

## T01\_GSM 850\_GSM\_CH190\_Right Cheek

### DUT: Mobile Phone;

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.88$  S/m;  $\epsilon_r = 42.114$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.88, 9.88, 9.88); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

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

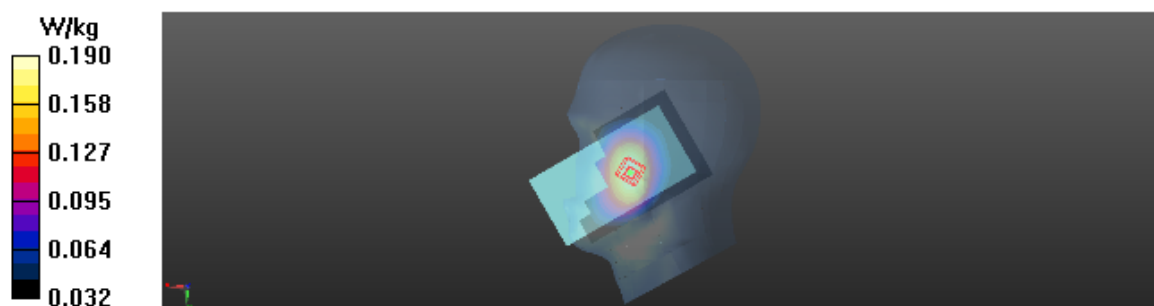
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.906 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.218 W/kg

**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.141 W/kg**

Maximum value of SAR (measured) = 0.190 W/kg



## T16\_GSM 1900\_GSM\_CH661\_Left Cheek\_Battery 2\_SIM 2

### DUT: Mobile Phone;

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 39.395$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

### DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.178 W/kg

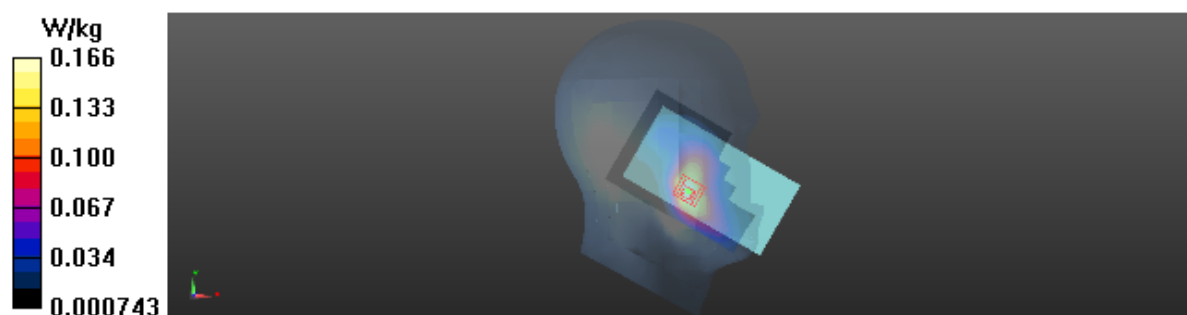
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.723 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.225 W/kg

**SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.101 W/kg**

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



## T25\_UMTS B2\_RMC12.2K\_CH9400\_Left Cheek\_SIM 2

### DUT: Mobile Phone;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 39.395$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

### DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.332 W/kg

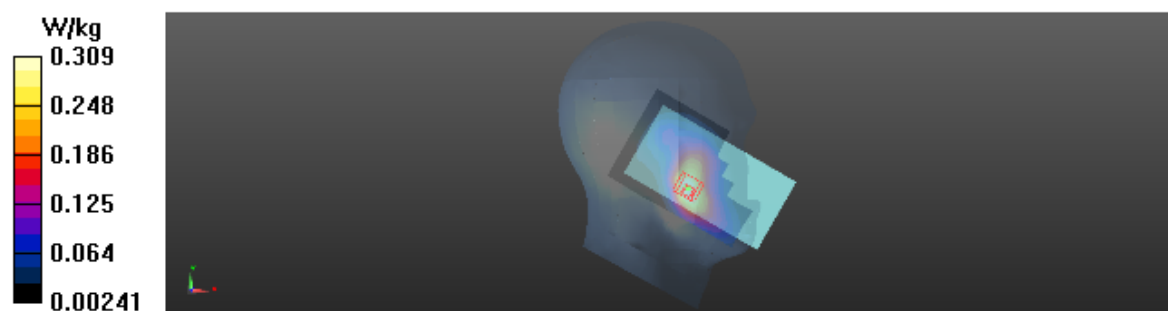
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.145 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.414 W/kg

**SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.190 W/kg**

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



### **T35\_UMTS B4\_RMC12.2K\_CH1413\_Right Cheek\_SIM 2**

#### **DUT: Mobile Phone;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.368 \text{ S/m}$ ;  $\epsilon_r = 41.601$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.64, 8.64, 8.64); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) =  $0.187 \text{ W/kg}$

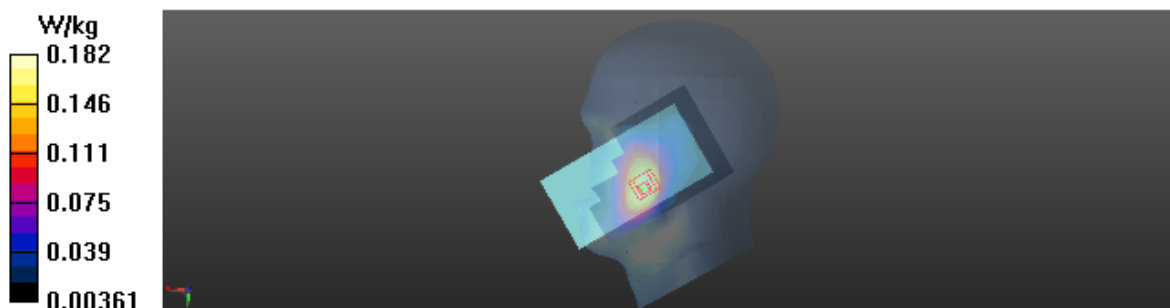
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.620 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.245 \text{ W/kg}$

**SAR(1 g) =  $0.169 \text{ W/kg}$ ; SAR(10 g) =  $0.110 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.182 \text{ W/kg}$



#### T41\_UMTS B5\_RMC12.2K\_CH4182\_Right Cheek

##### DUT: Mobile Phone;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.88$  S/m;  $\epsilon_r = 42.122$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

##### DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.88, 9.88, 9.88); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.195 W/kg

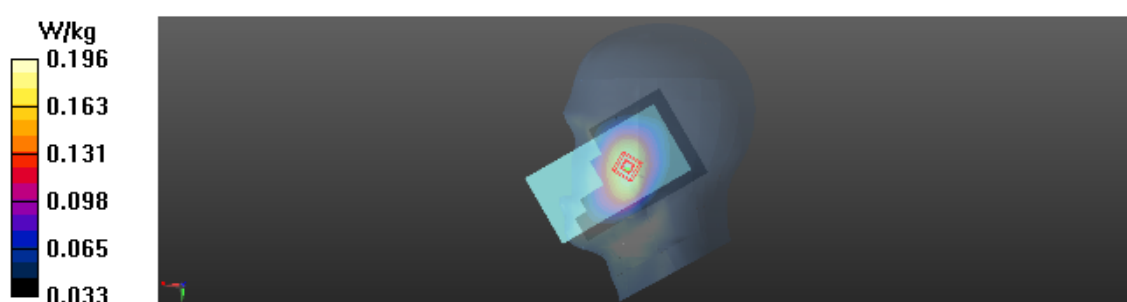
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.279 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.225 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.145 W/kg**

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



**T60\_LTE B2\_QPSK20M\_CH18900\_1RB\_Left Cheek\_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:  $f = 1880$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 39.395$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.288 W/kg

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

Reference Value = 4.598 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.388 W/kg

**SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.174 W/kg**

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



## T71\_LTE B4\_QPSK20M\_CH20300\_1RB\_Right Cheek

### DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.354$  S/m;  $\epsilon_r = 41.408$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.64, 8.64, 8.64); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

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

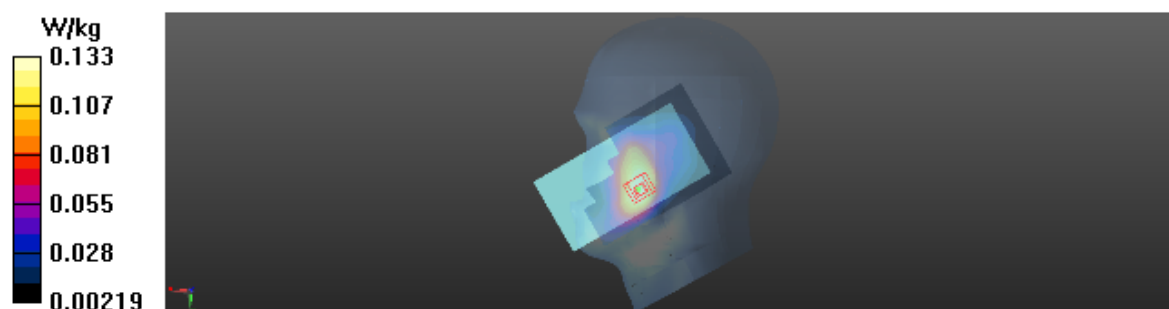
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.816 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.183 W/kg

**SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.082 W/kg**

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



## T100\_LTE B5\_QPSK10M\_CH20600\_1RB\_Right Cheek\_Battery 2

### DUT: Mobile Phone;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 844$  MHz;  $\sigma = 0.886$  S/m;  $\epsilon_r = 42.032$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.88, 9.88, 9.88); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.203 W/kg

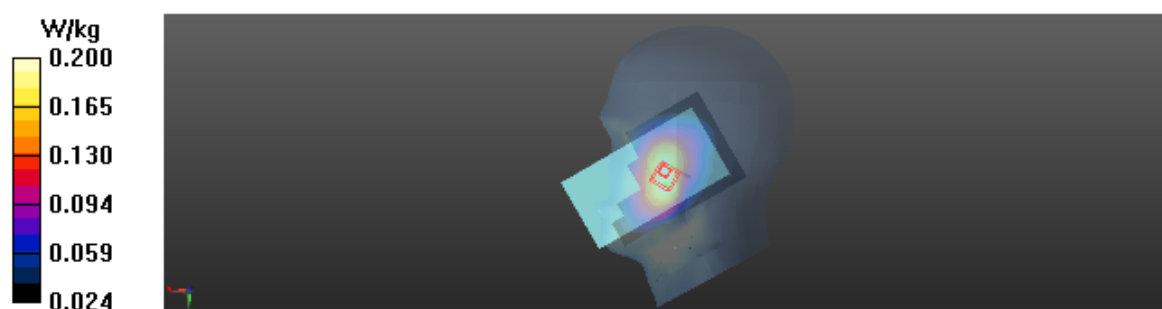
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.617 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.236 W/kg

**SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.143 W/kg**

Maximum value of SAR (measured) = 0.200 W/kg





## T111\_LTE B7\_QPSK20M\_CH21100\_1RB\_Right Cheek

### 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;  $\sigma = 1.953$  S/m;  $\epsilon_r = 39.102$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

### DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.8, 7.8, 7.8); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (10x16x1):** Interpolated grid:  $dx=12$  mm,  $dy=12$  mm

Maximum value of SAR (interpolated) = 0.151 W/kg

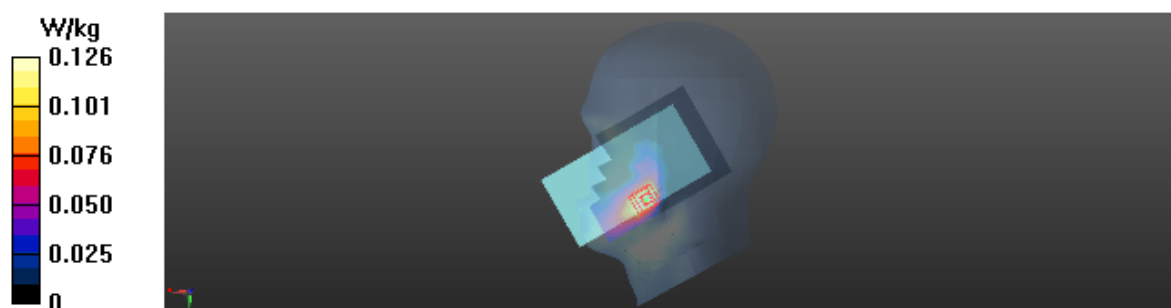
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.282 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.206 W/kg

**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.060 W/kg**

Maximum value of SAR (measured) = 0.126 W/kg



## **T124\_802.11b\_CH11\_Left Tilted**

### **DUT: Mobile Phone;**

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.857 \text{ S/m}$ ;  $\epsilon_r = 38.04$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.8, 7.8, 7.8); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x16x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 0.260 W/kg

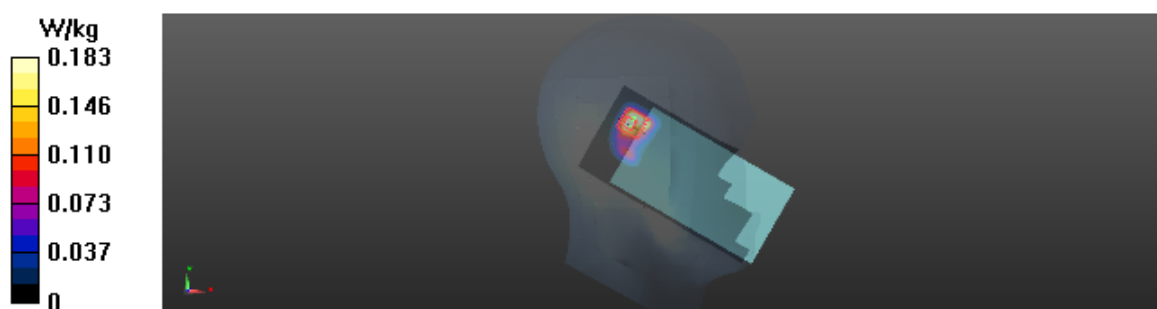
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.583 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.387 W/kg

**SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.067 W/kg**

Maximum value of SAR (measured) = 0.183 W/kg



### T03\_GSM 850\_GSM\_CH190\_Rear Face\_1.5cm\_SIM 2

#### DUT: Mobile Phone;

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 54.429$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

#### DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.301 W/kg

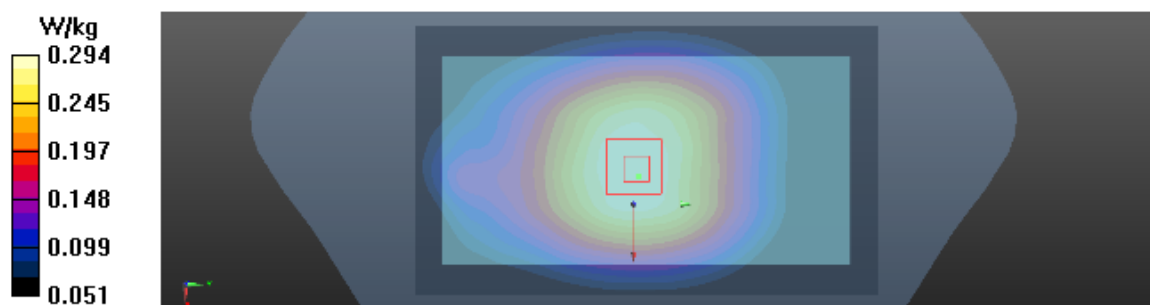
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 17.37 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.340 W/kg

**SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.223 W/kg**

Maximum value of SAR (measured) = 0.294 W/kg



**T17\_GSM 1900\_GSM\_CH661\_Rear Face\_1.5cm**

**DUT: Mobile Phone;**

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.539$  S/m;  $\epsilon_r = 54.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.202 W/kg

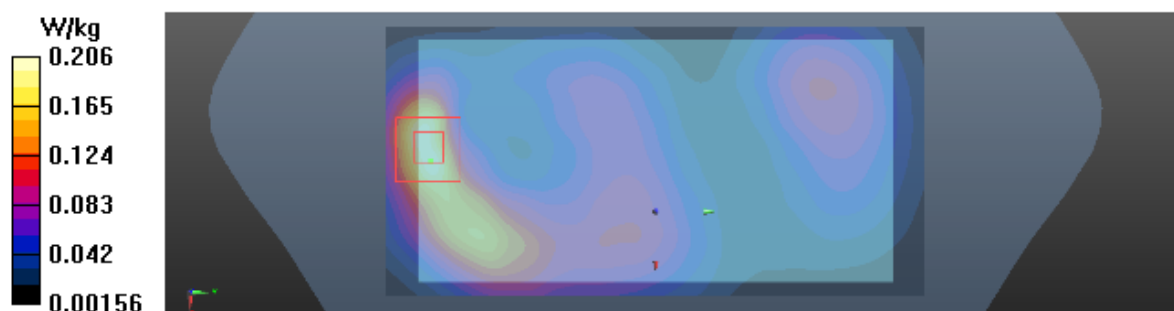
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.731 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.308 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.103 W/kg**

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



**T36\_UMTS B2\_RMC12.2K\_CH9400\_Rear Face\_1.5cm\_SIM 2**

**DUT: Mobile Phone;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.539$  S/m;  $\epsilon_r = 54.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.433 W/kg

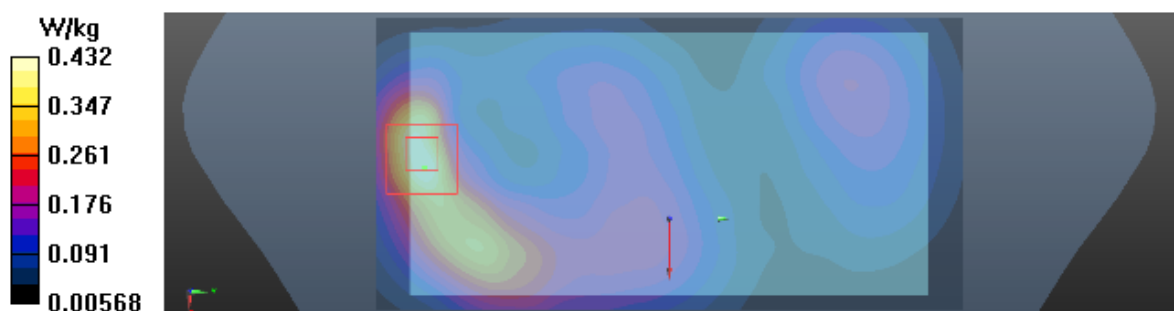
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.178 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.639 W/kg

**SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.217 W/kg**

Maximum value of SAR (measured) = 0.432 W/kg



Test Laboratory: BTL Inc.      Date: 2018/11/9

#### **T51\_UMTS B4\_RMC12.2K\_CH1413\_Rear Face\_1.5cm\_SIM 2**

**DUT: Mobile Phone;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 53.831$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.429 W/kg

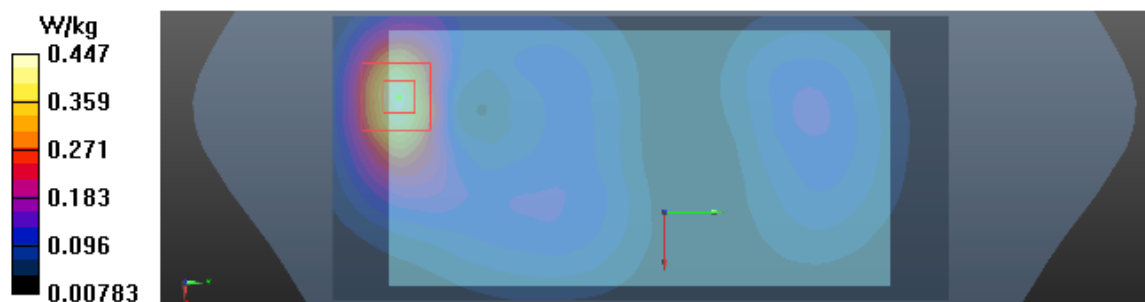
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.912 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.663 W/kg

**SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.221 W/kg**

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



Test Laboratory: BTL Inc. Date: 2018/11/8

#### **T68\_UMTS B5\_RMC12.2K\_CH4182\_Rear Face\_1.5cm**

##### **DUT: Mobile Phone;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 54.435$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

##### **DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

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

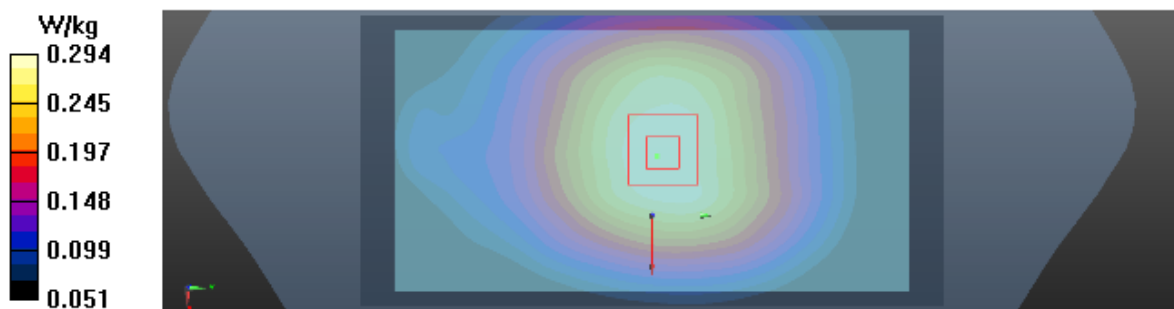
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 17.16 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.338 W/kg

**SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.222 W/kg**

Maximum value of SAR (measured) = 0.294 W/kg



**T85\_LTE B2\_QPSK20M\_CH18900\_1RB\_Rear Face\_1.5cm\_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:  $f = 1880$  MHz;  $\sigma = 1.539$  S/m;  $\epsilon_r = 54.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.373 W/kg

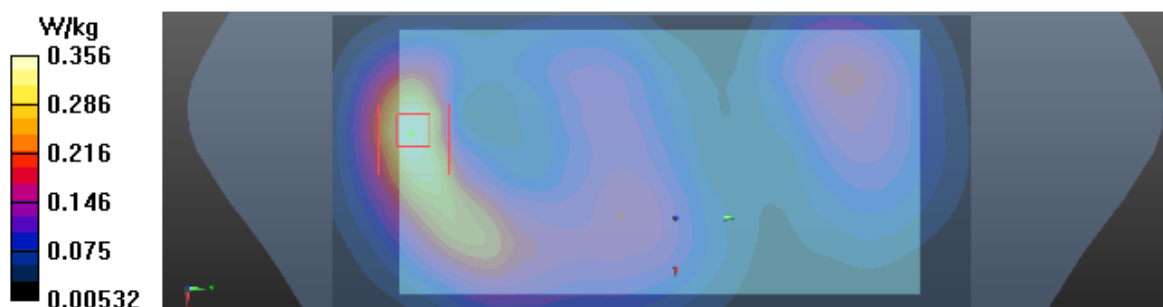
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.751 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.540 W/kg

**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.185 W/kg**

Maximum value of SAR (measured) = 0.356 W/kg





**T110\_LTE B4\_QPSK20M\_CH20300\_1RB\_Rear Face\_1.5cm\_Battery 2**

**DUT: Mobile Phone;**

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.525$  S/m;  $\epsilon_r = 53.791$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.461 W/kg

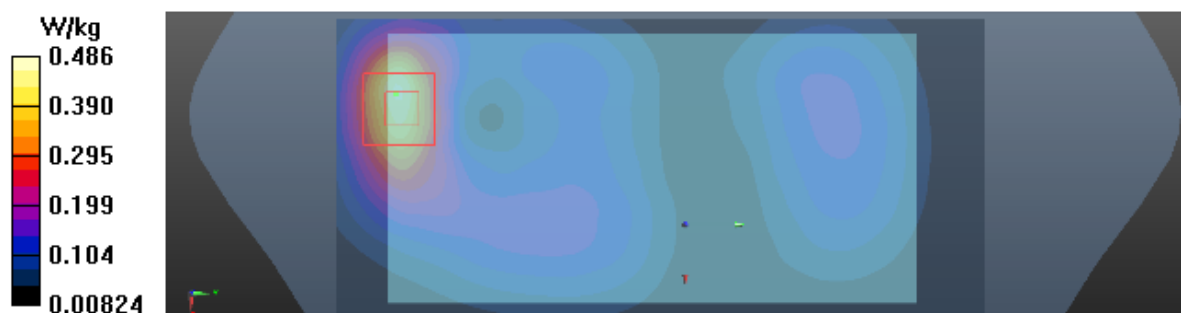
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.225 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.766 W/kg

**SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.248 W/kg**

Maximum value of SAR (measured) = 0.486 W/kg



**T134\_LTE B5\_QPSK10M\_CH20600\_1RB\_Rear Face\_1.5cm\_Battery 2**

**DUT: Mobile Phone;**

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 844$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 54.365$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

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

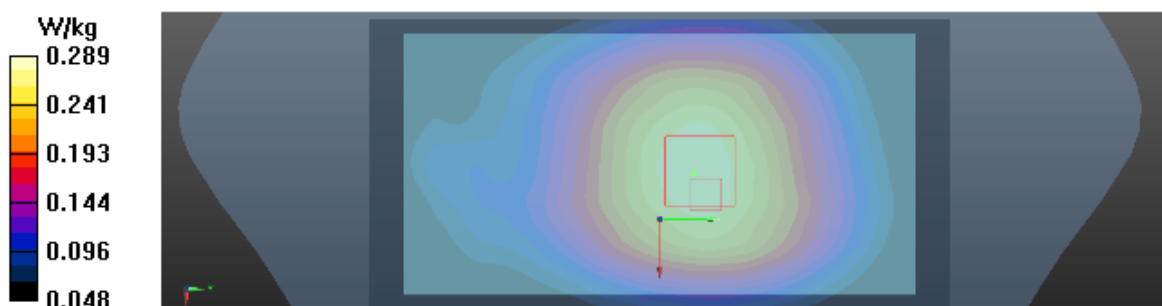
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.07 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.338 W/kg

**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.214 W/kg**

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



**T152\_LTE B7\_QPKS20M\_CH21100\_1RB\_Rear Face\_1.5cm\_SIM 2**

**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;  $\sigma = 2.119$  S/m;  $\epsilon_r = 52.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.1 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x16x1):** Interpolated grid:  $dx=12$  mm,  $dy=12$  mm

Maximum value of SAR (interpolated) = 0.521 W/kg

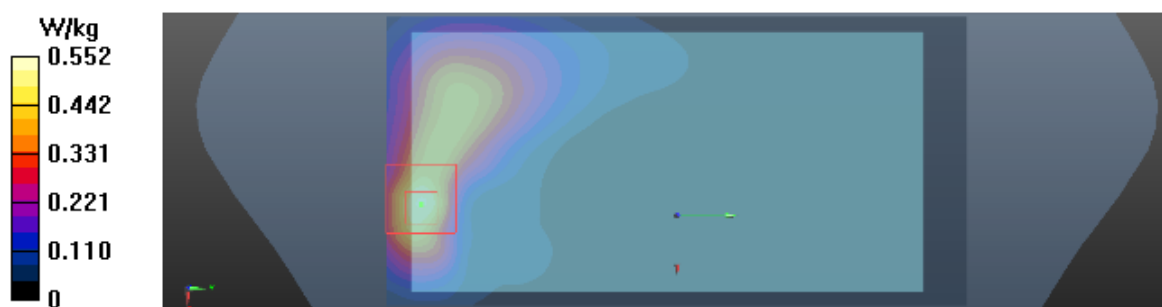
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.331 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.957 W/kg

**SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.232 W/kg**

Maximum value of SAR (measured) = 0.552 W/kg



**T176\_802.11b\_CH11\_Rear Face\_1.5cm**

**DUT: Mobile Phone;**

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.003 \text{ S/m}$ ;  $\epsilon_r = 54.247$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x16x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0458 W/kg

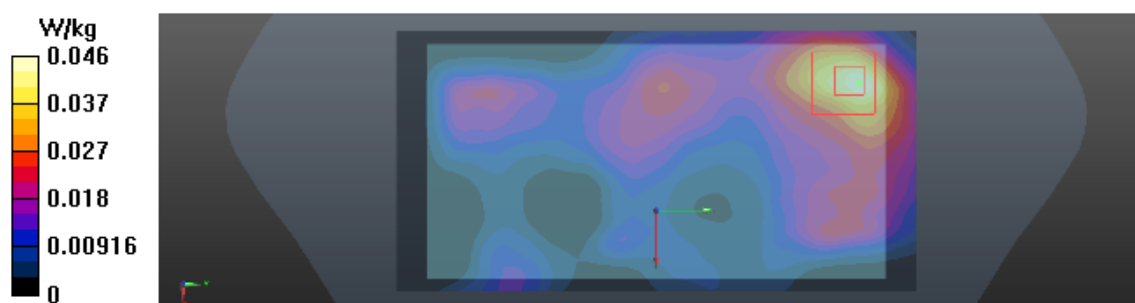
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.789 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0660 W/kg

**SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.0419 W/kg



**T07\_GSM 850\_GPRS 2TX\_CH190\_Rear Face\_1cm**

**DUT: Mobile Phone;**

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 54.429$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.343 W/kg

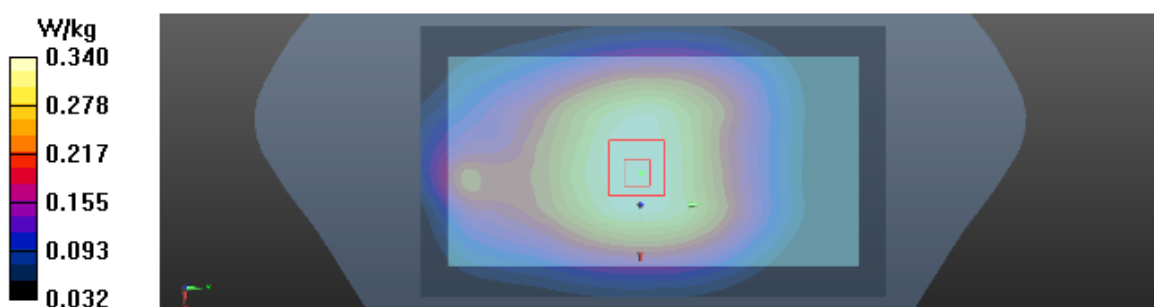
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 18.62 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.395 W/kg

**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.259 W/kg**

Maximum value of SAR (measured) = 0.340 W/kg



**T25\_GSM 1900\_GPRS 2TX\_CH661\_Bottom Side\_1cm**

**DUT: Mobile Phone;**

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.539$  S/m;  $\epsilon_r = 54.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (5x7x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

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

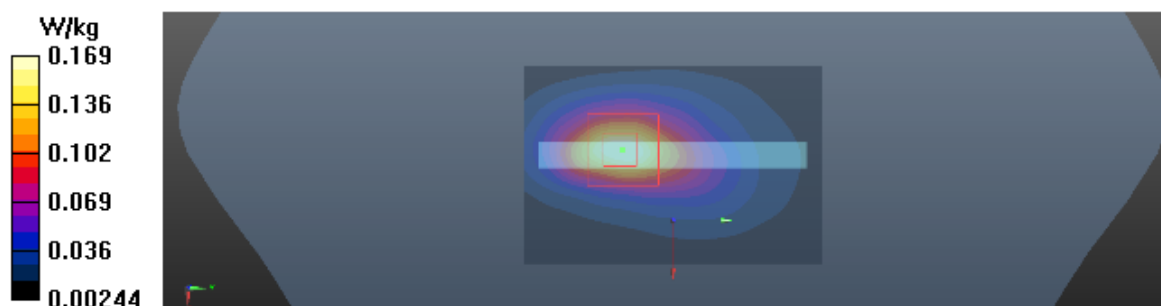
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.197 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.080 W/kg**

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



**T45\_UMTS B2\_RMC12.2K\_CH9400\_Bottom Side\_1cm\_SIM 2**

**DUT: Mobile Phone;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.539$  S/m;  $\epsilon_r = 54.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (4x7x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

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

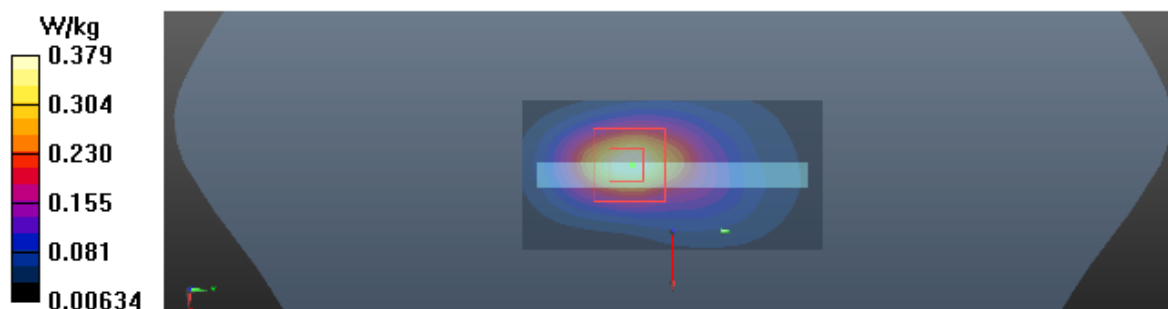
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 12.62 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.564 W/kg

**SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.178 W/kg**

Maximum value of SAR (measured) = 0.379 W/kg



**T61\_UMTS B4\_RMC12.2K\_CH1413\_Bottom Side\_1cm\_SIM 2**

**DUT: Mobile Phone;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 53.831$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (4x7x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

Maximum value of SAR (interpolated) = 0.479 W/kg

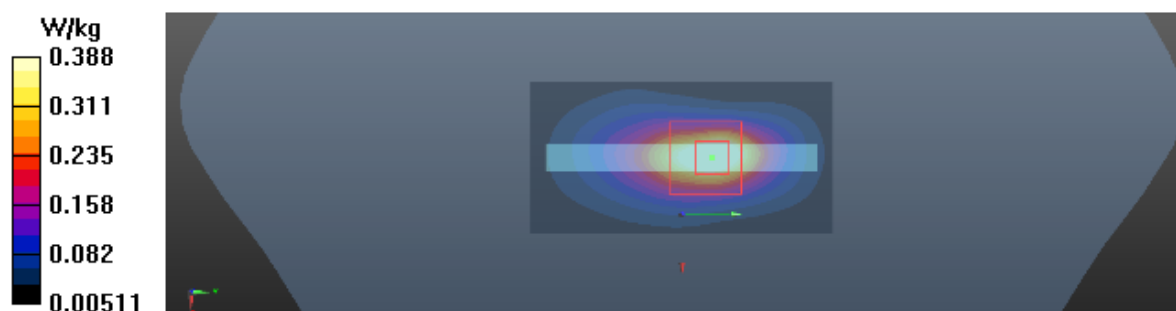
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.56 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.586 W/kg

**SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.176 W/kg**

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





Test Laboratory: BTL Inc.      Date: 2018/11/8

#### **T78\_UMTS B5\_RMC12.2K\_CH4182\_Rear Face\_1cm\_SIM 2**

**DUT: Mobile Phone;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 54.435$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

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

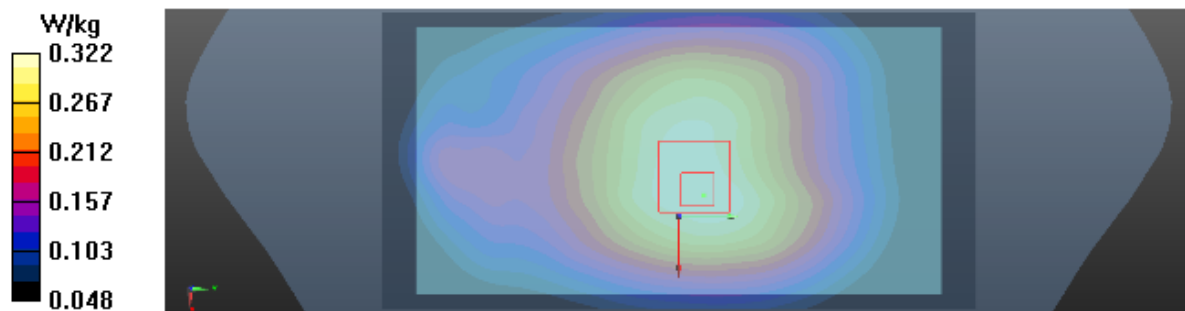
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 17.82 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.322 W/kg



**T92\_LTE B2\_QPSK20M\_CH18900\_1RB\_Bottom Side\_1cm**

**DUT: Mobile Phone;**

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.539$  S/m;  $\epsilon_r = 54.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (5x7x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

Maximum value of SAR (interpolated) = 0.322 W/kg

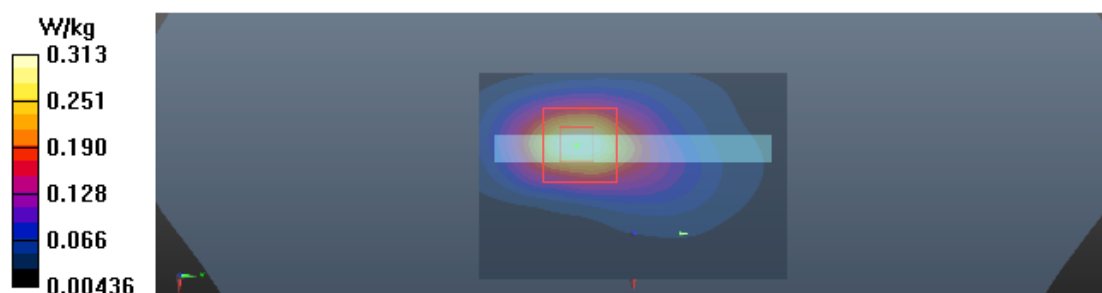
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.350 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.146 W/kg**

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



**T127\_LTE B4\_QPSK20M\_CH20300\_50RB\_Bottom Side\_1cm\_Battery 2\_SIM 2**

**DUT: Mobile Phone;**

Communication System: UID 0, LTE-FDD(50%RB,20MHz,QPSK) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.525$  S/m;  $\epsilon_r = 53.791$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (4x7x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

Maximum value of SAR (interpolated) = 0.460 W/kg

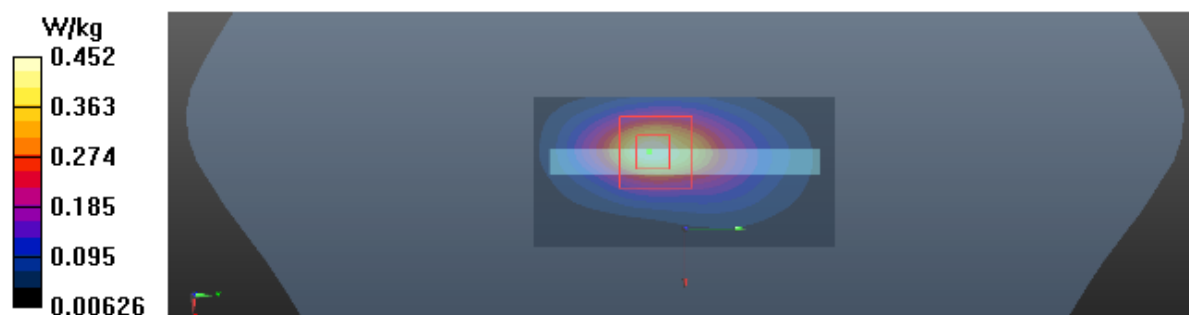
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 13.89 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.678 W/kg

**SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.205 W/kg**

Maximum value of SAR (measured) = 0.452 W/kg



**T146\_LTE B5\_QPSK10M\_CH20600\_1RB\_Rear Face\_1cm\_SIM 2**

**DUT: Mobile Phone;**

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 844$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 54.365$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

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

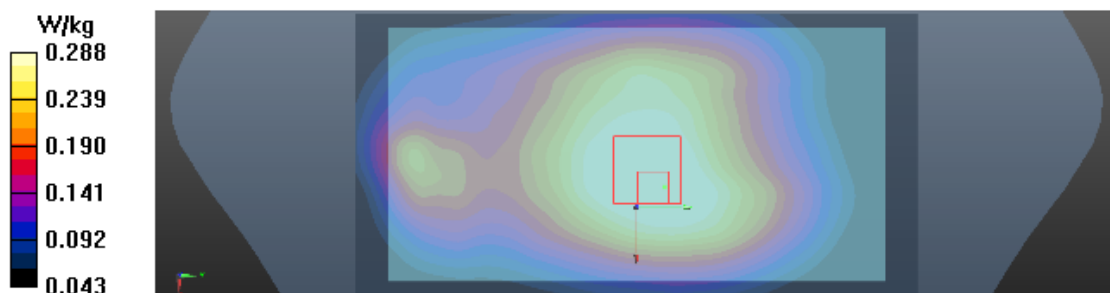
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 17.00 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.339 W/kg

**SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 0.288 W/kg



**T167\_LTE B7\_QPKS20M\_CH21100\_50RB\_Rear Face\_1cm\_Battery 2**

**DUT: Mobile Phone;**

Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2535 \text{ MHz}$ ;  $\sigma = 2.119 \text{ S/m}$ ;  $\epsilon_r = 52.501$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4^\circ\text{C}$ ; Liquid Temperature :  $22.1^\circ\text{C}$

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x17x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.258 \text{ W/kg}$

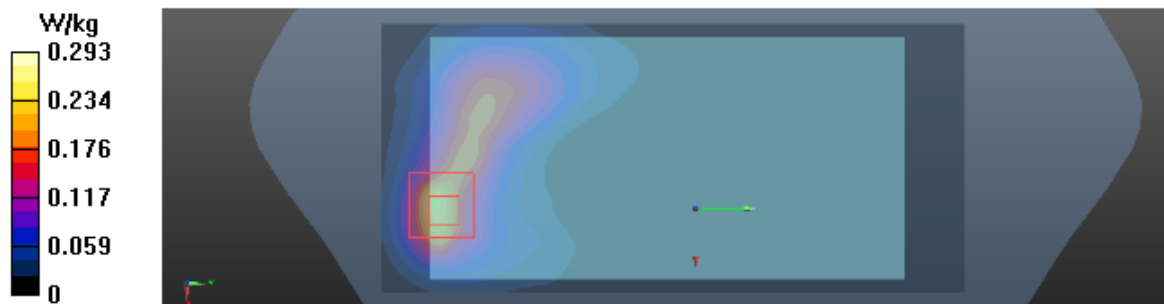
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $1.558 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.616 \text{ W/kg}$

**SAR(1 g) =  $0.289 \text{ W/kg}$ ; SAR(10 g) =  $0.122 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.293 \text{ W/kg}$



**T180\_802.11b\_CH11\_Rear Face\_1cm**

**DUT: Mobile Phone;**

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.003 \text{ S/m}$ ;  $\epsilon_r = 54.247$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x16x1):** Interpolated grid:  $dx=12 \text{ mm}$ ,  $dy=12 \text{ mm}$

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

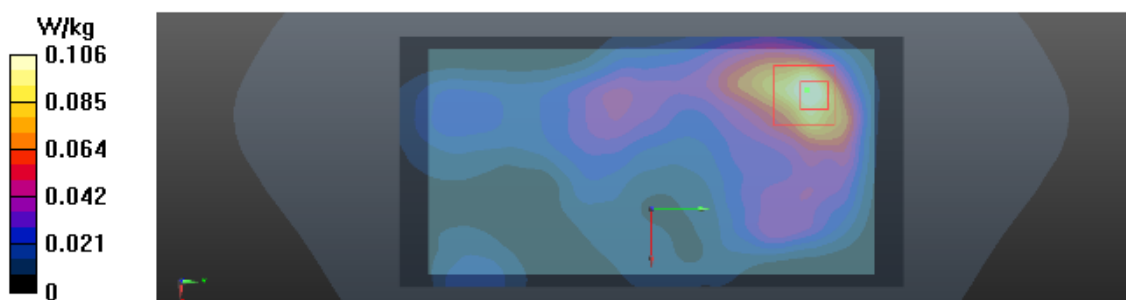
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.749 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.106 W/kg



**T185\_UMTS B2\_RMC12.2K\_CH9400\_Bottom Side\_0cm\_SIM 2**

**DUT: Mobile Phone;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.539$  S/m;  $\epsilon_r = 54.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.5 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (4x7x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

Maximum value of SAR (interpolated) = 2.64 W/kg

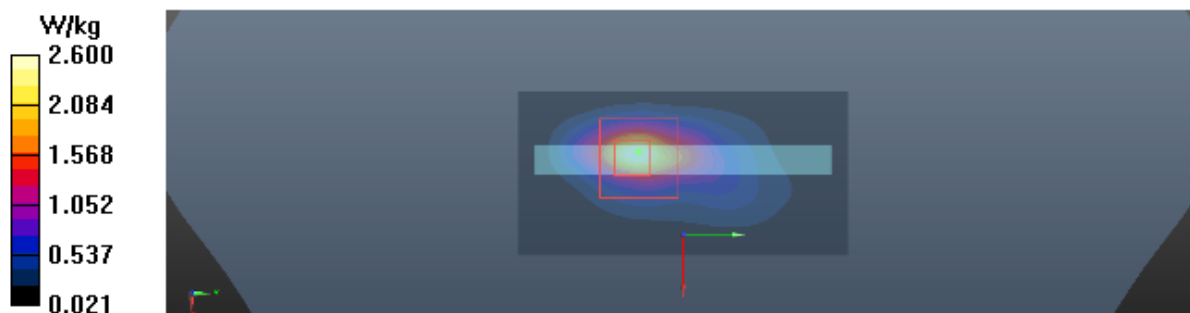
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 29.63 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 4.71 W/kg

**SAR(1 g) = 2.21 W/kg; SAR(10 g) = 0.939 W/kg**

Maximum value of SAR (measured) = 2.60 W/kg



**T63\_UMTS B4\_RMC12.2K\_CH1413\_Bottom Side\_0cm**

**DUT: Mobile Phone;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 53.831$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (4x7x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

Maximum value of SAR (interpolated) = 2.77 W/kg

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

Reference Value = 27.06 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 5.06 W/kg

**SAR(1 g) = 2.3 W/kg; SAR(10 g) = 0.964 W/kg**

Maximum value of SAR (measured) = 2.82 W/kg

