

P01 GSM850_Right Cheek_Ch189_Battery1

DUT: 120406C01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: H835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.560 mW/g

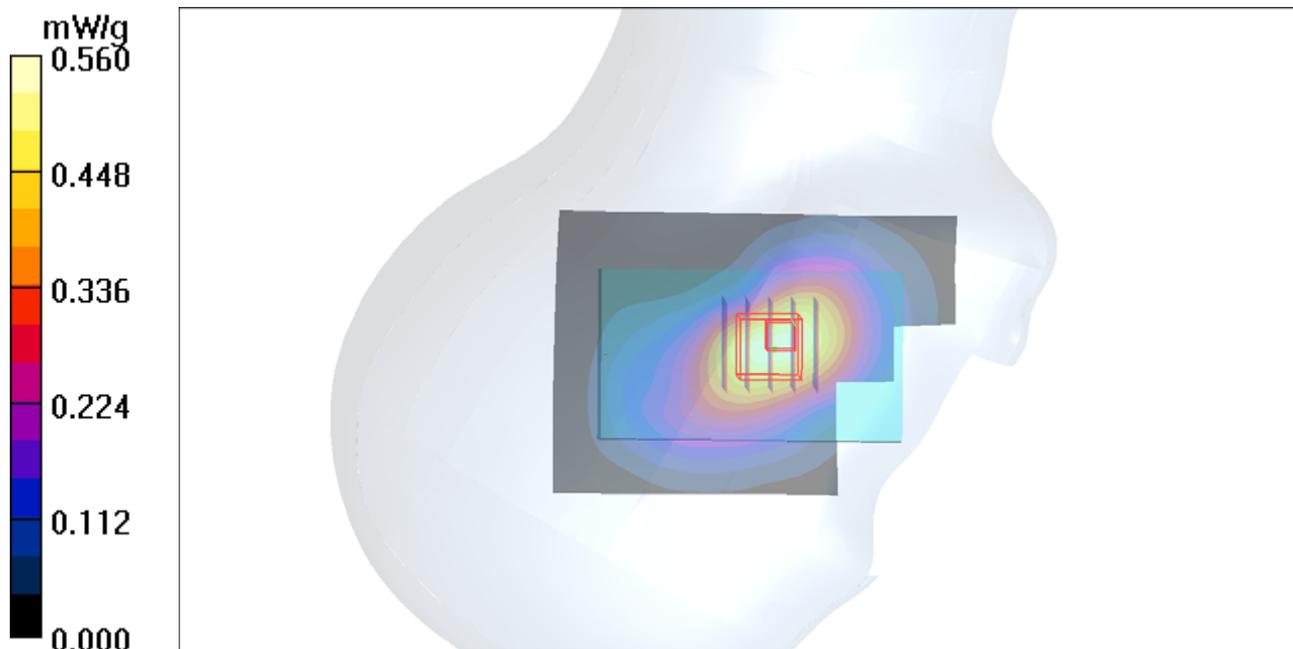
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.49 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.330 mW/g

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



P02 GSM850_Right Tilted_Ch189_Battery1

DUT: 120406C01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: H835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.323 mW/g

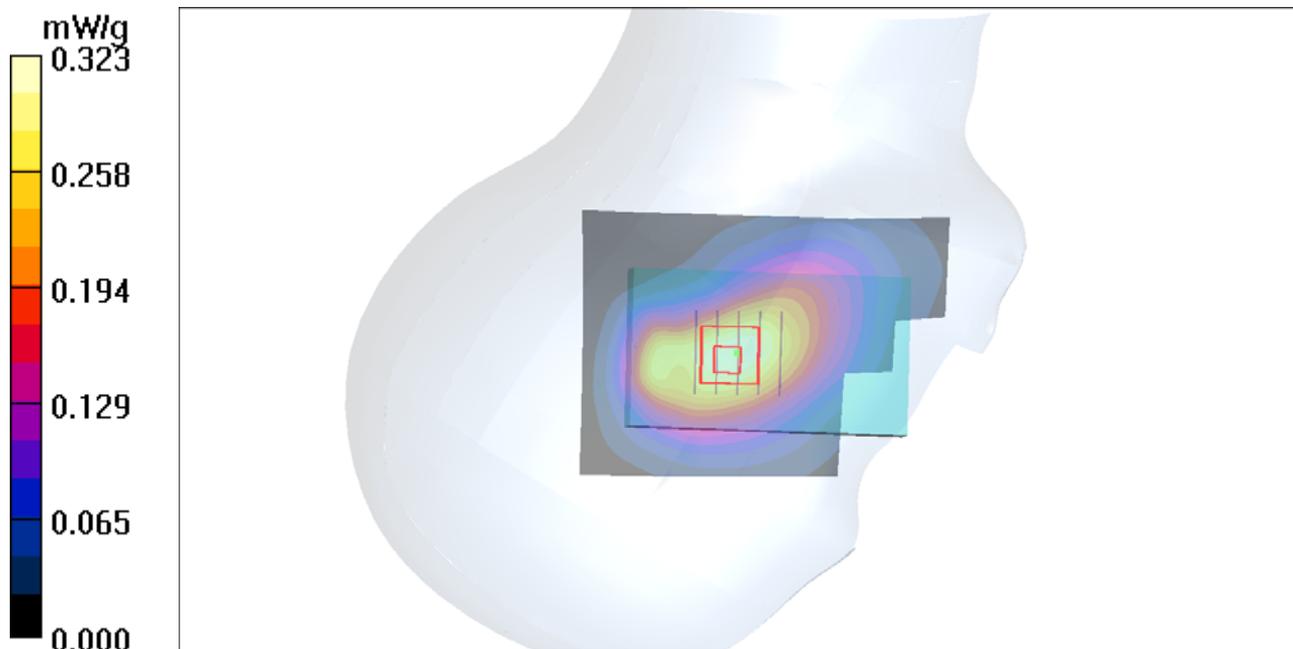
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.308 mW/g



P03 GSM850_Left Cheek_Ch189_Battery1

DUT: 120406C01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: H835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

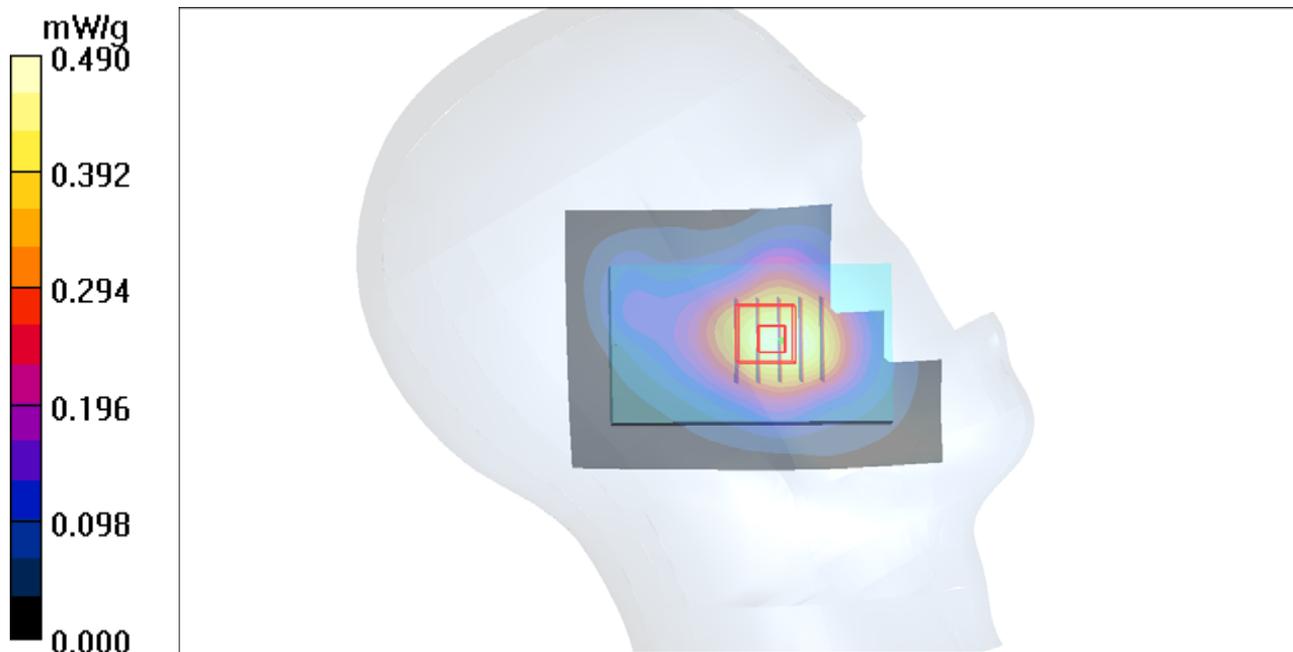
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.417 mW/g



P04 GSM850_Left Tilted_Ch189_Battery1

DUT: 120406C01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: H835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.355 mW/g

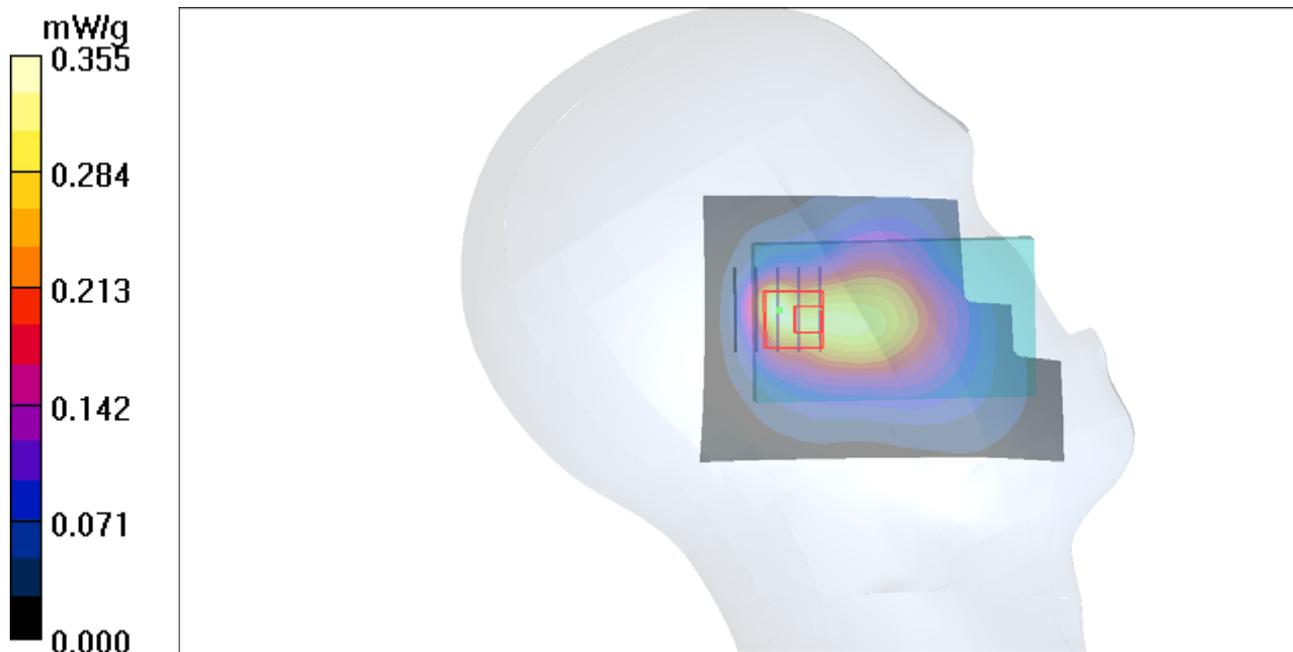
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.160 mW/g

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



P06 GSM850_GPRS10_Right Cheek_Ch189_Battery1

DUT: 120406C01

Communication System: GSM850 GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: H835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.870 mW/g

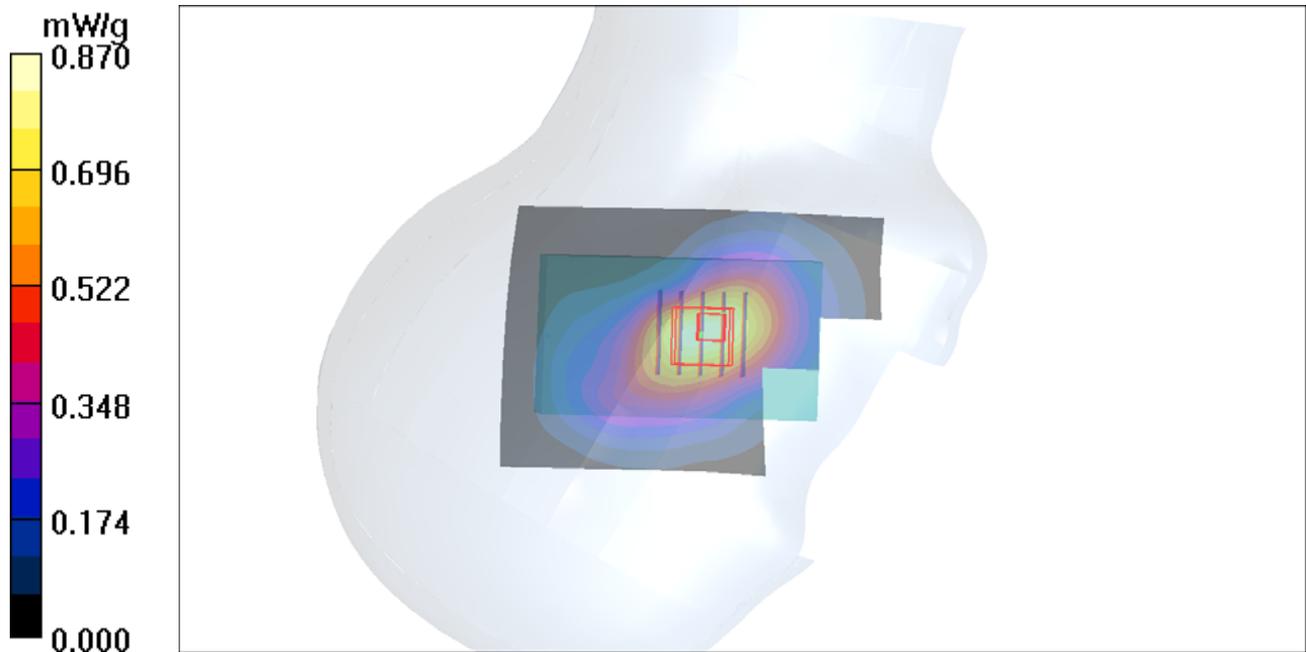
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.836 W/kg

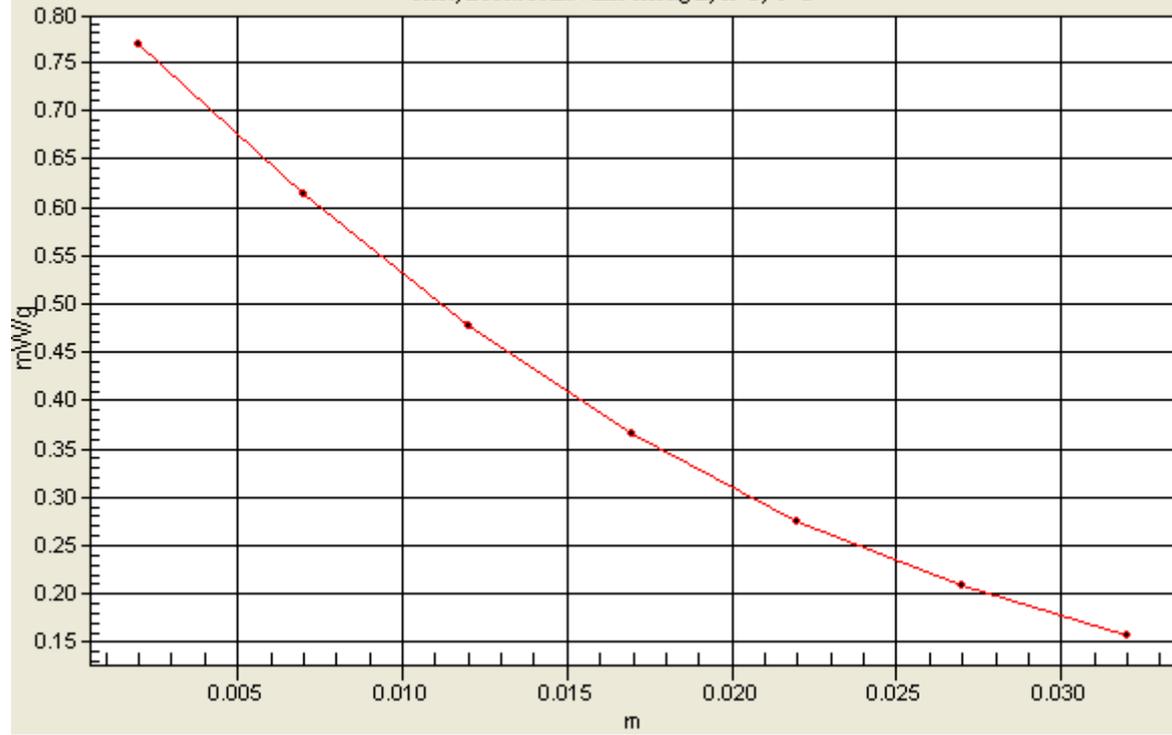
SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.518 mW/g

Maximum value of SAR (measured) = 0.768 mW/g



1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=3, Y=3



P07 GSM850_GPRS10_Right Cheek_Ch189_Battery2

DUT: 120406C01

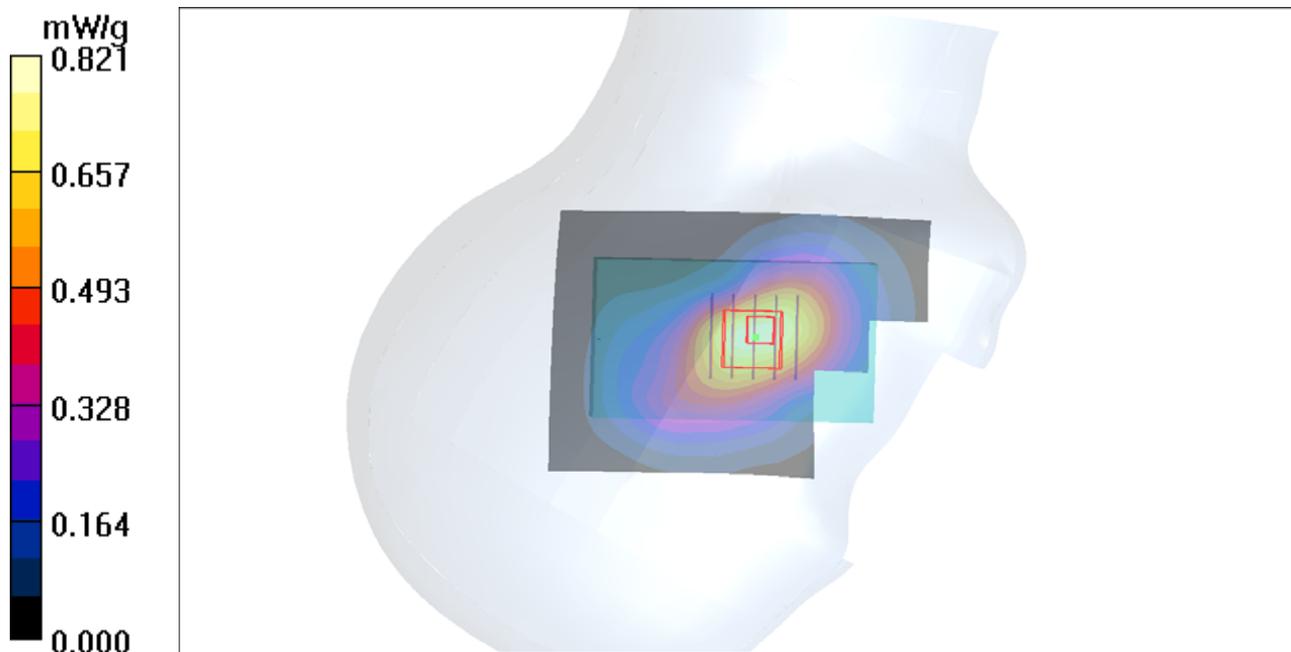
Communication System: GSM850 GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: H835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.8 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.821 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 0.788 W/kg
SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.490 mW/g
Maximum value of SAR (measured) = 0.721 mW/g



P08 GSM1900_Right Cheek_Ch810_Battery1

DUT: 120406C01

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: H1900_0412 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.768 mW/g

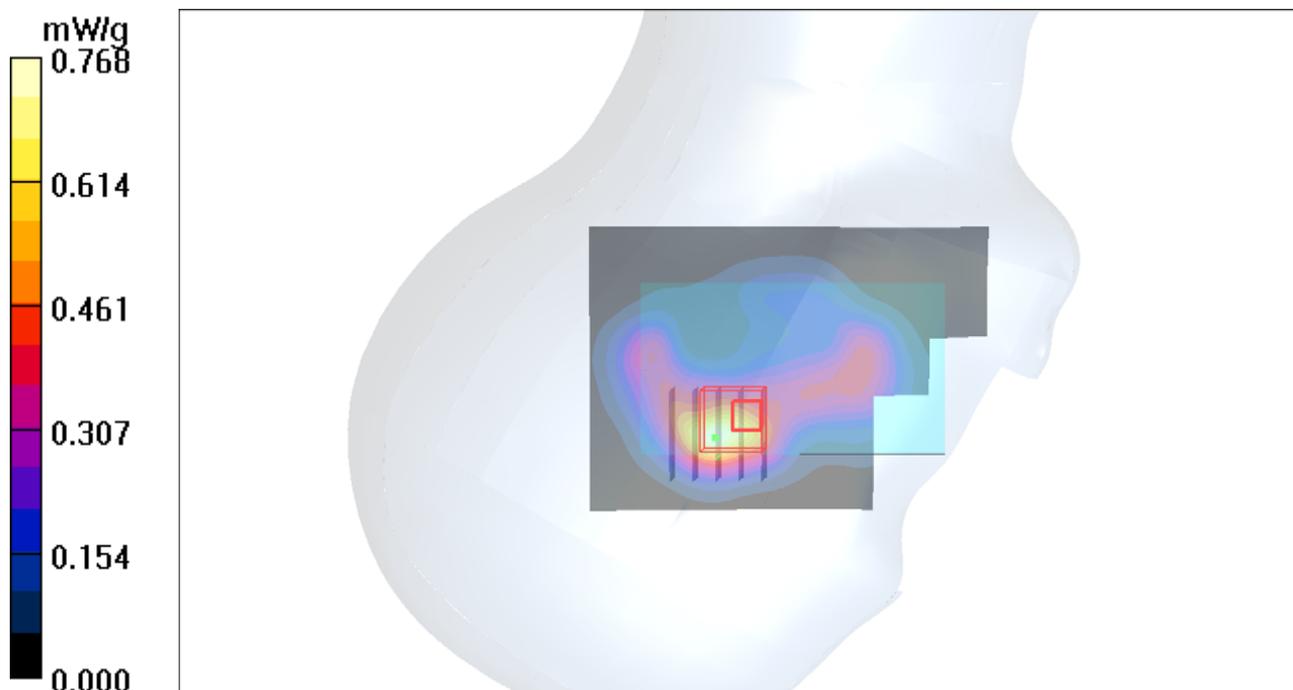
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.863 W/kg

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.209 mW/g

Maximum value of SAR (measured) = 0.619 mW/g



P09 GSM1900_Right Tilted_Ch810_Battery1

DUT: 120406C01

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: H1900_0412 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.605 mW/g

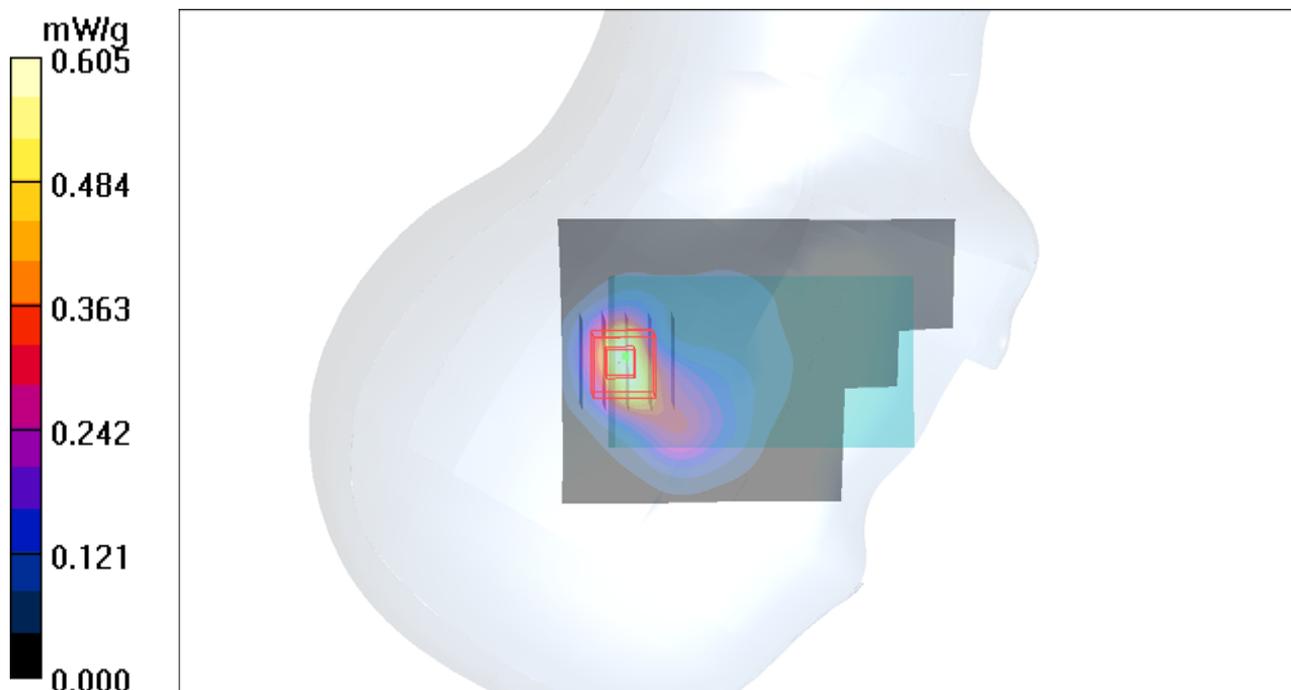
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.209 mW/g

Maximum value of SAR (measured) = 0.612 mW/g



P10 GSM1900_Left Cheek_Ch810_Battery1

DUT: 120406C01

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: H1900_0412 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.655 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.938 W/kg

SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.634 mW/g

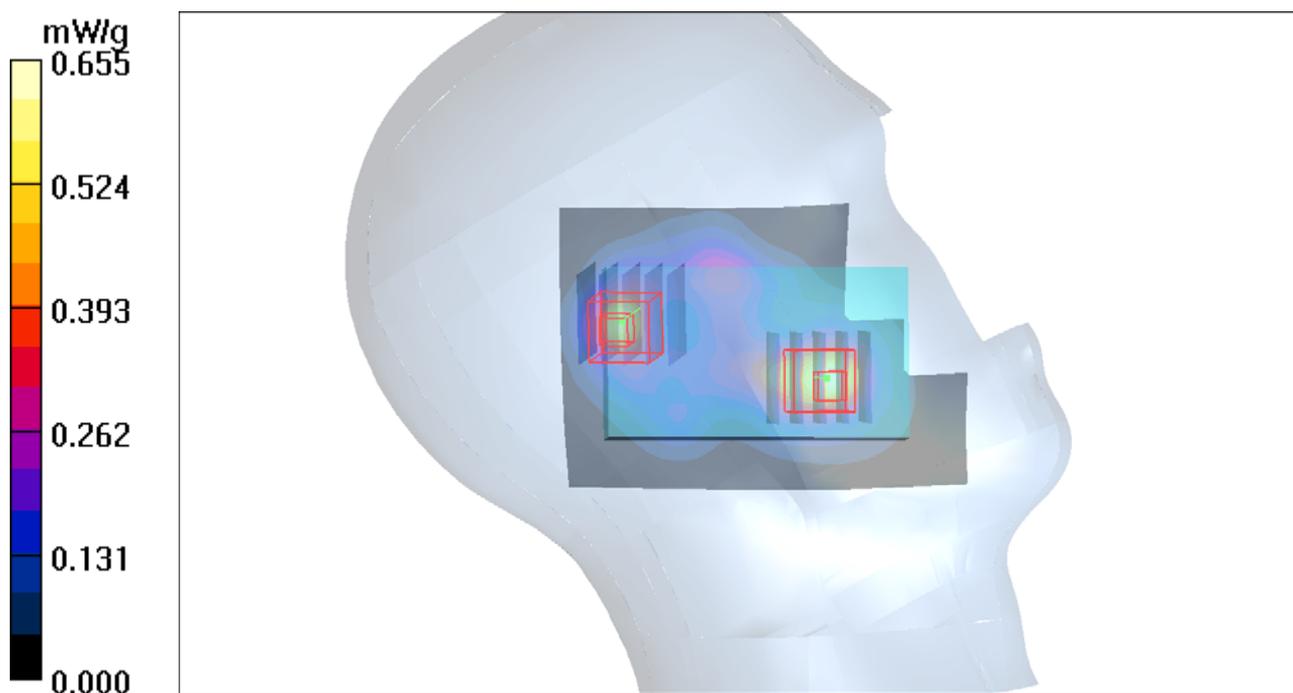
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.169 mW/g

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



P11 GSM1900_Left Tilted_Ch810_Battery1

DUT: 120406C01

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: H1900_0412 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.828 mW/g

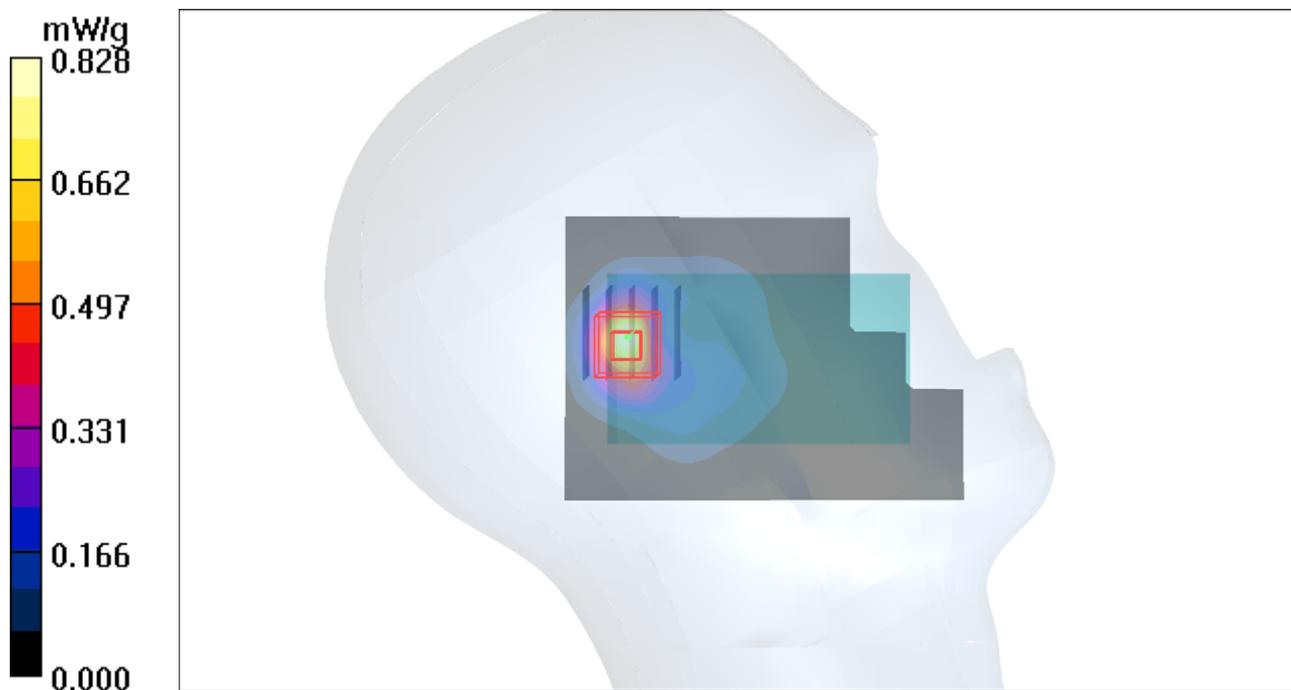
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.6 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.794 mW/g



P13 GSM1900_GPRS10_Left Tilted_Ch810_Battery1

DUT: 120406C01

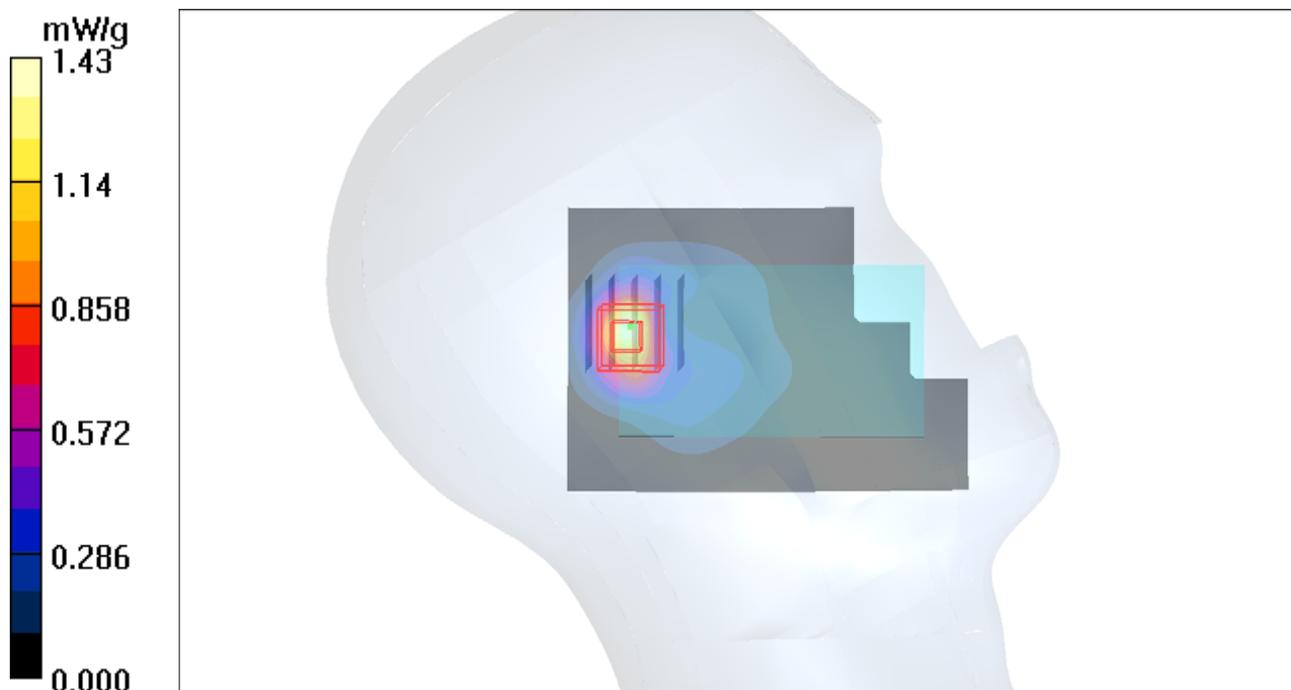
Communication System: GSM1900 DTM9; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: H1900_0412 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

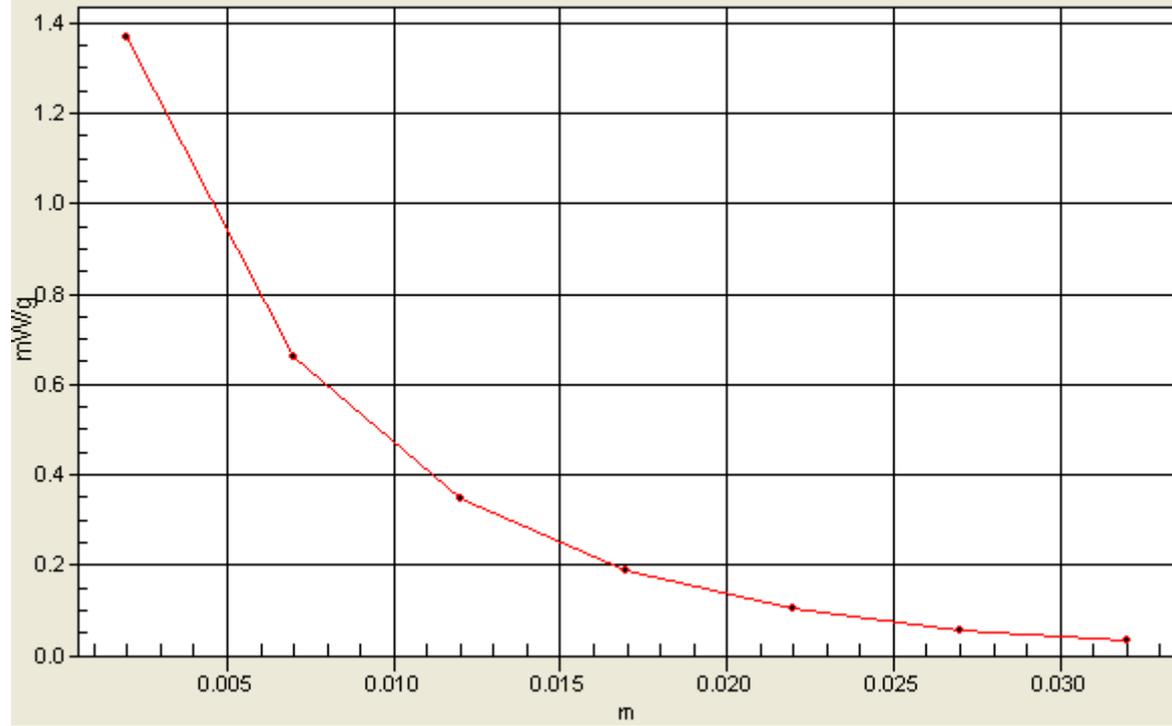
Ch810/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.43 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.945 mW/g; SAR(10 g) = 0.450 mW/g
Maximum value of SAR (measured) = 1.37 mW/g



1g/10g Averaged SAR

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



P14 GSM1900_GPRS10_Left Tilted_Ch512_Battery1

DUT: 120406C01

Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: H1900_0412 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch512/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.977 mW/g

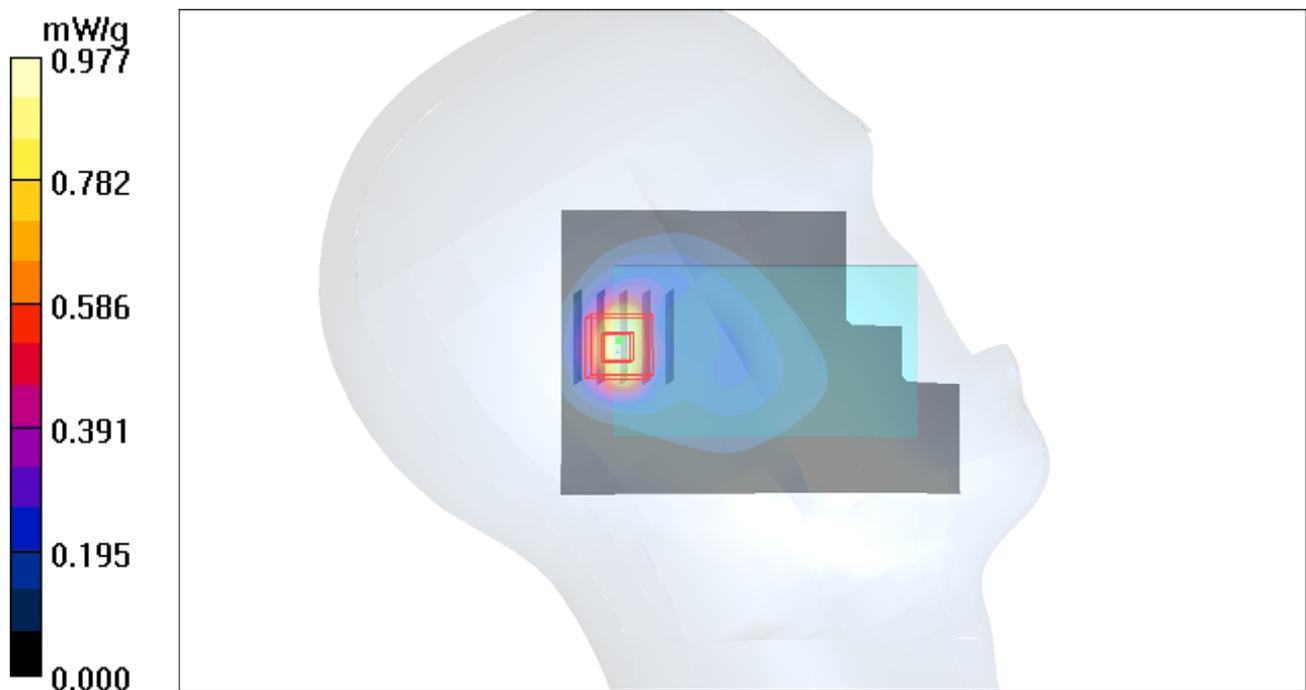
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.5 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 1.04 mW/g



P15 GSM1900_GPRS10_Left Tilted_Ch661_Battery1

DUT: 120406C01

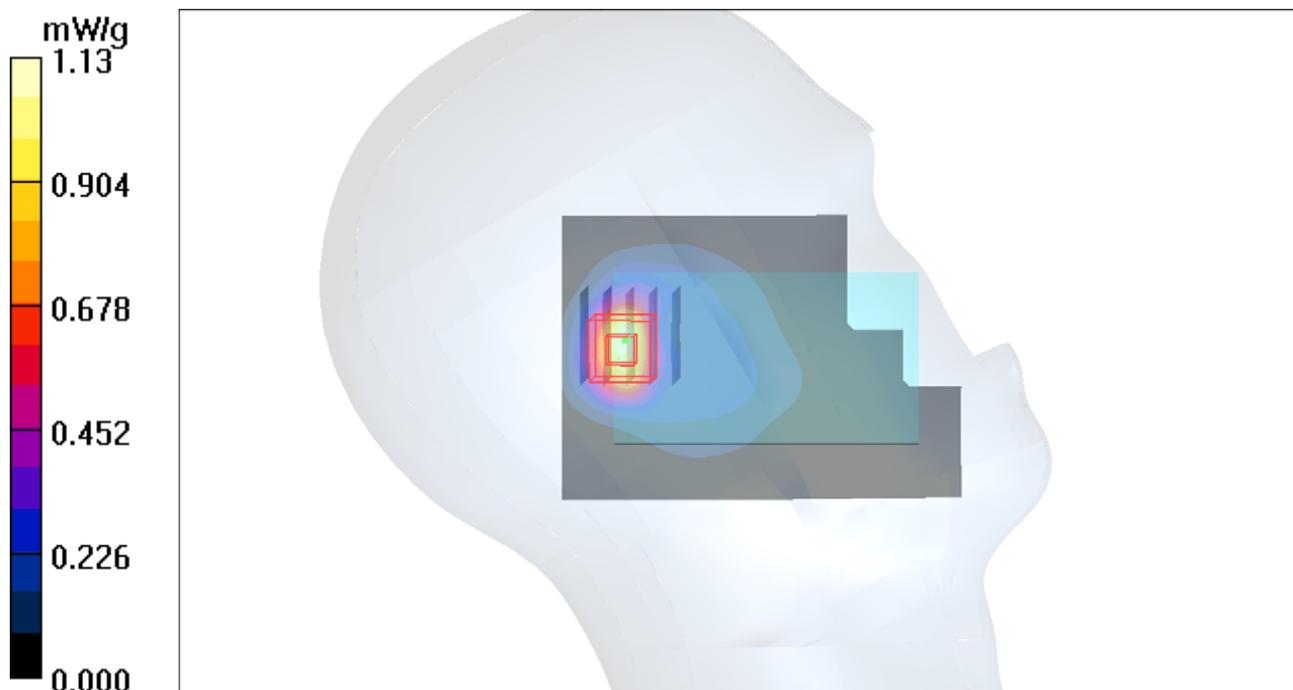
Communication System: GSM1900 GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: H1900_0412 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch661/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.4 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 1.09 mW/g



P18 GSM1900_GPRS10_Left Tilted_Ch810_Battery2

DUT: 120406C01

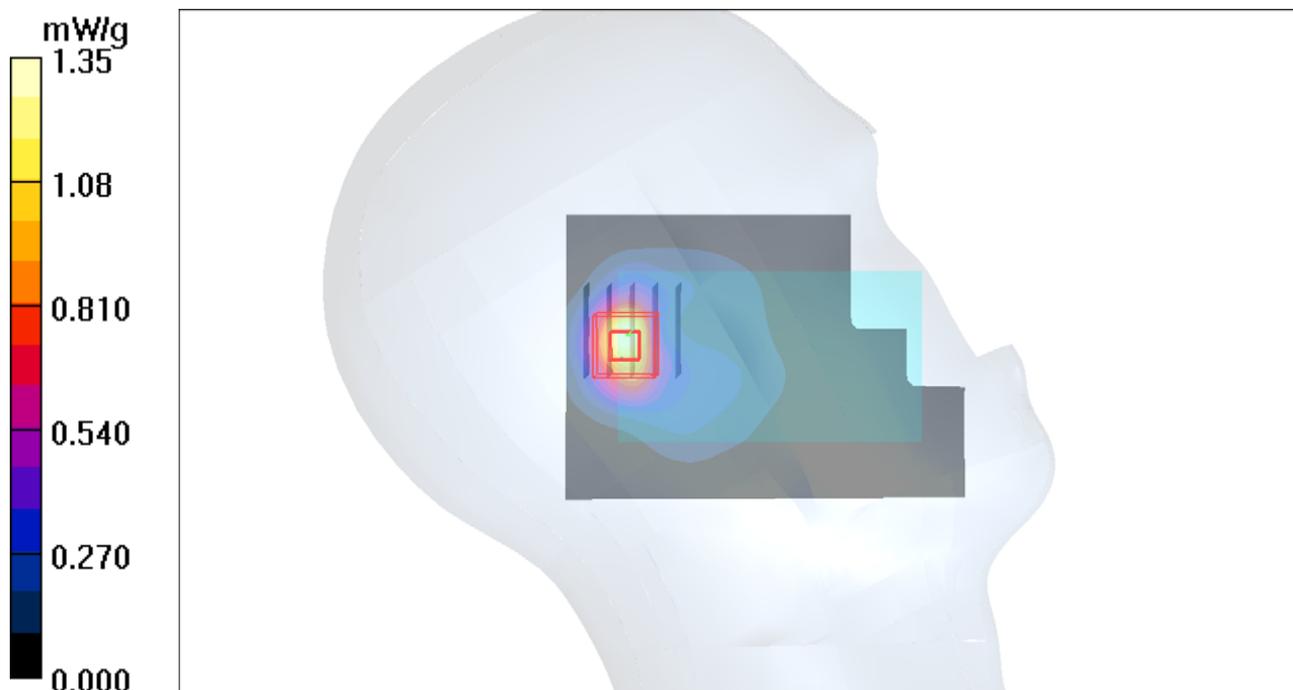
Communication System: GSM1900 DTM9; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: H1900_0412 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.35 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.3 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.441 mW/g
Maximum value of SAR (measured) = 1.28 mW/g



P19 GSM1900_GPRS10_Left Tilted_Ch512_Battery2

DUT: 120406C01

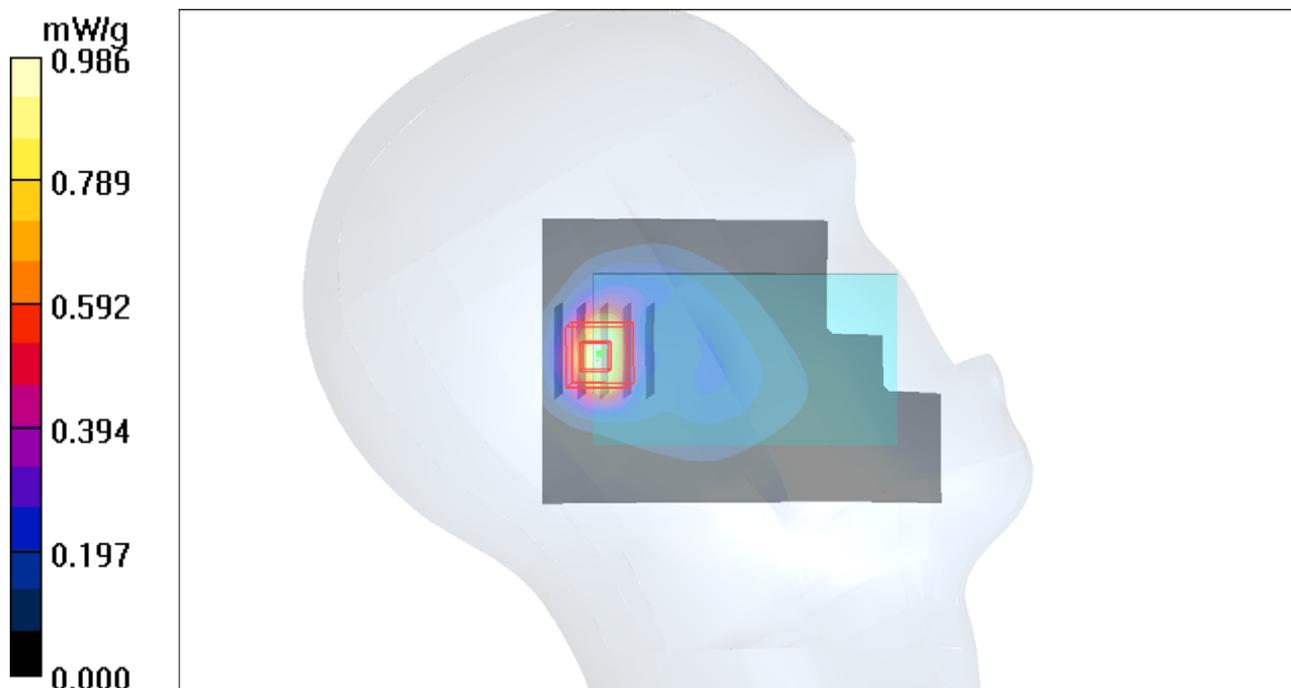
Communication System: GSM1900 DTM9; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: H1900_0412 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch512/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.986 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.4 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.337 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



P20 GSM1900_GPRS10_Left Tilted_Ch661_Battery2

DUT: 120406C01

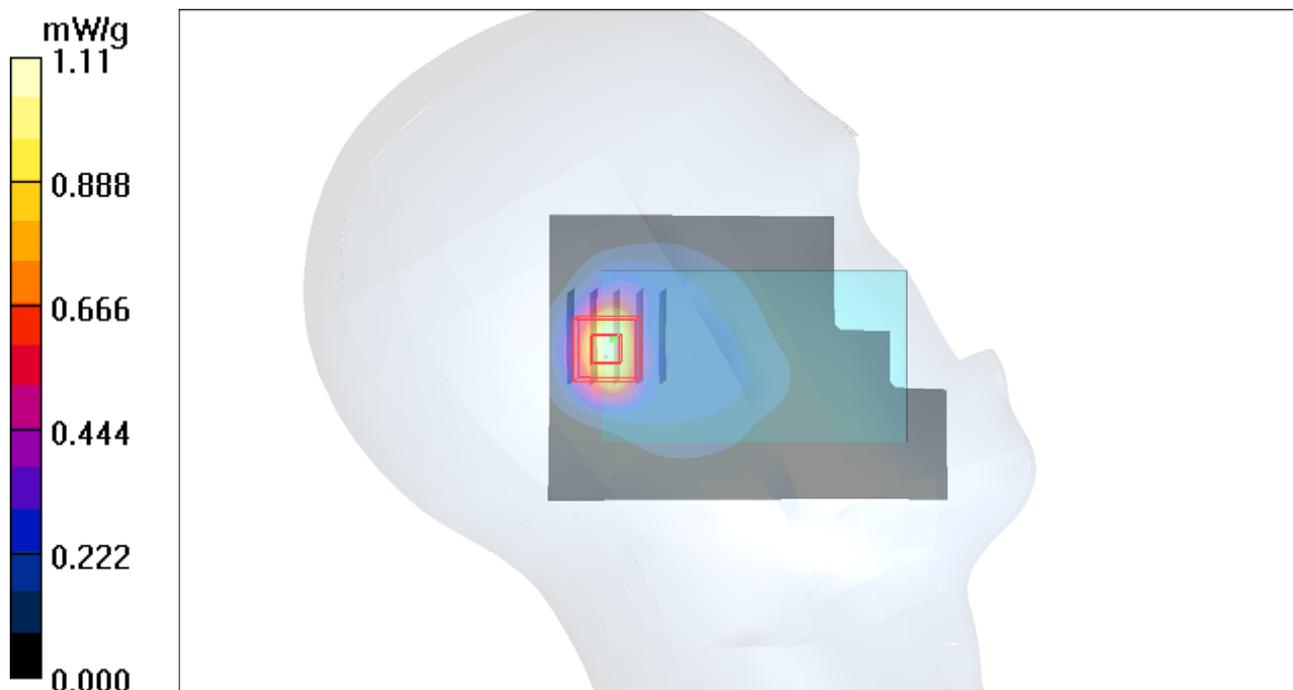
Communication System: GSM1900 DTM9; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: H1900_0412 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch661/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.6 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.376 mW/g
Maximum value of SAR (measured) = 1.05 mW/g



P49 802.11b_Right Cheek_Ch1_Battery1

DUT: 120406C01

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_0417 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.799$ mho/m; $\epsilon_r = 38.163$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.477 mW/g

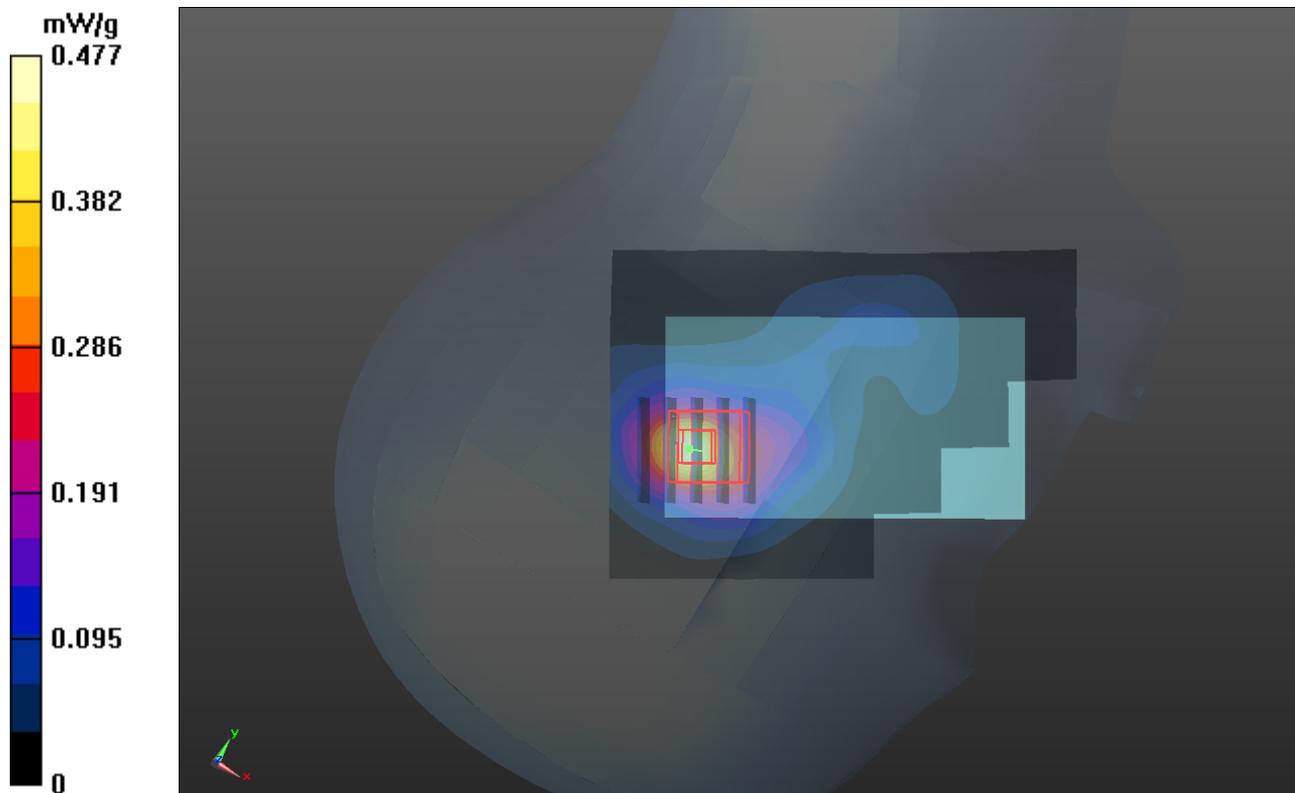
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.837 V/m; Power Drift = 0.03 dB

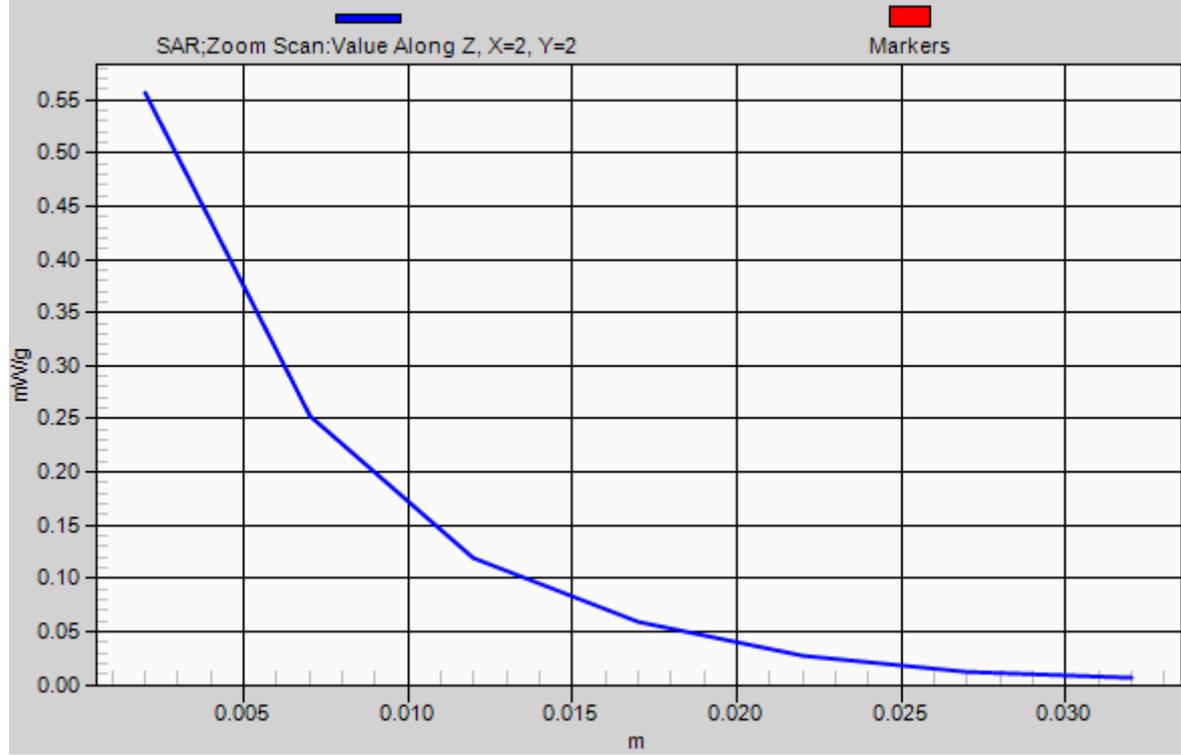
Peak SAR (extrapolated) = 0.738 mW/g

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.556 mW/g



1g/10g Averaged SAR



P50 802.11b_Right Tilted_Ch1_Battery1

DUT: 120406C01

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_0417 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.799$ mho/m; $\epsilon_r = 38.163$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.333 mW/g

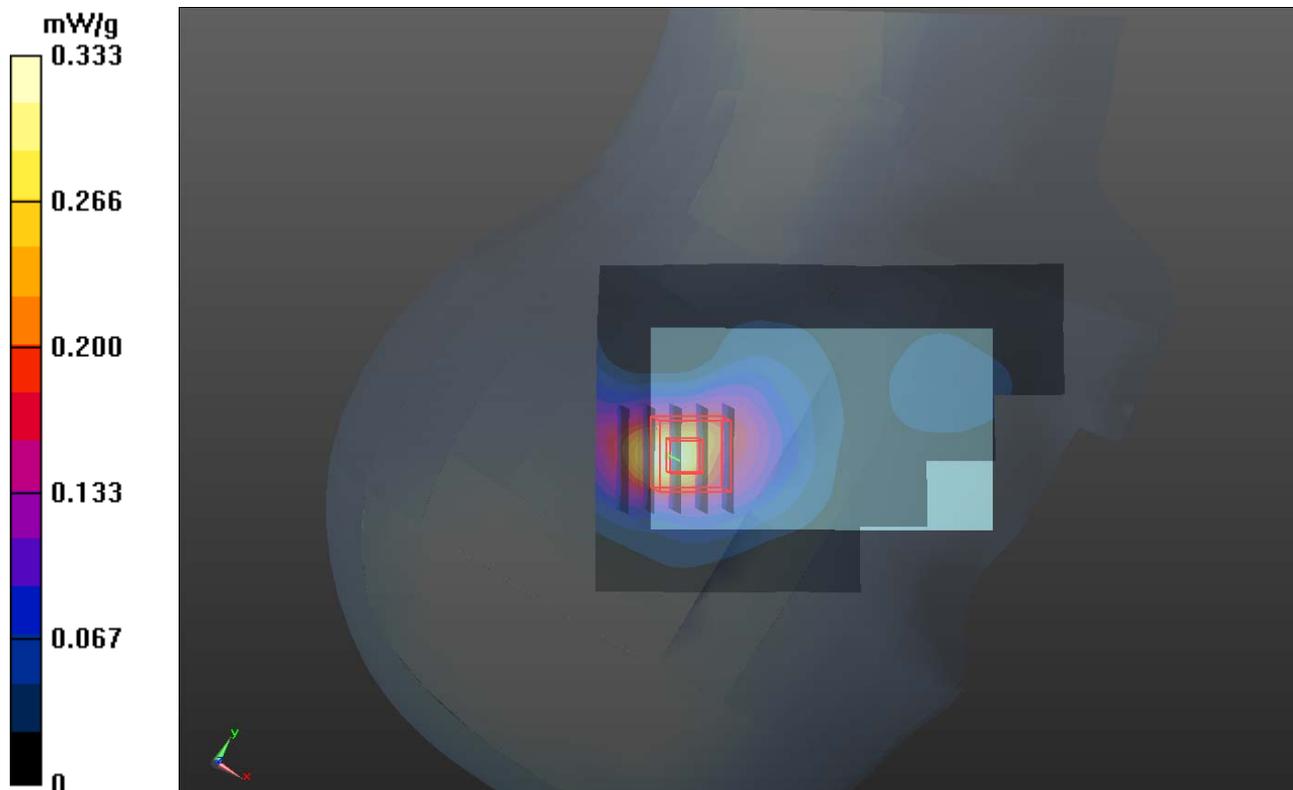
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.818 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.487 mW/g

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.350 mW/g



P51 802.11b_Left Cheek_Ch1_Battery1

DUT: 120406C01

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_0417 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.799$ mho/m; $\epsilon_r = 38.163$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

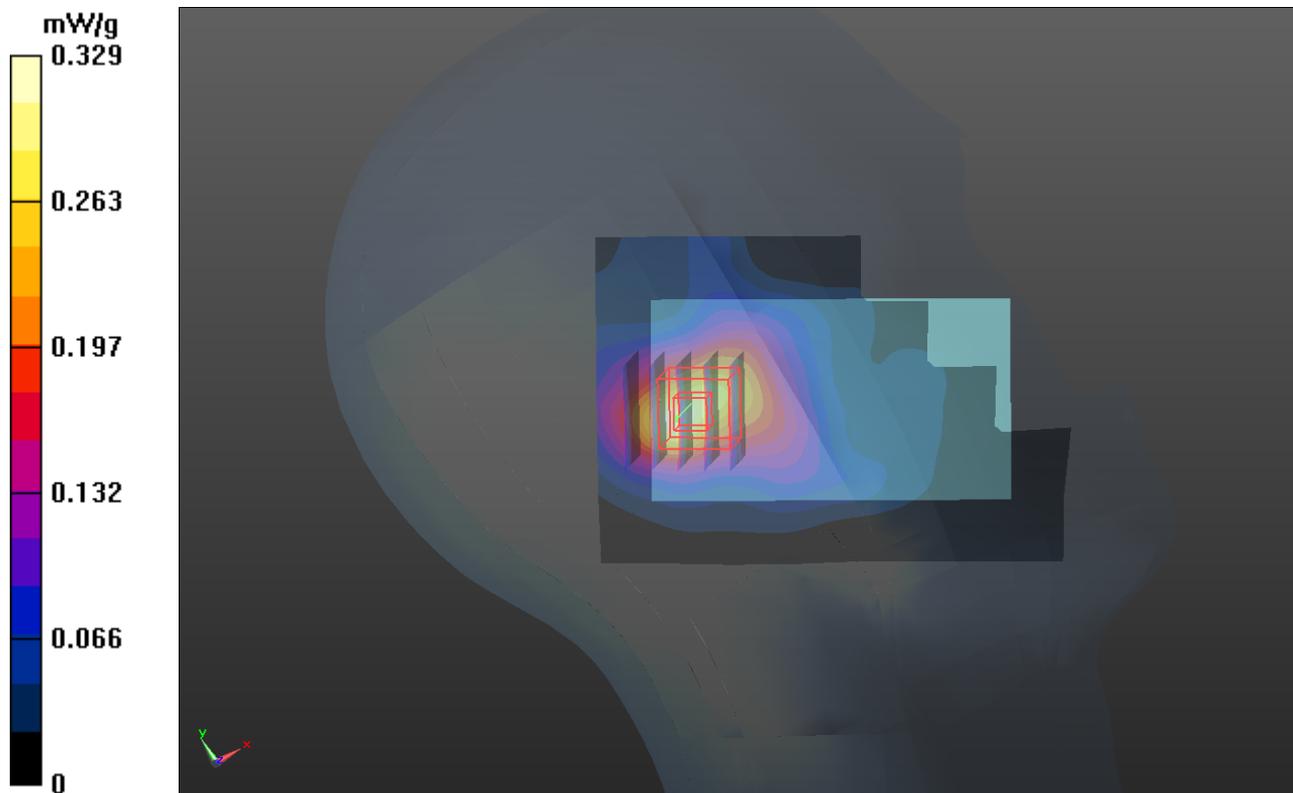
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.355 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 0.495 mW/g

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.126 mW/g

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



P52 802.11b_Left Tilted_Ch1_Battery1

DUT: 120406C01

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_0417 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.799$ mho/m; $\epsilon_r = 38.163$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.308 mW/g

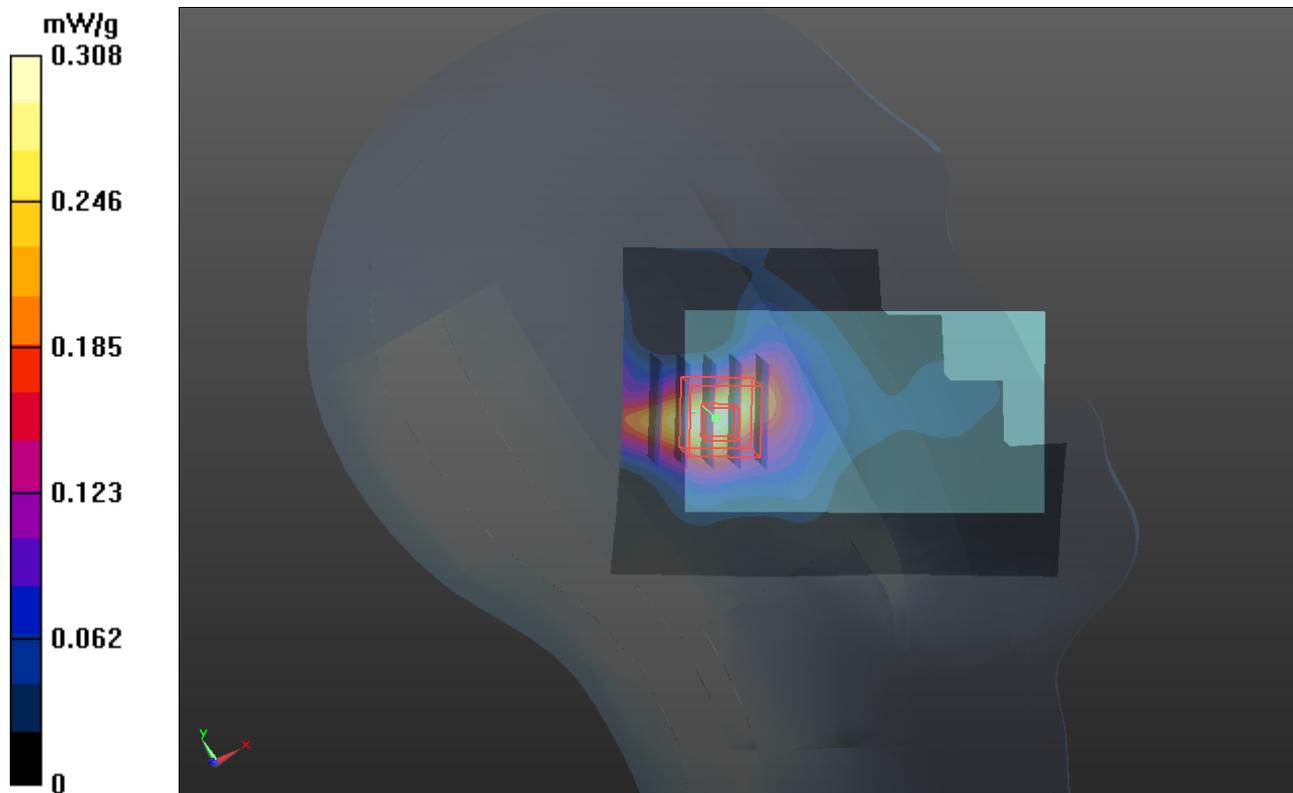
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.617 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.399 mW/g

SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.296 mW/g



P55 802.11b_Right Cheek_Ch1_Battery2

DUT: 120406C01

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_0417 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.799$ mho/m; $\epsilon_r = 38.163$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

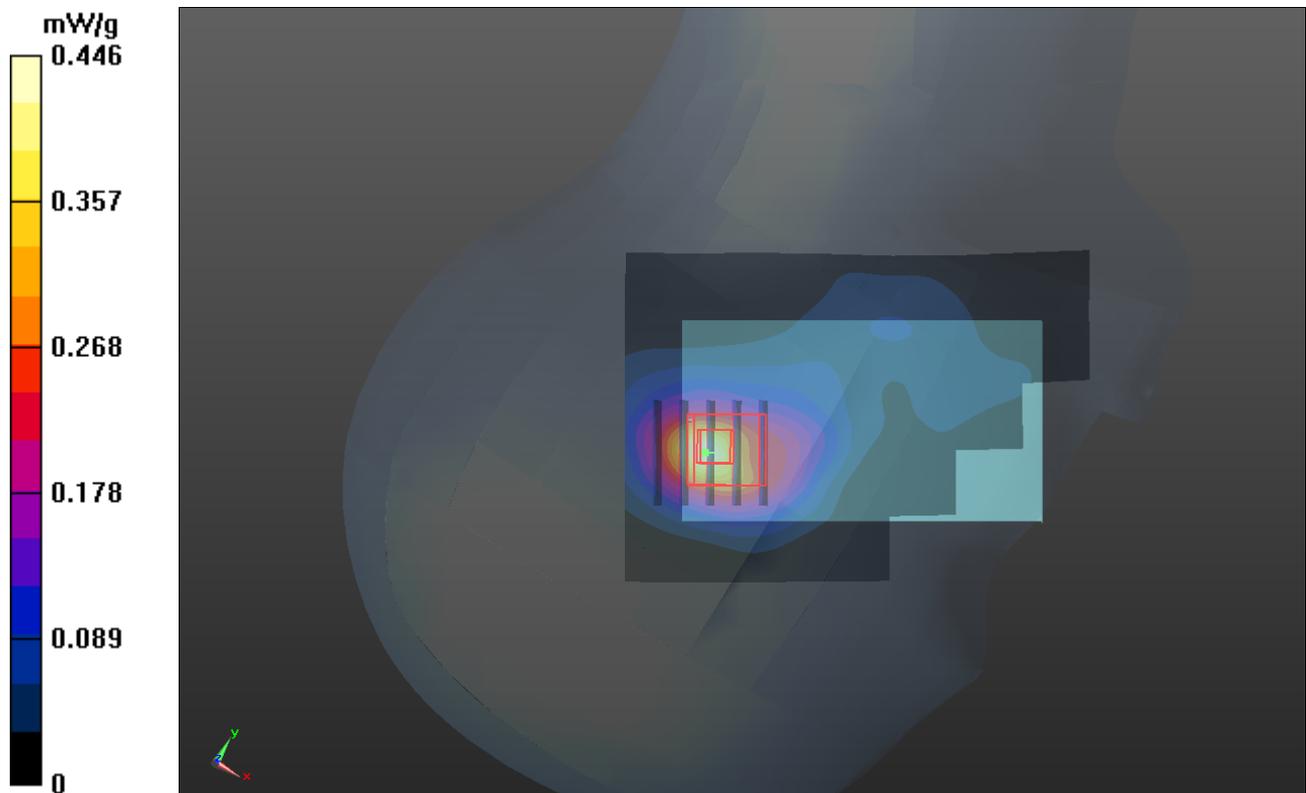
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.549 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.690 mW/g

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.517 mW/g



P31 GSM850_GPRS10_Front Face_1cm_Ch189_Battery1

DUT: 120406C01

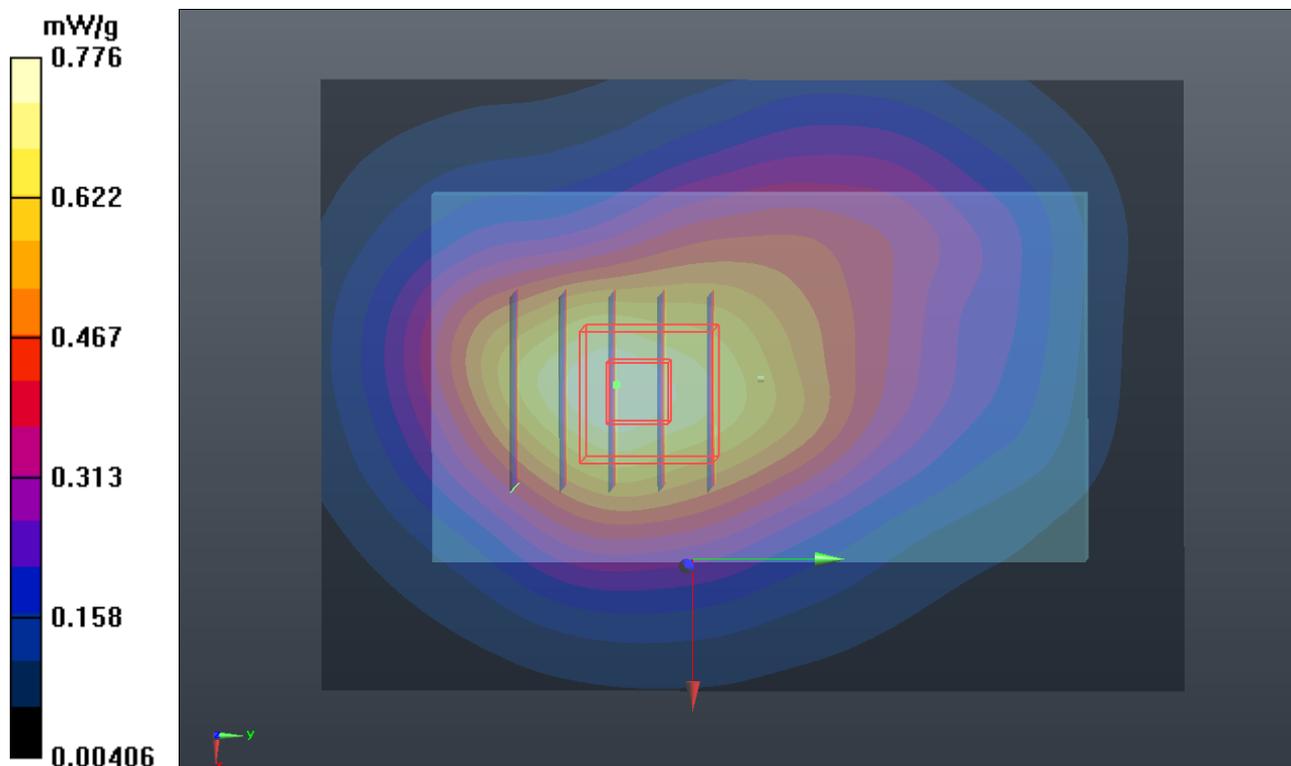
Communication System: GSM850 GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: B835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.142$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.776 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.627 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.762 mW/g
SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 0.680 mW/g



P32 GSM850_GPRS10_Rear Face_1cm_Ch189_Battery1

DUT: 120406C01

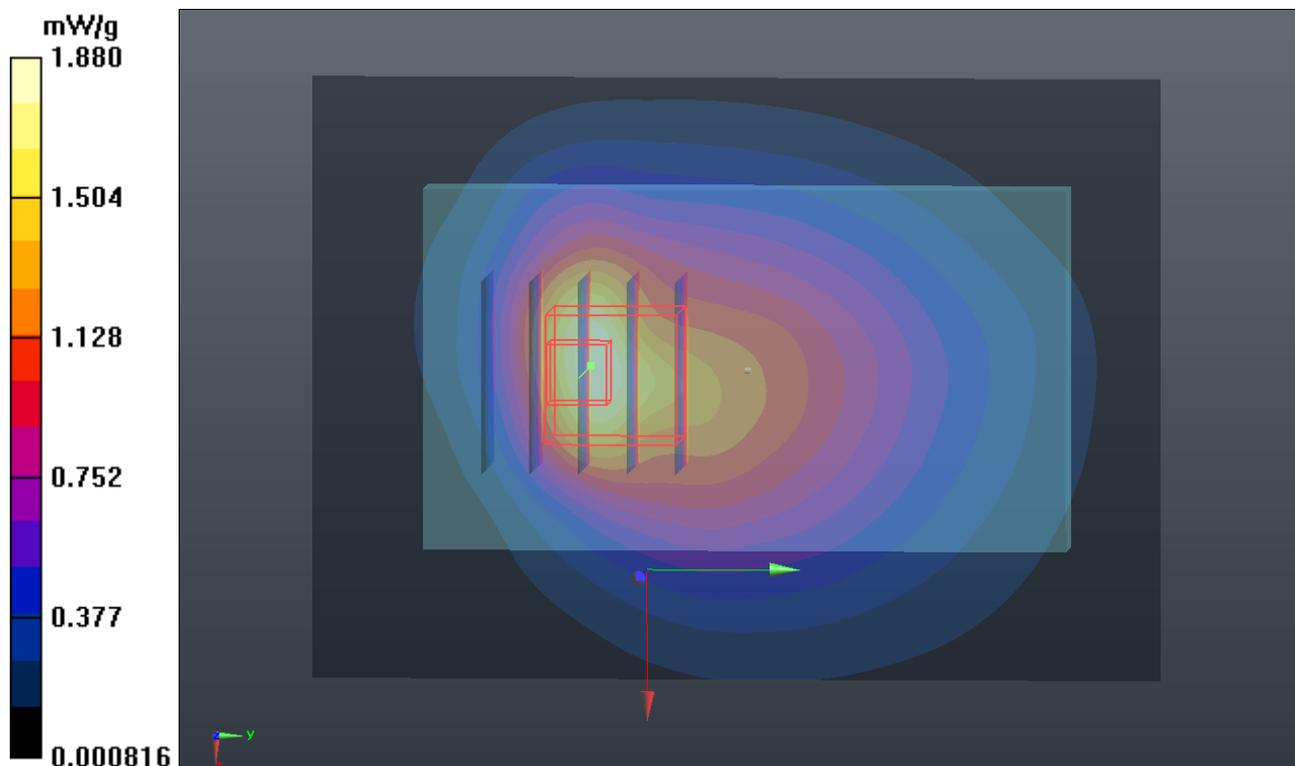
Communication System: GSM850 GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: B835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.142$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.88 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.058 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.975 mW/g
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.783 mW/g
Maximum value of SAR (measured) = 1.53 mW/g



P33 GSM850_GPRS10_Left Side_1cm_Ch189_Battery1

DUT: 120406C01

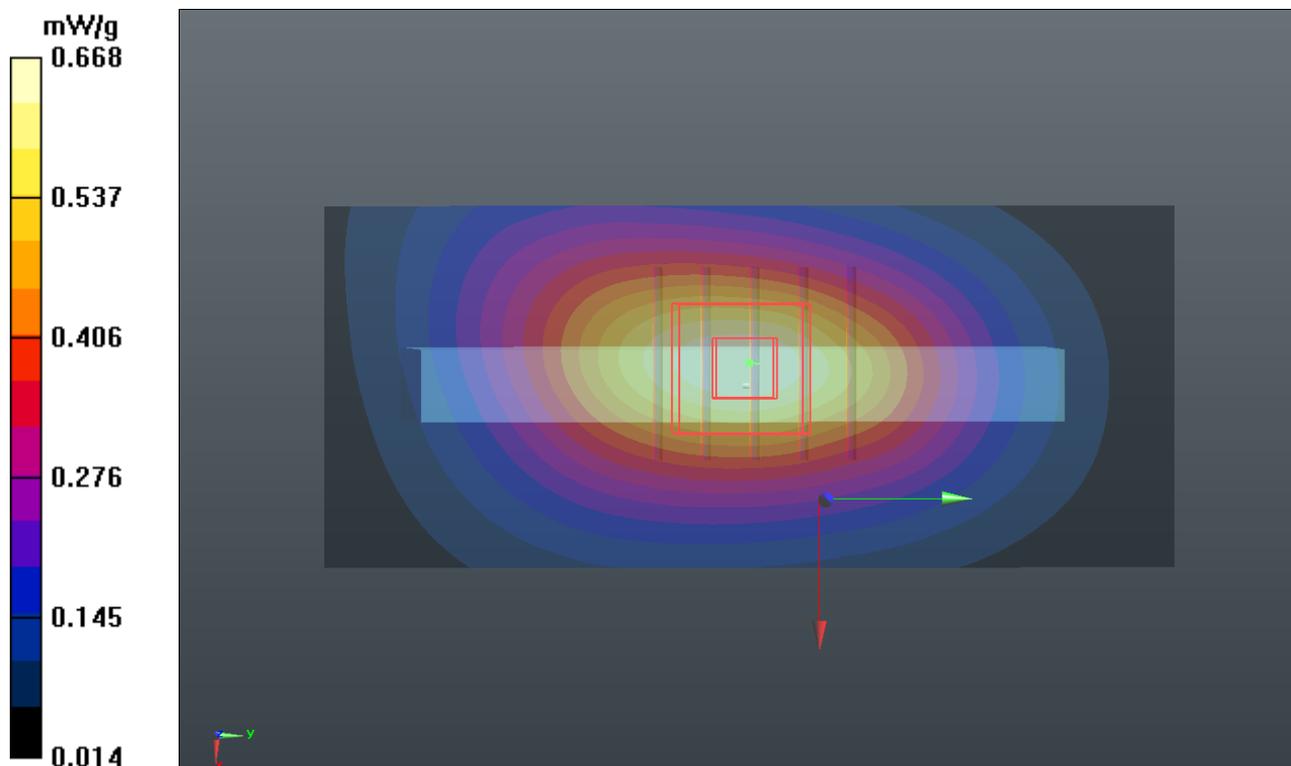
Communication System: GSM850 GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: B835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.142$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.668 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.786 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.854 mW/g
SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.349 mW/g
Maximum value of SAR (measured) = 0.702 mW/g



P34 GSM850_GPRS10_Right Side_1cm_Ch189_Battery1

DUT: 120406C01

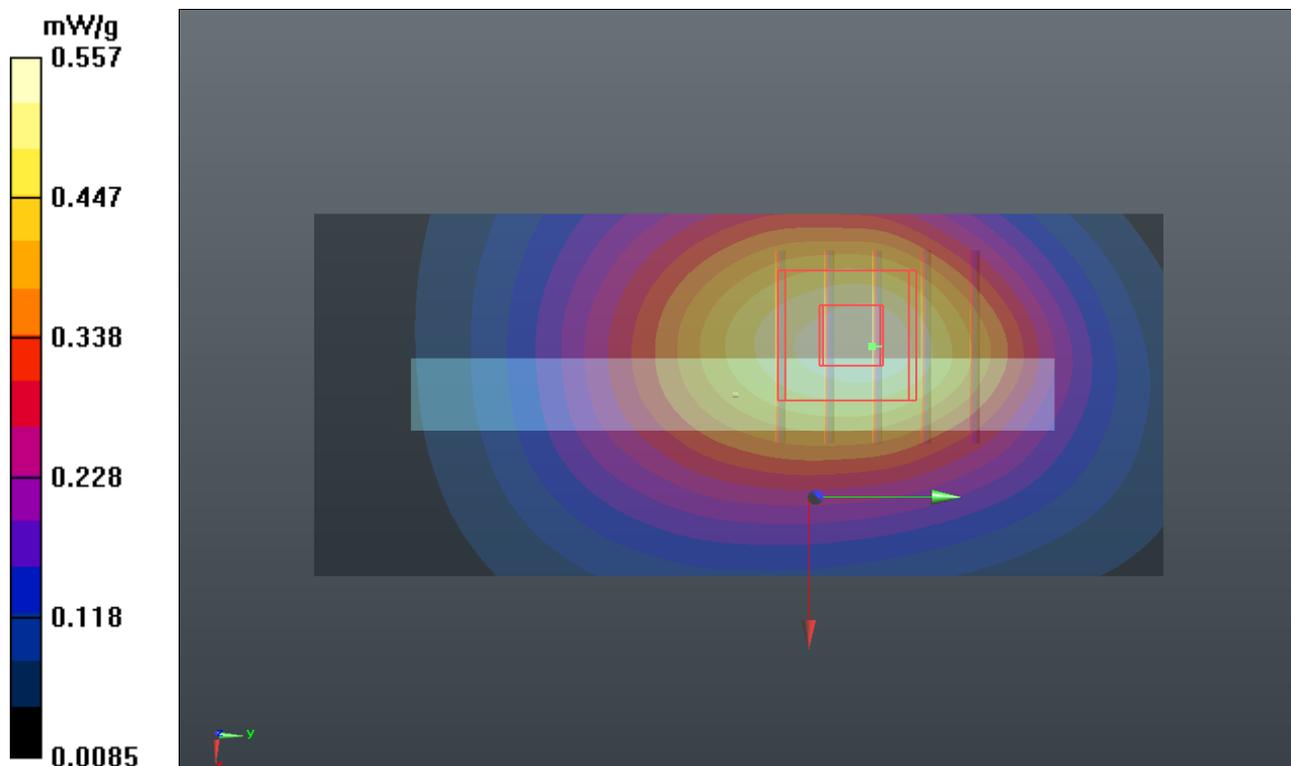
Communication System: GSM850 GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: B835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.142$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.557 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.934 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.621 mW/g
SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 0.534 mW/g



P36 GSM850_GPRS10_Bottom Side_1cm_Ch189_Battery1

DUT: 120406C01

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.181 mW/g

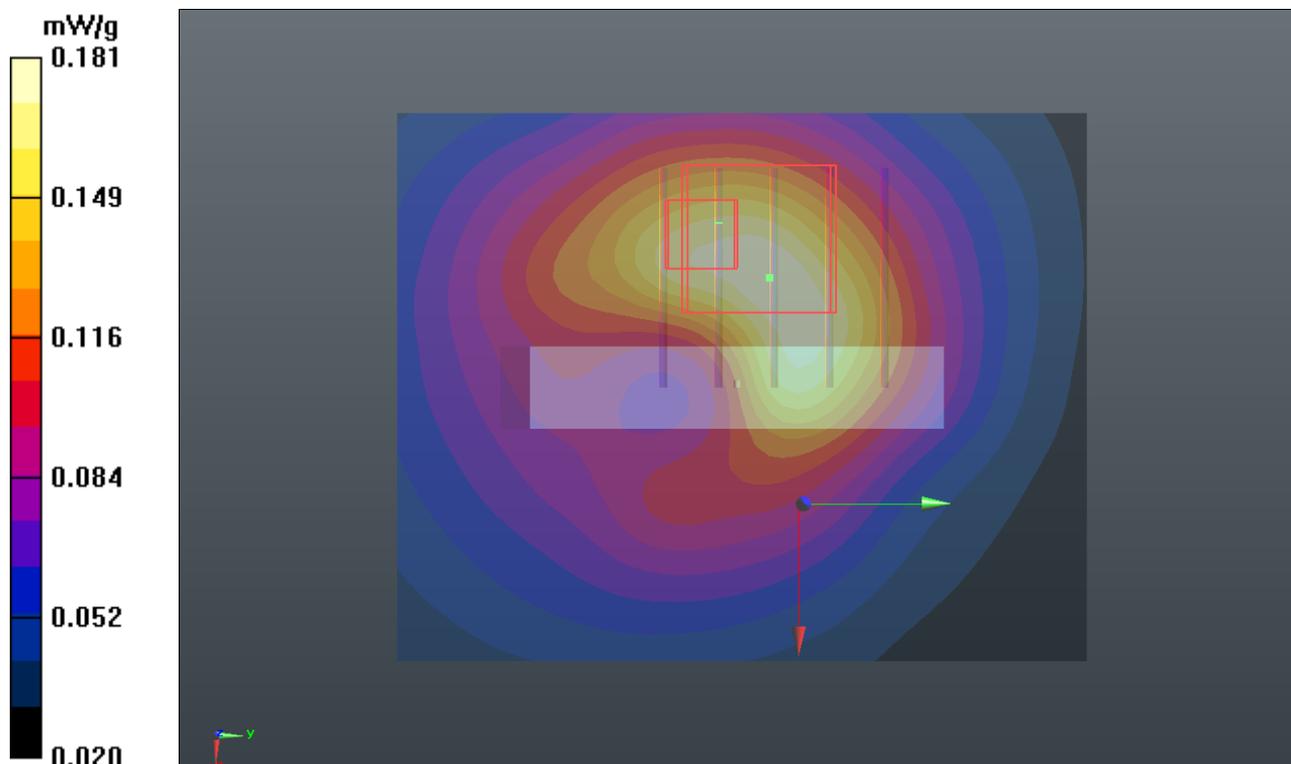
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.724 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.224 mW/g

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.164 mW/g



P37 GSM850_GPRS10_Rear Face_1cm_Ch128_Battery1

DUT: 120406C01

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.275$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.03 mW/g

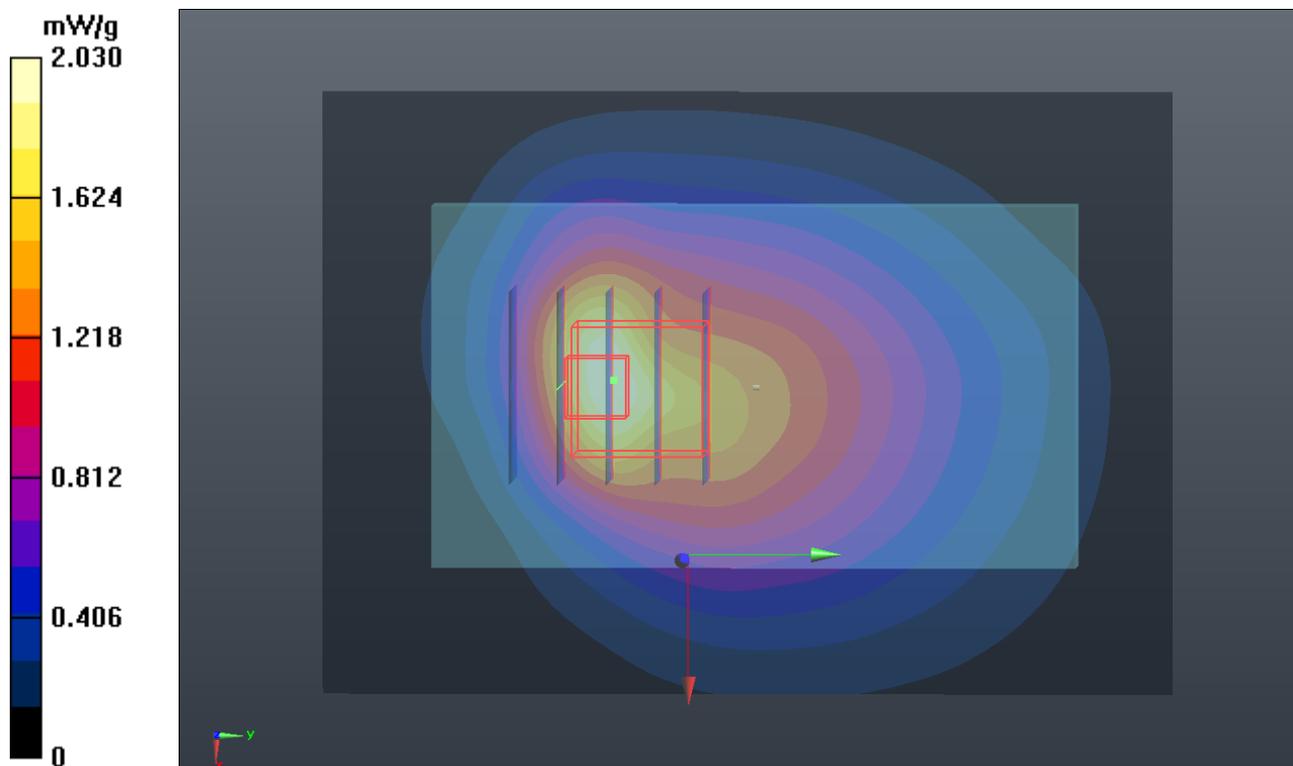
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.115 V/m; Power Drift = -0.02 dB

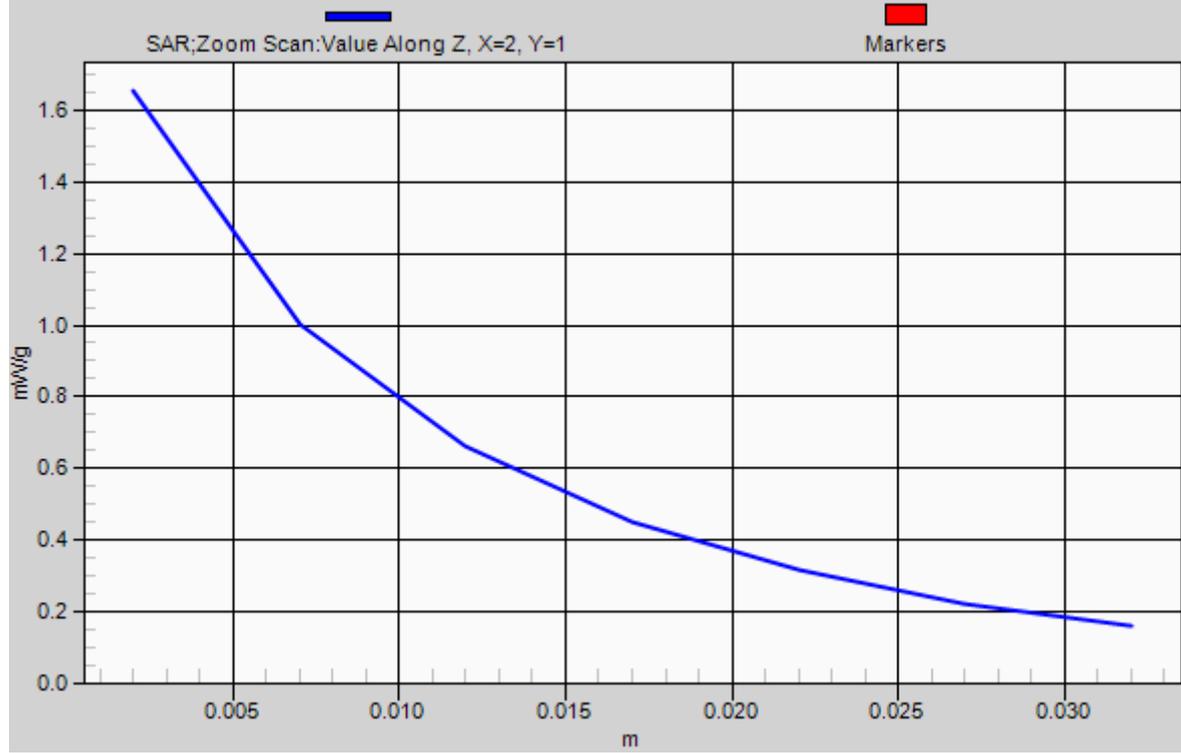
Peak SAR (extrapolated) = 2.125 mW/g

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.878 mW/g

Maximum value of SAR (measured) = 1.66 mW/g



1g/10g Averaged SAR



P38 GSM850_GPRS10_Rear Face_1cm_Ch251_Battery1

DUT: 120406C01

Communication System: GPRS10; Frequency: 848.8 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used: $f = 849$ MHz; $\sigma = 1.013$ mho/m; $\epsilon_r = 55.051$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch251/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.74 mW/g

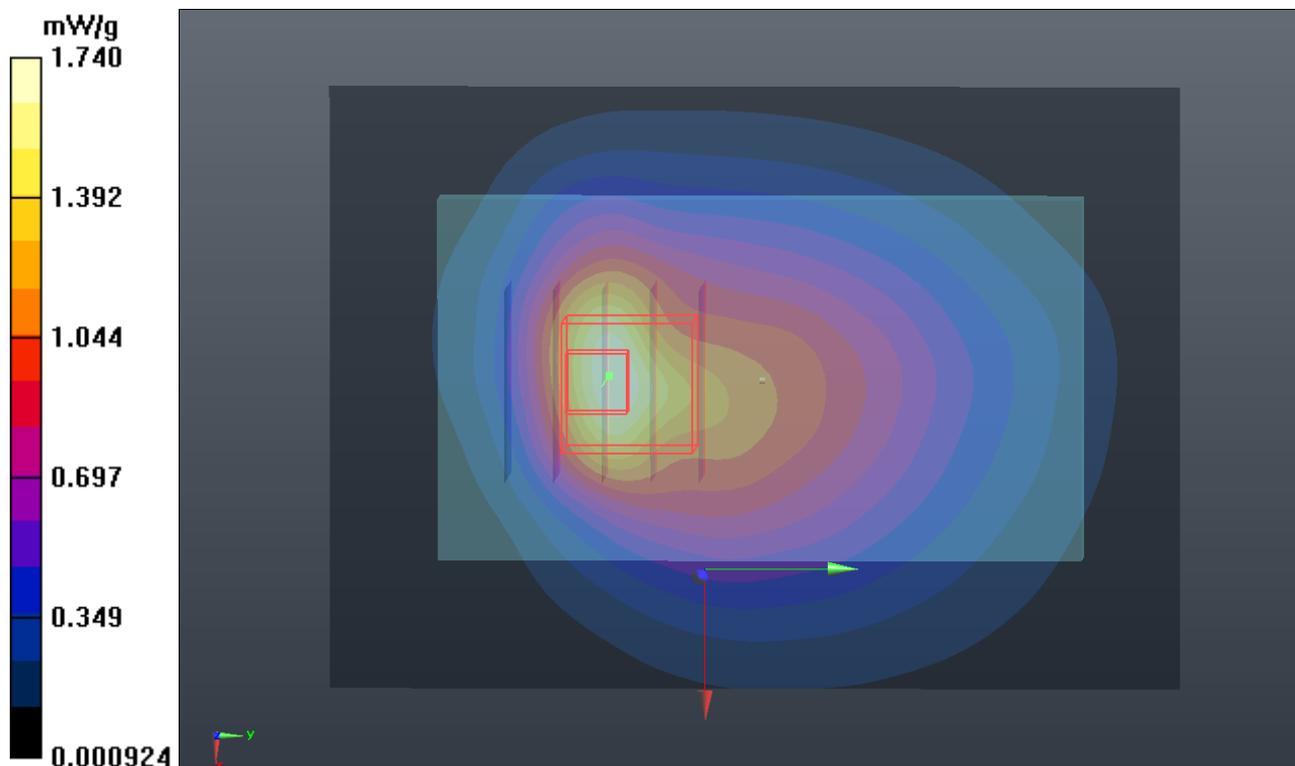
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.070 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.845 mW/g

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.714 mW/g

Maximum value of SAR (measured) = 1.41 mW/g



P39 GSM850_GPRS10_Rear Face_1cm_Ch128_Battery2

DUT: 120406C01

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.275$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.12 mW/g

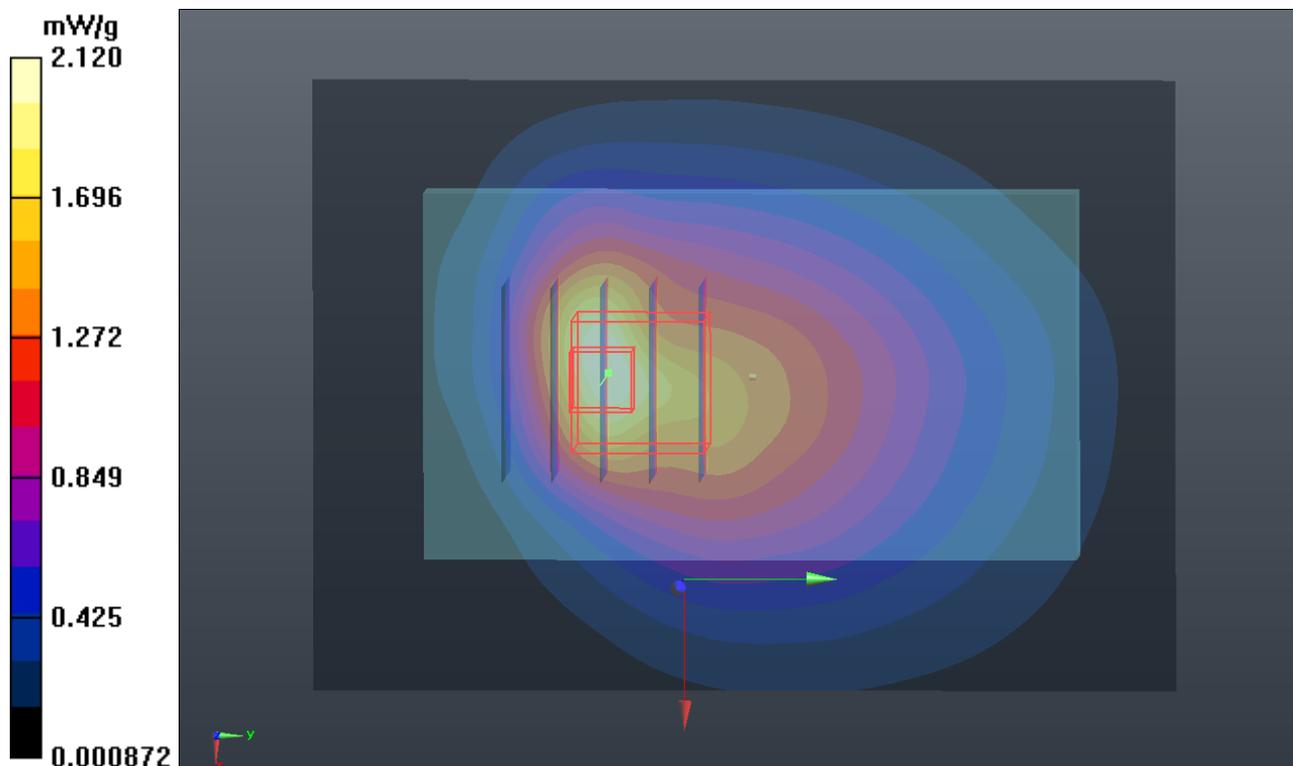
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.098 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 2.054 mW/g

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.859 mW/g

Maximum value of SAR (measured) = 1.62 mW/g



P40 GSM850_GPRS10_Rear Face_1cm_Ch189_Battery2

DUT: 120406C01

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.76 mW/g

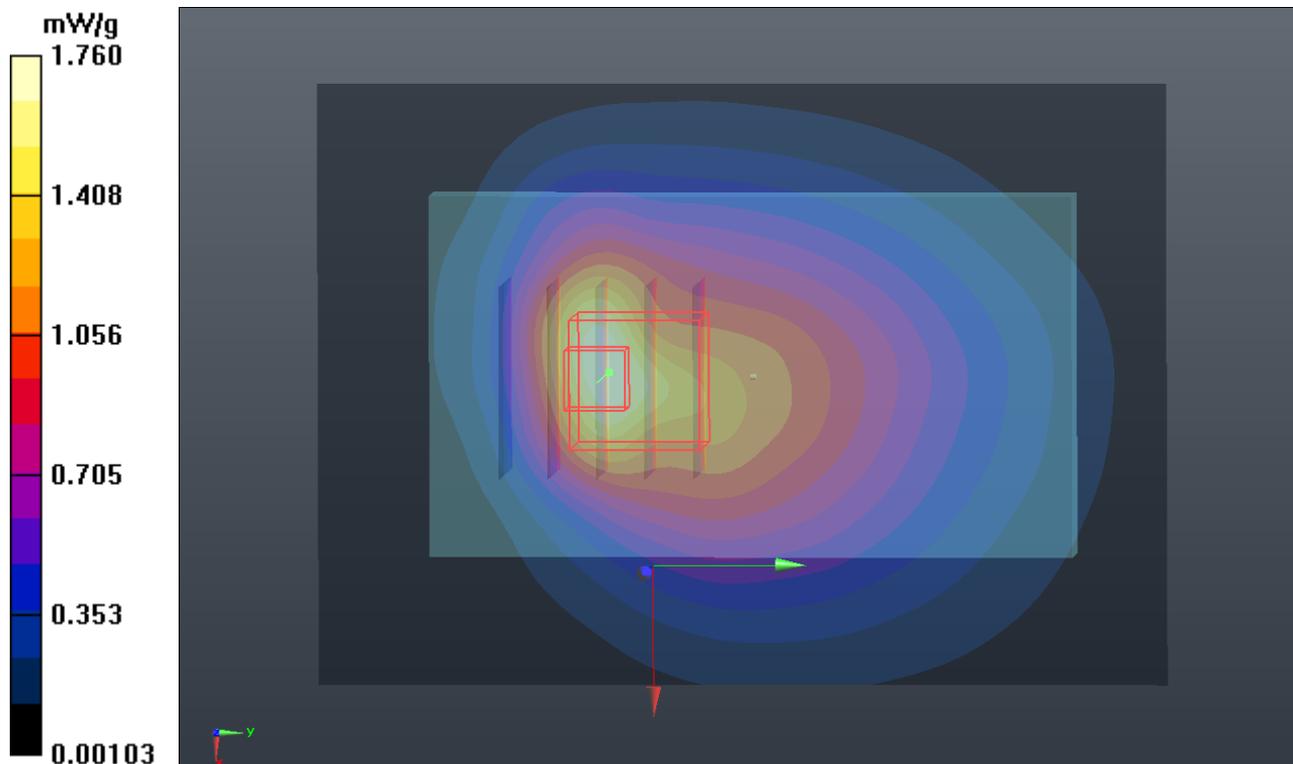
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.476 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.834 mW/g

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.756 mW/g

Maximum value of SAR (measured) = 1.44 mW/g



P41 GSM850_GPRS10_Rear Face_1cm_Ch251_Battery2

DUT: 120406C01

Communication System: GPRS10; Frequency: 848.8 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used: $f = 849$ MHz; $\sigma = 1.013$ mho/m; $\epsilon_r = 55.051$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch251/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.67 mW/g

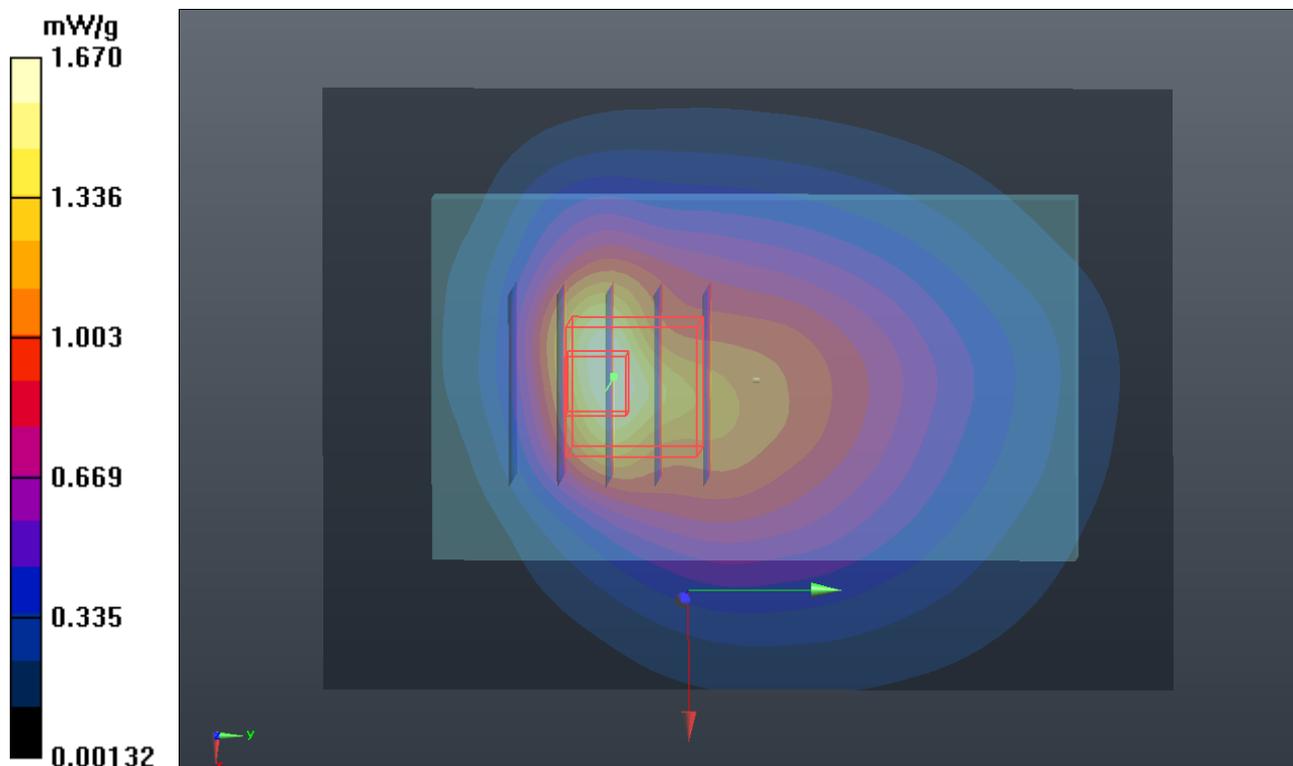
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.998 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.777 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.696 mW/g

Maximum value of SAR (measured) = 1.35 mW/g



P42 GSM850_GPRS10_Front Face_1cm_Ch189_Battery1_Earphone1

DUT: 120406C01

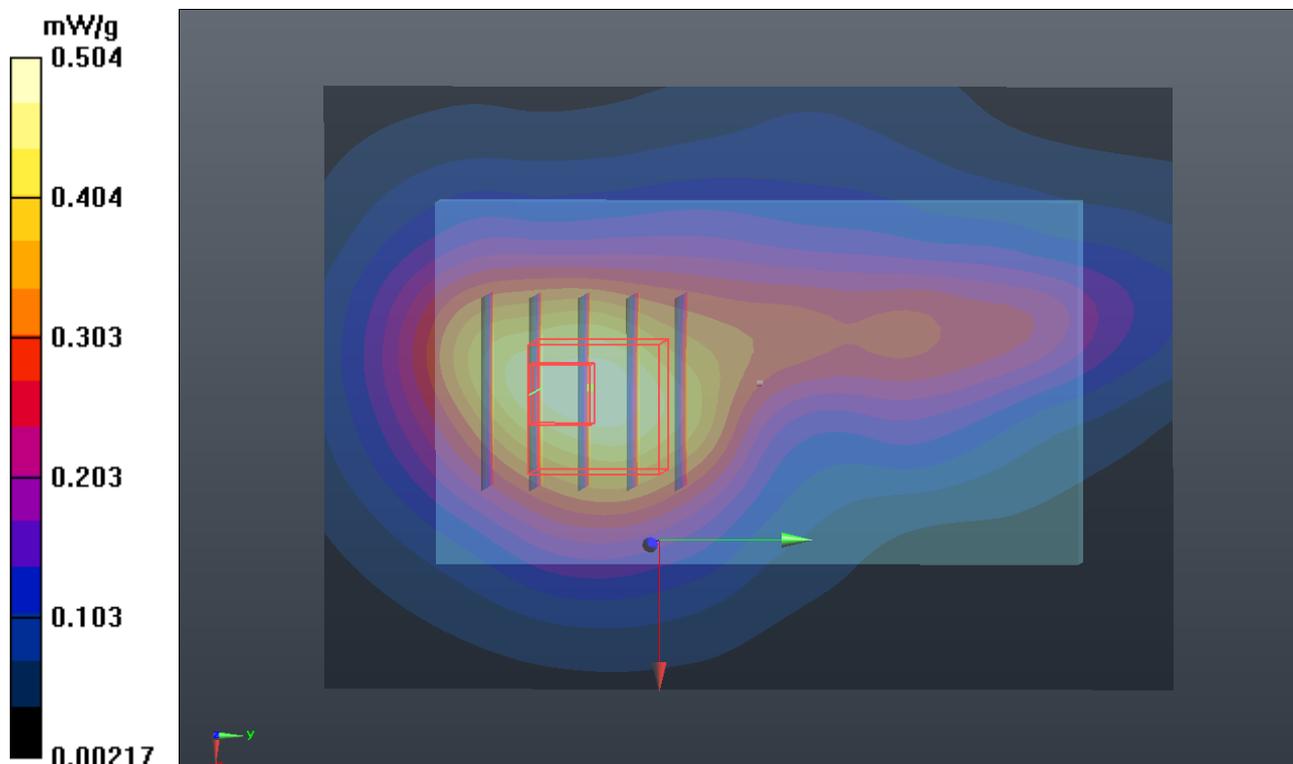
Communication System: GSM850 GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: B835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.142$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.504 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.446 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.534 mW/g
SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.259 mW/g
Maximum value of SAR (measured) = 0.450 mW/g



P43 GSM850_GPRS10_Rear Face_1cm_Ch189_Battery1_Earphone1

DUT: 120406C01

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.35 mW/g

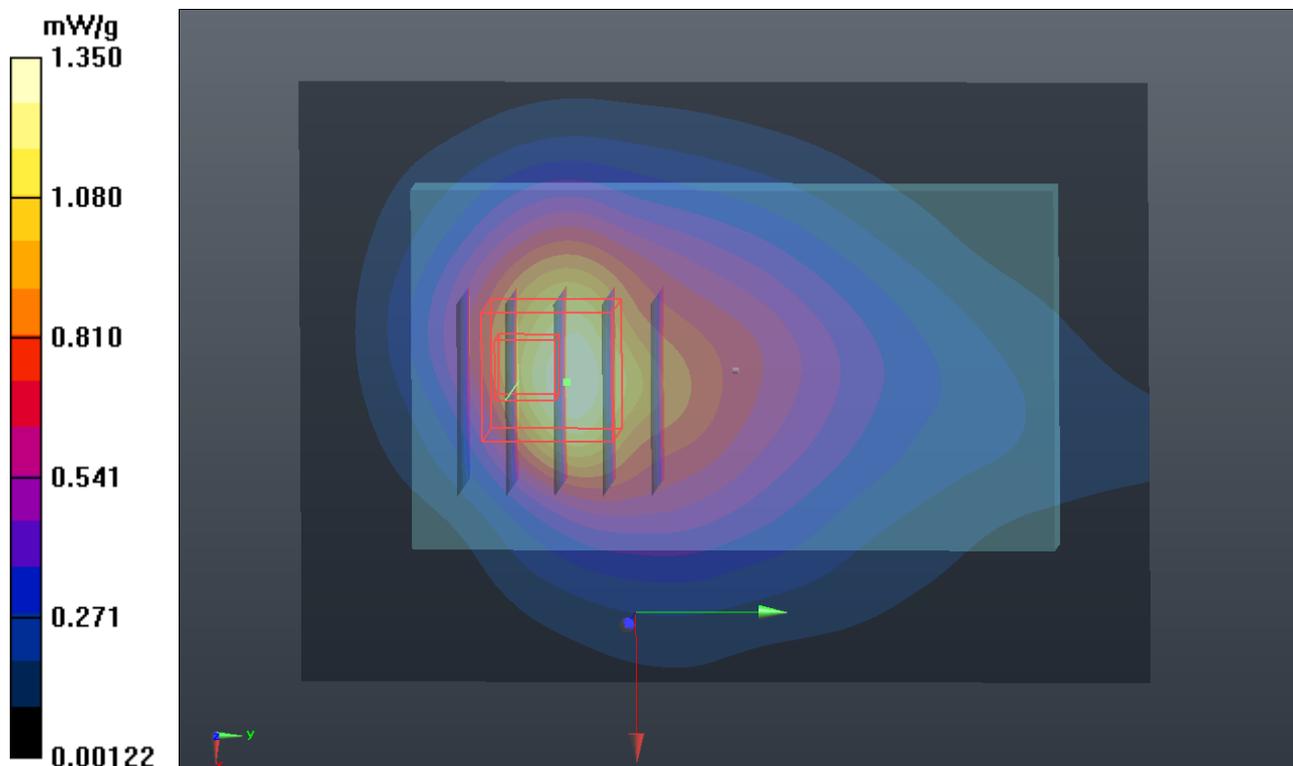
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.017 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.659 mW/g

SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.594 mW/g

Maximum value of SAR (measured) = 1.30 mW/g



P44 GSM850_GPRS10_Rear Face_1cm_Ch128_Battery1_Earphone1

DUT: 120406C01

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.275$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.28 mW/g

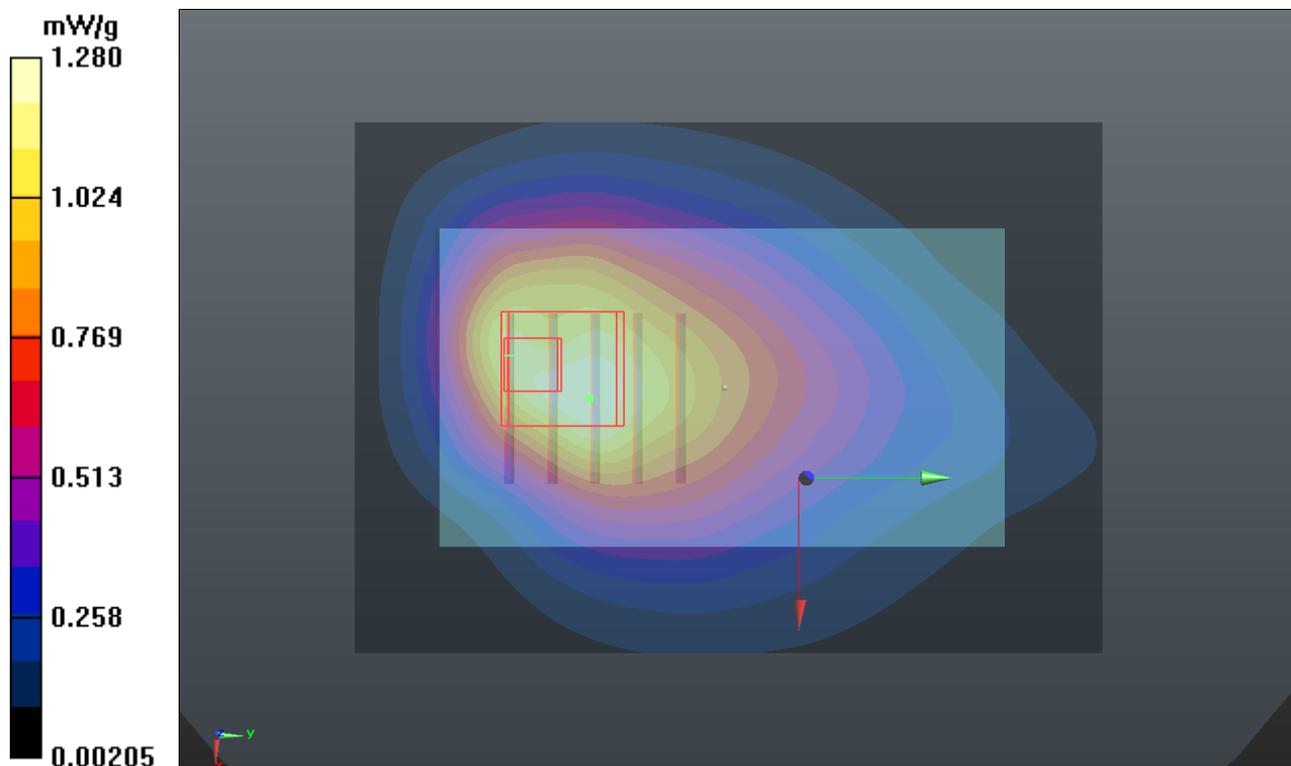
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.399 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.724 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.676 mW/g

Maximum value of SAR (measured) = 1.36 mW/g



P45 GSM850_GPRS10_Rear Face_1cm_Ch251_Battery1_Earphone1

DUT: 120406C01

Communication System: GPRS10; Frequency: 848.8 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used: $f = 849$ MHz; $\sigma = 1.013$ mho/m; $\epsilon_r = 55.051$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch251/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.09 mW/g

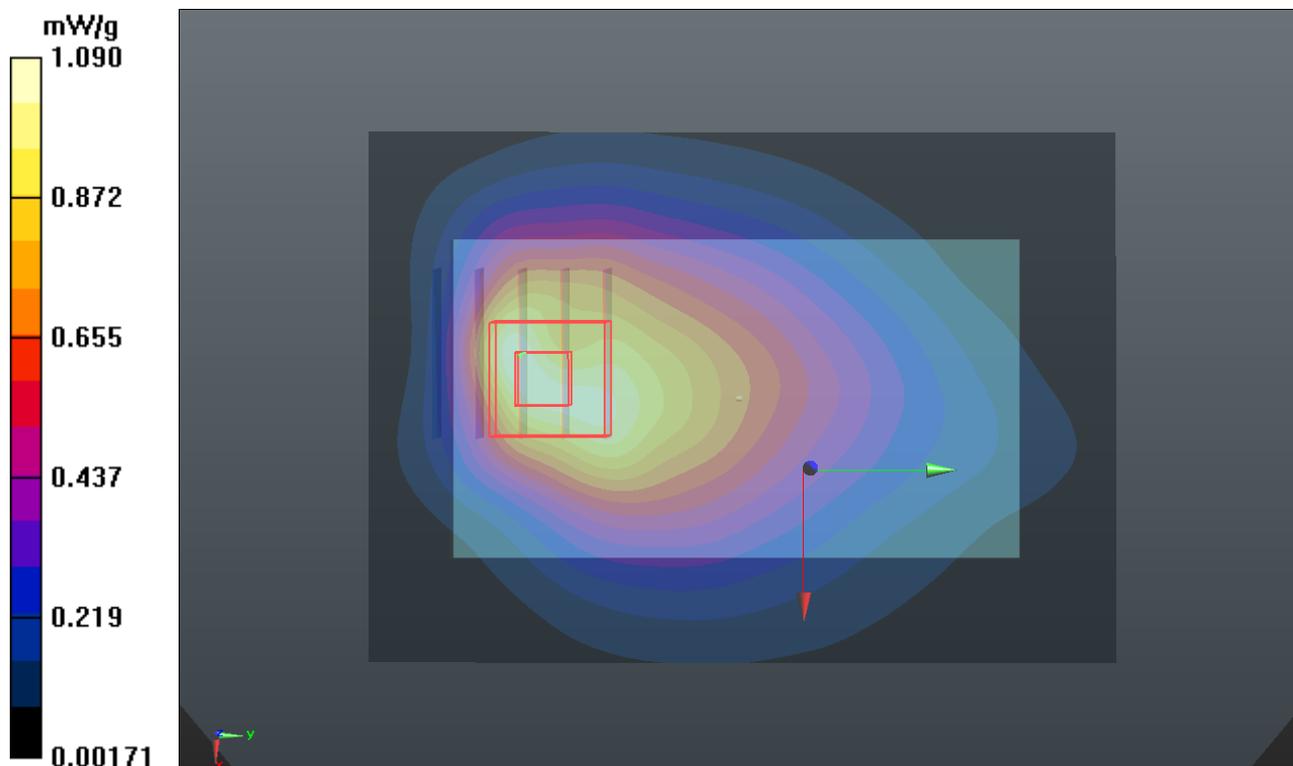
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.920 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.591 mW/g

SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.562 mW/g

Maximum value of SAR (measured) = 1.22 mW/g



P46 GSM850_GPRS10_Rear Face_1cm_Ch128_Battery2_Earphone2

DUT: 120406C01

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.275$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.26 mW/g

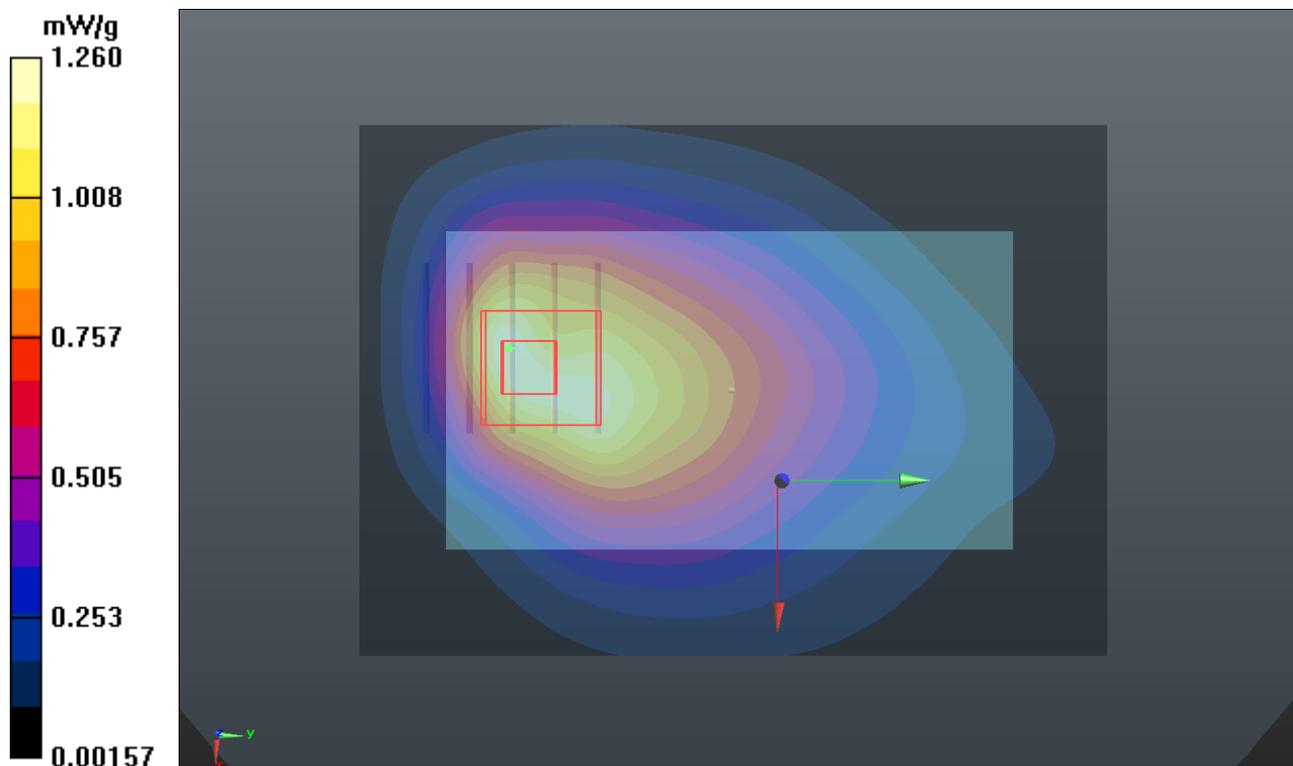
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.015 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.705 mW/g

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.663 mW/g

Maximum value of SAR (measured) = 1.35 mW/g



P47 GSM850_GPRS10_Rear Face_1cm_Ch189_Battery2_Earphone2

DUT: 120406C01

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.14 mW/g

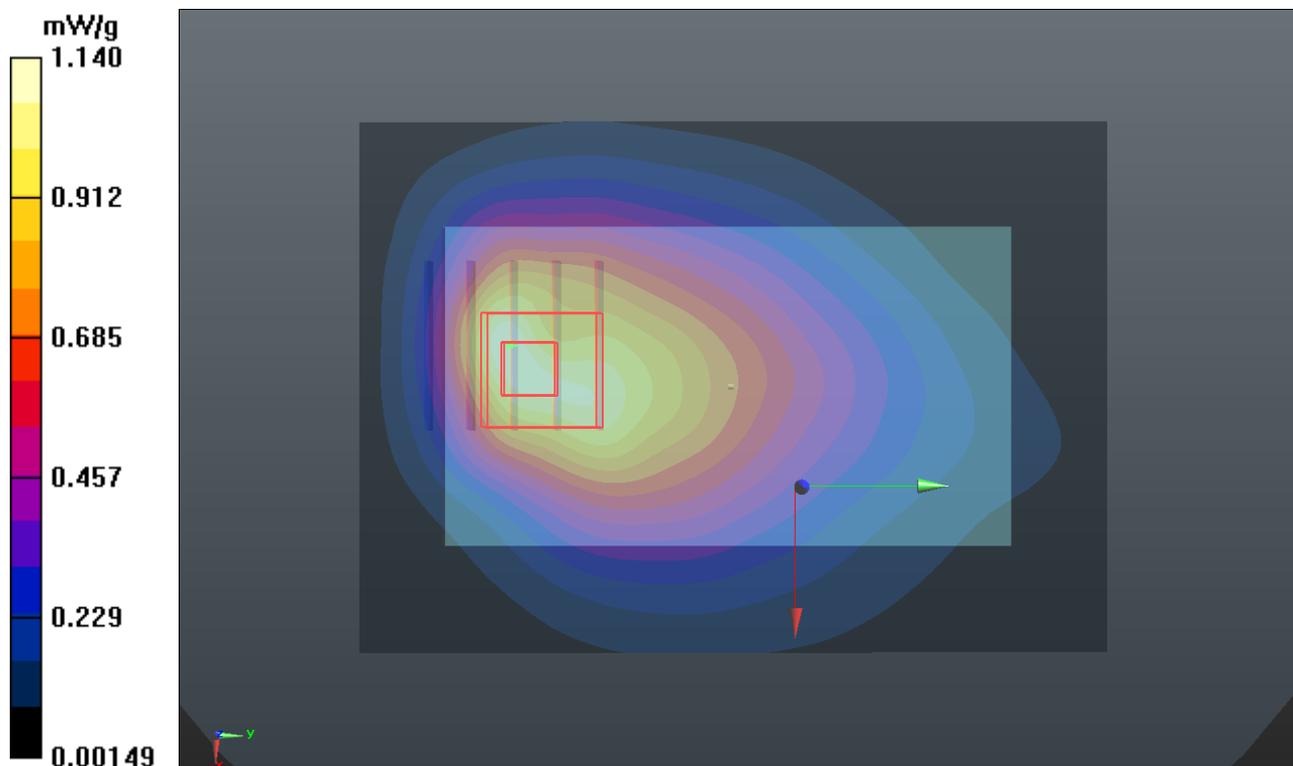
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.520 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.441 mW/g

SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.557 mW/g

Maximum value of SAR (measured) = 1.14 mW/g



P48 GSM850_GPRS10_Rear Face_1cm_Ch251_Battery2_Earphone2

DUT: 120406C01

Communication System: GPRS10; Frequency: 848.8 MHz; Duty Cycle: 1:4.00037

Medium: B835_0413 Medium parameters used: $f = 849$ MHz; $\sigma = 1.013$ mho/m; $\epsilon_r = 55.051$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch251/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.00 mW/g

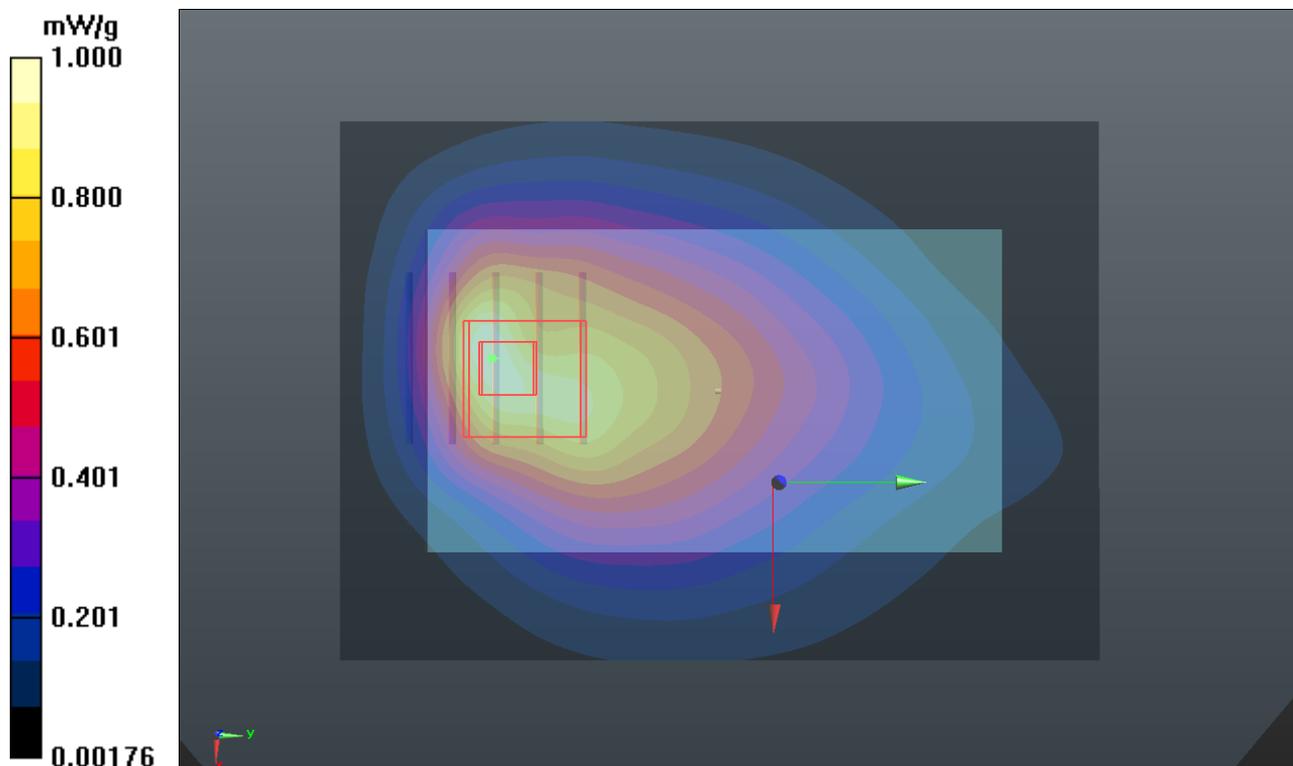
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.554 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.323 mW/g

SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



P21 GSM1900_GPRS10_Front Face_1cm_Ch810_Battery1

DUT: 120406C01

Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: B1900_0413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

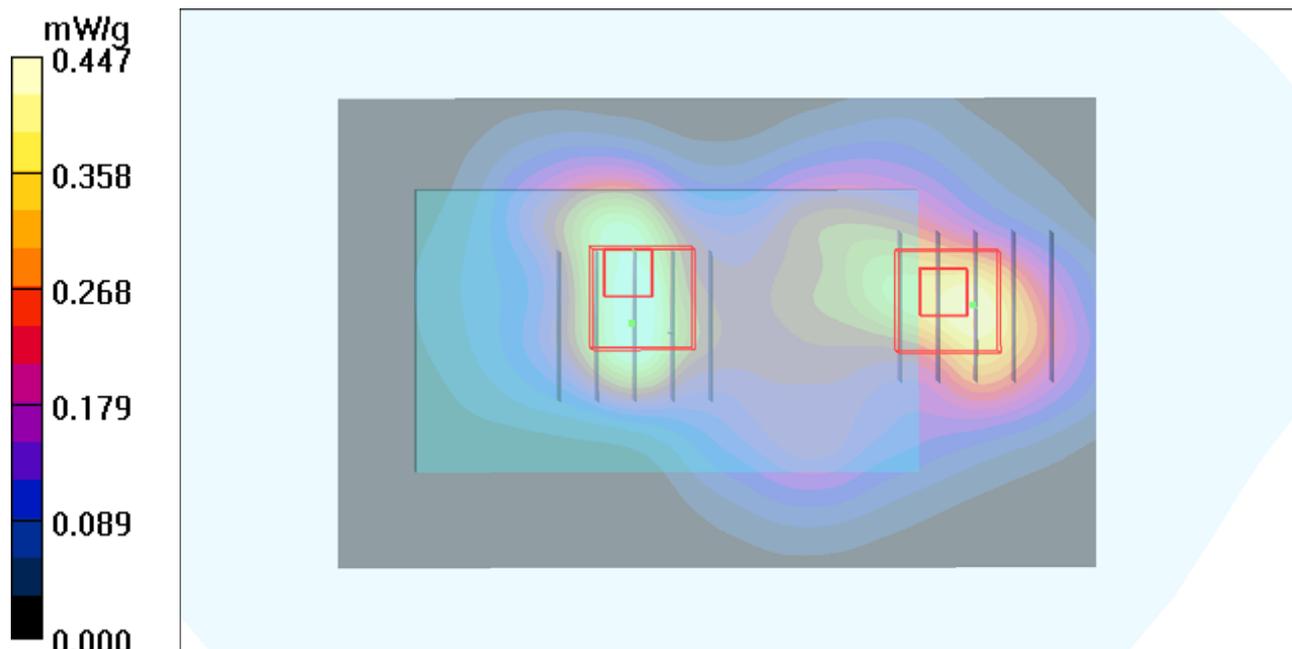
DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.447 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.574 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.384 mW/g



P22 GSM1900_GPRS10_Resr Face_1cm_Ch810_Battery1

DUT: 120406C01

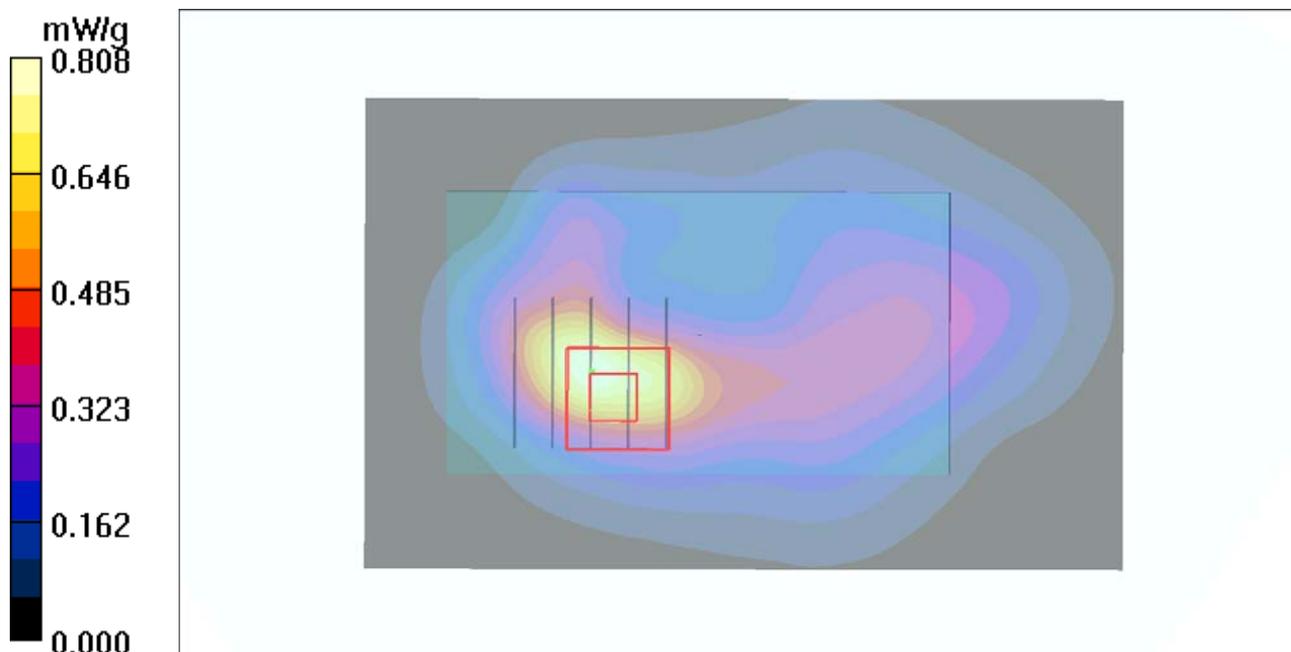
Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: B1900_0413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

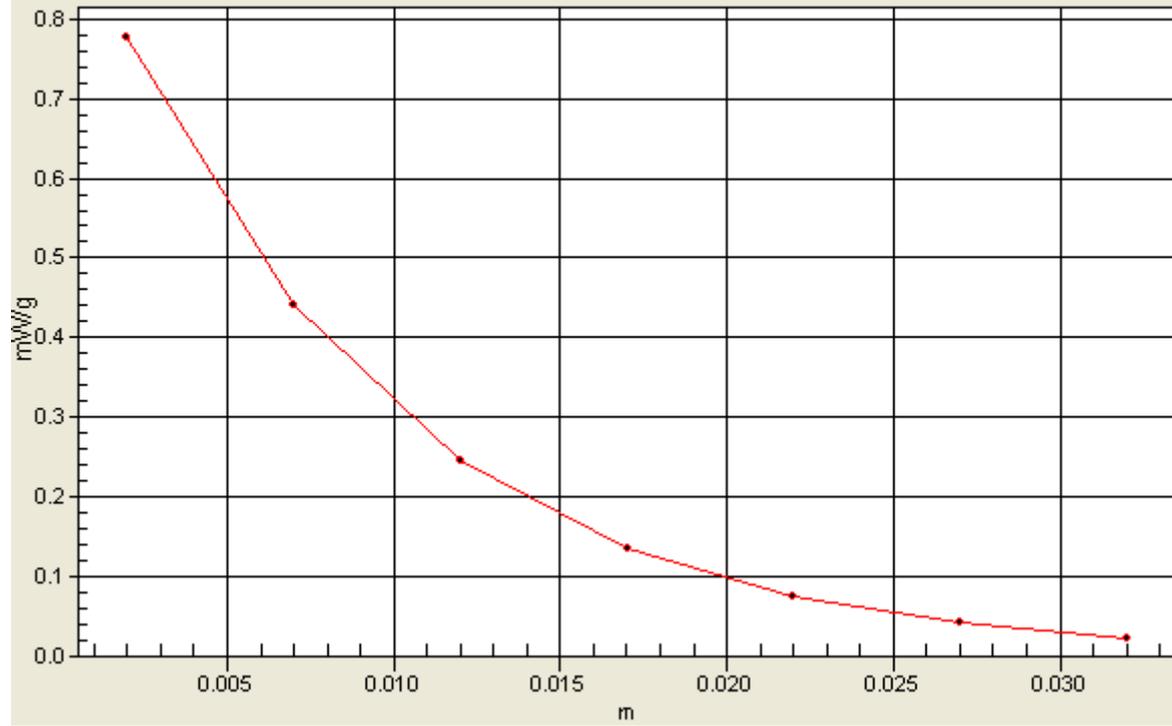
Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.808 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.0 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.294 mW/g
Maximum value of SAR (measured) = 0.778 mW/g



1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=1, Y=2



P23 GSM1900_GPRS10_Left Side_1cm_Ch810_Battery1

DUT: 120406C01

Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: B1900_0413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

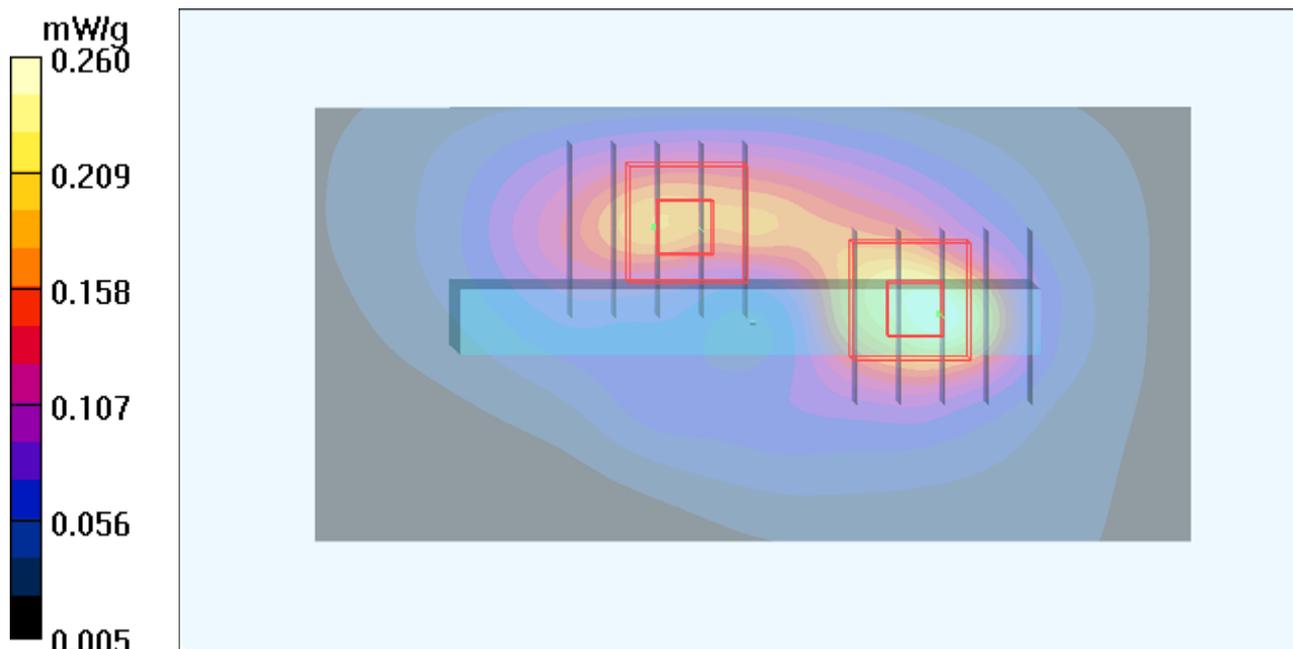
DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.260 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.90 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.338 W/kg
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.256 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.90 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.258 W/kg
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.202 mW/g



P24 GSM1900_GPRS10_Right Side_1cm_Ch810_Battery1

DUT: 120406C01

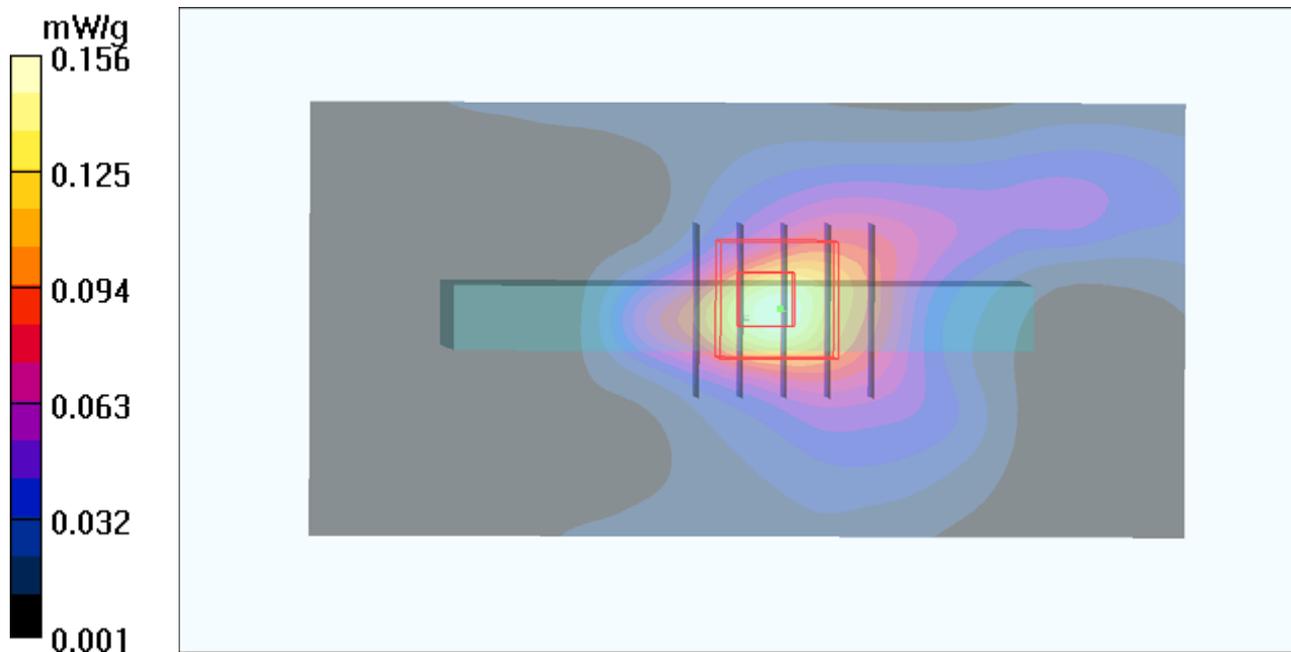
Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: B1900_0413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.79 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.201 W/kg
SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.152 mW/g



P26 GSM1900_GPRS10_Bottom Side_1cm_Ch810_Battery1

DUT: 120406C01

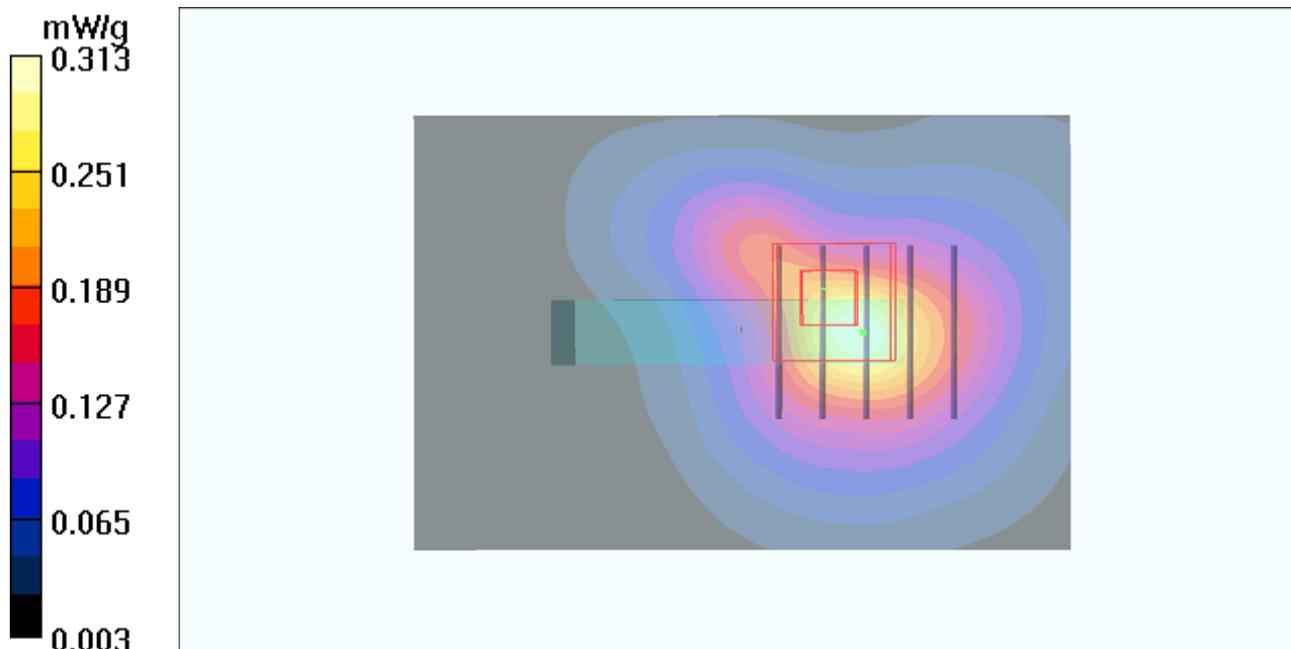
Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: B1900_0413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.313 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.68 V/m; Power Drift = 0.146 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.403 mW/g



P27 GSM1900_GPRS10_Resr Face_1cm_Ch810_Battery2

DUT: 120406C01

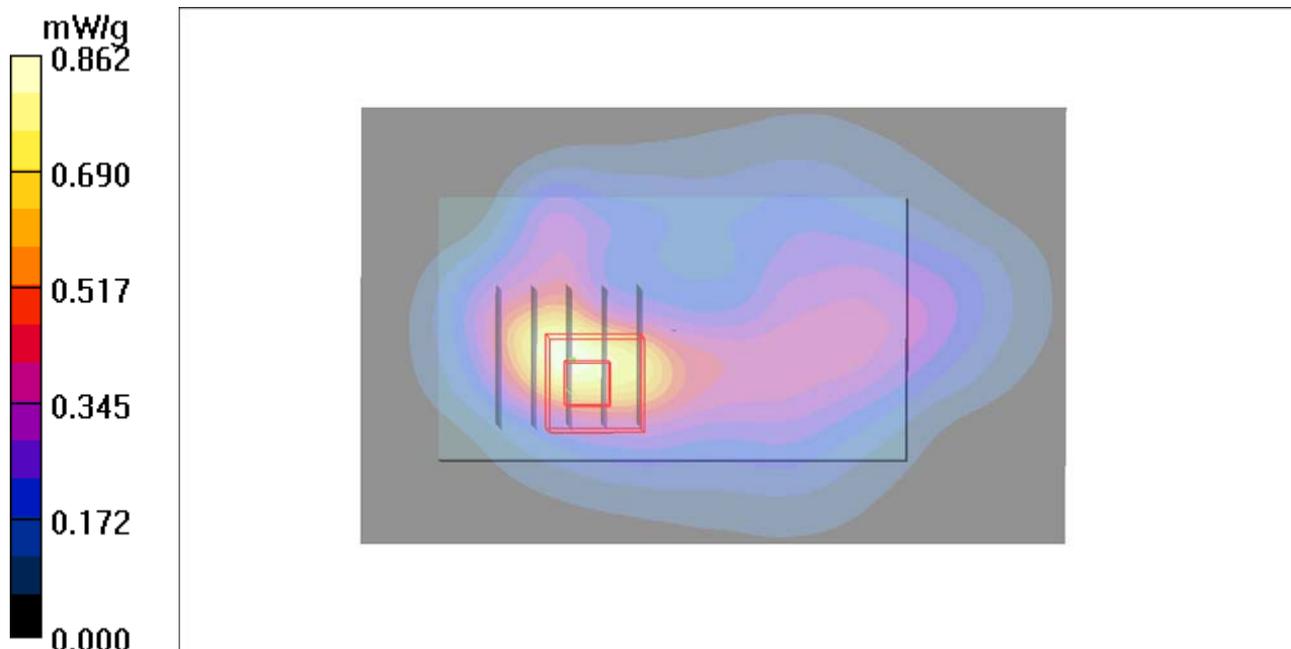
Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: B1900_0413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.862 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.5 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 0.953 W/kg
SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.702 mW/g



P28 GSM1900_GPRS10_Front Face_1cm_Ch810_Battery1_Earphone1

DUT: 120406C01

Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: B1900_0413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

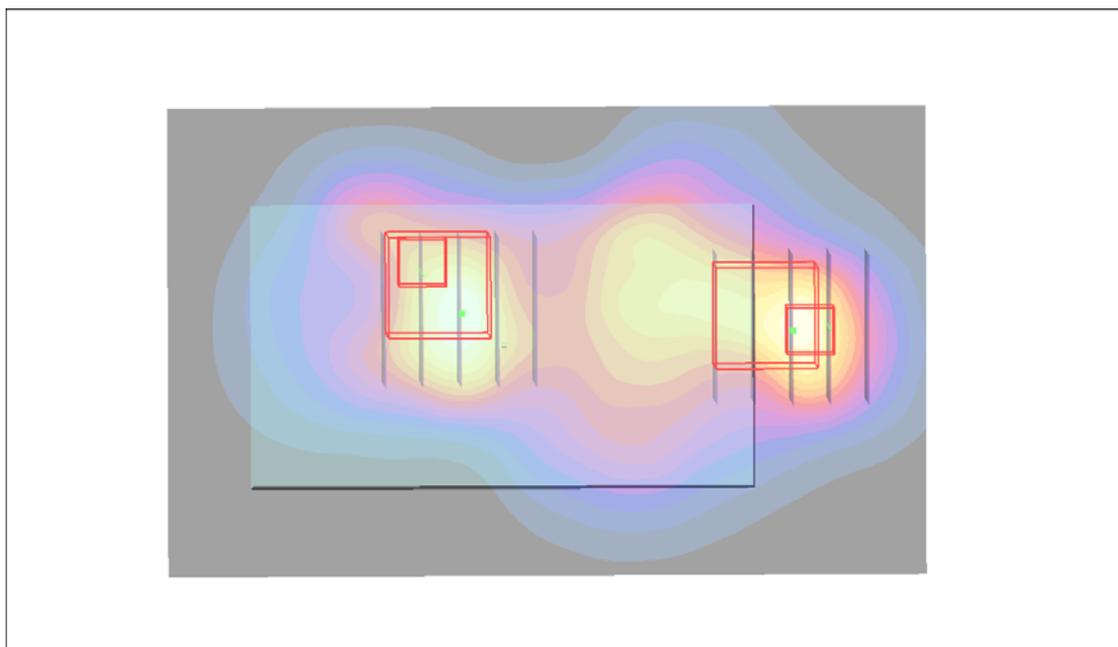
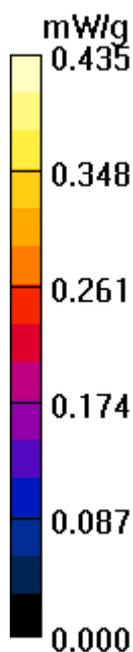
DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.435 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 0.772 W/kg
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.186 mW/g
Maximum value of SAR (measured) = 0.561 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.160 mW/g
Maximum value of SAR (measured) = 0.369 mW/g



P29 GSM1900_GPRS10_Resr Face_1cm_Ch810_Battery1_Earphone1

DUT: 120406C01

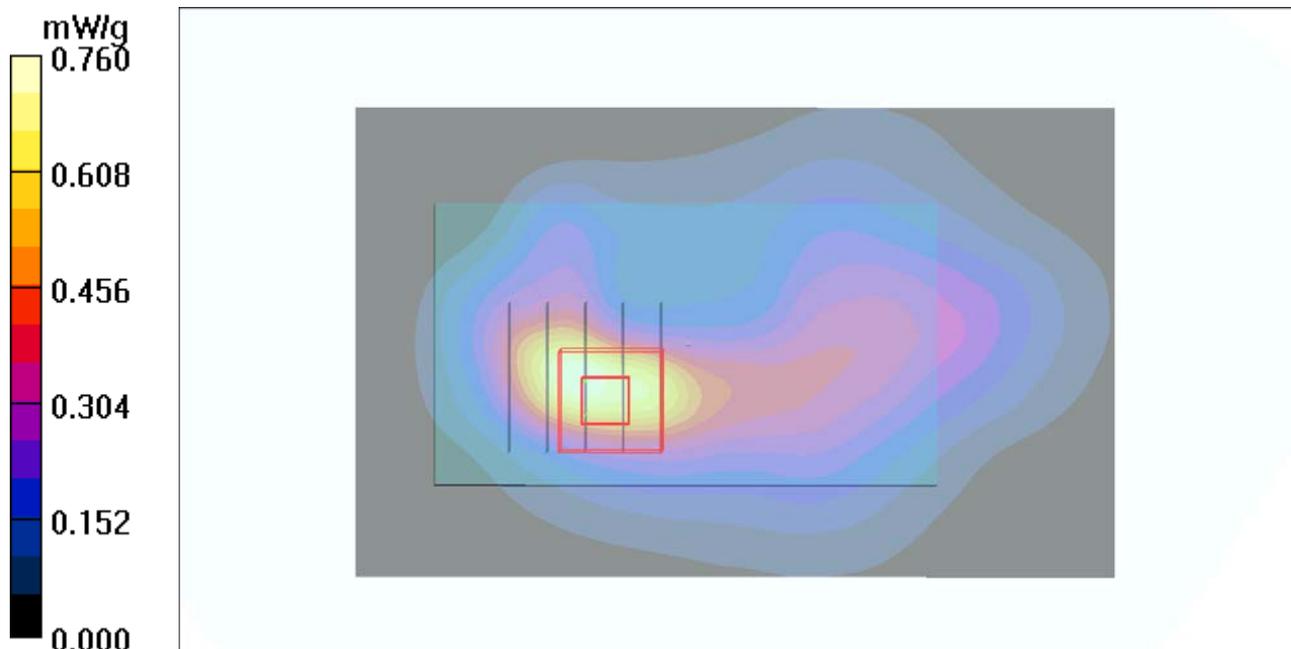
Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: B1900_0413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.760 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.3 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.761 mW/g



P30 GSM1900_GPRS10_Resr Face_1cm_Ch810_Battery2_Earphone2

DUT: 120406C01

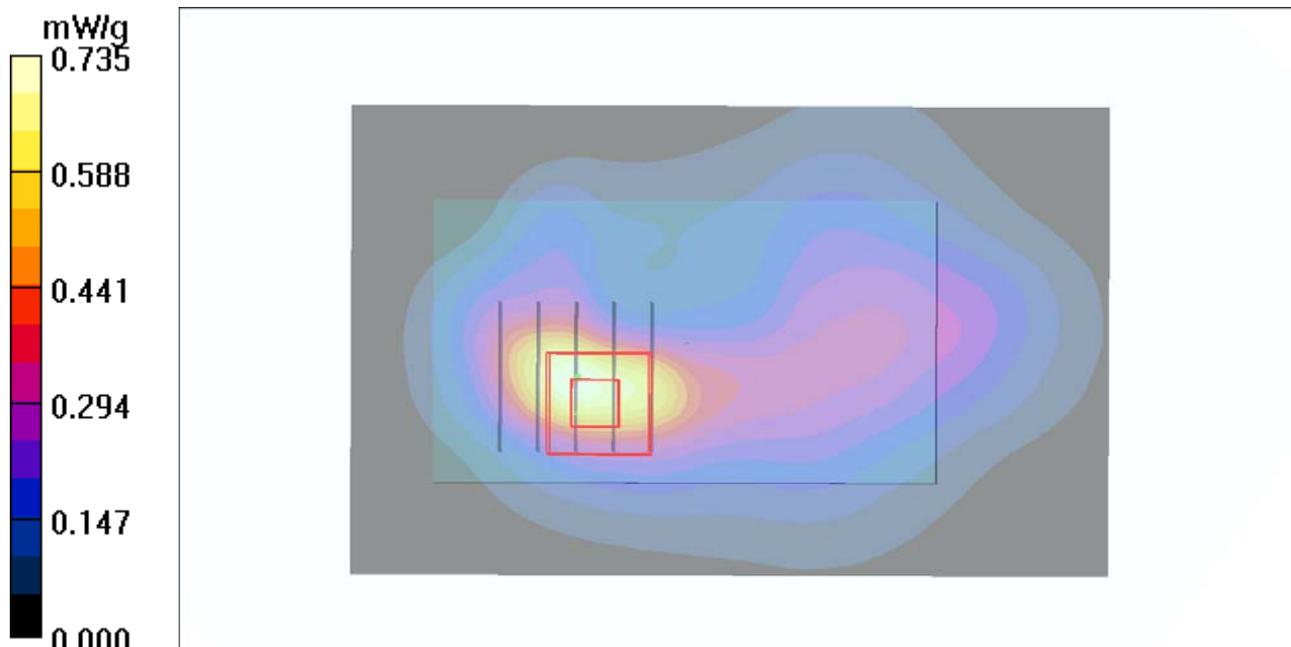
Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: B1900_0413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.735 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 0.737 mW/g



P56 802.11b_Front Face_1cm_Ch01_Battery1

DUT: 120406C01

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0416 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.921$ mho/m; $\epsilon_r = 51.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch01/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0955 mW/g

Ch01/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.222 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.133 mW/g

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.041 mW/g

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

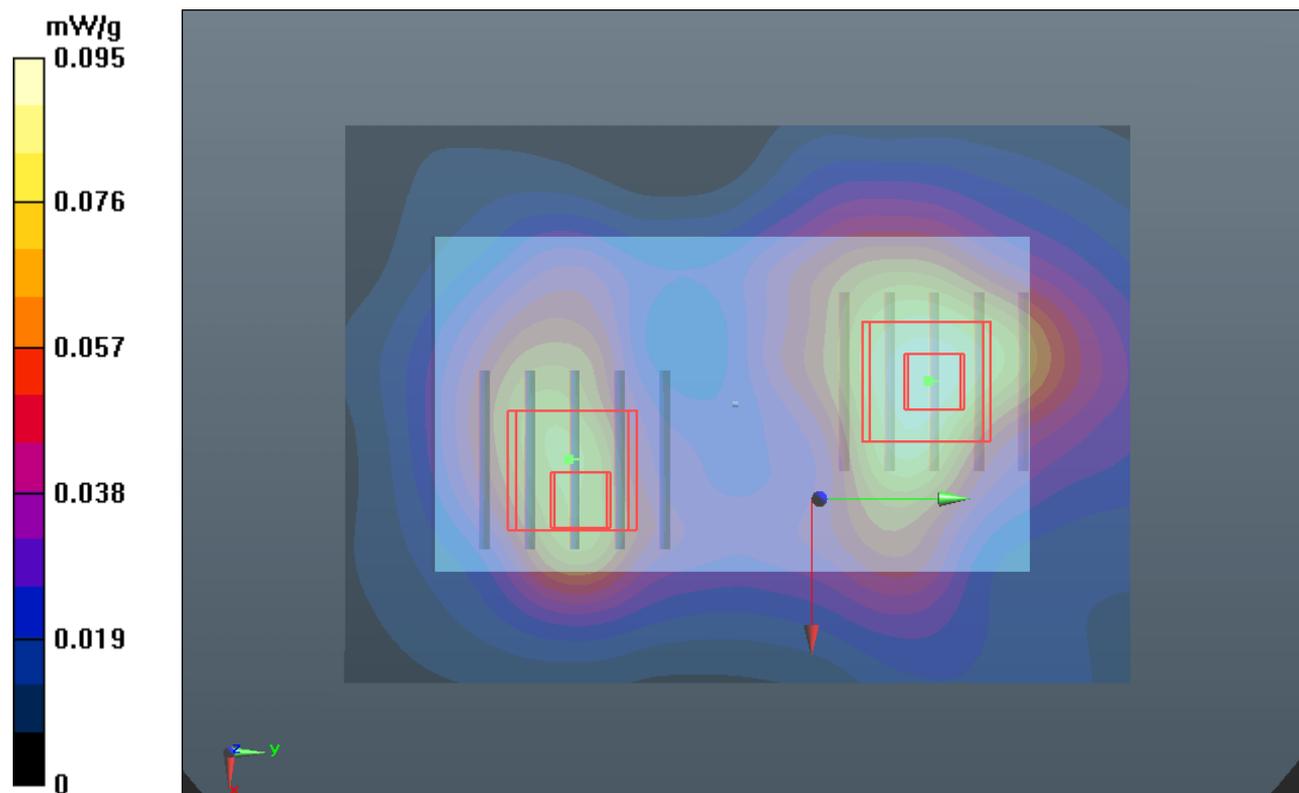
Ch01/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.222 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.103 mW/g

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

Maximum value of SAR (measured) = 0.0781 mW/g



P57 802.11b_Rear Face_1cm_Ch01_Battery1

DUT: 120406C01

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0416 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.921$ mho/m; $\epsilon_r = 51.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch01/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

Ch01/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.660 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.613 mW/g

SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.432 mW/g

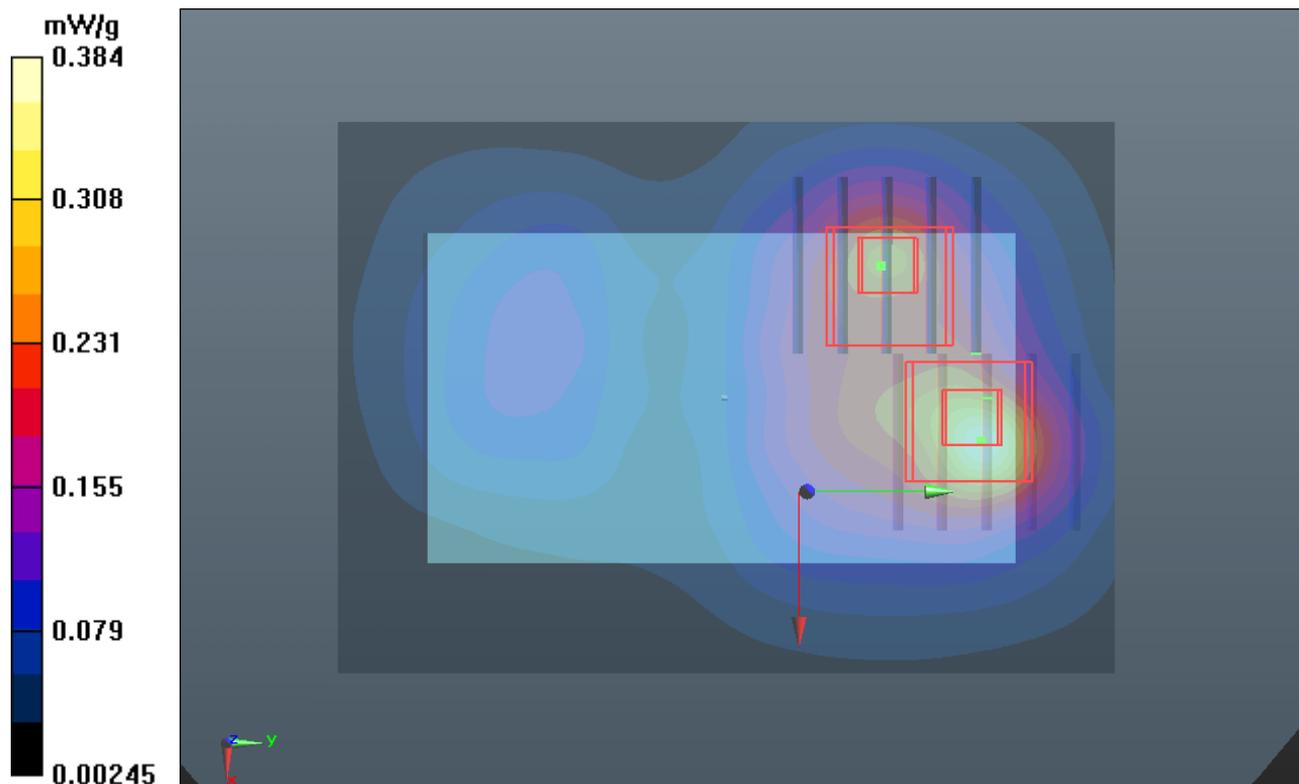
Ch01/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.660 V/m; Power Drift = 0.14 dB

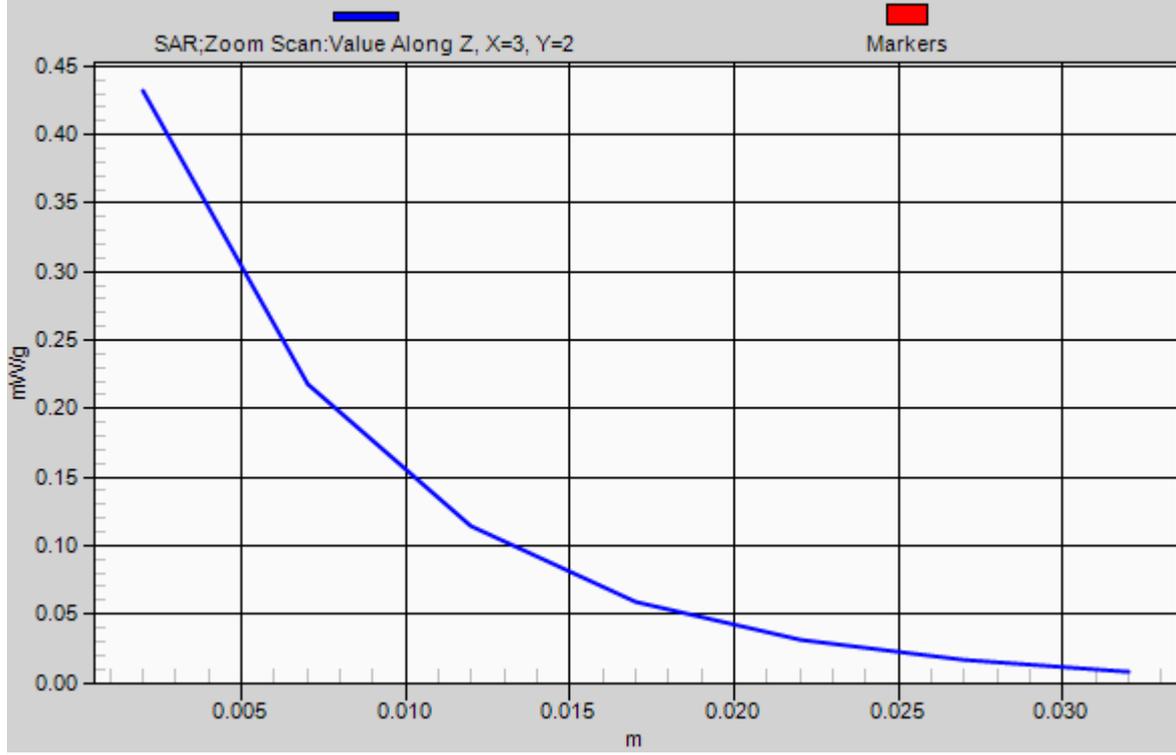
Peak SAR (extrapolated) = 0.385 mW/g

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.285 mW/g



1g/10g Averaged SAR



P58 802.11b_Left Side_1cm_Ch01_Battery1

DUT: 120406C01

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0416 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.921$ mho/m; $\epsilon_r = 51.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch01/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0648 mW/g

Ch01/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.687 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.089 mW/g

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.0641 mW/g

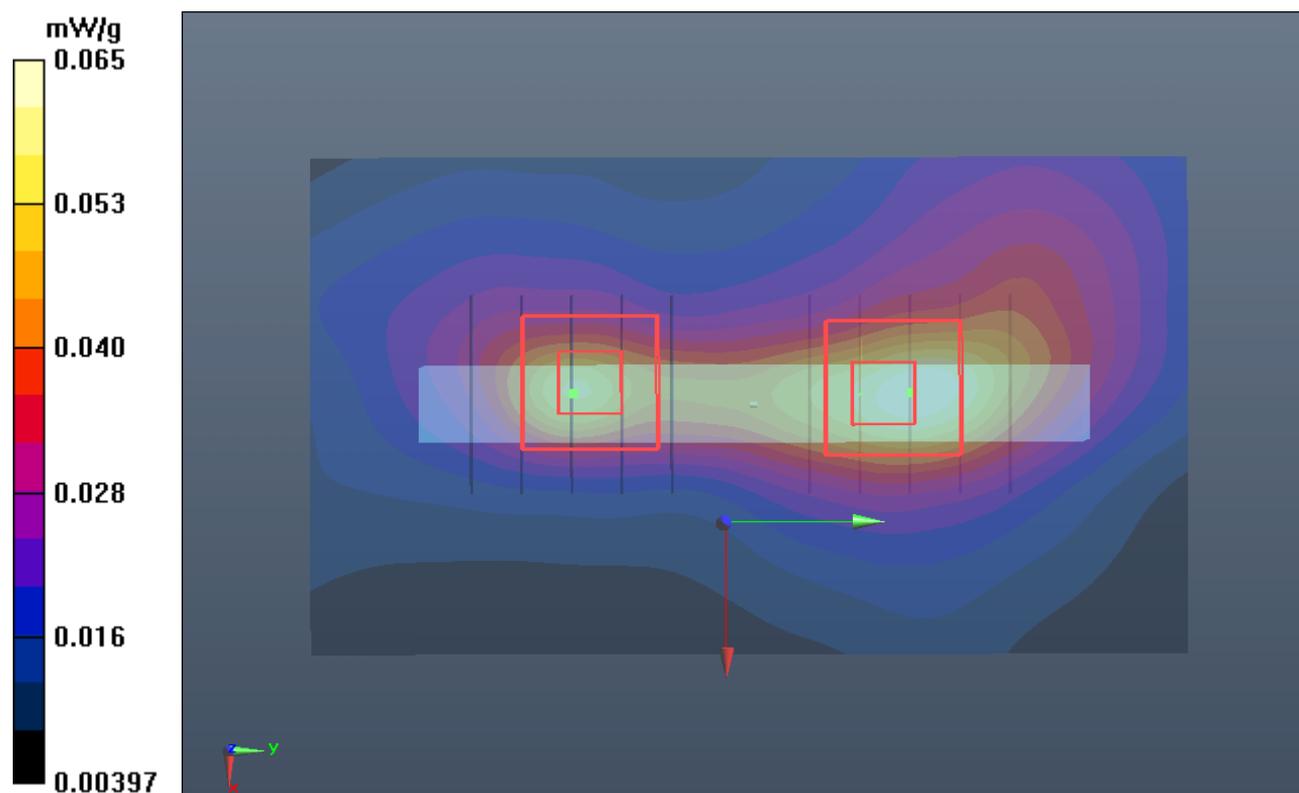
Ch01/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.687 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.073 mW/g

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.0538 mW/g



P59 802.11b_Right Side_1cm_Ch01_Battery1

DUT: 120406C01

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0416 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.921$ mho/m; $\epsilon_r = 51.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch01/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.164 mW/g

Ch01/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.184 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.254 mW/g

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.185 mW/g

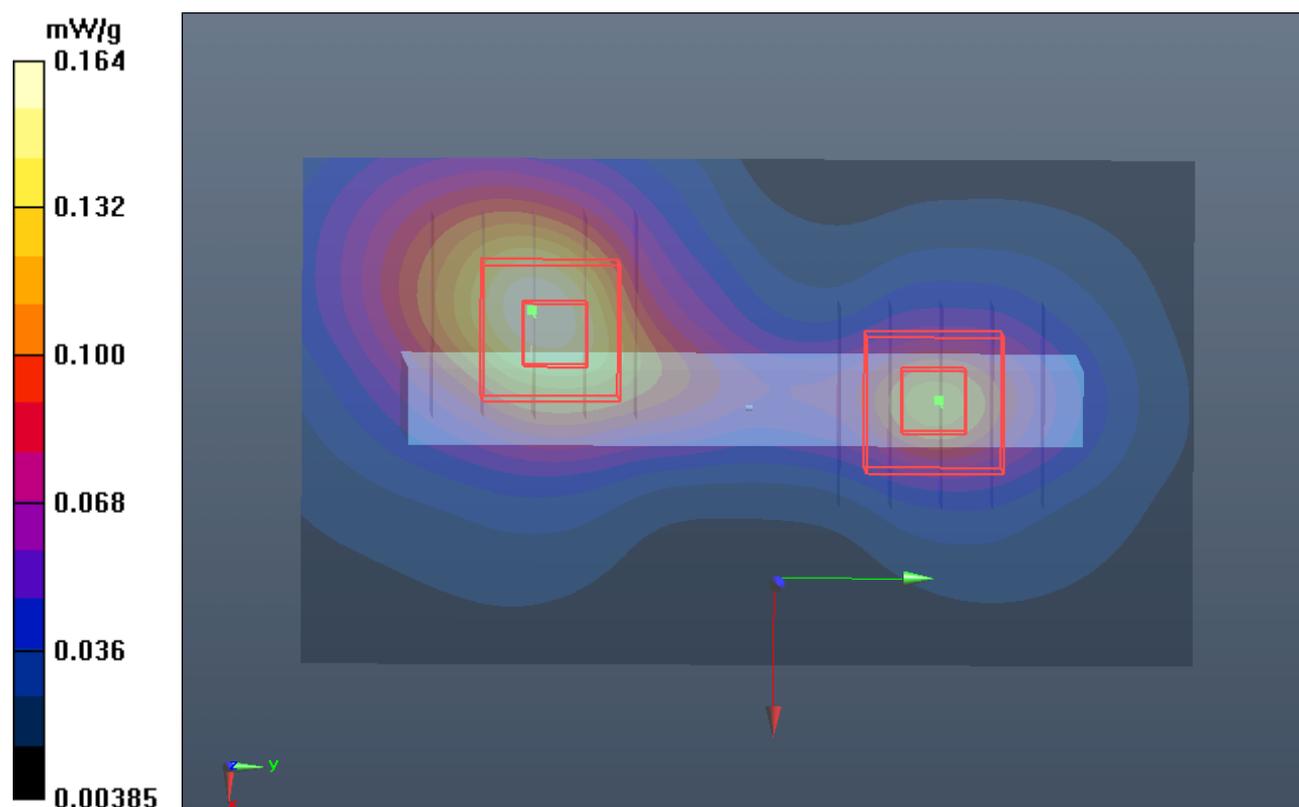
Ch01/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.184 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.140 mW/g

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.107 mW/g



P60 802.11b_Top Side_1cm_Ch01_Battery1

DUT: 120406C01

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0416 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.921$ mho/m; $\epsilon_r = 51.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch01/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm

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

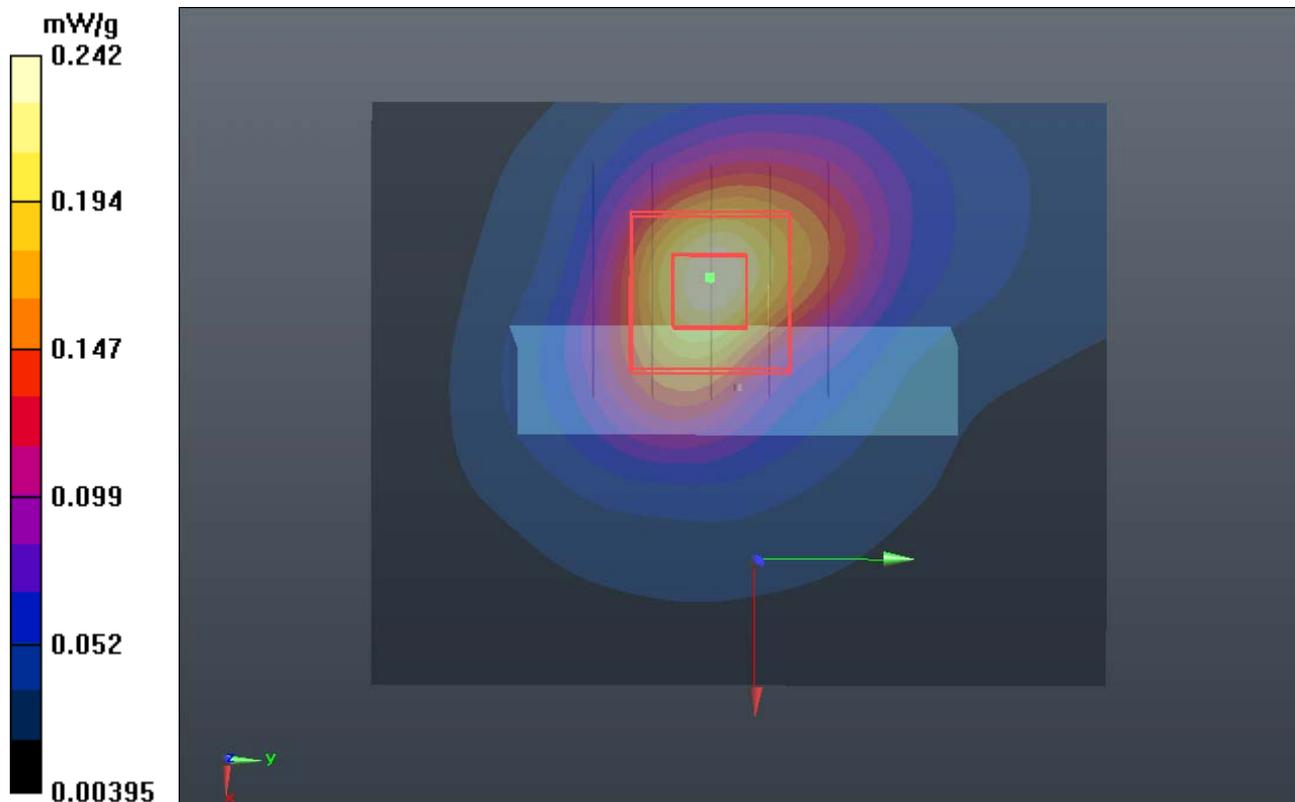
Ch01/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.961 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.452 mW/g

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.321 mW/g



P64 802.11b_Rear Face_1cm_Ch01_Battery2

DUT: 120406C01

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0416 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.921$ mho/m; $\epsilon_r = 51.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch01/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

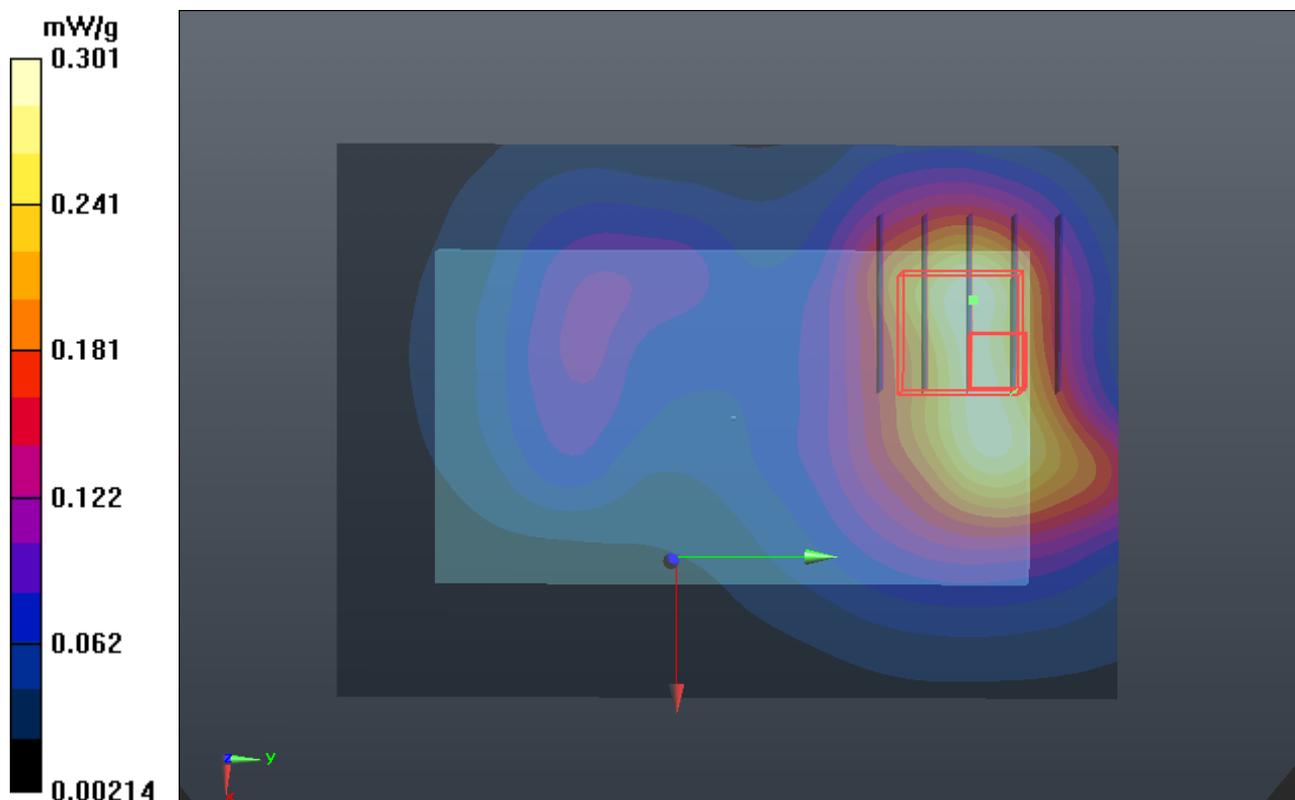
Ch01/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.413 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.575 mW/g

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.418 mW/g



P65 802.11b_Front Face_1cm_Ch01_Battery1_Earphone1

DUT: 120406C01

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0416 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.921$ mho/m; $\epsilon_r = 51.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch01/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0354 mW/g

Ch01/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.959 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.052 mW/g

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.0367 mW/g

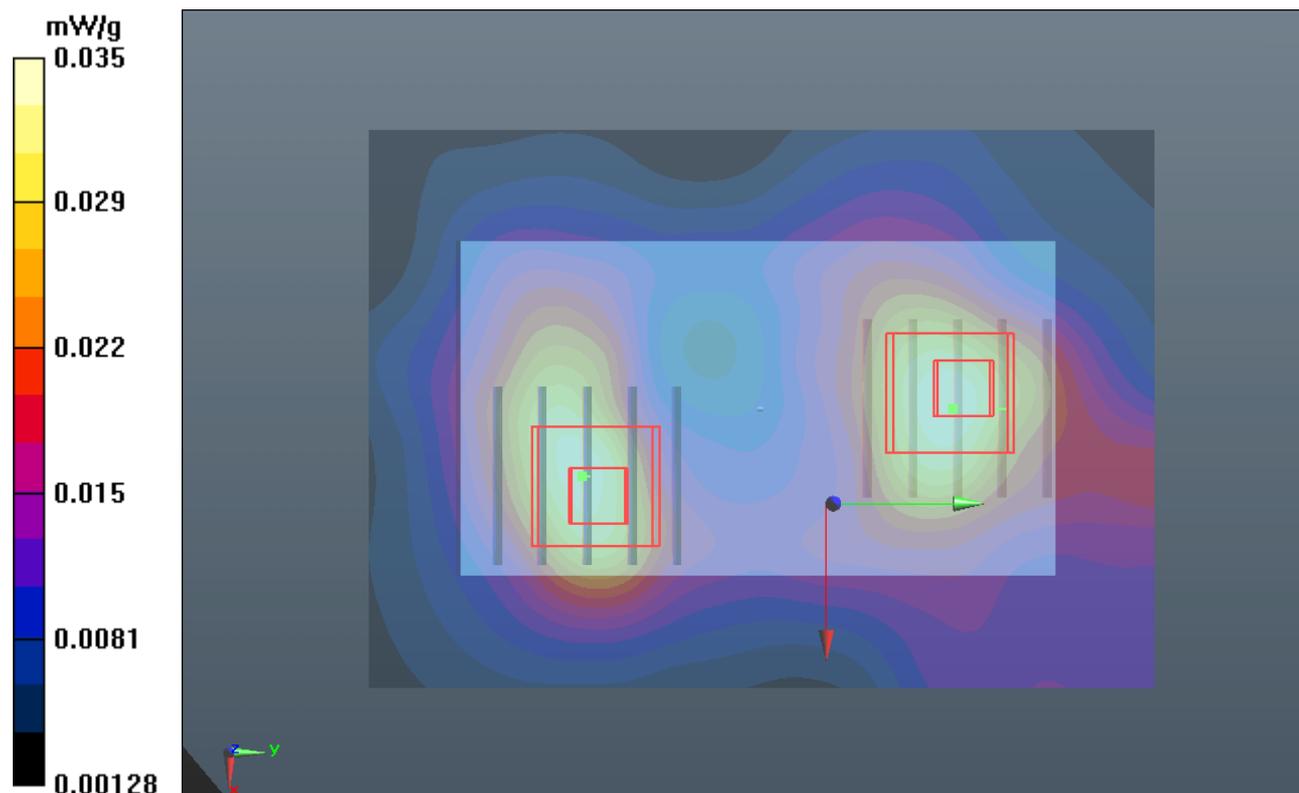
Ch01/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.959 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.044 mW/g

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.0336 mW/g



P66 802.11b_Rear Face_1cm_Ch01_Battery1_Earphone1

DUT: 120406C01

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0416 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.921$ mho/m; $\epsilon_r = 51.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch01/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

Ch01/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.929 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.464 mW/g

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.326 mW/g

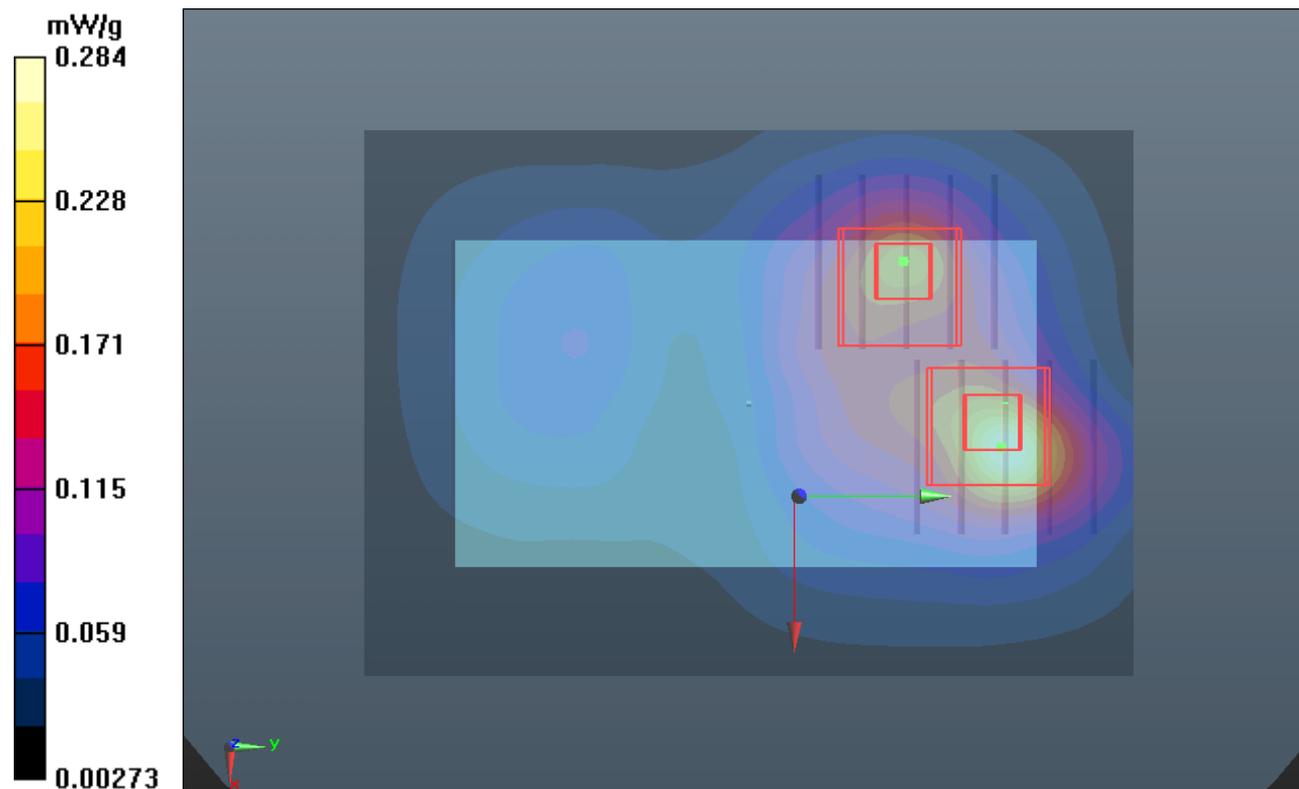
Ch01/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.929 V/m; Power Drift = -0.18 dB

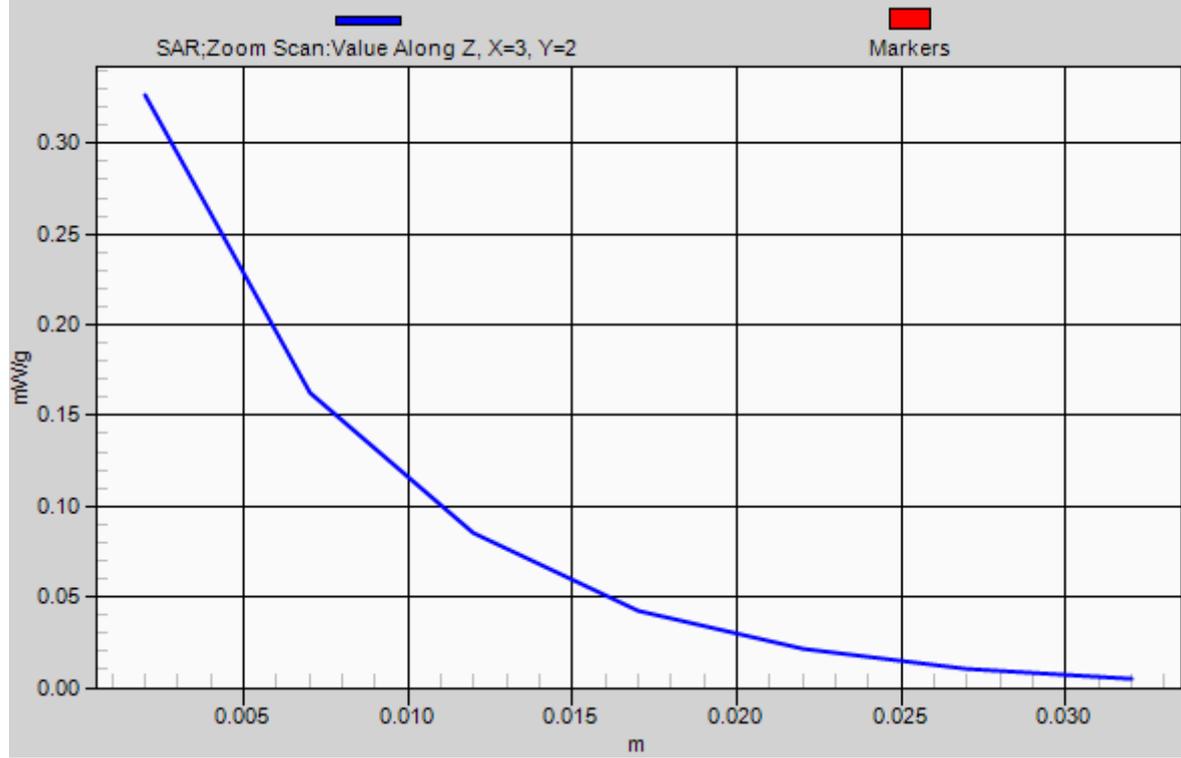
Peak SAR (extrapolated) = 0.275 mW/g

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.080 mW/g

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



1g/10g Averaged SAR



P69 802.11b_Rear Face_1cm_Ch01_Battery2_Earphone2

DUT: 120406C01

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0416 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.921$ mho/m; $\epsilon_r = 51.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch01/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.254 mW/g

Ch01/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.278 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.336 mW/g

SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.232 mW/g

Ch01/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.278 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.246 mW/g

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.188 mW/g

