

P17 GSM850_GPRS11_Right Cheek_Ch189_Sample1

DUT: 120110C02

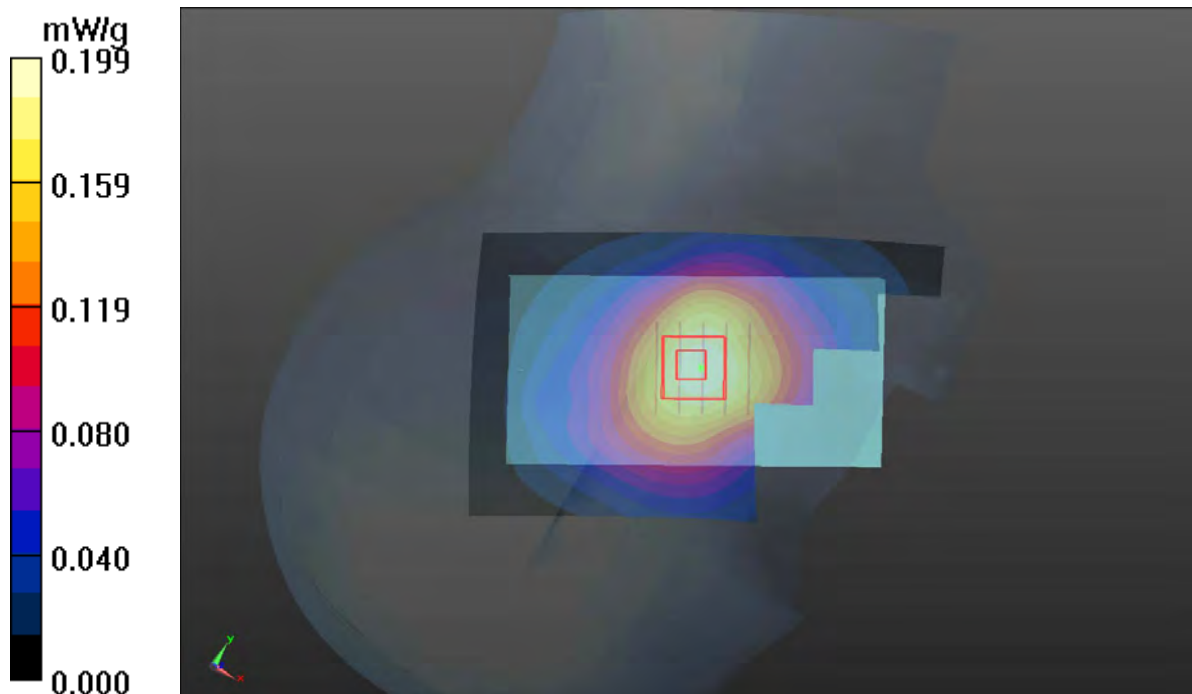
Communication System: GSM850 GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.67
Medium: H835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.4 °C; Liquid Temperature : 20.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

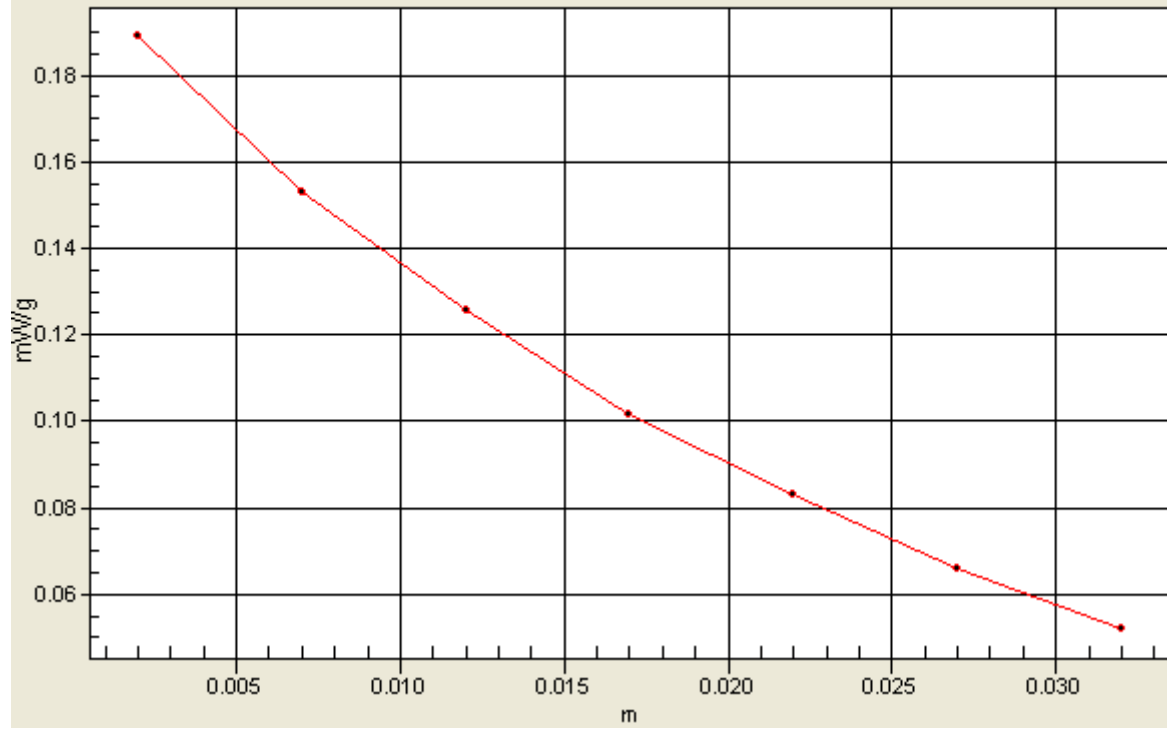
Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.199 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.68 V/m; Power Drift = -0.170 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.189 mW/g



1g/10g Averaged SAR

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



P18 GSM850_GPRS11_Right Tilted_Ch189_Sample1

DUT: 120110C02

Communication System: GSM850 GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.67
Medium: H835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.4 °C; Liquid Temperature : 20.2 °C

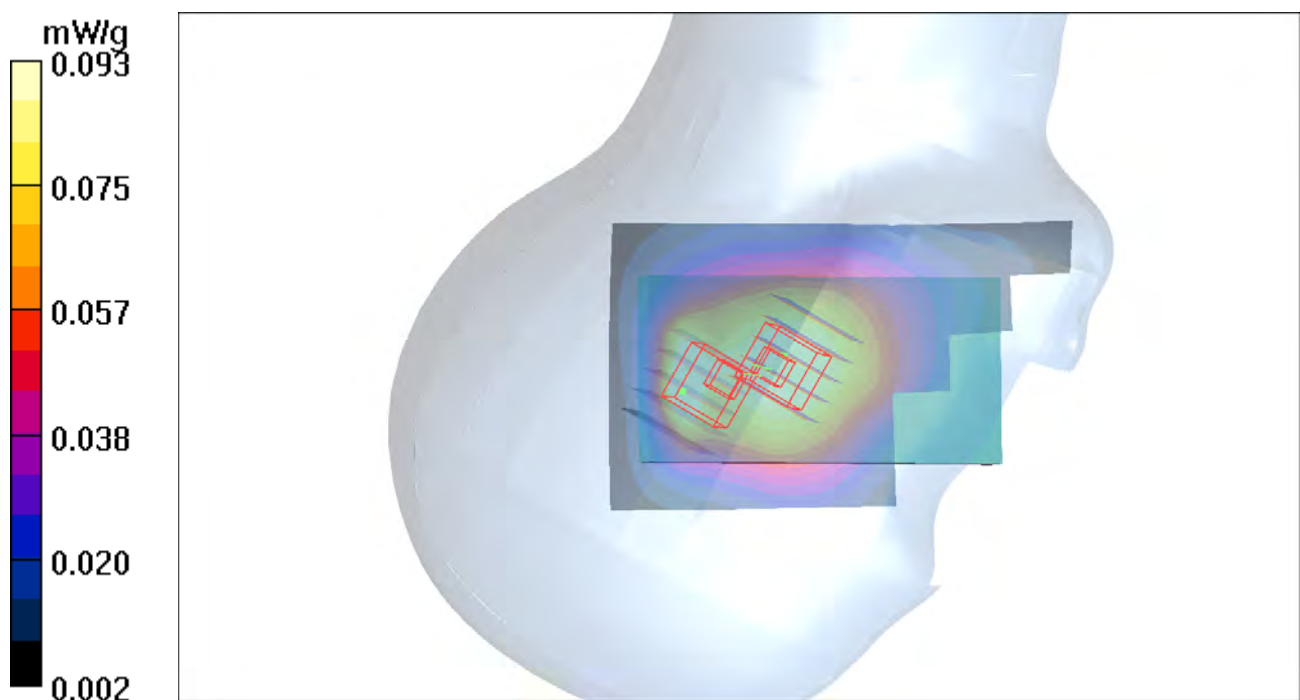
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.115 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.86 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.099 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.86 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.093 mW/g



P19 GSM850_GPRS11_Left Cheek_Ch189_Sample1

DUT: 120110C02

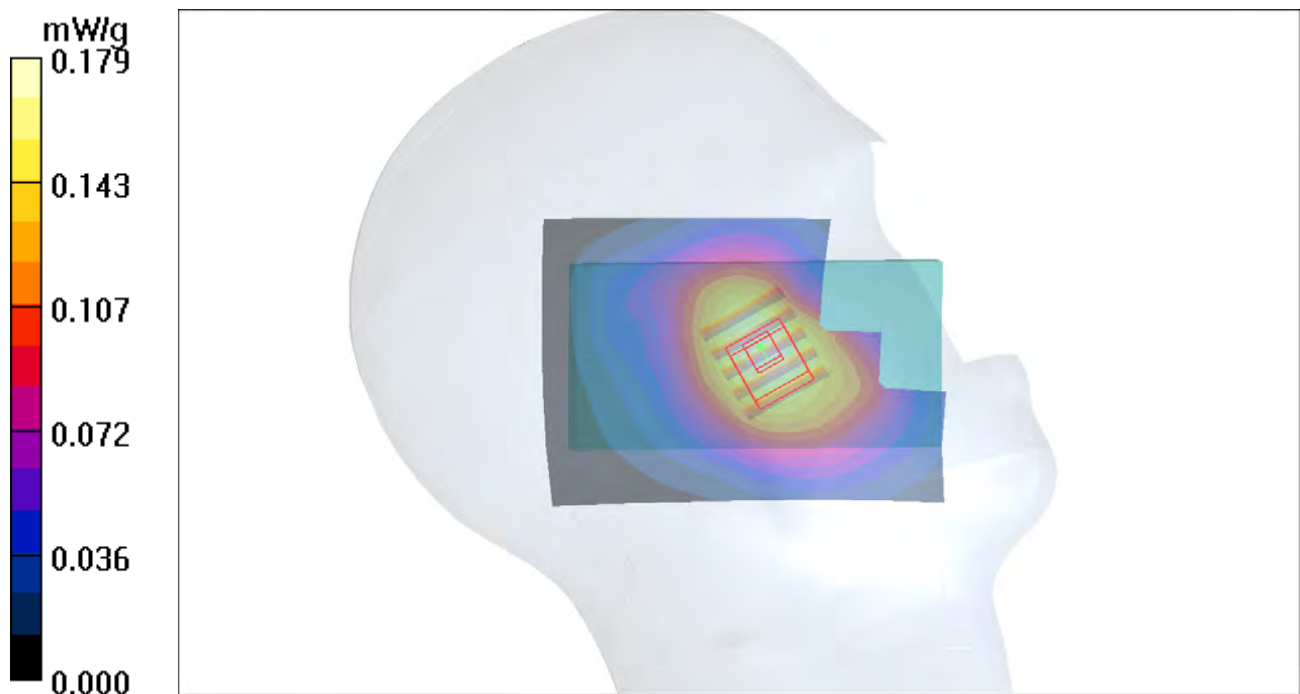
Communication System: GSM850 GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.67
Medium: H835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.3 °C; Liquid Temperature : 20.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.179 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.95 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.178 mW/g



P20 GSM850_GPRS11_Left Tilted_Ch189_Sample1

DUT: 120110C02

Communication System: GSM850 GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.67
Medium: H835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.2 °C

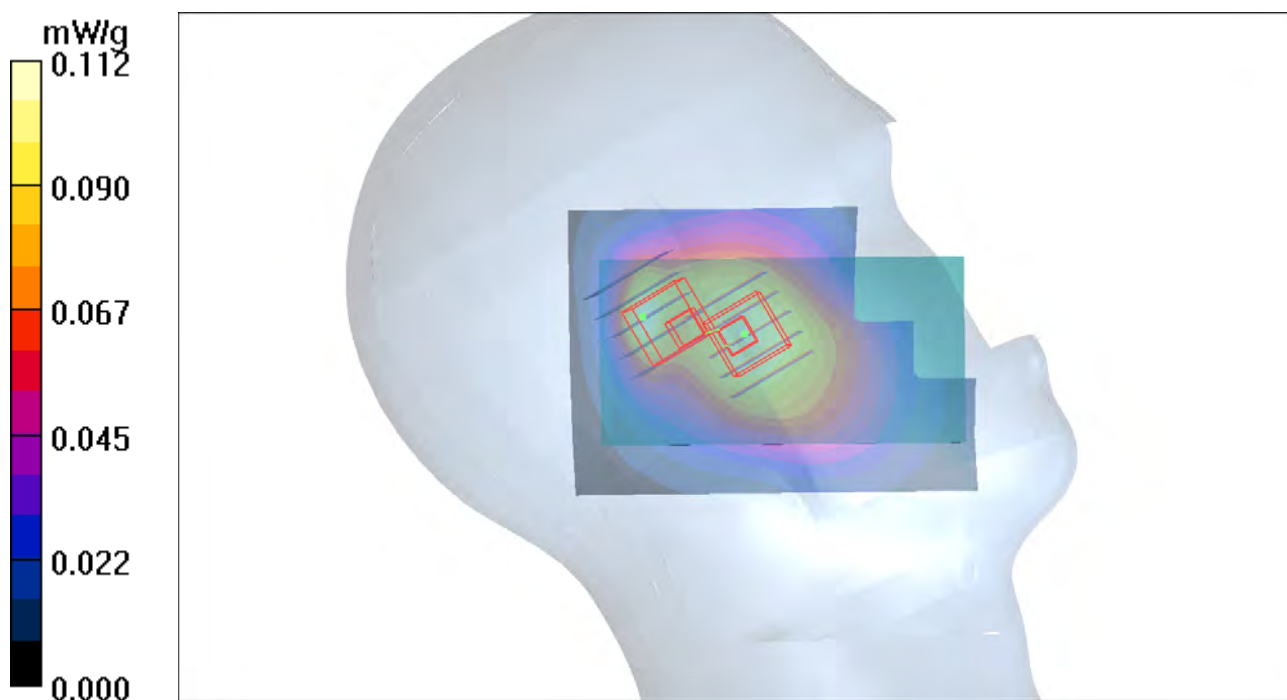
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.112 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.87 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.102 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.87 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.096 mW/g



P55 GSM850_GPRS11_Right Cheek_Ch189_Sample2

DUT: 120109C17

Communication System: GSM850 GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.67

Medium: H835_0209 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42$; $\rho = 1000$

kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

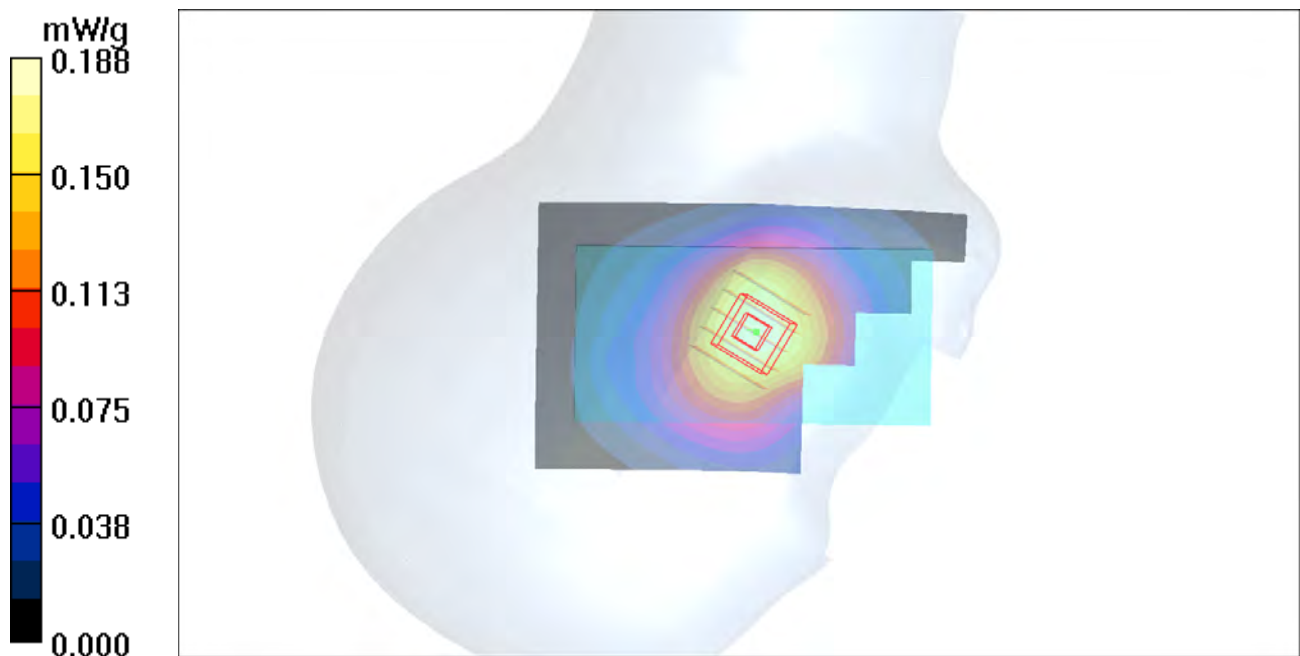
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.47 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.179 mW/g



P75 GSM1900_GPRS11_Right Cheek_Ch661_Sample1

DUT: 120109C17

Communication System: GSM1900 GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: H1900_0210 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.434$ mho/m; $\epsilon_r = 41.451$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.053 mW/g

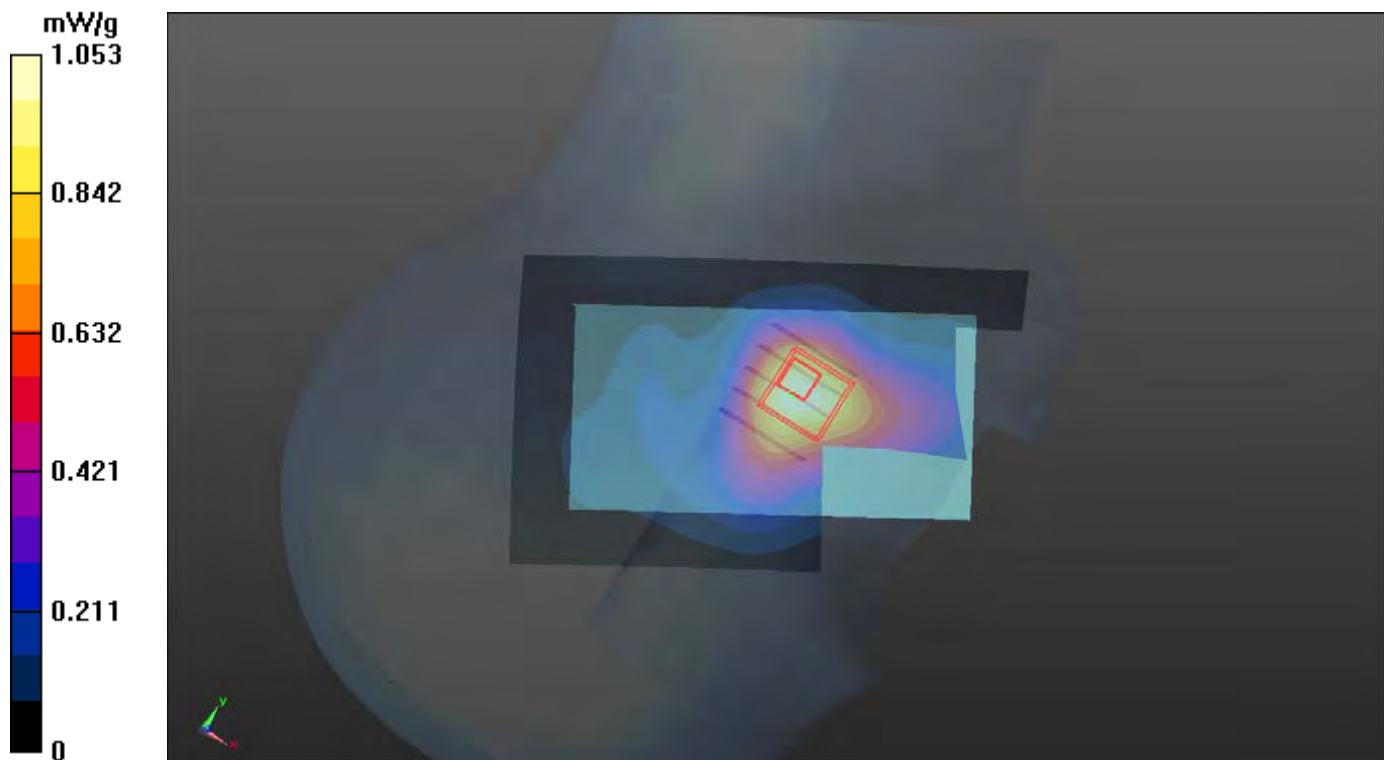
\Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.318 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.1100

SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.543 mW/g

Maximum value of SAR (measured) = 0.972 mW/g



P66 GSM1900_GPRS11_Right Tilted_Ch661_Sample1

DUT: 120109C17

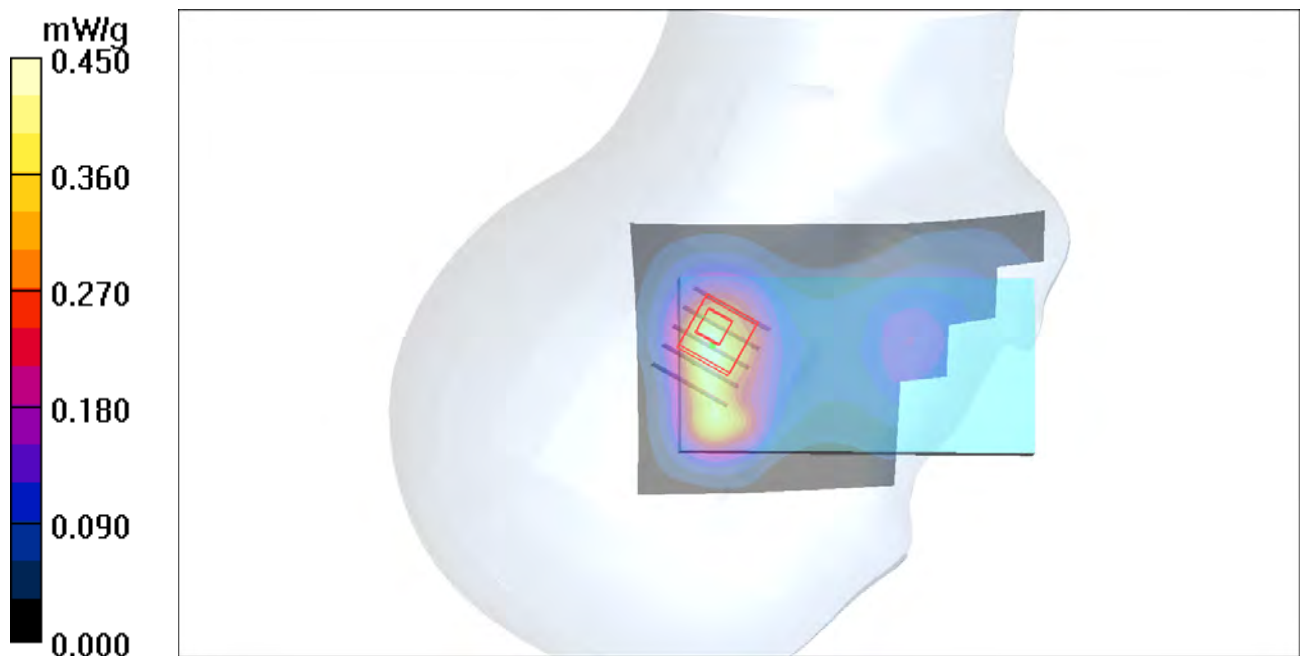
Communication System: GSM1900 GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.67
Medium: H1900_0209 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.4 °C; Liquid Temperature : 20.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.450 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.168 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.160 mW/g
Maximum value of SAR (measured) = 0.357 mW/g



P67 GSM1900_GPRS11_Left Cheek_Ch661_Sample1

DUT: 120109C17

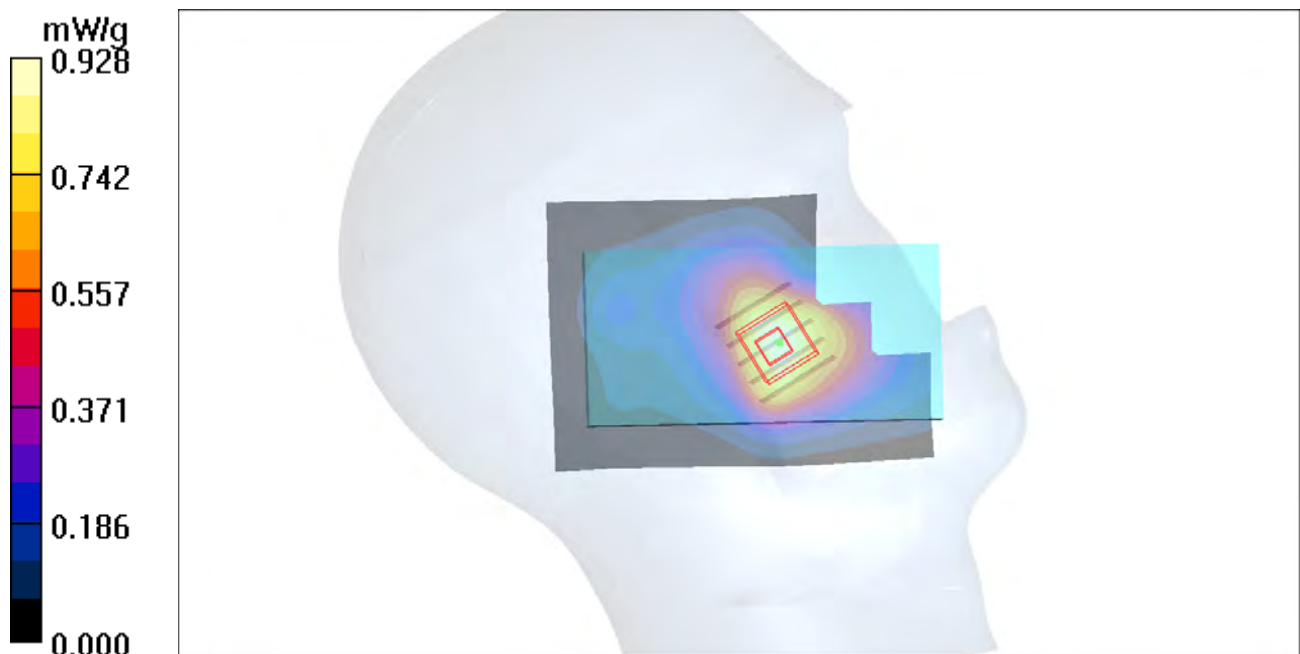
Communication System: GSM1900 GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.67
Medium: H1900_0209 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.928 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.37 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.961 W/kg
SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 0.819 mW/g



P68 GSM1900_GPRS11_Left Tilted_Ch661_Sample1

DUT: 120109C17

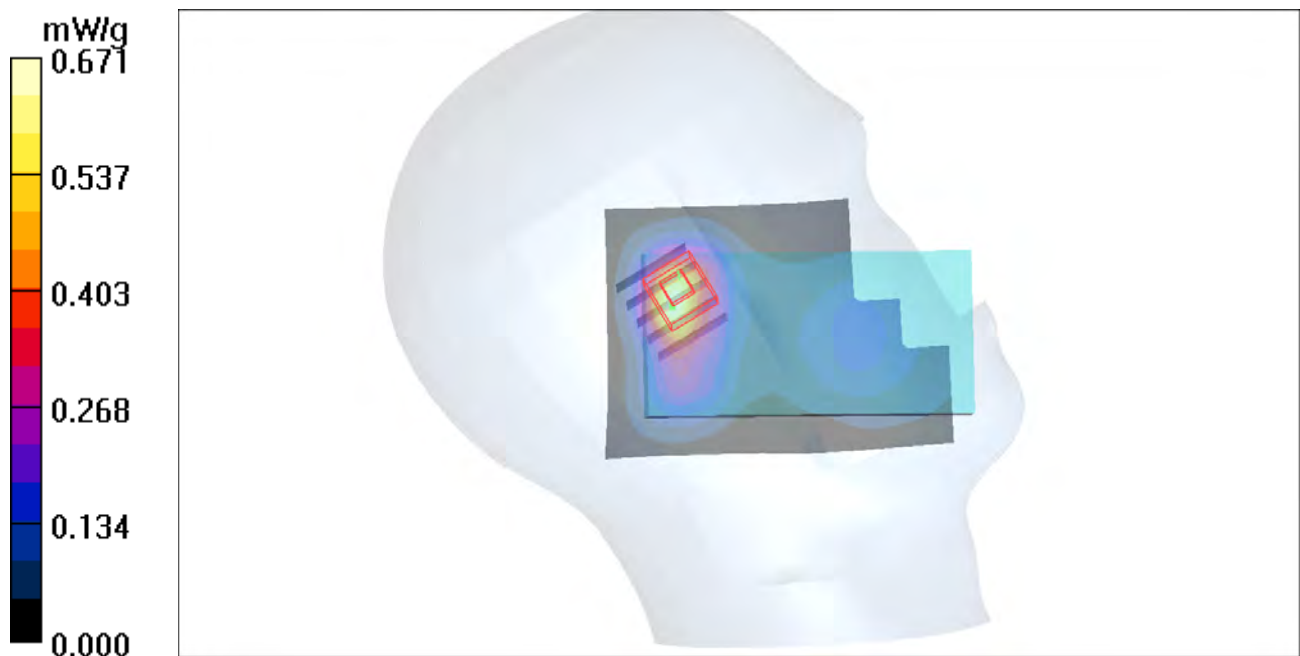
Communication System: GSM1900 GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.67
Medium: H1900_0209 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.671 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 0.764 W/kg
SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.231 mW/g
Maximum value of SAR (measured) = 0.571 mW/g



P76 GSM1900_GPRS11_Right Cheek_Ch512_Sample1

DUT: 120109C17

Communication System: GPRS11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.66993

Medium: H1900_0210 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r = 41.559$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.951 mW/g

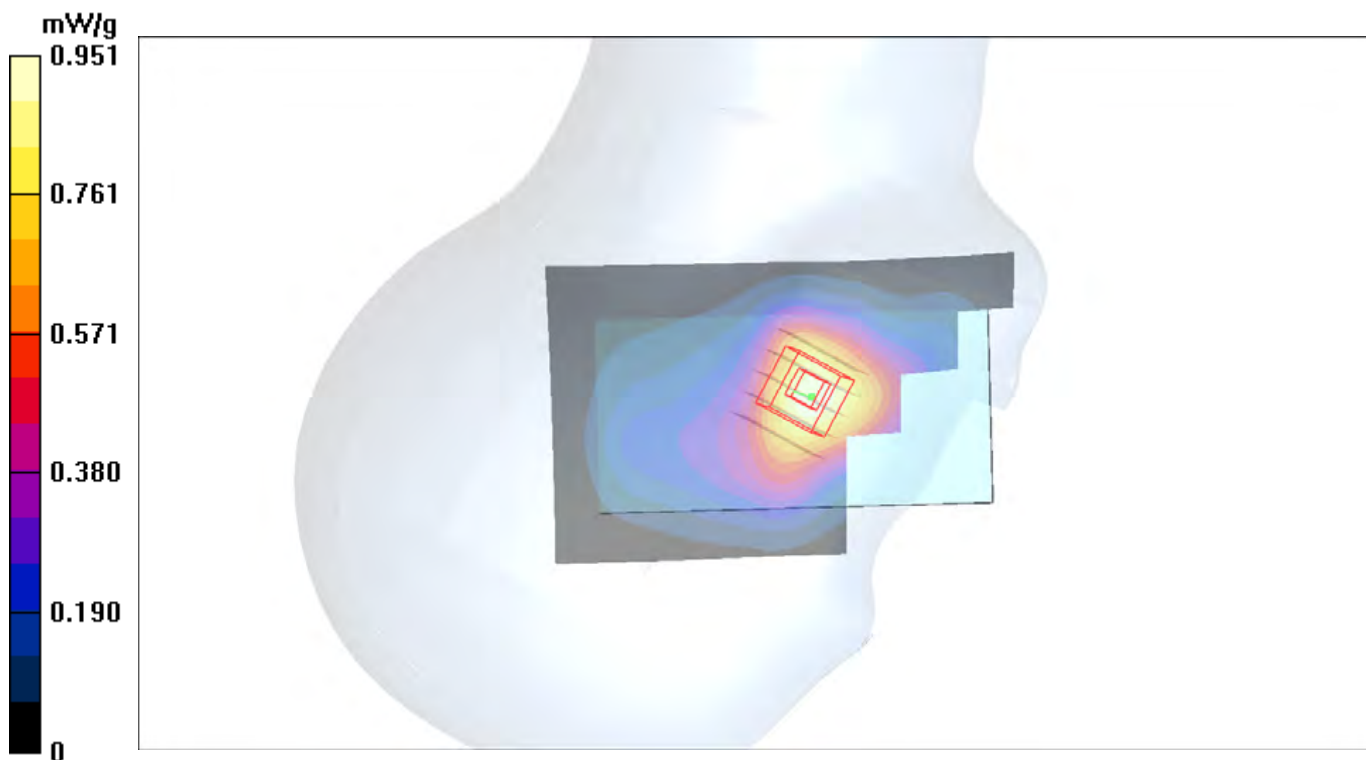
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.952 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.9910

SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (measured) = 0.864 mW/g



P77 GSM1900_GPRS11_Right Cheek_Ch810_Sample1

DUT: 120109C17

Communication System: GPRS11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.66993

Medium: H1900_0210 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.464$ mho/m; $\epsilon_r = 41.338$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.238 mW/g

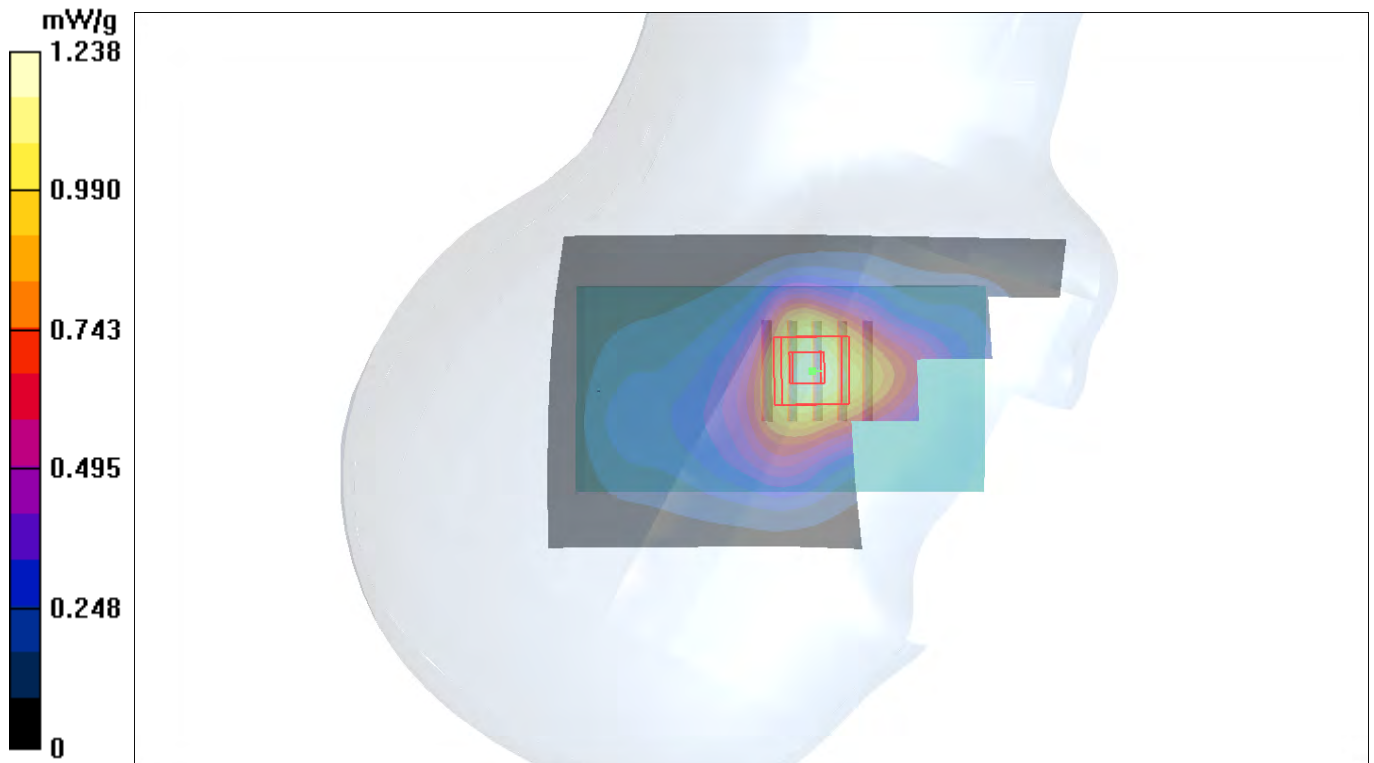
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.504 V/m; Power Drift = 0.14 dB

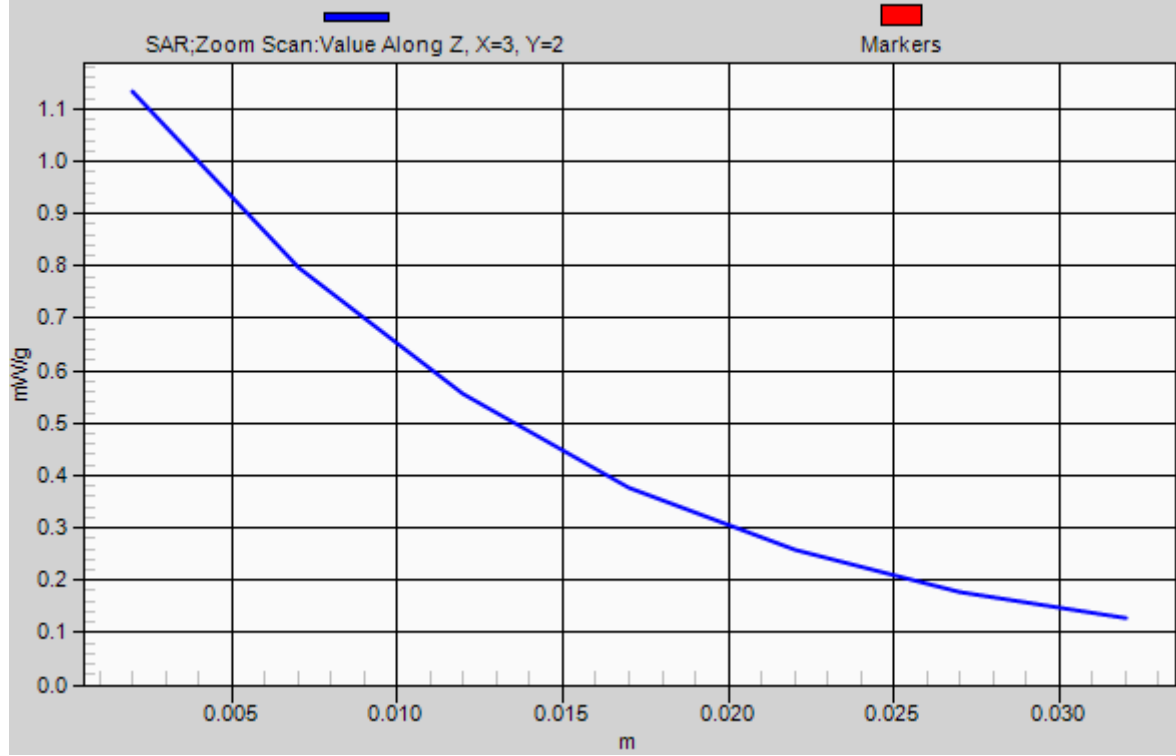
Peak SAR (extrapolated) = 1.3290

SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.634 mW/g

Maximum value of SAR (measured) = 1.133 mW/g



1g/10g Averaged SAR



P71 GSM1900_GPRS11_Right Cheek_Ch810_Sample2

DUT: 120109C17

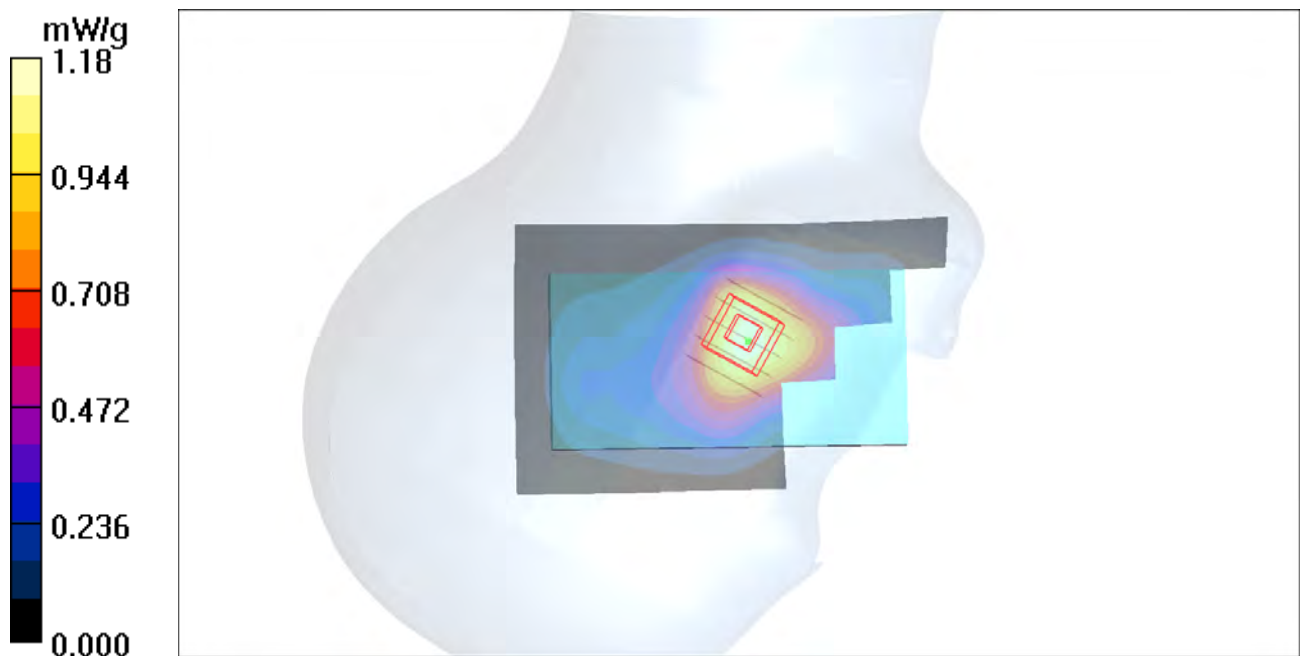
Communication System: GSM1900 GPRS11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67
Medium: H1900_0209 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.8 °C; Liquid Temperature : 20.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.872 mW/g; SAR(10 g) = 0.558 mW/g
Maximum value of SAR (measured) = 1.09 mW/g



P72 GSM1900_GPRS11_Right Cheek_Ch661_Sample2

DUT: 120109C17

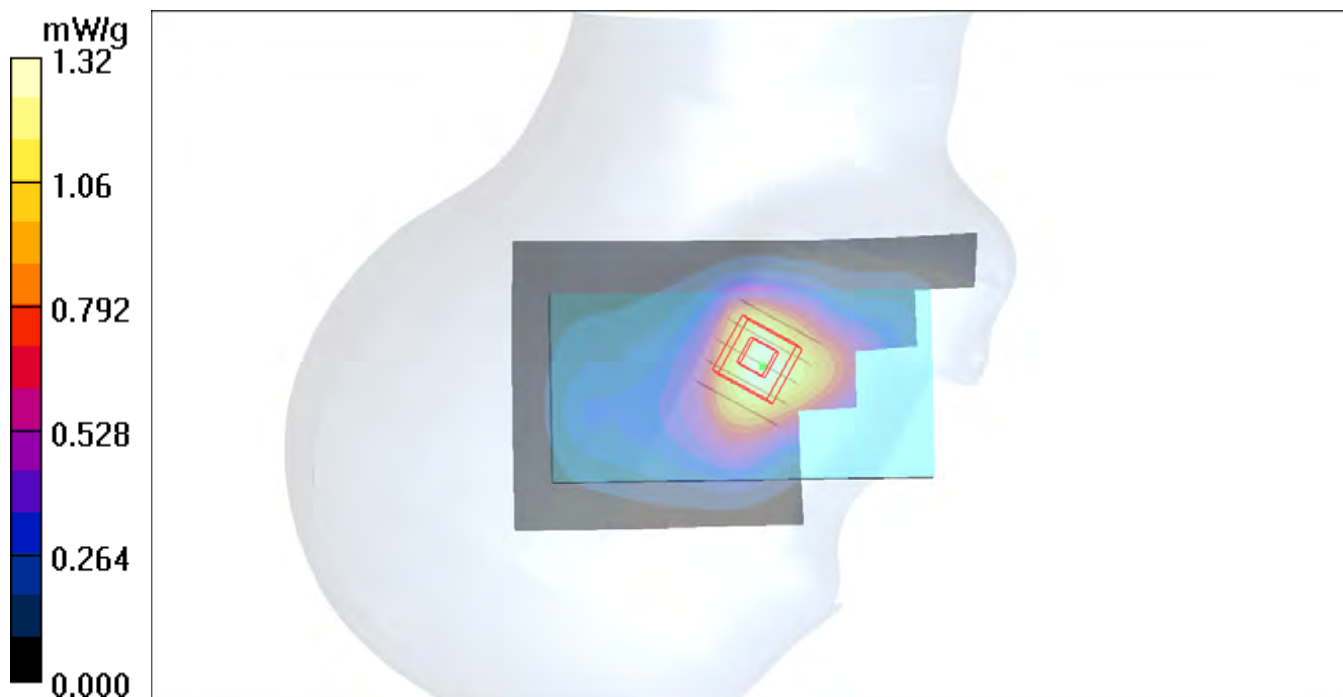
Communication System: GSM1900 GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.67
Medium: H1900_0209 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.934 mW/g; SAR(10 g) = 0.602 mW/g
Maximum value of SAR (measured) = 1.16 mW/g



P70 GSM1900_GPRS11_Right Cheek_Ch512_Sample2

DUT: 120109C17

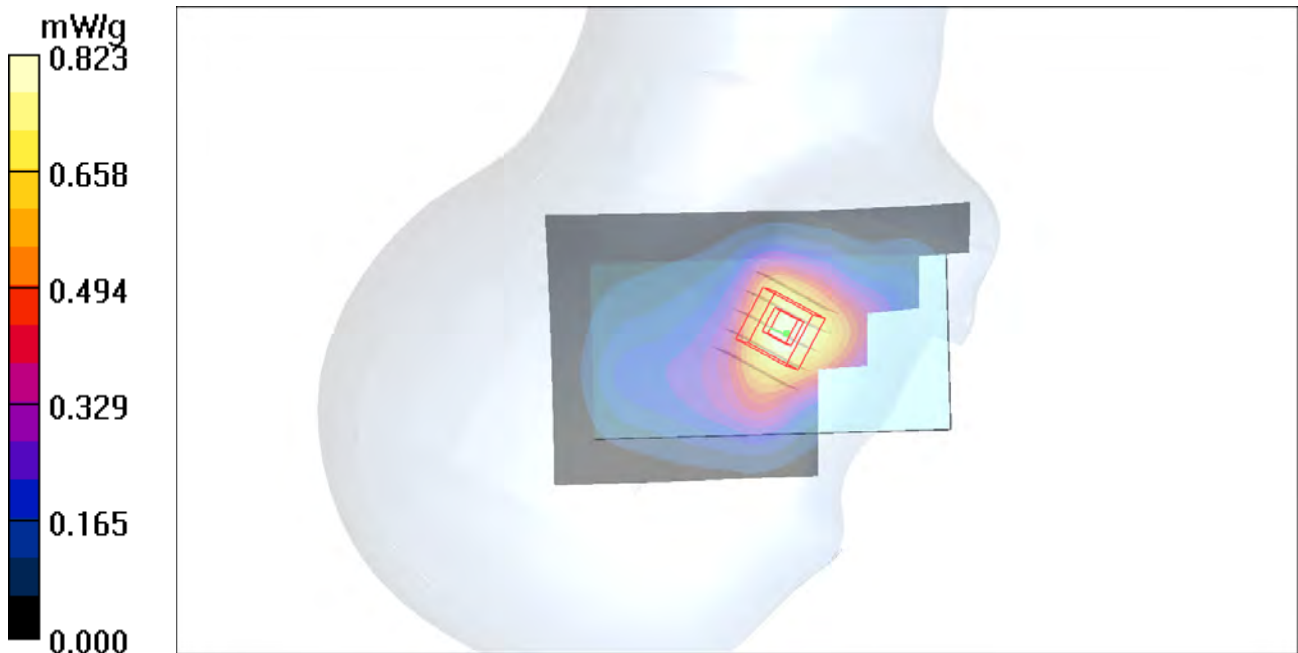
Communication System: GSM1900 GPRS11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67
Medium: H1900_0209 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.823 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.07 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 0.903 W/kg
SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.399 mW/g
Maximum value of SAR (measured) = 0.765 mW/g



P30 WCDMA V_RMW12.2K_Right Cheek_Ch4182_Sample1

DUT: 120110C02

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: H835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.139 mW/g

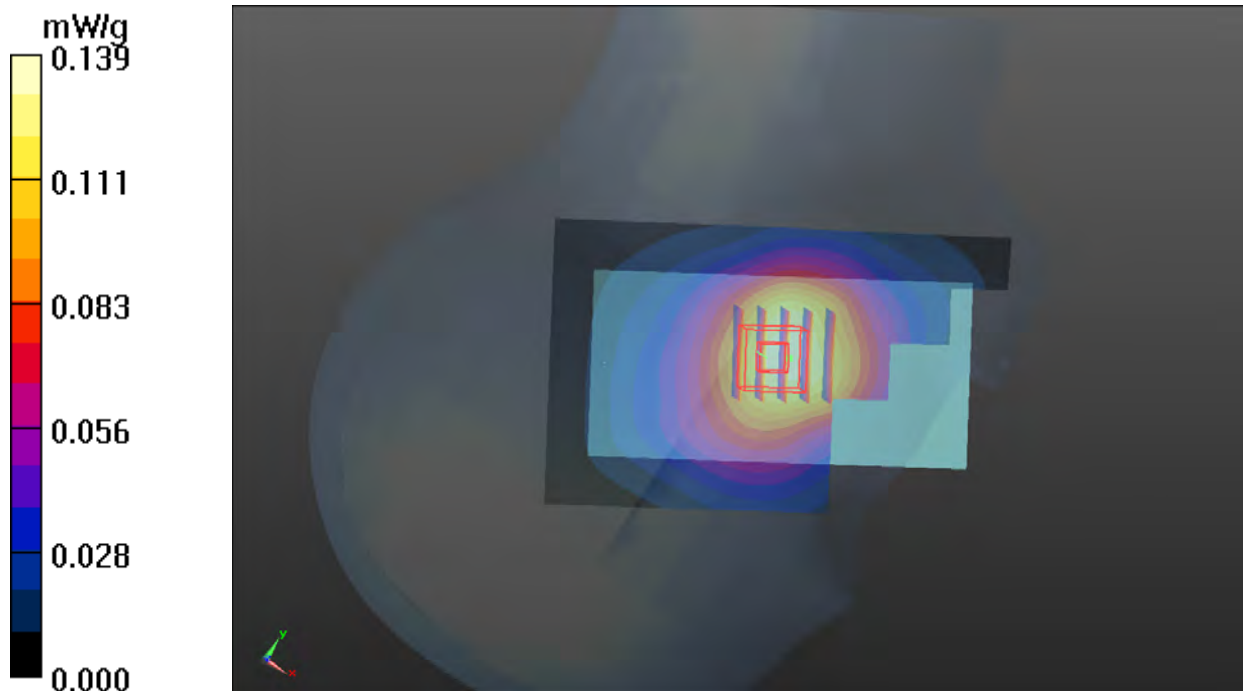
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.59 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 0.152 W/kg

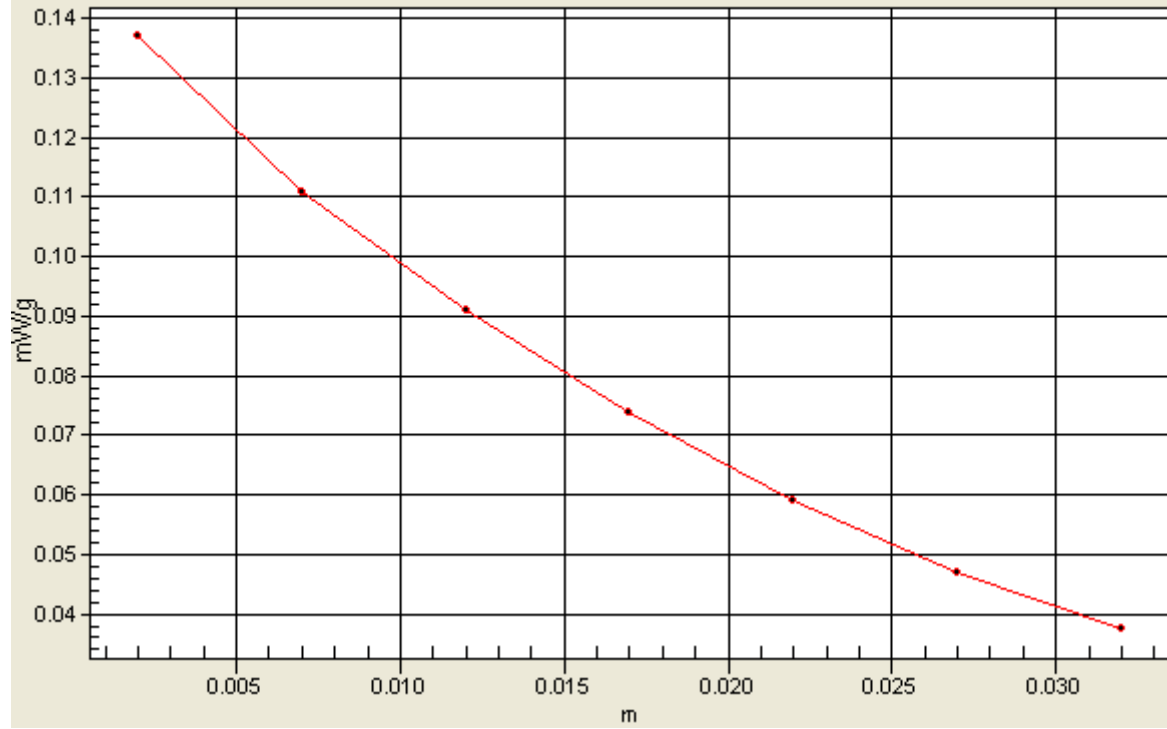
SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.137 mW/g



1g/10g Averaged SAR

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



P31 WCDMA V_RMW12.2K_Right Tilted_Ch4182_Sample1

DUT: 120110C02

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: H835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.082 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.91 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 0.090 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.082 mW/g

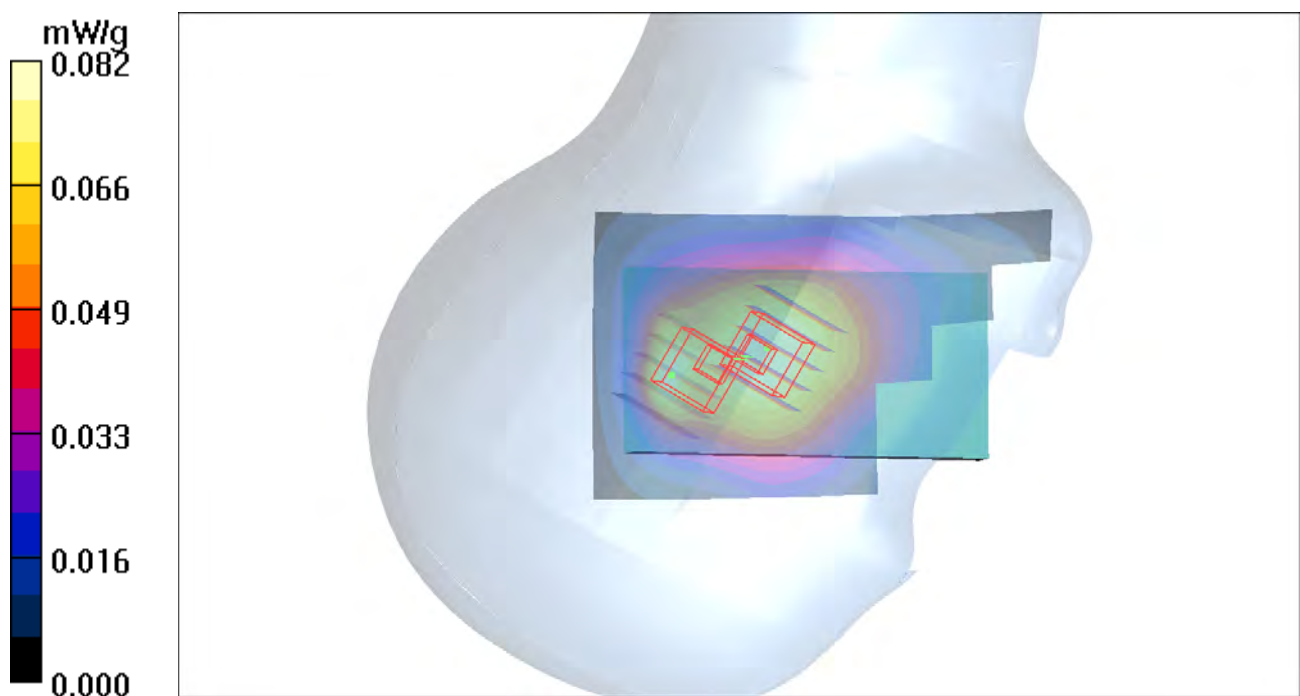
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.91 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 0.086 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.078 mW/g



P32 WCDMA V_RMW12.2K_Left Cheek_Ch4182_Sample1

DUT: 120110C02

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: H835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.133 mW/g

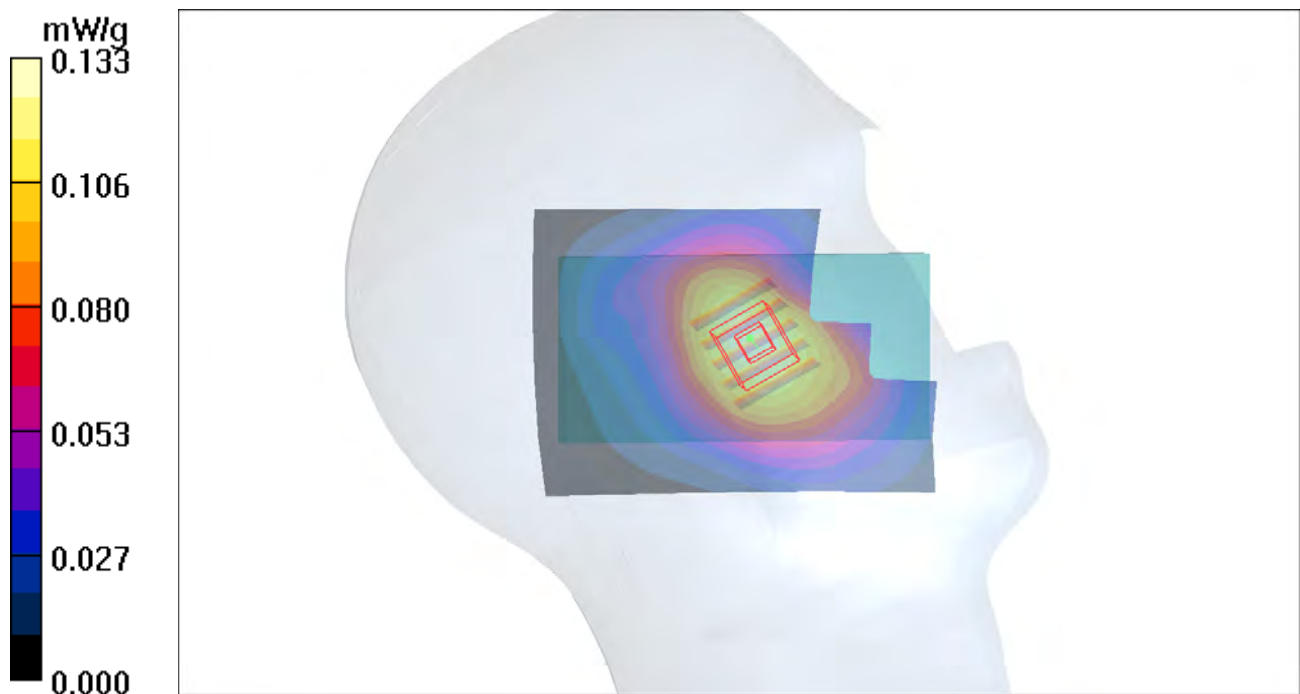
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.25 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.134 mW/g



P33 WCDMA V_RMW12.2K_Left Tilted_Ch4182_Sample1

DUT: 120110C02

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: H835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.097 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.19 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 0.089 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.081 mW/g

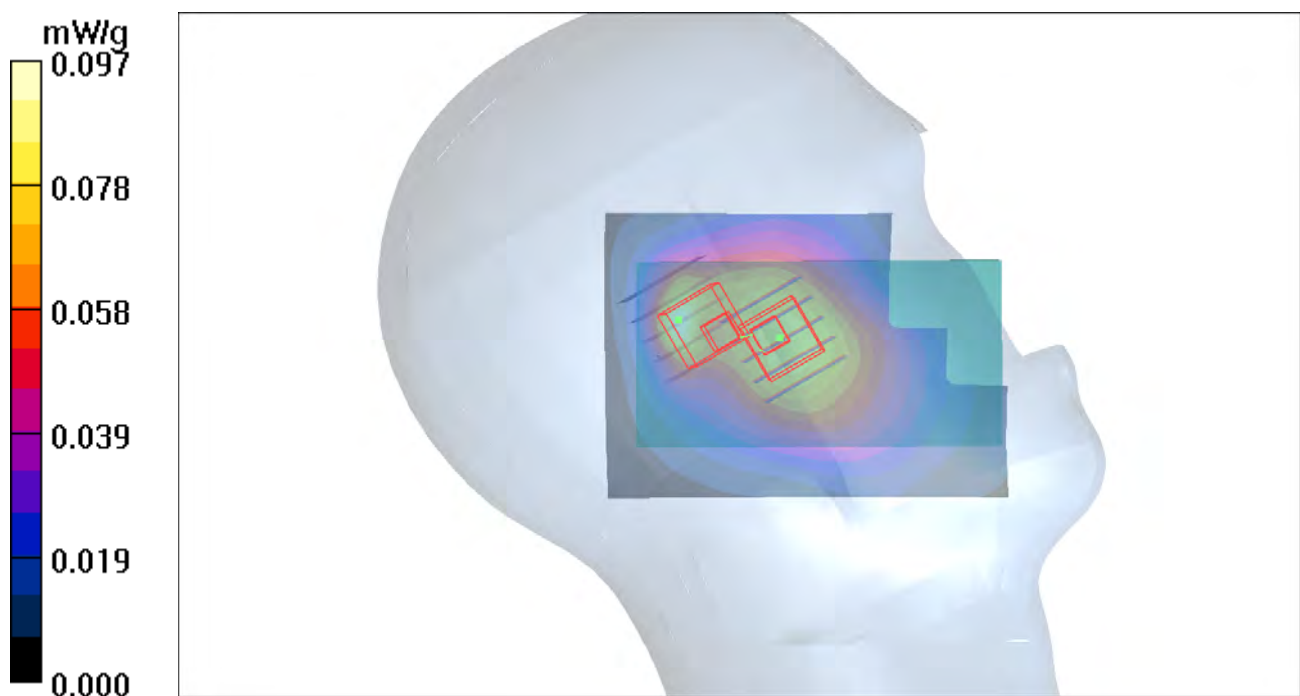
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.19 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 0.086 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.075 mW/g



P58 WCDMA V_RMW12.2K_Right Cheek_Ch4182_Sample2

DUT: 120109C17

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: H835_0209 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.116 mW/g

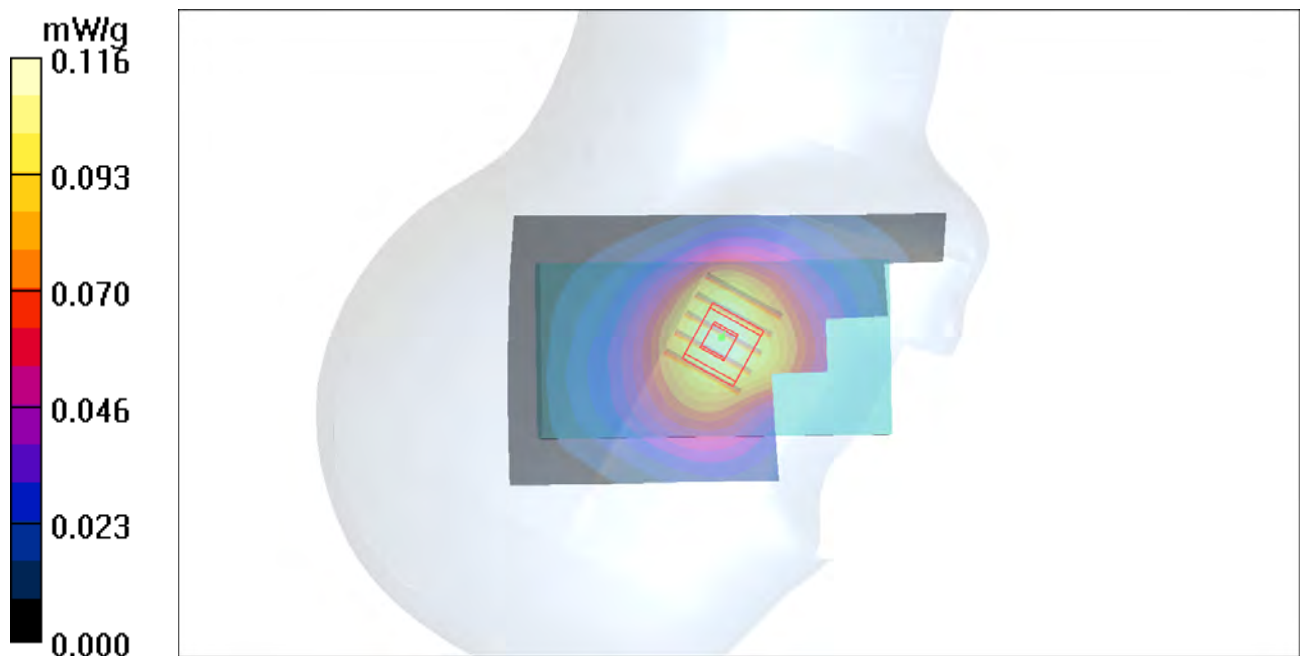
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.06 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.116 mW/g



P21 GSM850_GPRS11_Front Face_1cm_Ch189_Sample1

DUT: 120109C17

Communication System: GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.66993

Medium: B835_0118 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.193$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.32, 10.32, 10.32); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.293 mW/g

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

Reference Value = 14.637 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.3260

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.271 mW/g

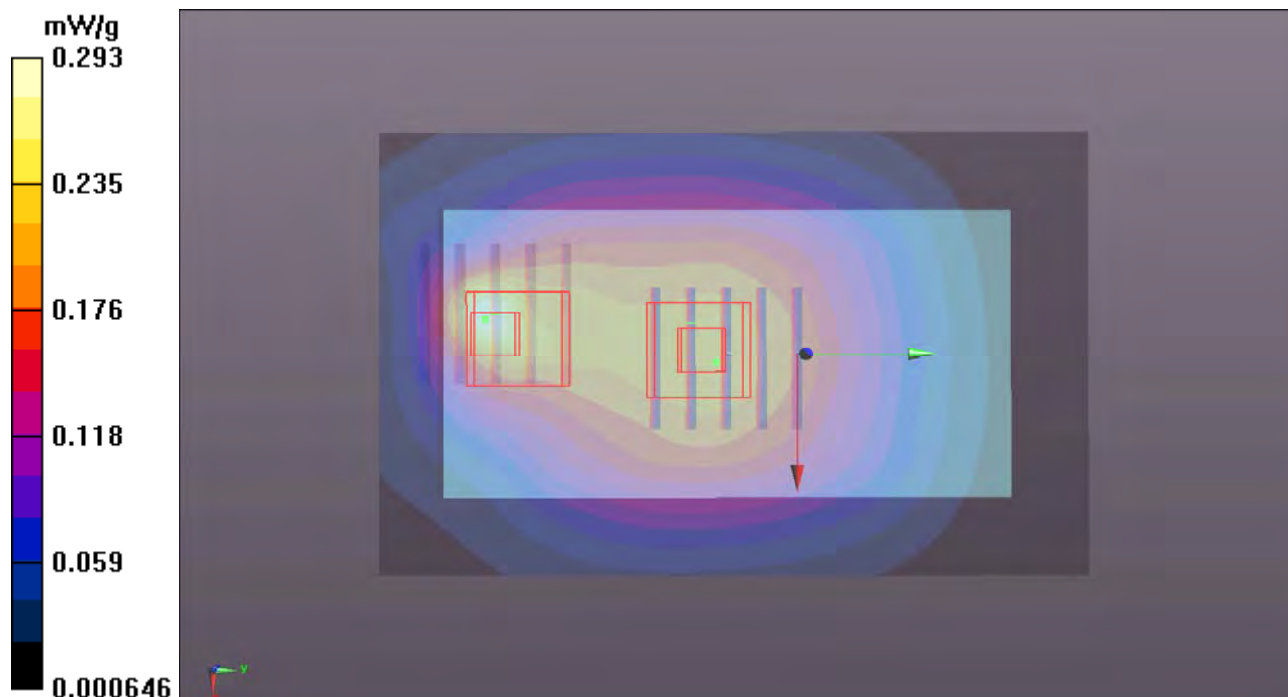
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.637 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.2280

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.138 mW/g

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



P22 GSM850_GPRS11_Rear Face_1cm_Ch189_Sample1

DUT: 120109C17

Communication System: GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.66993

Medium: B835_0210 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.193$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.684 mW/g

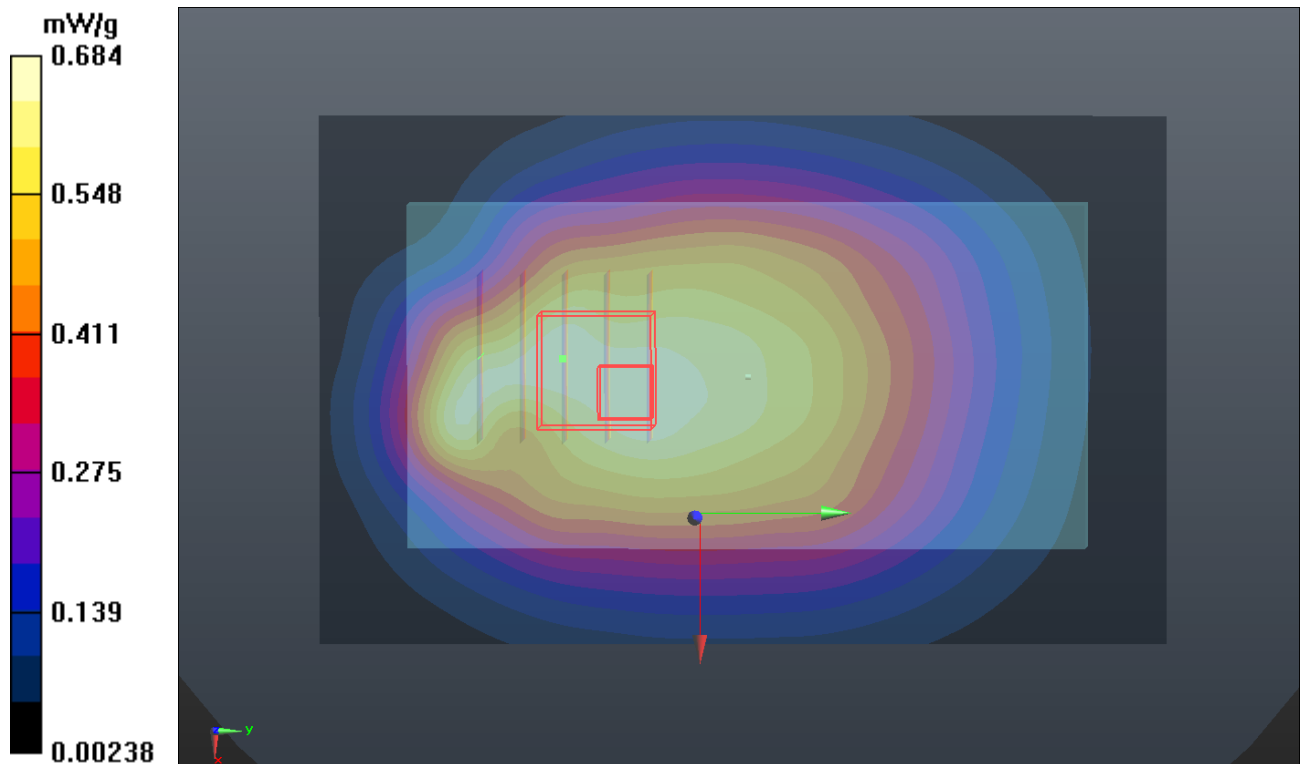
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.566 V/m; Power Drift = -0.15 dB

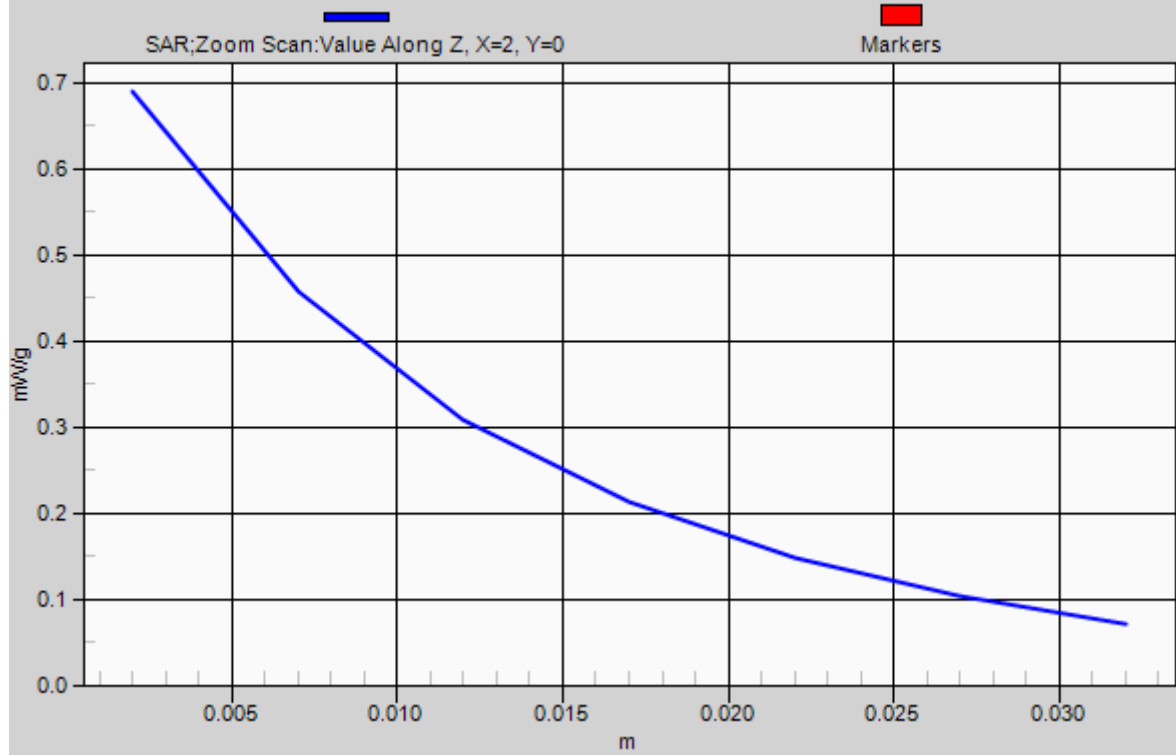
Peak SAR (extrapolated) = 0.8240

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.407 mW/g

Maximum value of SAR (measured) = 0.689 mW/g



1g/10g Averaged SAR



P23 GSM850_GPRS11_Left Side_1cm_Ch189_Sample1

DUT: 120109C17

Communication System: GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.66993

Medium: B835_0118 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.193$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.32, 10.32, 10.32); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.198 mW/g

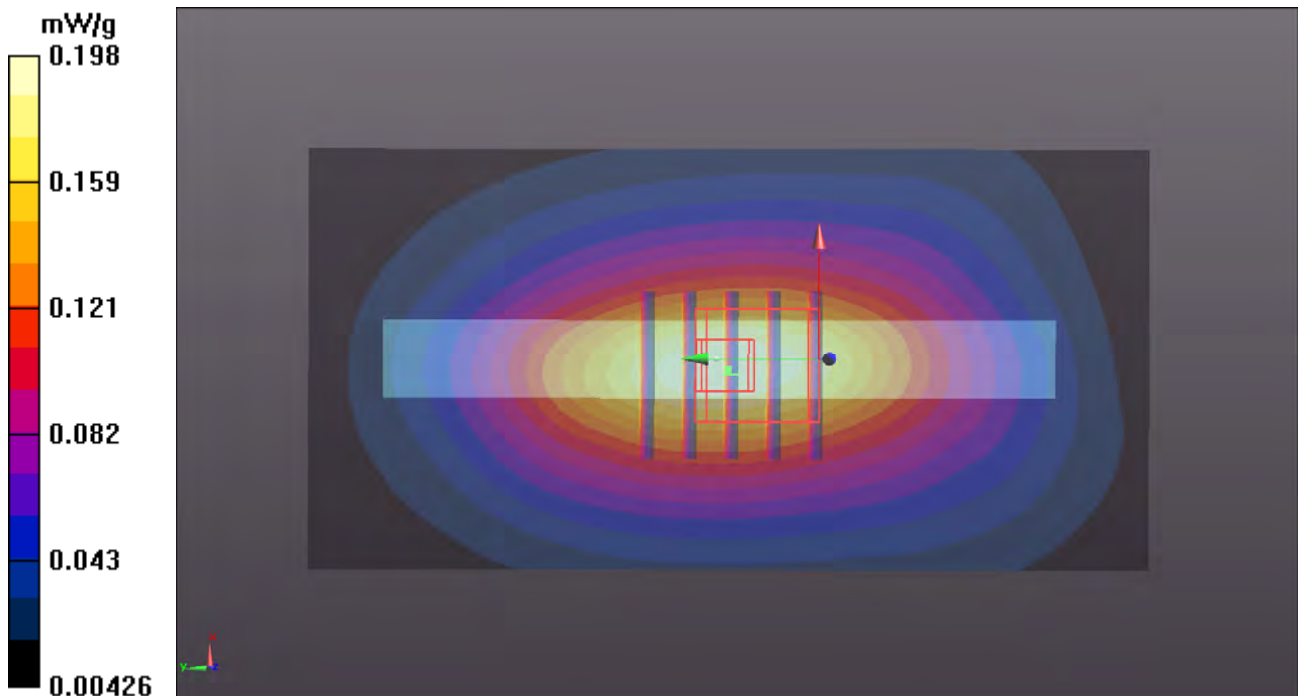
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.191 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.2250

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.193 mW/g



P24 GSM850_GPRS11_Right Side_1cm_Ch189_Sample1

DUT: 120109C17

Communication System: GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.66993

Medium: B835_0118 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.193$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.32, 10.32, 10.32); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

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

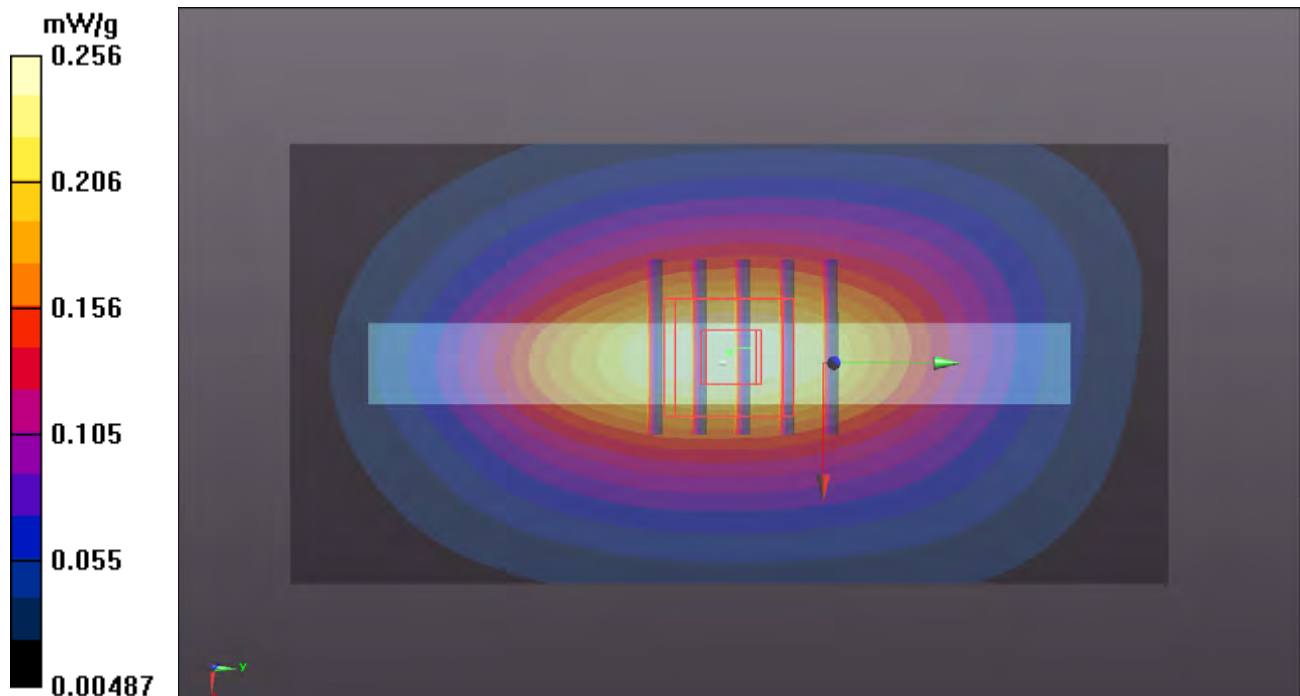
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.870 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 0.2830

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.240 mW/g



P25 GSM850_GPRS11_Bottom Side_1cm_Ch189_Sample1

DUT: 120109C17

Communication System: GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.66993

Medium: B835_0118 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.193$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.32, 10.32, 10.32); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.046 mW/g

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

Reference Value = 4.740 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.0640

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.018 mW/g

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

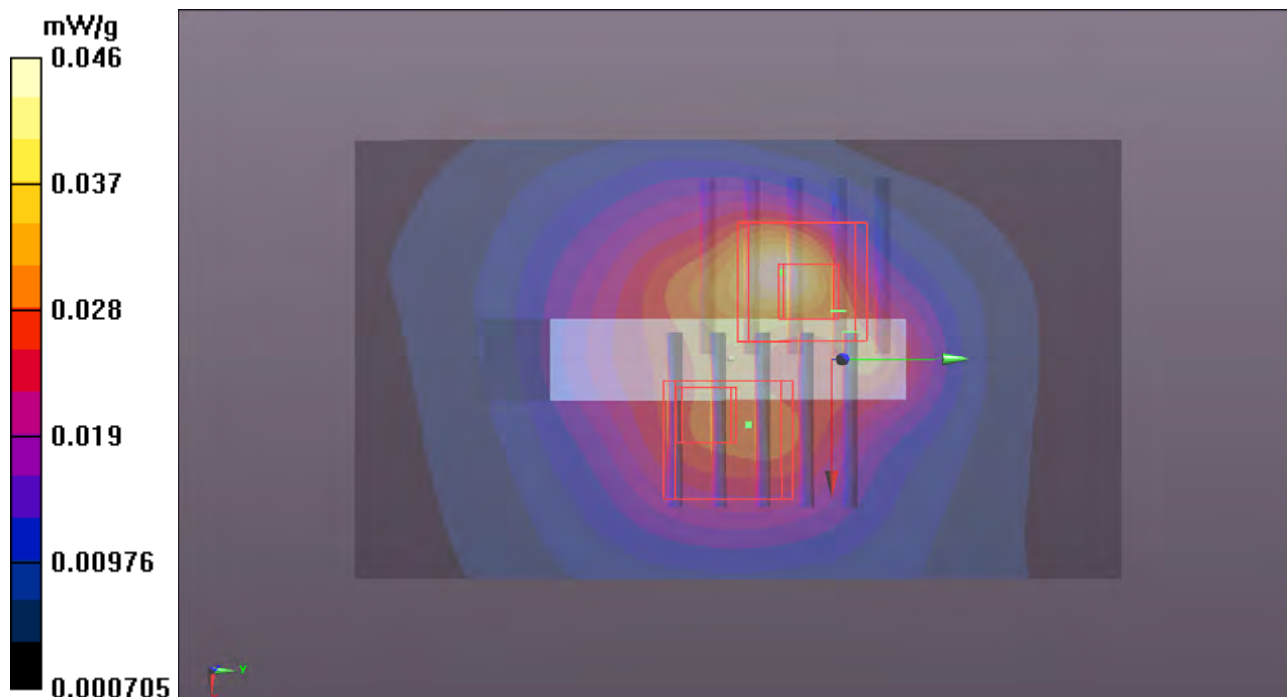
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.740 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.0570

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.042 mW/g



P27 GSM850_GPRS11_Rear Face_1cm_Ch189_Sample1_Earphone1

DUT: 120109C17

Communication System: GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.66993

Medium: B835_0118 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.193$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.32, 10.32, 10.32); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.435 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.854 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.4980

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.440 mW/g

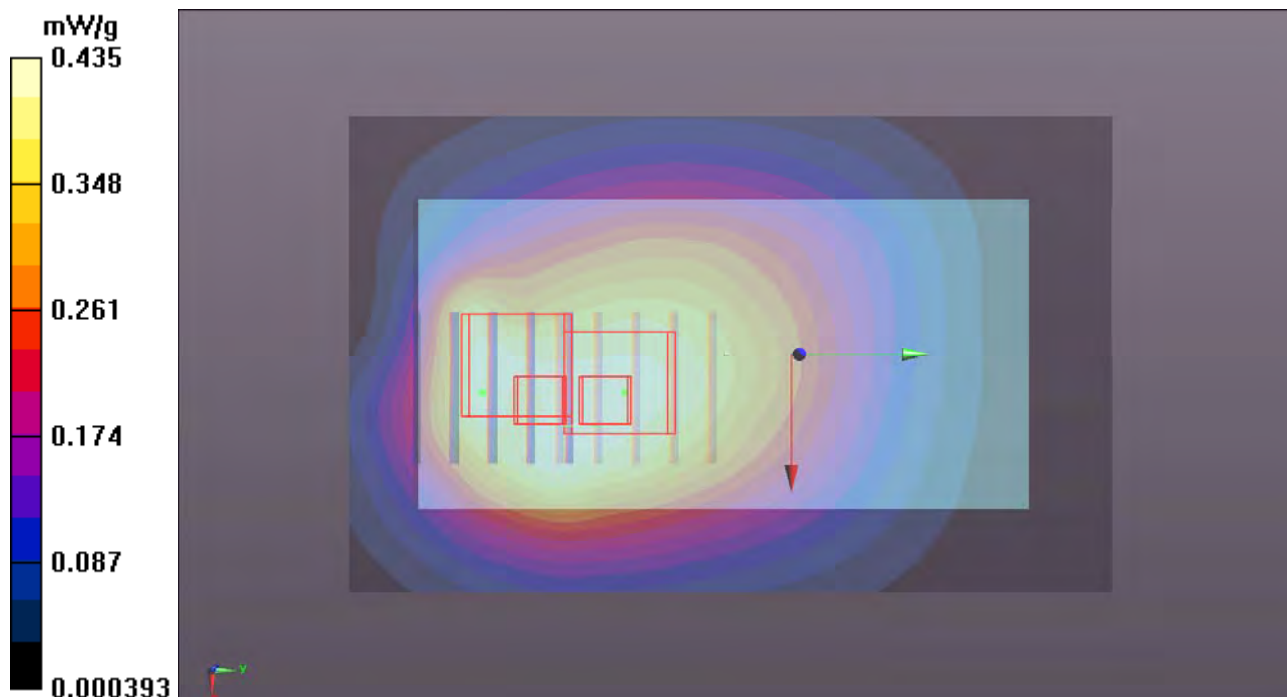
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.854 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.5020

SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.437 mW/g



P56 GSM850_GPRS11_Rear Face_1cm_Ch189_Sample2

DUT: 120109C17

Communication System: GSM850 GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.67

Medium: B835_0209 Medium parameters used : $f = 836.4$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$

kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 24.7 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.657 W/kg

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.401 mW/g

Maximum value of SAR (measured) = 0.598 mW/g

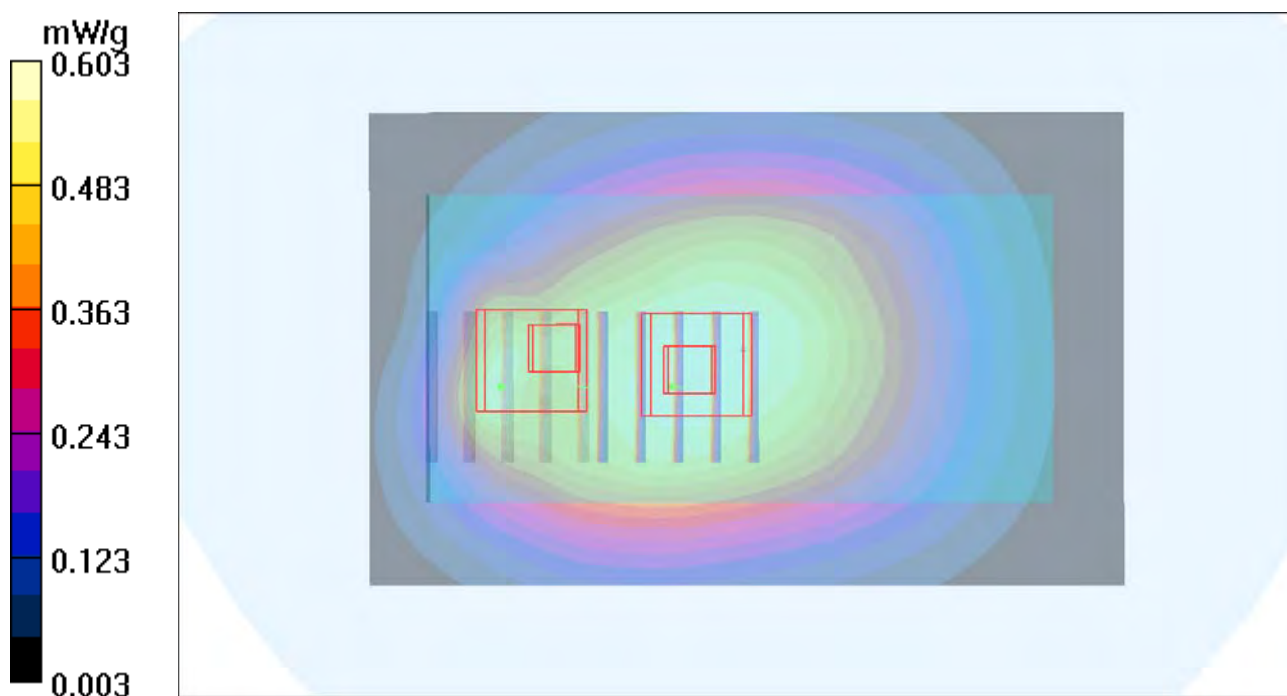
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.7 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.482 mW/g



P57 GSM850_GPRS11_Rear Face_1cm_Ch189_Sample1_Earphone2

DUT: 120109C17

Communication System: GSM850 GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.67
 Medium: B835_0209 Medium parameters used : $f = 836.4 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 55.5$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $21.5 \text{ }^\circ\text{C}$; Liquid Temperature : $20.4 \text{ }^\circ\text{C}$

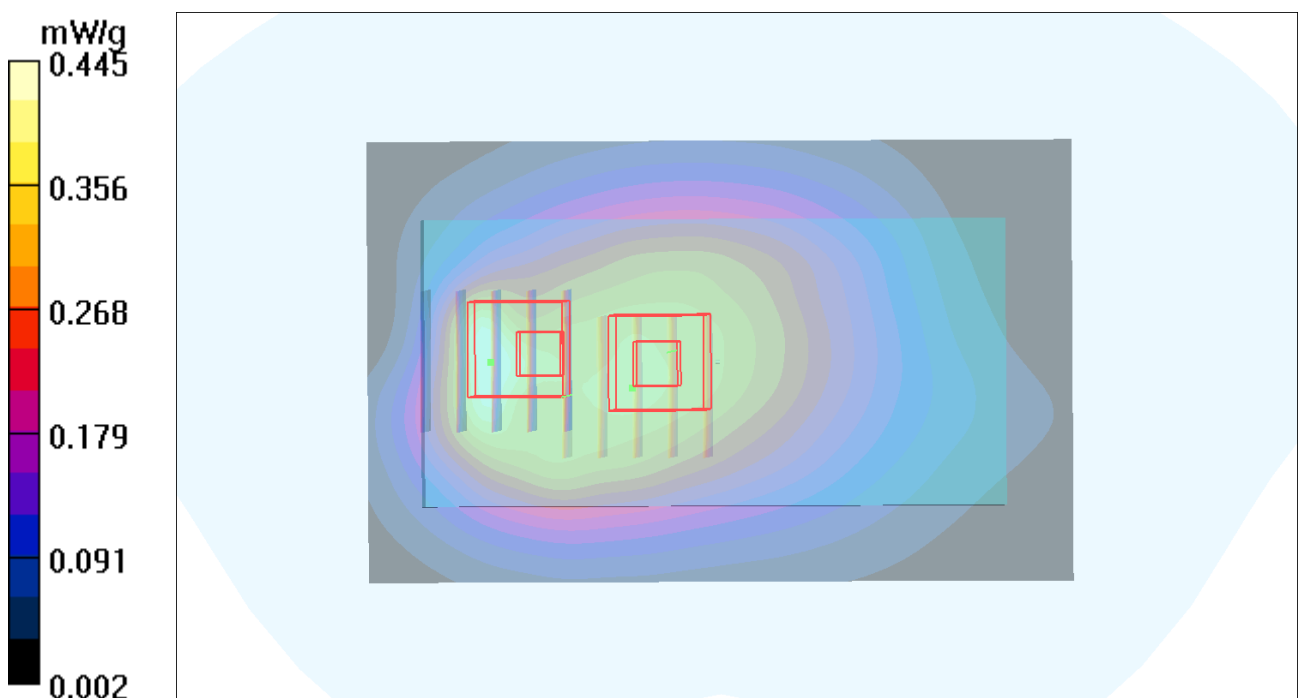
DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
 Maximum value of SAR (interpolated) = 0.445 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 18.6 V/m ; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 0.509 W/kg
SAR(1 g) = 0.449 mW/g ; SAR(10 g) = 0.345 mW/g
 Maximum value of SAR (measured) = 0.513 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 18.6 V/m ; Power Drift = 0.19dB
 Peak SAR (extrapolated) = 0.563 W/kg
SAR(1 g) = 0.371 mW/g ; SAR(10 g) = 0.266 mW/g
 Maximum value of SAR (measured) = 0.455 mW/g



P01 GSM1900_GPRS11_Front Face_1cm_Ch661_Sample1

DUT: 120110C02

Communication System: GSM1900 GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: B1900_0121 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$

kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 20.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05

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

- Electronics: DAE4 Sn861; Calibrated: 2011/08/29

- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.19 mW/g

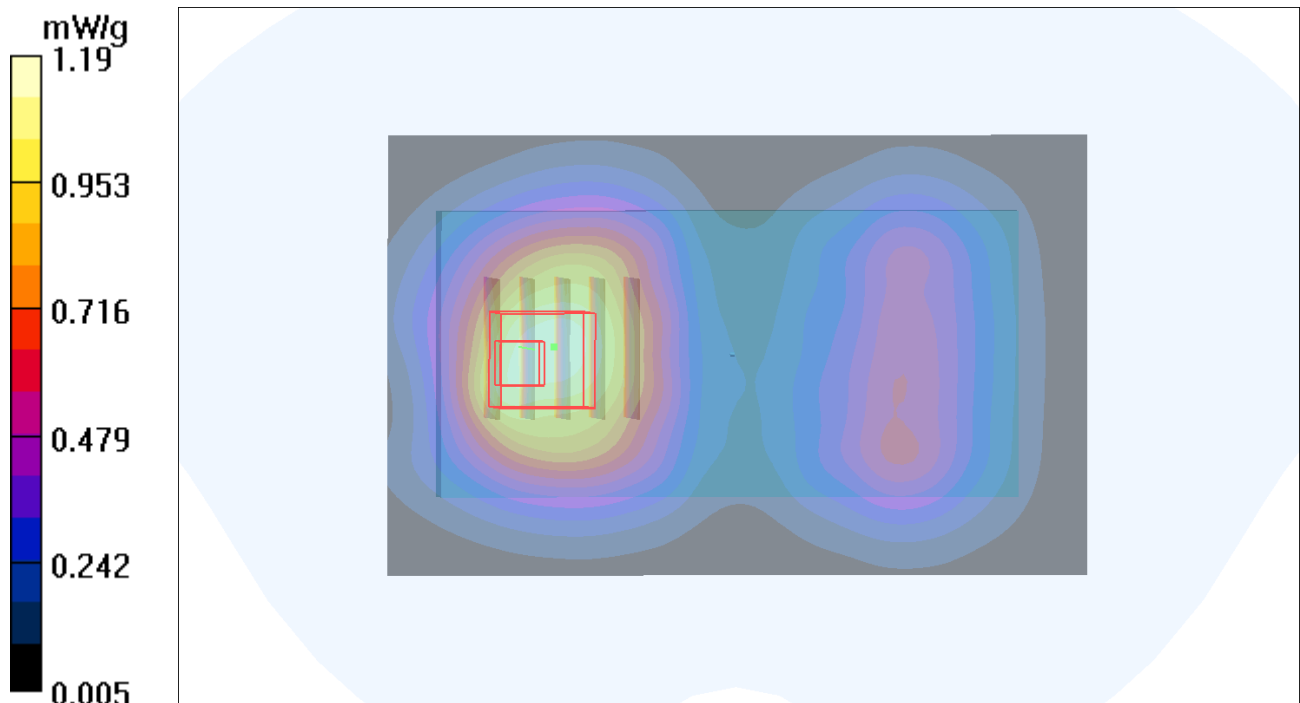
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.621 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



P02 GSM1900_GPRS11_Rear Face_1cm_Ch661_Sample1

DUT: 120110C02

Communication System: GSM1900 GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: B1900_0121 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$

kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05

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

- Electronics: DAE4 Sn861; Calibrated: 2011/08/29

- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.02 mW/g

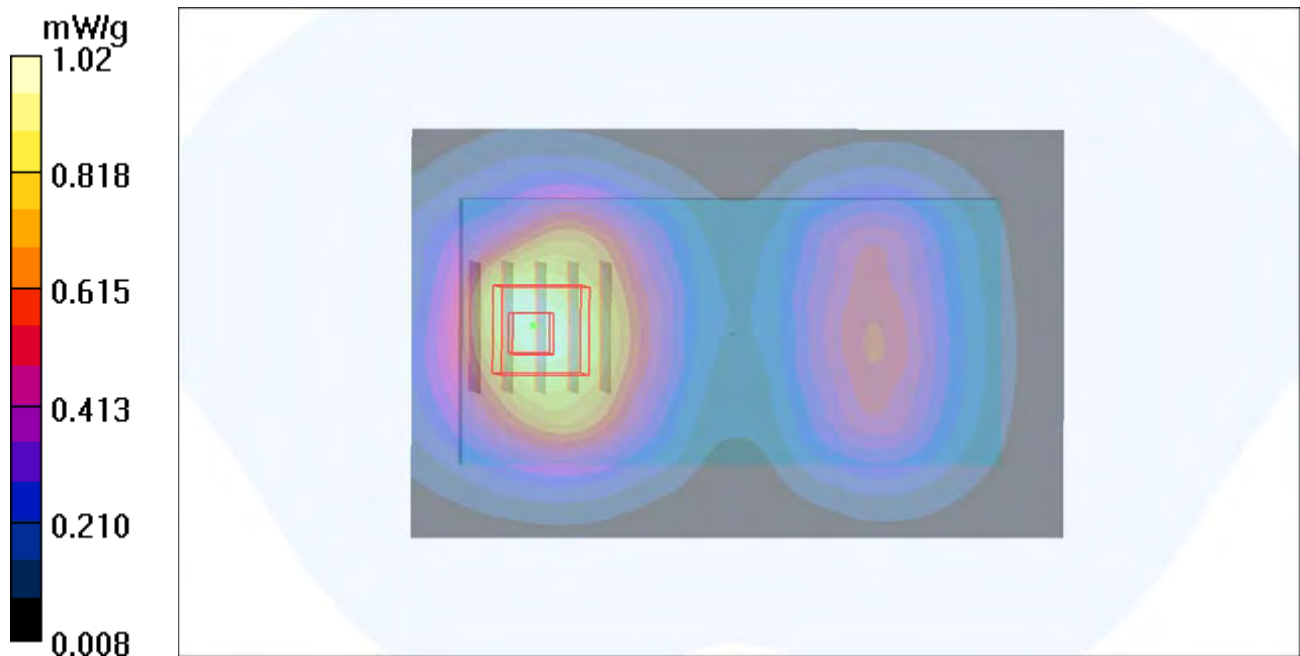
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.93 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.505 mW/g

Maximum value of SAR (measured) = 0.978 mW/g



P03 GSM1900_GPRS11_Left Side_1cm_Ch661_Sample1

DUT: 120110C02

Communication System: GSM1900 GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.67
 Medium: B1900_0121 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³
 Ambient Temperature : 21.1 °C; Liquid Temperature : 20.3 °C

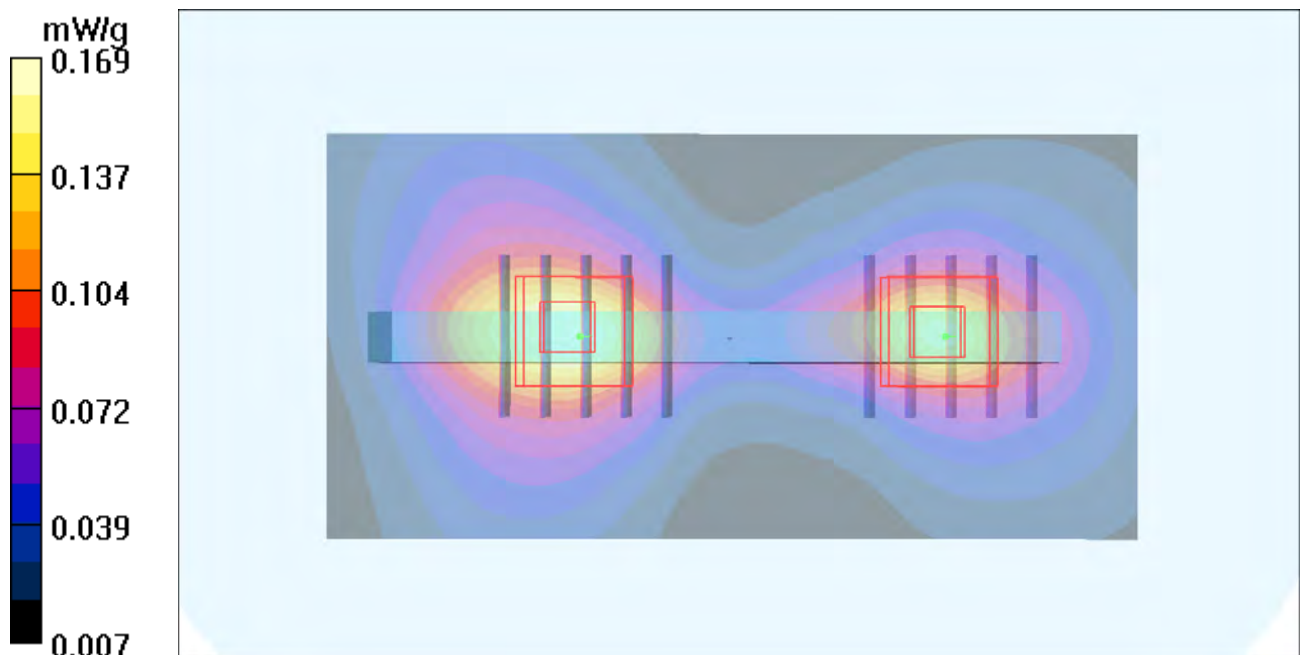
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
 Maximum value of SAR (interpolated) = 0.169 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.96 V/m; Power Drift = -0.005 dB
 Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.070 mW/g
 Maximum value of SAR (measured) = 0.164 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.96 V/m; Power Drift = -0.005 dB
 Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.065 mW/g
 Maximum value of SAR (measured) = 0.151 mW/g



P04 GSM1900_GPRS11_Right Side_1cm_Ch661_Sample1

DUT: 120110C02

Communication System: GSM1900 GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.67
Medium: B1900_0121 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.2 °C; Liquid Temperature : 20.3 °C

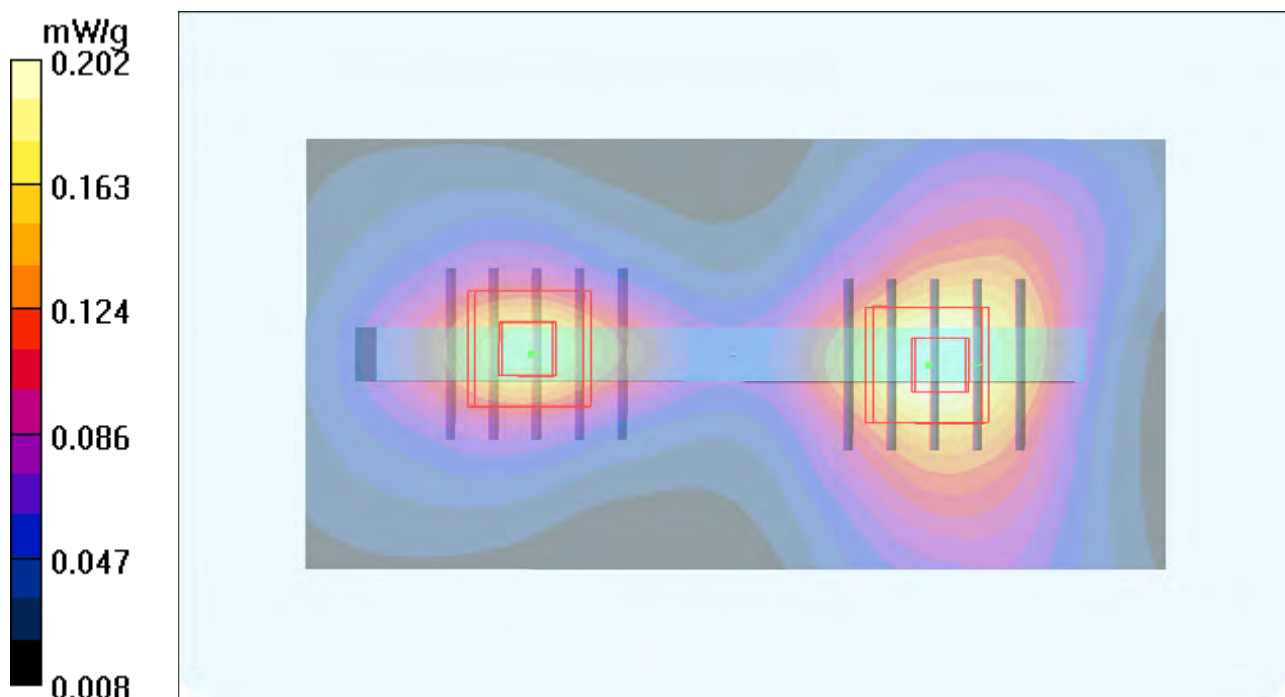
DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.202 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.79 V/m; Power Drift = -0.186 dB
Peak SAR (extrapolated) = 0.257 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.198 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.79 V/m; Power Drift = -0.186 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.182 mW/g



P05 GSM1900_GPRS11_Bottom Side_1cm_Ch661_Sample1

DUT: 120110C02

Communication System: GSM1900 GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: B1900_0121 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 20.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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 (41x61x1): Measurement grid: dx=20mm, dy=20mm

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

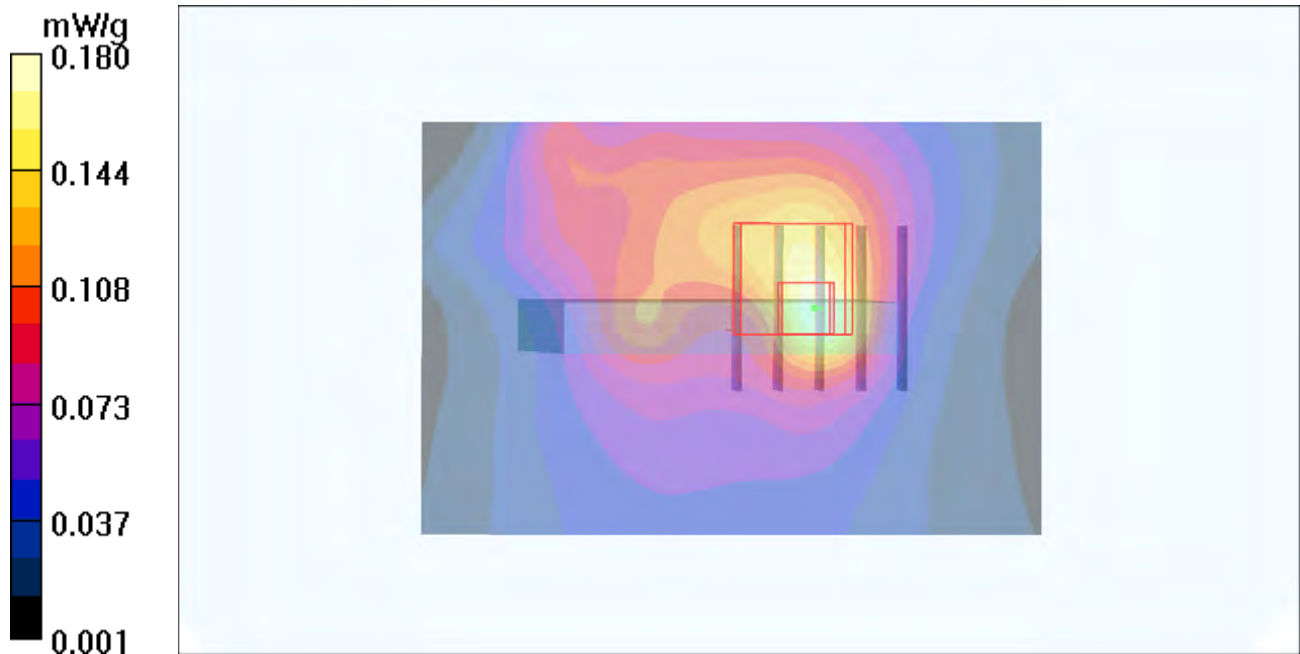
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.61 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.184 mW/g



P07 GSM1900_GPRS11_Front Face_1cm_Ch512_Sample1

DUT: 120110C02

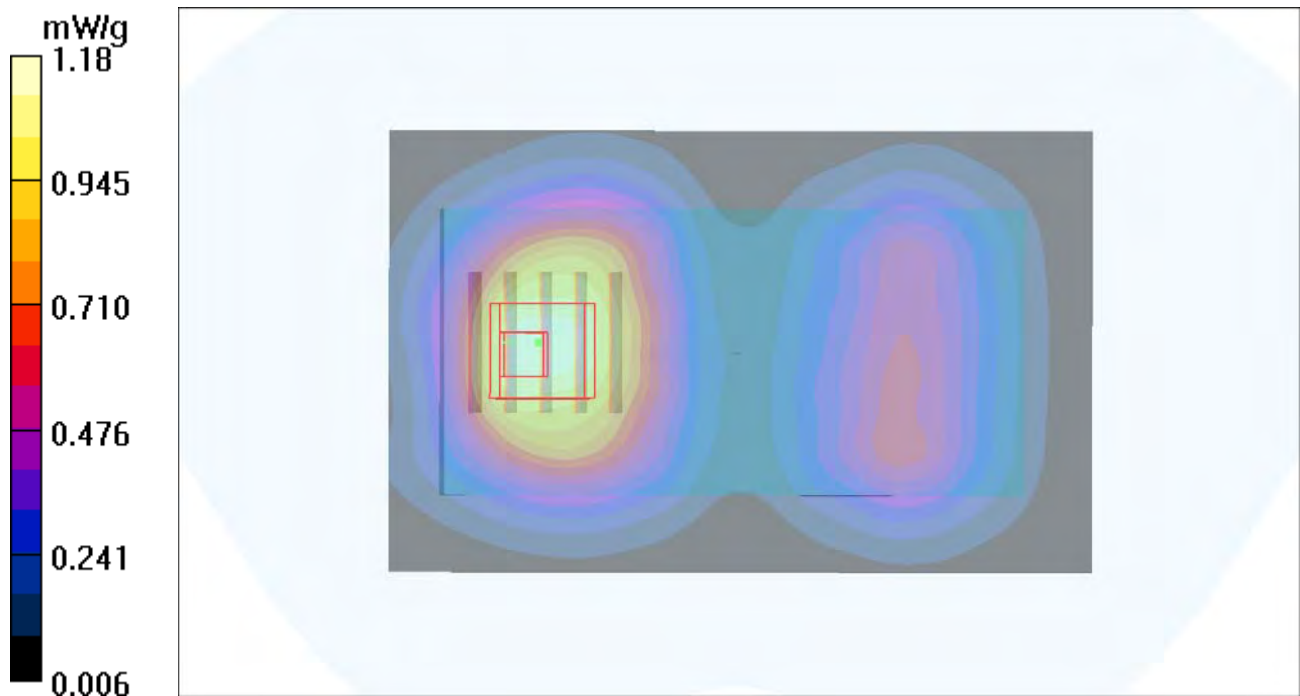
Communication System: GSM1900 GPRS11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67
Medium: B1900_0121 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.2 °C; Liquid Temperature : 20.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.621 mW/g
Maximum value of SAR (measured) = 1.17 mW/g



P79 GSM1900_GPRS11_Front Face_1cm_Ch810_Sample1

DUT: 120109C17

Communication System: GPRS11; Frequency: 1909.8 MHz;Duty Cycle: 1:2.66993

Medium: B1900_0210 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.456$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.006 mW/g

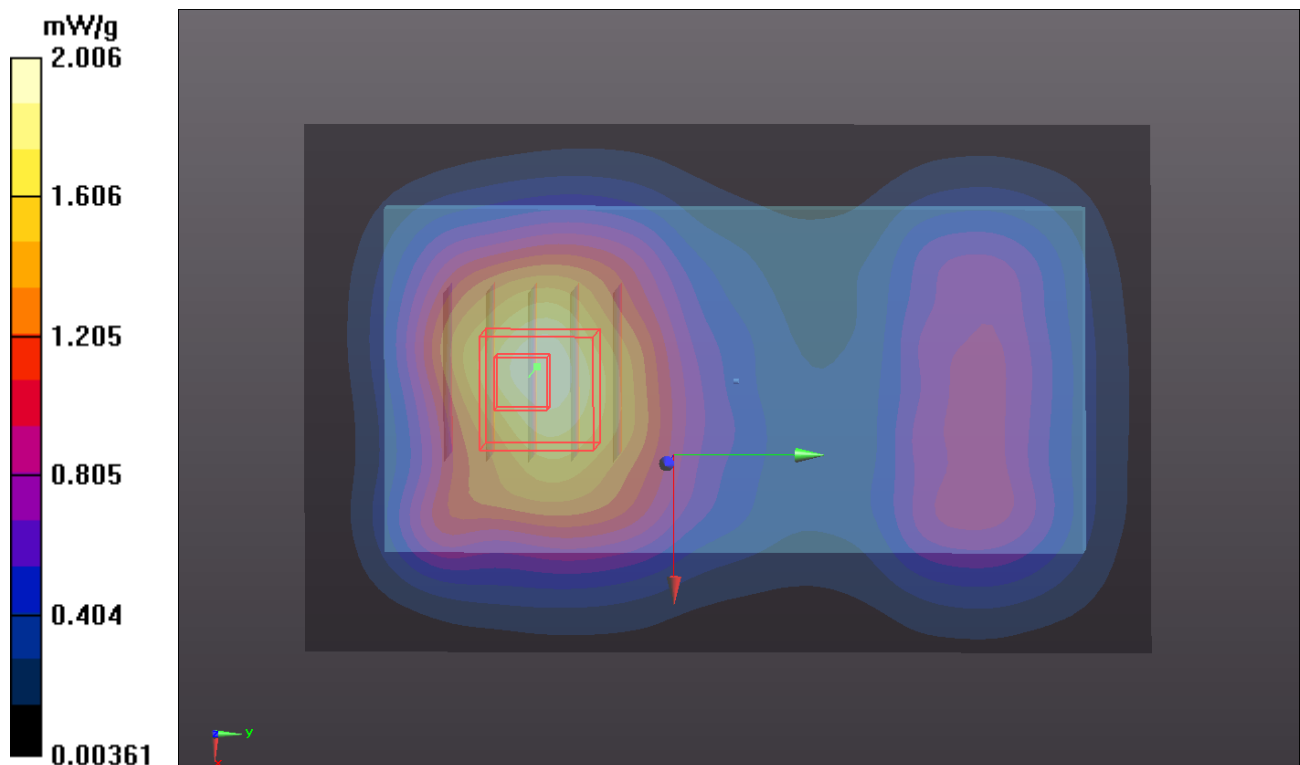
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.860 V/m; Power Drift = -0.11 dB

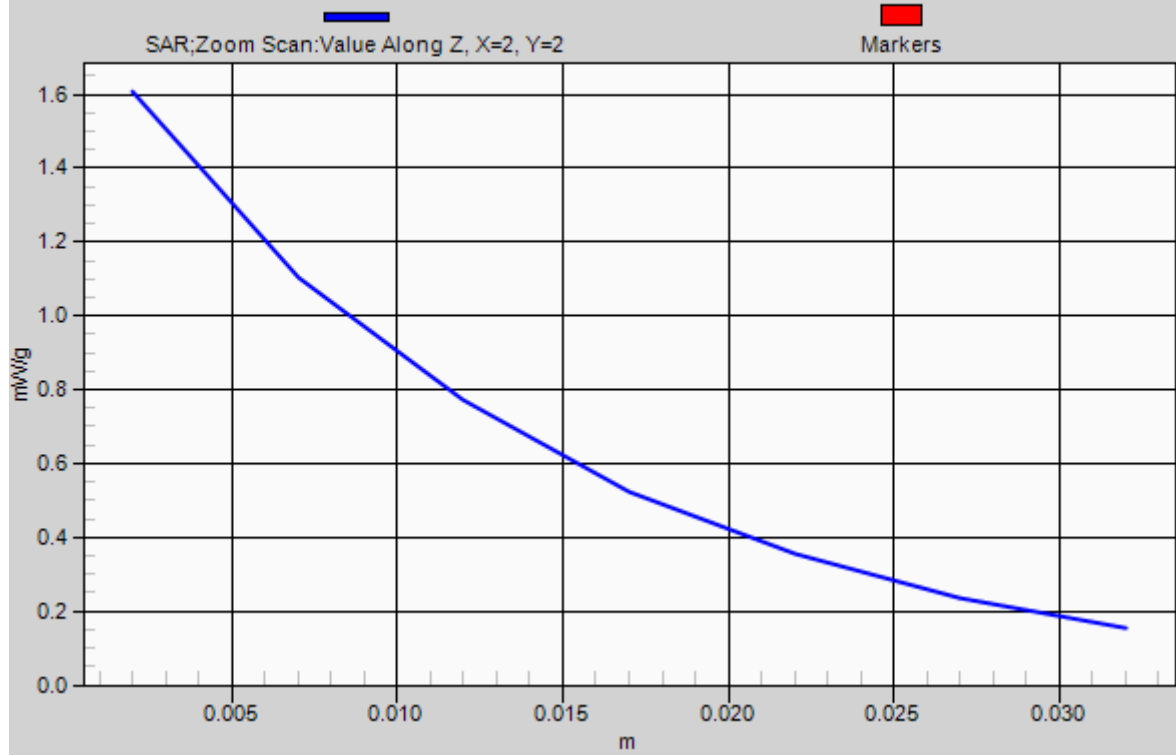
Peak SAR (extrapolated) = 1.8970

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.856 mW/g

Maximum value of SAR (measured) = 1.607 mW/g



1g/10g Averaged SAR



P28 GSM1900_GPRS11_Front Face_1cm_Ch810_Sample1_Earphone1

DUT: 120110C02

Communication System: GSM1900 GPRS11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: B1900_0121 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$

kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05

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

- Electronics: DAE4 Sn861; Calibrated: 2011/08/29

- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm

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

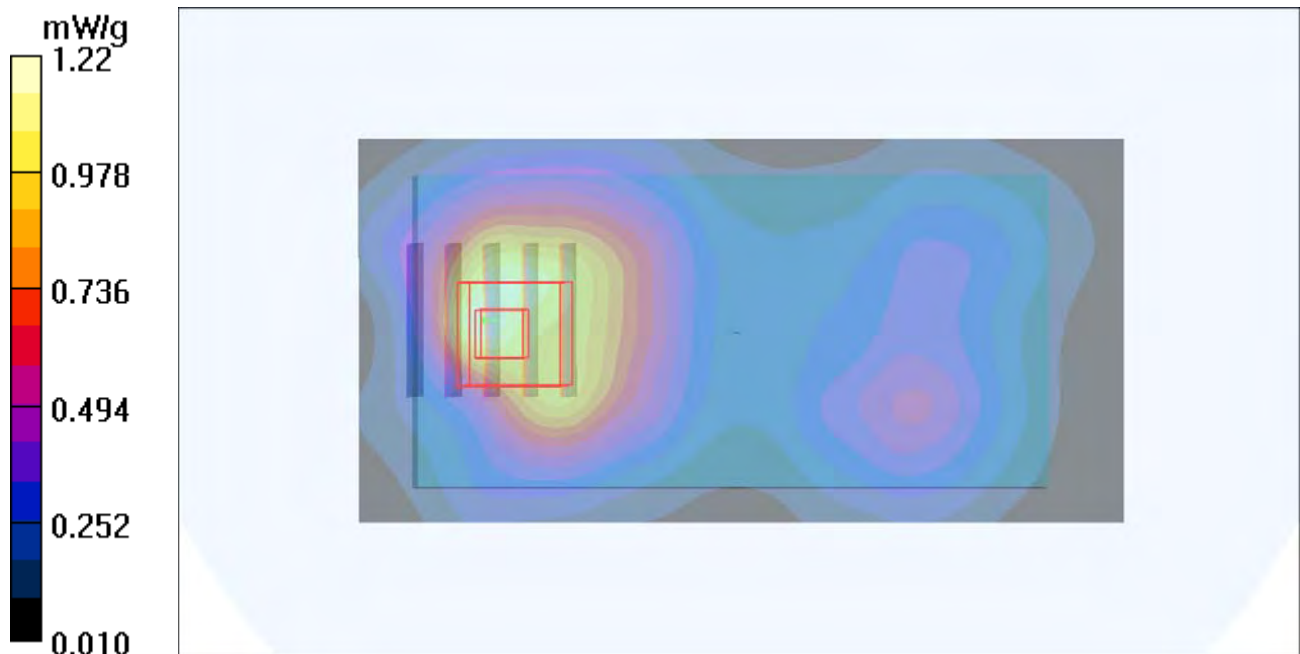
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.561 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



P50 GSM1900_GPRS11_Front Face_1cm_Ch810_Sample2

DUT: 120109C17

Communication System: GSM1900 GPRS11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: B1900_0209 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$

kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 2012/01/27

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

- Electronics: DAE3 Sn579; Calibrated: 2011/09/23

- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.75 mW/g

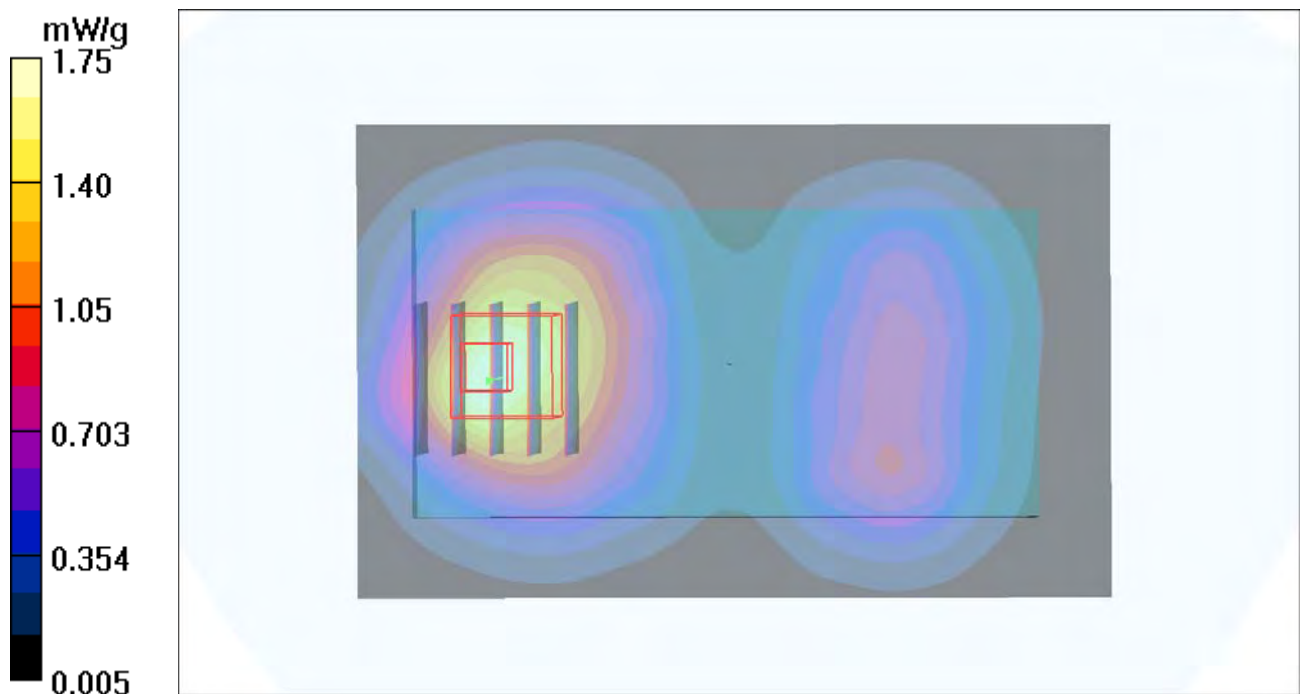
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.737 mW/g

Maximum value of SAR (measured) = 1.43 mW/g



P51 GSM1900_GPRS11_Front Face_1cm_Ch810_Sample1_Earphone2

DUT: 120109C17

Communication System: GSM1900 GPRS11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: B1900_0209 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$

kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 2012/01/27

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

- Electronics: DAE3 Sn579; Calibrated: 2011/09/23

- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.55 mW/g

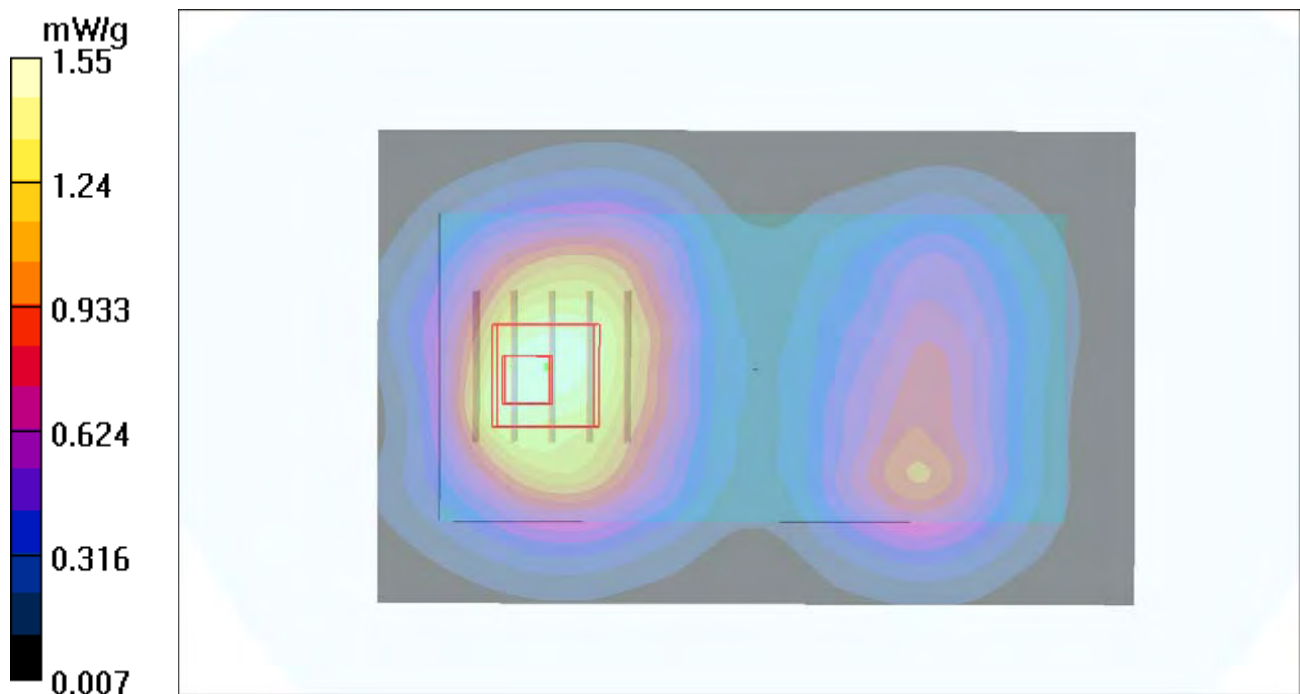
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.703 mW/g

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



P73 GSM1900_GPRS11_Front Face_1cm_Ch512_Sample2

DUT: 120109C17

Communication System: GSM1900 GPRS11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: B1900_0209 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho =$

1000 kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 2012/01/27

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

- Electronics: DAE3 Sn579; Calibrated: 2011/09/23

- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.38 mW/g

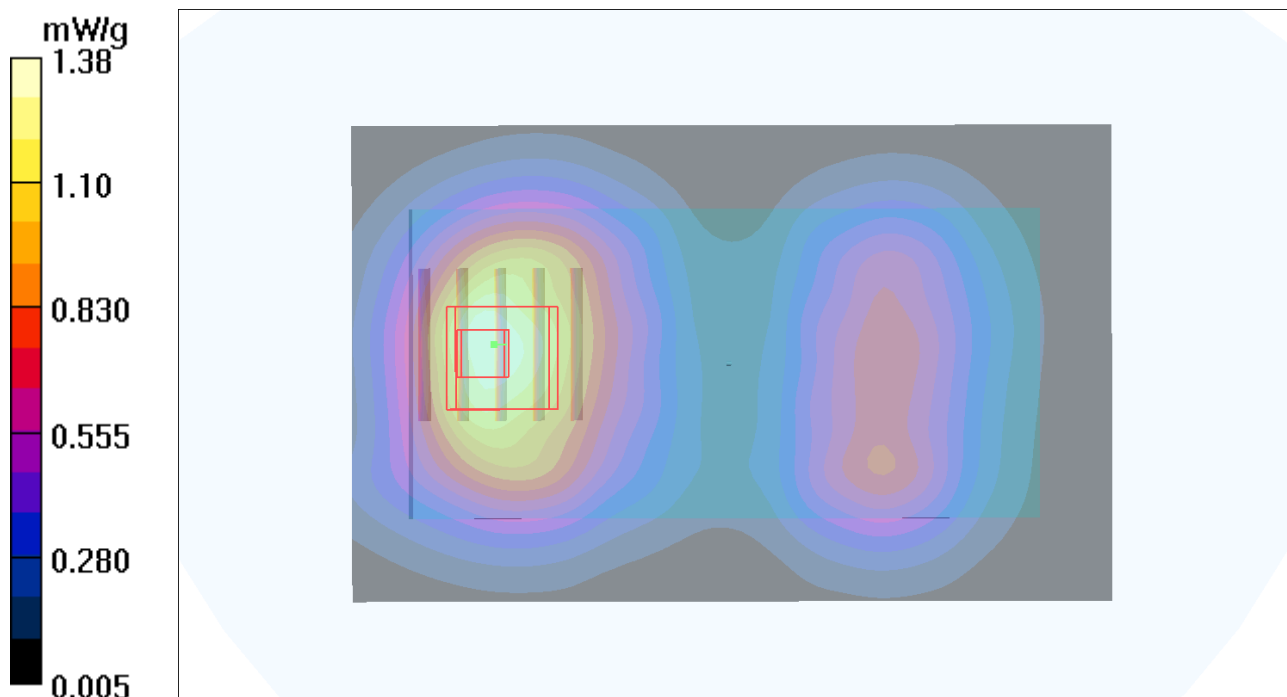
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.703 mW/g

Maximum value of SAR (measured) = 1.32 mW/g



P74 GSM1900_GPRS11_Front Face_1cm_Ch661_Sample2

DUT: 120109C17

Communication System: GSM1900 GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: B1900_0209 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.61 mW/g

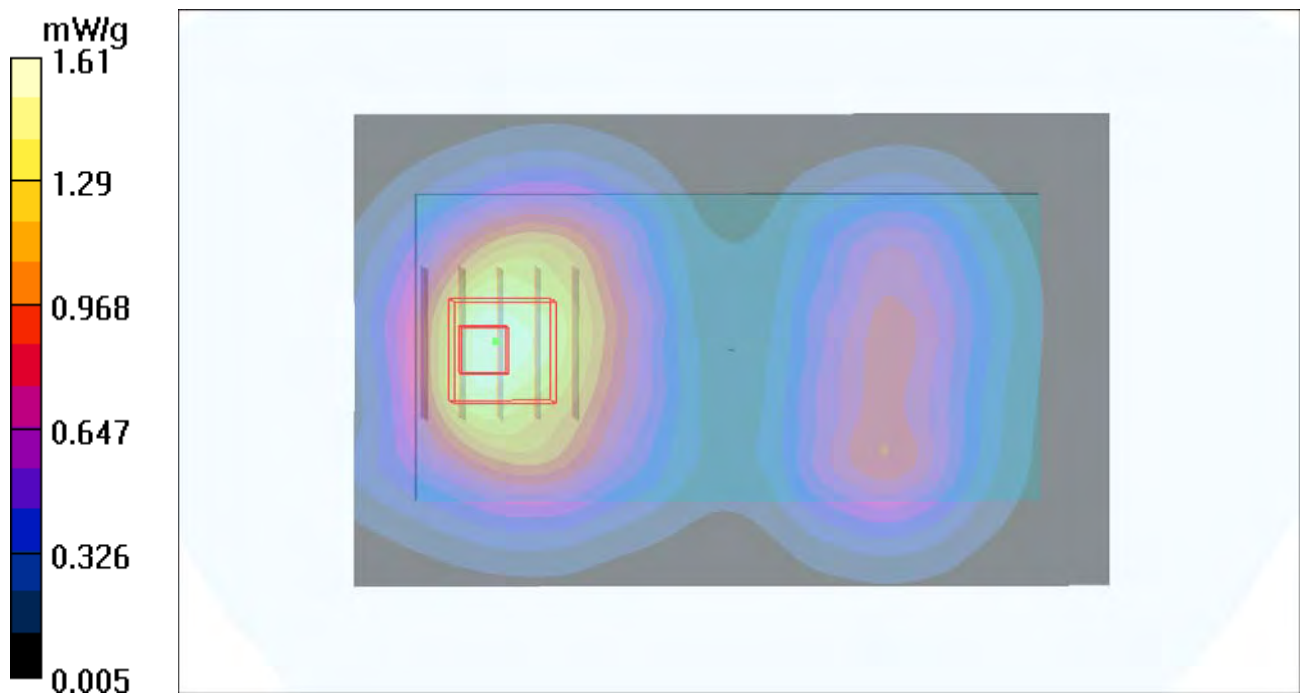
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.823 mW/g

Maximum value of SAR (measured) = 1.55 mW/g



P80 GSM1900_GPRS11_Front Face_1cm_Ch661_Sample1_Earphone1

DUT: 120109C17

Communication System: GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.66993

Medium: B1900_0210 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r = 52.563$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.441 mW/g

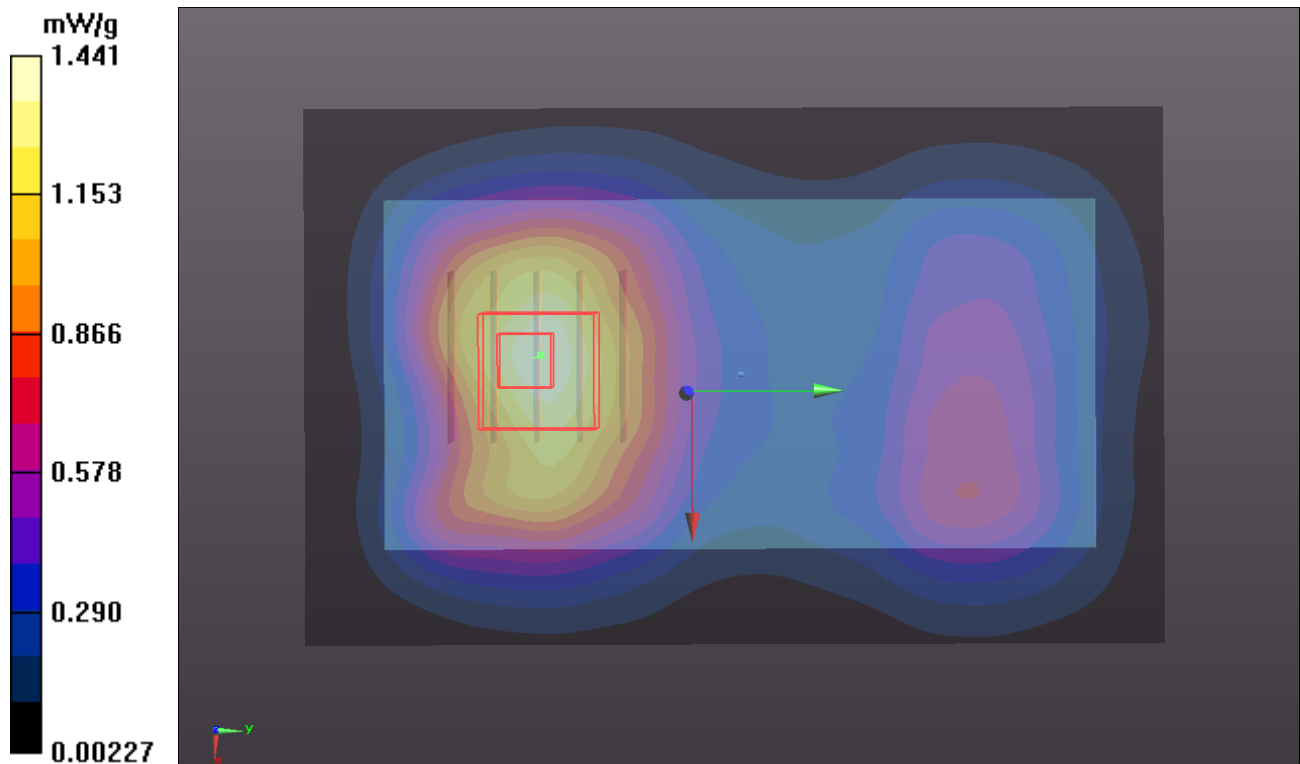
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.838 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.5040

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.698 mW/g

Maximum value of SAR (measured) = 1.282 mW/g



P81 GSM1900_GPRS11_Front Face_1cm_Ch512_Sample1_Earphone1

DUT: 120109C17

Communication System: GPRS11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.66993

Medium: B1900_0210 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.492$ mho/m; $\epsilon_r = 52.671$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.470 mW/g

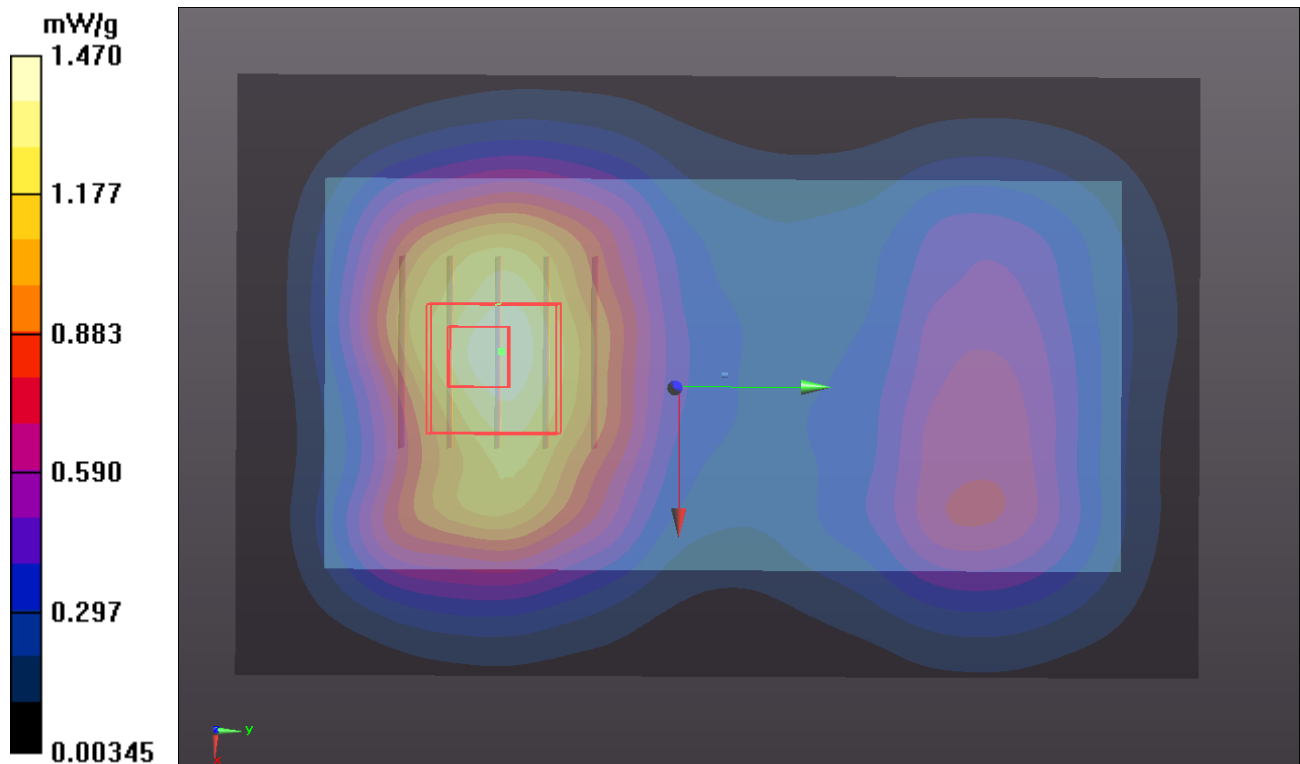
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.281 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.5420

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.723 mW/g

Maximum value of SAR (measured) = 1.326 mW/g



P82 GSM1900_GPRS11_Front Face_1cm_Ch661_Sample1_Earphone2

DUT: 120109C17

Communication System: GPRS11; Frequency: 1880 MHz; Duty Cycle: 1:2.66993

Medium: B1900_0210 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r = 52.563$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.390 mW/g

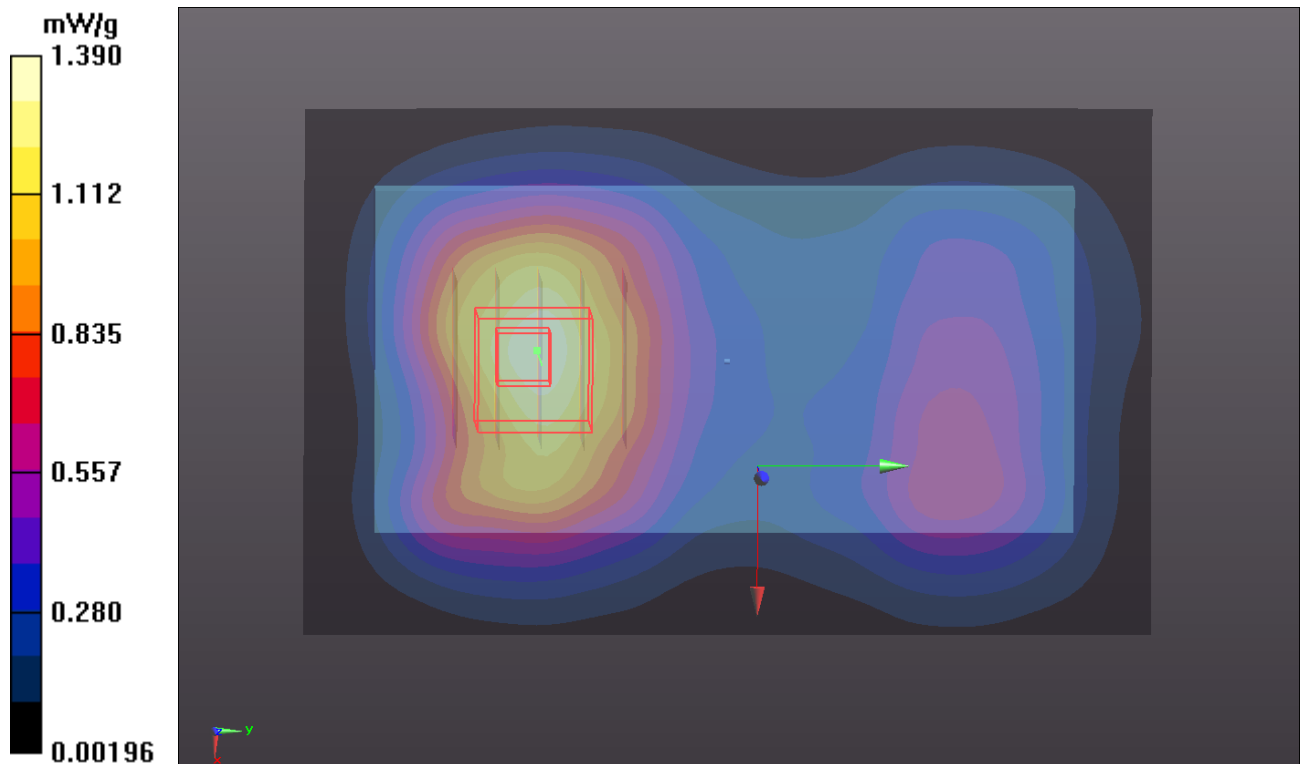
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.491 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.4770

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.674 mW/g

Maximum value of SAR (measured) = 1.253 mW/g



P83 GSM1900_GPRS11_Front Face_1cm_Ch512_Sample1_Earphone2

DUT: 120109C17

Communication System: GPRS11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.66993

Medium: B1900_0210 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.492$ mho/m; $\epsilon_r = 52.671$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.451 mW/g

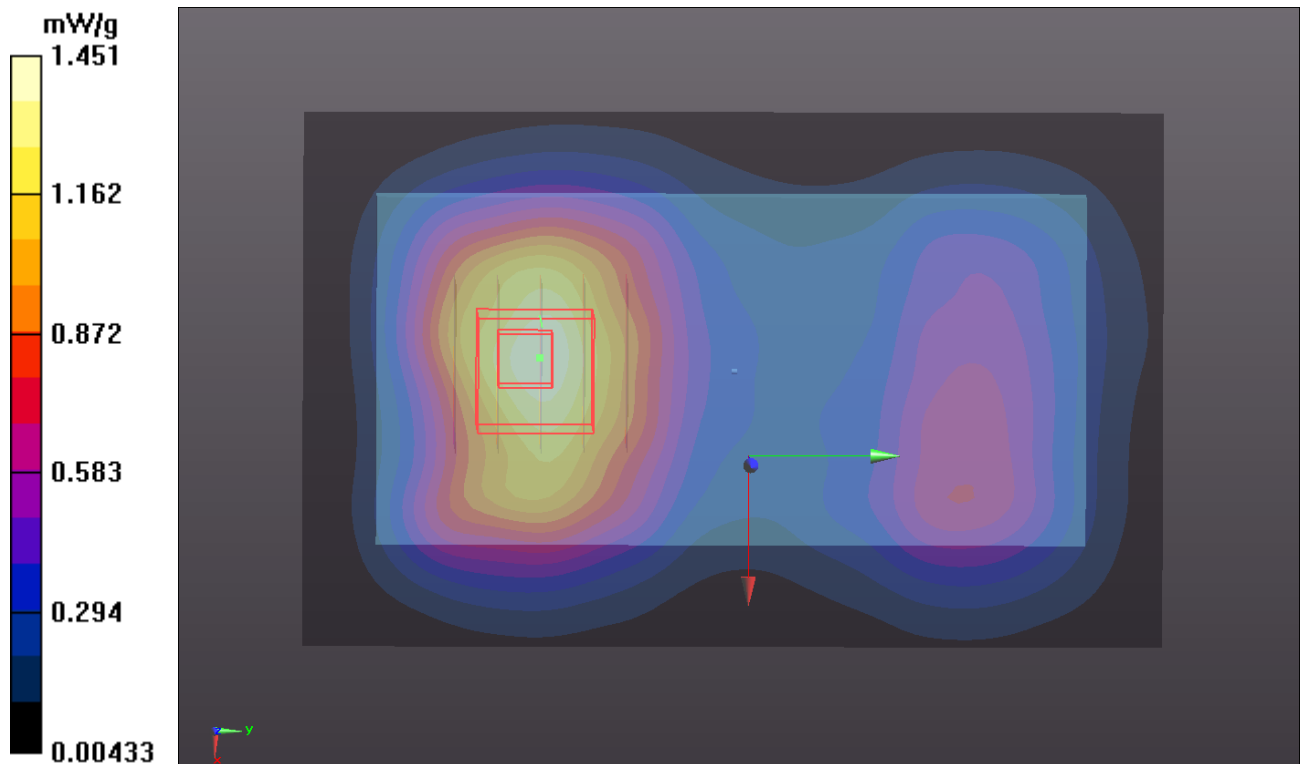
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.381 V/m; Power Drift = -0.0068 dB

Peak SAR (extrapolated) = 1.5340

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.708 mW/g

Maximum value of SAR (measured) = 1.303 mW/g



P34 WCDMA V_RMW12.2K_Front Face_Ch4182_Sample1

DUT: 120110C02

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 20.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch4182/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.274 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.282 mW/g

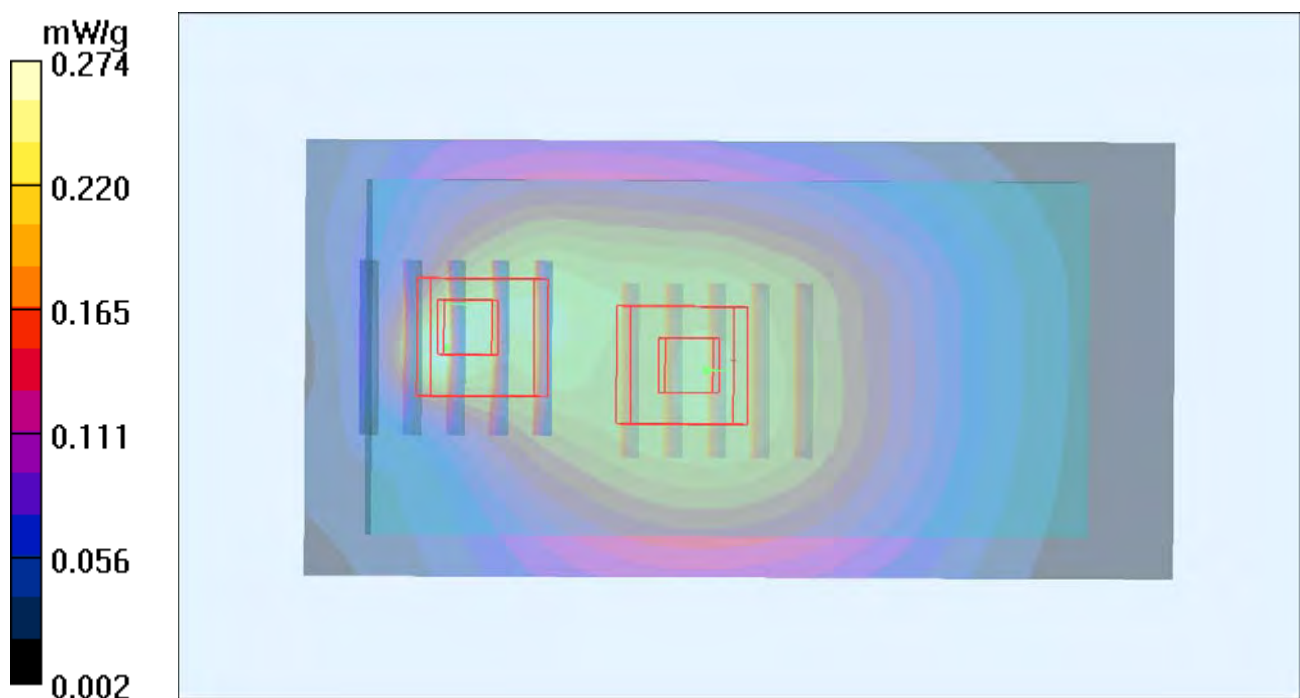
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.220 mW/g



P35 WCDMA V_RMW12.2K_Rear Face_Ch4182_Sample1

DUT: 120110C02

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch4182/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.462 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.454 mW/g

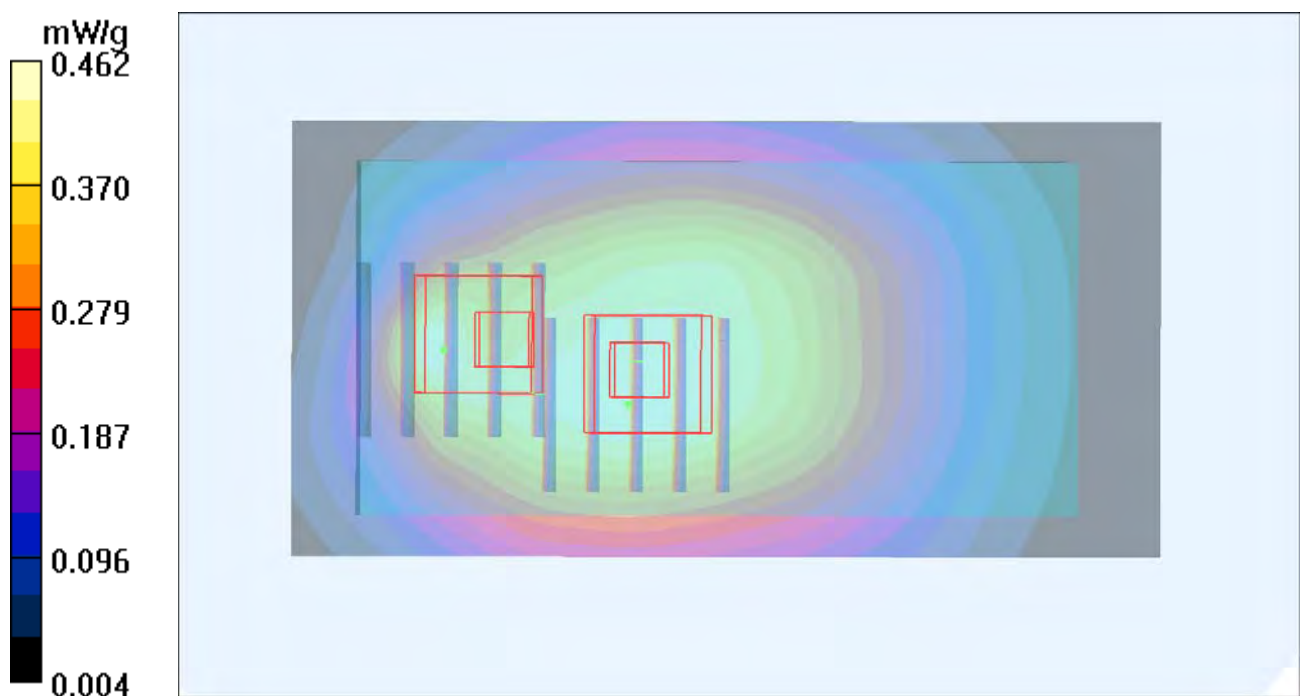
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.461 W/kg

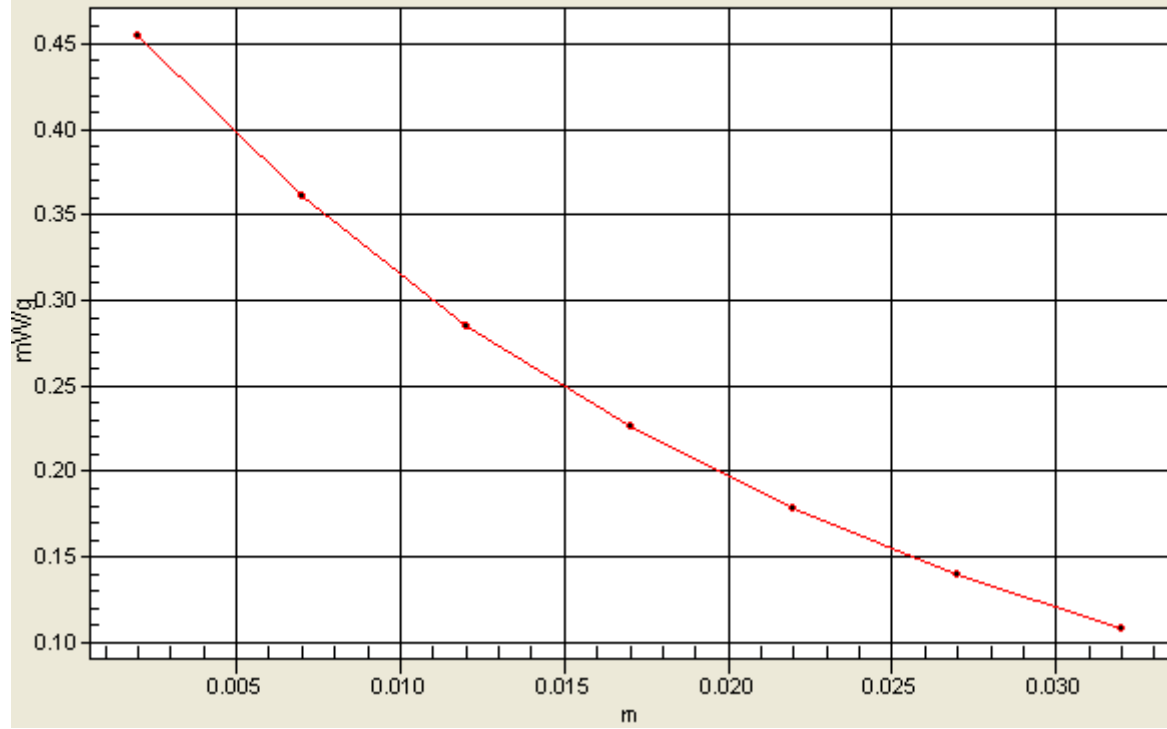
SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.406 mW/g



1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=3, Y=2



P36 WCDMA V_RMW12.2K_Left Side_Ch4182_Sample1

DUT: 120110C02

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch4182/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.275 mW/g

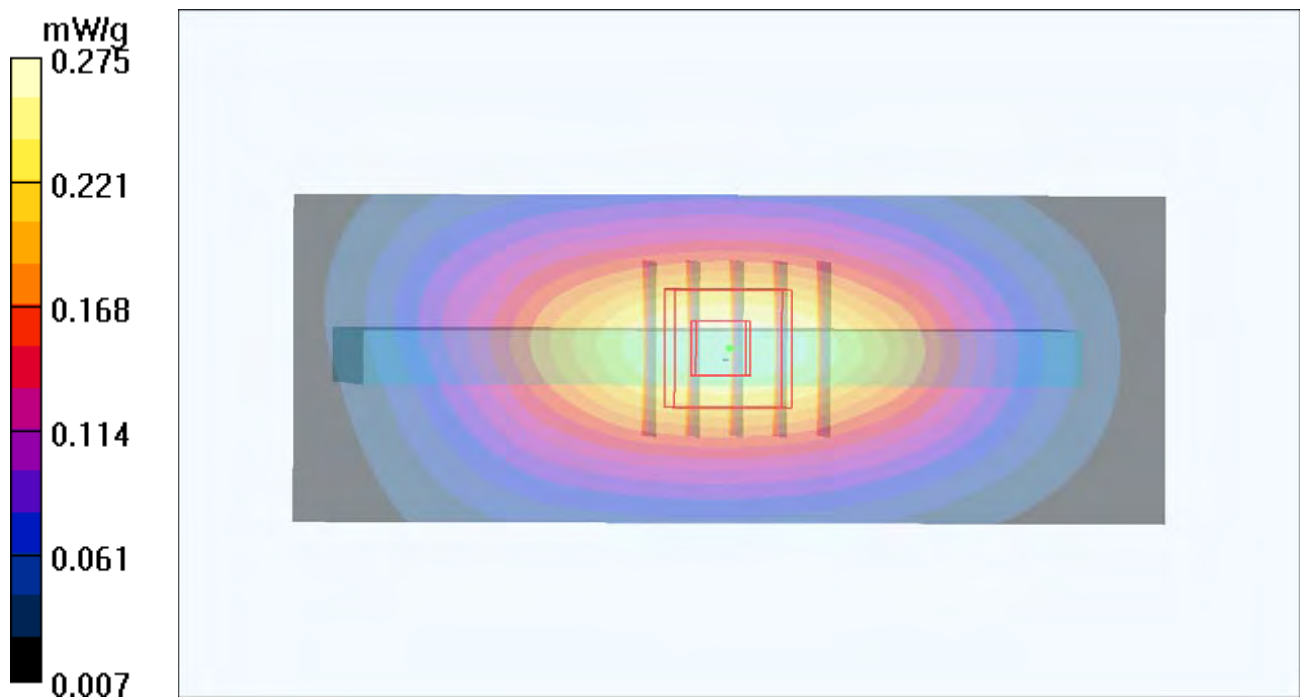
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.288 mW/g



P37 WCDMA V_RMW12.2K_Right Side_Ch4182_Sample1

DUT: 120110C02

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 20.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch4182/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.316 mW/g

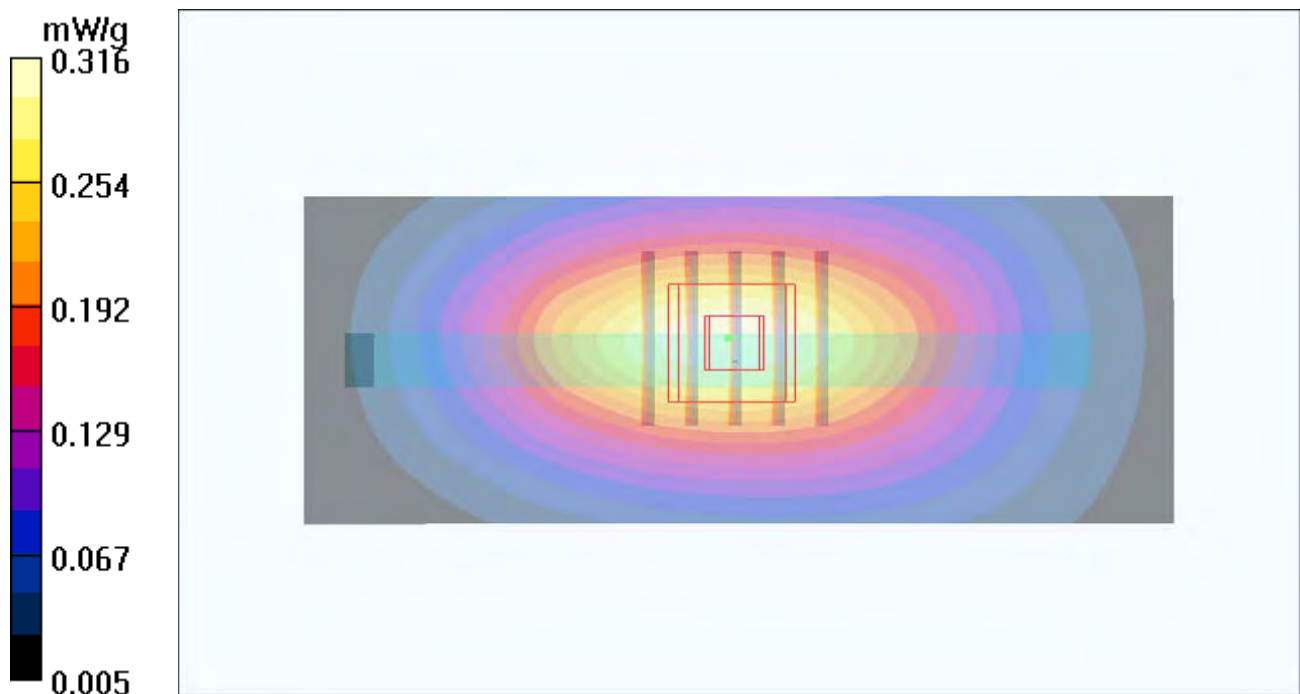
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.179 mW/g

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



P38 WCDMA V_RMW12.2K_Bottom Side_Ch4182_Sample1

DUT: 120110C02

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch4182/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.055 mW/g

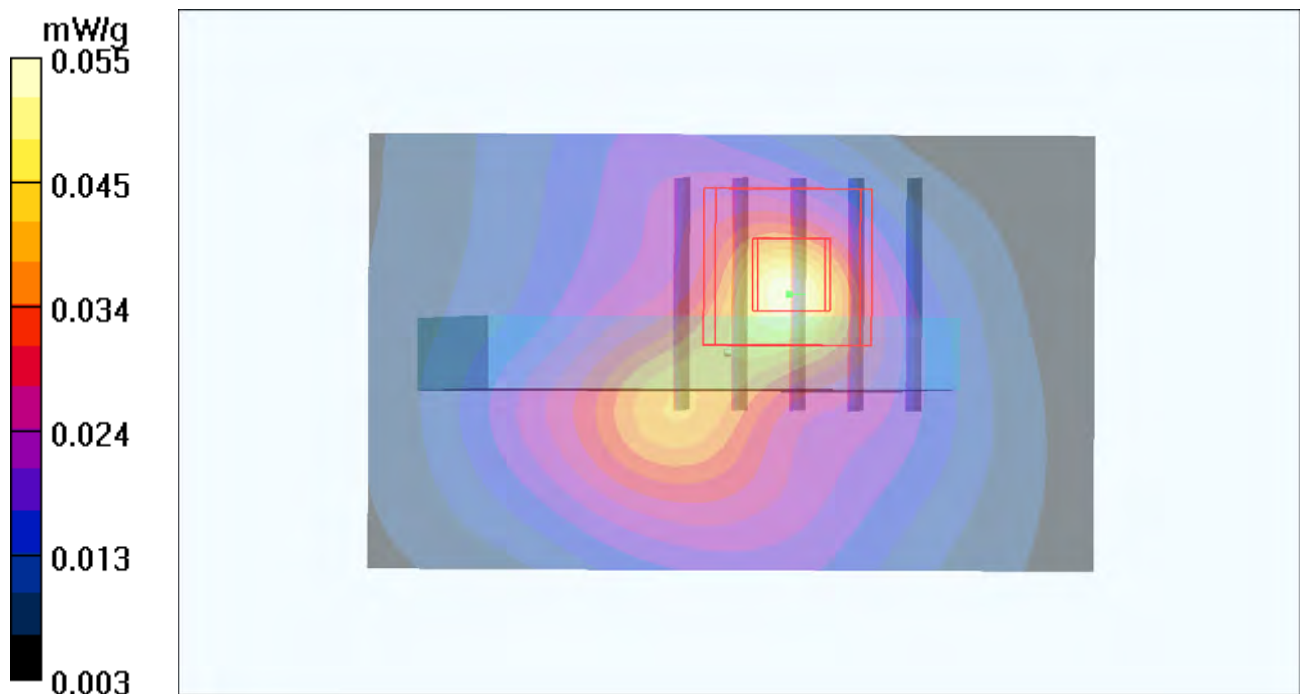
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.82 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.051 mW/g



P39 WCDMA V_RMW12.2K_Rear Face_Ch4182_Sample1_Earphone1

DUT: 120110C02

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835_0122 Medium parameters used : $f = 836.4$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 20.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch4182/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.305 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.281 mW/g

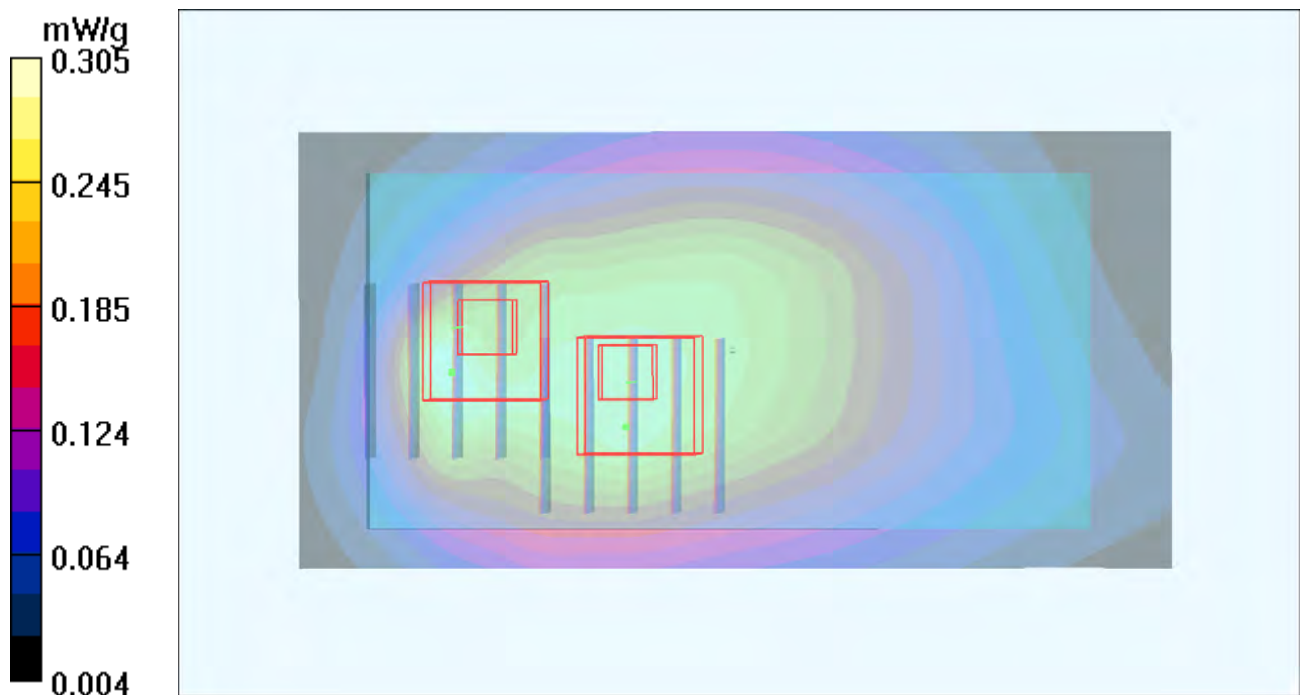
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.152 mW/g

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



P59 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182_Sample2

DUT: 120109C17

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835_0209 Medium parameters used : $f = 836.4$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.303 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.9 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.269 mW/g

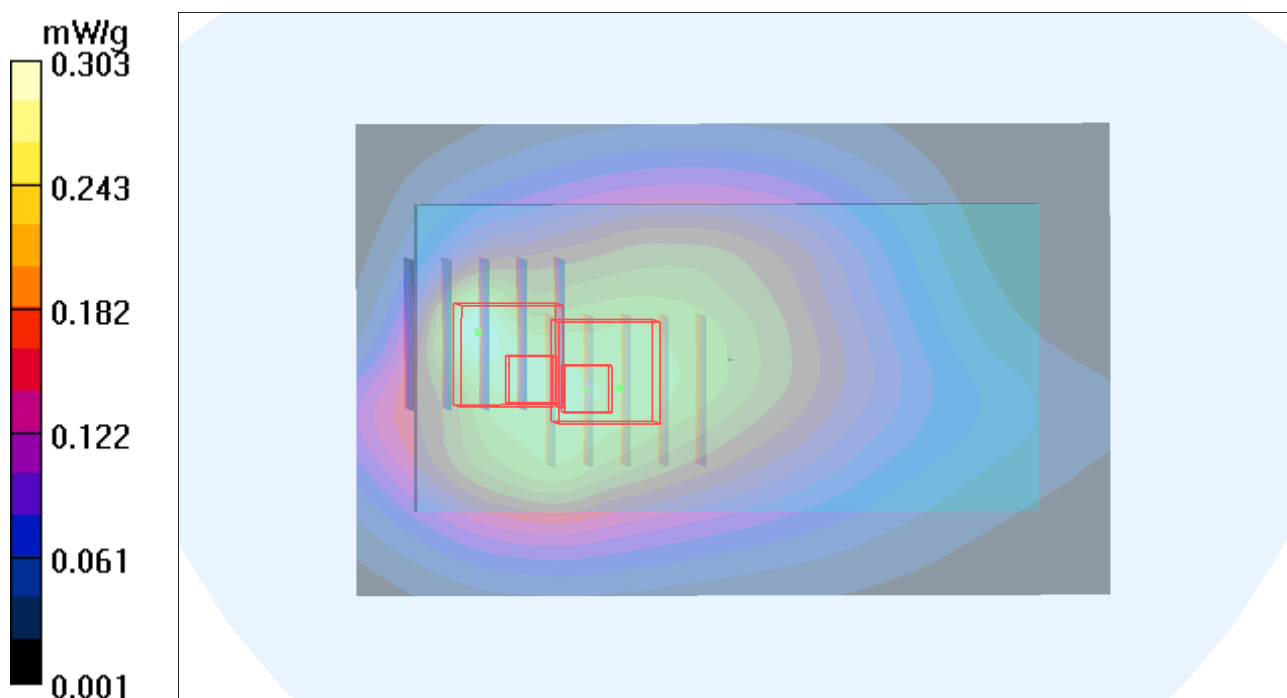
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.9 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.266 mW/g



P60 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182_Sample1_Earphone2

DUT: 120109C17

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835_0209 Medium parameters used : $f = 836.4$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

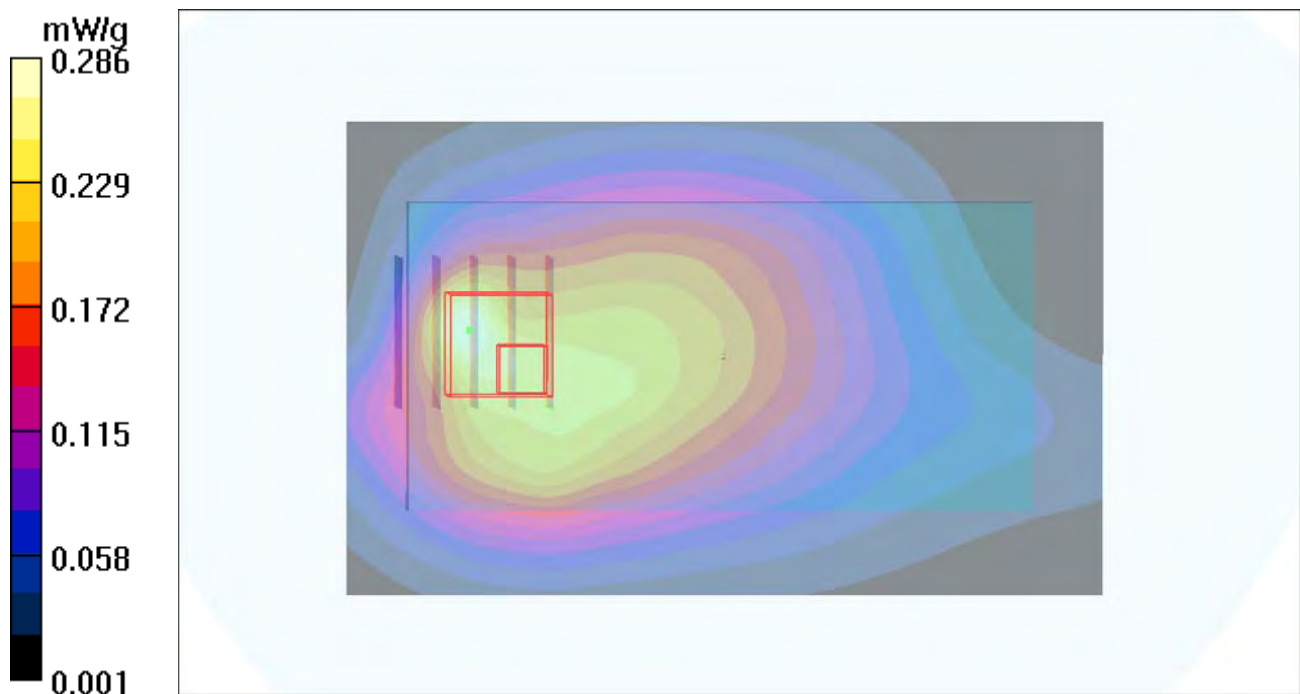
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



P40 802.11b_Right Cheek_Ch6_Sample1

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H2450_0123 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.068 mW/g

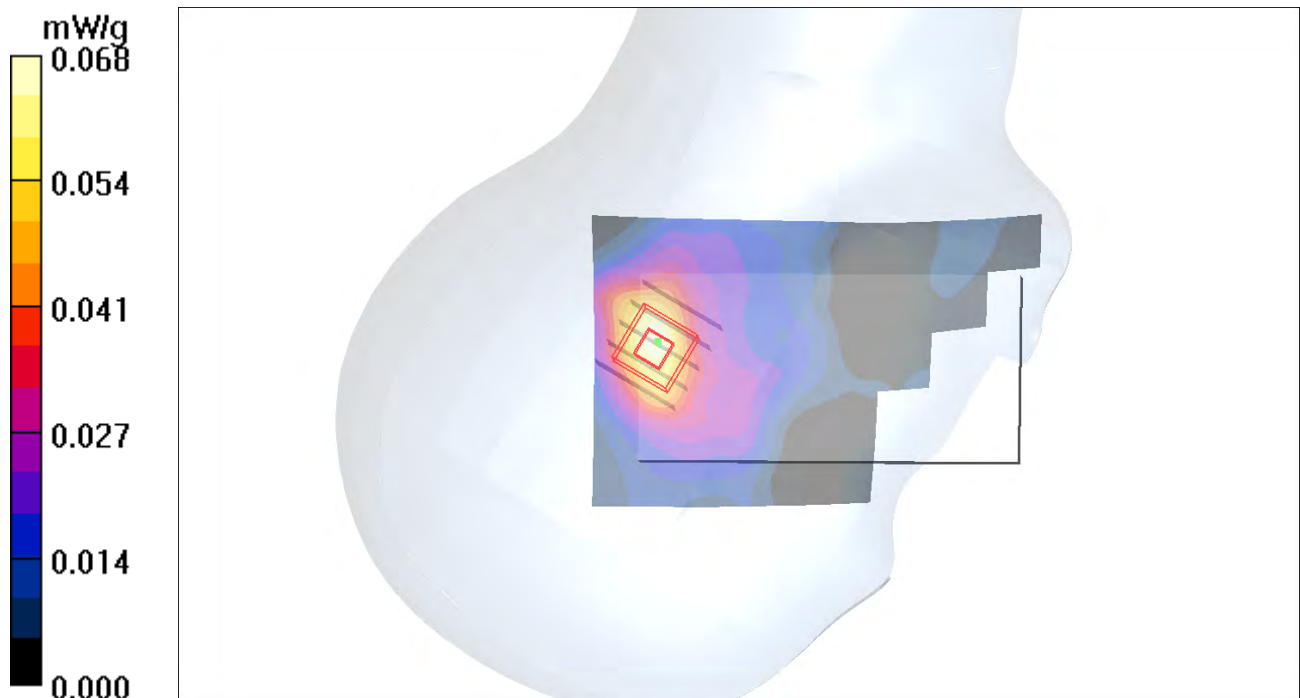
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.04 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.025 mW/g

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



P41 802.11b_Right Tilted_Ch6_Sample1

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H2450_0123 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.106 mW/g

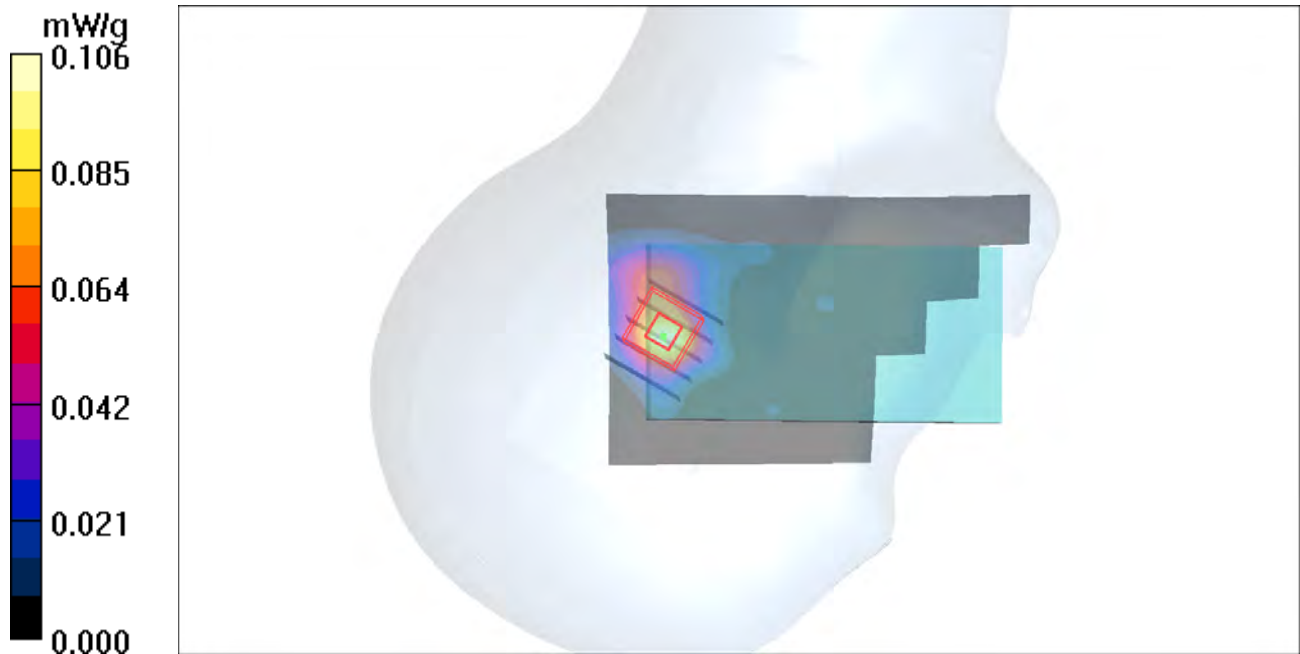
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.79 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.081 mW/g



P42 802.11b_Left Cheek_Ch6_Sample1

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H2450_0123 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.092 mW/g

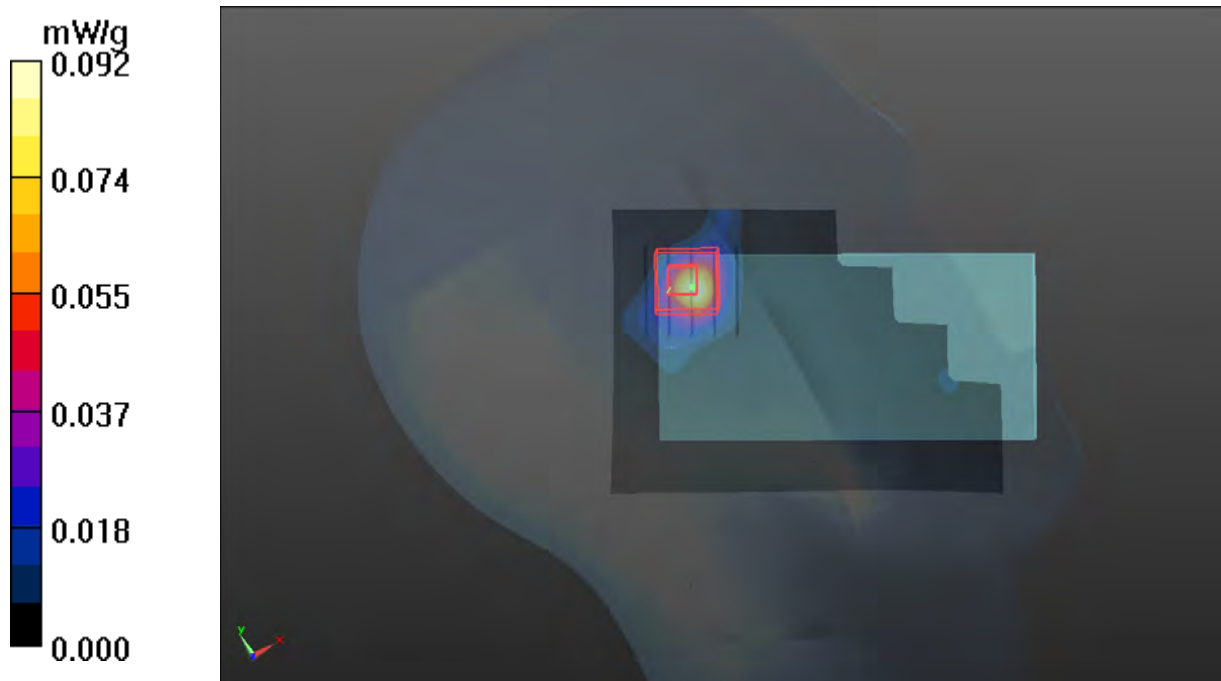
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.36 V/m; Power Drift = -0.017 dB

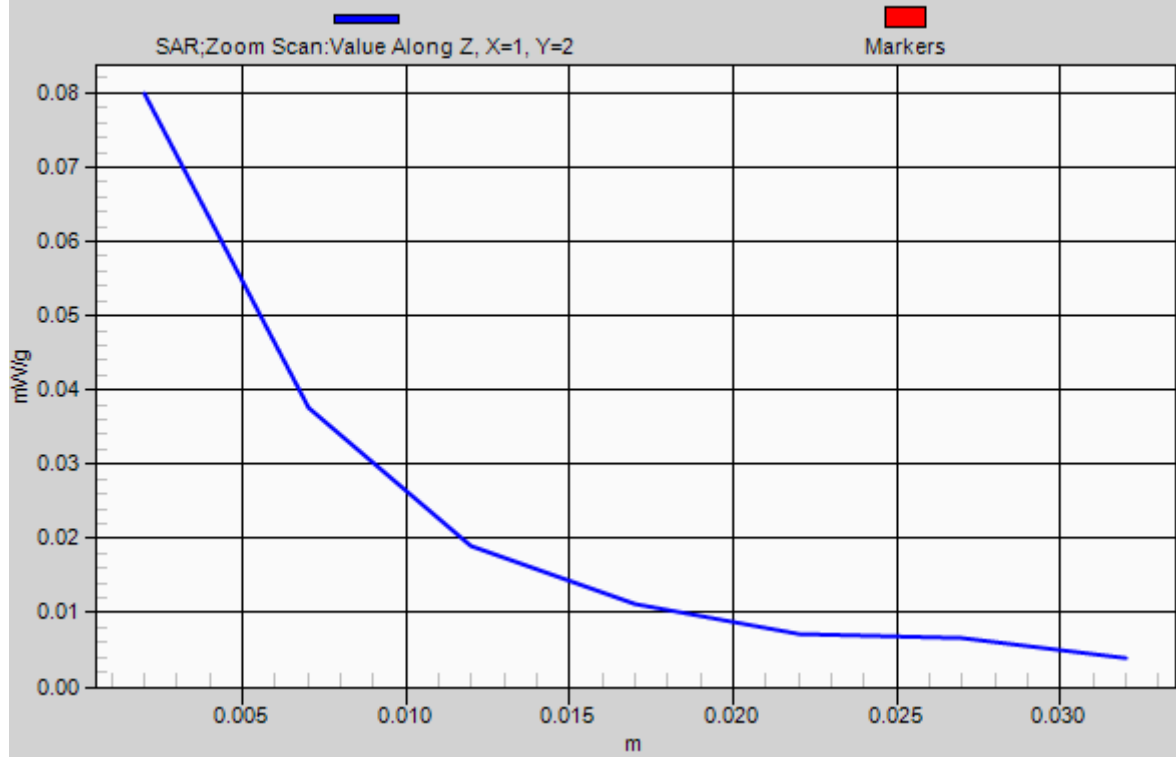
Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.080 mW/g



1g/10g Averaged SAR



P43 802.11b_Left Tilted_Ch6_Sample1

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H2450_0123 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.084 mW/g

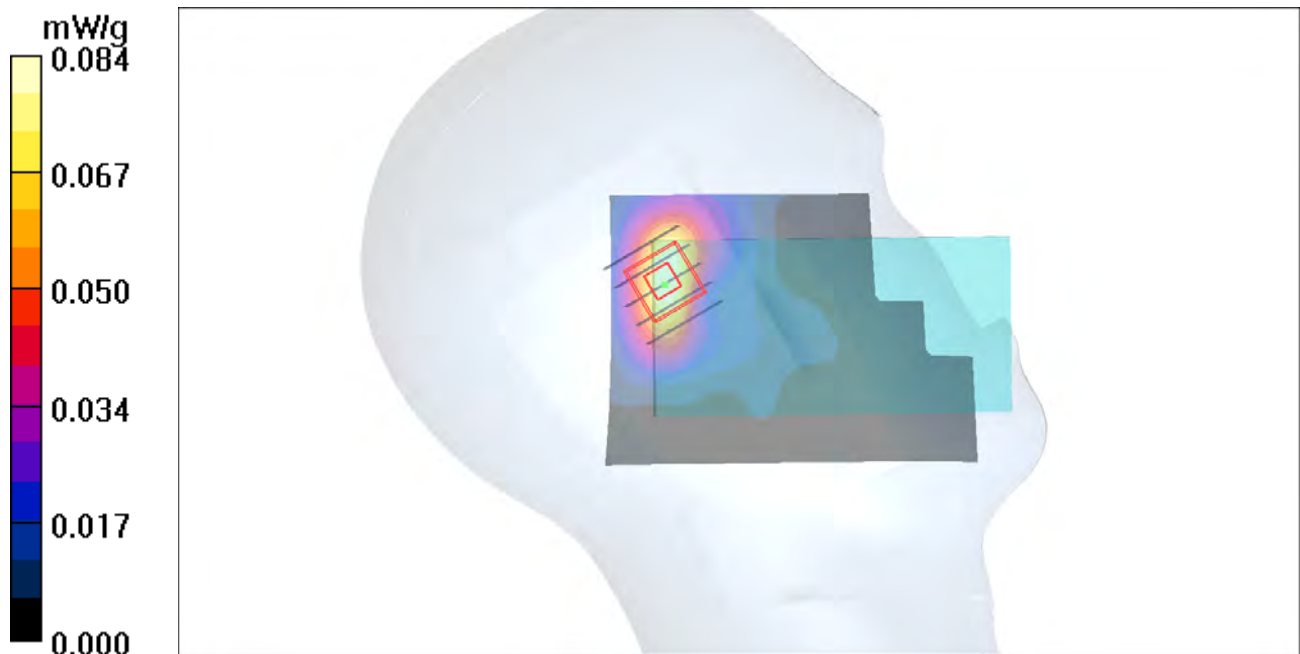
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.01 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



P61 802.11b_Left Cheek_Ch06_Sample2

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H2450_0210 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.831$ mho/m; $\epsilon_r = 38.122$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.8, 6.8, 6.8); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch06/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.167 mW/g

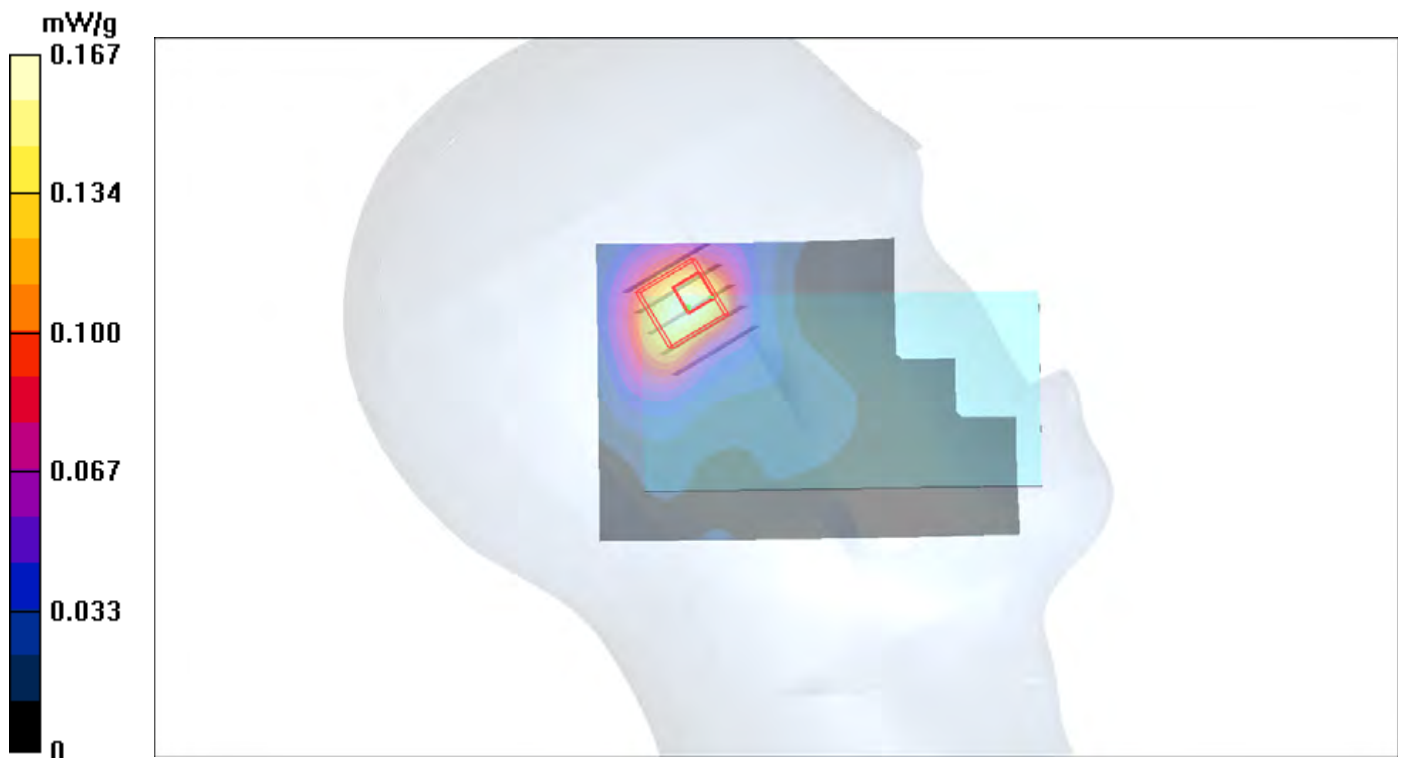
Ch06/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.977 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0770

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.021 mW/g

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



P45 802.11b_Front Face_1cm_Ch6_Sample1

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0123 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.022 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.88 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.028 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00866 mW/g

Maximum value of SAR (measured) = 0.021 mW/g

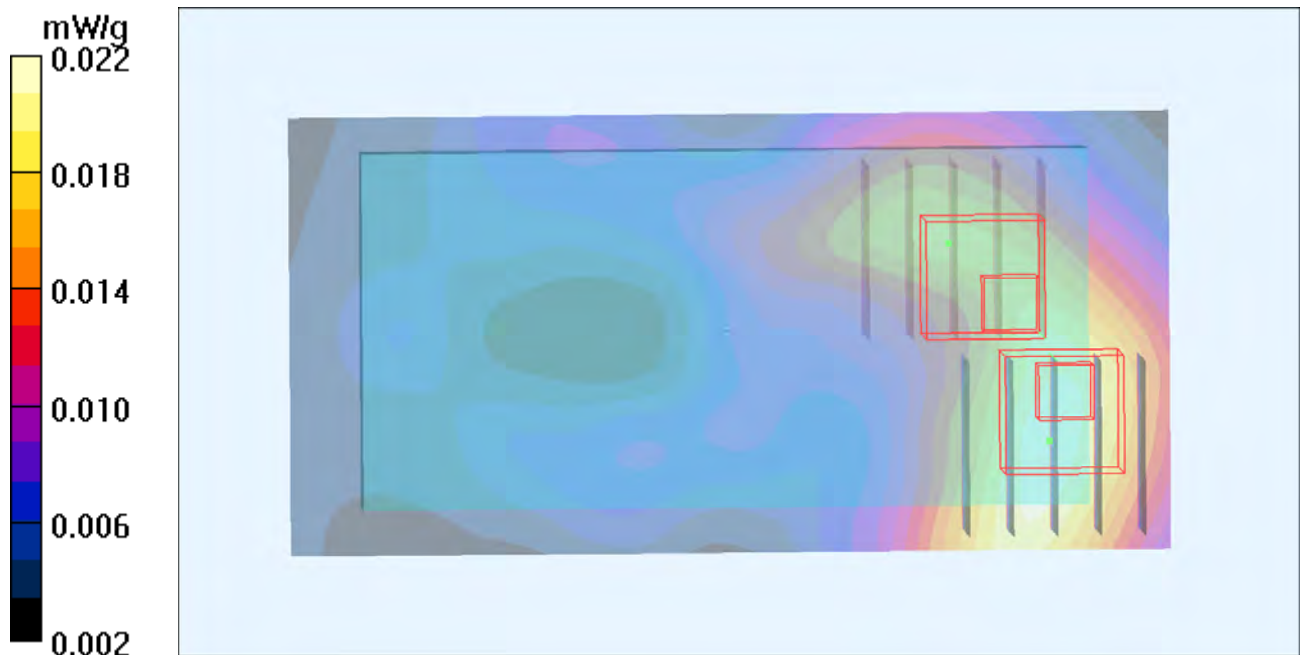
Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.88 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00622 mW/g

Maximum value of SAR (measured) = 0.019 mW/g



P46 802.11b_Rear Face _1cm_Ch6_Battery1

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0123 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.038 mW/g

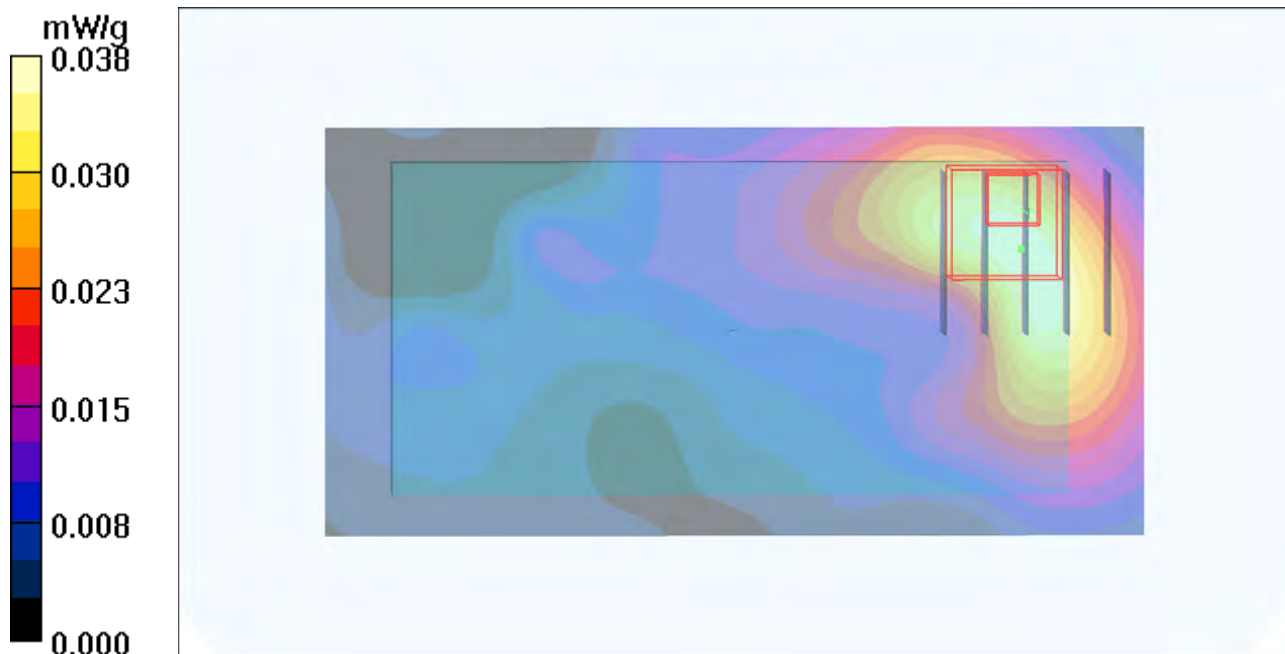
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.03 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.079 W/kg

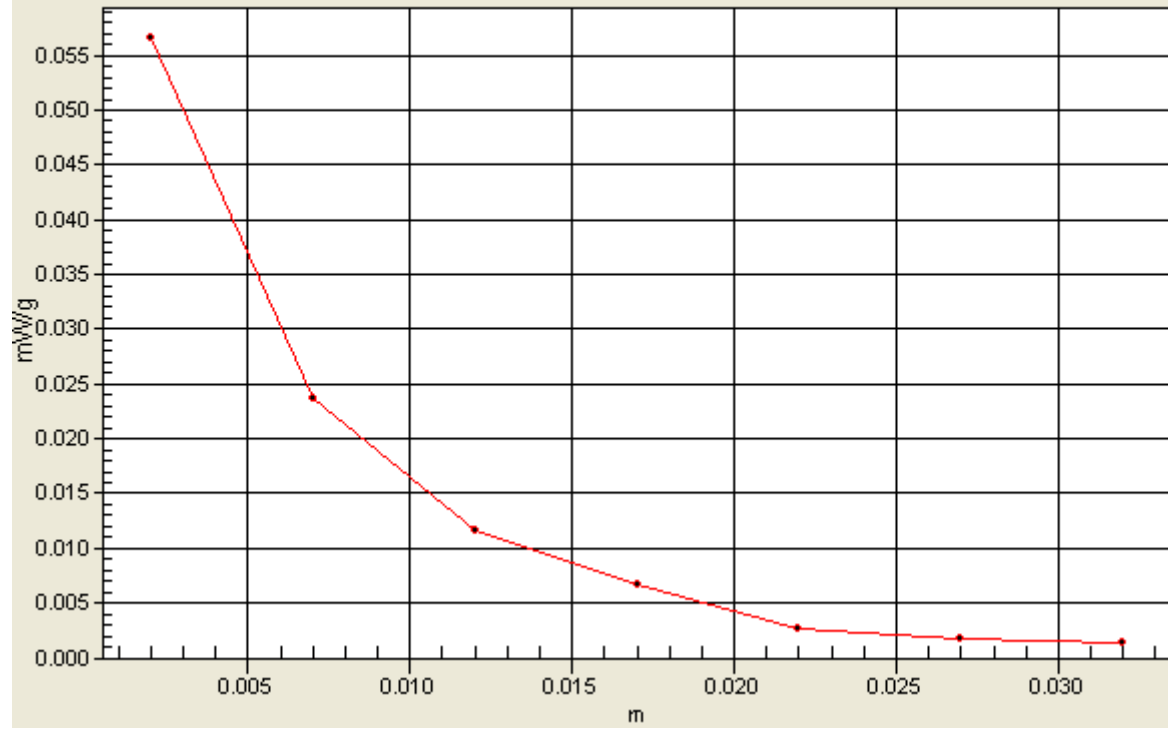
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.017 mW/g

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



1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=3, Y=2



P48 802.11b_Right Side_1cm_Ch6_Sample1

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0123 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch6/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.034 mW/g

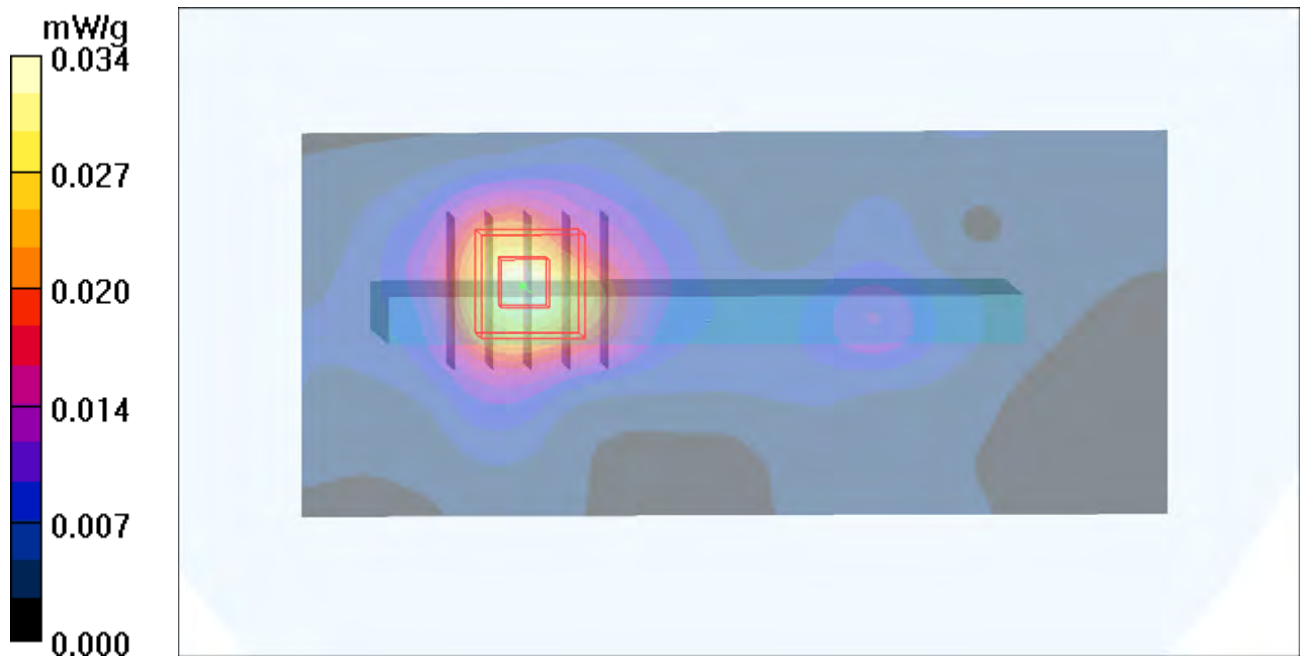
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.81 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.048 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.036 mW/g



P49 802.11b_Top Side_1cm_Ch6_Sample1

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0123 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.040 mW/g

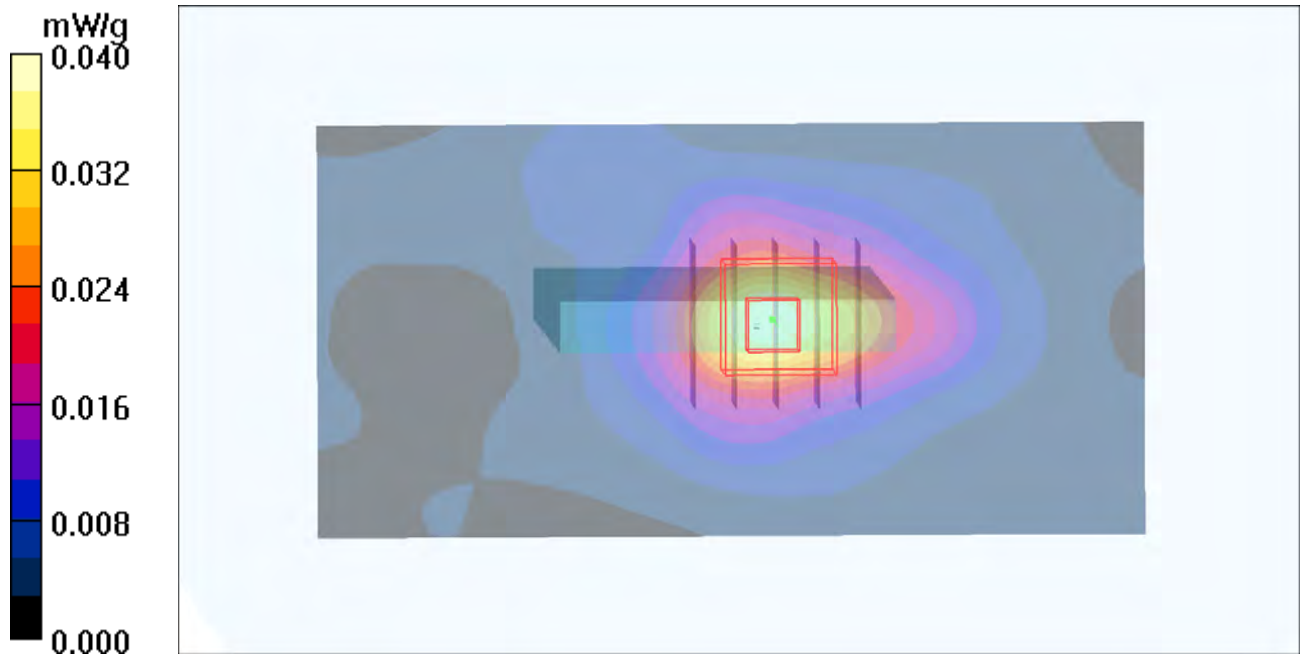
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.53 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.041 mW/g



P62 802.11b_Rear Face_Ch06_Sample1_Earphone1

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0210 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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

Ch06/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.033 mW/g

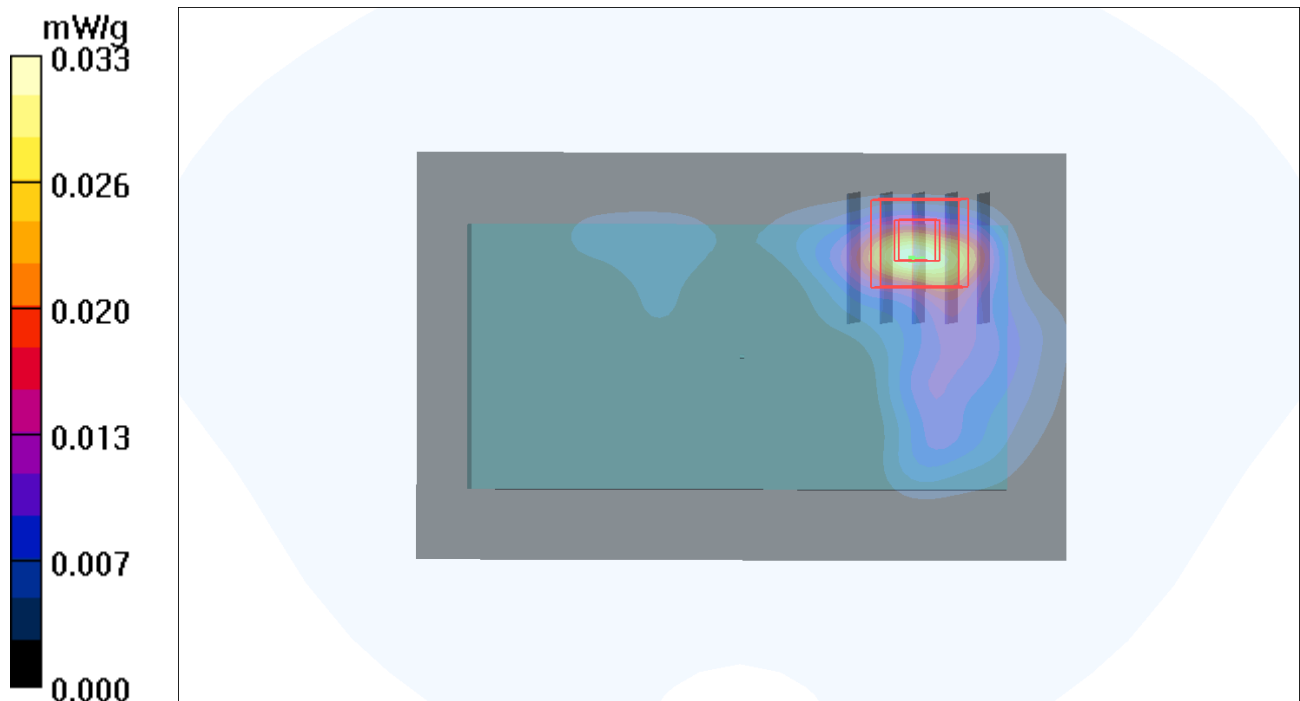
Ch06/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.892 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.034 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00599 mW/g

Maximum value of SAR (measured) = 0.021 mW/g



P63 802.11b_Rear Face_Ch06_Sample2

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0210 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 50.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch06/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.044 mW/g

Ch06/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.572 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.1260

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00955 mW/g

Maximum value of SAR (measured) = 0.037 mW/g

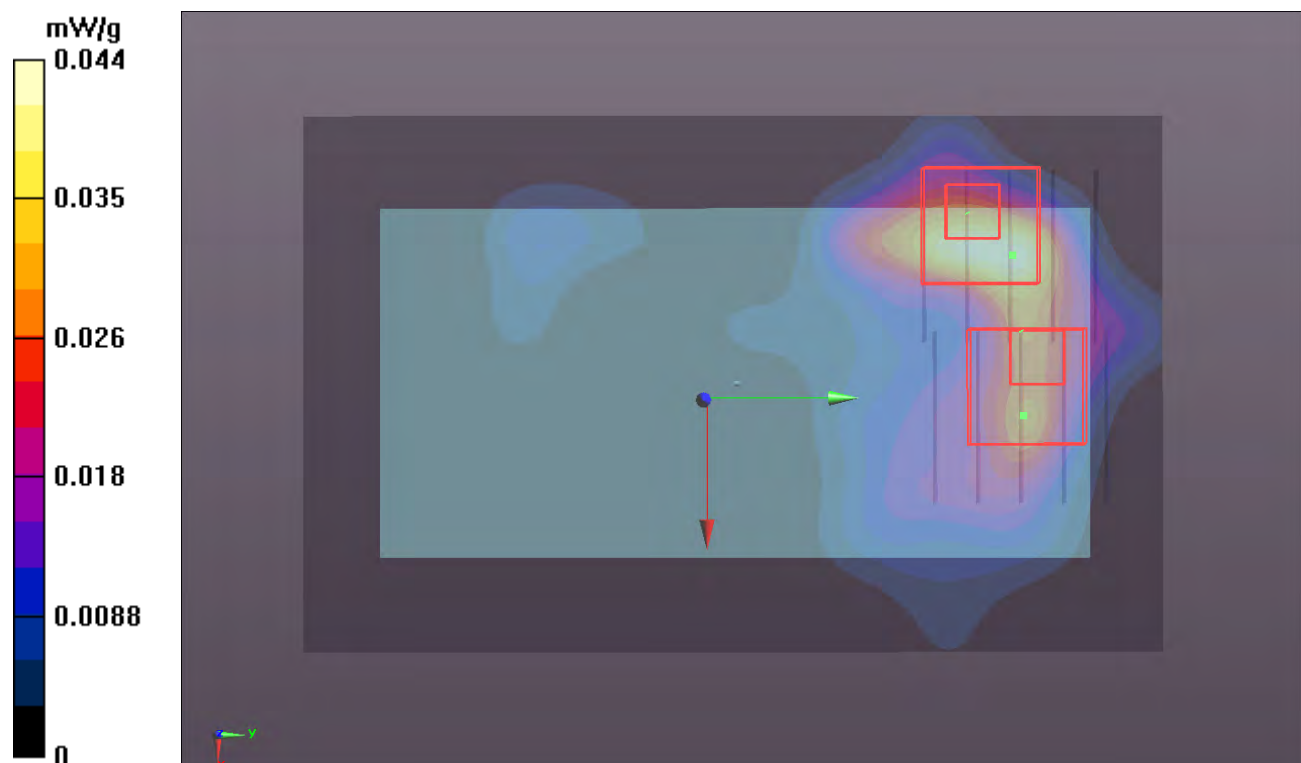
Ch06/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.572 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.0370

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00921 mW/g

Maximum value of SAR (measured) = 0.026 mW/g



P64 802.11b_Rear Face_Ch06_Sample1_Earphone2

DUT: 120109C17

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0210 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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

Ch06/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.025 mW/g

Ch06/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.806 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.033 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00595 mW/g

Maximum value of SAR (measured) = 0.023 mW/g

