

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/m<sup>3</sup>

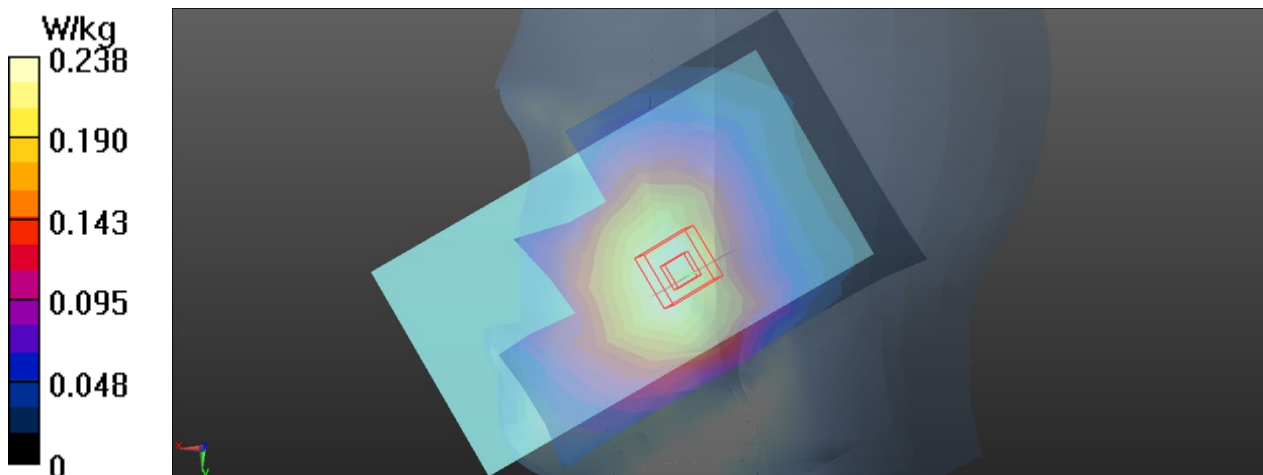
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

### 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=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.238 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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/m<sup>3</sup>

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

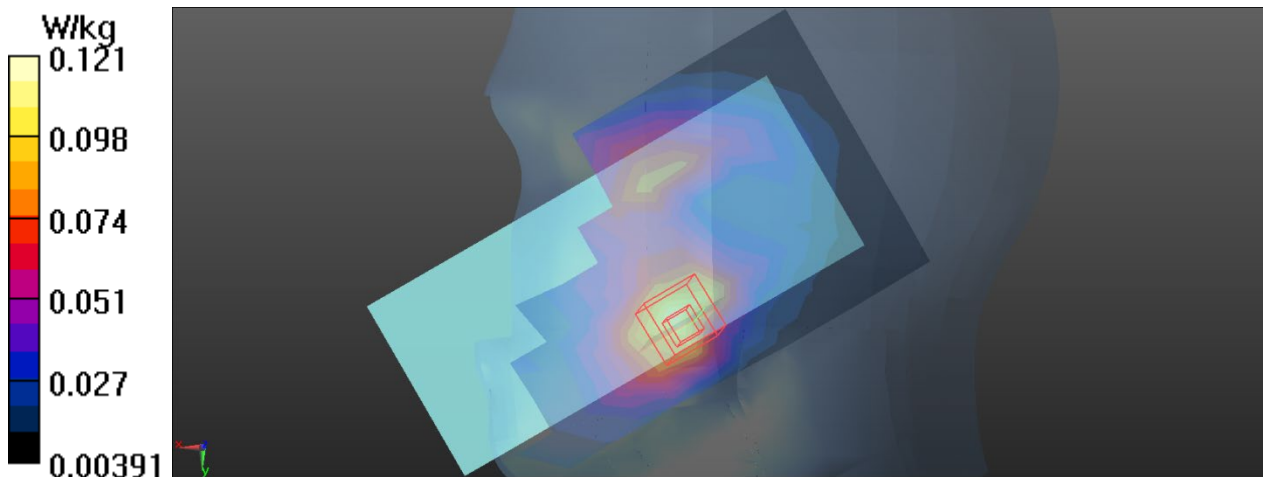
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

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/m<sup>3</sup>

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

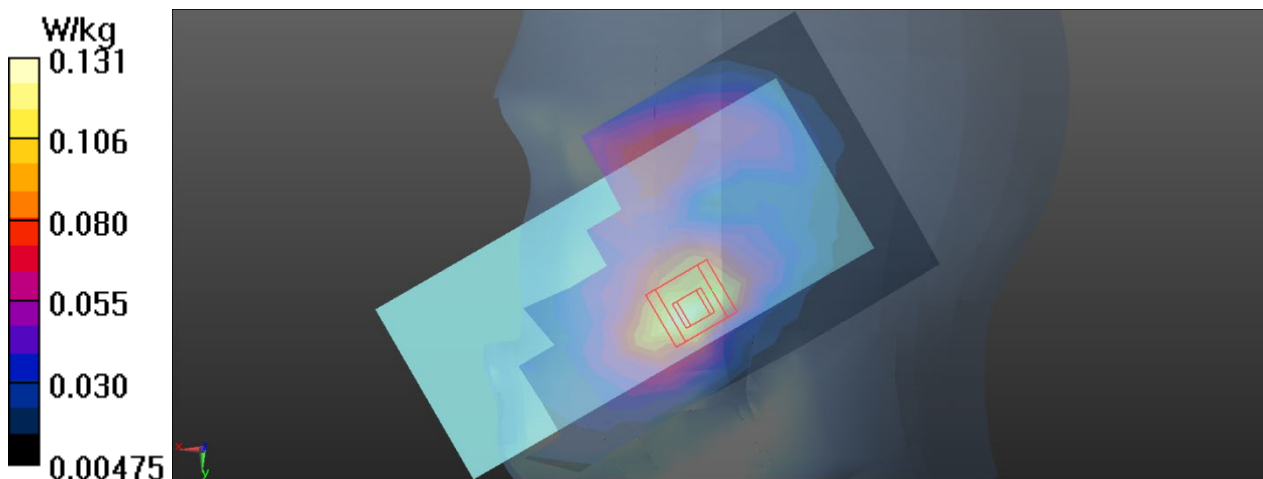
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

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



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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/m<sup>3</sup>

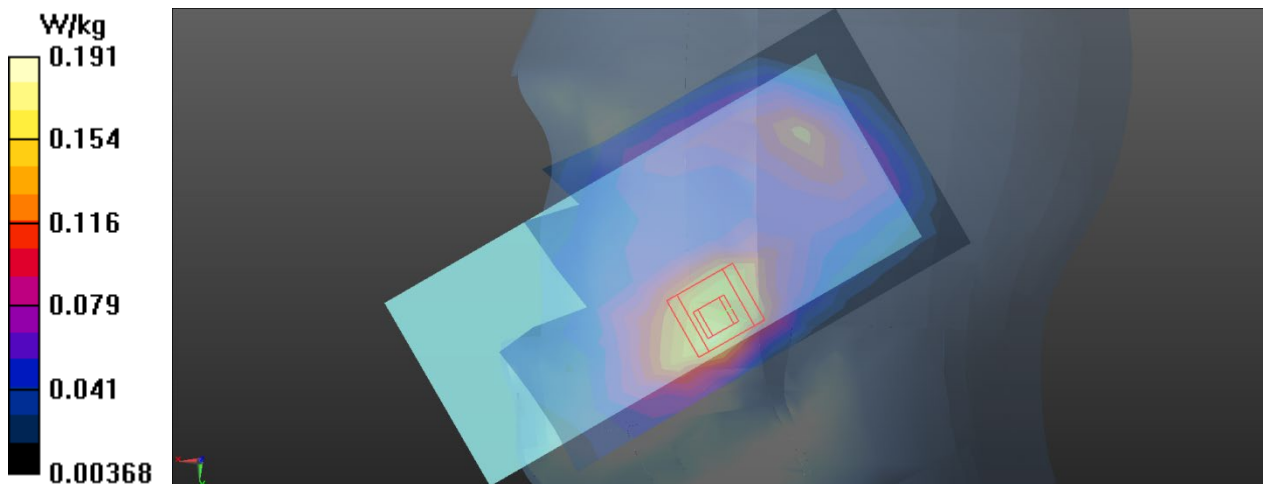
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

### 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



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## 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/m<sup>3</sup>

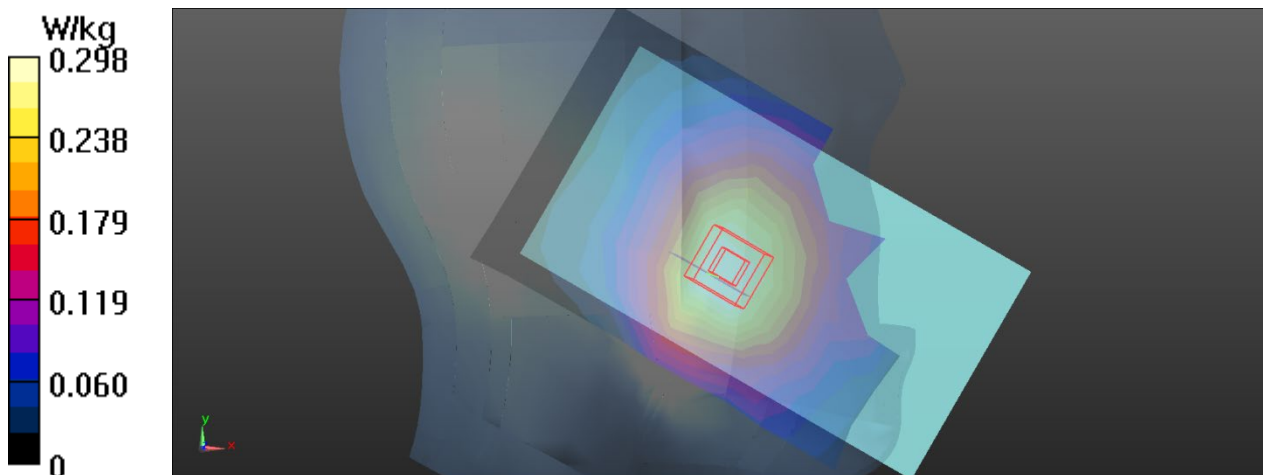
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

### 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



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## 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/m<sup>3</sup>

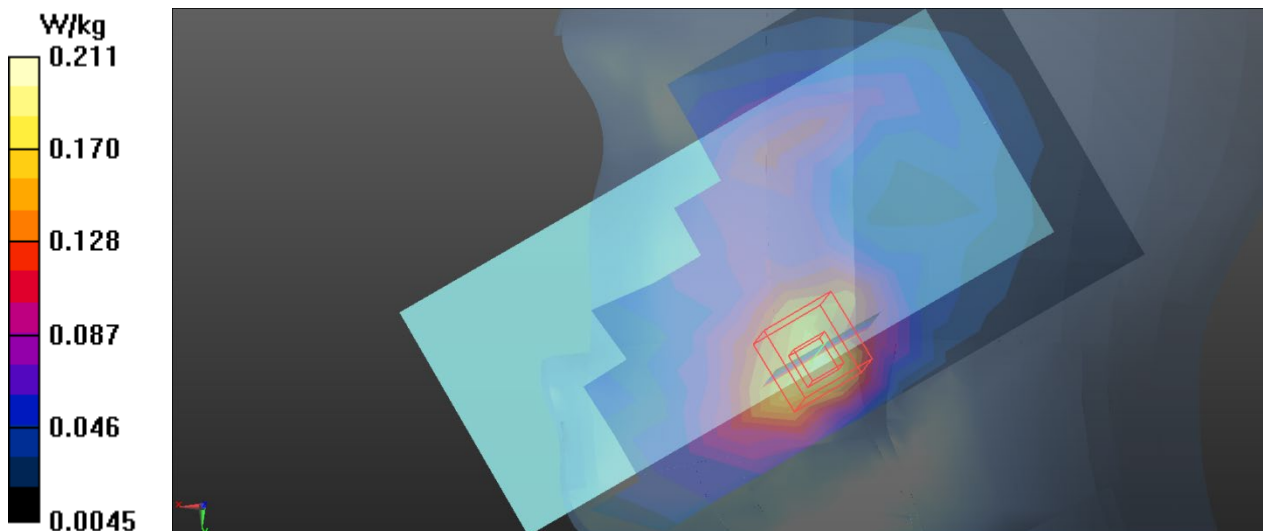
Ambient Temperature: 23.2 °C; Liquid Temperature: 22.2 °C

### 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



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## 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/m<sup>3</sup>

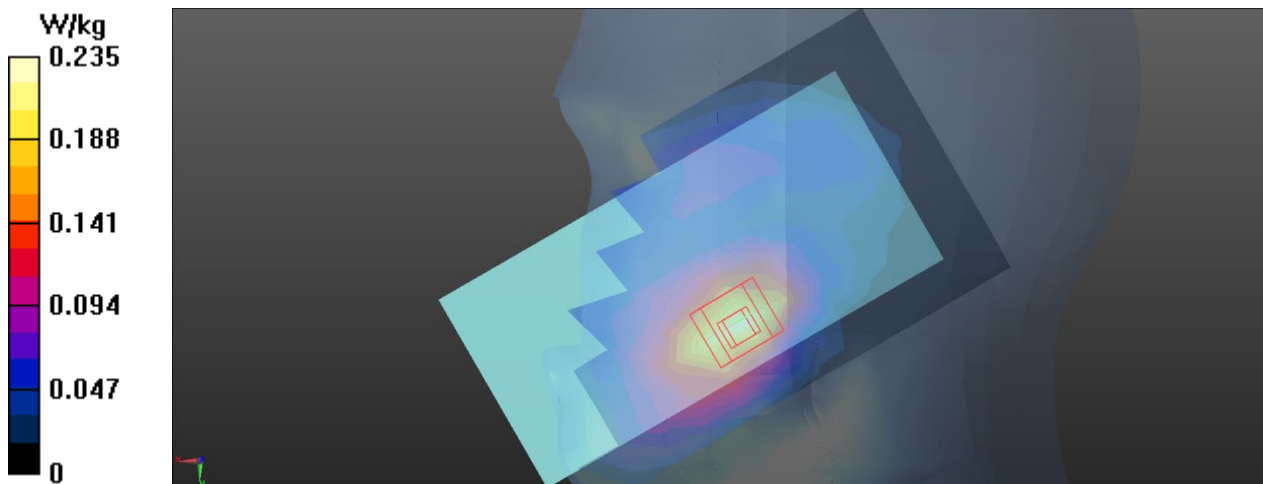
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

### 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



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## 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/m<sup>3</sup>

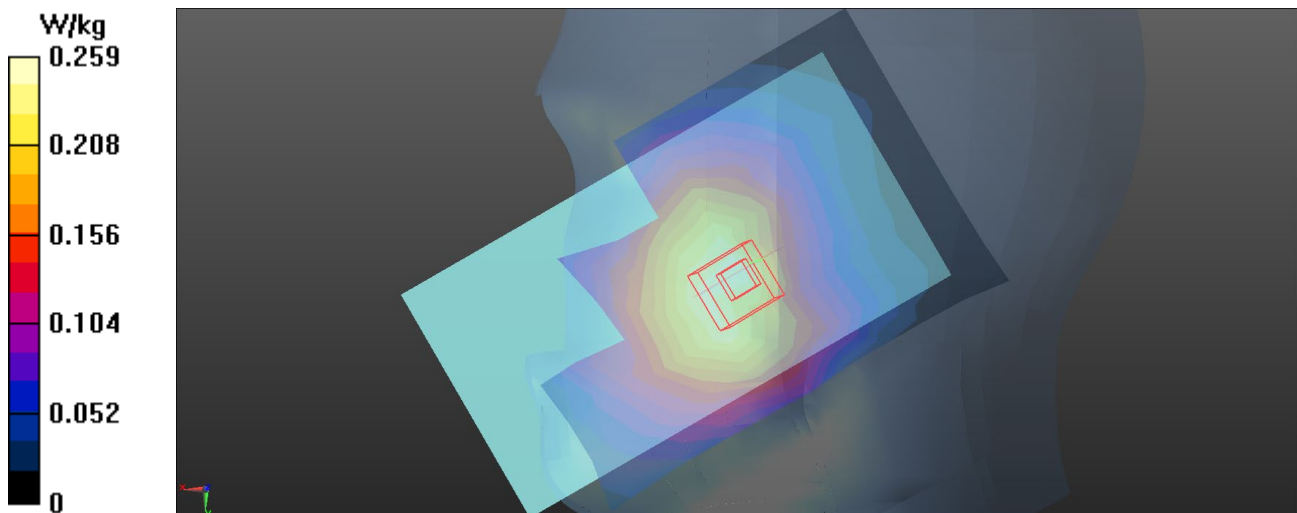
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

### 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=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.259 W/kg

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





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## L37\_LTE B7\_QPSK20M\_CH21100\_50RB\_Left Cheek\_Ant Main\_SIM 1

### DUT: Mobile Phone;

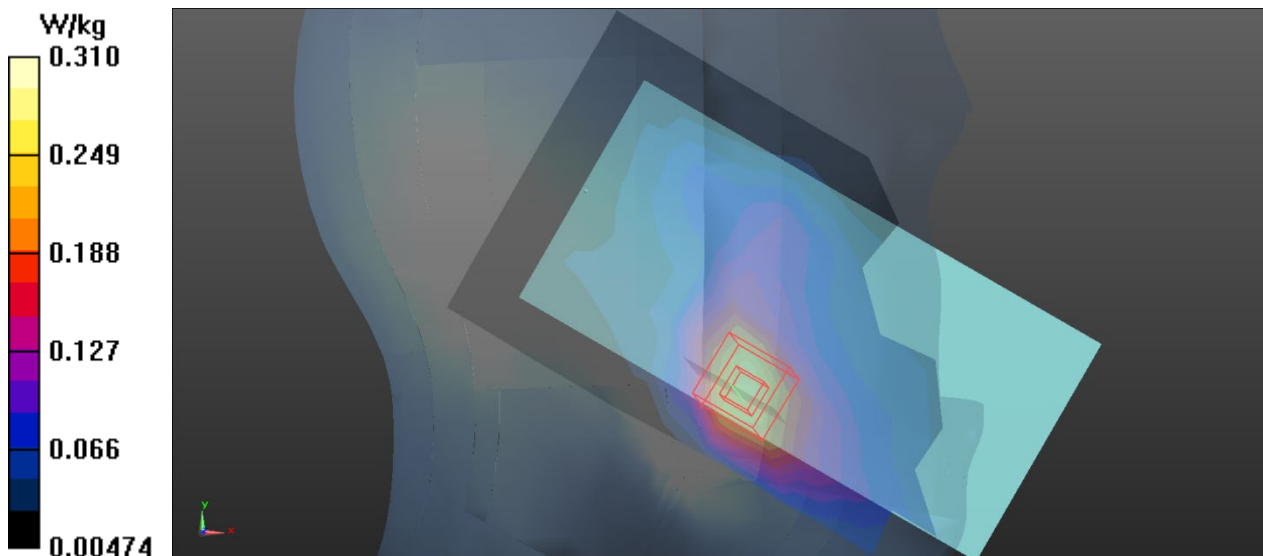
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0);  
Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.904$  S/m;  $\epsilon_r = 39.621$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

### 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



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**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/m<sup>3</sup>

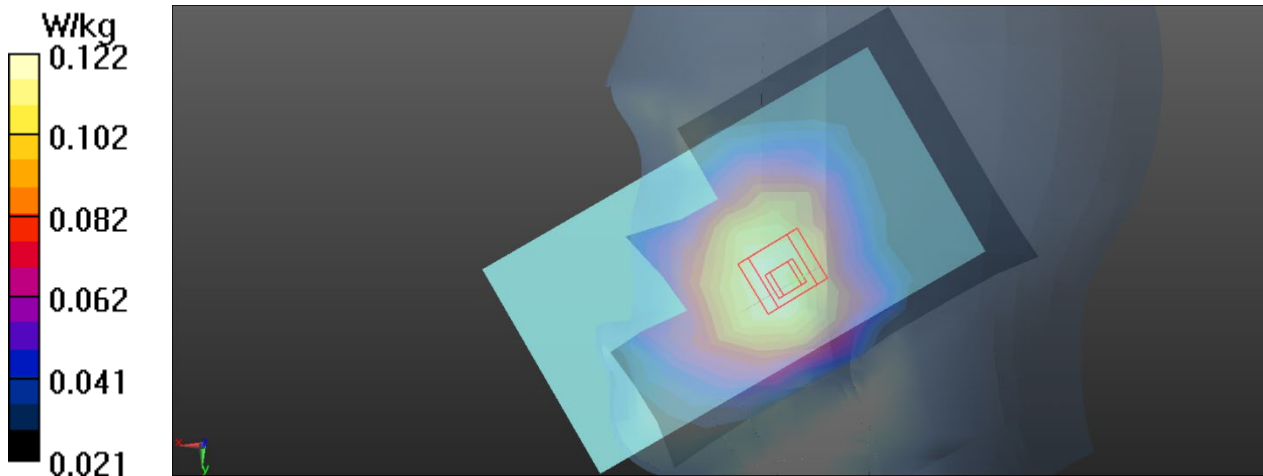
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

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=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.123 W/kg

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

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## L53\_LTE B17\_QPSK10M\_CH23780\_1RB\_Left Cheek\_Ant Main\_SIM 1

### DUT: Mobile Phone;

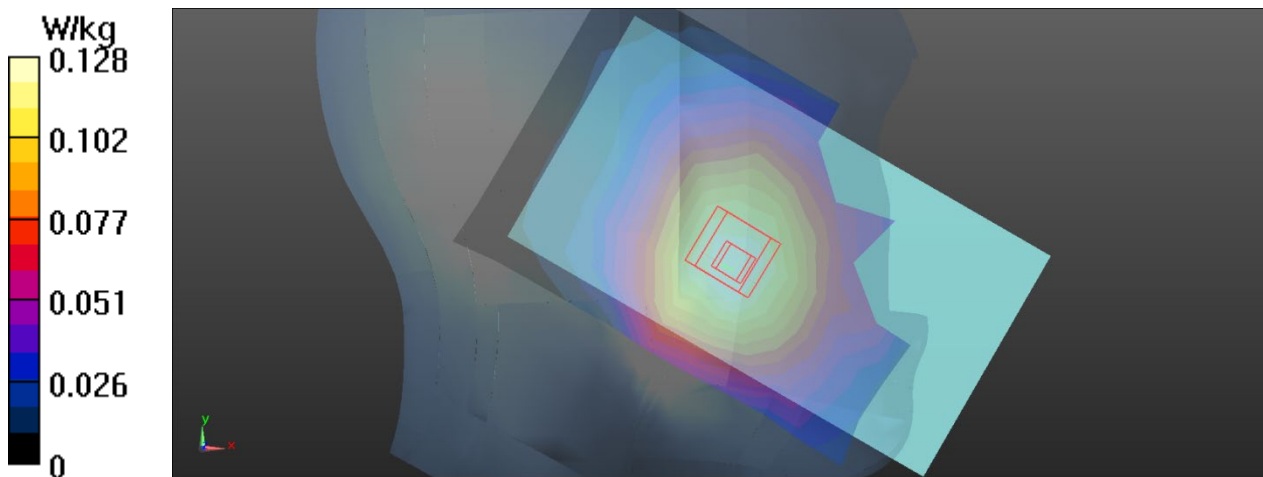
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 709 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 709 \text{ MHz}$ ;  $\sigma = 0.86 \text{ S/m}$ ;  $\epsilon_r = 43.11$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.3 °C; 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



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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/m<sup>3</sup>

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

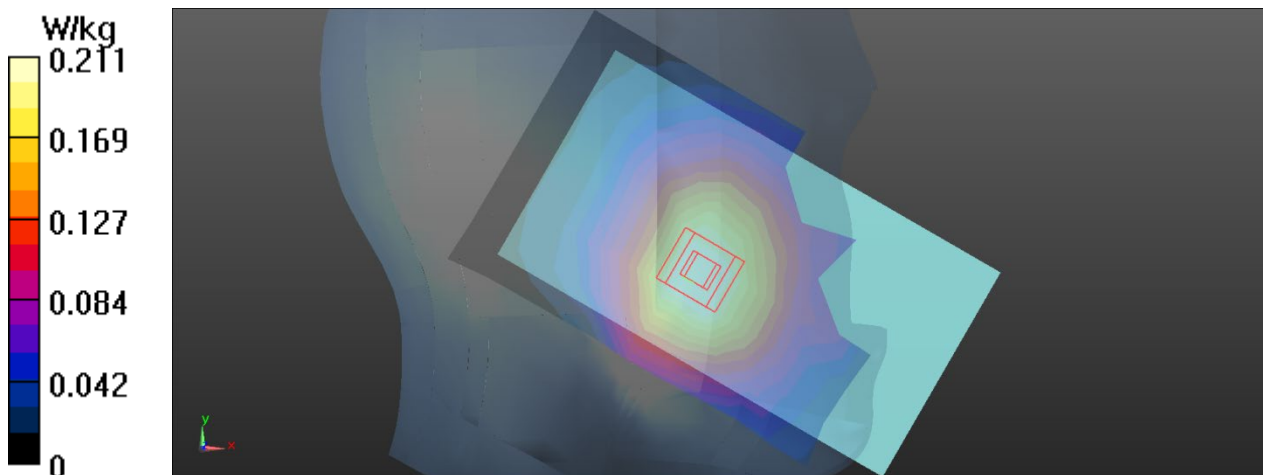
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

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



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## 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/m<sup>3</sup>

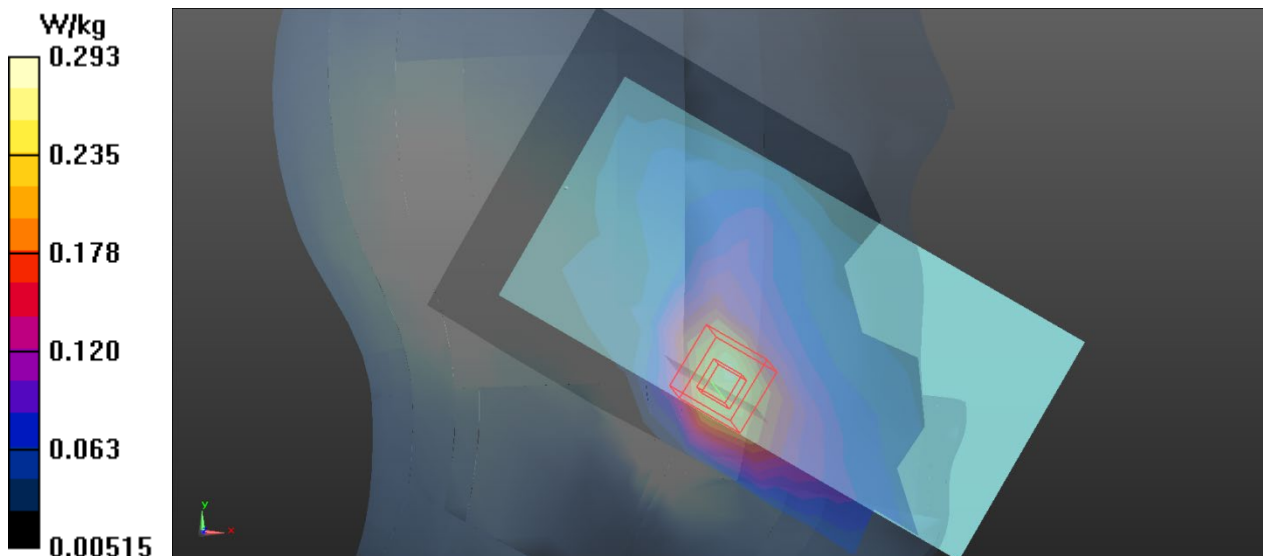
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

### 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



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## 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/m<sup>3</sup>

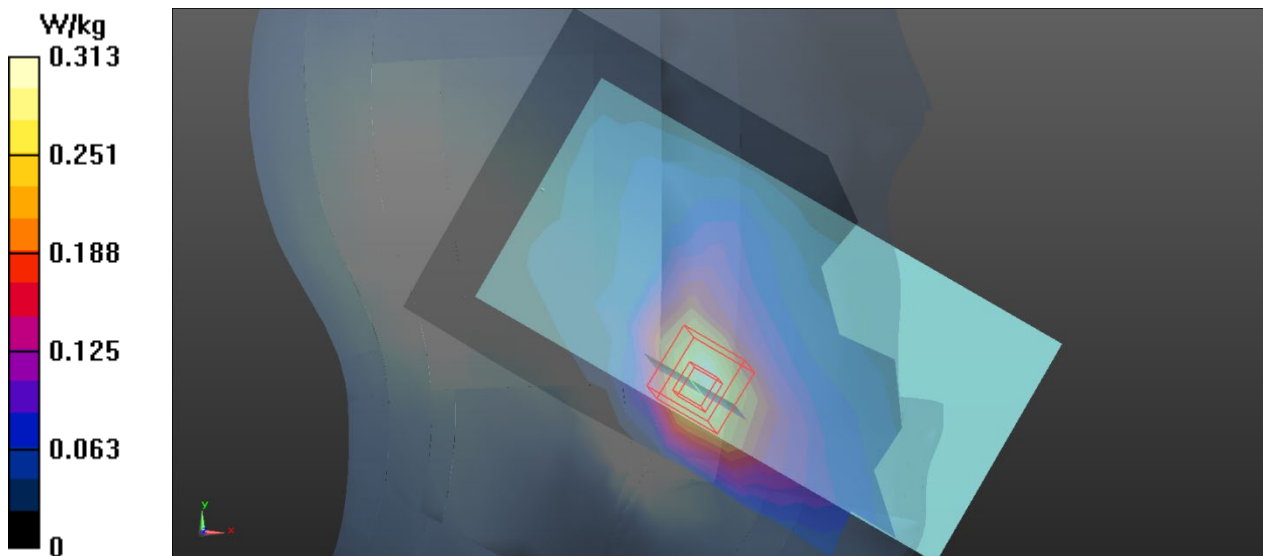
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

### 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/m<sup>3</sup>

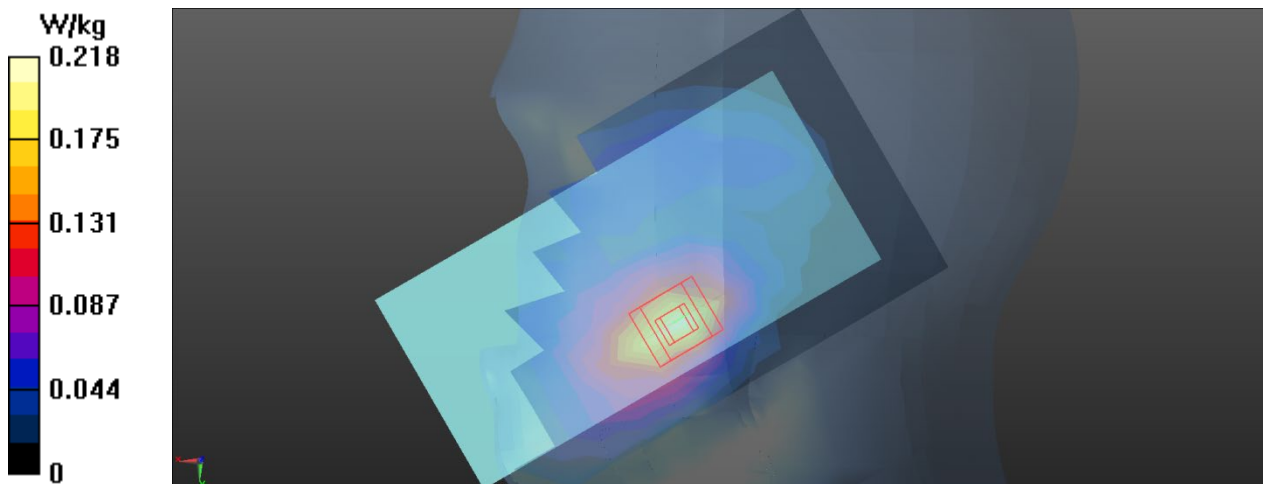
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

### 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/m<sup>3</sup>

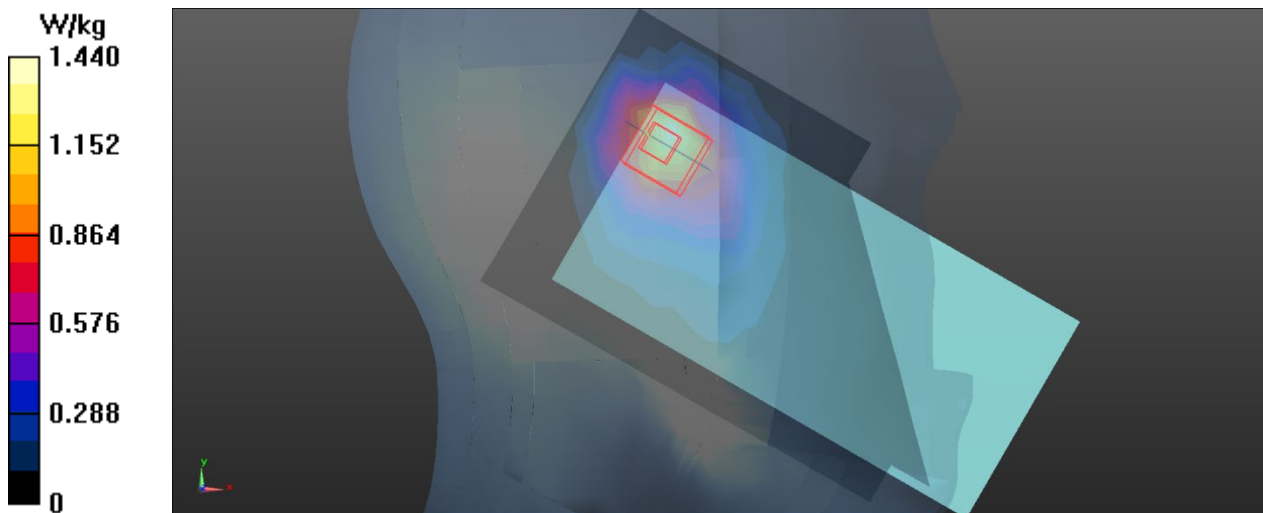
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

### 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/m<sup>3</sup>

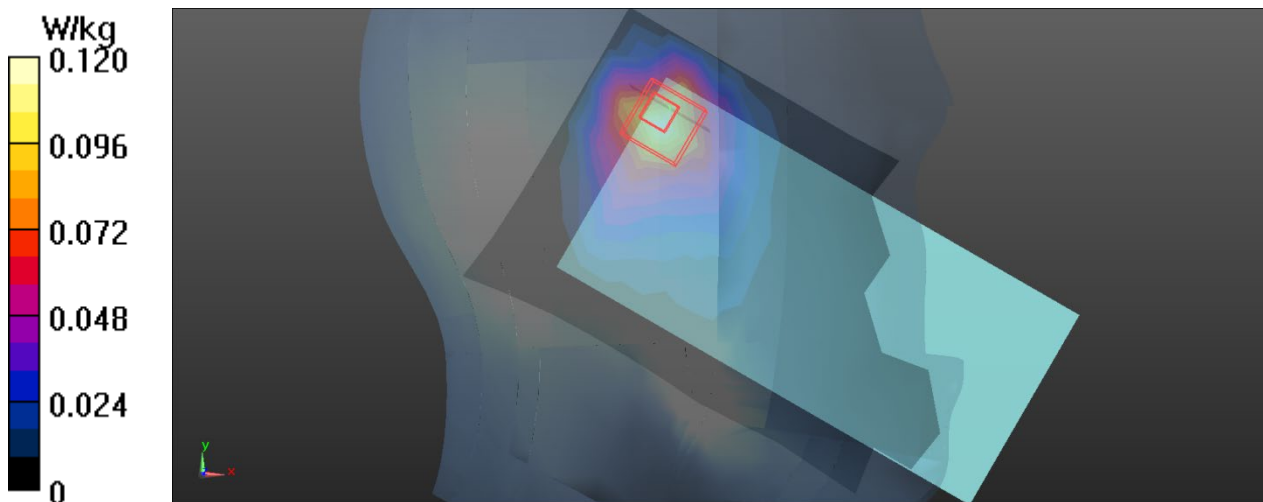
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

#### 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/m<sup>3</sup>

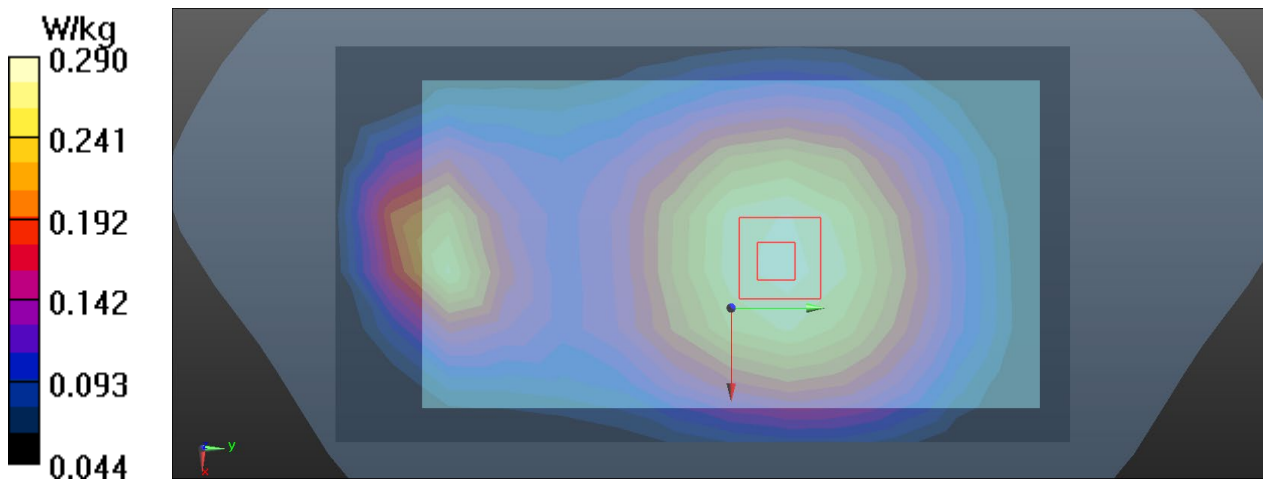
Ambient Temperature : 23. 3°C; Liquid Temperature : 22.5 °C

### 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=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.282 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 39.547$ ;  $\rho = 1000$  kg/m<sup>3</sup>

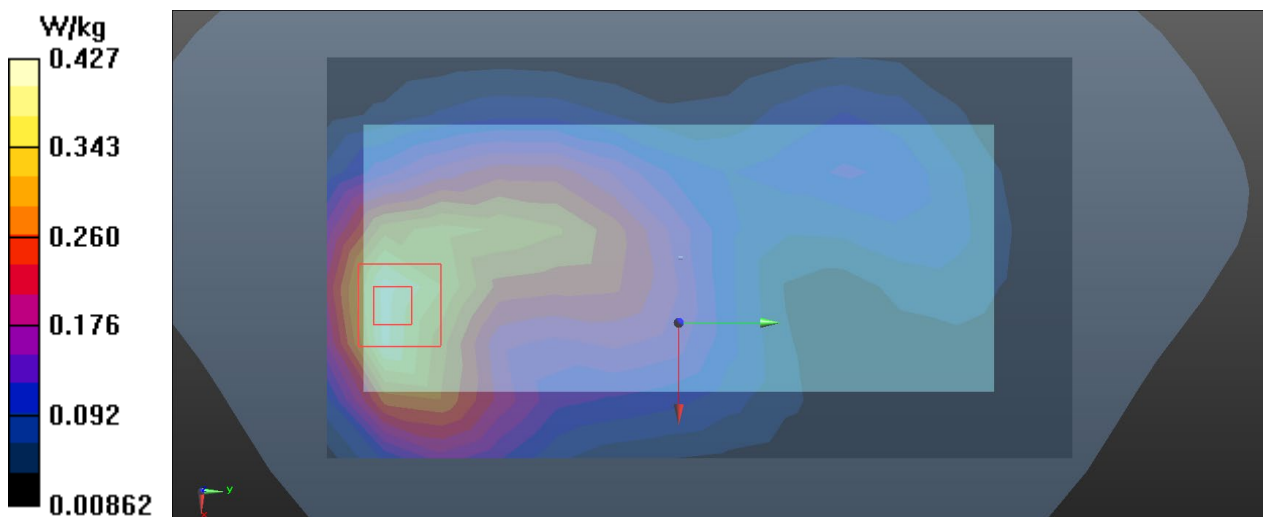
Ambient Temperature: 23.2 °C; Liquid Temperature: 22.2 °C

### 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) = 0.415 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ 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/m<sup>3</sup>

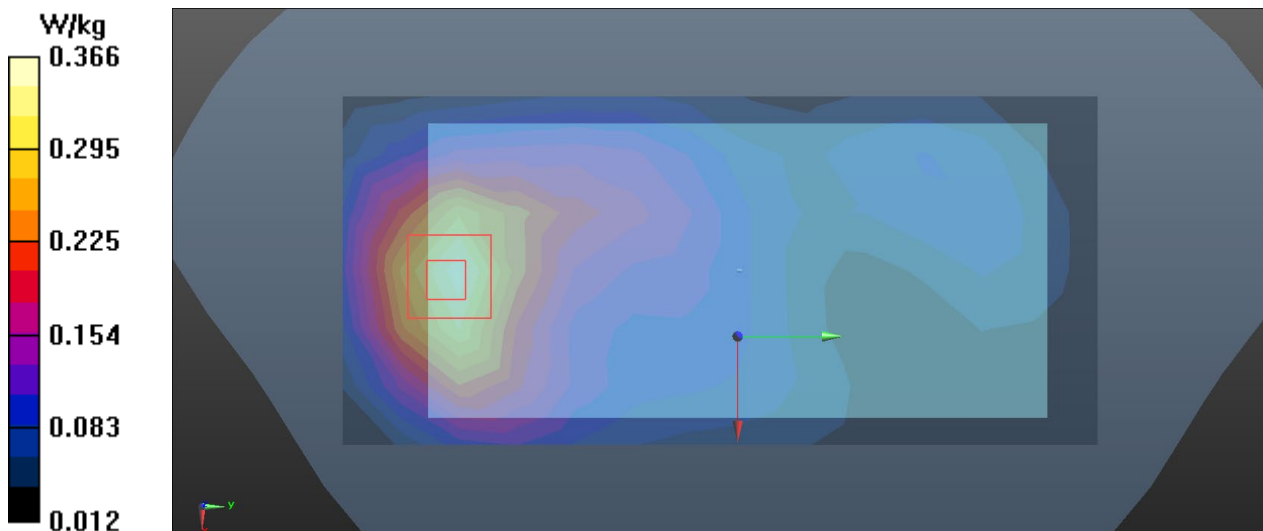
Ambient Temperature: 23.1 °C; Liquid Temperature: 22.5 °C

### 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/m<sup>3</sup>

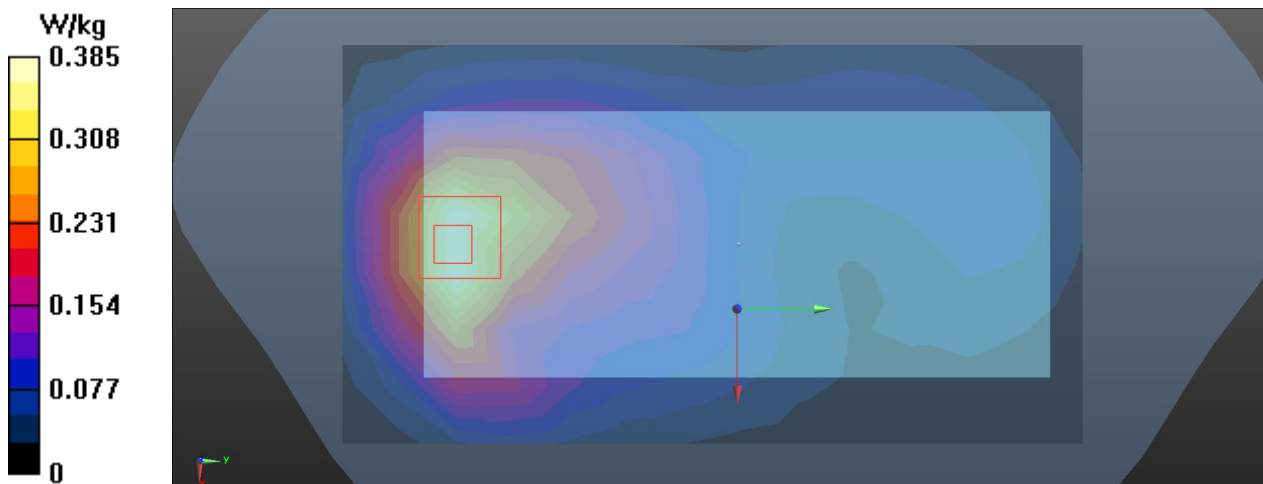
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

### 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/m<sup>3</sup>

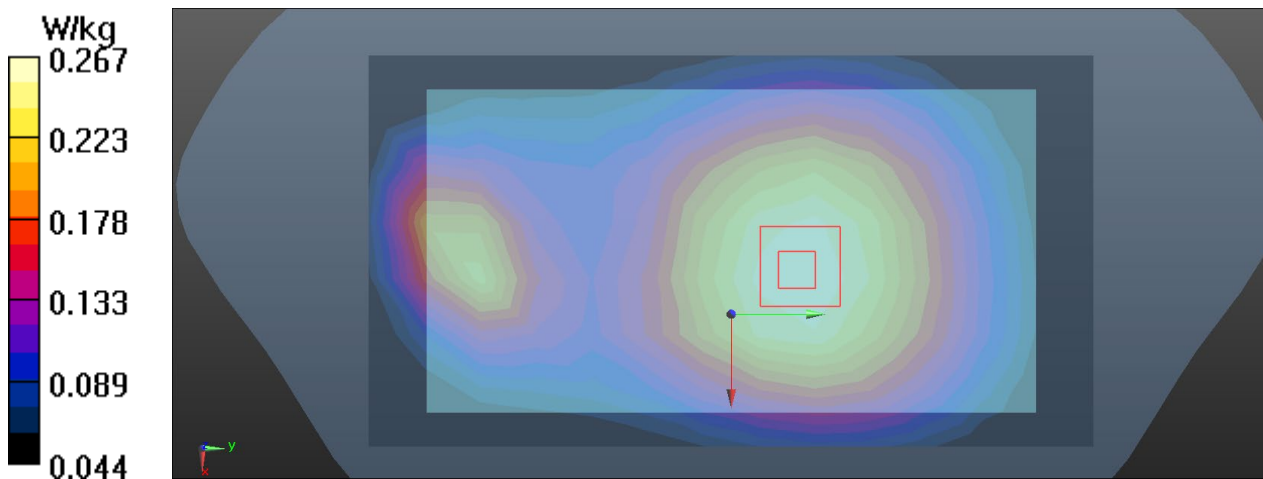
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### 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/m<sup>3</sup>

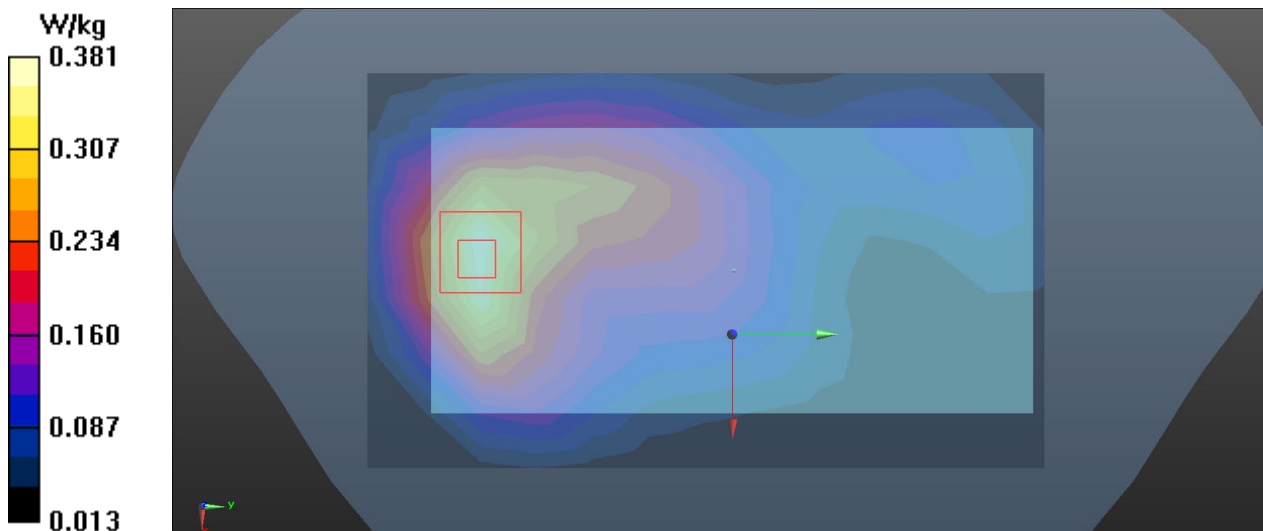
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.5 °C

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/m<sup>3</sup>

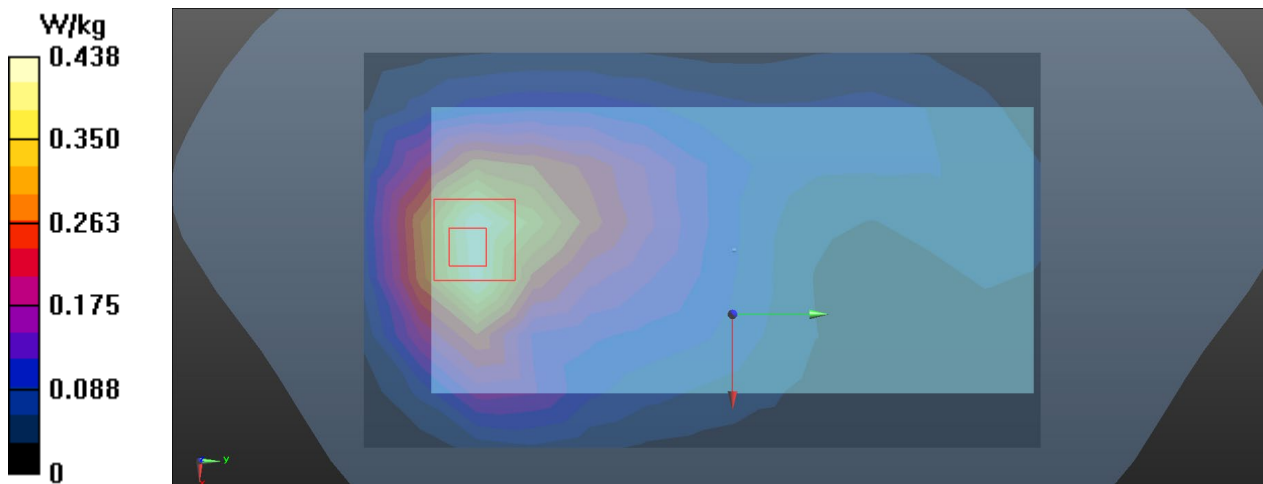
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

### 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):  $f = 829$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 42.236$ ;  $\rho = 1000$  kg/m<sup>3</sup>

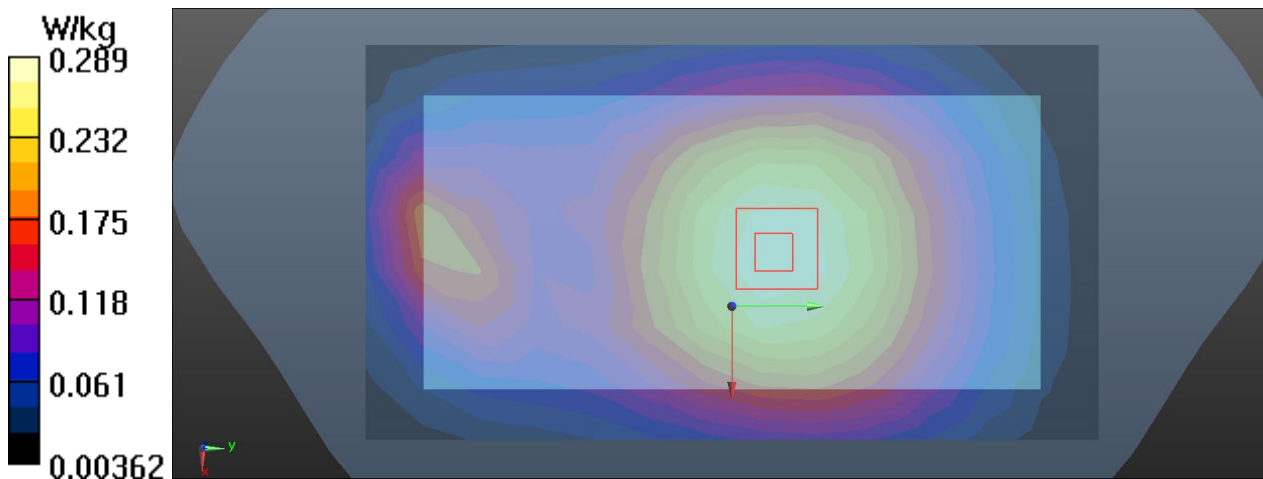
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### 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:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.289 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ 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/m<sup>3</sup>

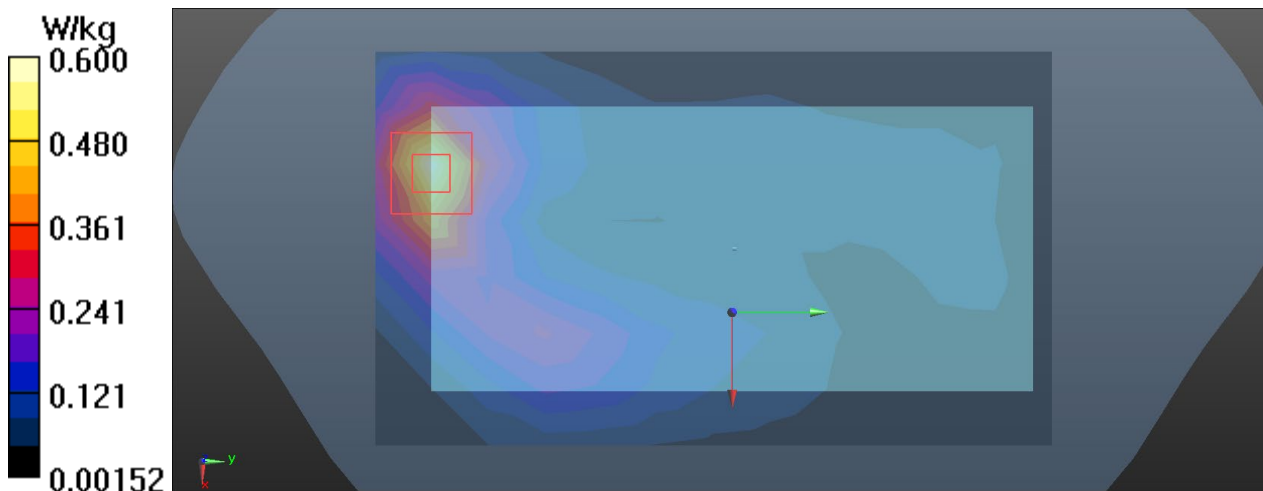
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

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;

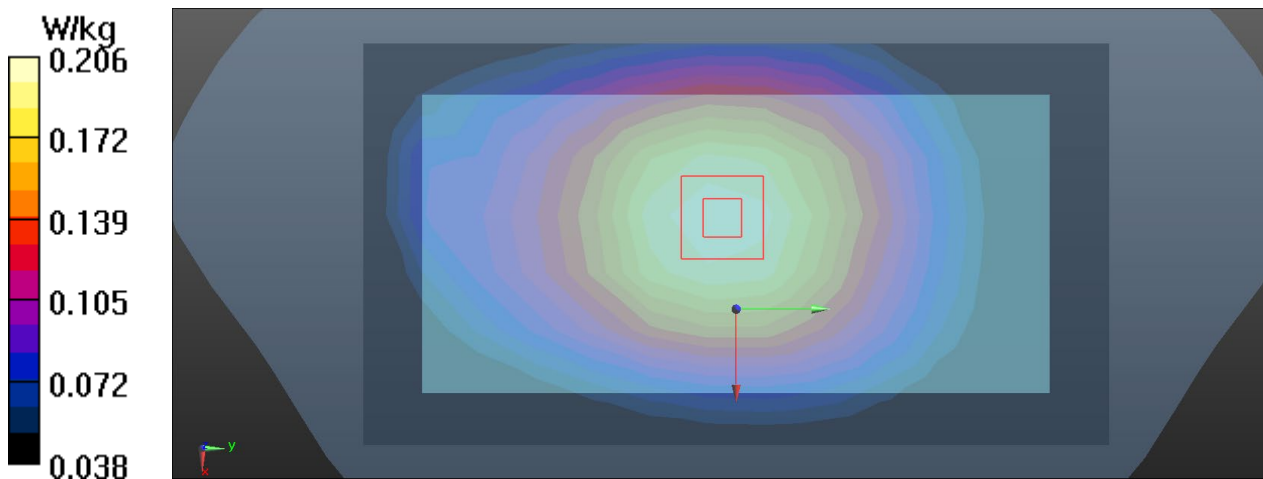
Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0);  
Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 43.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °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;

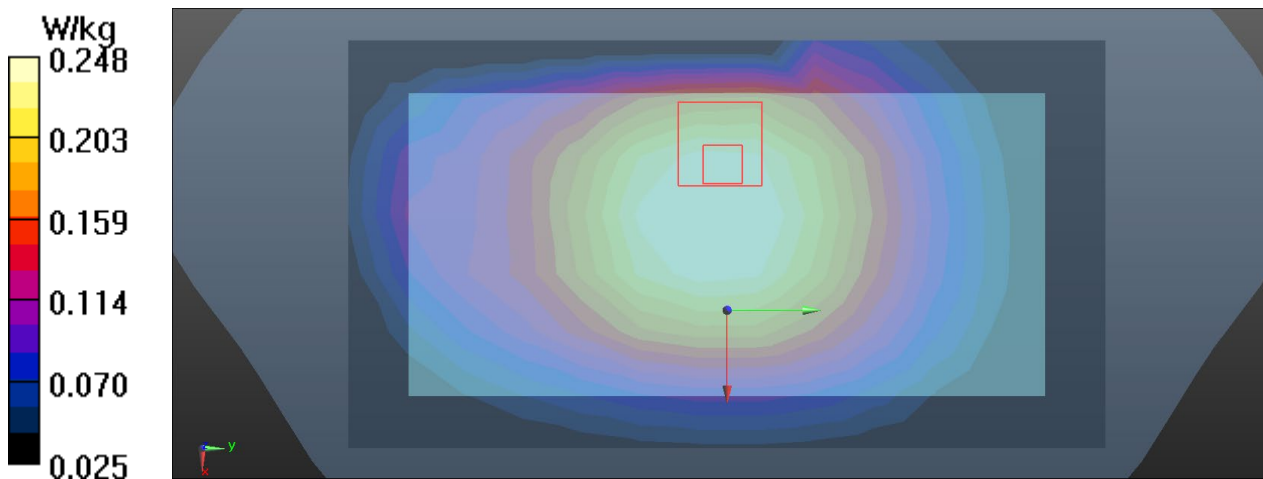
Communication System: UID 10154 - CAG, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK);  
Frequency: 709 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 709$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 43.18$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 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:  $dx=15$ 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 = 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/m<sup>3</sup>

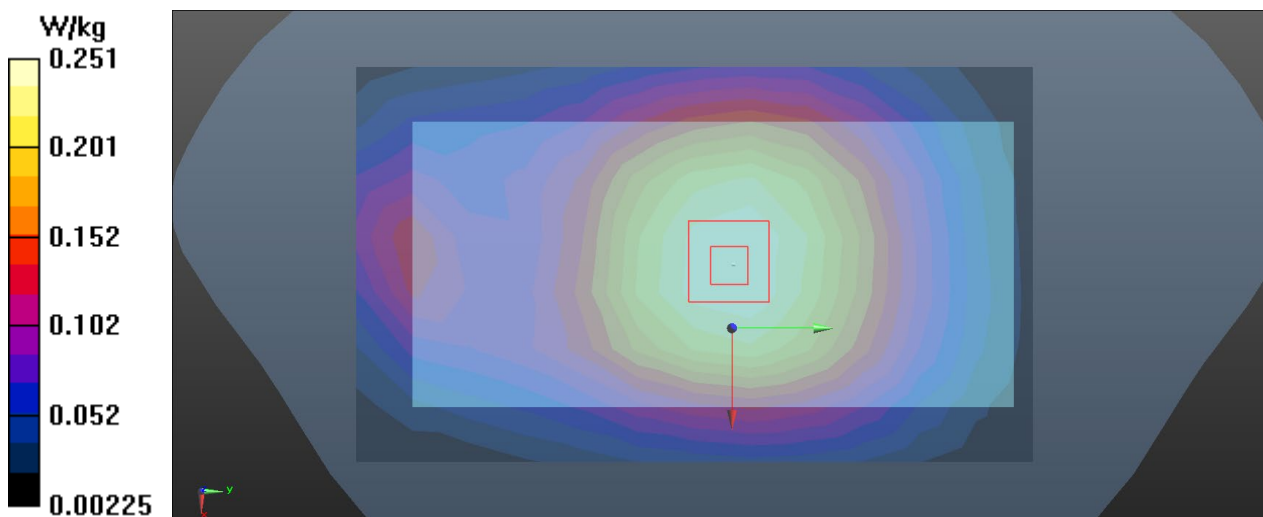
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

### 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=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.251 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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/m<sup>3</sup>

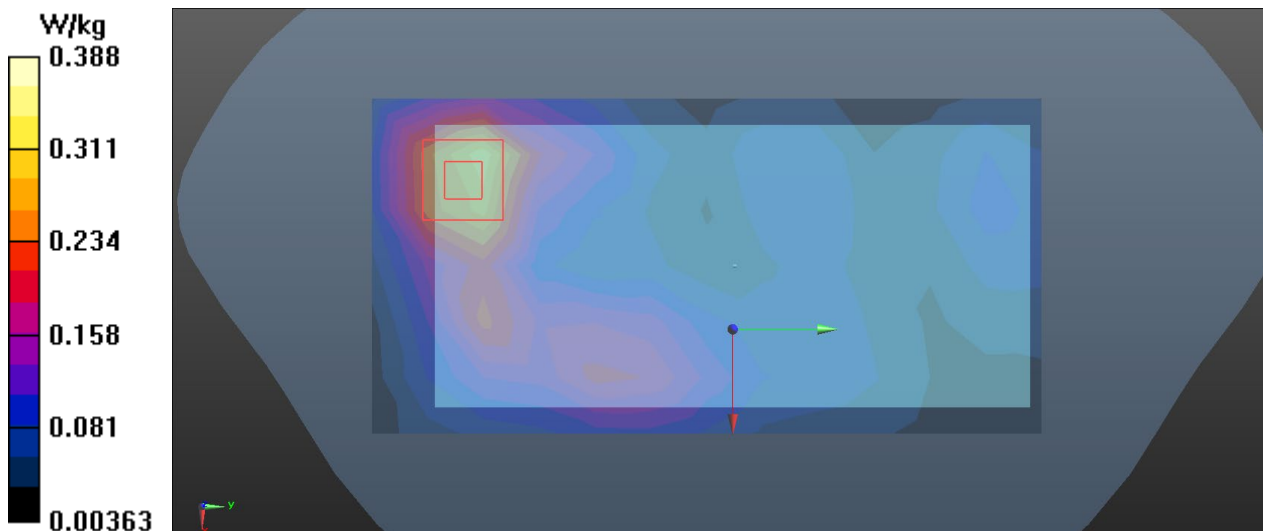
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

### 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);

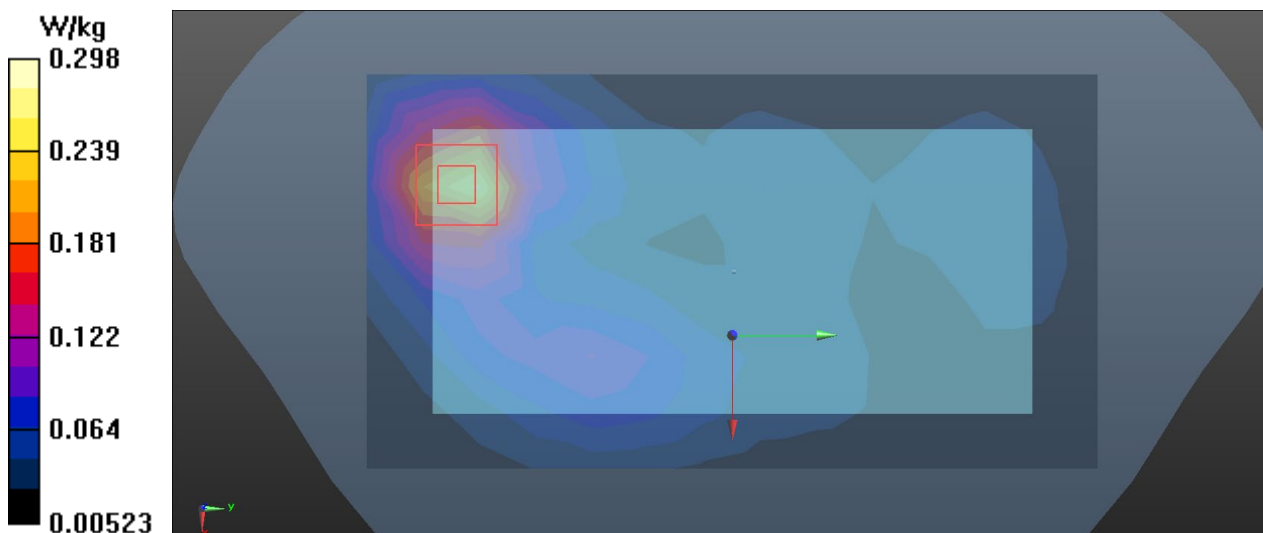
Frequency: 2545 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated):  $f = 2545$  MHz;  $\sigma = 1.914$  S/m;  $\epsilon_r = 39.576$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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/m<sup>3</sup>

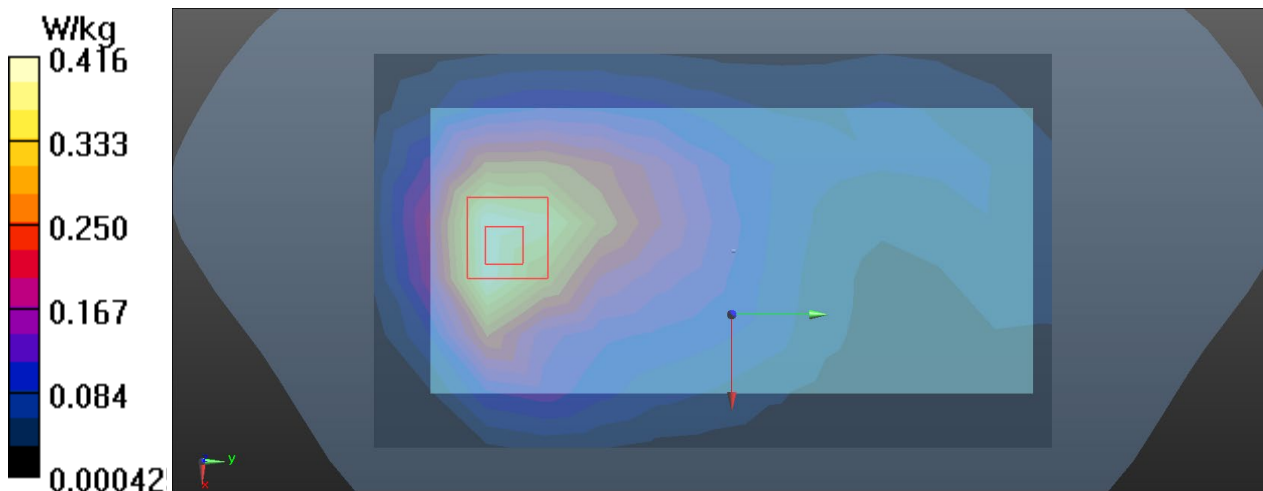
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

### 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/m<sup>3</sup>

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

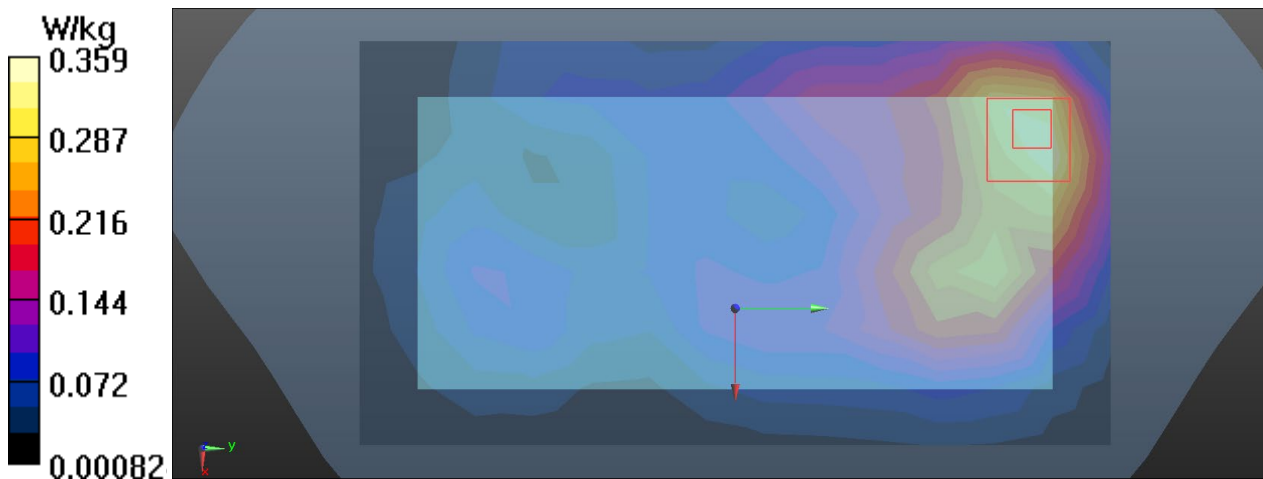
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

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;**

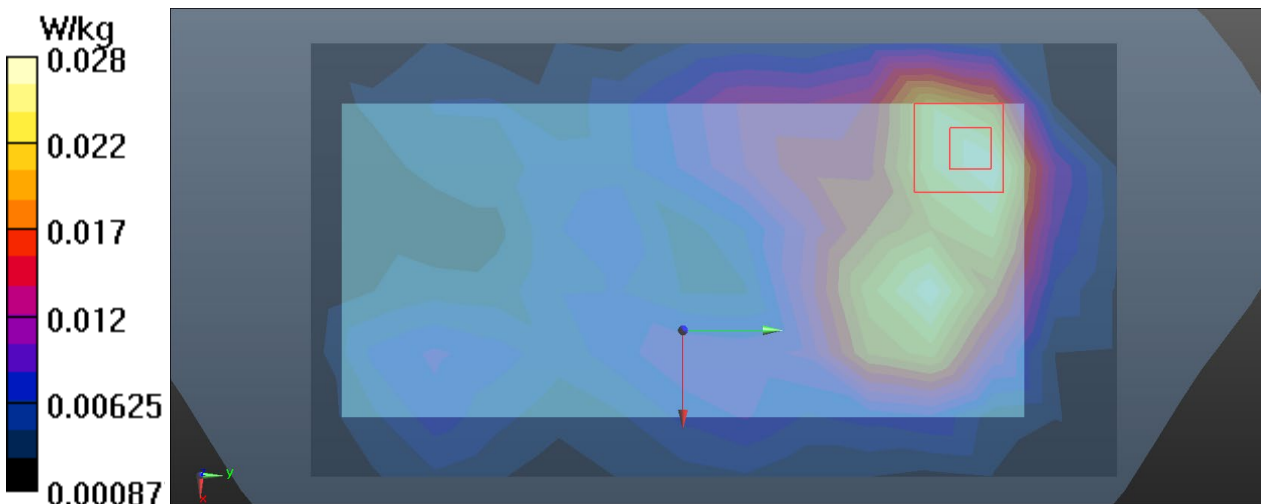
Communication System: UID 0, Bluetooth (0);  
Frequency: 2441 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.839$  S/m;  $\epsilon_r = 40.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

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=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.0278 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
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/m<sup>3</sup>

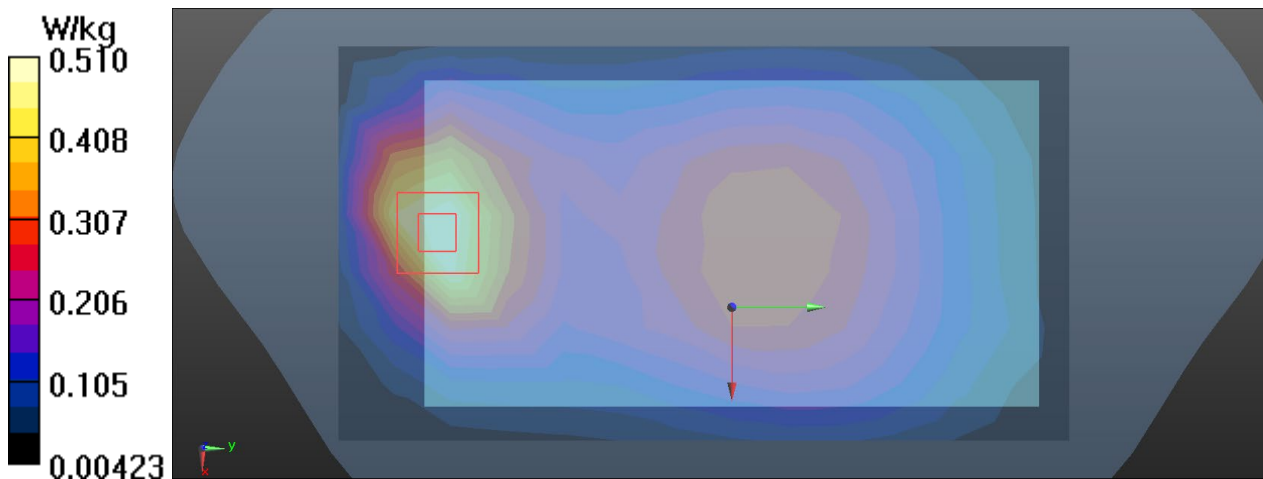
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

### 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=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.510 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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):  $f = 1880$  MHz;  $\sigma = 1.32$  S/m;  $\epsilon_r = 40.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>

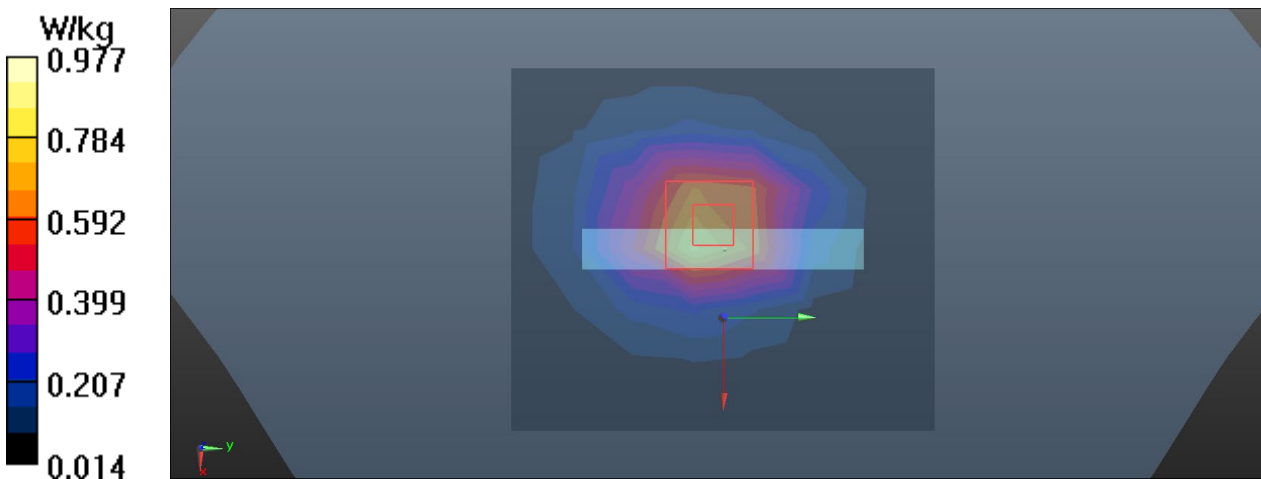
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

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:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.805 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ 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/m<sup>3</sup>

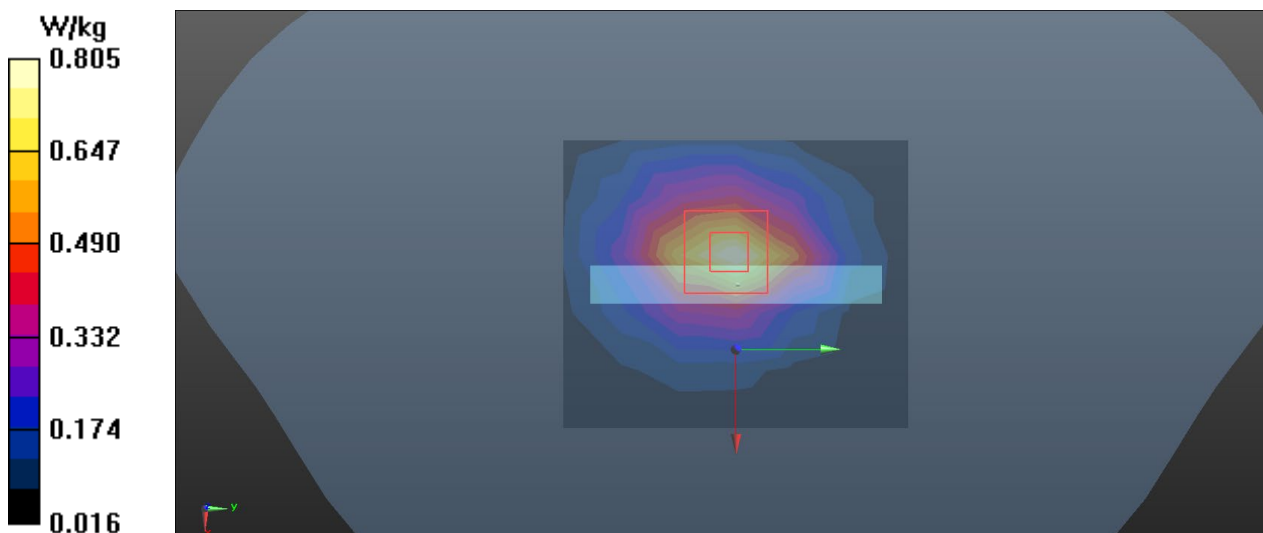
Ambient Temperature: 23.1 °C; Liquid Temperature: 22.5 °C

### 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/m<sup>3</sup>

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

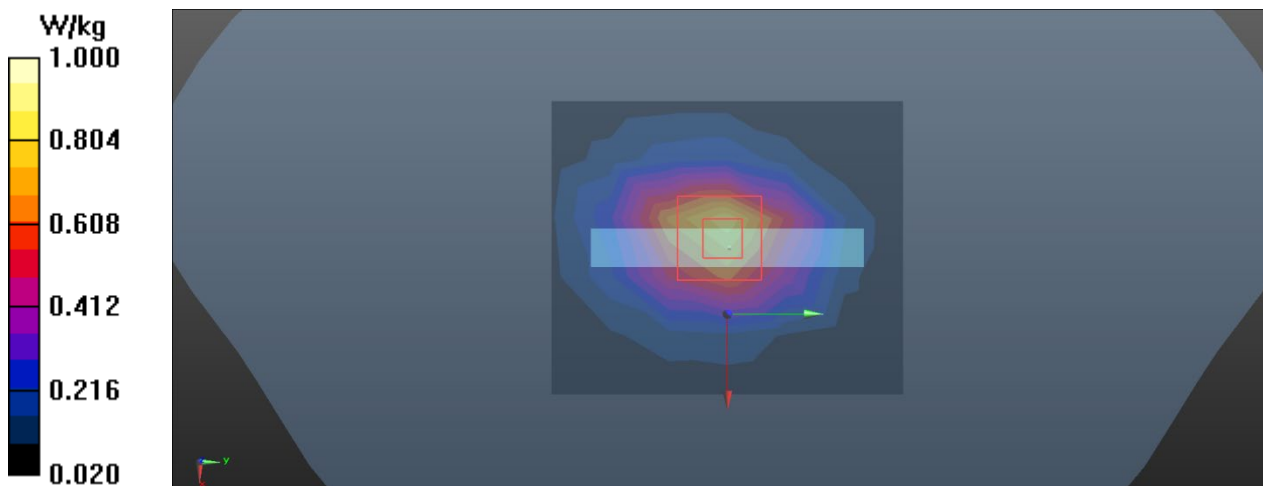
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

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/m<sup>3</sup>

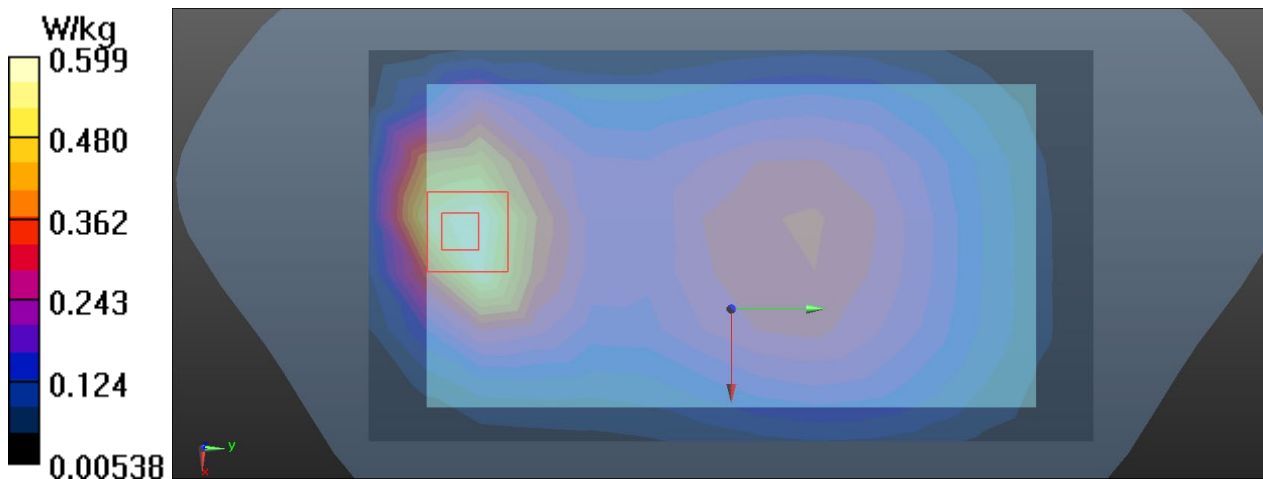
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### 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=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.599 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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):  $f = 1880$  MHz;  $\sigma = 1.322$  S/m;  $\epsilon_r = 41.998$ ;  $\rho = 1000$  kg/m<sup>3</sup>

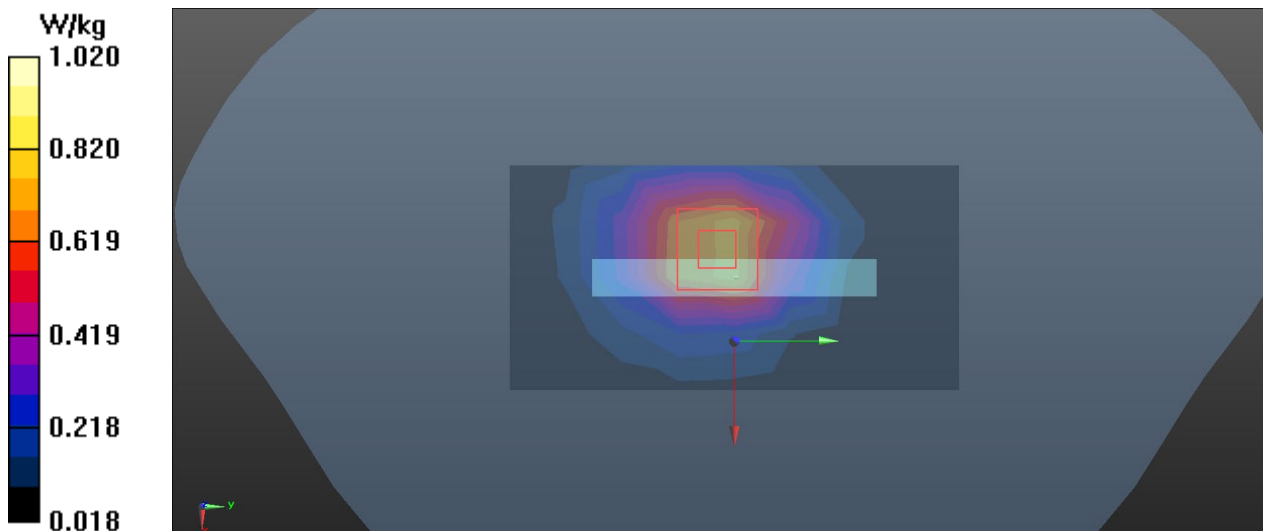
Ambient Temperature: 23.1 °C; Liquid Temperature: 22.5 °C

### 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 (5x9x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.790 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ 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/m<sup>3</sup>

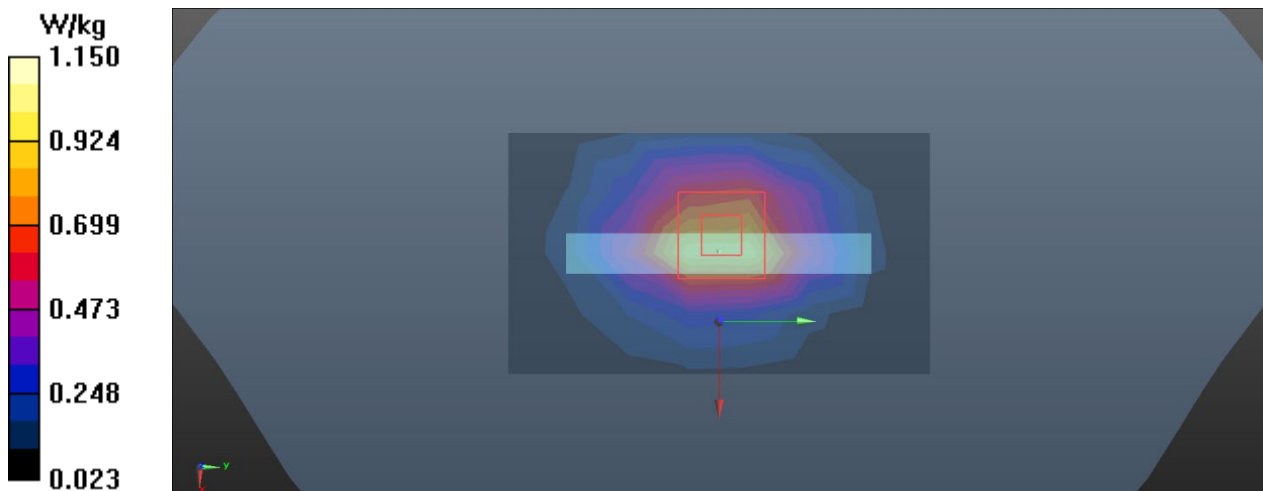
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

### 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):  $f = 829$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 42.236$ ;  $\rho = 1000$  kg/m<sup>3</sup>

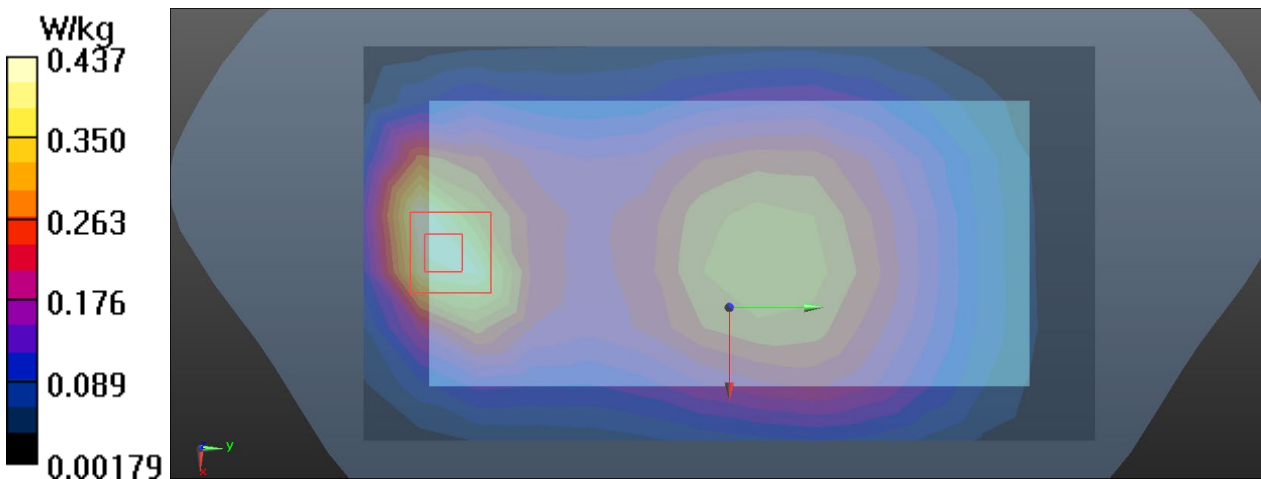
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

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:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.437 W/kg

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

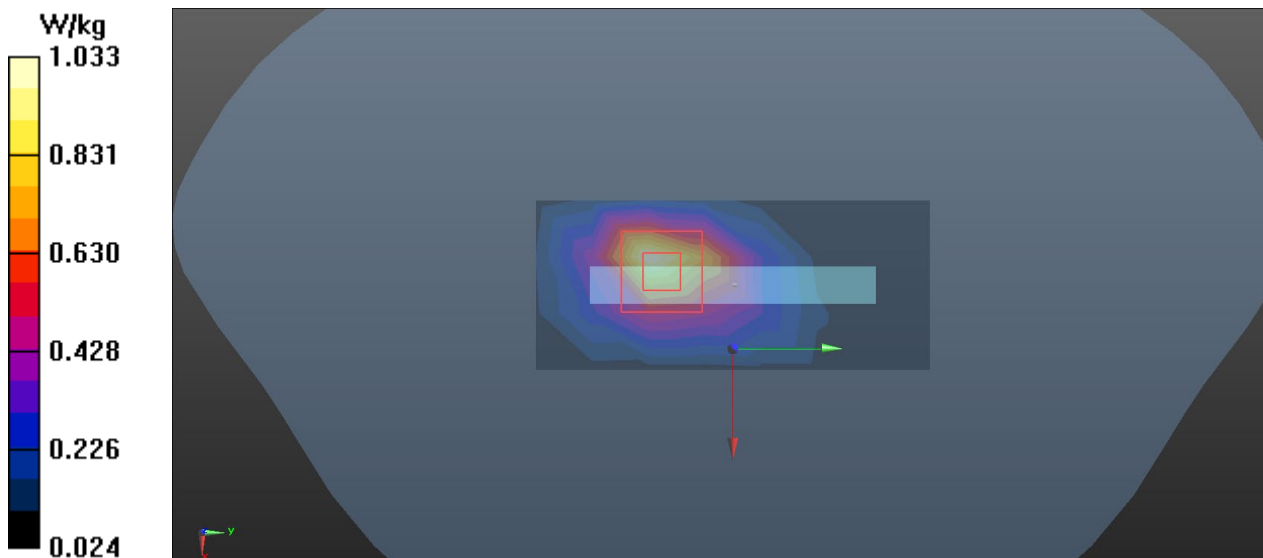
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);  
Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.904$  S/m;  $\epsilon_r = 39.621$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

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 (5x10x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 1.03 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ 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):  $f = 704$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.228$ ;  $\rho = 1000$  kg/m<sup>3</sup>

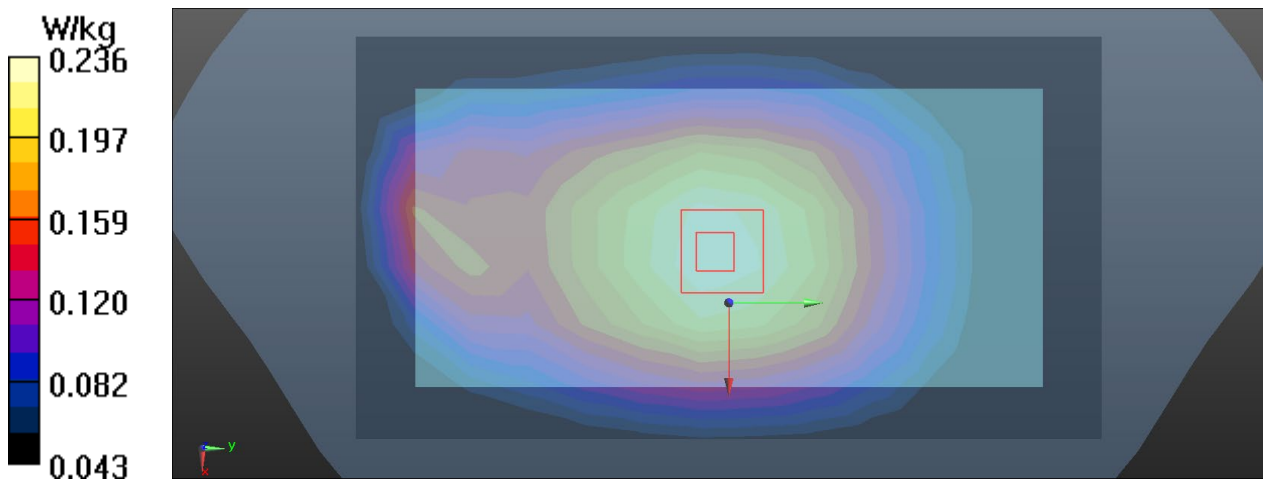
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### 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=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.236 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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):  $f = 709$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 43.18$ ;  $\rho = 1000$  kg/m<sup>3</sup>

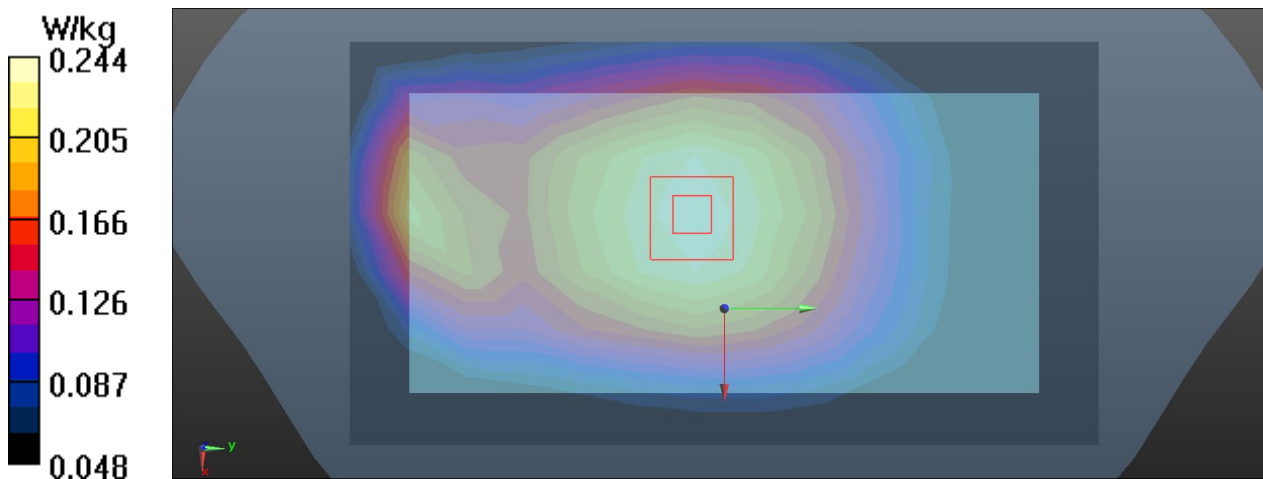
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### 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:  $dx=15$ 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 = 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/m<sup>3</sup>

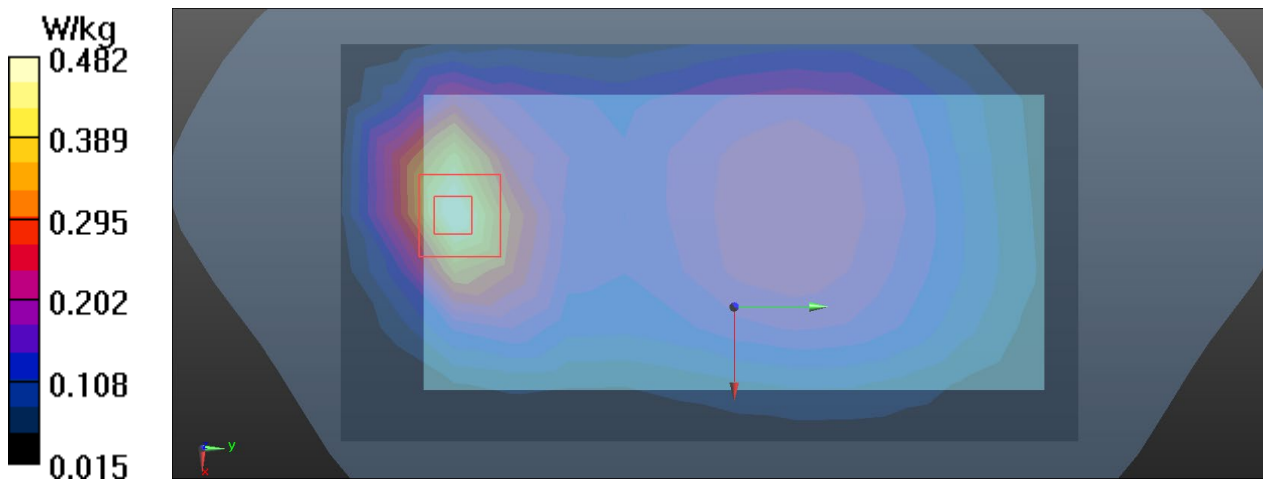
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### 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;**

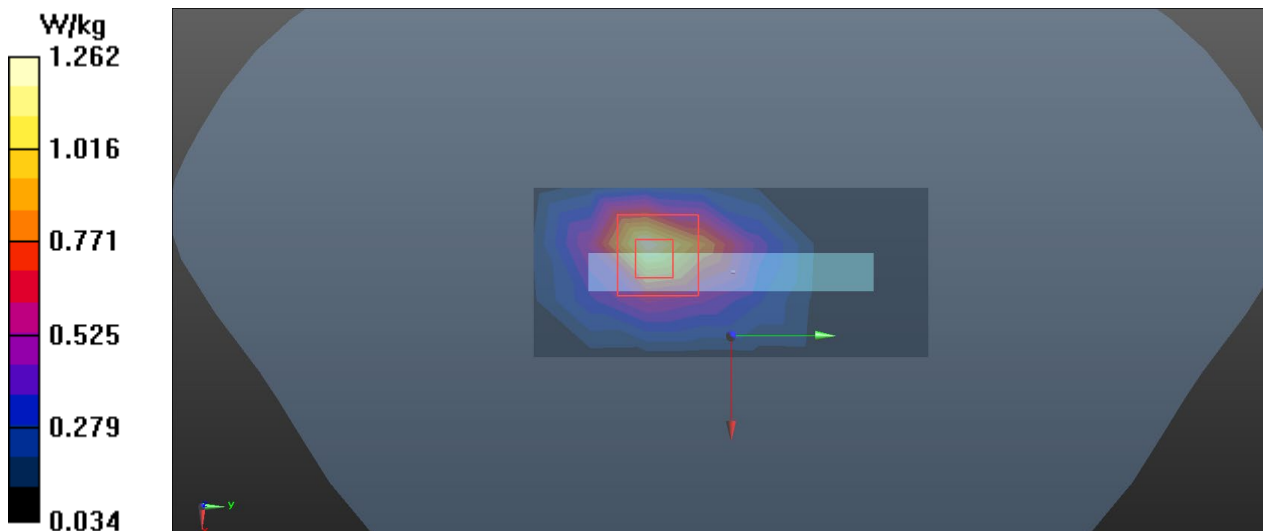
Communication System: UID 0, LTE-TDD (SC-FDMA, 1 RB,20MHz, QPSK) (0);  
Frequency: 2595 MHz; Duty Cycle: 1:1.58  
Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.974$  S/m;  $\epsilon_r = 39.418$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

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=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.26 W/kg

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

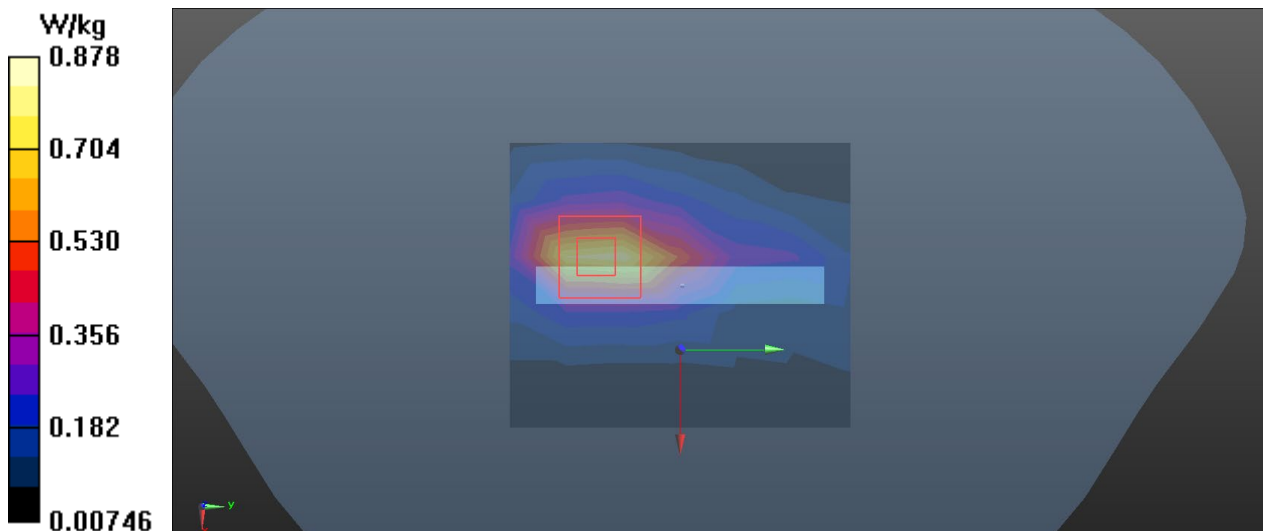
Communication System: UID 0, LTE-TDD (SC-FDMA, 1 RB,20MHz, QPSK) (0);  
Frequency: 2645 MHz; Duty Cycle: 1:1.58  
Medium parameters used (interpolated):  $f = 2645$  MHz;  $\sigma = 2.023$  S/m;  $\epsilon_r = 39.223$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature: 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=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.805 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
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/m<sup>3</sup>

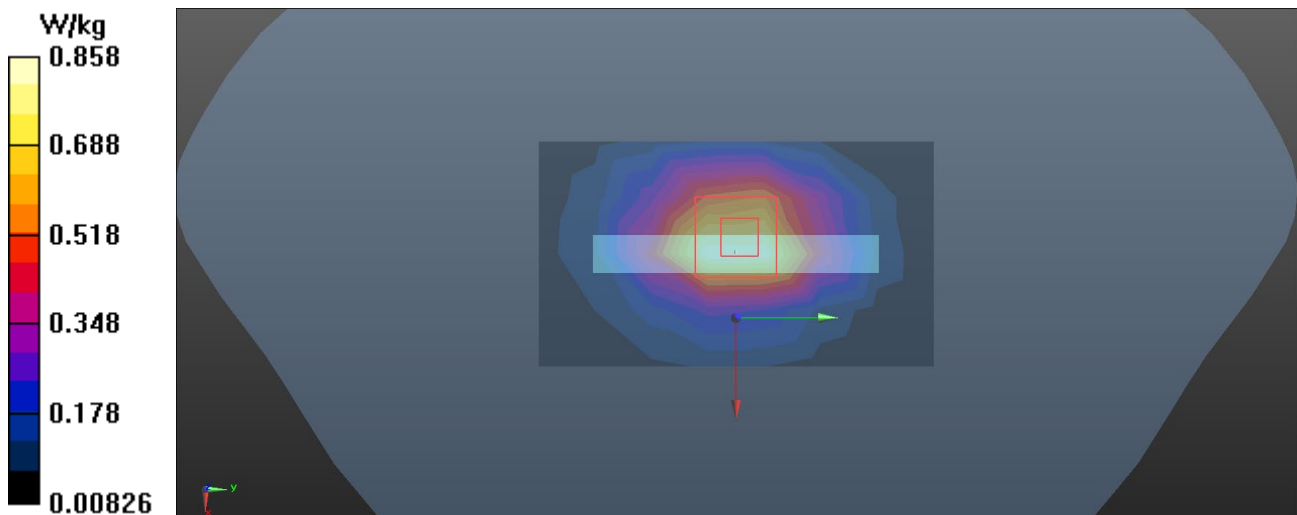
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

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=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.858 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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/m<sup>3</sup>

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

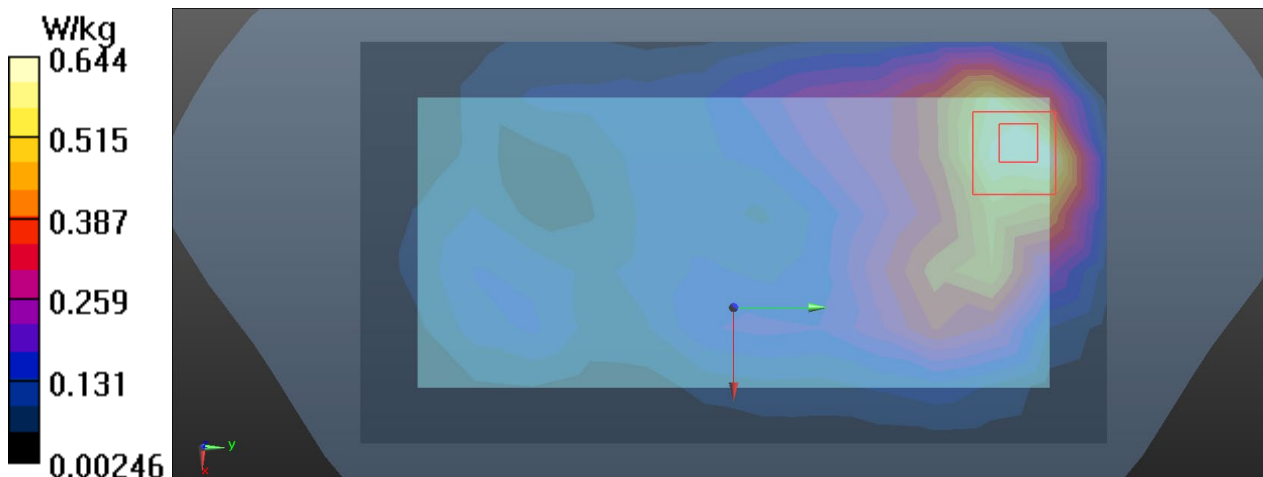
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

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/m<sup>3</sup>

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

