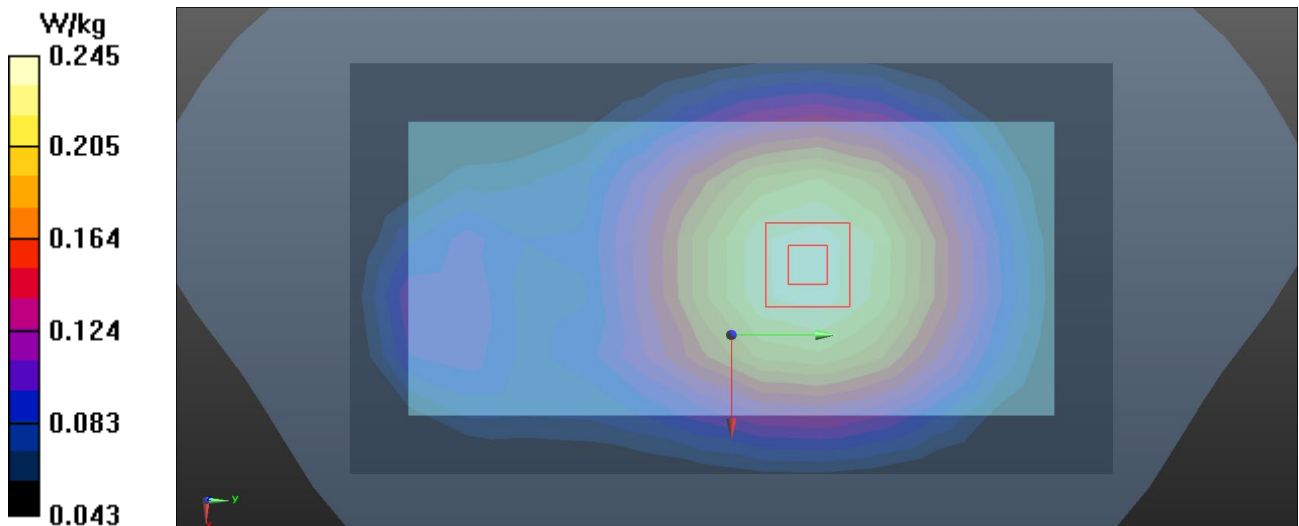
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.50 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.245 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/31

L473_LTE B26_QPSK15M_CH26765_1RB_Rear Face_1.5cm_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 42.04$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 821.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0661 W/kg

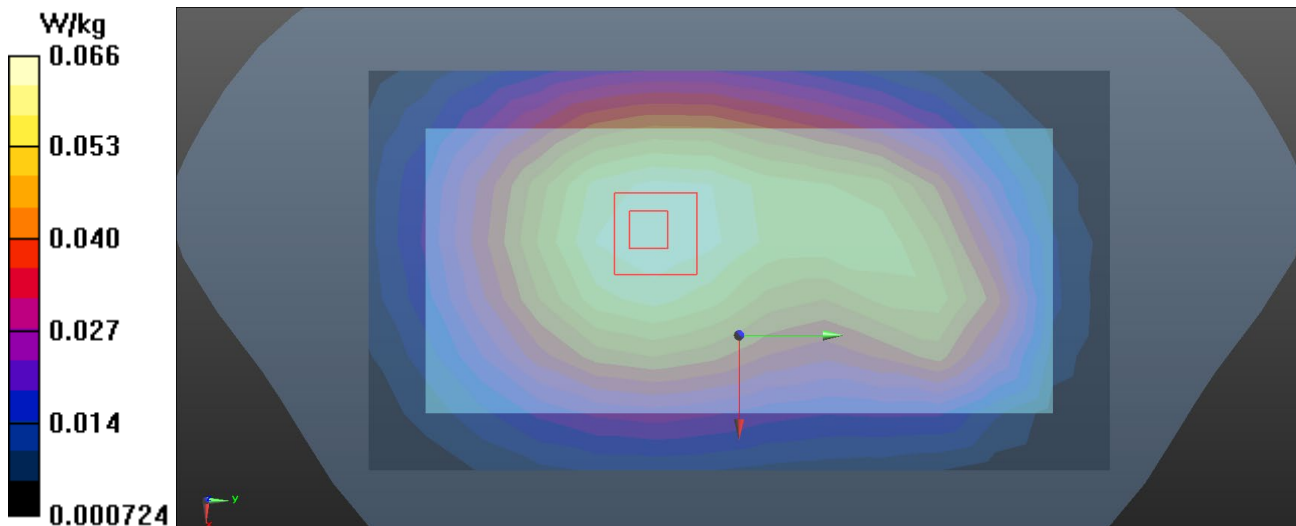
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.895 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0760 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.0653 W/kg



Test Laboratory: BTL,Inc

Date: 2021/11/6

L492_LTE B38_QPSK20M_CH38000_1RB_Rear Face_1.5cm_Ant Down_SIM 2

DUT: Mobile Phone;

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

Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2595$ MHz; $\sigma = 1.946$ S/m; $\epsilon_r = 39.221$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.286 W/kg

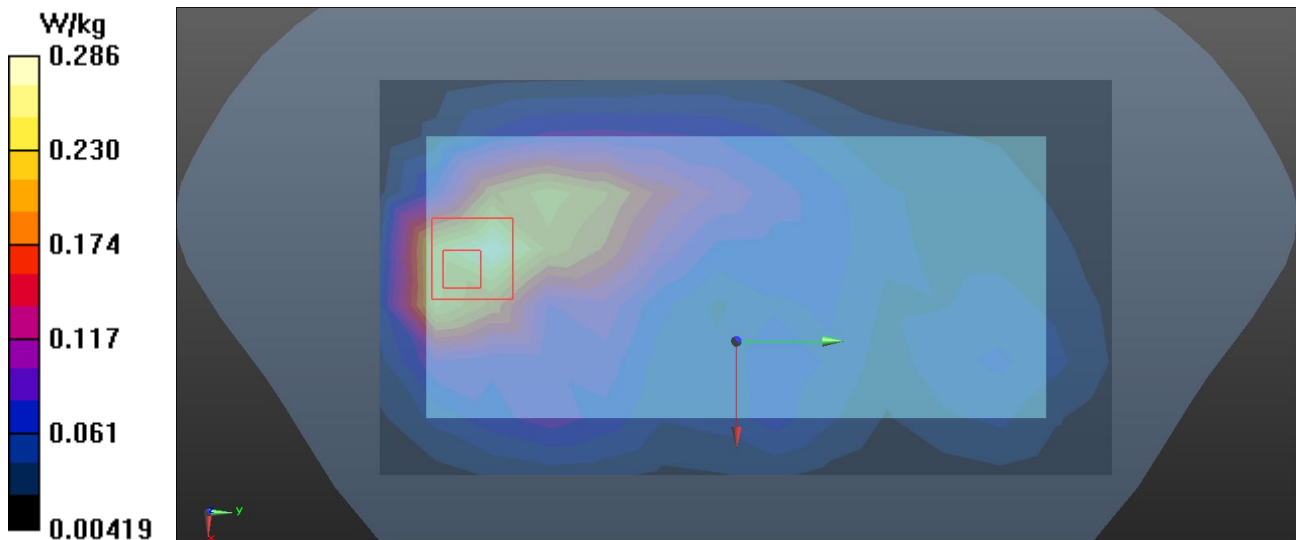
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.137 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.323 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/6

L507_LTE B38_QPSK20M_CH38150_1RB_Rear Face_1.5cm_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2610$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 39.174$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2610 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.408 W/kg

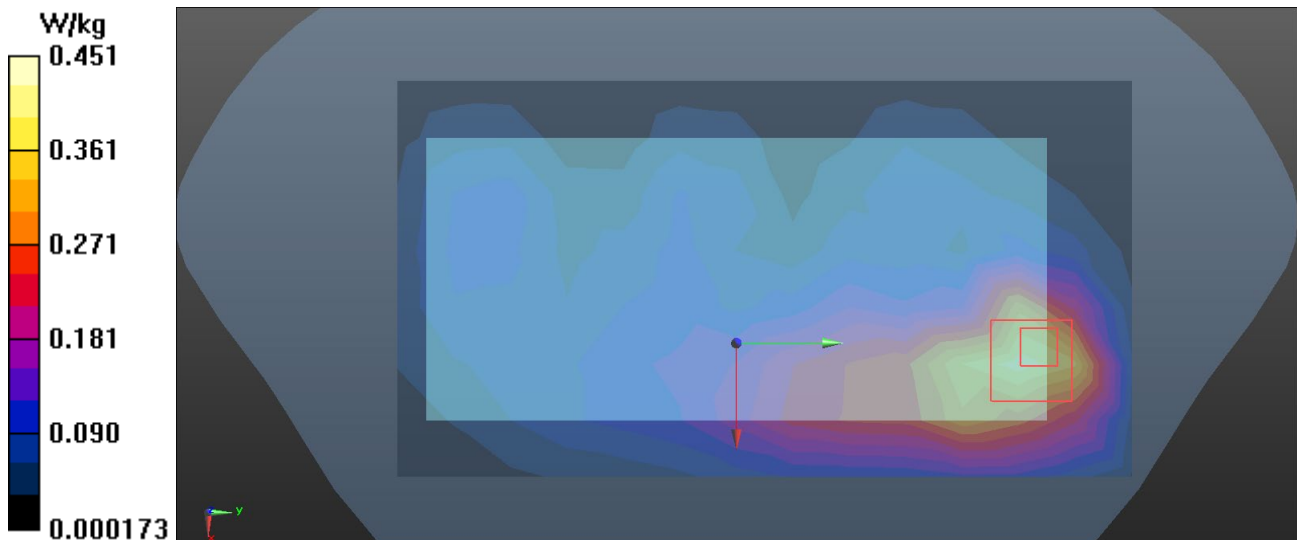
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.980 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.140 W/kg

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



Test Laboratory: BTL.Inc

Date: 2021/11/7

L557_LTE B41_QPSK20M_CH39750_1RB_Rear Face_1.5cm_Ant Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 2506 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.852$ S/m; $\epsilon_r = 39.54$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2506 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.299 W/kg

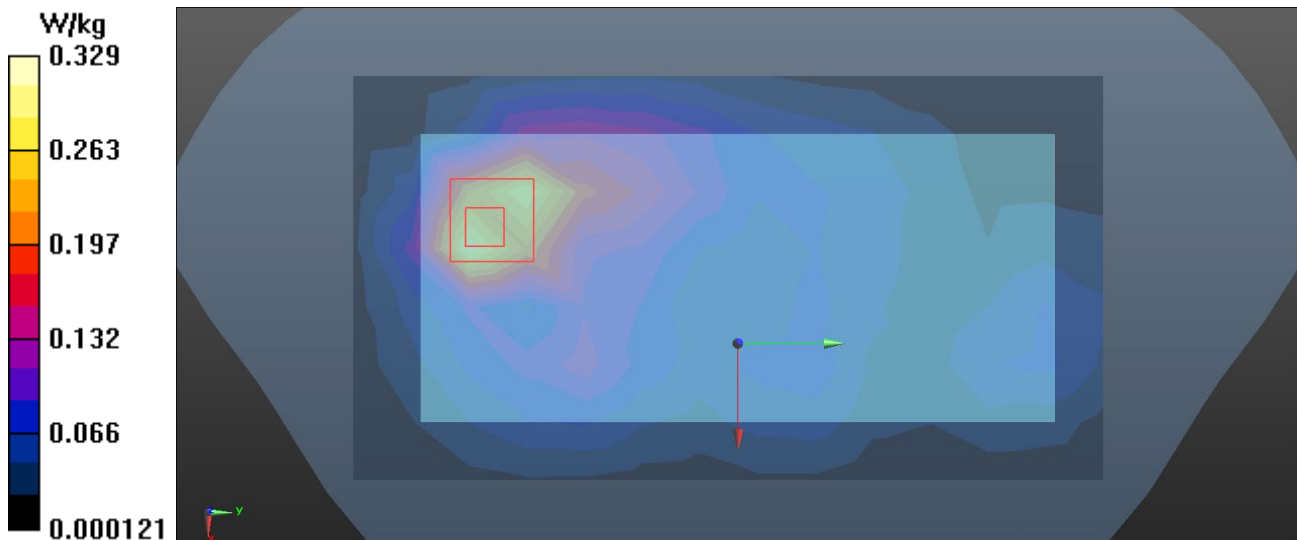
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.920 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.329 W/kg



Test Laboratory: BTL,Inc

Date: 2021/11/7

L575_LTE B41_QPSK20M_CH39750_1RB_Rear Face_1.5cm_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 2506 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.852$ S/m; $\epsilon_r = 39.54$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2506 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.509 W/kg

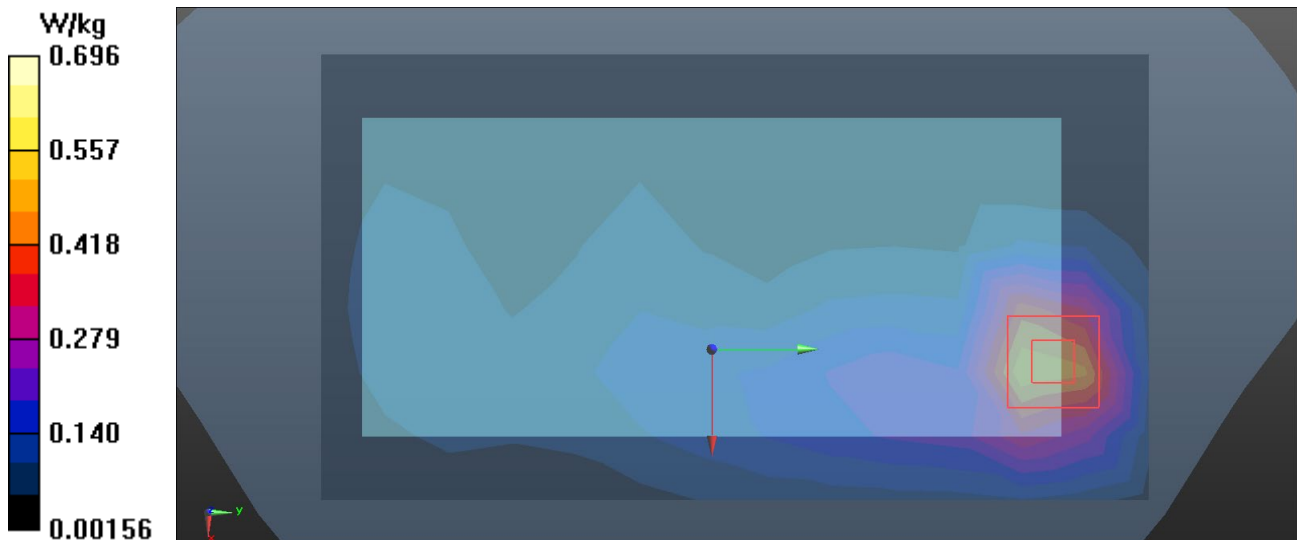
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.100 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.874 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.696 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/2

L594_LTE B66_QPSK20M_CH132322_1RB_Rear Face_1.5cm_Ant Down_SIM 2

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; $\sigma = 1.392$ S/m; $\epsilon_r = 39.151$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1745 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.285 W/kg

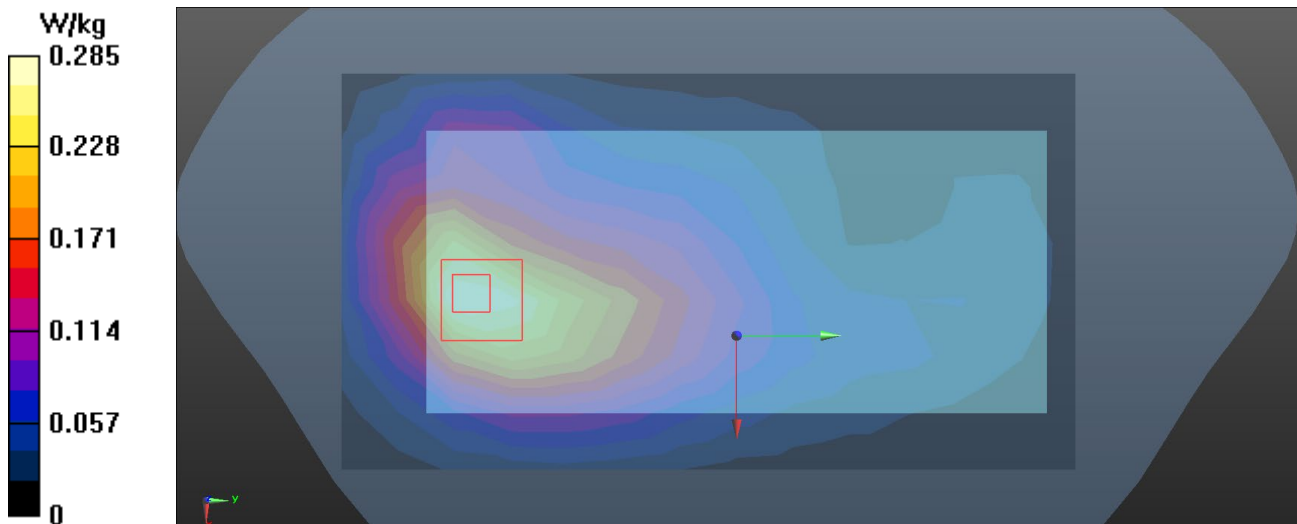
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.222 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.140 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/11/2

L612_LTE B66_QPSK20M_CH132322_50RB_Rear Face_1.5cm_Ant Up_SIM 2

DUT: Mobile Phone;

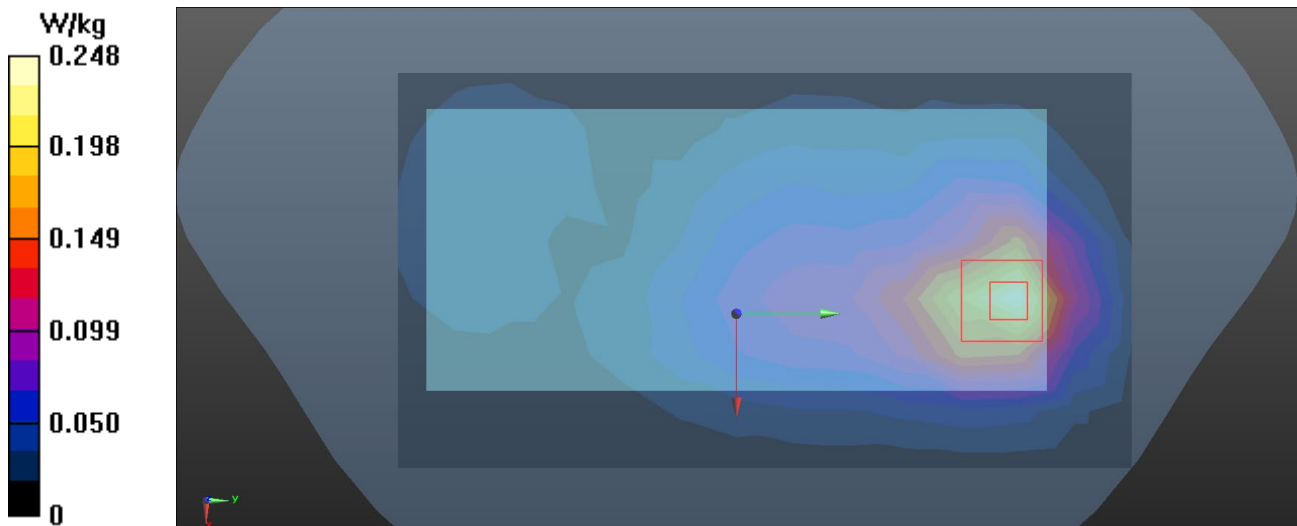
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);
Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 39.151$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1745 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.248 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 7.059 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.292 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.249 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/10

W58_802.11b_CH6_Front Face_1.5cm

DUT: Mobile Phone;

Communication System: UID 0, 802.11b (0);

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.799$ S/m; $\epsilon_r = 38.473$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2437 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.279 W/kg

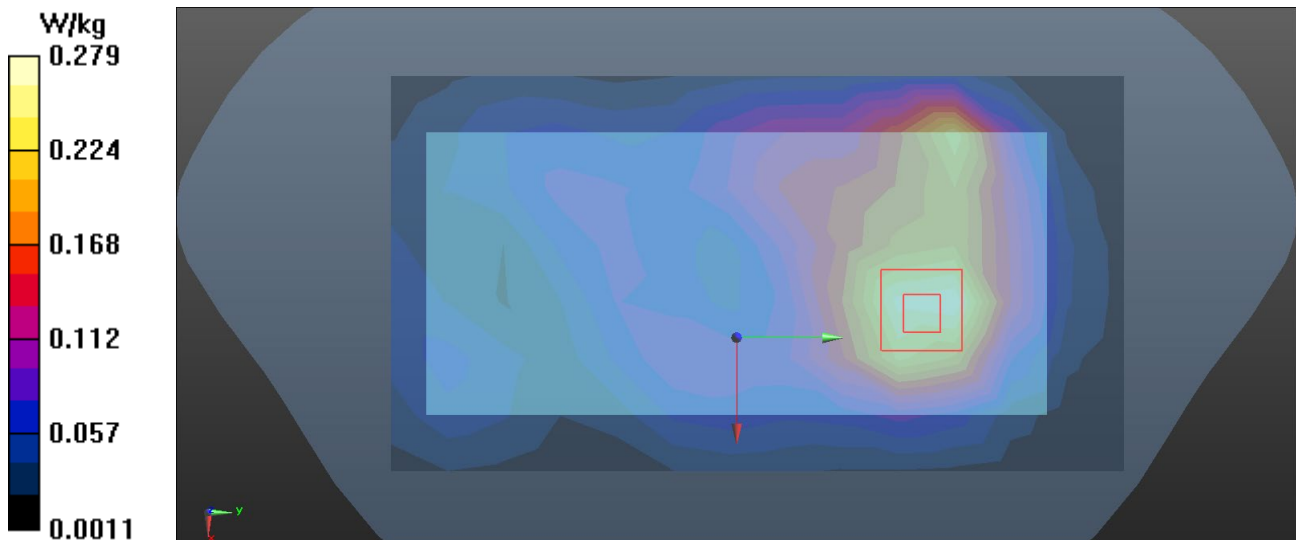
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.315 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.309 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/10

B06_BT DH5_CH0_Front Face_1.5cm

DUT: Mobile Phone;

Communication System: UID 0, BT (0);

Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.74$ S/m; $\epsilon_r = 39.864$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2402 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.0123 W/kg

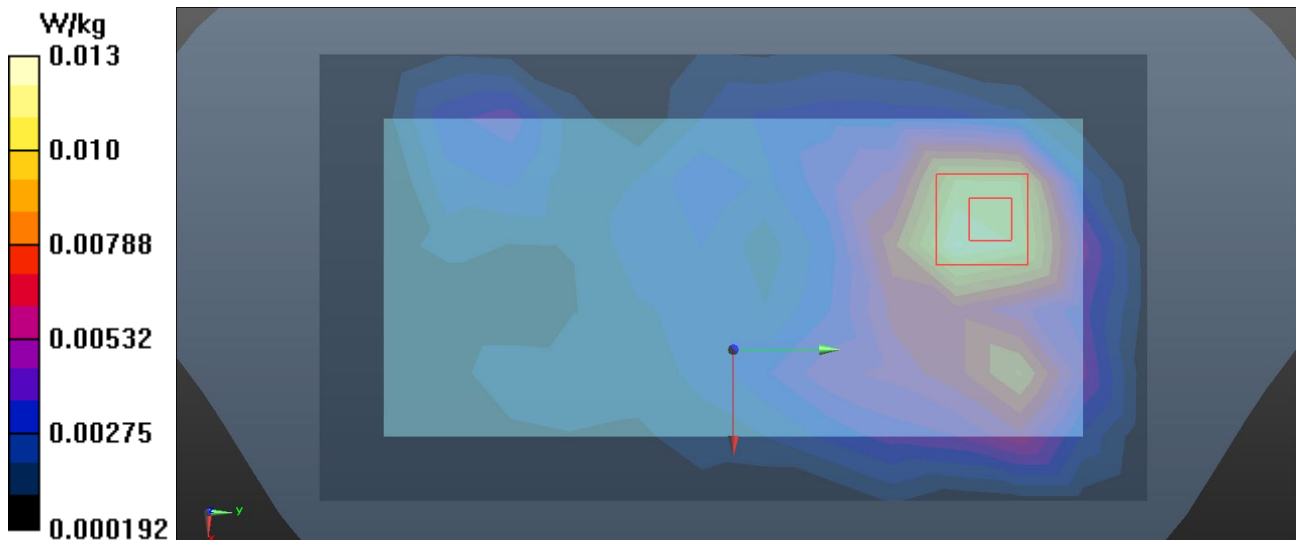
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0300 W/kg

SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.004 W/kg

Maximum value of SAR (measured) = 0.0130 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/11

W85_802.11n HT40_CH54_Rear Face_1.5cm

DUT: Mobile Phone;

Communication System: UID 0, 802.11n (0);

Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 4.681 \text{ S/m}$; $\epsilon_r = 36.151$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.55, 5.55, 5.55) @ 5270 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: SAM Left; Type: Twin SAM; Serial: 1784
- 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) = 0.975 W/kg

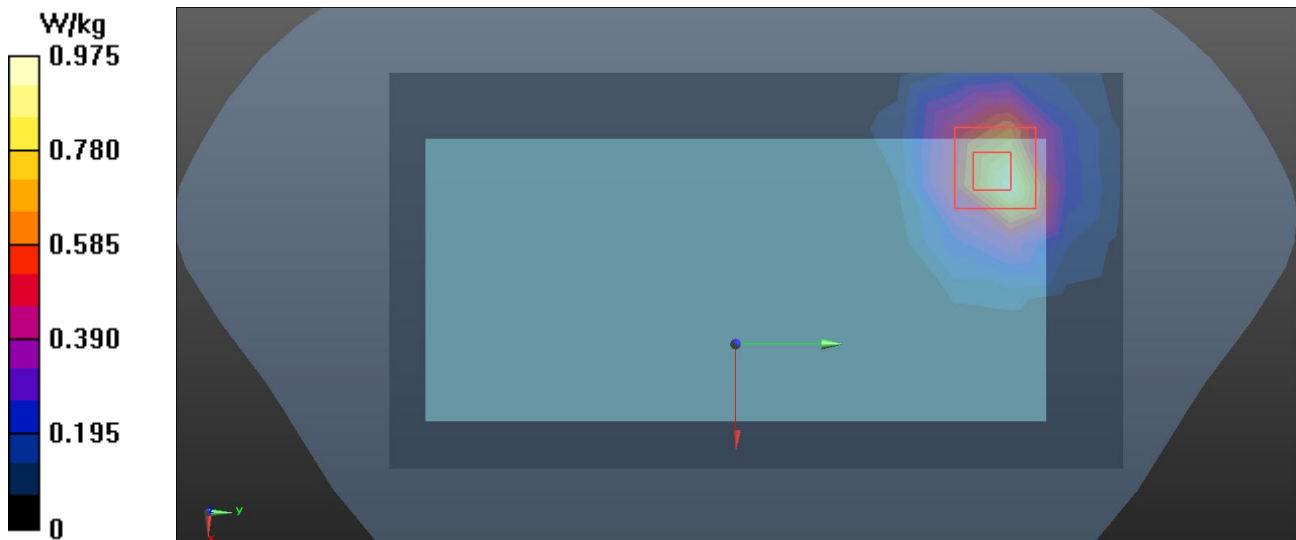
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.773 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



Test Laboratory: BTL,Inc

Date: 2021/11/11

W95_802.11ac VHT80_CH138_Rear Face_1.5cm

DUT: Mobile Phone;

Communication System: UID 0, 802.11ac (0);

Frequency: 5690 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5690$ MHz; $\sigma = 5.22$ S/m; $\epsilon_r = 35.019$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(4.94, 4.94, 4.94) @ 5690 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: SAM Left; Type: Twin SAM; Serial: 1784
- 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) = 1.11 W/kg

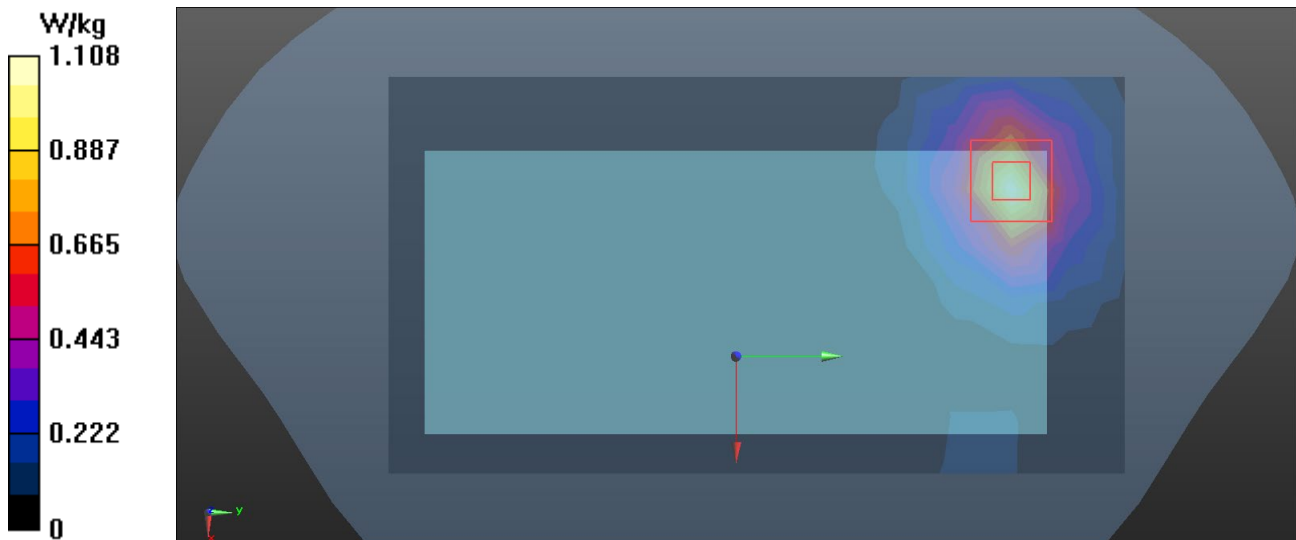
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.369 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.186 W/kg

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



Test Laboratory: BTL.Inc

Date: 2021/11/11

W105_802.11ac VHT80_CH155_Rear Face_1.5cm

DUT: Mobile Phone;

Communication System: UID 0, 802.11ac (0);

Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.327$ S/m; $\epsilon_r = 34.823$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5775 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: SAM Left; Type: Twin SAM; Serial: 1784
- 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) = 0.772 W/kg

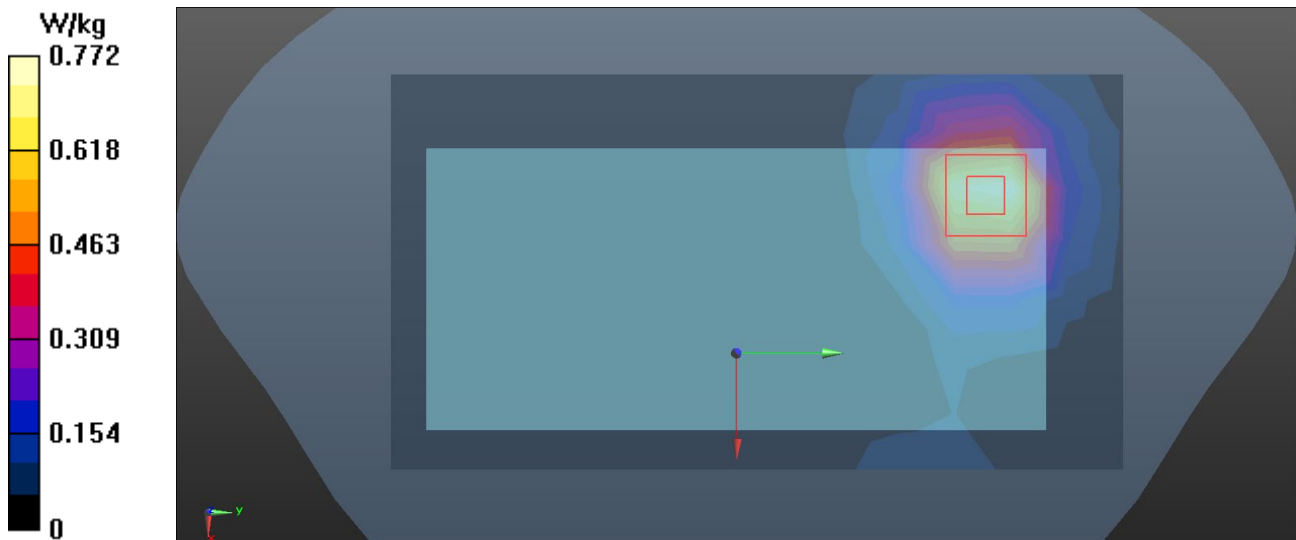
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.031 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 0.985 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/28

G39_GSM 850_GPRS4TX_CH190_Bottom Side_1cm_Ant Down_SIM 2

DUT: Mobile Phone;

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

Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 42.571$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 836.6 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.466 W/kg

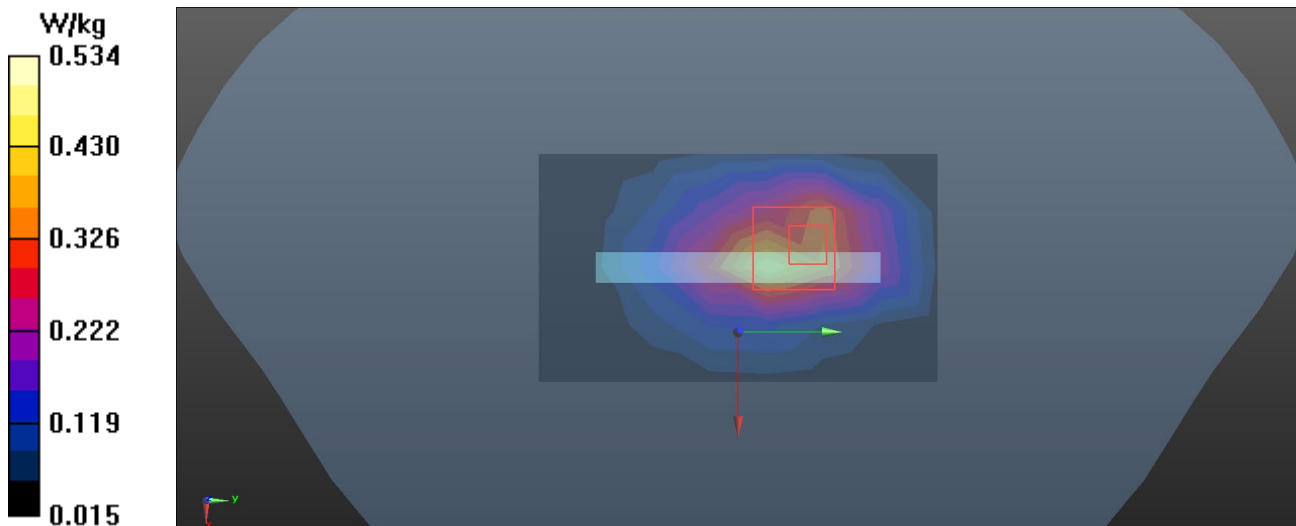
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.02 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.534 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/28

G48_GSM 850_GPRS4TX_CH190_Top Side_1cm_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 42.571$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 836.6 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.197 W/kg

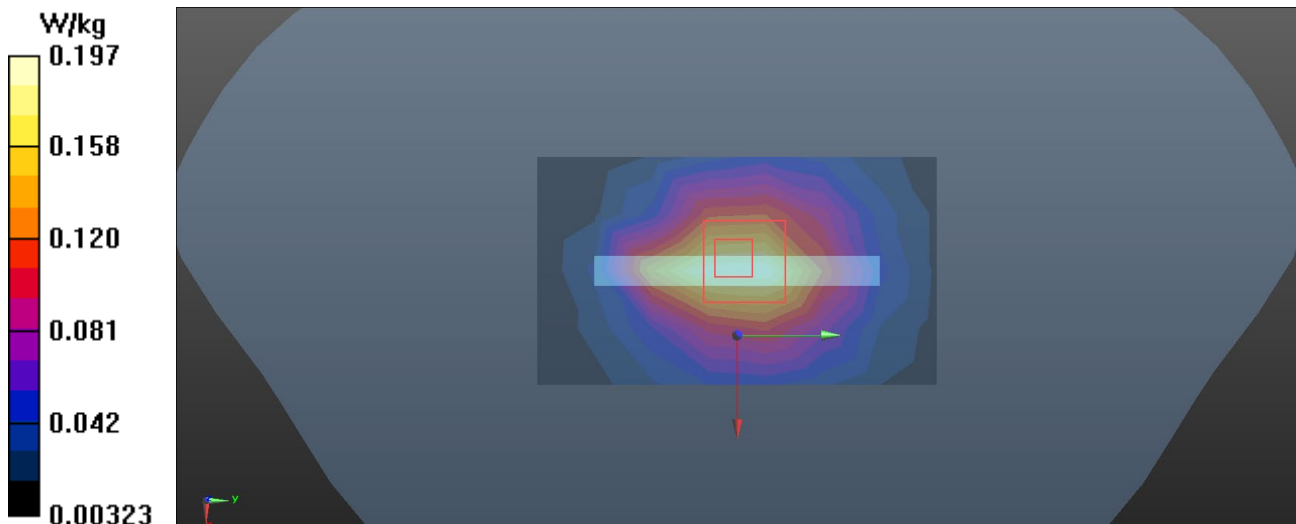
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.76 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.108 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/10/29

G59_GSM 1900_GPRS3TX_CH810_Bottom Side_1cm_Ant Down_SIM 1

DUT: Mobile Phone;

Communication System: UID 0, GPRS 3TX (0);

Frequency: 1880 MHz; Duty Cycle: 1:2.66

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.321$ S/m; $\epsilon_r = 40.98$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °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; Type: QD000P40CD; Serial: S/N:1811
- 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) = 0.226 W/kg

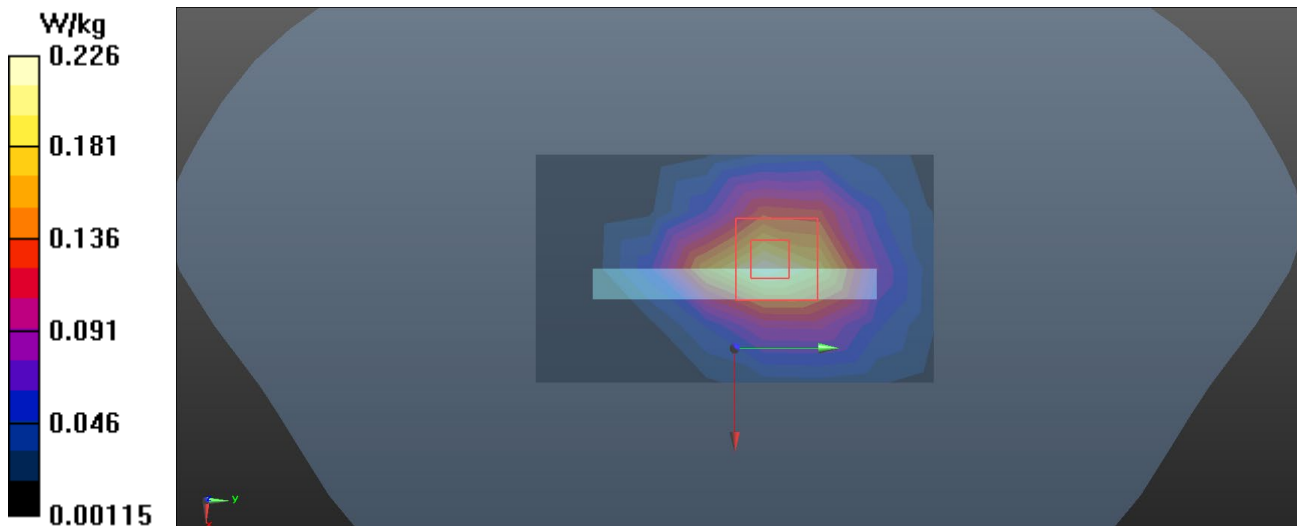
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.21 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.230 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/29

G70_GSM 1900_GPRS3TX_CH810_Top Side_1cm_Ant Up_SIM 1

DUT: Mobile Phone;

Communication System: UID 0, GPRS 3TX (0);

Frequency: 1909.8 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.345 \text{ S/m}$; $\epsilon_r = 40.882$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

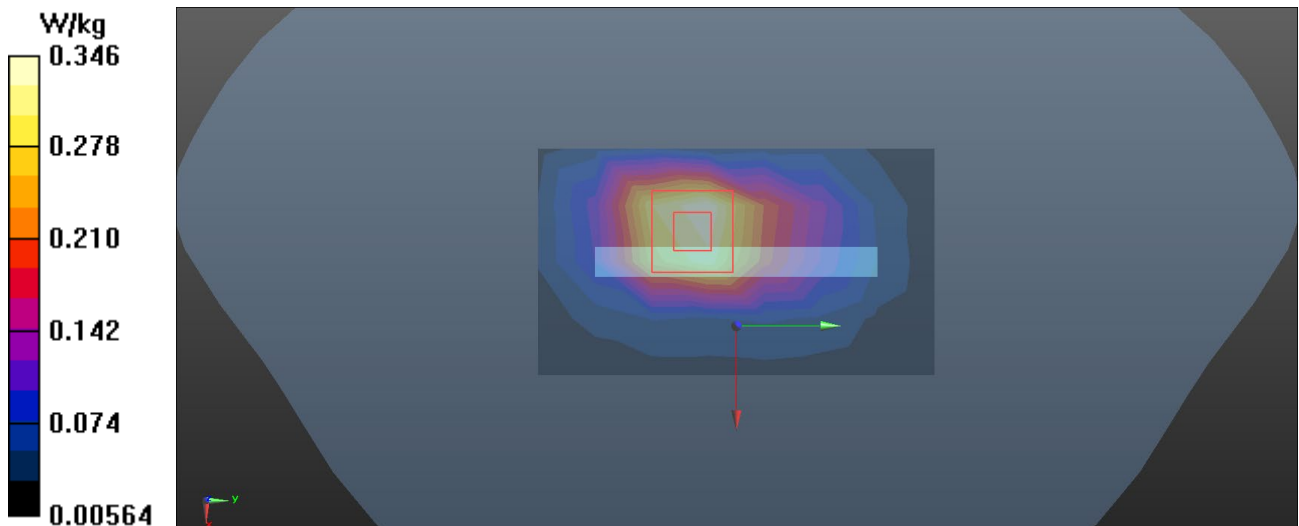
- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1909.8 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.346 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.52 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.714 W/kg
SAR(1 g) = 0.350 W/kg ; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.579 W/kg


Test Laboratory: BTL Inc.

Date: 2021/10/29

U49_UMTS B2_RMC12.2K_CH9400_Bottom Side_1cm_ANT Down_SIM 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; $\sigma = 1.321$ S/m; $\epsilon_r = 40.98$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °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; Type: QD000P40CD; Serial: S/N:1811
- 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) = 0.608 W/kg

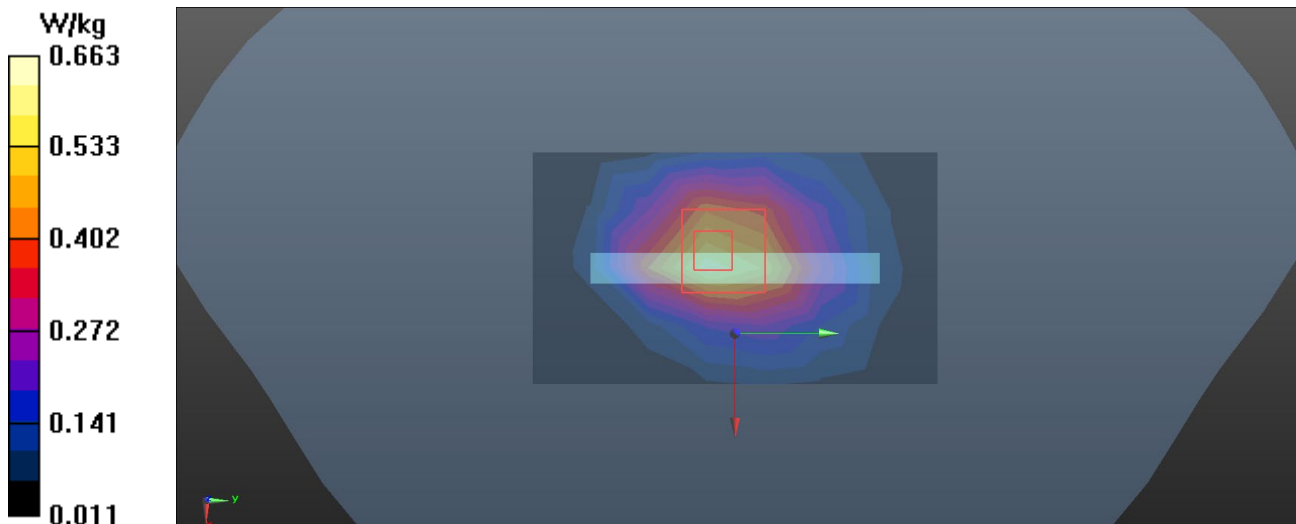
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.18 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.808 W/kg

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 0.663 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/29

U58_UMTS B2_RMC12.2K_CH9400_Top Side_1cm_ANT Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.321$ S/m; $\epsilon_r = 40.98$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °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; Type: QD000P40CD; Serial: S/N:1811
- 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) = 0.915 W/kg

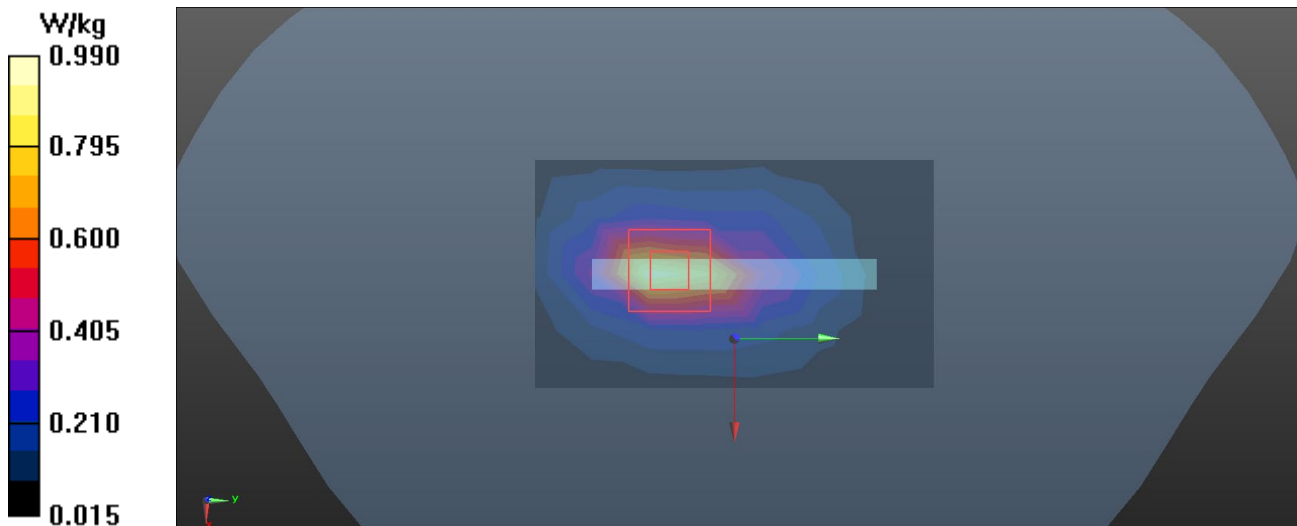
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.99 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.314 W/kg

Maximum value of SAR (measured) = 0.990 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/30

U69_UMTS B4_RMC12.2K_CH1413_Bottom Side_1cm_Ant Down_SIM 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; $\sigma = 1.363$ S/m; $\epsilon_r = 38.69$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.6 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

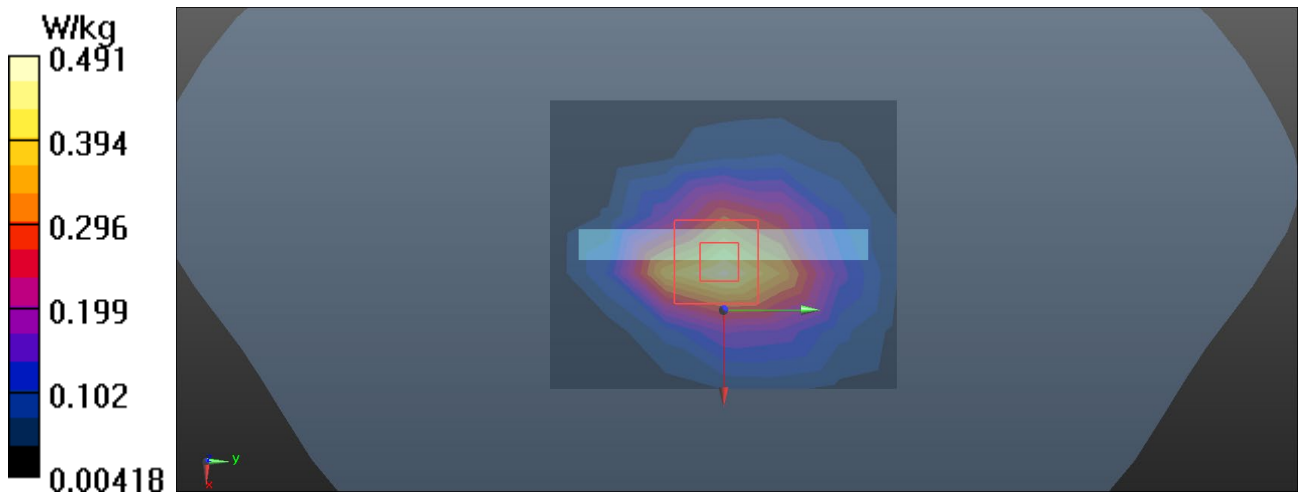
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.91 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.491 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/30

U79_UMTS B4_RMC12.2K_CH1413_Top Side_1cm_Ant Up_SIM 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; $\sigma = 1.363$ S/m; $\epsilon_r = 38.69$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.6 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.562 W/kg

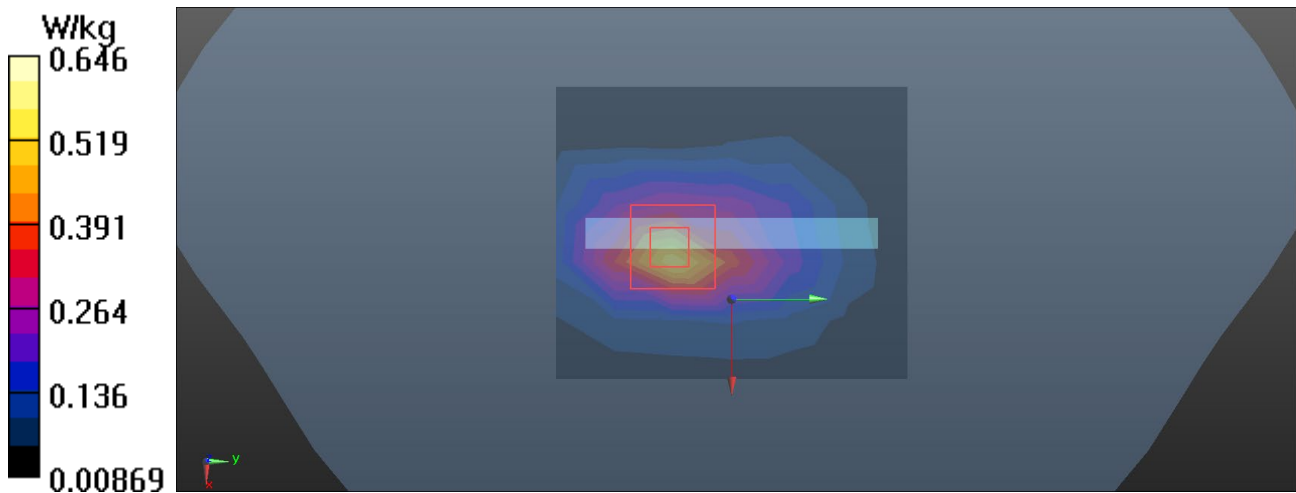
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.12 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.205 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/10/28

U87_UMTS B5_RMC12.2K_CH4182_Rear Face_1cm_Ant Down_SIM 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; $\sigma = 0.939$ S/m; $\epsilon_r = 42.572$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 836.4 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.265 W/kg

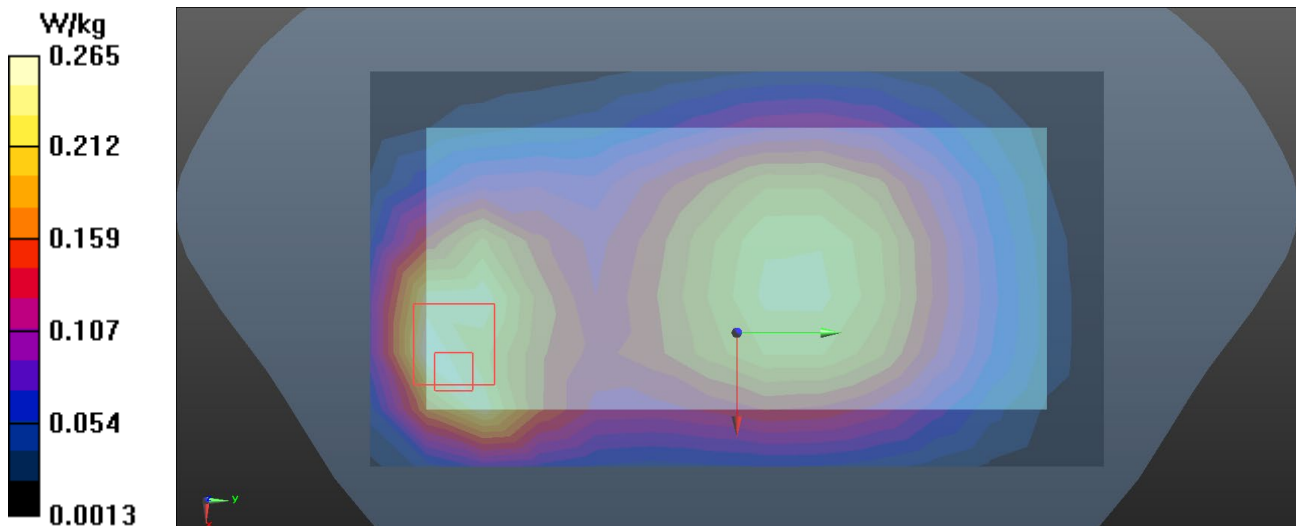
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.63 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.482 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.361 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/28

U101_UMTS B5_RMC12.2K_CH4182_Rear Face_1cm_Ant Up_SIM 2

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; $\sigma = 0.939$ S/m; $\epsilon_r = 42.572$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 835 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: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.150 W/kg

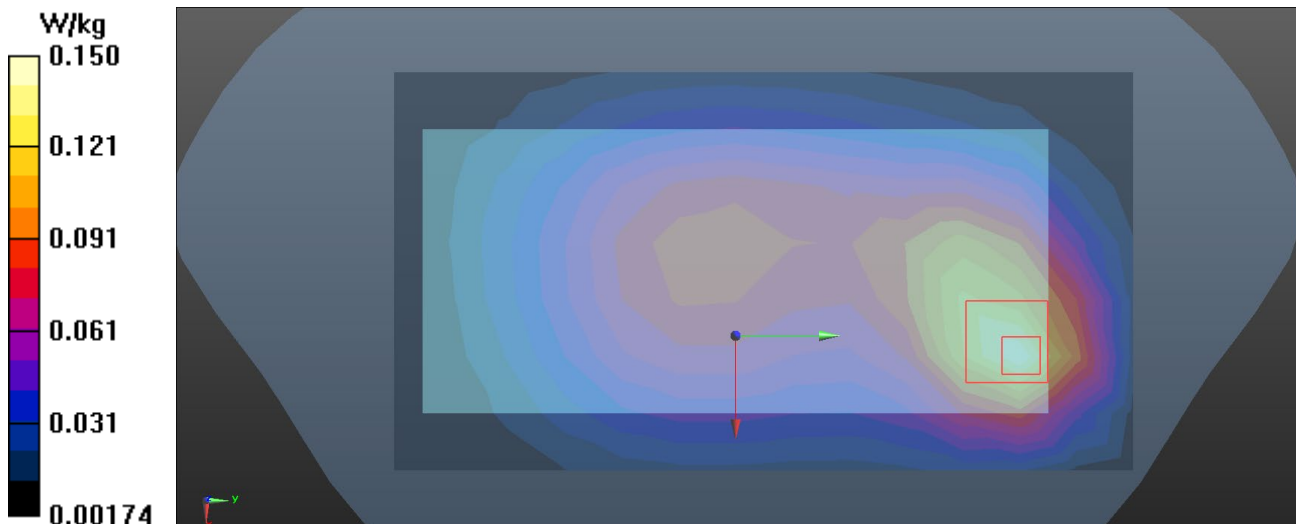
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.864 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.077 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/11/4

L265_LTE B2_QPSK20M_CH18700_50RB_Bottom Side_1cm_Ant Down_SIM 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);

Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1860$ MHz; $\sigma = 1.323$ S/m; $\epsilon_r = 40.106$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.99, 4.99, 4.99) @ 1860 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 (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

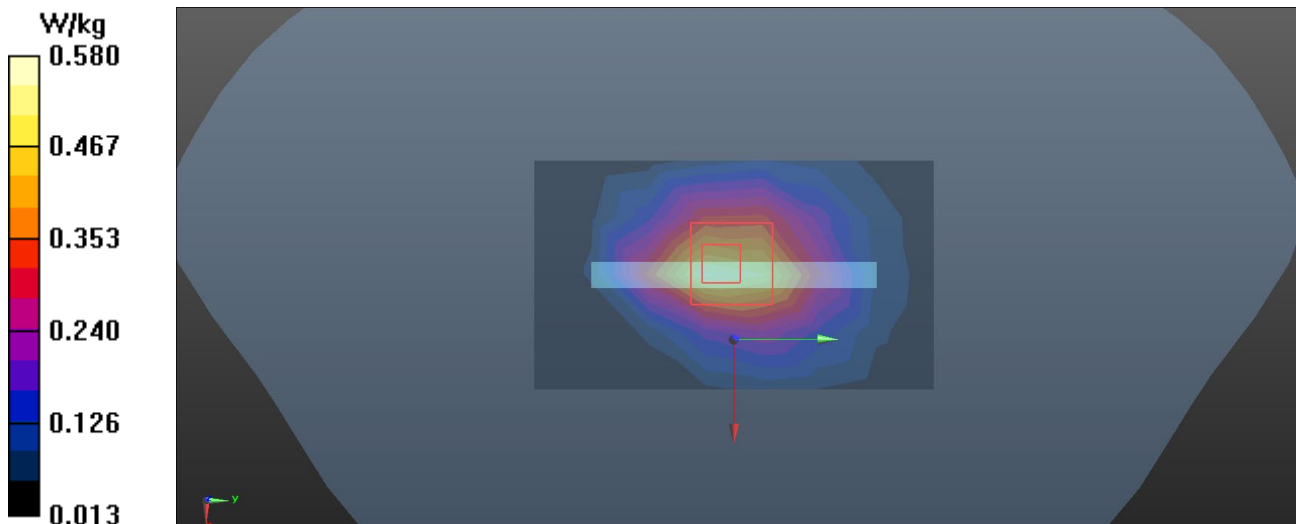
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.17 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.277 W/kg

Maximum value of SAR (measured) = 0.580 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/4

L281_LTE B2_QPSK20M_CH18700_50RB_Top Side_1cm_Ant Up_SIM 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);

Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1860 \text{ MHz}$; $\sigma = 1.323 \text{ S/m}$; $\epsilon_r = 40.106$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.99, 4.99, 4.99) @ 1860 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 (5x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.558 W/kg

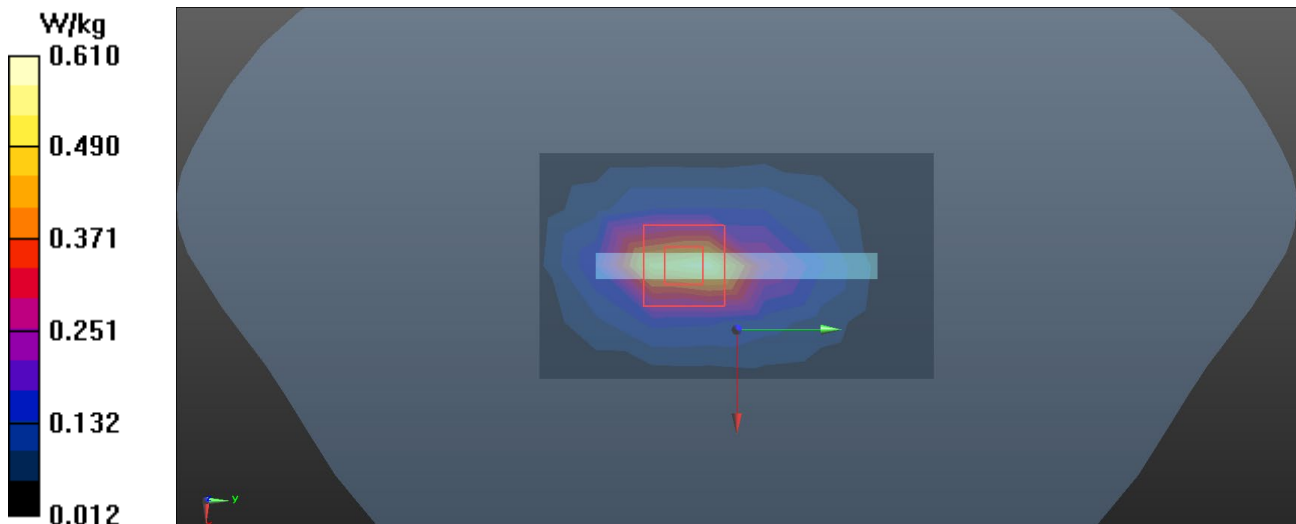
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.53 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.884 W/kg

SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.610 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/2

L299_LTE B4_QPSK20M_CH20175_50RB_Bottom Side_1cm_Ant Down_SIM 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);

Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 39.789$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.5 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.645 W/kg

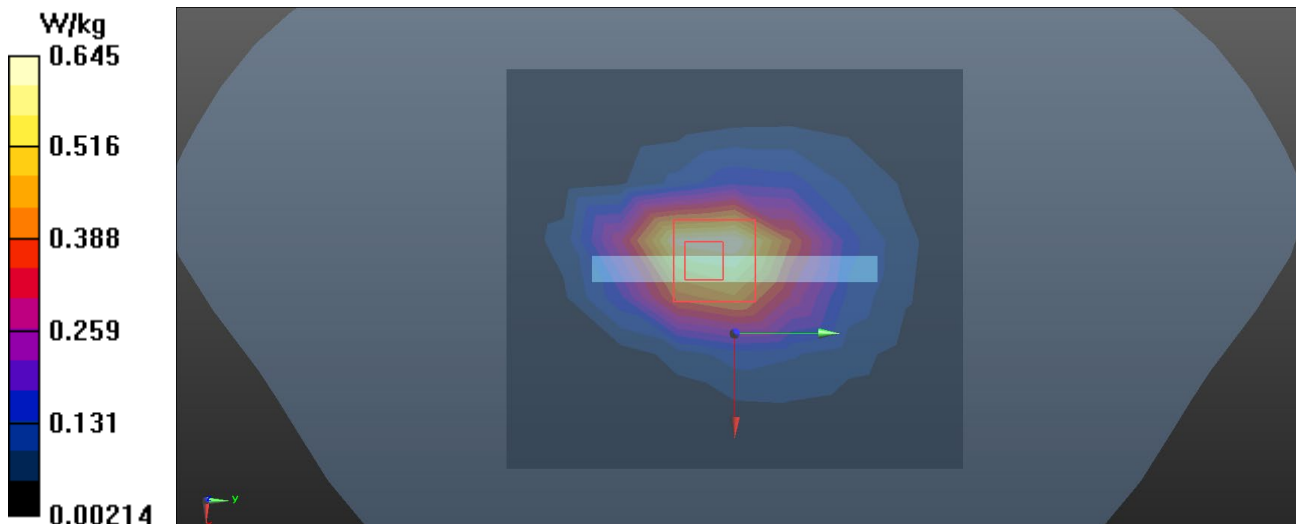
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.46 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.918 W/kg

SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 0.786 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/2

L315_LTE B4_QPSK20M_CH20175_50RB_Top Side_1cm_Ant Up_SIM 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);

Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 39.789$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.5 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.516 W/kg

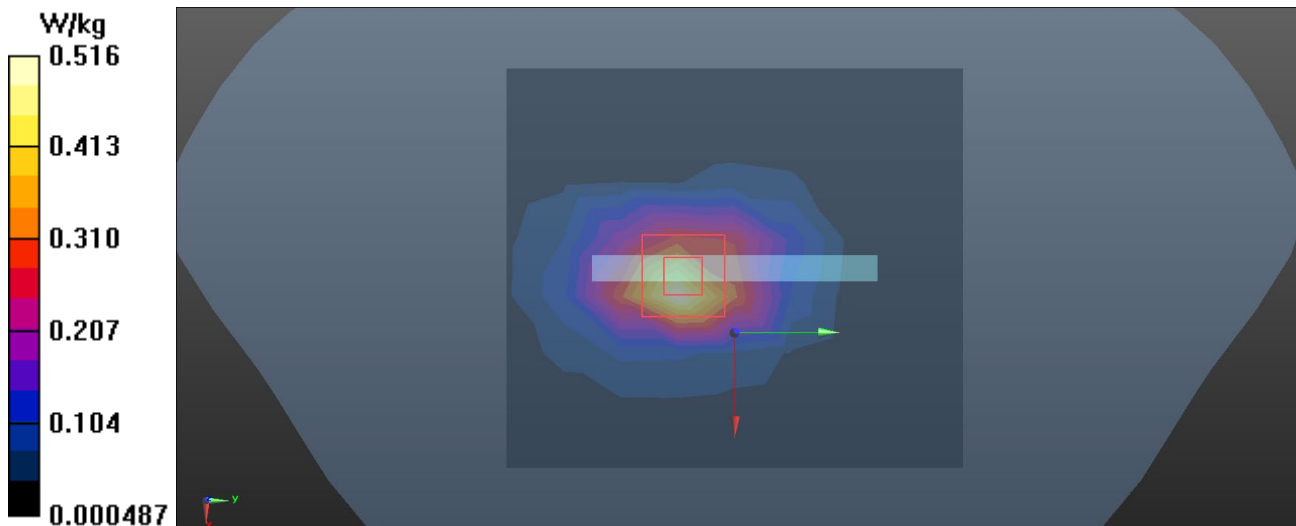
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.96 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.768 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 0.643 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/31

L334_LTE B5_QPSK10M_CH20525_25RB_Bottom Side_1cm_Ant Down_SIM 2

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0);

Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.172$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 836.5 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 (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.284 W/kg

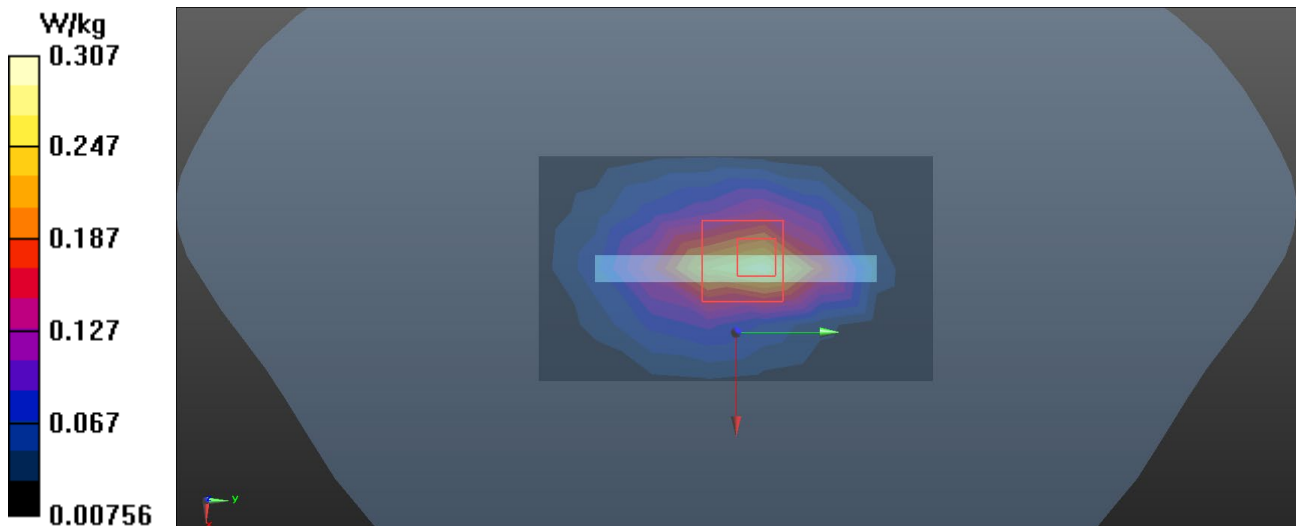
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.07 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.307 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/31

L349_LTE B5_QPSK10M_CH20525_25RB_Top Side_1cm_Ant Up_SIM 1

DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0);

Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.172$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 836.5 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 (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

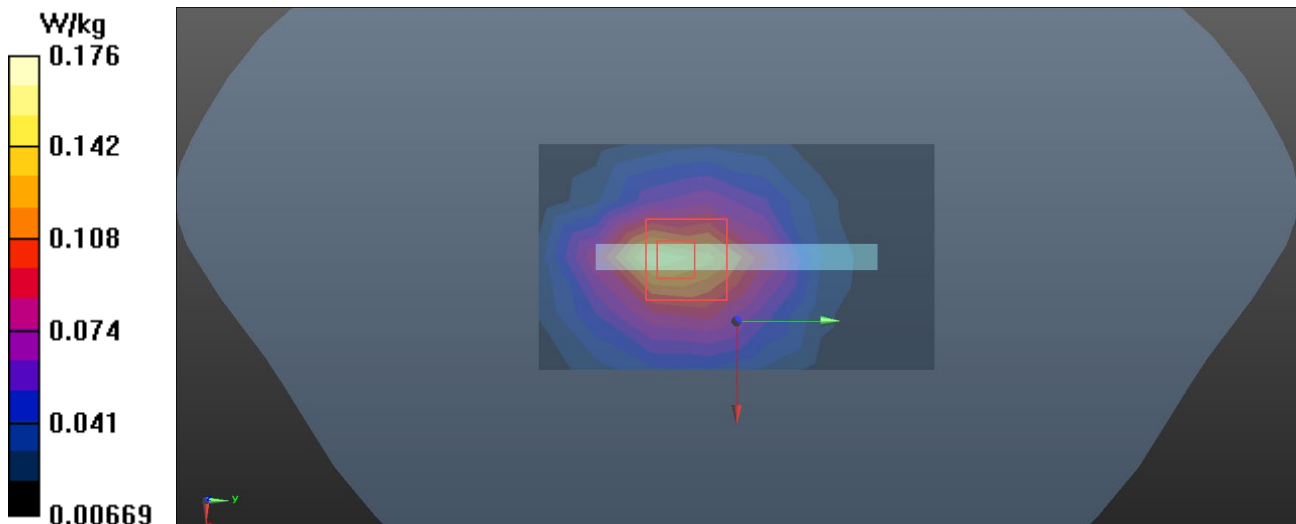
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.28 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.176 W/kg



Test Laboratory: BTL,Inc

Date: 2021/11/6

L359_LTE B7_QPSK20M_CH21100_1RB_Rear Face_1cm_Ant Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.877 \text{ S/m}$; $\epsilon_r = 39.423$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.08 W/kg

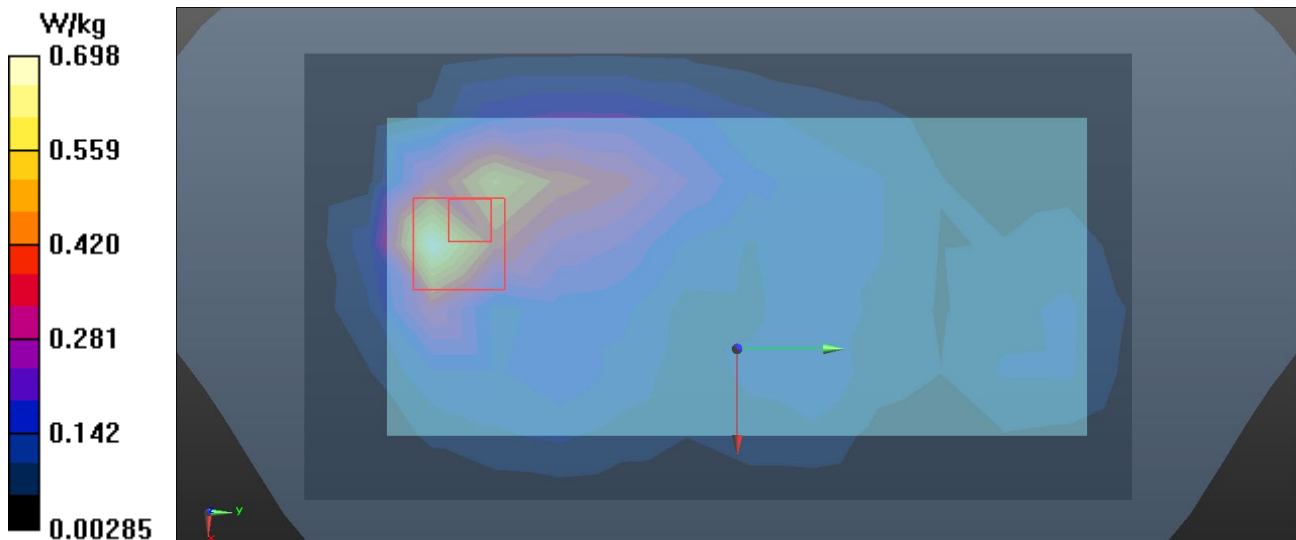
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.679 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.632 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/6

L384_LTE B7_QPSK20M_CH21100_1RB_Top Side_1cm_Ant Up_SIM 2

DUT: Mobile Phone;

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

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.877 \text{ S/m}$; $\epsilon_r = 39.423$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x12x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.871 W/kg

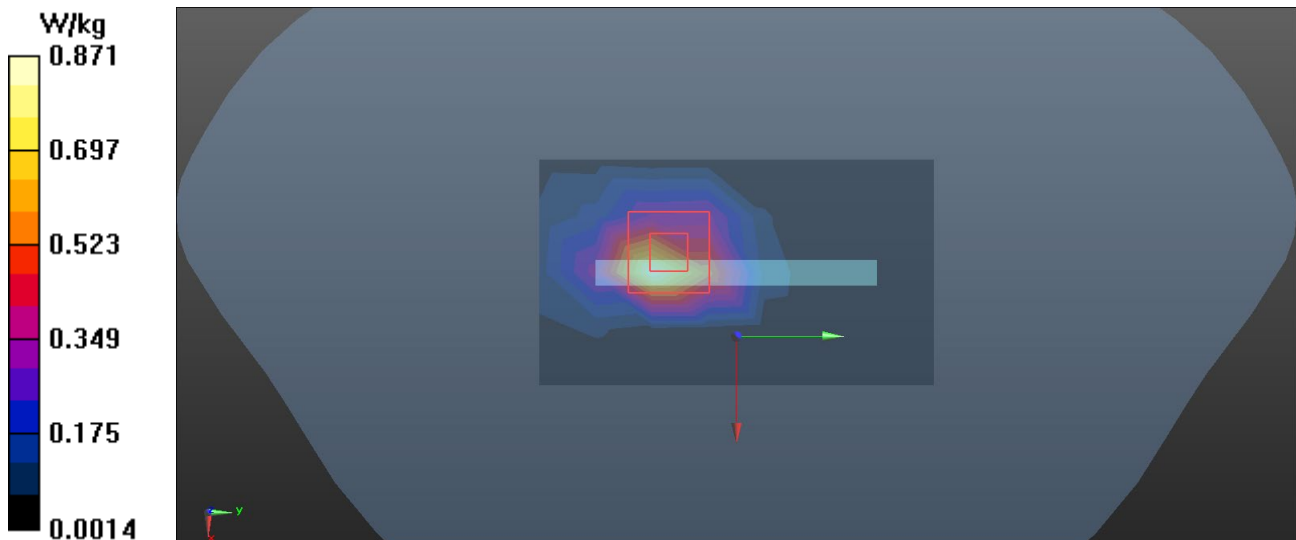
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.30 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.260 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/11/9

L394_LTE B12_QPSK10M_CH23095_1RB_Left Side_1cm_Ant Down_SIM 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; $\sigma = 0.862$ S/m; $\epsilon_r = 42.859$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 707.5 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 (6x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.257 W/kg

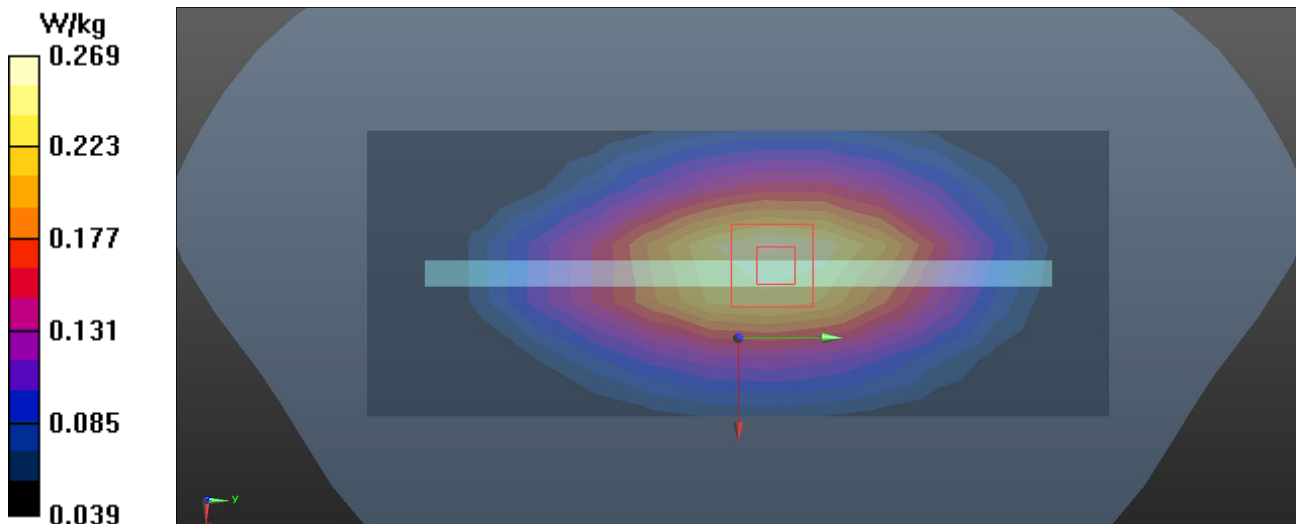
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.89 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.168 W/kg

Maximum value of SAR (measured) = 0.269 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/9

L413_LTE B12_QPSK10M_CH23095_1RB_Top Side_1cm_Ant Up_SIM 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; $\sigma = 0.861$ S/m; $\epsilon_r = 43.625$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 707.5 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 (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0447 W/kg

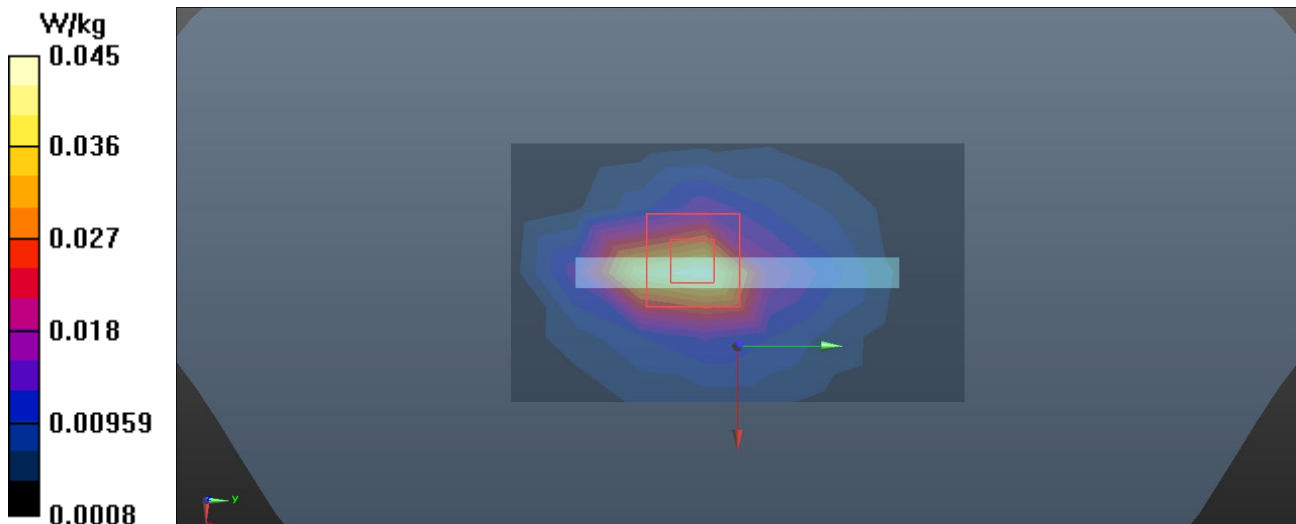
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.131 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0590 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0267 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/9

L428_LTE B17_QPSK10M_CH23790_1RB_Left Side_1cm_Ant Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.864 \text{ S/m}$; $\epsilon_r = 42.836$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.3 \text{ }^{\circ}\text{C}$; Liquid Temperature: $22.3 \text{ }^{\circ}\text{C}$

DASY Configuration:

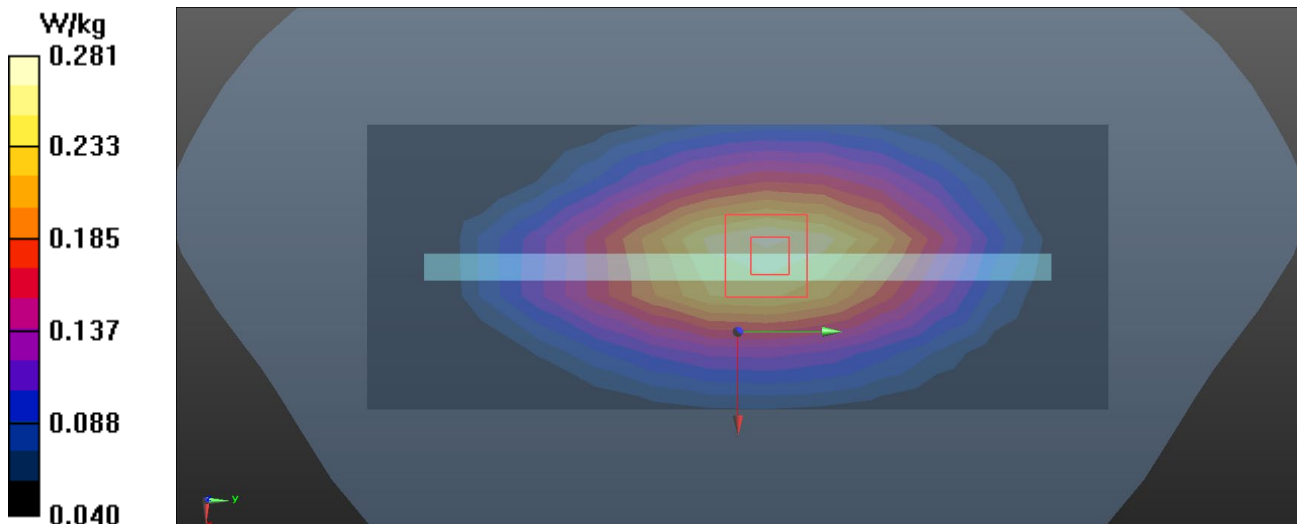
- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 710 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.270 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.21 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.346 W/kg
SAR(1 g) = 0.247 W/kg ; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.281 W/kg


Test Laboratory: BTL Inc.

Date: 2021/11/9

L447_LTE B17_QPSK10M_CH23790_1RB_Top Side_1cm_Ant Up_SIM 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; $\sigma = 0.861$ S/m; $\epsilon_r = 43.625$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 710 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 (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0448 W/kg

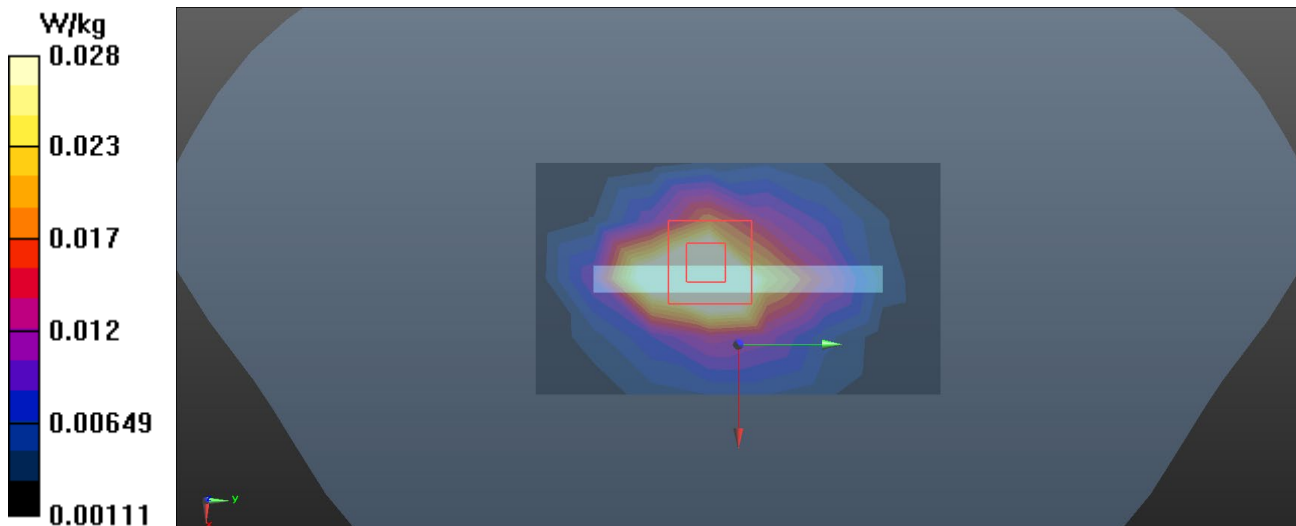
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.015 V/m; Power Drift = 0.35 dB

Peak SAR (extrapolated) = 0.0610 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0280 W/kg



Test Laboratory: BTL Inc.

Date: 2021/10/31

L470_LTE B26_QPSK15M_CH26765_1RB_Rear Face_1cm_Ant Down_SIM 2

DUT: Mobile Phone;

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

Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 42.04$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 821.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

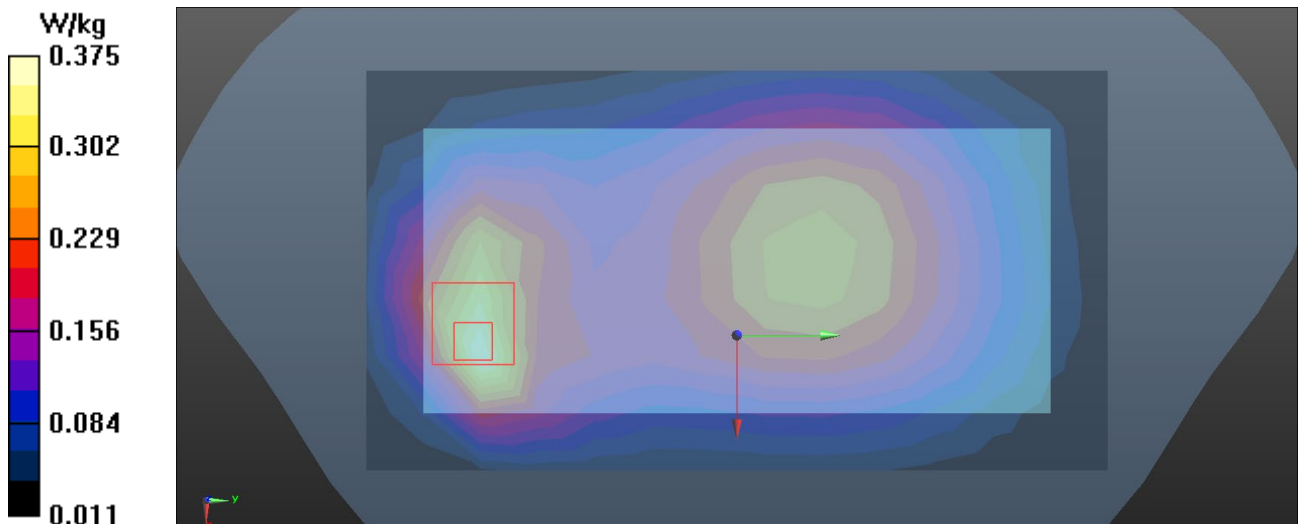
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.21 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.171 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/10/31

L479_LTE B26_QPSK15M_CH26765_1RB_Rear Face_1cm_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 42.04$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 821.5 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 (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.107 W/kg

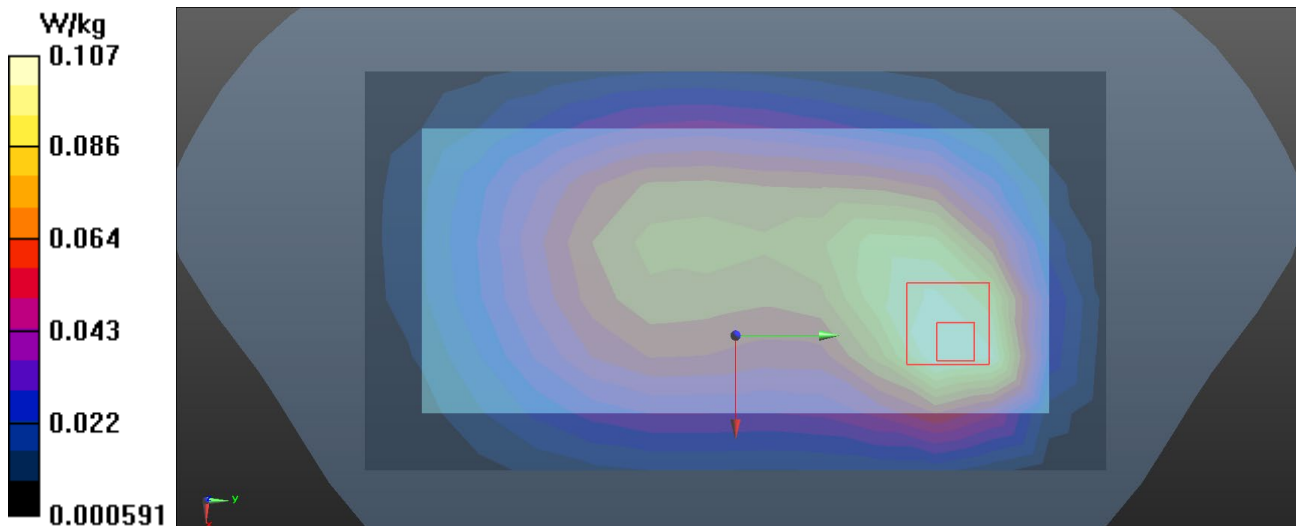
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.883 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.059 W/kg

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



Test Laboratory: BTL Inc

Date: 2021/11/6

L495_LTE B38_QPSK20M_CH38000_1RB_Rear Face_1cm_Ant Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2595$ MHz; $\sigma = 1.946$ S/m; $\epsilon_r = 39.221$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.443 W/kg

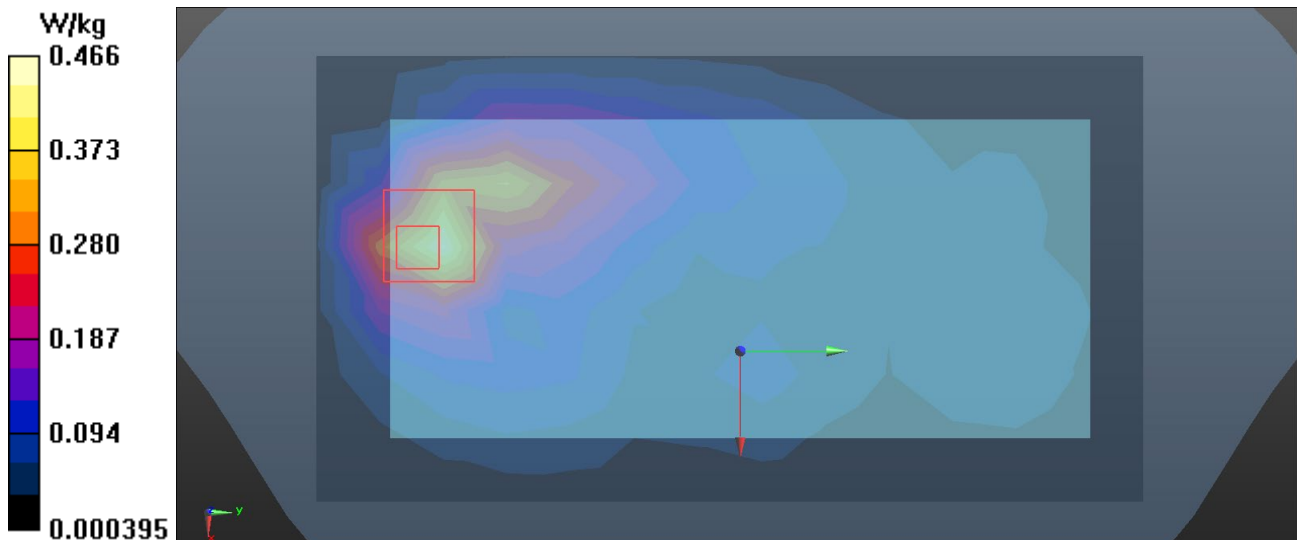
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.462 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.466 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/6

L513_LTE B38_QPSK20M_CH38150_1RB_Rear Face_1cm_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2610$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 39.174$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.69, 7.69, 7.69) @ 2610 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.743 W/kg

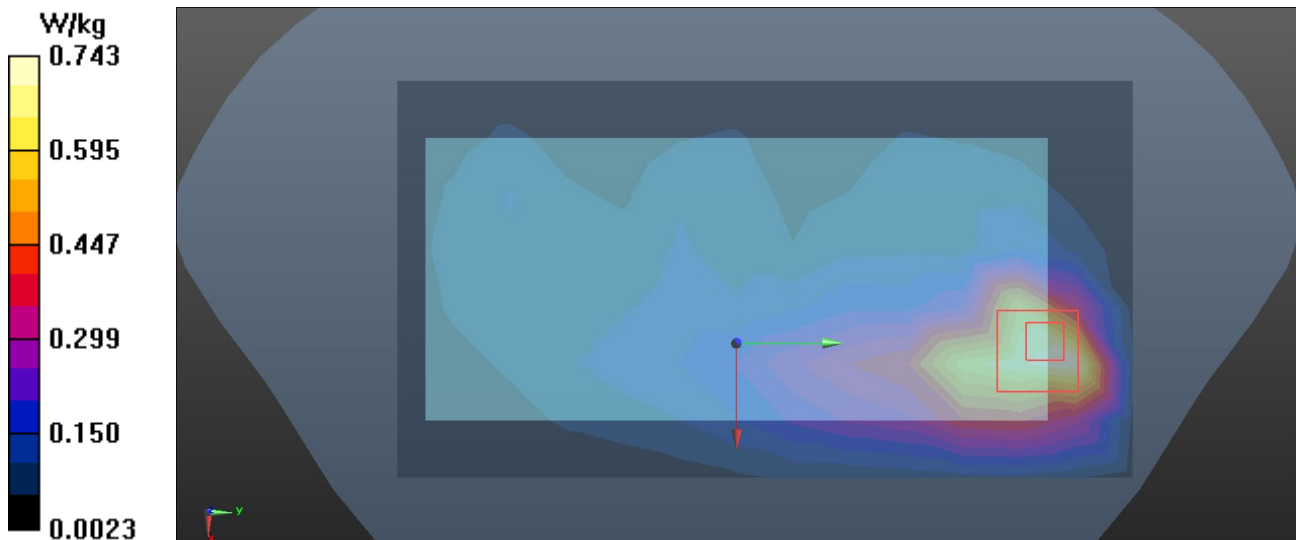
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.124 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.917 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/7

L563_LTE B41_QPSK20M_CH39750_1RB_Rear Face_1cm_Ant Down_SIM 1

DUT: Mobile Phone;

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

Frequency: 2506 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.852$ S/m; $\epsilon_r = 39.54$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2506 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.391 W/kg

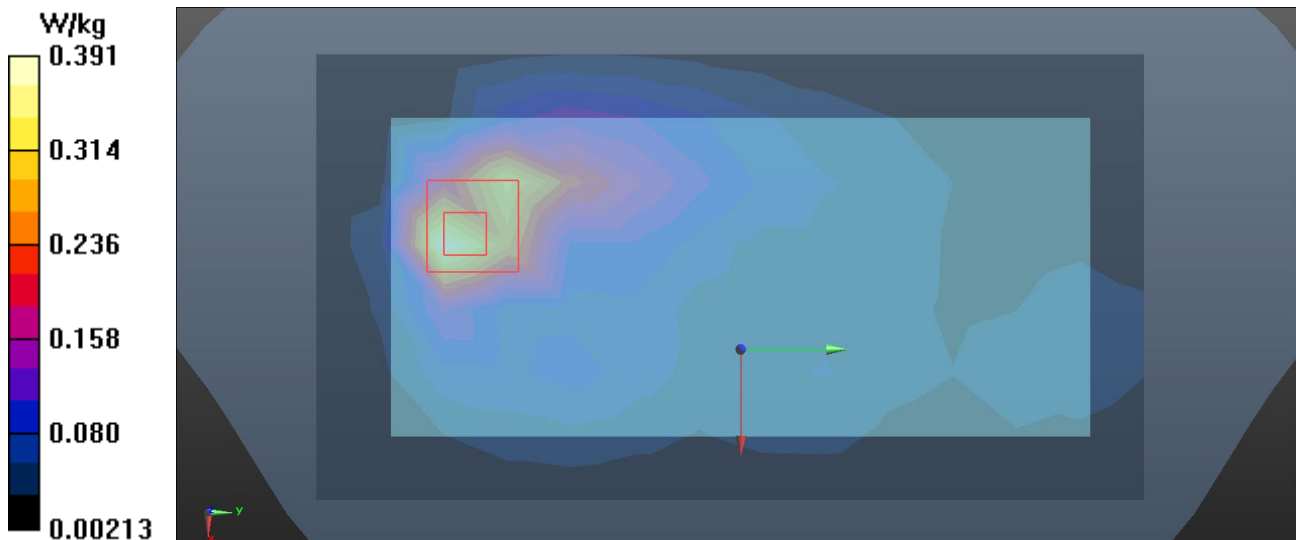
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.698 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.555 W/kg

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.430 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/7

L583_LTE B41_QPSK20M_CH39750_1RB_Top Side_1cm_Ant Up_SIM 1

DUT: Mobile Phone;

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

Frequency: 2506 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 39.016$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(7.35, 7.35, 7.35) @ 2506 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x8x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

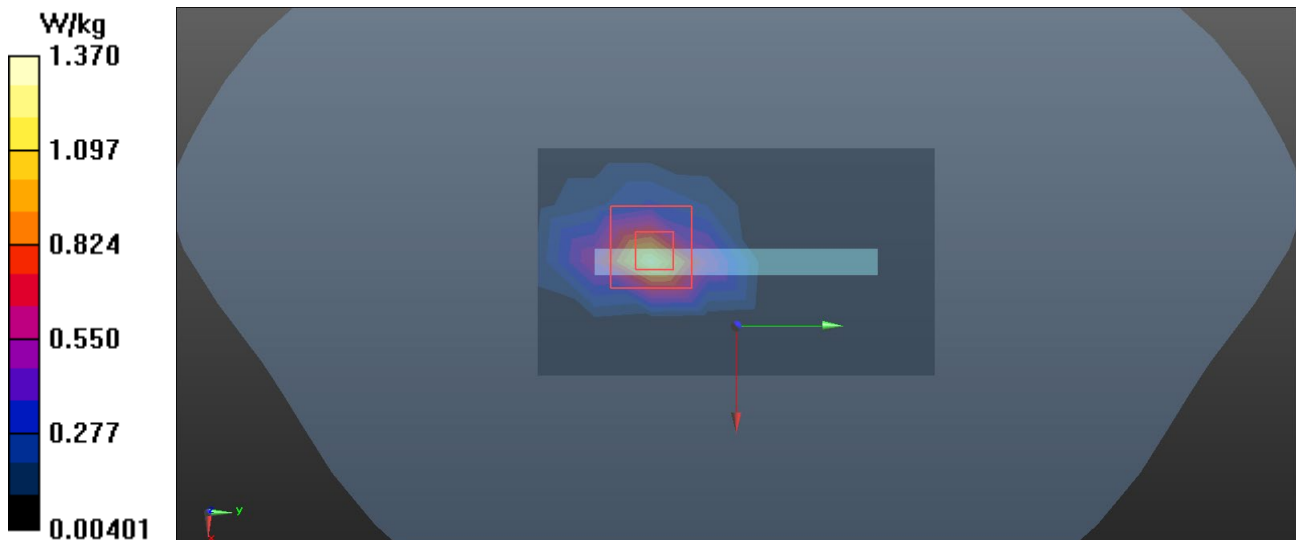
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.10 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/2

L605_LTE B66_QPSK20M_CH132322_50RB_Bottom Side_1cm_Ant Down_SIM 1

DUT: Mobile Phone;

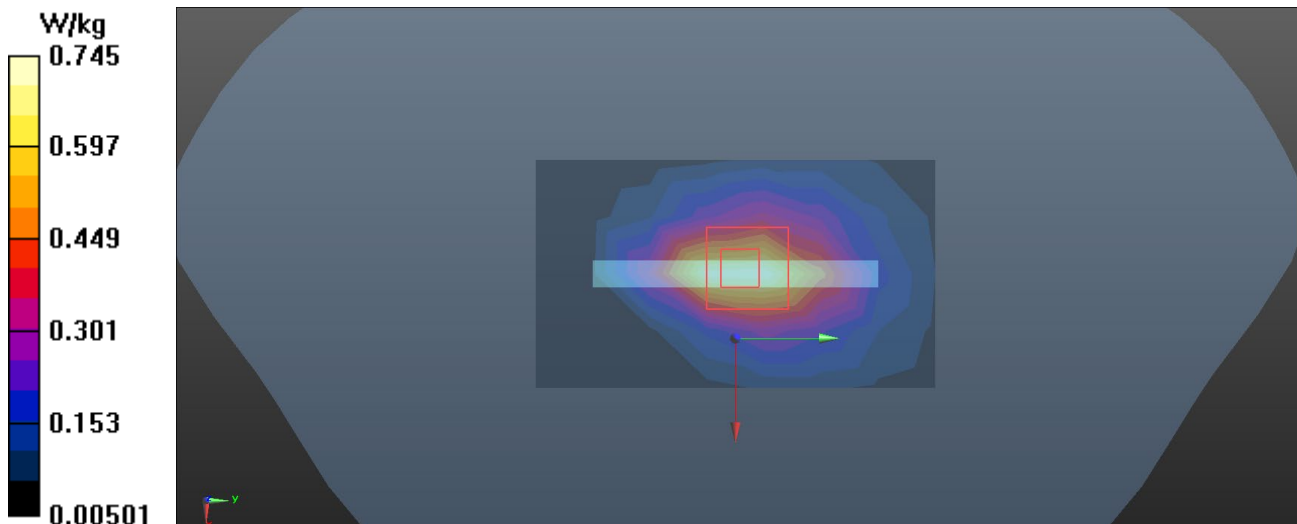
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);
Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 39.151$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1745 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.745 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 24.59 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.930 W/kg
SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.303 W/kg
Maximum value of SAR (measured) = 0.793 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/2

L617_LTE B66_QPSK20M_CH132322_1RB_Top Side_1cm_Ant Up_SIM 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; $\sigma = 1.392$ S/m; $\epsilon_r = 39.151$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1745 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- 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) = 0.601 W/kg

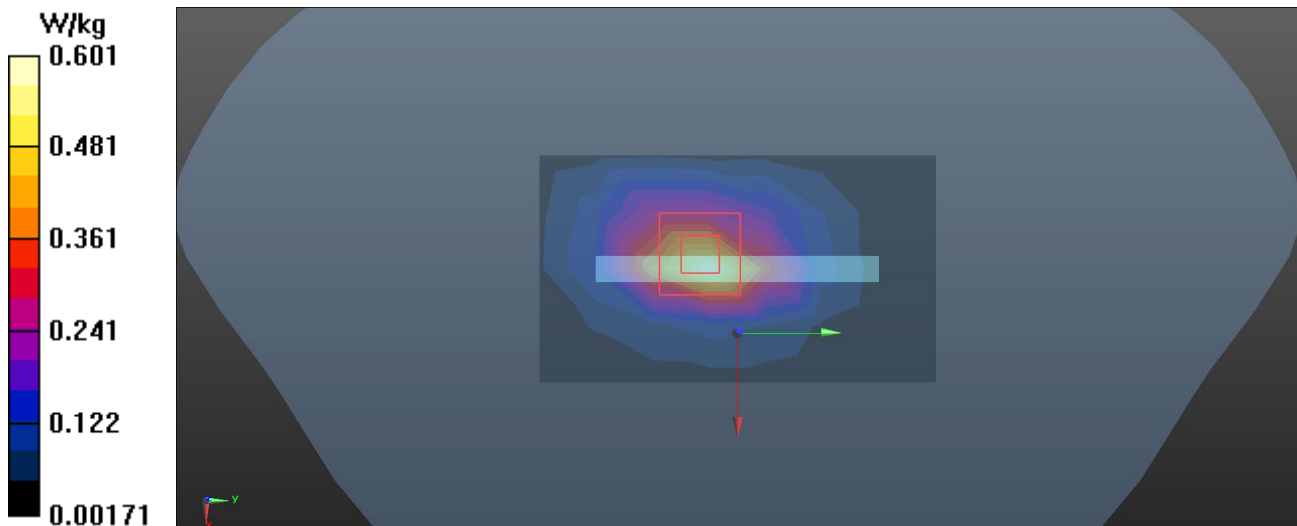
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.66 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.678 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/10

W65_802.11b_CH6_Top Side_1cm

DUT: Mobile Phone;

Communication System: UID 0, 802.11b (0);

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.799$ S/m; $\epsilon_r = 38.473$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2437 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x8x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.565 W/kg

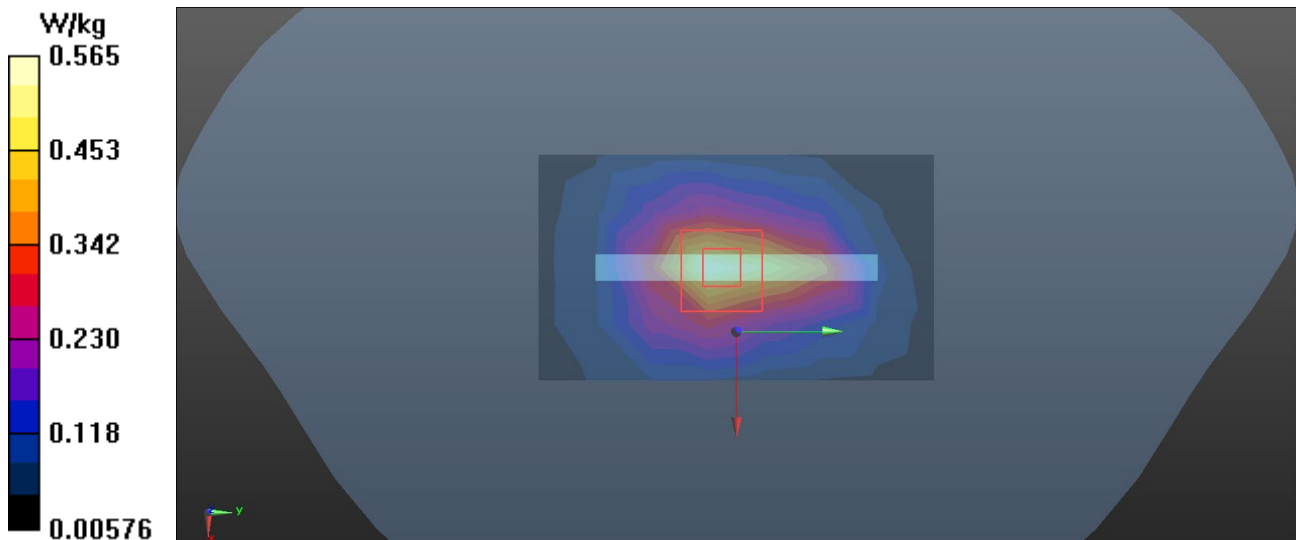
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.96 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.730 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.589 W/kg



Test Laboratory: BTL,Inc

Date: 2021/11/11

W81_802.11n HT40_CH46_Top Side_1cm

DUT: Mobile Phone;

Communication System: UID 0, 802.11n (0);

Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230 \text{ MHz}$; $\sigma = 4.643 \text{ S/m}$; $\epsilon_r = 36.268$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

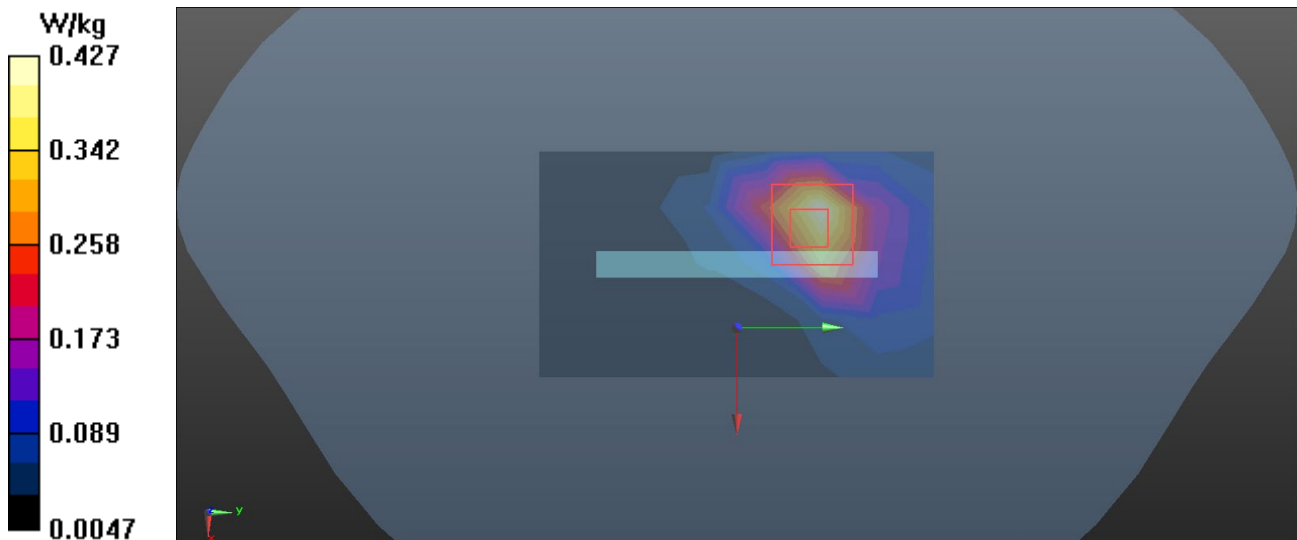
- Probe: EX3DV4 - SN3974; ConvF(5.8, 5.8, 5.8) @ 5230 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.427 W/kg
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.472 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.249 W/kg ; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.579 W/kg


Test Laboratory: BTL,Inc

Date: 2021/11/11

W109_802.11ac VHT80_CH155_Rear Face_1cm

DUT: Mobile Phone;

Communication System: UID 0, 802.11ac (0);

Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.327 \text{ S/m}$; $\epsilon_r = 34.823$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5775 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: SAM Left; Type: Twin SAM; Serial: 1784
- 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) = 0.664 W/kg

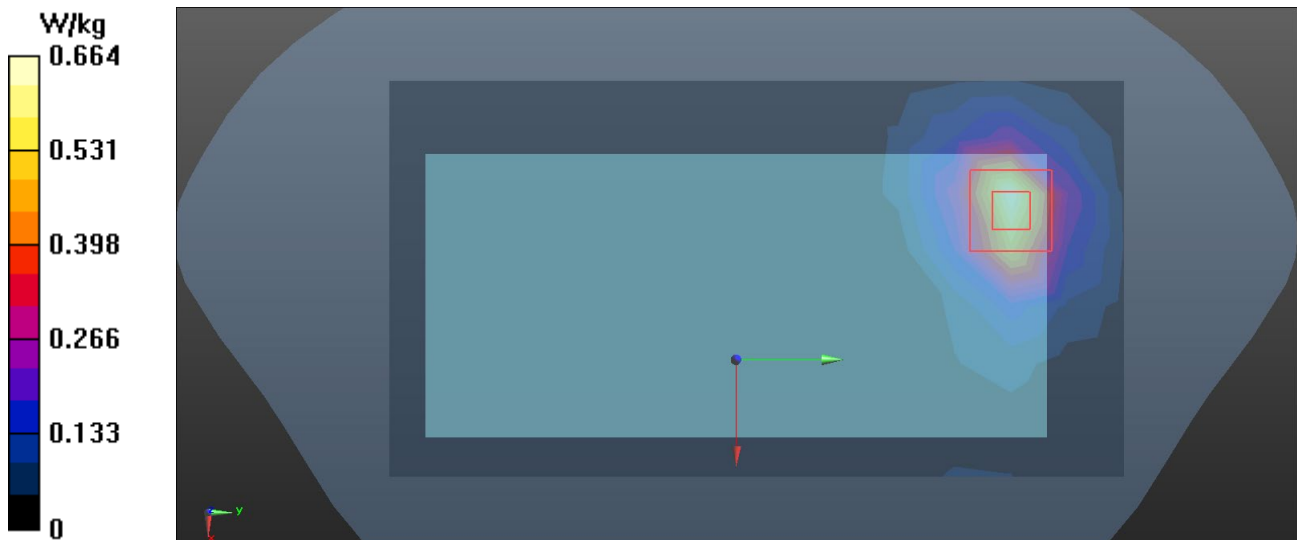
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.279 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.716 W/kg



Test Laboratory: BTL.Inc

Date: 2021/11/10

B12_BT DH5_CH0_Top Side_0cm

DUT: Mobile Phone;

Communication System: UID 0, BT (0);

Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.74$ S/m; $\epsilon_r = 39.864$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2402 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 0.273 W/kg

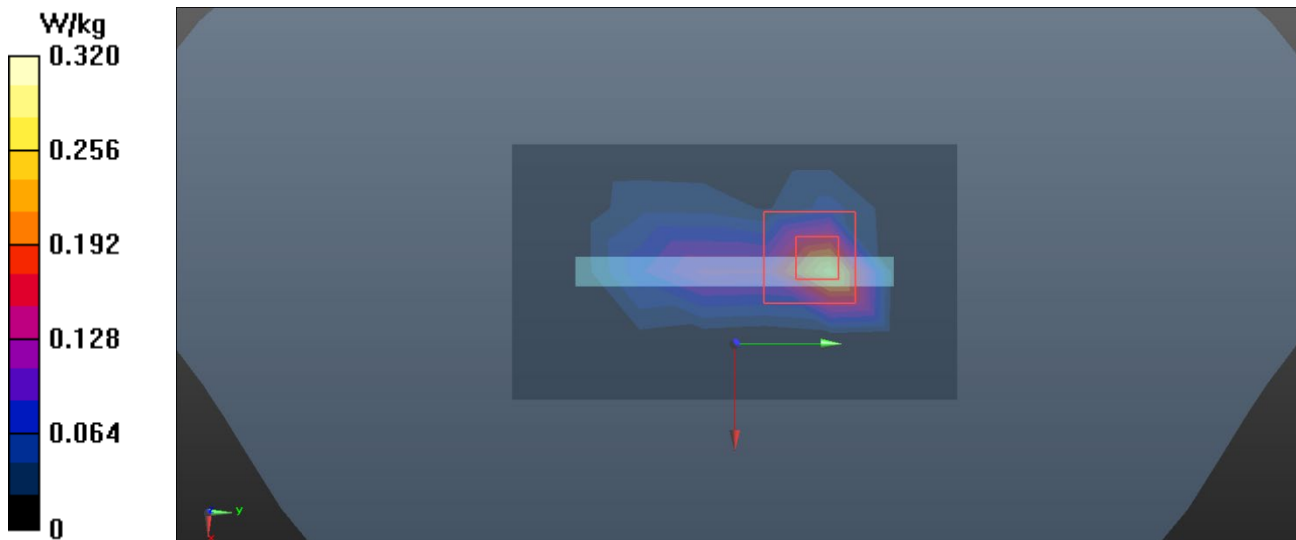
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.642 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.320 W/kg



Test Laboratory: BTL,Inc

Date: 2021/11/11

W91_802.11n HT40_CH54_Top Side_0cm

DUT: Mobile Phone;

Communication System: UID 0, 802.11n (0);

Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 4.681 \text{ S/m}$; $\epsilon_r = 36.151$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.55, 5.55, 5.55) @ 5270 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: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 9.20 W/kg

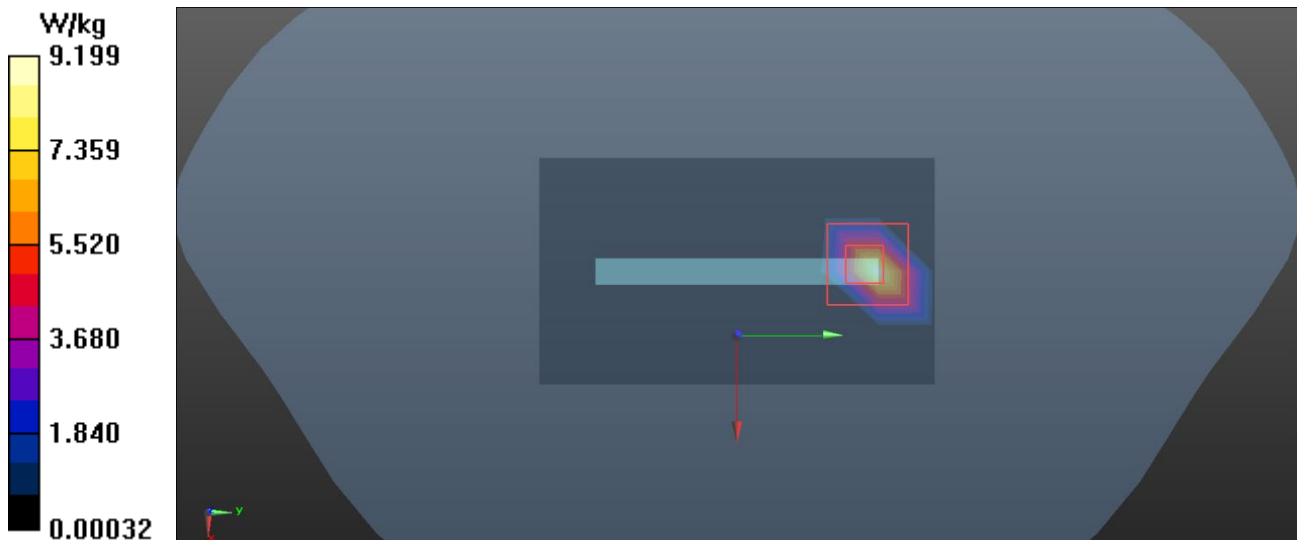
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.160 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 19.2 W/kg

SAR(1 g) = 3.18 W/kg; SAR(10 g) = 0.631 W/kg

Maximum value of SAR (measured) = 9.67 W/kg



Test Laboratory: BTL,Inc

Date: 2021/11/11

W101_802.11ac VHT80_CH138_Top Side_0cm

DUT: Mobile Phone;

Communication System: UID 0, 802.11ac (0);

Frequency: 5690 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5690$ MHz; $\sigma = 5.22$ S/m; $\epsilon_r = 35.019$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(4.94, 4.94, 4.94) @ 5690 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: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 4.25 W/kg

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

Reference Value = 12.64 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 2.35 W/kg; SAR(10 g) = 0.555 W/kg

Maximum value of SAR (measured) = 7.51 W/kg

