



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#21 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch1013

DUT: 142501

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_110612 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1013/Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.651 mW/g

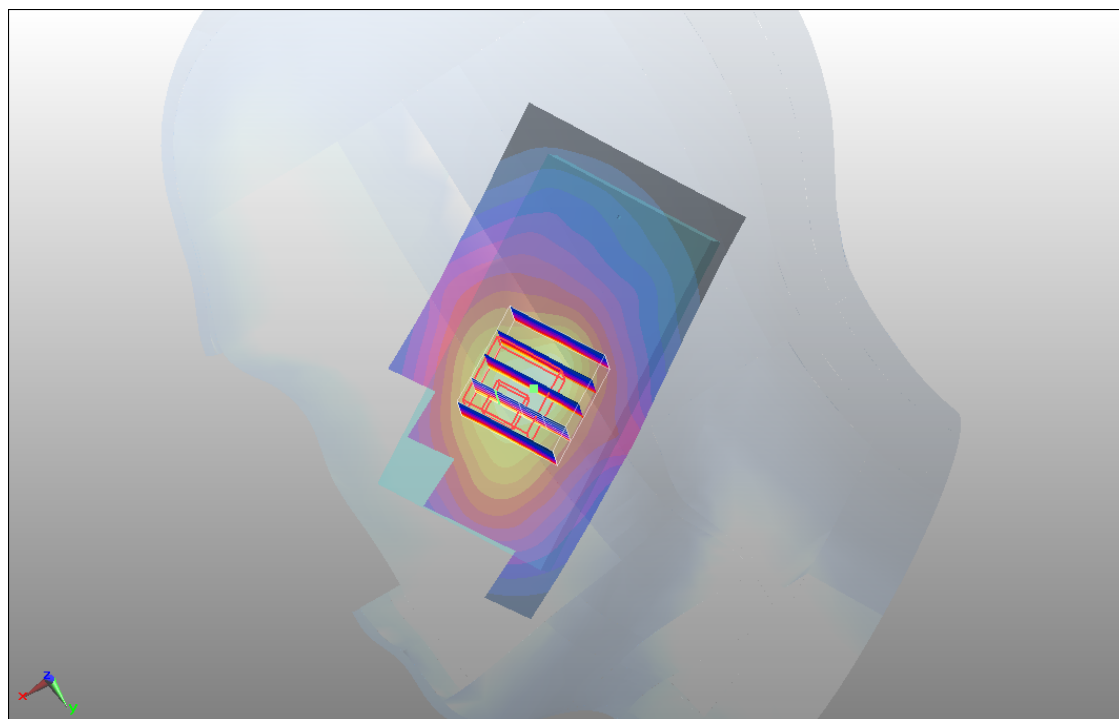
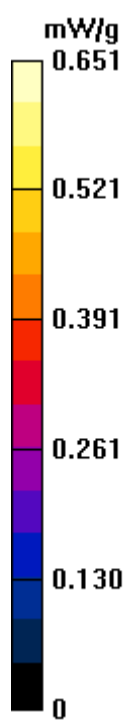
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.6 V/m ; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.735 W/kg

SAR(1 g) = 0.560 mW/g ; SAR(10 g) = 0.401 mW/g

Maximum value of SAR (measured) = 0.601 mW/g



#22 CDMA2000 BC0_RC3 SO55_Right Tilted_Ch1013

DUT: 142501

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_110612 Medium parameters used: $f = 825$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1013/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.391 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.281 mW/g

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

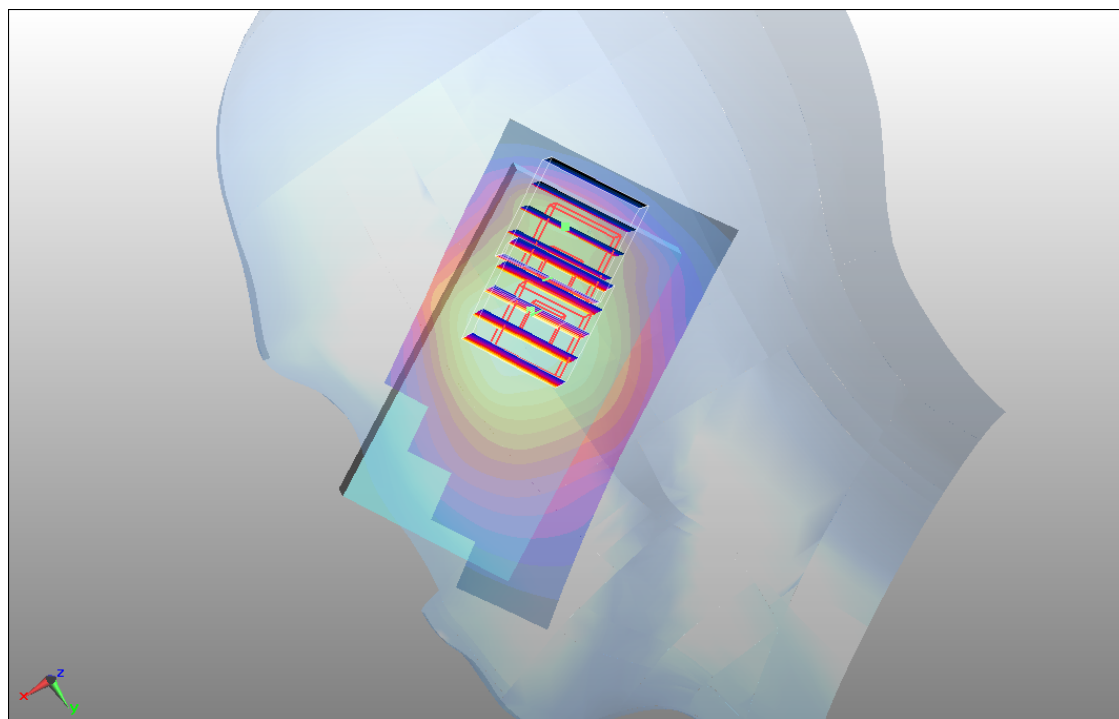
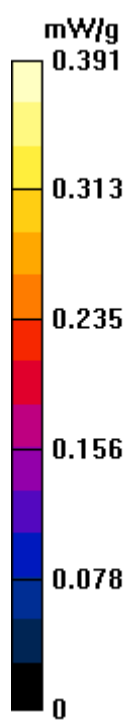
Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.347 mW/g



#23 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch1013

DUT: 142501

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_110612 Medium parameters used: $f = 825$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1013/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.664 mW/g

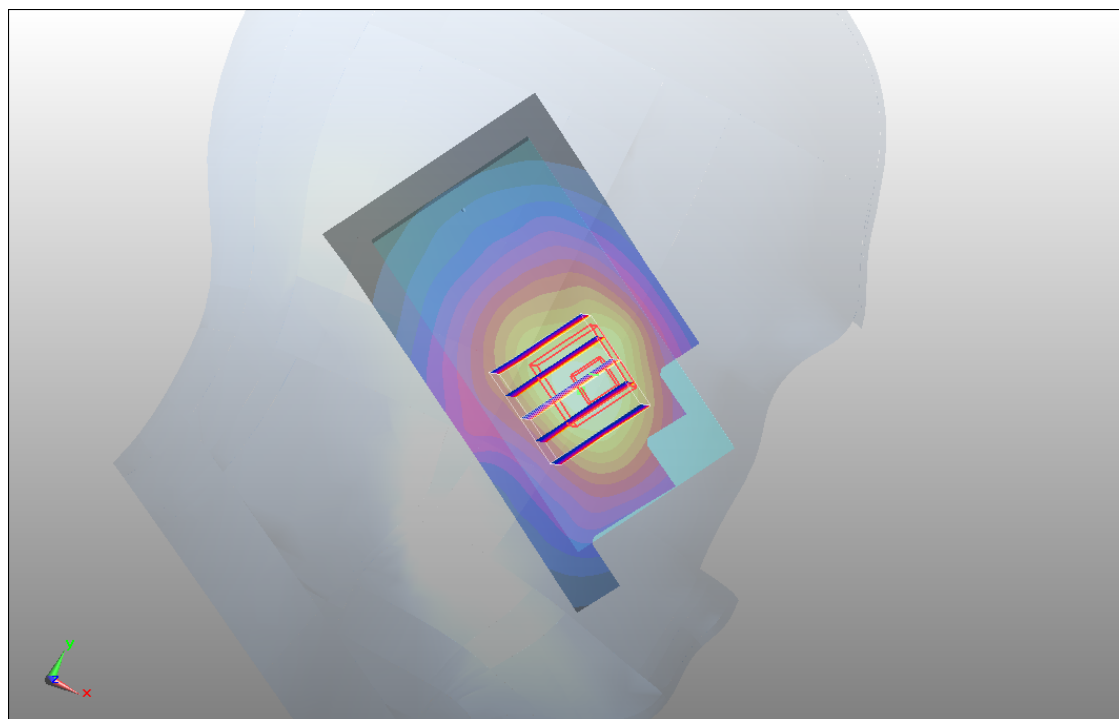
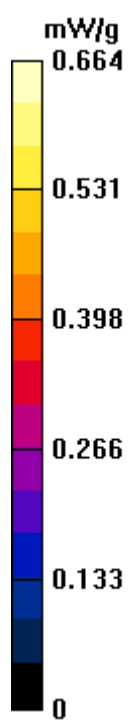
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.453 mW/g

Maximum value of SAR (measured) = 0.656 mW/g



#23 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch1013_2D

DUT: 142501

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_110612 Medium parameters used: $f = 825$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1013/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.664 mW/g

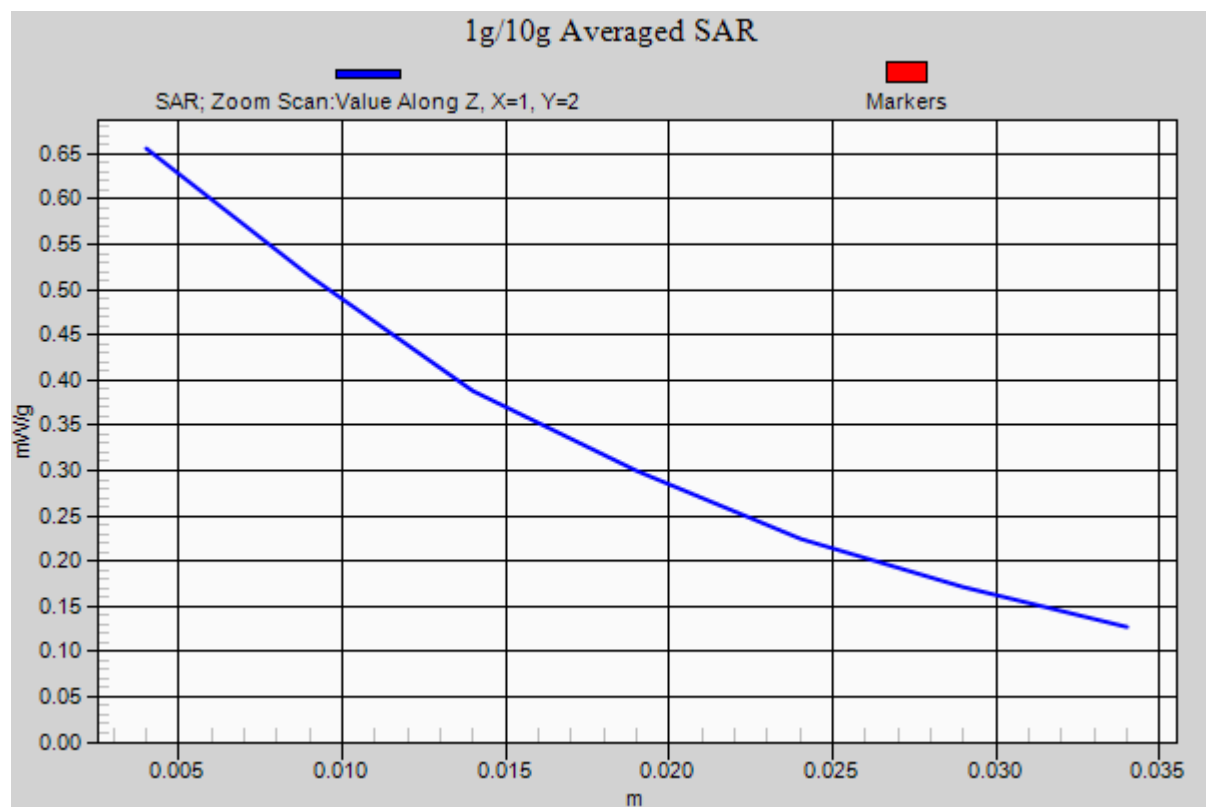
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.453 mW/g

Maximum value of SAR (measured) = 0.656 mW/g



#24 CDMA2000 BC0_RC3 SO55_Left Tilted_Ch1013

DUT: 142501

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_110612 Medium parameters used: $f = 825$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1013/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.282 mW/g

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

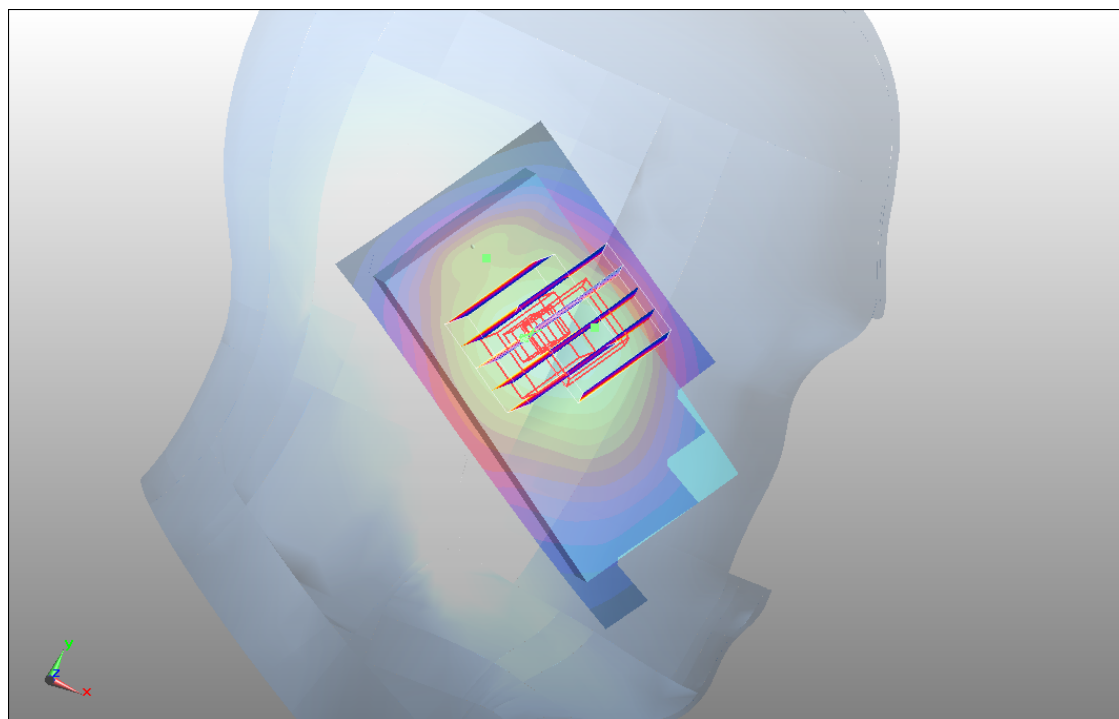
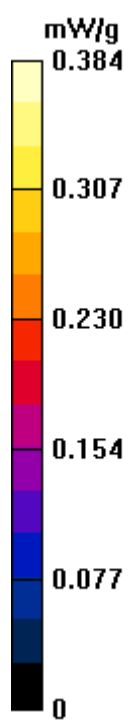
Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.390 mW/g



#01 CDMA2000 BC15_RC3 SO55_Right Cheek_Ch25

DUT: 142501

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_110611 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r =$

41.6; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch25/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.15 mW/g

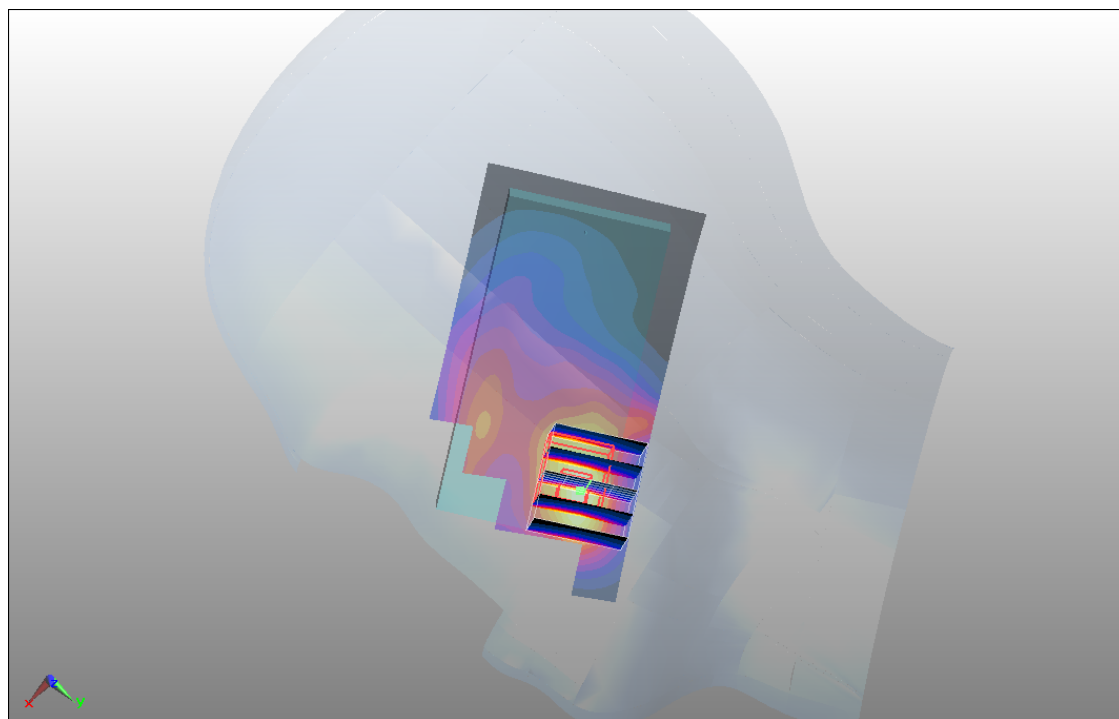
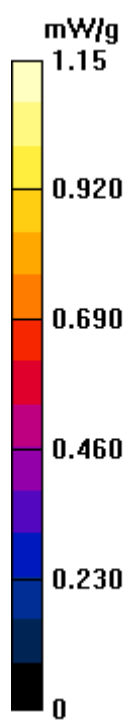
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.636 mW/g

Maximum value of SAR (measured) = 1.16 mW/g



#02 CDMA2000 BC15_RC3 SO55_Right Tilted_Ch25

DUT: 142501

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_110611 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r =$

41.6; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch25/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

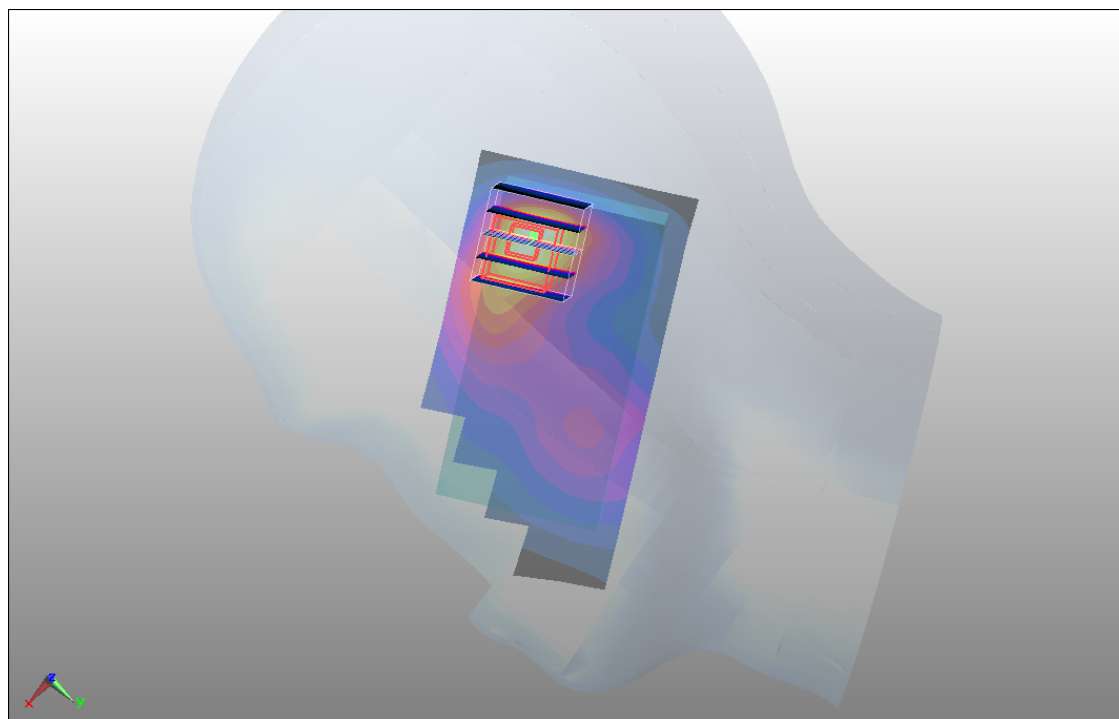
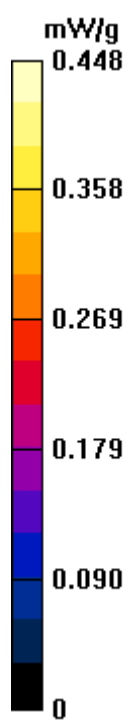
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.580 W/kg

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.237 mW/g

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



#03 CDMA2000 BC15_RC3 SO55_Left Cheek_Ch25

DUT: 142501

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_110611 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r =$

41.6; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch25/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.944 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.22 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.631 mW/g

Maximum value of SAR (measured) = 1.06 mW/g

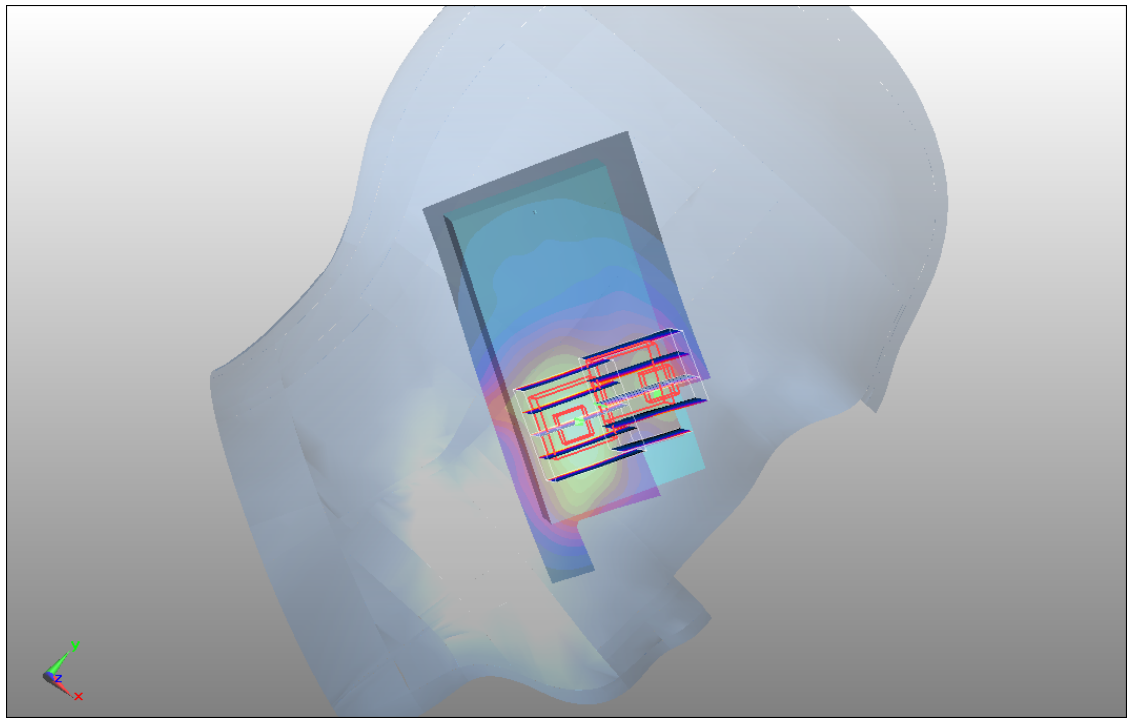
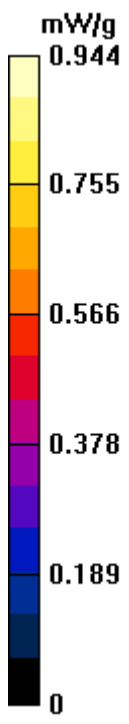
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.22 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.436 mW/g

Maximum value of SAR (measured) = 0.730 mW/g



#04 CDMA2000 BC15_RC3 SO55_Left Tilted_Ch25

DUT: 142501

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_110611 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r =$

41.6; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch25/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.233 mW/g

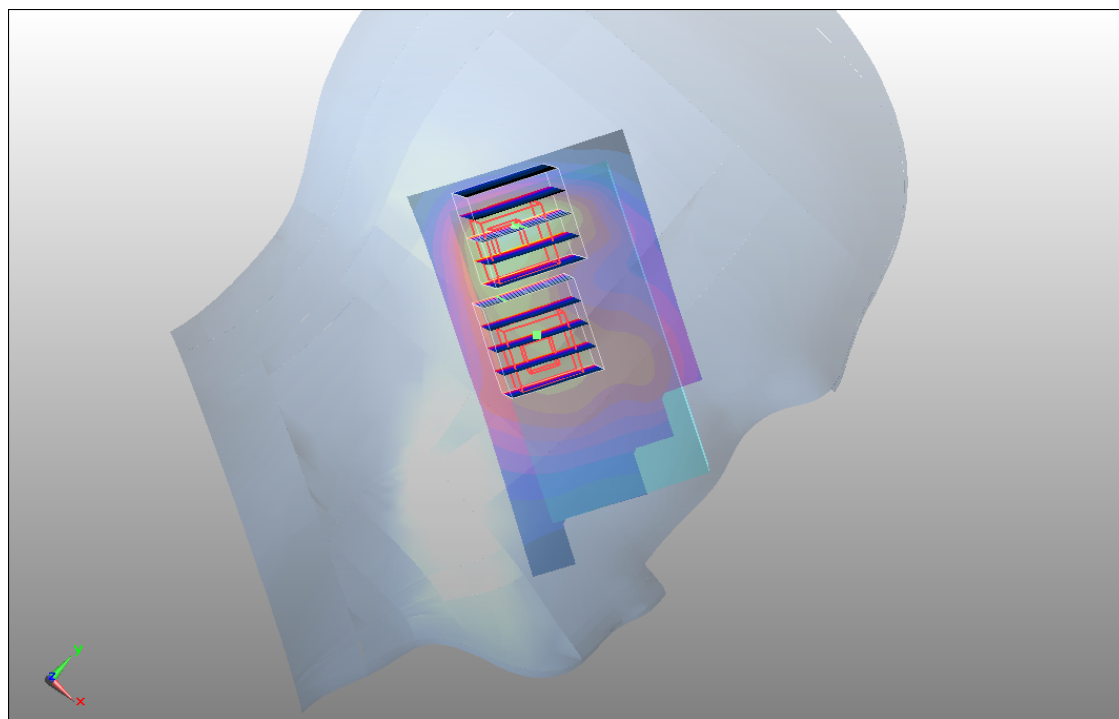
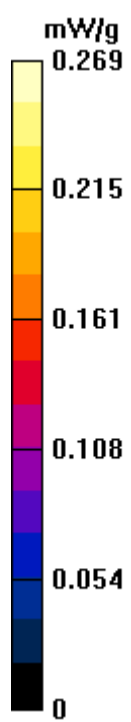
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.197 mW/g



#05 CDMA2000 BC15_RC3 SO55_Right Cheek_Ch425

DUT: 142501

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_110611 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r =$

41.5; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch425/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 mW/g

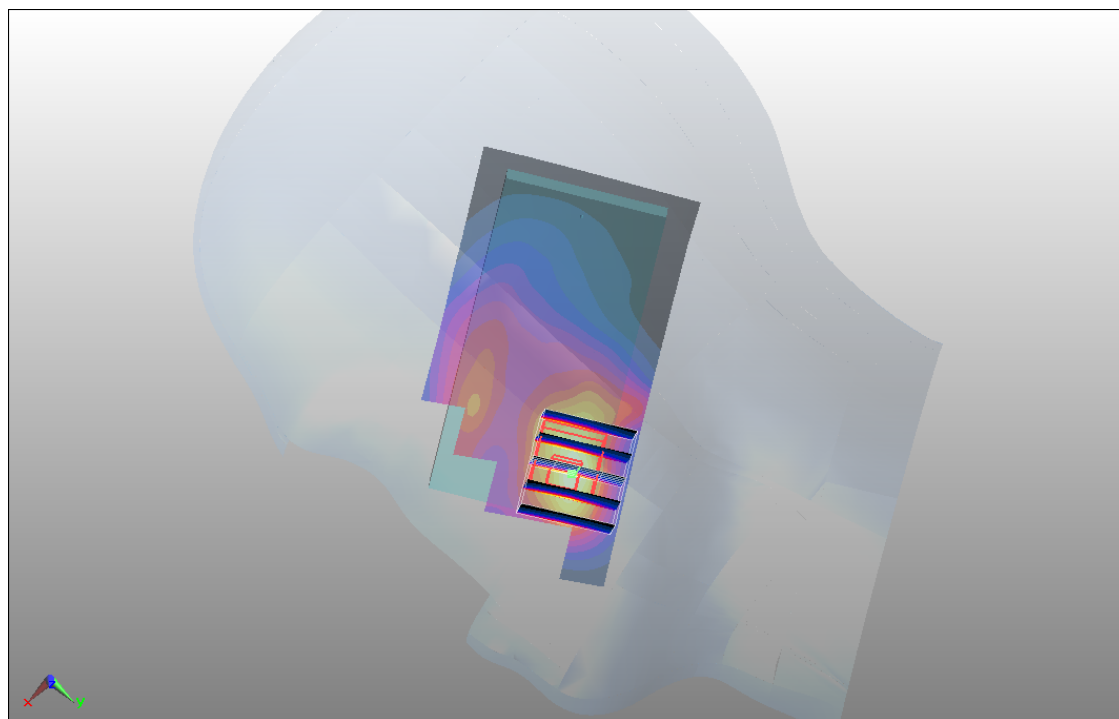
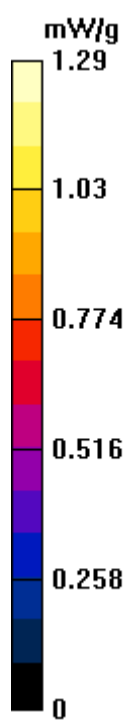
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.717 mW/g

Maximum value of SAR (measured) = 1.31 mW/g



#05 CDMA2000 BC15_RC3 SO55_Right Cheek_Ch425_2D

DUT: 142501

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_110611 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r =$

41.5; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch425/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 mW/g

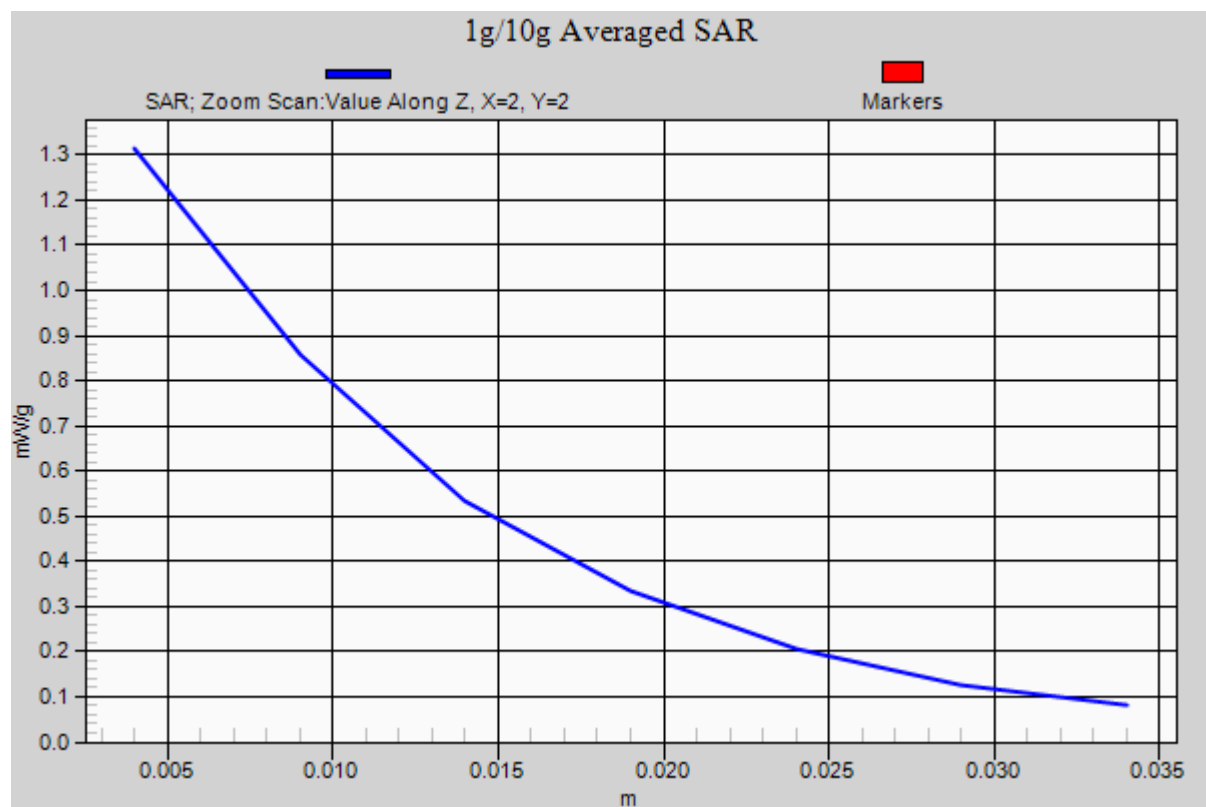
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.717 mW/g

Maximum value of SAR (measured) = 1.31 mW/g



#06 CDMA2000 BC15_RC3 SO55_Right Cheek_Ch875

DUT: 142501

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: HSL_1800_110611 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch875/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 mW/g

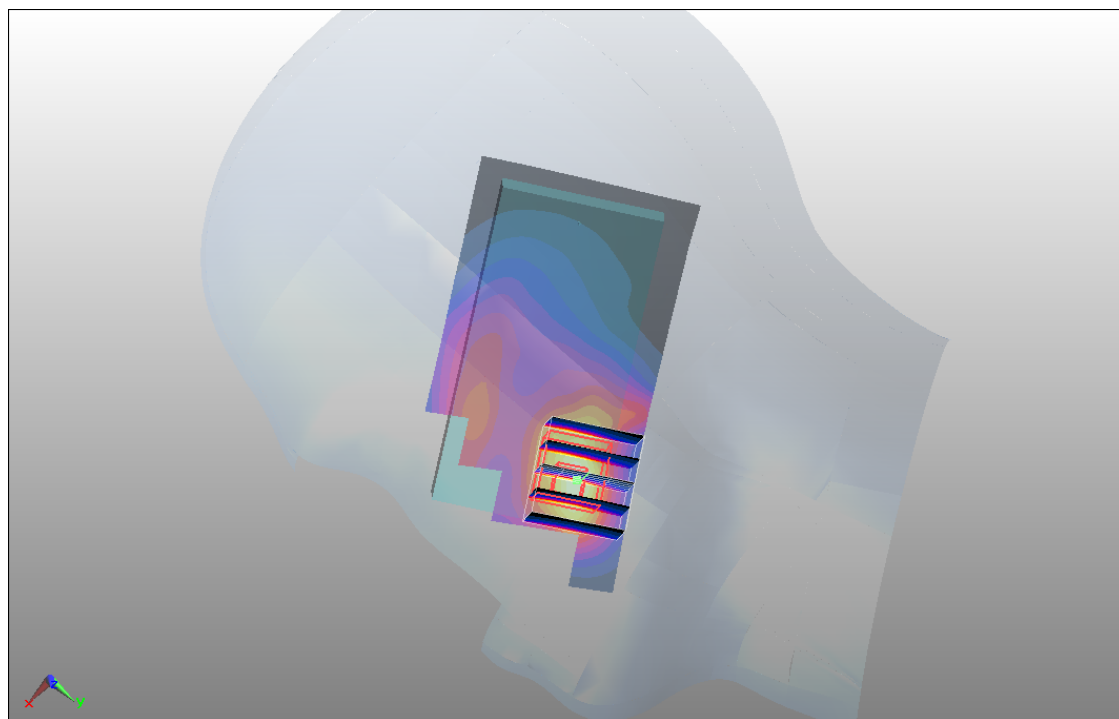
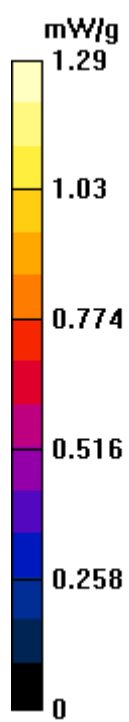
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.84 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.711 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



#07 CDMA2000 BC15_RC3 SO55_Left Cheek_Ch425

DUT: 142501

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_110611 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r =$

41.5; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch425/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.24 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.746 mW/g

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

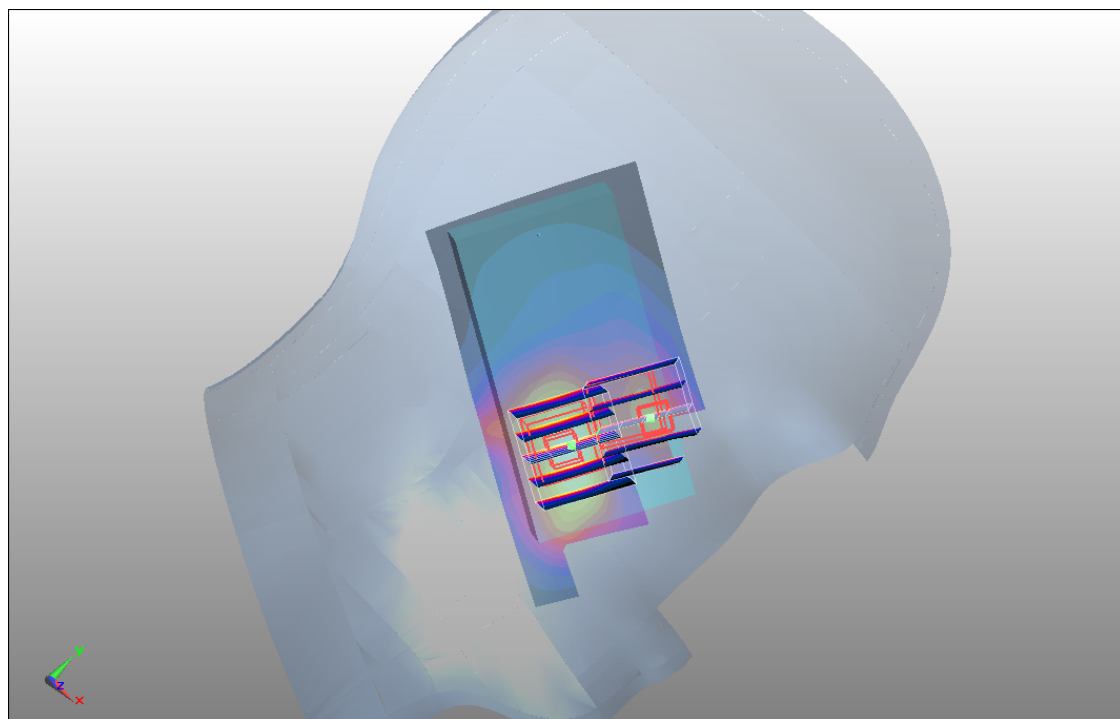
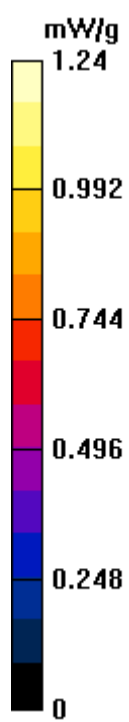
Ch425/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (measured) = 0.867 mW/g



#08 CDMA2000 BC15_RC3 SO55_Left Cheek_Ch875

DUT: 142501

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: HSL_1800_110611 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch875/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.643 mW/g

Maximum value of SAR (measured) = 1.15 mW/g

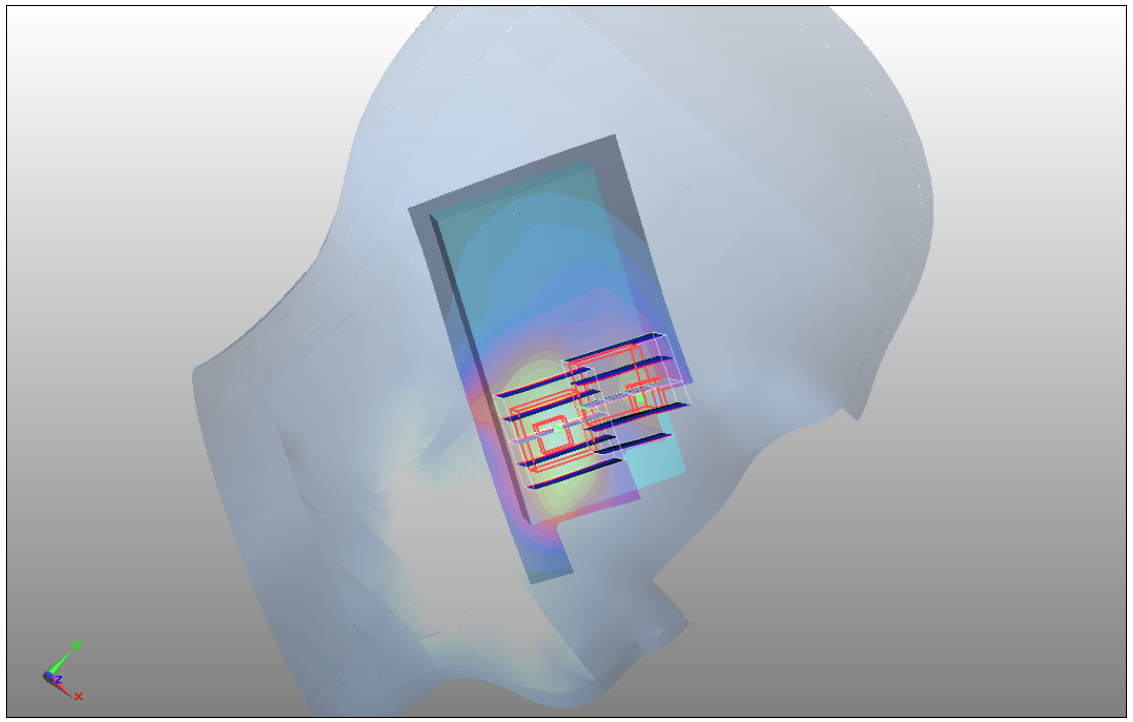
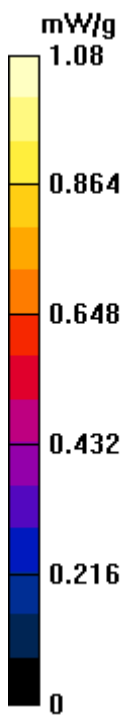
Ch875/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.428 mW/g

Maximum value of SAR (measured) = 0.723 mW/g



#09 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch1175

DUT: 142501

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

Medium: HSL_1900_110611 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1175/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.51 mW/g

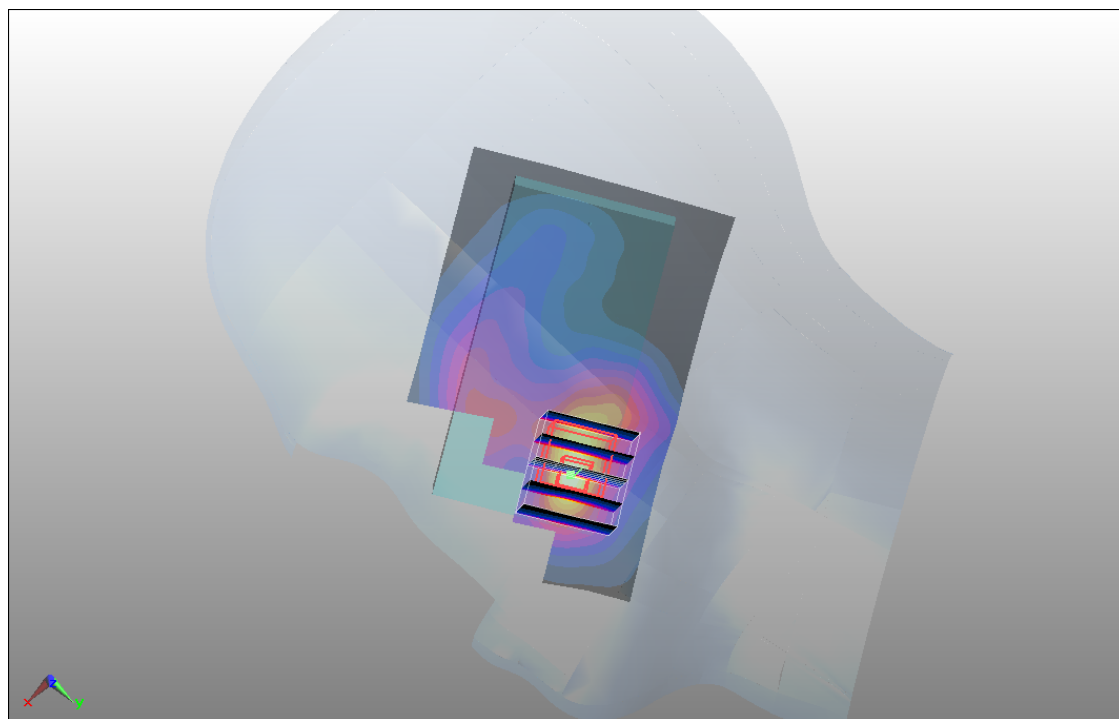
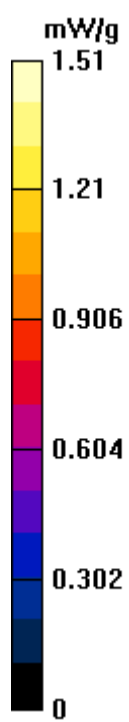
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.705 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



#10 CDMA2000 BC1_RC3 SO55_Right Tilted_Ch1175

DUT: 142501

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

Medium: HSL_1900_110611 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1175/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.677 mW/g

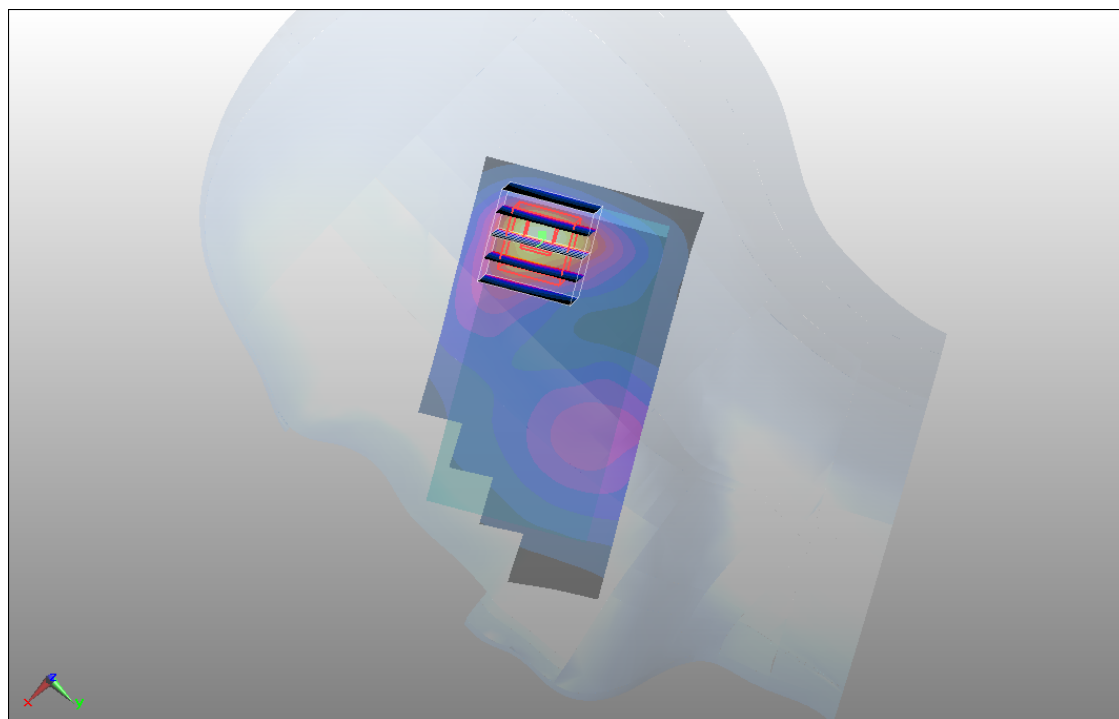
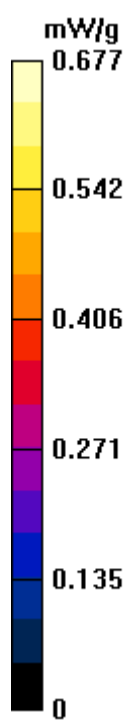
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.881 W/kg

SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.306 mW/g

Maximum value of SAR (measured) = 0.584 mW/g



#11 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch1175

DUT: 142501

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

Medium: HSL_1900_110611 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1175/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.1 mW/g

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

Reference Value = 11.7 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.983 mW/g; SAR(10 g) = 0.603 mW/g

Maximum value of SAR (measured) = 1.05 mW/g

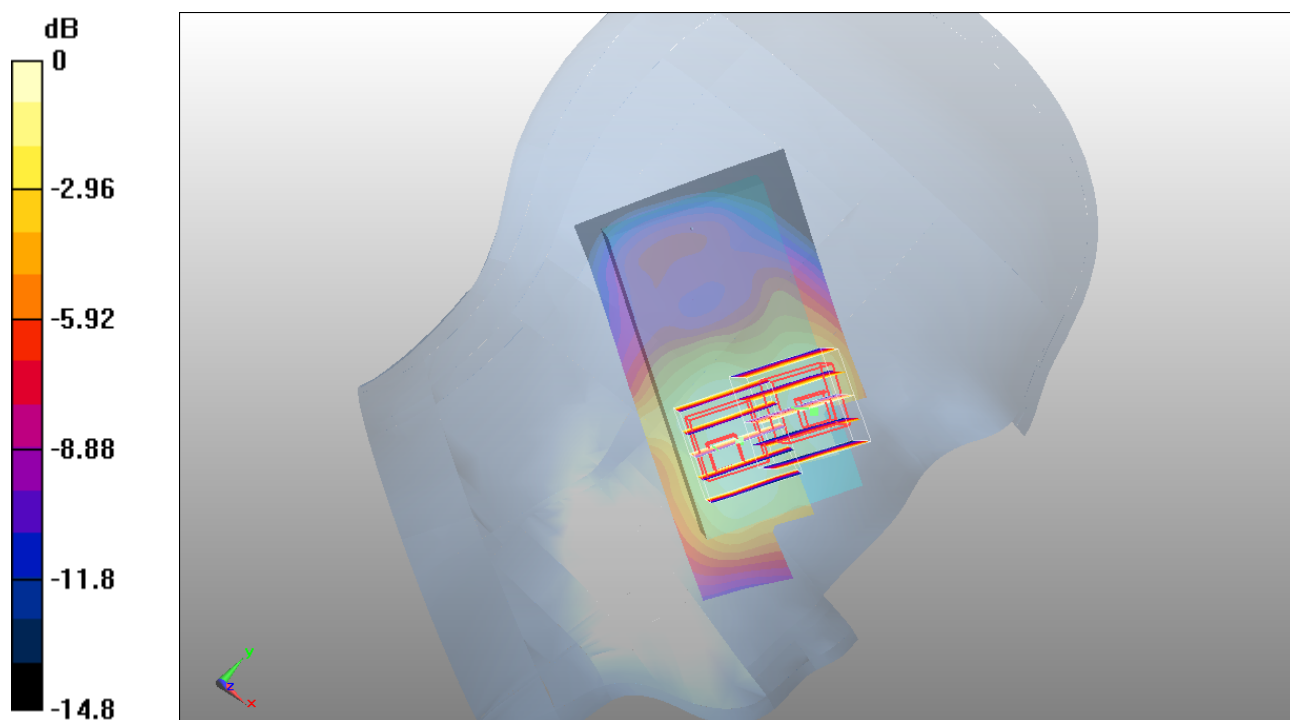
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.587 mW/g

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



0 dB = 1.04mW/g

#12 CDMA2000 BC1_RC3 SO55_Left Tilted_Ch1175

DUT: 142501

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

Medium: HSL_1900_110611 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1175/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.395 mW/g

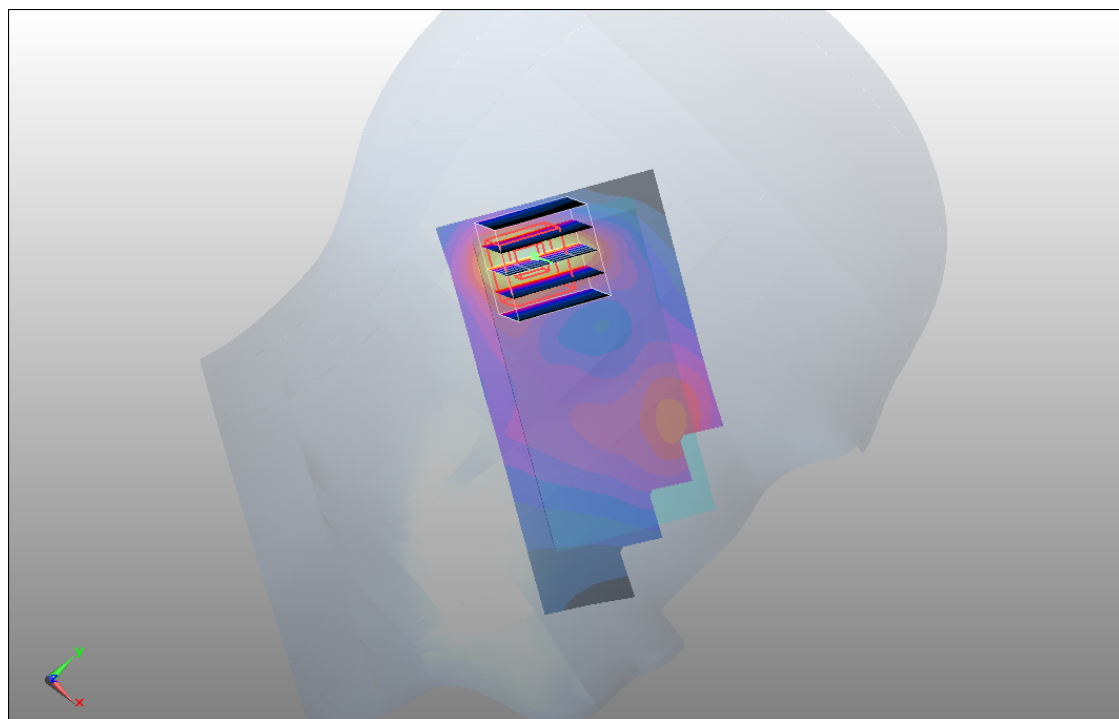
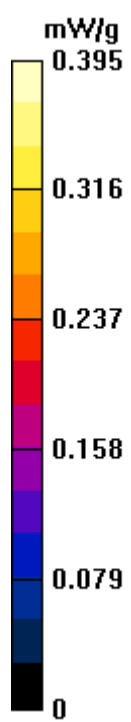
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.366 mW/g



#13 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch25

DUT: 142501

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110611 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.1$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch25/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.54 mW/g

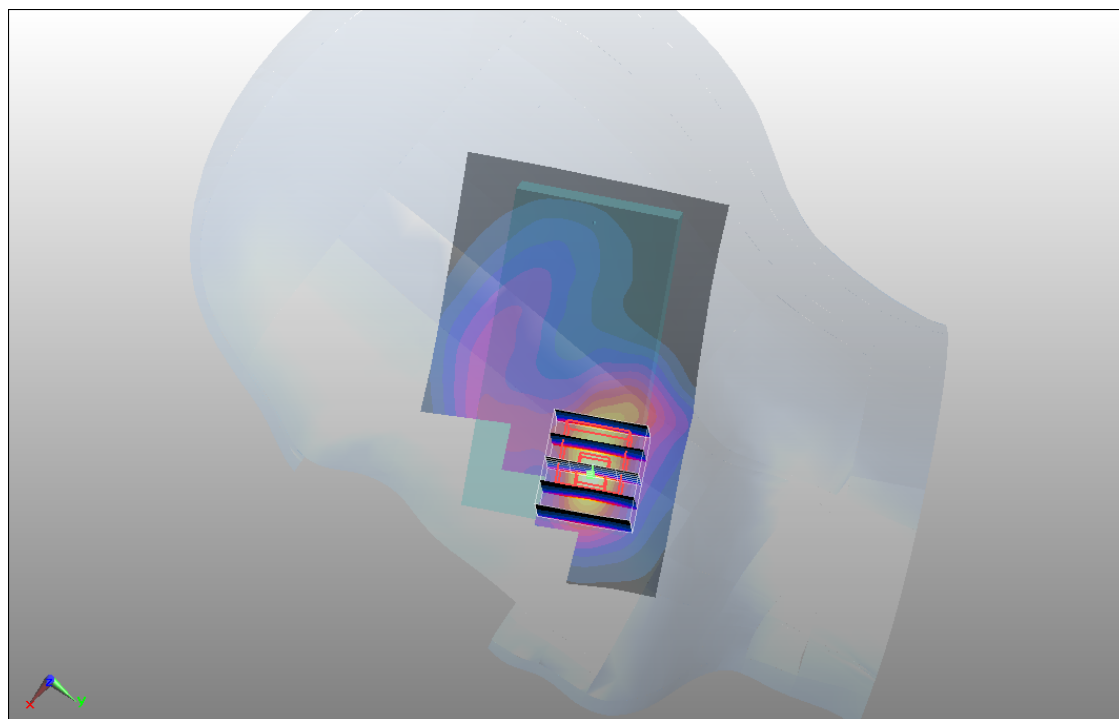
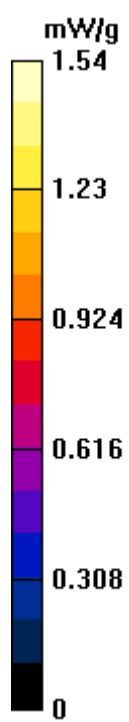
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.733 mW/g

Maximum value of SAR (measured) = 1.48 mW/g



#13 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch25_2D

DUT: 142501

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110611 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.1$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch25/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.54 mW/g

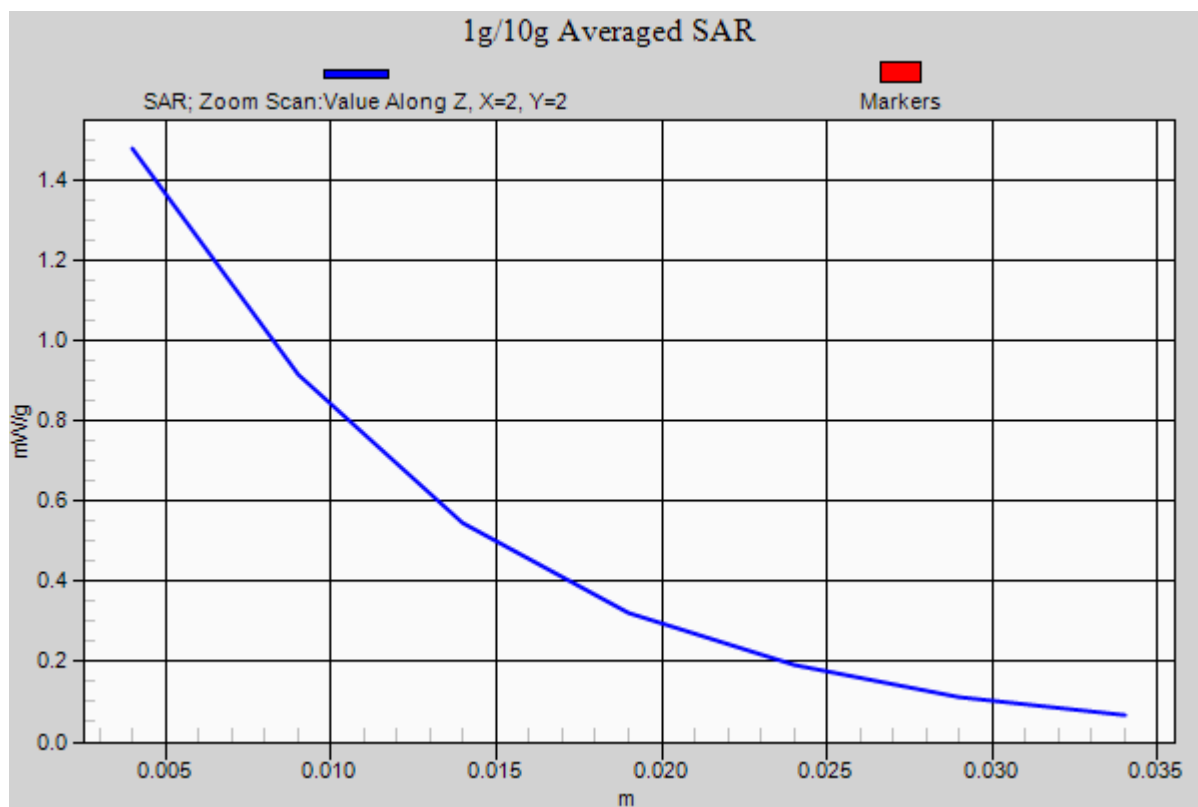
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.733 mW/g

Maximum value of SAR (measured) = 1.48 mW/g



#14 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch600

DUT: 142501

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110611 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch600/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.53 mW/g

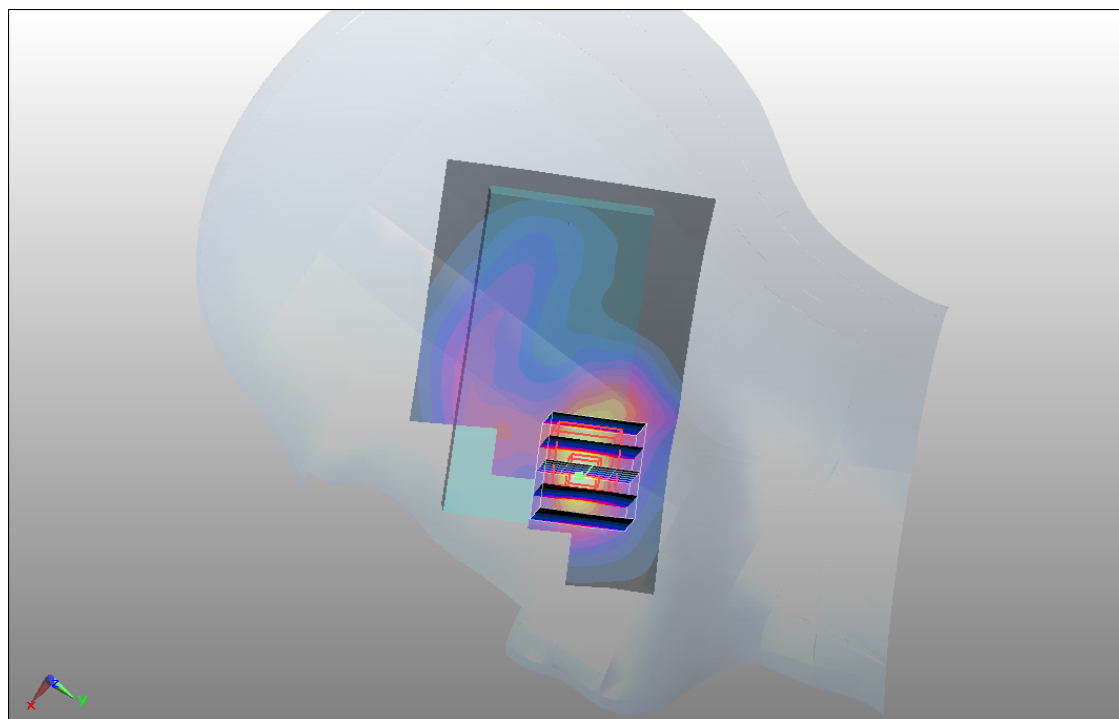
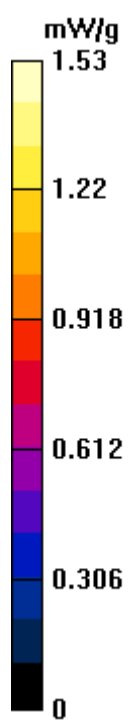
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.718 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



#15 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch25

DUT: 142501

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110611 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.1$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch25/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.06 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.608 mW/g

Maximum value of SAR (measured) = 1.06 mW/g

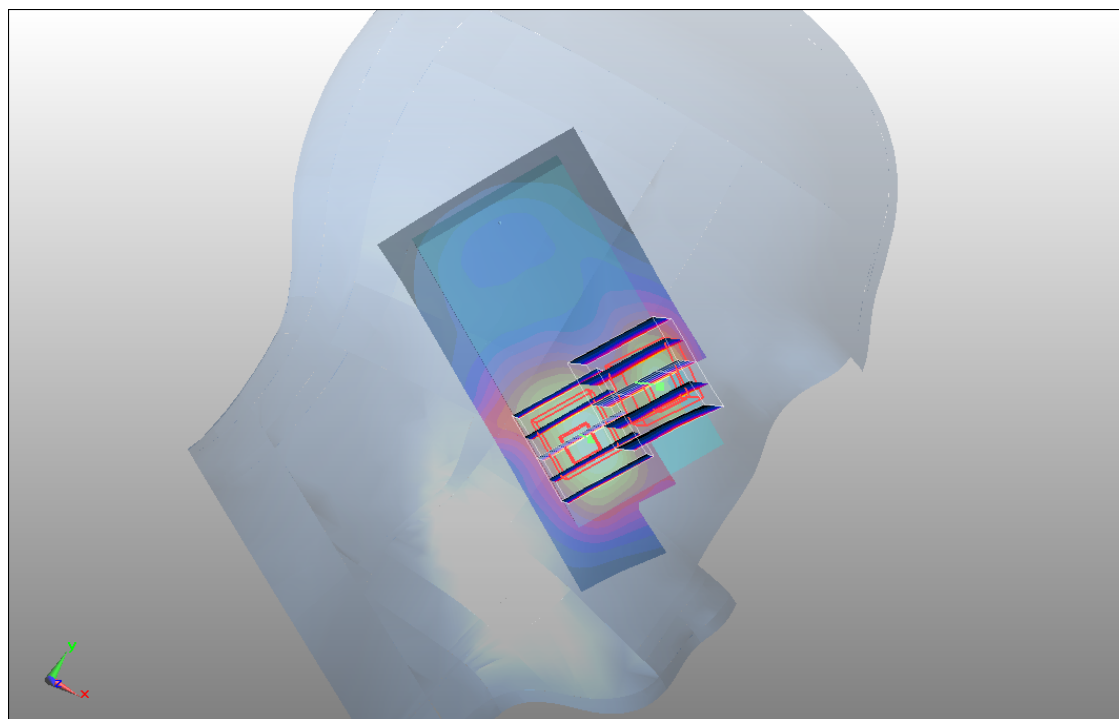
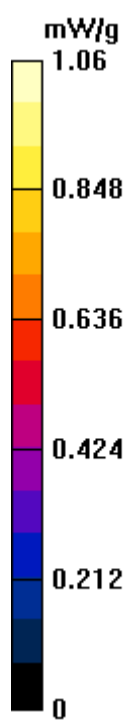
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.520 mW/g

Maximum value of SAR (measured) = 0.964 mW/g



#16 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch600

DUT: 142501

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110611 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch600/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.05 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.562 mW/g

Maximum value of SAR (measured) = 1.03 mW/g

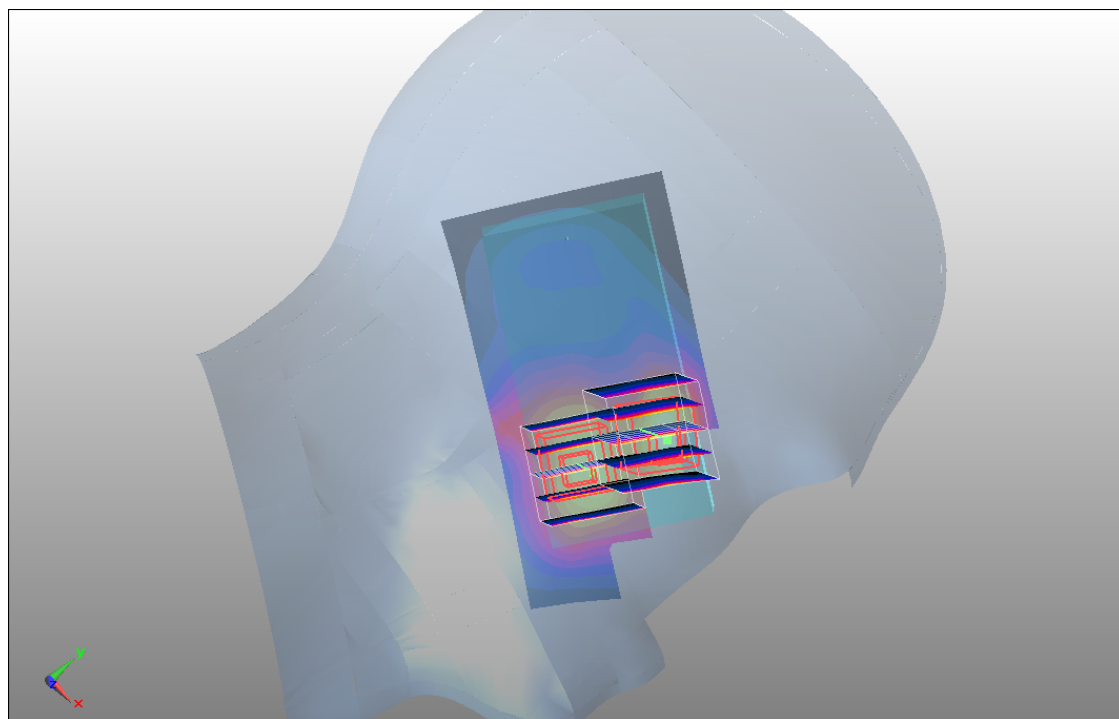
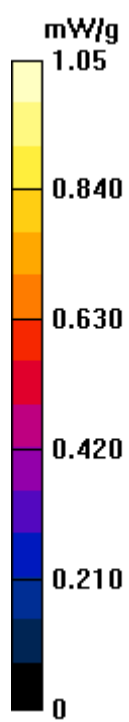
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.555 mW/g

Maximum value of SAR (measured) = 0.928 mW/g



#25 CDMA2000 BC0_RC3 SO32_Face_1.5cm_Ch1013

DUT: 142501

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_110612 Medium parameters used: $f = 825$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1013/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.390 mW/g

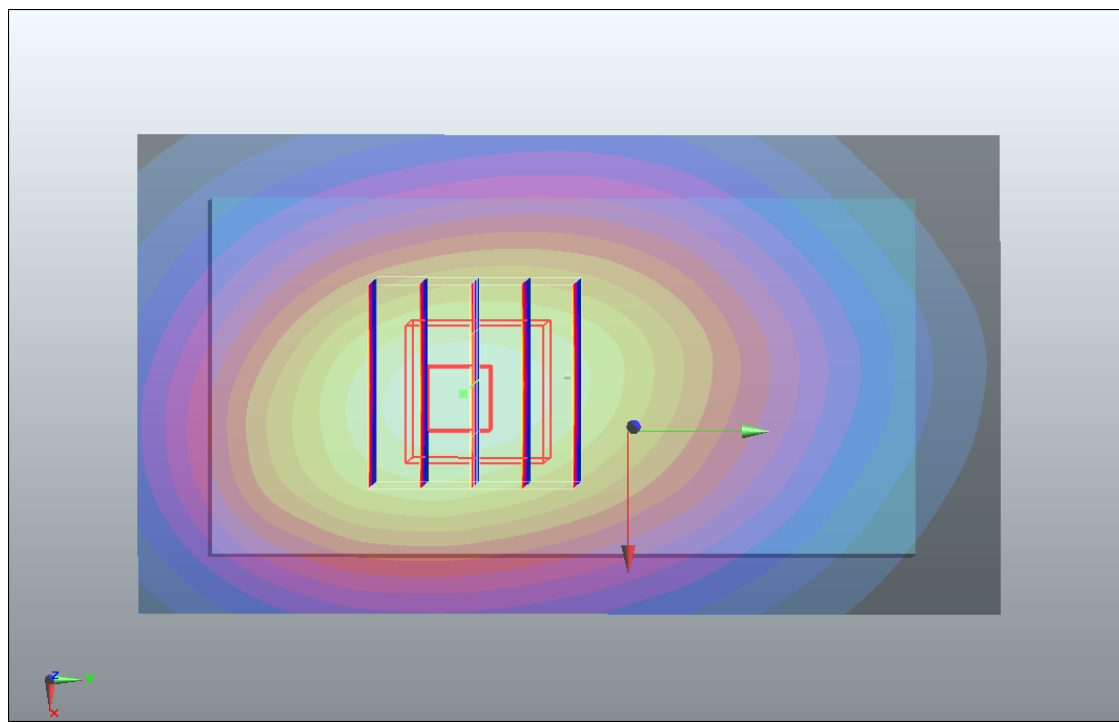
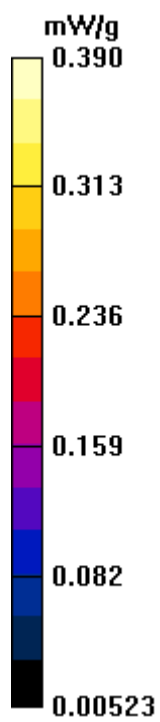
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.450 W/kg

SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.263 mW/g

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



#26 CDMA2000 BC0_RC3 SO32_Bottom_1.5cm_Ch1013

DUT: 142501

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_110612 Medium parameters used: $f = 825$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1013/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.759 mW/g

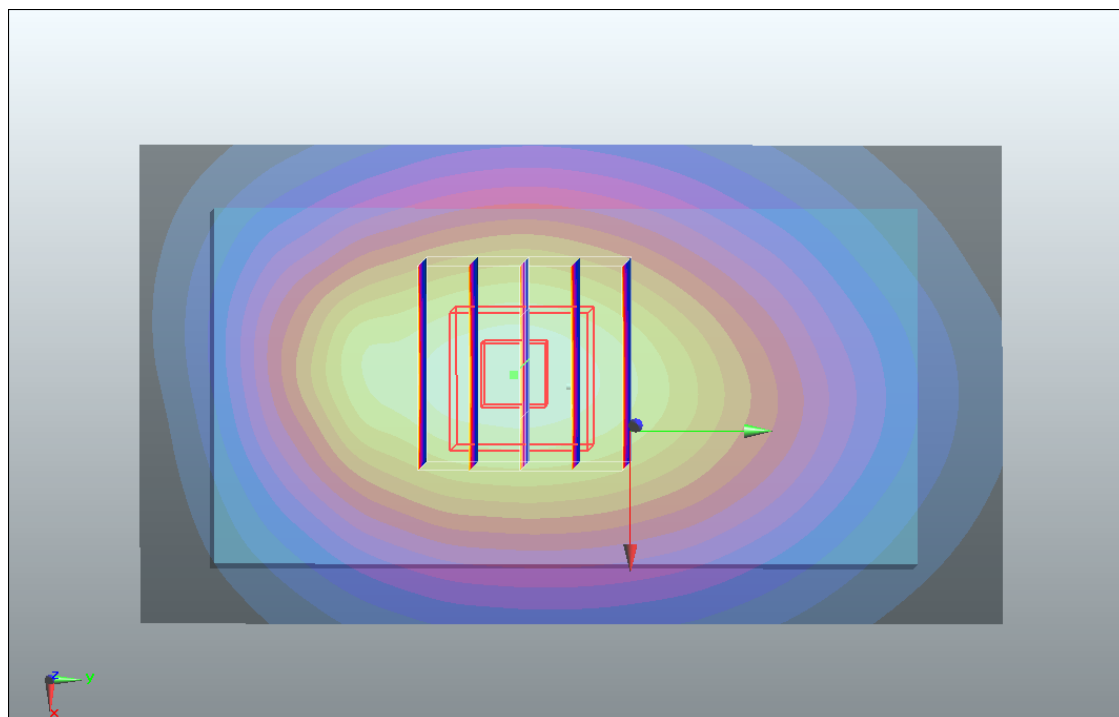
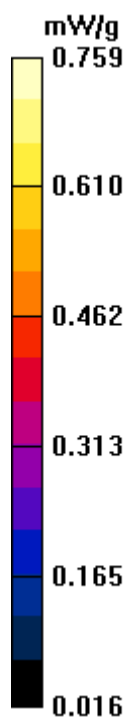
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.6 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.507 mW/g

Maximum value of SAR (measured) = 0.740 mW/g



#26 CDMA2000 BC0_RC3 SO32_Bottom_1.5cm_Ch1013_2D

DUT: 142501

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_110612 Medium parameters used: $f = 825$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1013/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.759 mW/g

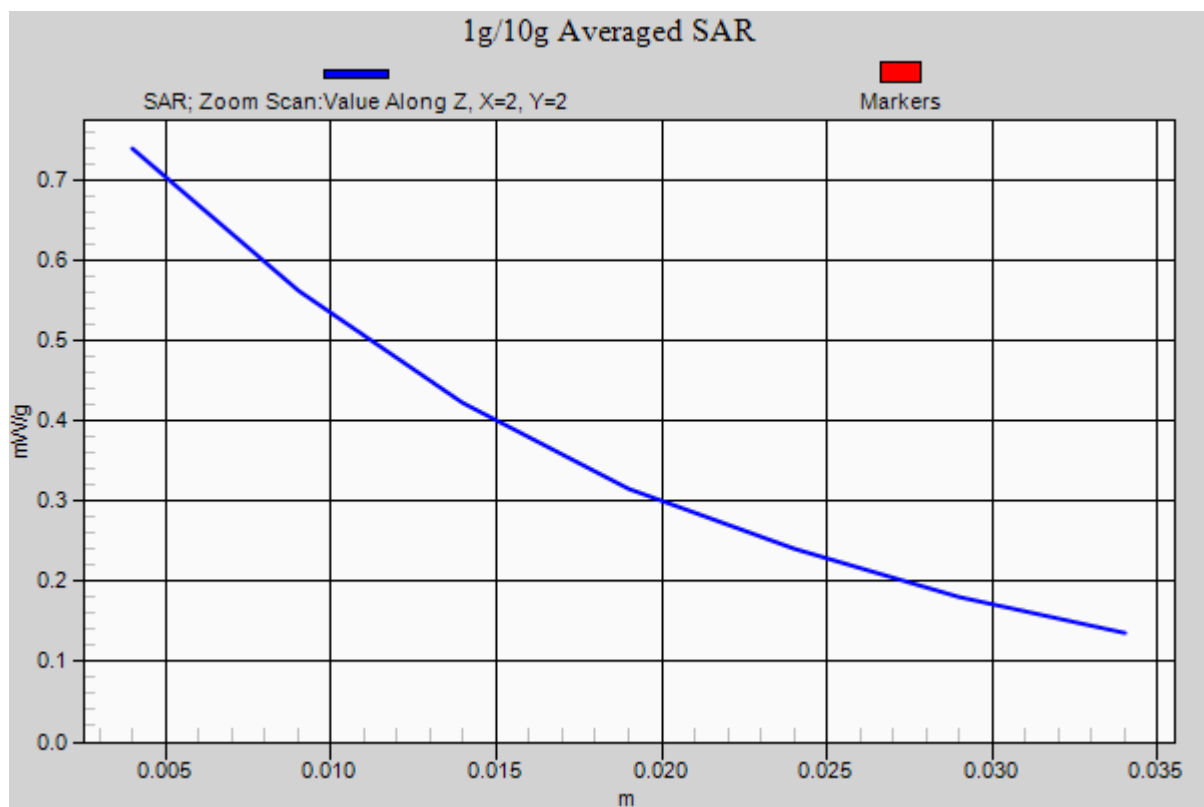
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.6 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.507 mW/g

Maximum value of SAR (measured) = 0.740 mW/g



#19 CDMA2000 BC15_RC3 SO32_Face_1.5cm_Ch25

DUT: 142501

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_110611 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r =$

52.3; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch25/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.473 mW/g

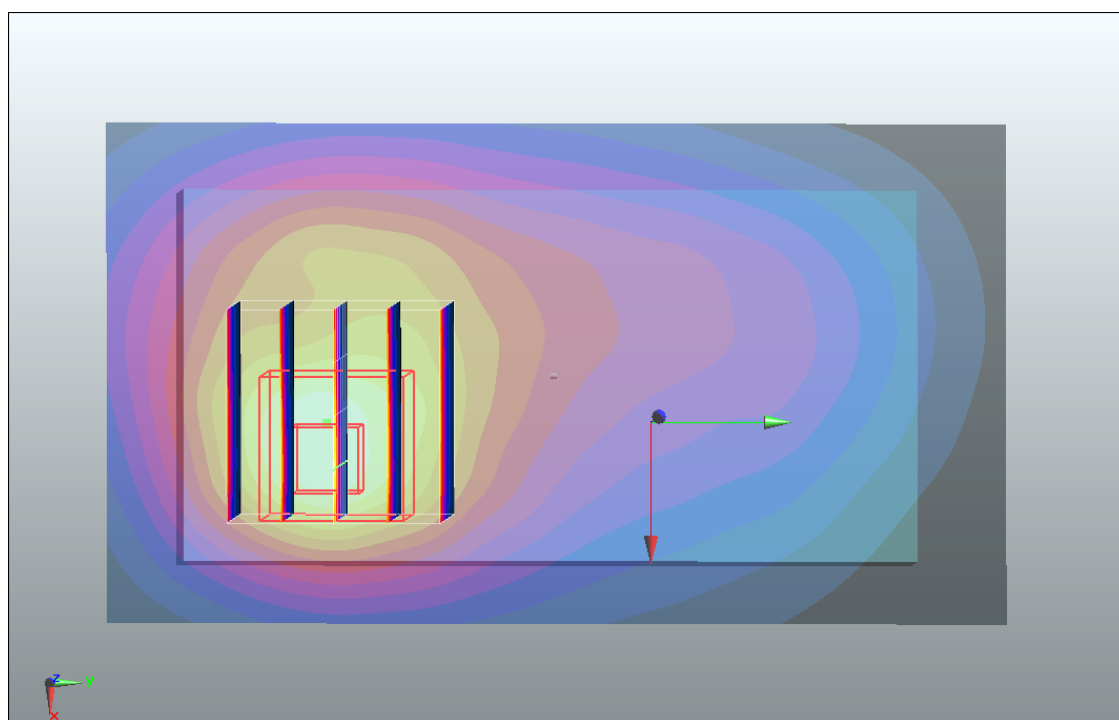
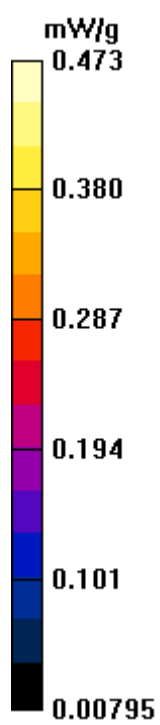
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.575 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.286 mW/g

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



#20 CDMA2000 BC15_RC3 SO32_Bottom_1.5cm_Ch25

DUT: 142501

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_110611 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r =$

52.3; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch25/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.546 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 0.554 mW/g

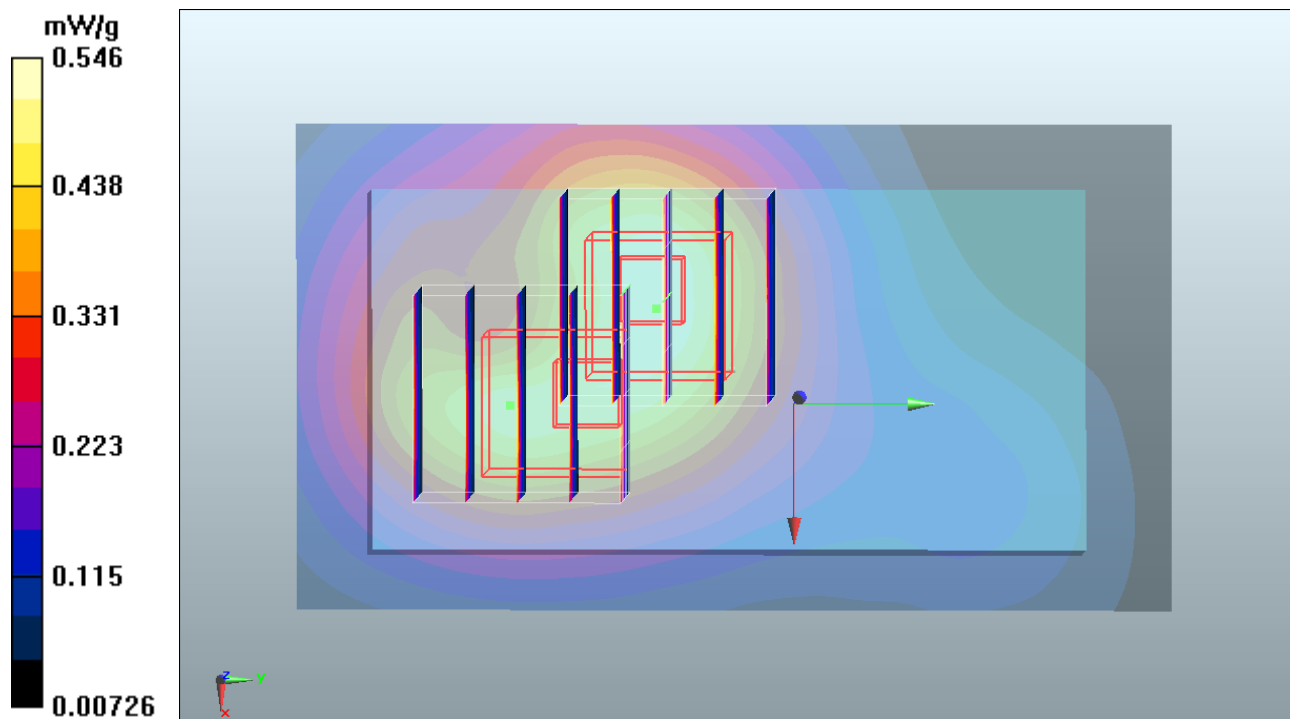
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.545 mW/g



#20 CDMA2000 BC15_RC3 SO32_Bottom_1.5cm_Ch25_2D

DUT: 142501

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_110611 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r =$

52.3; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch25/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.546 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 0.554 mW/g

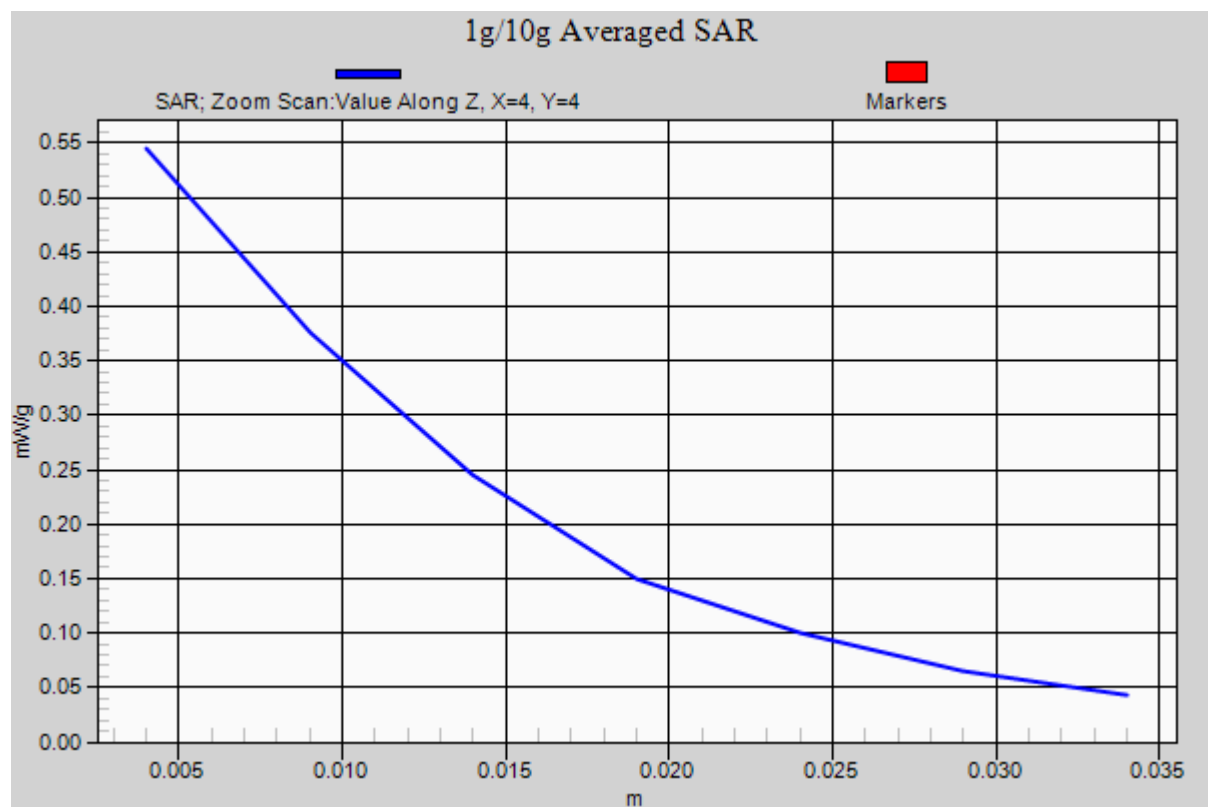
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.545 mW/g



#17 CDMA2000 BC1_RC3 SO32_Face_1.5cm_Ch1175

DUT: 142501

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

Medium: MSL_1900_110611 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1175/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.652 mW/g

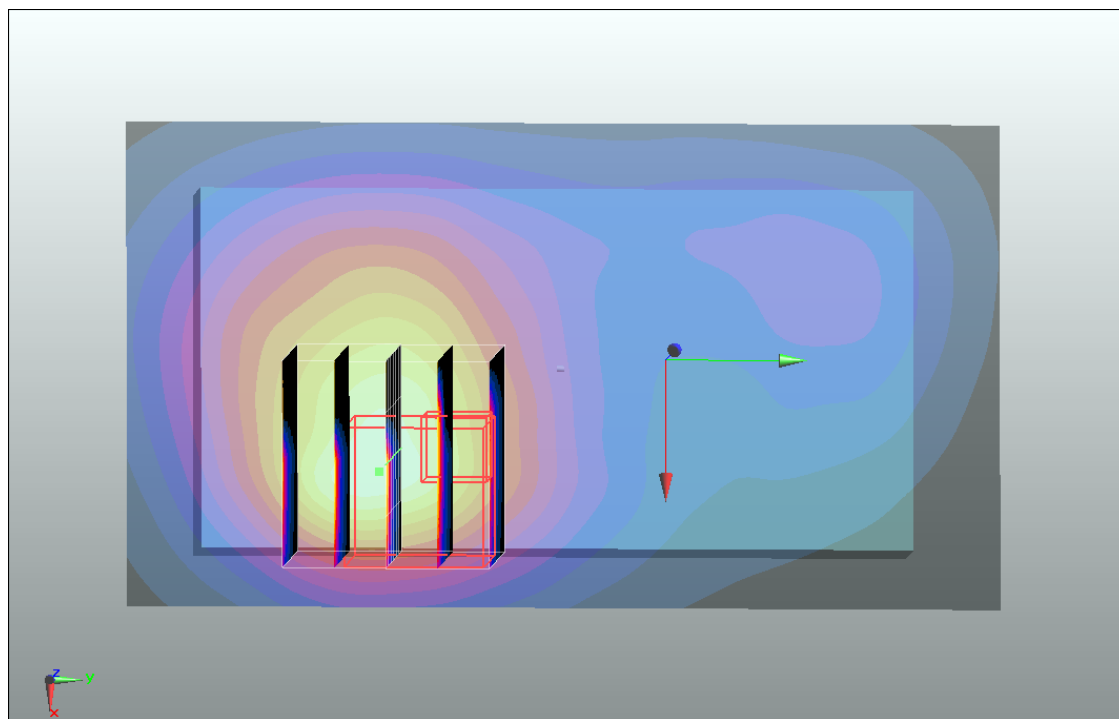
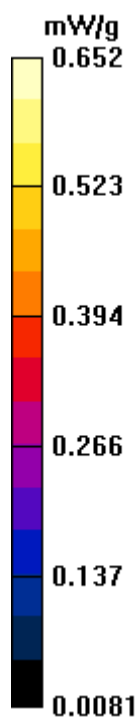
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.322 mW/g

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



#18 CDMA2000 BC1_RC3 SO32_Bottom_1.5cm_Ch1175

DUT: 142501

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

Medium: MSL_1900_110611 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1175/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.780 mW/g

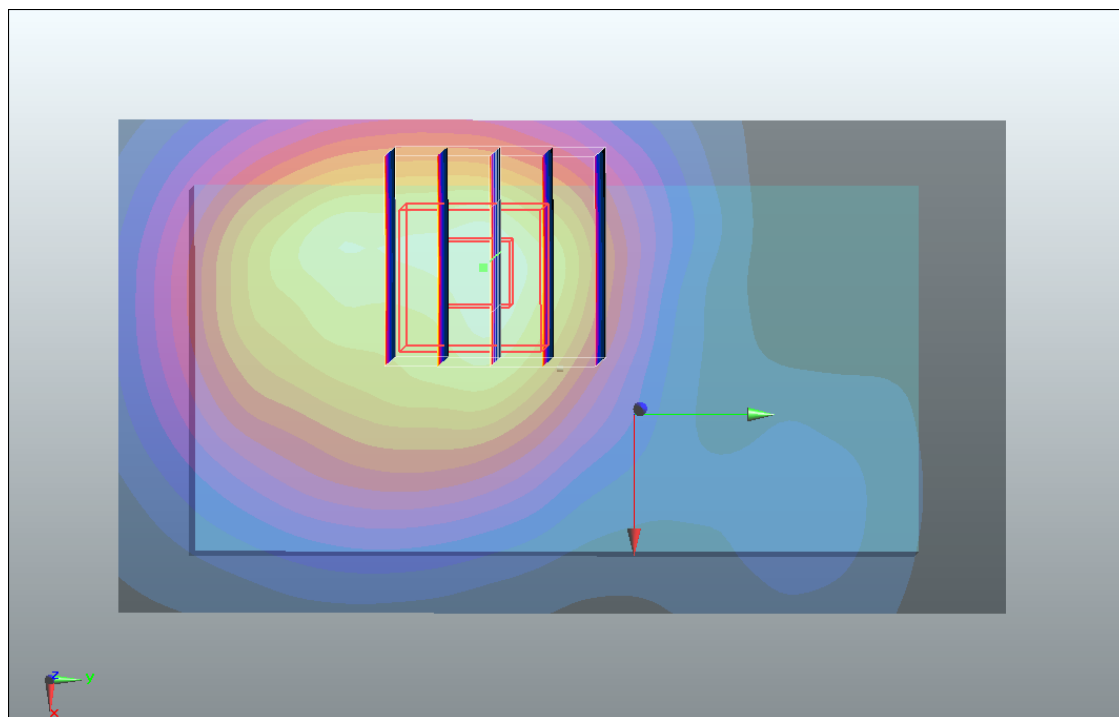
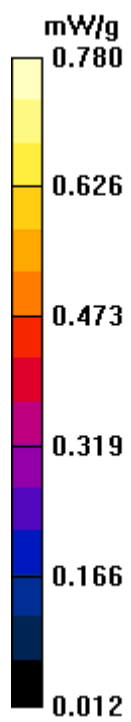
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.989 W/kg

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.464 mW/g

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



#18 CDMA2000 BC1_RC3 SO32_Bottom_1.5cm_Ch1175_2D

DUT: 142501

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

Medium: MSL_1900_110611 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 59

Ch1175/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.780 mW/g

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

Reference Value = 20.5 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.989 W/kg

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.464 mW/g

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

