

Test Laboratory: BTL Inc.

Date: 2021/8/13

G01_GSM 850_GSM_CH190_Right Cheek_Ant Main_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; $\sigma = 0.913$ S/m; $\epsilon_r = 42.101$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °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: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.238 W/kg

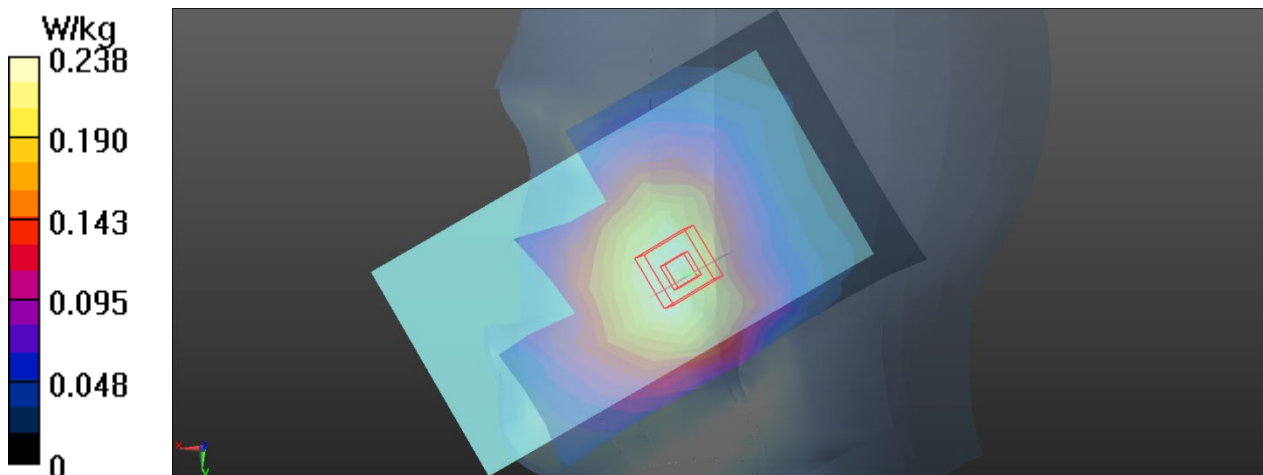
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.528 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.247 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/15

G07_GSM 1900_GSM_CH661_Right Cheek_Ant Main_SIM 1**DUT: Mobile Phone;**

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

Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 40.938$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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) = 0.116 W/kg

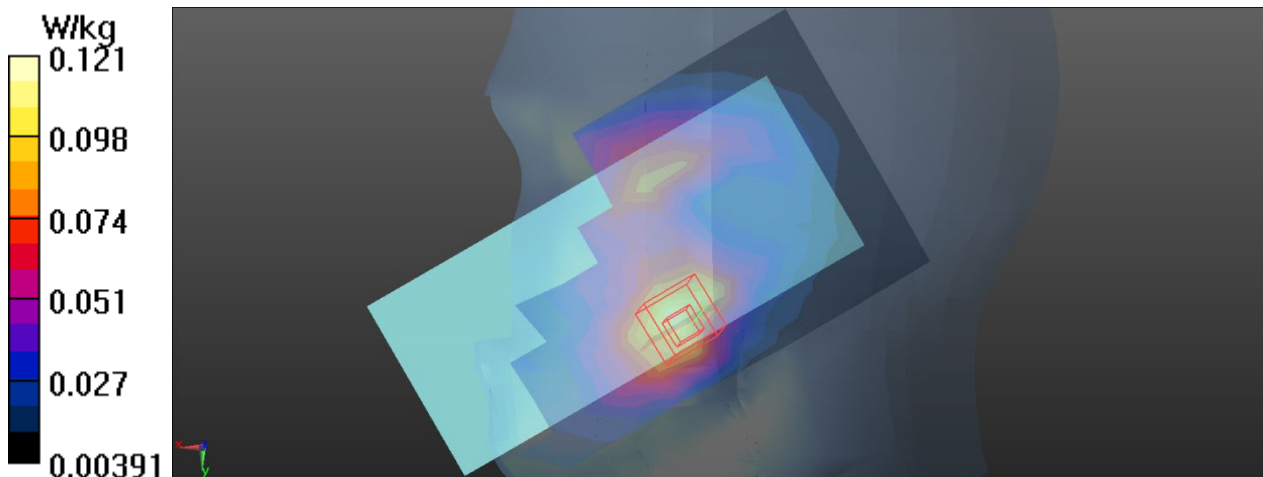
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.273 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.121 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/15

U01_UMTS B2_RMC12.2K_CH9400_Right Cheek_Ant Main_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; $\sigma = 1.32$ S/m; $\epsilon_r = 40.938$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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) = 0.133 W/kg

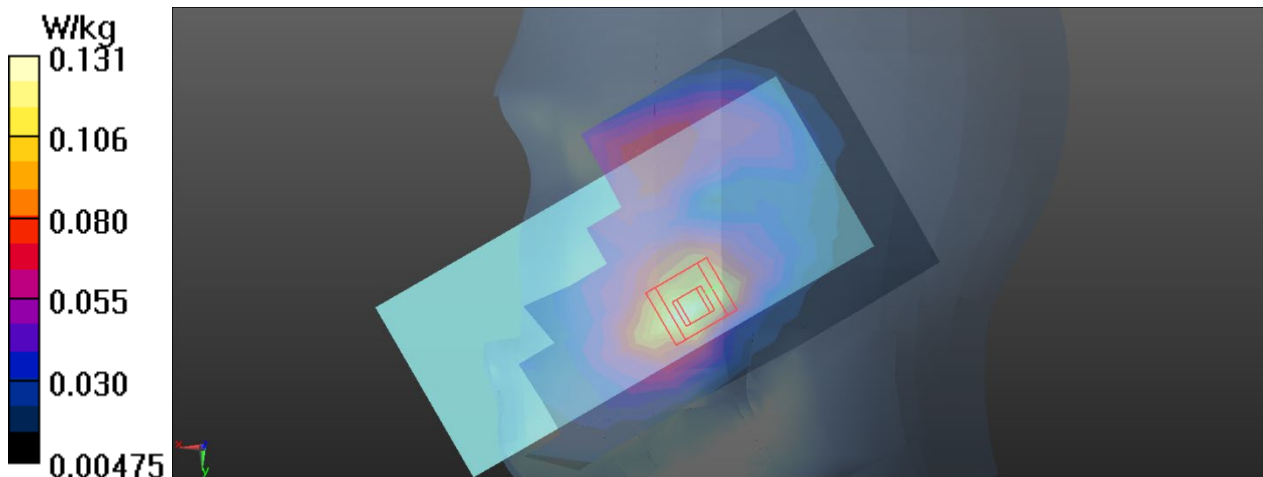
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.922 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.131 W/kg



Test Laboratory: BTL, Inc

Date: 2021/8/17

U07_UMTS B4_RMC12.2K_CH1413_Right Cheek_Ant Main_SIM 1**DUT: Mobile Phone;**

Communication System: UID 0, WCDMA (0);

Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 39.945$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1732.6 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

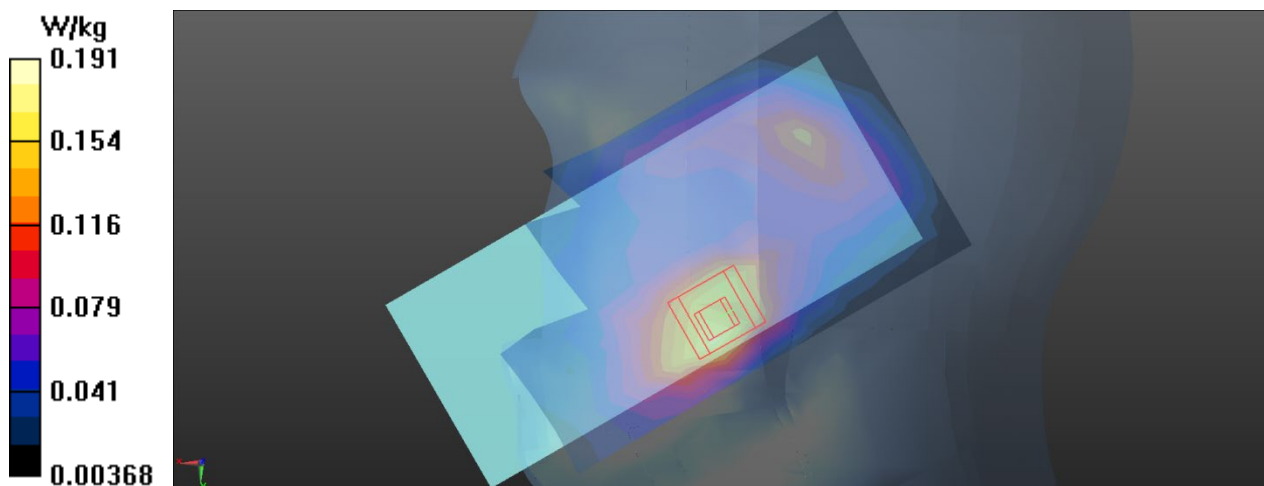
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.745 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.092 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/8/13

U15_UMTS B5_RMC12.2K_CH4182_Left Cheek_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 42.103$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °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: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.298 W/kg

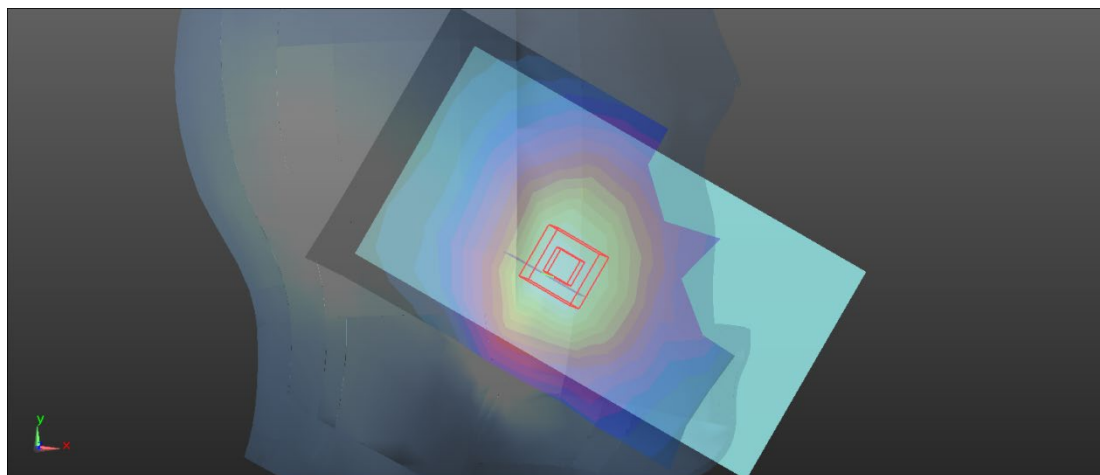
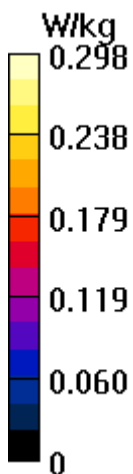
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.406 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.187 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/8/15

L01_LTE B2_QPSK20M_CH18700_Right Cheek_Ant Main_SIM 1**DUT: Mobile Phone;**

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

Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 39.623$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.2 °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) = 0.201 W/kg

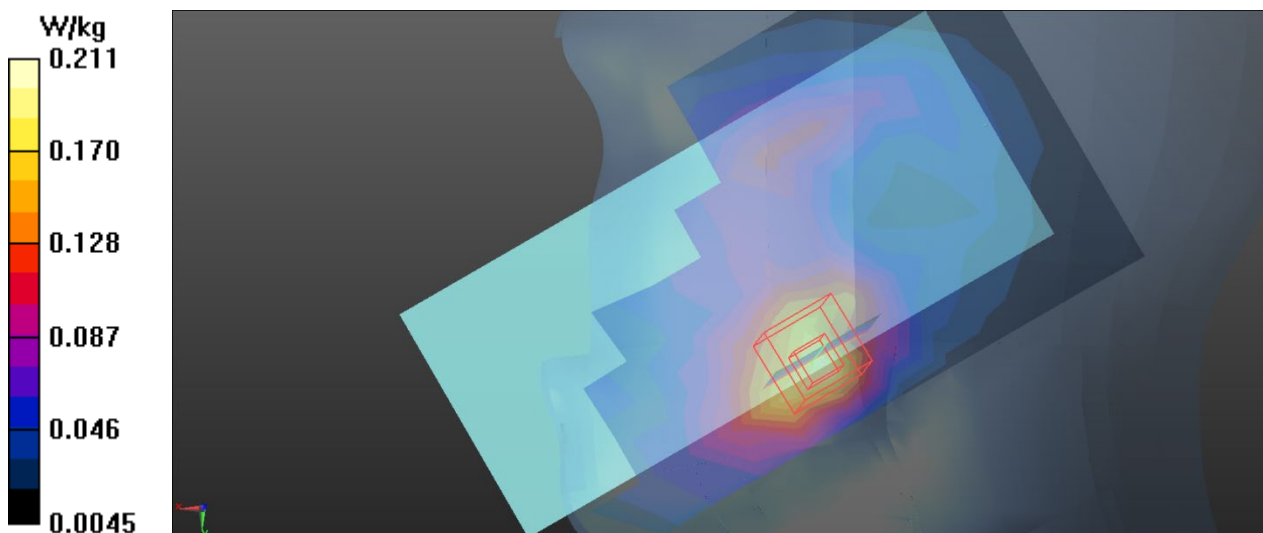
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.427 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.211 W/kg



Test Laboratory: BTL,Inc

Date: 2021/8/17

L11_LTE B4_QPSK20M_CH20050_1RB_Right Cheek_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 39.961$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1720 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

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

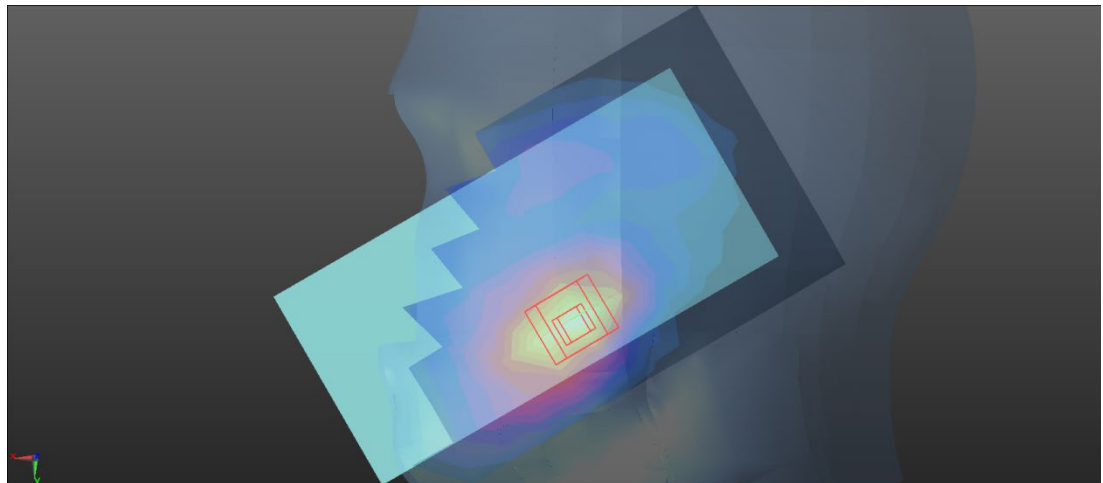
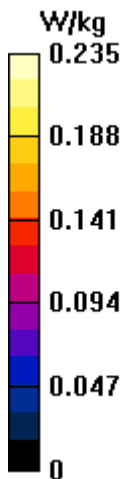
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.765 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.115 W/kg

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



Test Laboratory: BTL,Inc

Date: 2021/8/13

L25_LTE B5_QPSK10M_CH20525_25RB_Right Cheek_Ant Main_SIM1

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; $\sigma = 0.913$ S/m; $\epsilon_r = 42.102$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 836.5 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.259 W/kg

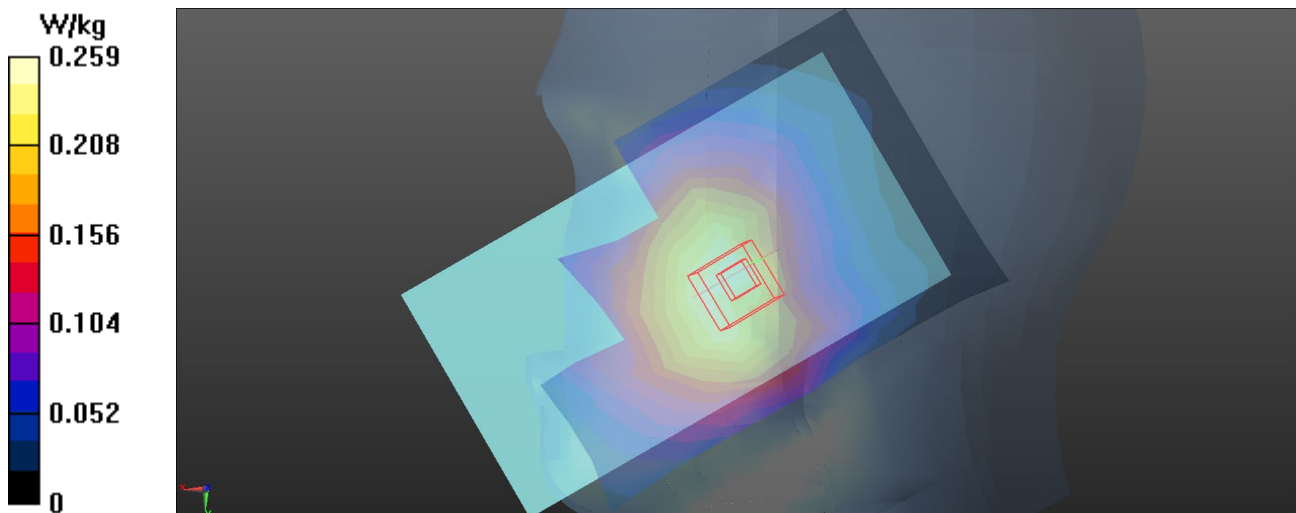
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.562 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.164 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/8/16

L37_LTE B7_QPSK20M_CH21100_50RB_Left Cheek_Ant Main_SIM 1**DUT: Mobile Phone;**

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

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.904$ S/m; $\epsilon_r = 39.621$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2535 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) = 0.270 W/kg

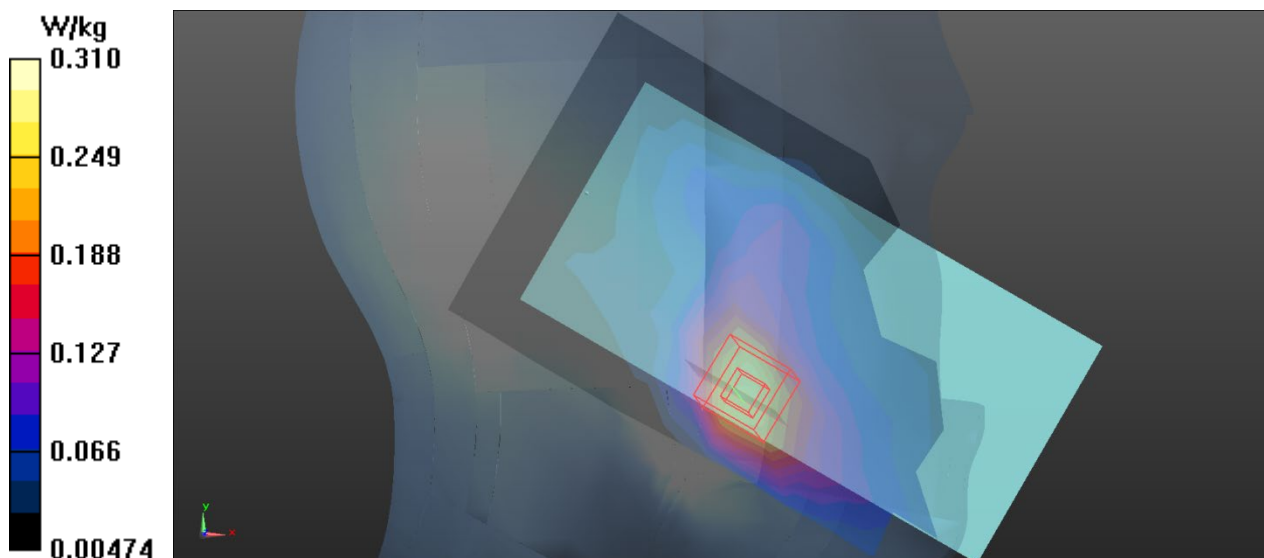
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.794 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.310 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/13

L41_LTE B12_QPSK10M_CH23060_1RB_Right Cheek_Ant Main_SIM 1**DUT: Mobile Phone;**

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

Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.856$ S/m; $\epsilon_r = 43.158$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.62, 10.62, 10.62) @ 704 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.123 W/kg

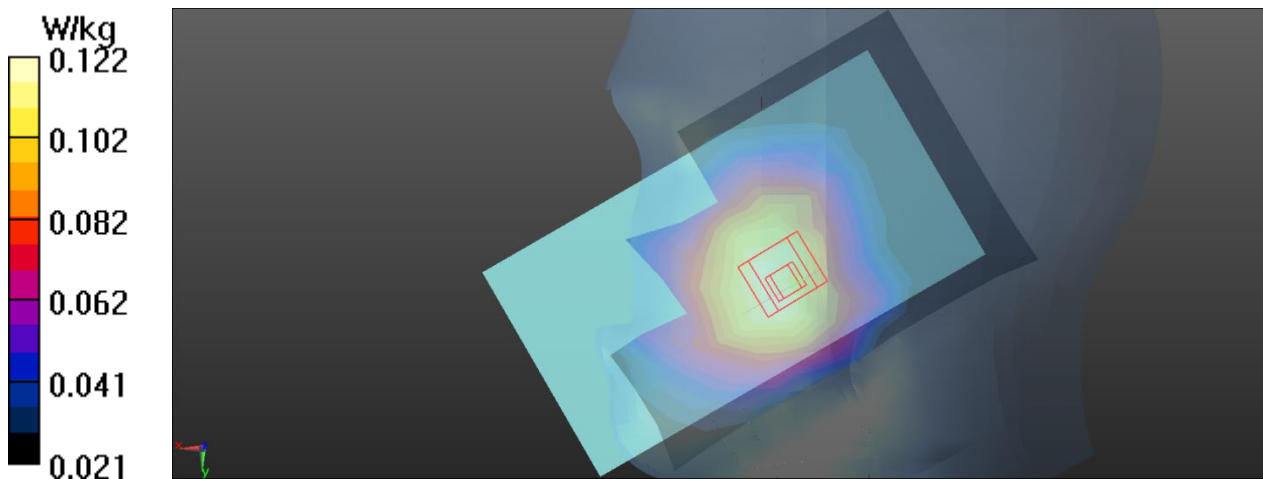
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.798 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.122 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/13

L53_LTE B17_QPSK10M_CH23780_1RB_Left Cheek_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709 \text{ MHz}$; $\sigma = 0.86 \text{ S/m}$; $\epsilon_r = 43.11$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.62, 10.62, 10.62) @ 709 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.128 W/kg

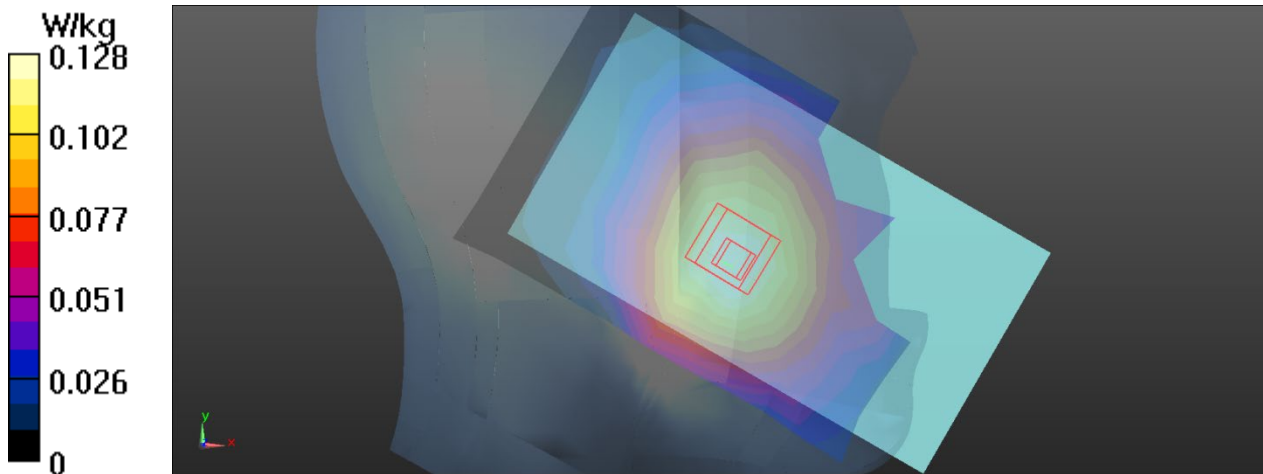
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.502 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.131 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/13

L63_LTE B26_QPSK15M_CH26765_1RB_Left Cheek_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 42.232$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 821.5 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.211 W/kg

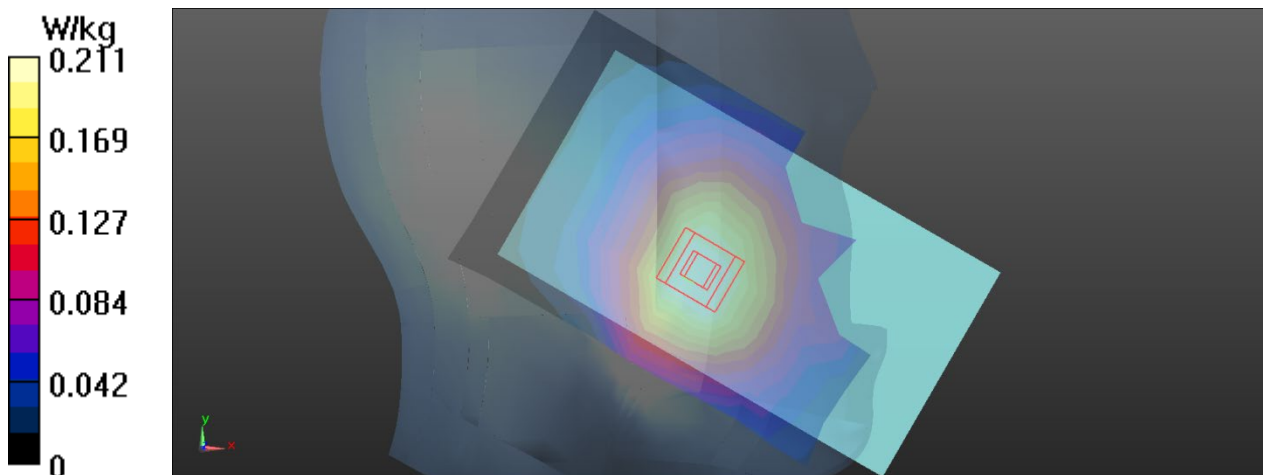
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.279 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.226 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/16

L73_LTE B38_QPSK20M_CH38000_1RB_Left Cheek_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.988$ S/m; $\epsilon_r = 39.371$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.44, 4.44, 4.44) @ 2610 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.267 W/kg

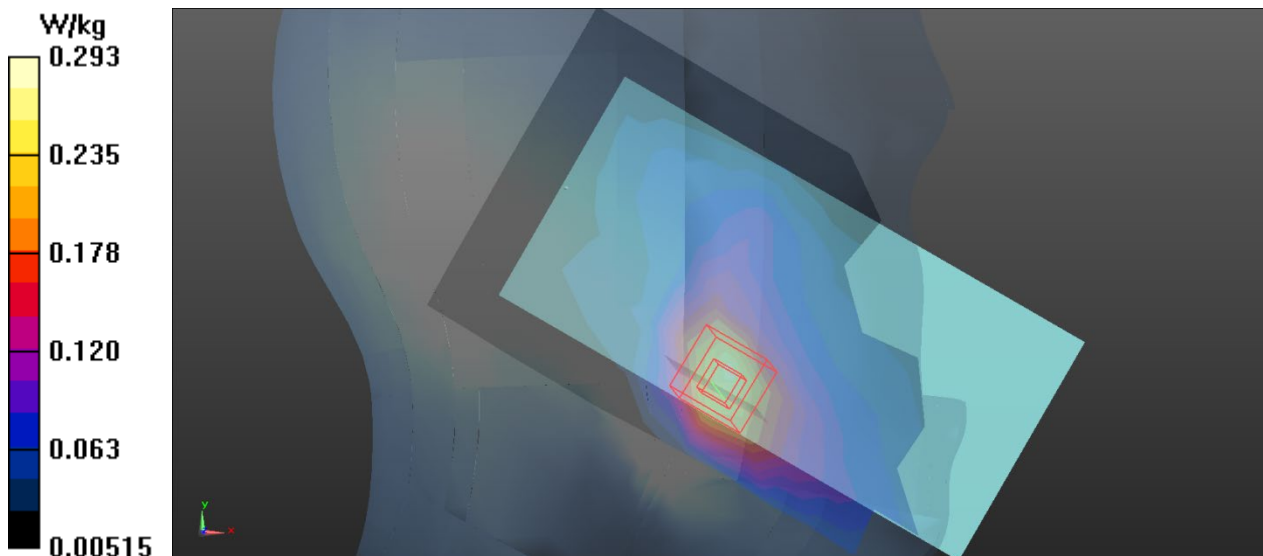
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.210 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.470 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.293 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/16

L83_LTE B41_QPSK20M_CH41140_1RB_Left Cheek_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 2645 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2645$ MHz; $\sigma = 2.023$ S/m; $\epsilon_r = 39.223$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.44, 4.44, 4.44) @ 2645 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.313 W/kg

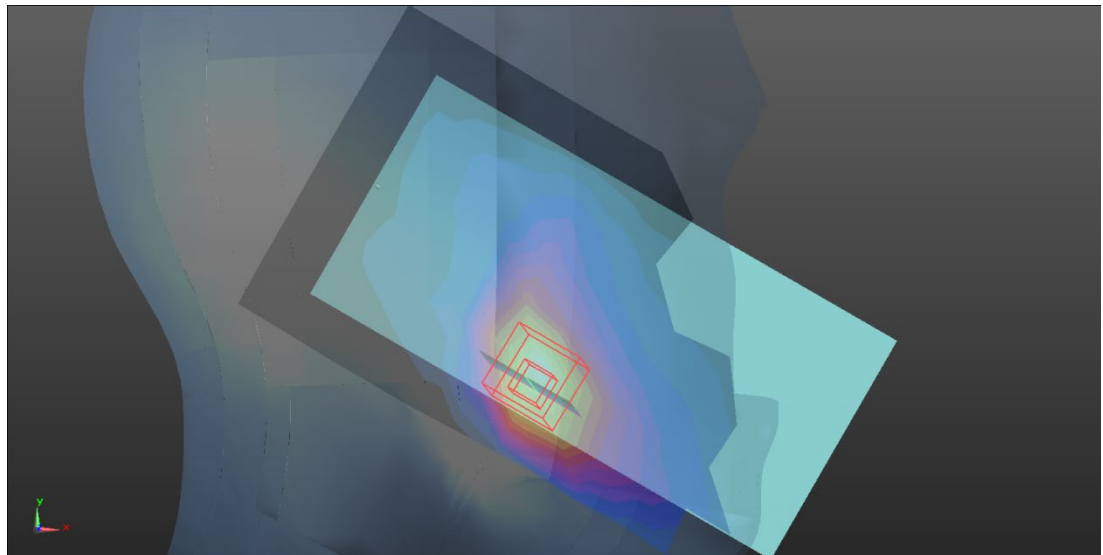
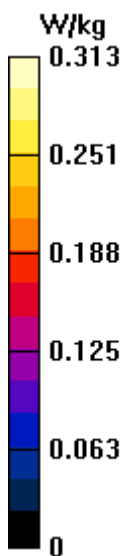
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.352 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.339 W/kg



Test Laboratory: BTL,Inc

Date: 2021/8/17

L91_LTE B66_QPSK20M_CH132072_1RB_Right Cheek_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 39.961$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1720 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.218 W/kg

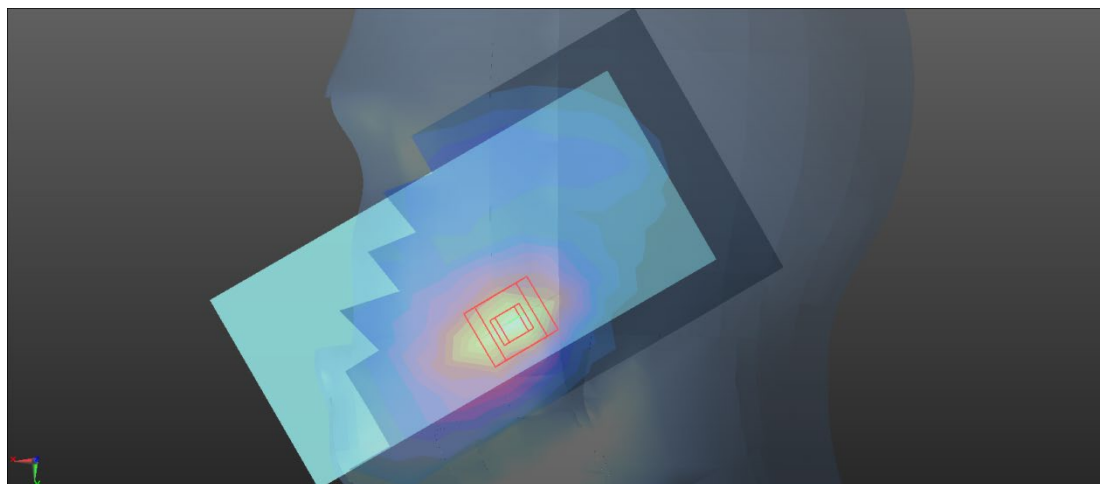
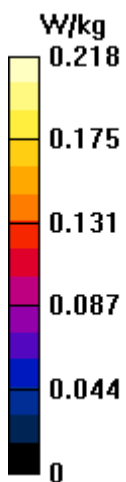
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.823 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.102 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/8/18

W05_802.11b_CH1_Left Cheek

DUT: Mobile Phone;

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 40.431$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2412 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 1.44 W/kg

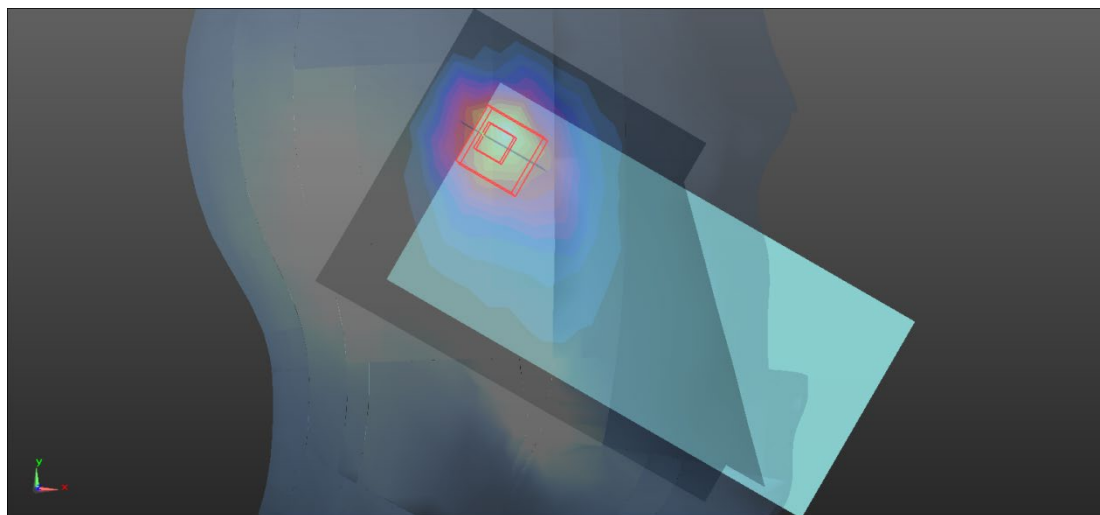
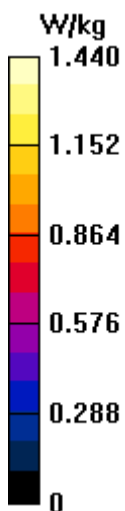
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.14 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.484 W/kg

Maximum value of SAR (measured) = 1.39 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/18

B03_BT DH5_CH39_Left Cheek**DUT: Mobile Phone;**

Communication System: UID 0, Bluetooth (0);

Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 40.325$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2441 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.120 W/kg

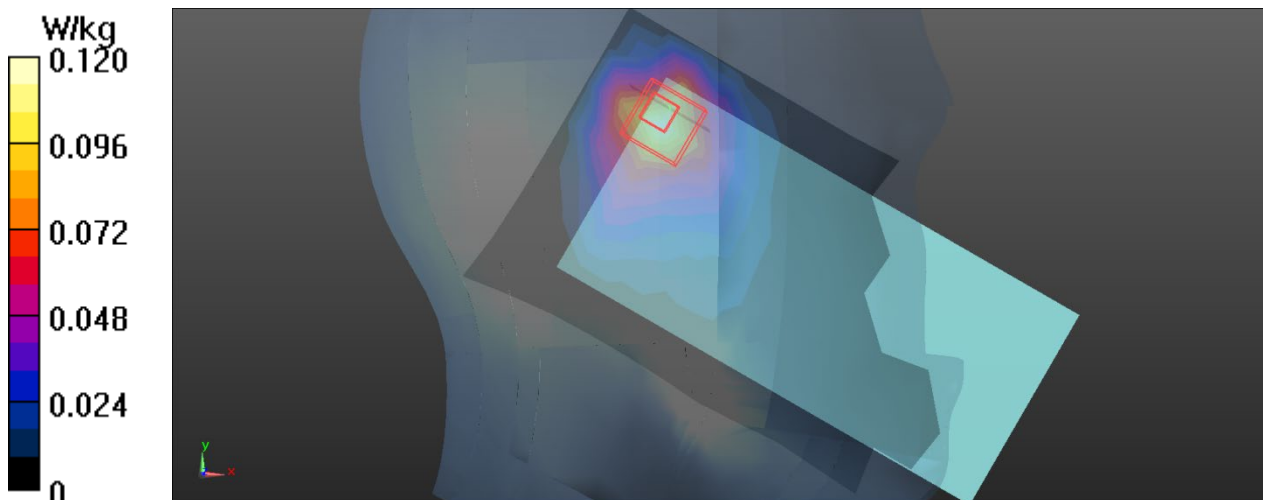
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.758 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.132 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/13

G13_GSM 850_GSM_CH190_Rear Face_1.5cm_Ant Main_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; $\sigma = 0.913$ S/m; $\epsilon_r = 42.101$; $\rho = 1000$ kg/m³

Ambient Temperature : 23. 3°C; Liquid Temperature : 22.5 °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: 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) = 0.282 W/kg

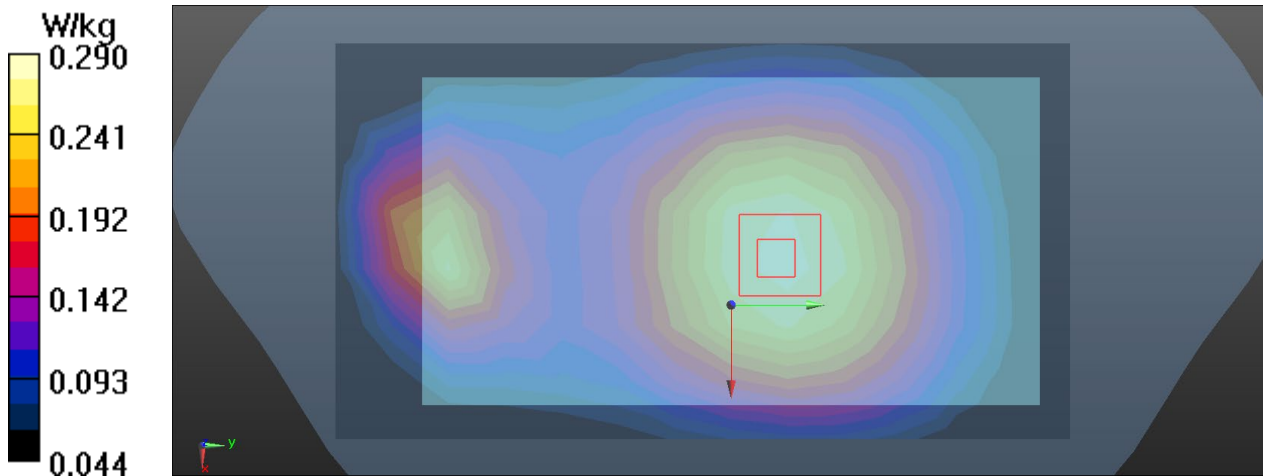
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.64 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.290 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/15

G23_GSM 1900_GSM_CH661_Rear Face_1.5cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.497 \text{ S/m}$; $\epsilon_r = 39.547$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

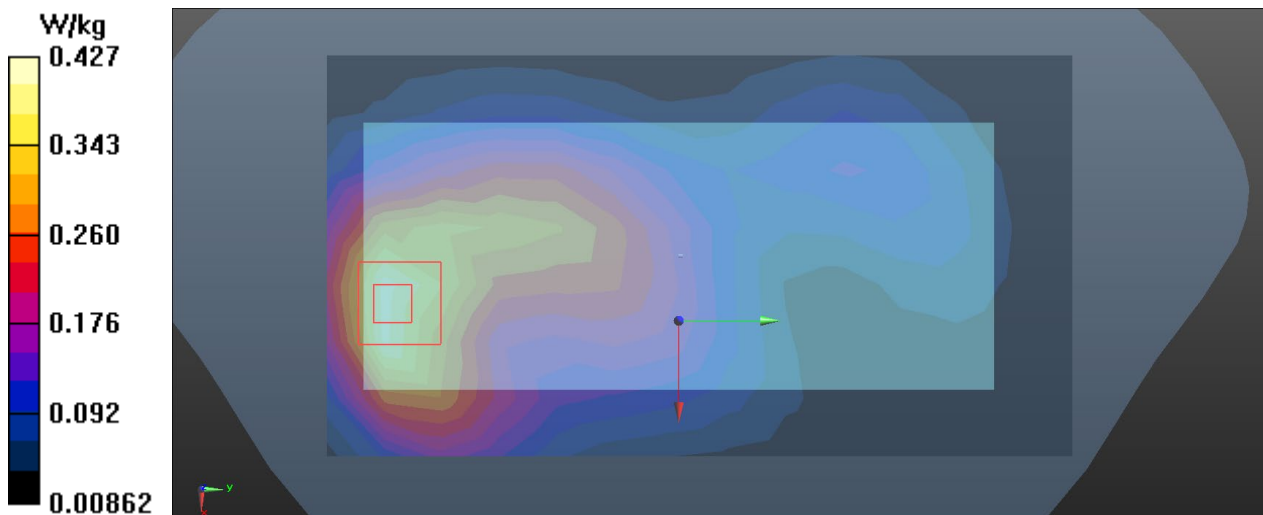
- Probe: ES3DV3 - SN3162; ConvF(4.99, 4.99, 4.99) @ 1880 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.415 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.02 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.296 W/kg ; SAR(10 g) = 0.185 W/kg

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


Test Laboratory: BTL Inc.

Date: 2021/8/16

U20_UMTS B2_RMC12.2K_CH9400_Rear Face_1.5cm_Ant Main_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; $\sigma = 1.322$ S/m; $\epsilon_r = 41.998$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.5 °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 (7x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.362 W/kg

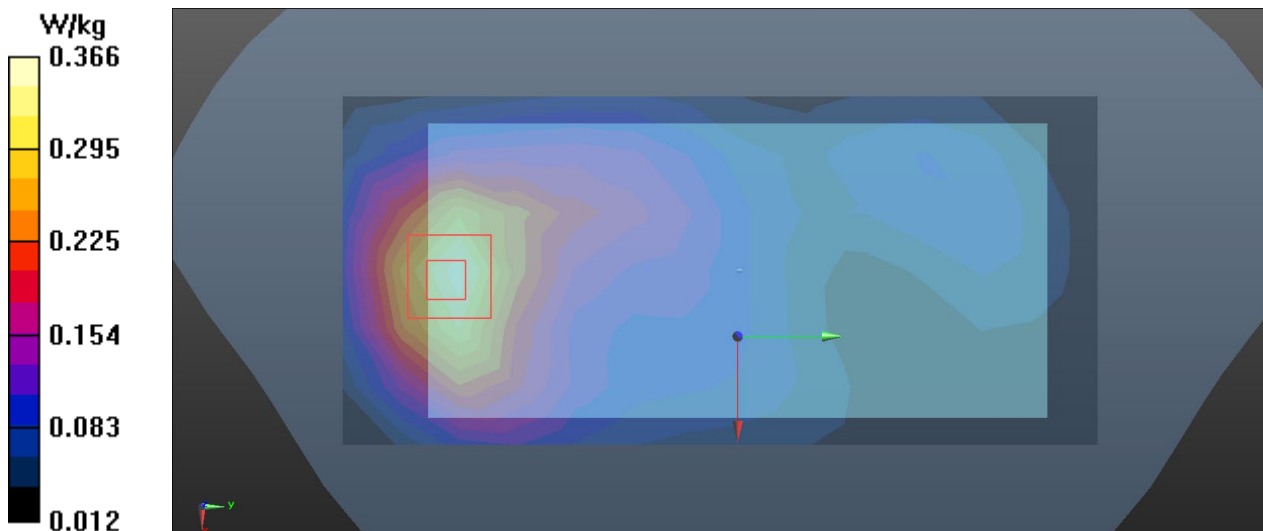
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.600 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (measured) = 0.366 W/kg



Test Laboratory: BTL,Inc

Date: 2021/8/17

U31_UMTS B4_RMC12.2K_CH1413_Rear Face_1.5cm_Ant Main_SIM 1

DUT: Mobile Phone;

Communication System: UID 0, WCDMA (0);

Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 39.945$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1732.6 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.385 W/kg

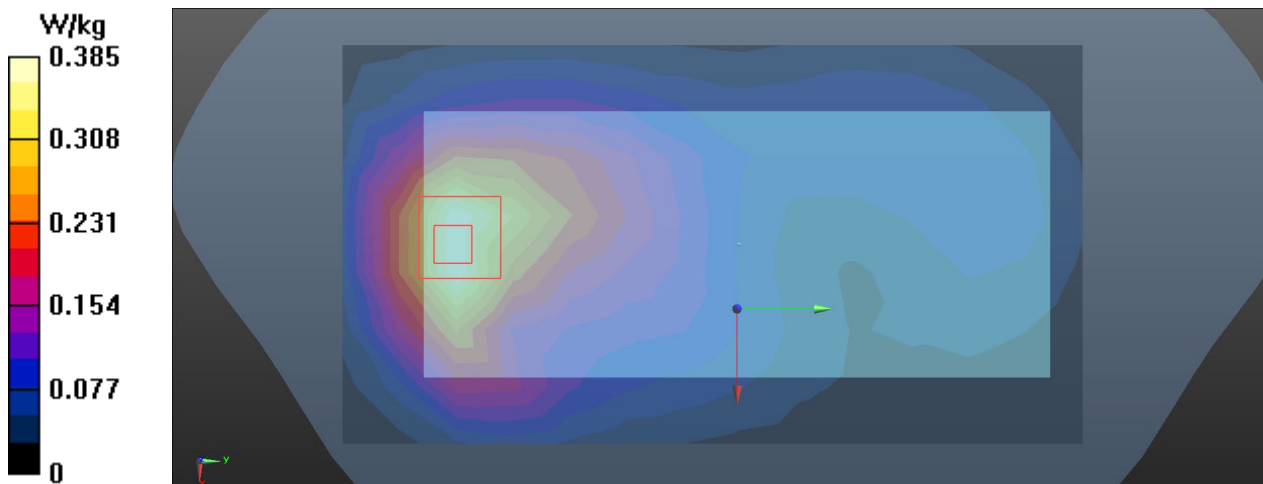
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.619 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.190 W/kg

Maximum value of SAR (measured) = 0.402 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/14

U42_UMTS B5_RMC12.2K_CH4182_Rear Face_1.5cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 42.103$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °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: 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) = 0.270 W/kg

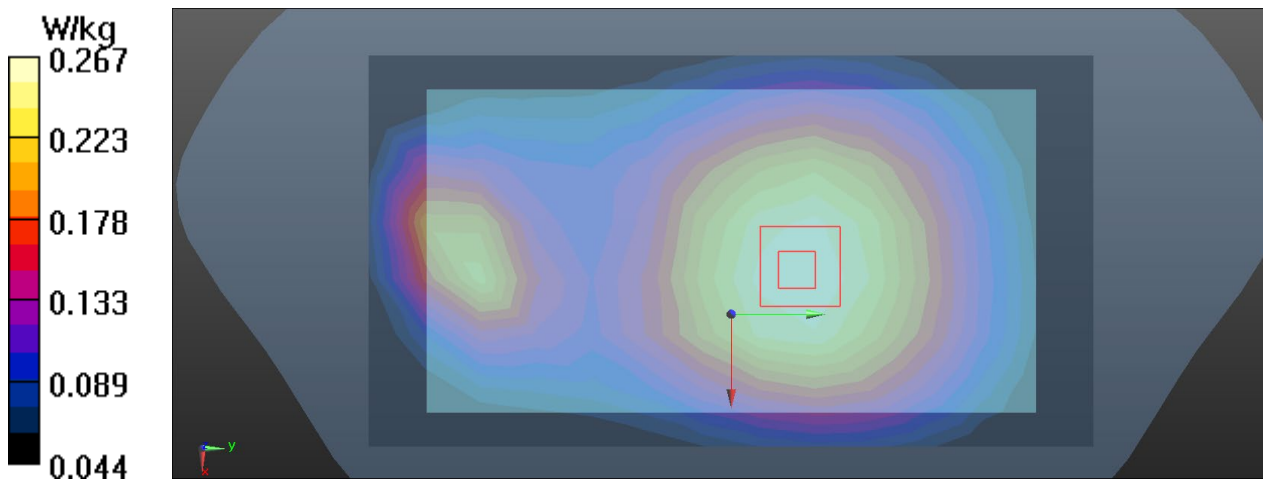
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.59 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 0.267 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/16

L105_LTE B2_QPSK20M_CH18900_1RB_Rear Face_1.5CM_Ant Main_SIM 2

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; $\sigma = 1.322$ S/m; $\epsilon_r = 41.998$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.5 °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 (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

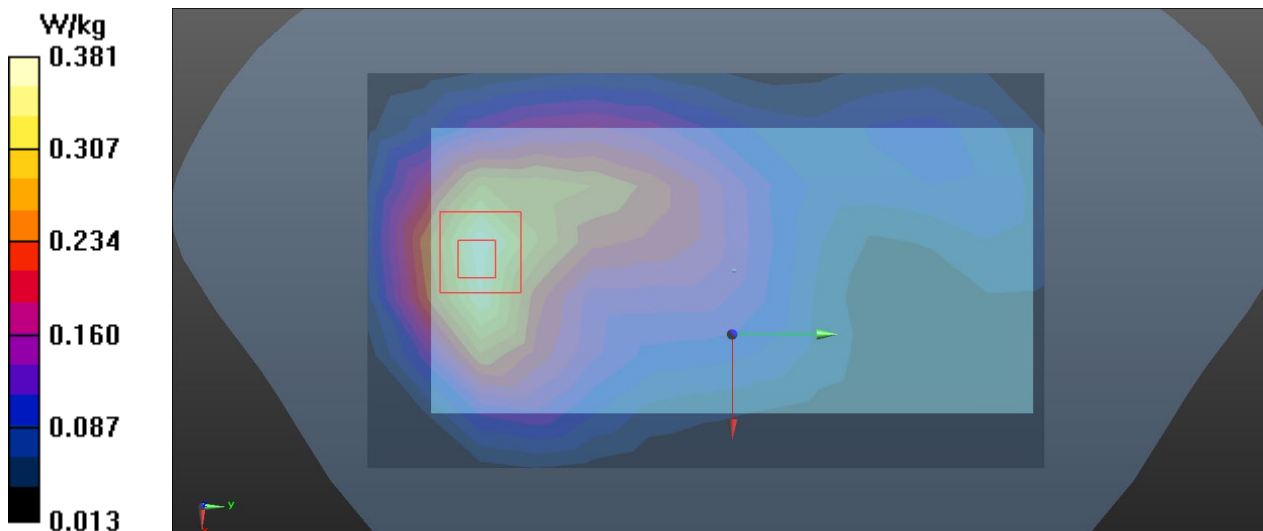
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.97 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 0.381 W/kg



Test Laboratory: BTL,Inc

Date: 2021/8/17

L123_LTE B4_QPSK20M_CH20175_1RB_Rear Face_1.5cm_Ant Main_SIM 2

DUT: Mobile Phone;

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

Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 39.945$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1732.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.438 W/kg

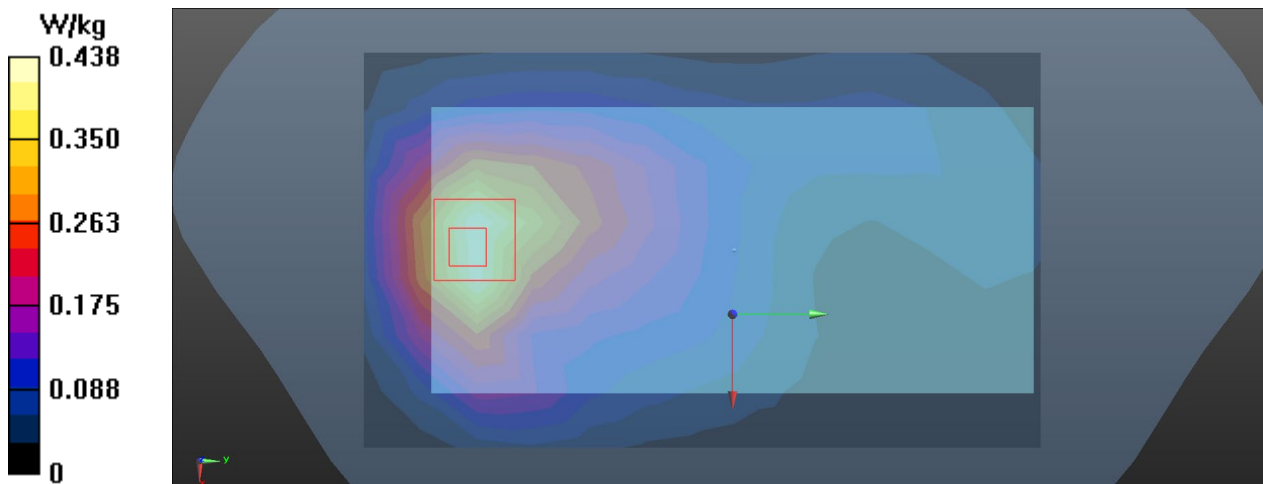
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.552 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.467 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/14

L141_LTE B5_QPSK10M_CH20450_1RB_Rear Face_1.5cm_Ant Main_SIM 2

DUT: Mobile Phone;

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

Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 42.236$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 829 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.289 W/kg

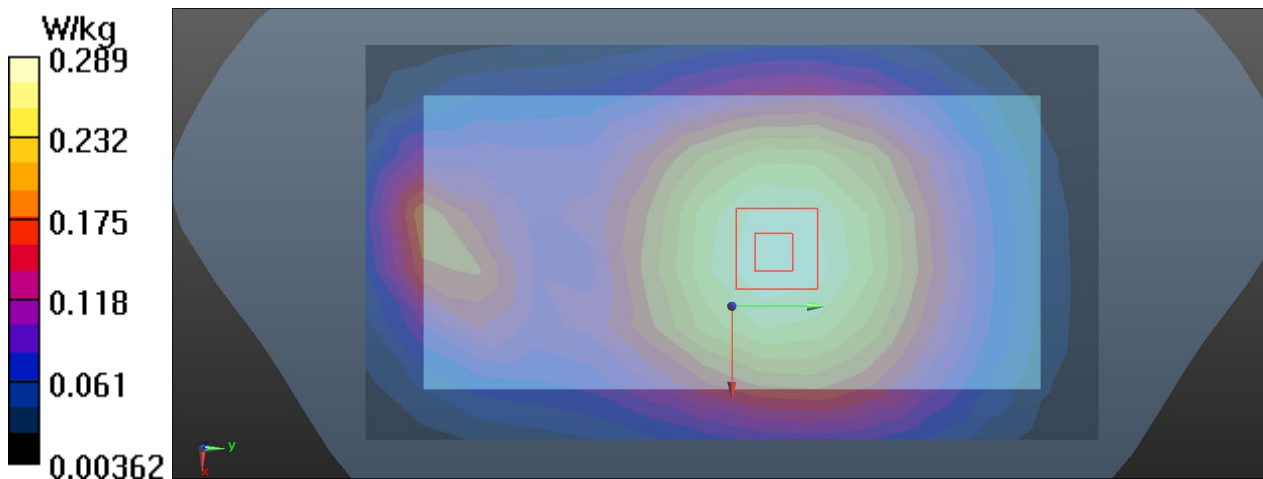
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.00 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.289 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/19

L156_LTE B7_QPSK20M_CH20850_1RB_Rear Face_1.5cm_Ant Main_SIM 1

DUT: Mobile phone;

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

Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.882$ S/m; $\epsilon_r = 39.722$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2510 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- 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) = 0.593 W/kg

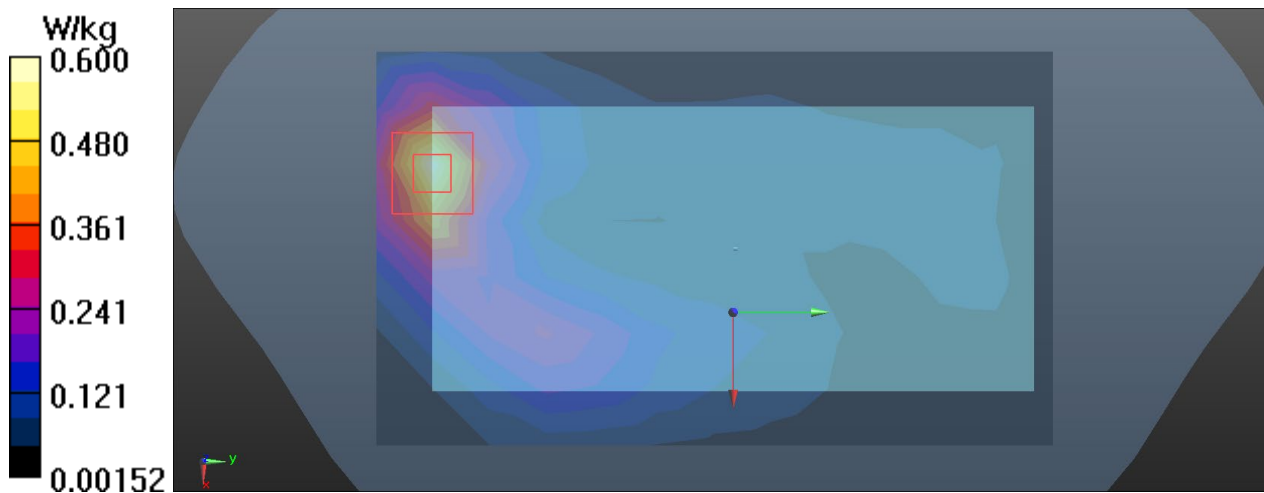
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.845 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.739 W/kg

SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.600 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/14

L176_LTE B12_QPSK10M_CH23095_25RB_Rear Face_1.5cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.854$ S/m; $\epsilon_r = 43.196$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.62, 10.62, 10.62) @ 707.5 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

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

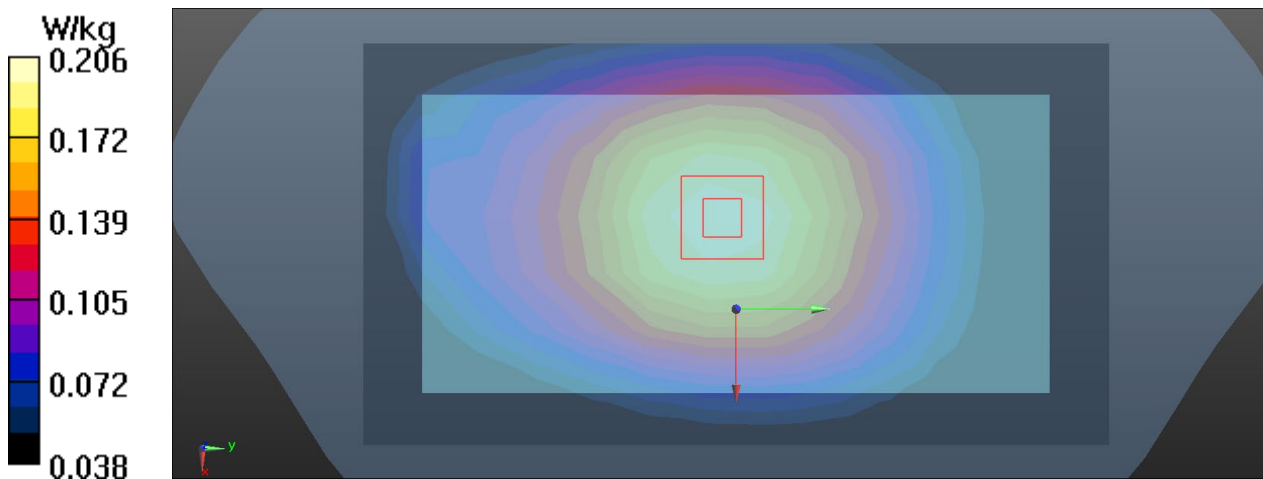
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.90 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.131 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/8/14

L192_LTE B17_QPSK10M_CH23780_1RB_Rear Face_1.5cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709 \text{ MHz}$; $\sigma = 0.856 \text{ S/m}$; $\epsilon_r = 43.18$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.62, 10.62, 10.62) @ 709 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

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

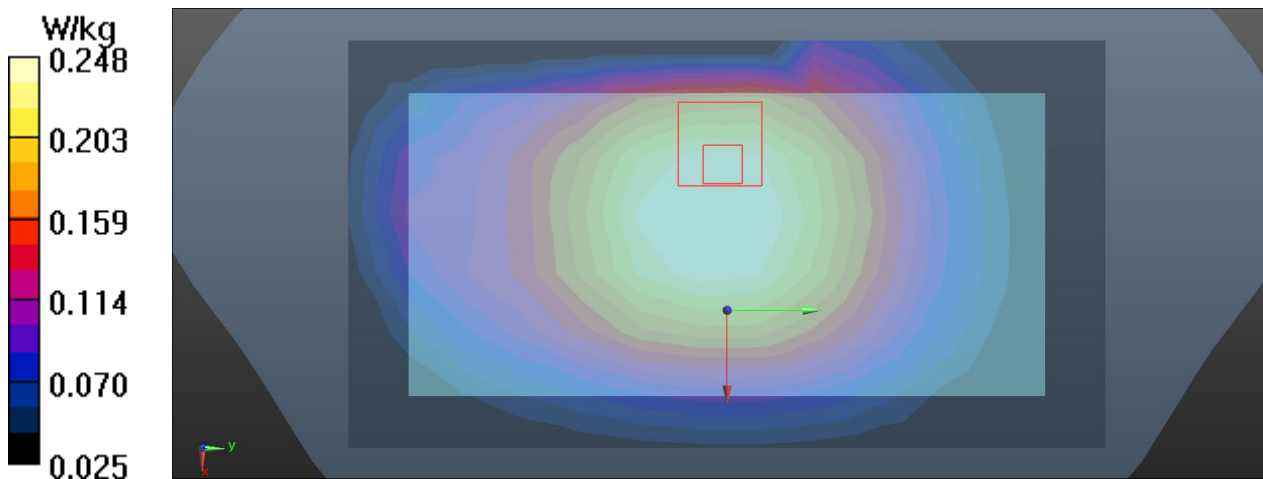
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.85 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 0.248 W/kg



Test Laboratory: BTL, Inc

Date: 2021/8/18

L210_LTE B26_QPSK15M_CH26765_1RB_Rear Face_1.5cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 42.268$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.06, 10.06, 10.06) @ 821.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

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

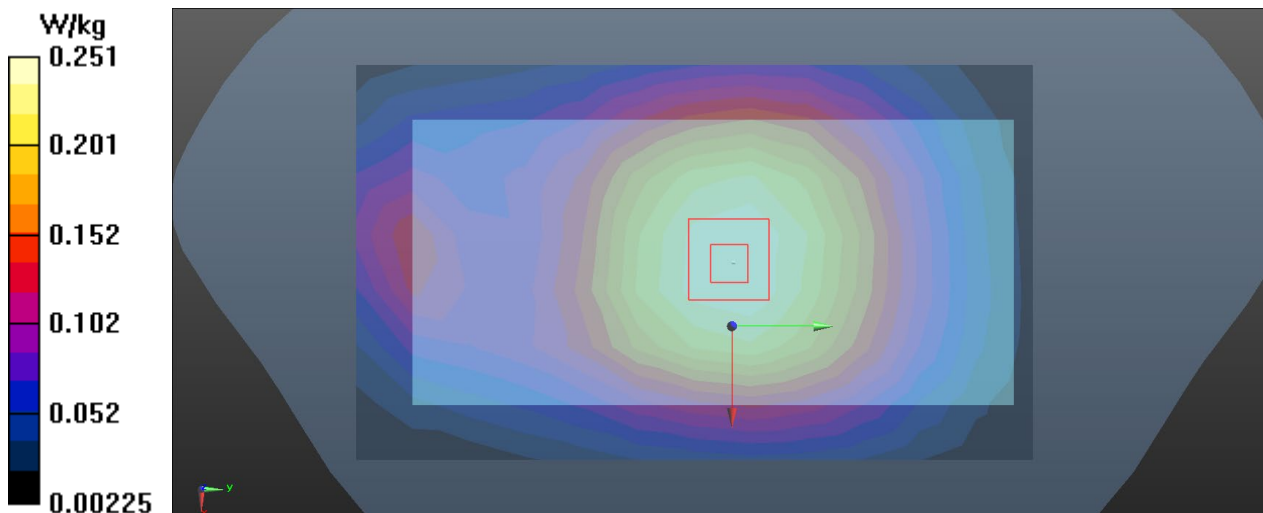
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.25 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 0.254 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/16

L228_LTE B38_QPSK20M_CH38000_1RB_Rear Face_1.5cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.988$ S/m; $\epsilon_r = 39.371$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.44, 4.44, 4.44) @ 2610 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:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.331 W/kg

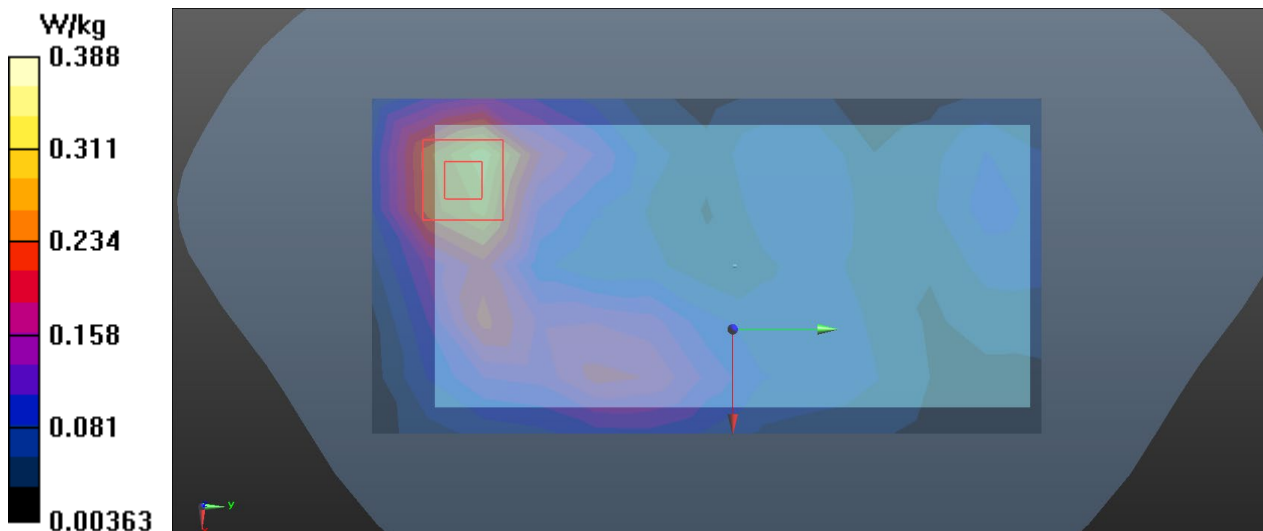
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.374 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 0.388 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/16

L248_LTE B41_QPSK20M_CH40140_50RB_Rear Face_1.5cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 2545 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2545$ MHz; $\sigma = 1.914$ S/m; $\epsilon_r = 39.576$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2545 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

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

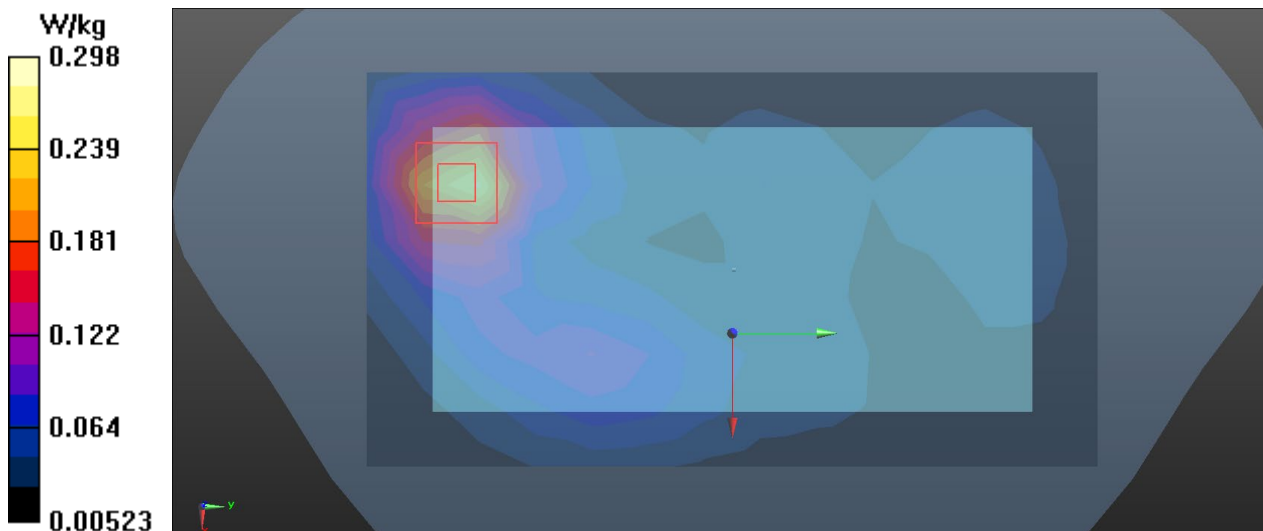
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.314 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.463 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.298 W/kg



Test Laboratory: BTL,Inc

Date: 2021/8/17

L264_LTE B66_QPSK20M_CH132072_1RB_Rear Face_1.5cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 39.961$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1720 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.416 W/kg

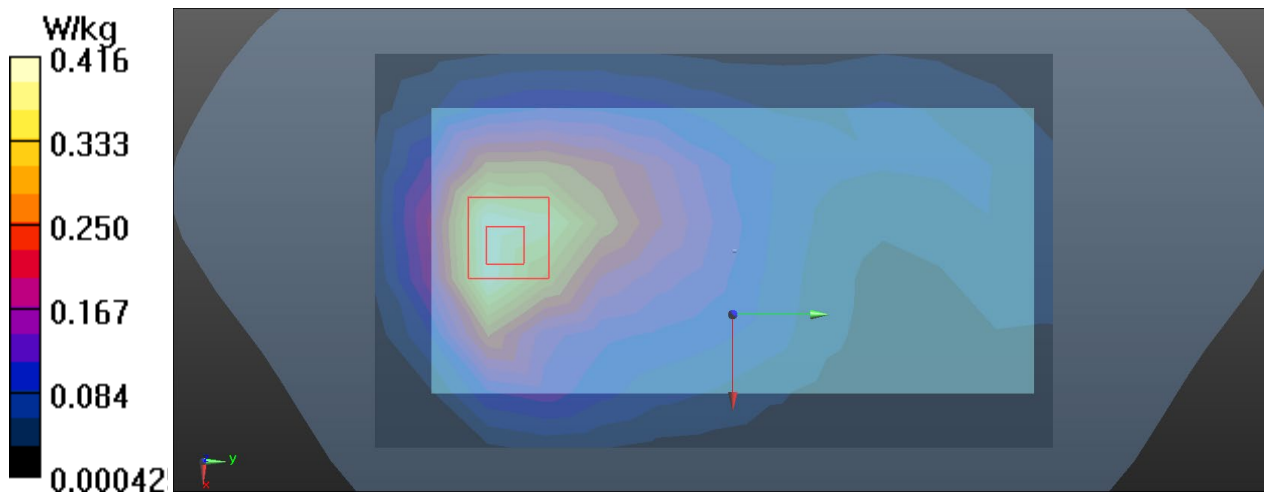
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.570 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.210 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/8/18

W09_802.11b_CH1_Rear Face_1.5cm

DUT: Mobile Phone;

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 40.431$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2412 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.337 W/kg

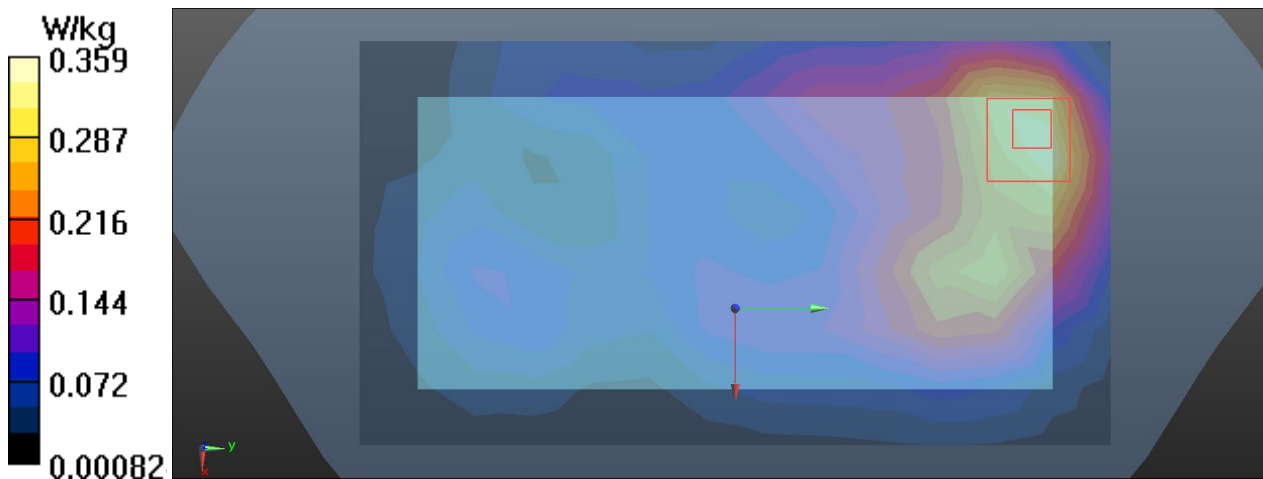
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.760 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.450 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.359 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/18

B09_BT DH5_CH39_Rear Face_1.5cm

DUT: Mobile Phone;

Communication System: UID 0, Bluetooth (0);

Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 40.325$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2441 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.0278 W/kg

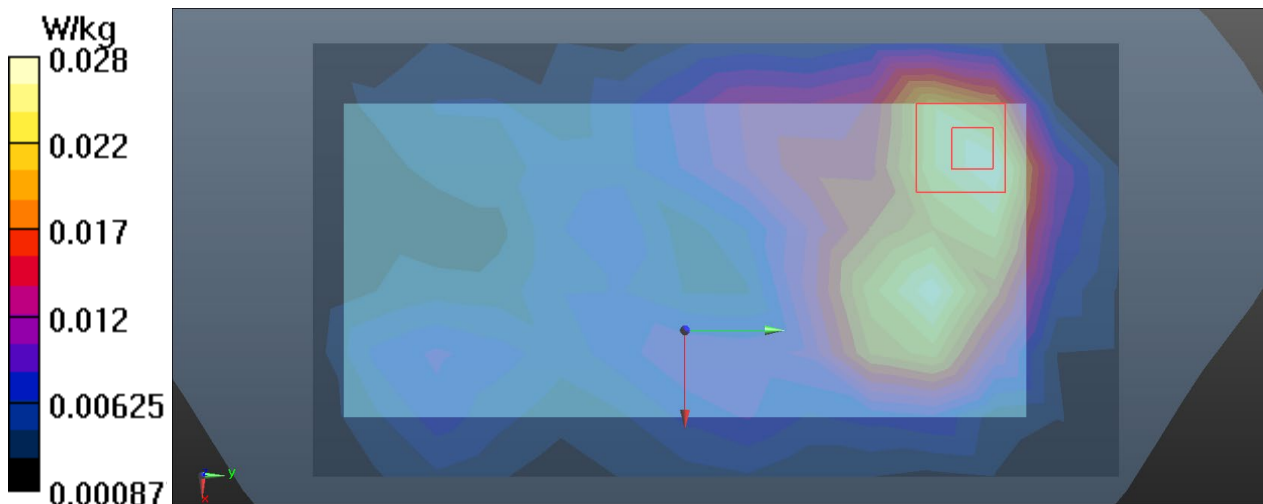
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.320 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0380 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.009 W/kg

Maximum value of SAR (measured) = 0.0296 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/13

G17_GSM 850_GPRS2TX_CH190_Rear Face_1.0cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 42.101$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °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: 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) = 0.510 W/kg

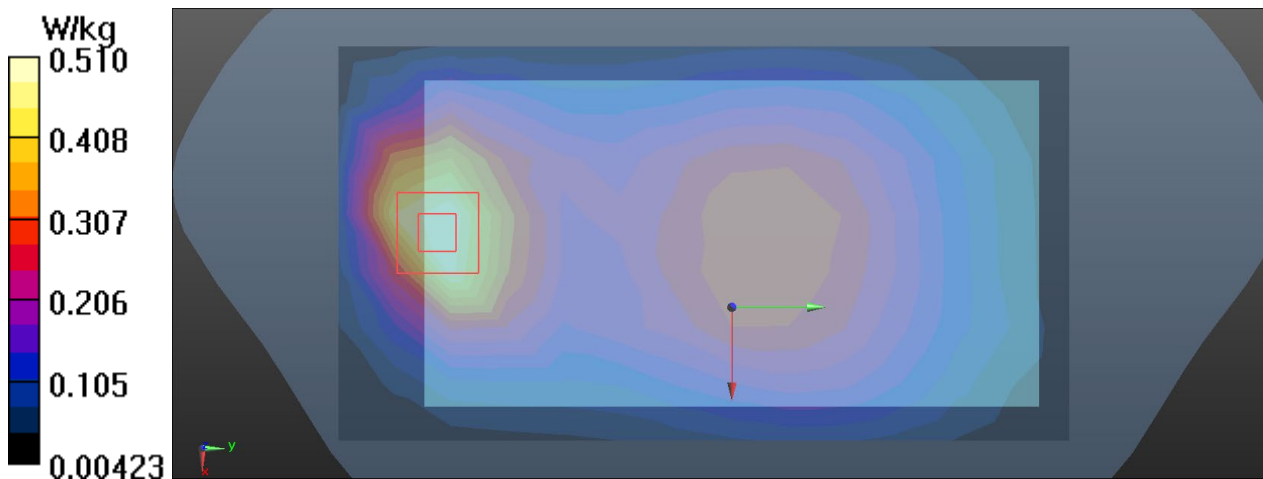
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.70 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.722 W/kg

SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.567 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/15

G31_GSM 1900_GPRS4TX_CH661_Bottom Side_1.0cm_Ant Main_SIM 2

DUT: Mobile Phone;

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

Frequency: 1880 MHz; Duty Cycle: 1:2

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.32 \text{ S/m}$; $\epsilon_r = 40.938$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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 (7x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.805 W/kg

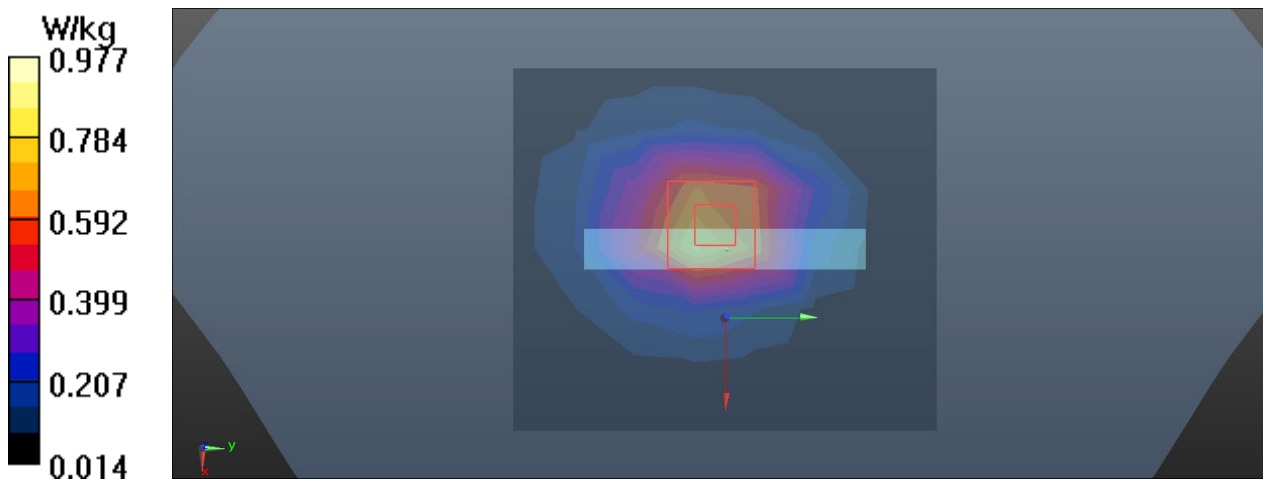
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.72 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.432 W/kg

Maximum value of SAR (measured) = 0.977 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/16

U27_UMTS B2_RMC12.2K_CH9400_Bottom Side_1.0cm_Ant Main_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; $\sigma = 1.322$ S/m; $\epsilon_r = 41.998$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.5 °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 (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.824 W/kg

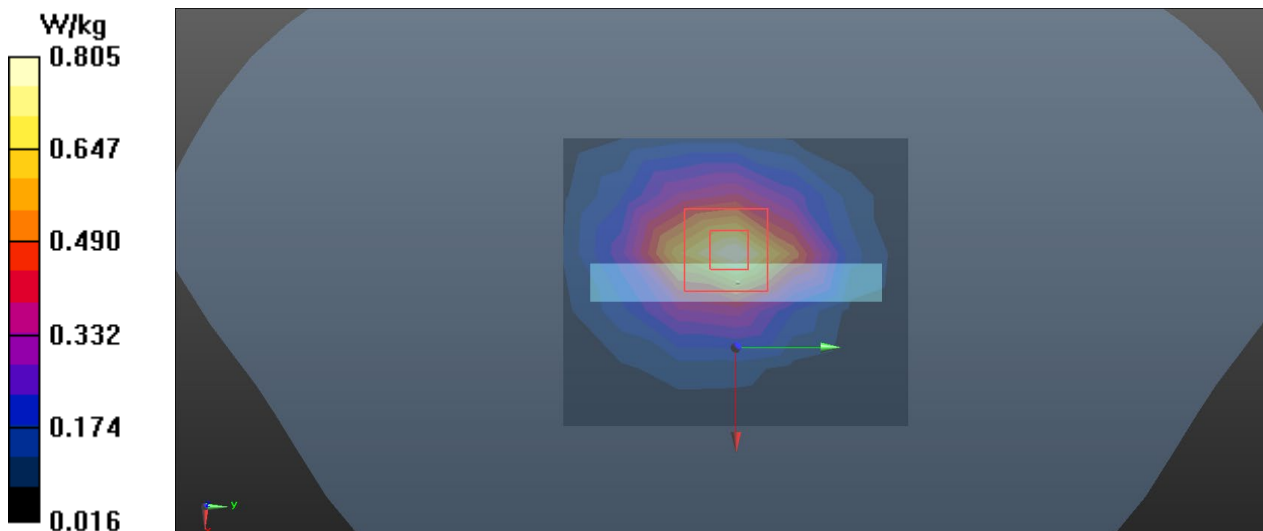
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.75 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.375 W/kg

Maximum value of SAR (measured) = 0.805 W/kg



Test Laboratory: BTL.Inc

Date: 2021/8/17

U38_UMTS B4_RMC12.2K_CH1413_Bottom Side_1.0cm_Ant Main_SIM 1

DUT: Mobile Phone;

Communication System: UID 0, WCDMA (0);

Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 39.945$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1732.6 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- 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) = 0.864 W/kg

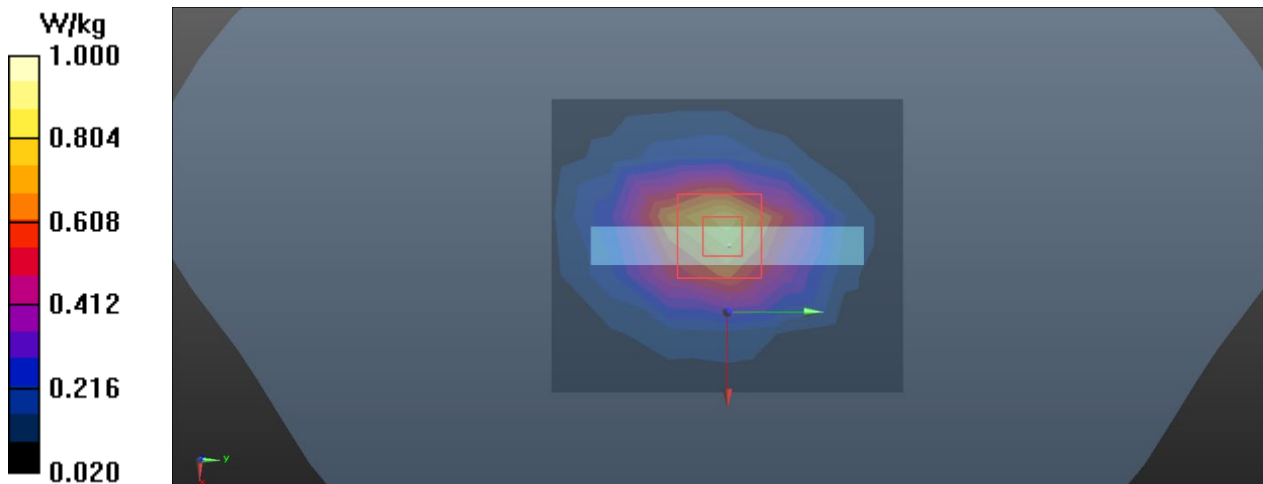
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.08 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (measured) = 1.00 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/14

U46_UMTS B5_RMC12.2K_CH4182_Rear Face_1.0cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 42.103$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °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: 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) = 0.599 W/kg

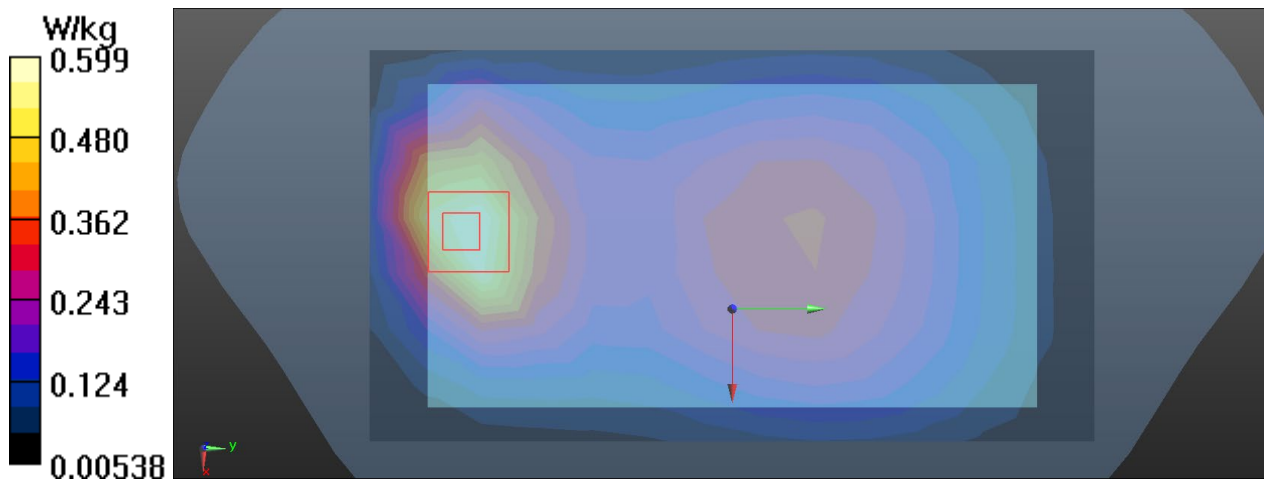
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.55 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.275 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/8/16

L111_LTE B2_QPSK20M_CH18900_1RB_Bottom Side_1.0CM_Ant Main_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): $f = 1880 \text{ MHz}$; $\sigma = 1.322 \text{ S/m}$; $\epsilon_r = 41.998$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.1 \text{ }^\circ\text{C}$; Liquid Temperature: $22.5 \text{ }^\circ\text{C}$

DASY Configuration:

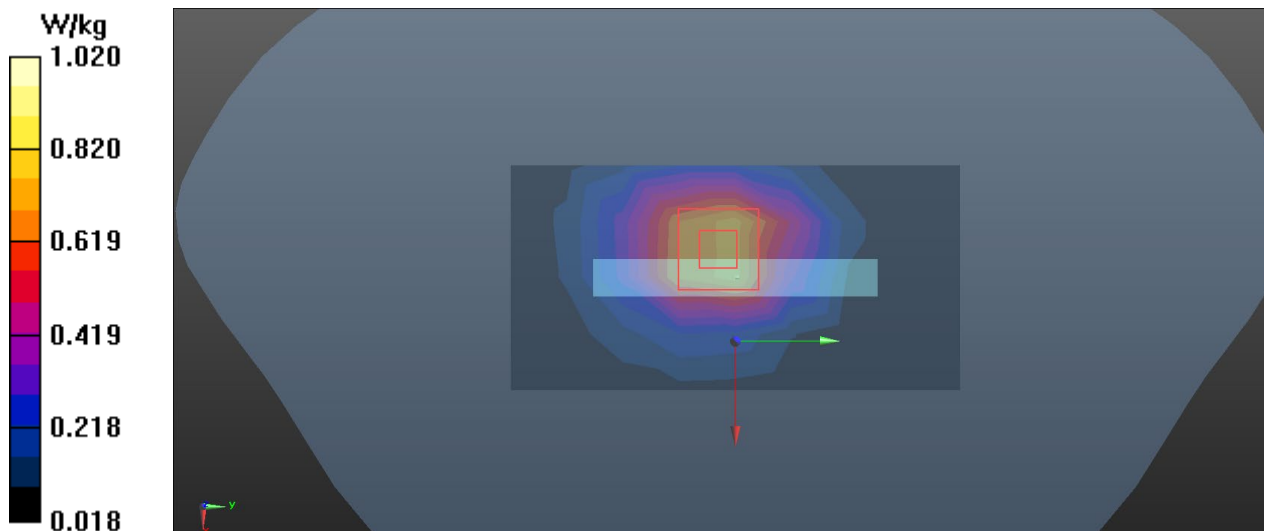
- Probe: ES3DV3 - SN3162; ConvF(4.99, 4.99, 4.99) @ 1880 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.790 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.18 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.832 W/kg ; SAR(10 g) = 0.466 W/kg

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


Test Laboratory: BTL,Inc

Date: 2021/8/17

L128_LTE B4_QPSK20M_CH20175_1RB_Bottom Side_1.0cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 39.945$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1732.5 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.991 W/kg

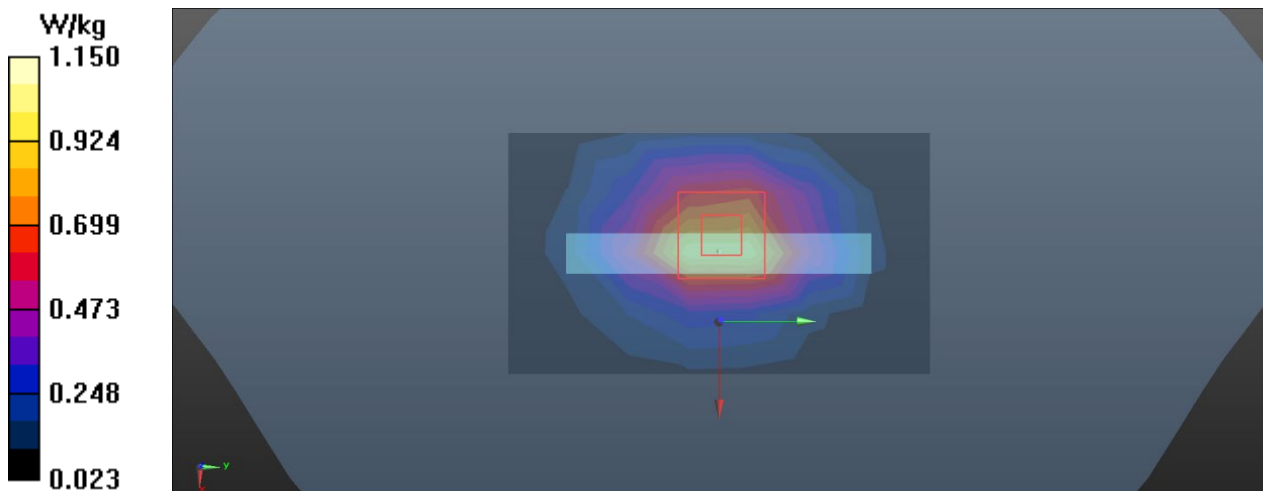
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.58 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.469 W/kg

Maximum value of SAR (measured) = 1.15 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/14

L153_LTE B5_QPSK10M_CH20450_1RB_Rear Face_1.0cm_Ant Main_SIM 2

DUT: Mobile Phone;

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

Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 42.236$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 829 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.437 W/kg

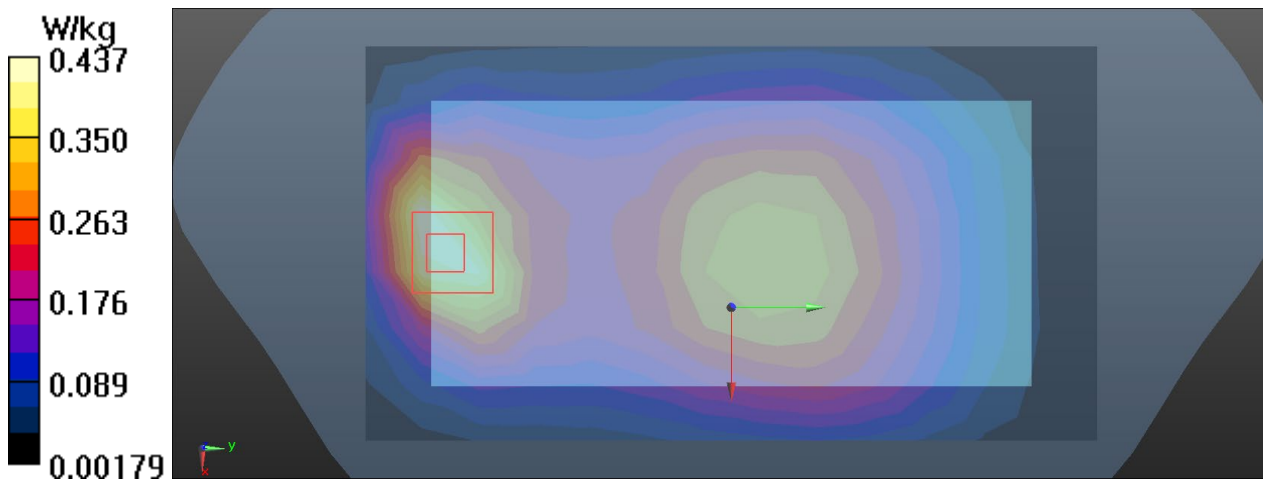
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.69 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.616 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.504 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/16

L165_LTE B7_QPSK20M_CH21100_1RB_Bottom Side_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.904 \text{ S/m}$; $\epsilon_r = 39.621$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.4 \text{ }^\circ\text{C}$; Liquid Temperature: $22.5 \text{ }^\circ\text{C}$

DASY Configuration:

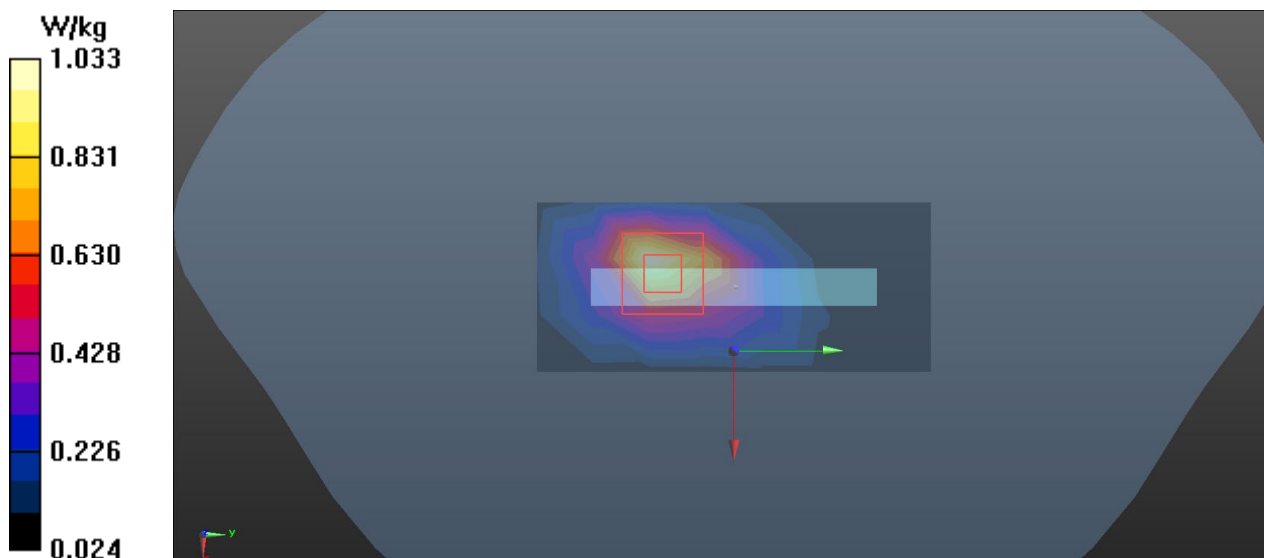
- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2535 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x10x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.03 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.60 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.900 W/kg ; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (measured) = 1.19 W/kg


Test Laboratory: BTL Inc.

Date: 2021/8/14

L180_LTE B12_QPSK10M_CH23060_1RB_Rear Face_1.0cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 704 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 43.228$; $\rho = 1000 \text{ kg/m}^3$

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.62, 10.62, 10.62) @ 704 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

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

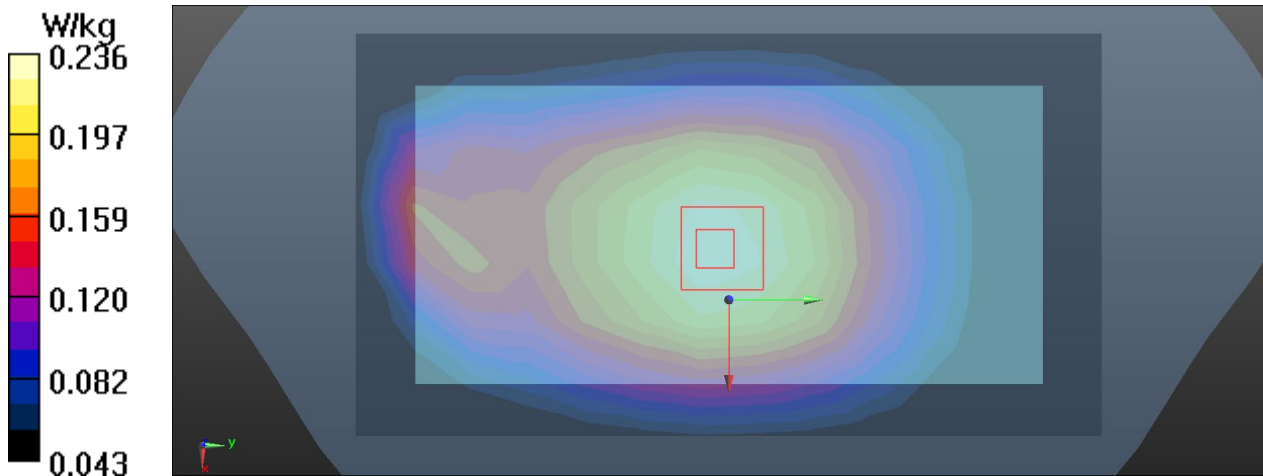
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.10 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.152 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/8/14

L198_LTE B17_QPSK10M_CH23780_1RB_Rear Face_1.0cm_Ant Main_SIM 1

DUT: Mobile Phone;

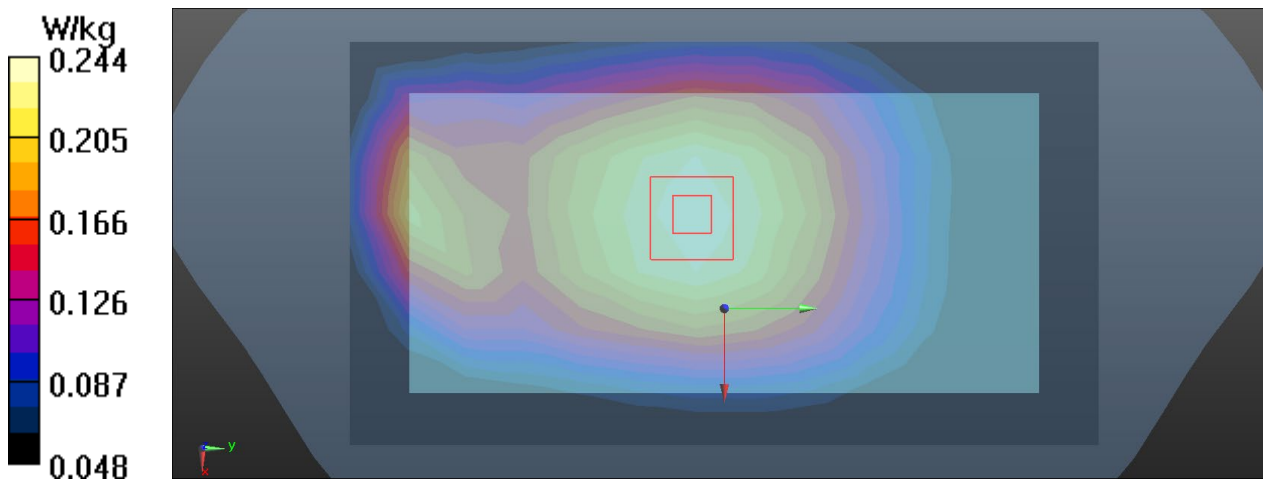
Communication System: UID 10154 - CAG, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK);
Frequency: 709 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 709 \text{ MHz}$; $\sigma = 0.856 \text{ S/m}$; $\epsilon_r = 43.18$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.62, 10.62, 10.62) @ 709 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.246 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 17.09 V/m ; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.202 W/kg ; SAR(10 g) = 0.157 W/kg
Maximum value of SAR (measured) = 0.244 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/14

L221_LTE B26_QPSK15M_CH26865_36RB_Rear Face_1.0cm_Ant Main_SIM 1

DUT: Mobile Phone;

Communication System: UID 10160 - CAE, LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK);

Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 42.215$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.22, 10.22, 10.22) @ 831.5 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.508 W/kg

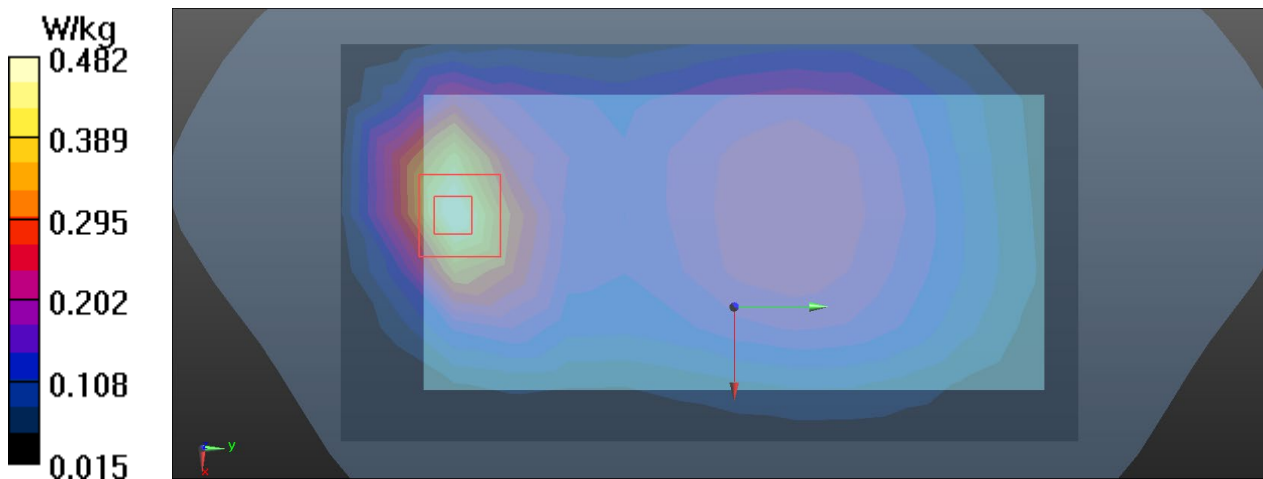
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.96 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.195 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/8/16

L237_LTE B38_QPSK20M_CH38000_1RB_Bottom Side_1.0cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2595$ MHz; $\sigma = 1.974$ S/m; $\epsilon_r = 39.418$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.44, 4.44, 4.44) @ 2595 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 (5x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.26 W/kg

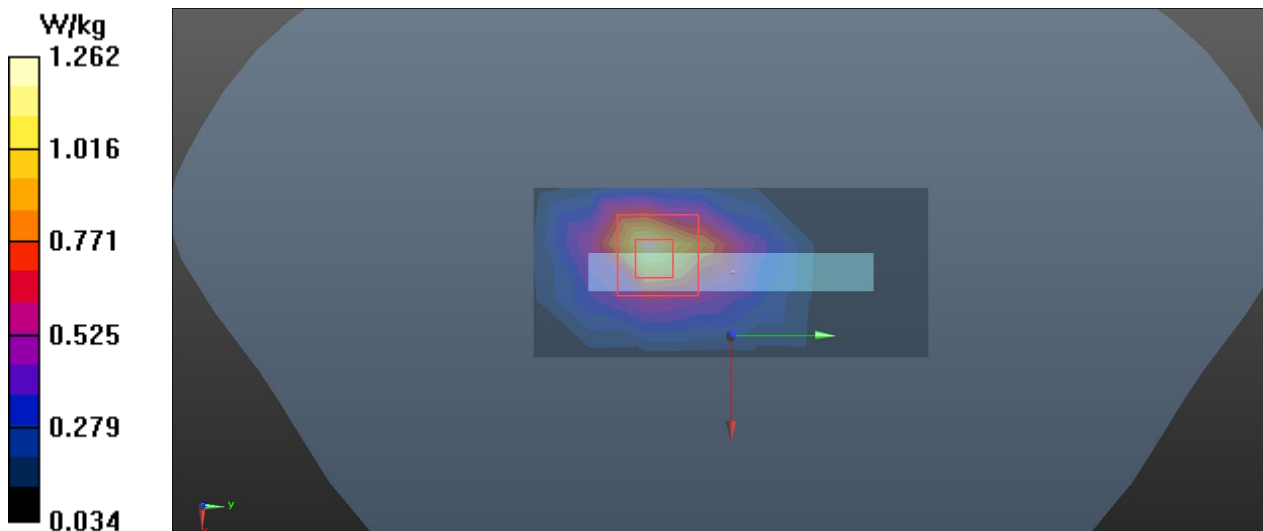
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.14 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.478 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/16

L255_LTE B41_QPSK20M_CH41140_1RB_Bottom Side_1.0cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 2645 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2645$ MHz; $\sigma = 2.023$ S/m; $\epsilon_r = 39.223$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.44, 4.44, 4.44) @ 2645 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 (8x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.805 W/kg

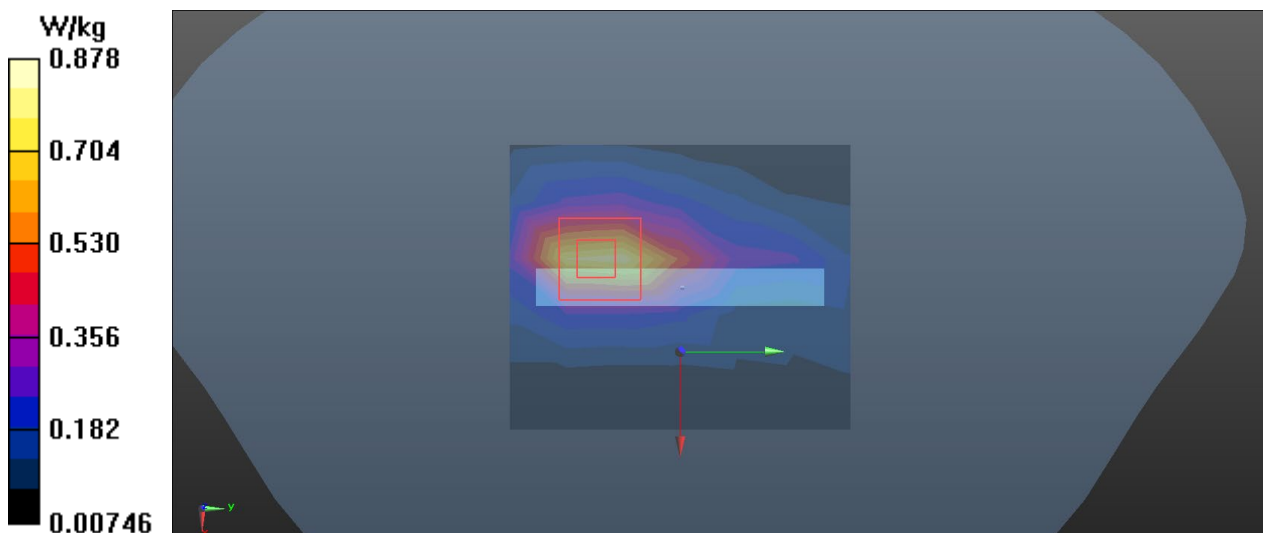
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.34 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 0.878 W/kg



Test Laboratory: BTL,Inc

Date: 2021/8/17

L273_LTE B66_QPSK20M_CH132072_1RB_Bottom Side_1.0cm_Ant Main_SIM 1

DUT: Mobile Phone;

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

Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 39.961$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.56, 8.56, 8.56) @ 1720 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.858 W/kg

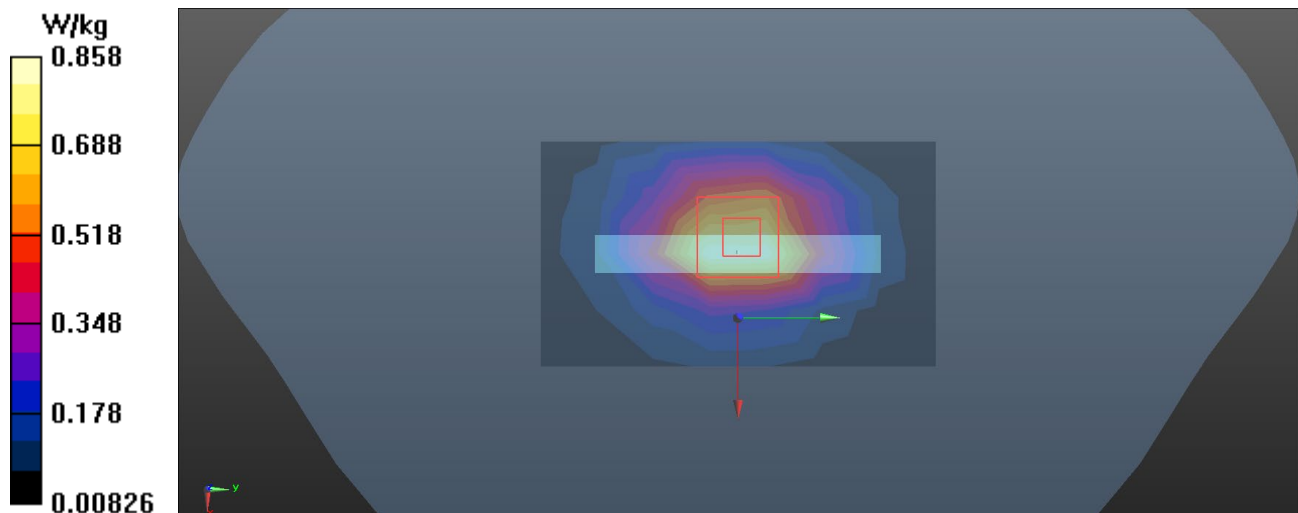
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.77 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.410 W/kg

Maximum value of SAR (measured) = 1.00 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/18

W12_802.11b_CH1_Rear Face_1.0cm

DUT: Mobile Phone;

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 40.431$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2412 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.644 W/kg

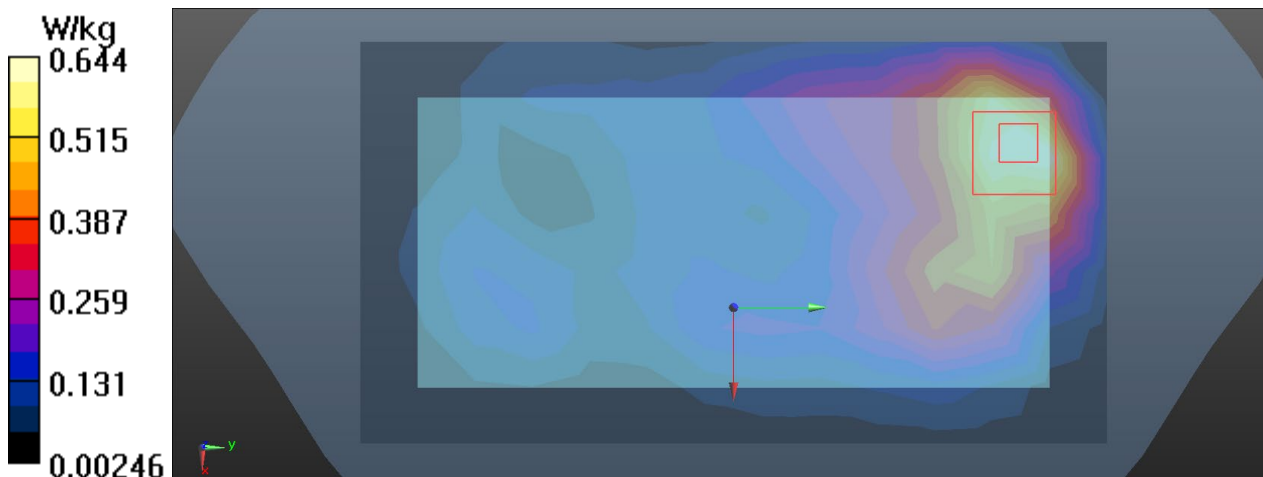
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.647 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



Test Laboratory: BTL Inc.

Date: 2021/8/18

B12_BT DH5_CH39_Rear Face_0cm

DUT: Mobile Phone;

Communication System: UID 0, Bluetooth (0);

Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 40.325$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2441 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

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

Maximum value of SAR (measured) = 0.495 W/kg

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

Reference Value = 1.597 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.750 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.450 W/kg

