

Appendix B. SAR Plots of SAR Measurement

The plots for SAR measurement are shown as follows.

P201 CDMA2000 BC10_RC3+SO55_Right Cheek_Ch684**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: H835_1202 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 42.532$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.89, 8.89, 8.89); Calibrated: 2012/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch684/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.504 W/kg

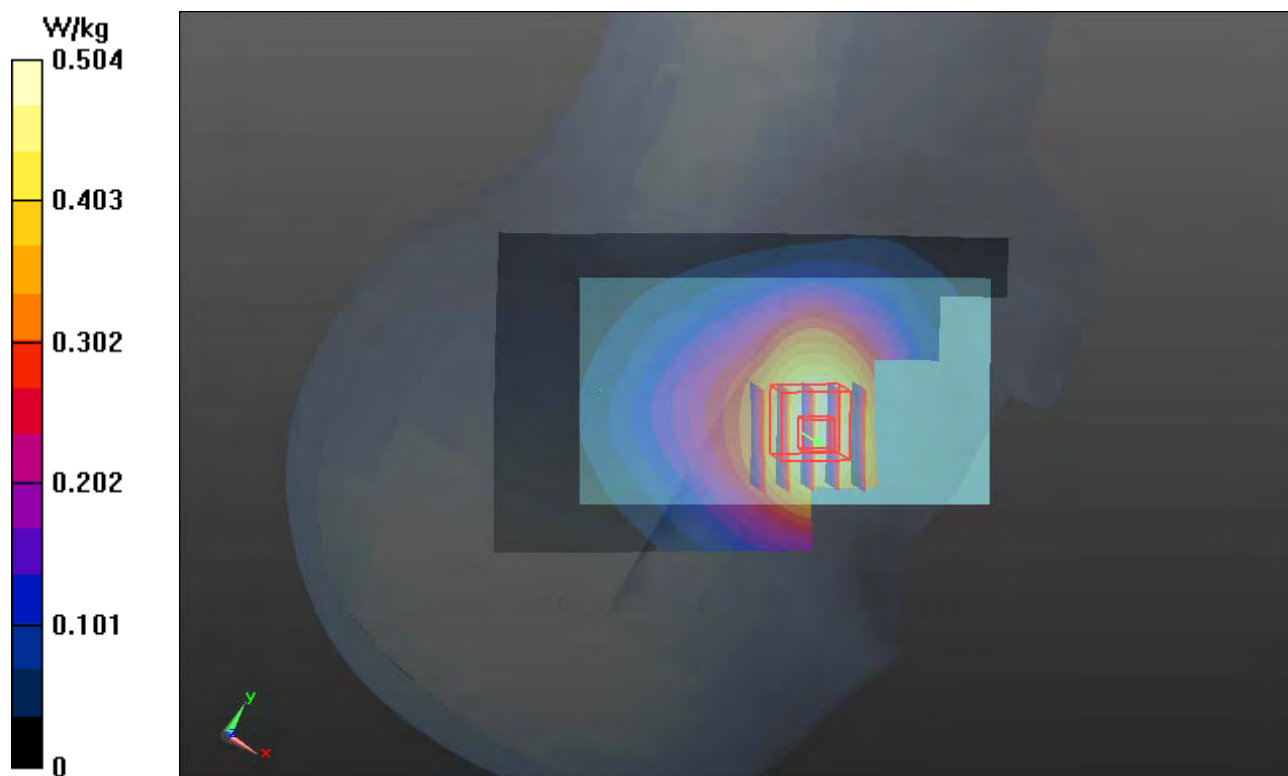
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.882 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.580 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.317 W/kg

Maximum value of SAR (measured) = 0.493 W/kg



P202 CDMA2000 BC10_RC3+SO55_Right Tilted_Ch684**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: H835_1202 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 42.532$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.89, 8.89, 8.89); Calibrated: 2012/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch684/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.302 W/kg

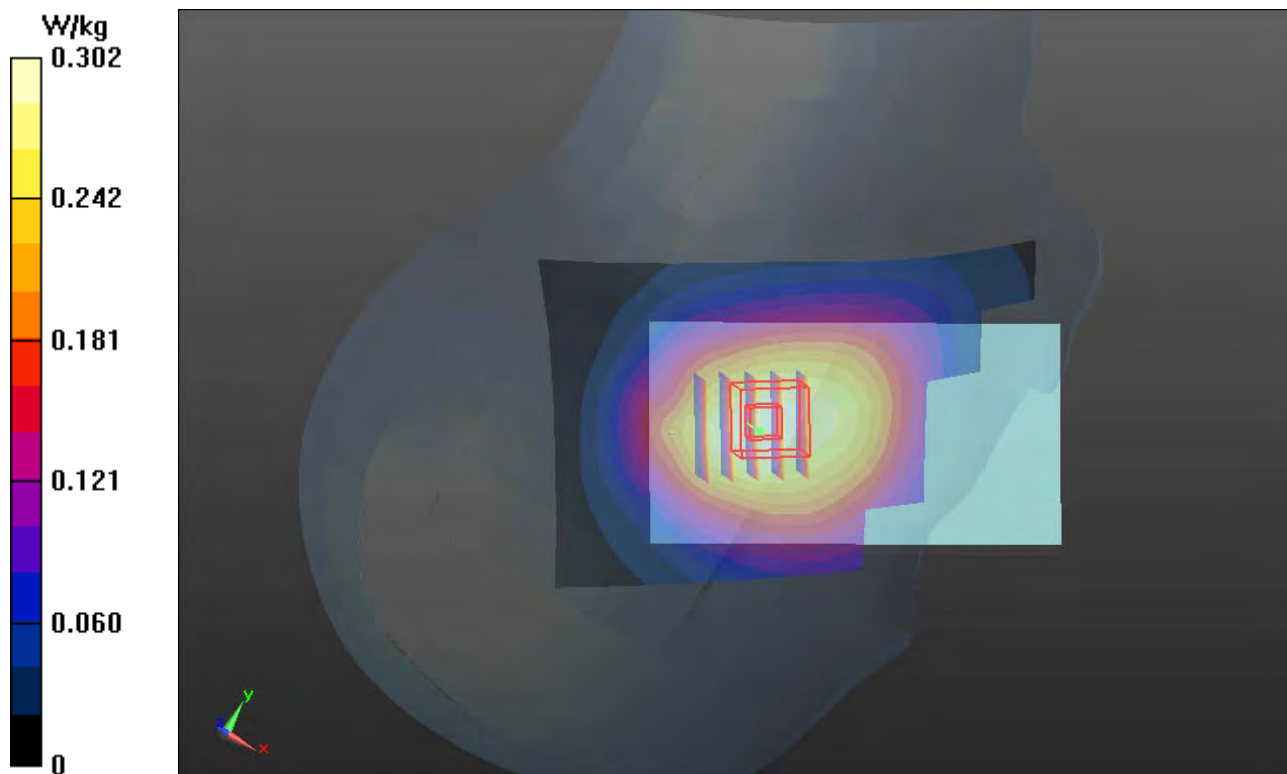
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.925 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.201 W/kg

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



P203 CDMA2000 BC10_RC3+SO55_Left Cheek_Ch684**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: H835_1202 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r =$

42.532; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.89, 8.89, 8.89); Calibrated: 2012/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch684/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.835 W/kg

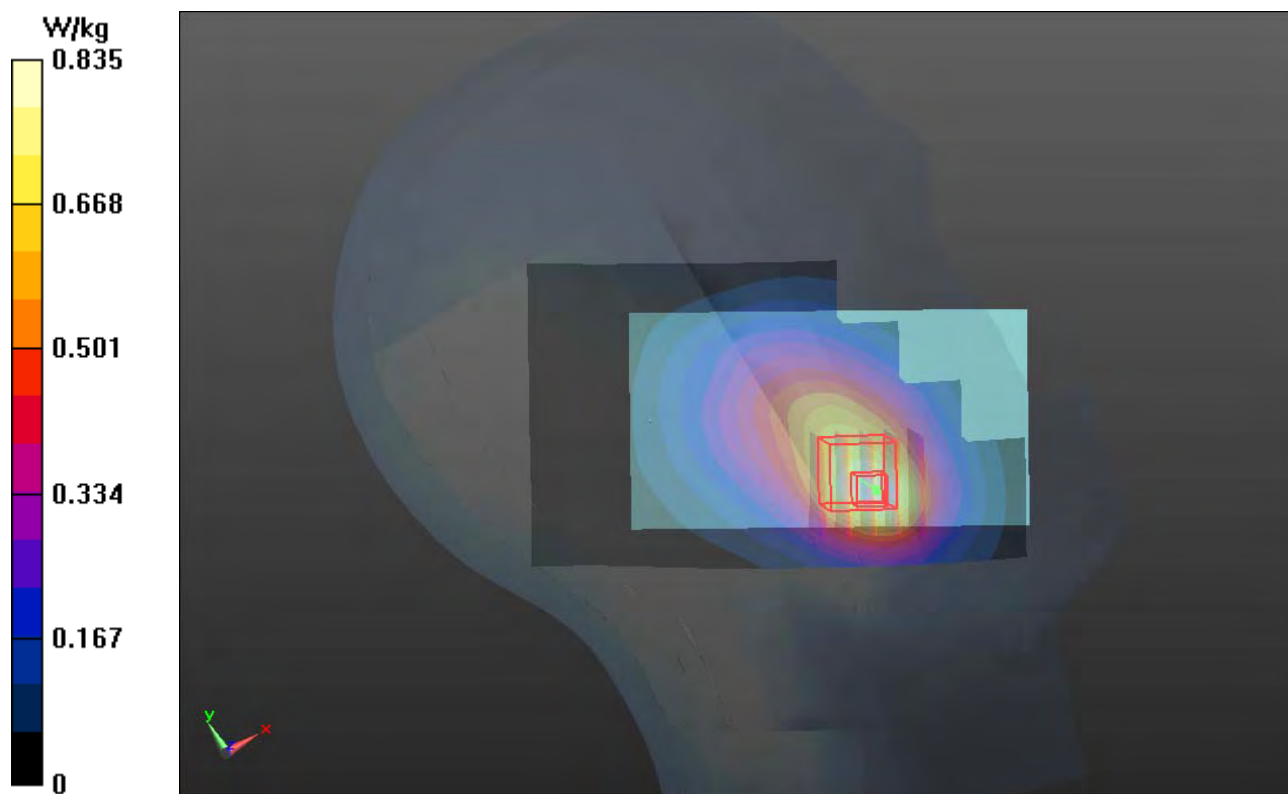
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

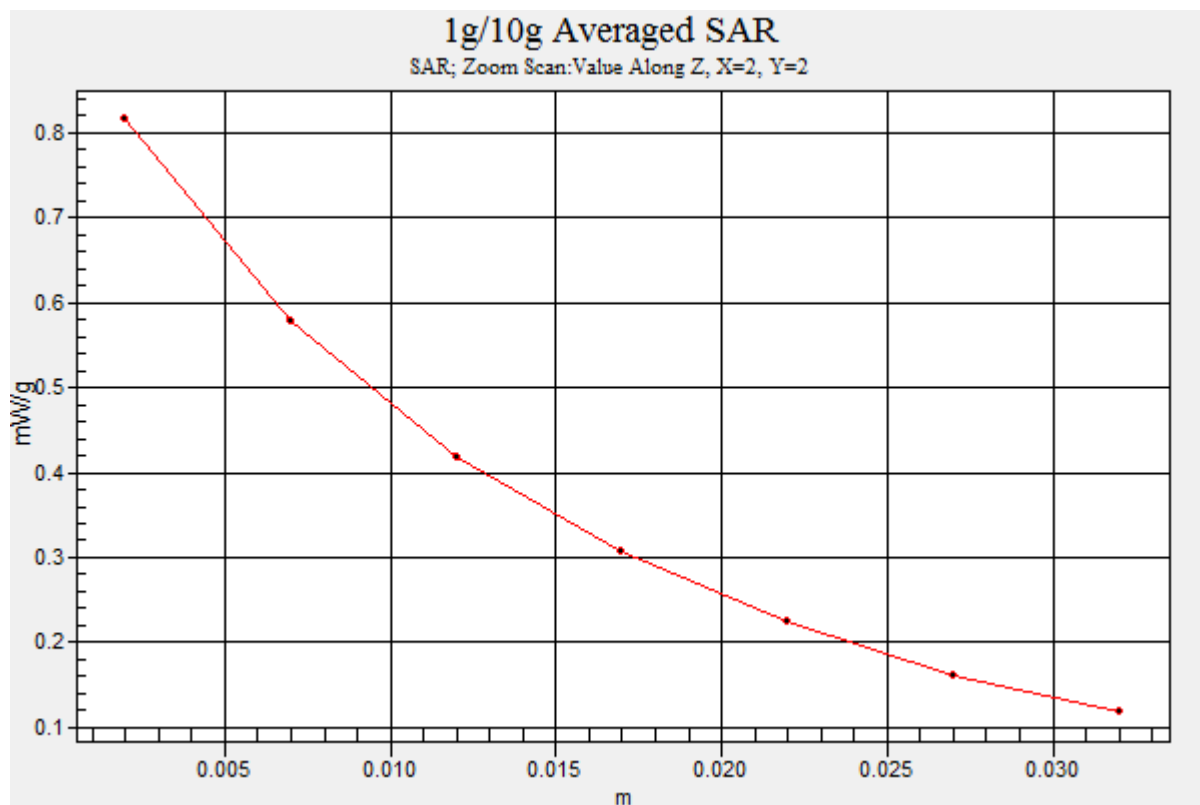
Reference Value = 10.382 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.463 W/kg

Maximum value of SAR (measured) = 0.815 W/kg





P204 CDMA2000 BC10_RC3+SO55_Left Tilted_Ch684**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: H835_1202 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 42.532$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.89, 8.89, 8.89); Calibrated: 2012/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch684/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.392 W/kg

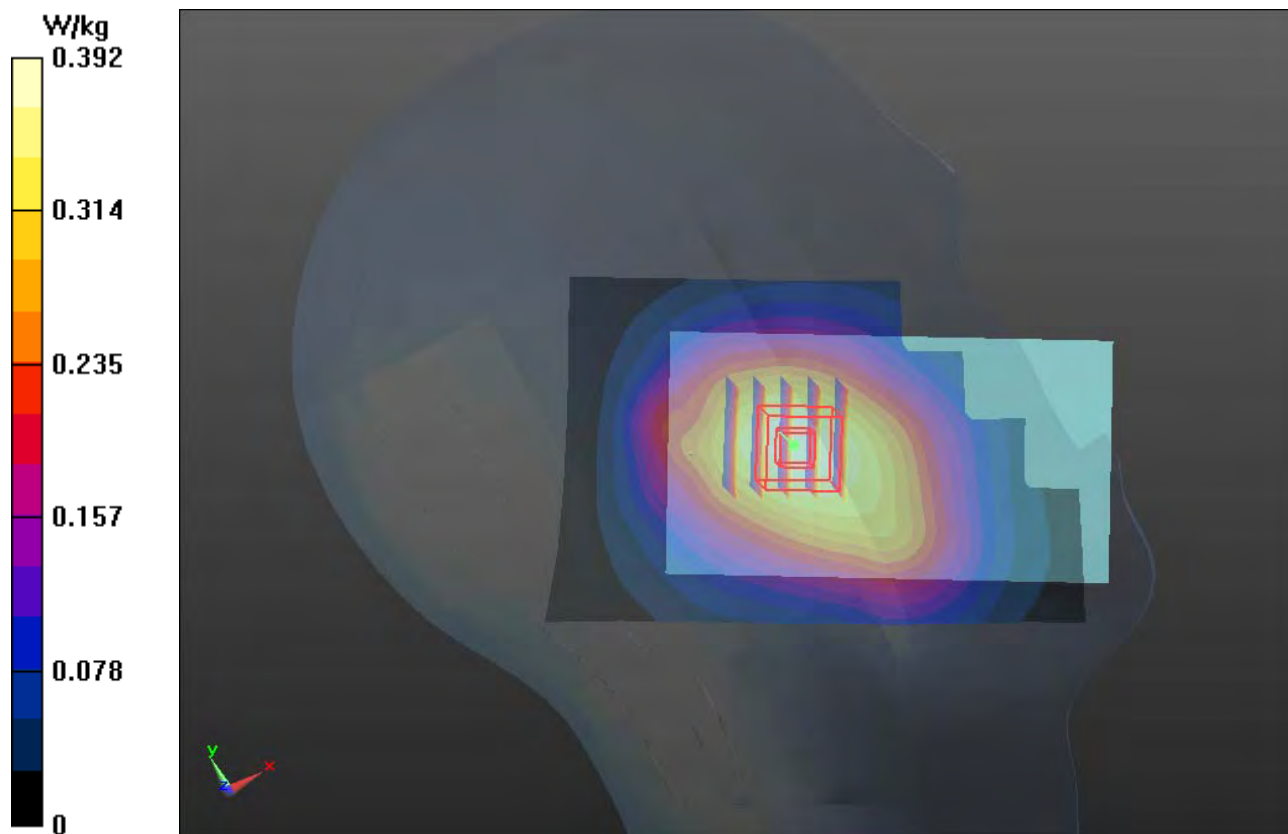
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.063 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.390 W/kg



P001 CDMA2000 BC0_RC3+SO55_Right Cheek_Ch384**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: H835_1201 Medium parameters used: $f = 837$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 42.406$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.71, 8.71, 8.71); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.369 W/kg

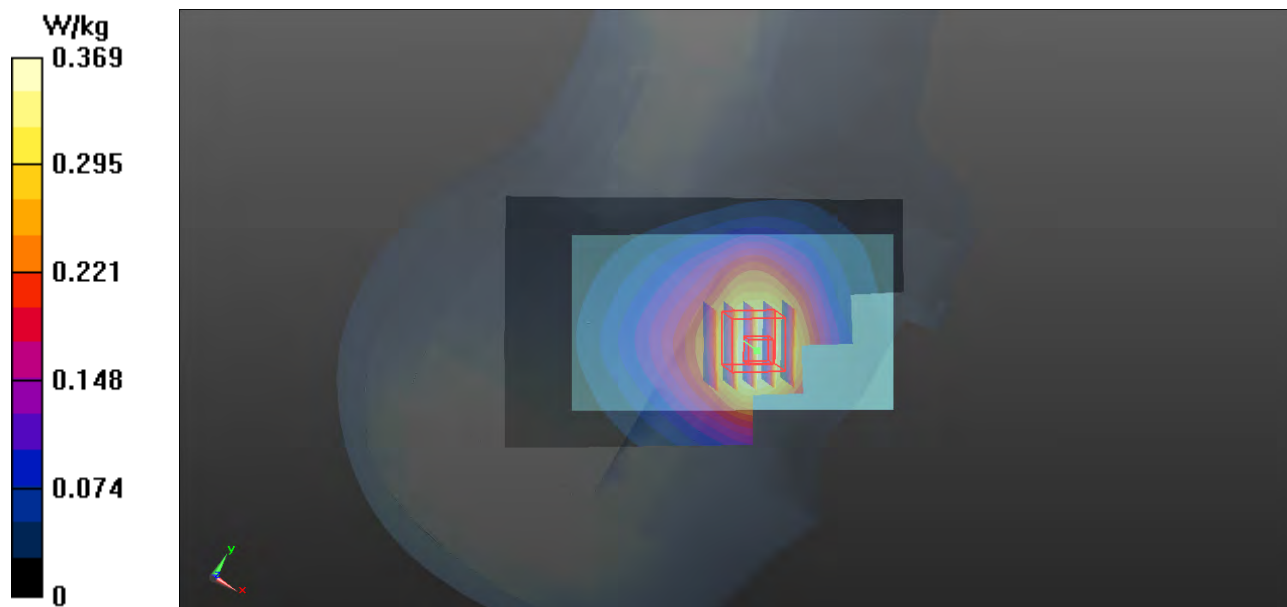
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.795 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.416 mW/g

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.376 W/kg



P002 CDMA2000 BC0_RC3+SO55_Right Tilted_Ch384**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: H835_1201 Medium parameters used: $f = 837$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 42.406$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.71, 8.71, 8.71); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.7 (6848)

Ch384/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.224 W/kg

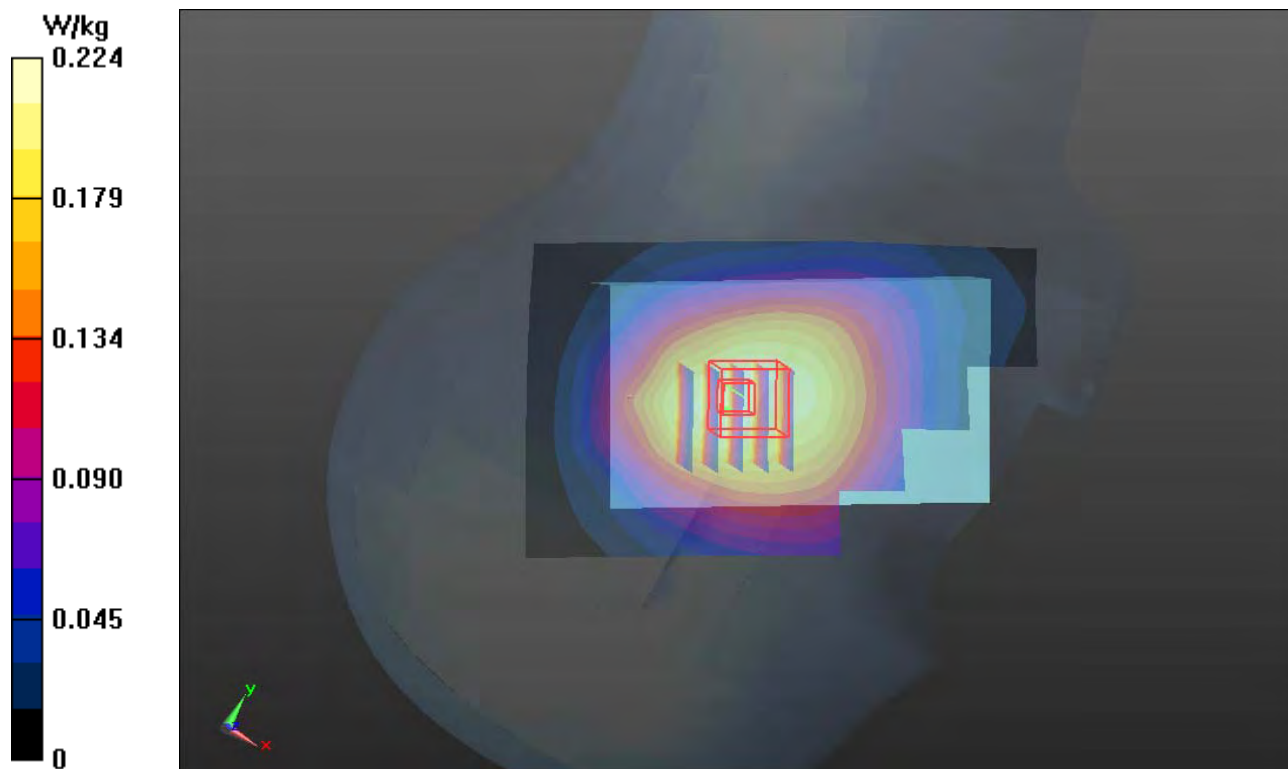
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.170 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.227 W/kg



P003 CDMA2000 BC0_RC3+SO55_Left Cheek_Ch384**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: H835_1201 Medium parameters used: $f = 837$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 42.406$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.71, 8.71, 8.71); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.7 (6848)

Ch384/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.653 W/kg

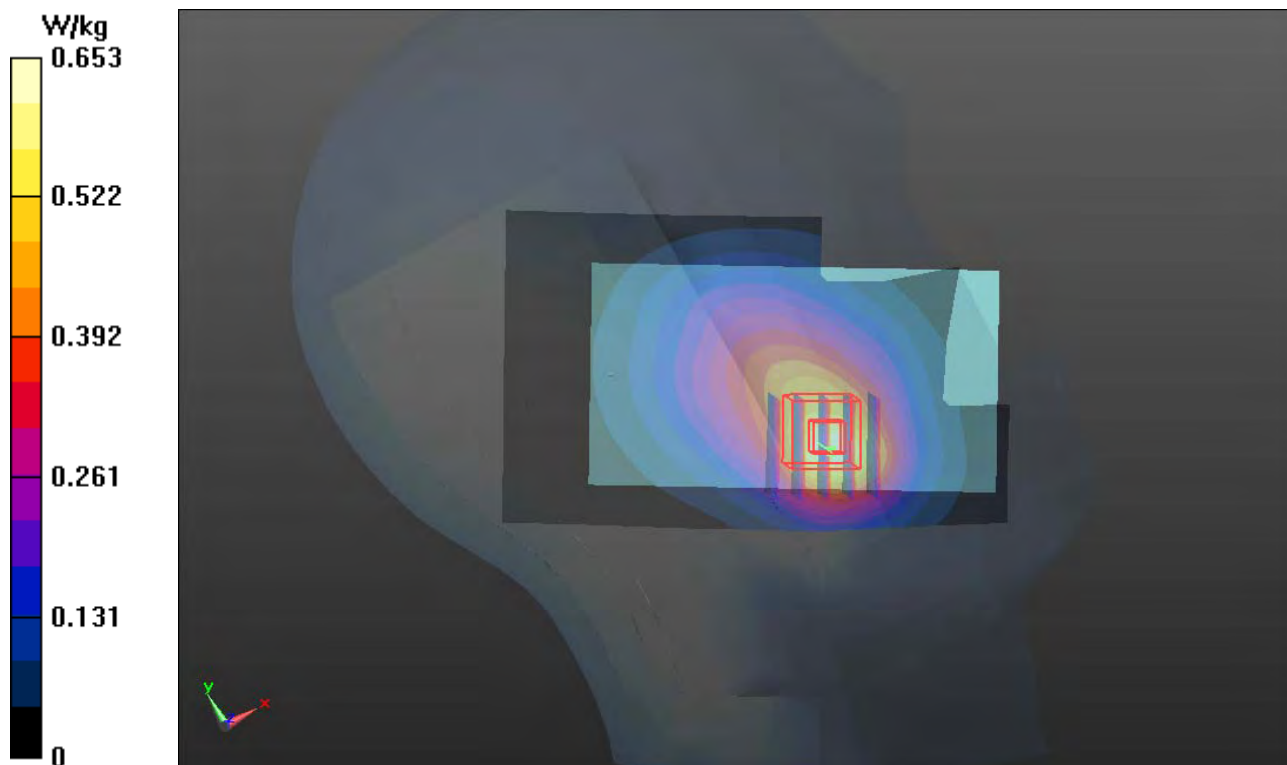
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

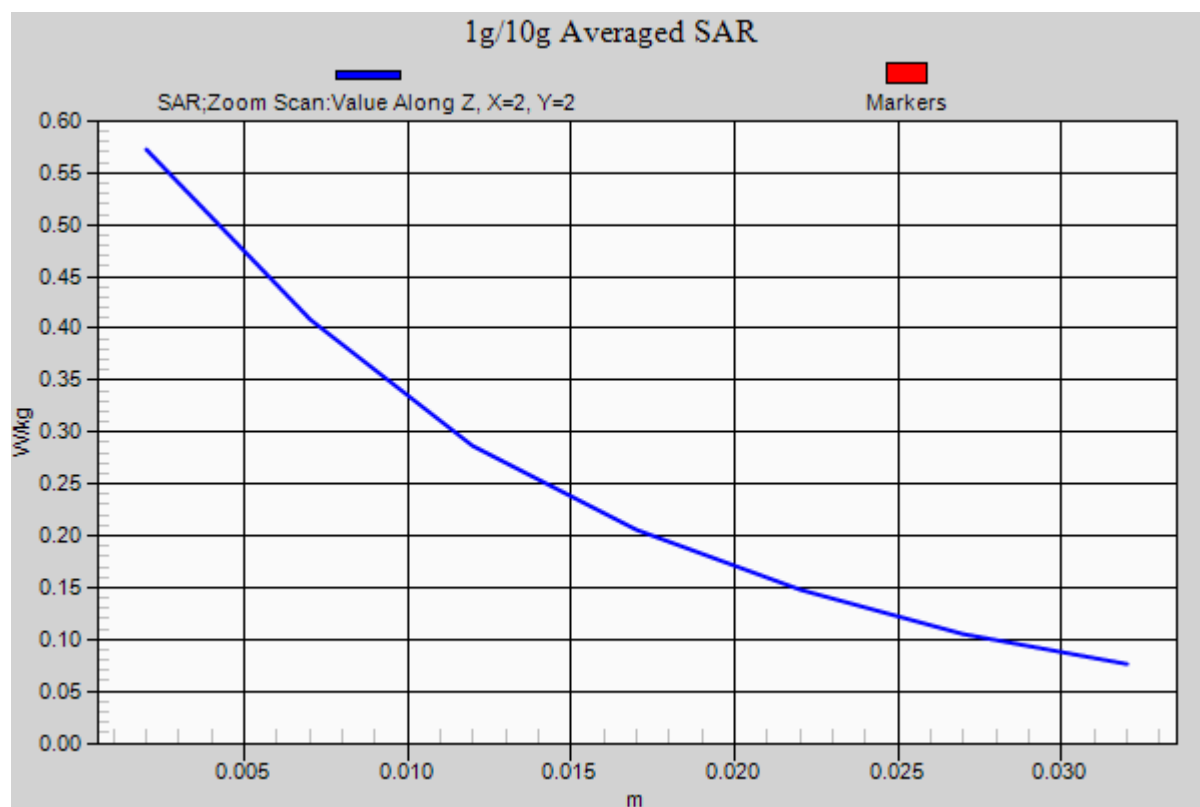
Reference Value = 9.273 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.667 W/kg

SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.572 W/kg





P004 CDMA2000 BC0_RC3+SO55_Left Tilted_Ch384**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: H835_1201 Medium parameters used: $f = 837$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 42.406$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.71, 8.71, 8.71); Calibrated: 2012/06/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.7 (6848)

Ch384/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.268 W/kg

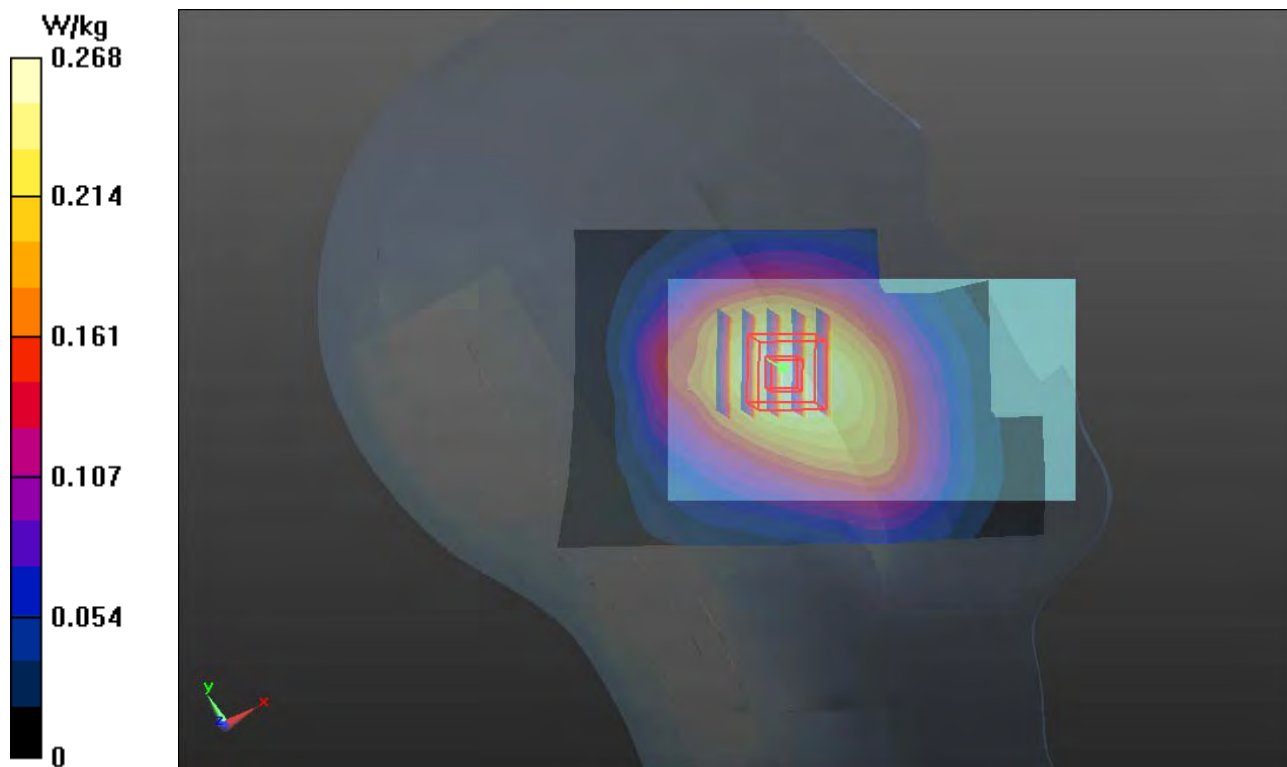
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.402 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.263 W/kg



P101 CDMA2000 BC1_RC3+SO55_Right Cheek_Ch1175**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: H1900_1202 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 40.401$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.61, 7.61, 7.61); Calibrated: 2012/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.467 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.274 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.475 W/kg

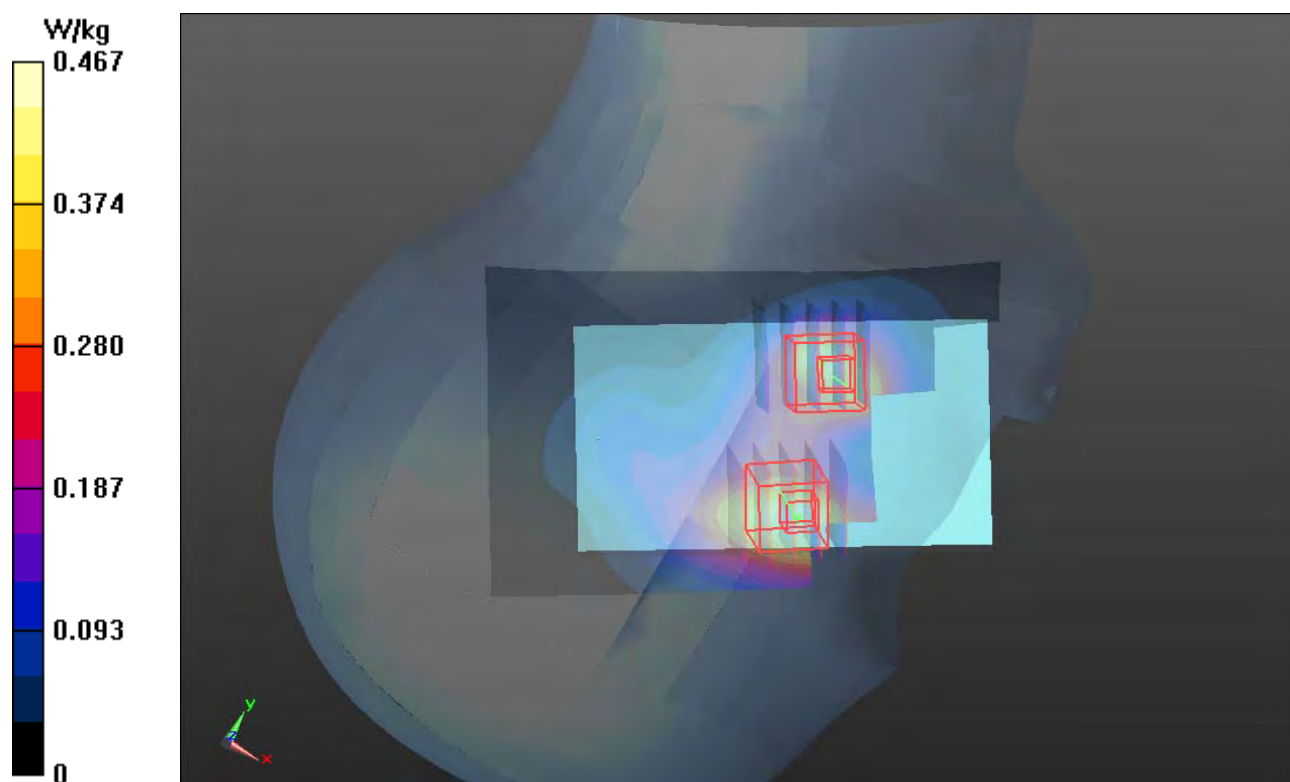
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.274 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.355 W/kg



P102 CDMA2000 BC1_RC3+SO55_Right Tilted_Ch1175**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: H1900_1202 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 40.401$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.61, 7.61, 7.61); Calibrated: 2012/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.302 W/kg

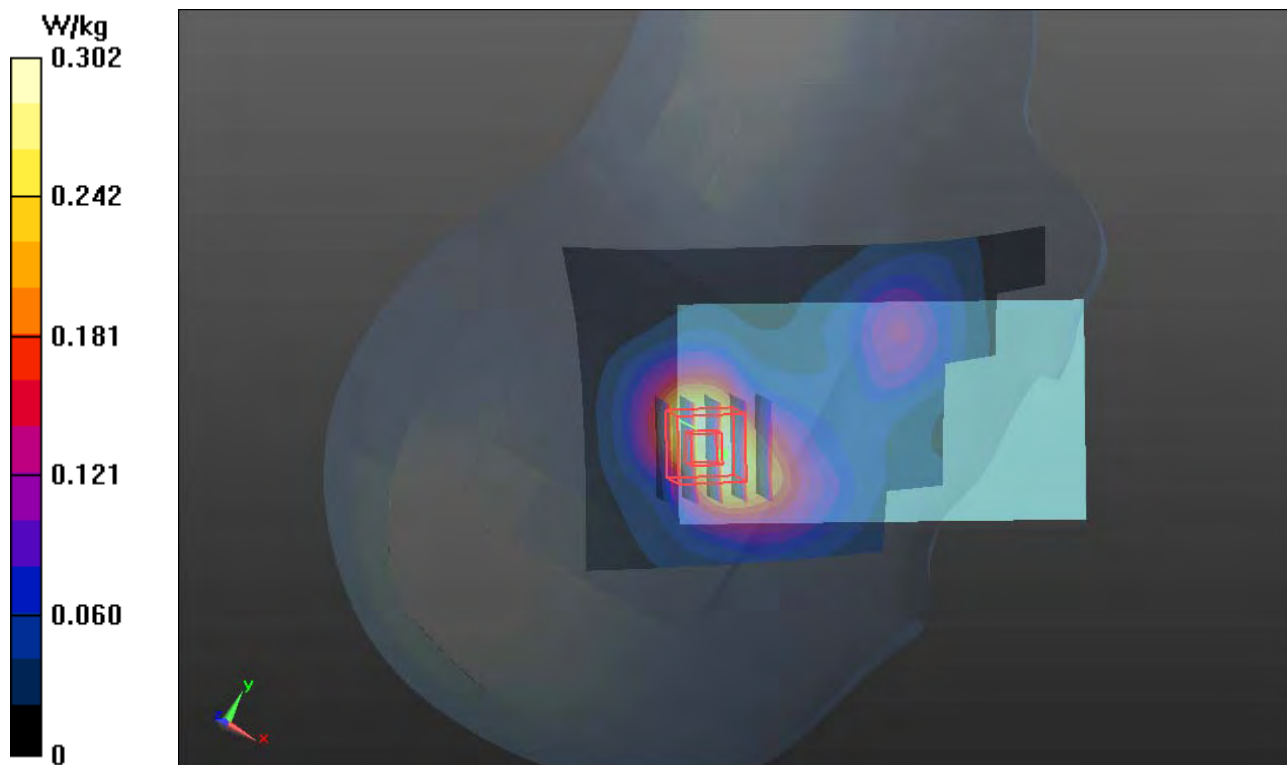
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.253 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 0.290 W/kg



P103 CDMA2000 BC1_RC3+SO55_Left Cheek_Ch1175**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: H1900_1203 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 40.261$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.850 W/kg

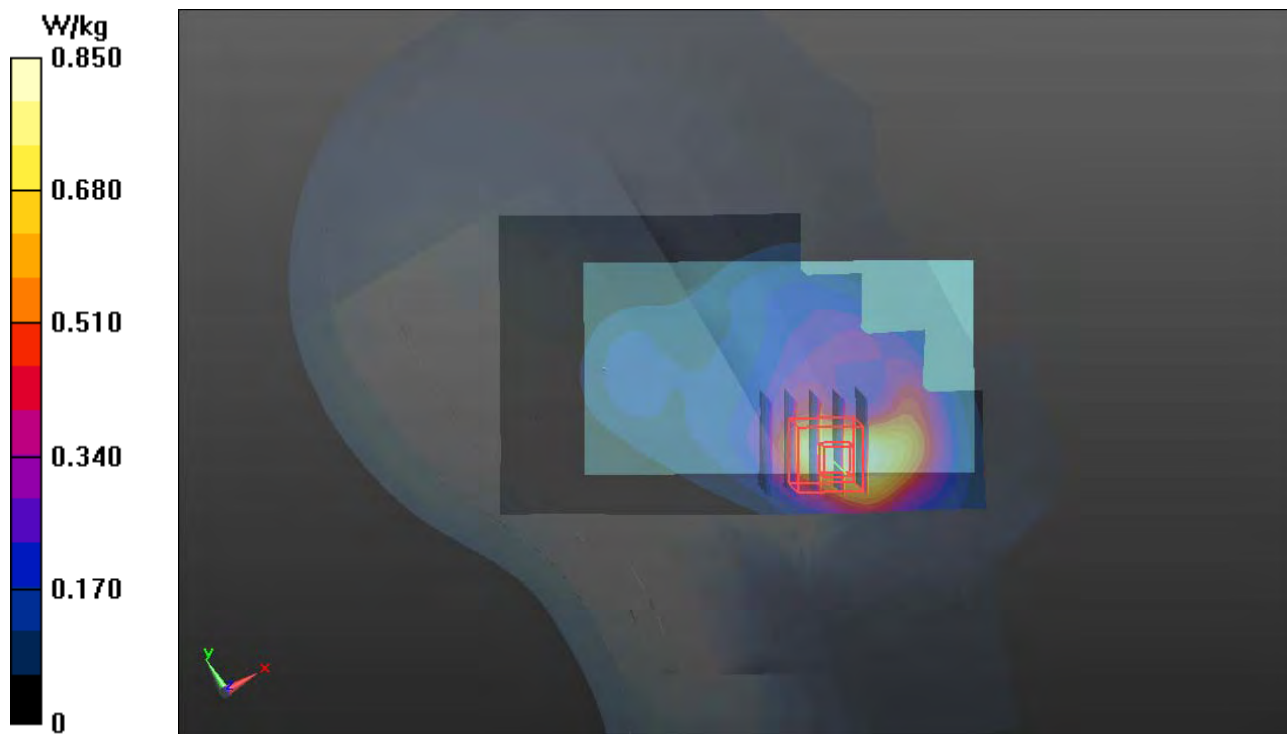
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

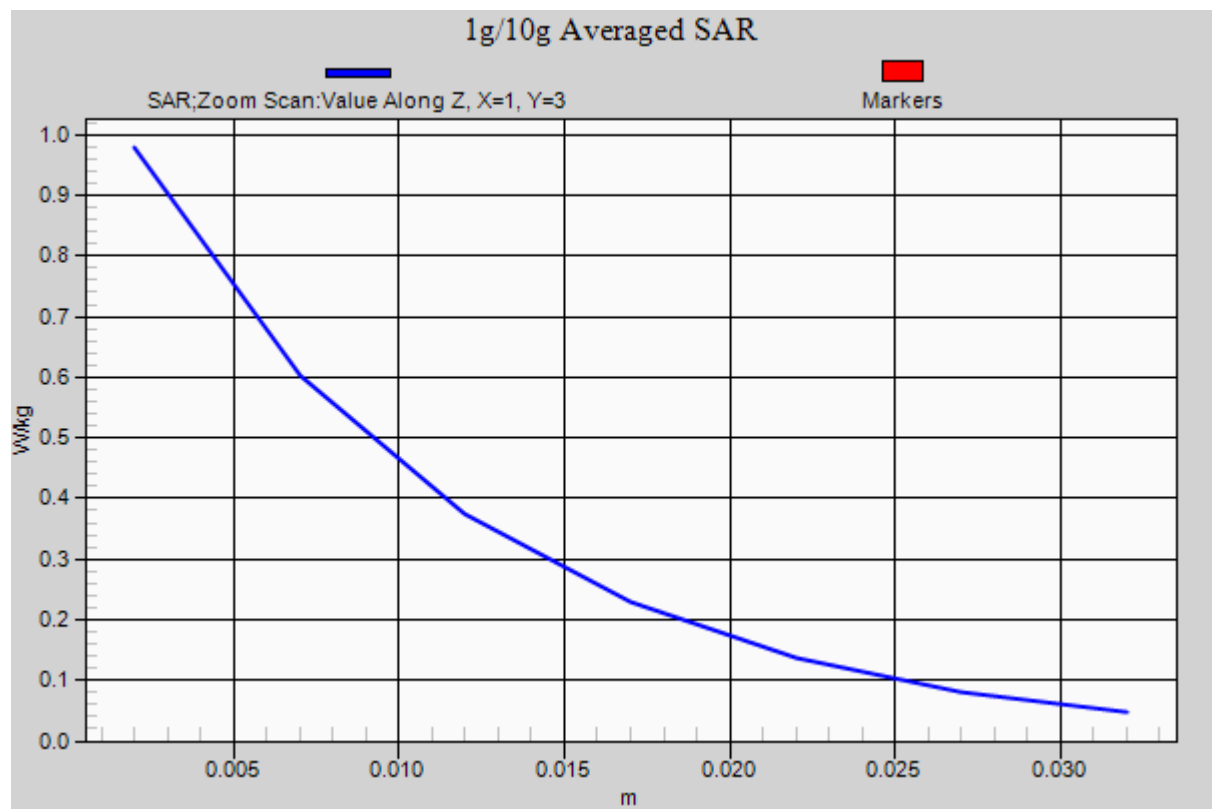
Reference Value = 10.425 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.418 W/kg

Maximum value of SAR (measured) = 0.978 W/kg





P104 CDMA2000 BC1_RC3+SO55_Left Tilted_Ch1175**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: H1900_1202 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 40.401$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.61, 7.61, 7.61); Calibrated: 2012/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.303 W/kg

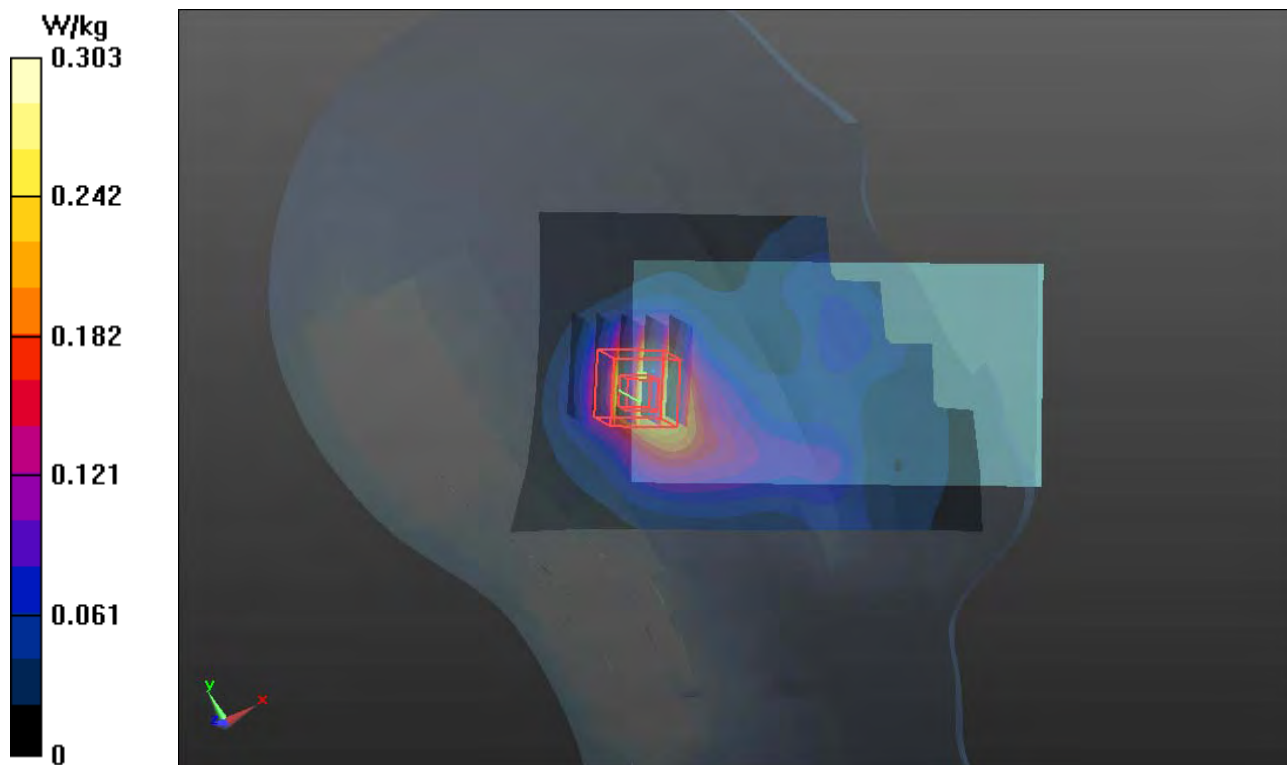
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.837 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (measured) = 0.305 W/kg



P302 LTE 25_QPSK_10M_Right Cheek_Ch26365_1 RB_offset 0**DUT: 121012C09**

Communication System: LTE ; Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium: H1900_1203 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.396$ mho/m; $\epsilon_r = 40.361$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.860 W/kg

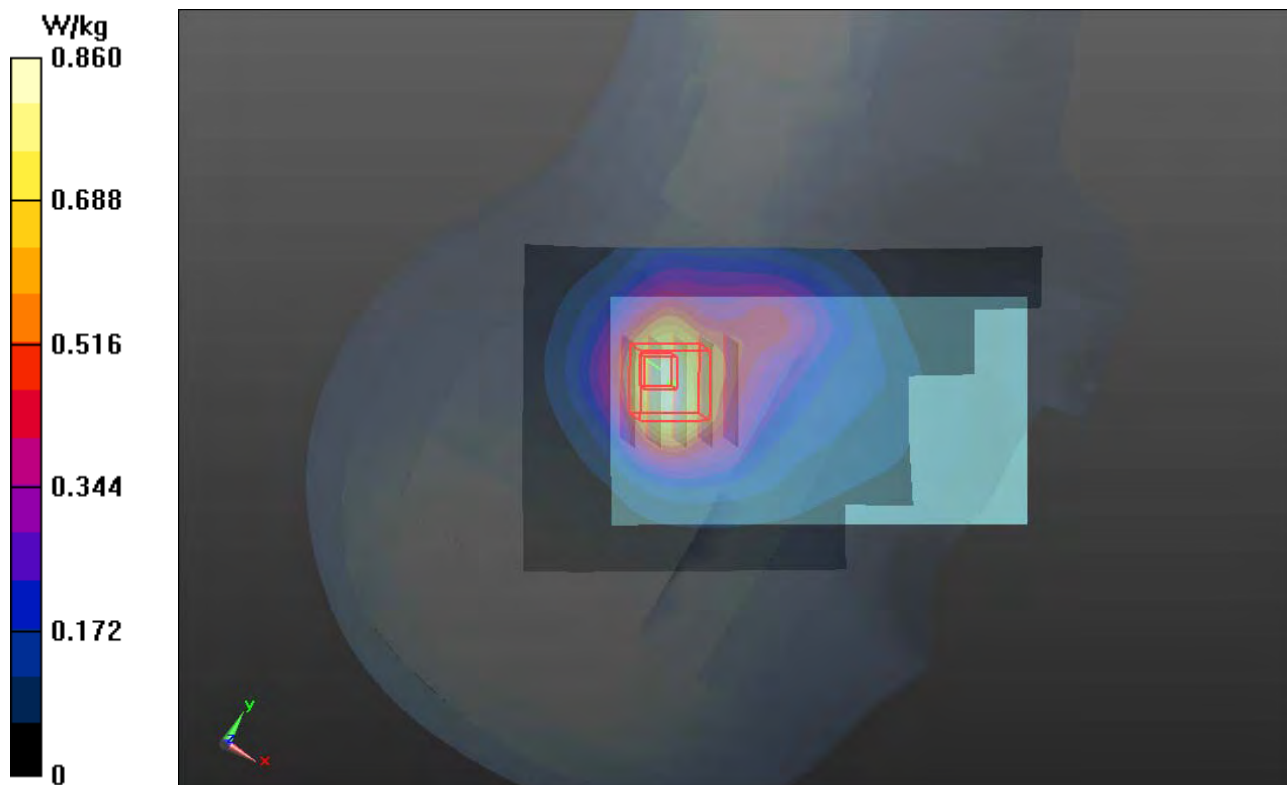
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.080 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 0.784 W/kg



P305 LTE 25_QPSK_10M_Right Tilted_Ch26365_1 RB_offset 0**DUT: 121012C09**

Communication System: LTE ; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: H1900_1203 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.396$ mho/m; $\epsilon_r = 40.361$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.833 W/kg

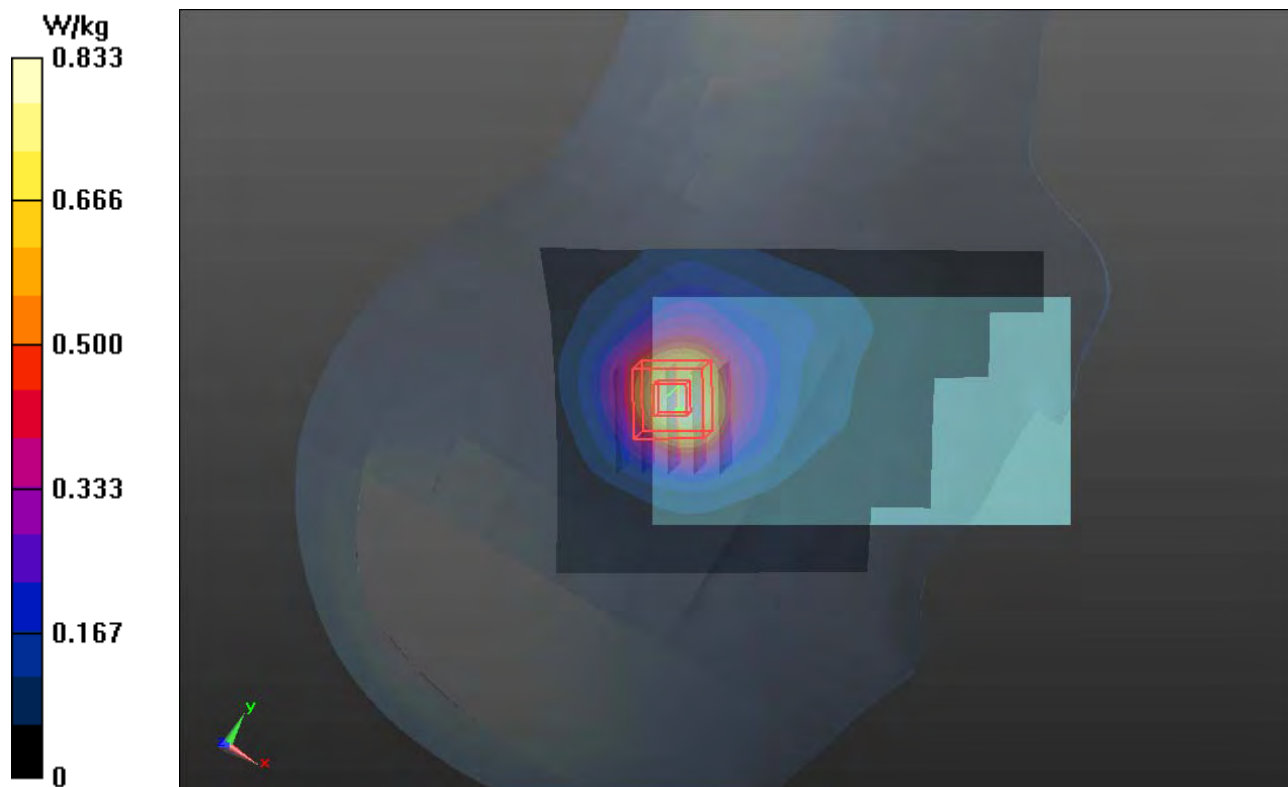
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.344 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.360 W/kg

Maximum value of SAR (measured) = 0.761 W/kg



P311 LTE 25_QPSK_10M_Left Tilted_Ch26365_1 RB_offset 0**DUT: 121012C09**

Communication System: LTE ; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: H1900_1203 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.396$ mho/m; $\epsilon_r = 40.361$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.859 W/kg

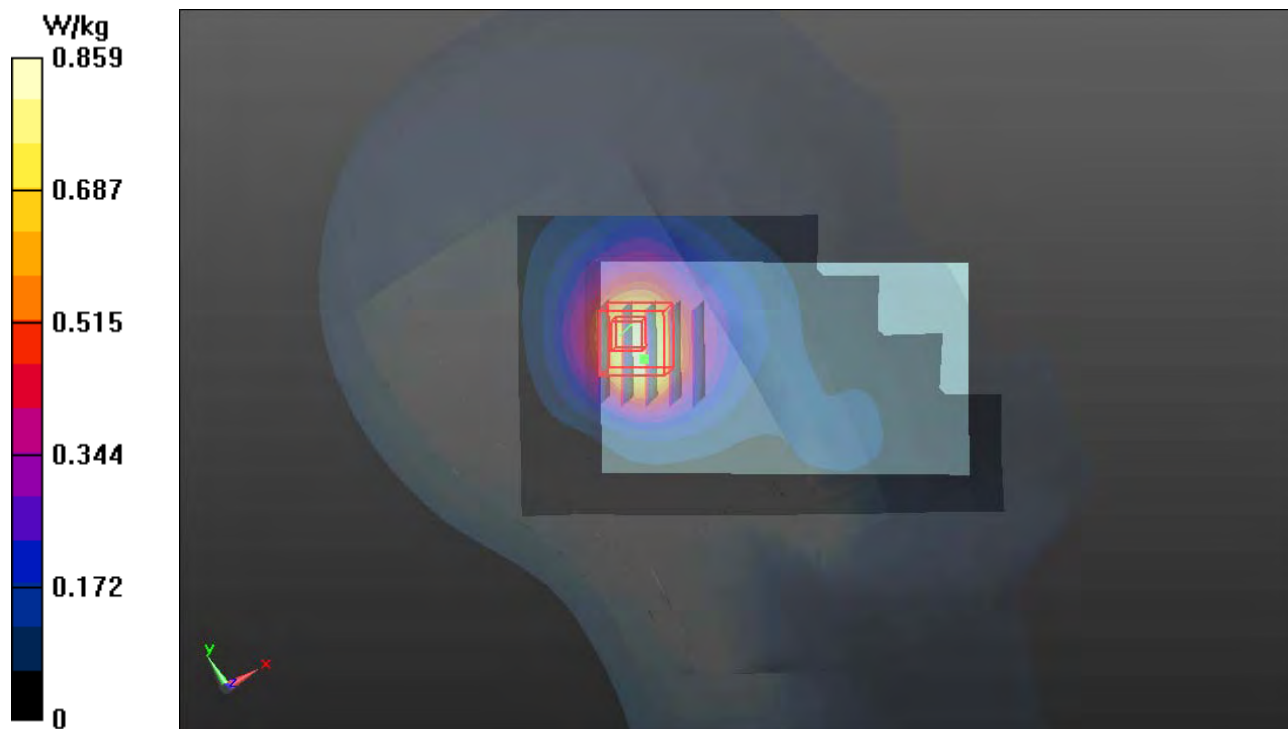
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.515 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 0.814 W/kg



P309 LTE 25_QPSK_10M_Left Cheek_Ch26365_1 RB_offset 0**DUT: 121012C09**

Communication System: LTE ; Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium: H1900_1203 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.396$ mho/m; $\epsilon_r = 40.361$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.33 W/kg

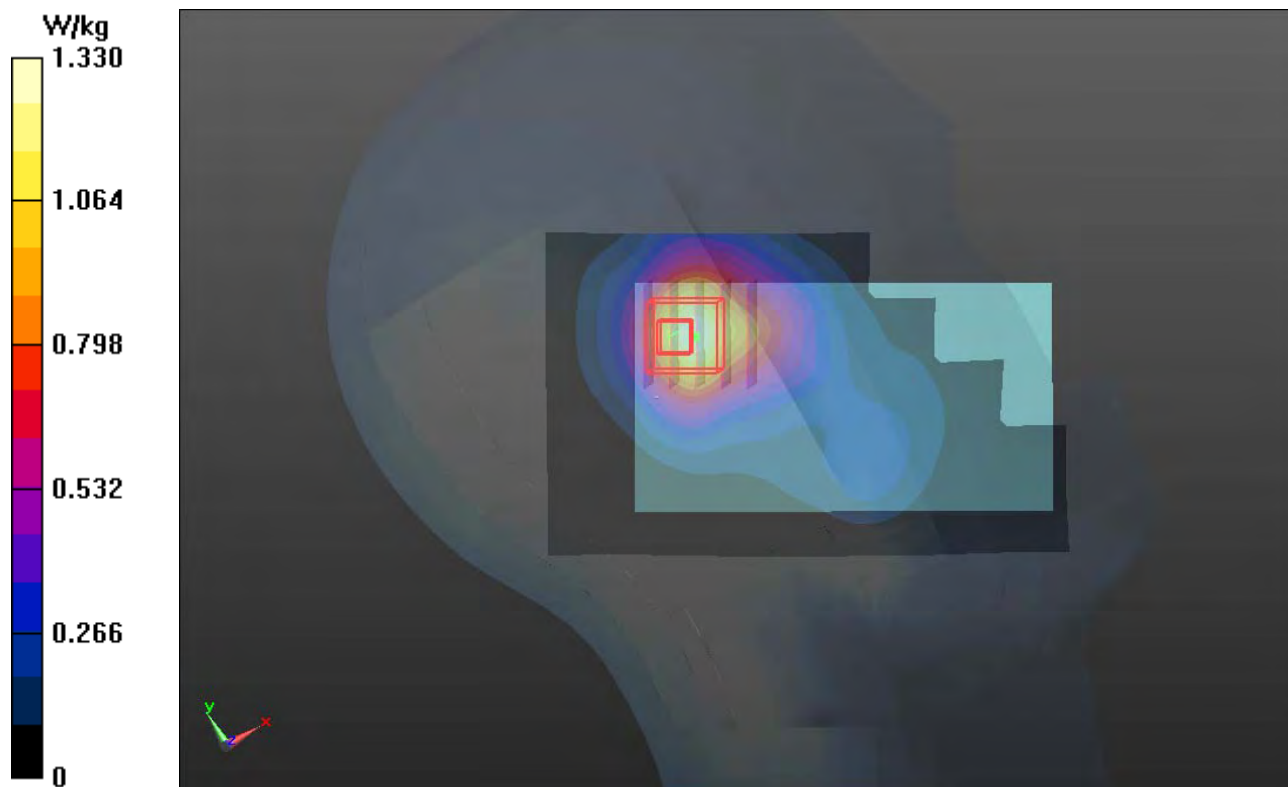
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

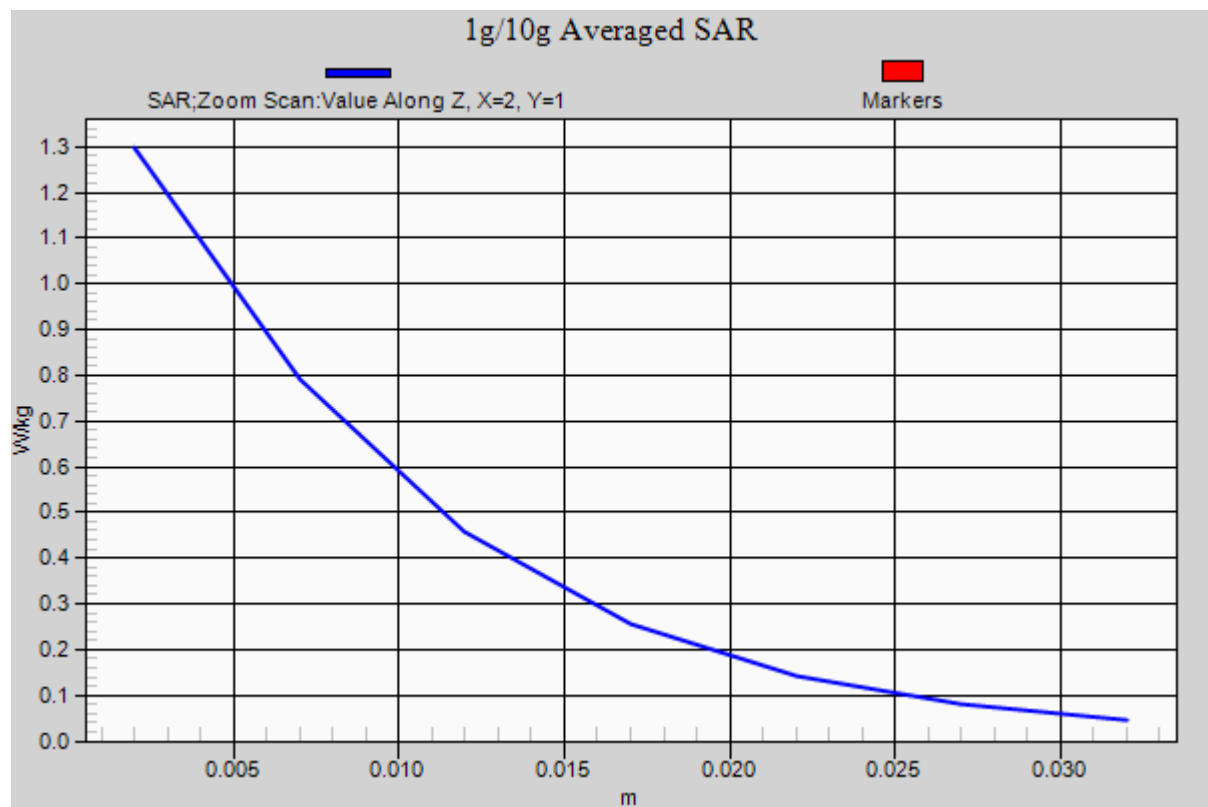
Reference Value = 20.166 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.524 W/kg

Maximum value of SAR (measured) = 1.30 W/kg





P320 LTE 25_16QAM_10M_Left Cheek_Ch26365_1 RB_offset 0**DUT: 121012C09**

Communication System: LTE ; Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium: H1900_1203 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.396$ mho/m; $\epsilon_r = 40.361$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.05 W/kg

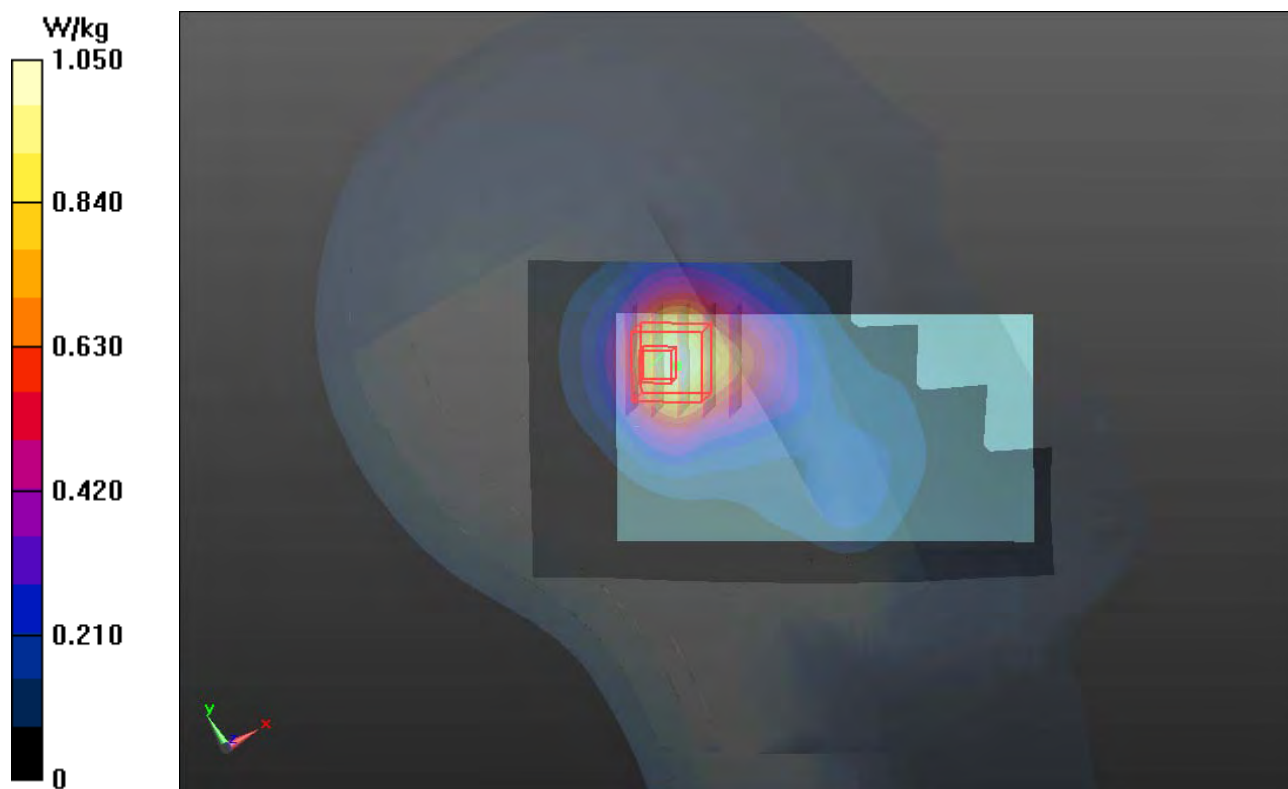
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

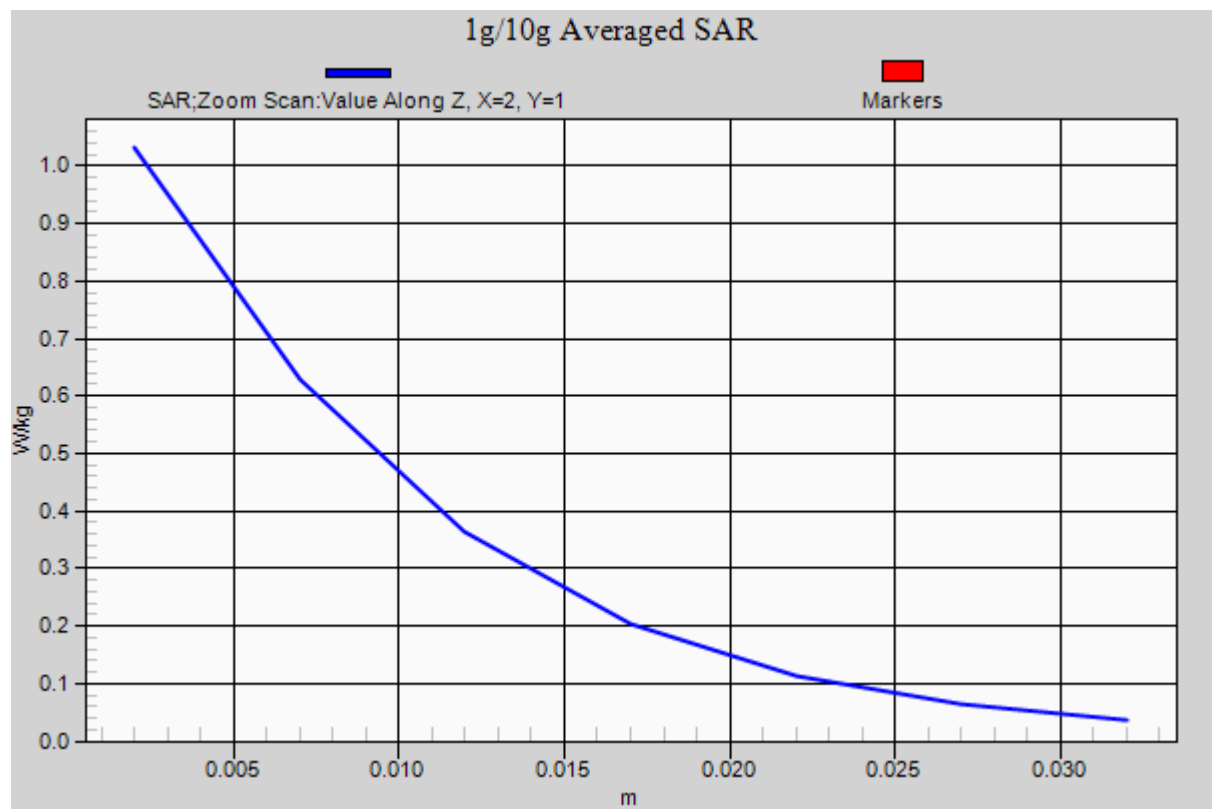
Reference Value = 17.575 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.419 W/kg

Maximum value of SAR (measured) = 1.03 W/kg





P314 LTE 25_16QAM_10M_Right Cheek_Ch26365_1 RB_offset 0**DUT: 121012C09**

Communication System: LTE ; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: H1900_1203 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.396$ mho/m; $\epsilon_r = 40.361$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.684 W/kg

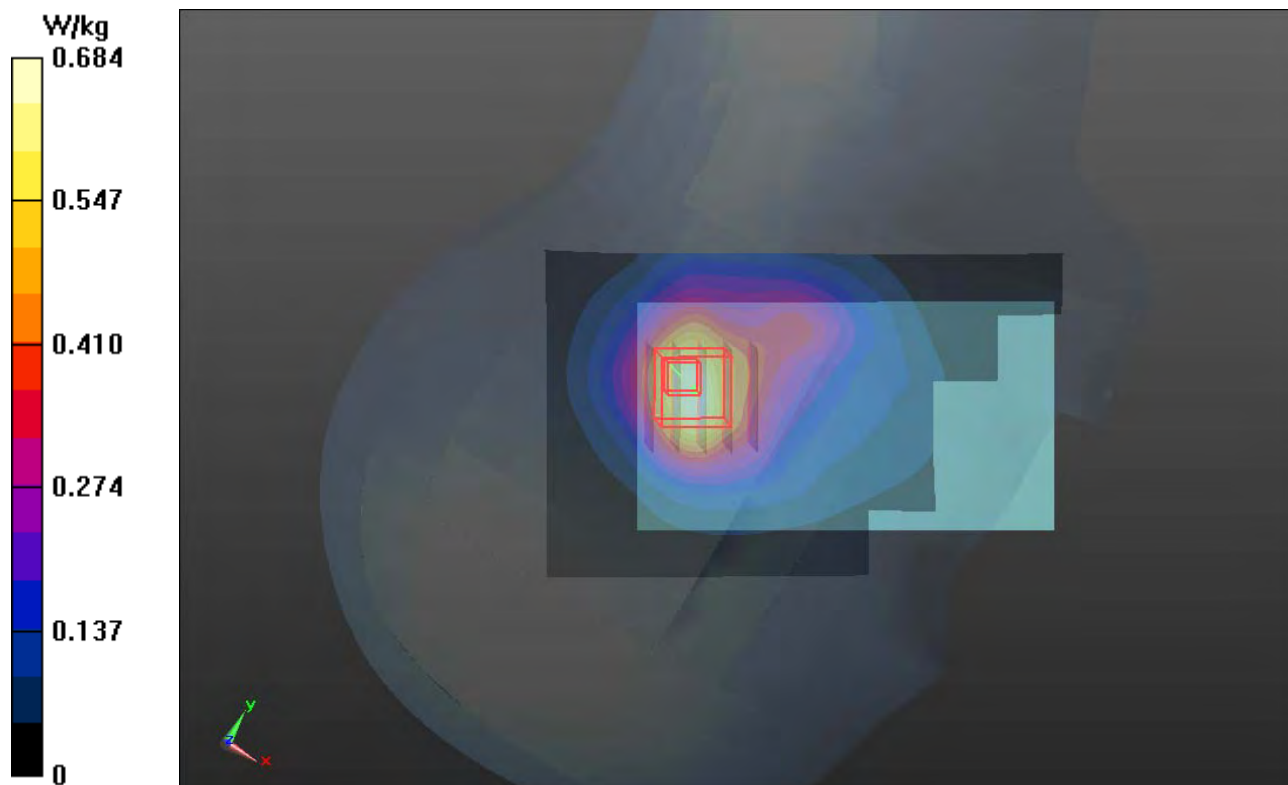
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.852 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.296 W/kg

Maximum value of SAR (measured) = 0.623 W/kg



P317 LTE 25_16QAM_10M_Right Tilted_Ch26365_1 RB_offset 0**DUT: 121012C09**

Communication System: LTE ; Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium: H1900_1203 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.396$ mho/m; $\epsilon_r = 40.361$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.651 W/kg

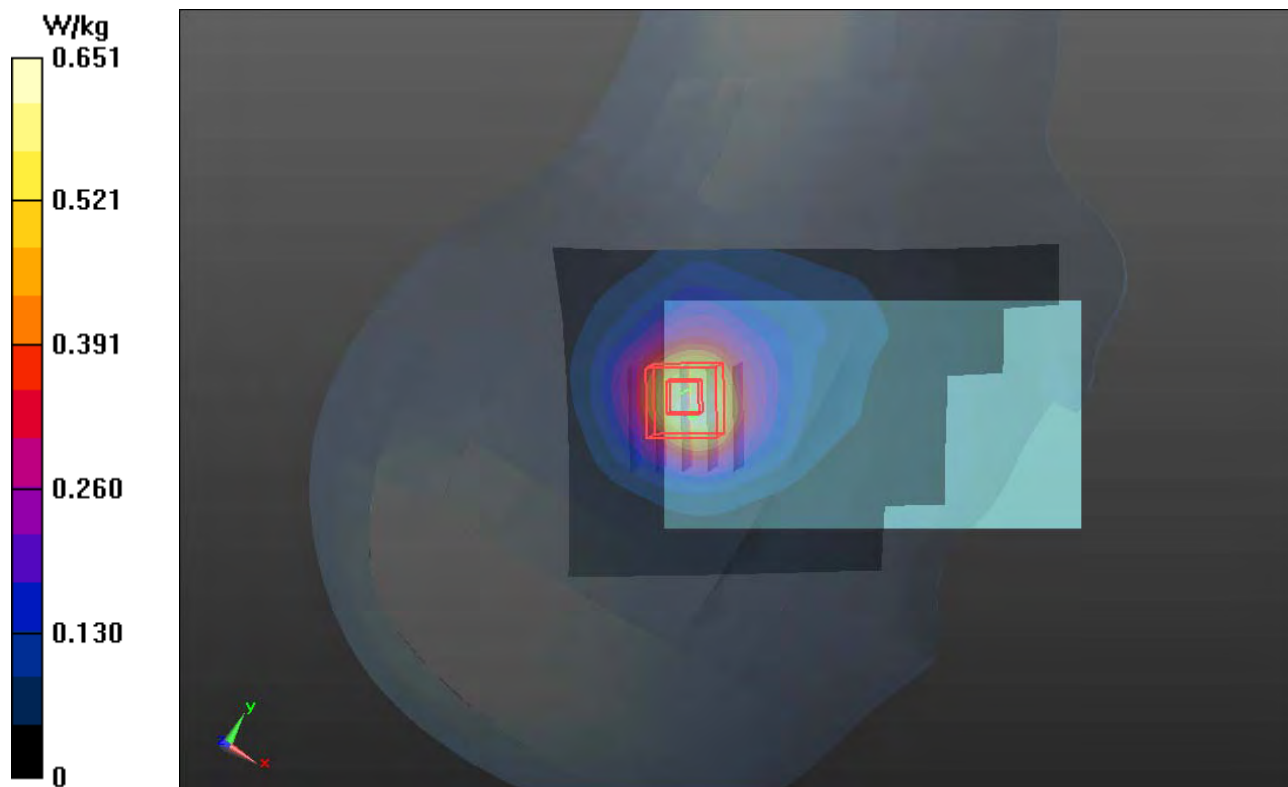
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.605 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.286 W/kg

Maximum value of SAR (measured) = 0.606 W/kg



P323 LTE 25_16QAM_10M_Left Tilted_Ch26365_1 RB_offset 0**DUT: 121012C09**

Communication System: LTE ; Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium: H1900_1203 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.396$ mho/m; $\epsilon_r = 40.361$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.647 W/kg

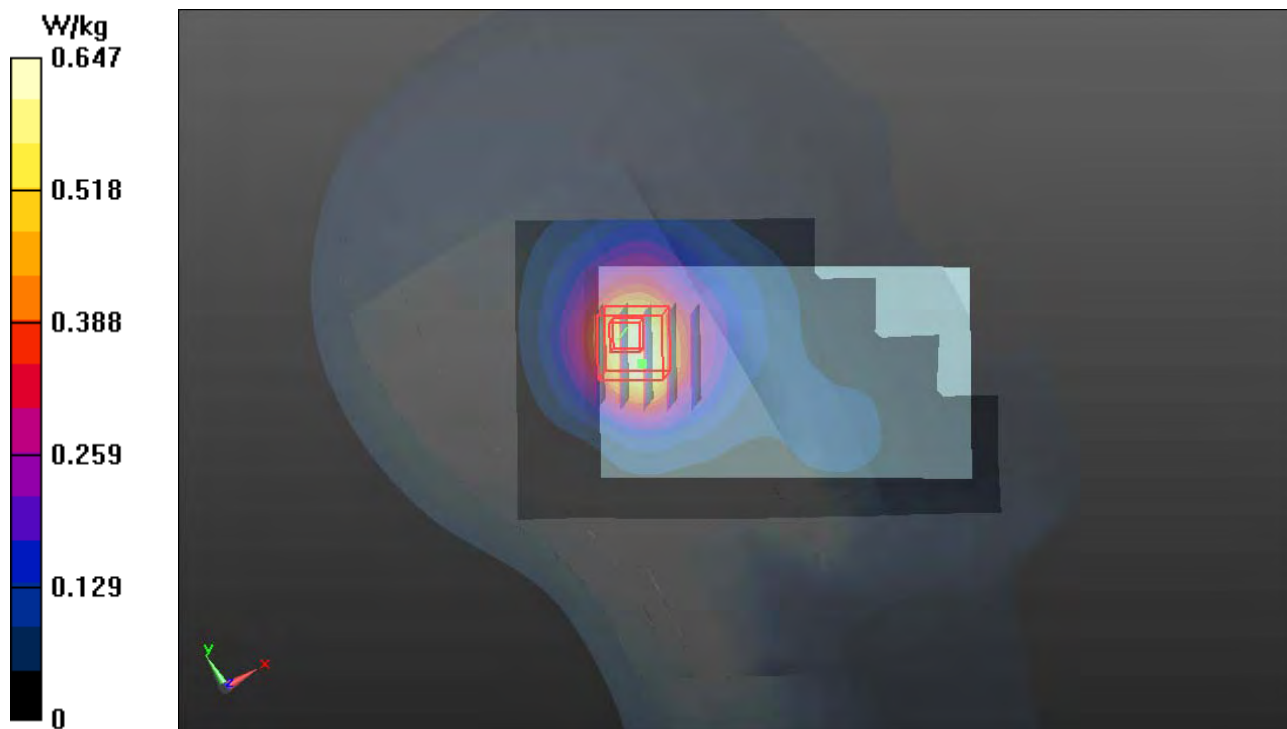
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.820 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.795 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 0.645 W/kg



P401 802.11b_Right Cheek_Ch1**DUT: 121012C09**

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

Medium: H2450_1203 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ mho/m; $\epsilon_r = 40.863$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.28, 7.28, 7.28); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.184 W/kg

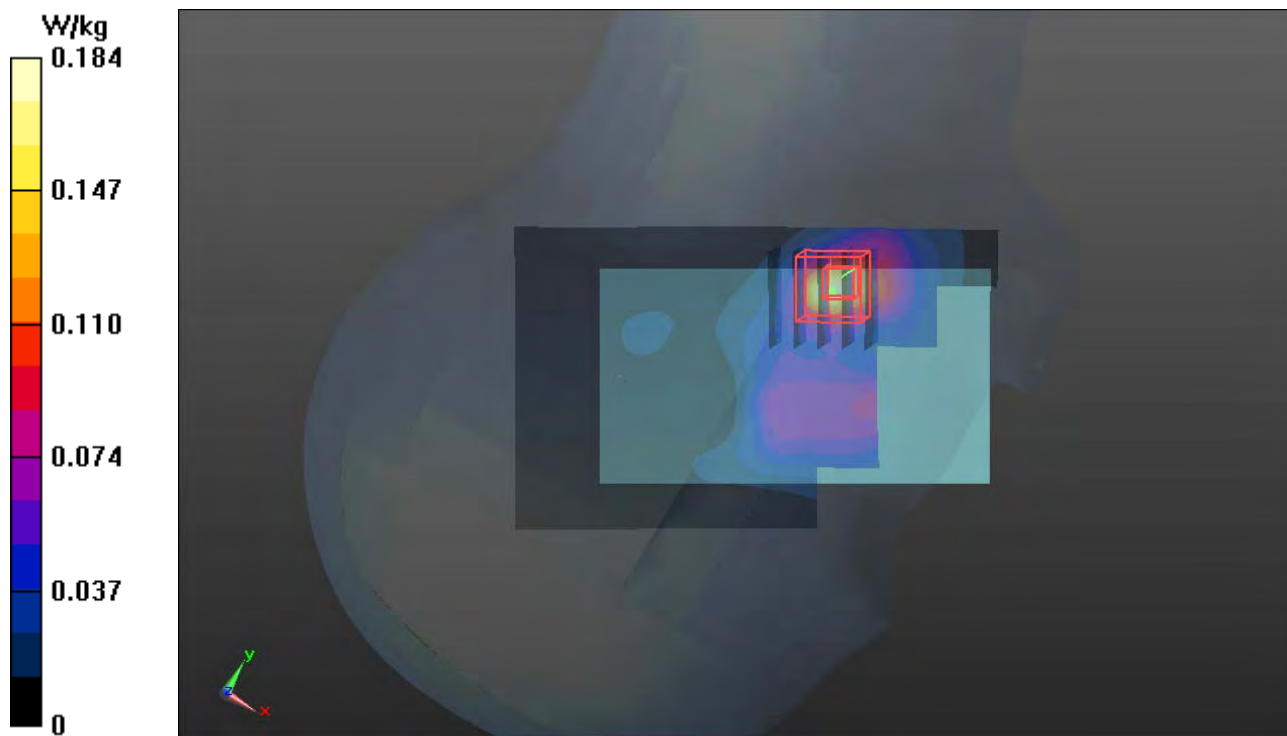
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.585 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.066 W/kg

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



P402 802.11b_Right Tilted_Ch1**DUT: 121012C09**

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

Medium: H2450_1203 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ mho/m; $\epsilon_r = 40.863$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.28, 7.28, 7.28); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0486 W/kg

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

Reference Value = 4.401 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0459 W/kg

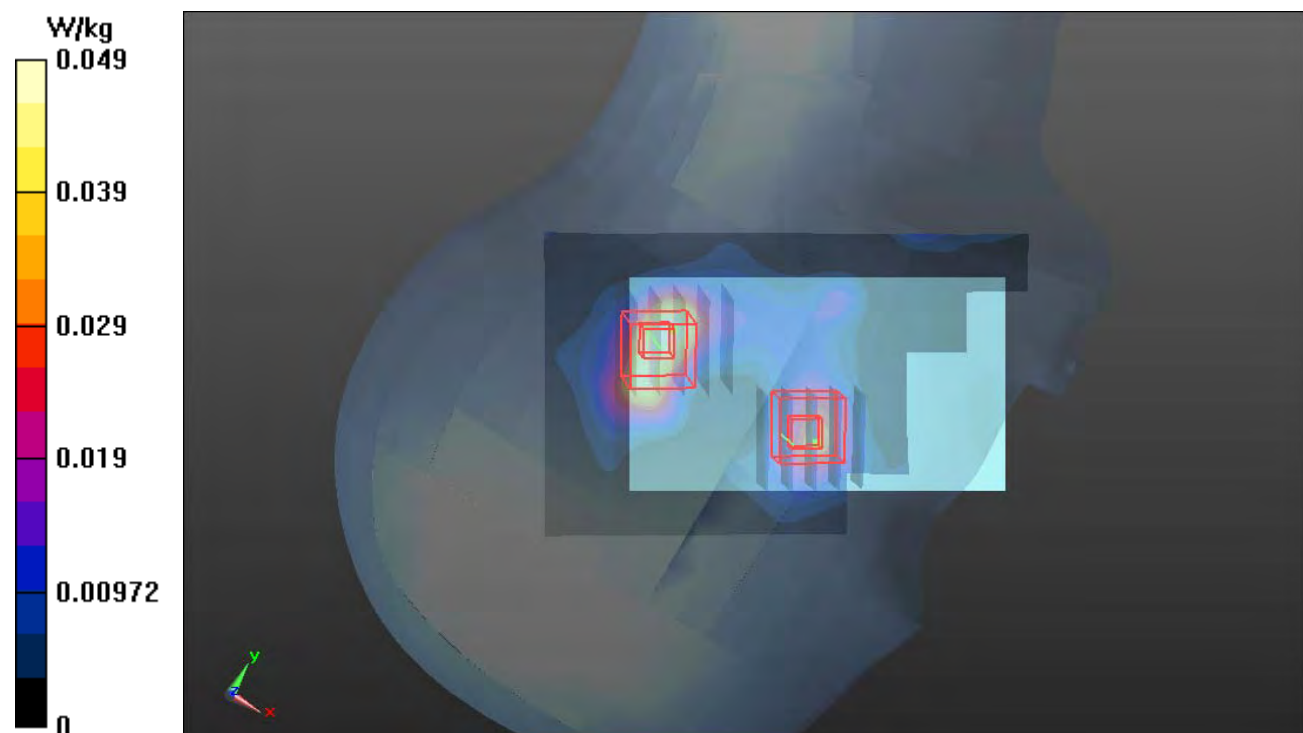
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.401 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.0310 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00931 W/kg

Maximum value of SAR (measured) = 0.0262 W/kg



P403 802.11b_Left Cheek_Ch1**DUT: 121012C09**

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

Medium: H2450_1203 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ mho/m; $\epsilon_r = 40.863$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.28, 7.28, 7.28); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

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

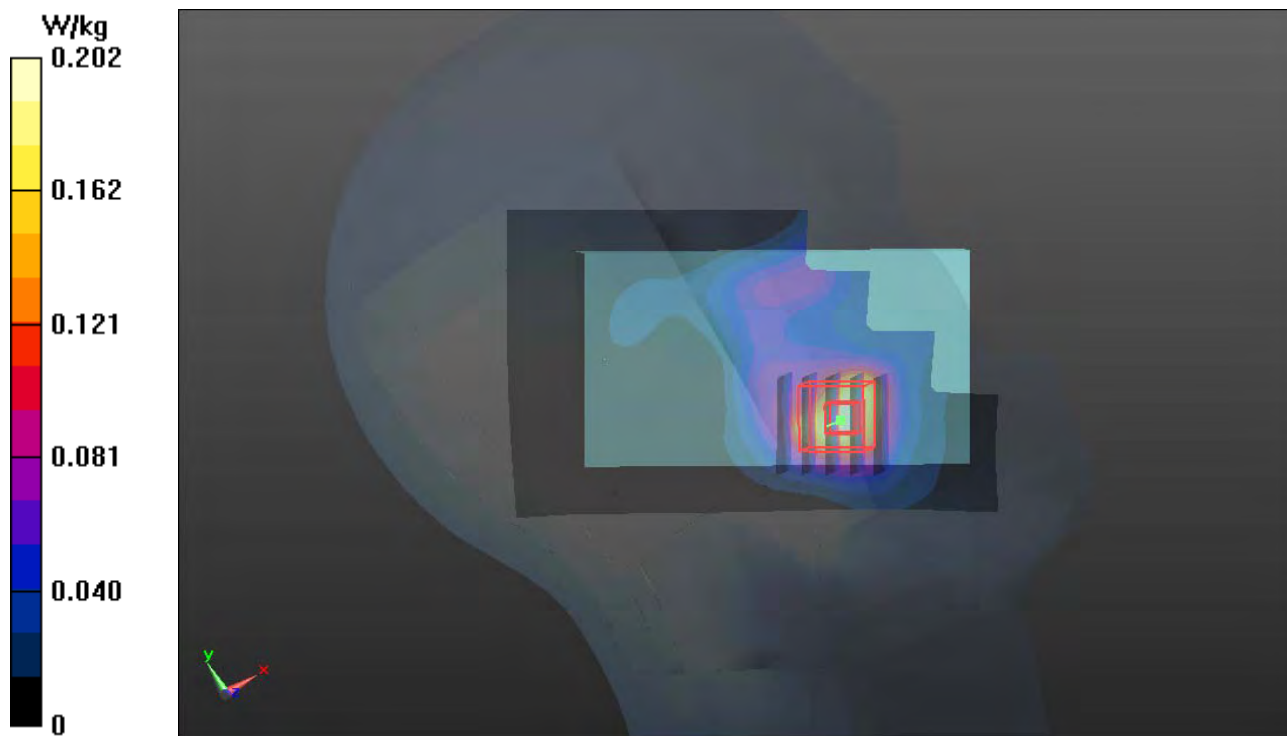
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

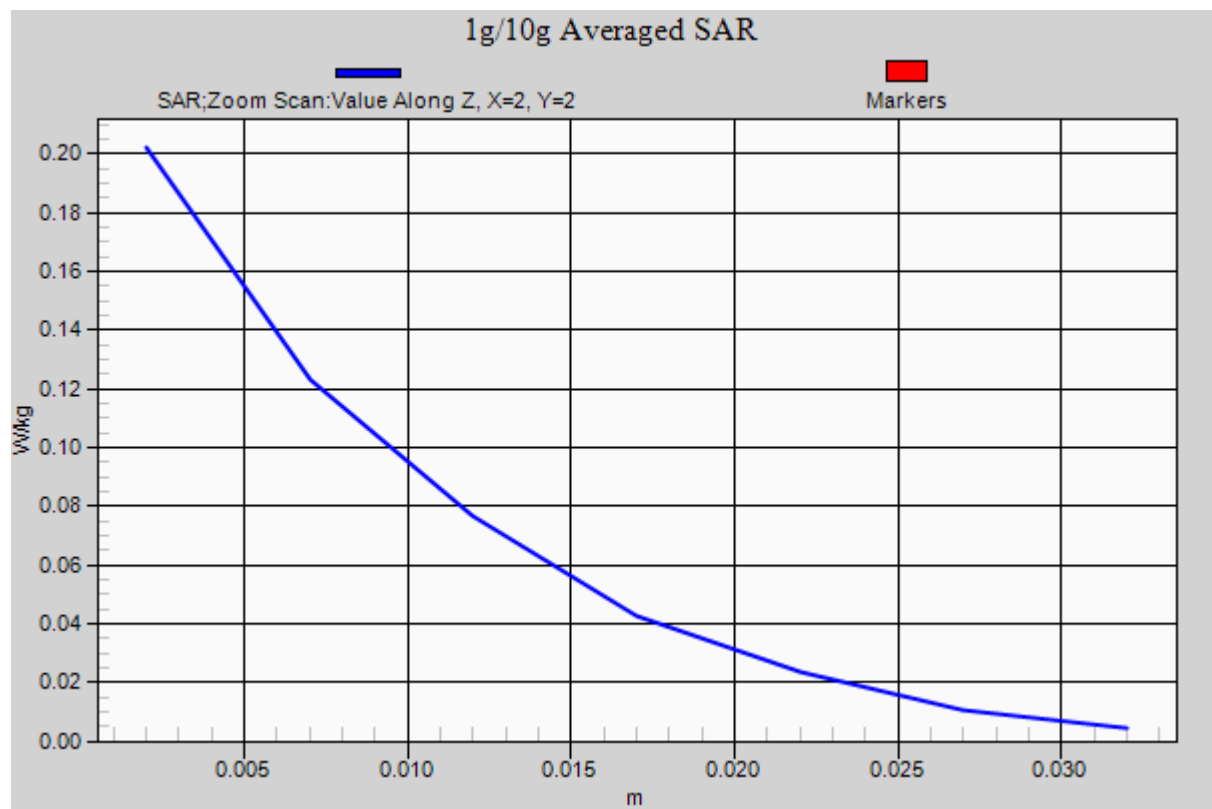
Reference Value = 2.433 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.079 W/kg

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





P404 802.11b_Left Tilted_Ch1**DUT: 121012C09**

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

Medium: H2450_1203 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ mho/m; $\epsilon_r = 40.863$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.28, 7.28, 7.28); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0669 W/kg

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

Reference Value = 4.553 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0580 W/kg

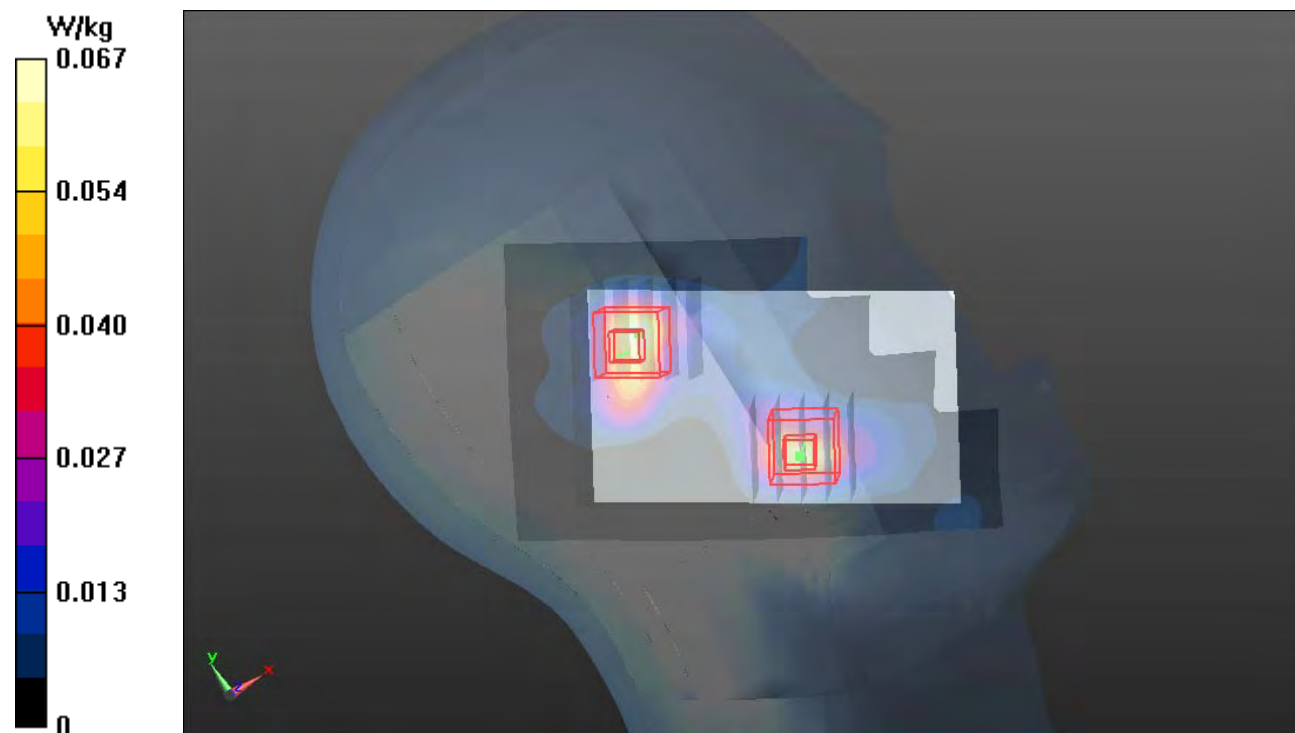
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.553 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0450 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0363 W/kg



P205 CDMA2000 BC10_RC3+SO32_Front Face_1cm_Ch684**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch684/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.472 mW/g

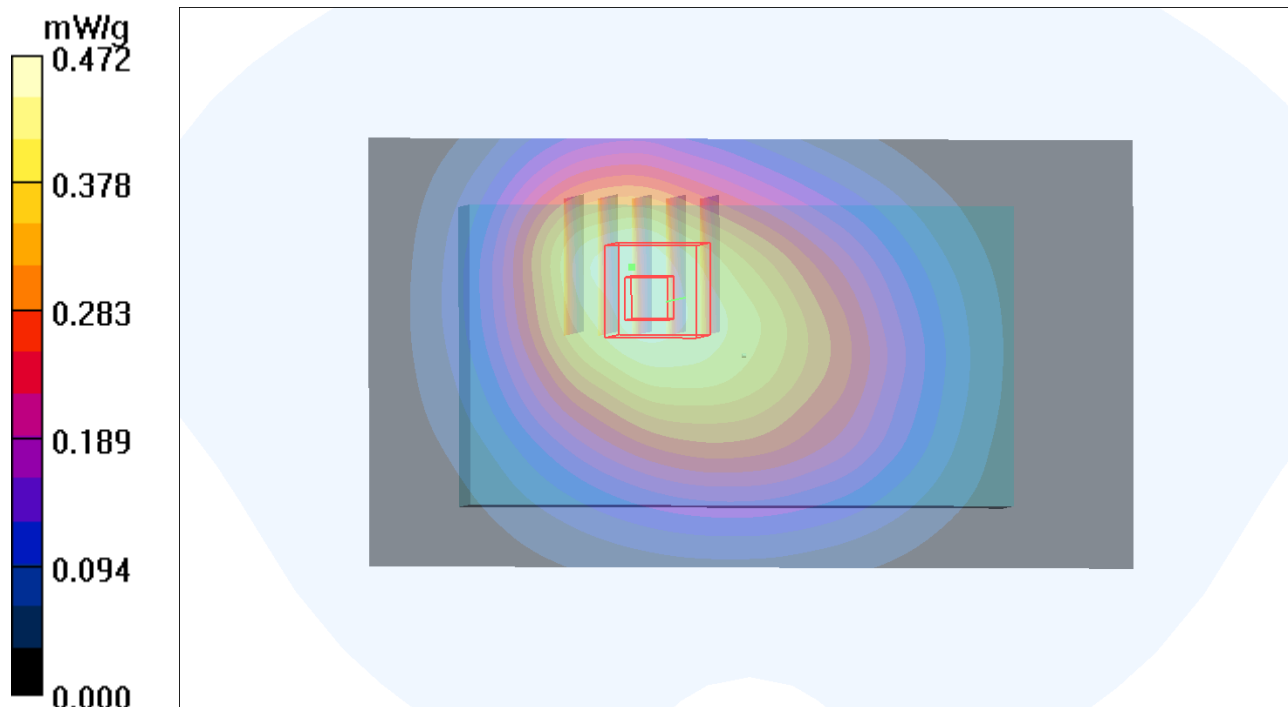
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.3 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.516 W/kg

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.460 mW/g



P206 CDMA2000 BC10_RC3+SO32_Rear Face_1cm_Ch684**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch684/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.934 mW/g

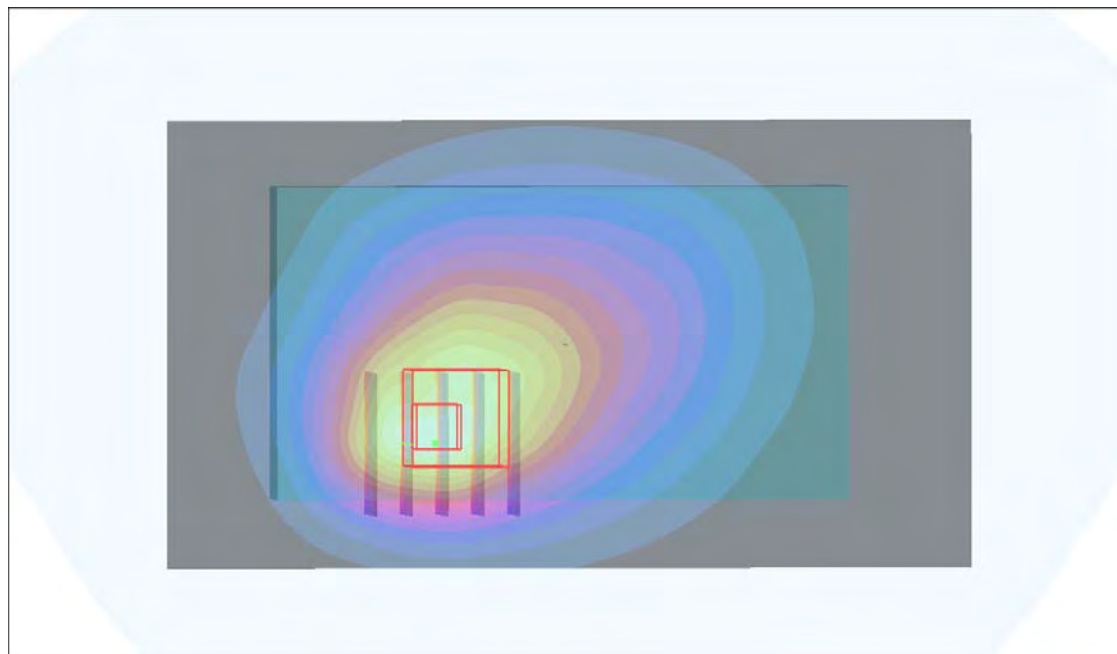
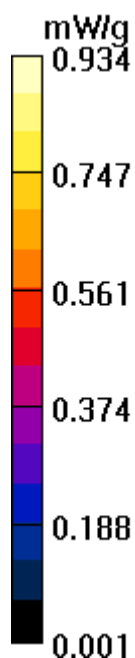
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.7 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 1.16 W/kg

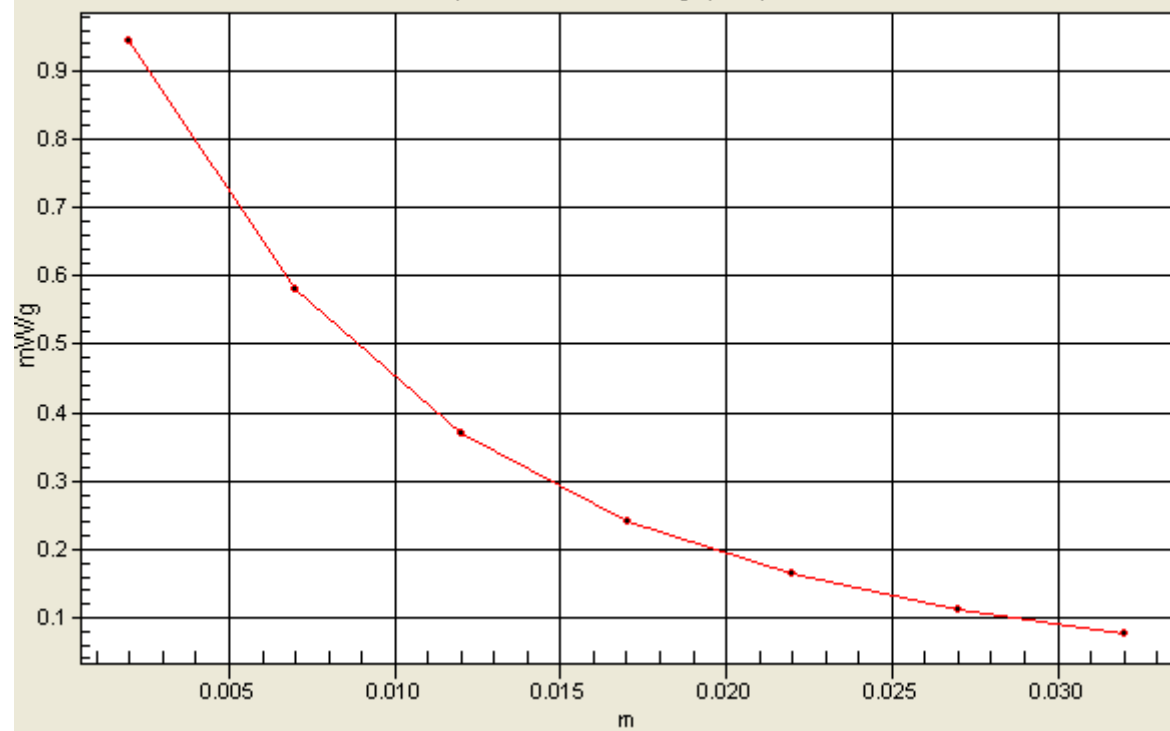
SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.487 mW/g

Maximum value of SAR (measured) = 0.943 mW/g



1g/10g Averaged SAR

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



P207 CDMA2000 BC10_RC3+SO32_Left Side_1cm_Ch684**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch684/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

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

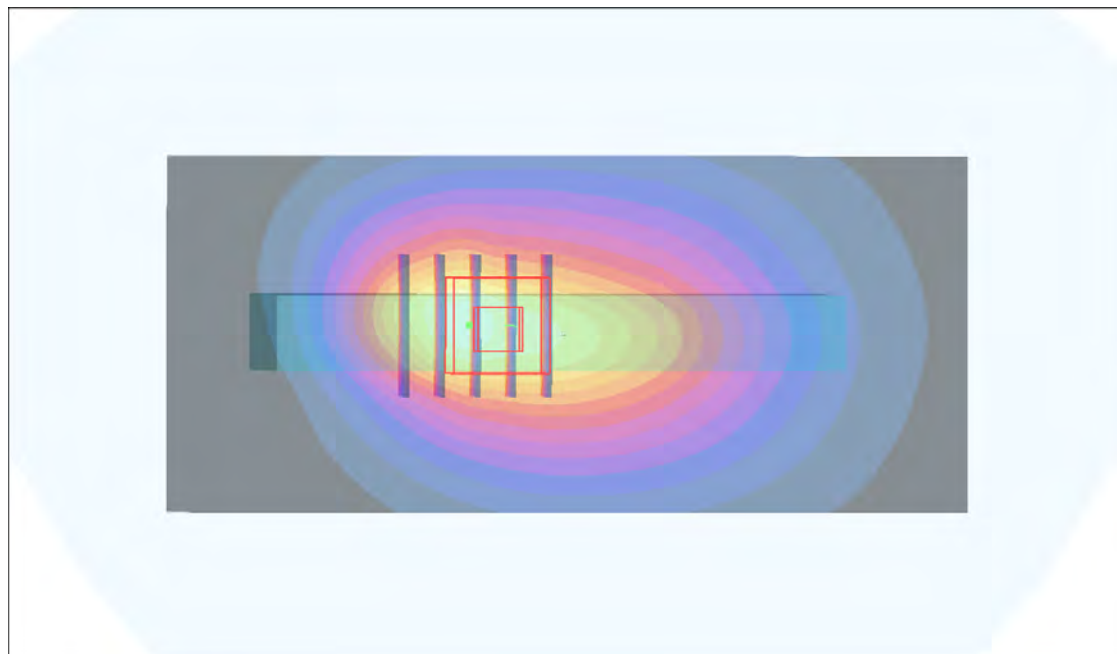
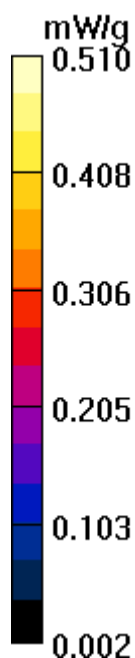
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.8 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.537 W/kg

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.273 mW/g

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



P208 CDMA2000 BC10_RC3+SO32_Bottom Side_1cm_Ch684**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch684/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.207 mW/g

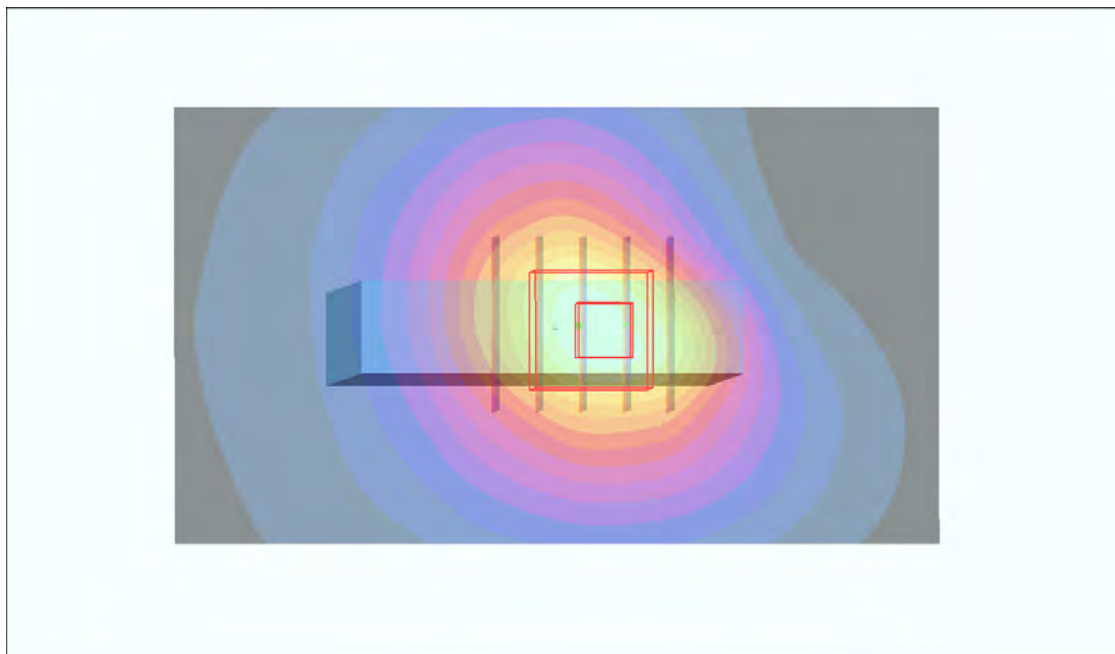
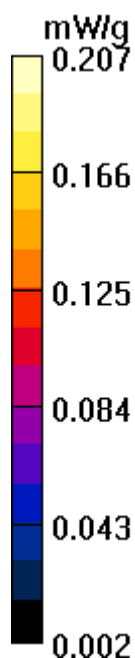
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.115 mW/g

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



P209 CDMA2000 BC10_RC3+SO32_Front Face_1cm_Ch684_Earphone**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch684/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.369 mW/g

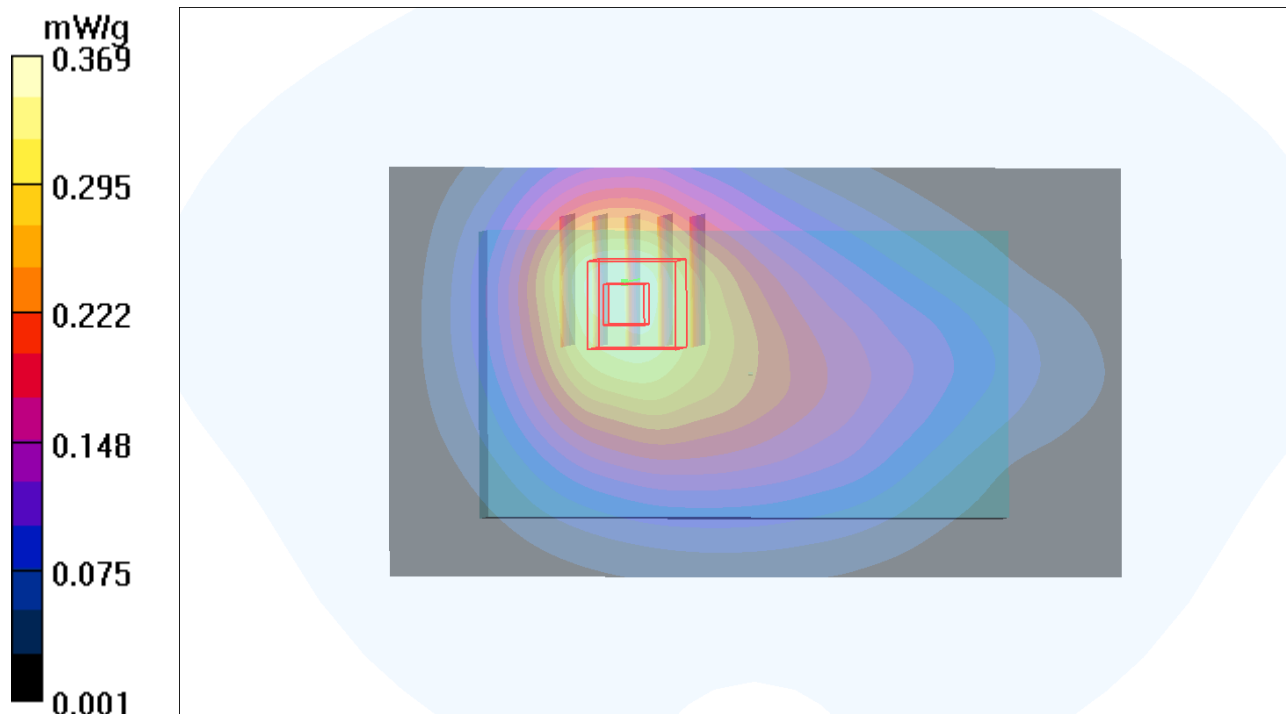
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.6 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.406 W/kg

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.357 mW/g



P210 CDMA2000 BC10_RC3+SO32_Rear Face_1cm_Ch684_Earphone**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch684/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.849 mW/g

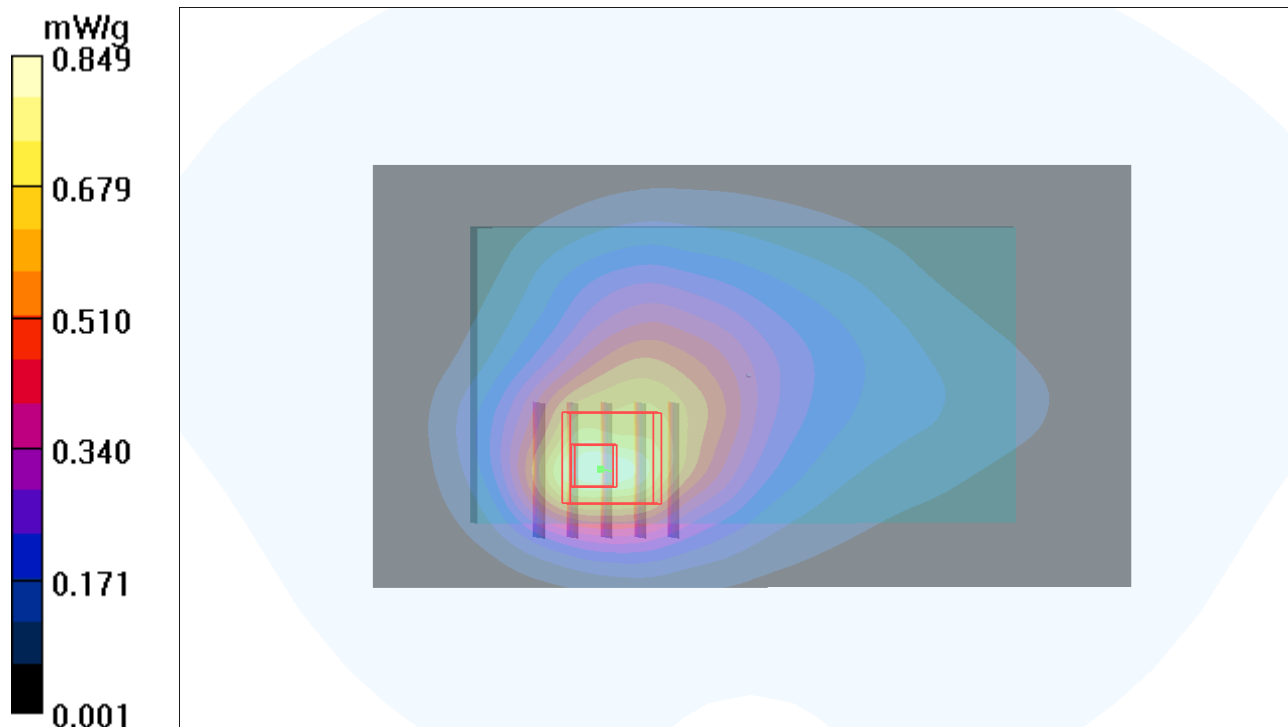
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.7 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.406 mW/g

Maximum value of SAR (measured) = 0.856 mW/g



P005 CDMA2000 BC0_RC3+SO32_Front Face_1cm_Ch384**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch384/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.411 mW/g

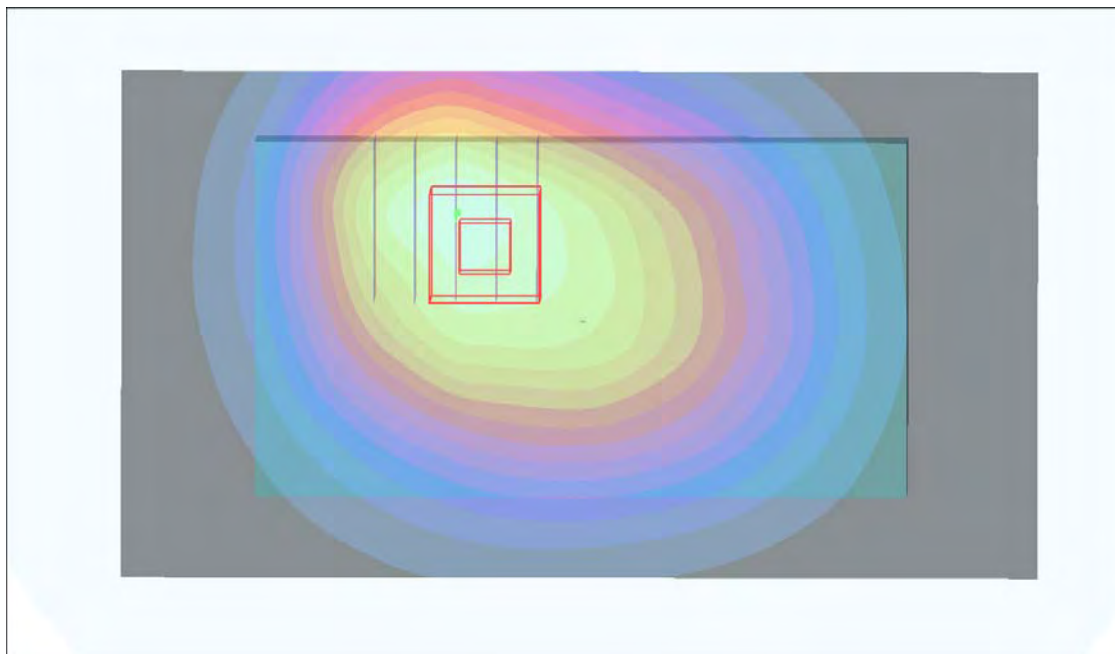
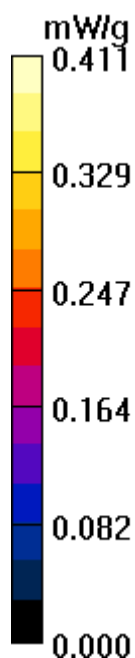
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.1 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 0.403 mW/g



P006 CDMA2000 BC0_RC3+SO32_Rear Face_1cm_Ch384**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch384/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.702 mW/g

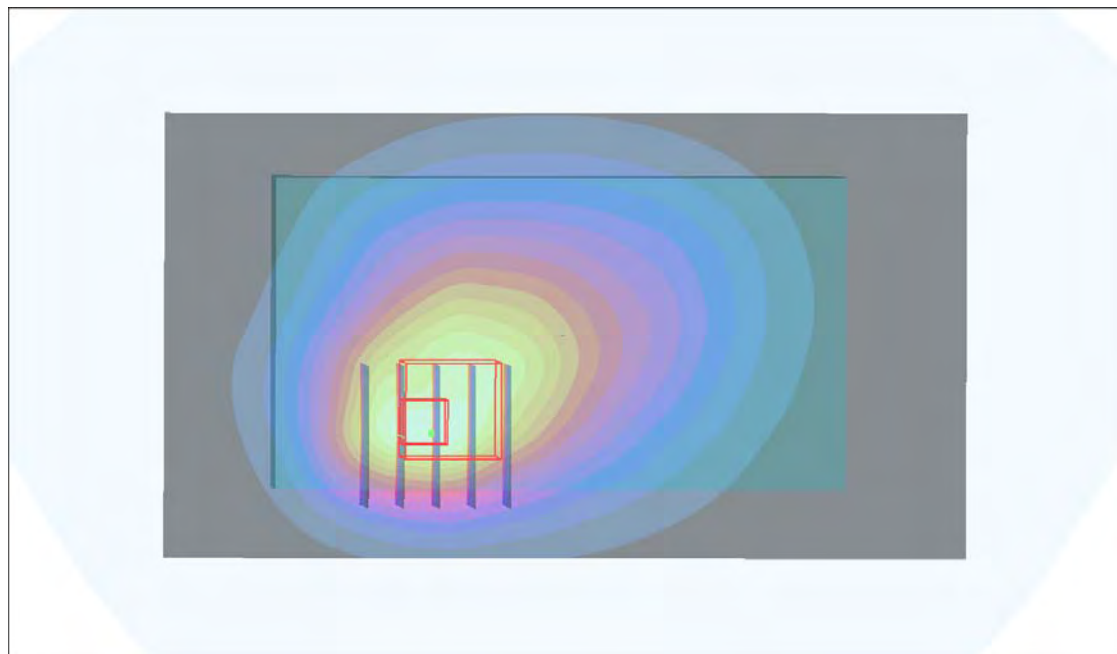
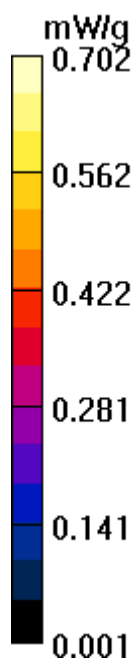
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.5 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.889 W/kg

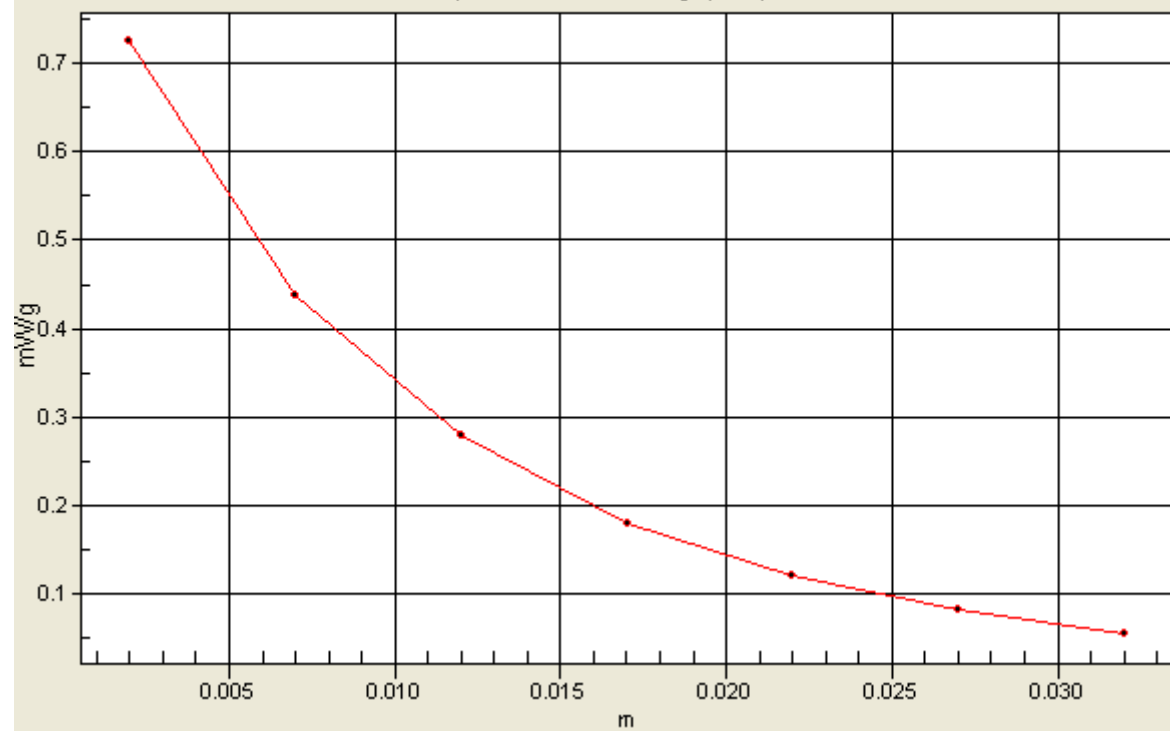
SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 0.725 mW/g



1g/10g Averaged SAR

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



P007 CDMA2000 BC0_RC3+SO32_Left Side_1cm_Ch384**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$

kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch384/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.403 mW/g

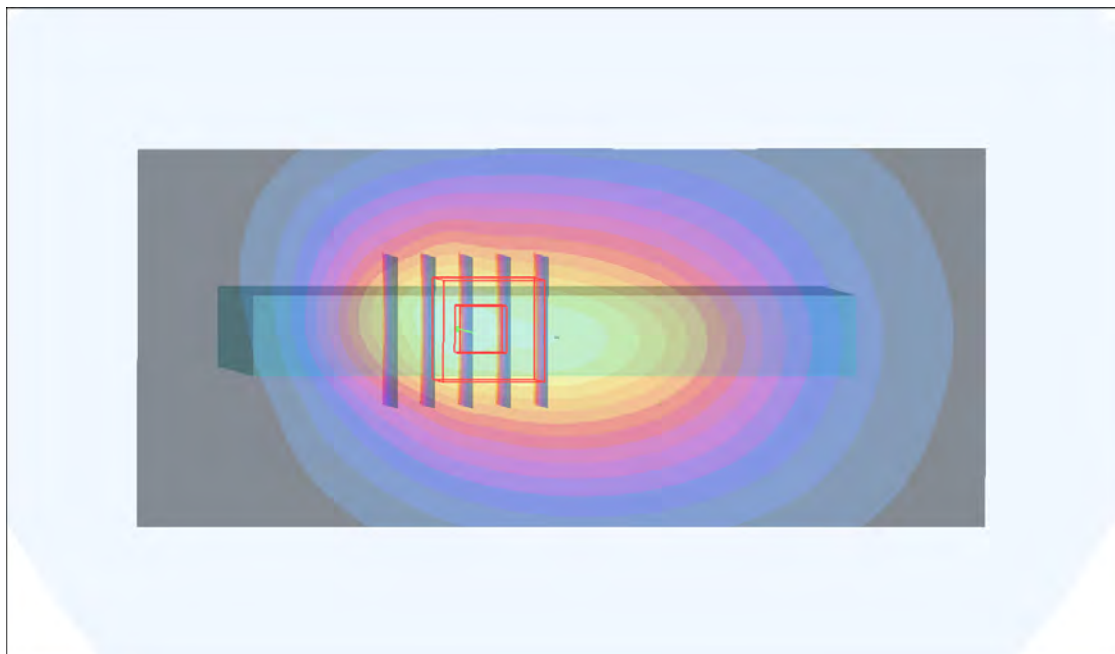
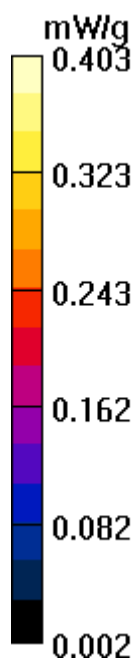
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.0 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.223 mW/g

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



P008 CDMA2000 BC0_RC3+SO32_Bottom Side_1cm_Ch384**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$

kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch384/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

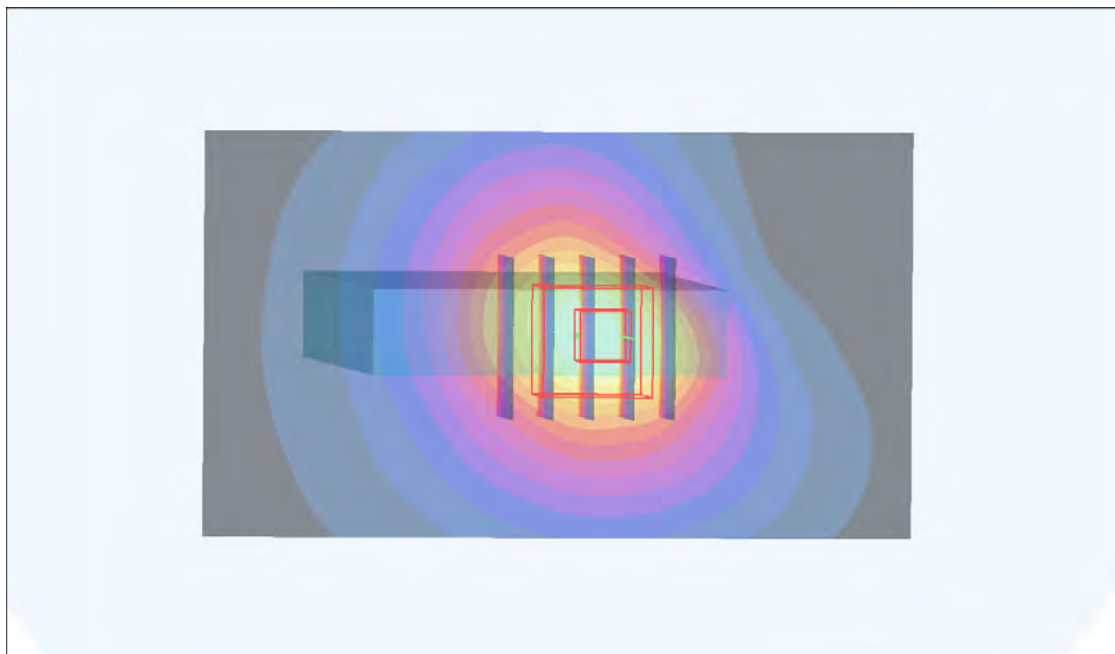
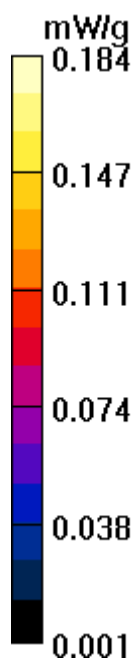
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.177 mW/g



P009 CDMA2000 BC0_RC3+SO32_Front Face_1cm_Ch384_Earphone**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m^3

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch384/Area Scan (51x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.342 mW/g

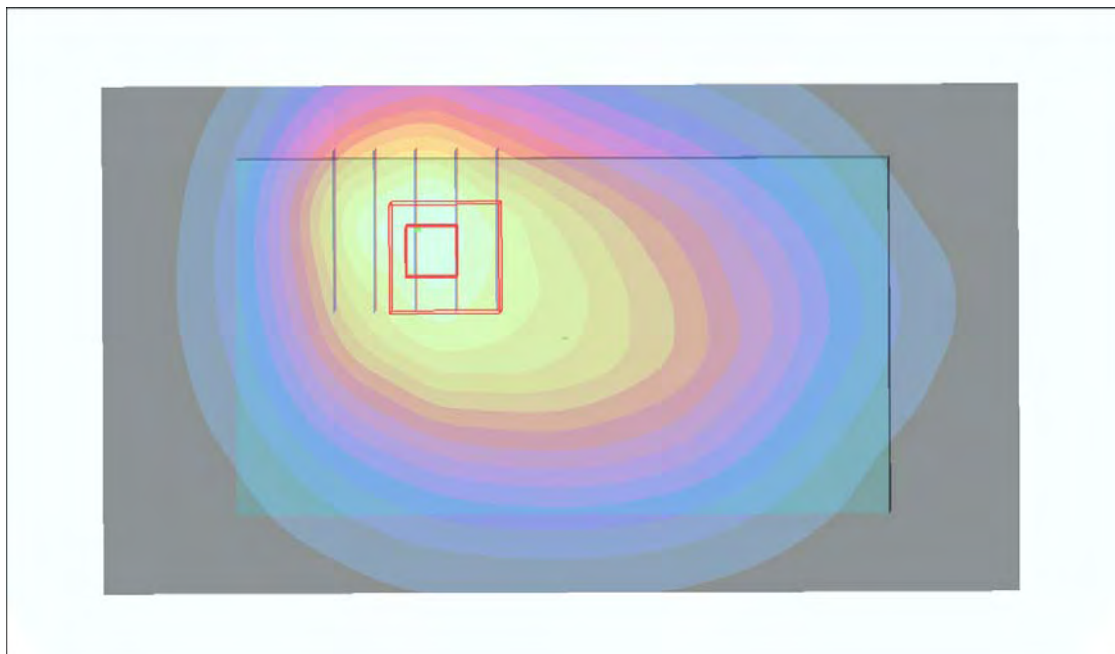
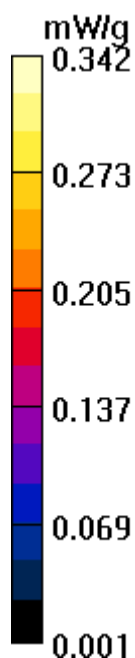
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.5 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.319 mW/g



P010 CDMA2000 BC0_RC3+SO32_Rear Face_1cm_Ch384_Earphone**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: B835_1023 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m^3

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch384/Area Scan (51x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

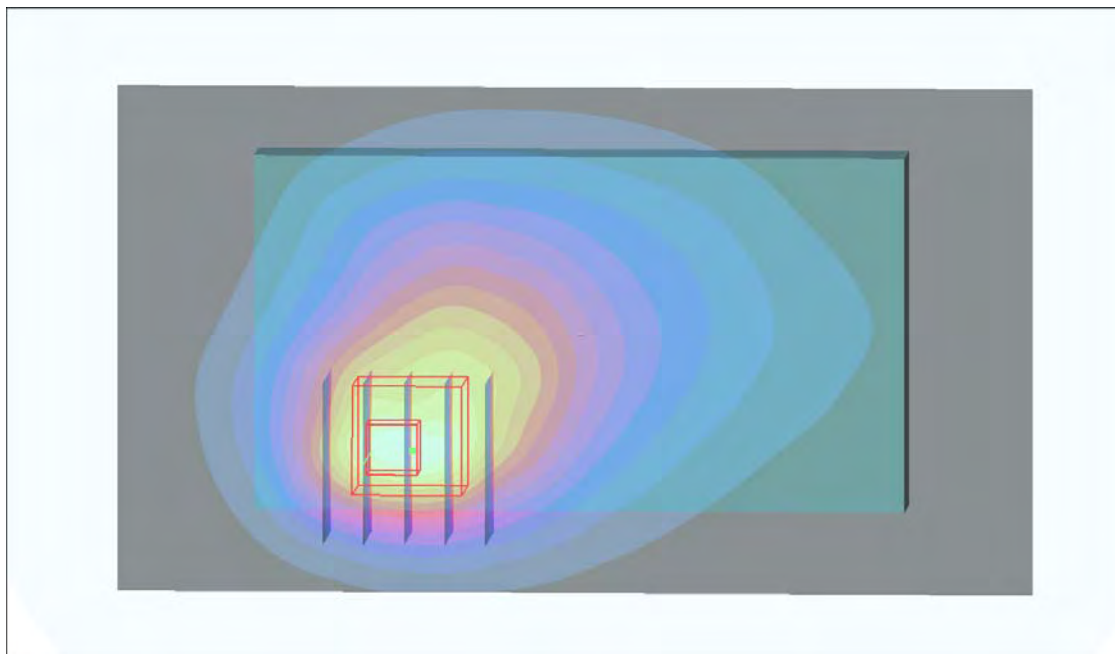
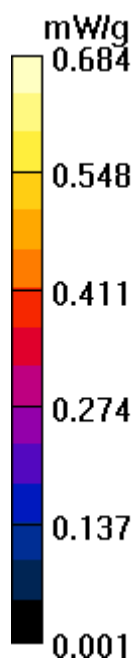
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.2 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.897 W/kg

SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.727 mW/g



P105 CDMA2000 BC1_RC3+SO32_Front Face_1cm_Ch1175**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m^3

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1175/Area Scan (51x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.374 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.35 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.511 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.402 mW/g

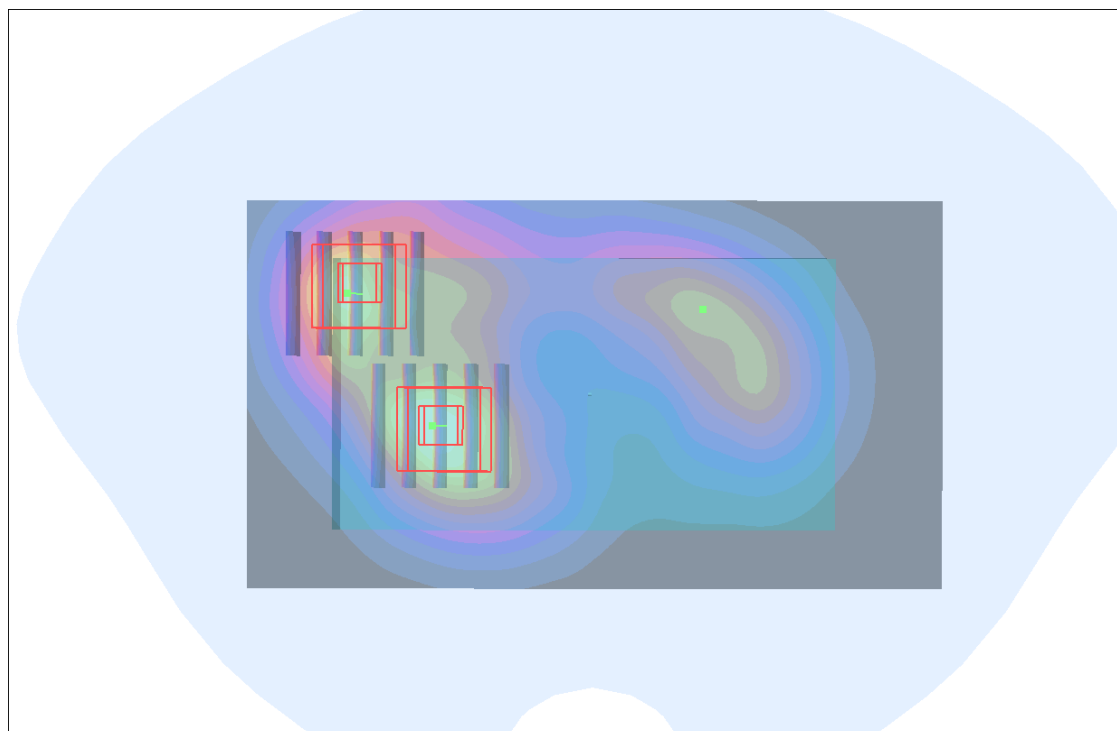
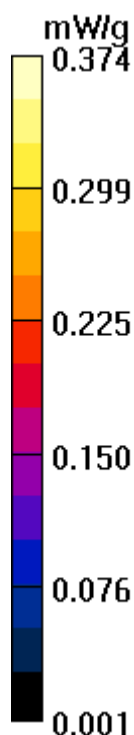
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.35 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.380 mW/g



P106 CDMA2000 BC1_RC3+SO32_Rear Face_1cm_Ch1175**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m^3

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1175/Area Scan (51x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.624 mW/g

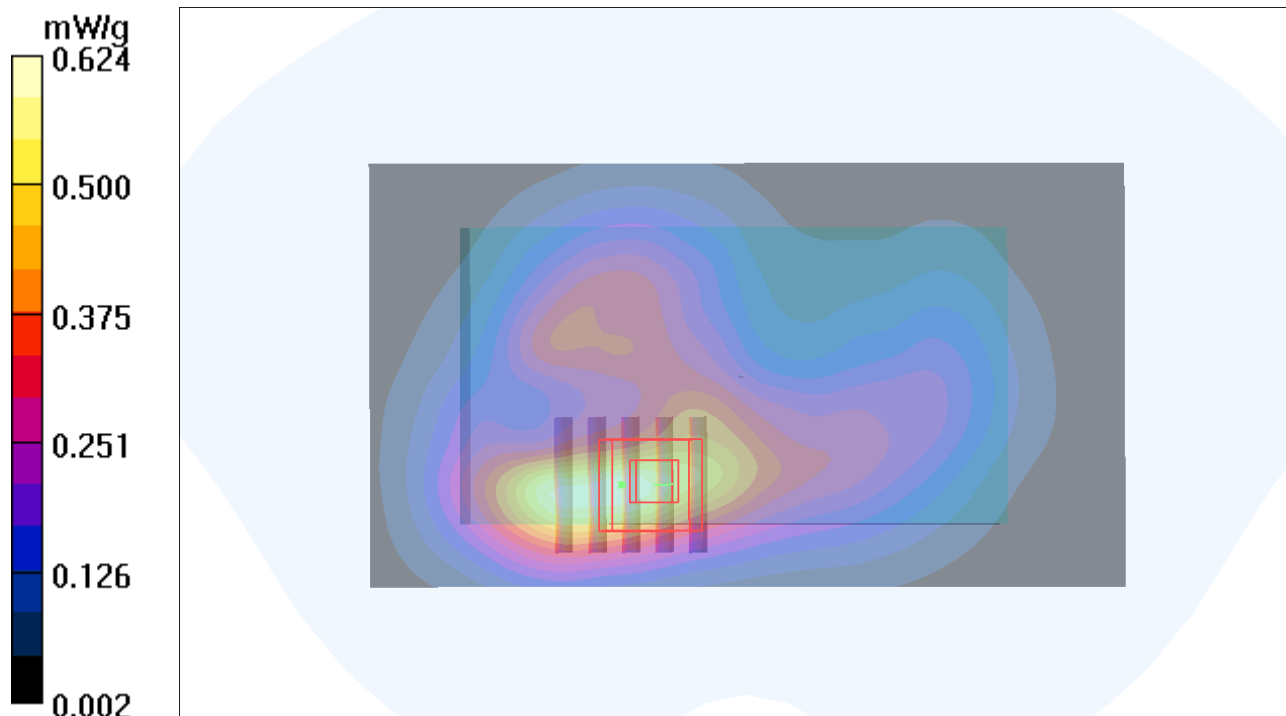
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.8 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.618 mW/g



P107 CDMA2000 BC1_RC3+SO32_Left Side_1cm_Ch1175**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1175/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.571 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.838 W/kg

SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.660 mW/g

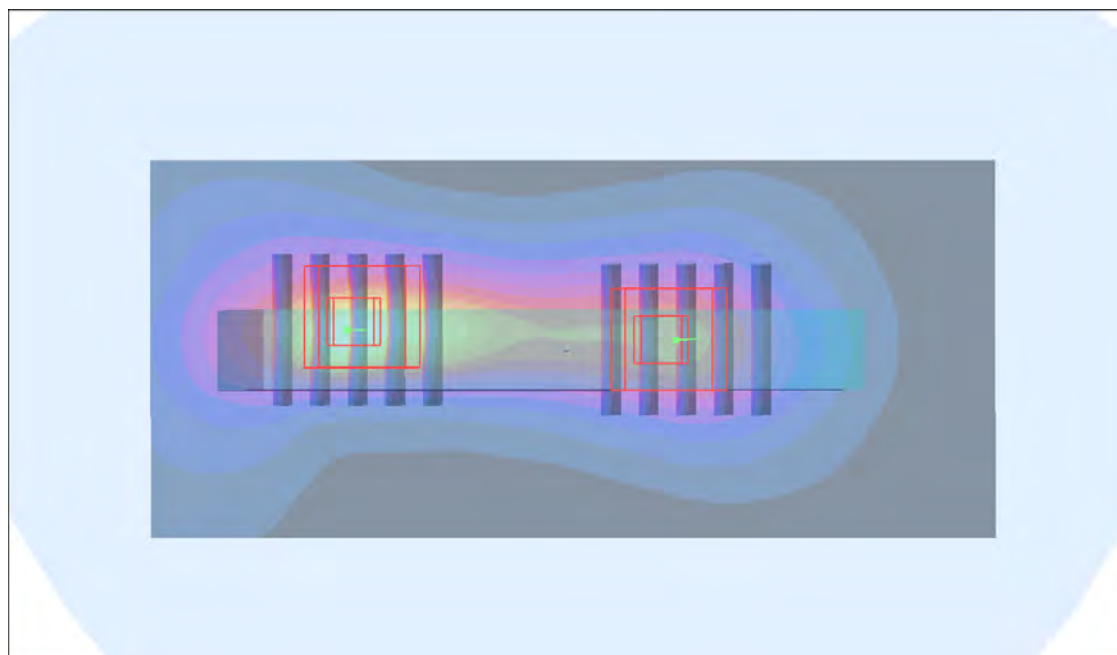
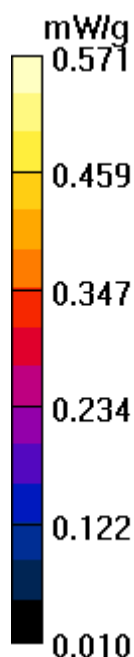
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.445 W/kg

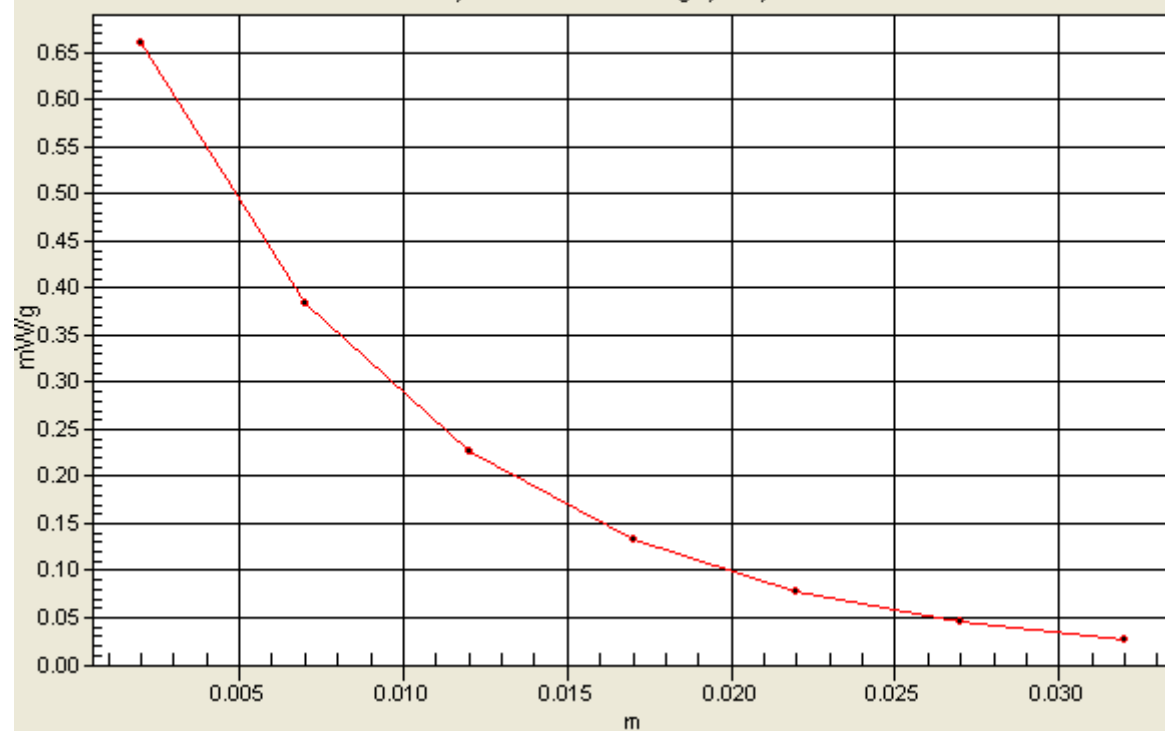
SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.364 mW/g



1g/10g Averaged SAR

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



P108 CDMA2000 BC1_RC3+SO32_Right Side_1cm_Ch1175**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m^3

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1175/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.087 mW/g

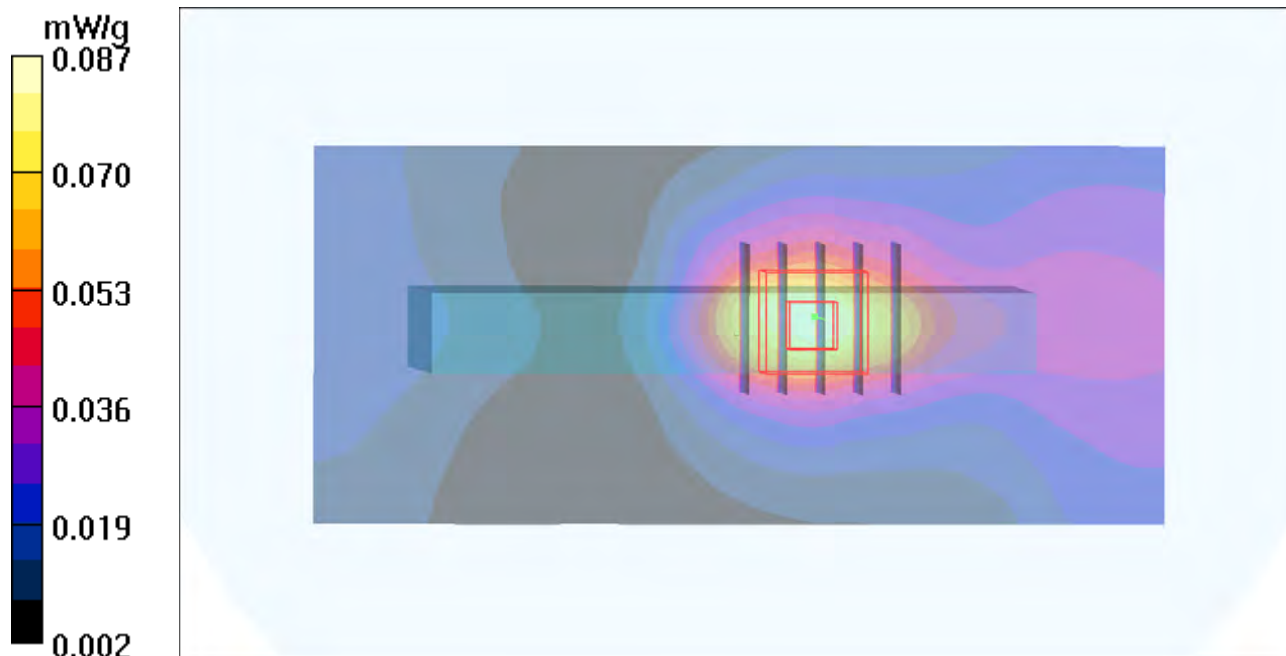
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.50 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.083 mW/g



P109 CDMA2000 BC1_RC3+SO32_Front Face_1cm_Ch1175_Earphone**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m^3

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

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

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.61 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.421 mW/g

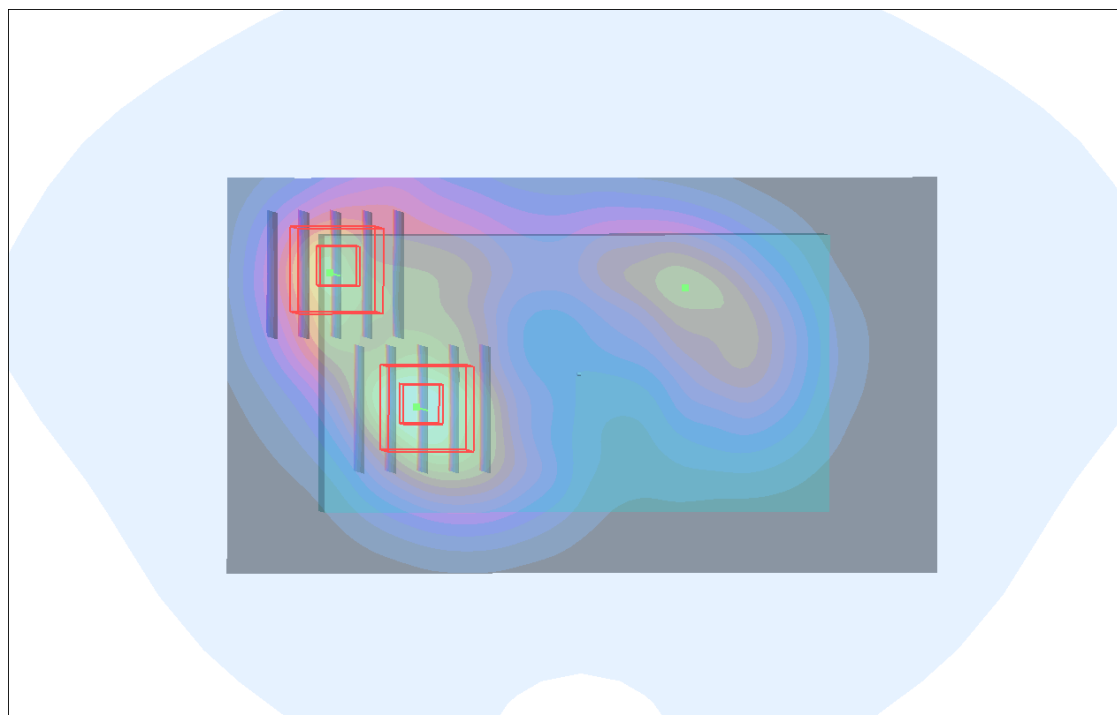
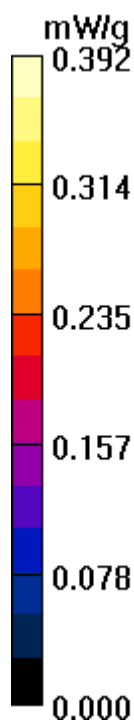
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.61 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.396 mW/g



P110 CDMA2000 BC1_RC3+SO32_Rear Face_1cm_Ch1175_Earphone**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m^3

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1175/Area Scan (51x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.594 mW/g

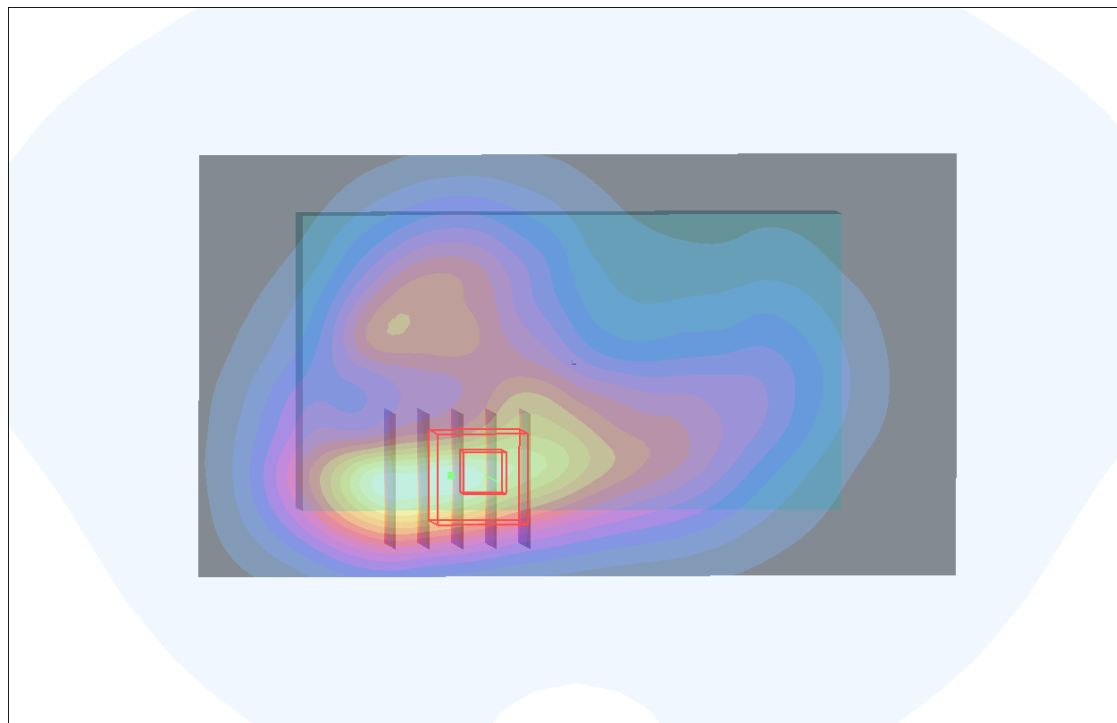
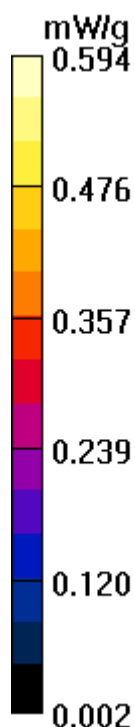
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.9 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.755 W/kg

SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.253 mW/g

Maximum value of SAR (measured) = 0.595 mW/g



P326 LTE25_QPSK_10M_Front Face_1cm_Ch26365_1RB_Offset 0**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.529 mW/g

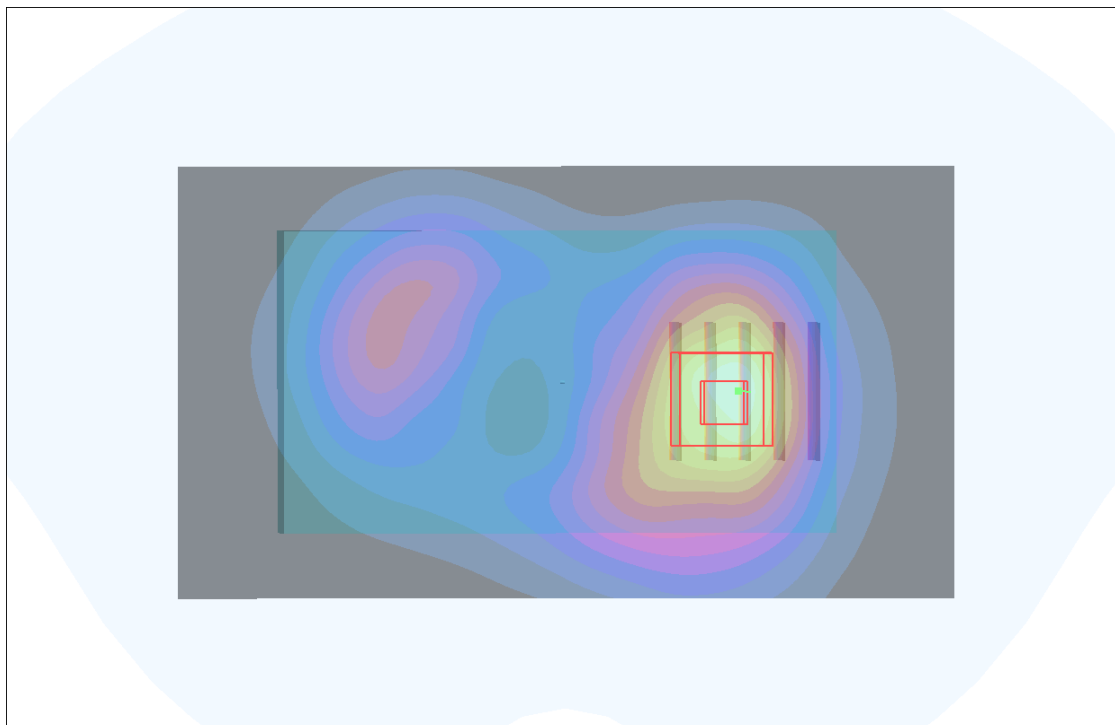
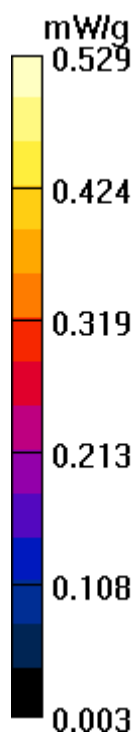
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.93 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.463 mW/g



P329 LTE25_QPSK_10M_Rear Face_1cm_Ch26365_1RB_Offset 0**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.17 mW/g

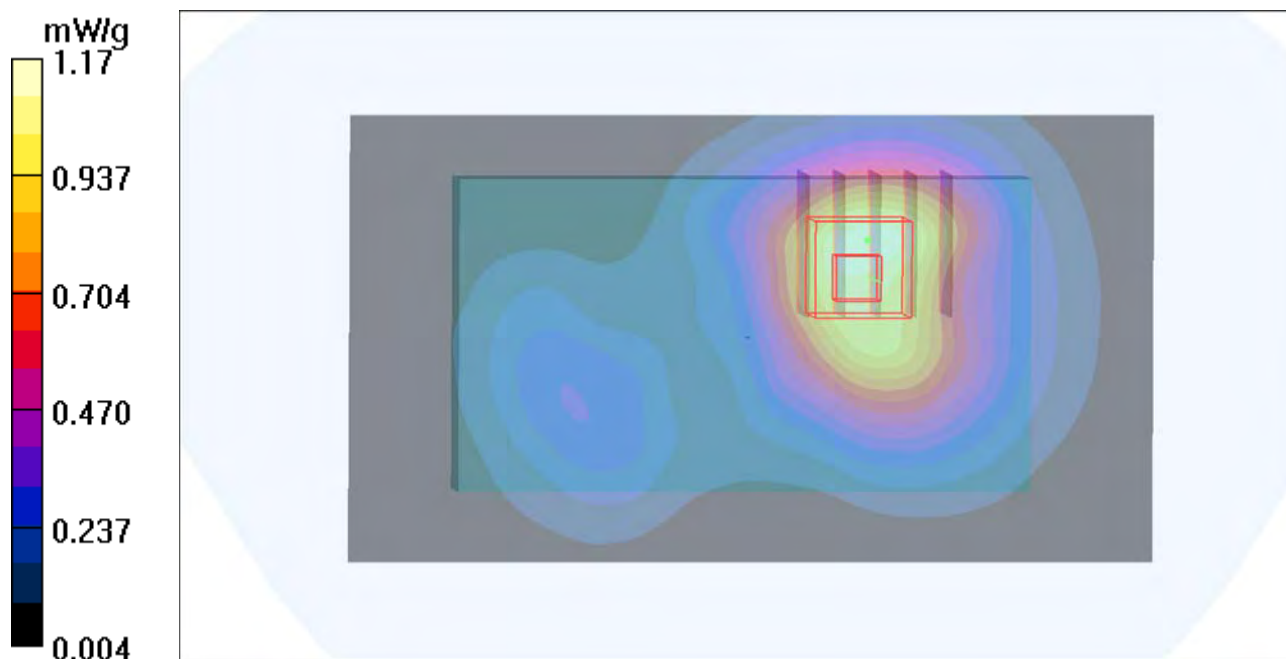
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 1.30 W/kg

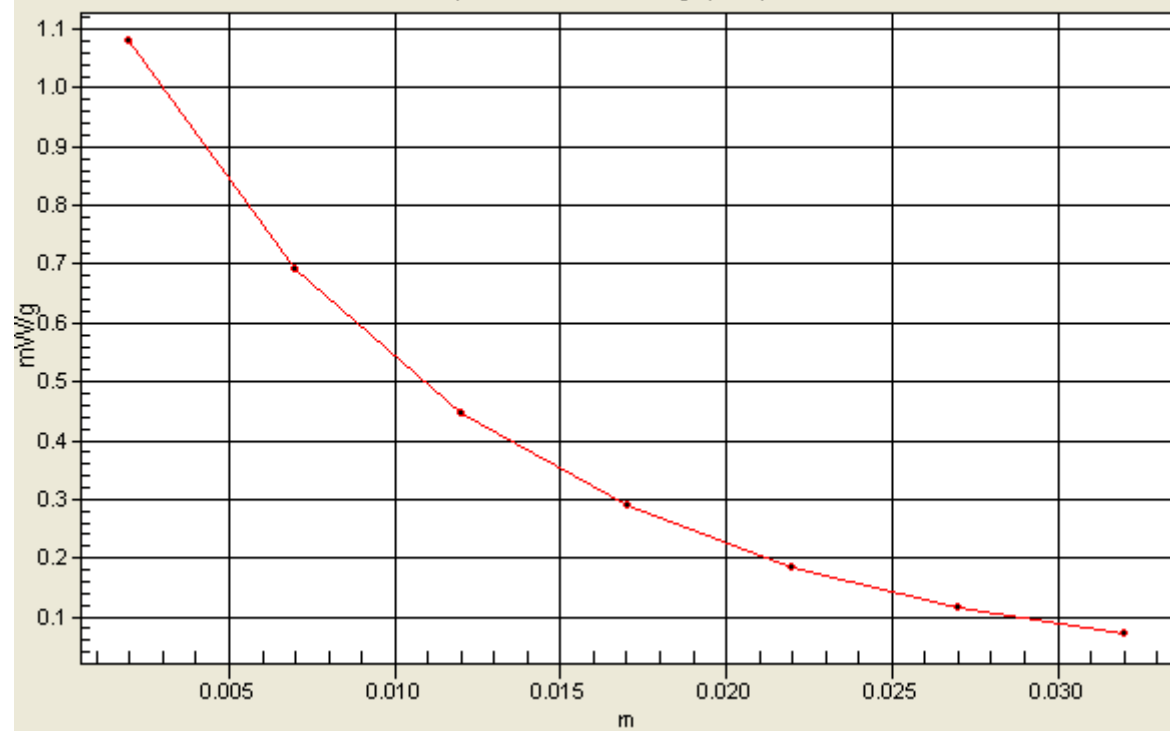
SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.527 mW/g

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



1g/10g Averaged SAR

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



P332 LTE25_QPSK_10M_Right Side_1cm_Ch26365_1RB_Offset 0**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch26365/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.451 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.443 mW/g

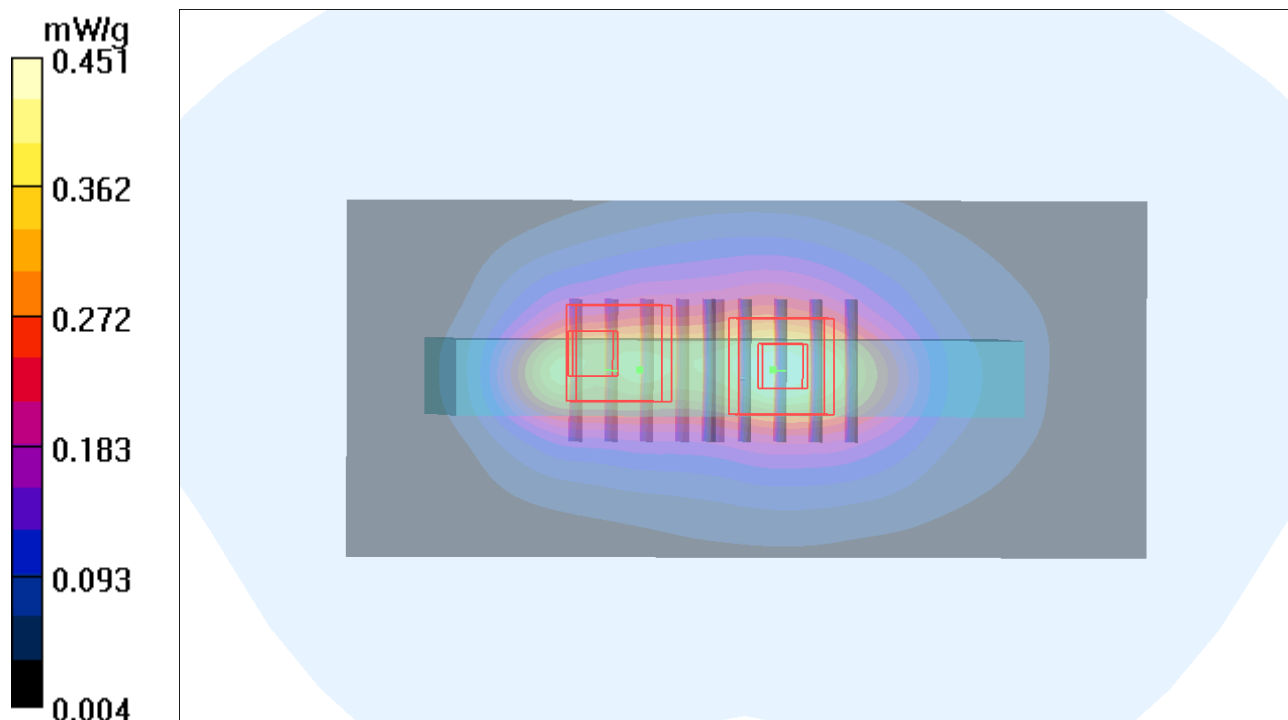
Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.173 mW/g

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



P335 LTE25_QPSK_10M_Top Side_1cm_Ch26365_1RB_Offset 0**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch26365/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

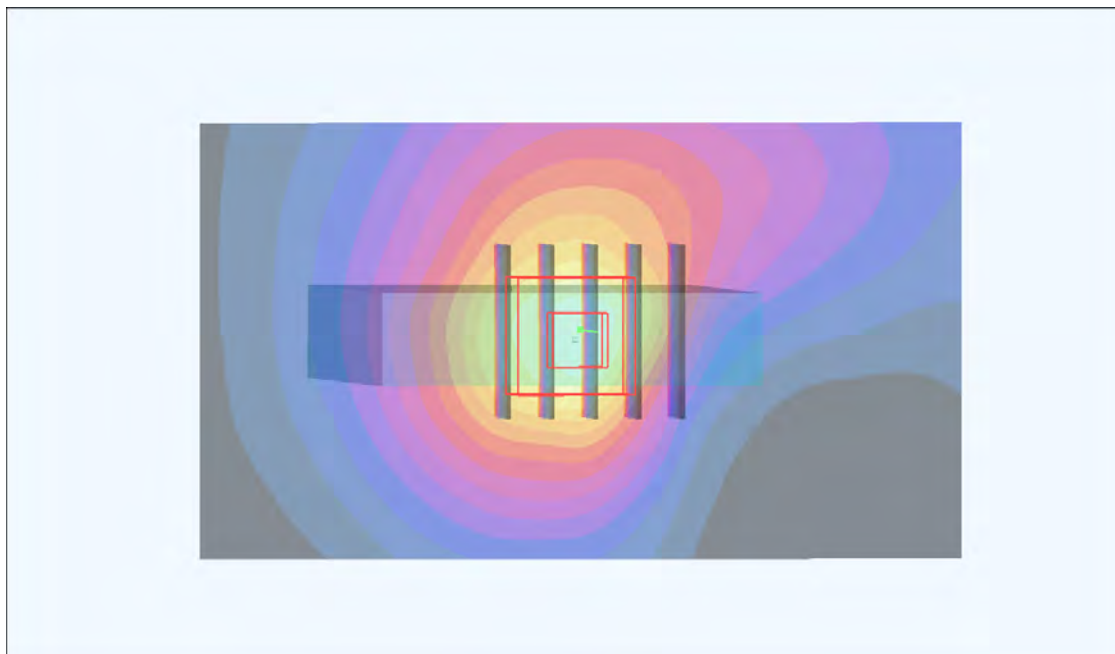
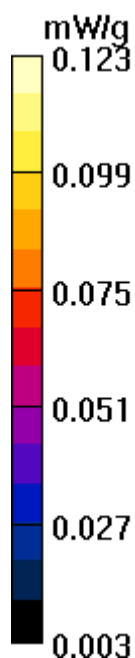
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.04 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.119 mW/g



P341 LTE25_16QAM_10M_Rear Face_1cm_Ch26365_1RB_Offset 0**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

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

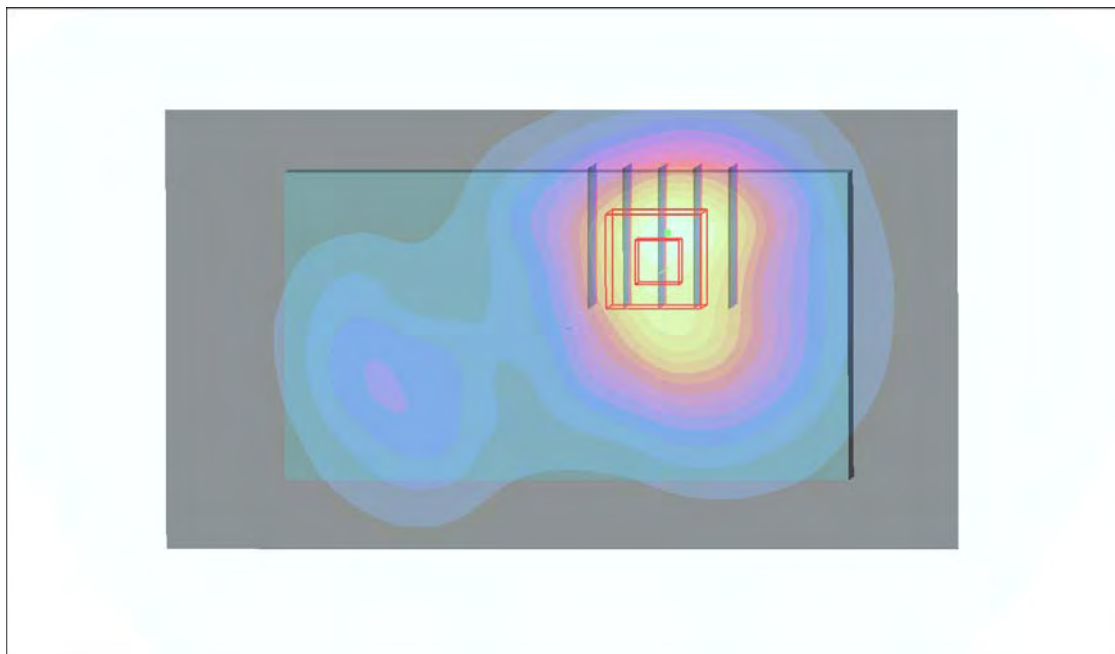
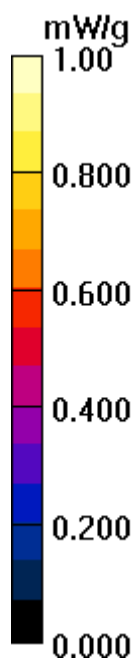
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.445 mW/g

Maximum value of SAR (measured) = 0.909 mW/g



P338 LTE25_16QAM_10M_Front Face_1cm_Ch26365_1RB_Offset 0**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

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

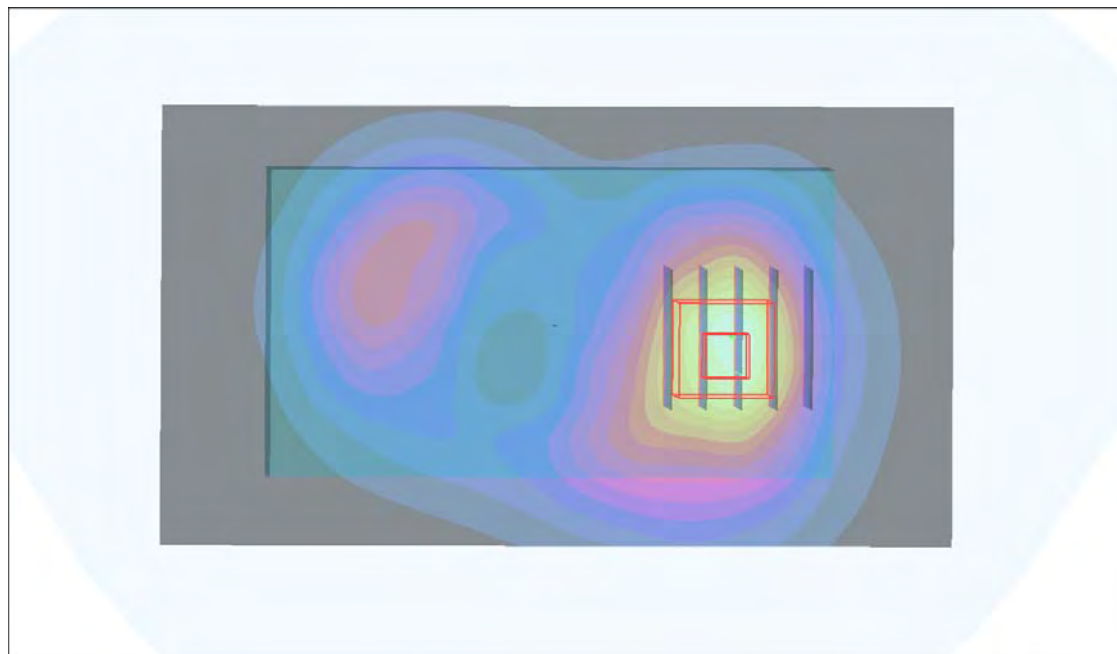
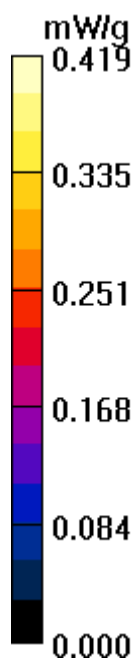
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.00 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.379 mW/g



P344 LTE25_16QAM_10M_Right Side_1cm_Ch26365_1RB_Offset 0**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch26365/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.353 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.471 W/kg

SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.151 mW/g

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

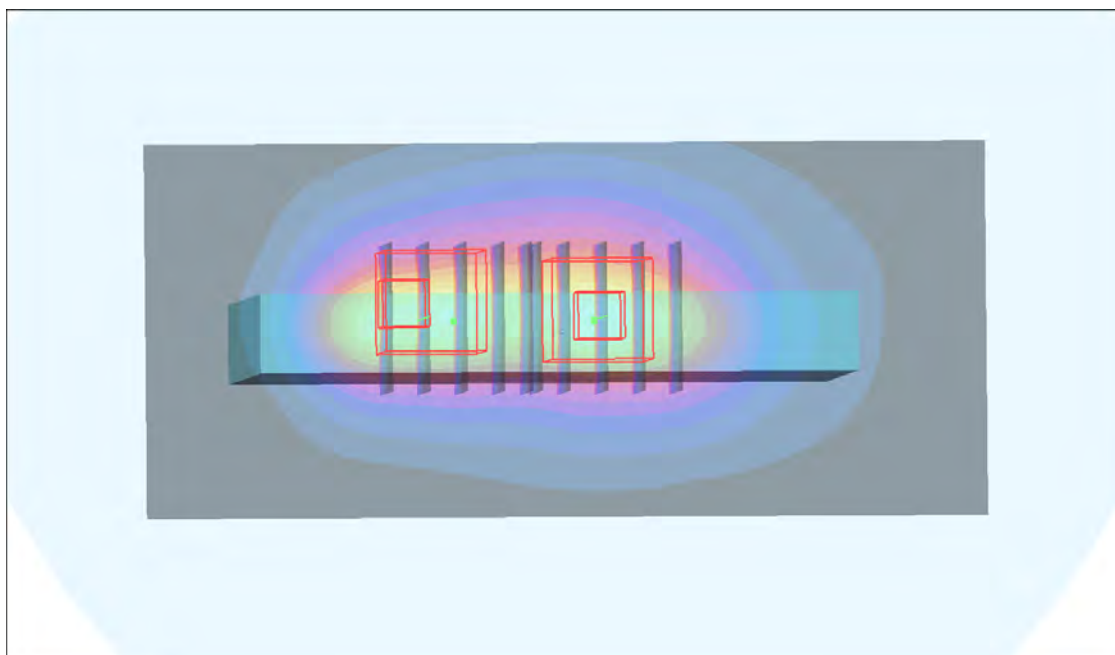
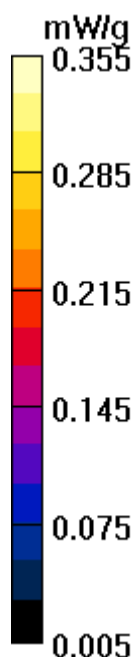
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.351 mW/g



P347 LTE25_16QAM_10M_Top Side_1cm_Ch26365_1RB_Offset 0**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1023 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch26365/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.091 mW/g

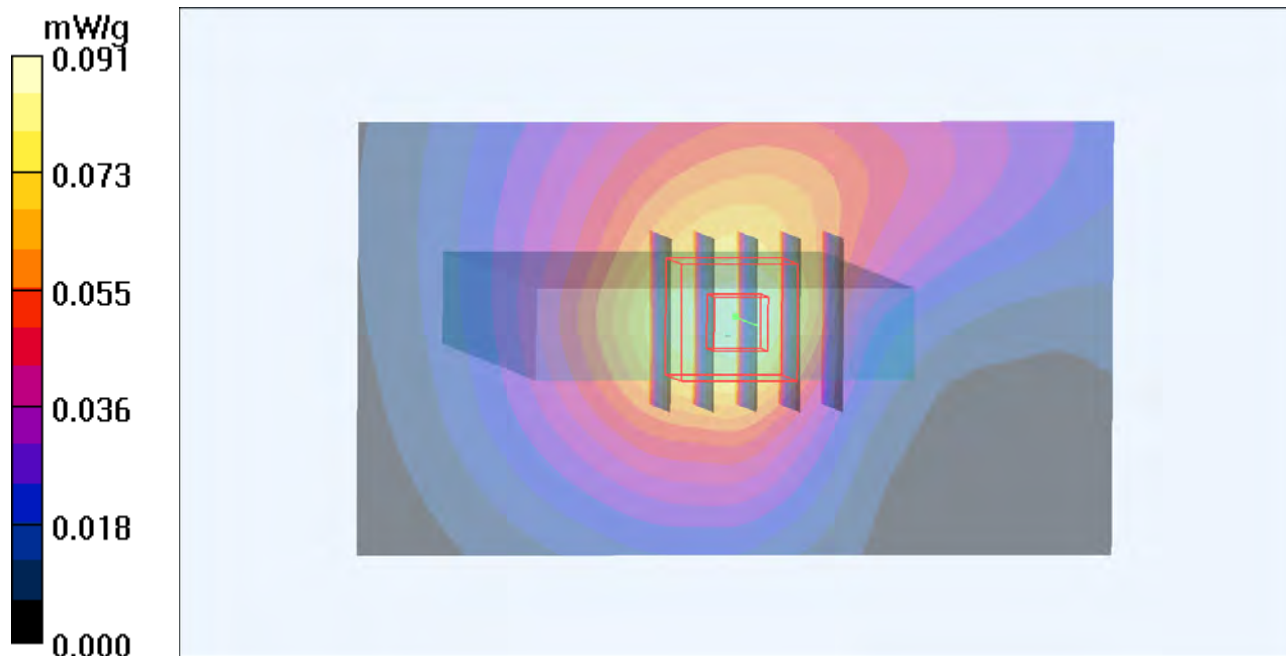
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.77 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.091 mW/g



P350 LTE 25_QPSK_10M_Front Face_1cm_Ch26365_1RB_offset 0_Earphone**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1031 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 51.152$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.483 W/kg

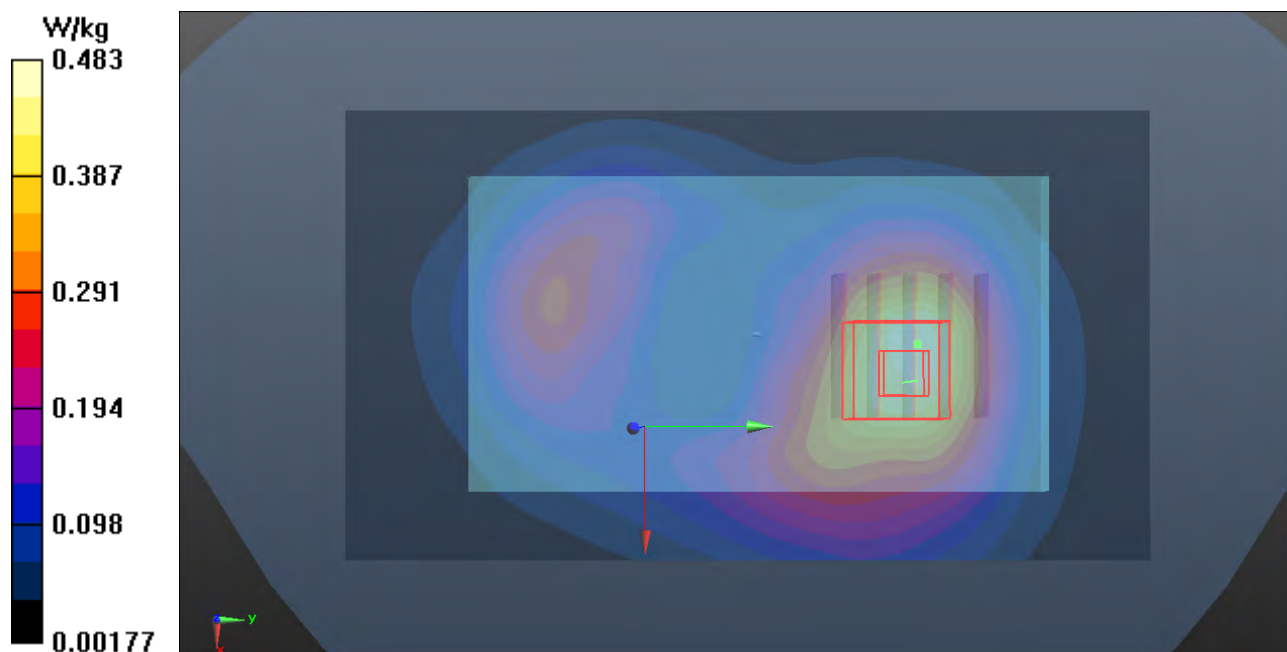
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.549 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.533 mW/g

SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 0.446 W/kg



P353 LTE 25_QPSK_10M_Rear Face_1cm_Ch26365_1RB_offset 0_Earphone**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1031 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 51.152$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.972 W/kg

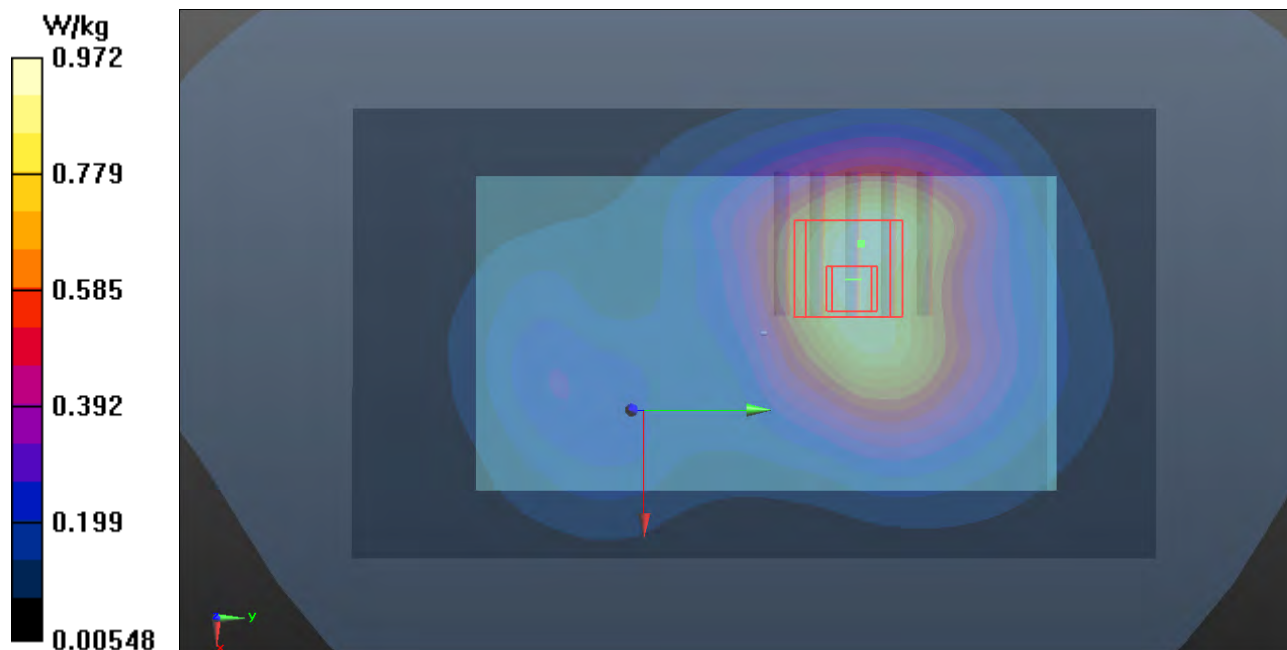
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

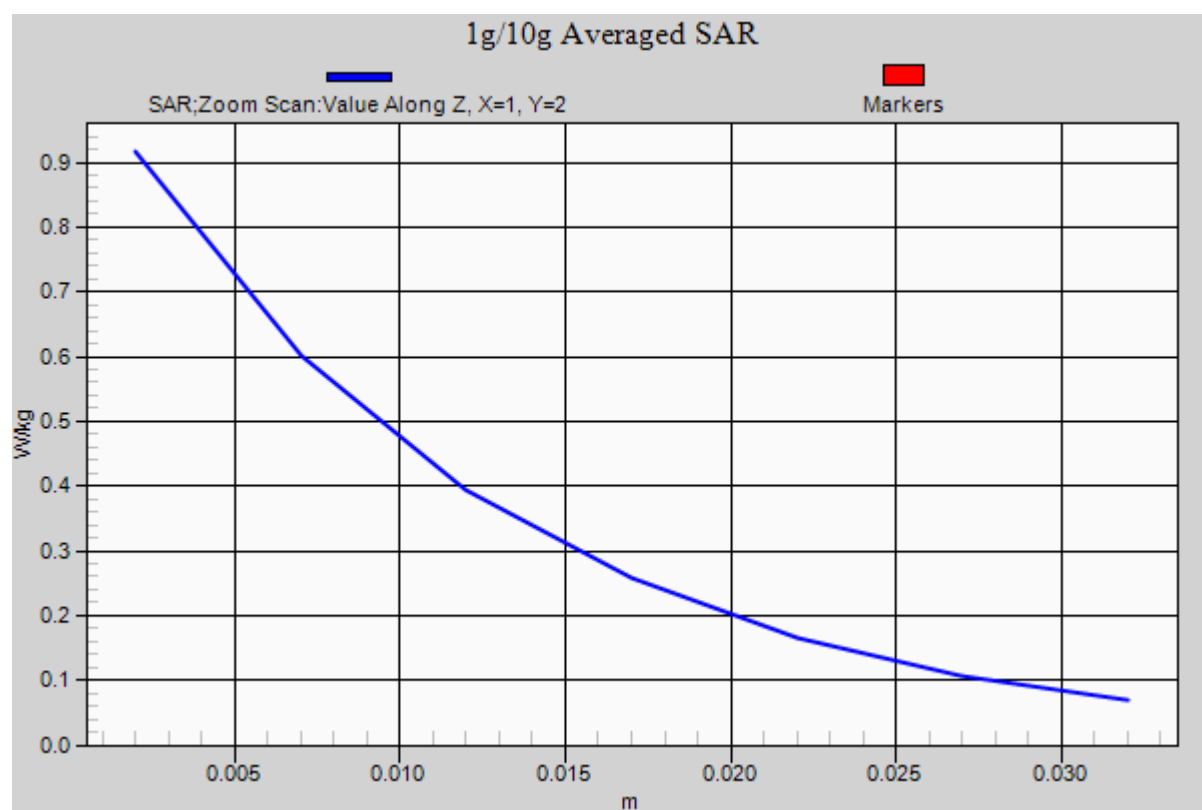
Reference Value = 15.744 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.087 mW/g

SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.457 mW/g

Maximum value of SAR (measured) = 0.916 W/kg





P359 LTE 25_16QAM_10M_Rear Face_1cm_Ch26365_1RB_offset 0_Earphone**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1031 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 51.152$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.761 W/kg

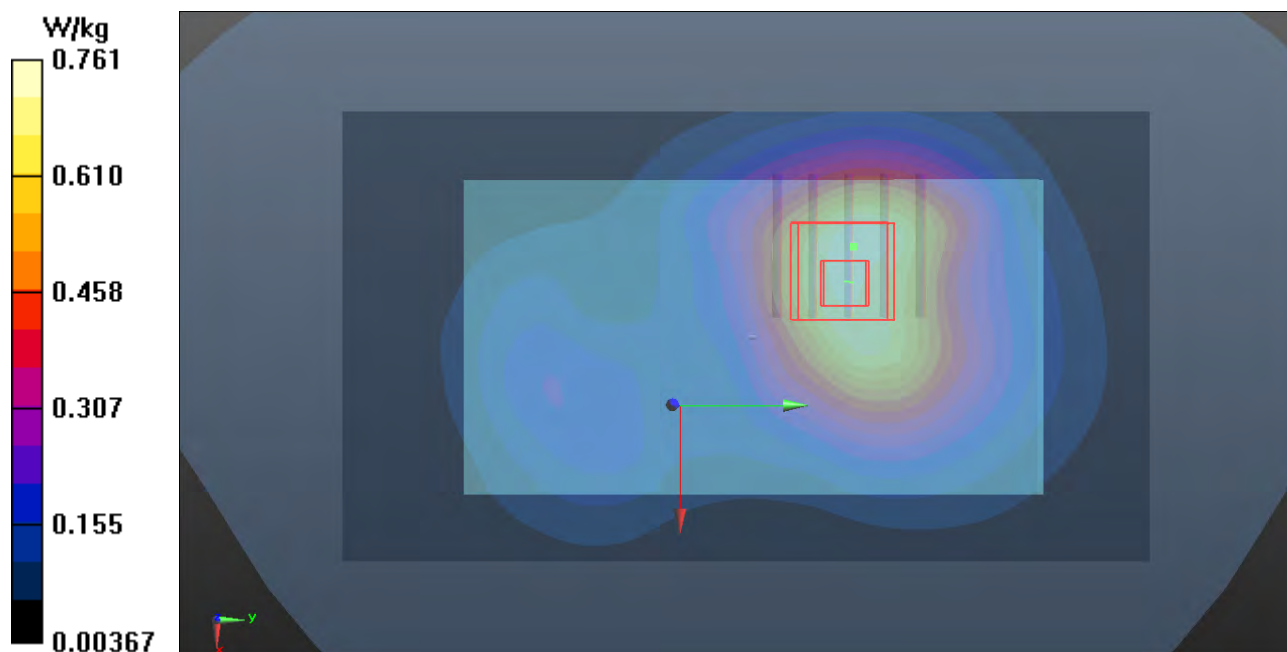
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.585 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.856 mW/g

SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 0.724 W/kg



P356 LTE 25_16QAM_10M_Front Face_1cm_Ch26365_1RB_offset 0_Earphone**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_1031 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 51.152$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (51x91x1): Measurement grid: dx=8mm, dy=8mm

Maximum value of SAR (interpolated) = 0.362 W/kg

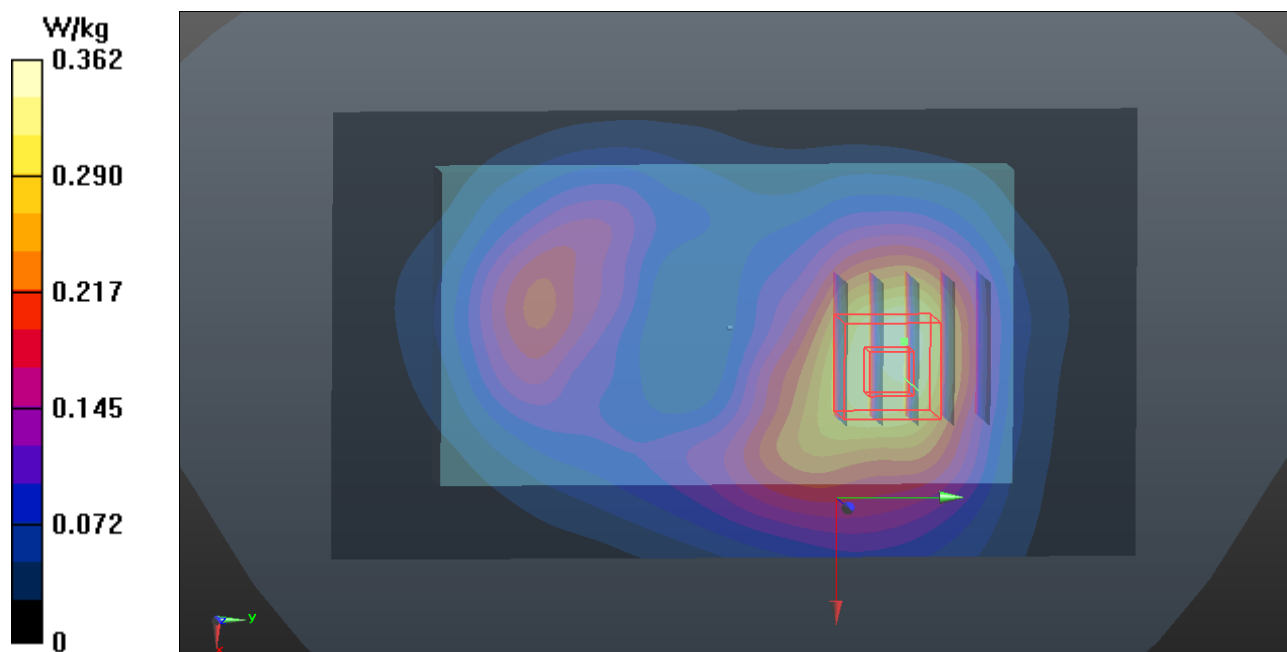
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.957 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.406 mW/g

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.337 W/kg



P405 802.11b_Front Face_1cm_Ch1**DUT: 121012C09**

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

Medium: B2450_1027 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$

kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.43, 6.43, 6.43); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.119 mW/g

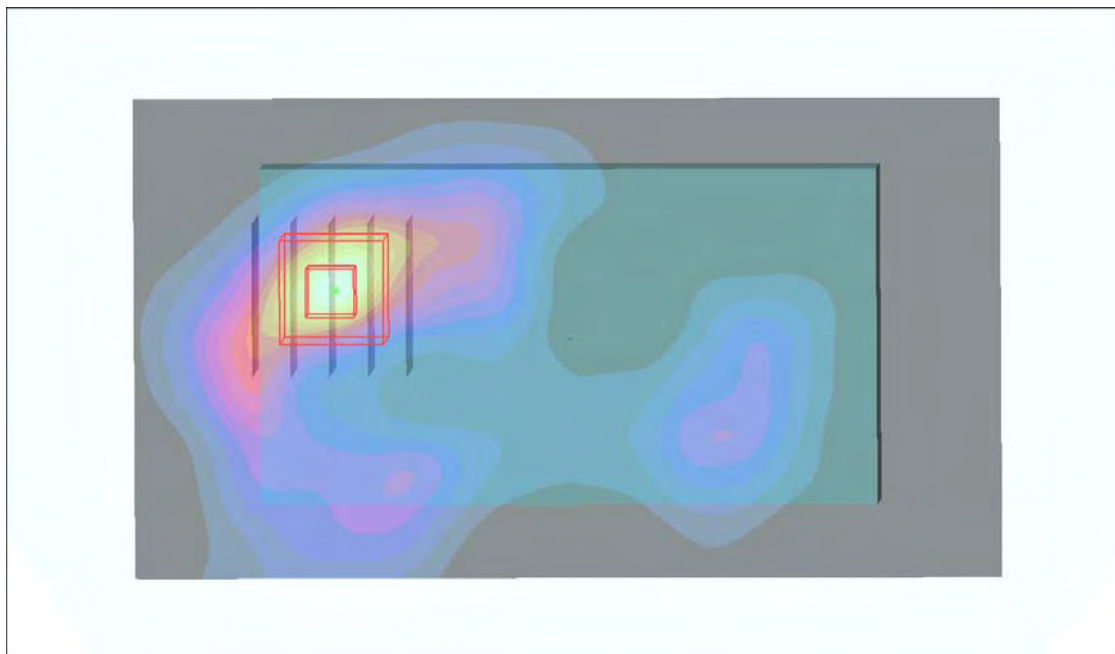
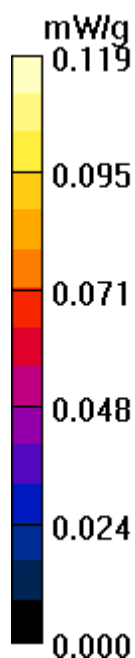
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.47 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.155 W/kg

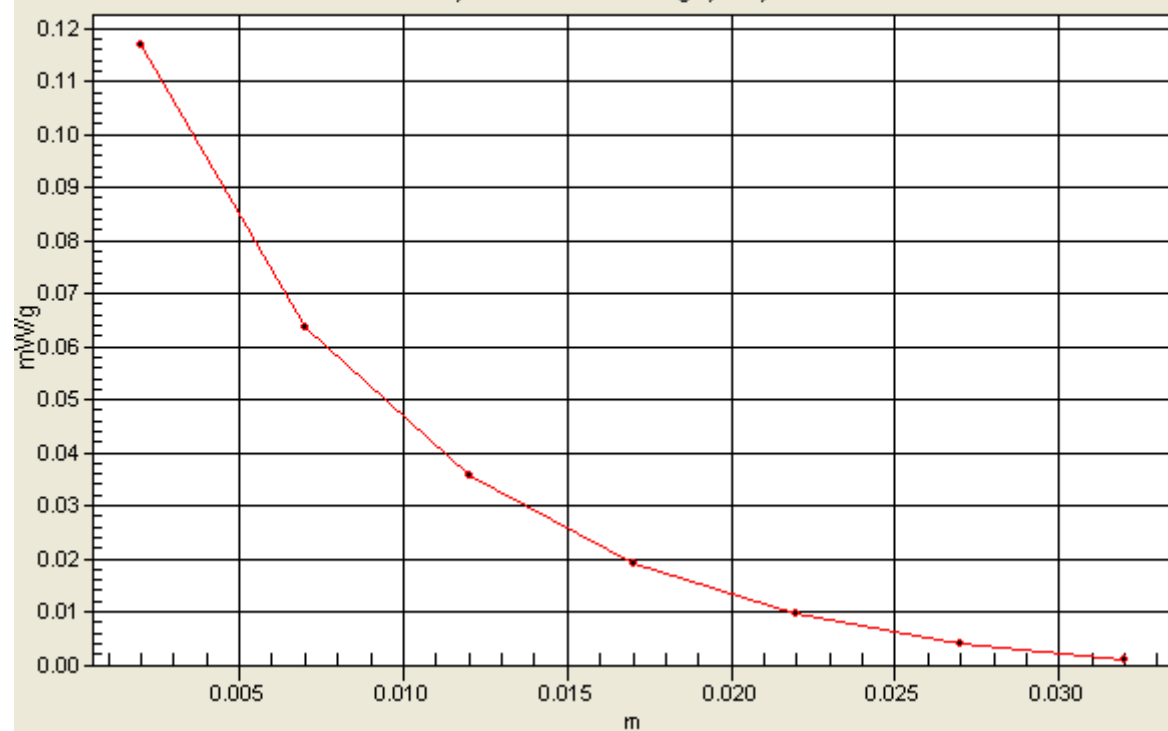
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.117 mW/g



1g/10g Averaged SAR

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



P406 802.11b_Rear Face_1cm_Ch1**DUT: 121012C09**

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

Medium: B2450_1027 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$

kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.43, 6.43, 6.43); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.094 mW/g

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

Reference Value = 3.46 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.098 mW/g

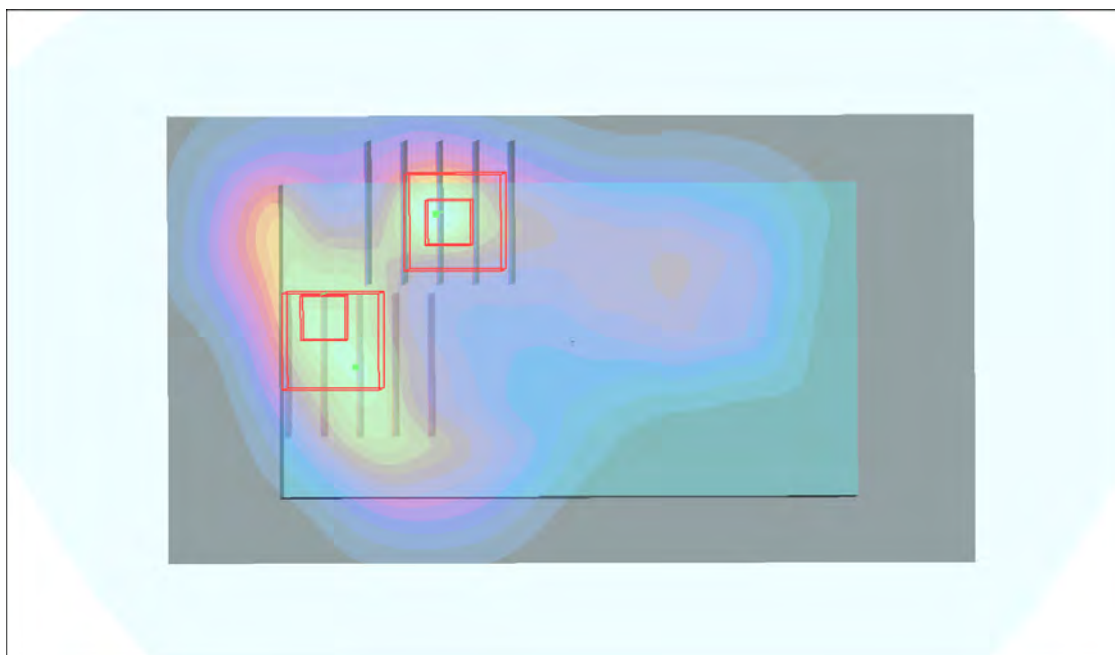
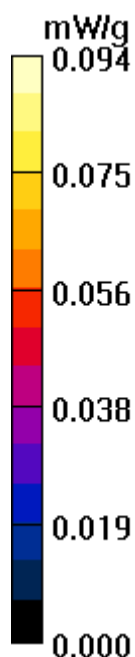
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.46 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.085 mW/g



P407 802.11b_Right Side_1cm_Ch1**DUT: 121012C09**

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

Medium: B2450_1027 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$

kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.43, 6.43, 6.43); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

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

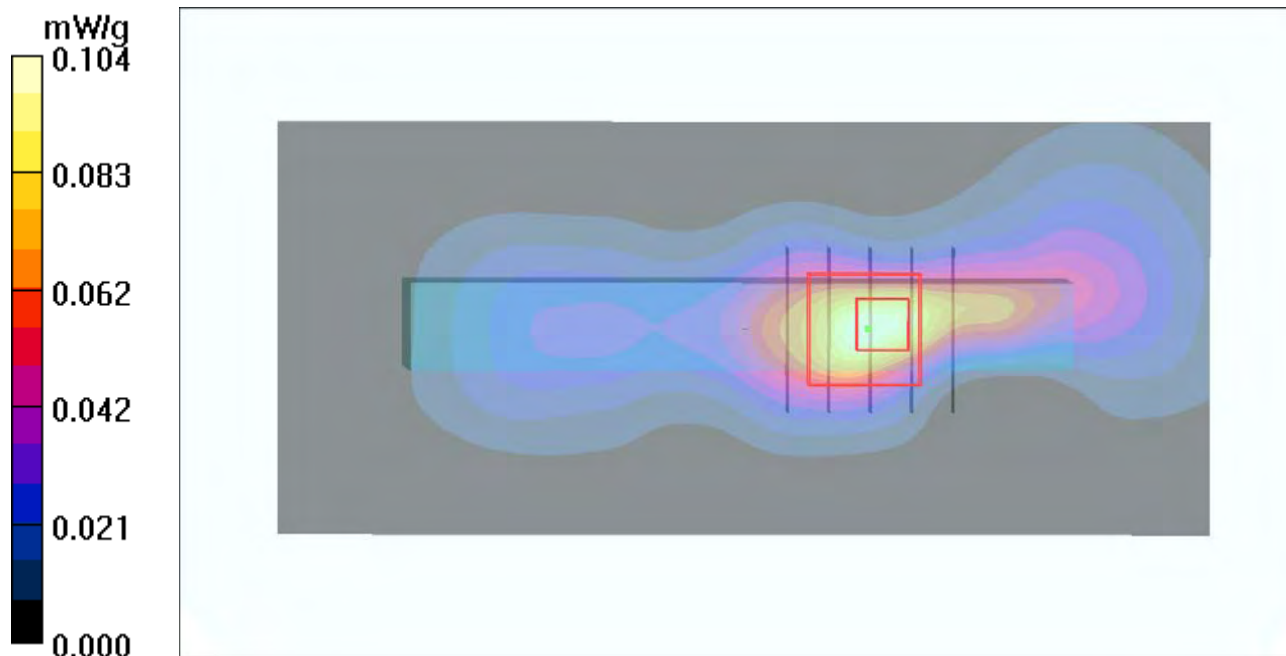
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.84 V/m; Power Drift = -0.092 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.096 mW/g



P408 802.11b_Bottom Side_1cm_Ch1**DUT: 121012C09**

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

Medium: B2450_1027 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$

kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.43, 6.43, 6.43); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.077 mW/g

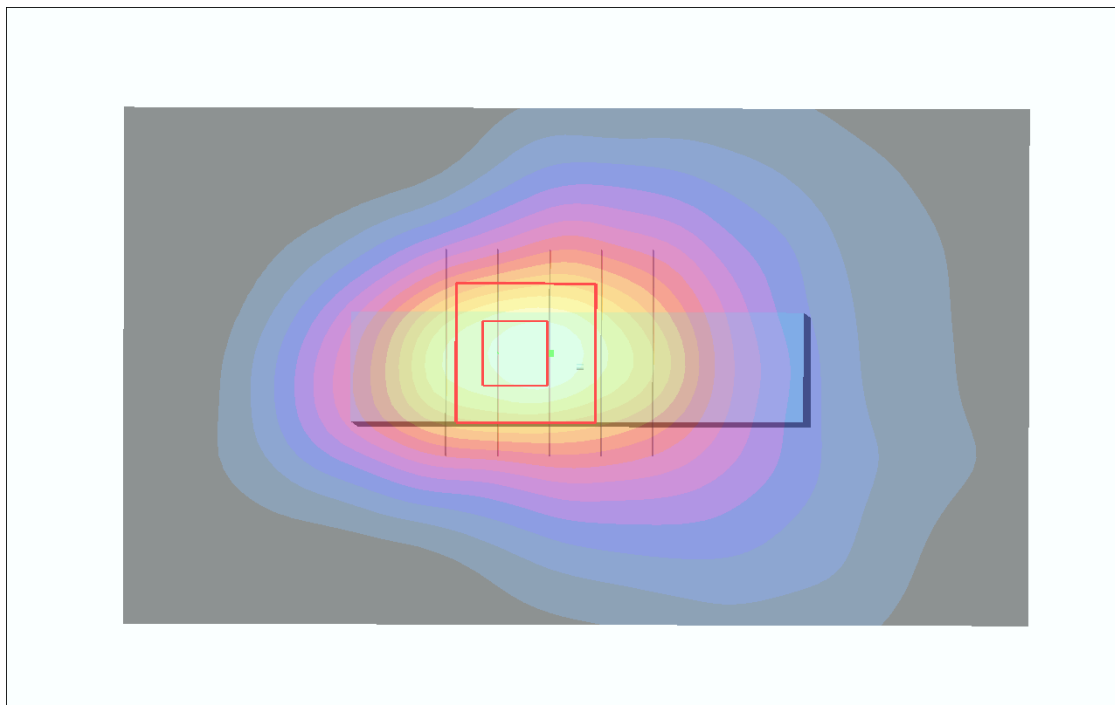
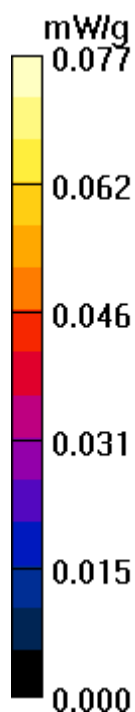
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.08 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.077 mW/g



P409 802.11b_Front Face_1cm_Ch1_Earphone**DUT: 121012C09**

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

Medium: B2450_1027 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$

kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.43, 6.43, 6.43); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.109 mW/g

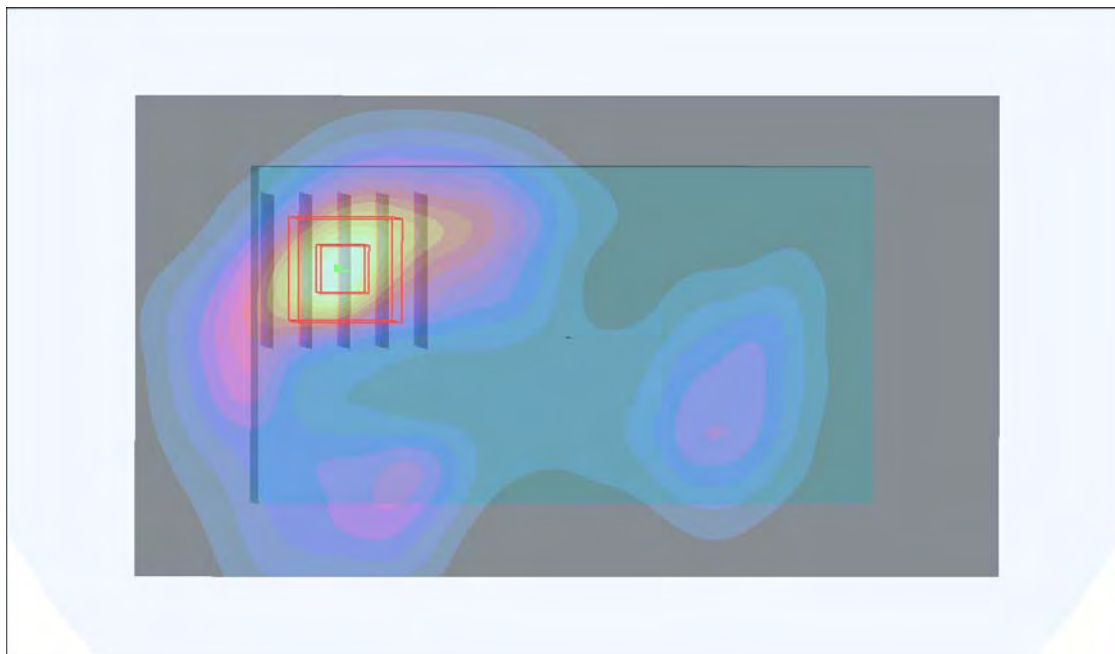
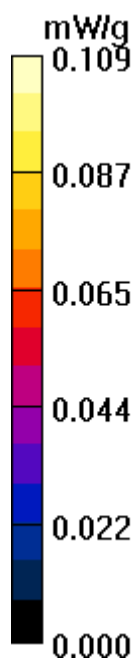
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.03 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.040 mW/g

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



P410 802.11b_Rear Face_1cm_Ch1_Earphone**DUT: 121012C09**

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

Medium: B2450_1027 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$

kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.43, 6.43, 6.43); Calibrated: 2012/06/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- 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

Ch1/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.105 mW/g

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

Reference Value = 3.88 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.034 mW/g

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

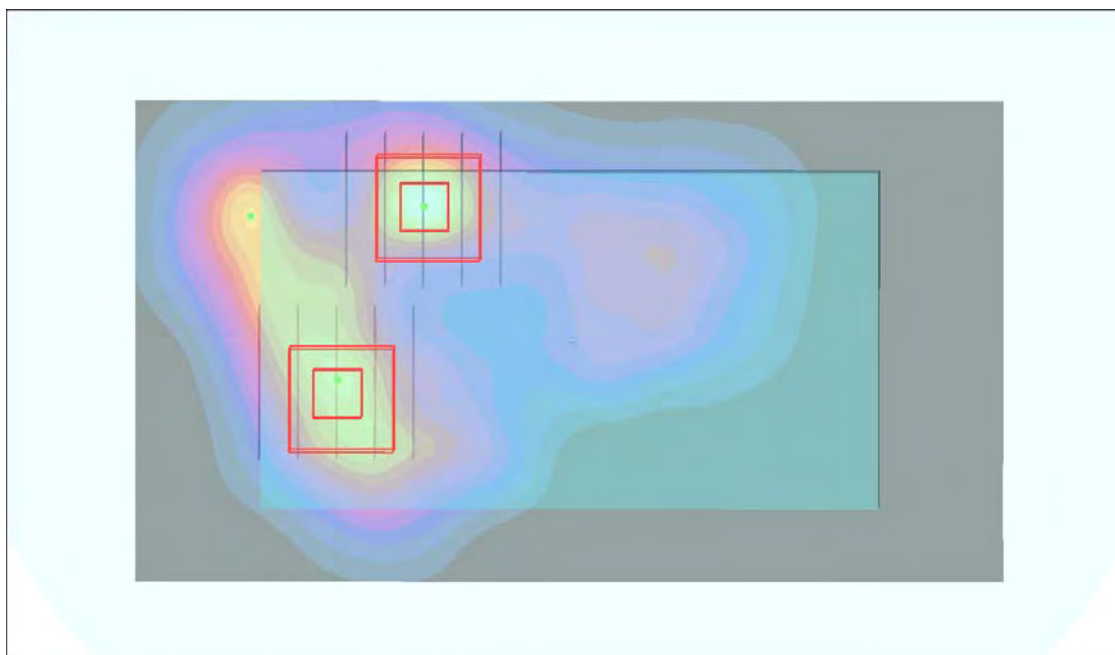
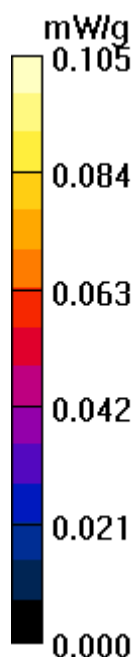
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.88 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.032 mW/g

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



P501 CDMA2000 BC1_RC3+SO55_Left Cheek_Ch1175**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: H1900_1203 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 40.261$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1175/Volume Scan (13x18x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

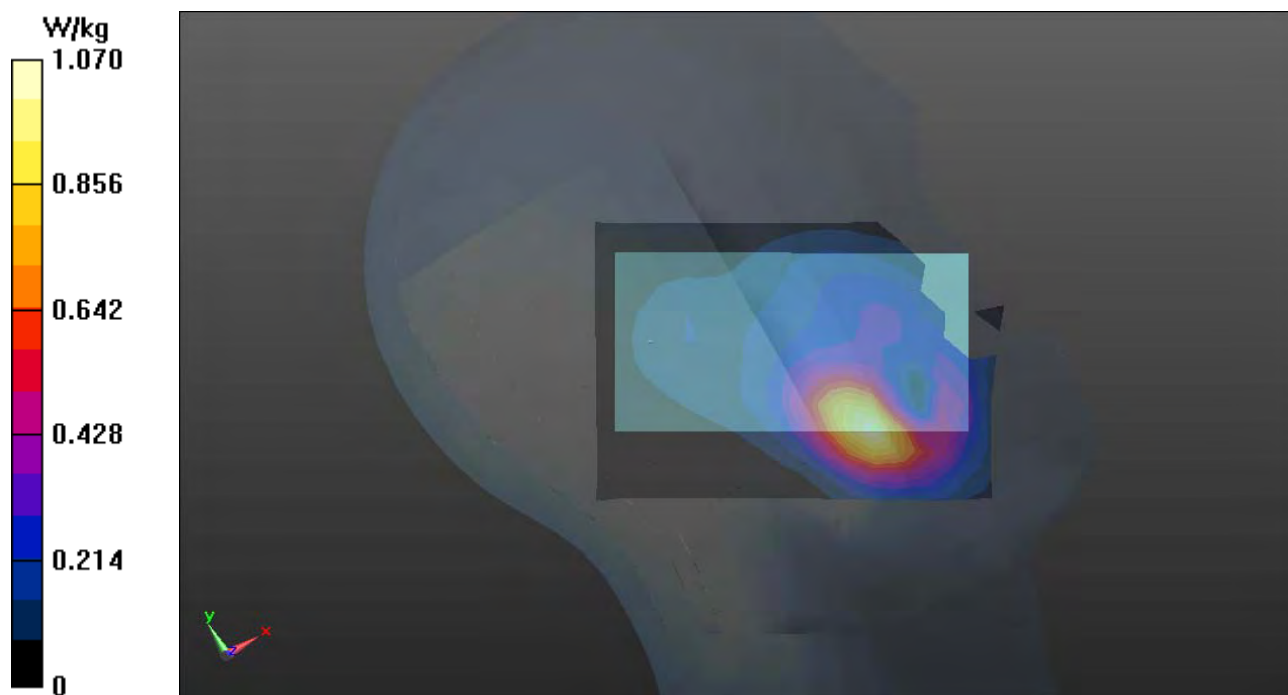
Reference Value = 10.007 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.436 W/kg

Total Absorbed Power = 0.0367 W

Maximum value of SAR (measured) = 1.07 W/kg



P502 LTE 25_QPSK_10M_Left Cheek_Ch26365_1RB_offset 0**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: H1900_1204 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.409$ mho/m; $\epsilon_r = 40.466$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Volume Scan (13x18x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

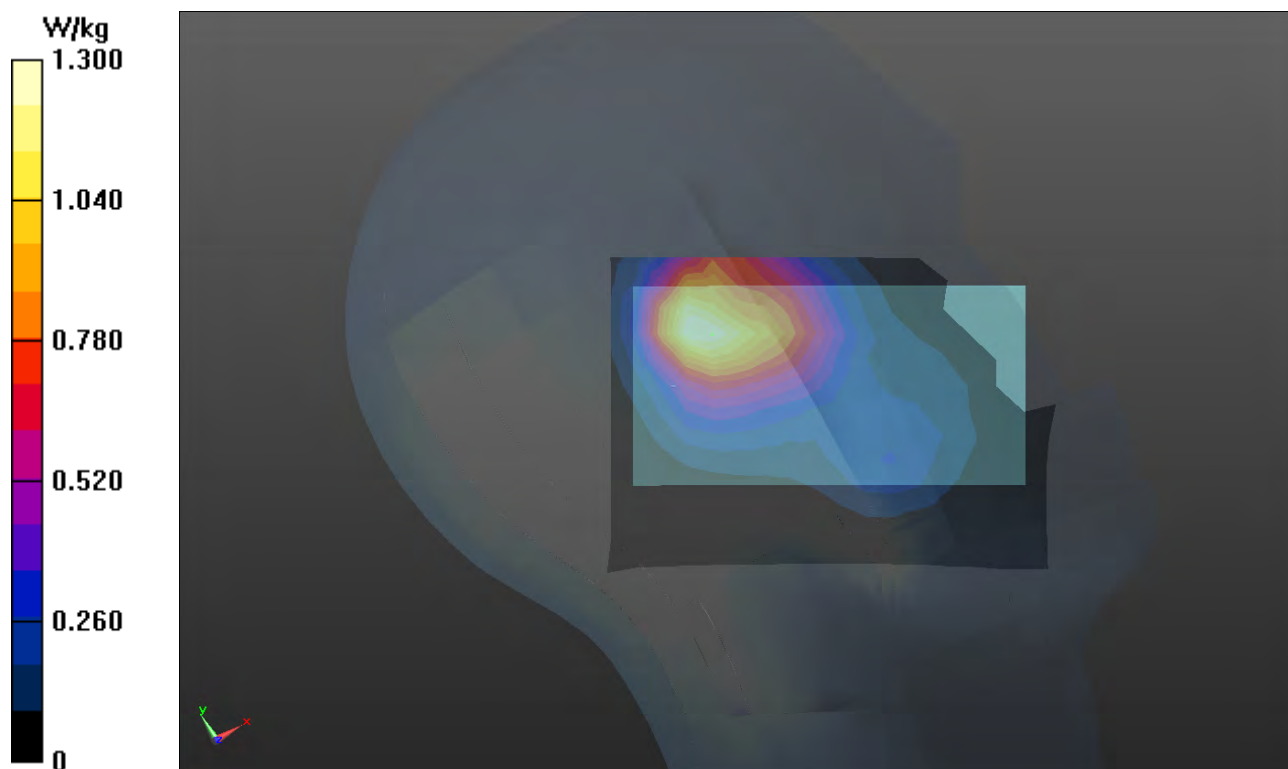
Reference Value = 17.066 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.700 mW/g

SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.527 mW/g

Total Absorbed Power = 0.0344 W

Maximum value of SAR (measured) = 1.30 W/kg



P503 802.11b_Left Cheek_Ch1**DUT: 121012C09**

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

Medium: H2450_1204 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.82$ mho/m; $\epsilon_r = 40.365$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.28, 7.28, 7.28); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Volume Scan (13x18x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

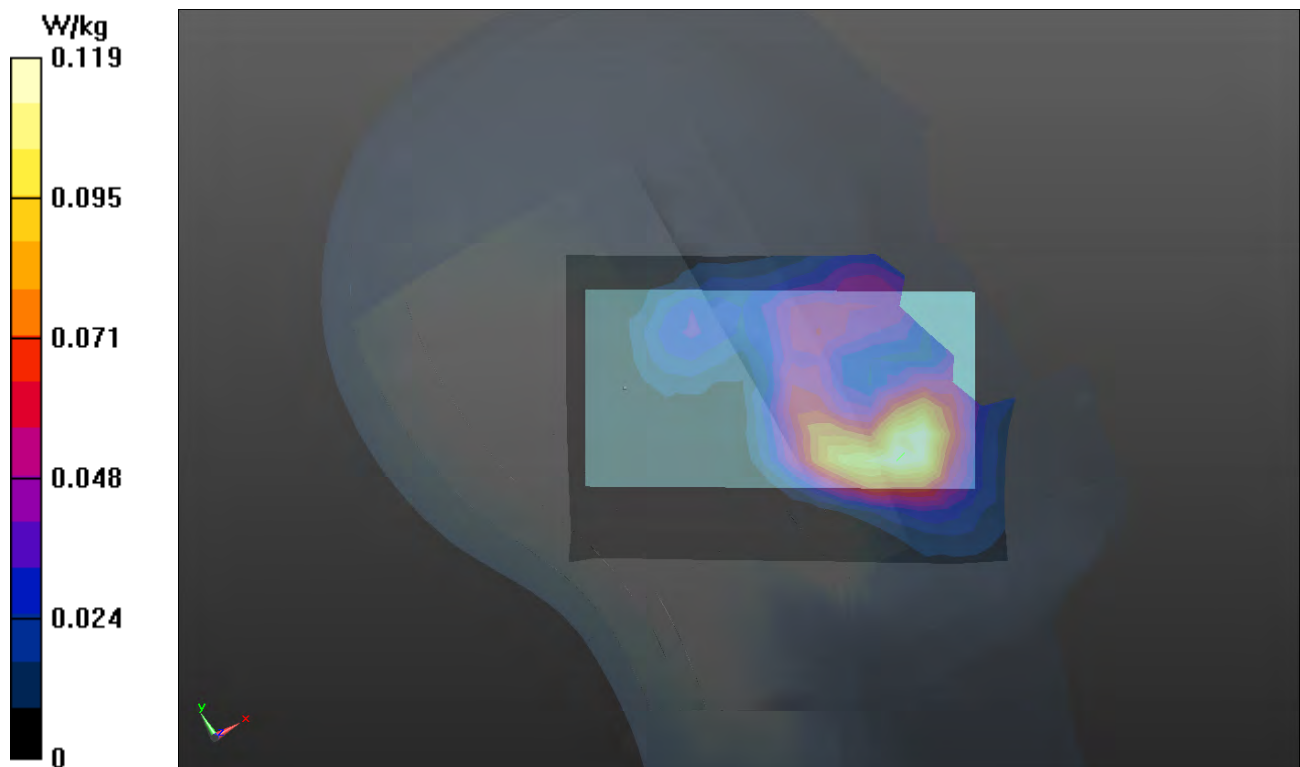
Reference Value = 1.336 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.288 mW/g

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.039 mW/g

Total Absorbed Power = 0.00158 W

Maximum value of SAR (measured) = 0.119 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Multi-Band Average SAR_Left Cheek_CDMA2000 BC1_LTE 25_802.11b

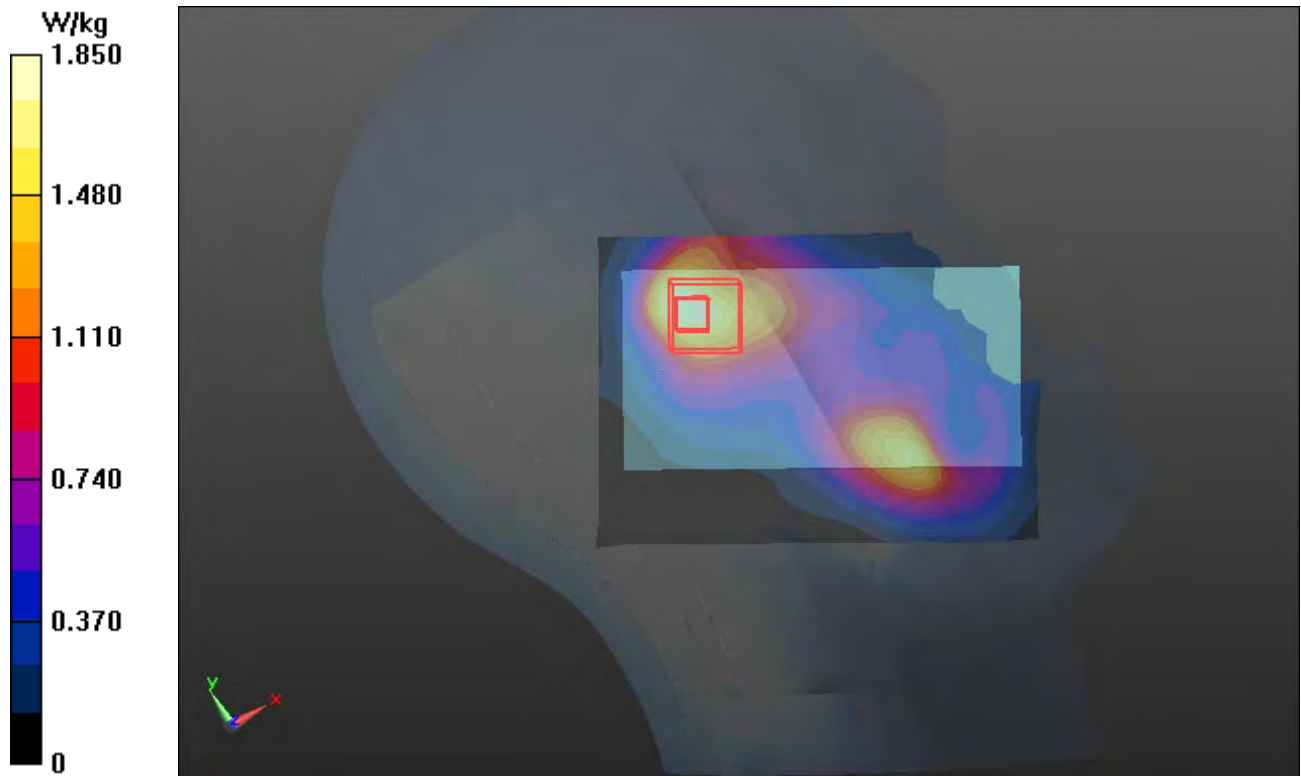
Ambient Temperature : 21.8 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

Multi Band Result:

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.603 W/kg

Maximum value of SAR (interpolated) = 1.85 W/kg



P504 CDMA2000 BC10_RC3+SO55_Left Cheek_Ch684**DUT: 121012C09**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: H835_1204 Medium parameters used : $f = 823.1$ MHz; $\sigma = 0.885$ mho/m; $\epsilon_r = 42.115$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch684/Volume Scan (13x18x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

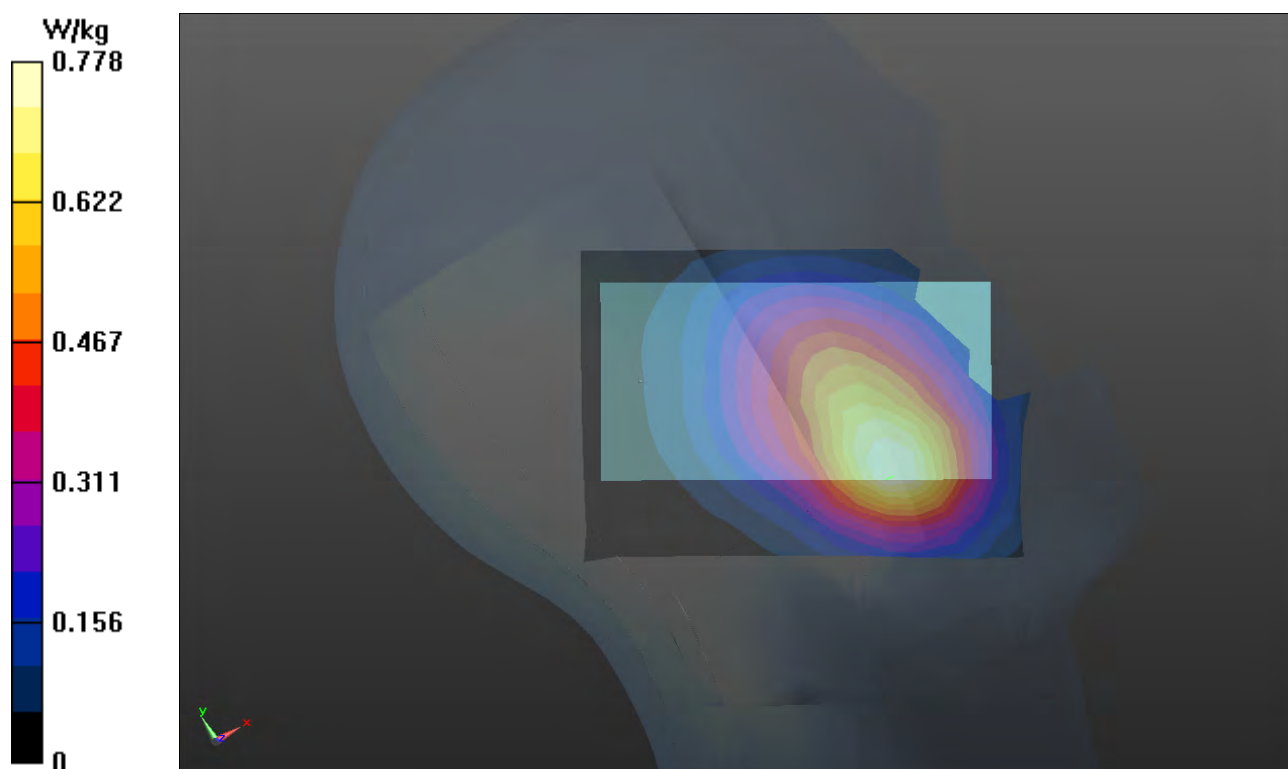
Reference Value = 8.804 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.931 mW/g

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.454 mW/g

Total Absorbed Power = 0.0578 W

Maximum value of SAR (measured) = 0.778 W/kg



P502 LTE 25_QPSK_10M_Left Cheek_Ch26365_1RB_offset 0**DUT: 121012C09**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: H1900_1204 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.409$ mho/m; $\epsilon_r = 40.466$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.13, 8.13, 8.13); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Volume Scan (13x18x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

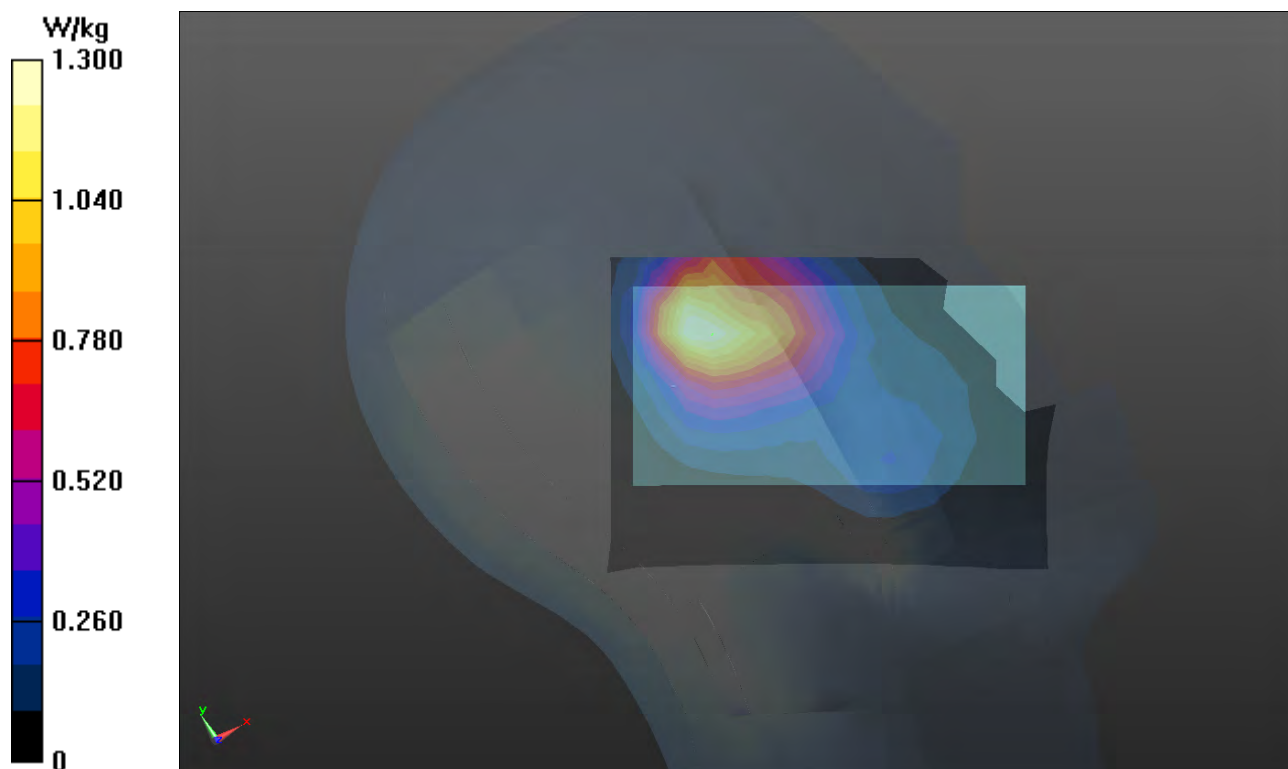
Reference Value = 17.066 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.700 mW/g

SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.527 mW/g

Total Absorbed Power = 0.0344 W

Maximum value of SAR (measured) = 1.30 W/kg



P503 802.11b_Left Cheek_Ch1**DUT: 121012C09**

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

Medium: H2450_1204 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.82$ mho/m; $\epsilon_r = 40.365$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.28, 7.28, 7.28); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Volume Scan (13x18x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

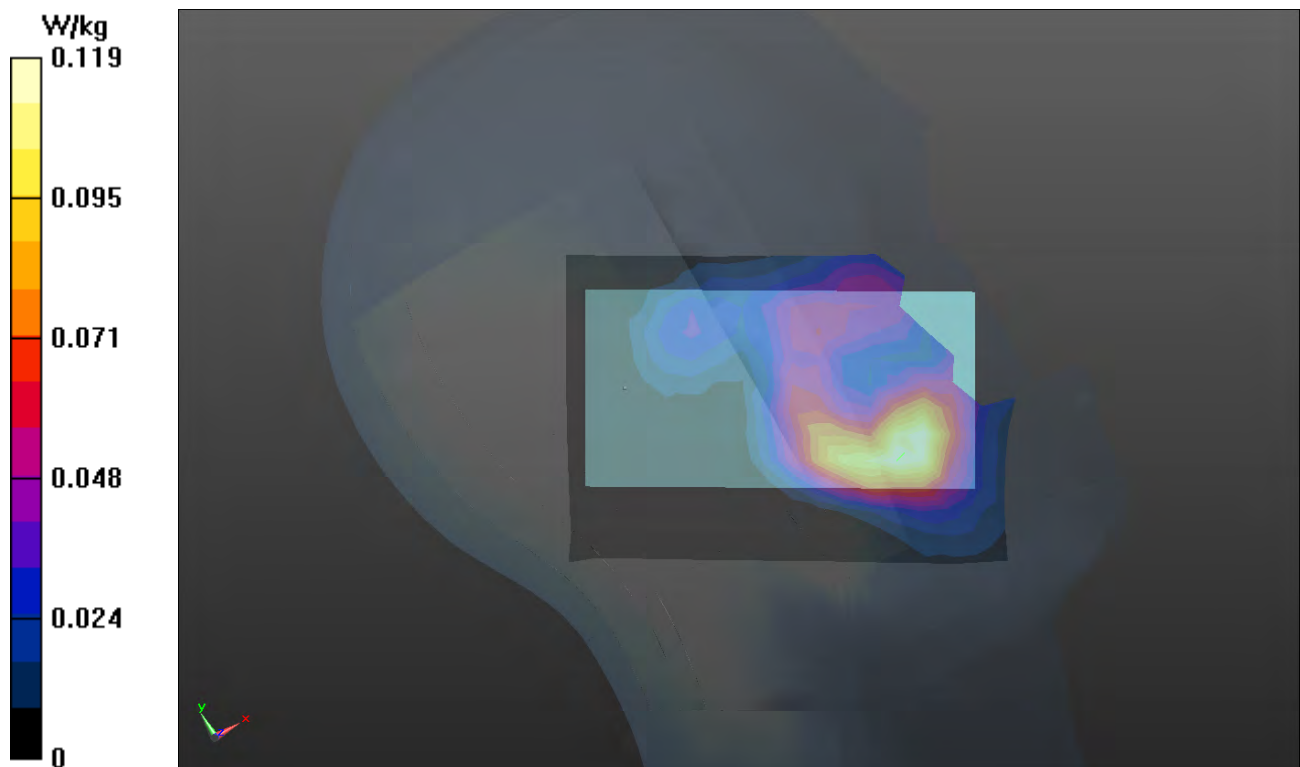
Reference Value = 1.336 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.288 mW/g

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.039 mW/g

Total Absorbed Power = 0.00158 W

Maximum value of SAR (measured) = 0.119 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Multi-Band Average SAR_Left Cheek_CDMA2000 BC10_LTE 25_802.11b

Ambient Temperature.21.6; Liquid Temperature.20.6

DASY5 Configuration:

Multi Band Result:

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.620 W/kg

Maximum value of SAR (interpolated) = 1.77 W/kg

