

P154 LTE Band XVII_QPSK_RB50%_Right Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.383 mW/g

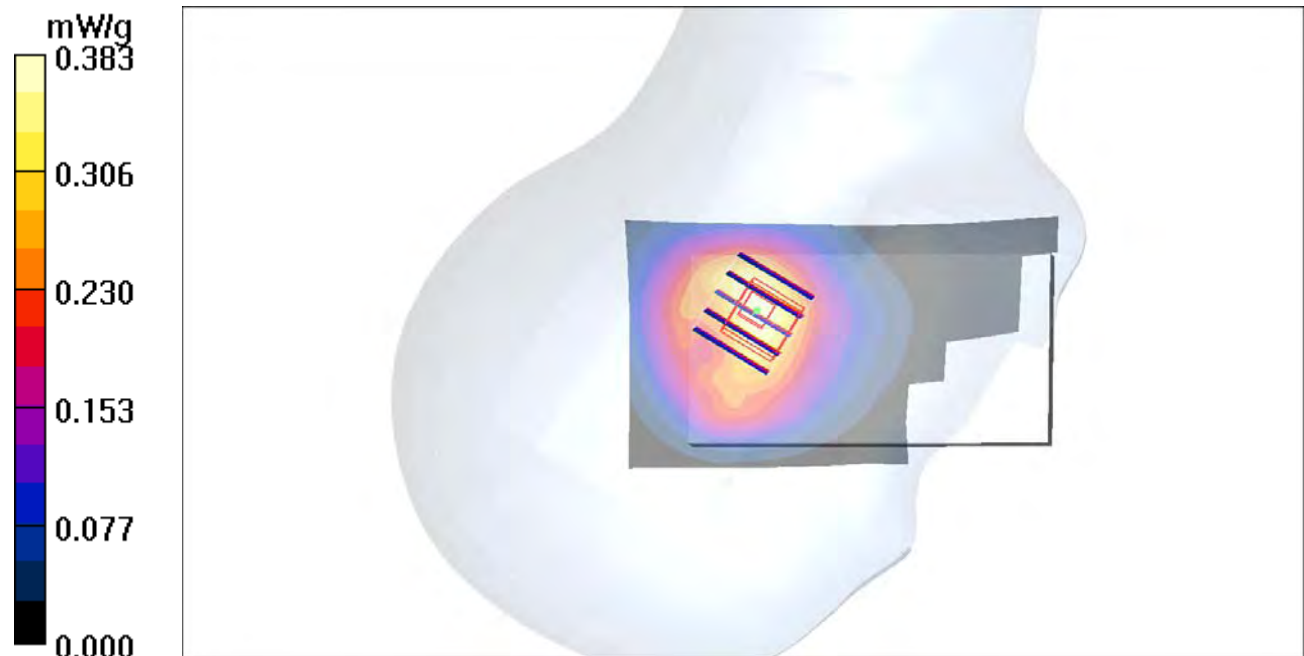
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.7 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.459 W/kg

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.392 mW/g



P155 LTE Band XVII_QPSK_RB50%_Right Tilted_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.259 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.263 mW/g

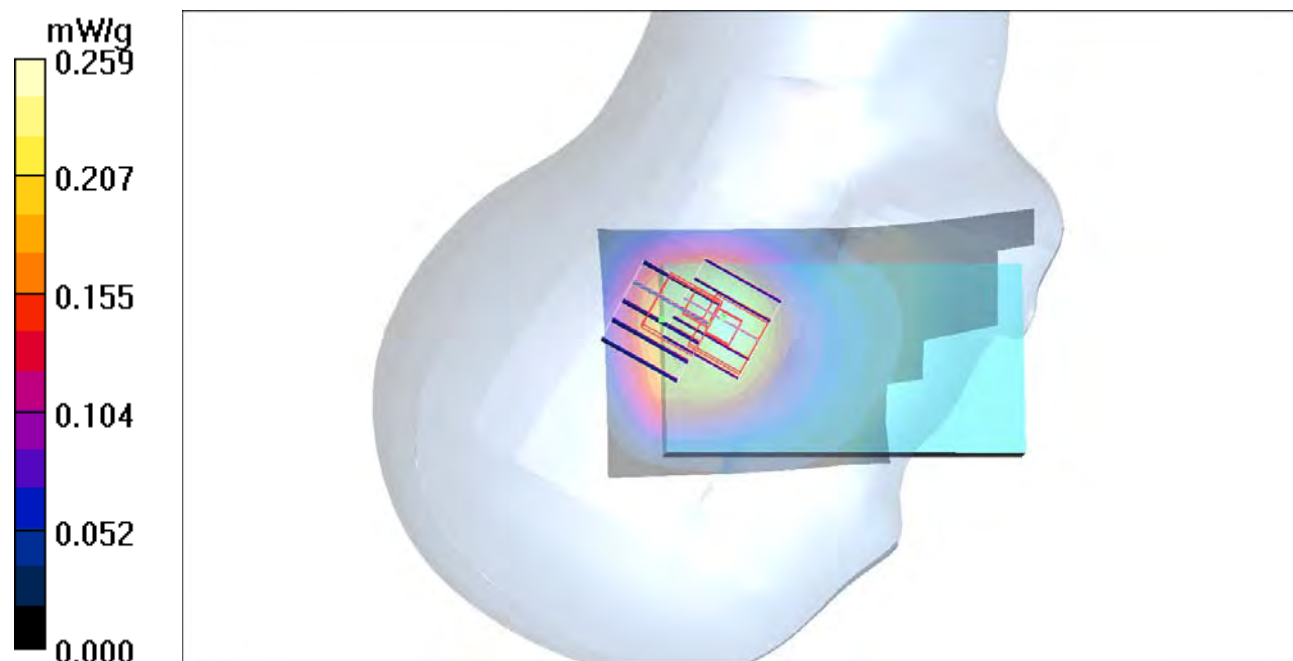
Ch23800/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.315 W/kg

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.264 mW/g



P156 LTE Band XVII_QPSK_RB50%_Left Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

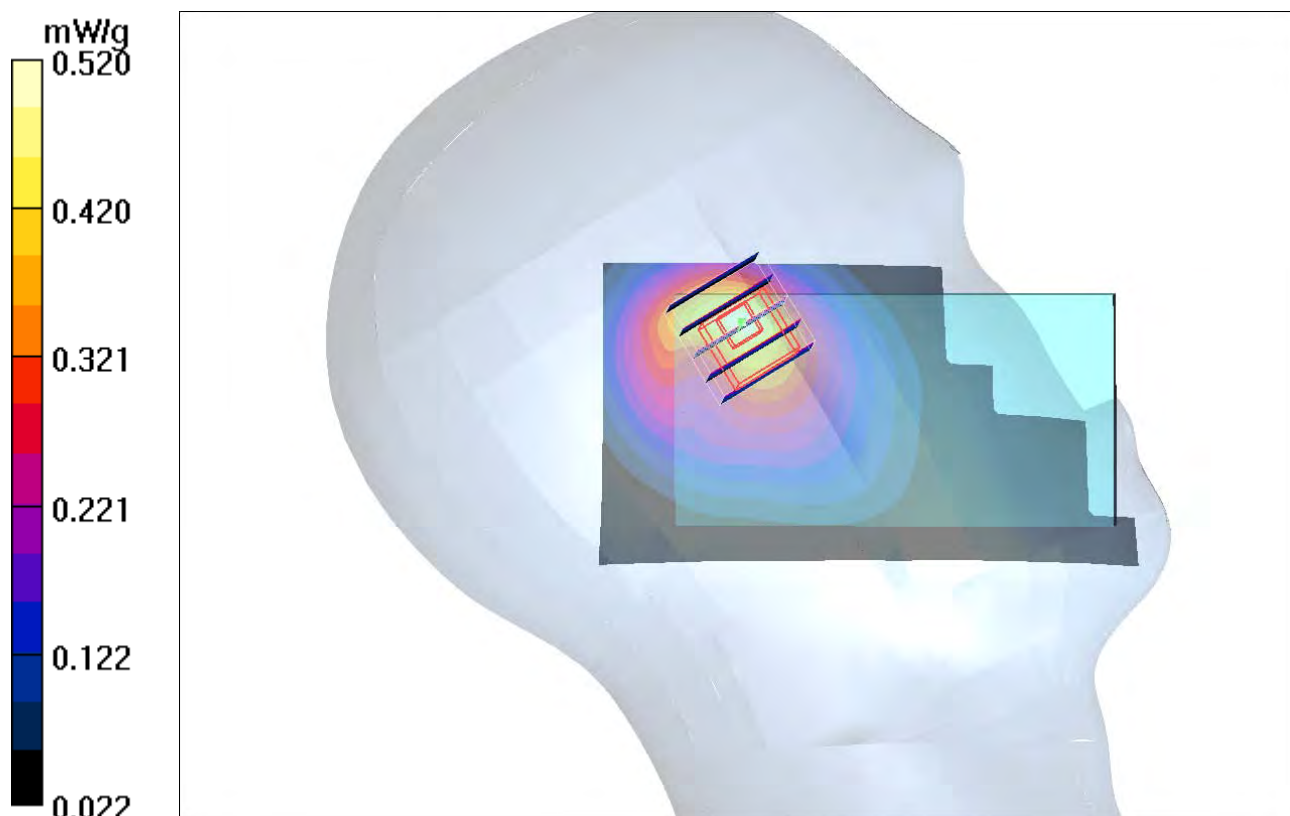
Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.509 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 16.3 V/m ; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 0.645 W/kg
SAR(1 g) = 0.395 mW/g ; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.520 mW/g



P157 LTE Band XVII_QPSK_RB50%_Left Tilted_Ch23800_Sample1_Battery1

DUT: 110805C09

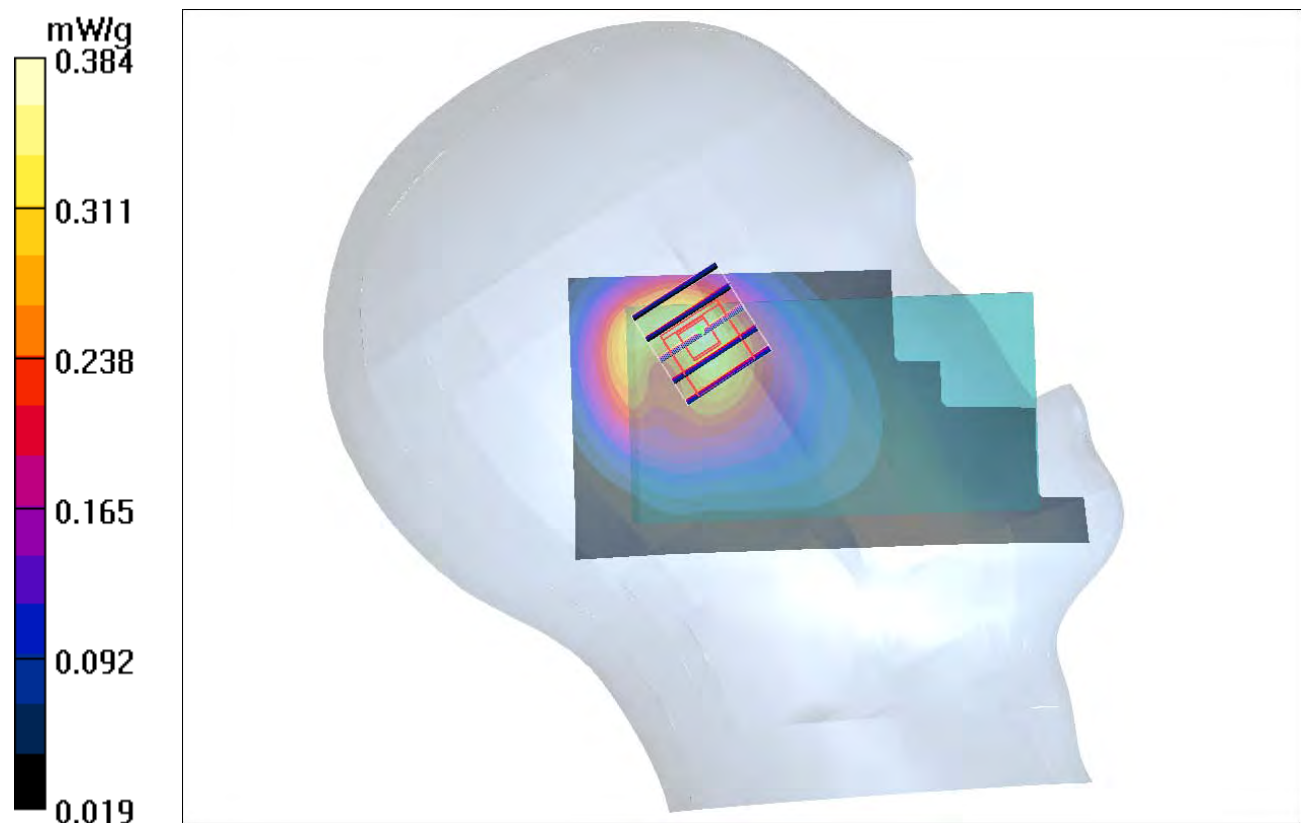
Communication System: LTE band17 (700); Frequency: 711 MHz; Duty Cycle: 1:1
Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.372 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 16.6 V/m ; Power Drift = -0.070 dB
Peak SAR (extrapolated) = 0.468 W/kg
SAR(1 g) = 0.302 mW/g ; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.384 mW/g



P158 LTE Band XVII_QPSK_RB1U_Right Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750_0914 Medium parameters used: $f = 711$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.2$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.456 mW/g

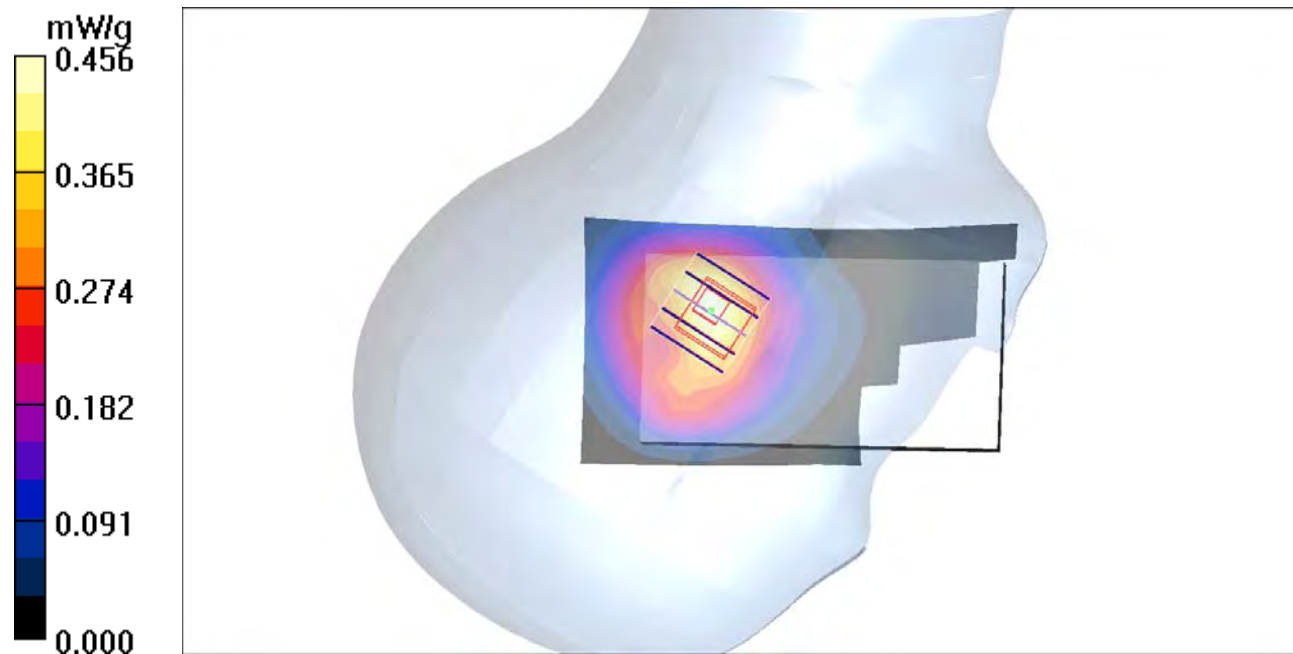
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.537 W/kg

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.455 mW/g



P159 LTE Band XVII_QPSK_RB1U_Right Tilted_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
 Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

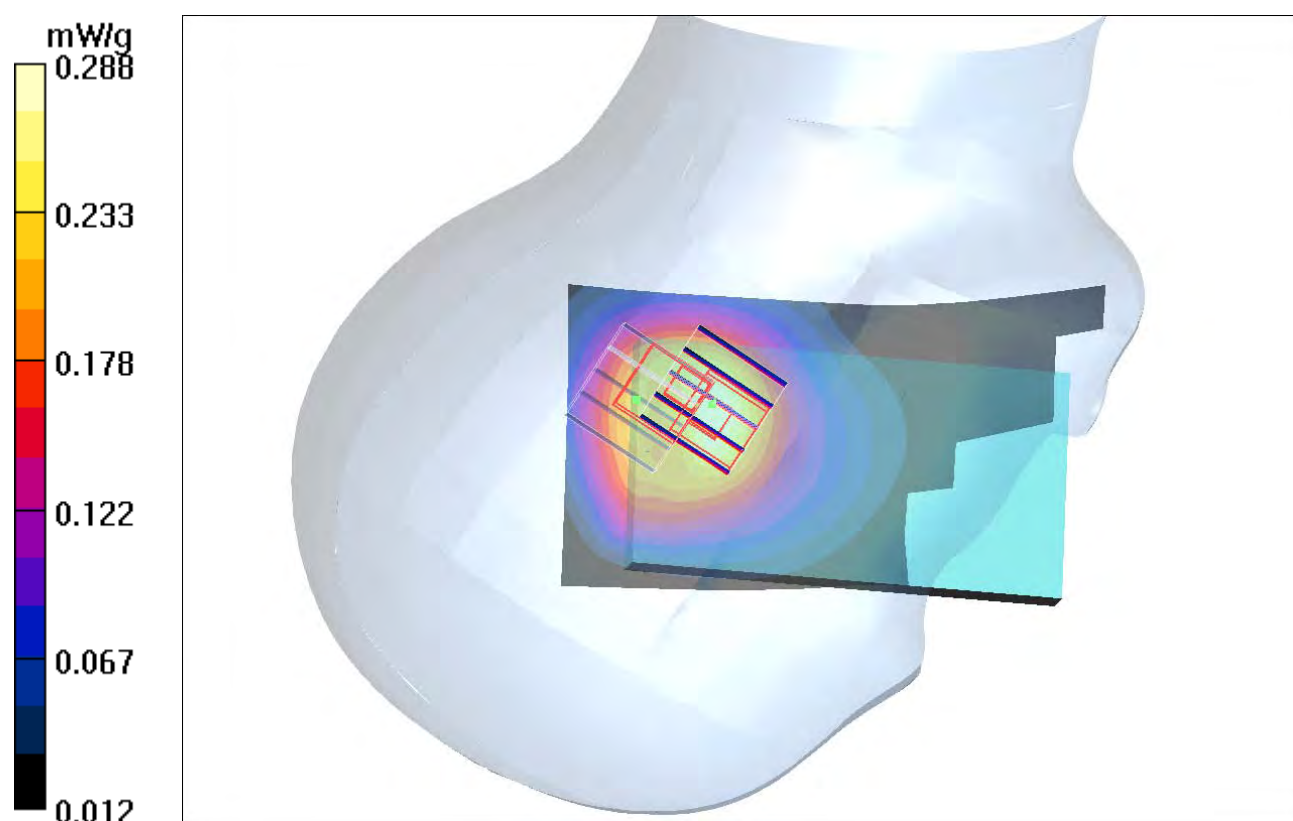
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.288 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.6 V/m ; Power Drift = 0.002 dB
 Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.242 mW/g ; SAR(10 g) = 0.168 mW/g
 Maximum value of SAR (measured) = 0.294 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.6 V/m ; Power Drift = 0.002 dB
 Peak SAR (extrapolated) = 0.343 W/kg
SAR(1 g) = 0.211 mW/g ; SAR(10 g) = 0.126 mW/g
 maximum value of SAR (measured) = 0.288 mW/g



P160 LTE Band XVII_QPSK_RB1U_Left Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

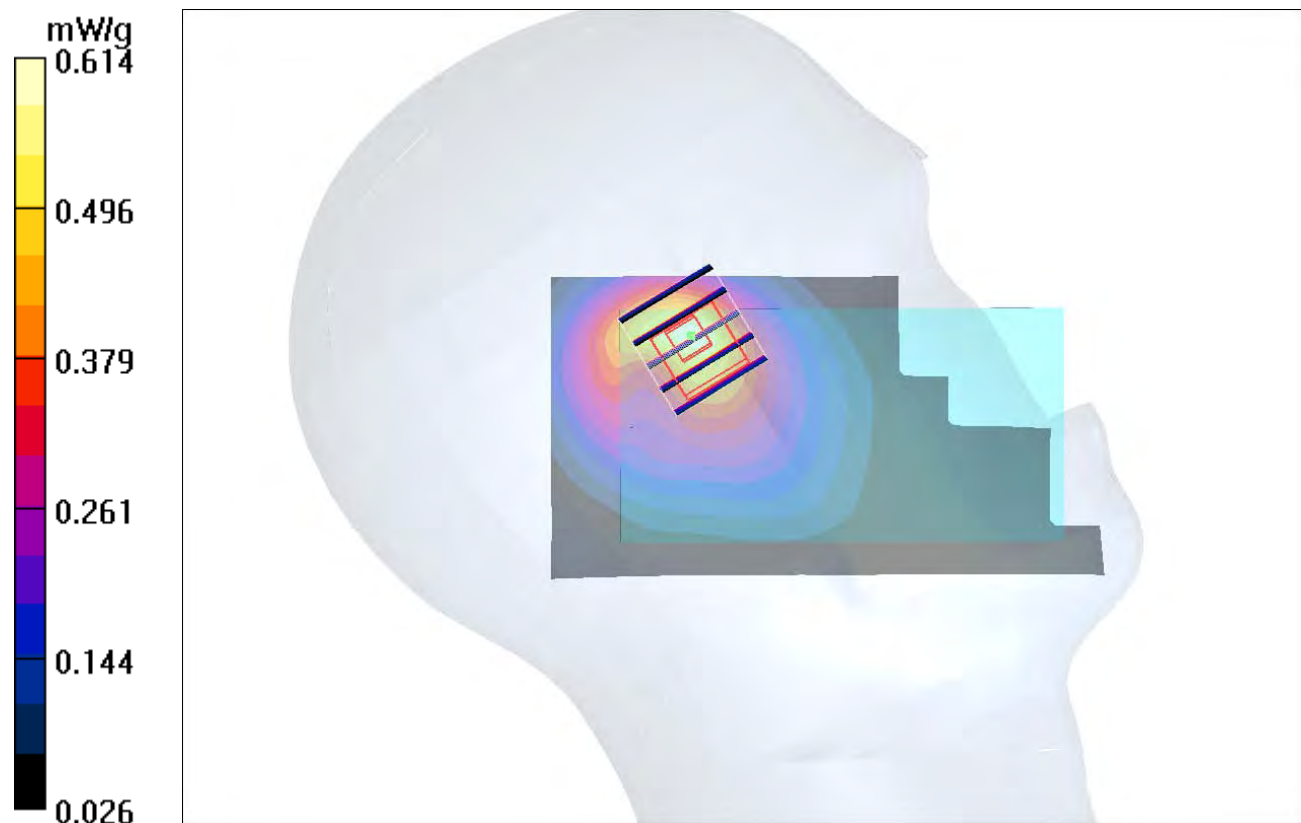
Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

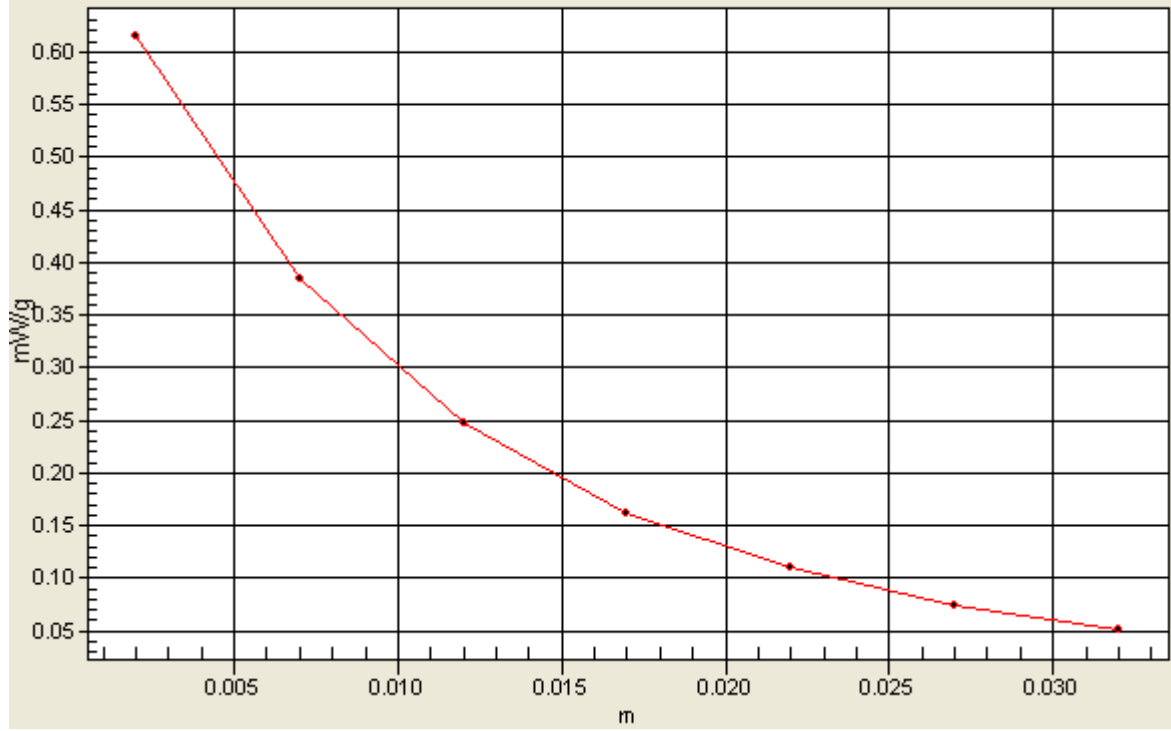
Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.605 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 18.0 V/m ; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.766 W/kg
SAR(1 g) = 0.467 mW/g ; SAR(10 g) = 0.290 mW/g
Maximum value of SAR (measured) = 0.614 mW/g



1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=2



P161 LTE Band XVII_QPSK_RB1U_Left Tilted_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.420 mW/g

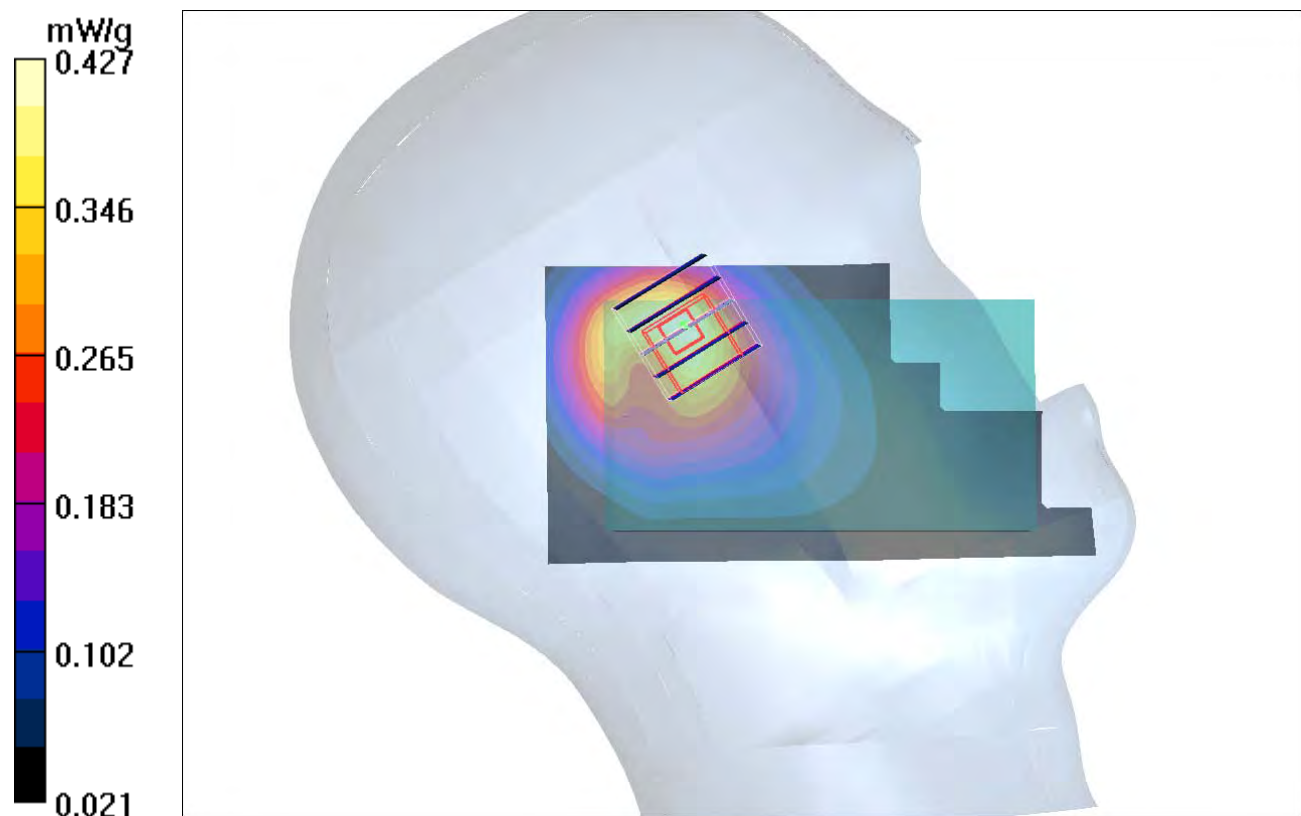
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.427 mW/g



P212 LTE Band XVII_QPSK_RB1L_Left Cheek_Ch23800_Sample1_Battery2

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750_0922 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.875 \text{ mho/m}$; $\epsilon_r = 40.11$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/8/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.516 mW/g

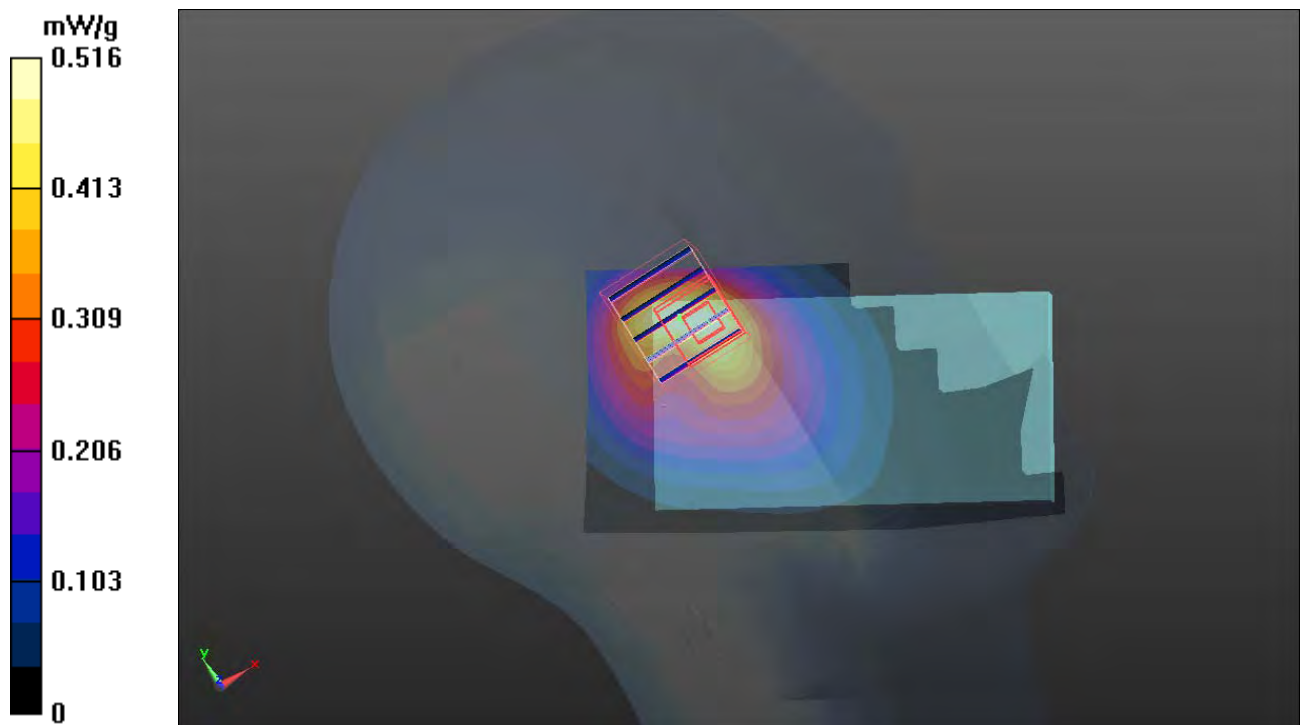
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.904 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.399 mW/g ; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.514 mW/g



P217 LTE Band XVII _QPSK_RB1U_Left Cheek_Ch23800_Sample2_Battery3

DUT: 110805C09

Communication System: LTE Band13 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750_0929 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.151$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/7/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch23800/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.569 mW/g

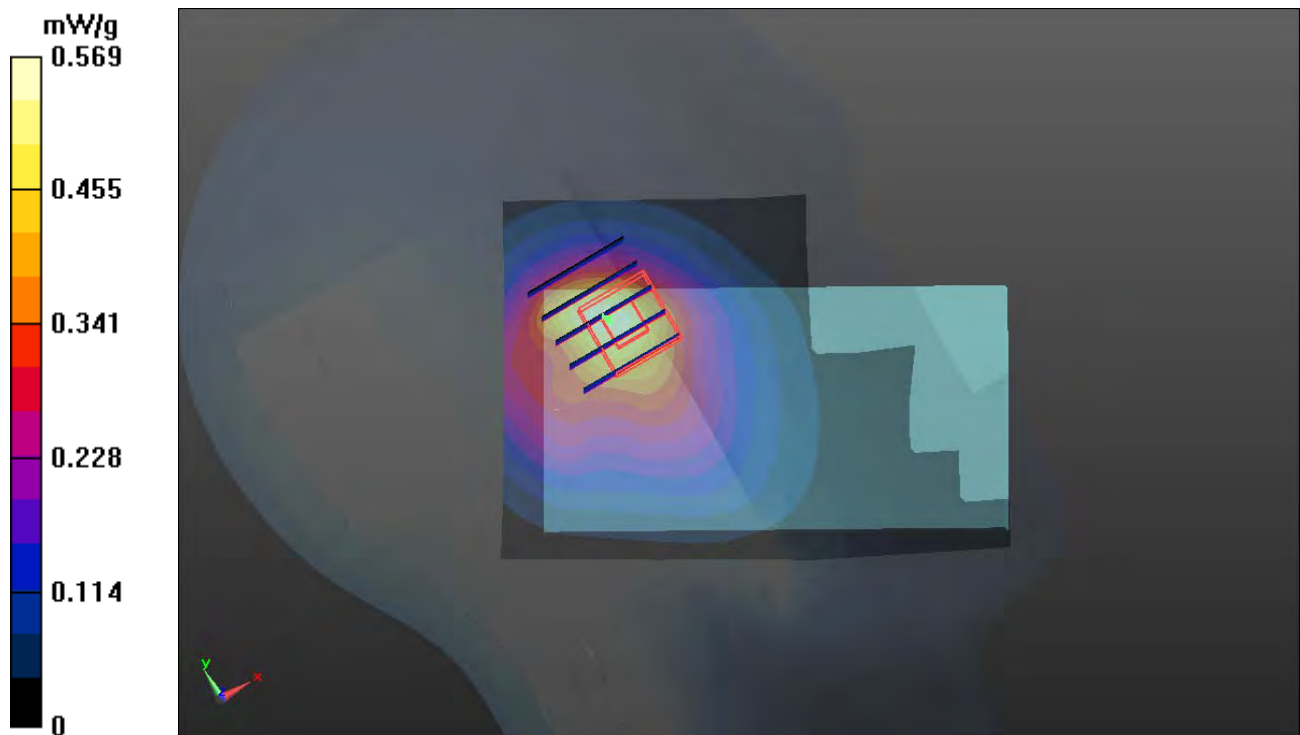
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.979 V/m; Power Drift = -0.62 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.503 mW/g



P162 LTE Band XVII_QPSK_RB1L_Right Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.2 \text{ }^\circ\text{C}$; Liquid Temperature : $20.9 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.426 mW/g

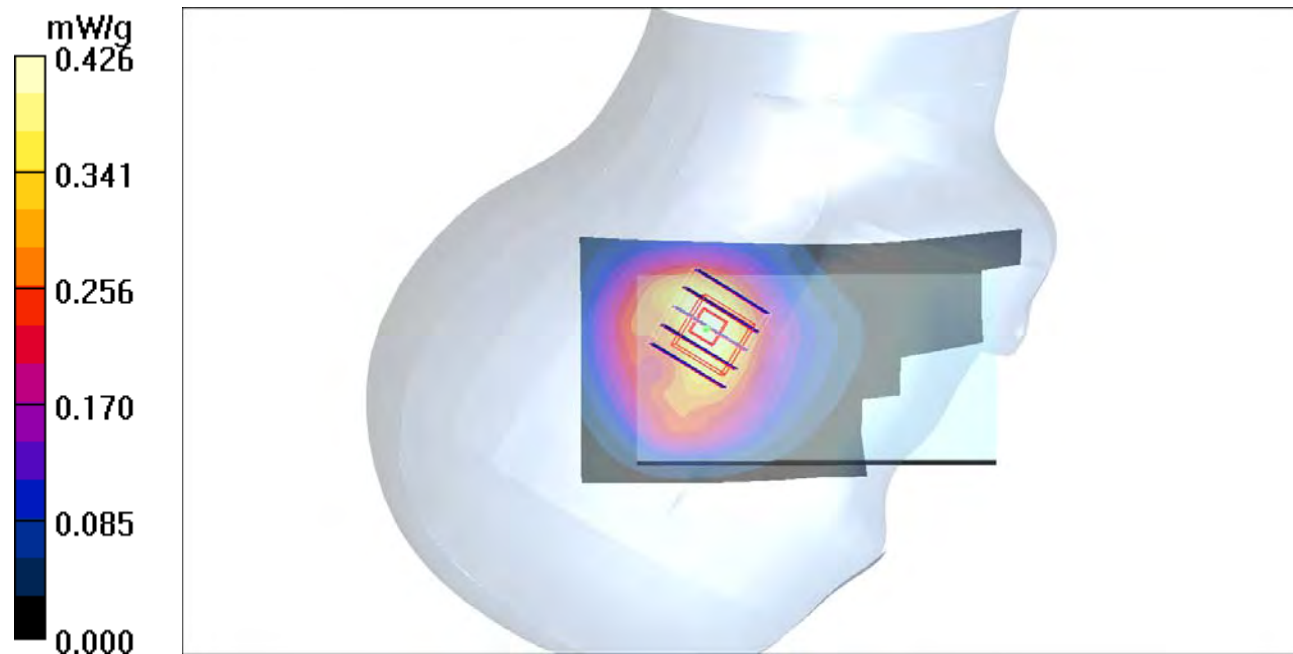
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.3 V/m ; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.351 mW/g ; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.448 mW/g



P163 LTE Band XVII_QPSK_RB1L_Right Tilted_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
 Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

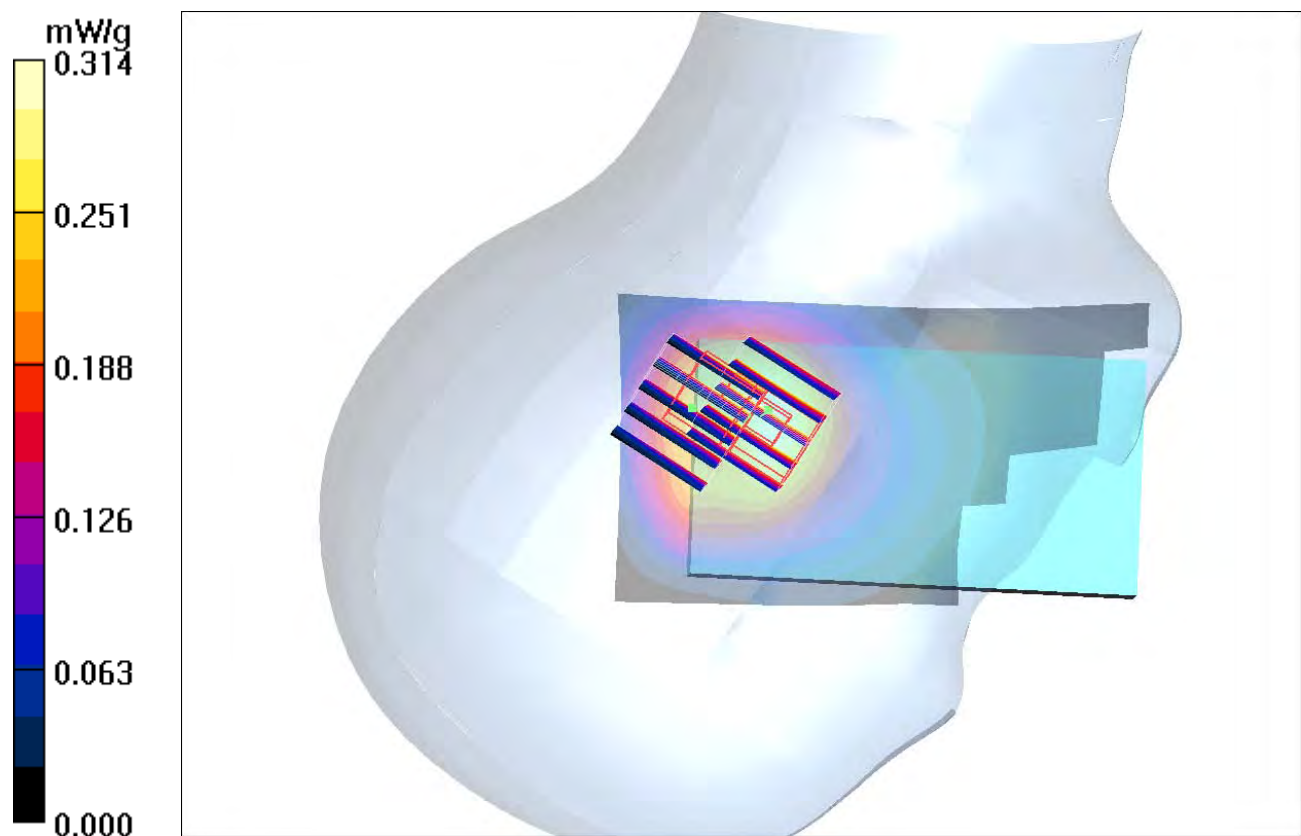
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.314 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.1 V/m ; Power Drift = 0.048 dB
 Peak SAR (extrapolated) = 0.371 W/kg
SAR(1 g) = 0.262 mW/g ; SAR(10 g) = 0.182 mW/g
 Maximum value of SAR (measured) = 0.320 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.1 V/m ; Power Drift = 0.048 dB
 Peak SAR (extrapolated) = 0.374 W/kg
SAR(1 g) = 0.231 mW/g ; SAR(10 g) = 0.137 mW/g
 Maximum value of SAR (measured) = 0.315 mW/g



P164 LTE Band XVII_QPSK_RB1L_Left Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

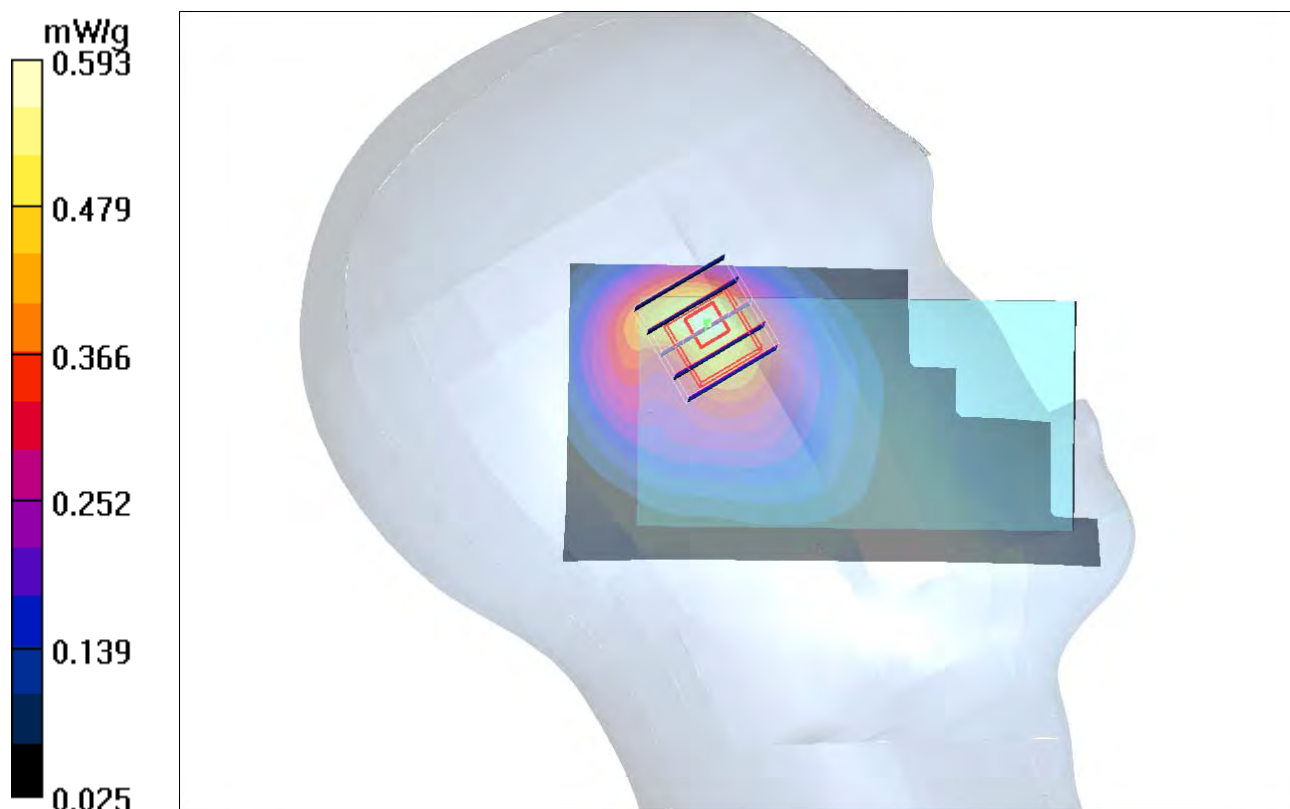
Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
 Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.580 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 17.6 V/m ; Power Drift = 0.072 dB
 Peak SAR (extrapolated) = 0.736 W/kg
SAR(1 g) = 0.450 mW/g ; SAR(10 g) = 0.281 mW/g
 Maximum value of SAR (measured) = 0.593 mW/g



P165 LTE Band XVII_QPSK_RB1L_Left Tilted_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.447 mW/g

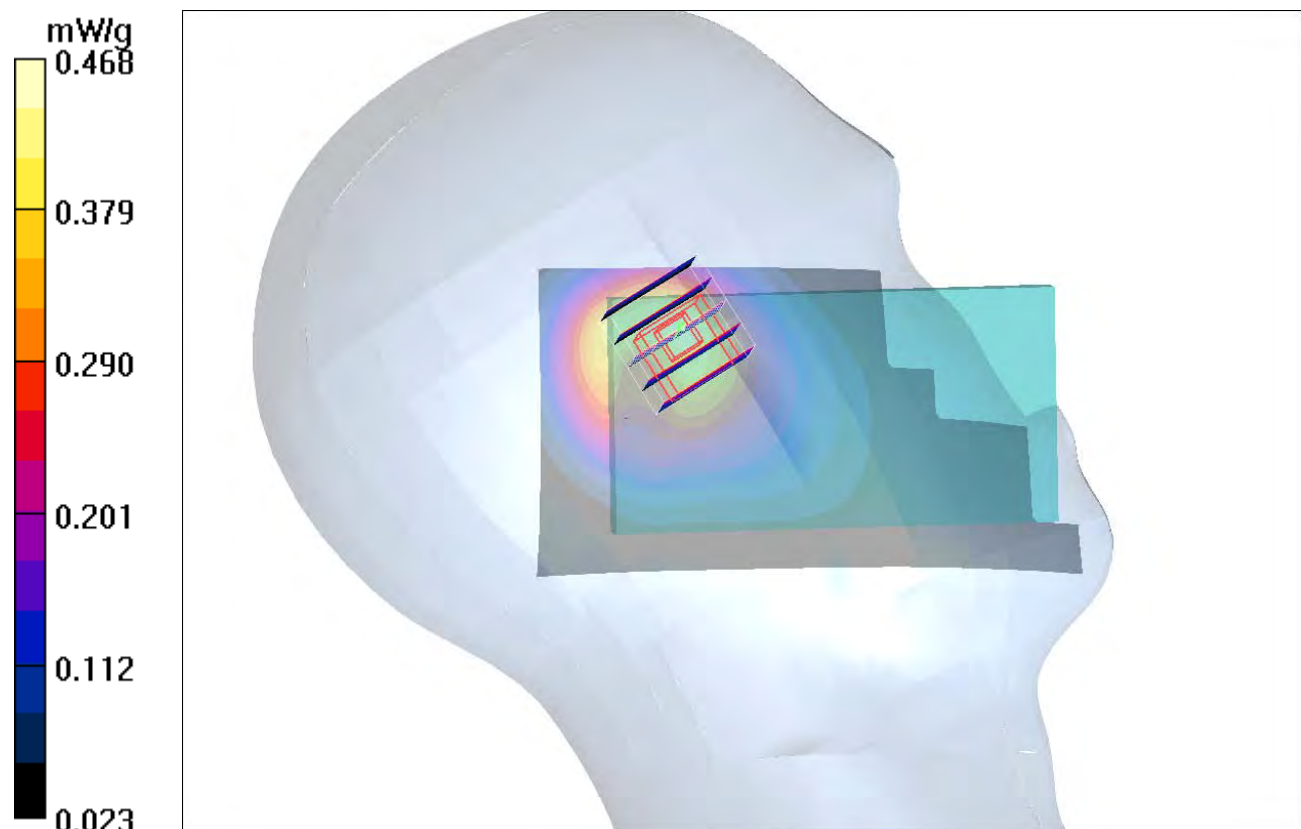
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.0 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.468 mW/g



P181 LTE Band XVII_16QAM_RB50%_Right Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.309 mW/g

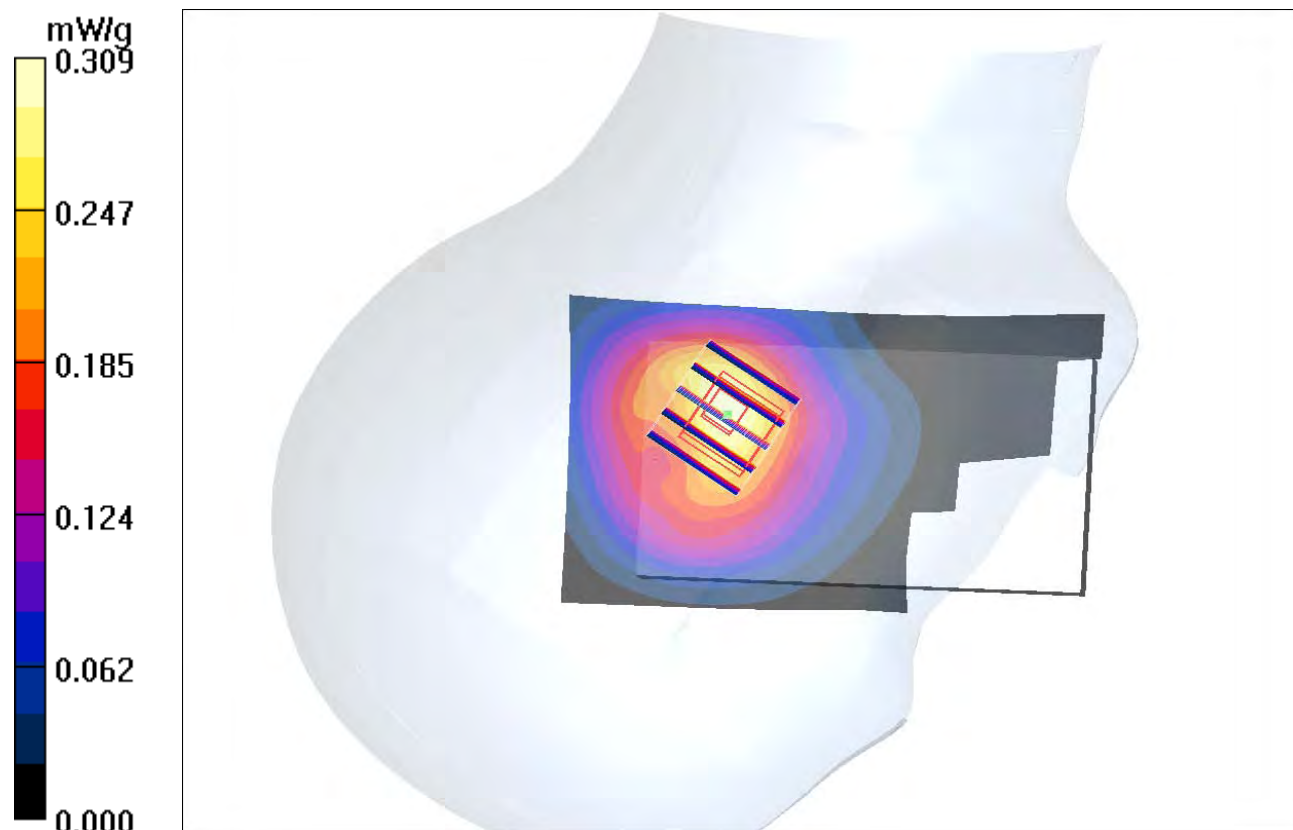
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.6 V/m ; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.246 mW/g ; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.301 mW/g



P182 LTE Band XVII_16QAM_RB50%_Right Tilted_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.222 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.2 V/m ; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.185 mW/g ; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.223 mW/g

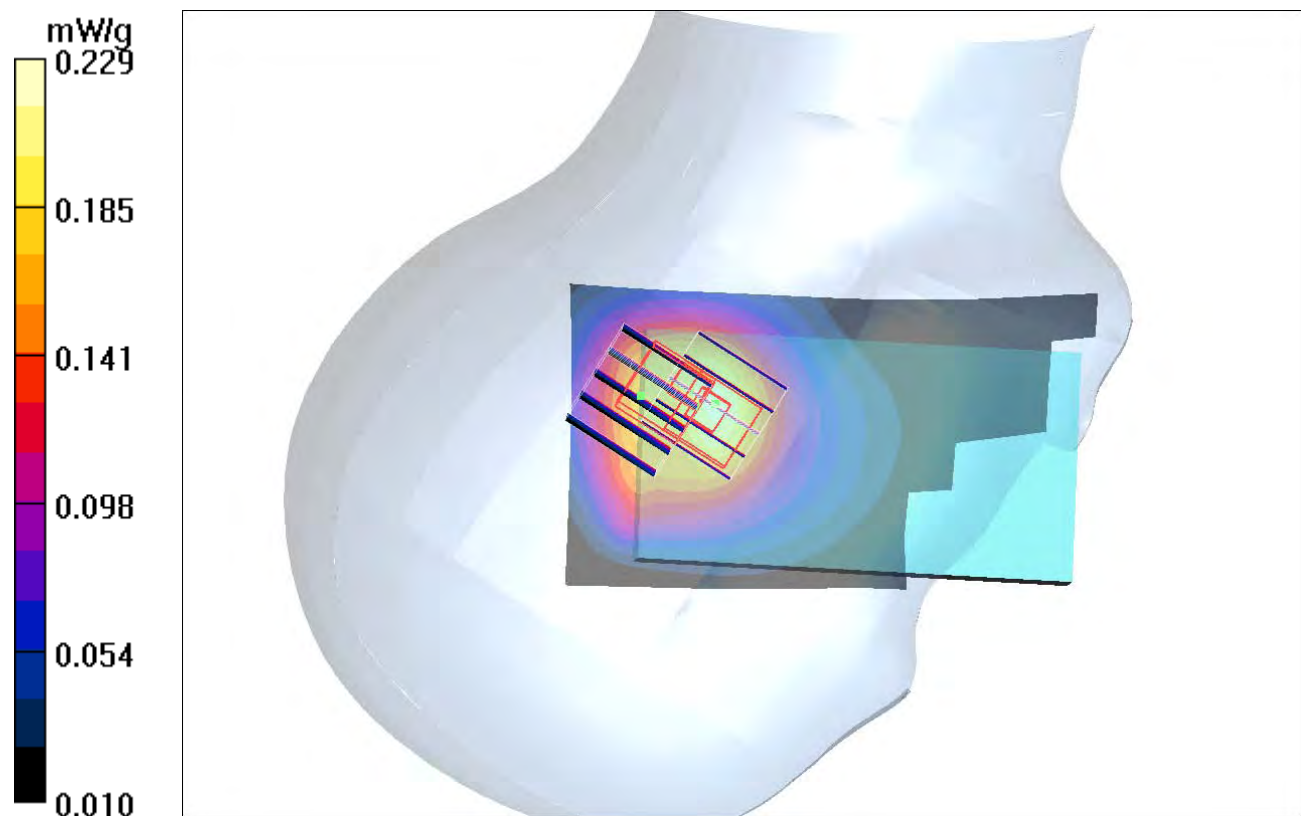
Ch23800/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.2 V/m ; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.171 mW/g ; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.229 mW/g



P183 LTE Band XVII_16QAM_RB50%_Left Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.452 mW/g

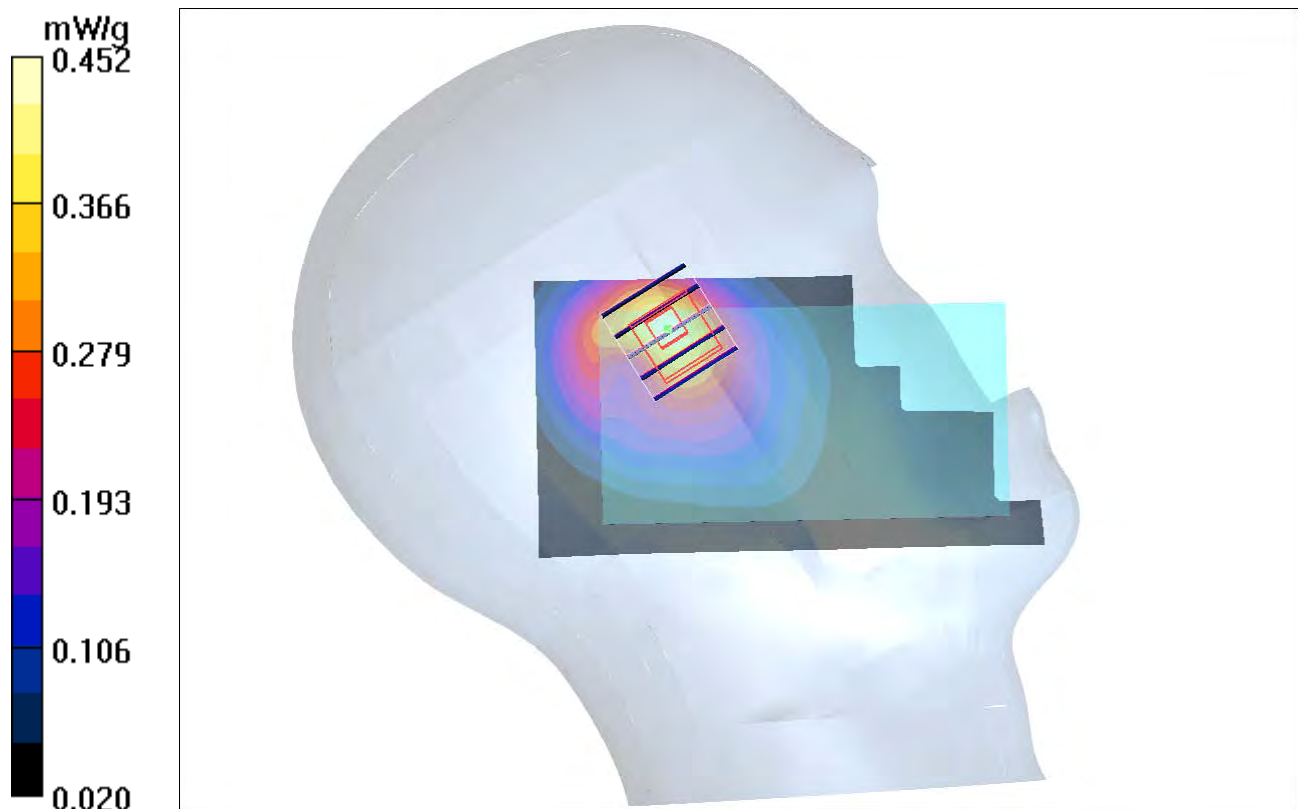
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.1 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.452 mW/g



P184 LTE Band XVII_16QAM_RB50%_Left Tilted_Ch23800_Sample1_Battery1

DUT: 110805C09

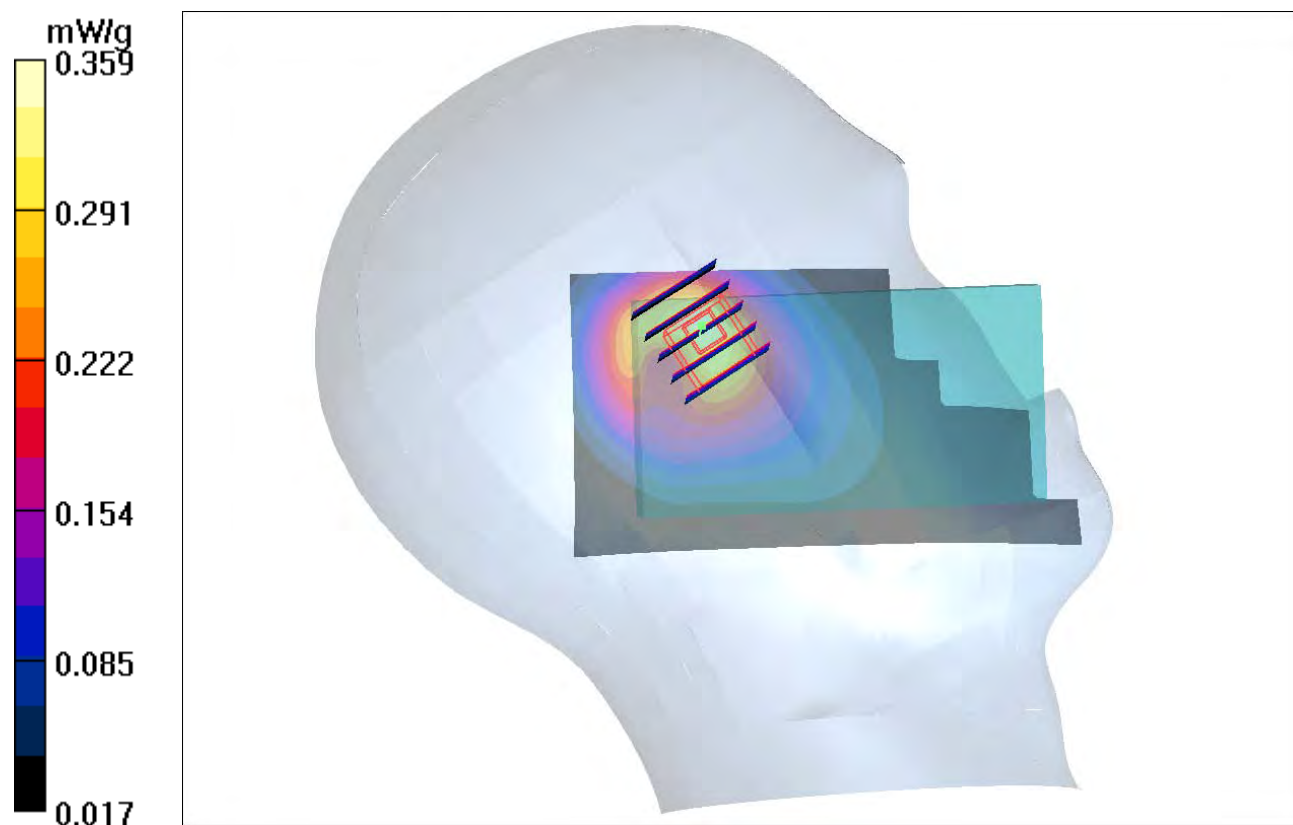
Communication System: LTE band17 (700); Frequency: 711 MHz; Duty Cycle: 1:1
Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.347 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 15.3 V/m ; Power Drift = 0.045 dB
Peak SAR (extrapolated) = 0.438 W/kg
SAR(1 g) = 0.276 mW/g ; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.359 mW/g



P185 LTE Band XVII_16QAM_RB1U_Right Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

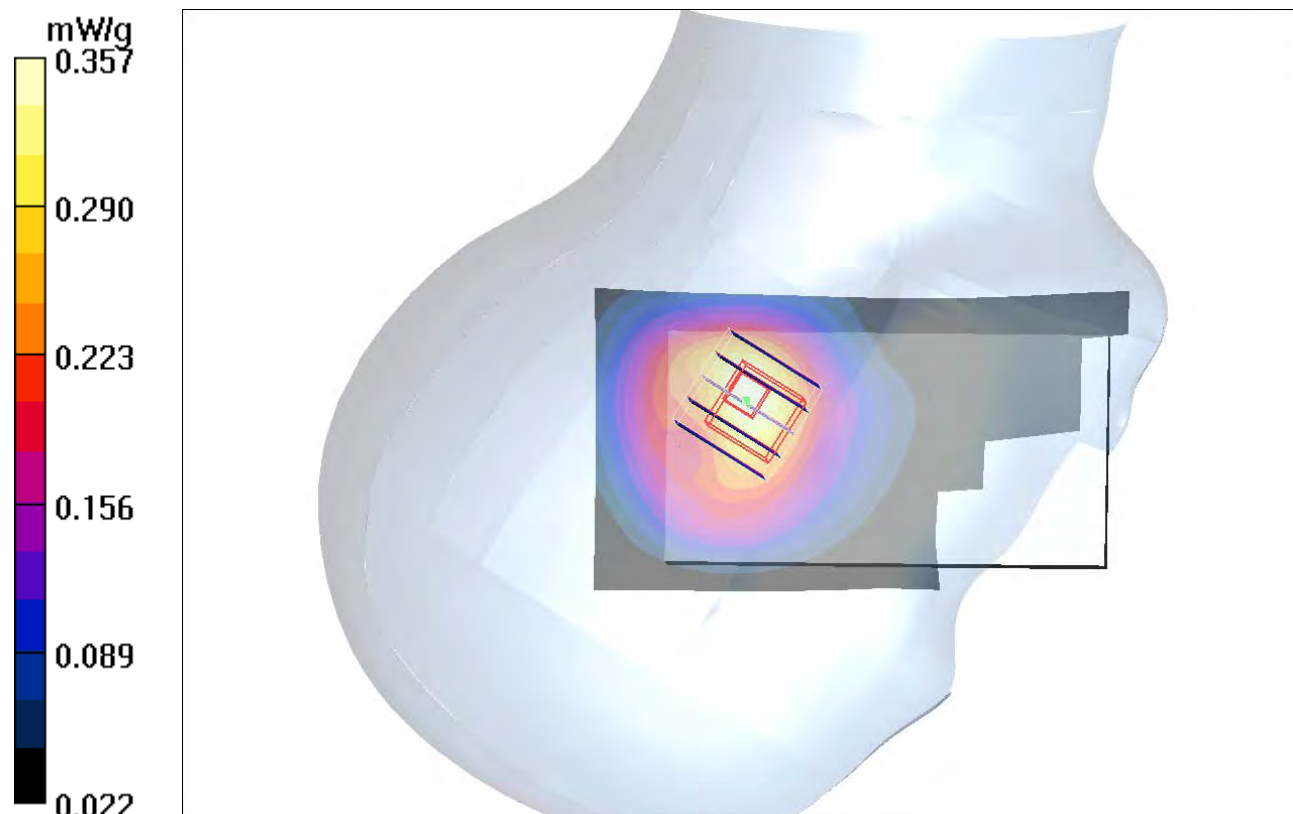
Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
 Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.355 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.9 V/m ; Power Drift = -0.019 dB
 Peak SAR (extrapolated) = 0.418 W/kg
SAR(1 g) = 0.285 mW/g ; SAR(10 g) = 0.196 mW/g
 Maximum value of SAR (measured) = 0.357 mW/g



P186 LTE Band XVII_16QAM_RB1U_Right Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
 Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

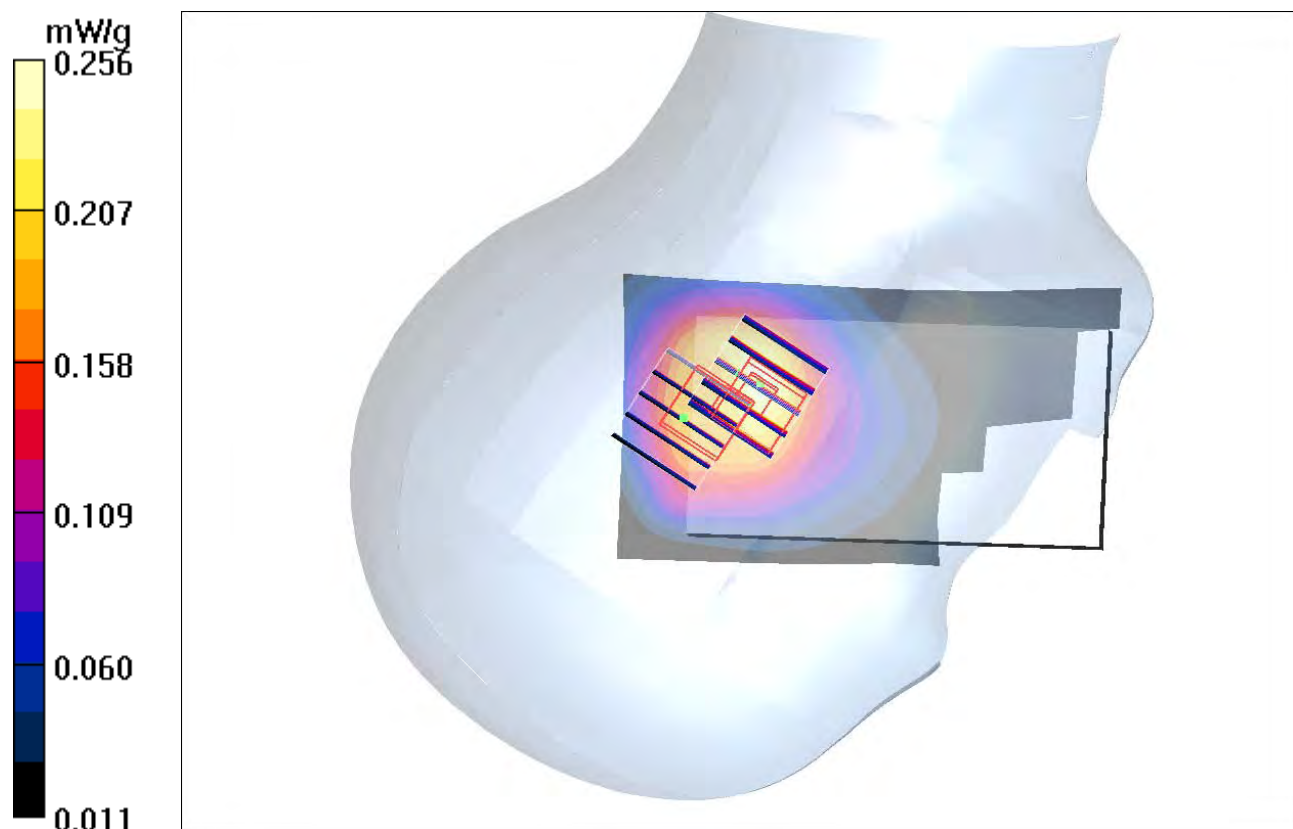
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.255 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.0 V/m ; Power Drift = -0.066 dB
 Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.206 mW/g ; SAR(10 g) = 0.144 mW/g
 Maximum value of SAR (measured) = 0.253 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.0 V/m ; Power Drift = -0.066 dB
 Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.186 mW/g ; SAR(10 g) = 0.110 mW/g
 Maximum value of SAR (measured) = 0.256 mW/g



P187 LTE Band XVII_16QAM_RB1U_Left Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

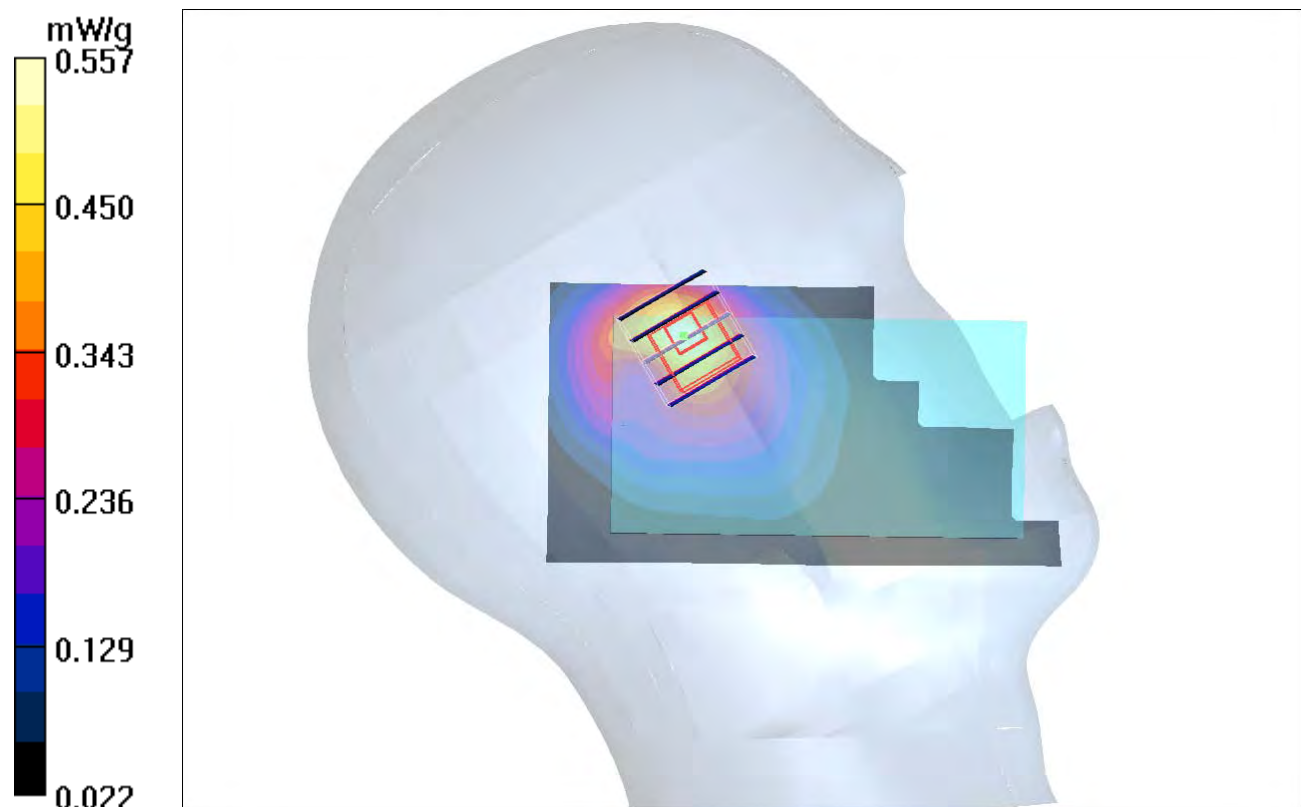
Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.557 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 16.3 V/m ; Power Drift = 0.063 dB
Peak SAR (extrapolated) = 0.704 W/kg
SAR(1 g) = 0.416 mW/g ; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.557 mW/g



P188 LTE Band XVII_16QAM_RB1U_Left Tilted_Ch23800_Sample1_Battery1

DUT: 110805C09

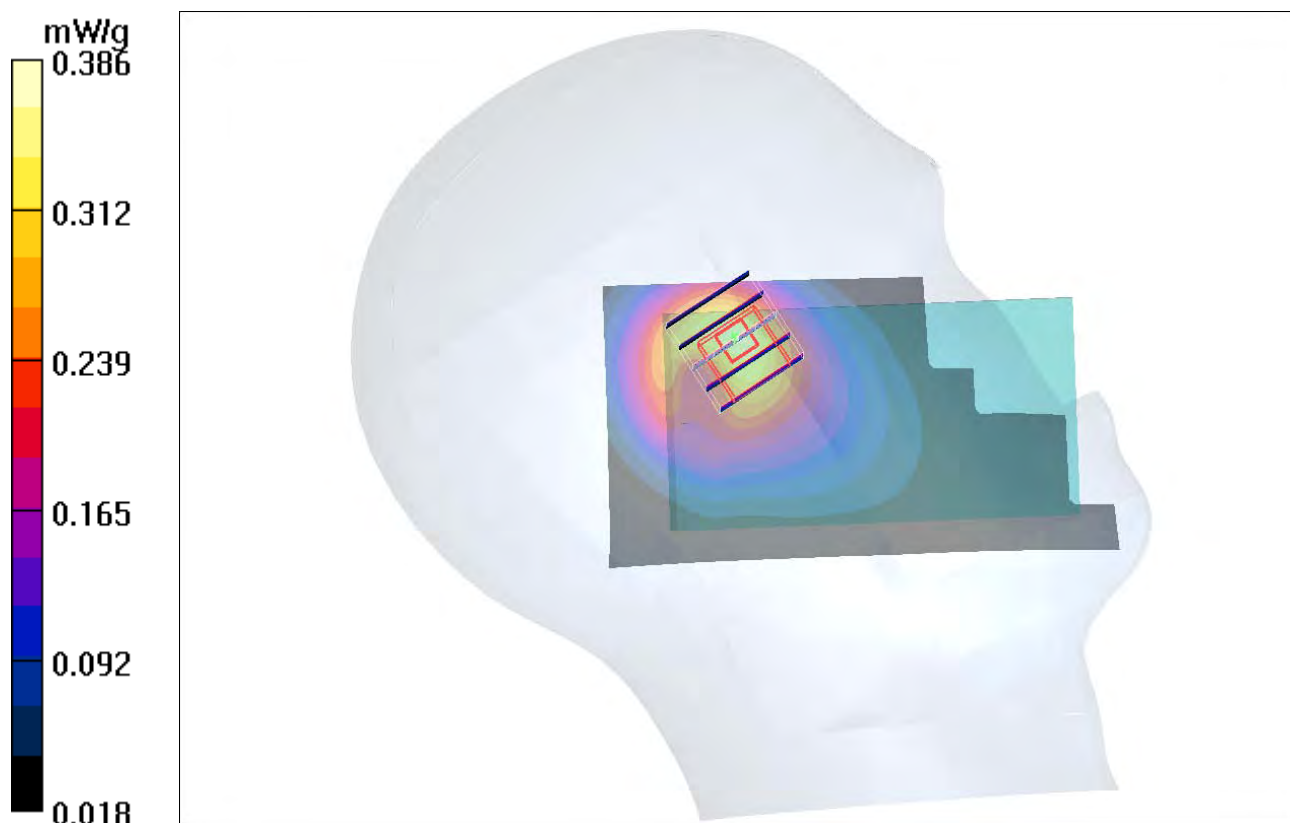
Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
 Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.367 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.5 V/m ; Power Drift = 0.021 dB
 Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.296 mW/g ; SAR(10 g) = 0.193 mW/g
 Maximum value of SAR (measured) = 0.386 mW/g



P189 LTE Band XVII_16QAM_RB1L_Right Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

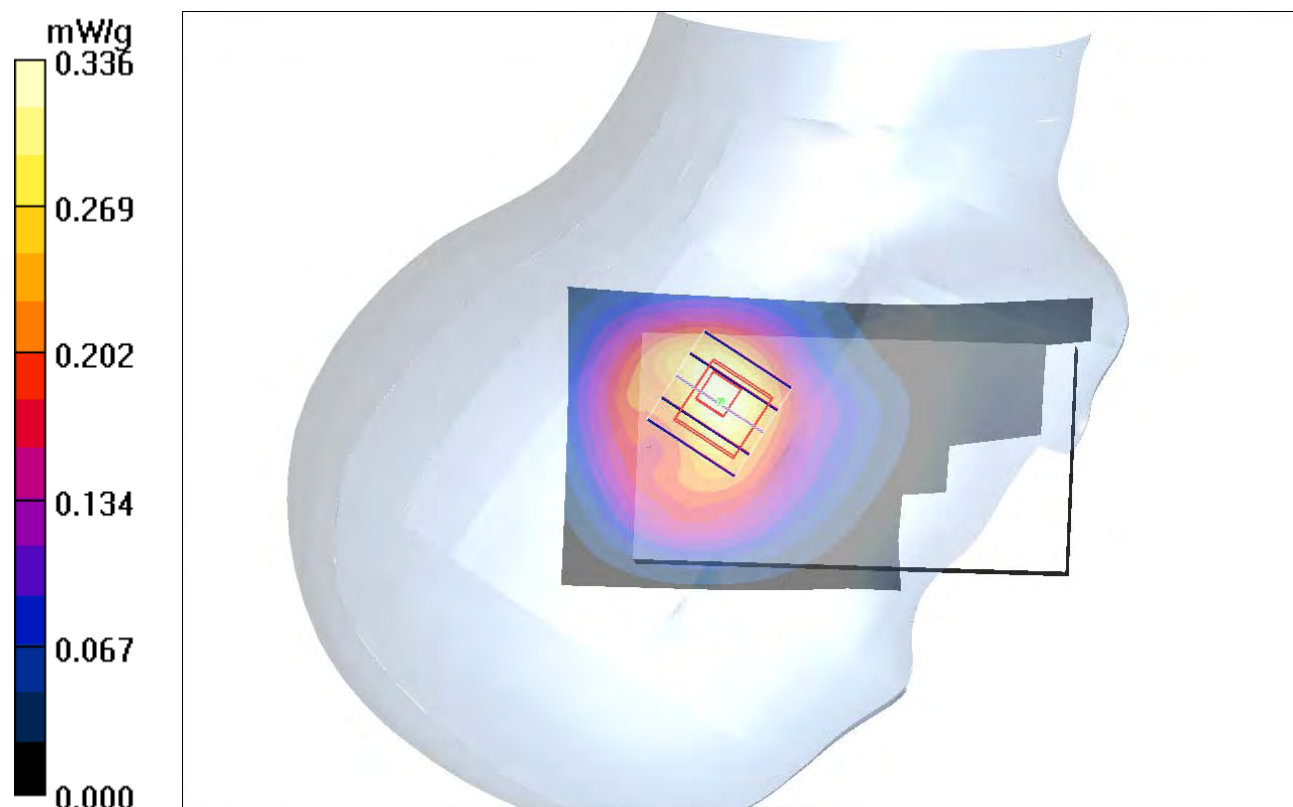
Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
 Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.336 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.3 V/m ; Power Drift = 0.017 dB
 Peak SAR (extrapolated) = 0.395 W/kg
SAR(1 g) = 0.273 mW/g ; SAR(10 g) = 0.187 mW/g
 Maximum value of SAR (measured) = 0.334 mW/g



P190 LTE Band XVII_16QAM_RB1L_Right Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1
 Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

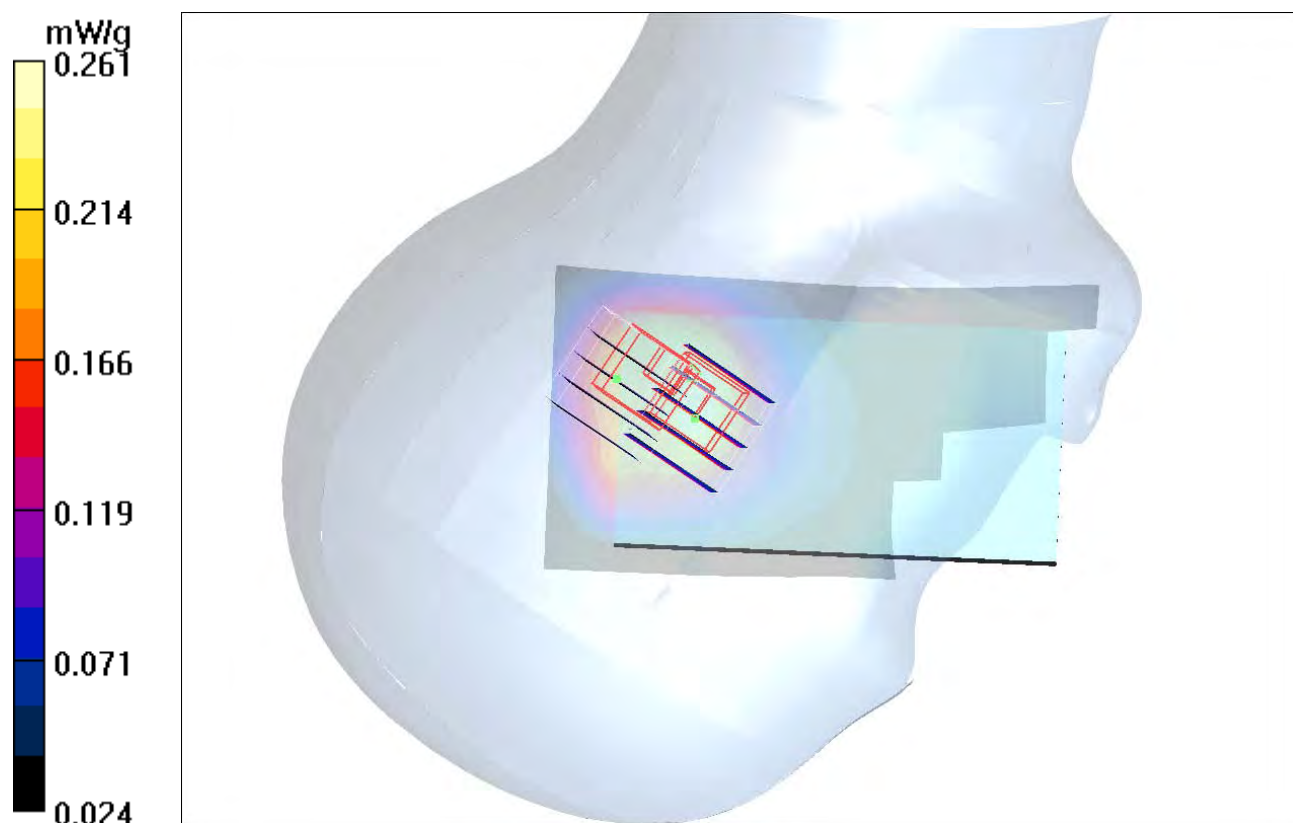
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.245 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.3 V/m ; Power Drift = -0.181 dB
 Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.216 mW/g ; SAR(10 g) = 0.150 mW/g
 Maximum value of SAR (measured) = 0.261 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.3 V/m ; Power Drift = -0.181 dB
 Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.188 mW/g ; SAR(10 g) = 0.113 mW/g
 Maximum value of SAR (measured) = 0.251 mW/g



P191 LTE Band XVII_16QAM_RB1L_Left Cheek_Ch23800_Sample1_Battery1

DUT: 110805C09

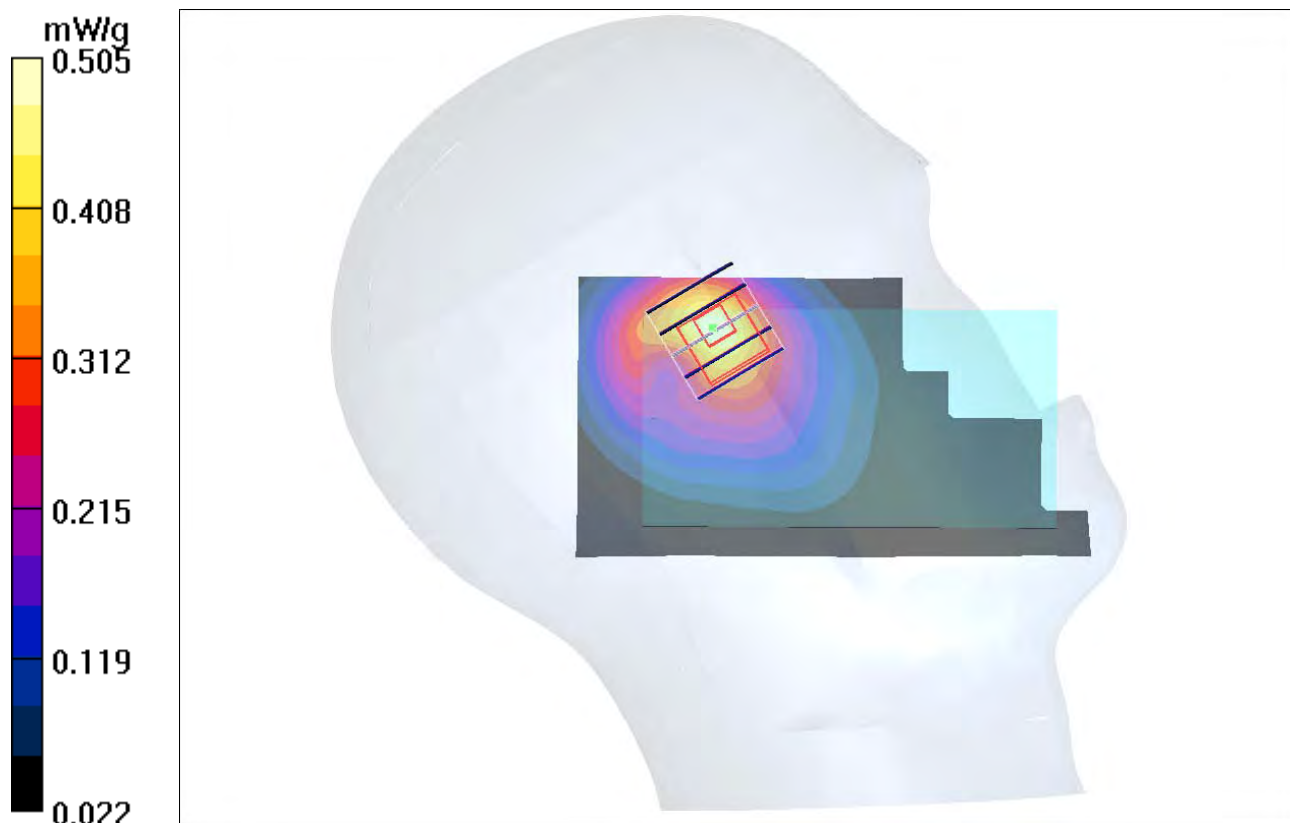
Communication System: LTE band17 (700); Frequency: 711 MHz; Duty Cycle: 1:1
Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.500 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 15.9 V/m ; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 0.619 W/kg
SAR(1 g) = 0.385 mW/g ; SAR(10 g) = 0.241 mW/g
Maximum value of SAR (measured) = 0.505 mW/g



P192 LTE Band XVII_16QAM_RB1L_Left Tilted_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (700); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750_0914 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.408 mW/g

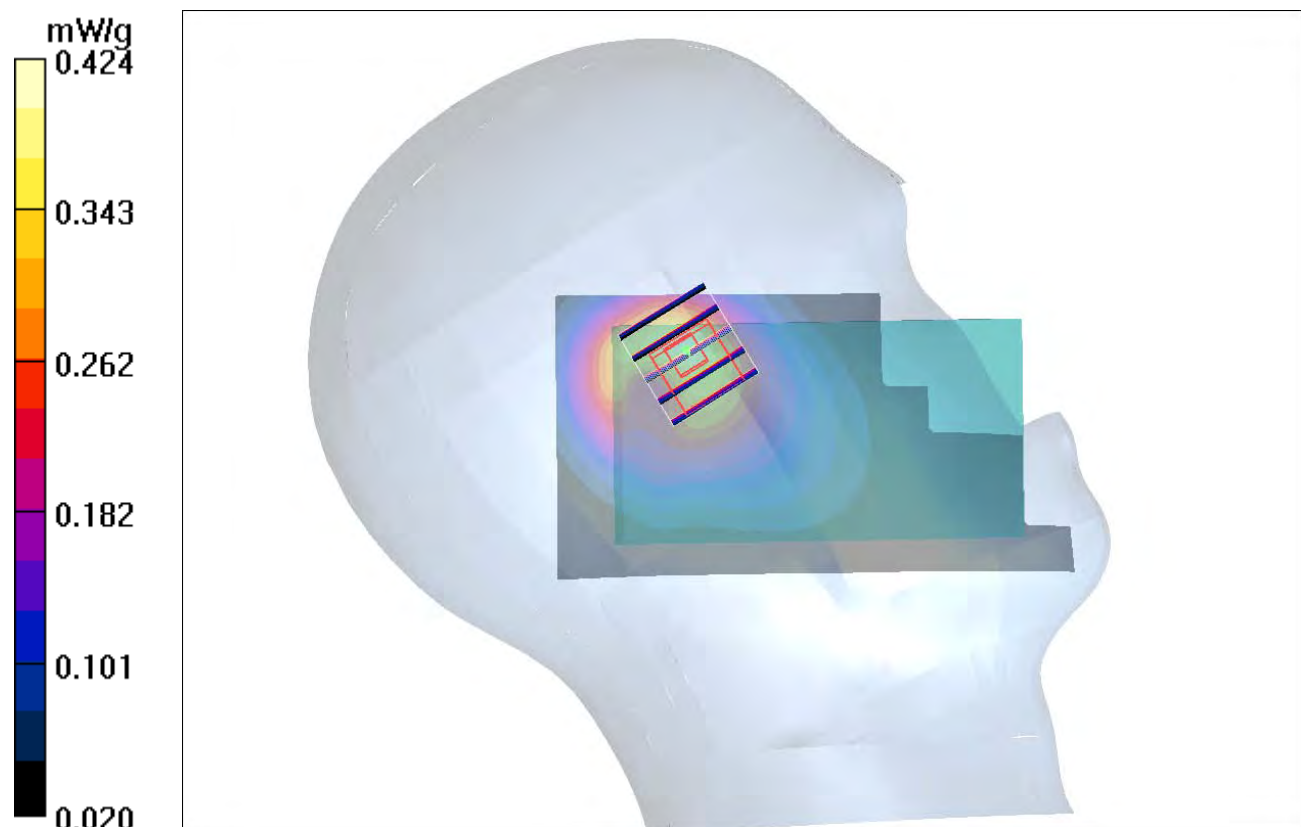
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.6 V/m ; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.318 mW/g ; SAR(10 g) = 0.209 mW/g

Maximum value of SAR (measured) = 0.424 mW/g



P100 LTE Band IV_QPSK_RB50%_Right Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.510 mW/g

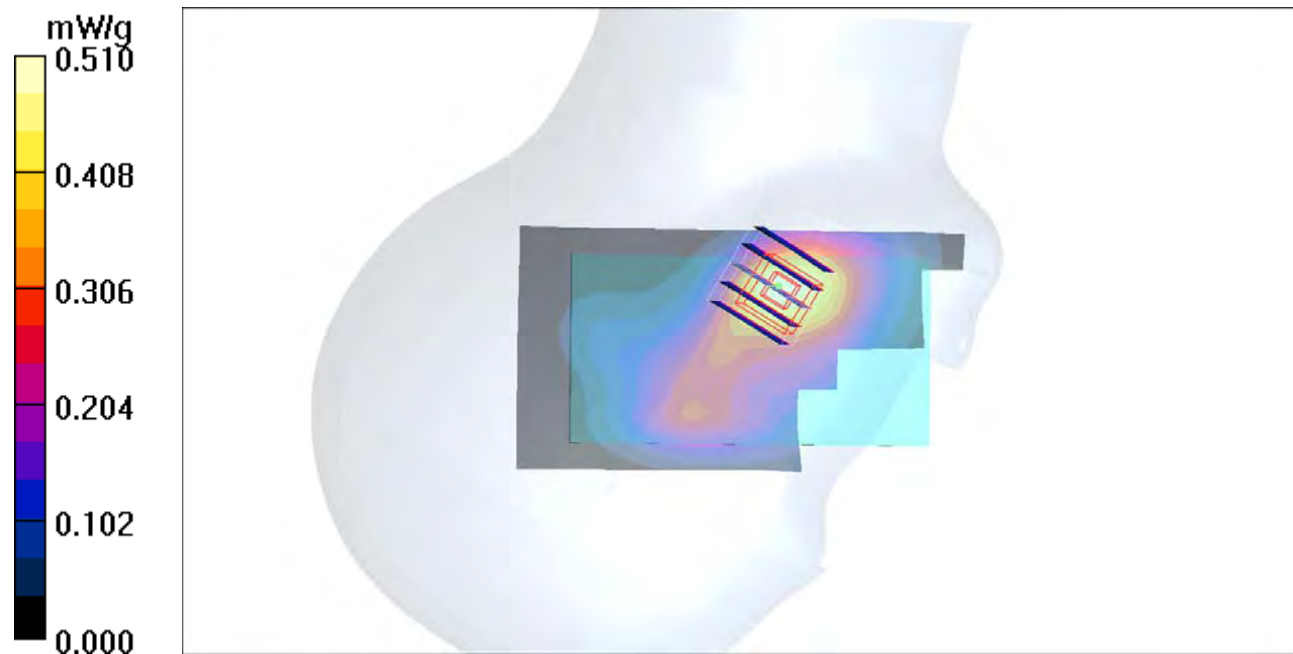
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.79 V/m; Power Drift = 0.153 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.500 mW/g



P101 LTE Band IV_QPSK_RB50%_Right Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.229 mW/g

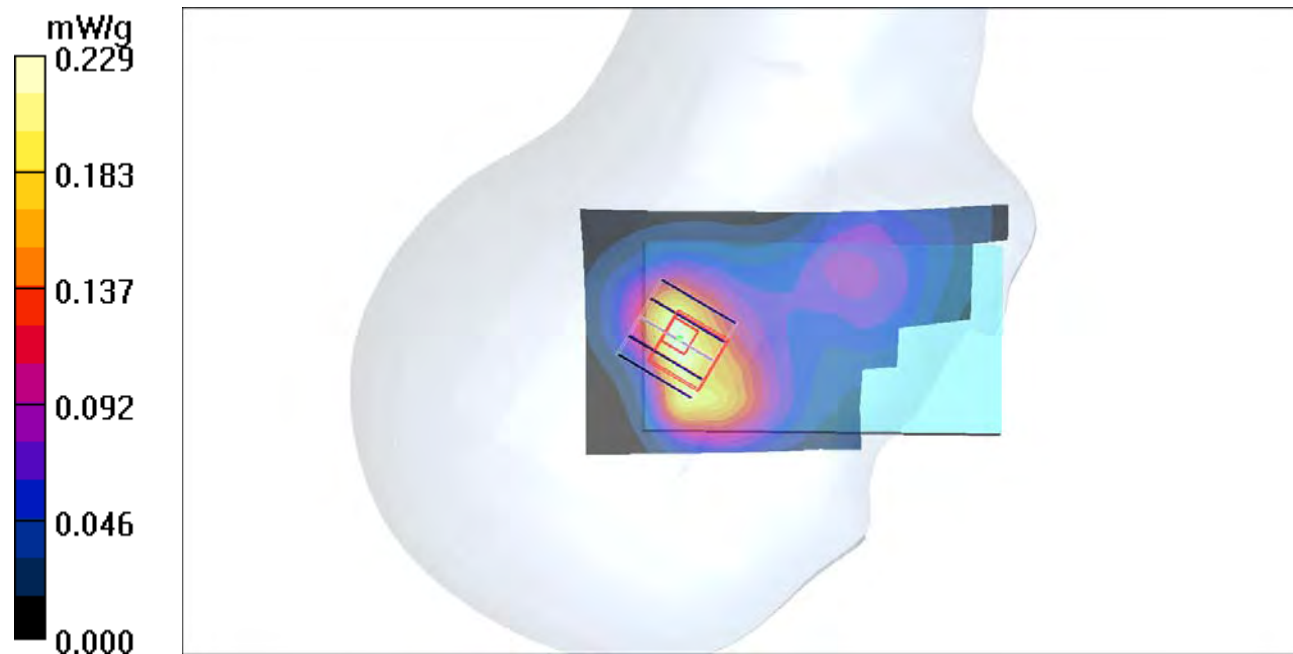
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = 0.146 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.221 mW/g



P102 LTE Band IV_QPSK_RB50%_Left Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.318 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.27 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.318 mW/g

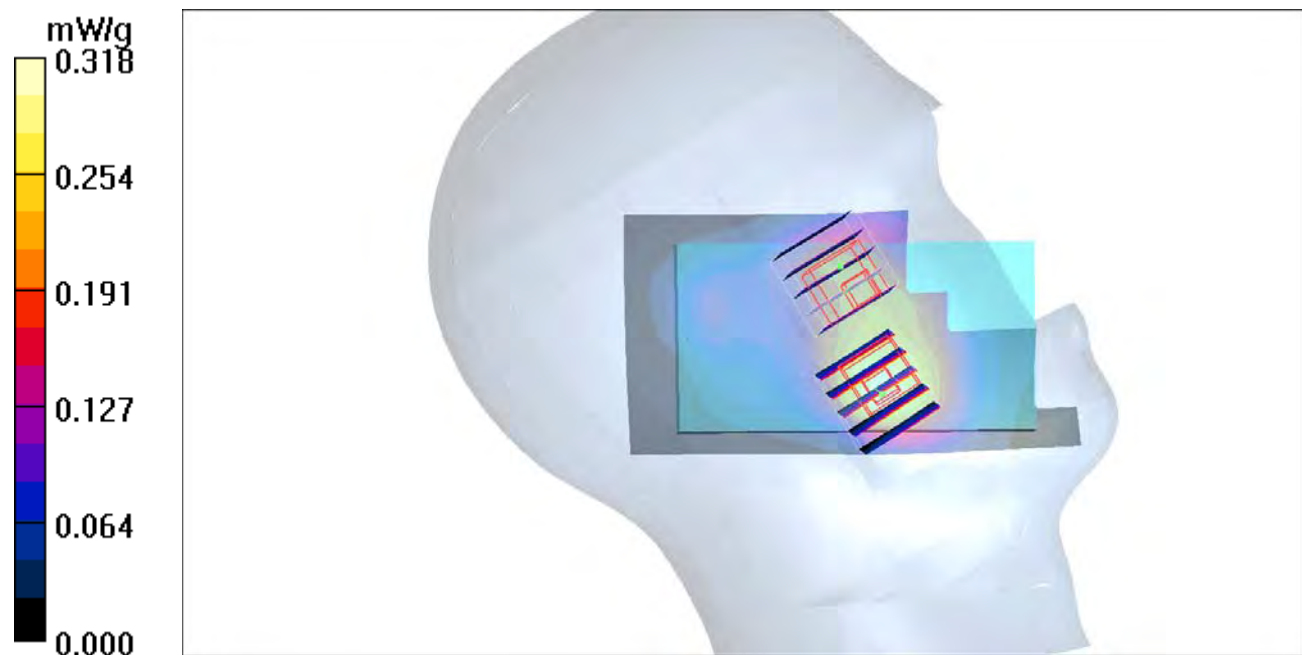
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.27 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.211 mW/g



P103 LTE Band IV_QPSK_RB50%_Left Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.243 mW/g

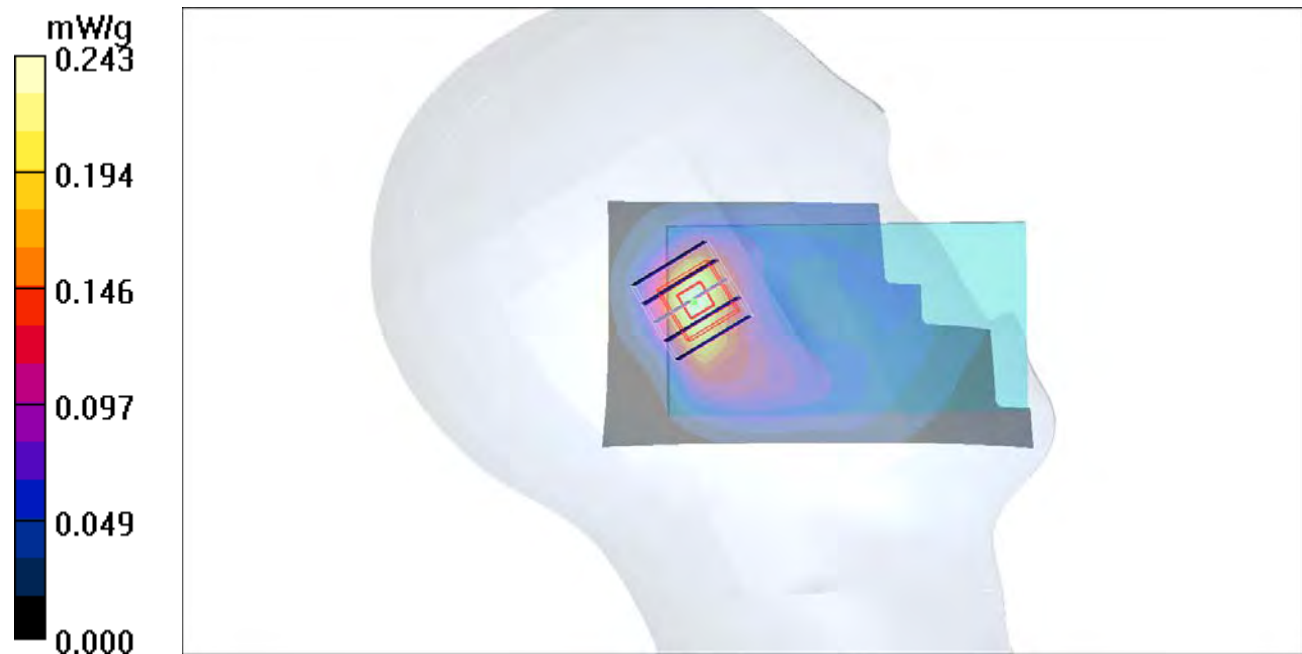
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.242 mW/g



P104 LTE Band IV_QPSK_RB1U_Right Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.782 mW/g

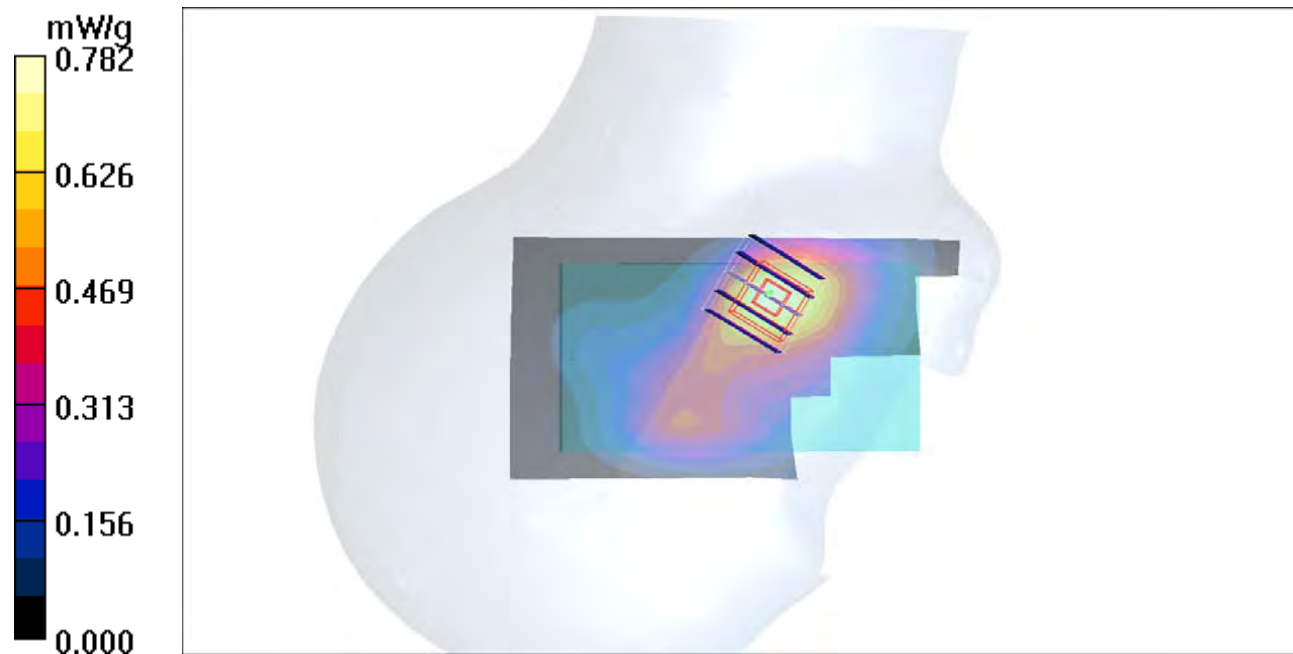
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.74 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.914 W/kg

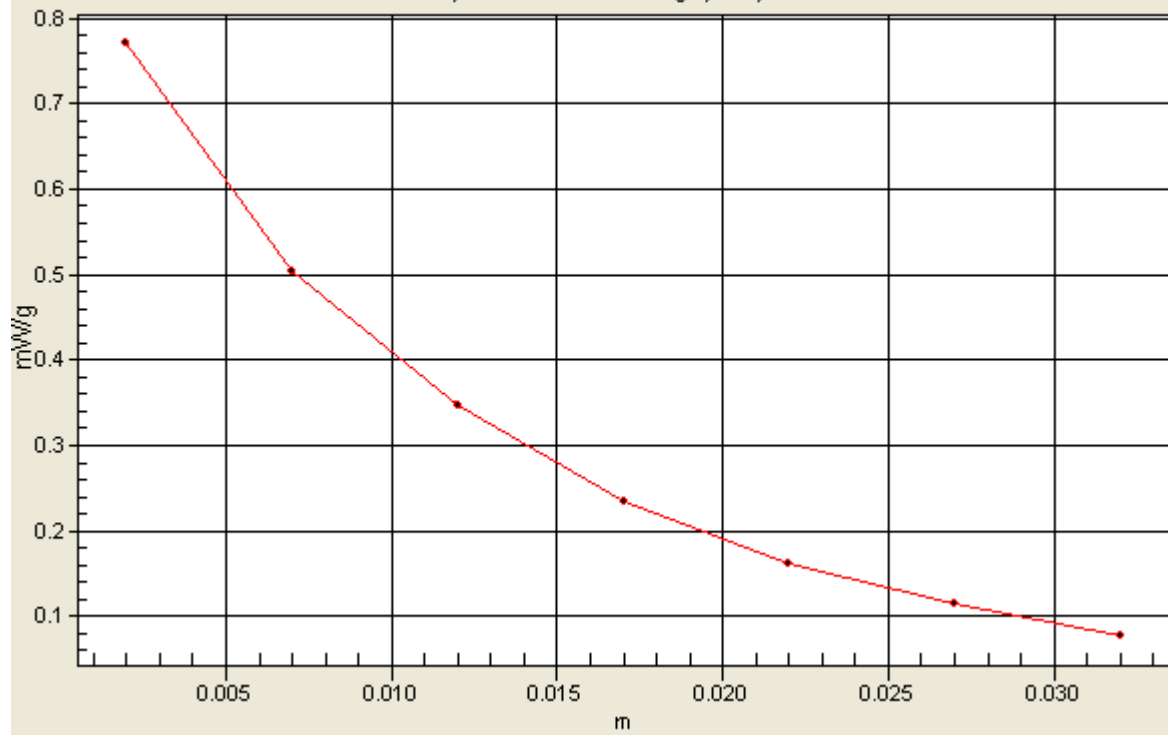
SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.388 mW/g

Maximum value of SAR (measured) = 0.770 mW/g



1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=2



P105 LTE Band IV_QPSK_RB1U_Right Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.362 mW/g

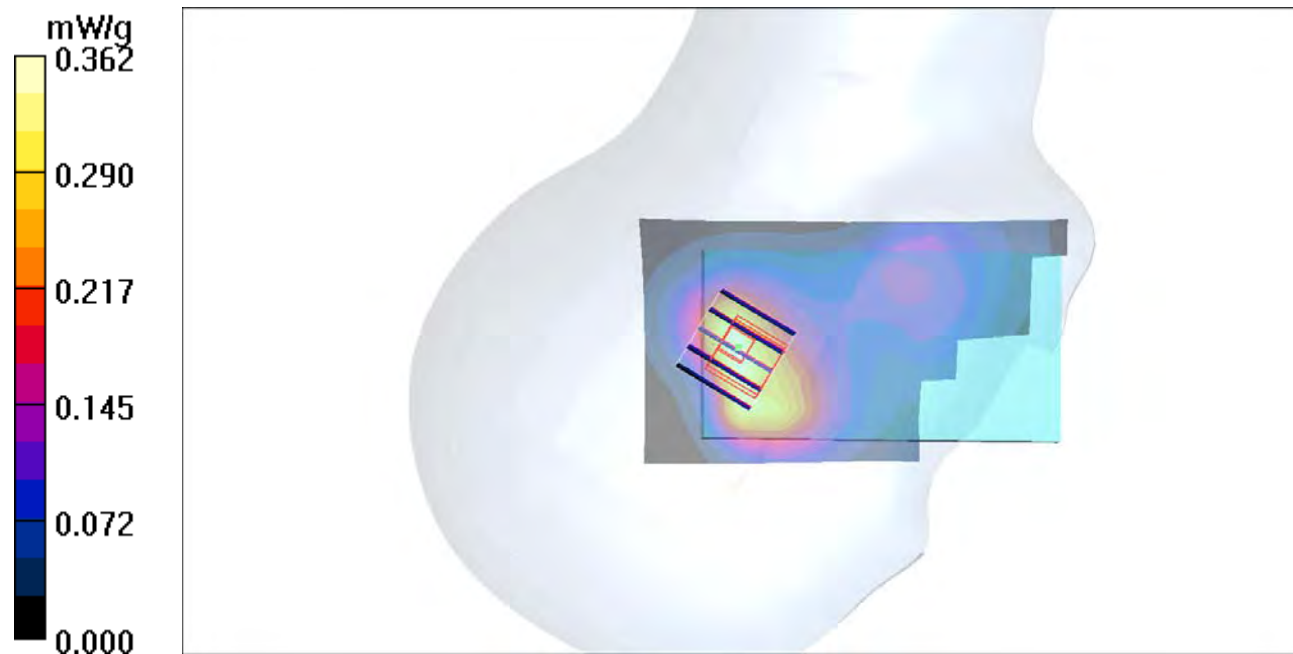
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.349 mW/g



P106 LTE Band IV_QPSK_RB1U_Left Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.494 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.42 V/m; Power Drift = 0.163 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.490 mW/g

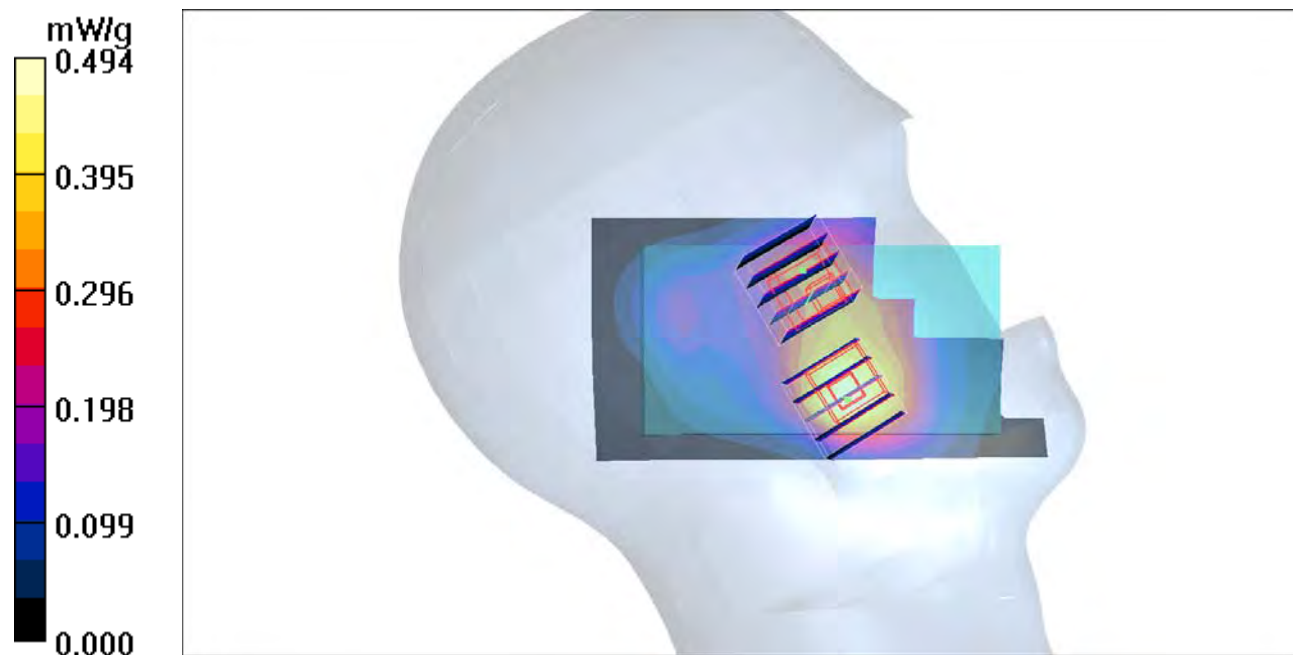
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.42 V/m; Power Drift = 0.163 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.329 mW/g



P107 LTE Band IV_QPSK_RB1U_Left Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.382 mW/g

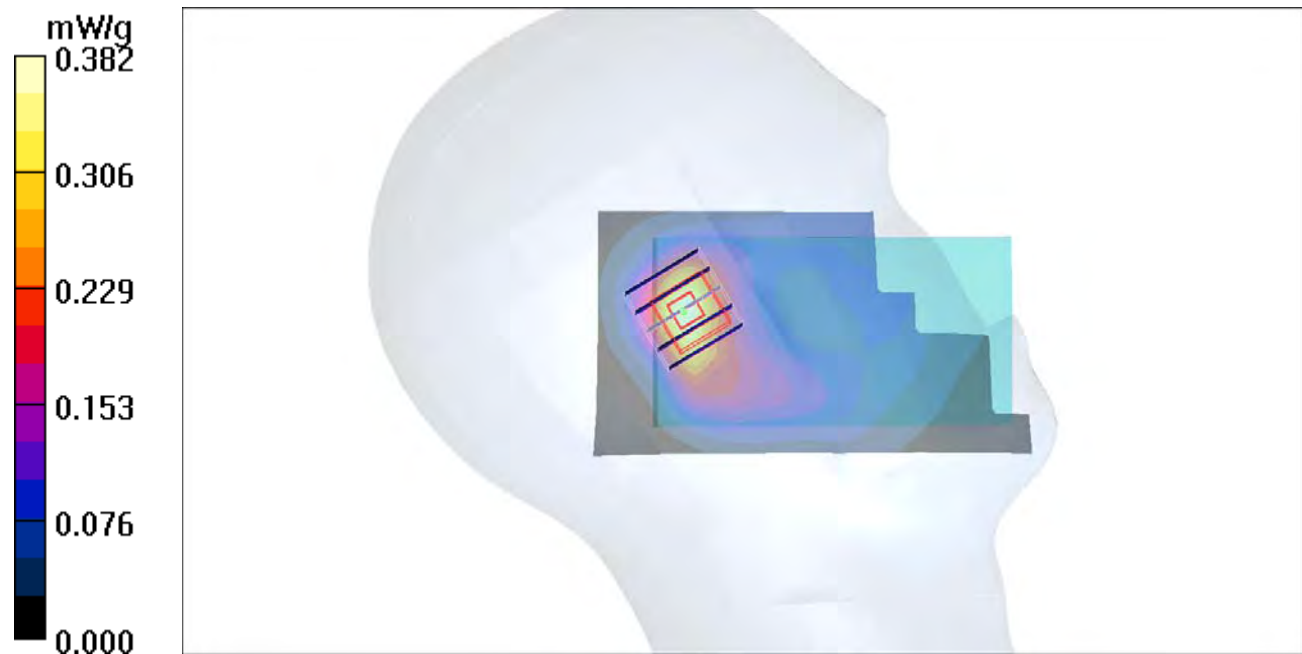
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.378 mW/g



P224 LTE Band IV_QPSK_RB1U_Right Cheek_Ch20350_Sample1_Battery2

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: HSL1800_0922 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r = 41.601$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(9.03, 9.03, 9.03); Calibrated: 2011/2/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/8/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.679 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.079 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.780 W/kg

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.646 mW/g

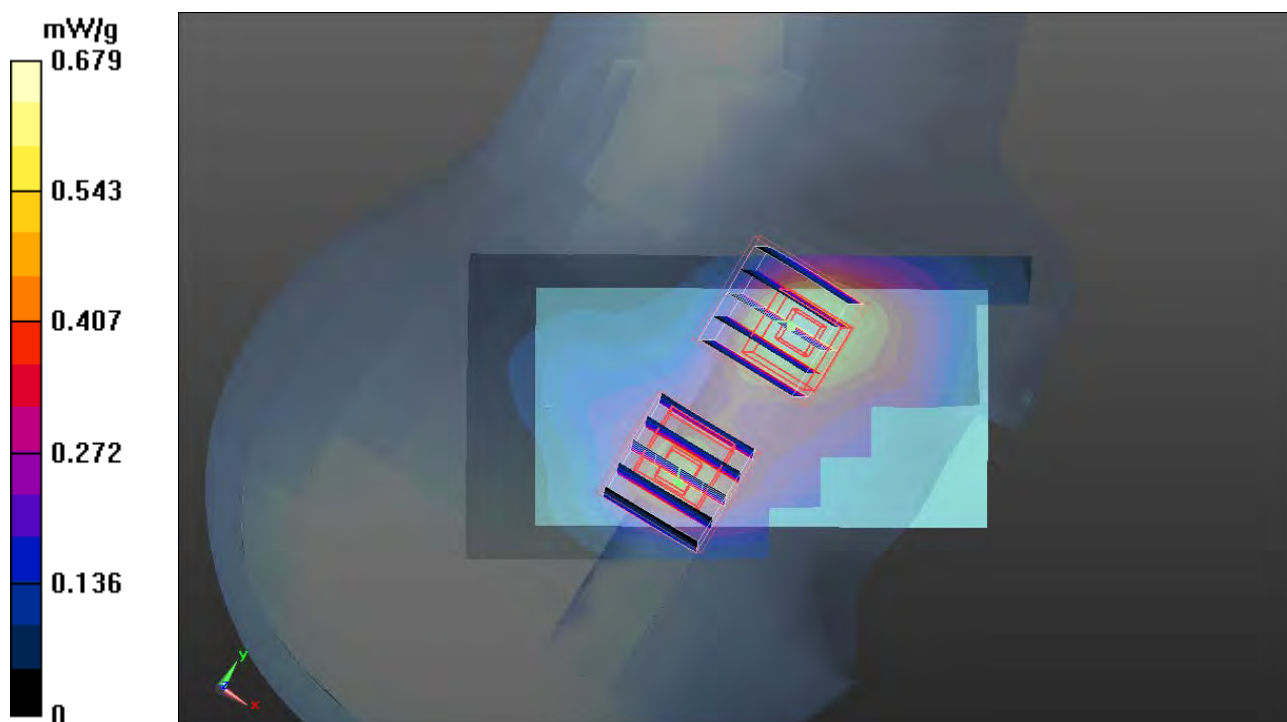
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.079 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.425 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.527 mW/g



P228 LTE Band IV_QPSK_RB1U_Right Cheek_Ch20350_Sample2_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: HSL1800_0929 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.407$ mho/m; $\epsilon_r = 40.818$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(9.03, 9.03, 9.03); Calibrated: 2011/2/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/8/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.608 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.265 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.674 W/kg

SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.578 mW/g

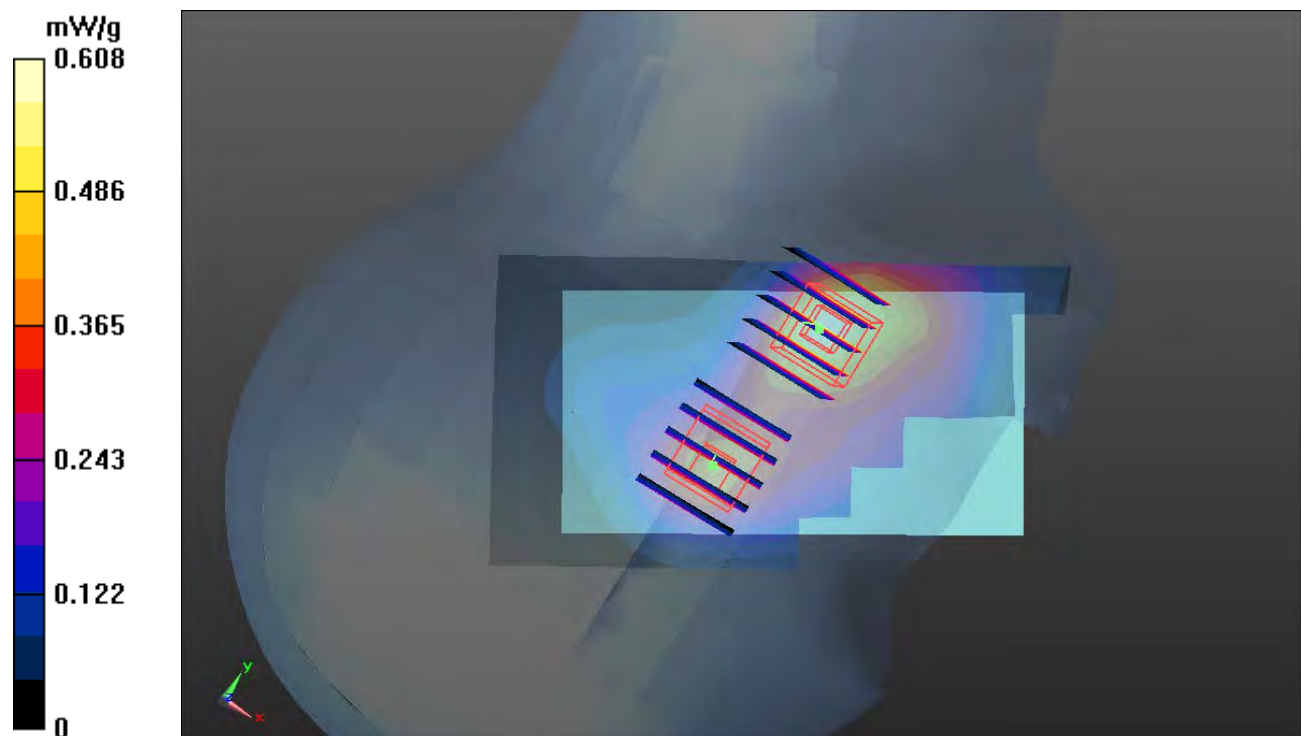
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.265 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.405 mW/g



P108 LTE Band IV_QPSK_RB1L_Right Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.603 mW/g

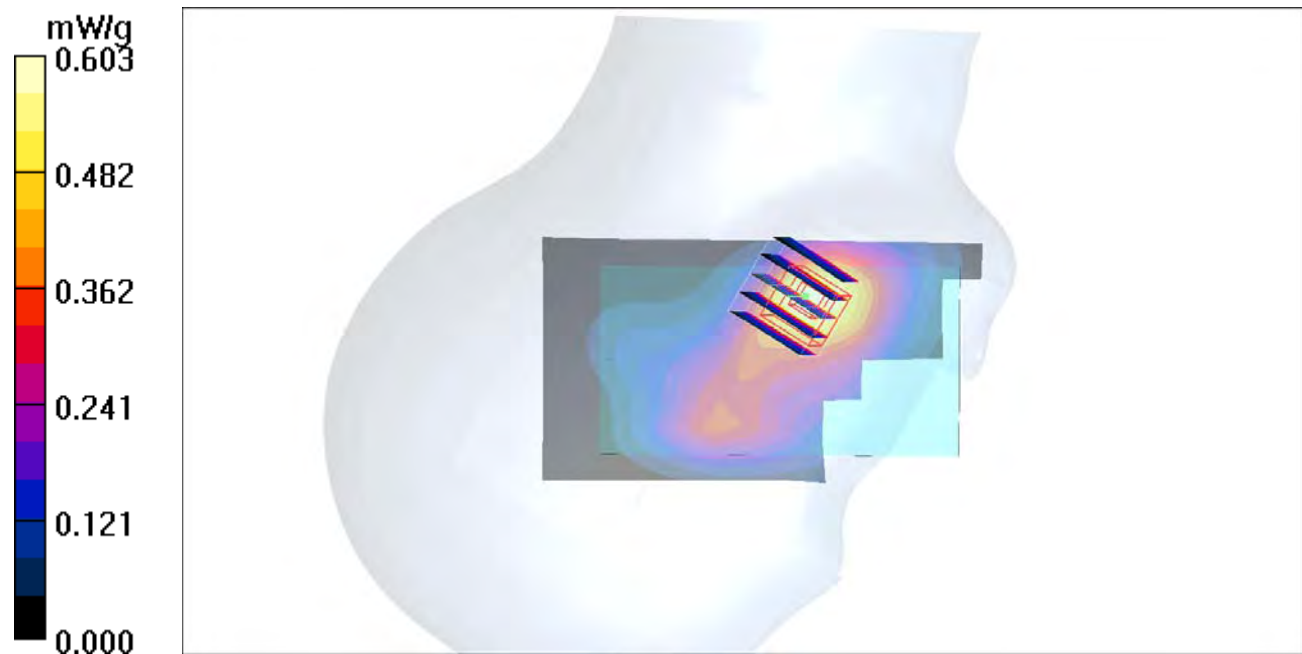
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.61 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.687 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.578 mW/g



P109 LTE Band IV_QPSK_RB1L_Right Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.270 mW/g

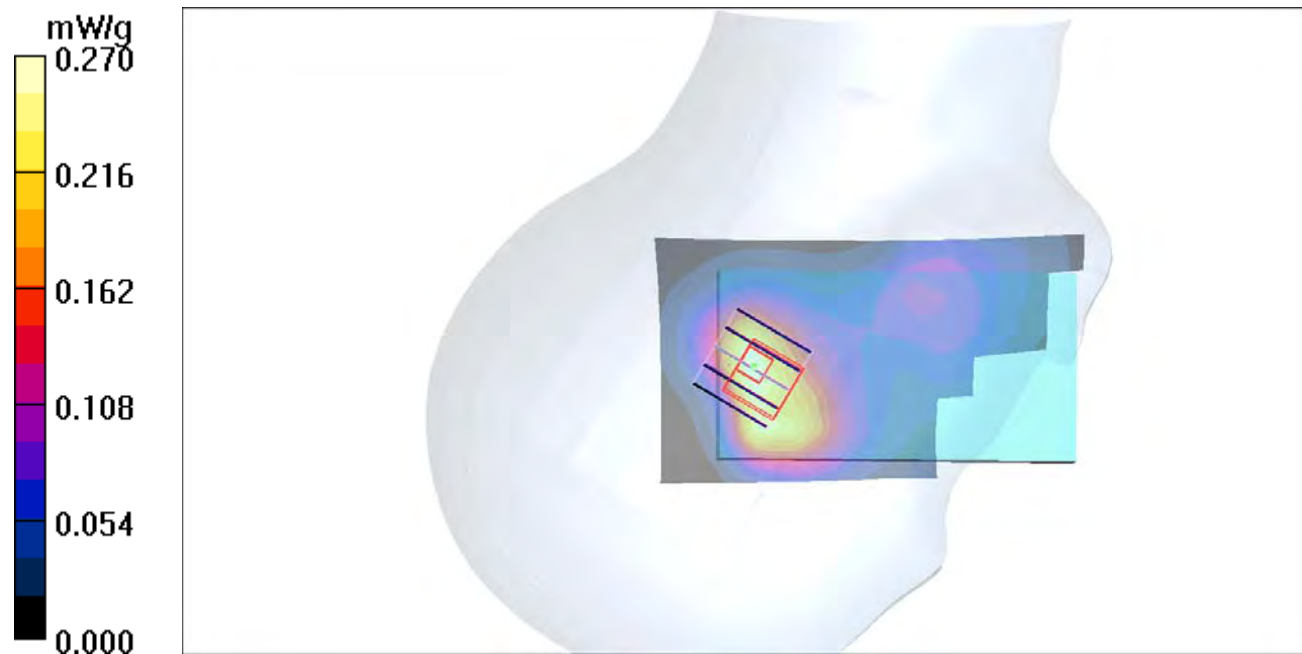
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.256 mW/g



P110 LTE Band IV_QPSK_RB1L_Left Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.394 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.40 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.447 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.202 mW/g

Maximum value of SAR (measured) = 0.381 mW/g

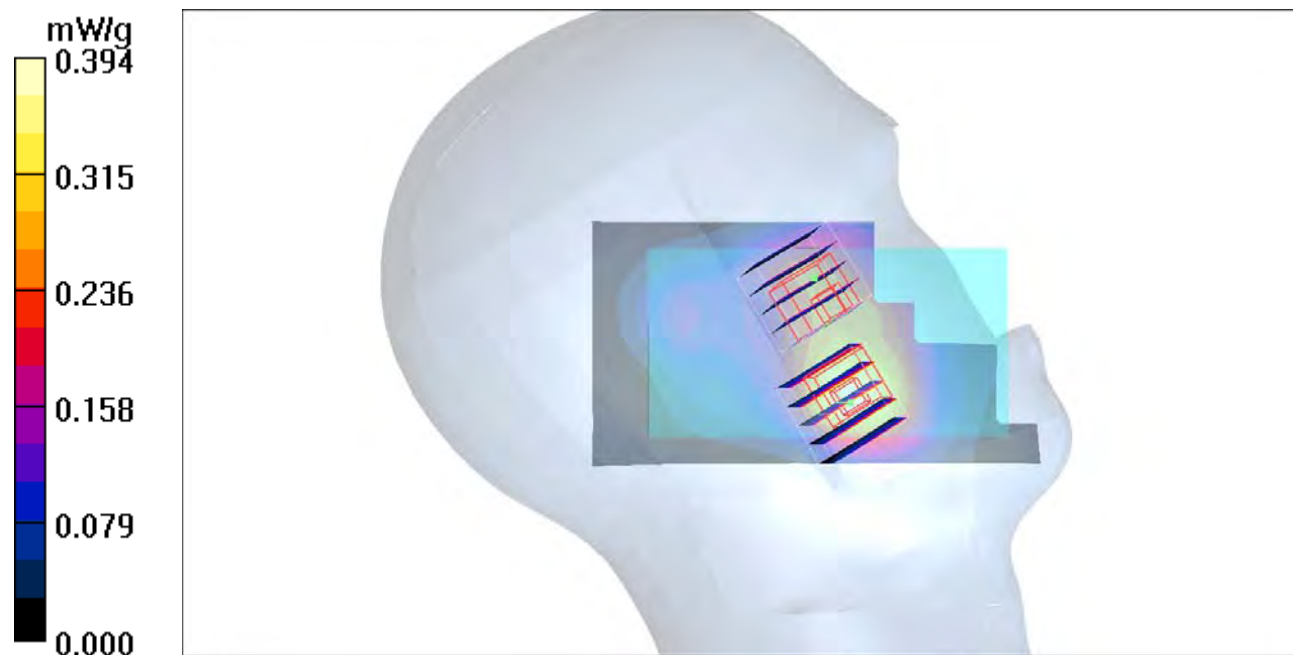
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.40 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.251 mW/g



P111 LTE Band IV_QPSK_RB1L_Left Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.284 mW/g

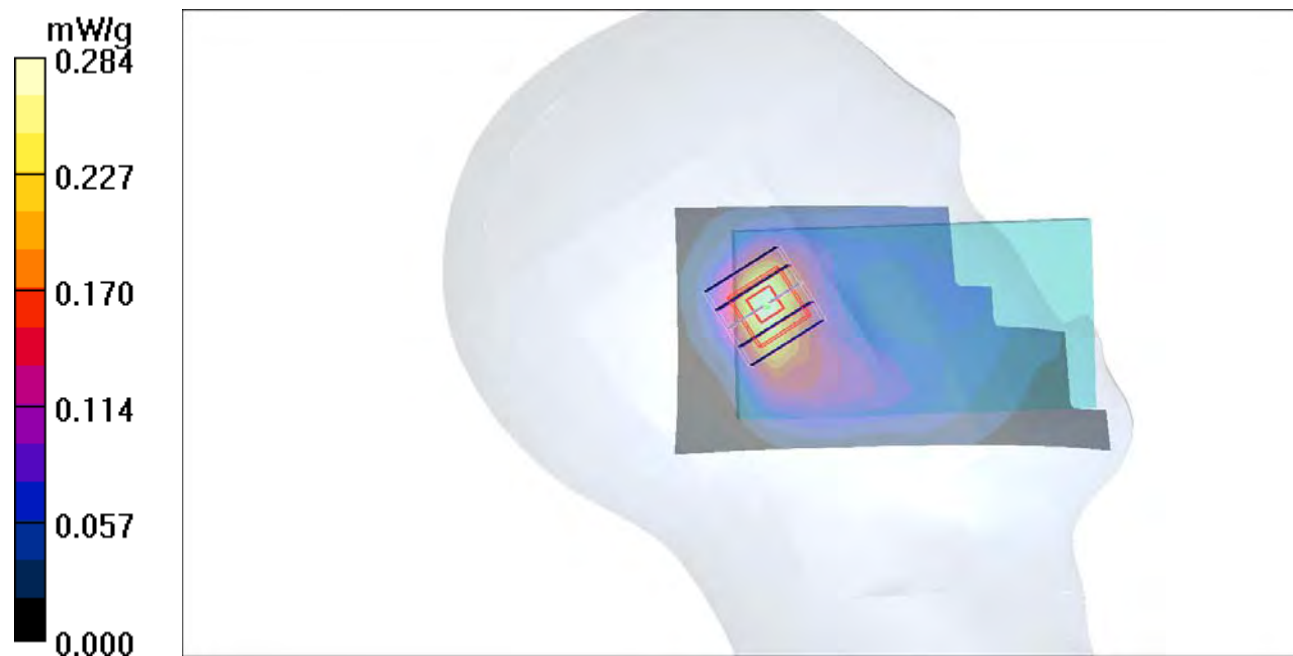
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.278 mW/g



P127 LTE Band IV_16QAM_RB50%_Right Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.416 mW/g

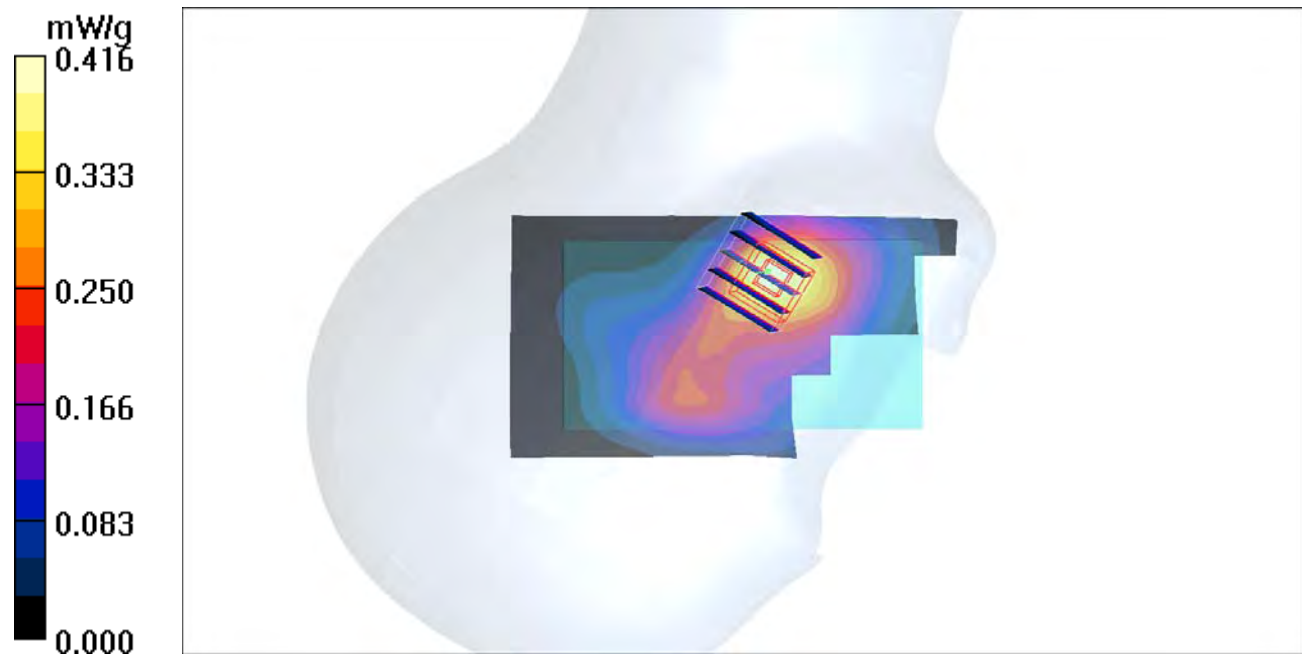
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.70 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 0.465 W/kg

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.388 mW/g



P128 LTE Band IV_16QAM_RB50%_Right Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.180 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.29 V/m; Power Drift = 0.117 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.183 mW/g

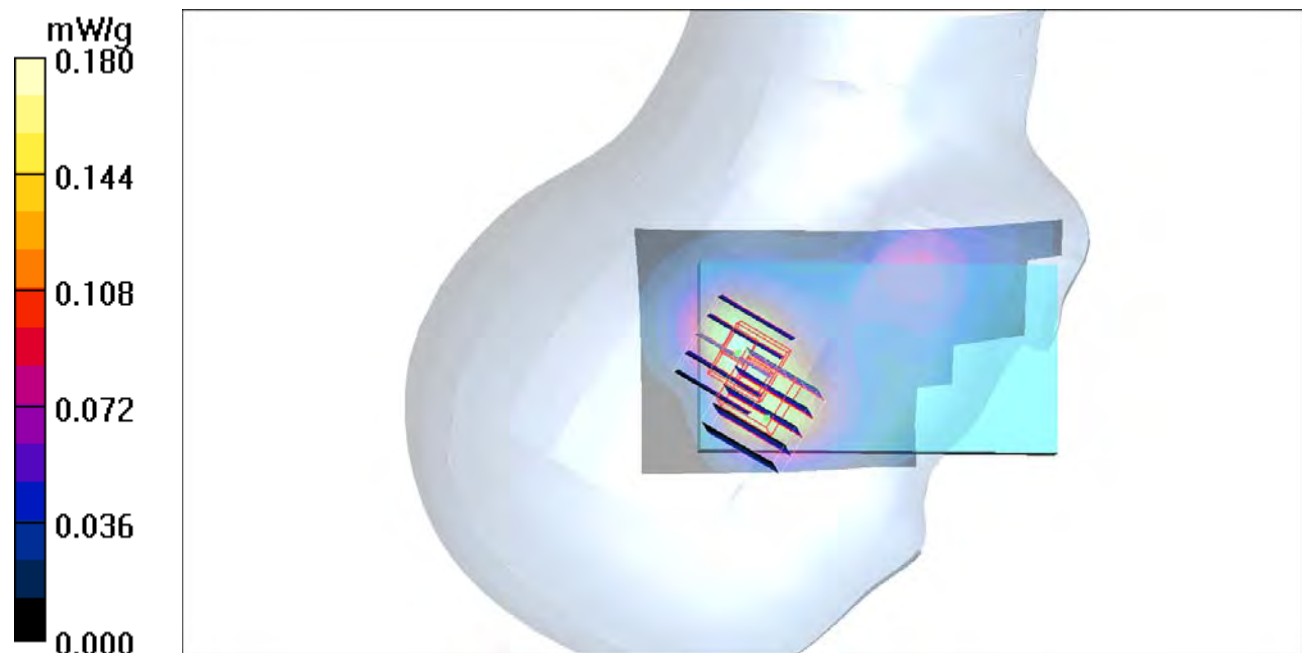
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.29 V/m; Power Drift = 0.117 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.171 mW/g



P129 LTE Band IV_16QAM_RB50%_Left Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1
 Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.2 °C

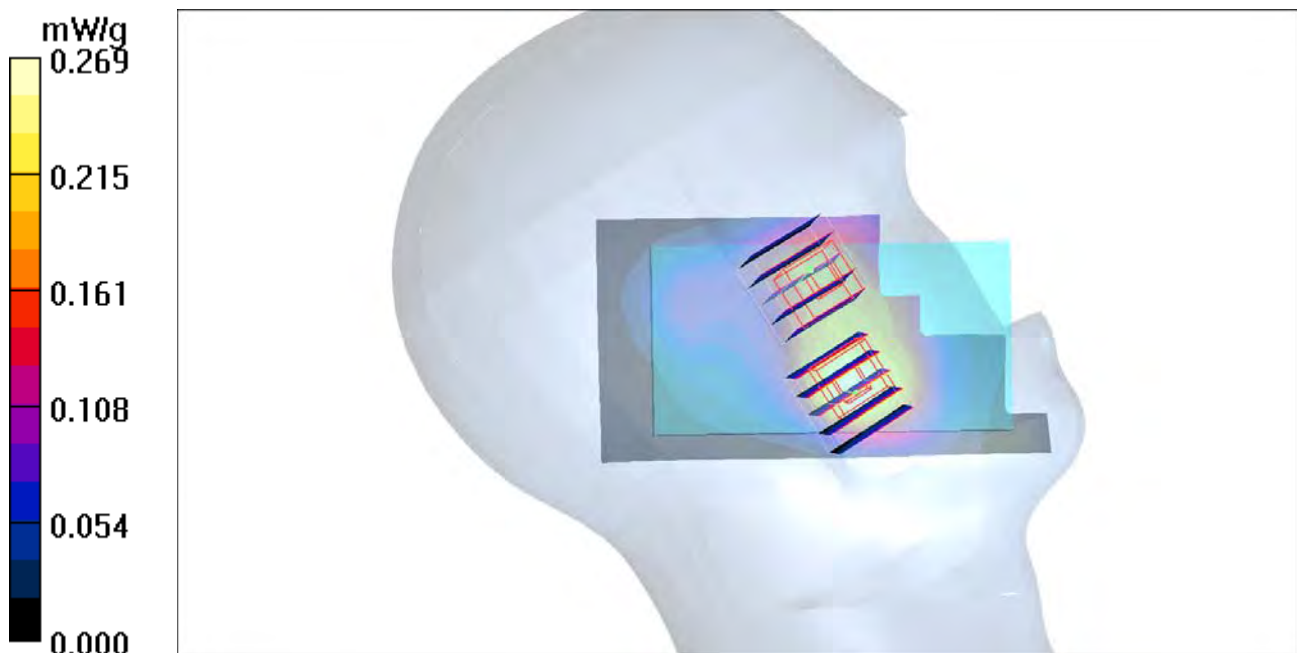
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.269 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 6.44 V/m; Power Drift = 0.178 dB
 Peak SAR (extrapolated) = 0.327 W/kg
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.144 mW/g
 Maximum value of SAR (measured) = 0.276 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 6.44 V/m; Power Drift = 0.178 dB
 Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.104 mW/g
 Maximum value of SAR (measured) = 0.189 mW/g



P130 LTE Band IV_16QAM_RB50%_Left Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.216 mW/g

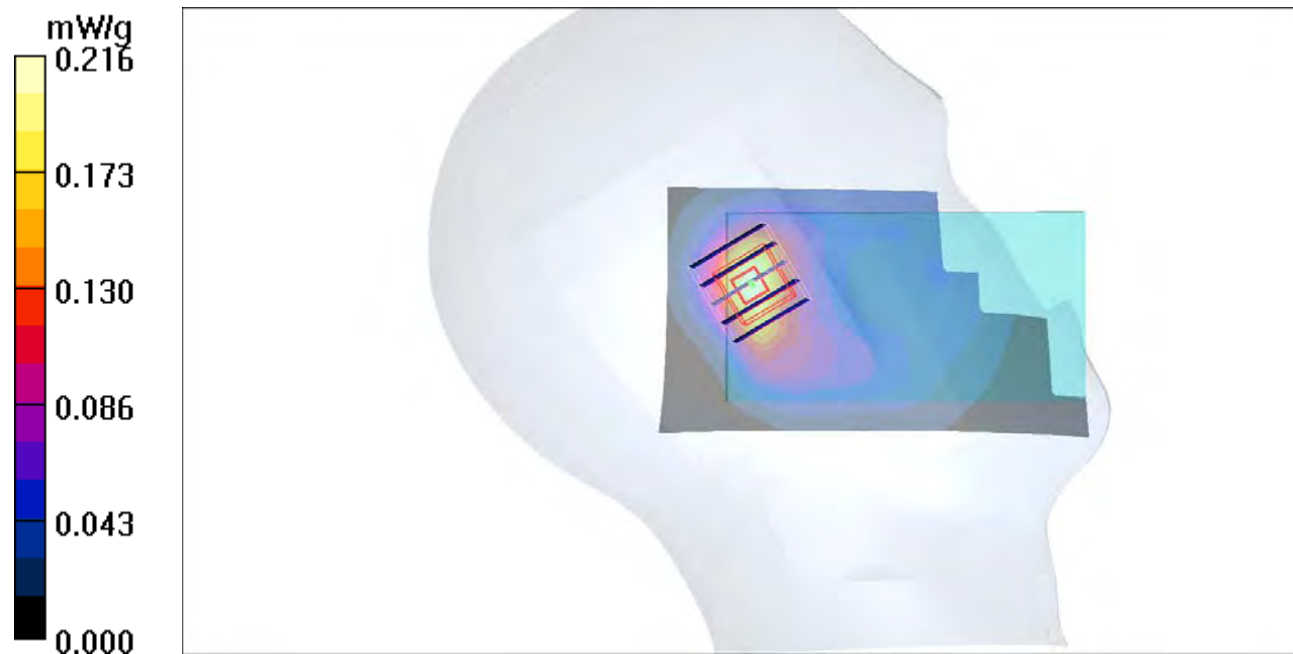
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.214 mW/g



P131 LTE Band IV_16QAM_RB1U_Right Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.750 mW/g

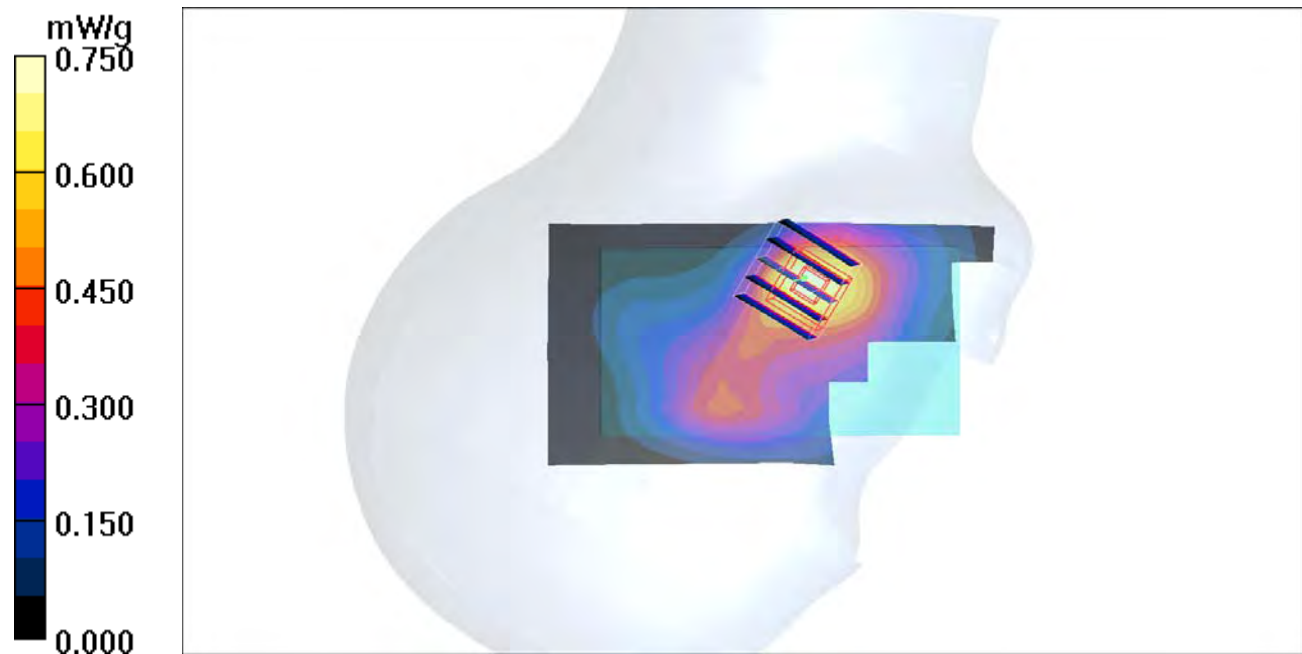
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.25 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.832 W/kg

SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 0.699 mW/g



P132 LTE Band IV_16QAM_RB1U_Right Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.279 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.286 mW/g

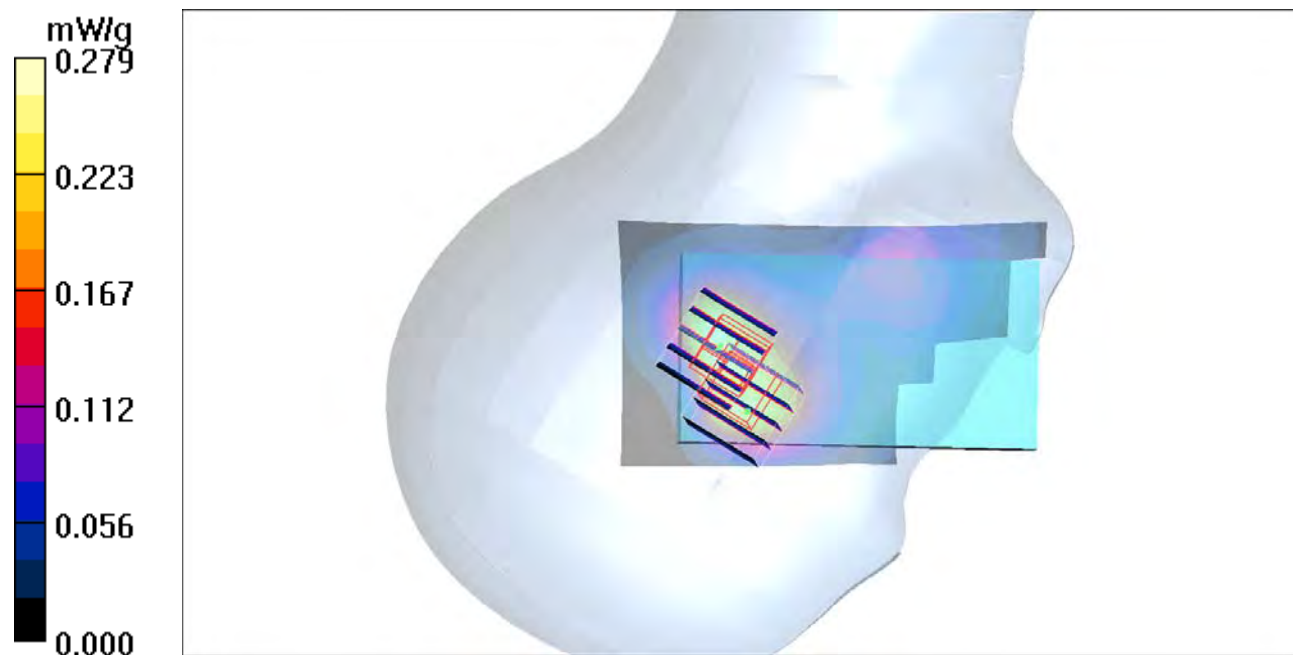
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.261 mW/g



P133 LTE Band IV_QPSK_RB1U_Left Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.392 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.07 V/m; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 0.474 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.209 mW/g

Maximum value of SAR (measured) = 0.399 mW/g

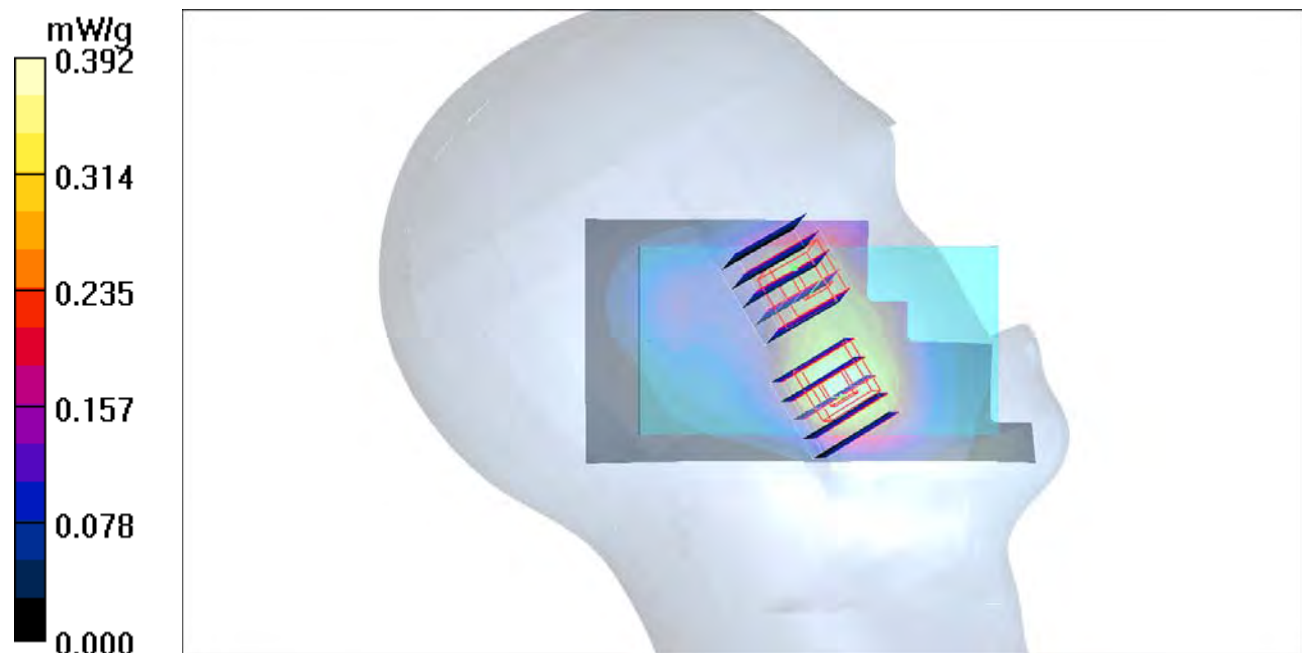
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.07 V/m; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.279 mW/g



P134 LTE Band IV_16QAM_RB1U_Left Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.401 mW/g

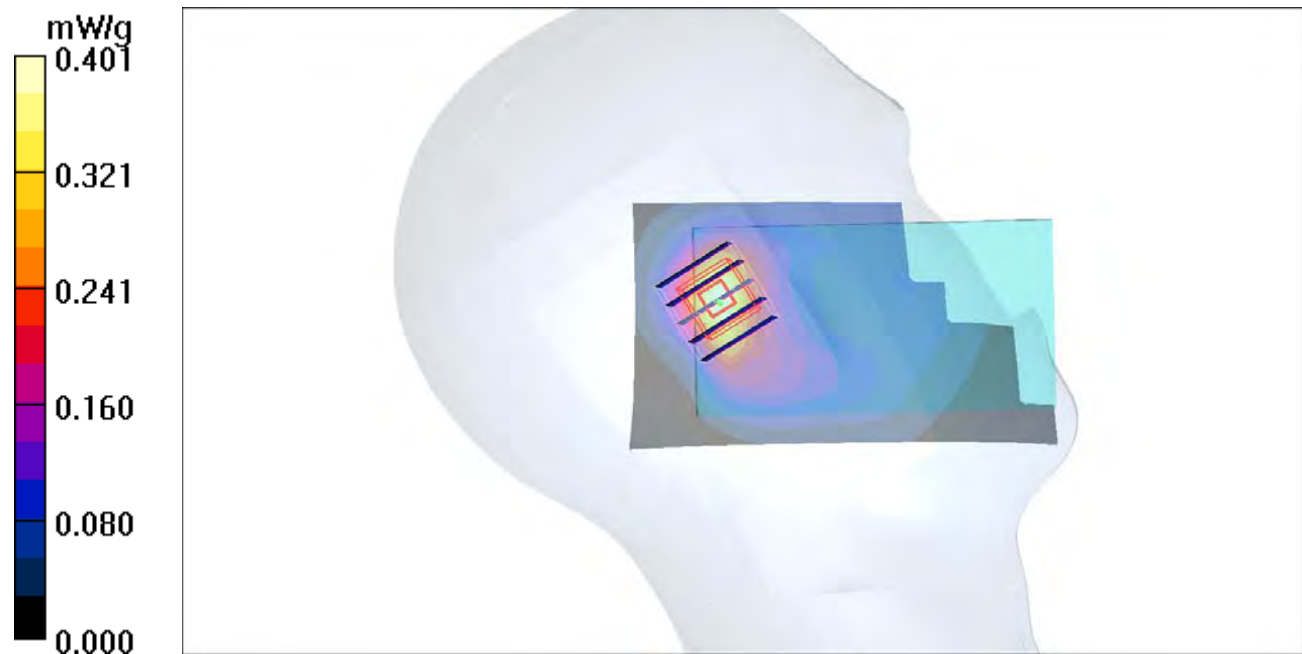
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = 0.166 dB

Peak SAR (extrapolated) = 0.469 W/kg

SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.389 mW/g



P135 LTE Band IV_16QAM_RB1L_Right Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.484 mW/g

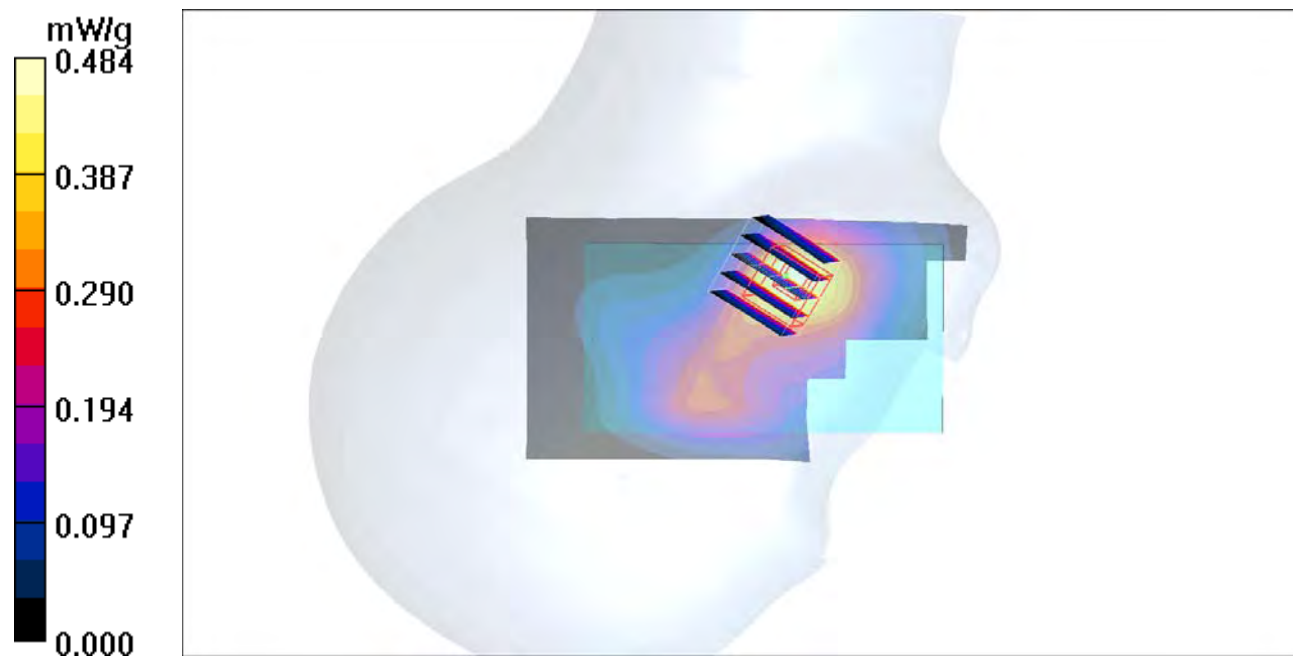
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.32 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.446 mW/g



P136 LTE Band IV_QPSK_RB1L_Right Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.210 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.95 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.208 mW/g

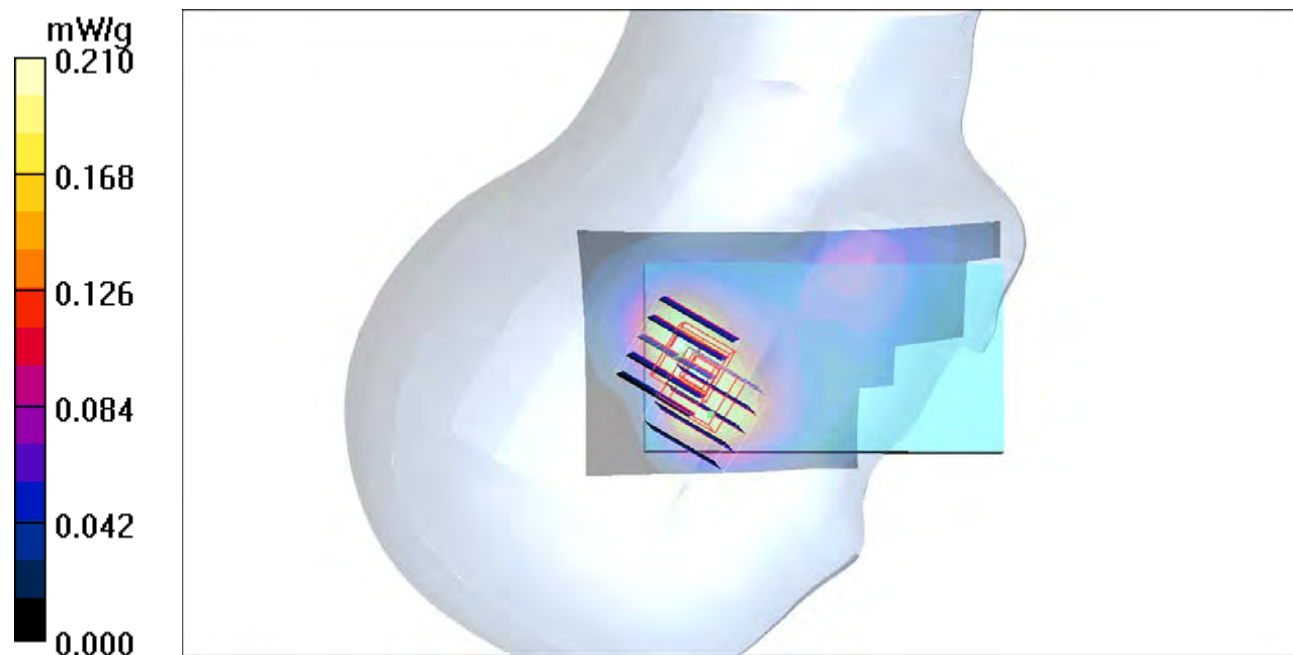
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.95 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.194 mW/g



P137 LTE Band IV_QPSK_RB1L_Left Cheek_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.314 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.10 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.317 mW/g

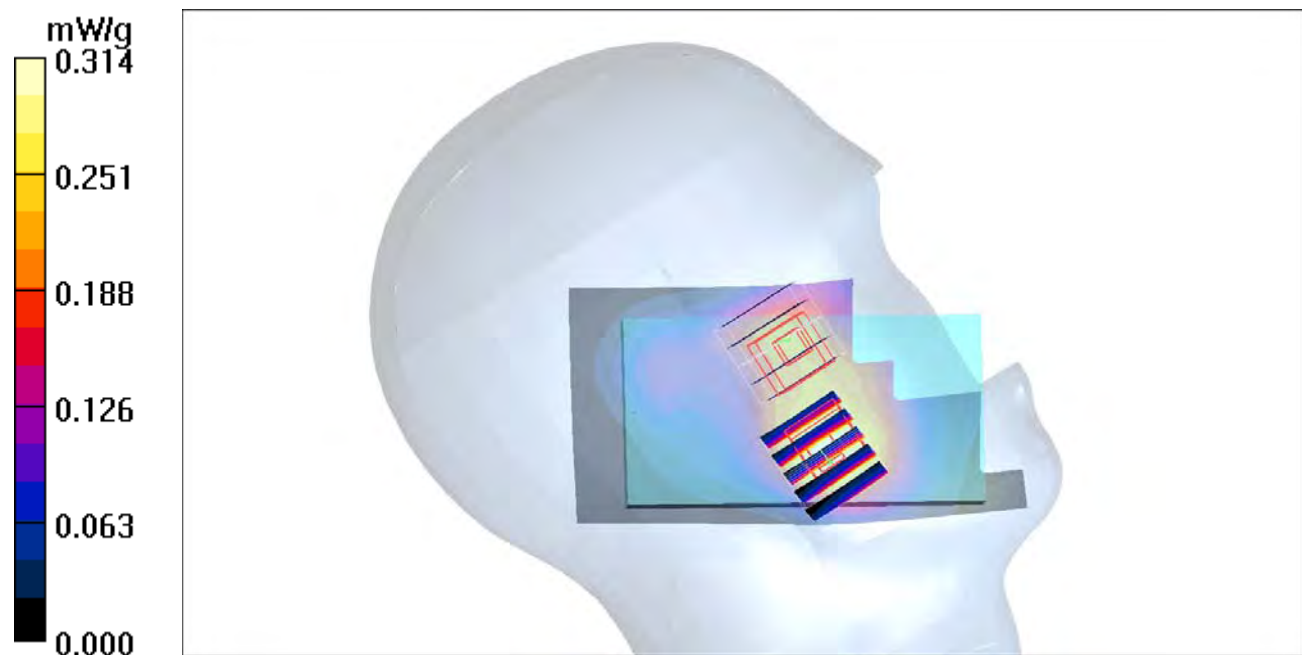
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.10 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.218 mW/g



P138 LTE Band IV_16QAM_RB1L_Left Tilted_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: HSL1800_0915 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.290 mW/g

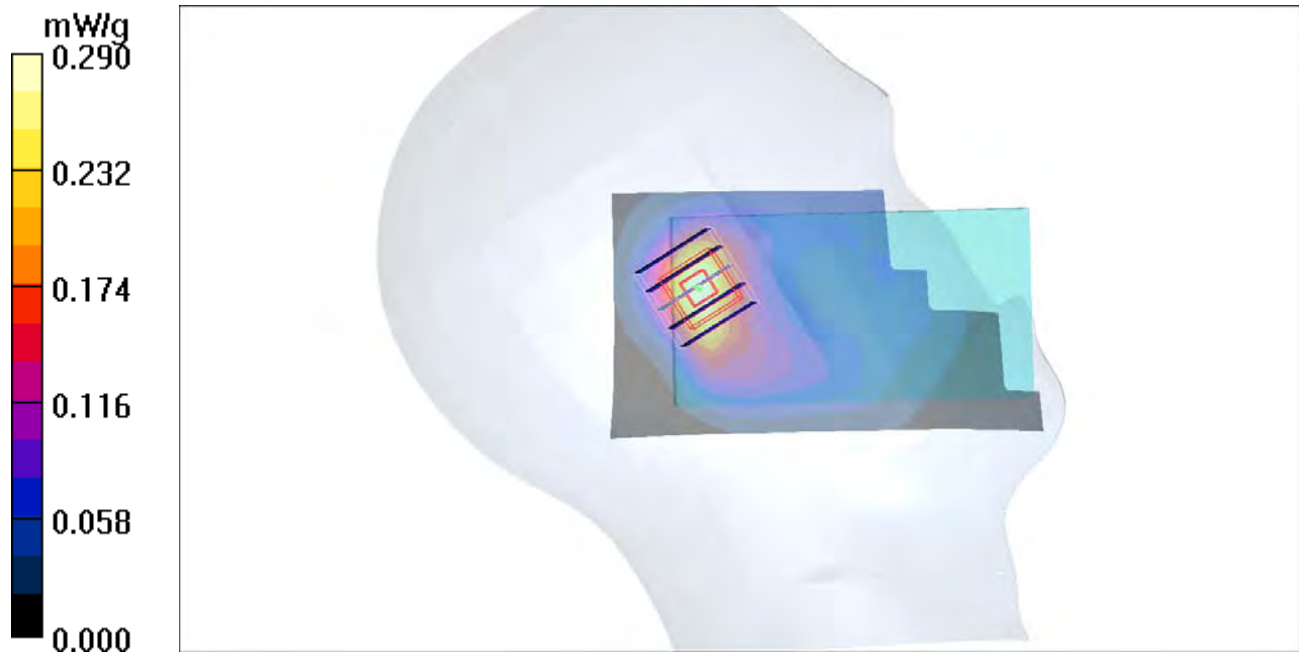
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.286 mW/g



P166 LTE Band XVII_QPSK_RB50%_Front Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE750; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750_0904 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 56.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.25, 9.25, 9.25); Calibrated: 1/24/2011
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 7/29/2011
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Configuration/Ch23800/Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.147 mW/g

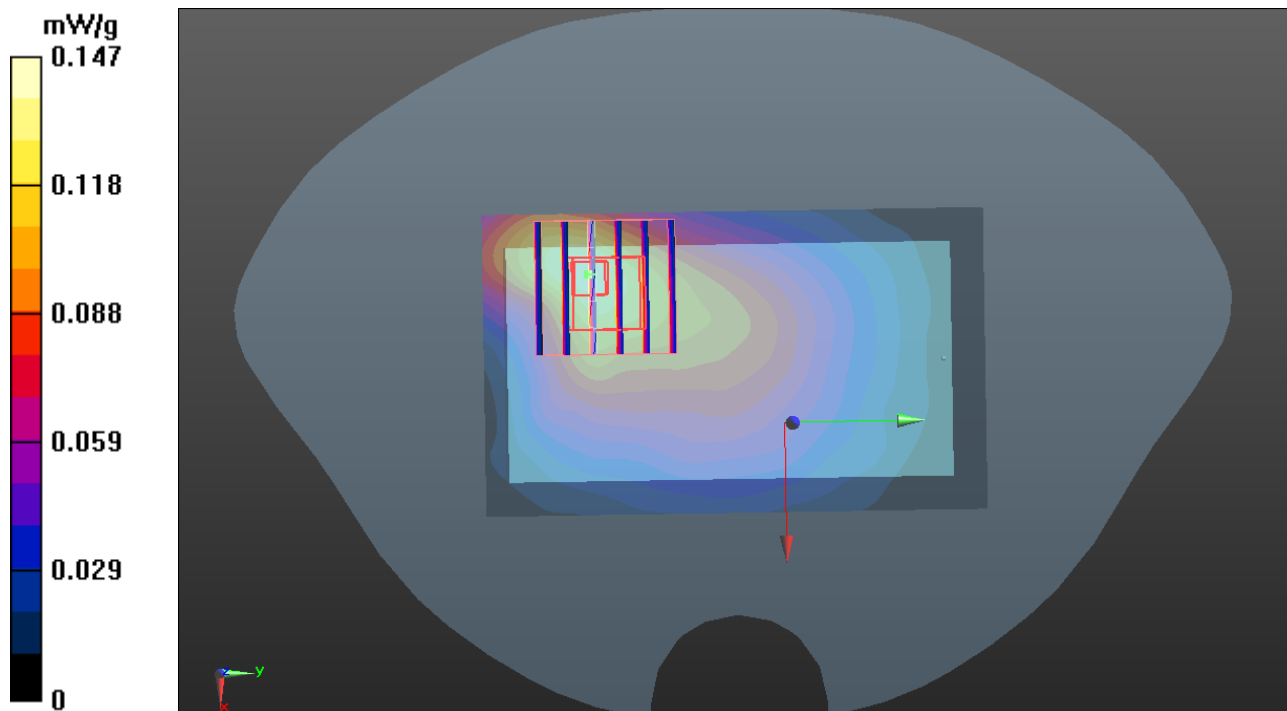
Configuration/Ch23800/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.774 V/m ; Power Drift = 0.0034 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.117 mW/g ; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.125 mW/g



P167 LTE Band XVII_QPSK_RB50%_Rear Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE750; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750_0904 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 56.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.7 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.25, 9.25, 9.25); Calibrated: 1/24/2011
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 7/29/2011
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Configuration/Ch23800/Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.351 mW/g

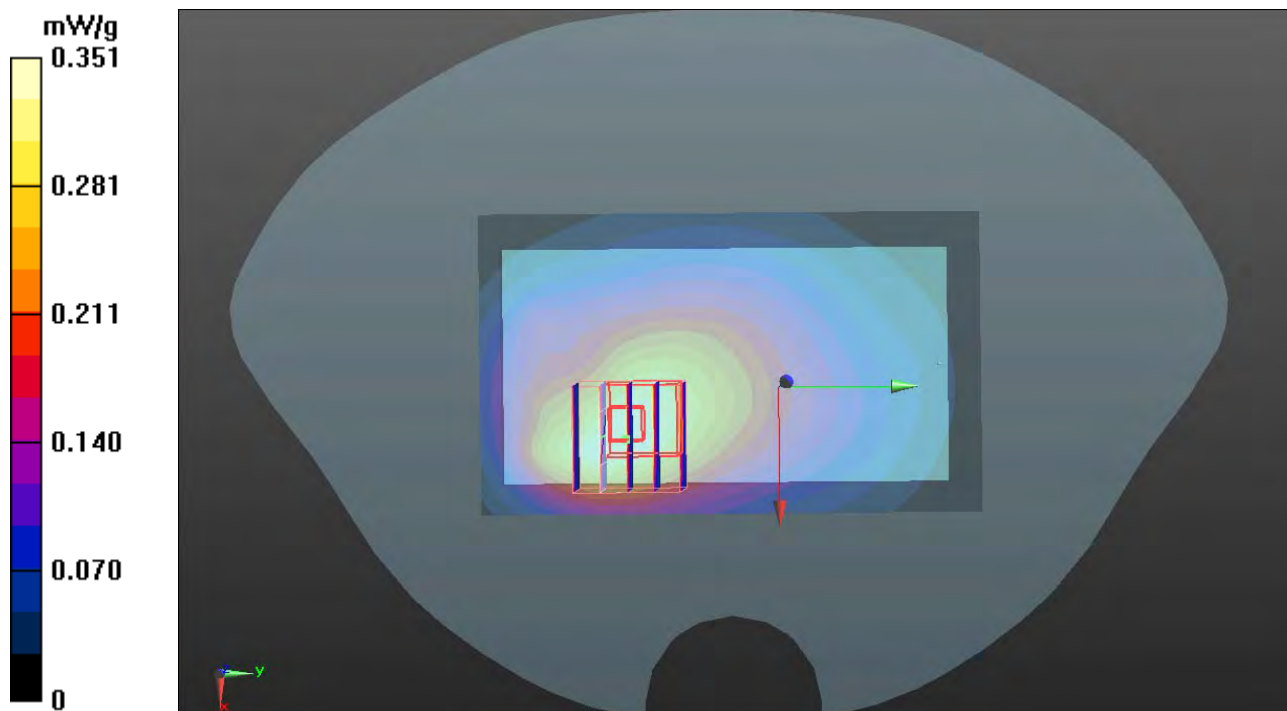
Configuration/Ch23800/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.894 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.276 mW/g ; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.339 mW/g



P168 LTE Band XVII_QPSK_RB50%_Left Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE750; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750_0904 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.965 \text{ mho/m}$; $\epsilon_r = 56.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.25, 9.25, 9.25); Calibrated: 1/24/2011
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 7/29/2011
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Configuration/Ch23800/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.106 mW/g

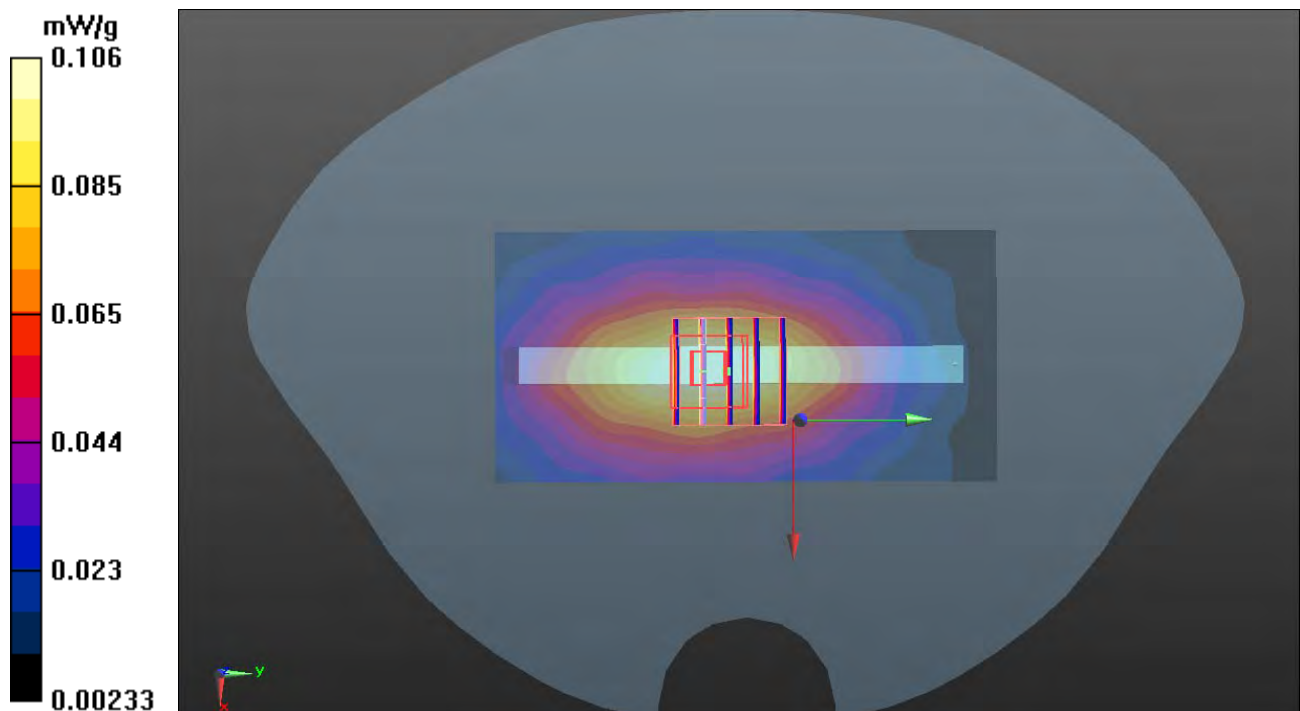
Configuration/Ch23800/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.680 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.110 mW/g



P169 LTE Band XVII _QPSK_RB50%_Right Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 ; Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.173 mW/g

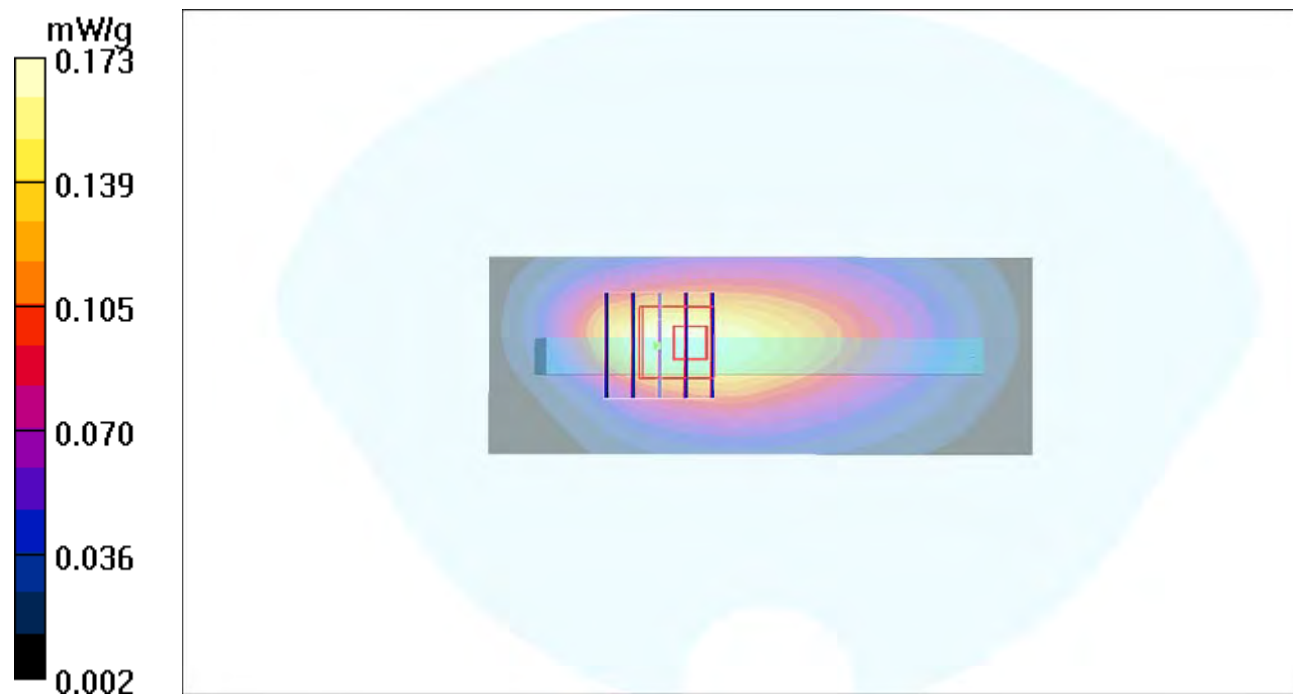
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.170 mW/g



P170 LTE Band XVII _QPSK_RB50%_Top Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 ; Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.049 mW/g

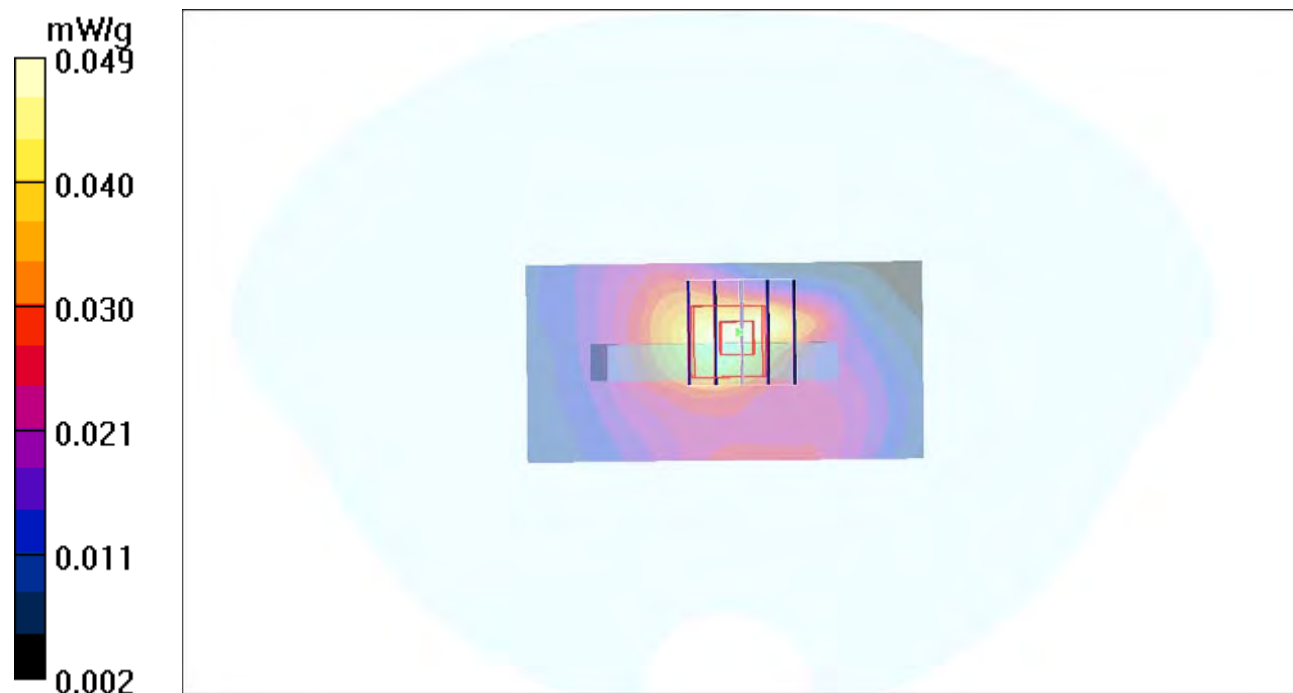
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.11 V/m ; Power Drift = 0.180 dB

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.045 mW/g ; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.063 mW/g



P171 LTE Band XVII_QPSK_RB1U_Front Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE750; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750_0904 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.965 \text{ mho/m}$; $\epsilon_r = 56.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.7 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.25, 9.25, 9.25); Calibrated: 1/24/2011

- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1277; Calibrated: 7/29/2011

- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653

- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch23800/Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.171 mW/g

Ch23800/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,

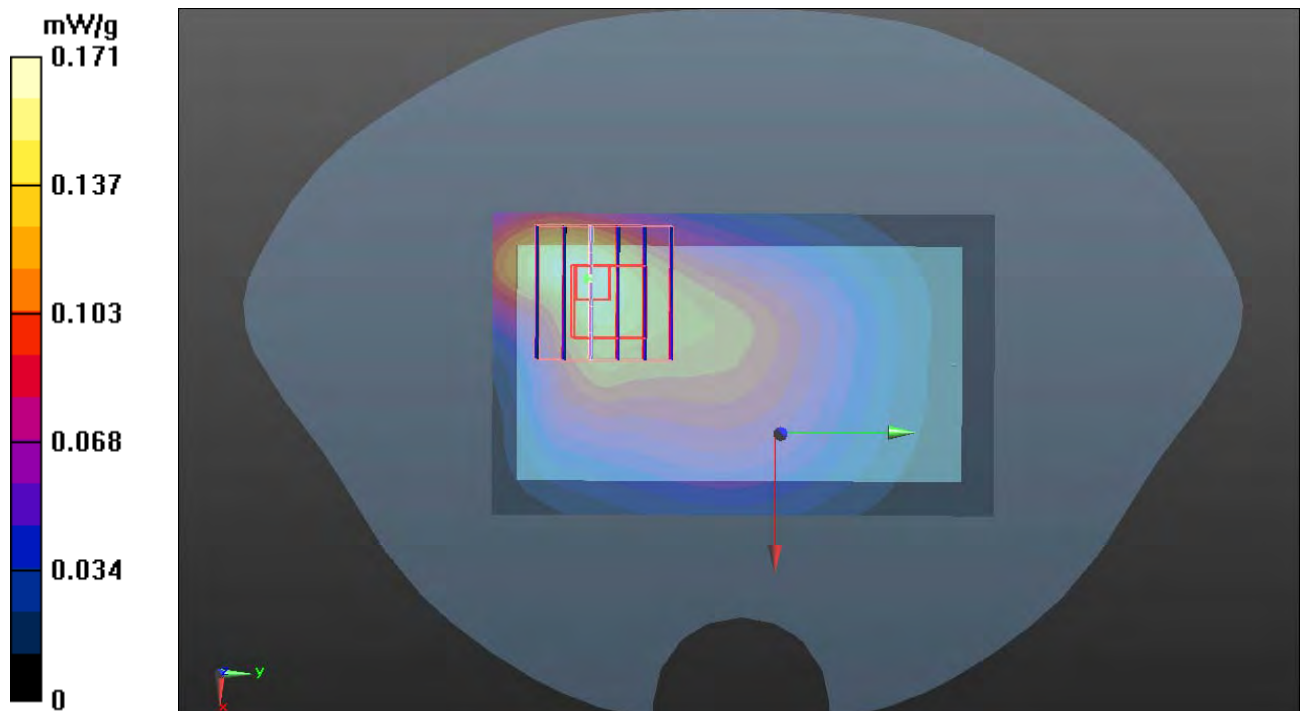
$dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.722 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.137 mW/g ; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.147 mW/g



P172 LTE Band XVII_QPSK_RB1U_Rear Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE750; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750_0904 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.965 \text{ mho/m}$; $\epsilon_r = 56.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.25, 9.25, 9.25); Calibrated: 1/24/2011
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 7/29/2011
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Configuration/Ch23800/Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.374 mW/g

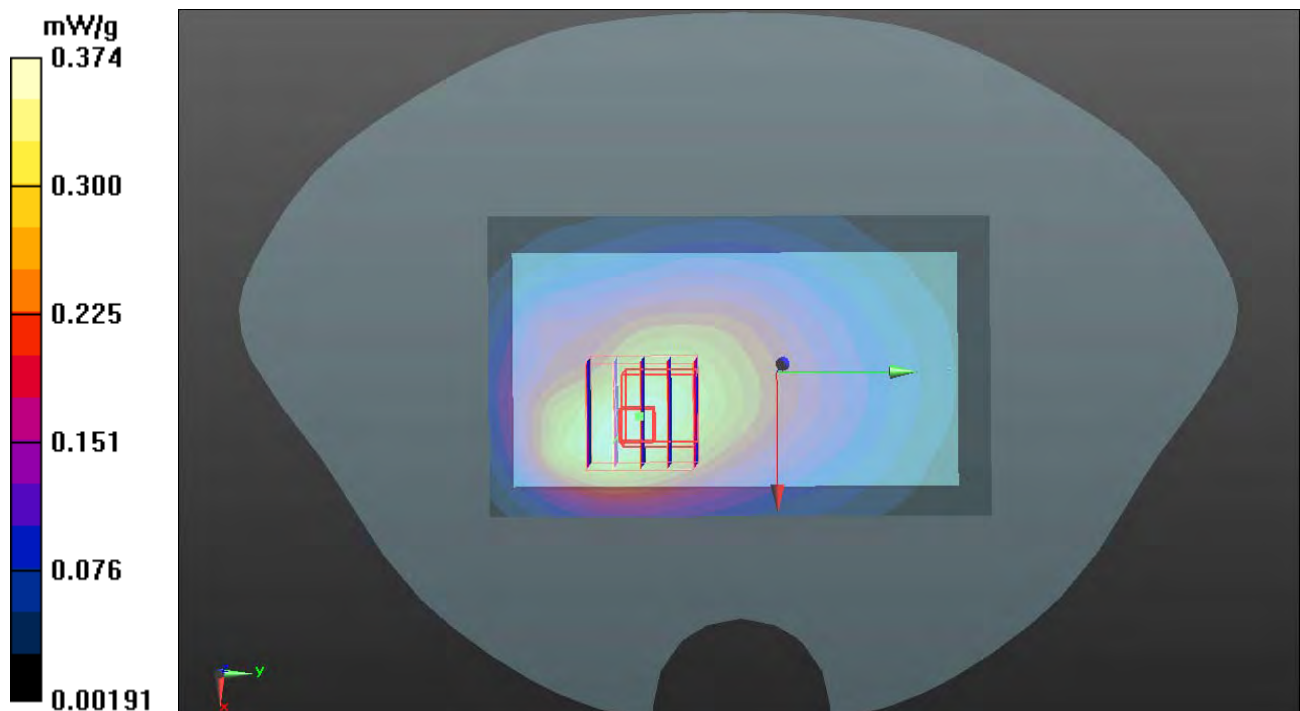
Configuration/Ch23800/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.598 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.304 mW/g ; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.367 mW/g



P173 LTE Band XVII_QPSK_RB1U_Left Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE750; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750_0904 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.965 \text{ mho/m}$; $\epsilon_r = 56.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.25, 9.25, 9.25); Calibrated: 1/24/2011
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 7/29/2011
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Configuration/Ch23800/Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.129 mW/g

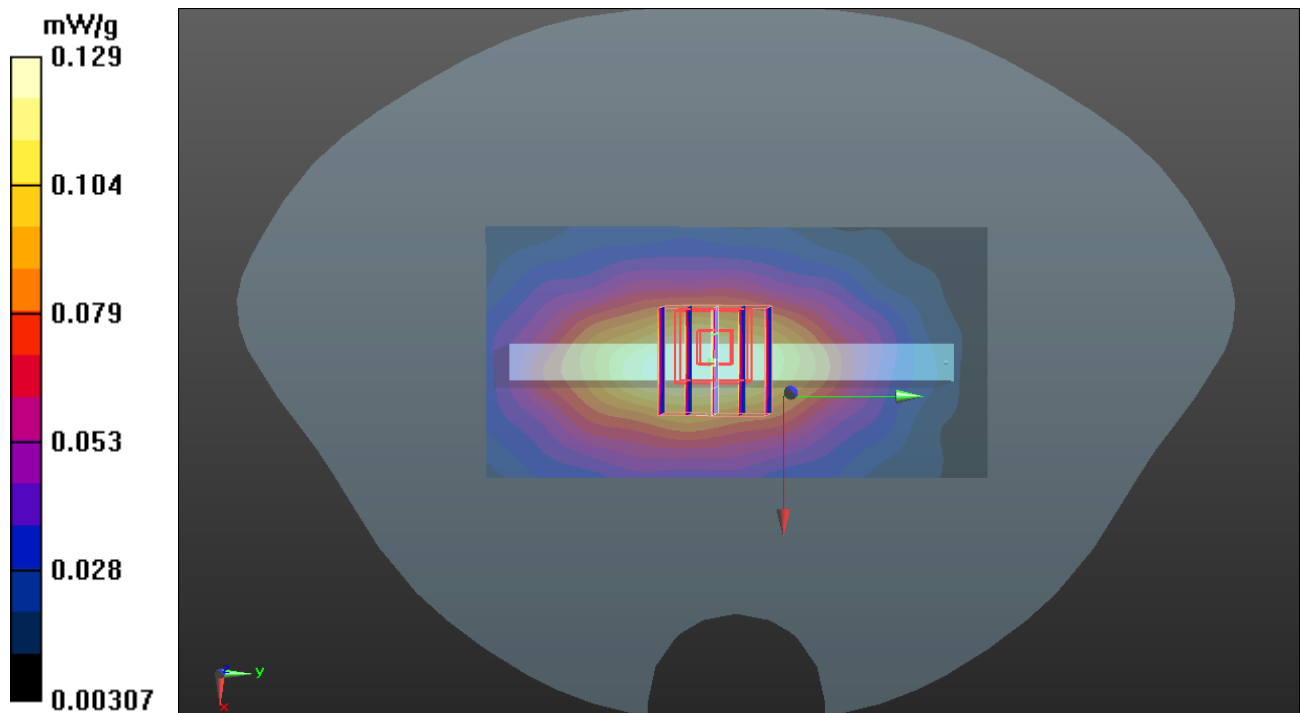
Configuration/Ch23800/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.775 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.102 mW/g ; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.123 mW/g



P174 LTE Band XVII_QPSK_RB1U_Right Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 ; Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.210 mW/g

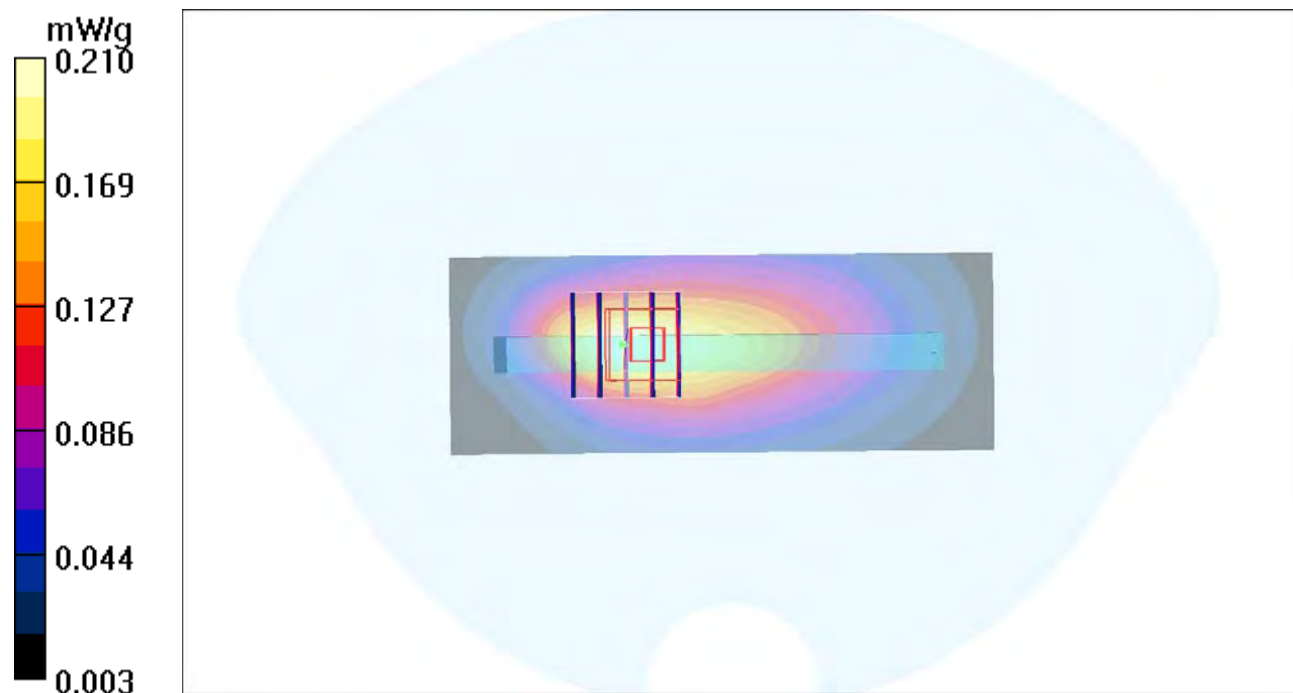
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.208 mW/g



P175 LTE Band XVII_QPSK_RB1U_Top Side_1cm_Ch23800_Sample1_Battery11

DUT: 110805C09

Communication System: LTE band17 ; Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.057 mW/g

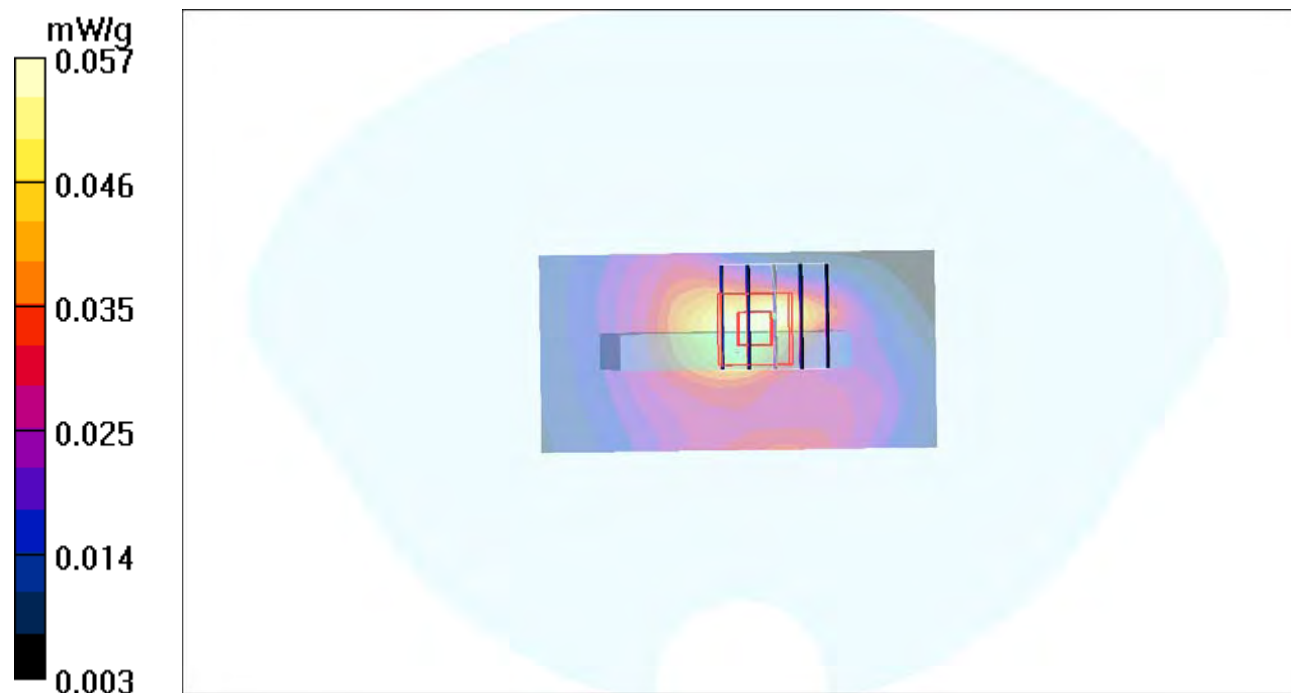
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.57 V/m ; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.053 mW/g ; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.067 mW/g



P176 LTE Band XVII_QPSK_RB1L_Front Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE750; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750_0904 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.965 \text{ mho/m}$; $\epsilon_r = 56.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.25, 9.25, 9.25); Calibrated: 1/24/2011

- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1277; Calibrated: 7/29/2011

- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653

- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch23800/Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.170 mW/g

Ch23800/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,

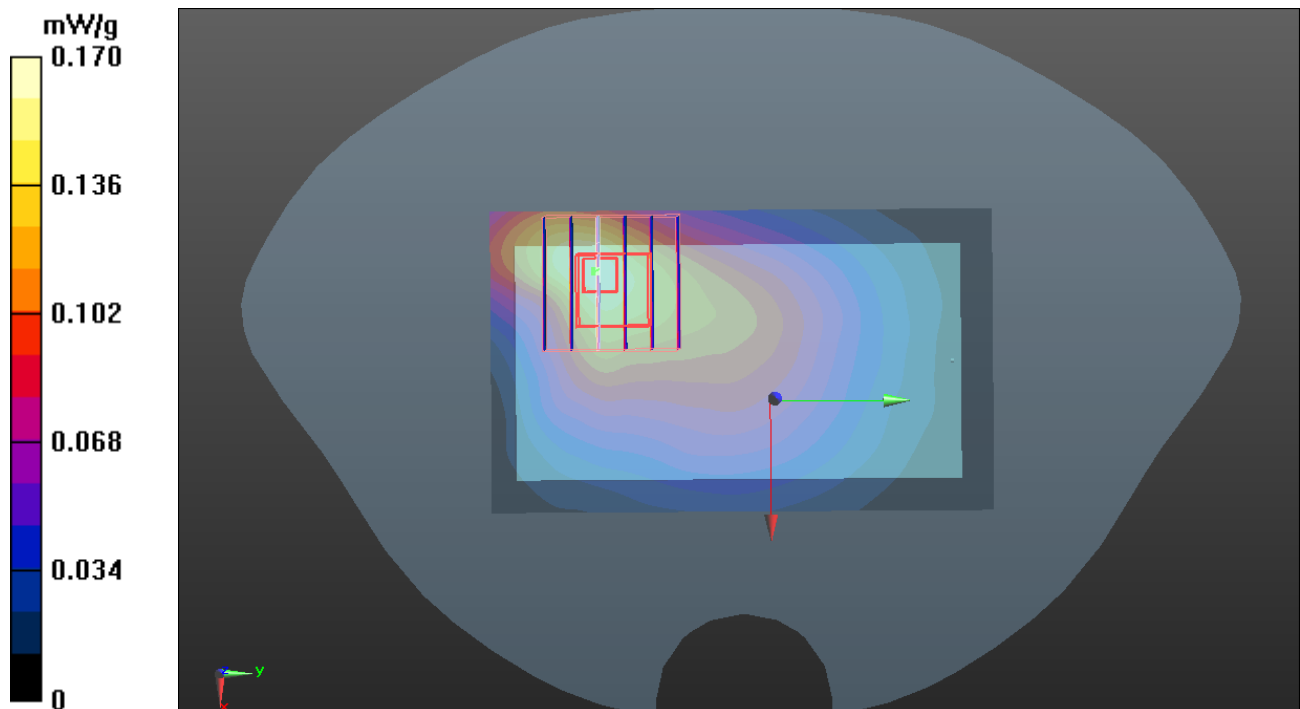
$dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.512 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.143 mW/g



P177 LTE Band XVII_QPSK_RB1L_Rear Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE750; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750_0904 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.965 \text{ mho/m}$; $\epsilon_r = 56.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.25, 9.25, 9.25); Calibrated: 1/24/2011
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 7/29/2011
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch23800/Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.423 mW/g

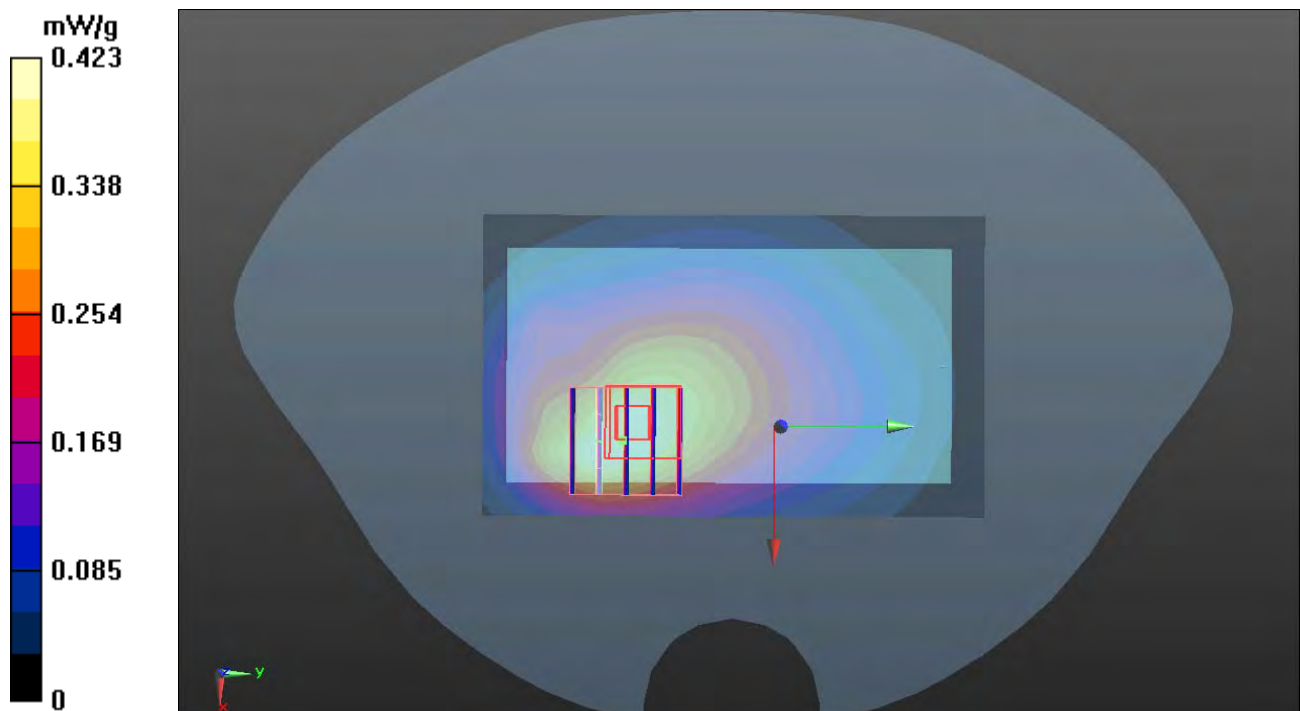
Ch23800/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.176 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.347 mW/g ; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.419 mW/g



P178 LTE Band XVII_QPSK_RB1L_Left Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE750; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750_0904 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.965 \text{ mho/m}$; $\epsilon_r = 56.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.25, 9.25, 9.25); Calibrated: 1/24/2011
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 7/29/2011
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Configuration/Ch23800/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.123 mW/g

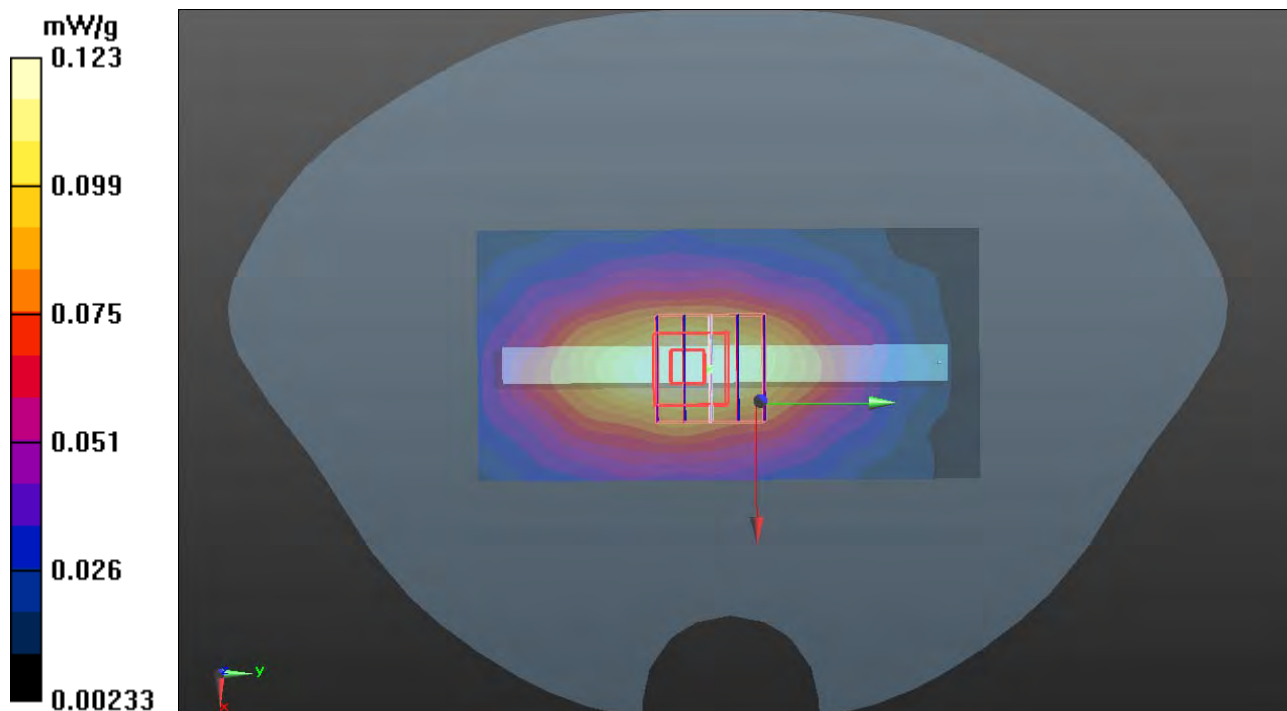
Configuration/Ch23800/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.589 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.124 mW/g



P179 LTE Band XVII_QPSK_RB1L_Right Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 ; Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (41x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.206 mW/g

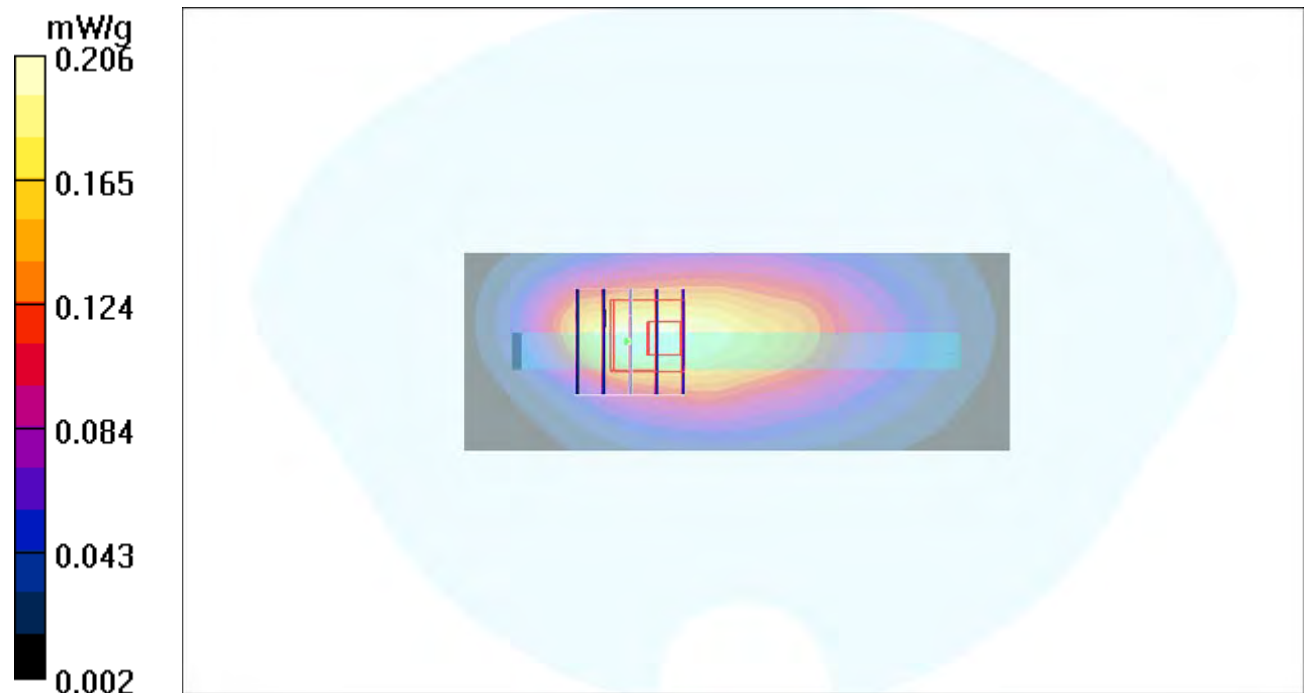
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.6 V/m ; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.165 mW/g ; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.209 mW/g



P180 LTE Band XVII_QPSK_RB1L_Top Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17; Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.062 mW/g

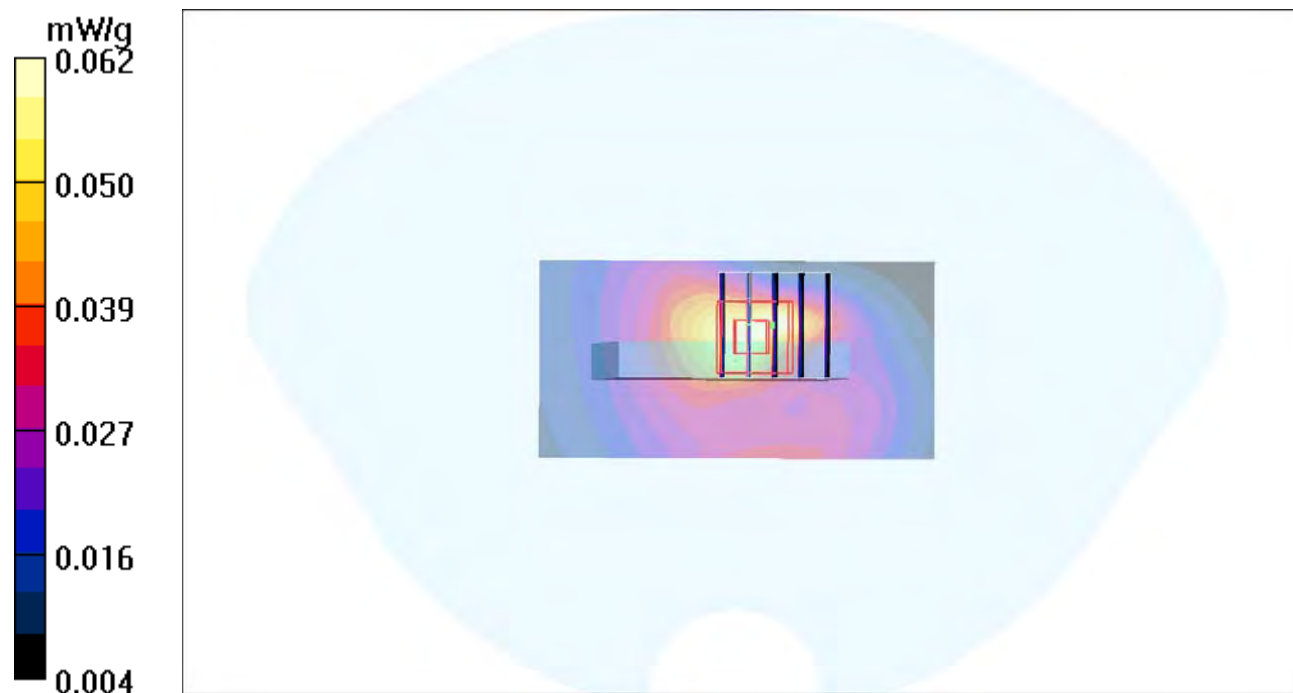
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.66 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.074 mW/g



P208 LTE Band XVII_QPSK_RB1L_Rear Face_1cm_Ch23800_Sample1

_Battery1_Earphone1

DUT: 110805C09

Communication System: LTE band13 (750); Frequency: 711 MHz;Duty Cycle: 1:1
Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.481 mW/g

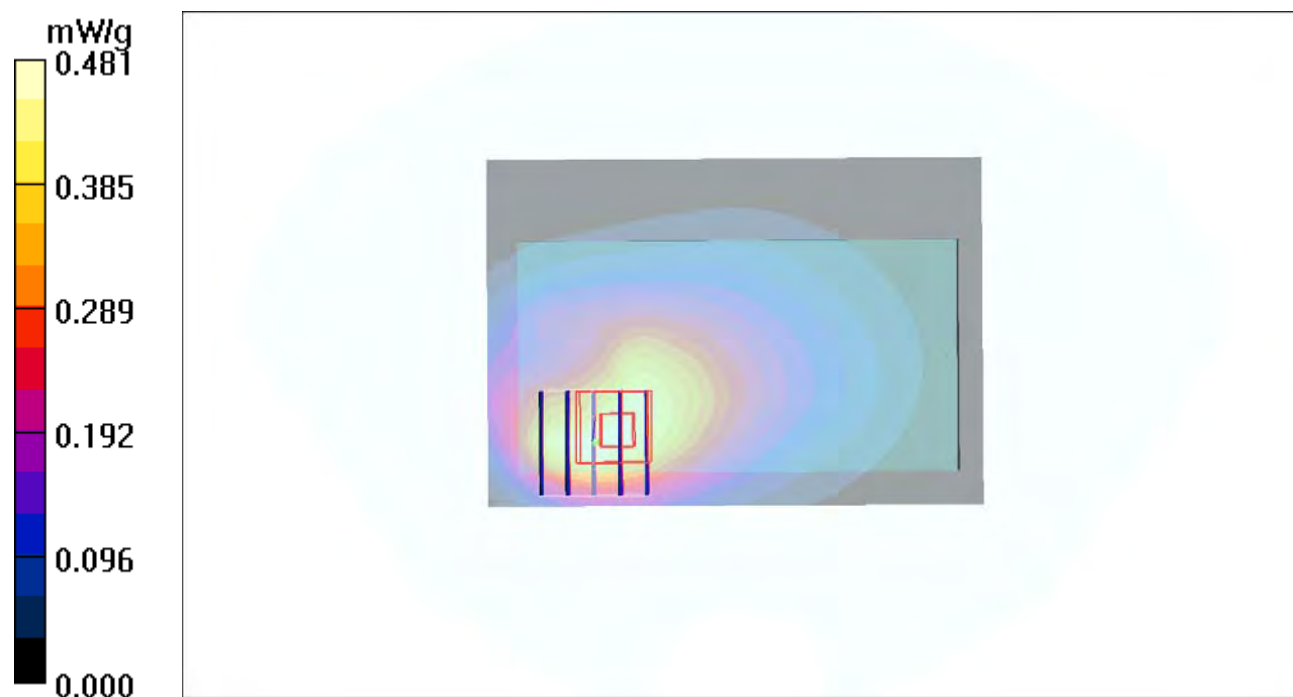
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.6 V/m ; Power Drift = -0.012 dB

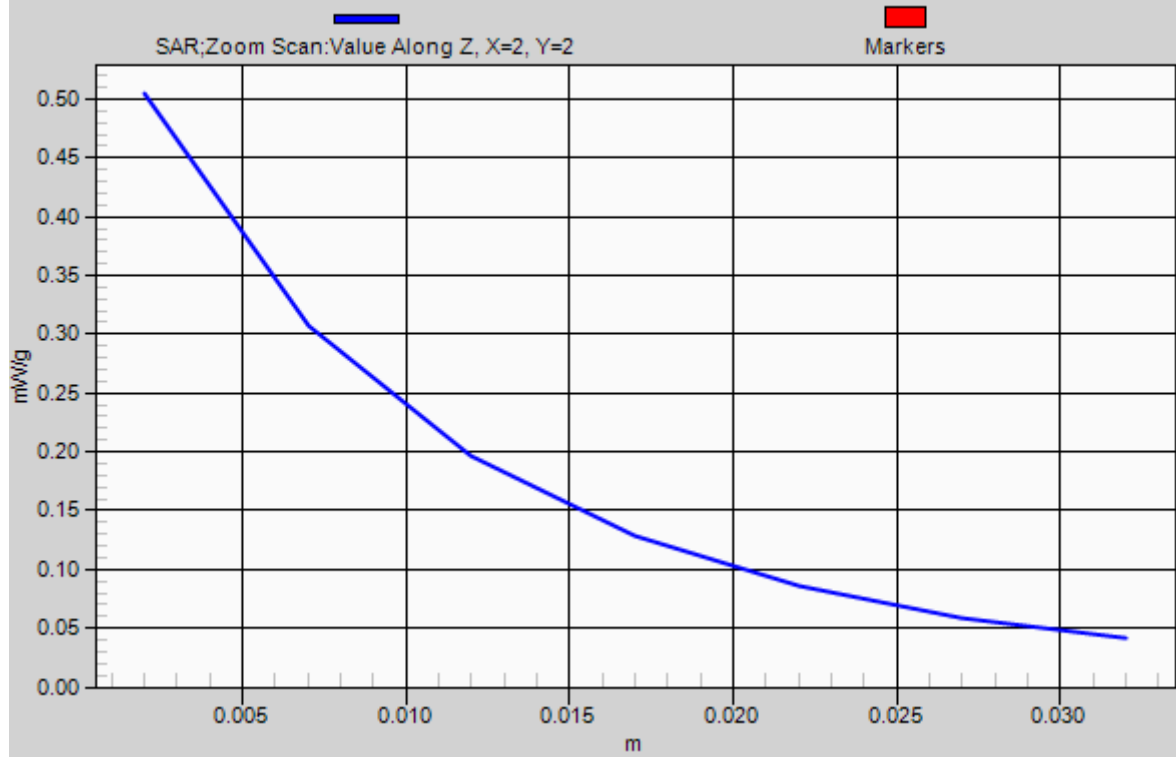
Peak SAR (extrapolated) = 0.628 W/kg

SAR(1 g) = 0.389 mW/g ; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.504 mW/g



1g/10g Averaged SAR



P214 LTE Band XVII_QPSK_RB1L_Rear Face_1cm_Ch23800_Sample1 _Battery2_Earphone1

DUT: 110805C09

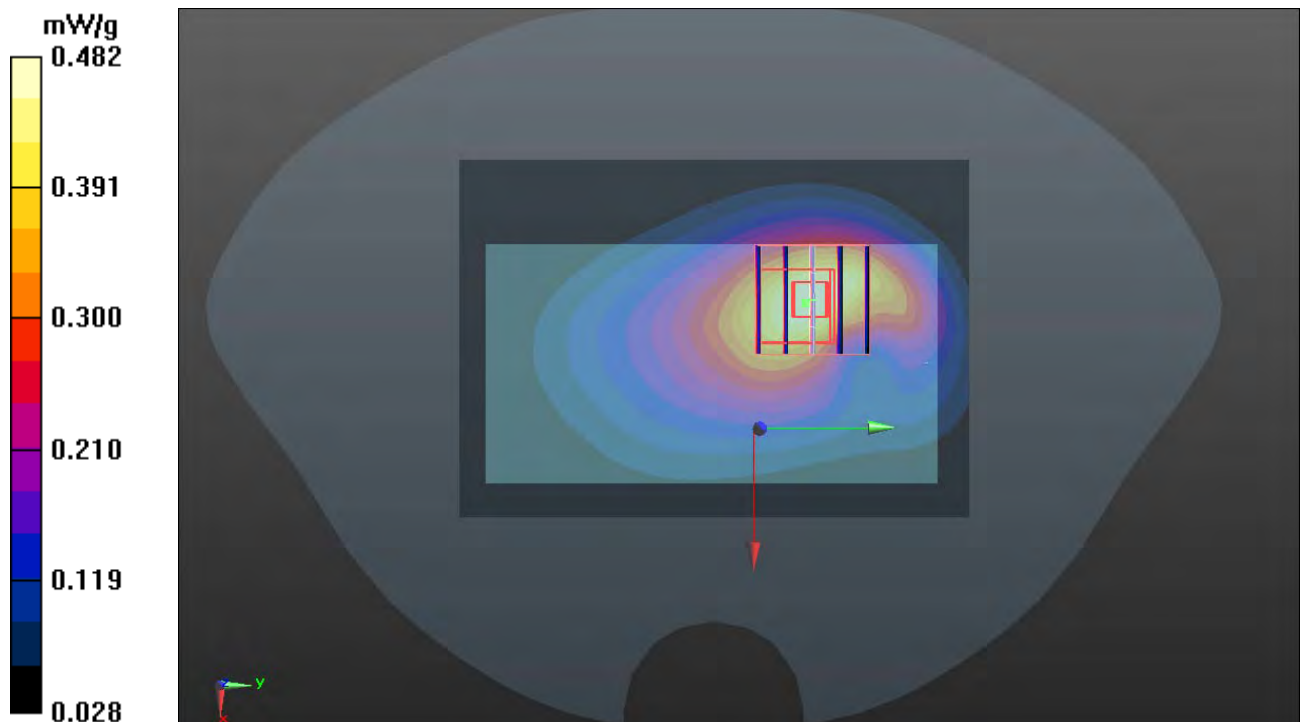
Communication System: LTE band13 (750); Frequency: 711 MHz; Duty Cycle: 1:1
 Medium: MSL750_0922 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.78$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/8/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch23800/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.479 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 16.496 V/m ; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 0.593 W/kg
SAR(1 g) = 0.383 mW/g ; SAR(10 g) = 0.256 mW/g
 Maximum value of SAR (measured) = 0.482 mW/g



P216 LTE Band XVII_QPSK_RB1L_Rear Face_1cm_Ch23800_Sample2_Battery1_Earphone1

DUT: 110805C09

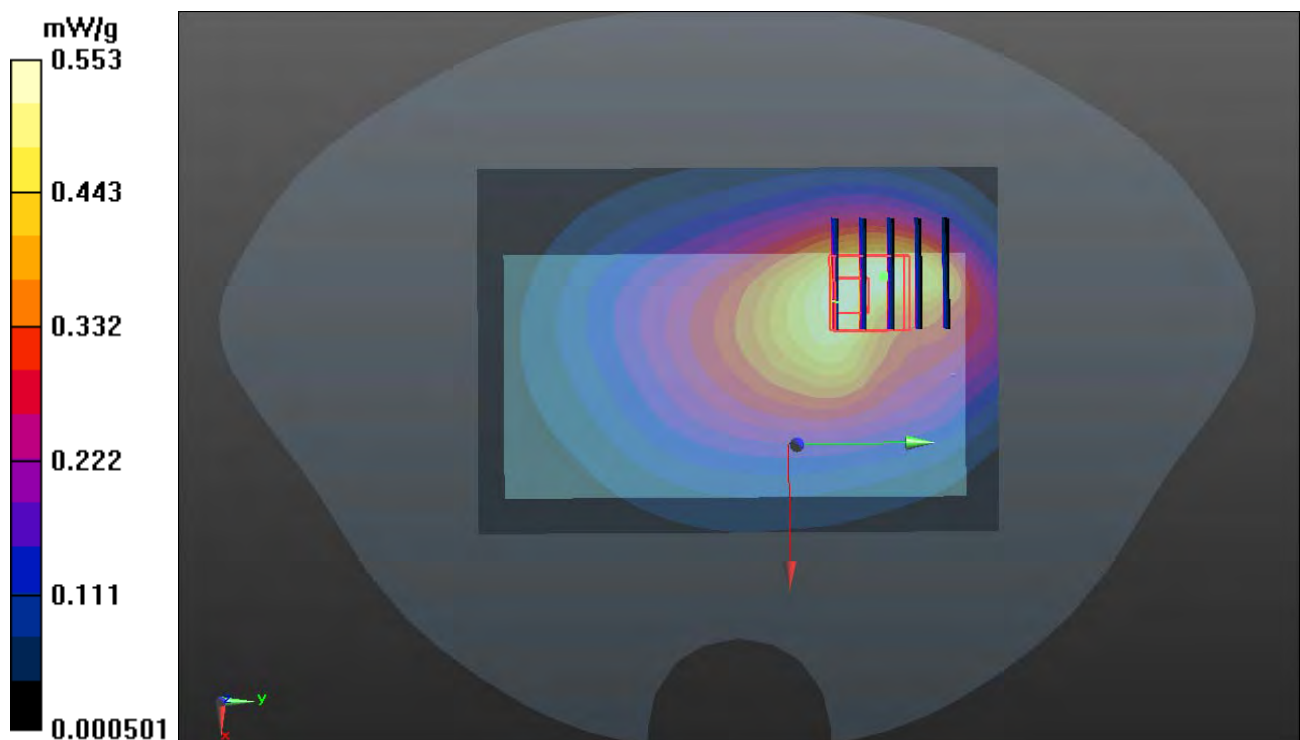
Communication System: LTE Band13 (750); Frequency: 711 MHz;Duty Cycle: 1:1
 Medium: MSL750_0929 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.78$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/7/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch23800/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.553 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 18.478 V/m ; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 0.550 W/kg
SAR(1 g) = 0.339 mW/g ; SAR(10 g) = 0.197 mW/g
 Maximum value of SAR (measured) = 0.451 mW/g



P193 LTE Band XVII_16QAM_RB50%_Front Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 ; Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.206 mW/g

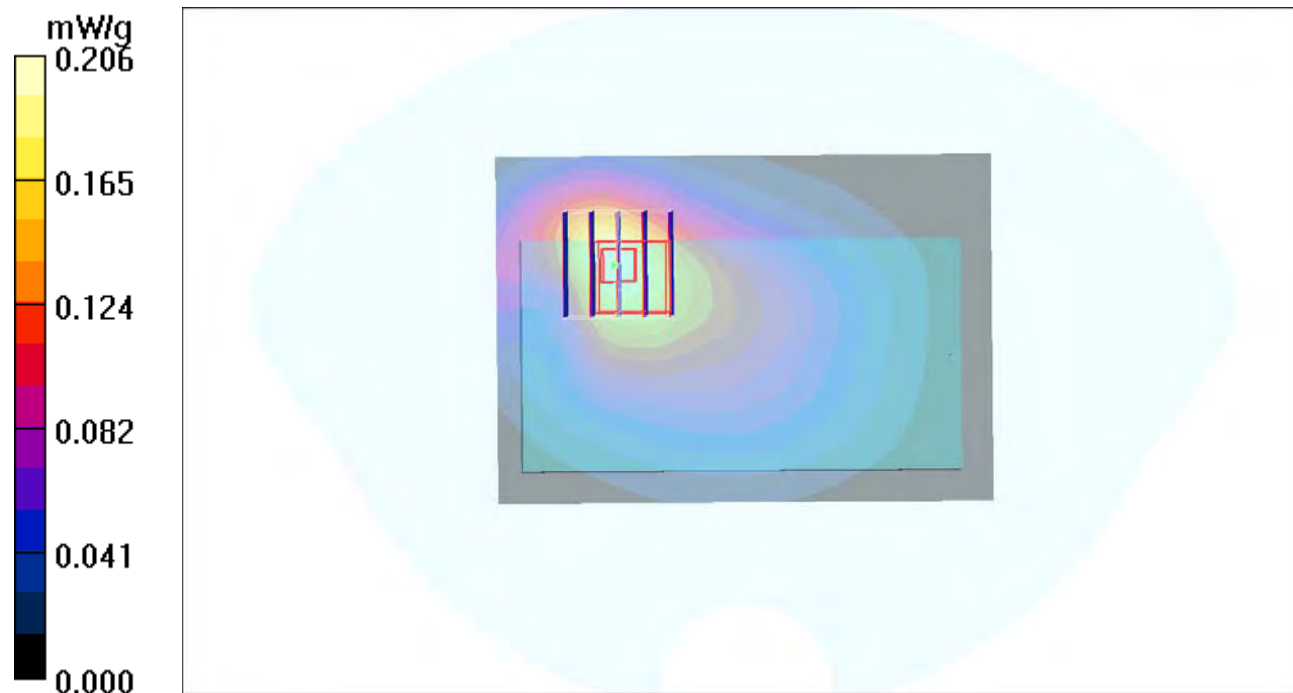
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.2 V/m ; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.163 mW/g ; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.201 mW/g



P194 LTE Band XVII_16QAM_RB50%_Rear Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band13 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.331 mW/g

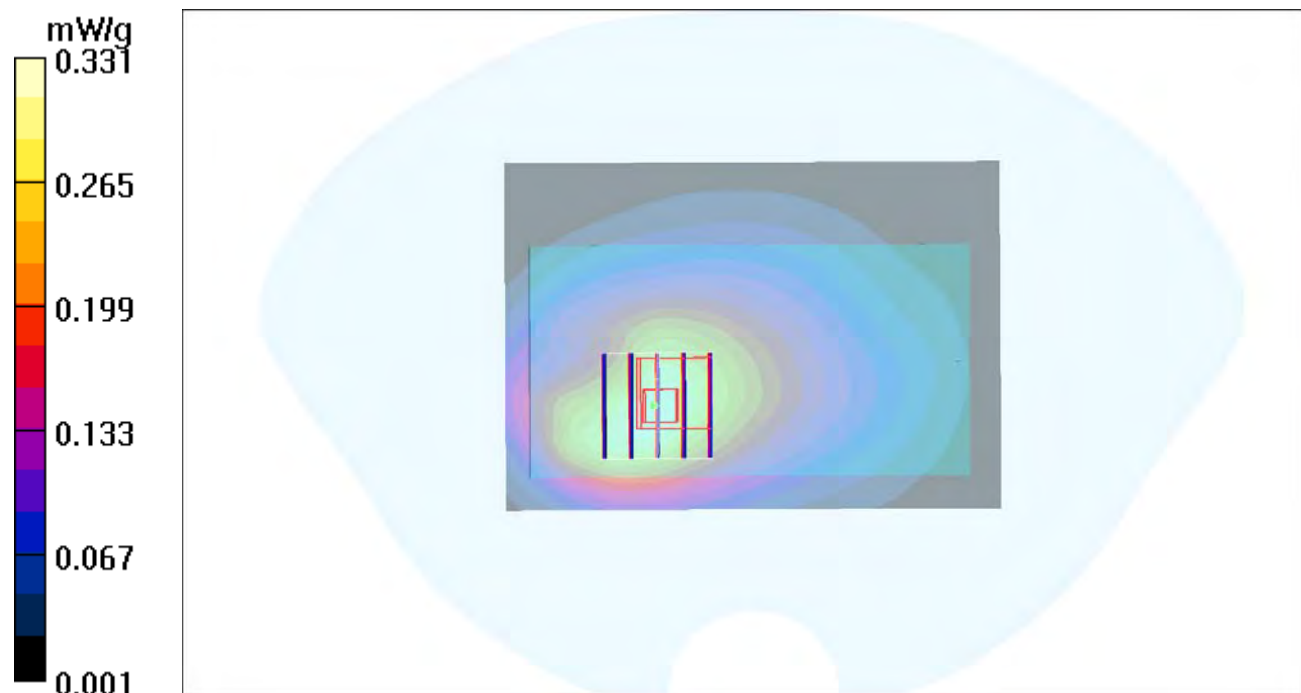
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.0 V/m ; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.268 mW/g ; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.325 mW/g



P195 LTE Band XVII_16QAM_RB50%_Left Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.101 mW/g

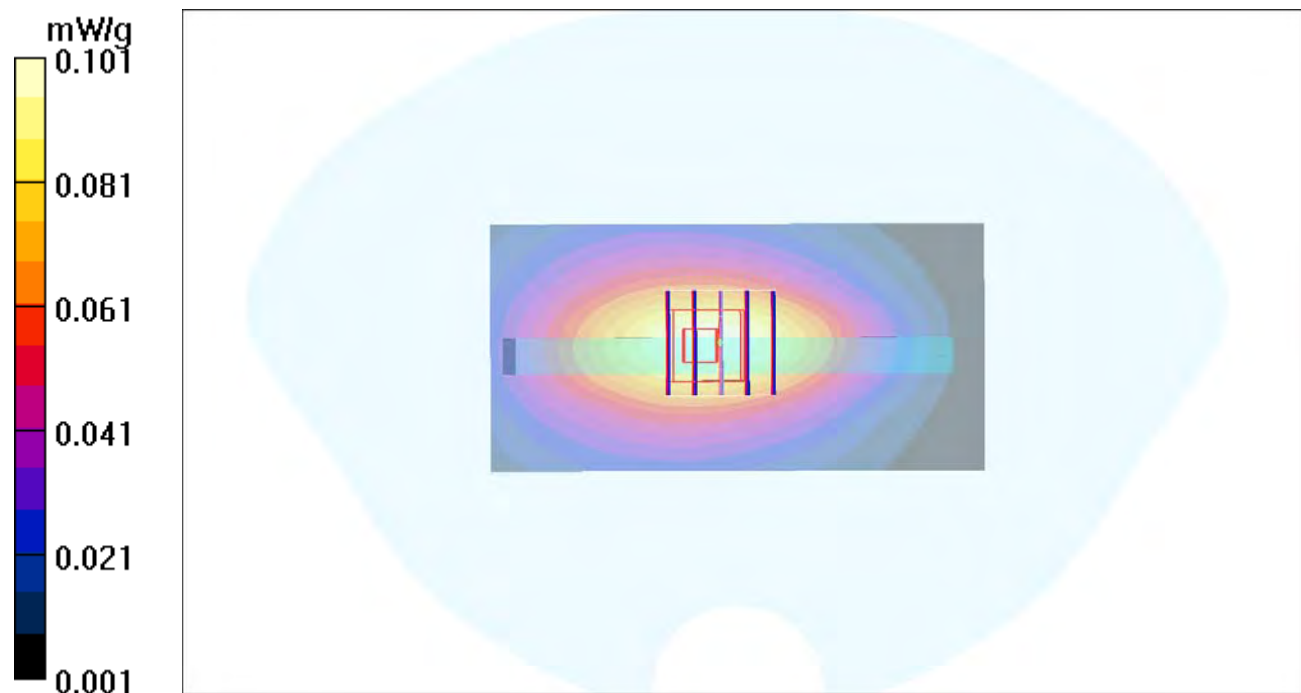
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.3 V/m ; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.084 mW/g ; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.101 mW/g



P196 LTE Band XVII_16QAM_RB50%_Left Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.178 mW/g

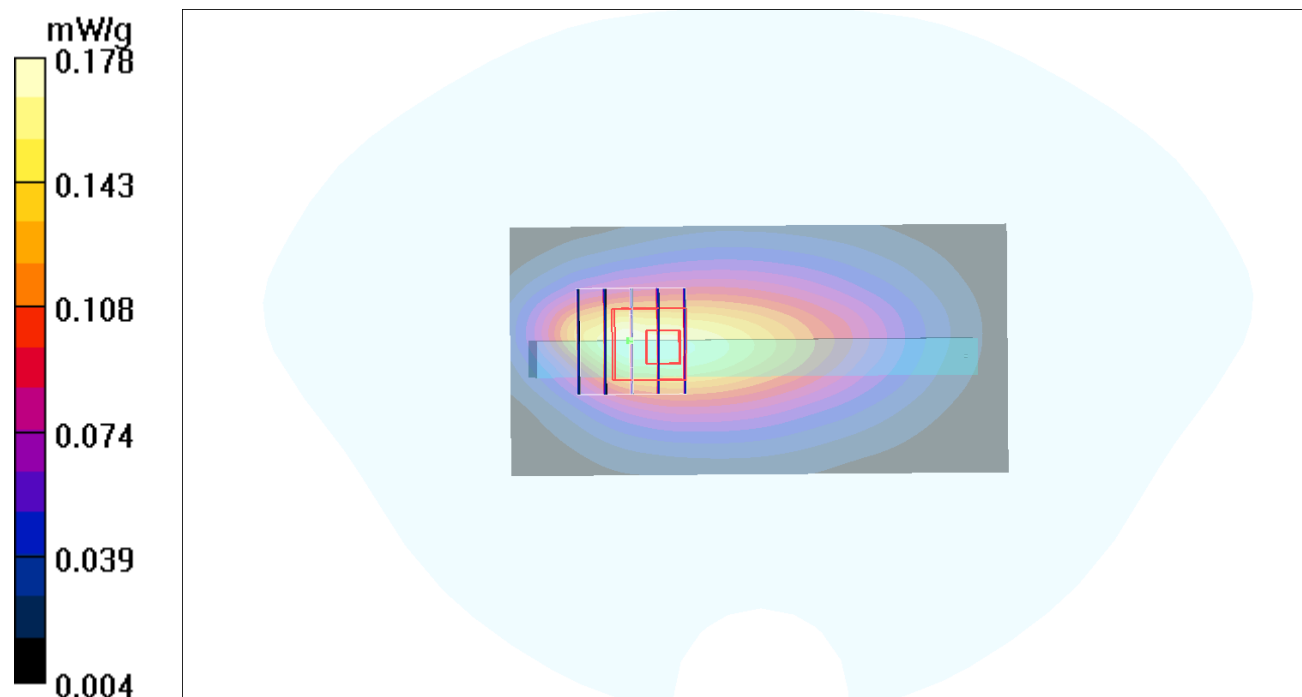
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.4 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.173 mW/g



P197 LTE Band XVII_16QAM_RB50%_Top Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.053 mW/g

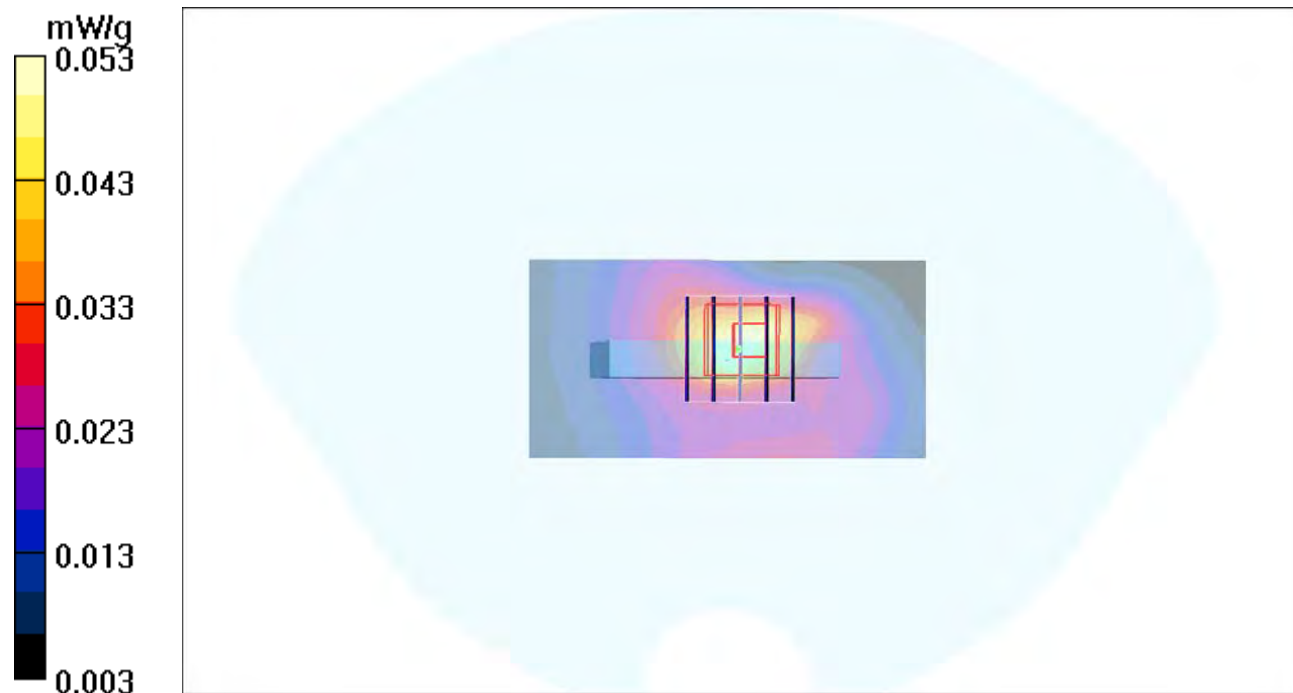
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.63 V/m; Power Drift = 0.117 dB

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.065 mW/g



P198 LTE Band XVII_16QAM_RB1U_Front Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band14 ; Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.237 mW/g

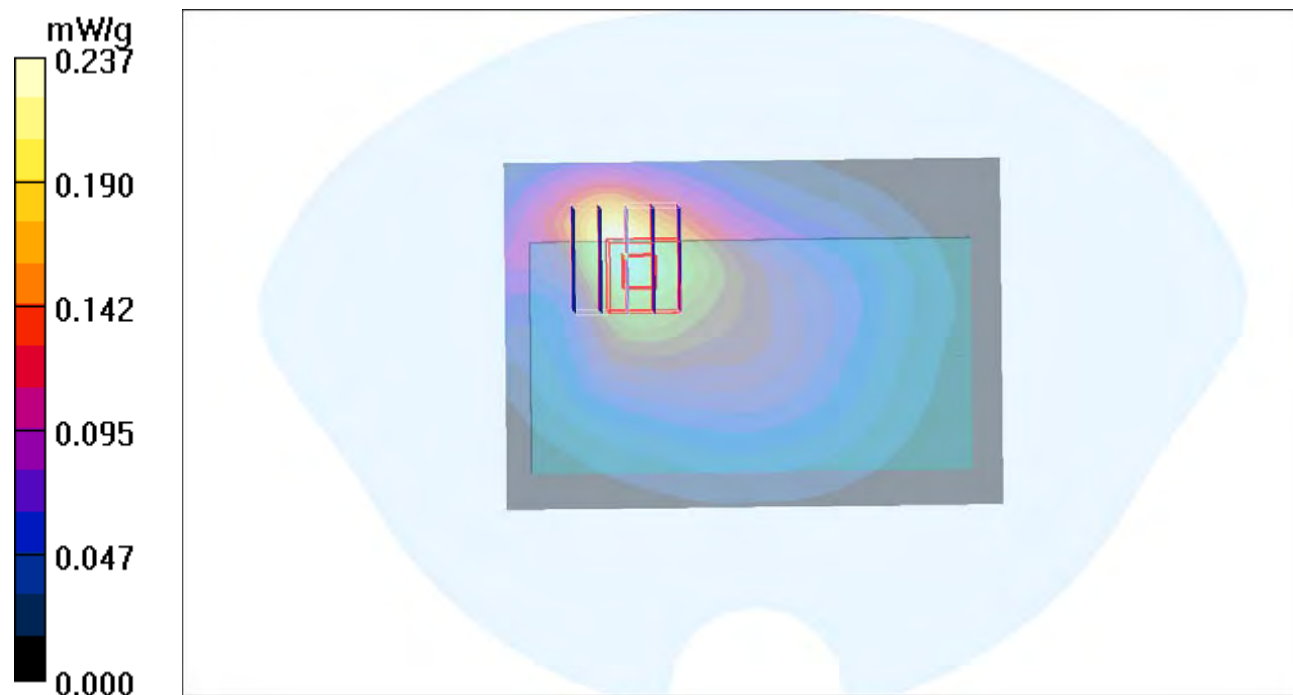
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.1 V/m ; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.182 mW/g ; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.219 mW/g



P199 LTE Band XVII_16QAM_RB1U_Rear Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.386 mW/g

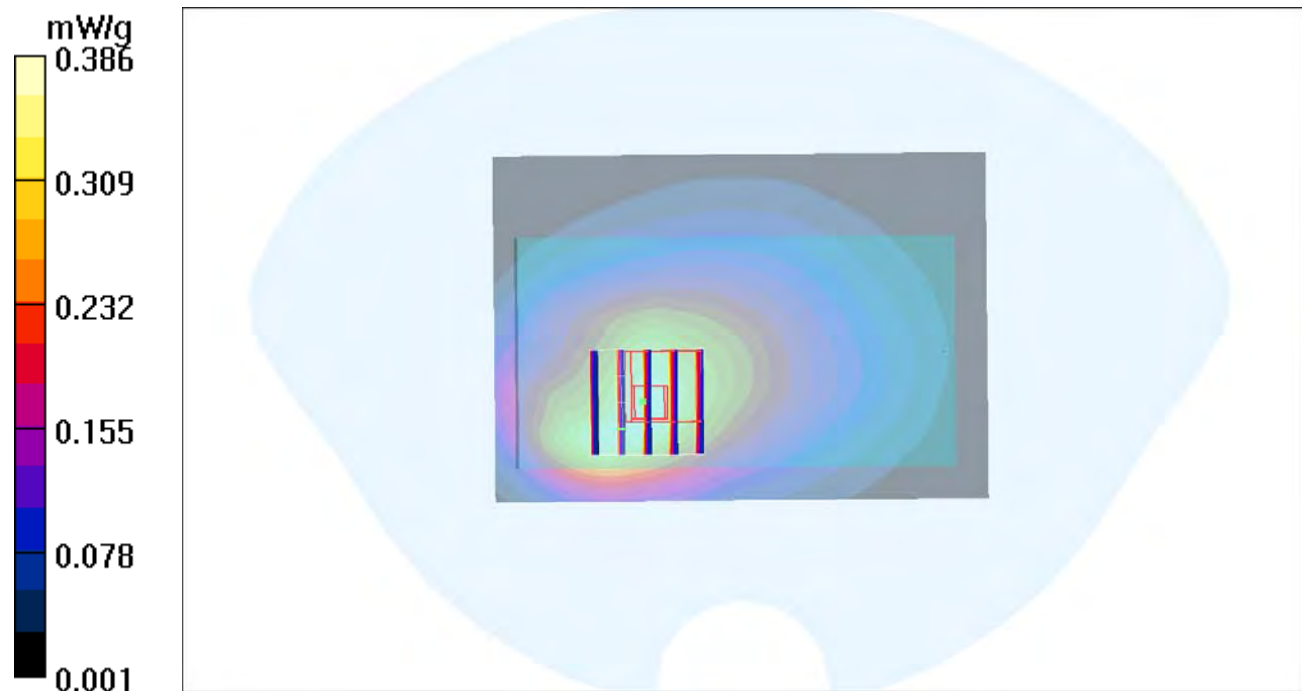
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.0 V/m ; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.464 W/kg

SAR(1 g) = 0.317 mW/g ; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.384 mW/g



P200 LTE Band XVII_16QAM_RB1U_Left Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.104 mW/g

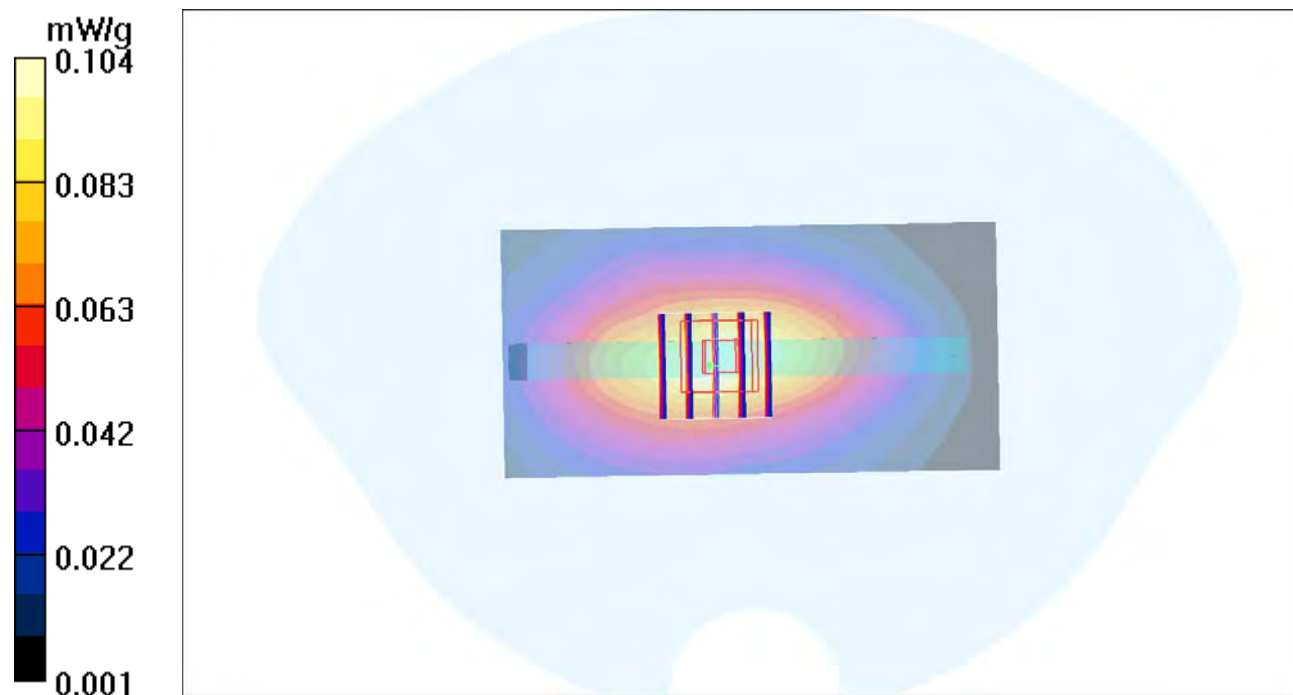
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.100 mW/g



P201 LTE Band XVII_16QAM_RB1U_Left Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.191 mW/g

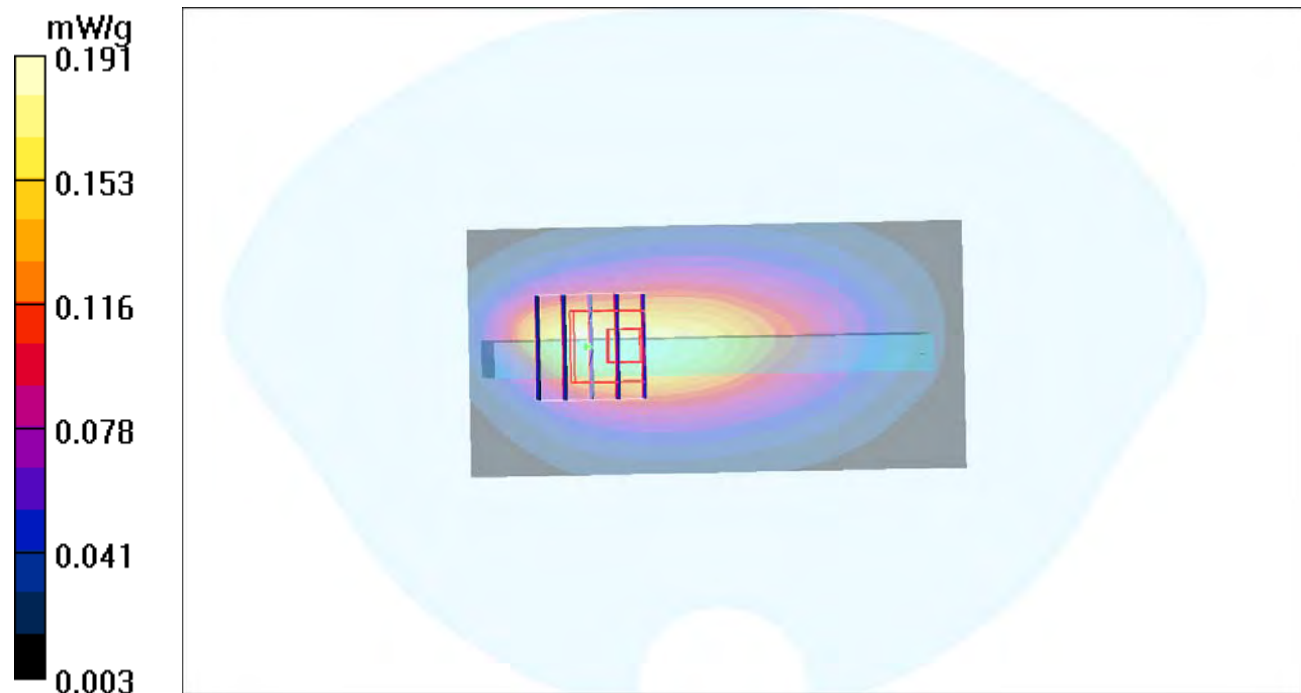
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.0 V/m ; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.153 mW/g ; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.194 mW/g



P202 LTE Band XVII_16QAM_RB1U_Top Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.062 mW/g

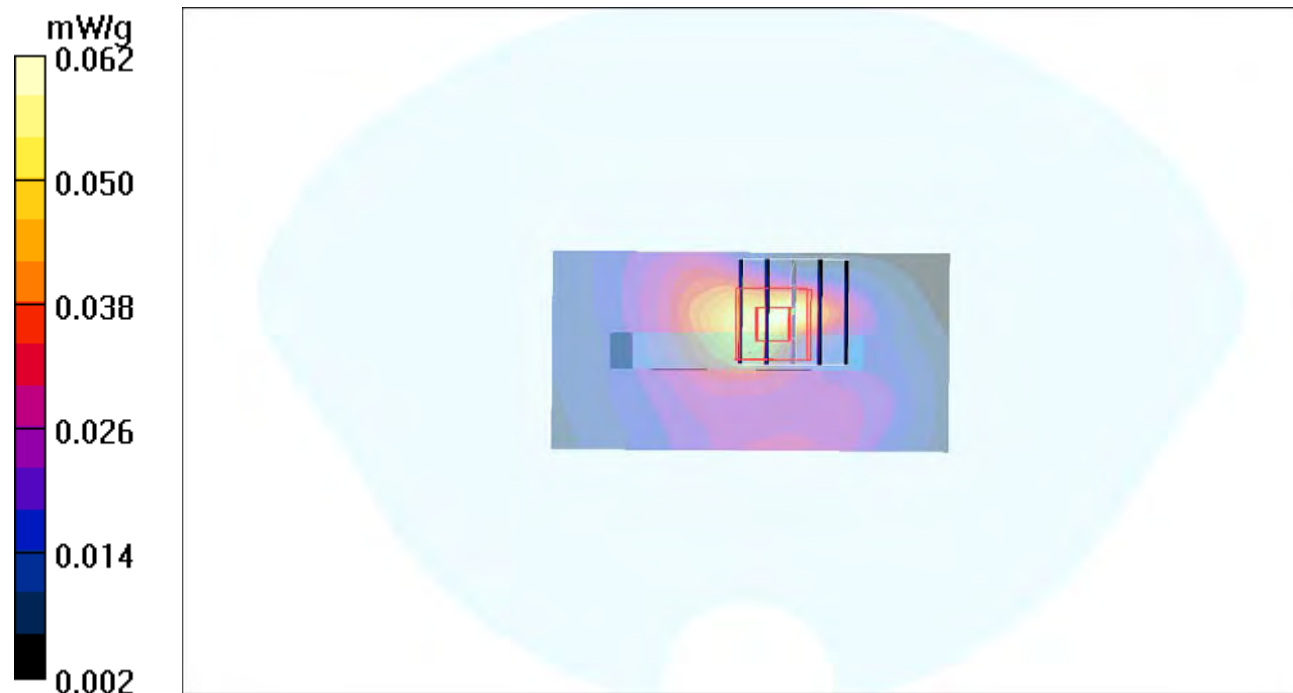
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.25 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.069 mW/g



P209 LTE Band XVII_16QAM_RB1L_Rear Face_1cm_Ch23800_Sample1_Battery1_Earphone1

DUT: 110805C09

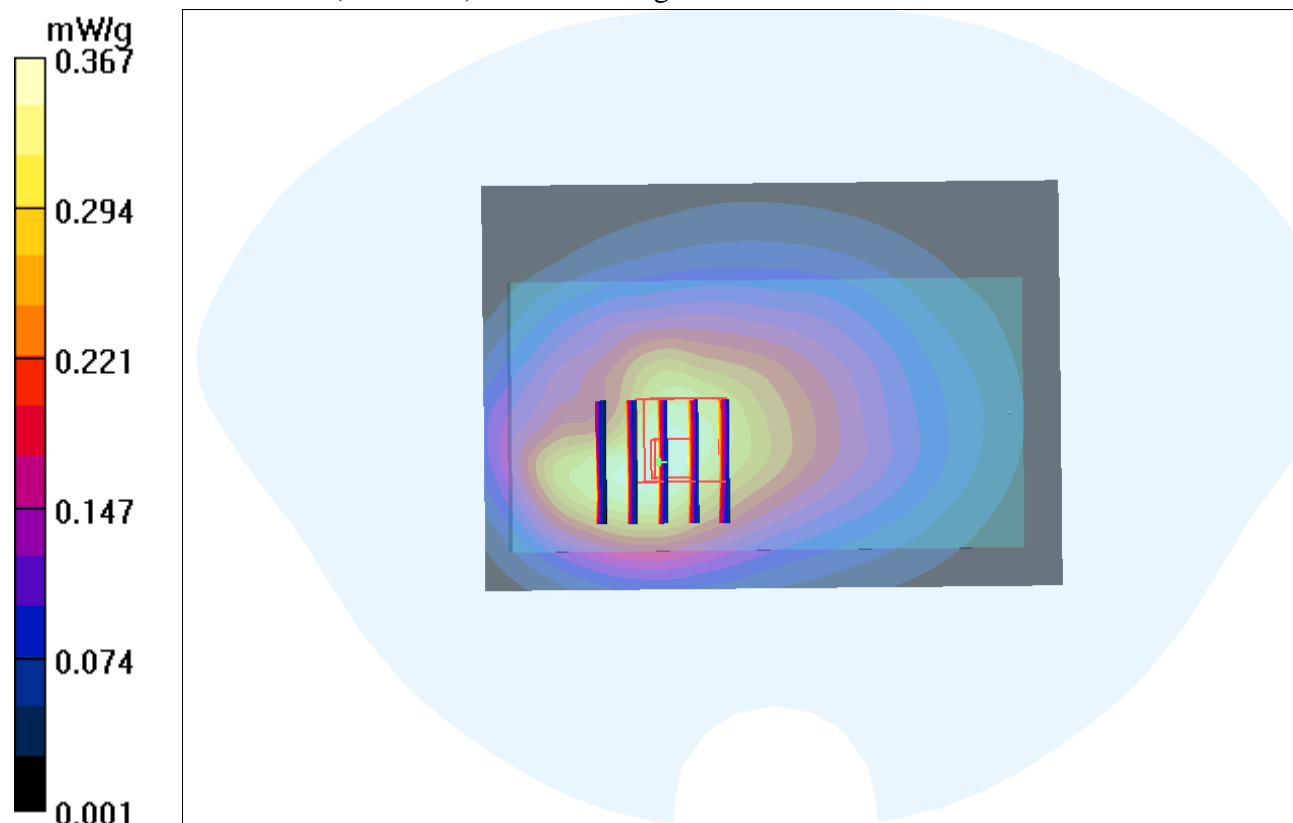
Communication System: LTE band13 (750); Frequency: 711 MHz;Duty Cycle: 1:1
 Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.367 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 16.1 V/m; Power Drift = -0.066 dB
 Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.214 mW/g
 Maximum value of SAR (measured) = 0.367 mW/g



P203 LTE Band XVII_16QAM_RB1L_Front Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band13 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.236 mW/g

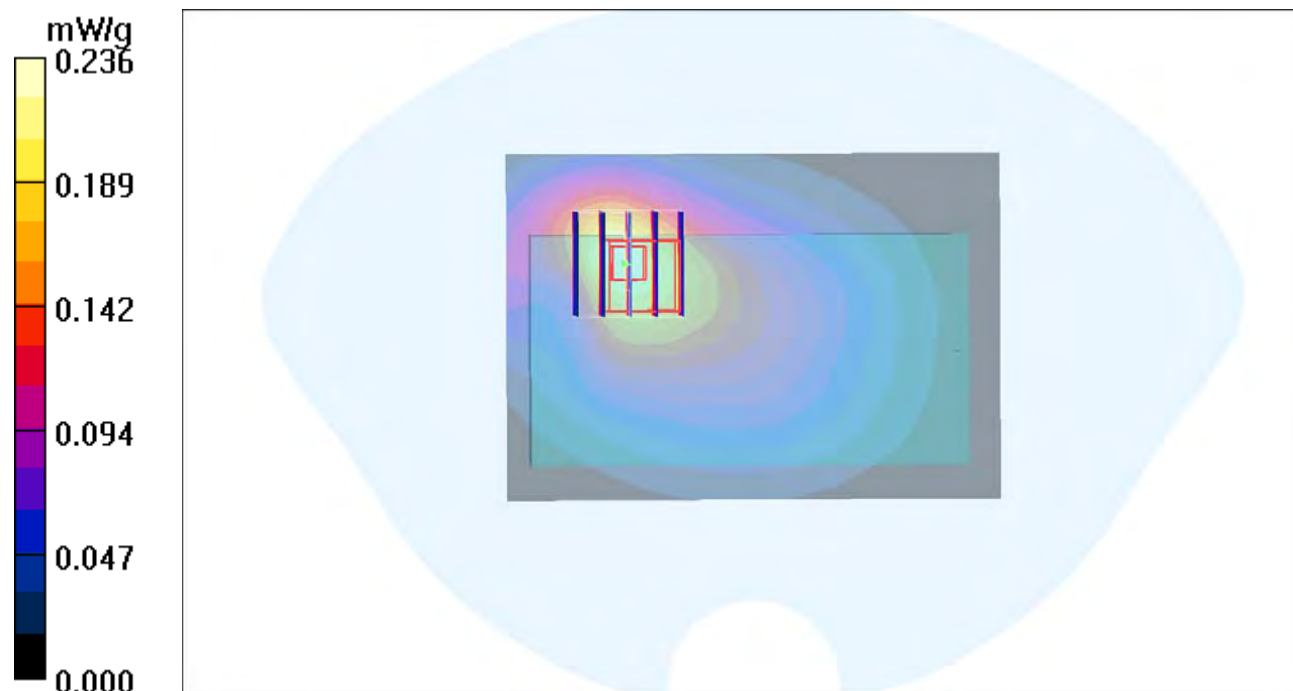
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.226 mW/g



P204 LTE Band XVII_16QAM_RB1L_Rear Face_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band13 (750); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.374 mW/g

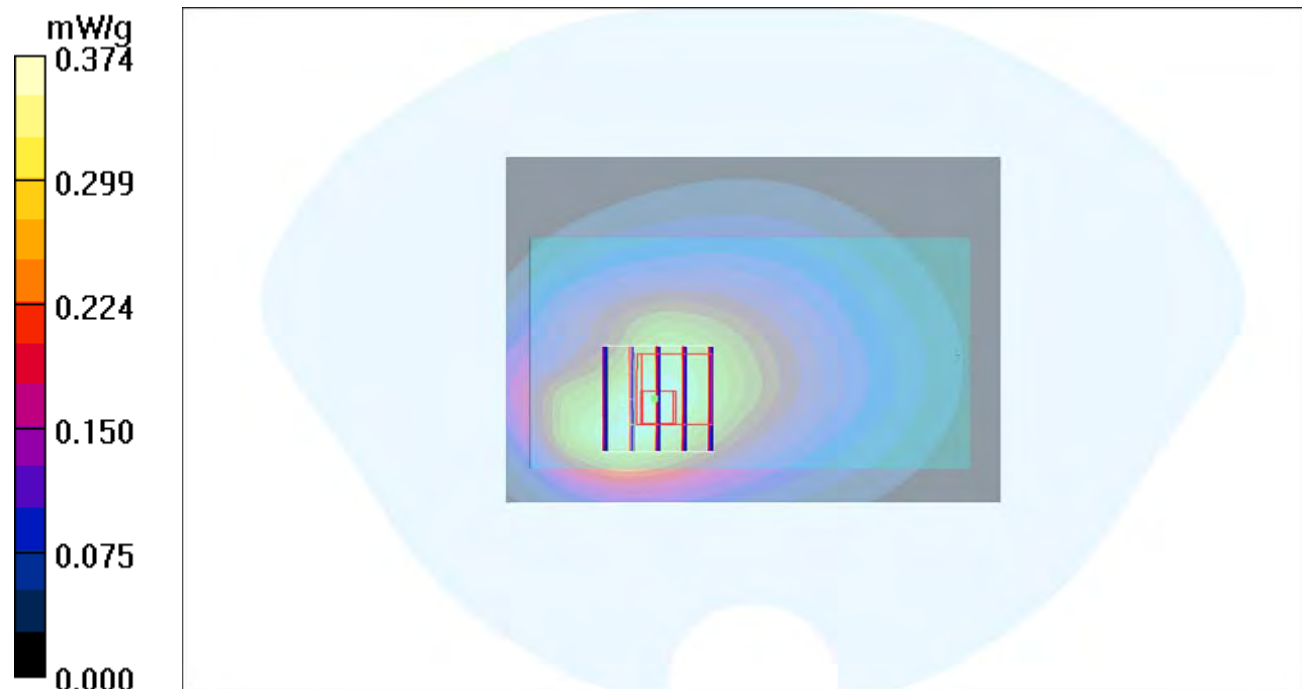
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.8 V/m ; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.456 W/kg

SAR(1 g) = 0.306 mW/g ; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.382 mW/g



P205 LTE Band XVII_16QAM_RB1L_Left Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.097 mW/g

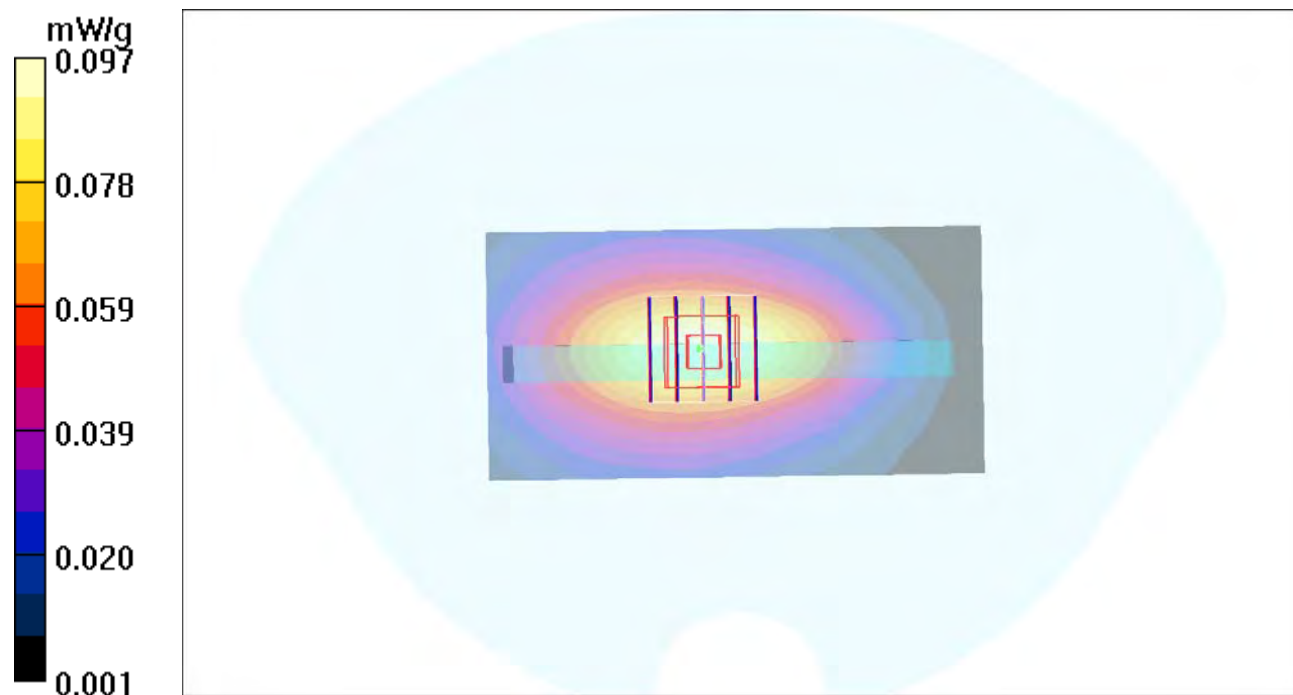
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.099 mW/g



P206 LTE Band XVII_16QAM_RB1L_Left Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.205 mW/g

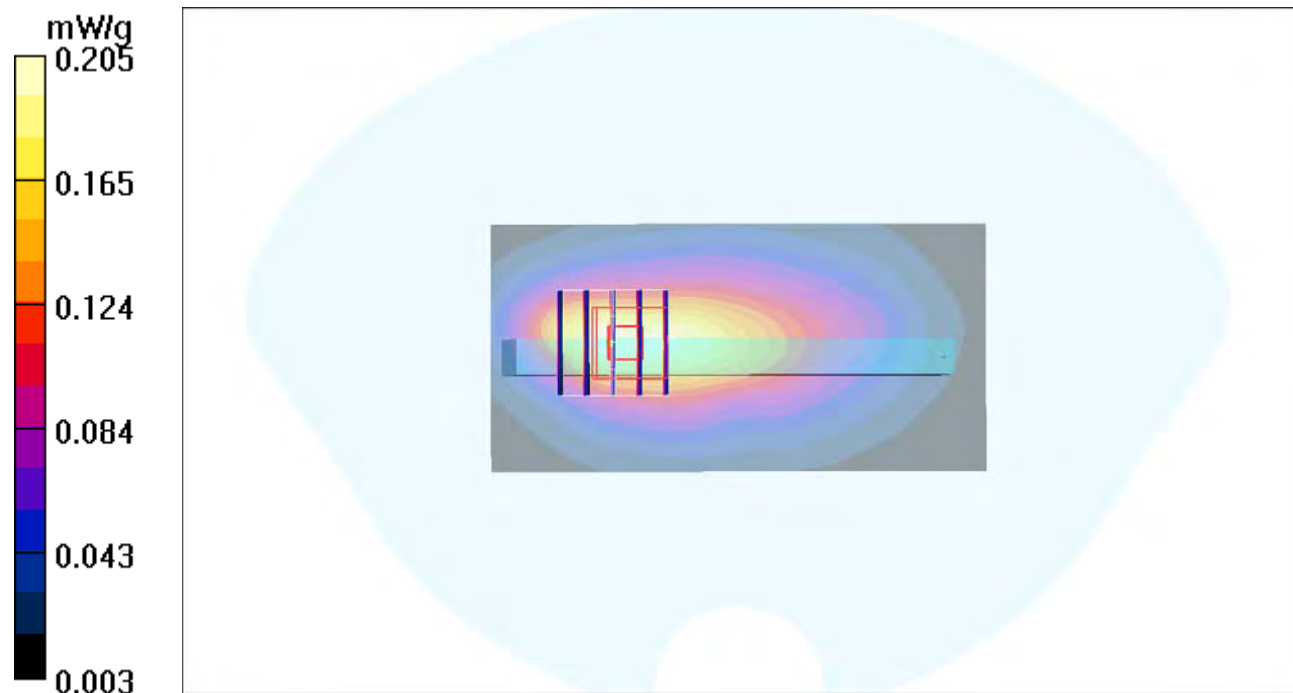
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.203 mW/g



P207 LTE Band XVII_16QAM_RB1L_Top Side_1cm_Ch23800_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band17 (750); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750_0906 Medium parameters used: $f = 711$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.8$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(9.34, 9.34, 9.34); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23800/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.062 mW/g

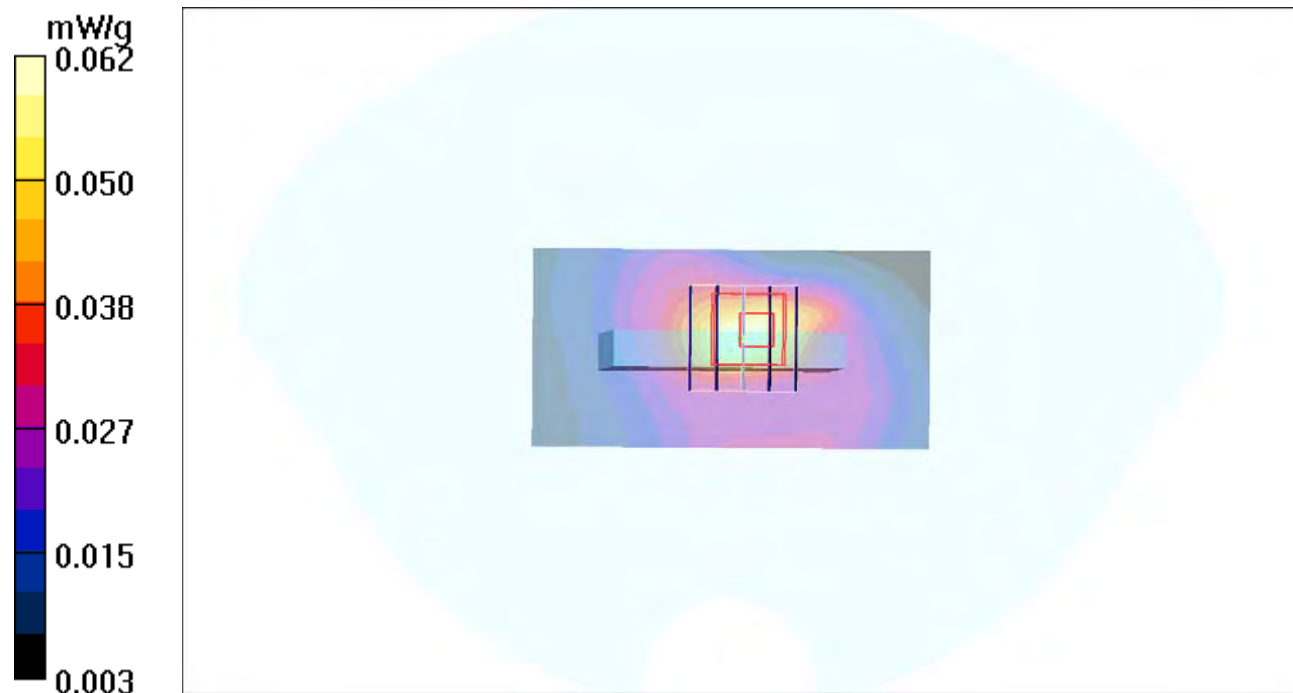
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.10 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.074 mW/g



P112 LTE Band IV_QPSK_RB50%_Front Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

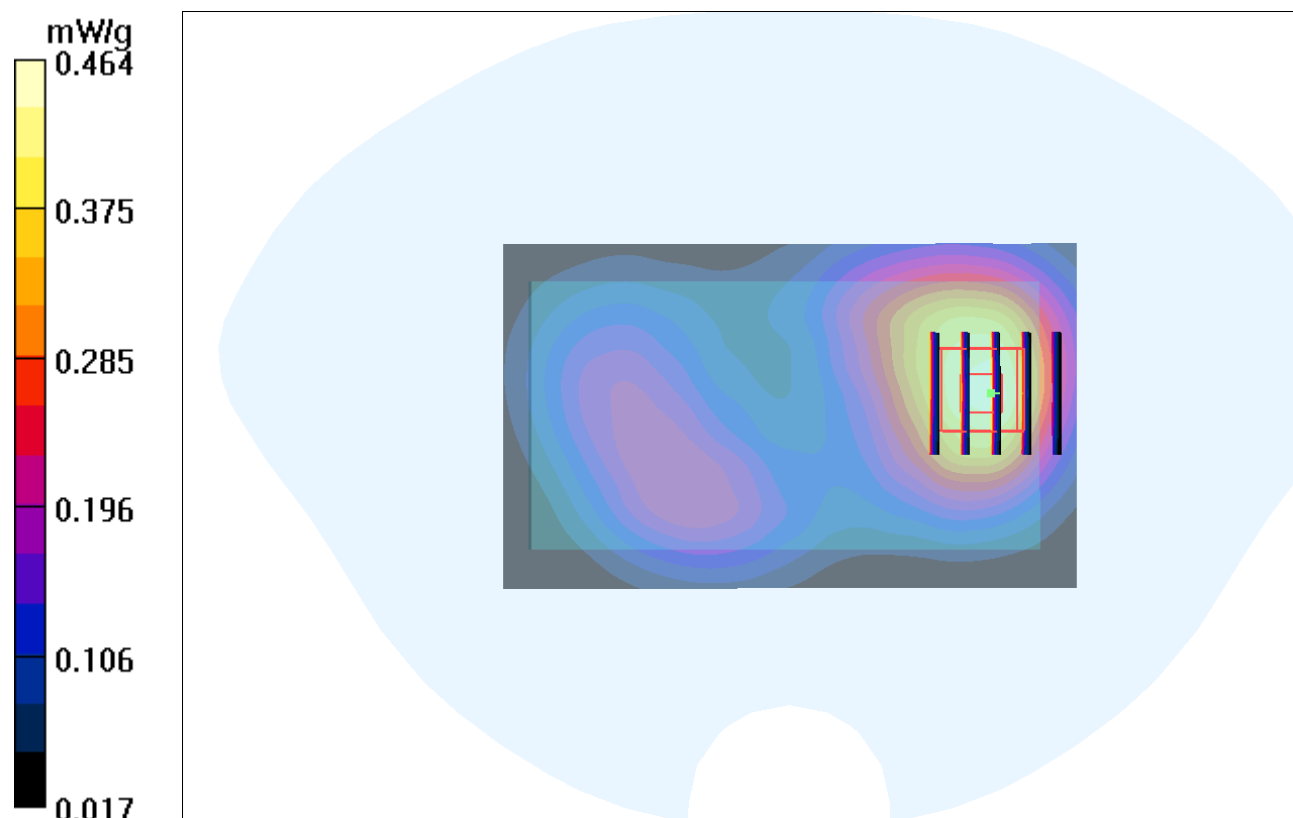
Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1
 Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.452 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 7.47 V/m; Power Drift = 0.079 dB
 Peak SAR (extrapolated) = 0.547 W/kg
SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.241 mW/g
 Maximum value of SAR (measured) = 0.464 mW/g



P113 LTE Band IV_QPSK_RB50%_Rear Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

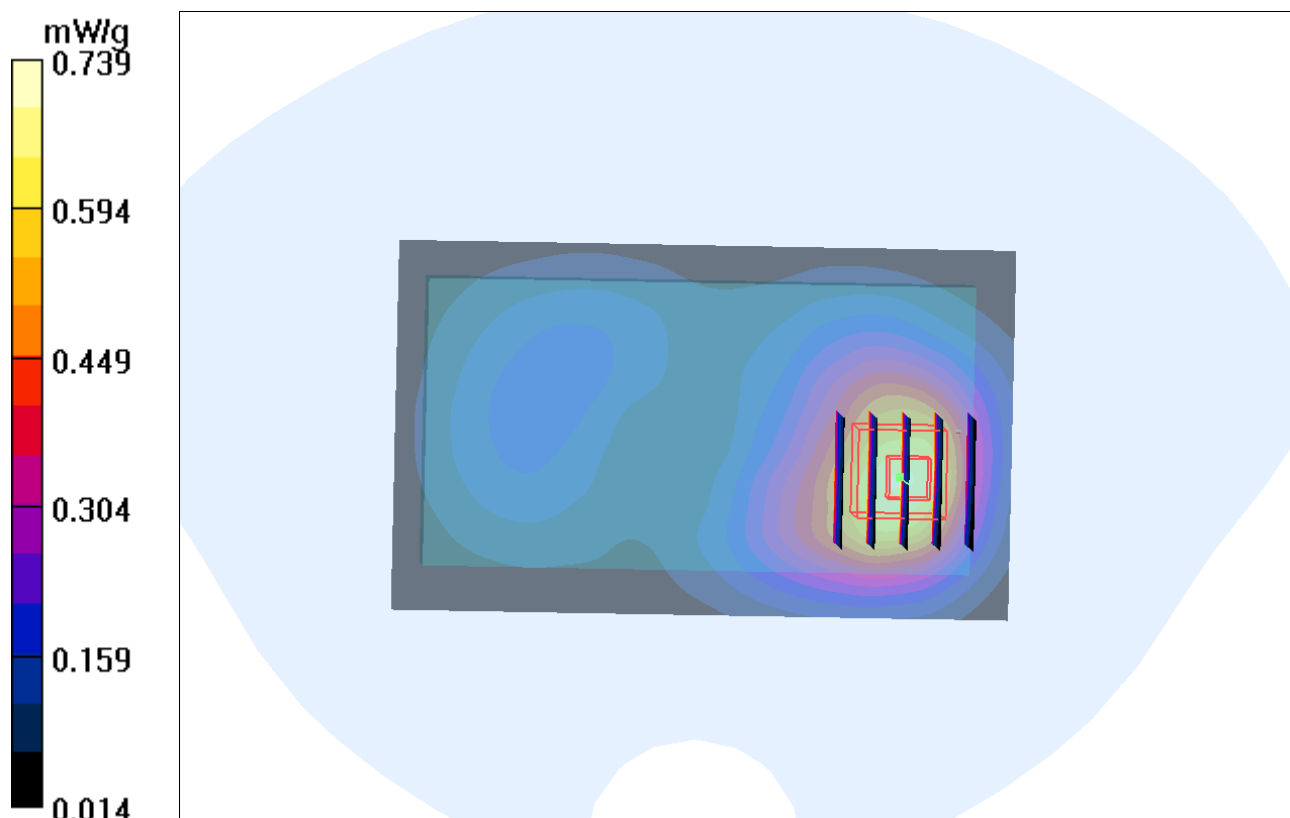
Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1
 Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Frontt; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.697 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 7.26 V/m; Power Drift = 0.096 dB
 Peak SAR (extrapolated) = 0.902 W/kg
SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.346 mW/g
 Maximum value of SAR (measured) = 0.739 mW/g



P114 LTE Band IV_QPSK_RB50%_Left Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1
 Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

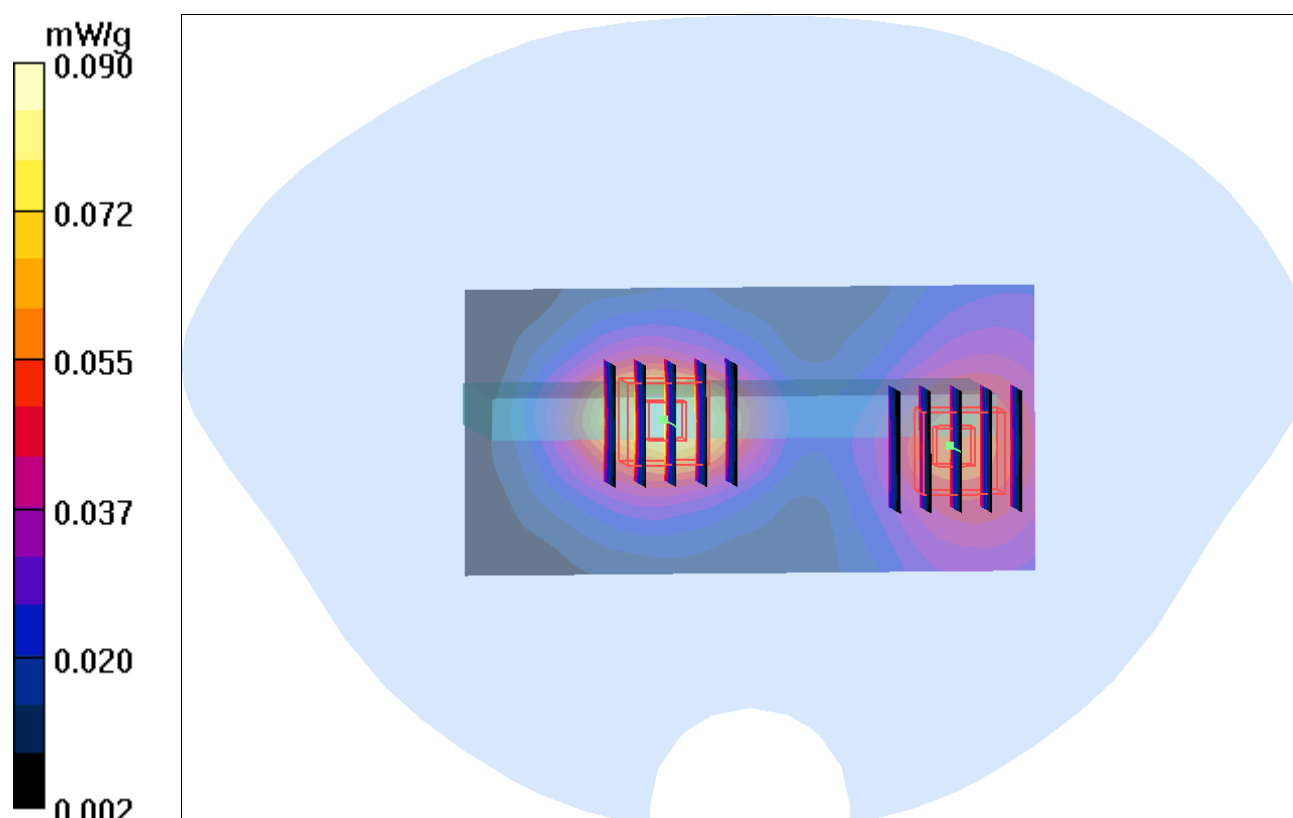
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.090 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.80 V/m; Power Drift = 0.046 dB
 Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.044 mW/g
 Maximum value of SAR (measured) = 0.090 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.80 V/m; Power Drift = 0.046 dB
 Peak SAR (extrapolated) = 0.077 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.033 mW/g
 Maximum value of SAR (measured) = 0.064 mW/g



P115 LTE Band IV_QPSK_RB50%_Right Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.267 mW/g

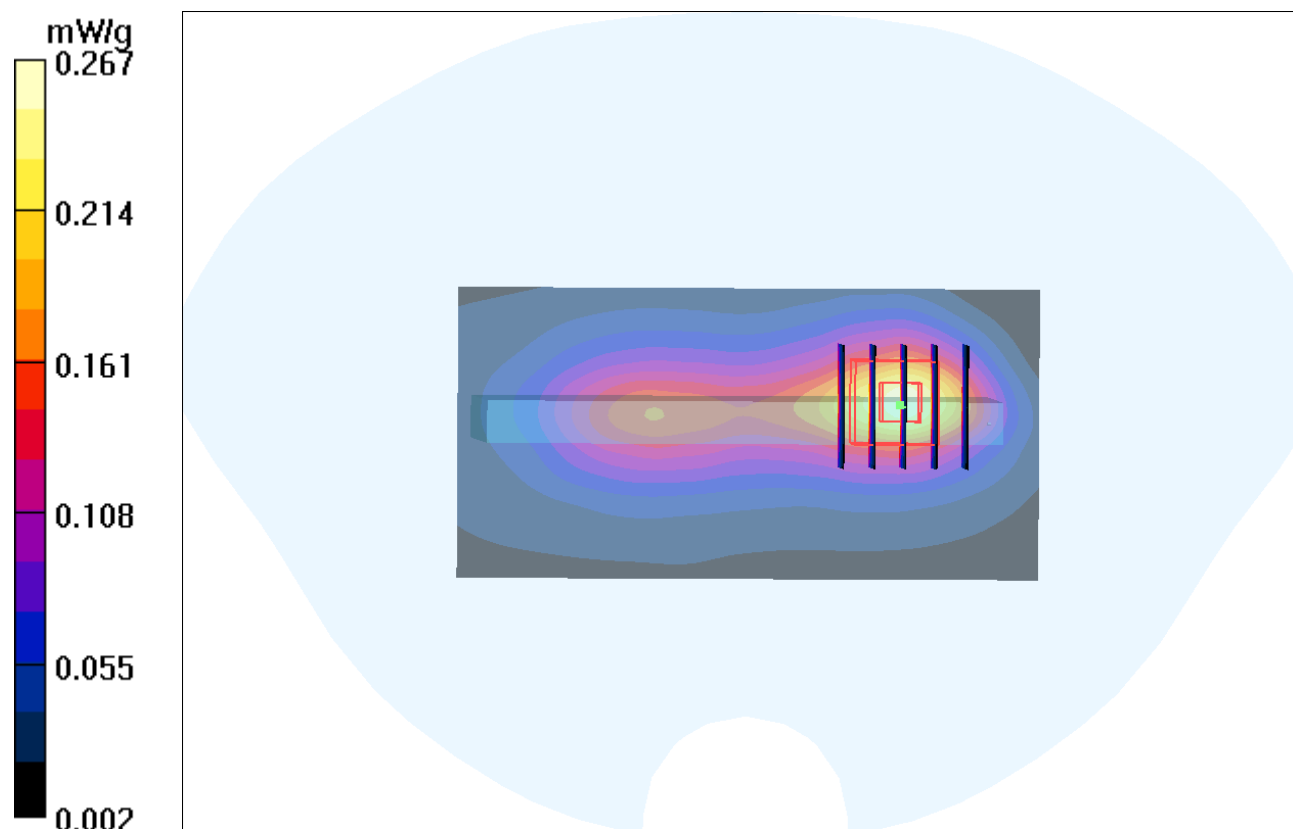
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.88 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.256 mW/g



P232 LTE Band IV_QPSK_RB50%_Down Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL 1700_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/7/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.354 mW/g

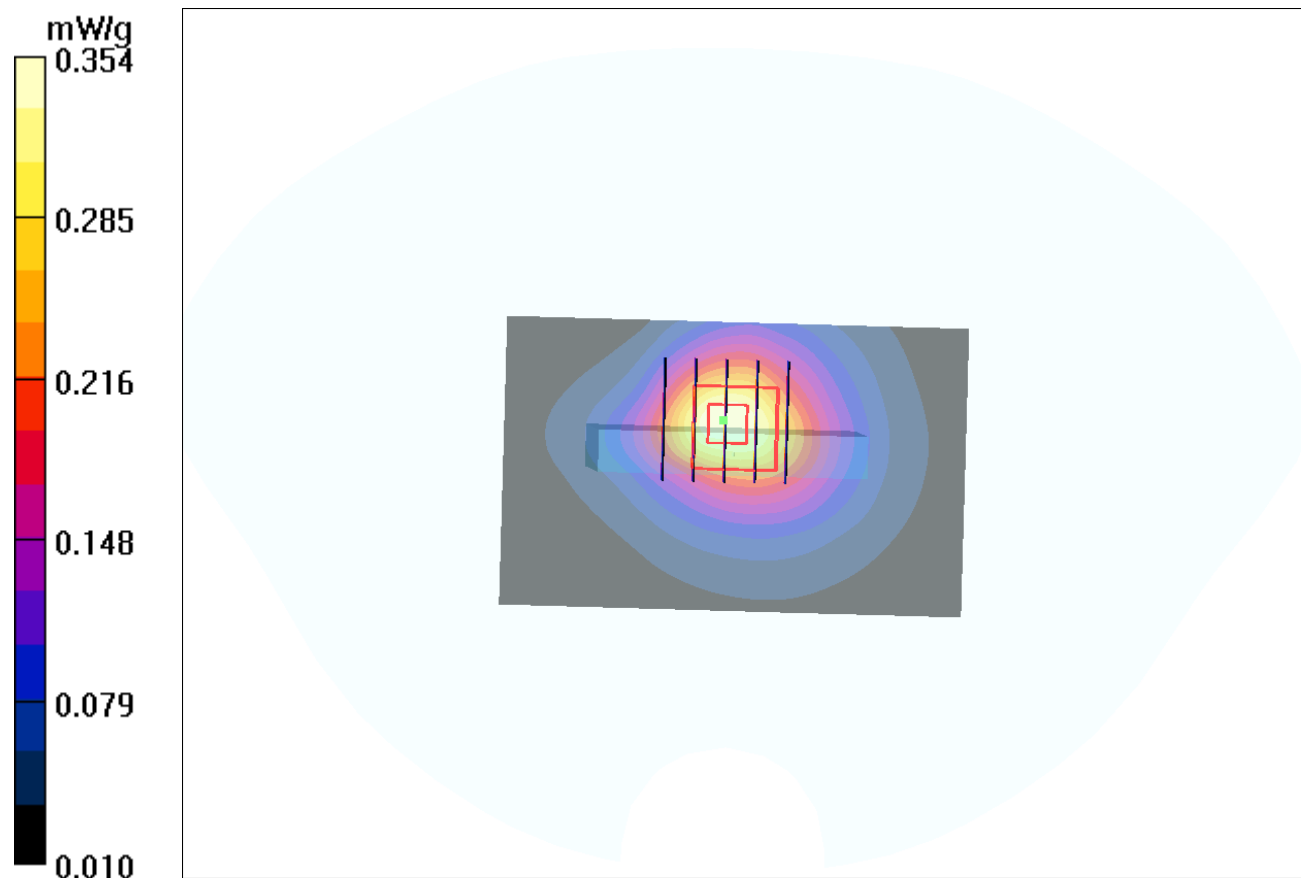
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = 0.101 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.355 mW/g



P117 LTE Band IV_QPSK_RB1U_Front Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Frontt; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.728 mW/g

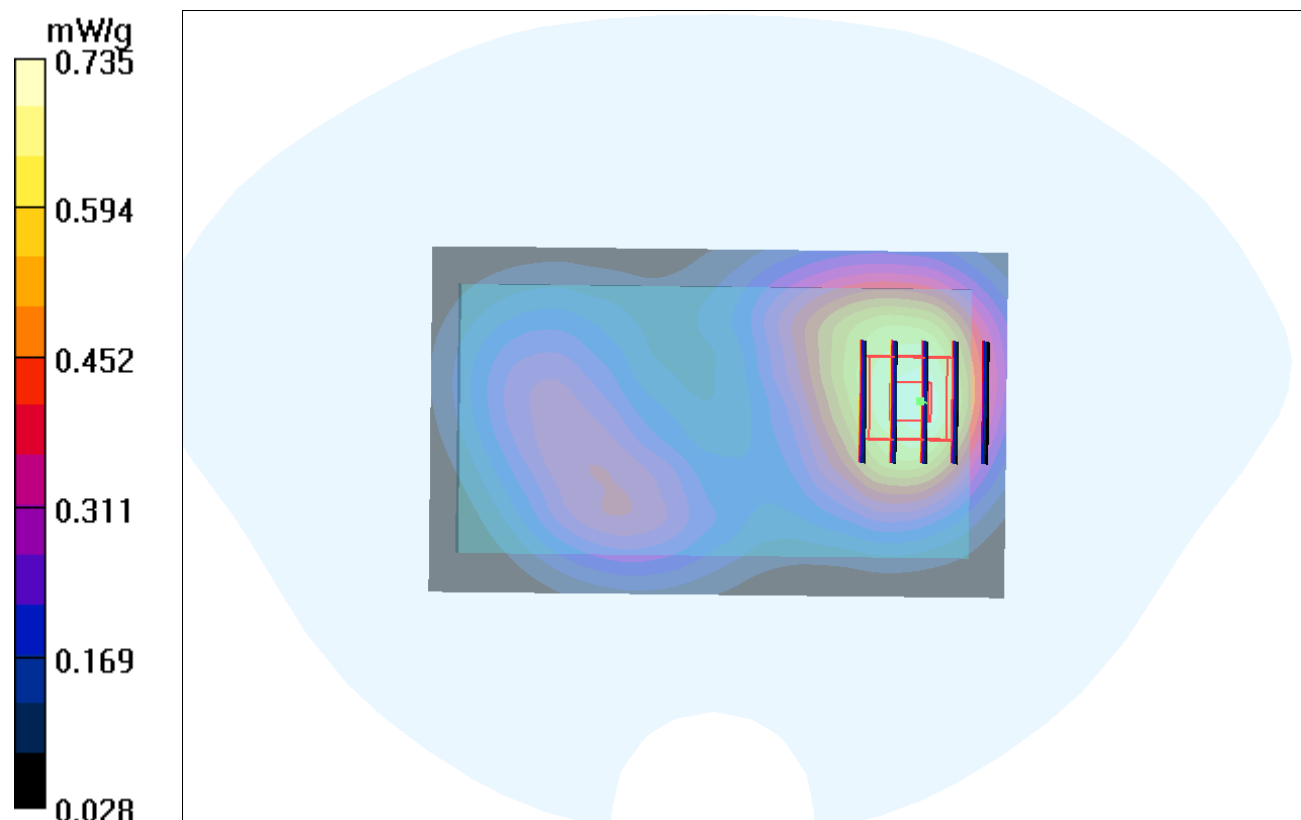
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.60 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.868 W/kg

SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.384 mW/g

Maximum value of SAR (measured) = 0.735 mW/g



P118 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

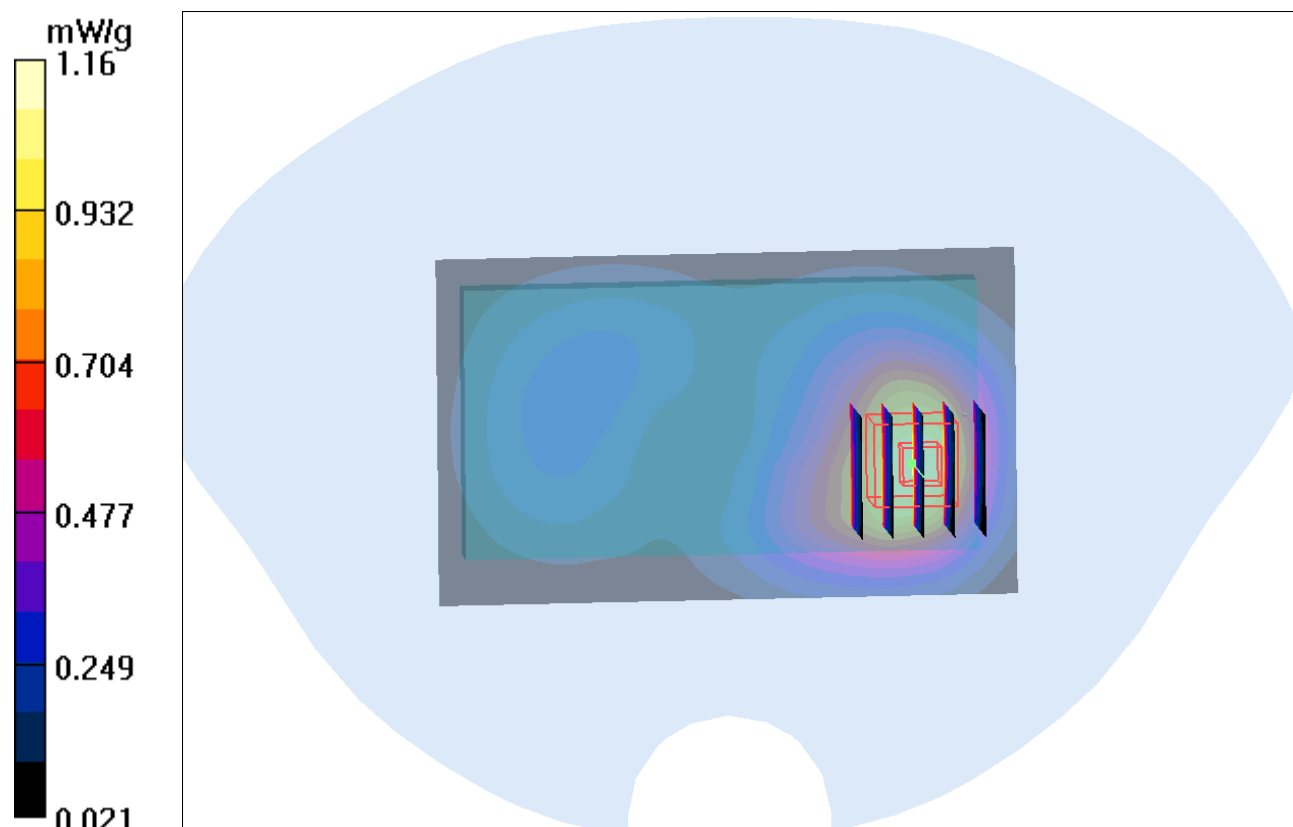
Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.50 V/m; Power Drift = 0.070 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.540 mW/g
Maximum value of SAR (measured) = 1.16 mW/g



P119 LTE Band IV_QPSK_RB1U_Left Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1
 Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

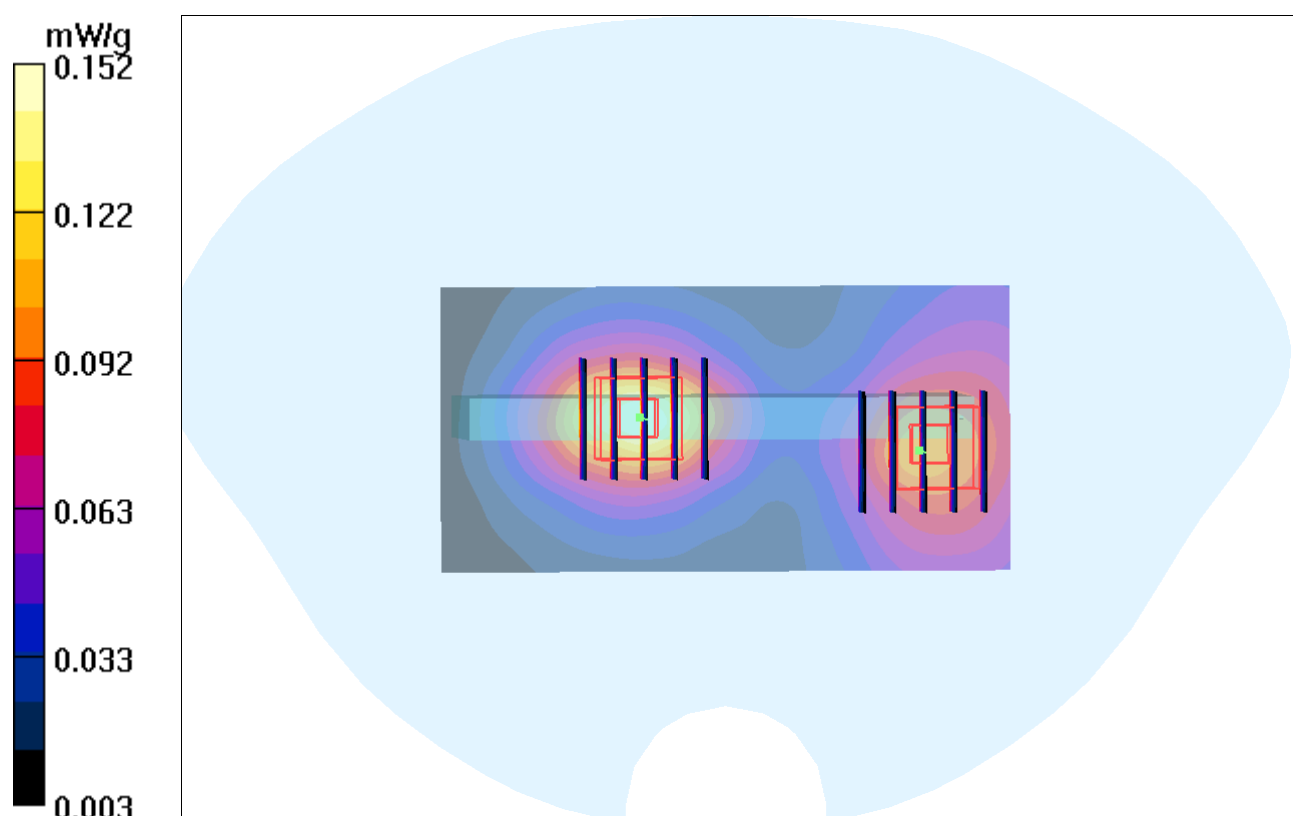
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.152 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 7.49 V/m; Power Drift = 0.033 dB
 Peak SAR (extrapolated) = 0.182 W/kg
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.074 mW/g
 Maximum value of SAR (measured) = 0.152 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 7.49 V/m; Power Drift = 0.033 dB
 Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.057 mW/g
 Maximum value of SAR (measured) = 0.112 mW/g



P120 LTE Band IV_QPSK_RB1U_Right Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

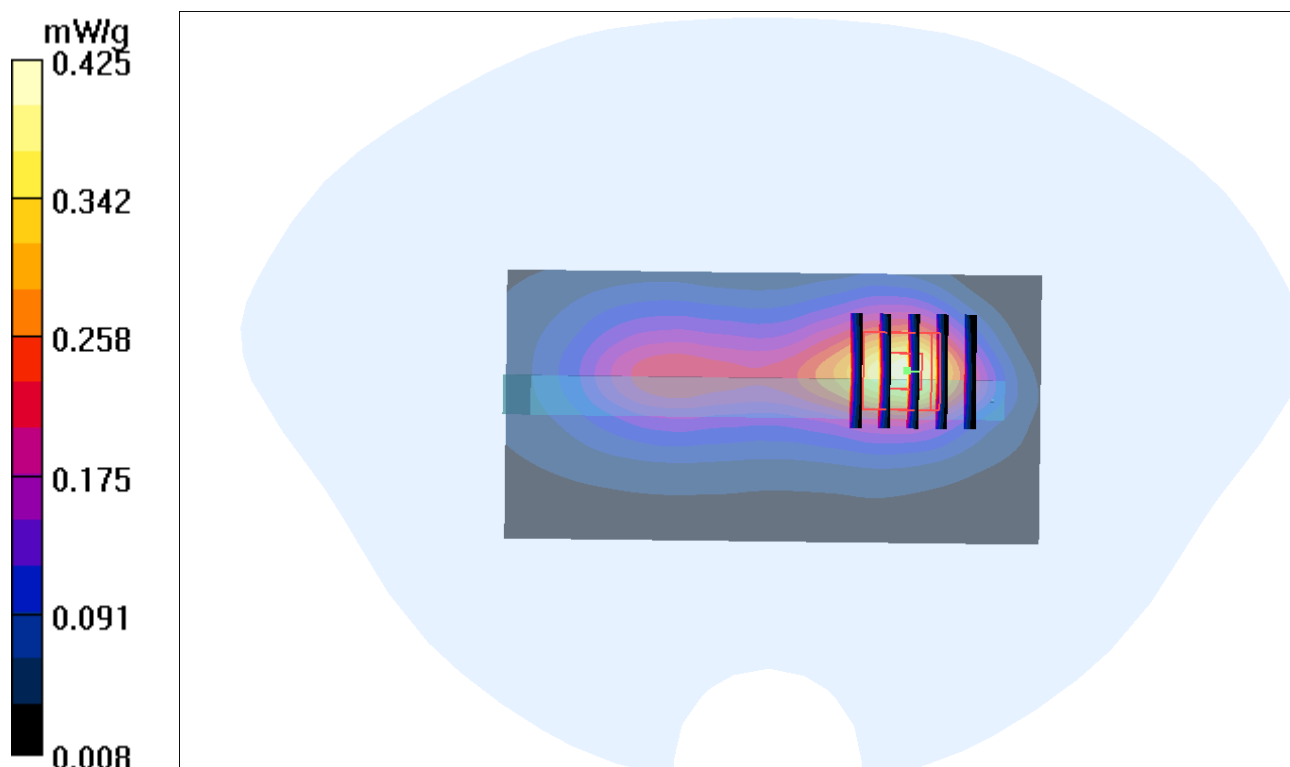
Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.422 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.512 W/kg
SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.425 mW/g



P233 LTE Band IV_QPSK_RB1U_Down Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL 1700_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/7/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.543 mW/g

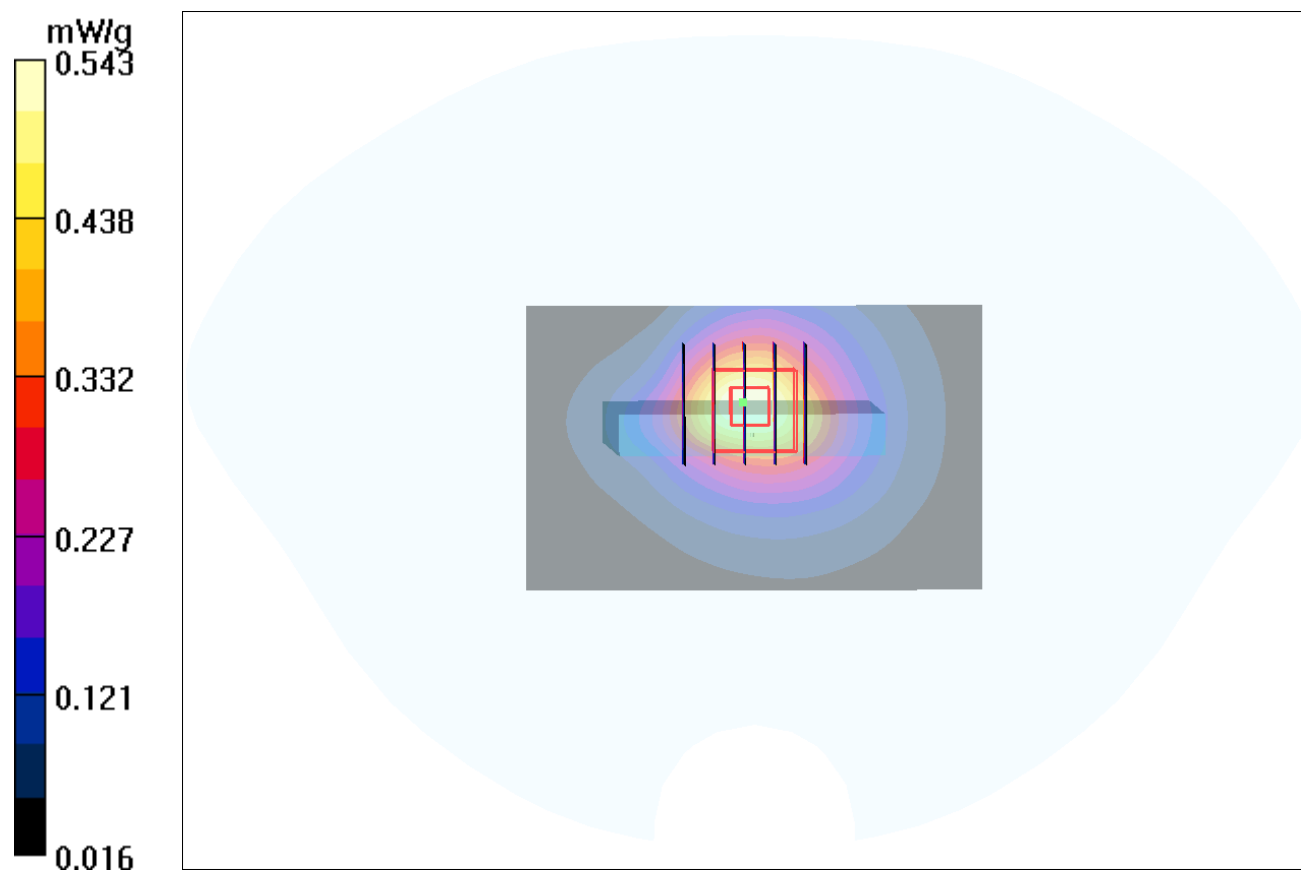
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.641 W/kg

SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.534 mW/g



P210 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20000_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL 1800_0907 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20000/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.37 mW/g

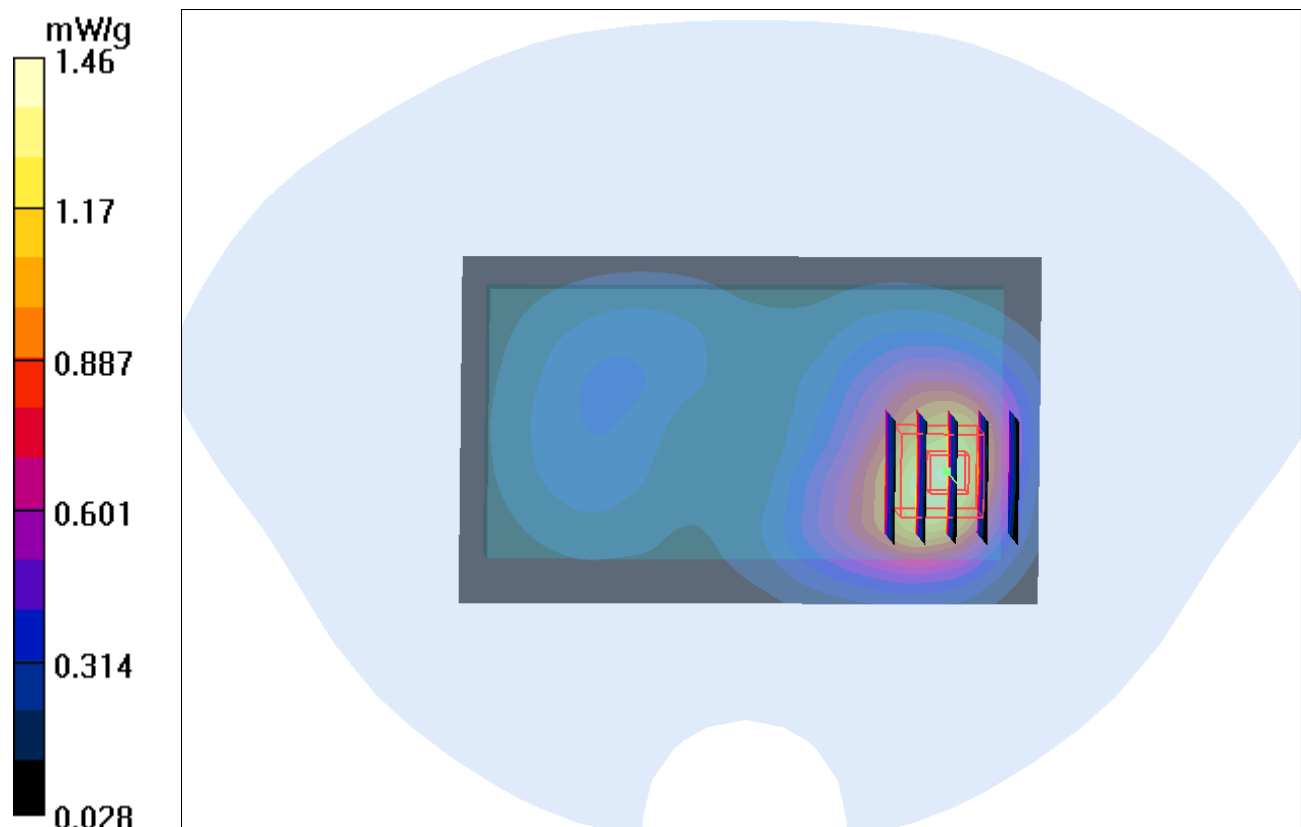
Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 1.75 W/kg

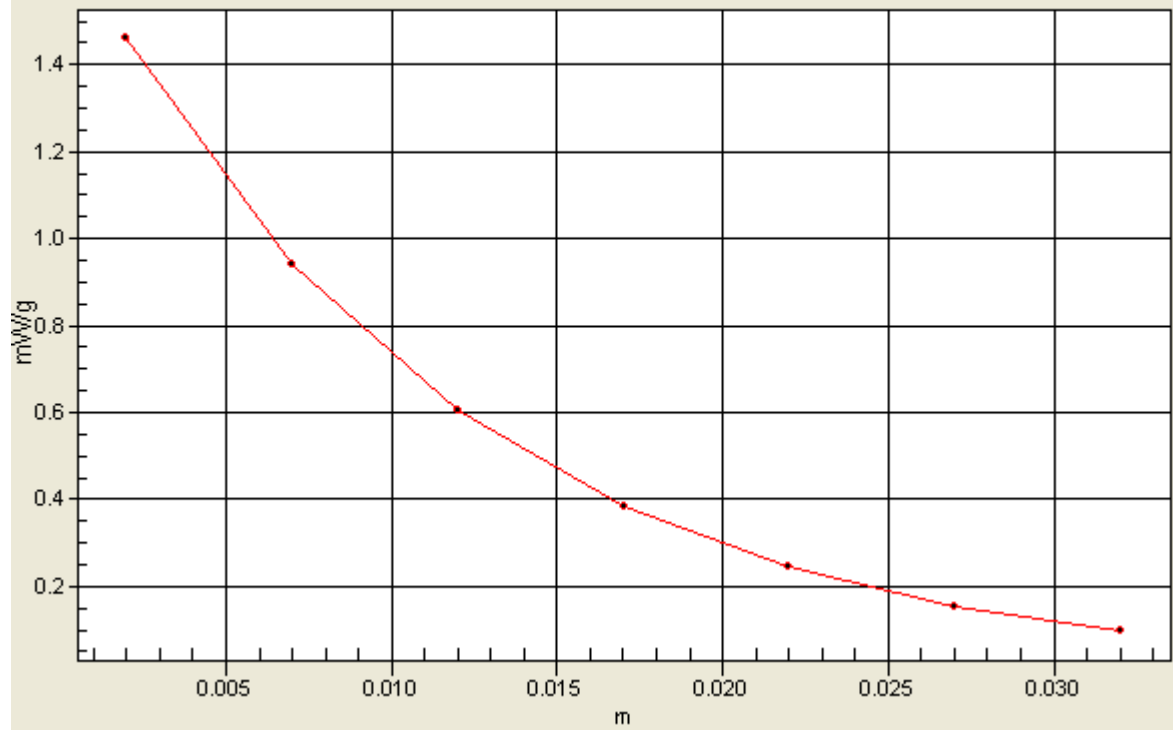
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.668 mW/g

Maximum value of SAR (measured) = 1.46 mW/g



1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=2



P211 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20175_Sample1_Battery1

DUT: 110805C09

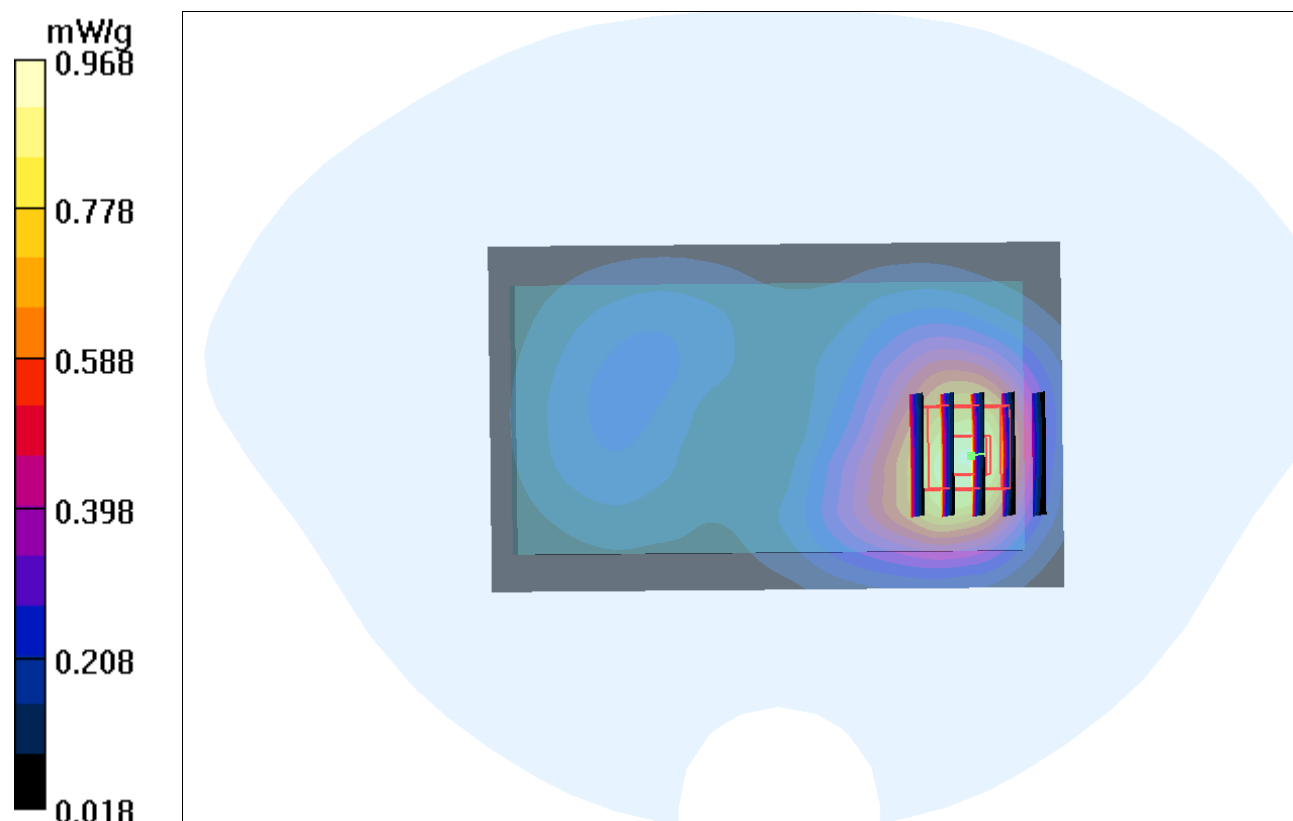
Communication System: LTE band4 (1700); Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: MSL 1800_0907 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.915 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 8.22 V/m; Power Drift = -0.034 dB
 Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.445 mW/g
 Maximum value of SAR (measured) = 0.968 mW/g



P218 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20000_Sample1_Battery1_Earphone1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL 1800_0907 Medium parameters used: $f = 1715 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20000/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.40 mW/g

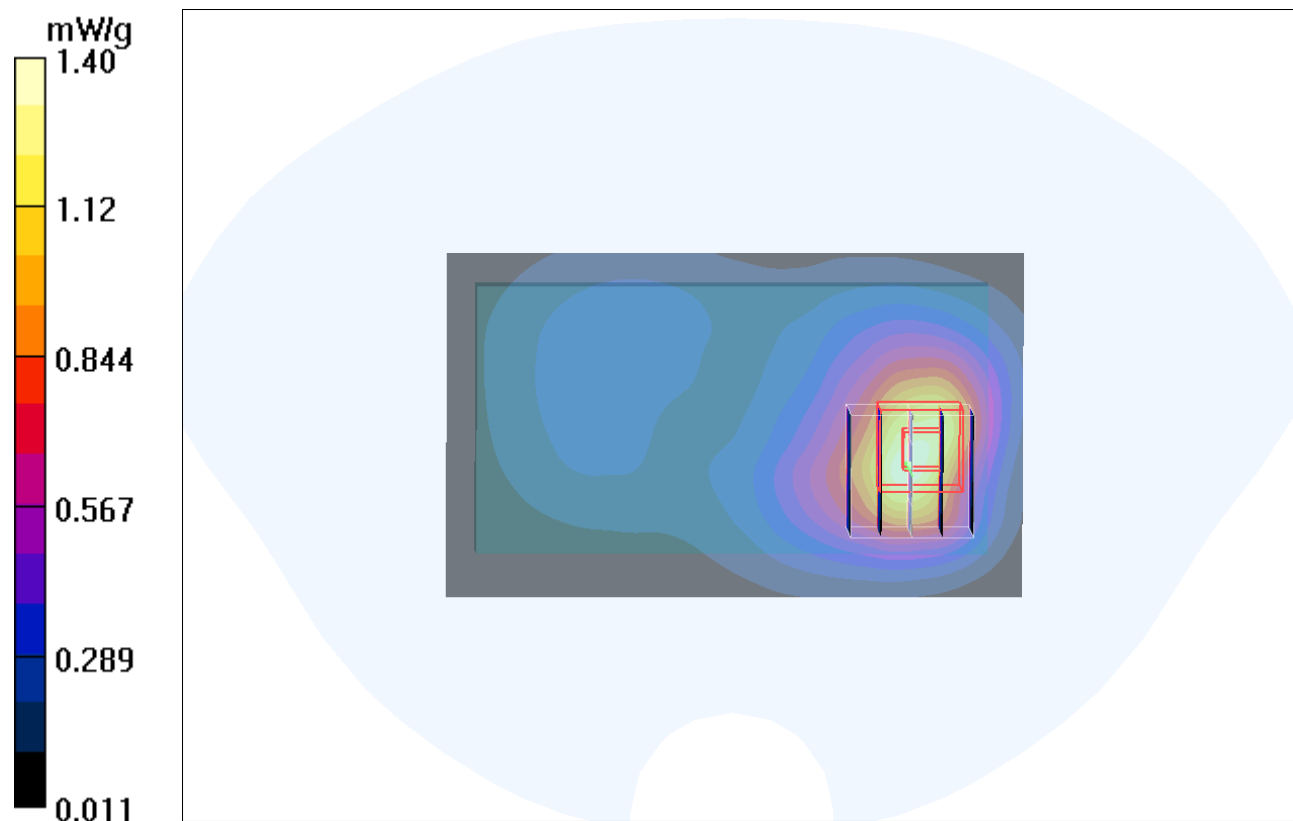
Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.632 mW/g

Maximum value of SAR (measured) = 1.35 mW/g



P220 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20350_Sample1_Battery1_Earphone

DUT: 110805C09

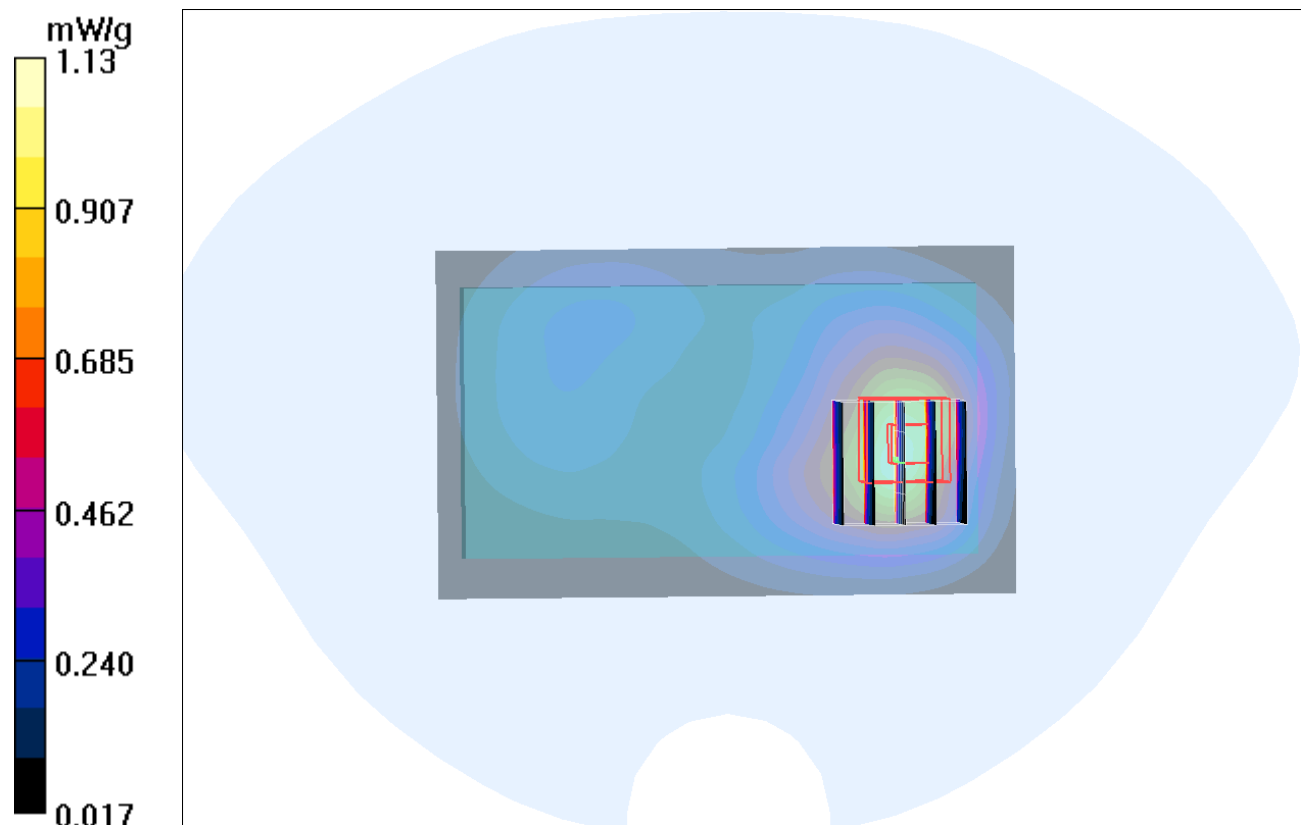
Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1
 Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.12 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 10.3 V/m; Power Drift = 0.072 dB
 Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.529 mW/g
 Maximum value of SAR (measured) = 1.13 mW/g



P221 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20175_Sample1_Battery1_Earphone

DUT: 110805C09

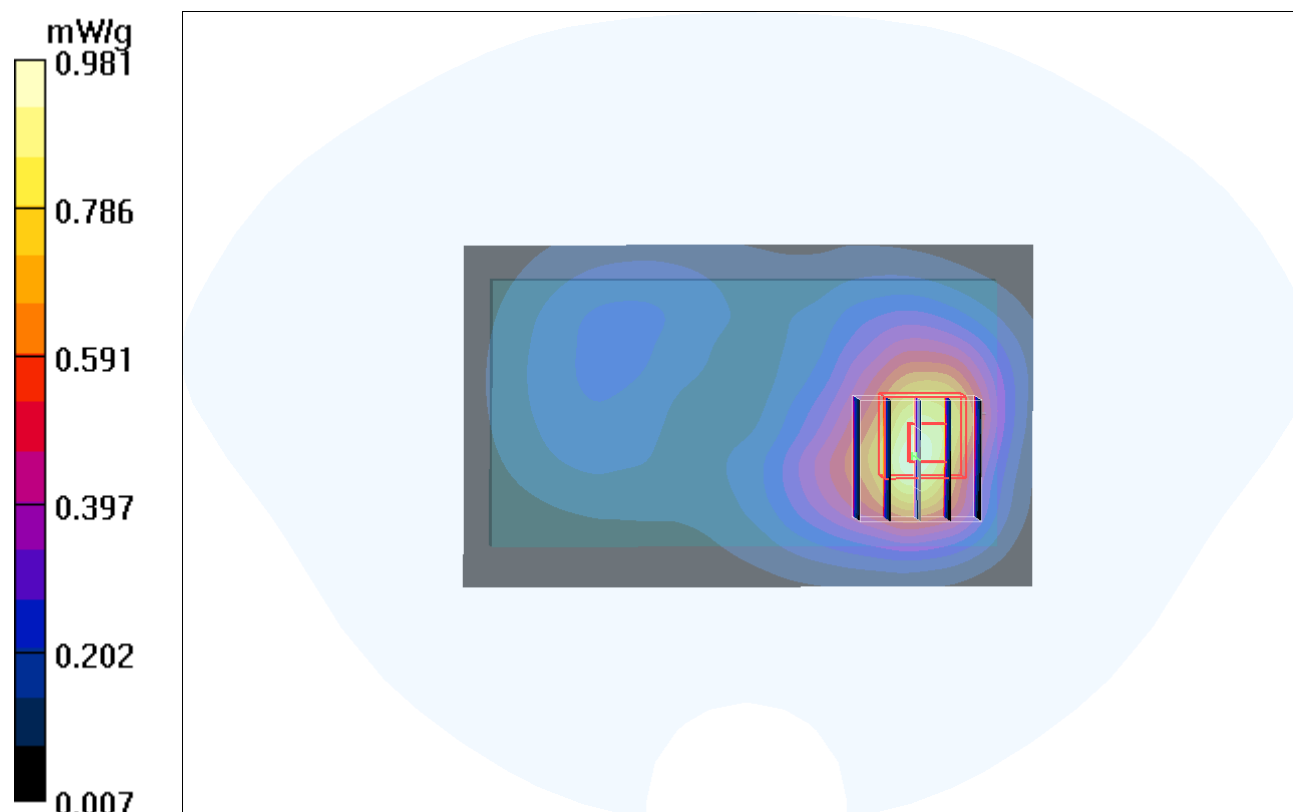
Communication System: LTE band4 (1700); Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: MSL 1800_0907 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.981 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 9.50 V/m ; Power Drift = 0.010 dB
 Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.749 mW/g ; SAR(10 g) = 0.446 mW/g
 Maximum value of SAR (measured) = 0.966 mW/g



P226 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20000_Sample1_Battery2

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1715 MHz;Duty Cycle: 1:1

Medium: MSL1800_0922 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.478$ mho/m; $\epsilon_r = 52.374$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.77, 8.77, 8.77); Calibrated: 2011/2/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/8/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch20000/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.273 mW/g

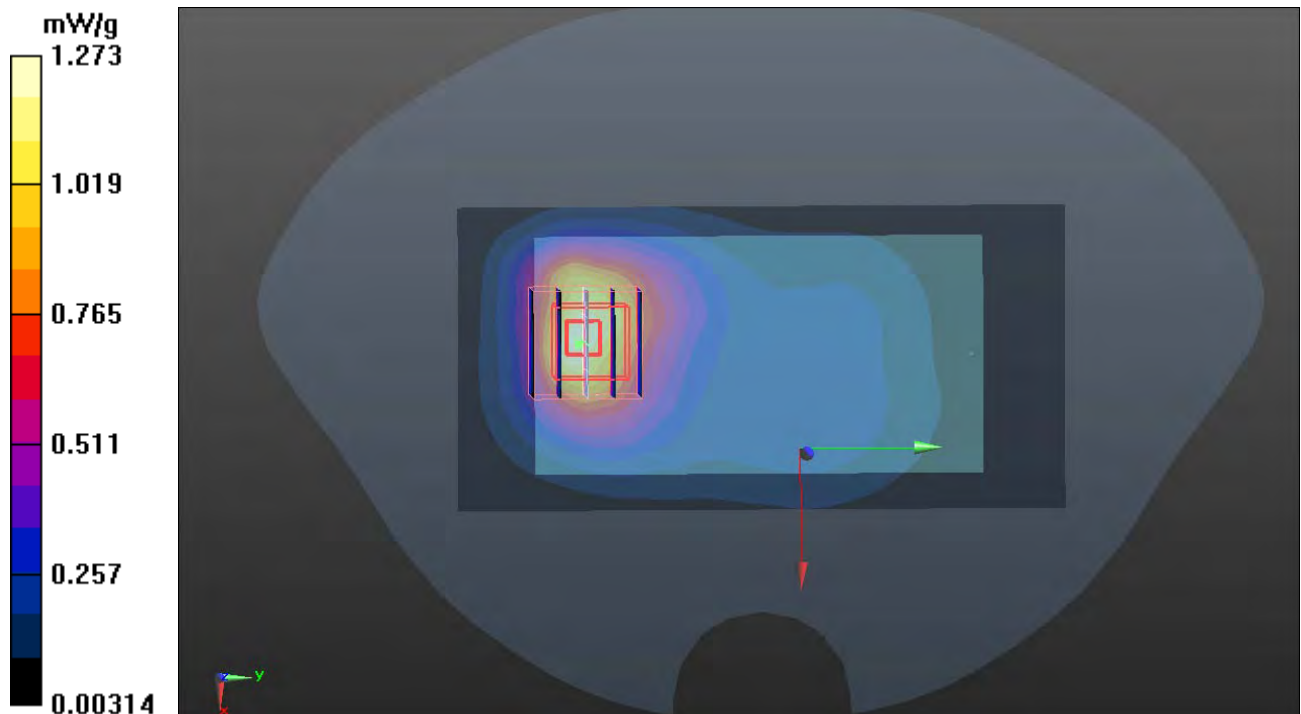
Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.807 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.685 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.604 mW/g

Maximum value of SAR (measured) = 1.367 mW/g



P227 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20175_Sample1_Battery2

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium: MSL1800_0922 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r = 52.316$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.77, 8.77, 8.77); Calibrated: 2011/2/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/8/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.932 mW/g

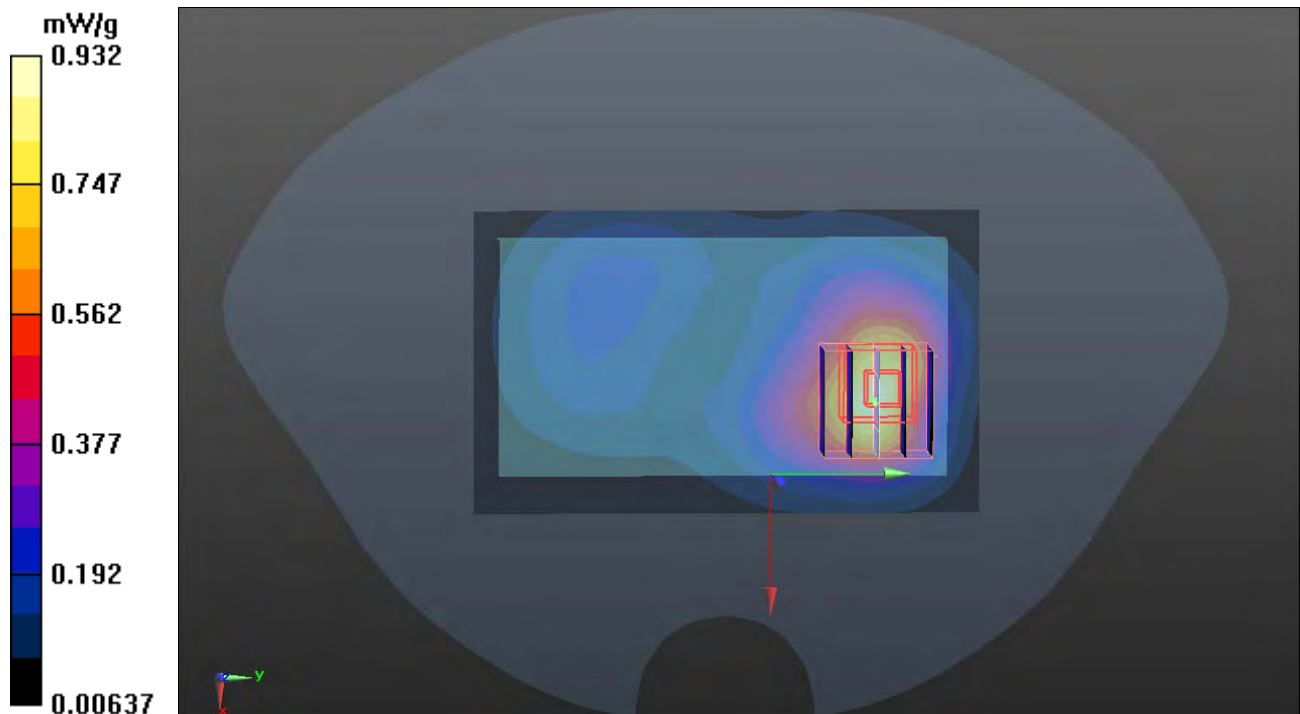
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.425 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.106 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 0.911 mW/g



P228 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20350_Sample1_Battery2

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL1800_0922 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.517$ mho/m; $\epsilon_r = 52.252$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.77, 8.77, 8.77); Calibrated: 2011/2/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/8/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.074 mW/g

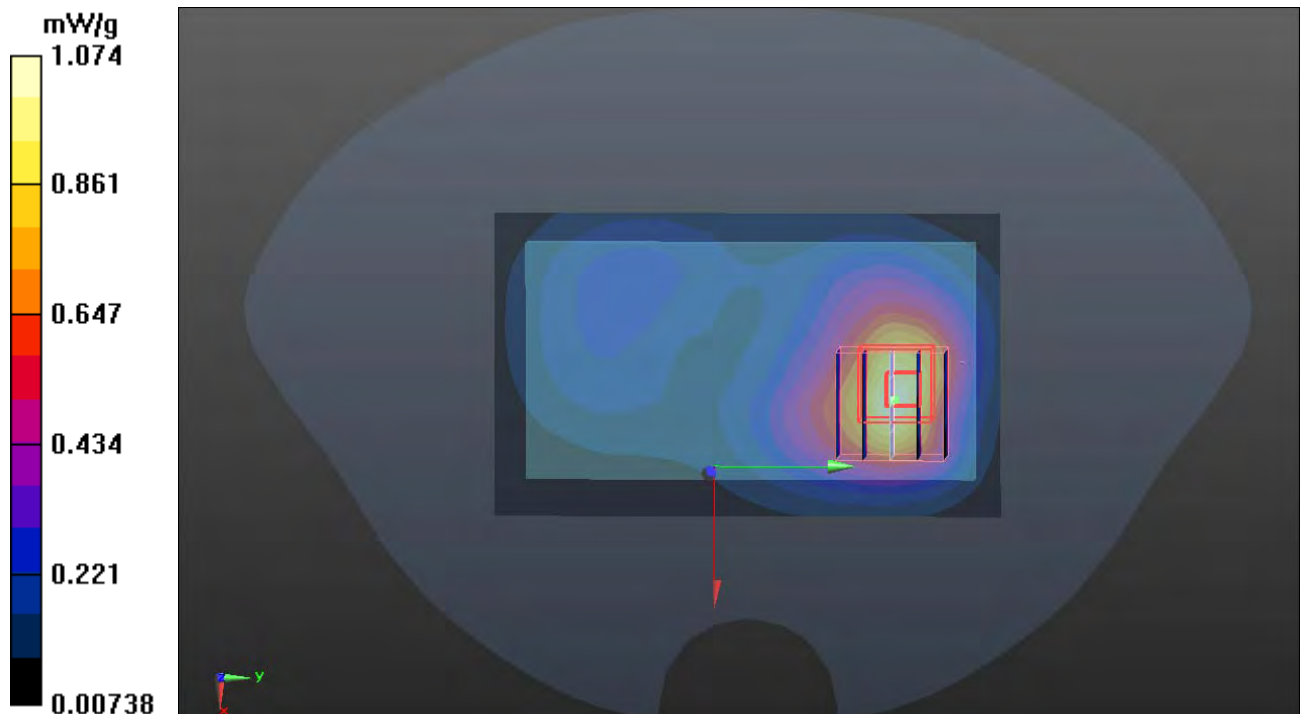
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.244 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.329 W/kg

SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.497 mW/g

Maximum value of SAR (measured) = 1.077 mW/g



P229 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20000_Sample2_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1715 MHz;Duty Cycle: 1:1

Medium: MSL1800_0929 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.492$ mho/m; $\epsilon_r = 52.45$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.77, 8.77, 8.77); Calibrated: 2011/2/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/8/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.234 mW/g

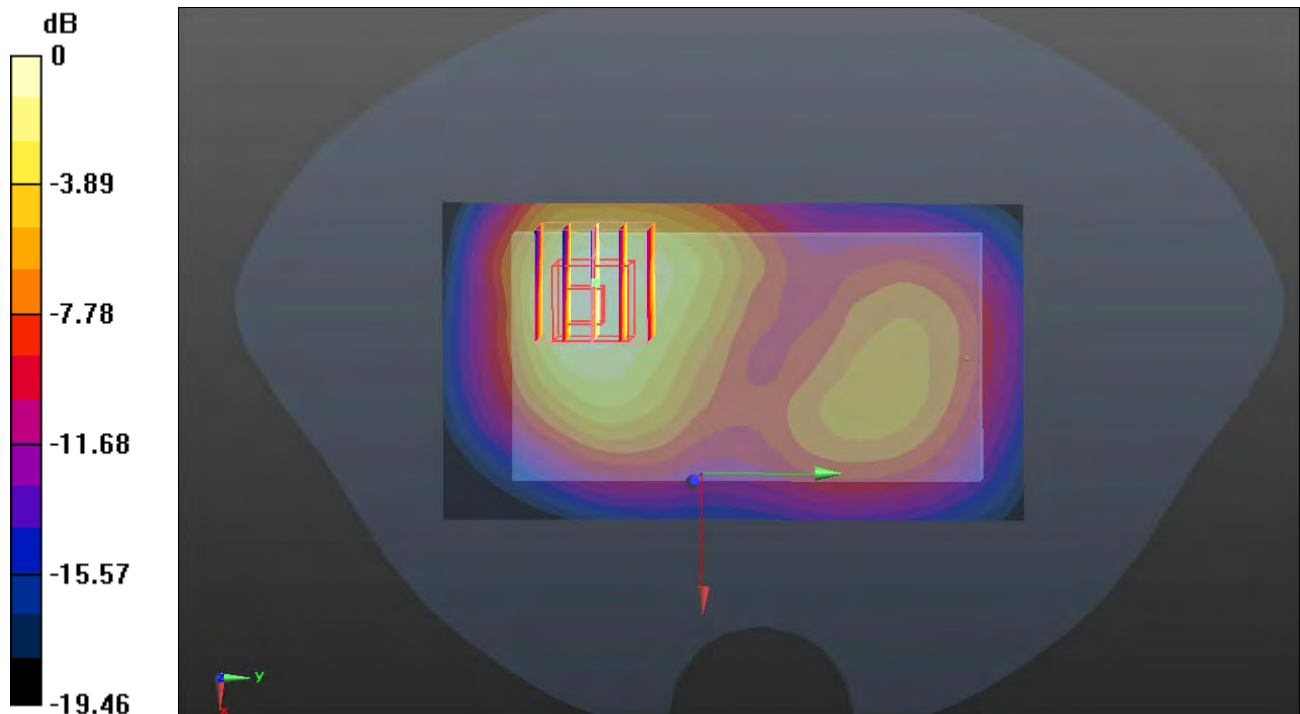
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.809 V/m; Power Drift = -0.0033 dB

Peak SAR (extrapolated) = 1.550 W/kg

SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 1.213 mW/g



0 dB = 1.210mW/g

P230 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20350_Sample2_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL1800_0929 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r = 52.312$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.77, 8.77, 8.77); Calibrated: 2011/2/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/8/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.041 mW/g

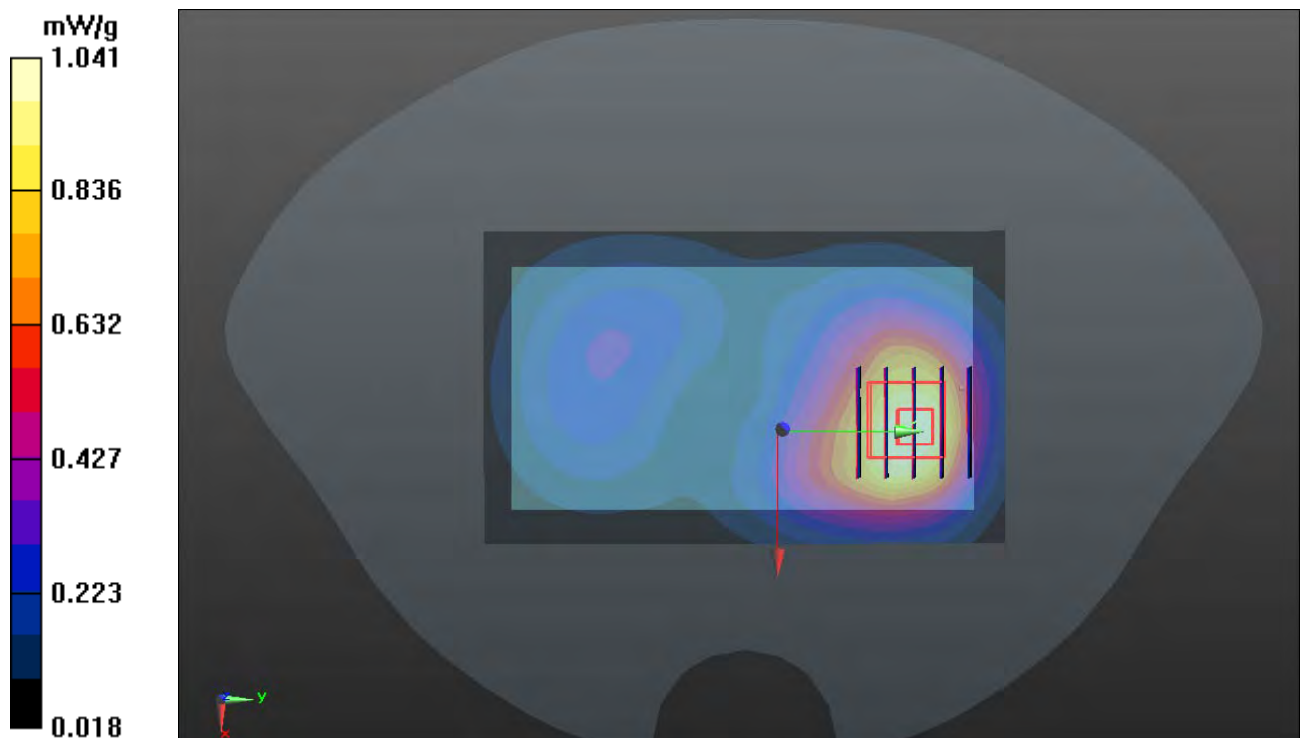
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.397 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.381 W/kg

SAR(1 g) = 0.842 mW/g; SAR(10 g) = 0.516 mW/g

Maximum value of SAR (measured) = 1.101 mW/g



P231 LTE Band IV_QPSK_RB1U_Rear Face_1cm_Ch20175_Sample2_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium: MSL1800_0929 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.51$ mho/m;
 $\epsilon_r = 52.377$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.77, 8.77, 8.77); Calibrated: 2011/2/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/8/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Configuration/Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.941 mW/g

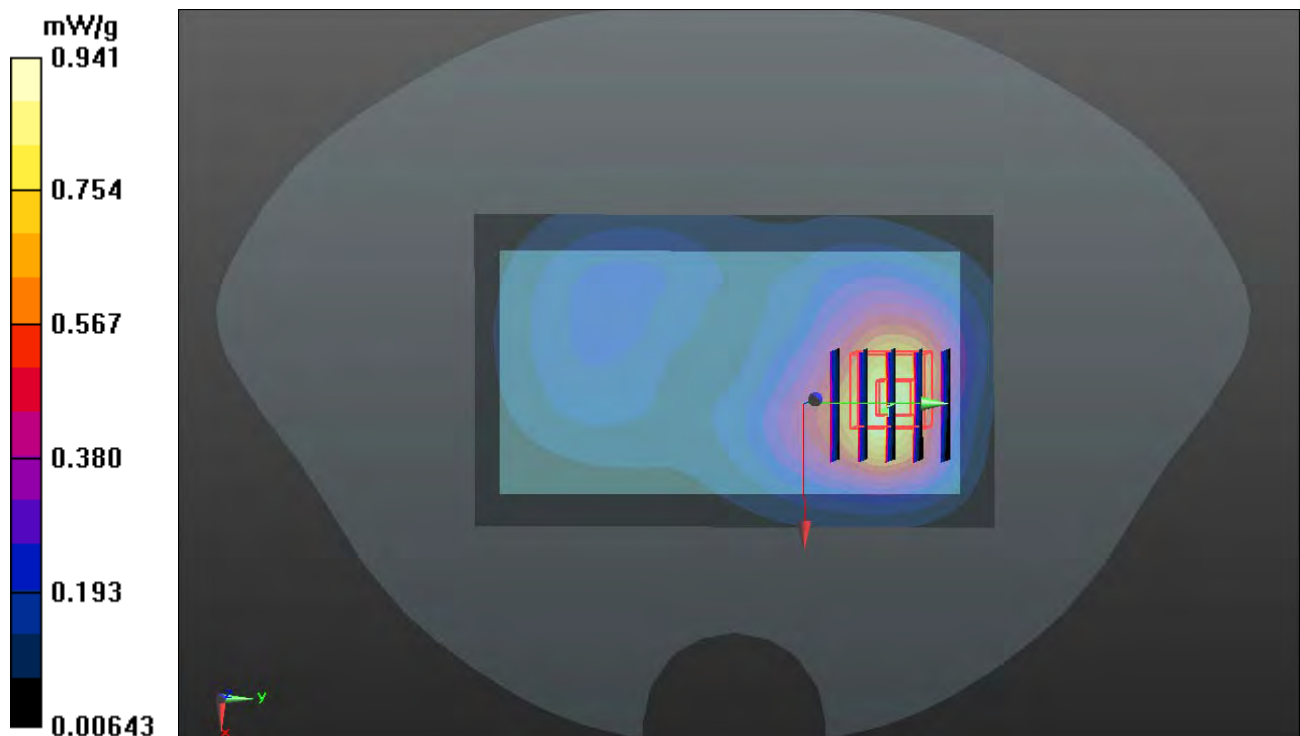
Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.425 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.116 W/kg

SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.919 mW/g



P122 LTE Band IV_QPSK_RB1L_Front Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Frontt; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.610 mW/g

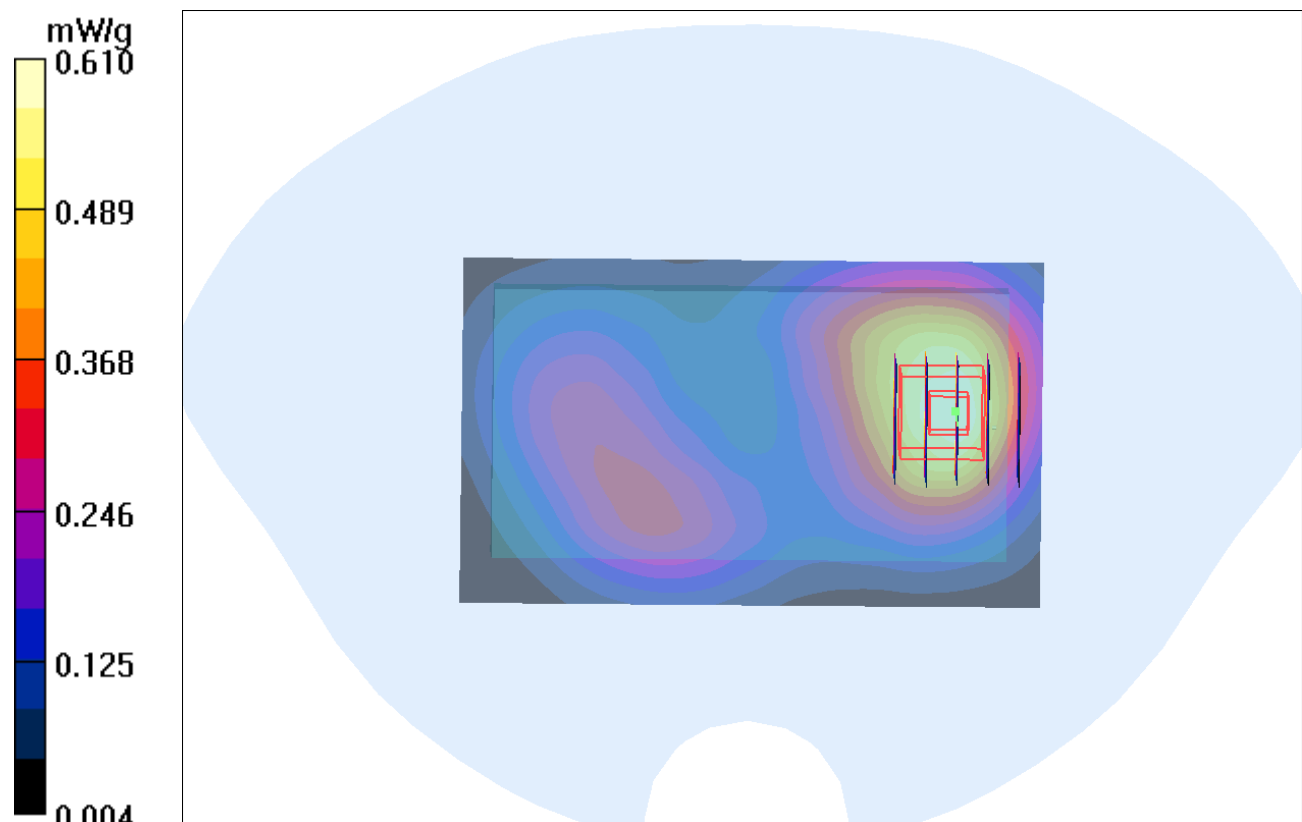
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.87 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.601 mW/g



P123 LTE Band IV_QPSK_RB1L_Rear Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

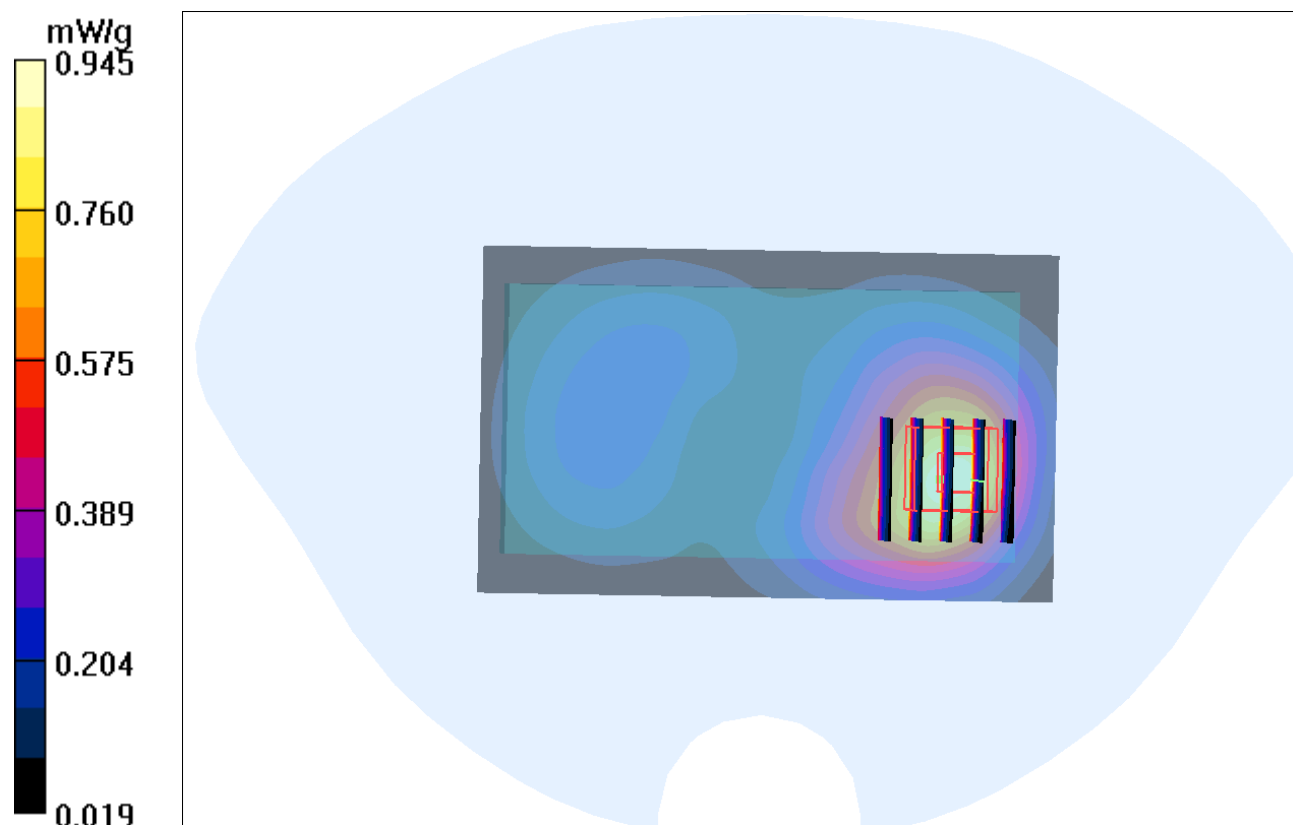
Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.918 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.53 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.449 mW/g
Maximum value of SAR (measured) = 0.945 mW/g



P124 LTE Band IV_QPSK_RB1L_Left Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1
 Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

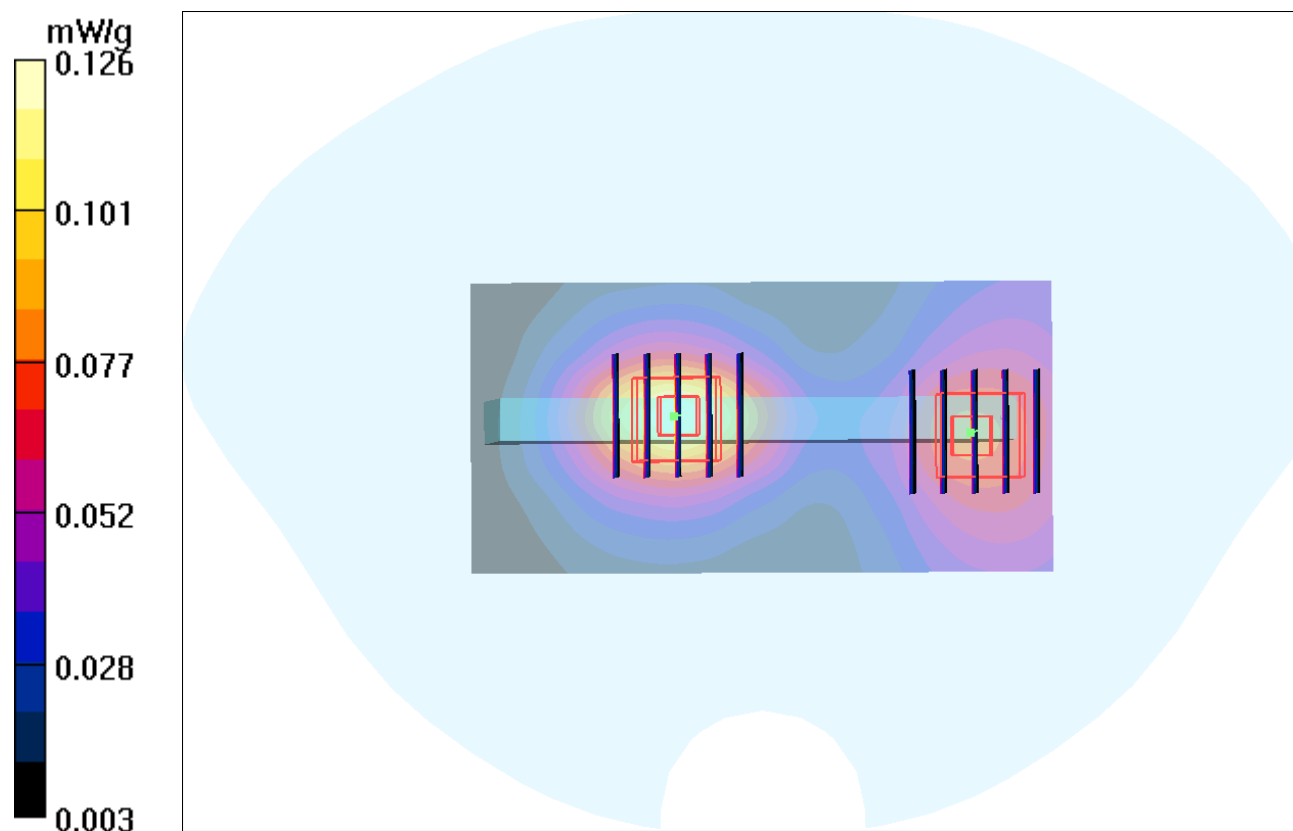
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.126 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 7.27 V/m; Power Drift = 0.013 dB
 Peak SAR (extrapolated) = 0.144 W/kg
SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.059 mW/g
 Maximum value of SAR (measured) = 0.122 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 7.27 V/m; Power Drift = 0.013 dB
 Peak SAR (extrapolated) = 0.097 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.042 mW/g
 Maximum value of SAR (measured) = 0.082 mW/g



P125 LTE Band IV_QPSK_RB1L_Right Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

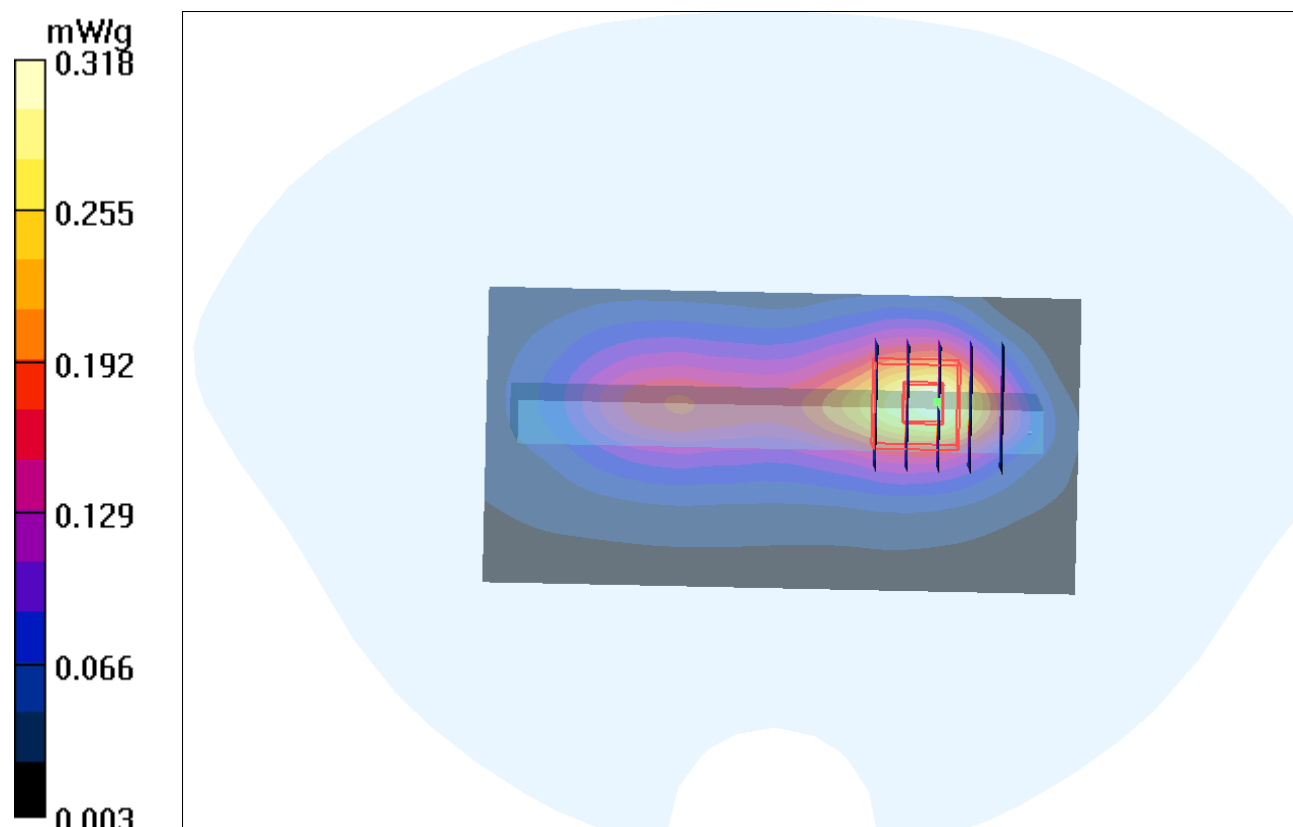
Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL 1800_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.318 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.0 V/m; Power Drift = 0.045 dB
Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.308 mW/g



P234 LTE Band IV_QPSK_RB1L_Down Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL 1700_0907 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/7/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.424 mW/g

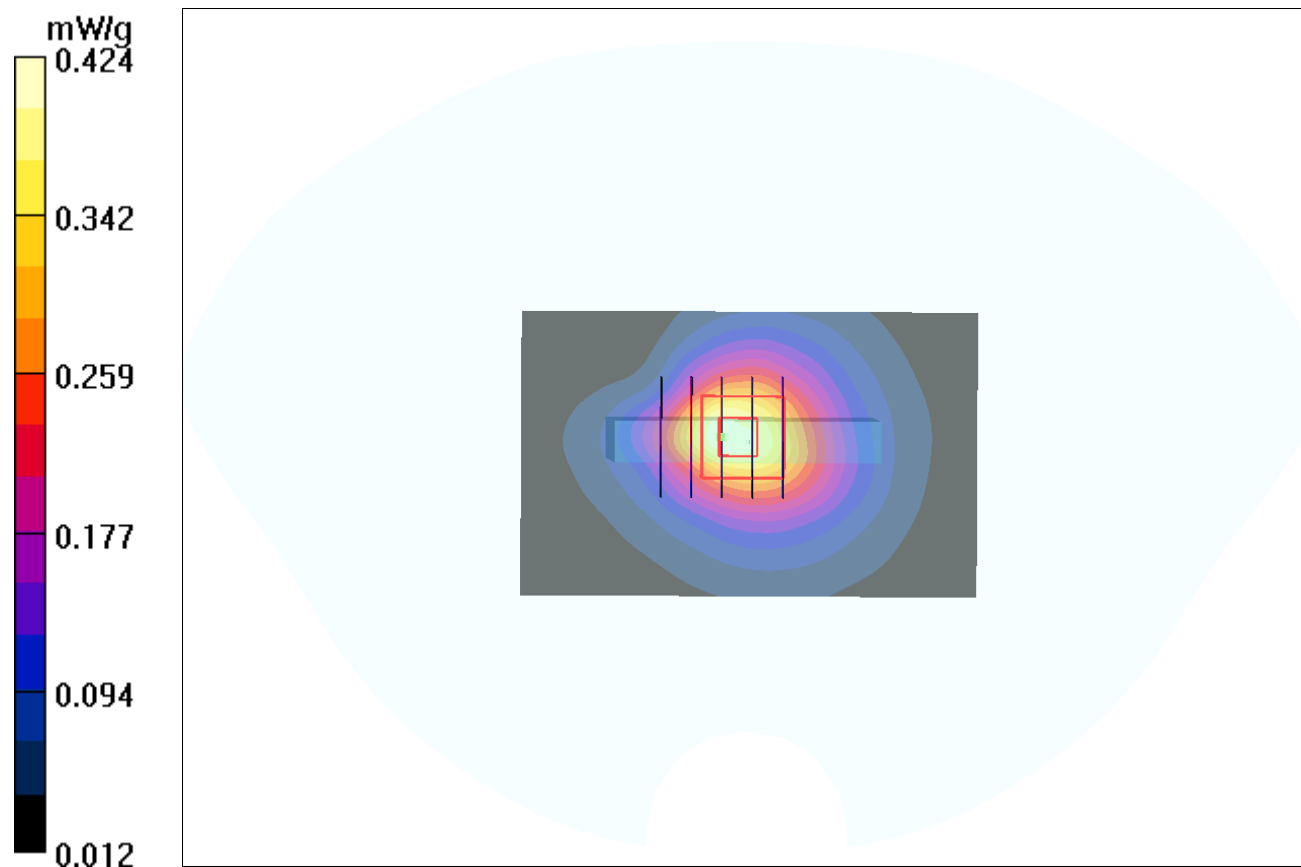
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (measured) = 0.404 mW/g



P139 LTE Band IV_16QAM_RB50%_Front Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL1800_0908 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.598 mW/g

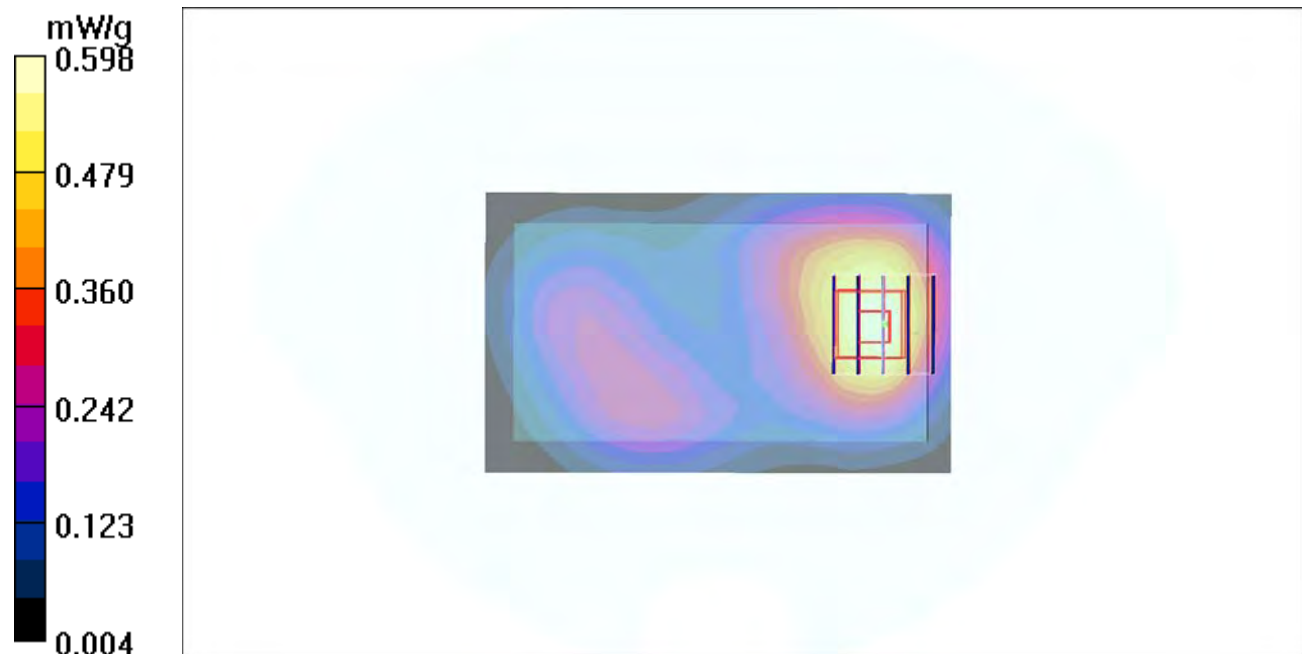
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.31 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.306 mW/g

Maximum value of SAR (measured) = 0.581 mW/g



P140 LTE Band IV_16QAM_RB50%_Rear Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL1800_0913 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.599 mW/g

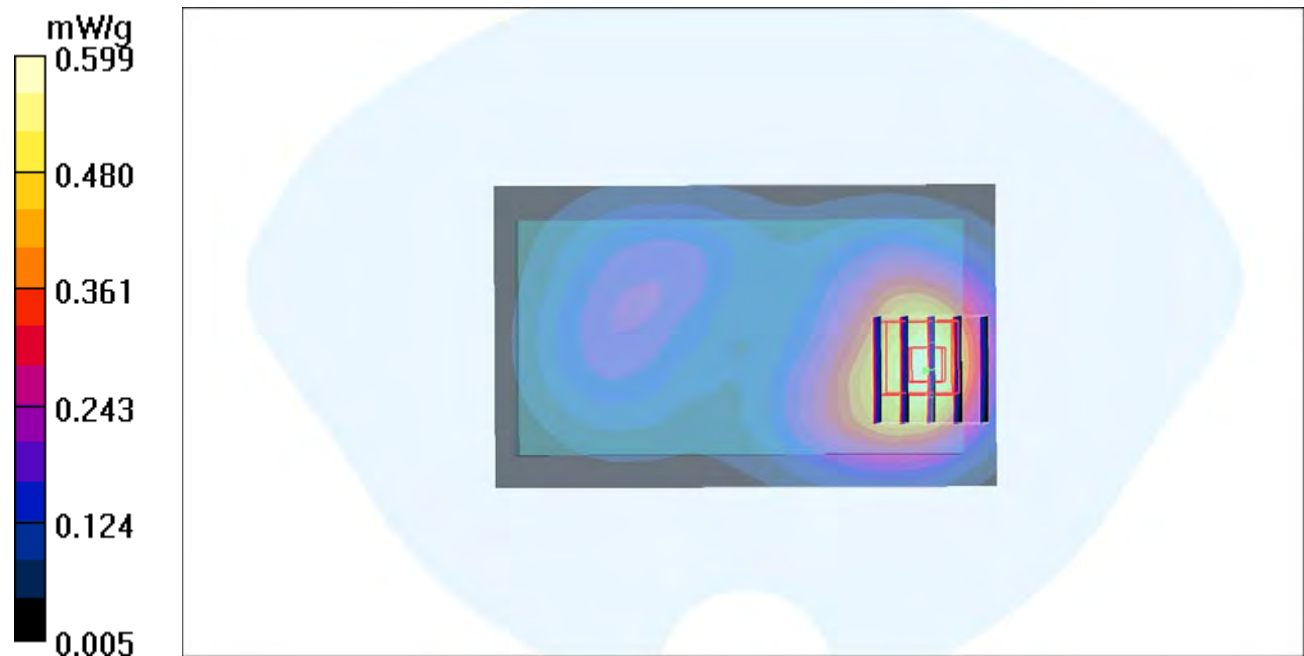
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.65 V/m; Power Drift = 0.189 dB

Peak SAR (extrapolated) = 0.744 W/kg

SAR(1 g) = 0.477 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.621 mW/g



P141 LTE Band IV_16QAM_RB50%_Left Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL1800_0913 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.7$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.114 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.02 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.116 mW/g

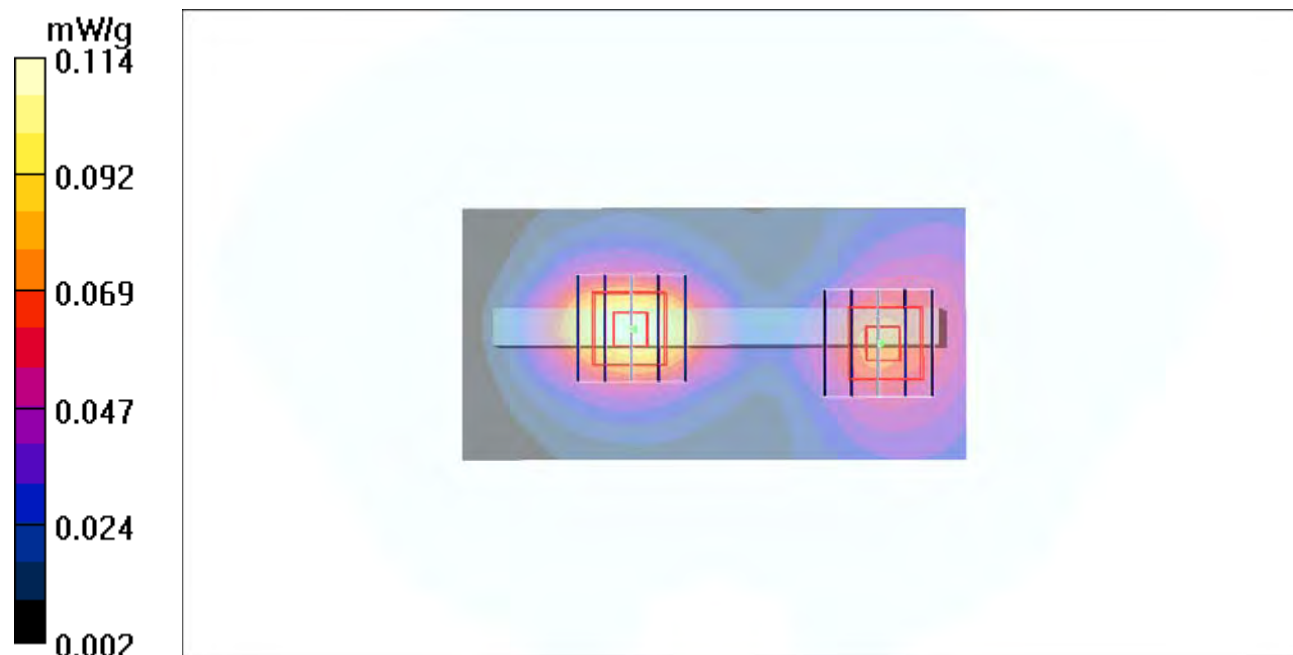
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.02 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.078 mW/g



P142 LTE Band IV_16QAM_RB50%_Right Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL1800_0913 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.7$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.352 mW/g

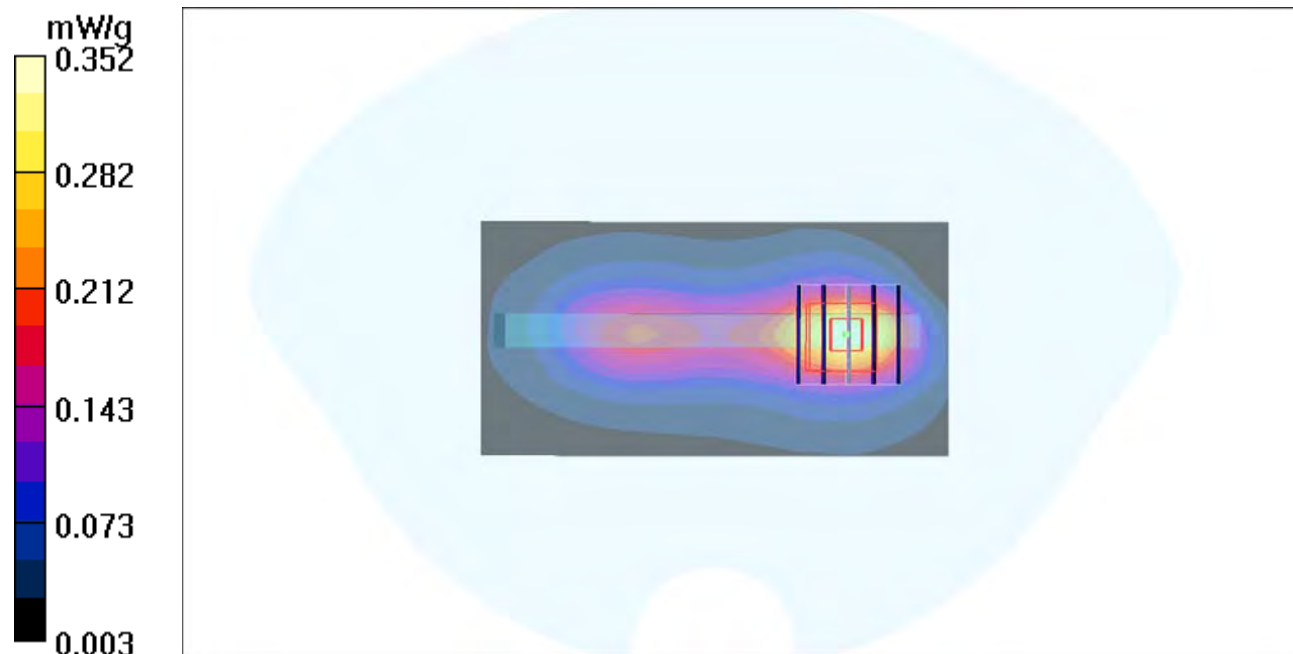
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.337 mW/g



P235 LTE Band IV_16QAM_RB50%_Down Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL1800_0908 Medium parameters used : $f = 1750$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/7/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.319 mW/g

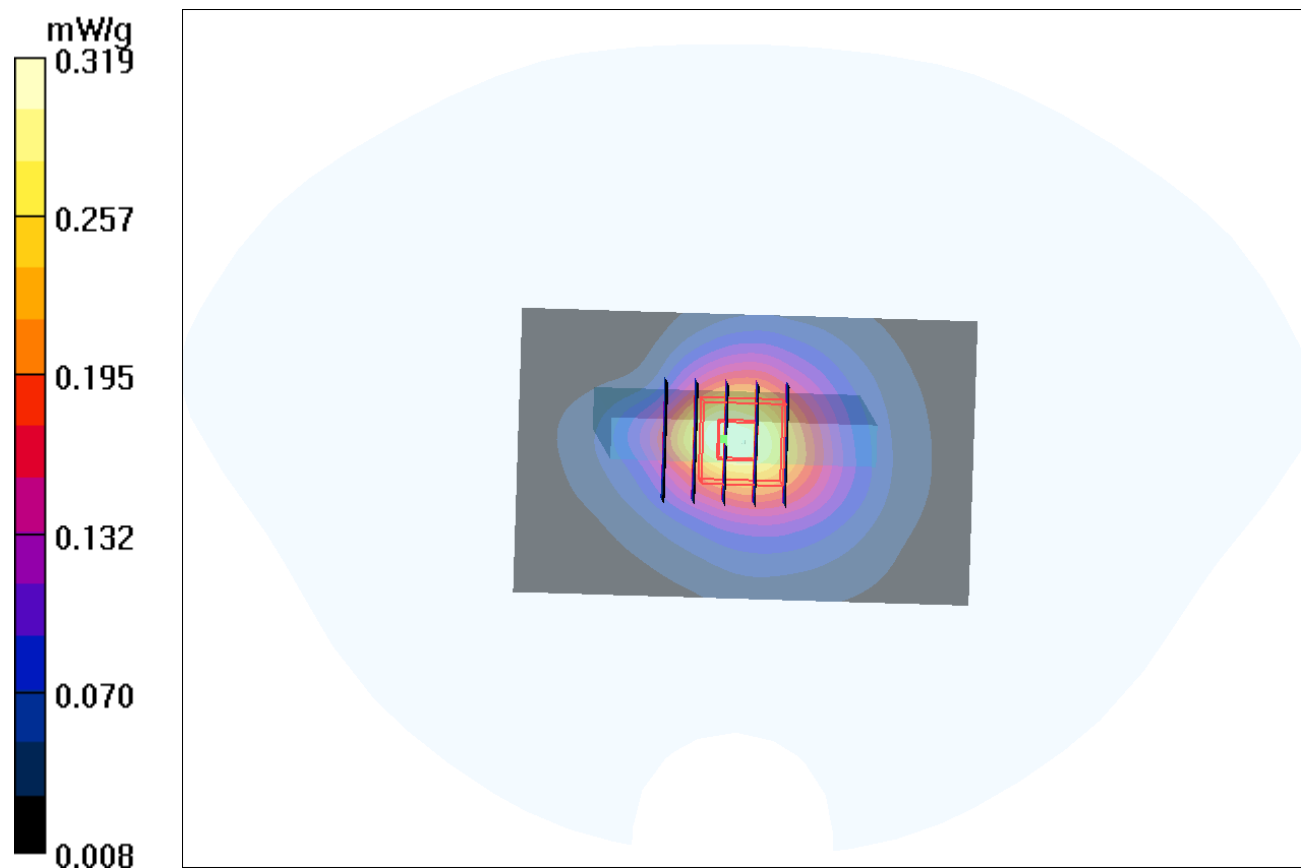
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.313 mW/g



P144 LTE Band IV_16QAM_RB1U_Front Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL1800_0913 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.695 mW/g

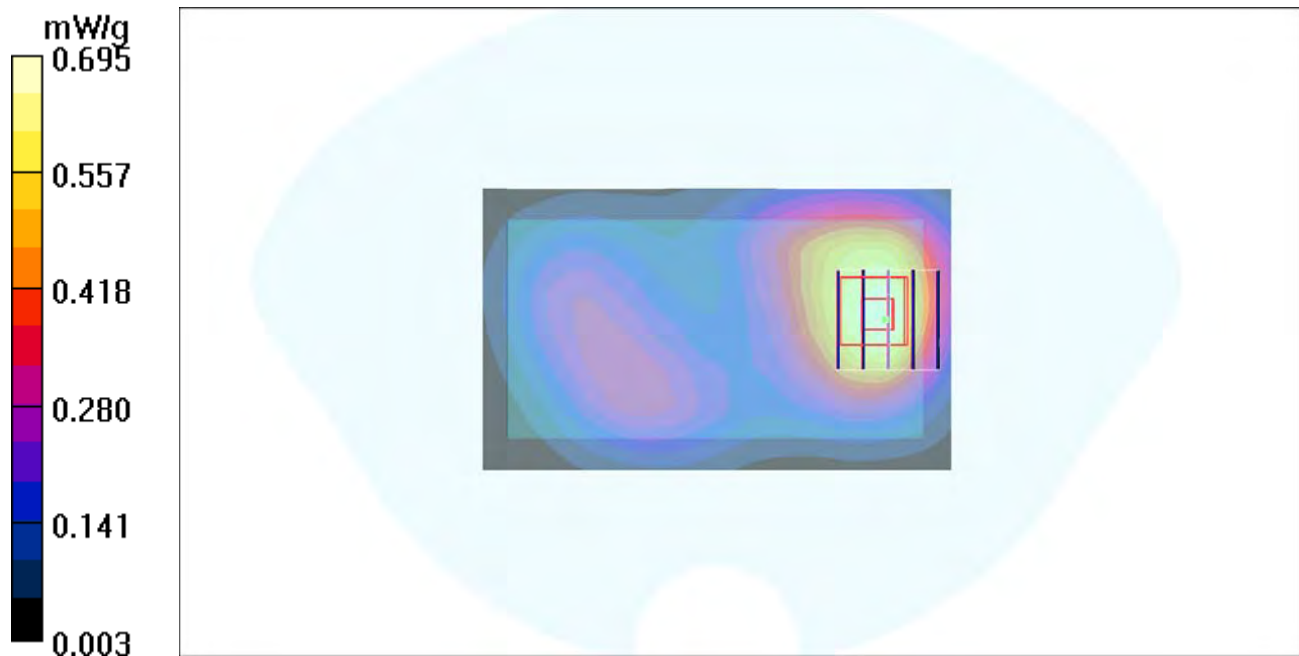
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.810 W/kg

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.687 mW/g



P145 LTE Band IV_16QAM_RB1U_Rear Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL1800_0913 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.890 mW/g

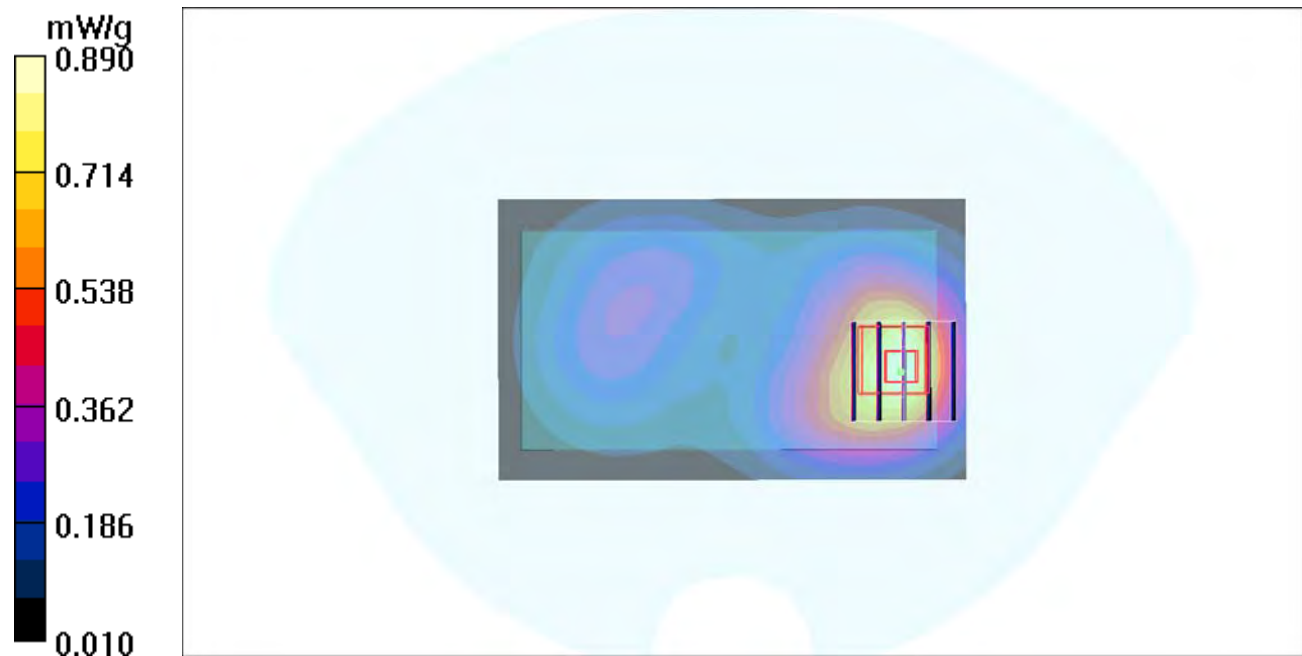
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.43 V/m; Power Drift = 0.194 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 0.912 mW/g



P146 LTE Band IV_16QAM_RB1U_Left Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL1800_0908 Medium parameters used : $f = 1750$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.128 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.33 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.132 mW/g

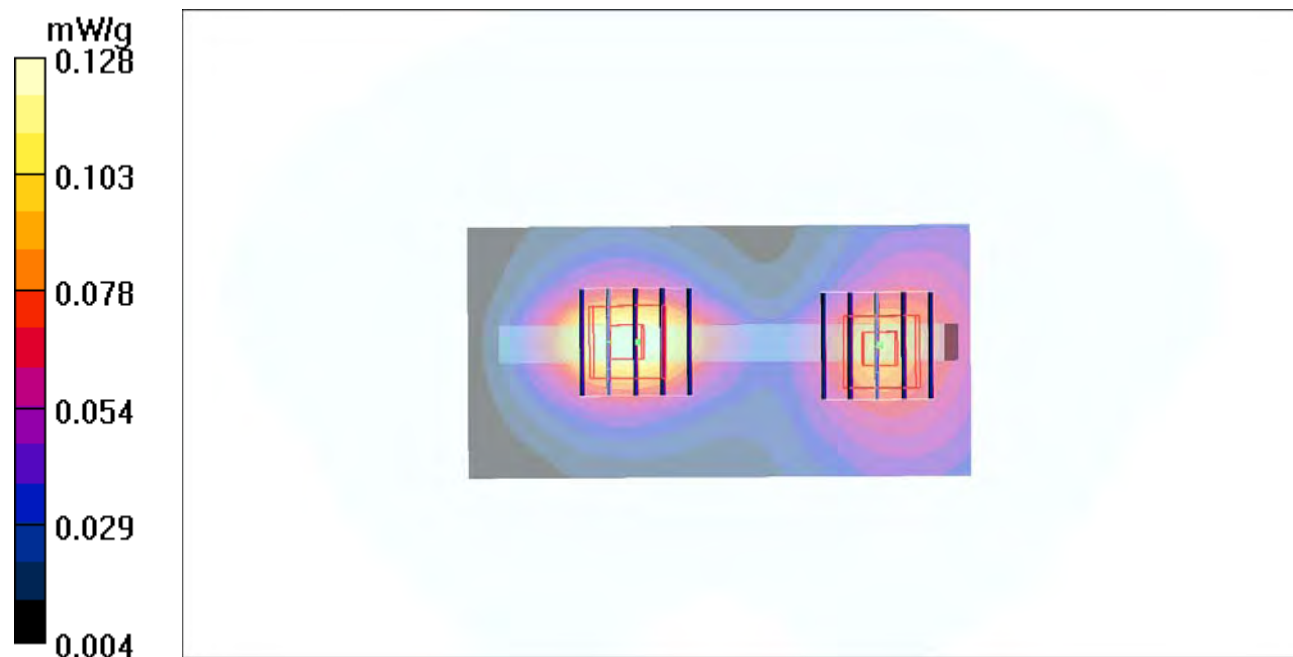
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.33 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.101 mW/g



P147 LTE Band IV_16QAM_RB1U_Right Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL1800_0908 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.428 mW/g

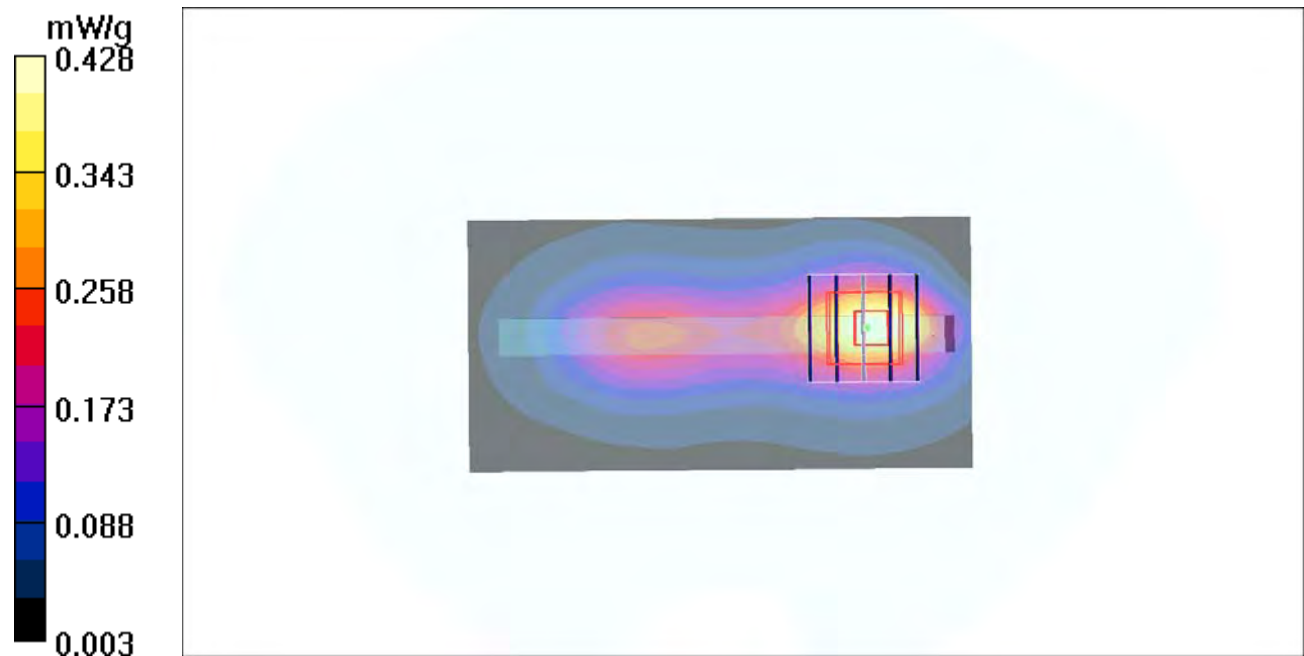
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.422 mW/g



P236 LTE Band IV_16QAM_RB1U_Down Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL1800_0908 Medium parameters used (interpolated): $f = 1750$ MHz; $\sigma = 1.49$ mho/m;

$\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1277; Calibrated: 2011/7/29

- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.437 mW/g

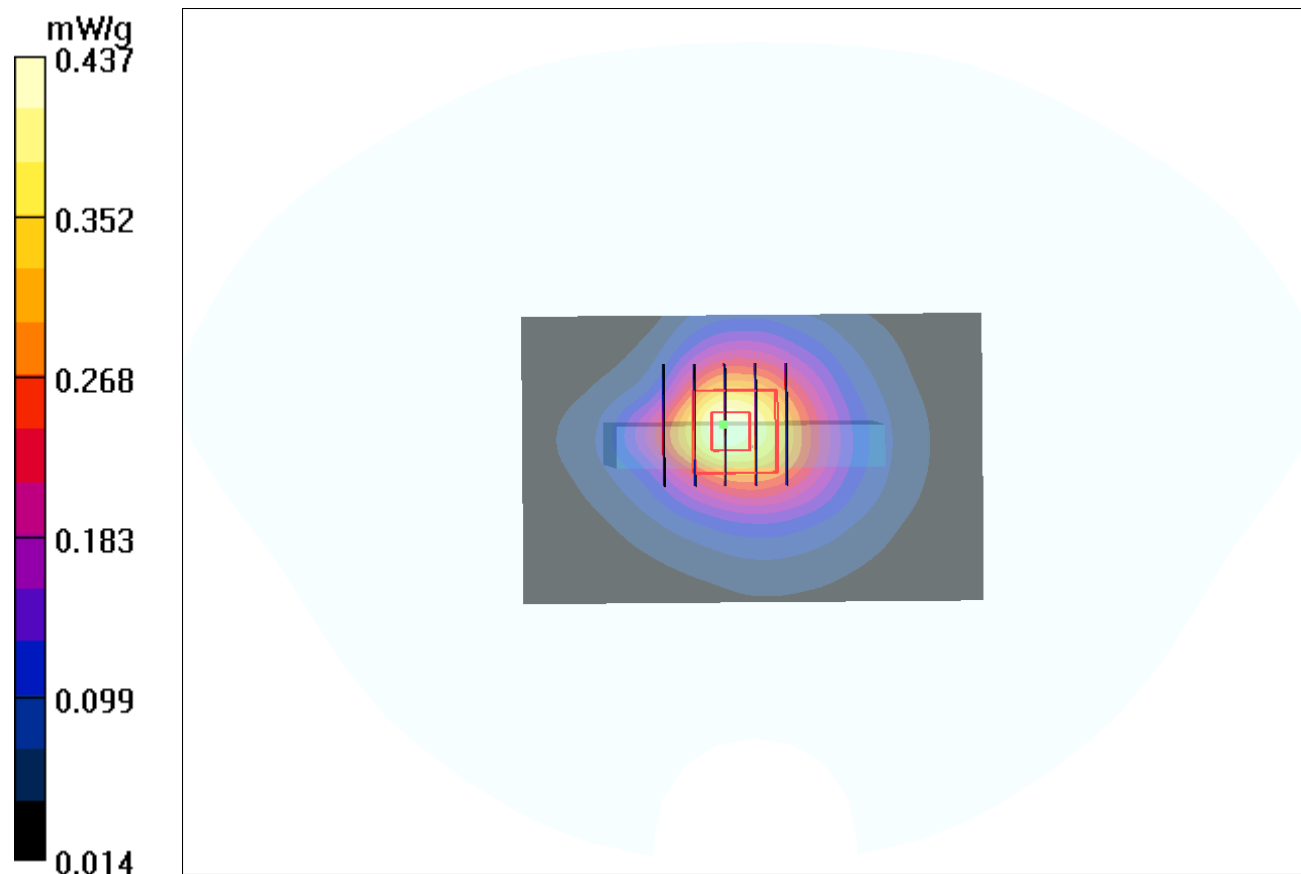
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = 0.682 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.432 mW/g



P216 LTE Band IV_16QAM_RB1U_Rear Face_1cm_Ch20000_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL1800_0913 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20000/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 mW/g

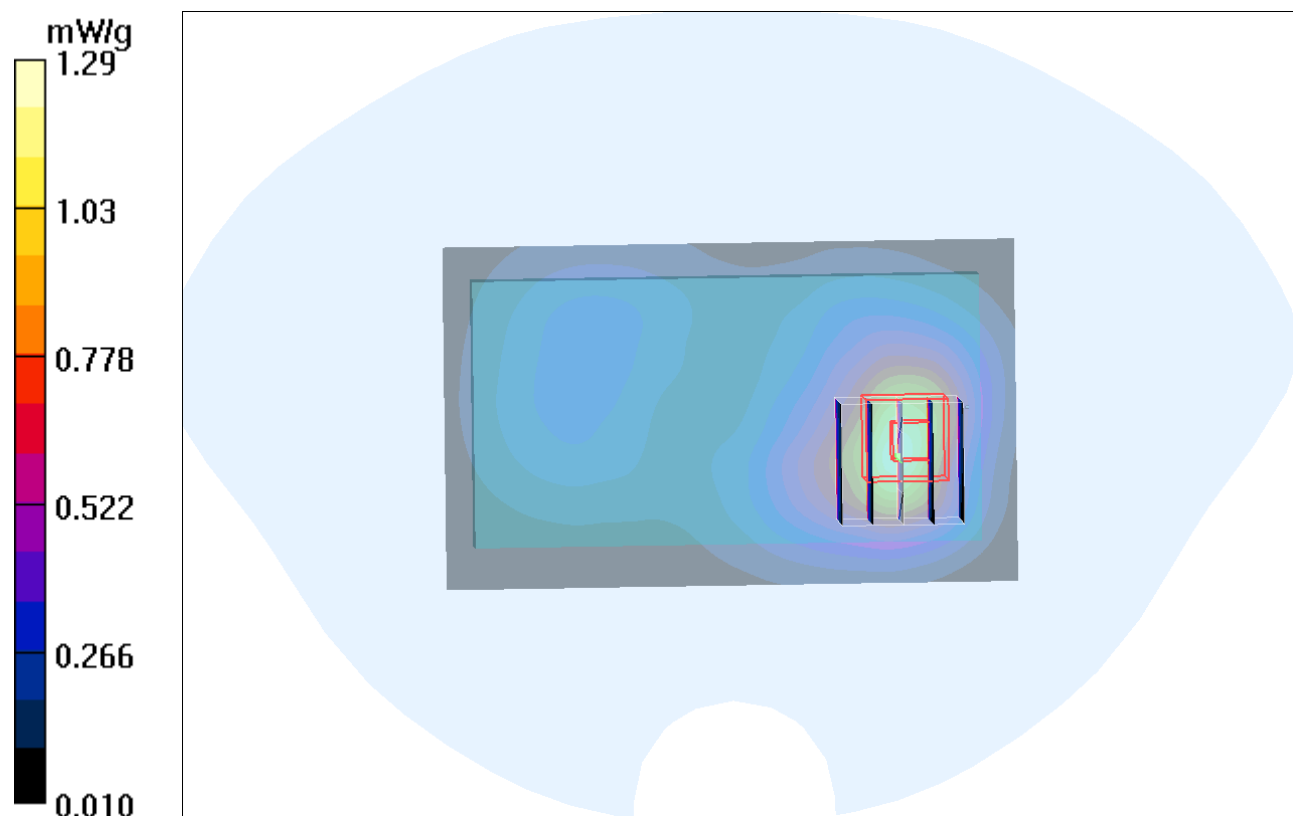
Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.566 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



P217 LTE Band IV_16QAM_RB1U_Rear Face_1cm_Ch20175_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL1800_0913 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.890 mW/g

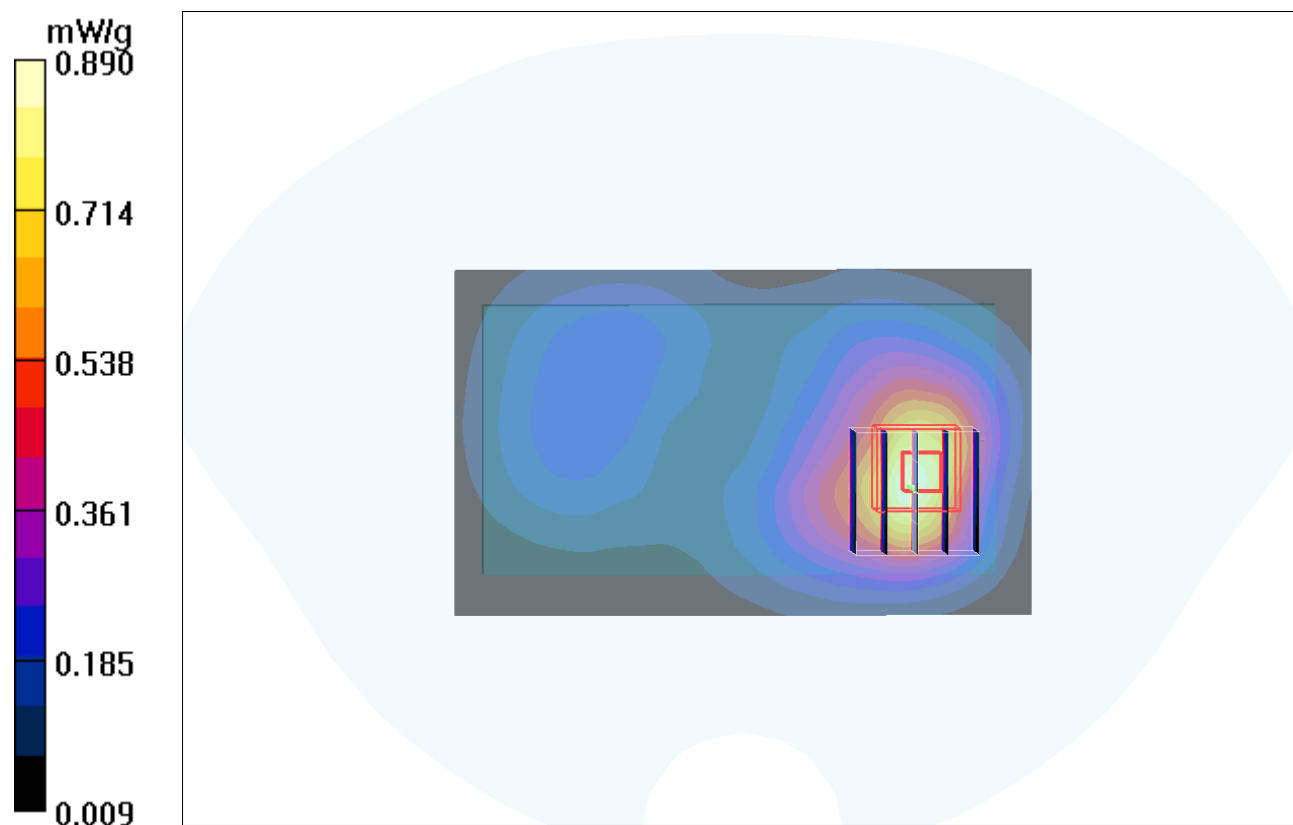
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.96 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 0.858 mW/g



P219 LTE Band IV_16QAM_RB1U_Rear Face_1cm_Ch20000_Sample1_Battery1_Earphone1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL1800_0913 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20000/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.16 mW/g

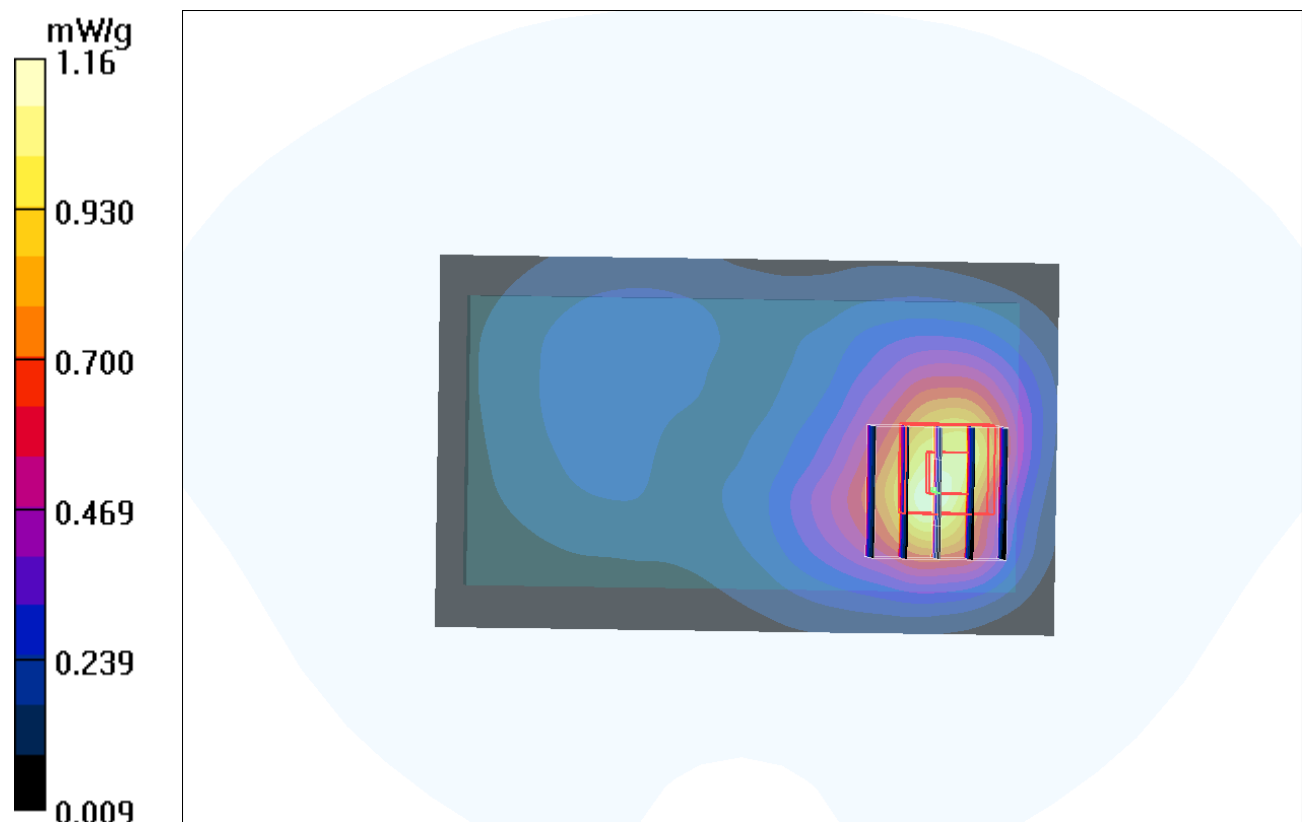
Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 1.15 mW/g



P222 LTE Band IV_16QAM_RB1U_Rear Face_1cm_Ch20350_Sample1_Battery1_Earphone1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL1800_0913 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.830 mW/g

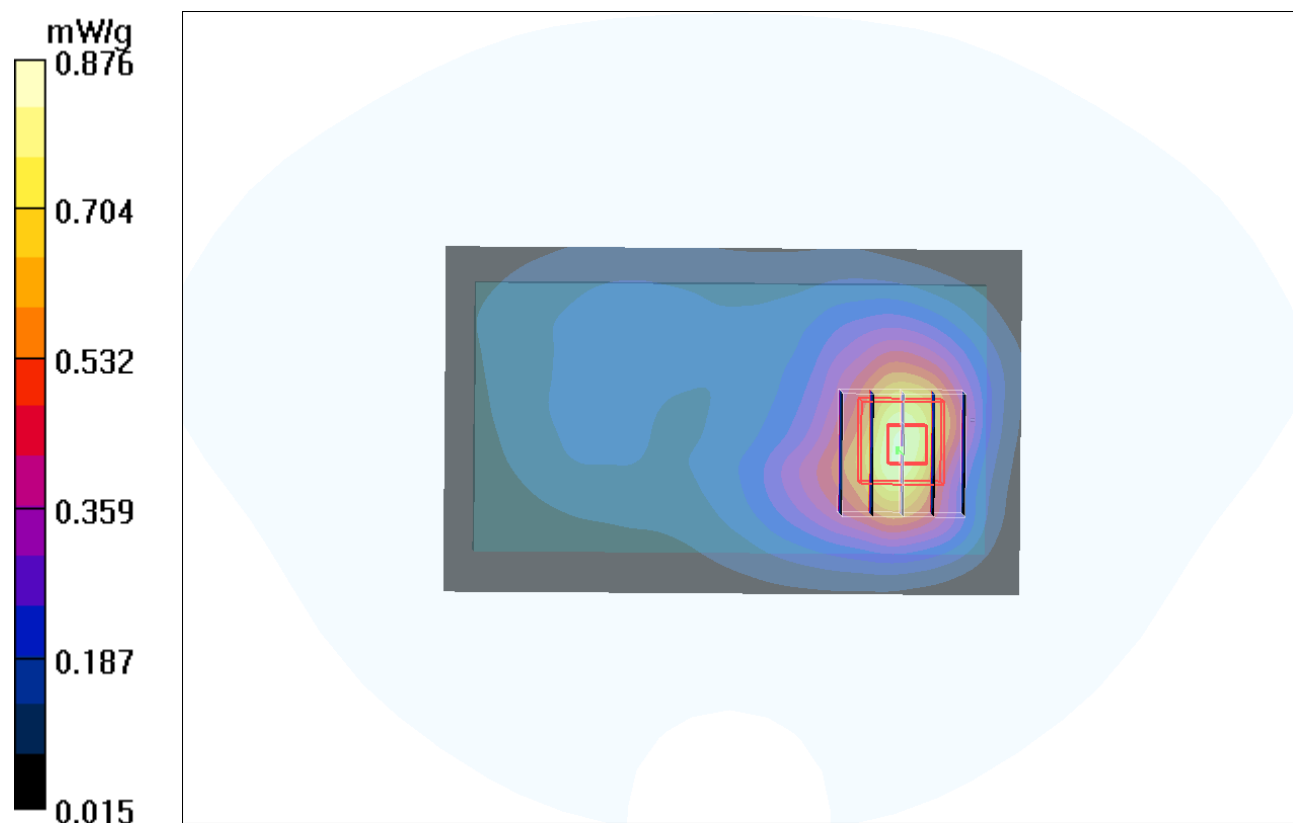
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.85 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.385 mW/g

Maximum value of SAR (measured) = 0.876 mW/g



P223 LTE Band IV_16QAM_RB1U_Rear Face_1cm_Ch20175_Sample1_Battery1_Earphone1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL1800_0913 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.49$

mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.735 mW/g

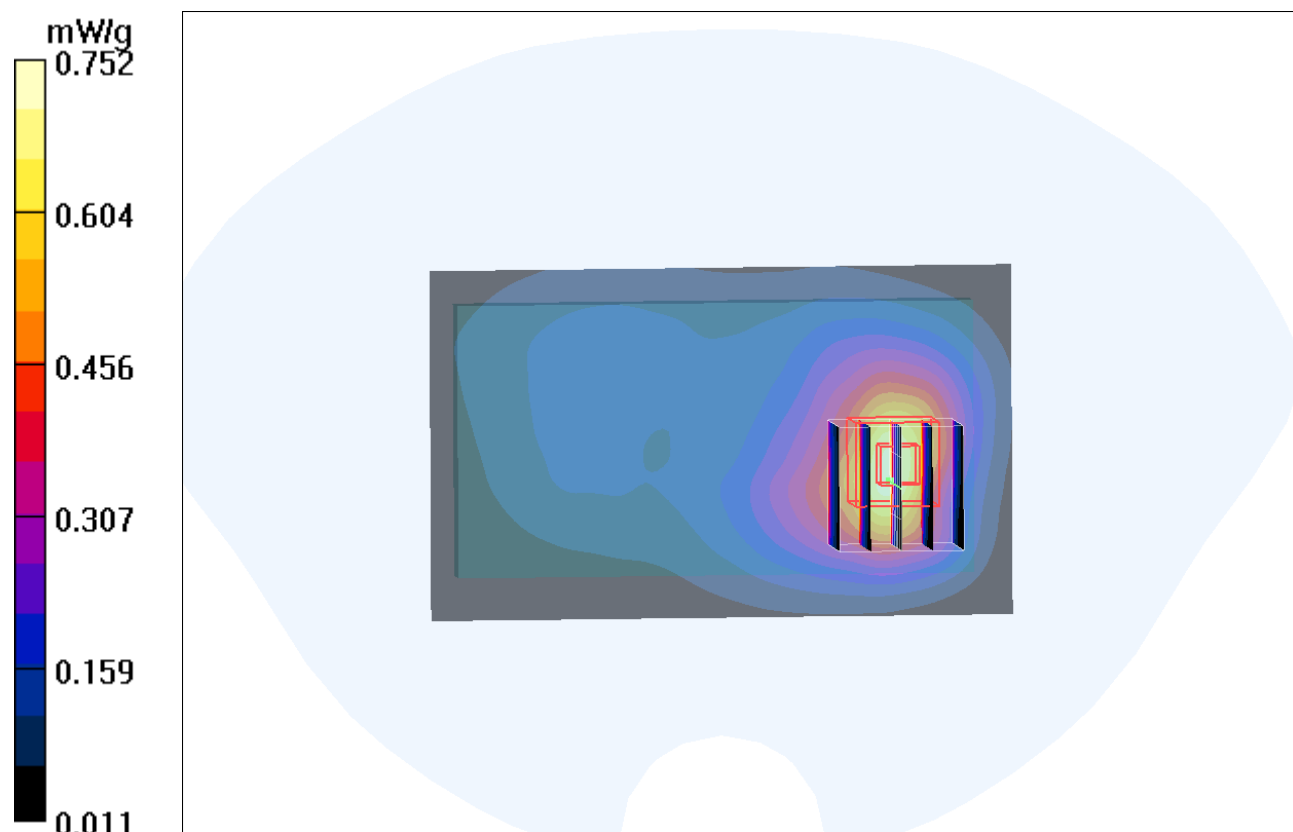
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.82 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.752 mW/g



P149 LTE Band IV_16QAM_RB50%_Front Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL1800_0908 Medium parameters used : $f = 1750$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2010/10/4
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.492 mW/g

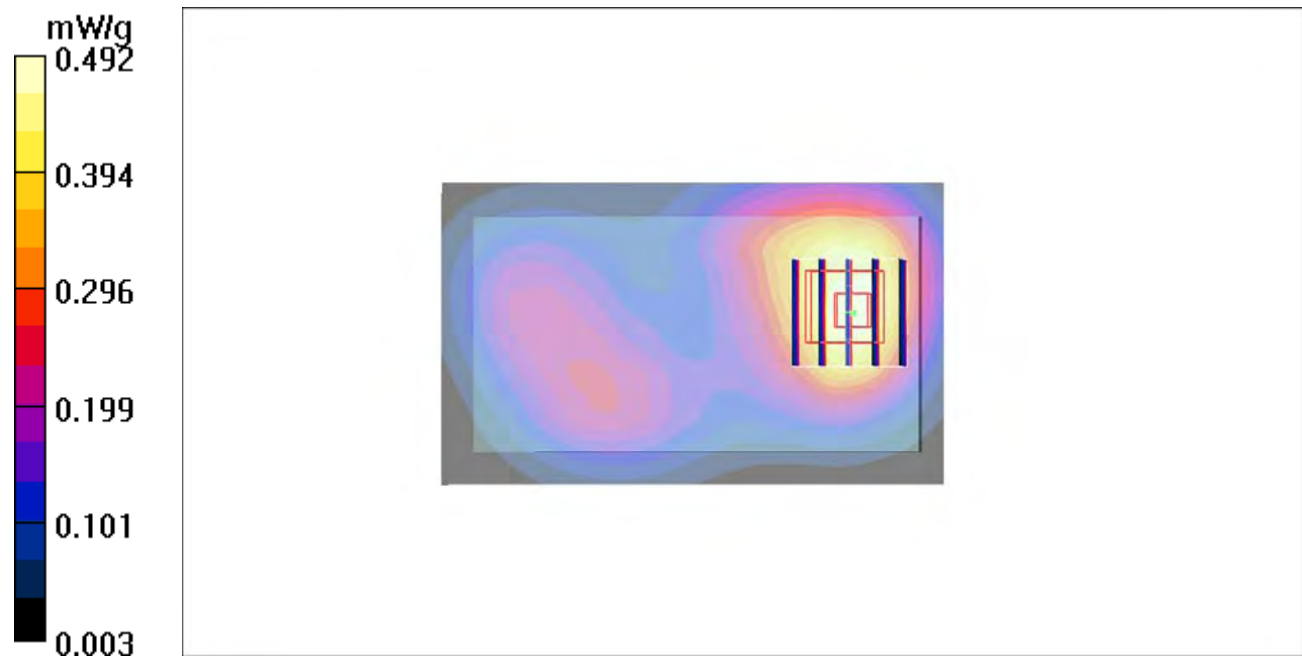
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.21 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 0.499 mW/g



P150 LTE Band IV_16QAM_RB50%_Rear Face_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL1800_0908 Medium parameters used : $f = 1750$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.656 mW/g

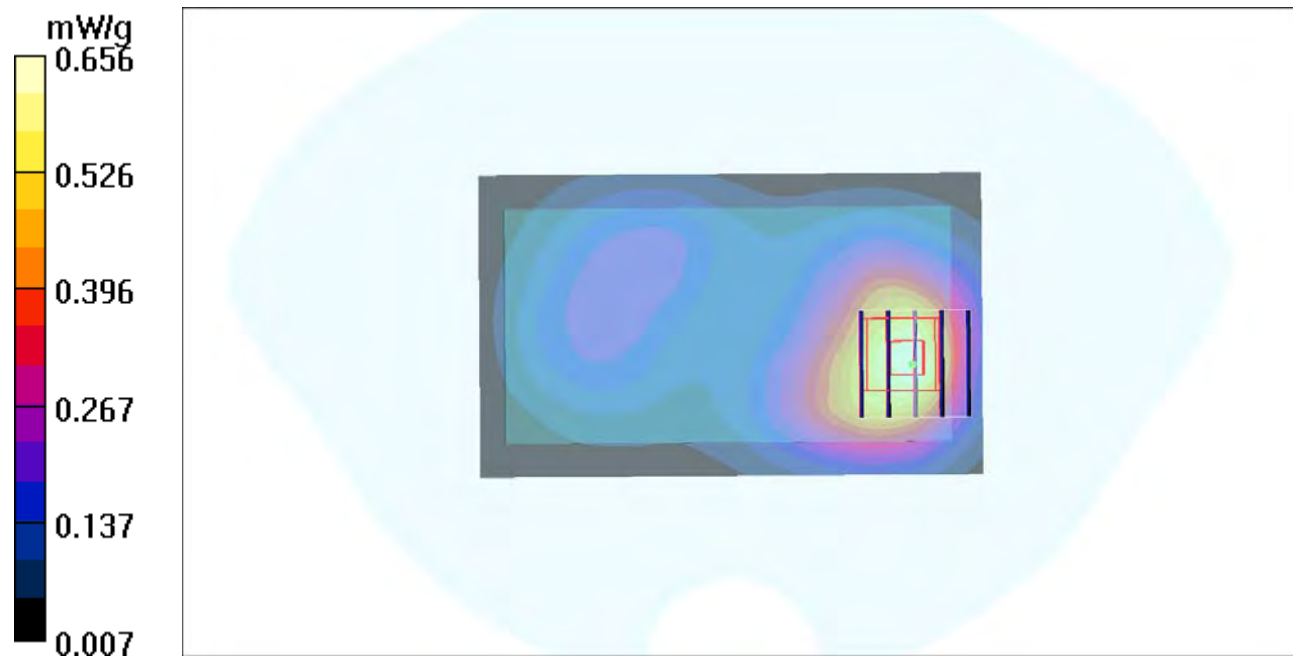
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.13 V/m; Power Drift = 0.068 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.506 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.668 mW/g



P151 LTE Band IV_16QAM_RB50%_Left Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL1800_0908 Medium parameters used : $f = 1750$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.105 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.48 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.104 mW/g

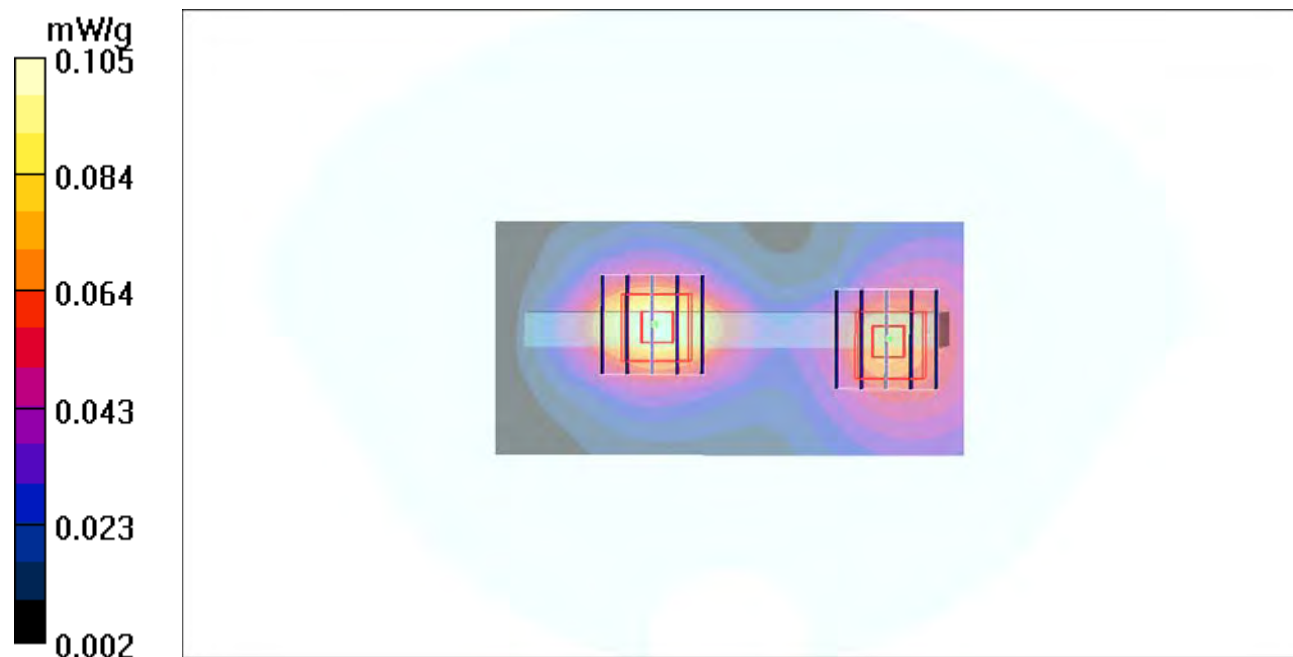
Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.48 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.093 W/kg

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.077 mW/g



P152 LTE Band IV_16QAM_RB1L_Right Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL1800_0908 Medium parameters used : $f = 1750$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2010/10/4

- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.305 mW/g

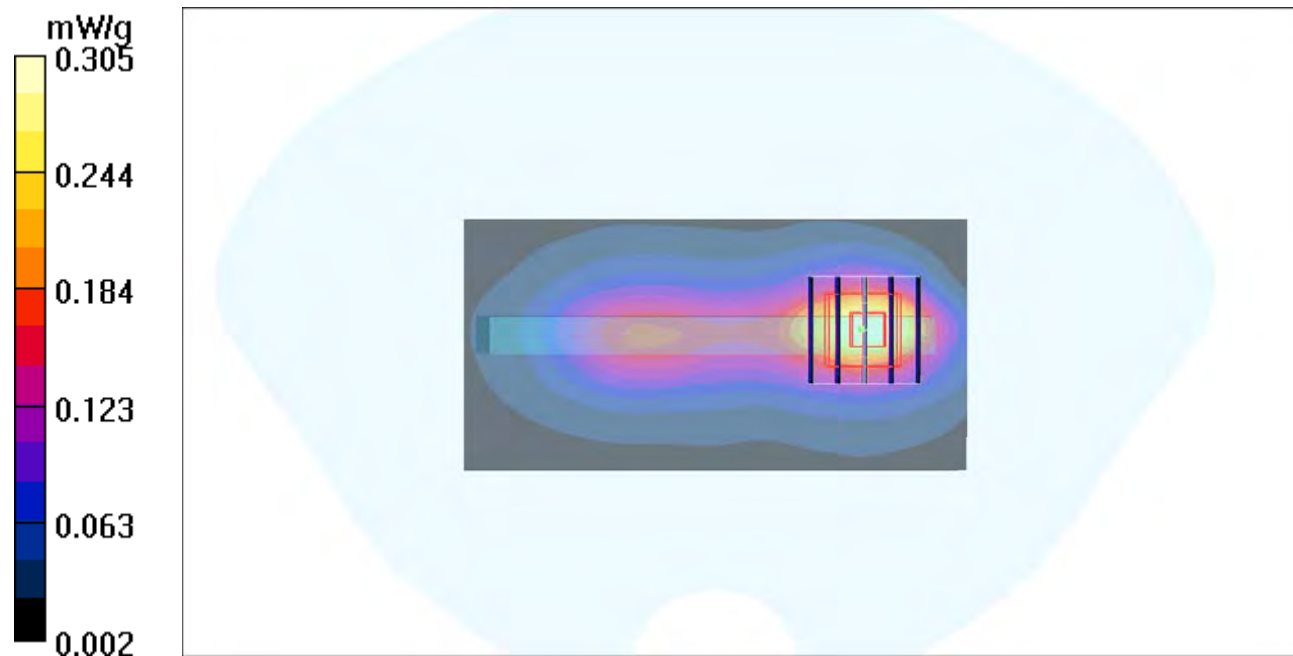
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.296 mW/g



P237 LTE Band IV_16QAM_RB1L_Down Side_1cm_Ch20350_Sample1_Battery1

DUT: 110805C09

Communication System: LTE band4 (1700); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL1800_0908 Medium parameters used : $f = 1750$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/7/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.359 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.342 mW/g

