

#01 GSM850_Right Cheek_Ch128_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_110517 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 43.4$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.7 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.85, 8.85, 8.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.314 mW/g

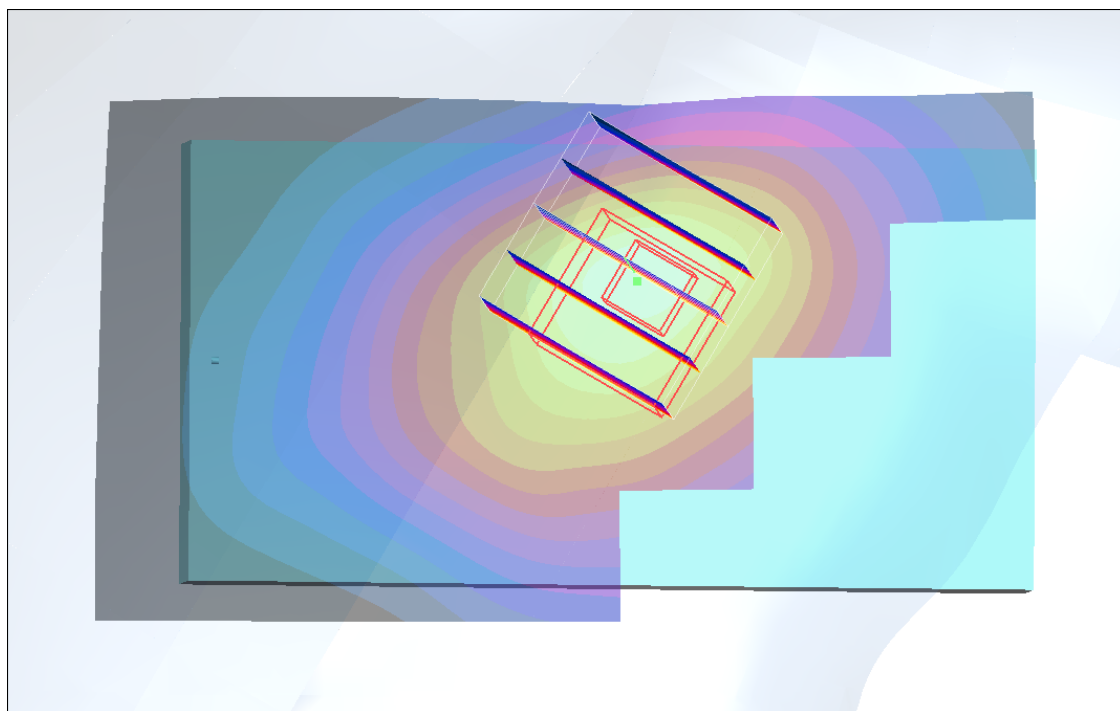
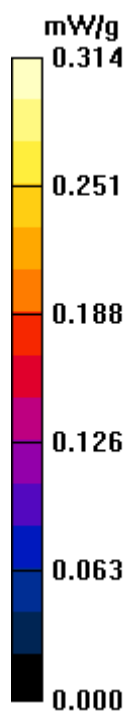
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.30 V/m ; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.285 mW/g ; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.297 mW/g



#01 GSM850_Right Cheek_Ch128_Sample1_Battery1_2D

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_110517 Medium parameters used : $f = 824.2$

MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.85, 8.85, 8.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 6.30 V/m; Power Drift = 0.111 dB

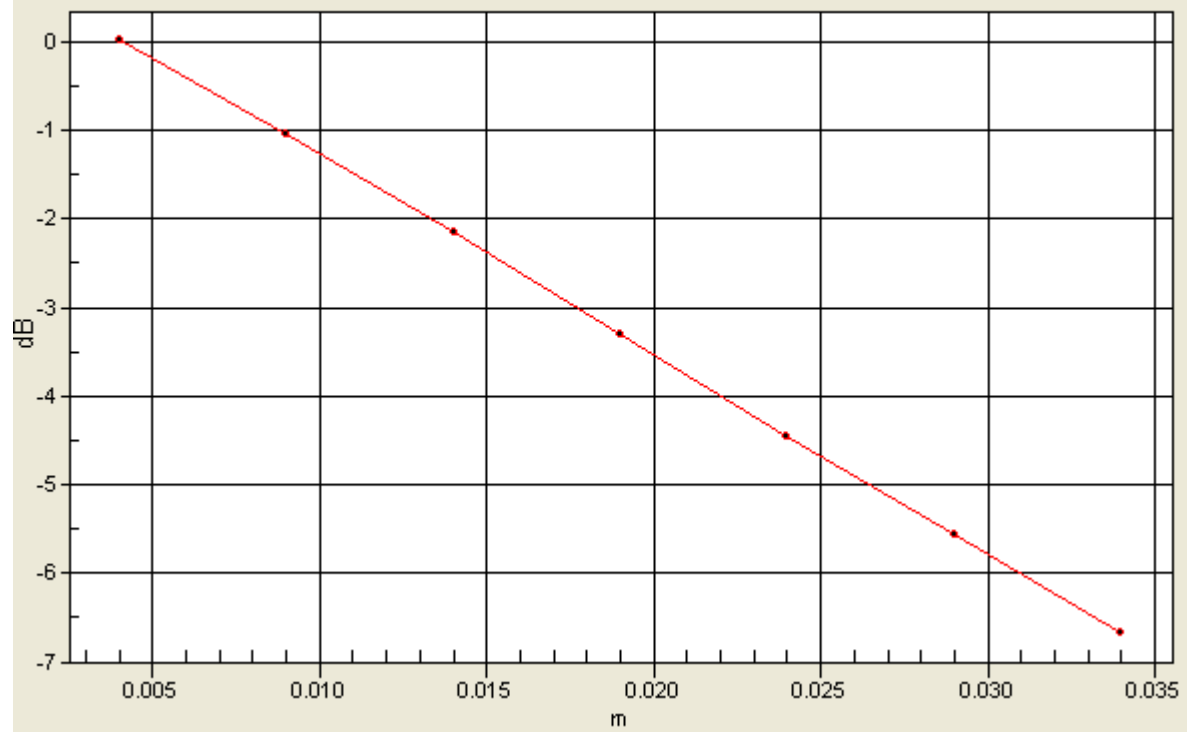
Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.297 mW/g

1g/10g Averaged SAR

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



#02 GSM850_Right Tilted_Ch128_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_110517 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 43.4$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.85, 8.85, 8.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.202 mW/g

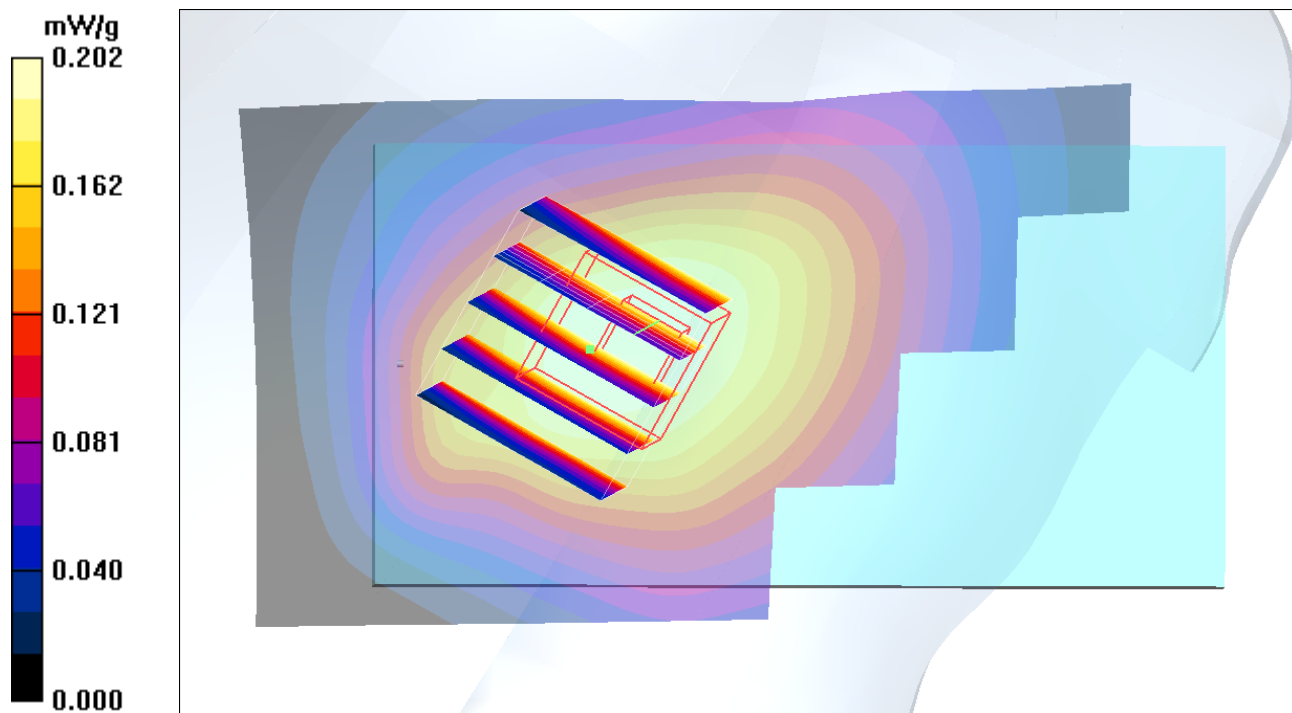
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.59 V/m ; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.193 mW/g ; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.200 mW/g



#03 GSM850_Left Cheek_Ch128_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_110517 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 43.4$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.85, 8.85, 8.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.257 mW/g

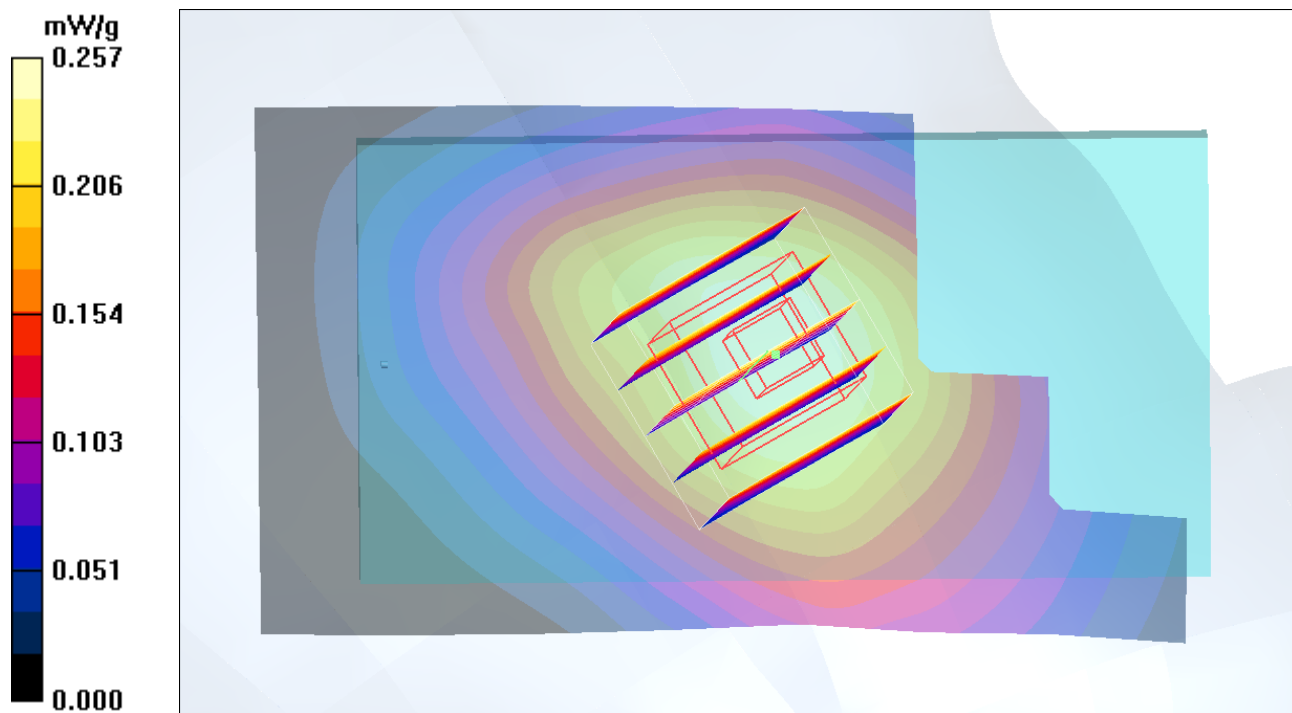
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.26 V/m ; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.245 mW/g ; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.257 mW/g



#04 GSM850_Left Tilted_Ch128_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_110517 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 43.4$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.85, 8.85, 8.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.188 mW/g

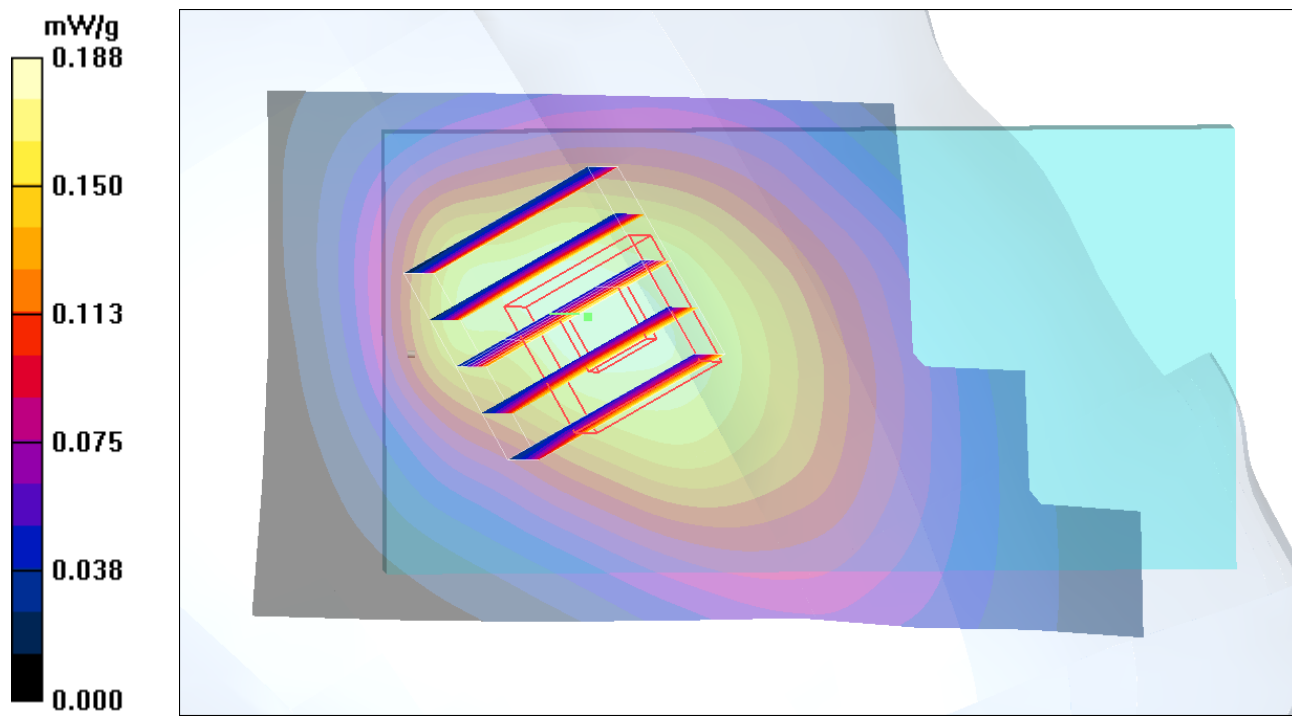
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.2 V/m ; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.176 mW/g ; SAR(10 g) = 0.135 mW/g

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



#05 GSM850_Right Cheek_Ch128_Sample2_Battery2

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_110519 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.875 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.274 mW/g

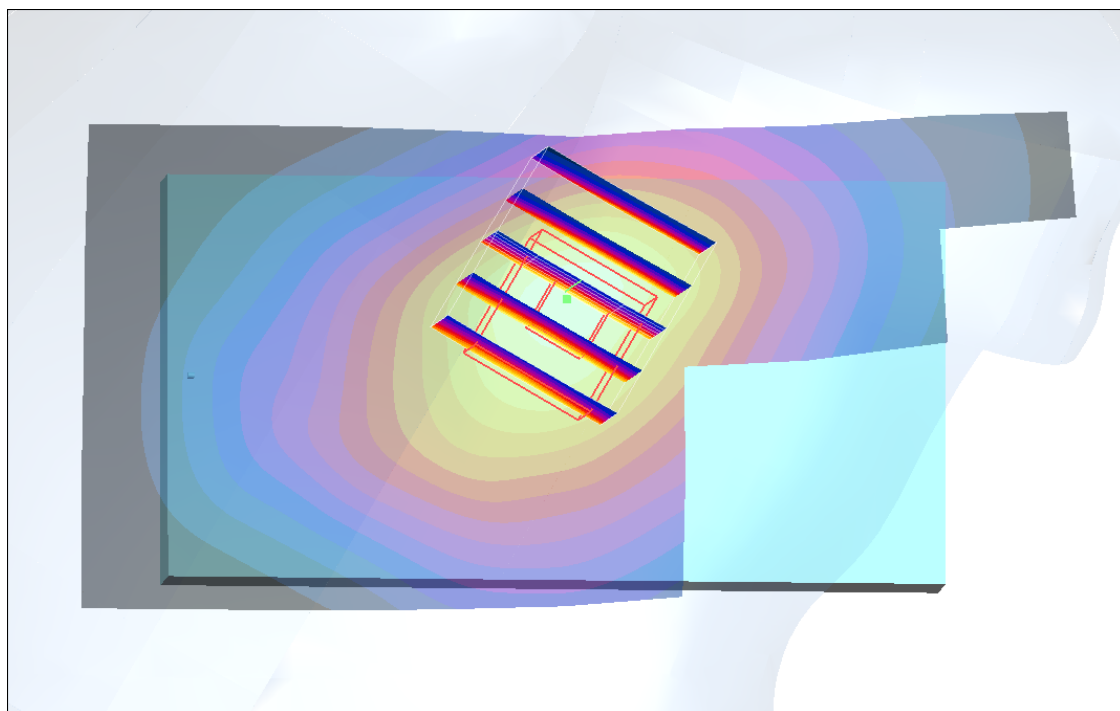
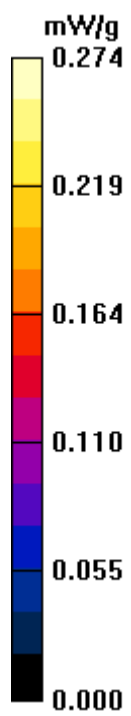
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.53 V/m ; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.253 mW/g ; SAR(10 g) = 0.190 mW/g

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



#06 GSM850_Right Cheek_Ch128_Sample1_Battery3

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_110519 Medium parameters used: $f = 824.2$

MHz; $\sigma = 0.875$ mho/m; $\epsilon_r = 42.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.268 mW/g

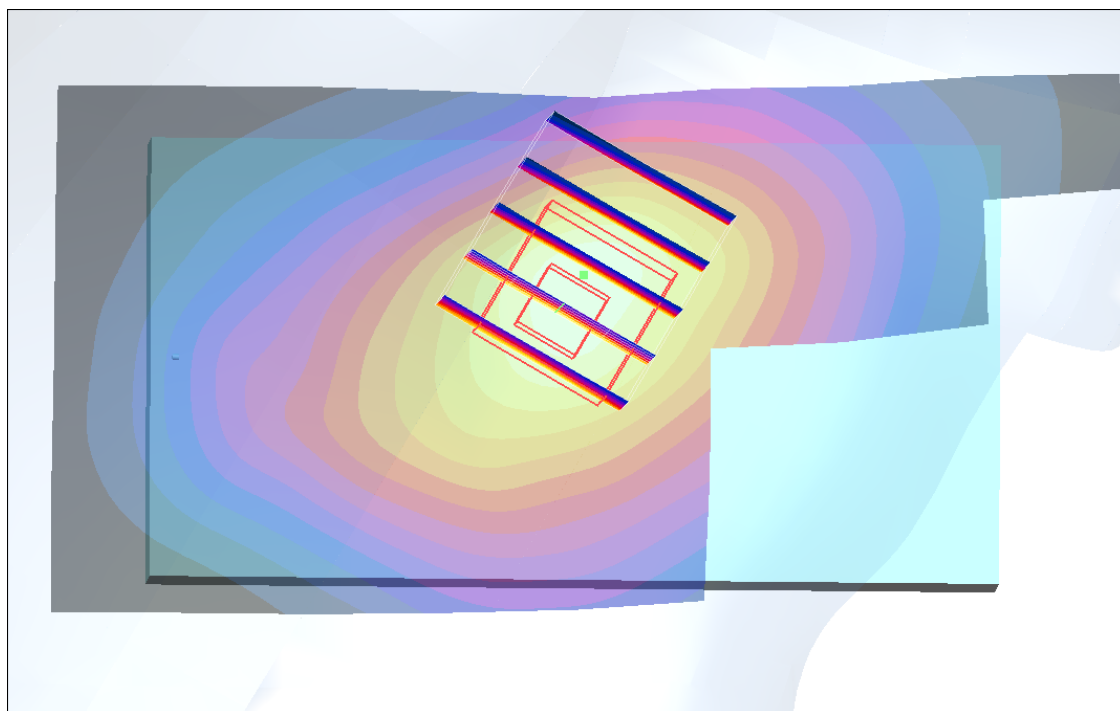
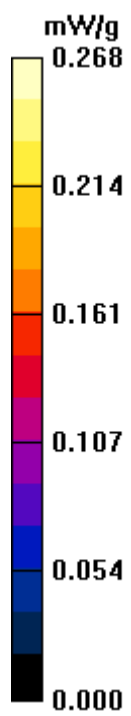
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.72 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.273 mW/g



#07 GSM1900_Right Cheek_Ch661_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110517 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.199 mW/g

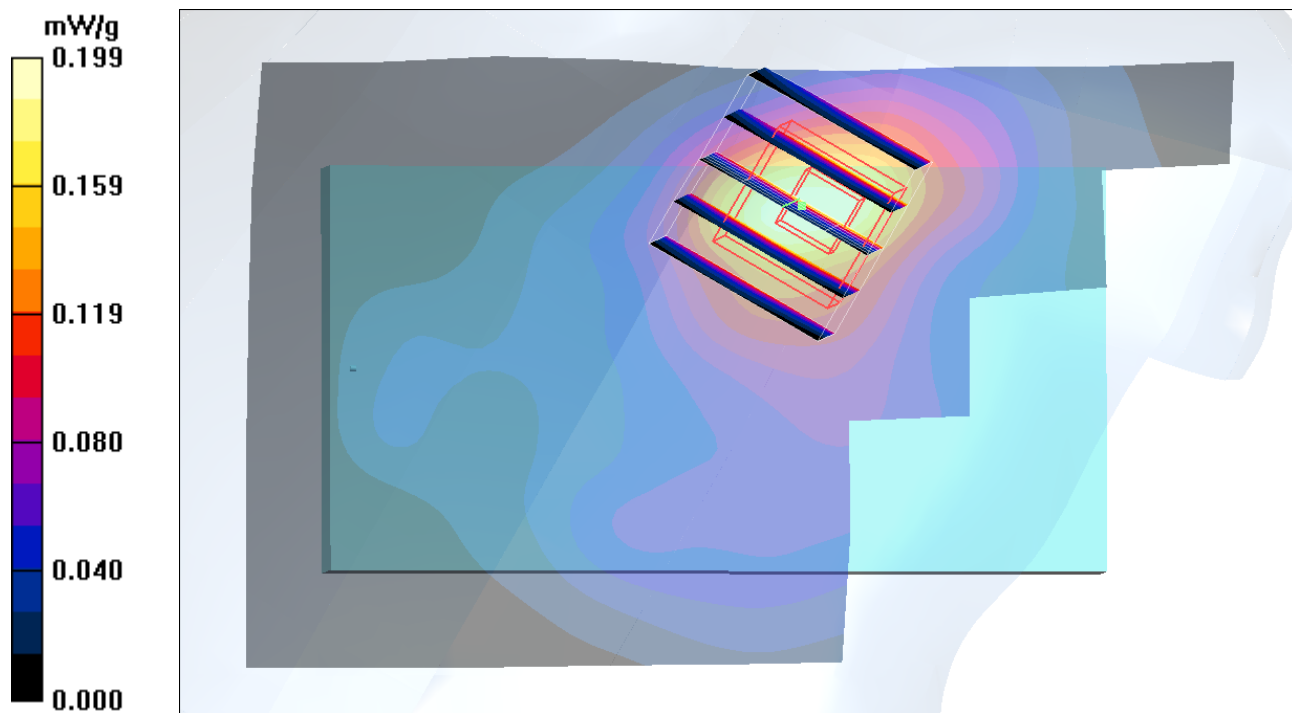
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.15 V/m ; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.179 mW/g ; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.191 mW/g



#08 GSM1900_Right Tilted_Ch661_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110517 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

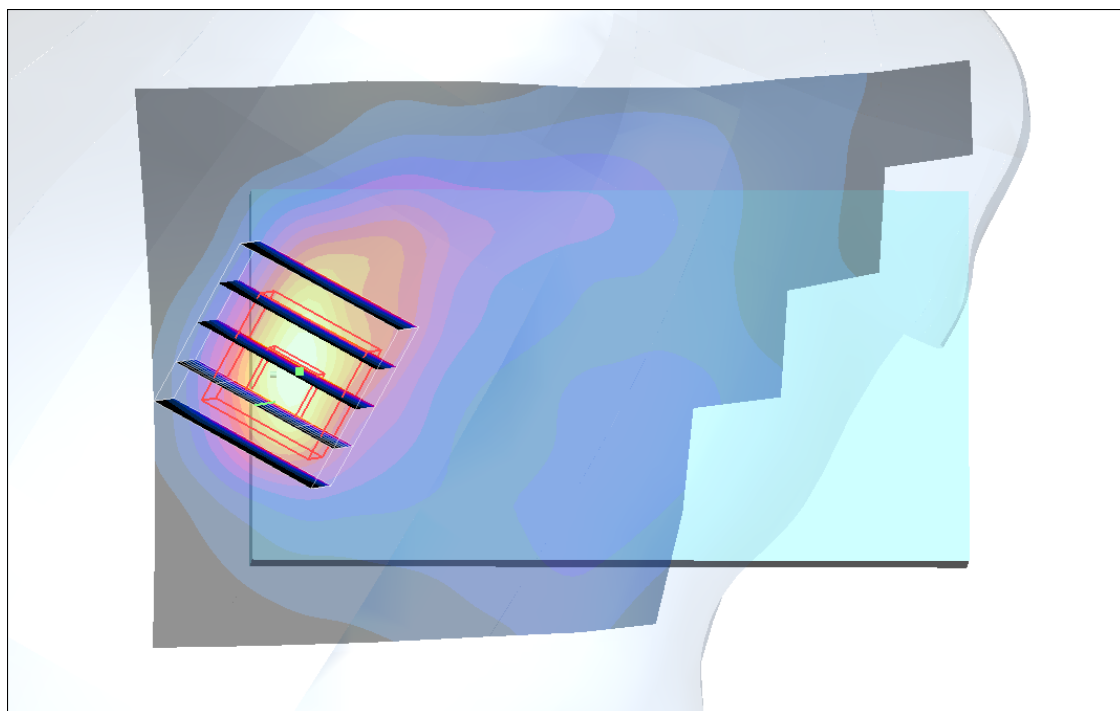
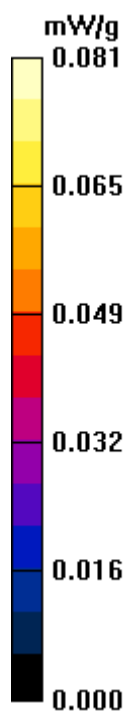
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.90 V/m ; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.063 mW/g ; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.070 mW/g



#09 GSM1900_Left Cheek_Ch661_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110517 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

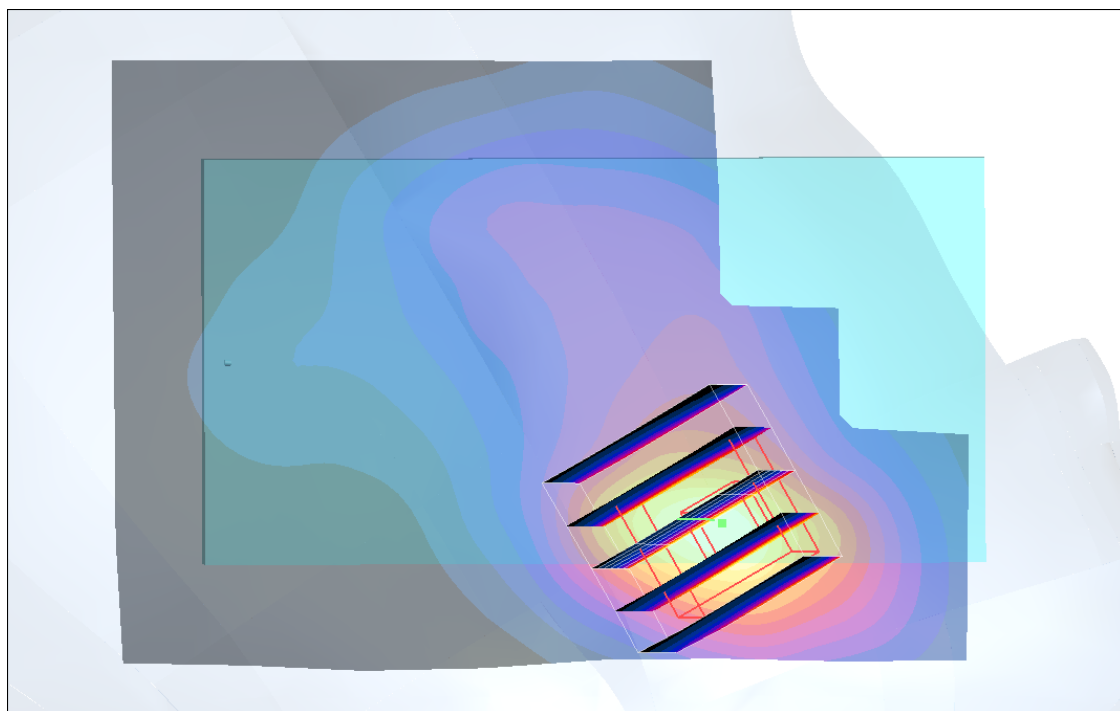
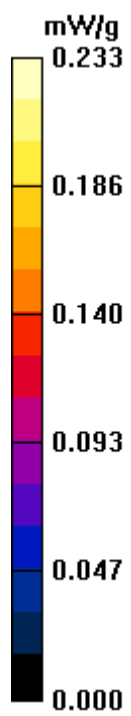
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.18 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.122 mW/g

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



#09 GSM1900_Left Cheek_Ch661_Sample1_Battery1_2D

DUT: 141115-01

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110517 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

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

Reference Value = 4.18 V/m ; Power Drift = 0.028 dB

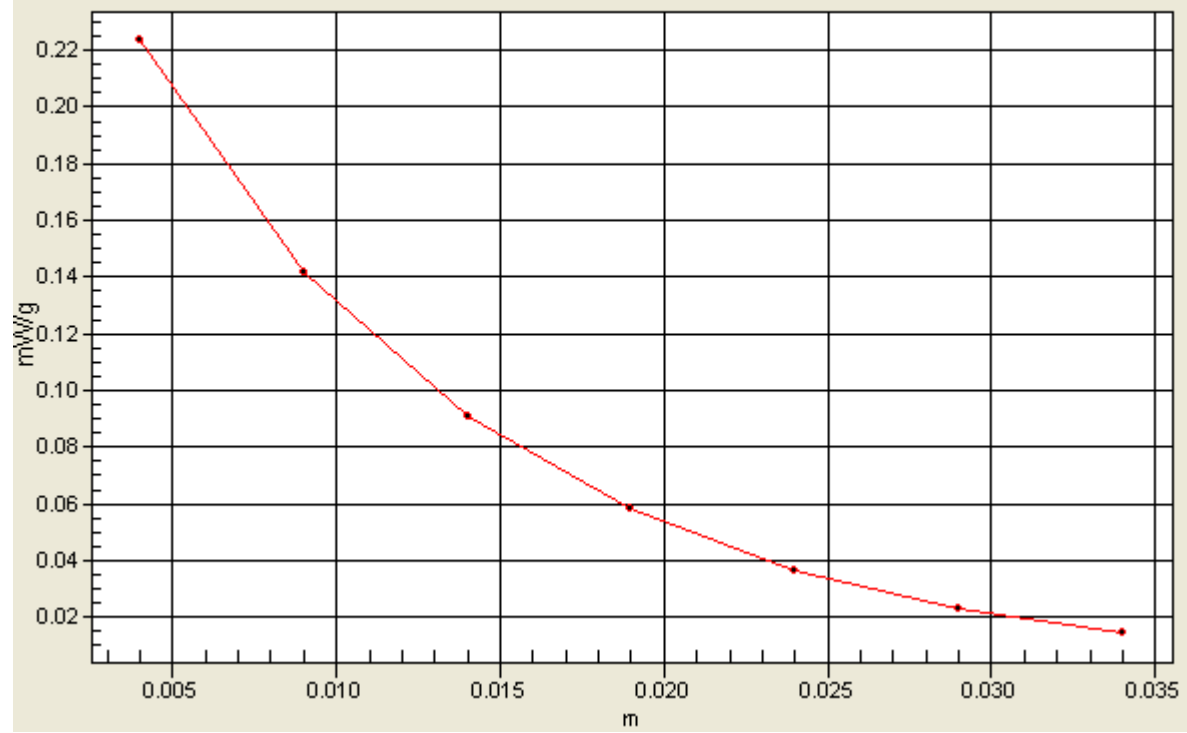
Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.205 mW/g ; SAR(10 g) = 0.122 mW/g

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

1g/10g Averaged SAR

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



#10 GSM1900_Left Tilted_Ch661_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110517 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

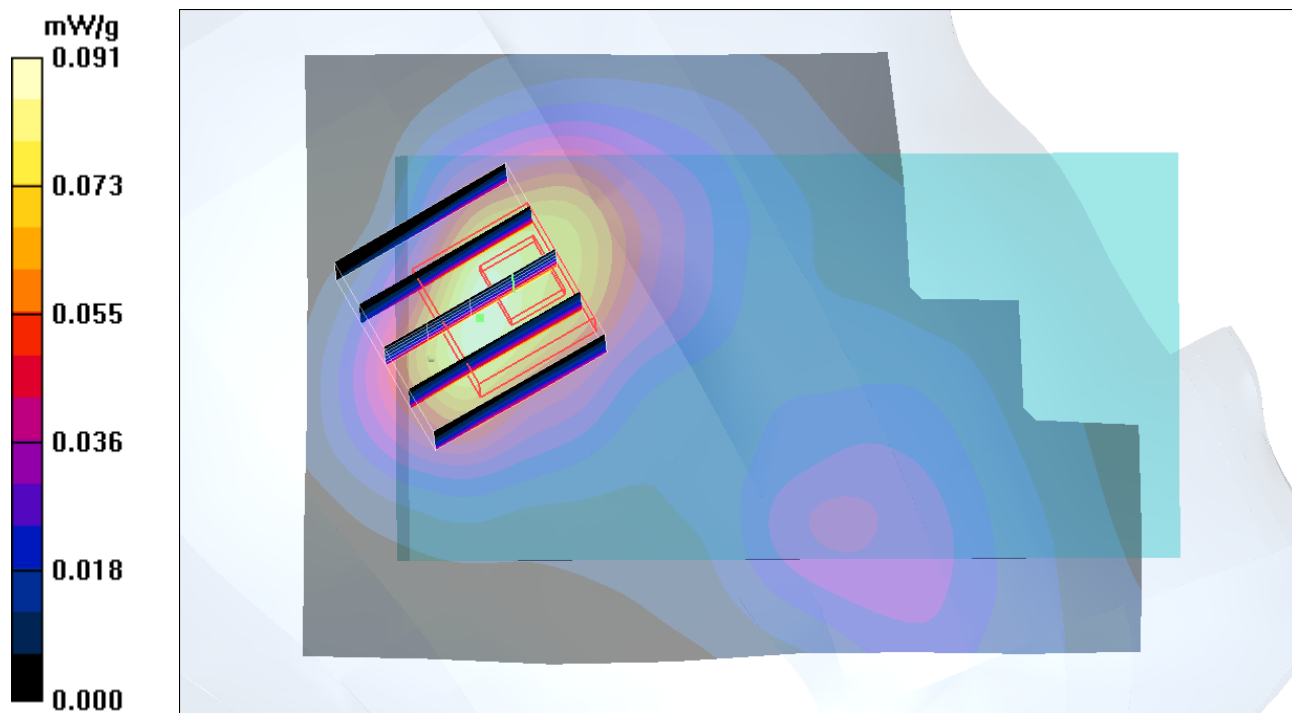
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.60 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.043 mW/g

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



#11 GSM1900_Left Cheek_Ch661_Sample2_Battery2

DUT: 141115-01

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110517 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(7.38, 7.38, 7.38); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

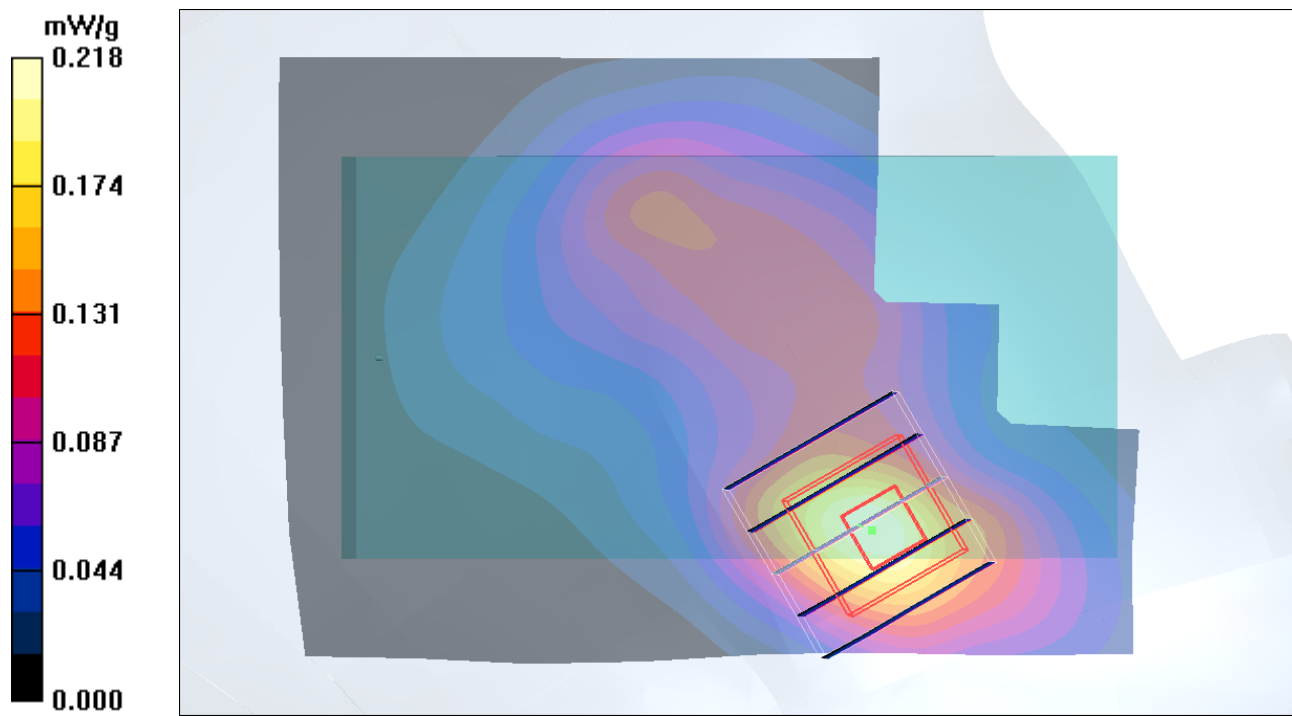
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.68 V/m ; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.192 mW/g ; SAR(10 g) = 0.113 mW/g

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



#12 GSM1900_Left Cheek_Ch661_Sample1_Battery3

DUT: 141115-01

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110517 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(7.38, 7.38, 7.38); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

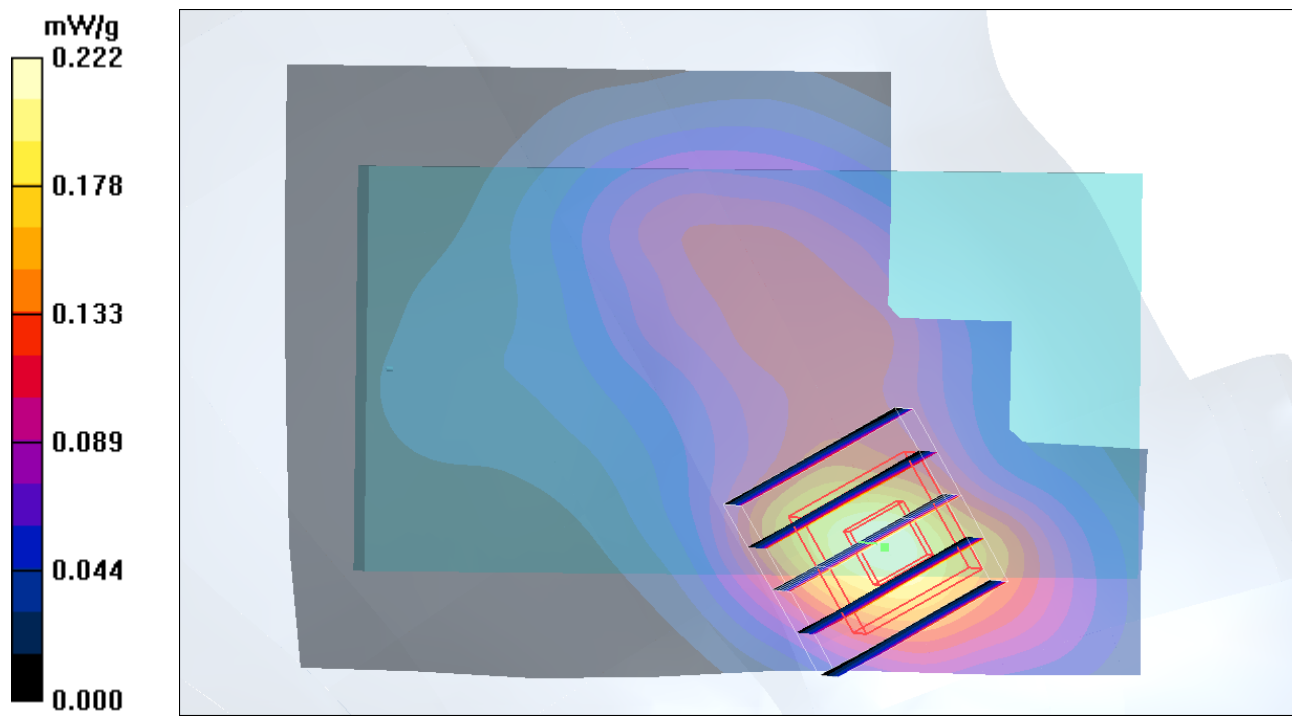
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.55 V/m; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.224 mW/g



#85 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_110519 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.896$
 mho/m ; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.7°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.333 mW/g

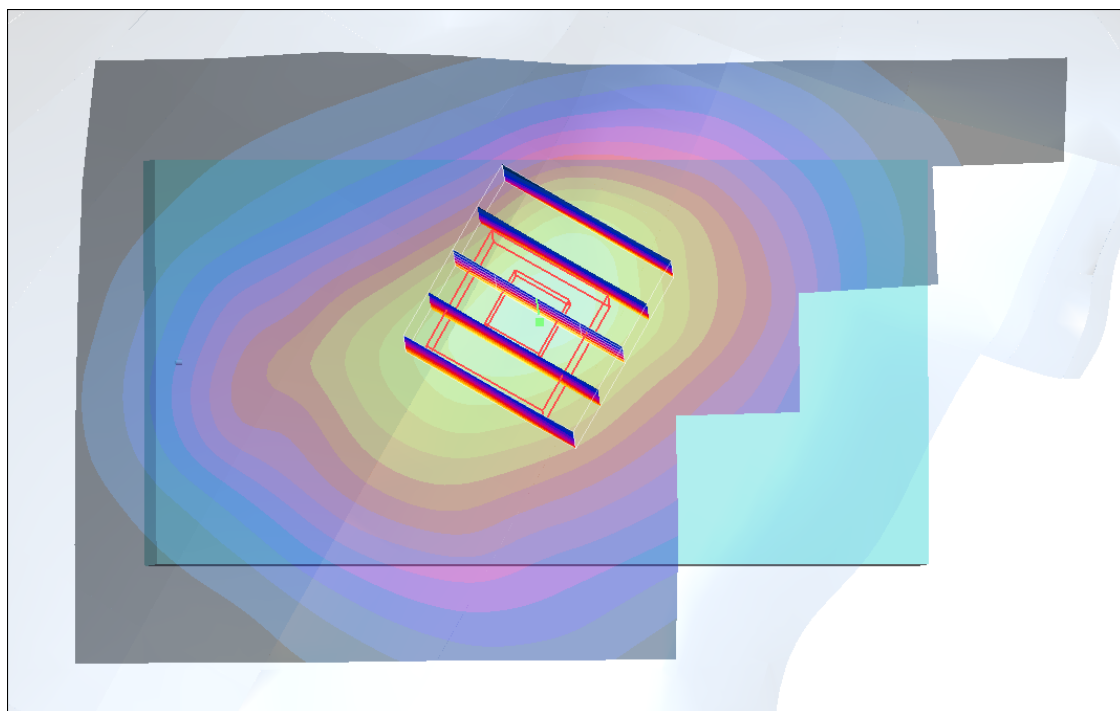
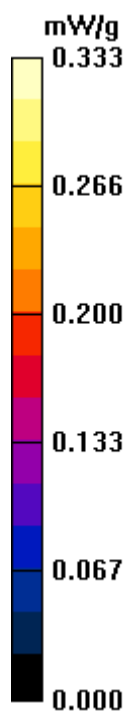
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 11.1 V/m ; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.31 mW/g ; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.327 mW/g



#86 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_110519 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.896$
 mho/m ; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.363 mW/g

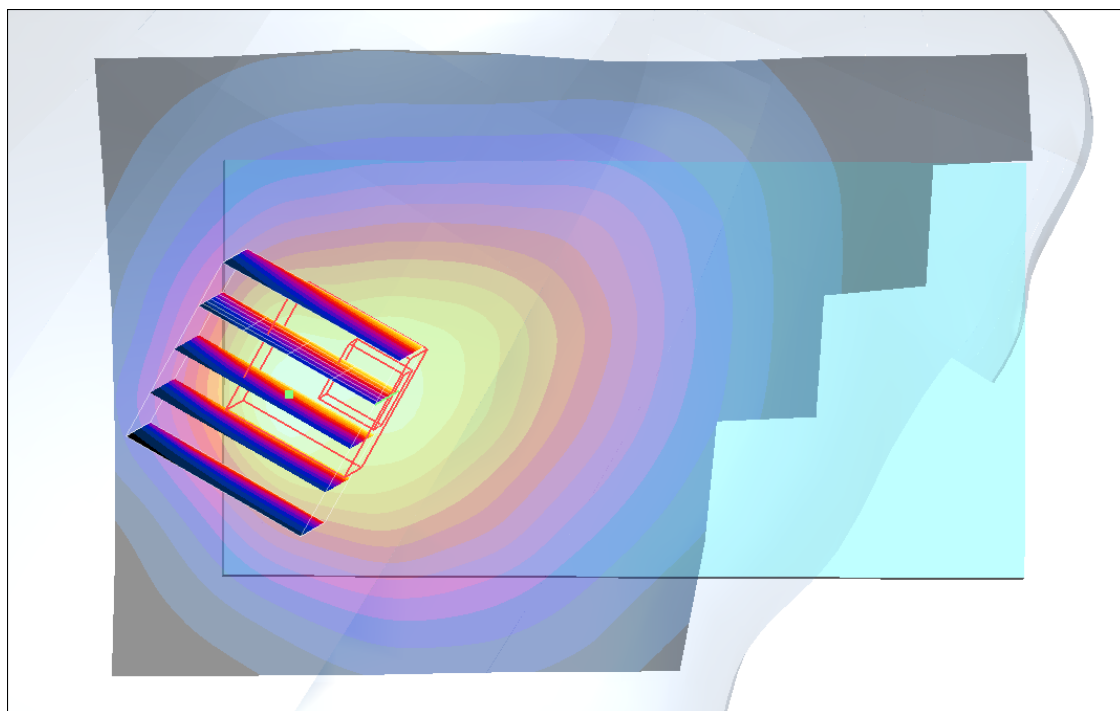
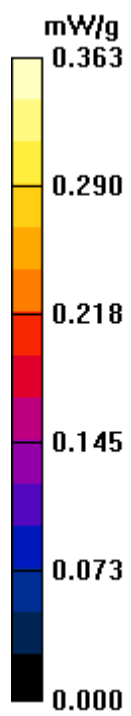
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 17.4 V/m ; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.309 mW/g ; SAR(10 g) = 0.232 mW/g

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



#87 WCDMA V_RMC12.2K_Left Cheek_Ch4233_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_110519 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.287 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.202 mW/g

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

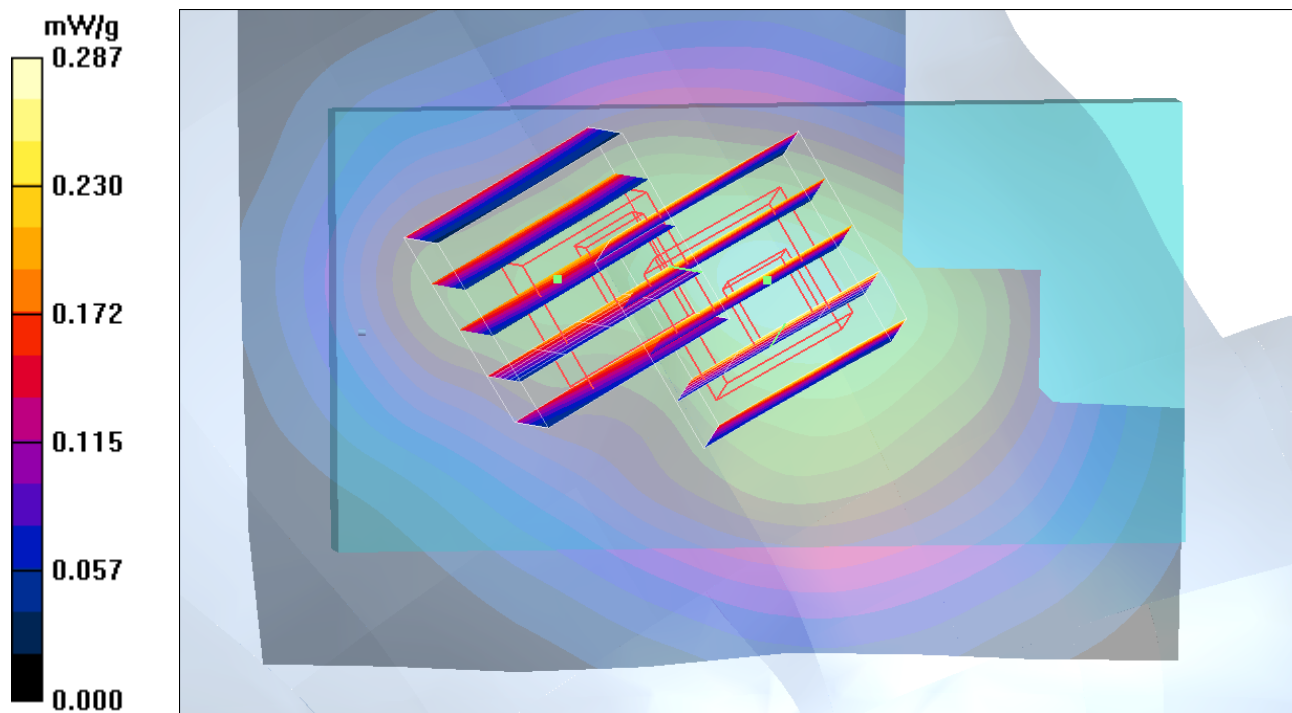
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.258 mW/g



#88 WCDMA V_RMC12.2K_Left Tilted_Ch4233_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_110519 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.392 mW/g

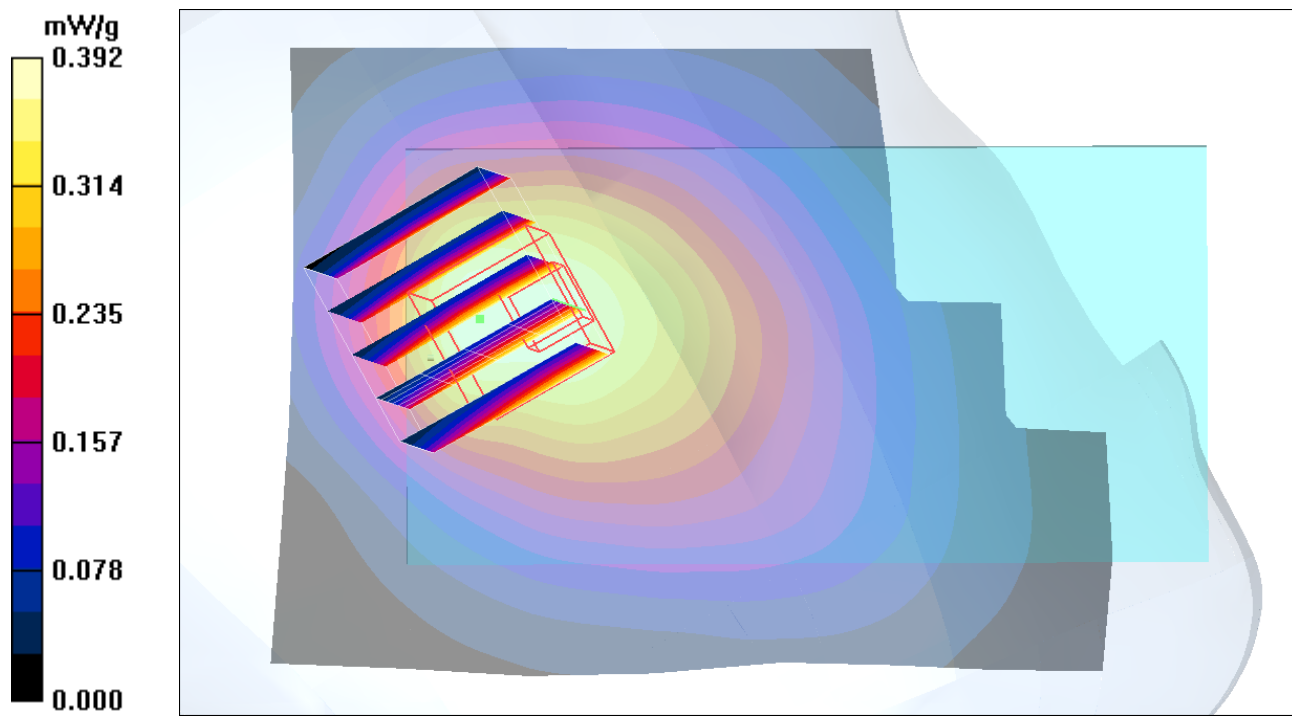
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.262 mW/g

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



#82 WCDMA V_RMC12.2K_Left Tilted_Ch4233_Sample1_Battery1_2D

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_110519 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.896$
 mho/m ; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 22.6°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.392 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 17.3 V/m ; Power Drift = 0.046 dB

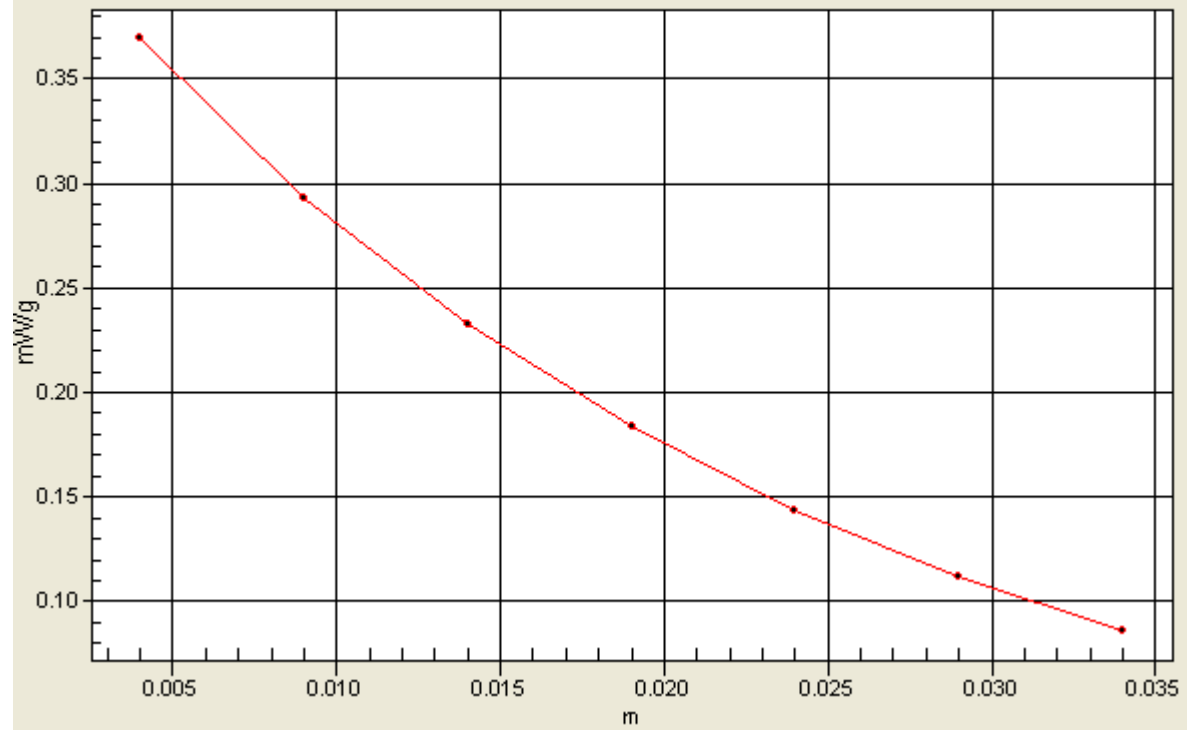
Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.354 mW/g ; SAR(10 g) = 0.262 mW/g

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

1g/10g Averaged SAR

SAR, Zoom Scan: Value Along Z, X=0, Y=1



#89 WCDMA V_RMC12.2K_Left Tilted_Ch4233_Sample2_Battery2

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_110519 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.306 mW/g

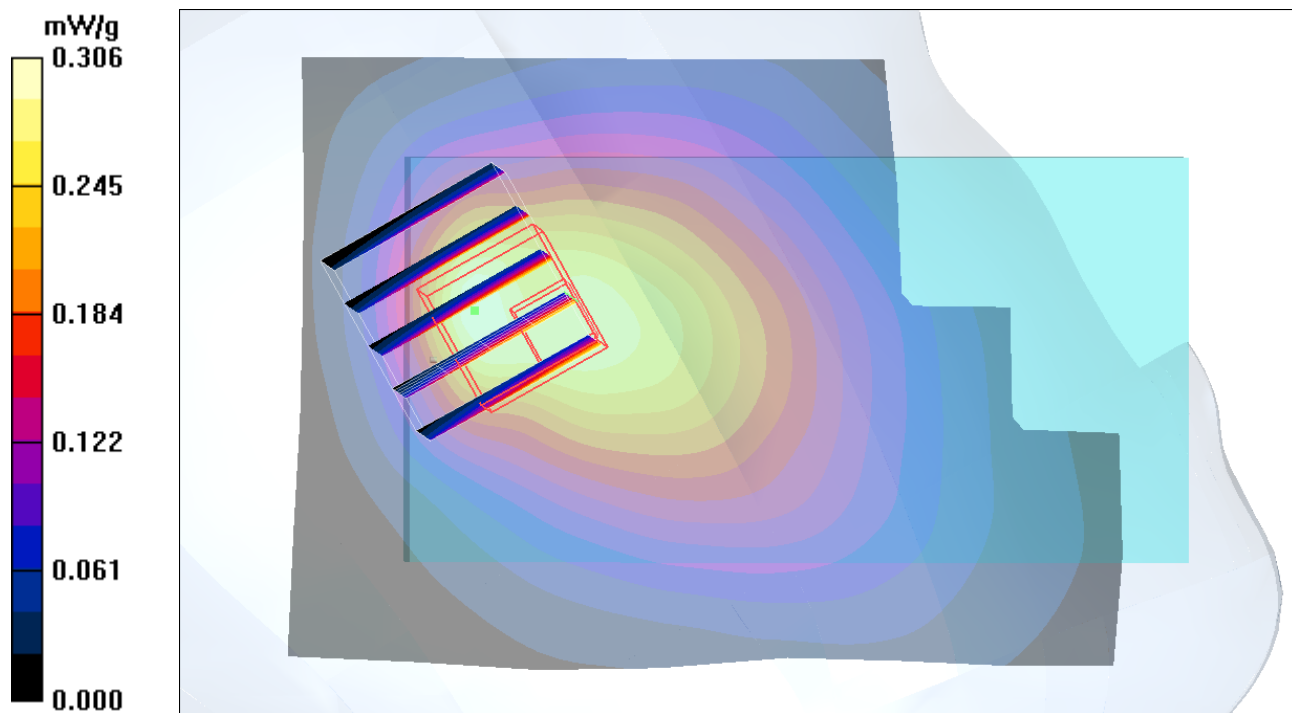
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.175 mW/g

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



#90 WCDMA V_RMC12.2K_Left Tilted_Ch4233_Sample1_Battery3

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_110519 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.896$
 mho/m ; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.319 mW/g

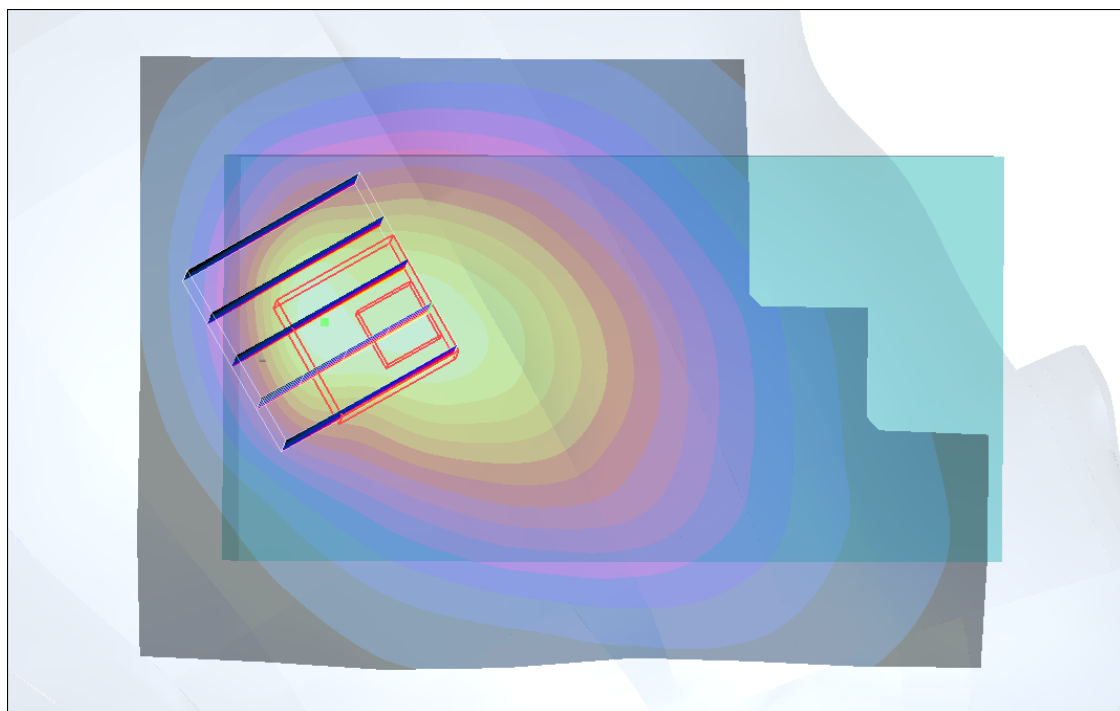
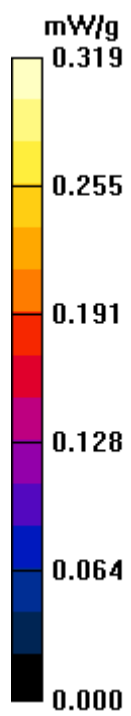
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 14.6 V/m ; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.268 mW/g ; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.291 mW/g



#13 WCDMA II_RMC12.2K_Right Cheek_Ch9262_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110525 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.539 mW/g

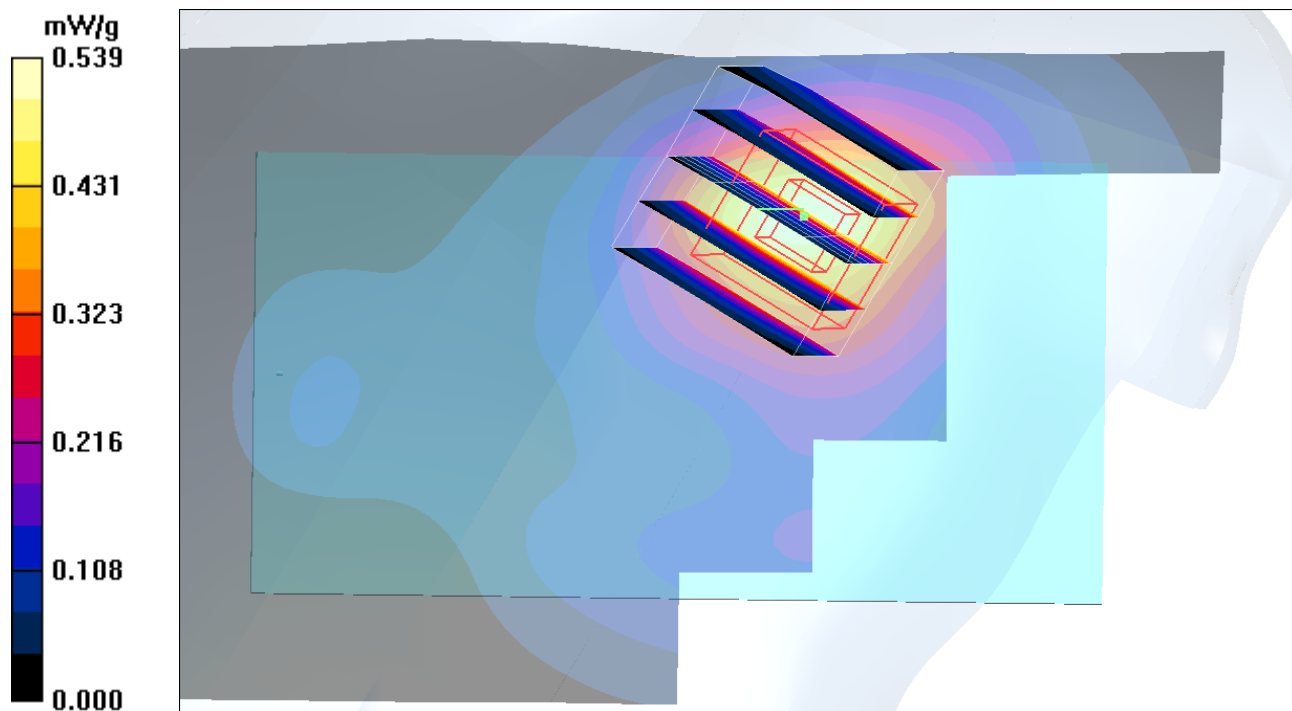
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.19 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.802 W/kg

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.544 mW/g



#14 WCDMA II_RMC12.2K_Right Tilted_Ch9262_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110525 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.179 mW/g

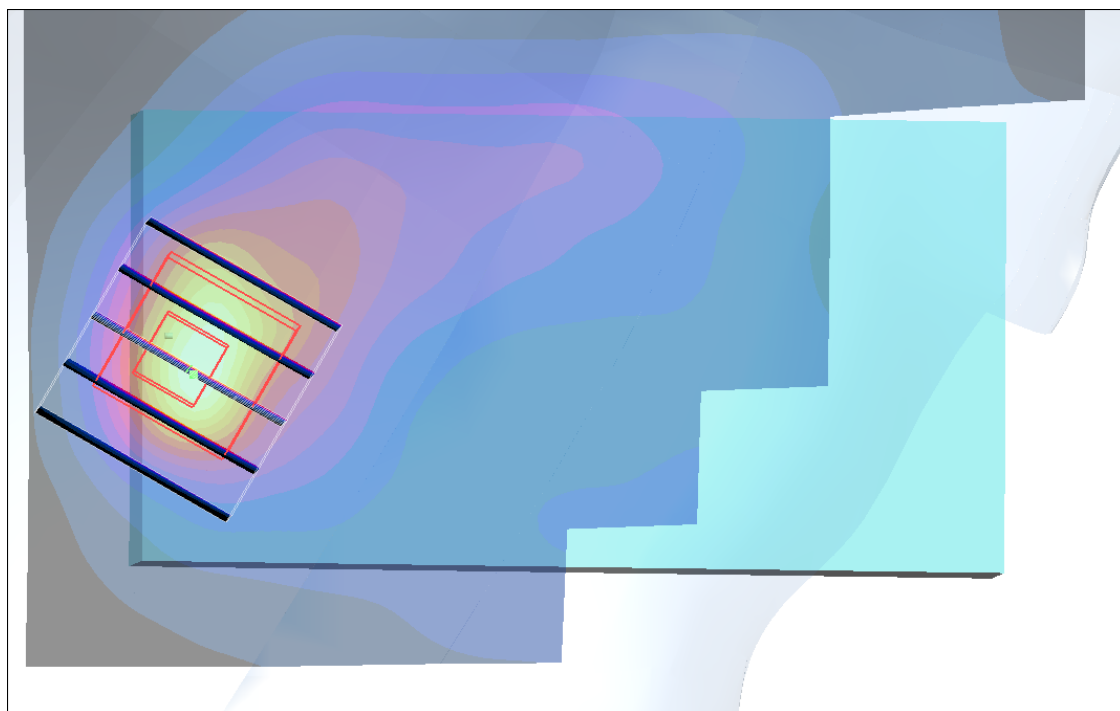
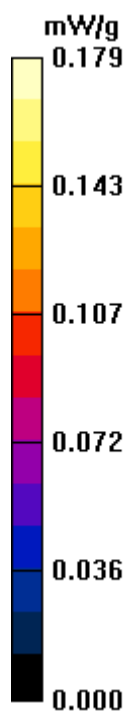
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.3 V/m ; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.138 mW/g ; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.158 mW/g



#15 WCDMA II_RMC12.2K_Left Cheek_Ch9262_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110525 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.496 mW/g

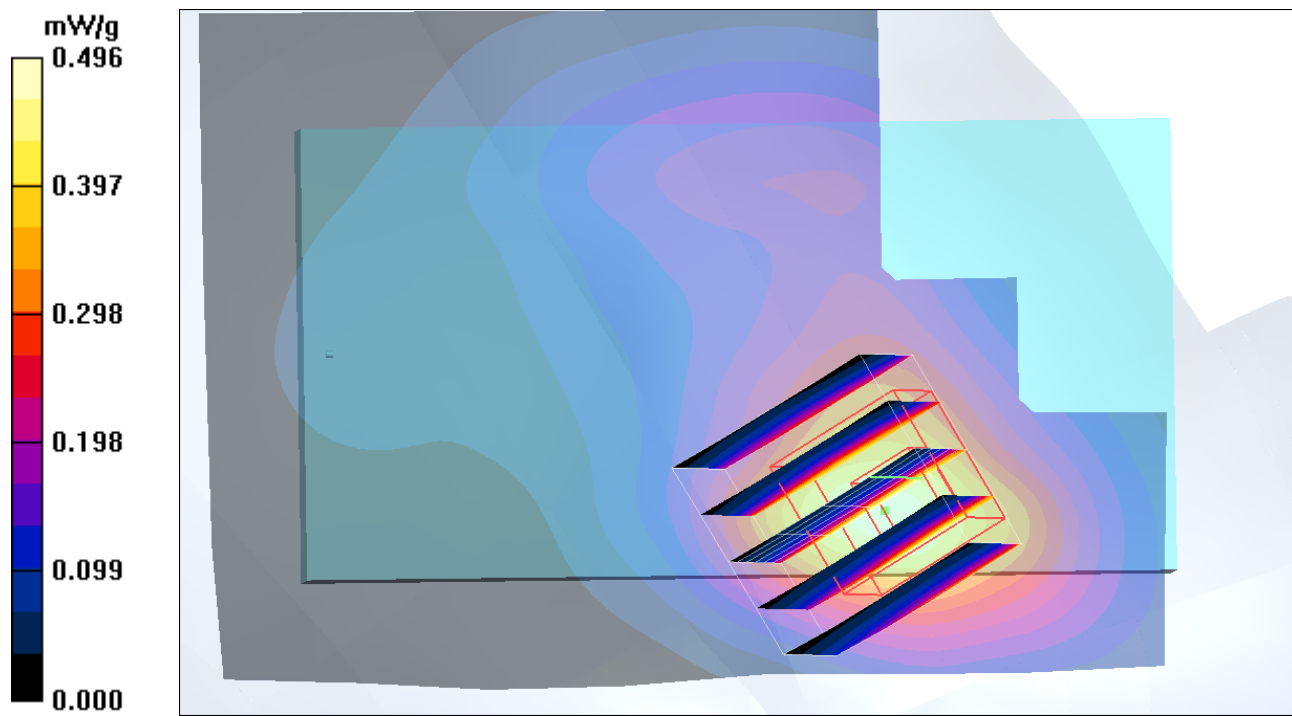
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.42 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.522 mW/g



#16 WCDMA II_RMC12.2K_Left Tilted_Ch9262_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110525 Medium parameters used : $f = 1852.4 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.197 mW/g

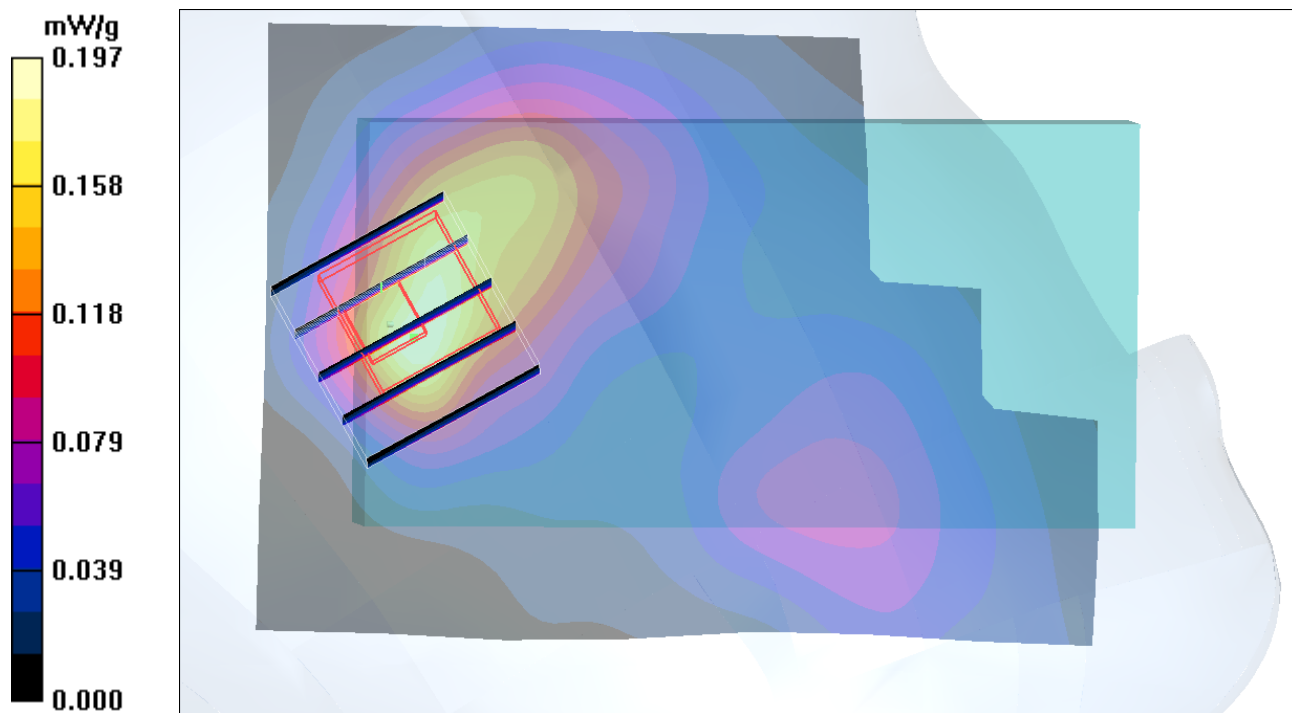
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.8 V/m ; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.138 mW/g ; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.155 mW/g



#17 WCDMA II_RMC12.2K_Right Cheek_Ch9262_Sample2_Battery2

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110525 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.621 mW/g

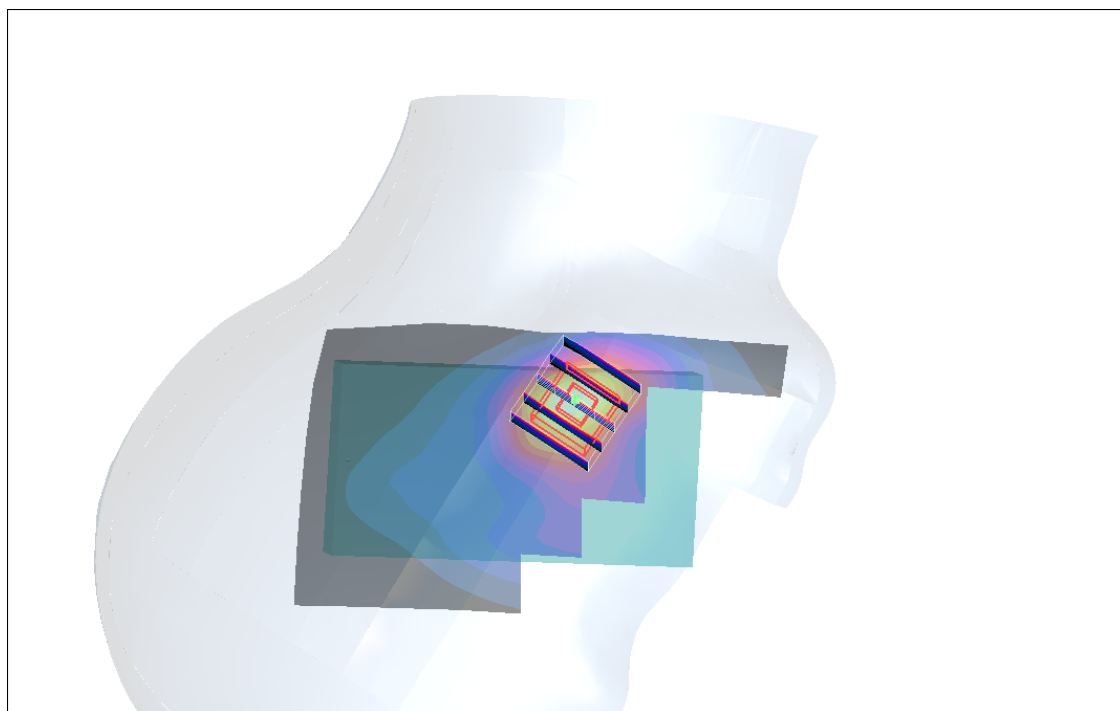
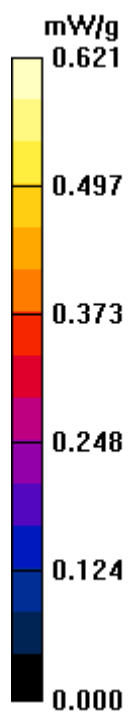
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.00 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.589 mW/g



#17 WCDMA II_RMC12.2K_Right Cheek_Ch9262_

Sample2_Battery2_2D

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110525 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.621 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.00 V/m ; Power Drift = 0.019 dB

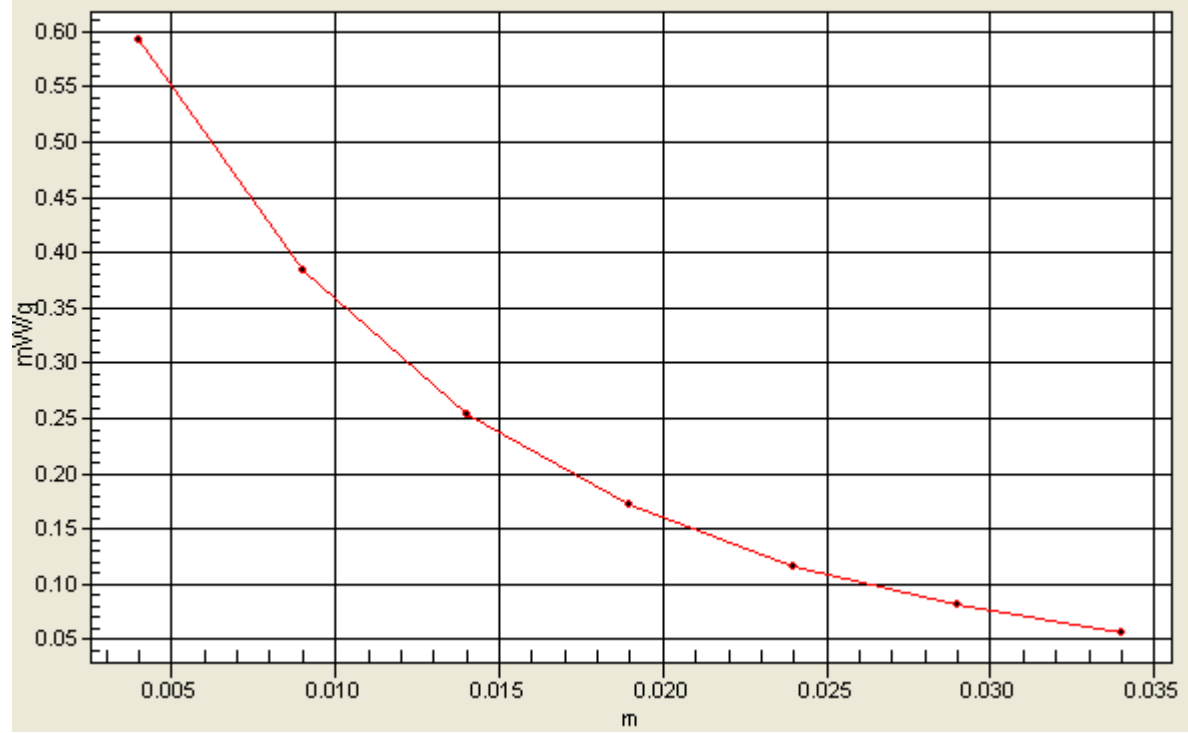
Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.548 mW/g ; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.589 mW/g

1g/10g Averaged SAR

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



#18 WCDMA II_RMC12.2K_Right Cheek_Ch9262_Sample1_Battery3

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_110525 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(7.46, 7.46, 7.46); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.478 mW/g

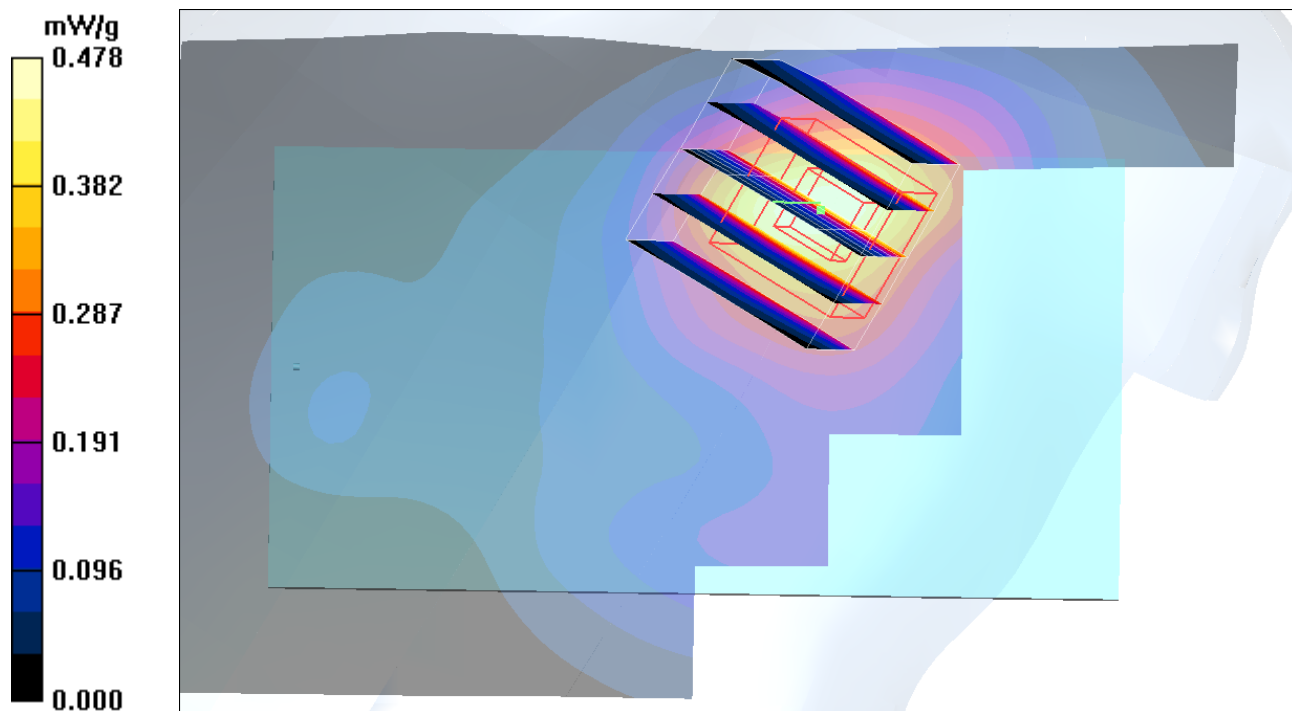
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.62 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.480 mW/g



#19 GSM850_GPRS10_Face_1cm_Ch128_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.594 mW/g

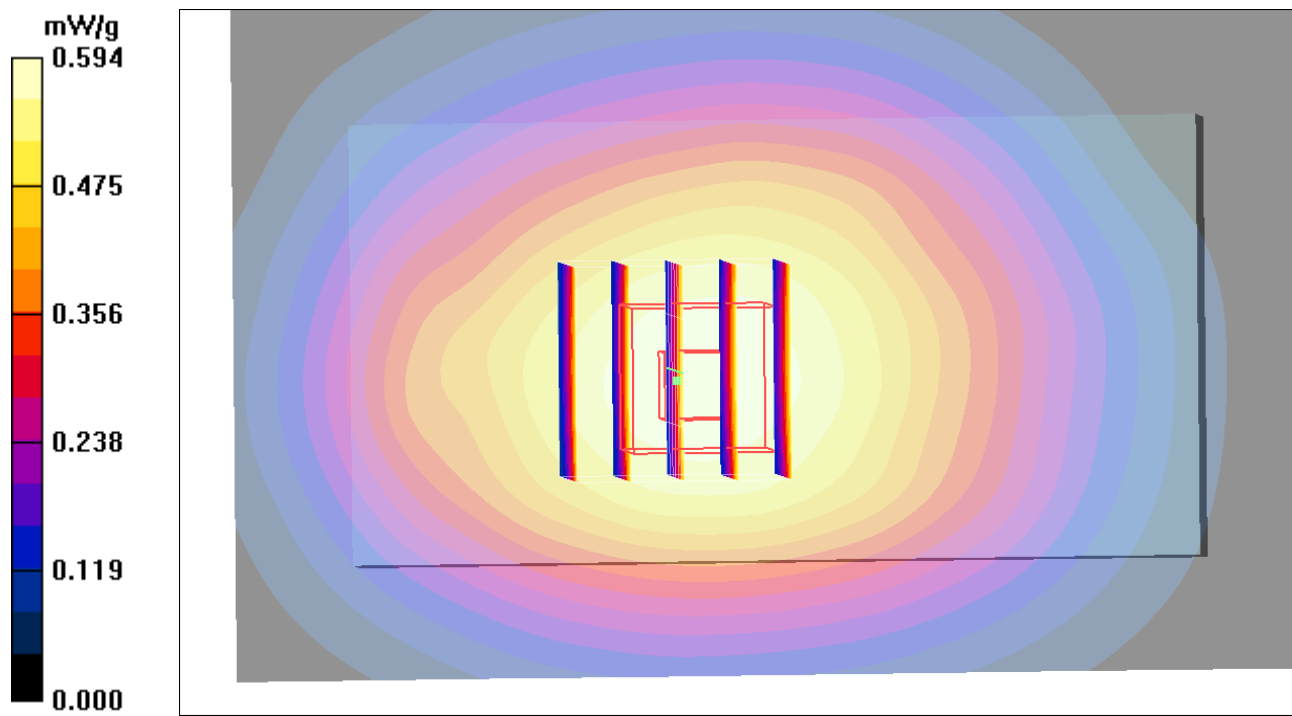
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.3 V/m ; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.567 mW/g ; SAR(10 g) = 0.439 mW/g

Maximum value of SAR (measured) = 0.592 mW/g



#20 GSM850_GPRS10_Bottom_1cm_Ch128_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_110517 Medium parameters used: $f = 824.2$

MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

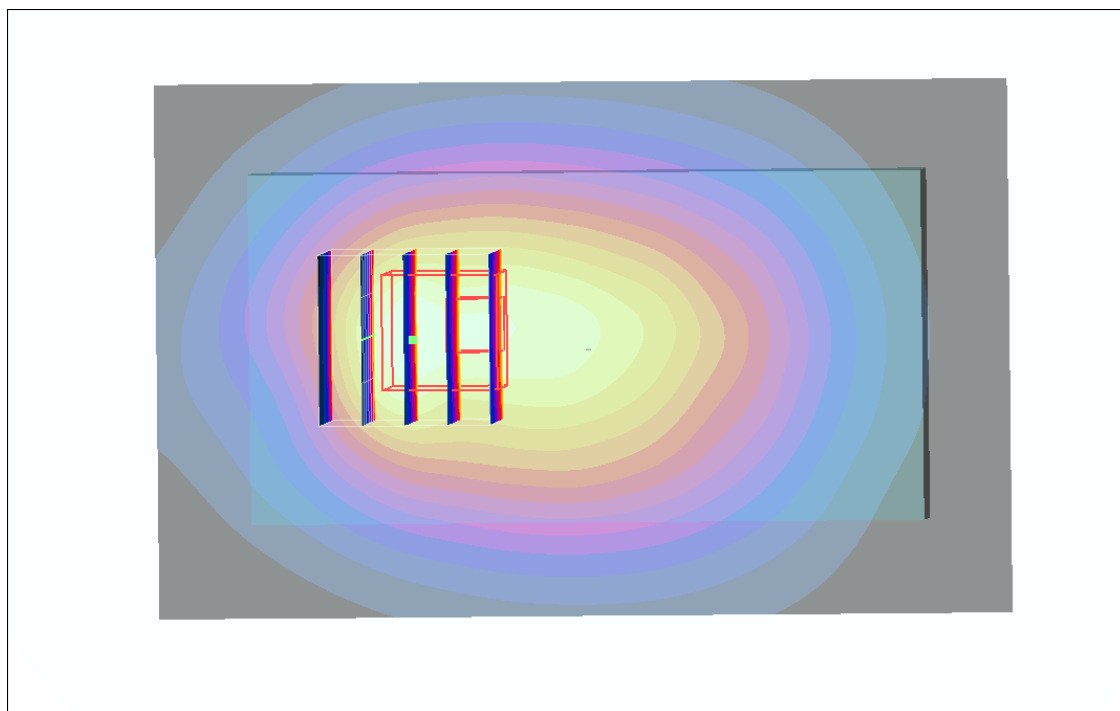
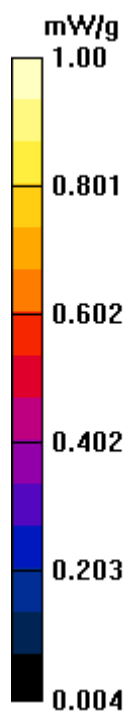
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.3 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.626 mW/g

Maximum value of SAR (measured) = 0.908 mW/g



#23 GSM850_GPRS10_Top Side_1cm_Ch128_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.028 mW/g

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

Reference Value = 3.81 V/m ; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.033 W/kg

SAR(1 g) = 0.025 mW/g ; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.027 mW/g

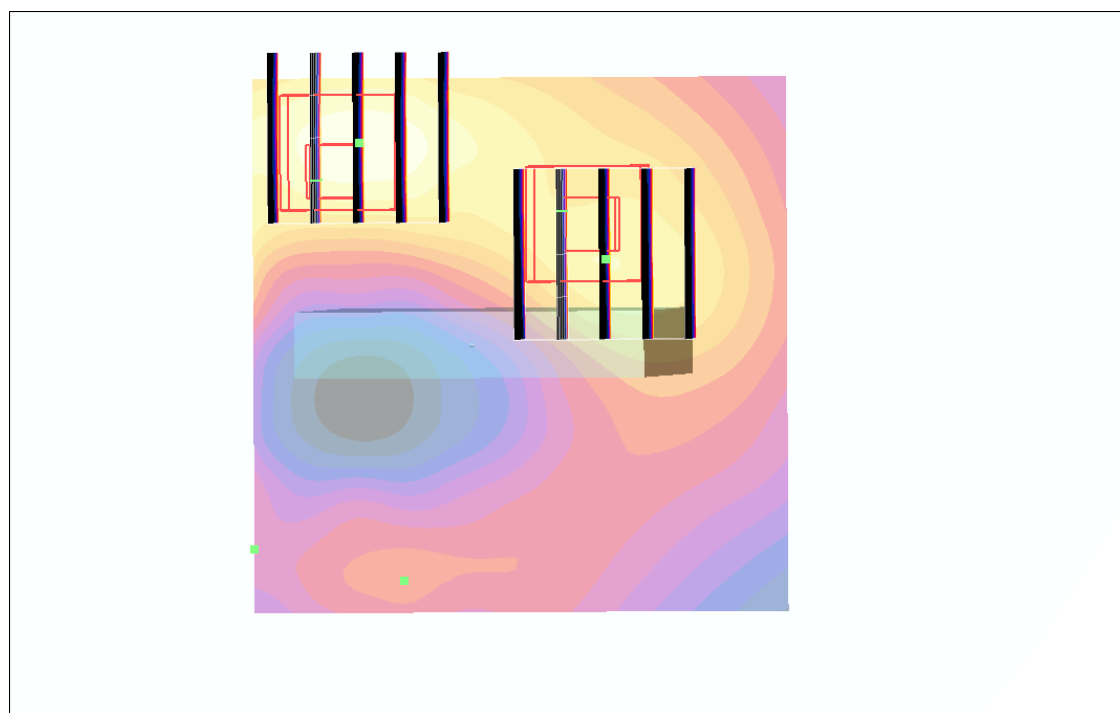
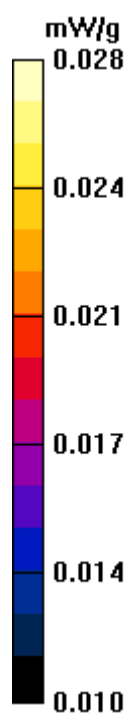
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.81 V/m ; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.023 mW/g ; SAR(10 g) = 0.018 mW/g

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



#24 GSM850_GPRS10_Down Side_1cm_Ch128_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.108 mW/g

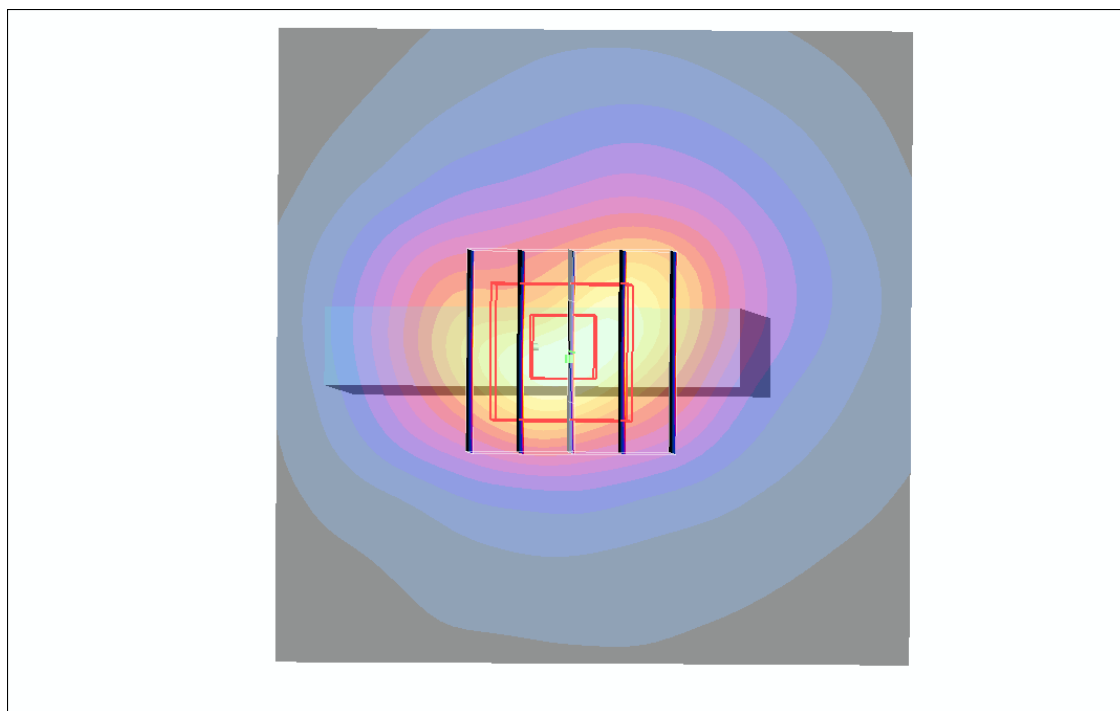
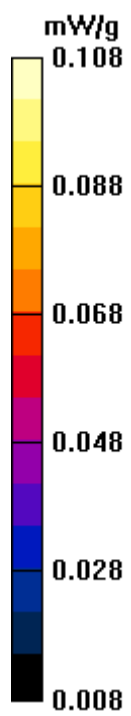
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.7 V/m ; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.133 mW/g ; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.148 mW/g



#25 GSM850_GPRS10_Left Side_1cm_Ch128_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (31x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.485 mW/g

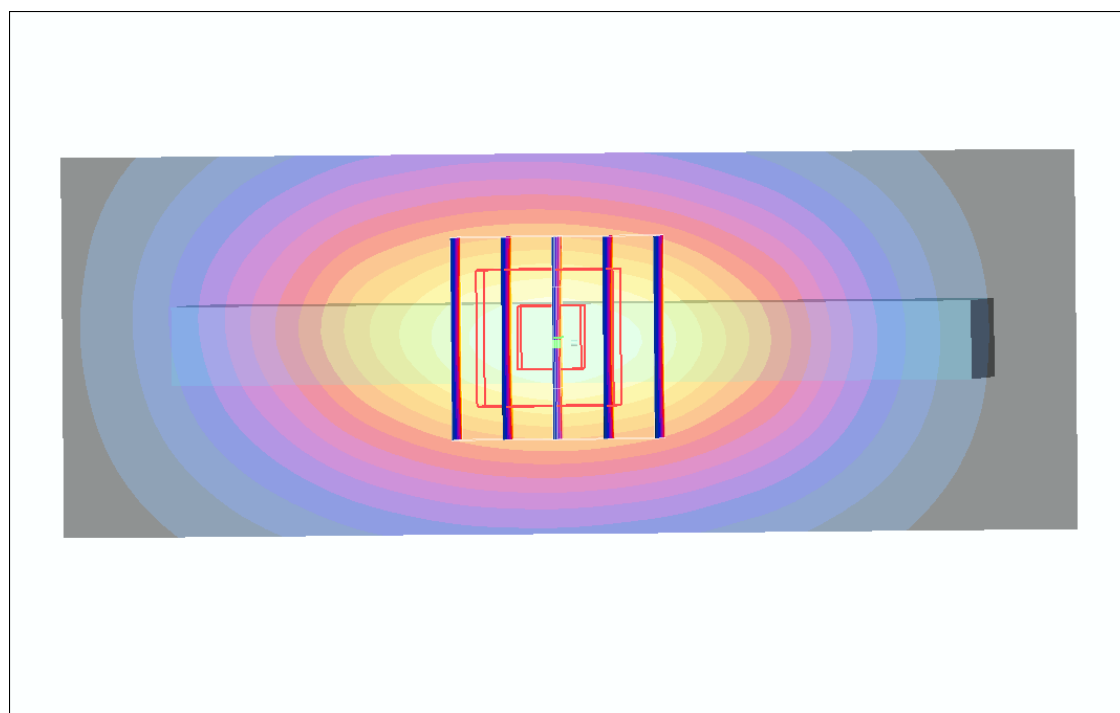
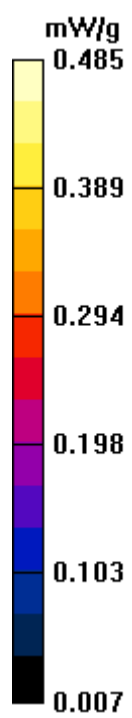
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.0 V/m ; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.651 W/kg

SAR(1 g) = 0.462 mW/g ; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 0.493 mW/g



#26 GSM850_GPRS10_Right Side_1cm_Ch128_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (31x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.492 mW/g

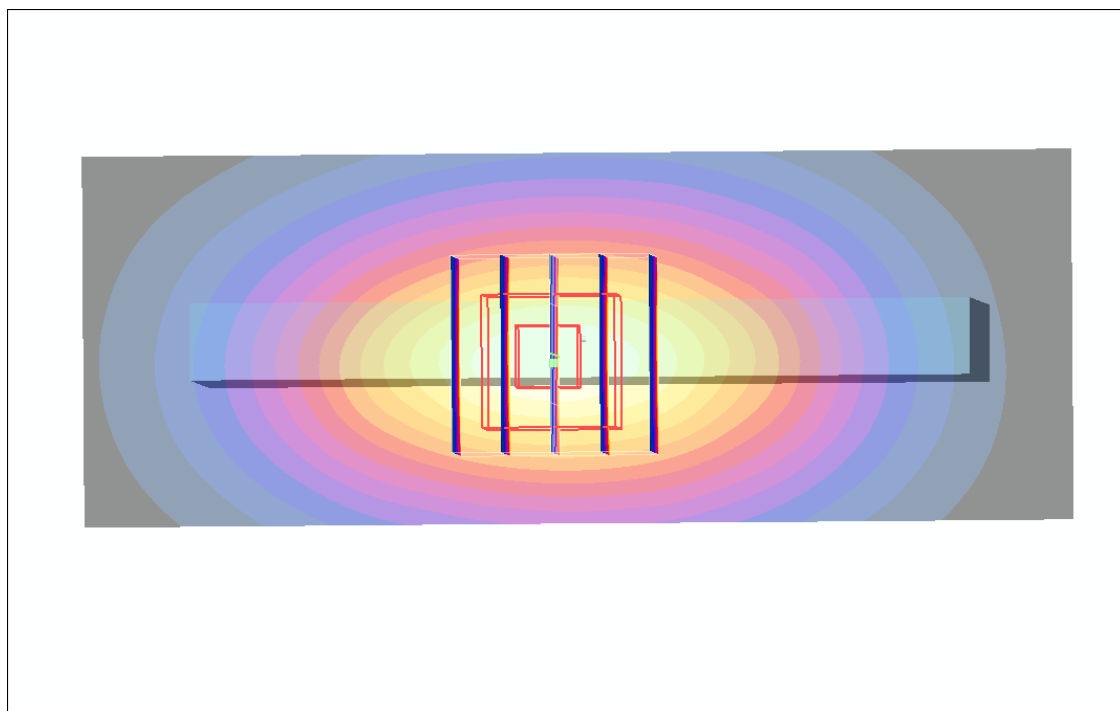
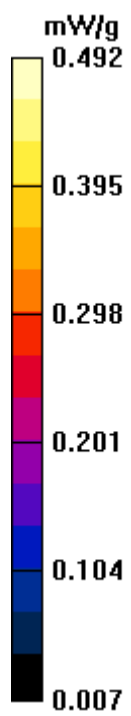
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.5 V/m ; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.467 mW/g ; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 0.498 mW/g



#21 GSM850_GPRS10_Bottom_1cm_Ch189_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.974 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.03 mW/g

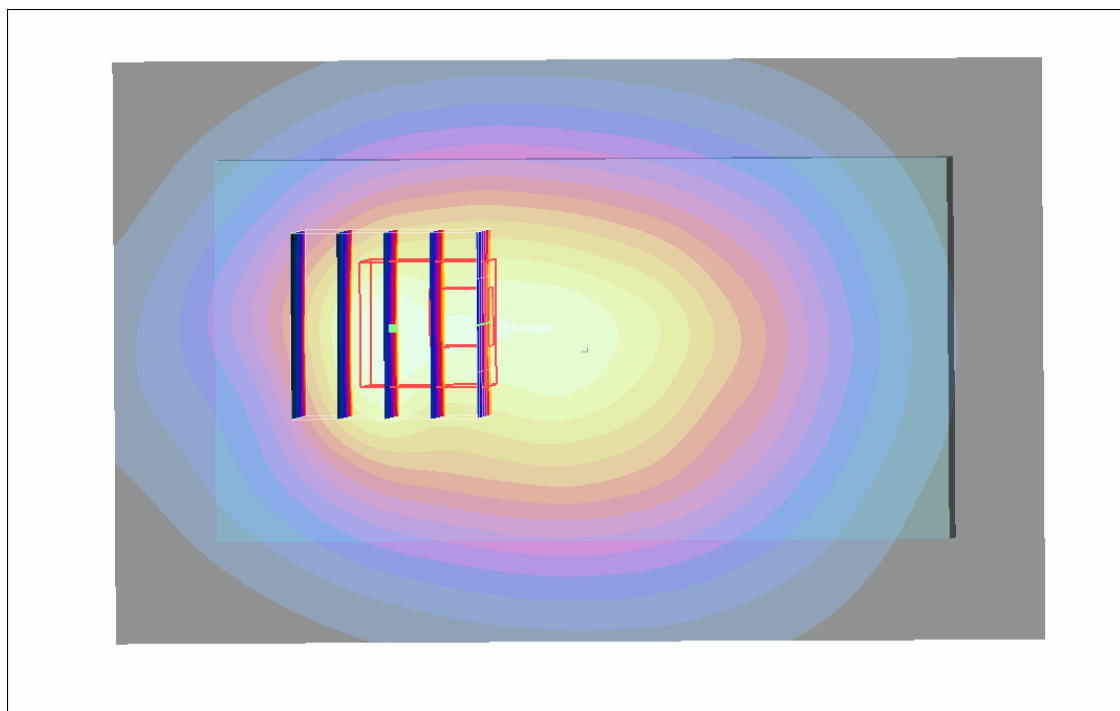
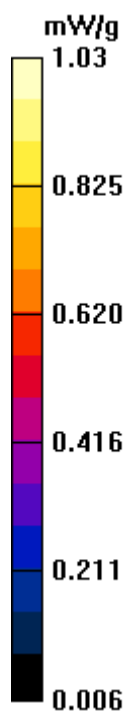
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.6 V/m ; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.890 mW/g ; SAR(10 g) = 0.649 mW/g

Maximum value of SAR (measured) = 0.942 mW/g



#22 GSM850_GPRS10_Bottom_1cm_Ch251_Sample1_Battery1

DUT: 141115-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used: $f = 849$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.10 mW/g

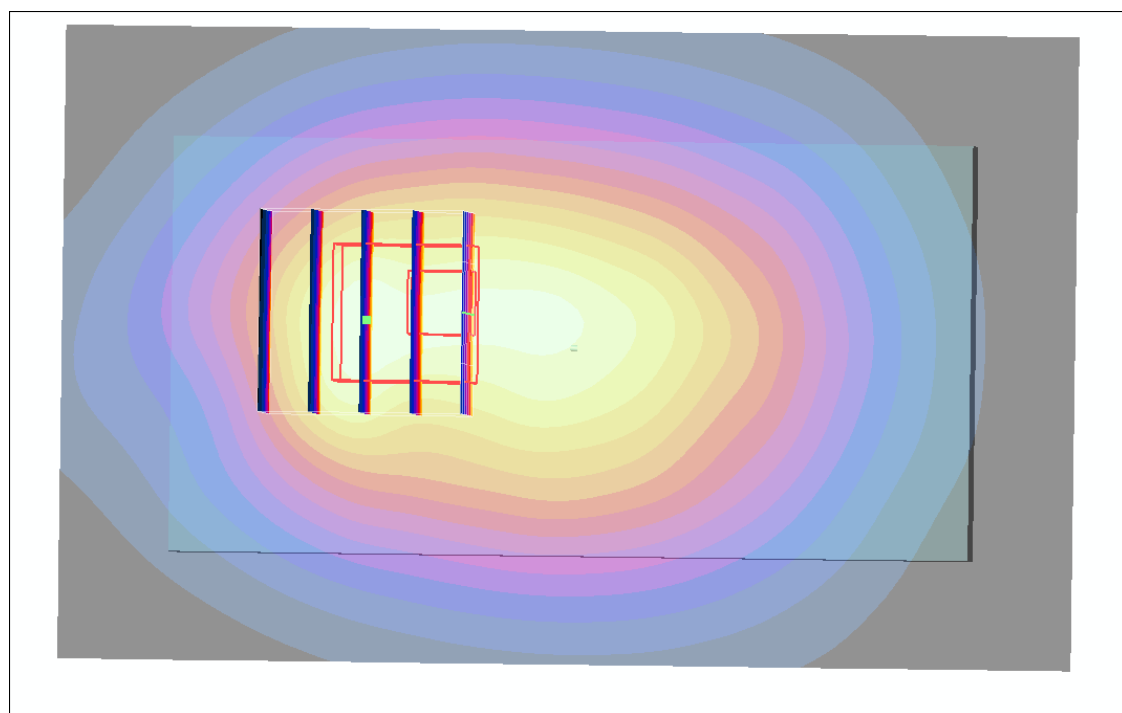
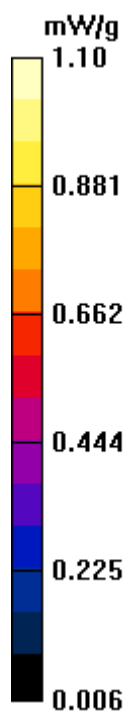
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.1 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.692 mW/g

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



#27 GSM850_GPRS10_Bottom_1cm_Ch251_Sample2_Battery2

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.96$
 mho/m ; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.6°C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

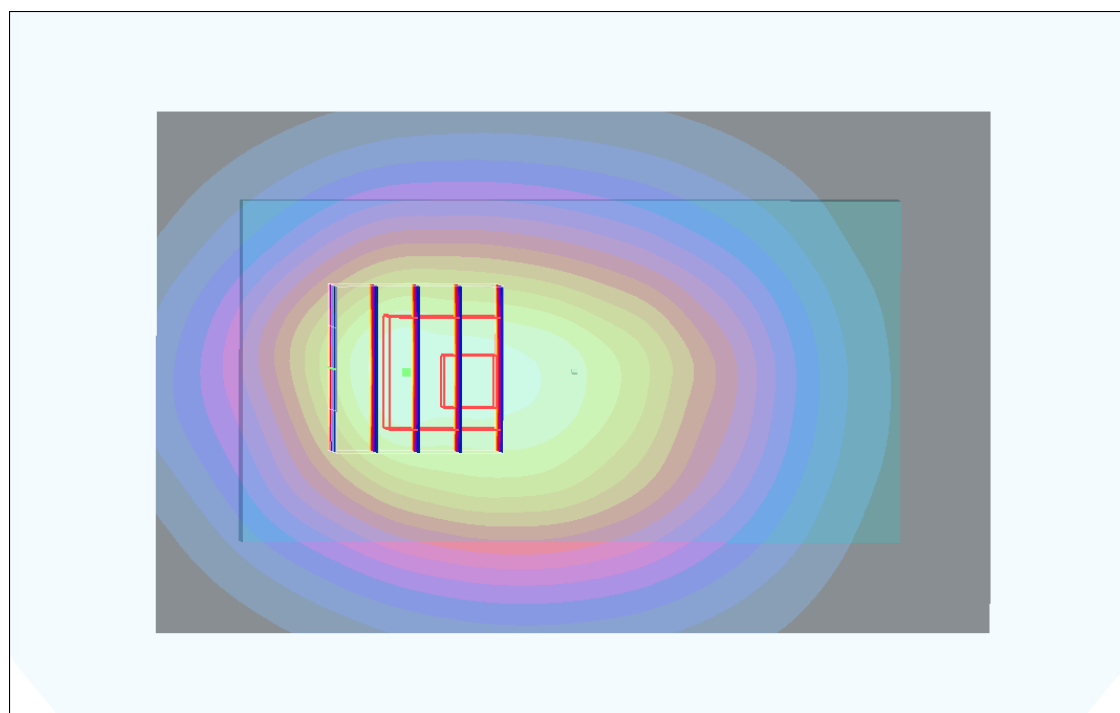
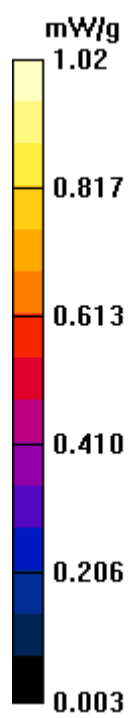
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.9 V/m ; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.919 mW/g ; SAR(10 g) = 0.689 mW/g

Maximum value of SAR (measured) = 0.987 mW/g



#28 GSM850_GPRS10_Bottom_1cm_Ch251_Sample1_Battery3

DUT: 141115-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used: $f = 849$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.956 mW/g

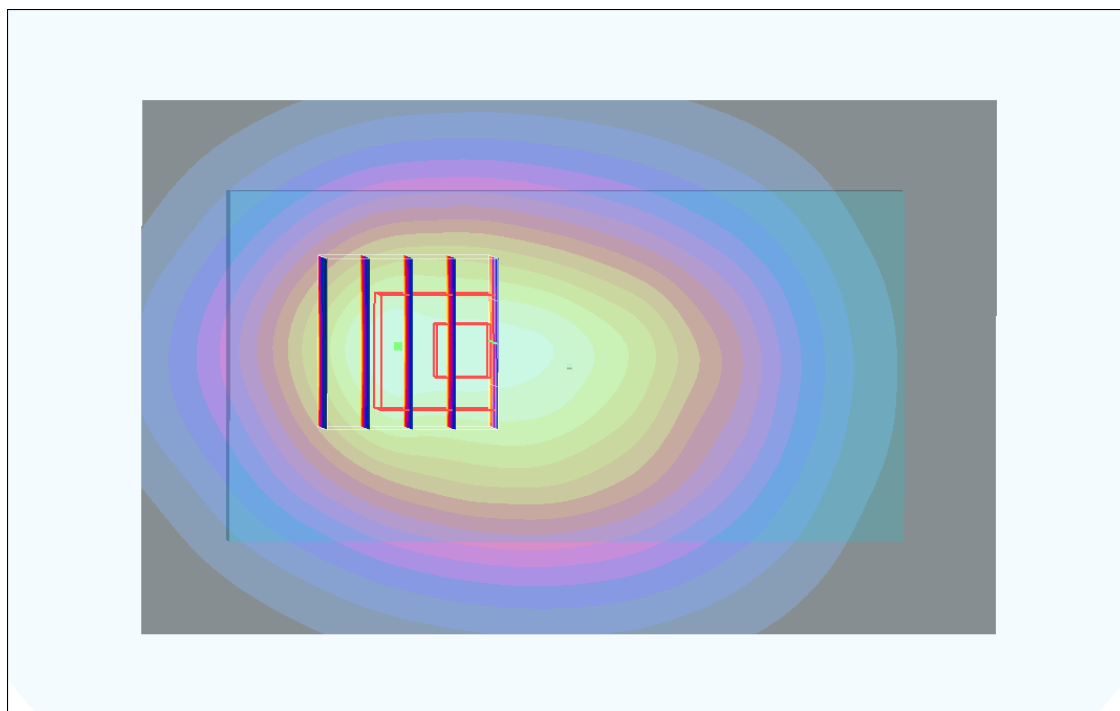
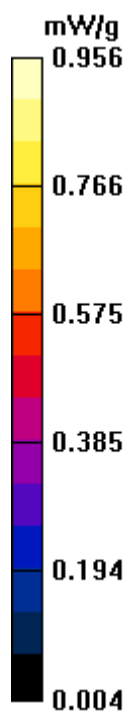
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.7 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.638 mW/g

Maximum value of SAR (measured) = 0.905 mW/g



#33 GSM850_GPRS10_Bottom_1cm_Ch128_Sample2_Battery2

DUT: 141115-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.96$
 mho/m ; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.11 mW/g

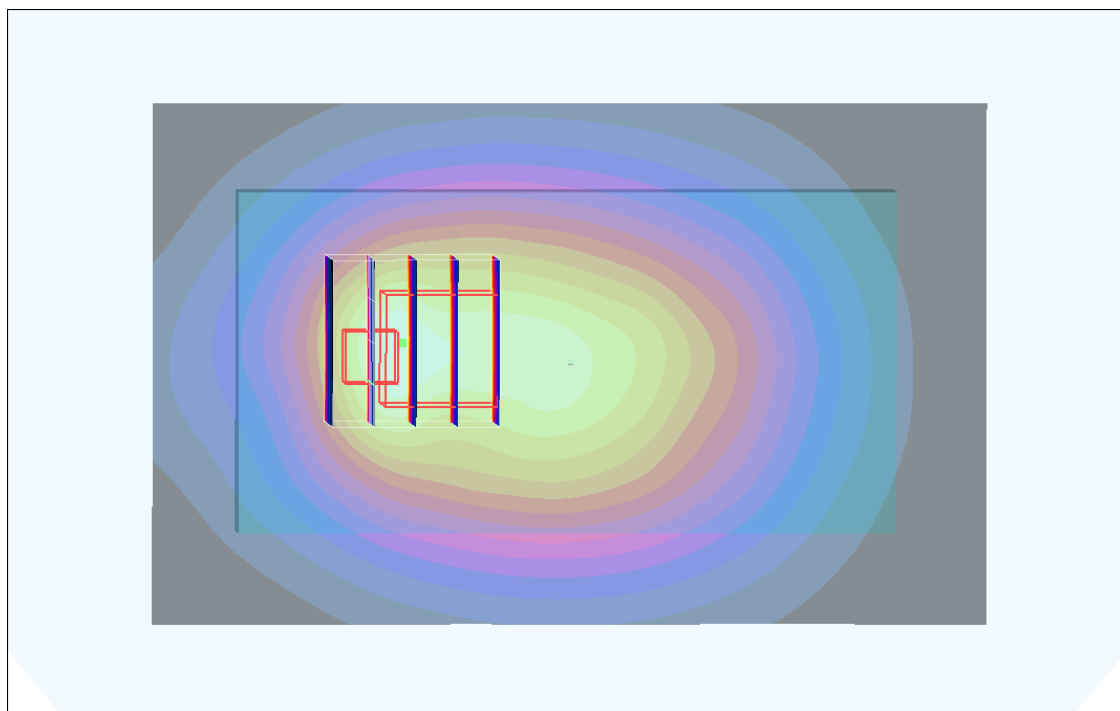
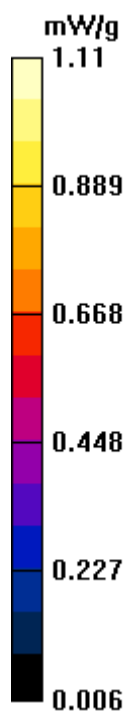
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.4 V/m ; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.942 mW/g ; SAR(10 g) = 0.682 mW/g

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



#34 GSM850_GPRS10_Bottom_1cm_Ch189_Sample2_Battery2

DUT: 141115-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used : $f = 836.4 \text{ MHz}$; $\sigma = 0.974$
 mho/m ; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.6°C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.04 mW/g

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

Reference Value = 32.1 V/m ; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.958 mW/g ; SAR(10 g) = 0.730 mW/g

Maximum value of SAR (measured) = 1.000 mW/g

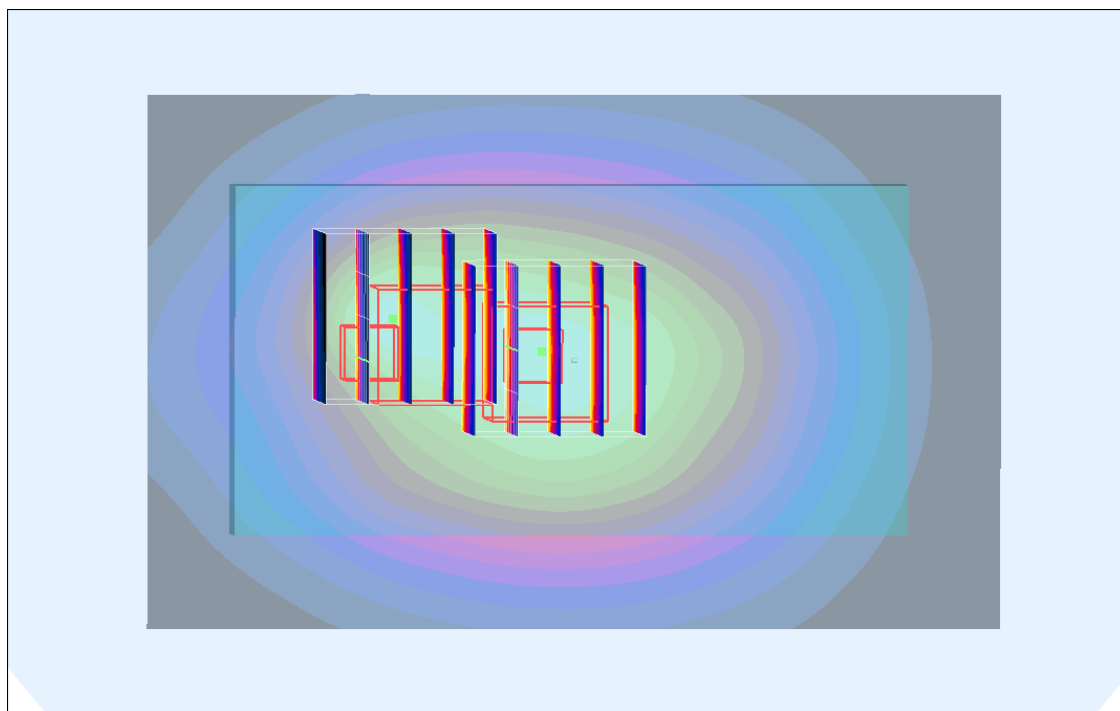
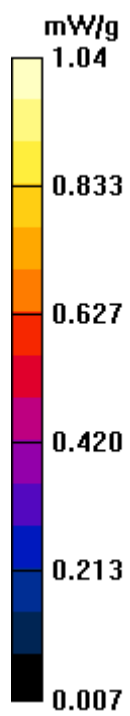
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.1 V/m ; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.953 mW/g ; SAR(10 g) = 0.670 mW/g

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



#34 GSM850_GPRS10_Bottom_1cm_Ch189_Sample2_Battery2_2D

DUT: 141115-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used : $f = 836.4 \text{ MHz}$; $\sigma = 0.974$
 mho/m ; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.04 mW/g

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

Reference Value = 32.1 V/m ; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.958 mW/g ; SAR(10 g) = 0.730 mW/g

Maximum value of SAR (measured) = 1.000 mW/g

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

Reference Value = 32.1 V/m ; Power Drift = -0.064 dB

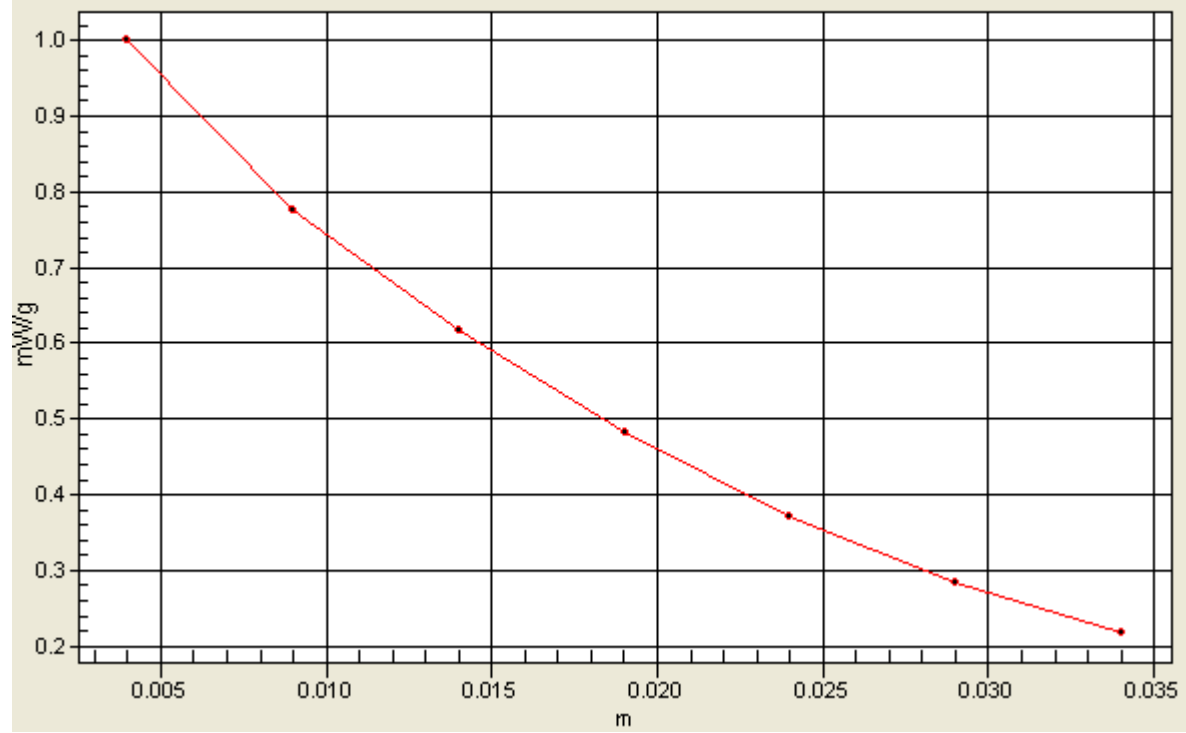
Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.953 mW/g ; SAR(10 g) = 0.670 mW/g

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

1g/10g Averaged SAR

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



#29 GSM850_GPRS10_Bottom_1cm_Ch189_ Sample1_Battery1_Earphon1

DUT: 141115-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used : $f = 836.4 \text{ MHz}$; $\sigma = 0.974$
 mho/m ; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

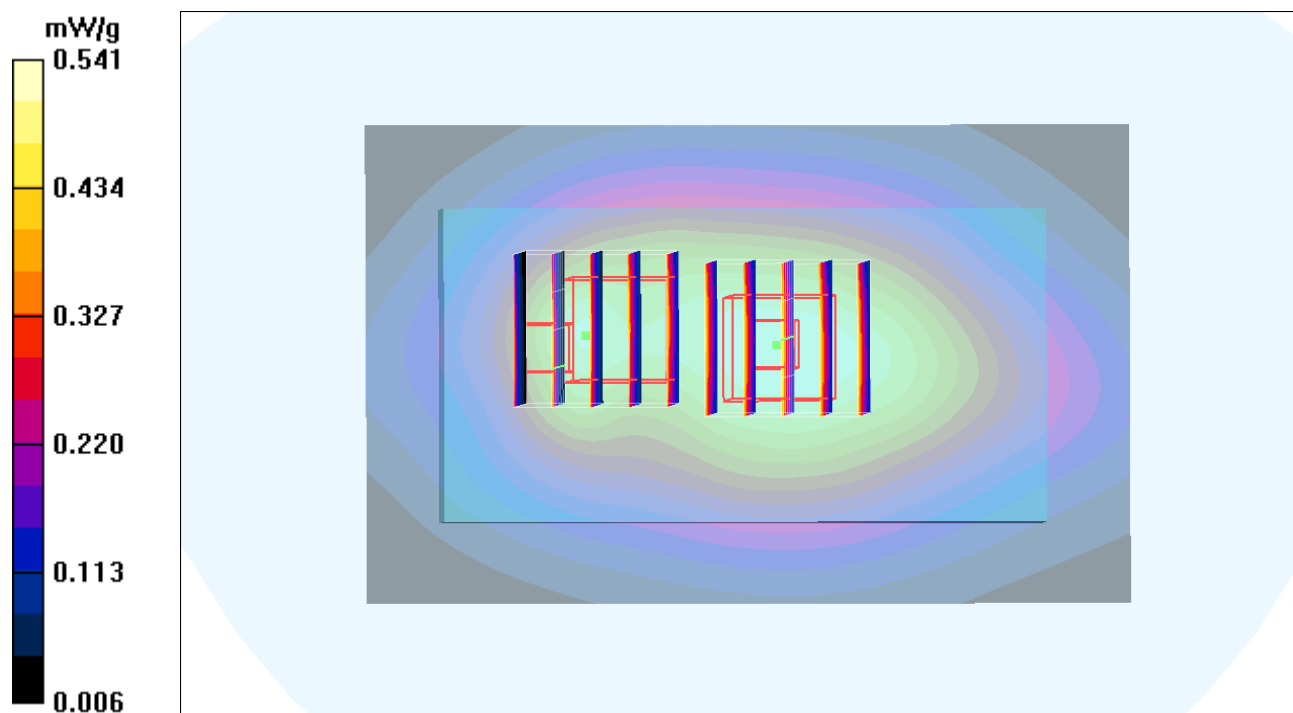
DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.541 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 23.2 V/m ; Power Drift = -0.172 dB
Peak SAR (extrapolated) = 0.616 W/kg
SAR(1 g) = 0.497 mW/g ; SAR(10 g) = 0.383 mW/g
Maximum value of SAR (measured) = 0.519 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 23.2 V/m ; Power Drift = -0.172 dB
Peak SAR (extrapolated) = 0.763 W/kg
SAR(1 g) = 0.445 mW/g ; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 0.479 mW/g



#30 GSM850_GPRS10_Bottom_1cm_Ch189_ Sample2_Battery2_Earphon2

DUT: 141115-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used : $f = 836.4 \text{ MHz}$; $\sigma = 0.974$
 mho/m ; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.802 mW/g

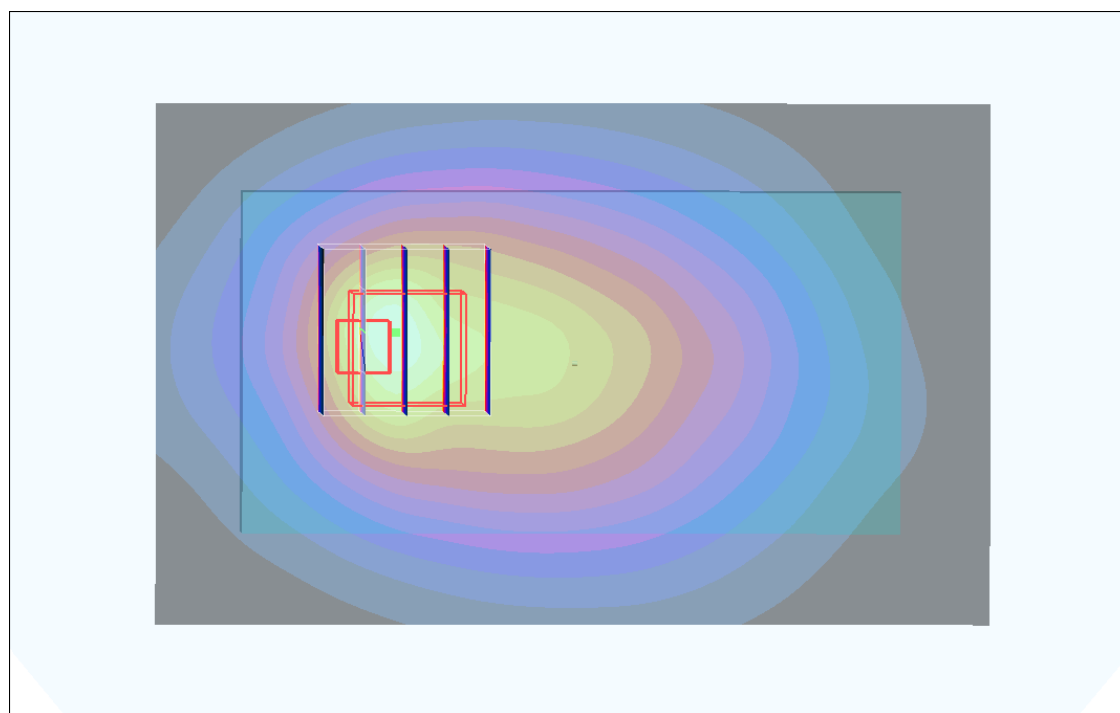
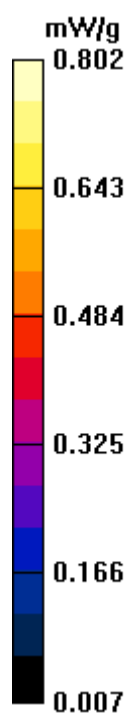
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 24.6 V/m ; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.685 mW/g ; SAR(10 g) = 0.452 mW/g

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



#31 GSM850_GPRS10_Bottom_1cm_Ch189_ Sample1_Battery3_Earphon3

DUT: 141115-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_850_110517 Medium parameters used : $f = 836.4 \text{ MHz}$; $\sigma = 0.974$
 mho/m ; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.682 mW/g

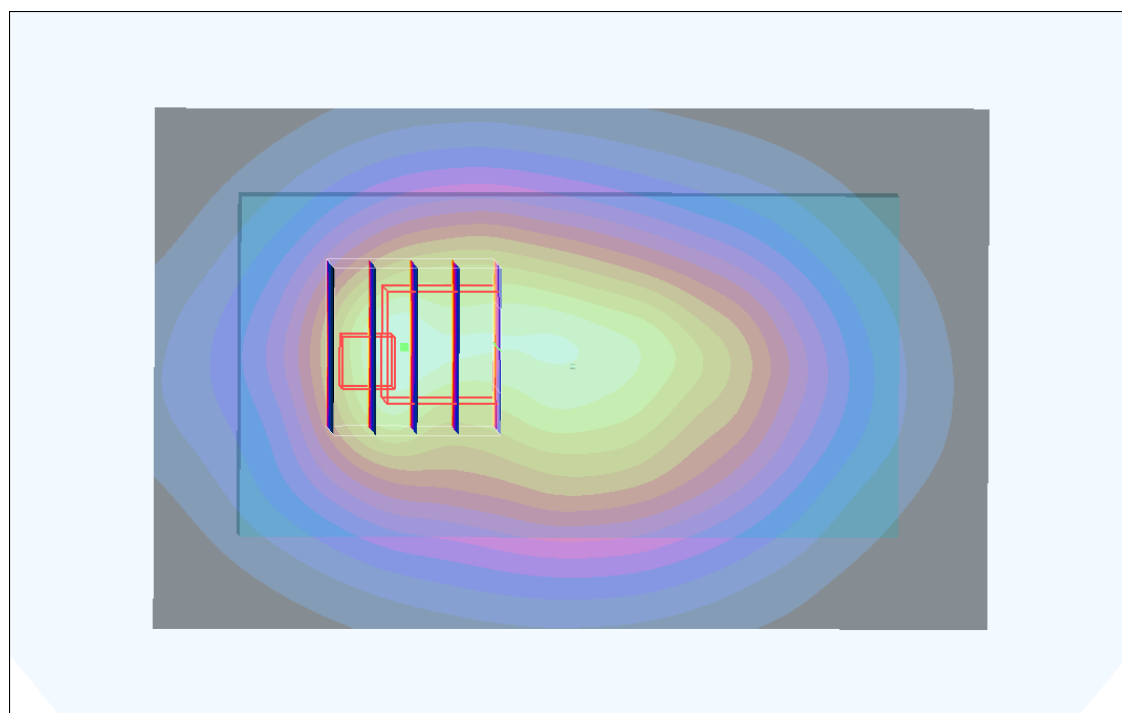
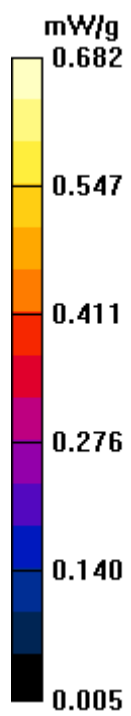
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 25.3 V/m ; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.948 W/kg

SAR(1 g) = 0.584 mW/g ; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 0.629 mW/g



#47 GSM1900_GPRS10_Face_1cm_Ch810_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.593 mW/g

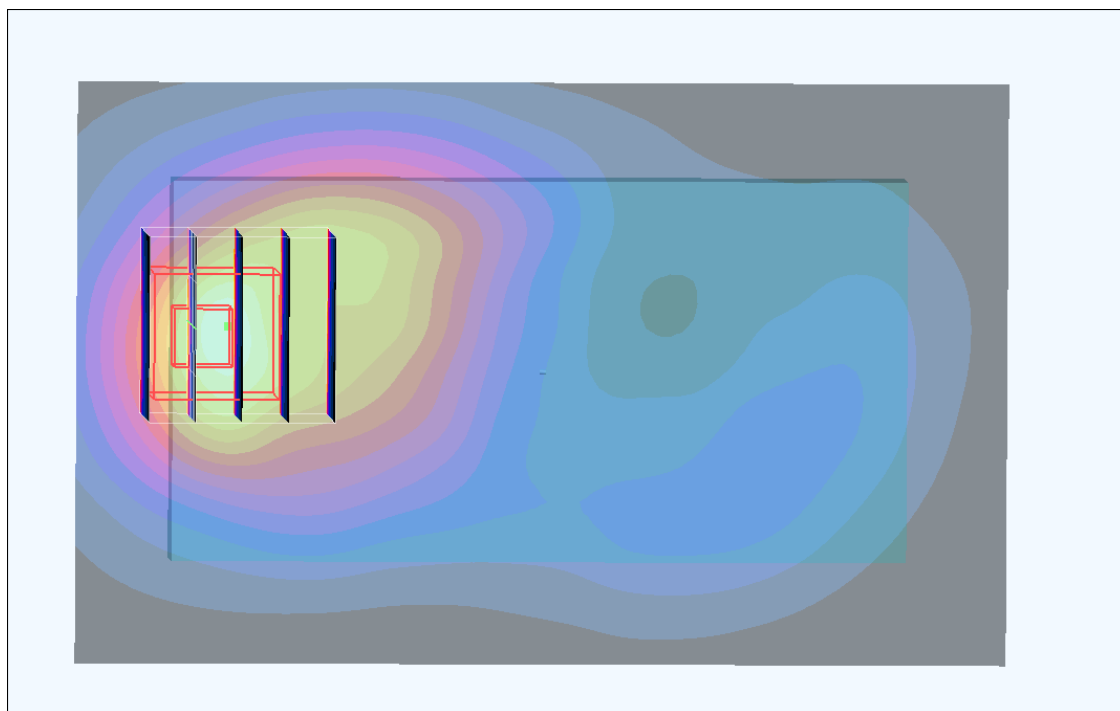
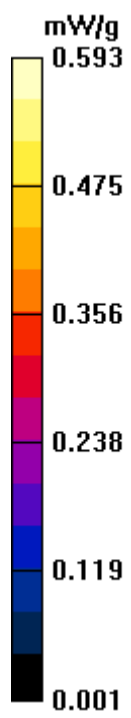
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.58 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 0.522 mW/g



#48 GSM1900_GPRS10_Bottom_1cm_Ch810_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

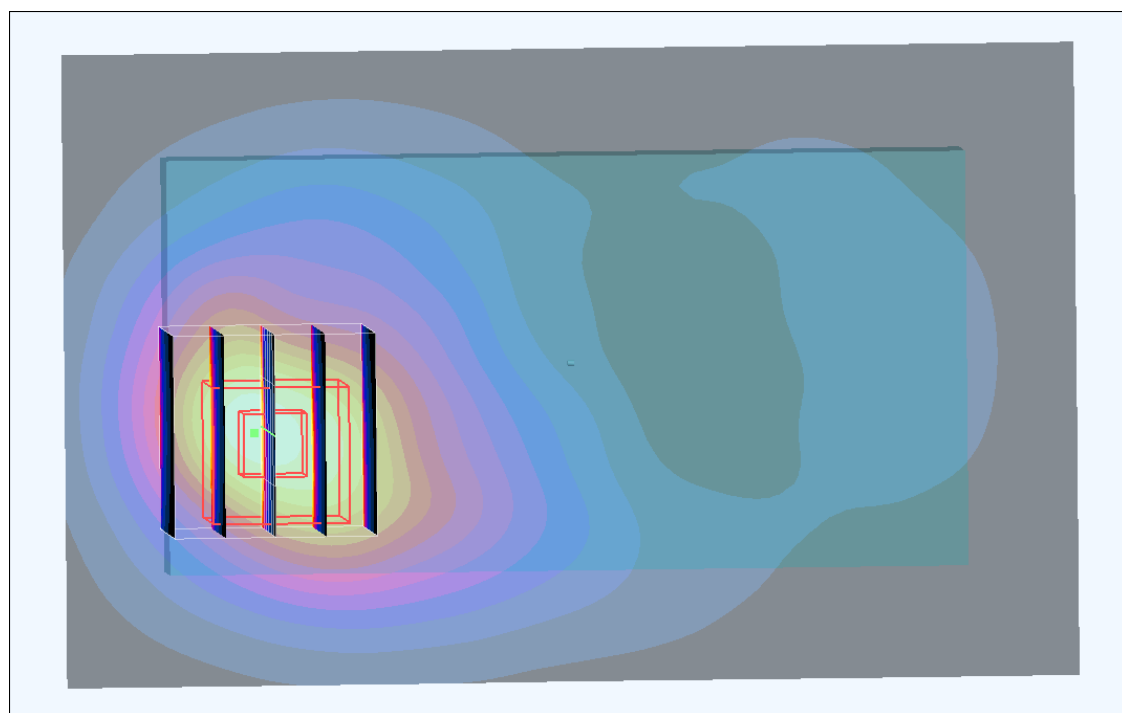
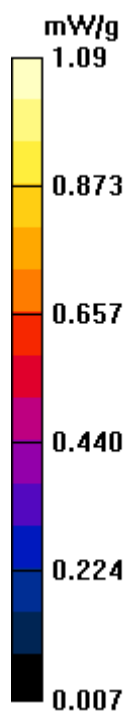
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.20 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.585 mW/g

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



#49 GSM1900_GPRS10_Top Side_1cm_Ch810_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

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

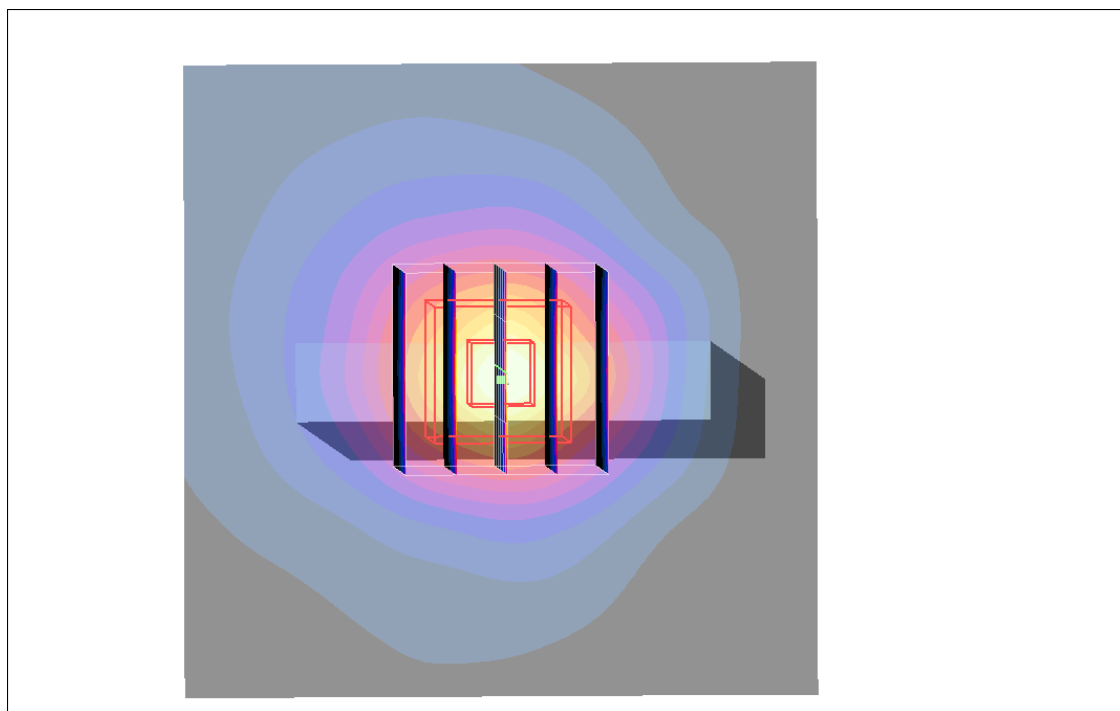
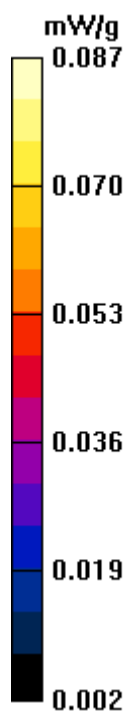
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.18 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.041 mW/g

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



#50 GSM1900_GPRS10_Down Side_1cm_Ch810_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

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

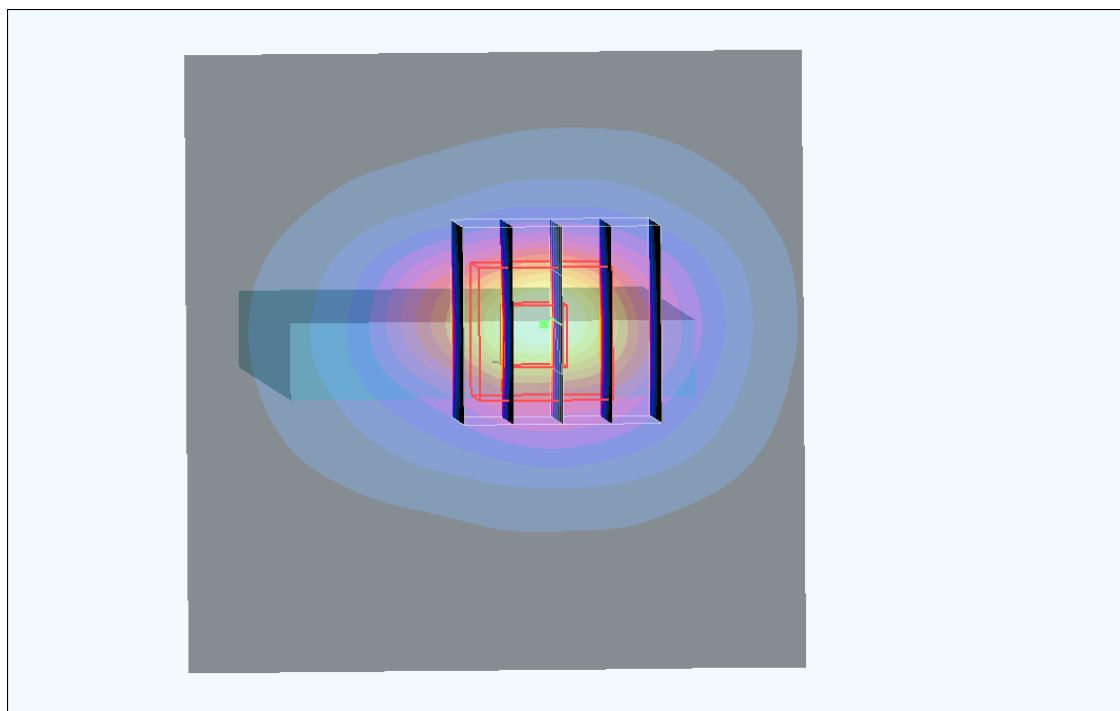
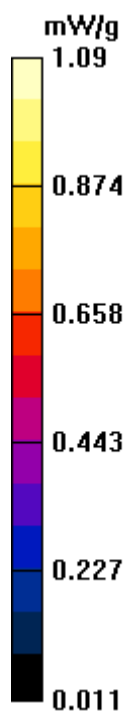
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.3 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.570 mW/g

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



#51 GSM1900_GPRS10_Left Side_1cm_Ch810_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.180 mW/g

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

Reference Value = 8.78 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.101 mW/g

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

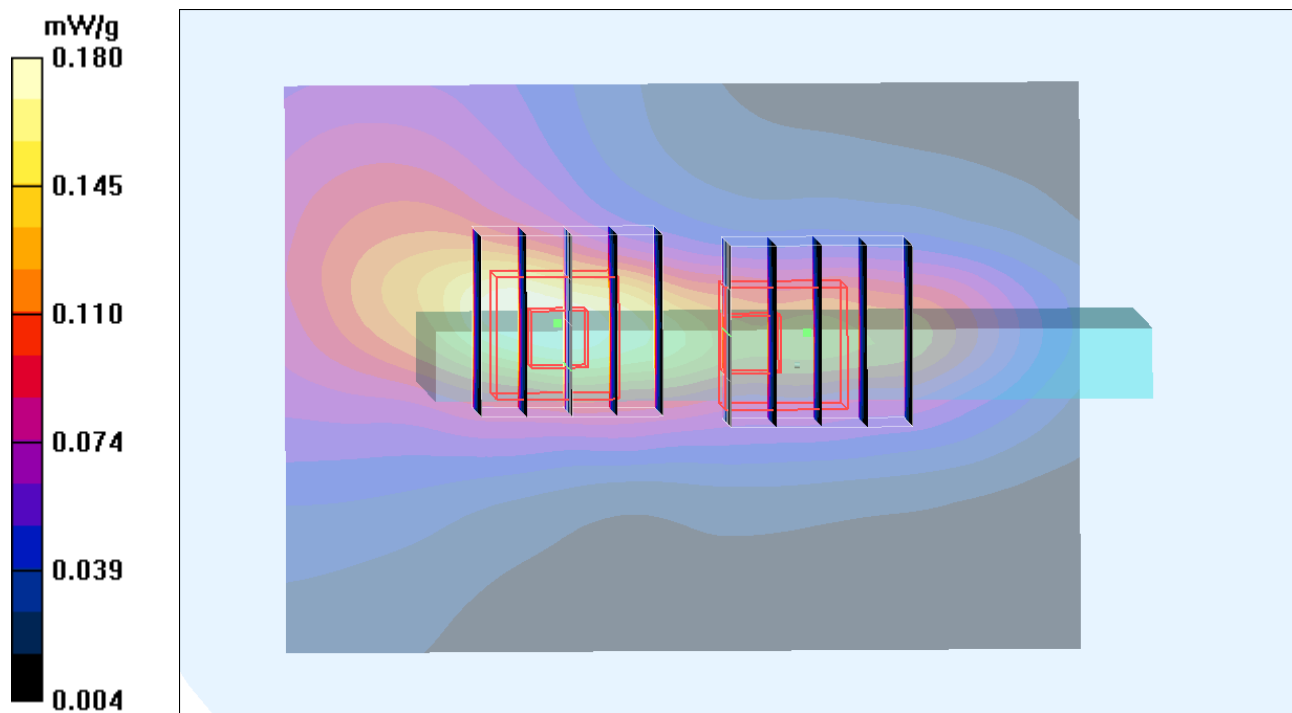
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.78 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.130 mW/g



#52 GSM1900_GPRS10_Right Side_1cm_Ch810_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C; Liquid Temperature : 21.5 °C

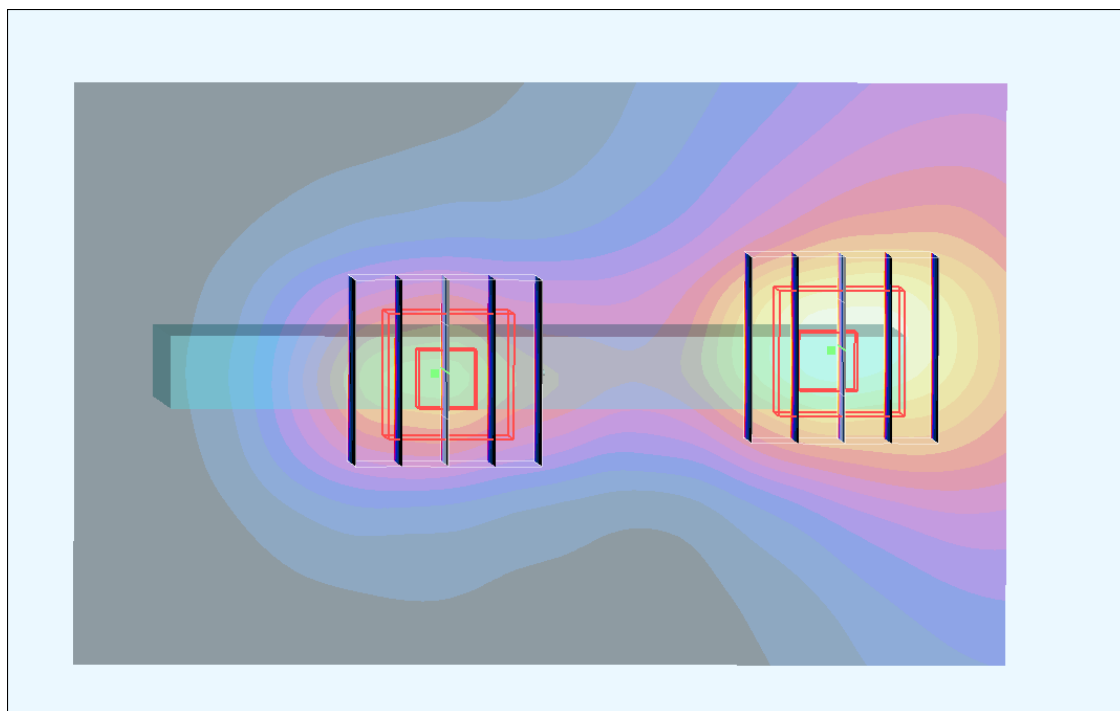
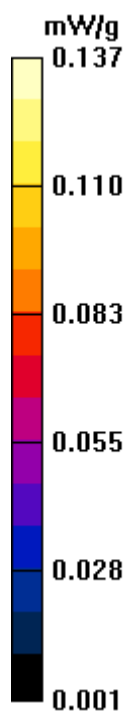
DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.137 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.42 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.152 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.42 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.111 mW/g



#53 GSM1900_GPRS10_Bottom_1cm_Ch512_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.893 mW/g

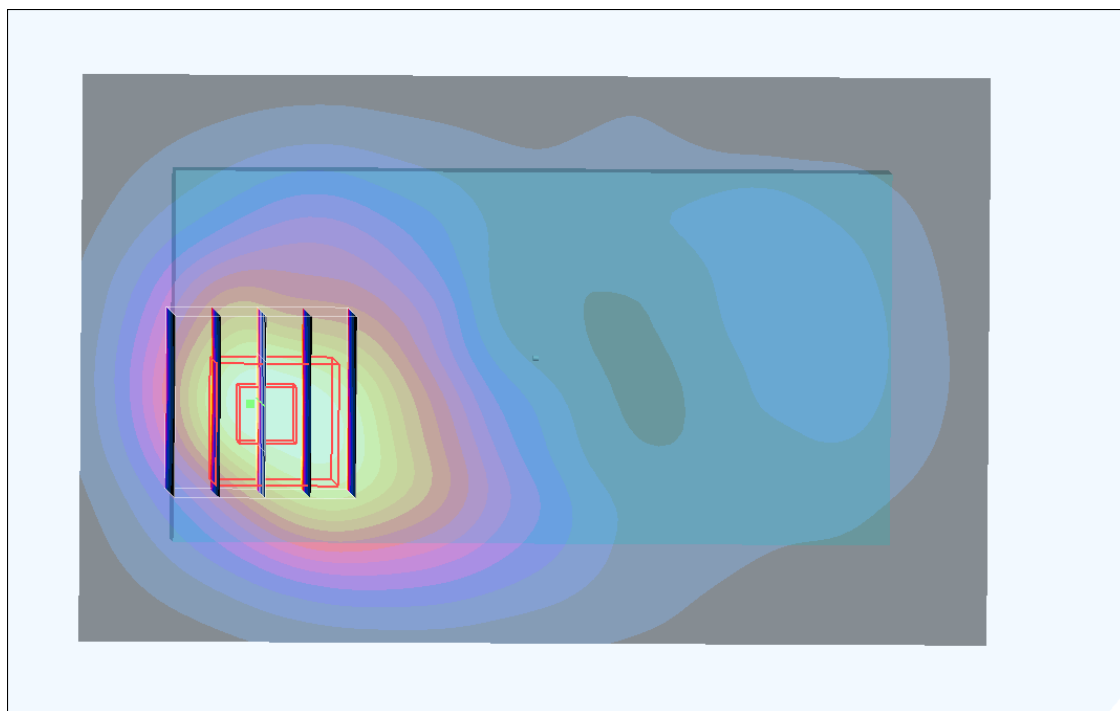
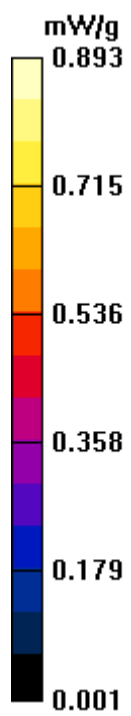
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.15 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.529 mW/g

Maximum value of SAR (measured) = 0.955 mW/g



#54 GSM1900_GPRS10_Bottom_1cm_Ch661_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.983 mW/g

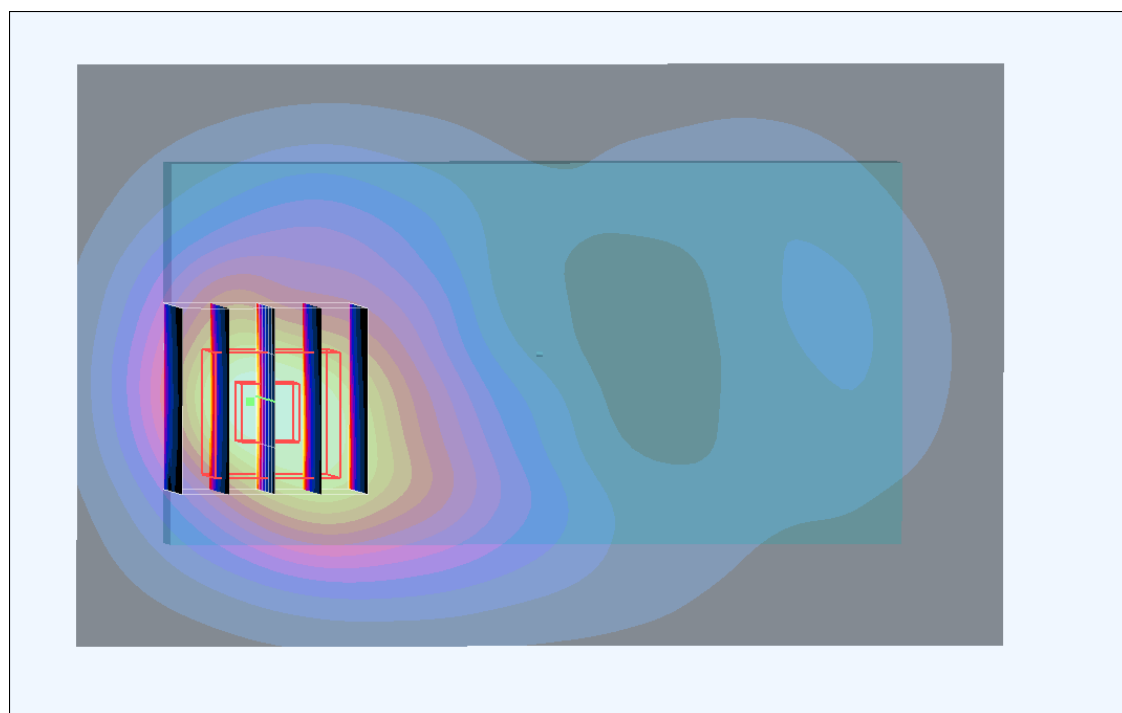
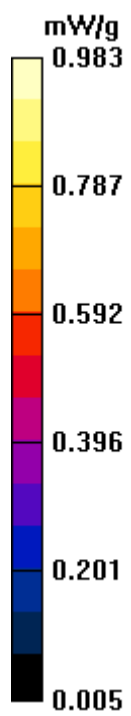
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.64 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.563 mW/g

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



#55 GSM1900_GPRS10_Down Side_1cm_Ch512_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.1 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.954 mW/g

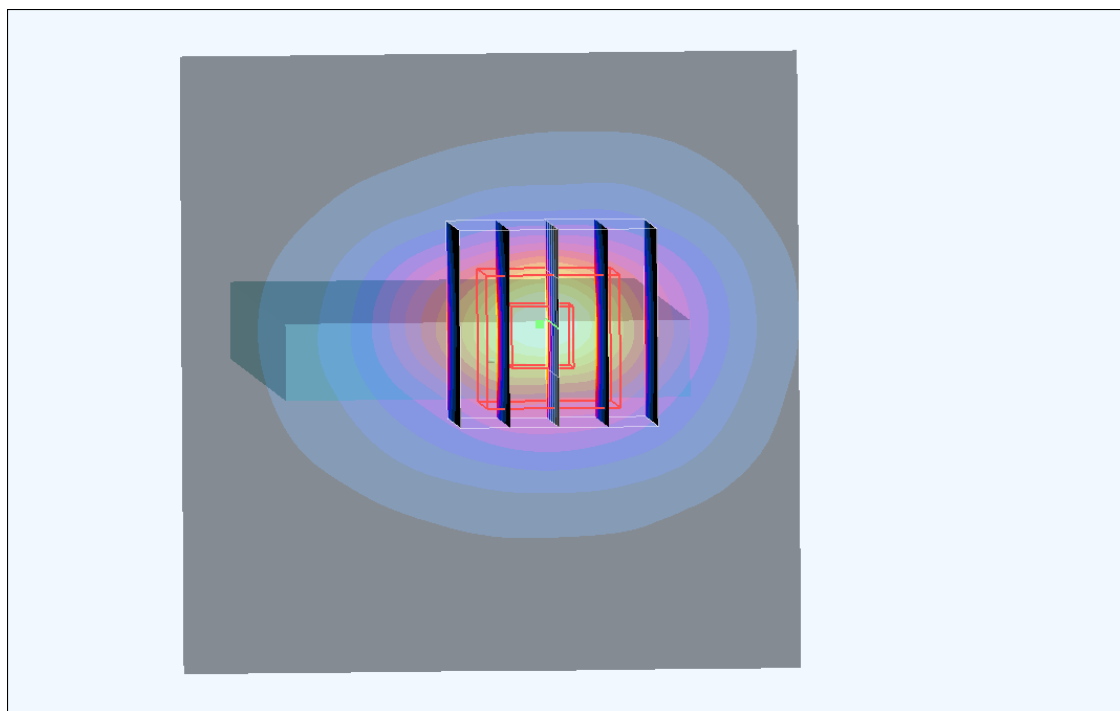
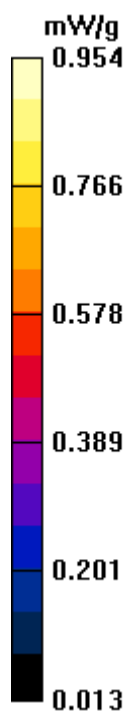
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.7 V/m ; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.946 mW/g ; SAR(10 g) = 0.508 mW/g

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



#56 GSM1900_GPRS10_Down Side_1cm_Ch661_Sample1_Battery1

DUT: 141115-01

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

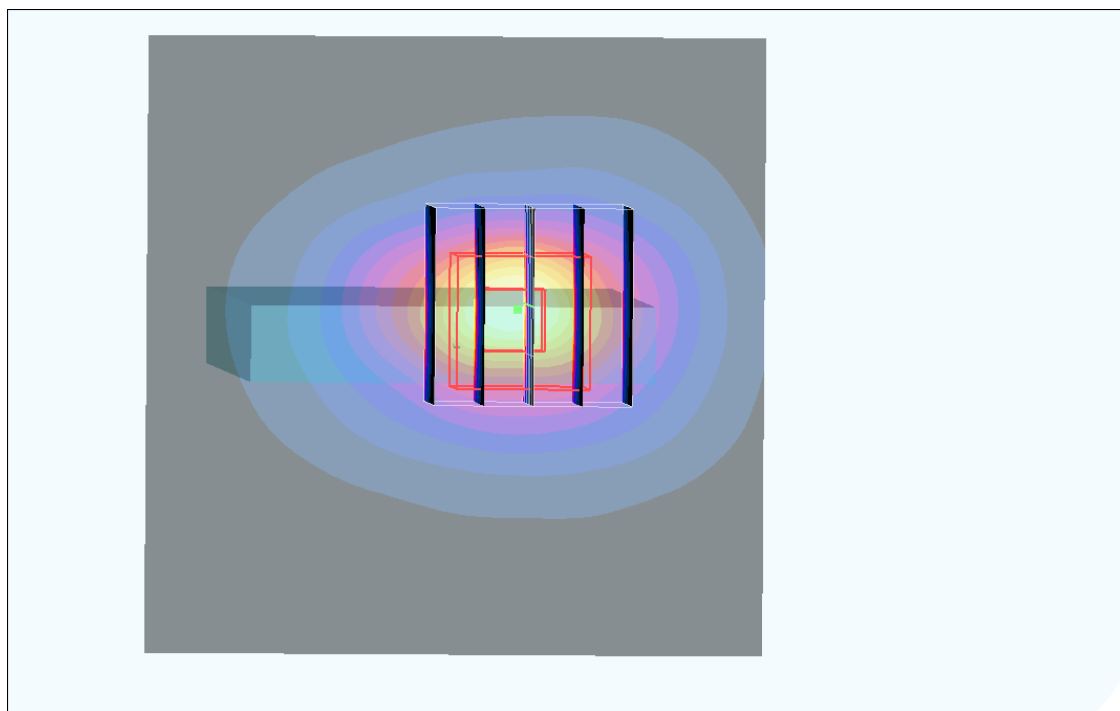
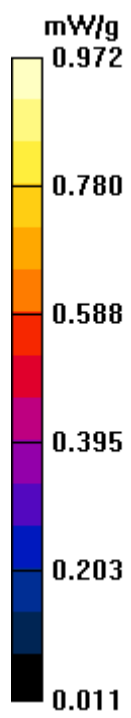
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.4 V/m ; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.959 mW/g ; SAR(10 g) = 0.500 mW/g

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



#57 GSM1900_GPRS10_Down Side_1cm_Ch810_Sample2_Battery2

DUT: 141115-01

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.942 mW/g

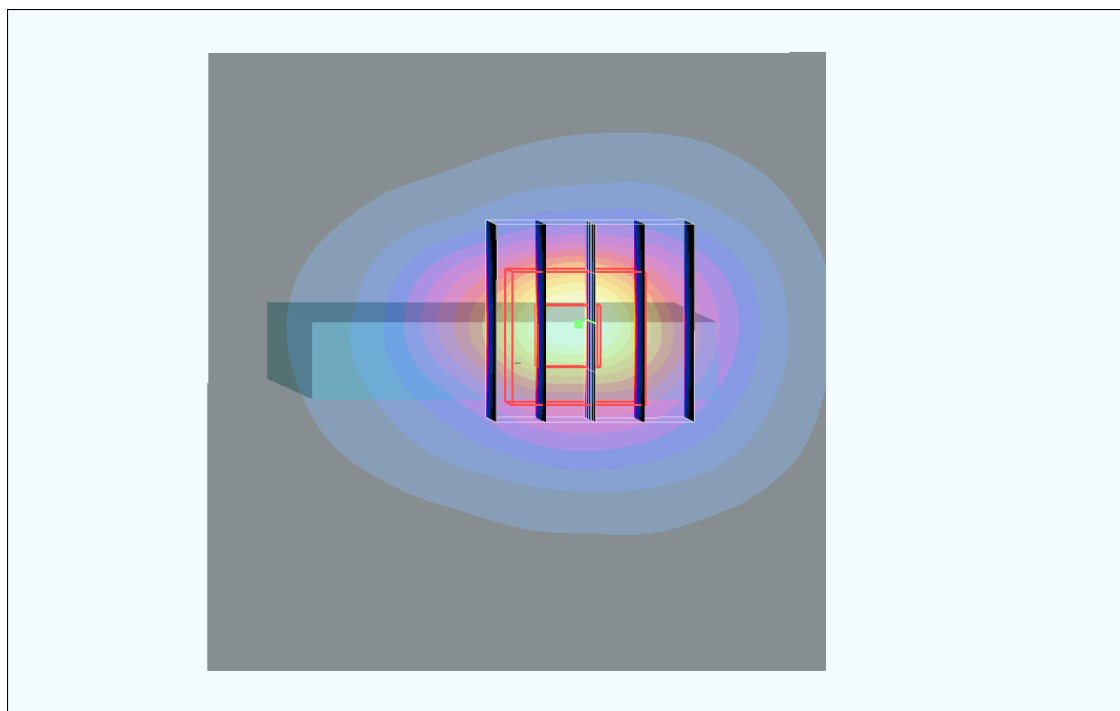
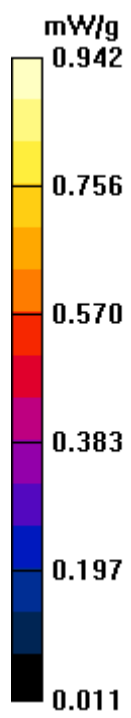
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.478 mW/g

Maximum value of SAR (measured) = 0.970 mW/g



#58 GSM1900_GPRS10_Down Side_1cm_Ch810_Sample1_Battery3

DUT: 141115-01

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.13 mW/g

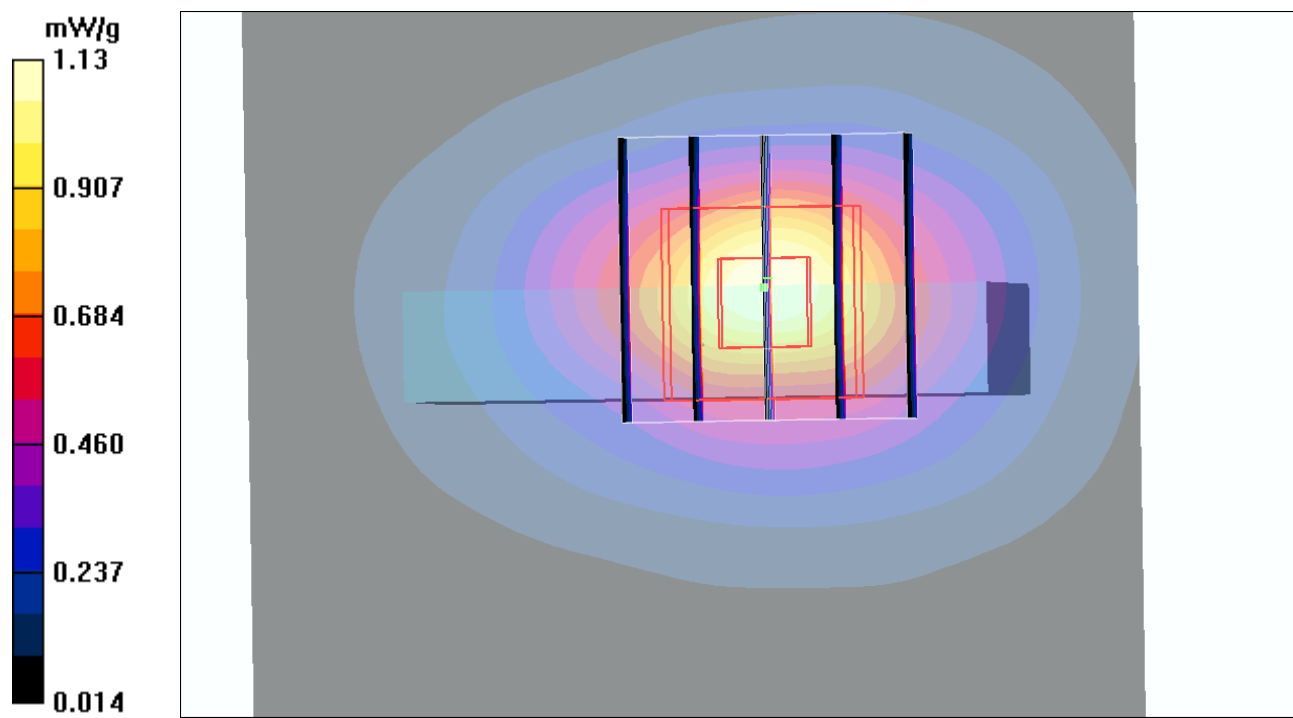
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.7 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.593 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



#58 GSM1900_GPRS10_Down Side_1cm_Ch810_Sample1_Battery3_2D

DUT: 141115-01

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.13 mW/g

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

Reference Value = 25.7 V/m; Power Drift = -0.028 dB

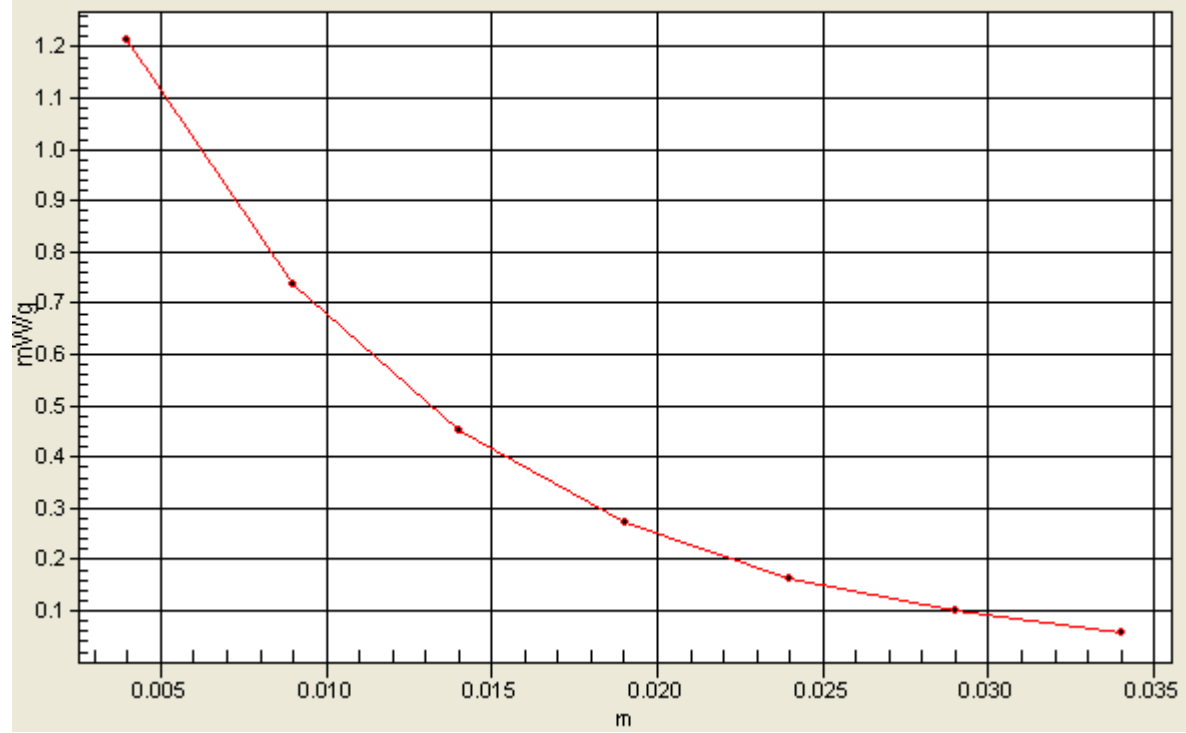
Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.593 mW/g

Maximum value of SAR (measured) = 1.21 mW/g

1g/10g Averaged SAR

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



#59 GSM1900_GPRS10_Down Side_1cm_Ch512_Sample1_Battery3

DUT: 141115-01

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

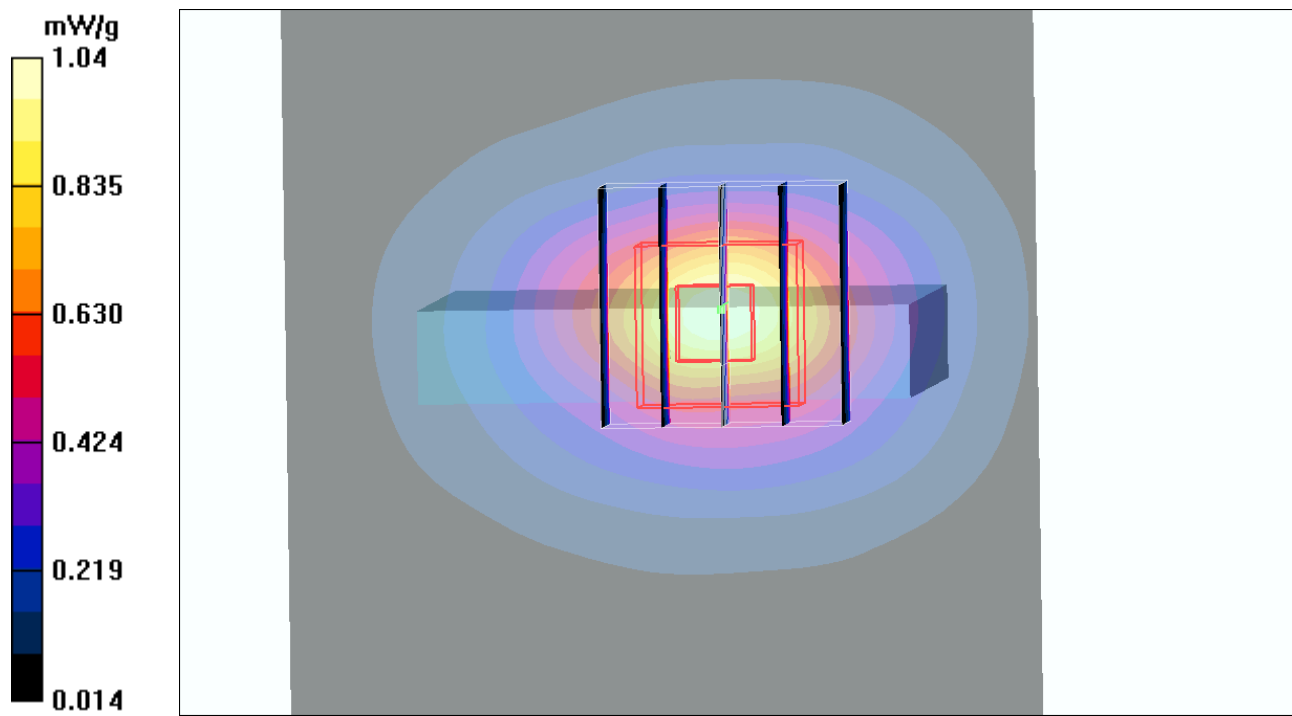
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.3 V/m ; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.02 mW/g ; SAR(10 g) = 0.550 mW/g

Maximum value of SAR (measured) = 1.10 mW/g



#60 GSM1900_GPRS10_Down Side_1cm_Ch661_Sample1_Battery3

DUT: 141115-01

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110518 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

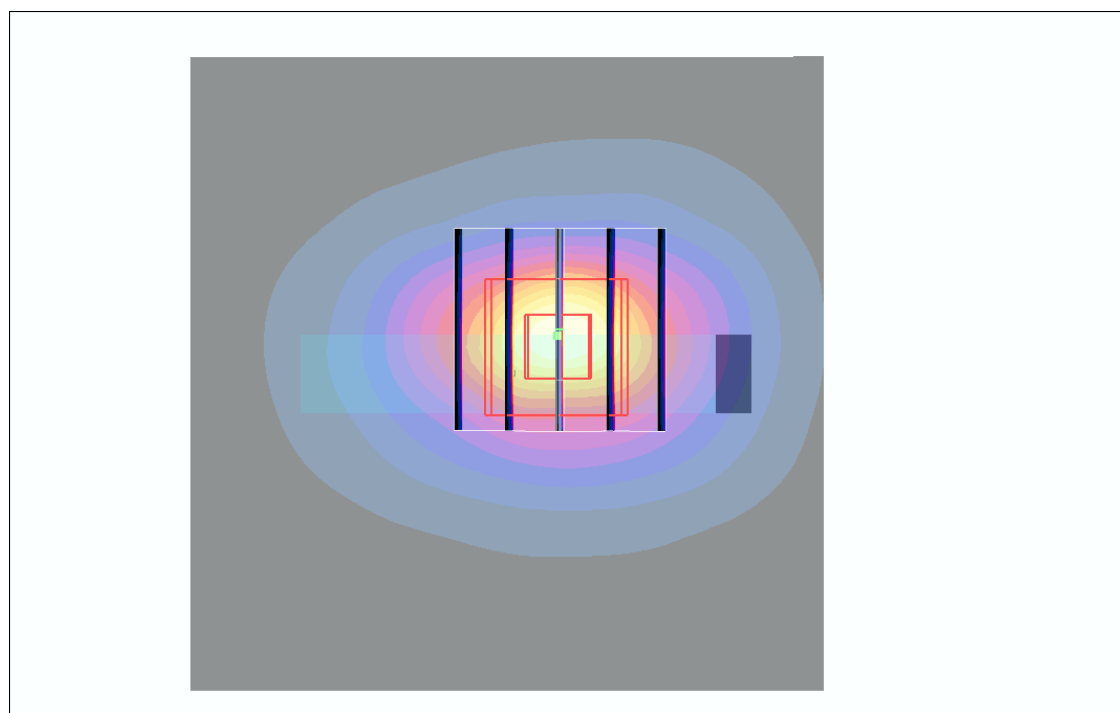
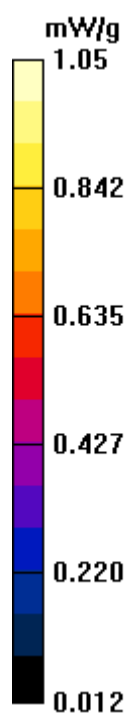
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.2 V/m ; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.05 mW/g ; SAR(10 g) = 0.559 mW/g

Maximum value of SAR (measured) = 1.13 mW/g



#61GSM1900_GPRS10_Bottom_1cm_Ch810_Sample1_Battery1_Earphone1

DUT: 141115-01

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_110518 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.55$
 mho/m ; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 22.0°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.12 mW/g

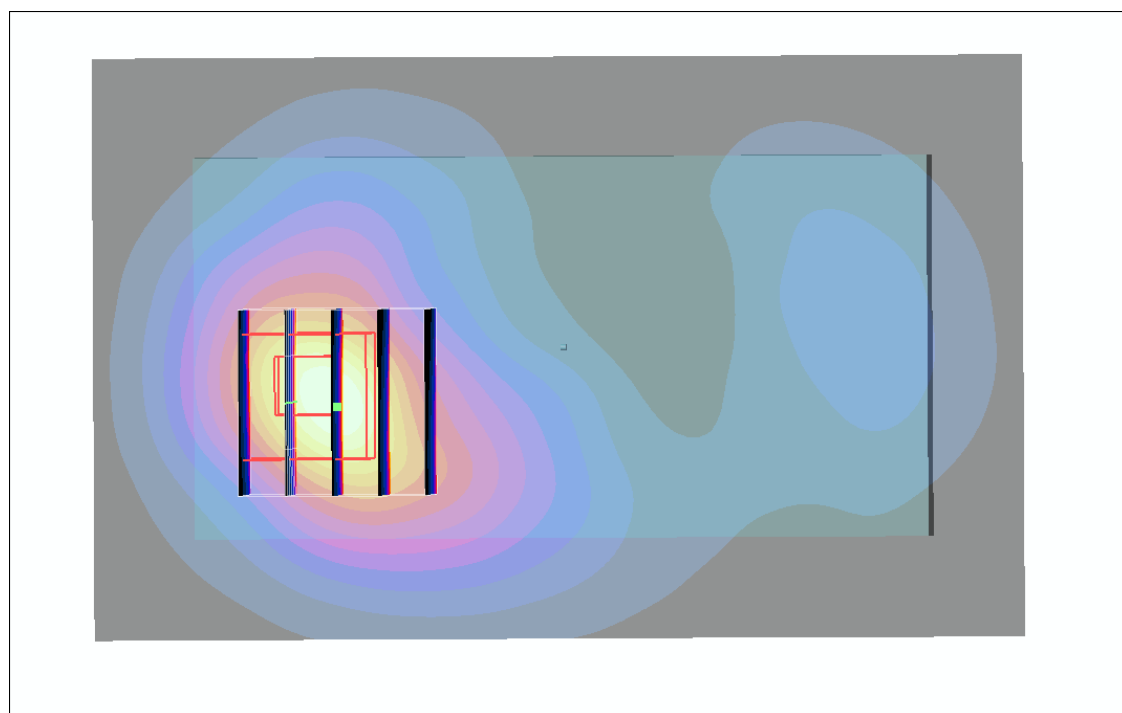
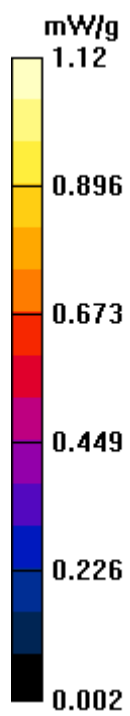
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 9.47 V/m ; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.04 mW/g ; SAR(10 g) = 0.589 mW/g

Maximum value of SAR (measured) = 1.10 mW/g



#62GSM1900_GPRS10_Bottom_1cm_Ch810

Sample2_Battery2_Earphone2

DUT: 141115-01

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_110518 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.55$
mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

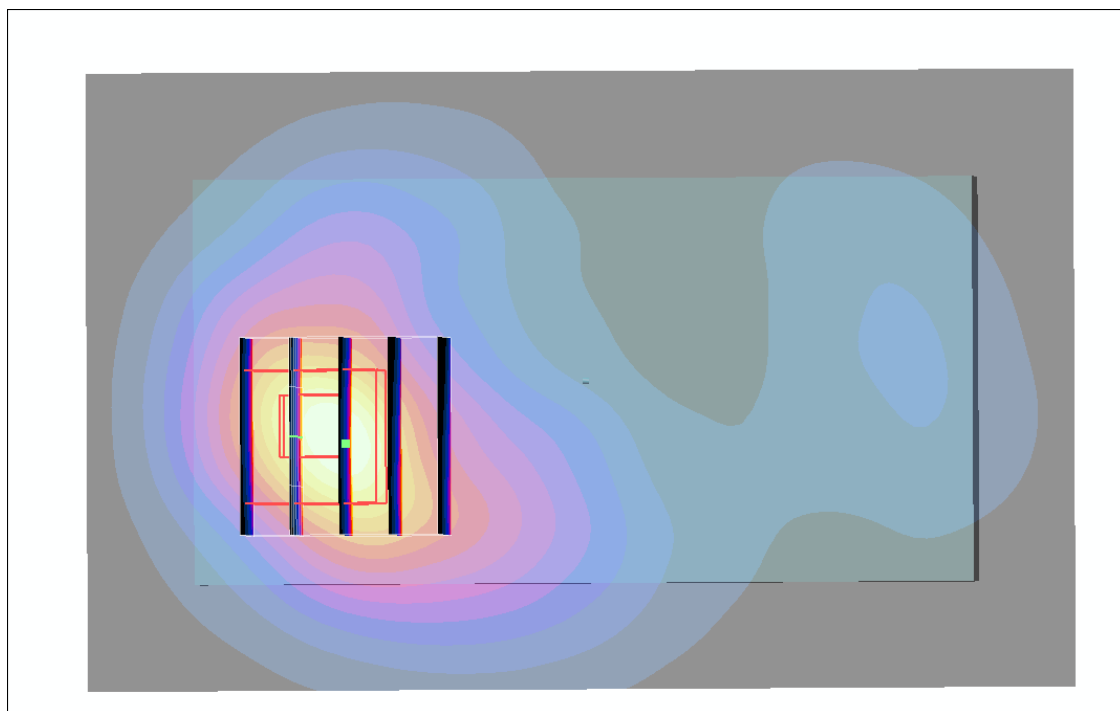
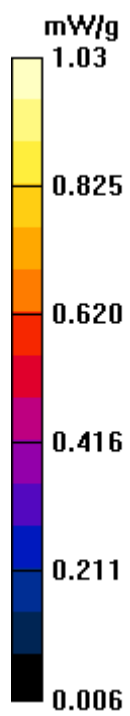
Ambient Temperature : 22.0 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.77 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.546 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



#63GSM1900_GPRS10_Bottom_1cm_Ch810_

Sample1_Battery3_Earphone3

DUT: 141115-01

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_110518 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.55$
 mho/m ; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$

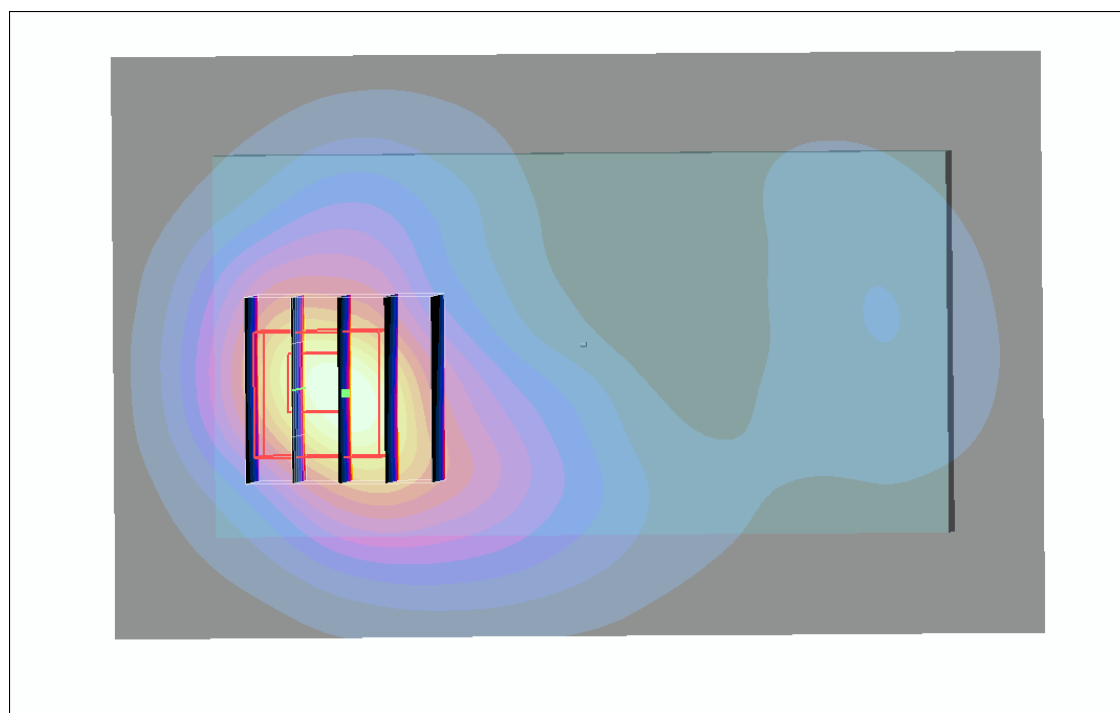
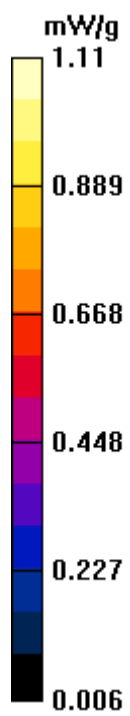
Ambient Temperature : 22.0°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.11 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$
Reference Value = 9.10 V/m ; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.04 mW/g ; SAR(10 g) = 0.587 mW/g
Maximum value of SAR (measured) = 1.10 mW/g



#64GSM1900_GPRS10_Bottom_1cm_Ch512_

Sample1_Battery1_Earphone1

DUT: 141115-01

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: MSL_1900_110518 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

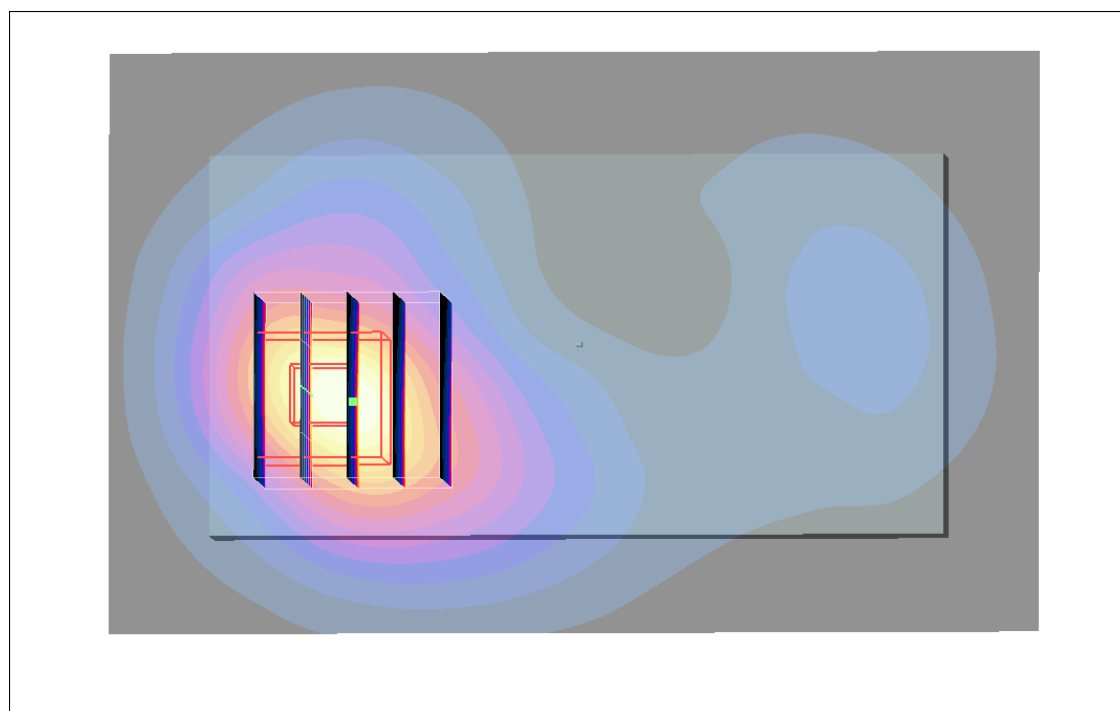
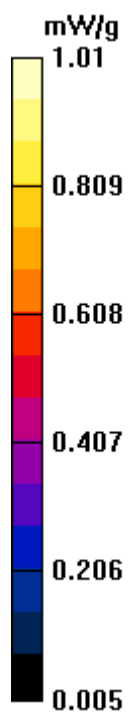
Ambient Temperature : $22.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.01 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 8.65 V/m ; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.934 mW/g ; SAR(10 g) = 0.538 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



#65 GSM1900_GPRS10_Bottom_1cm_Ch661_

Sample1_Battery1_Earphone1

DUT: 141115-01

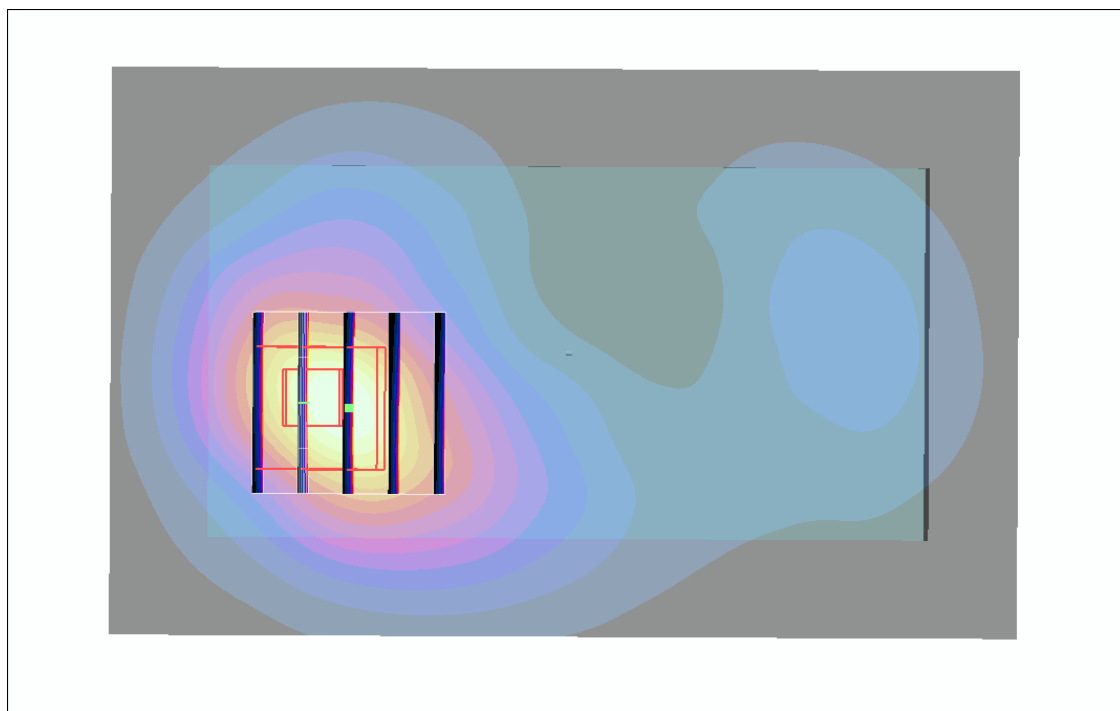
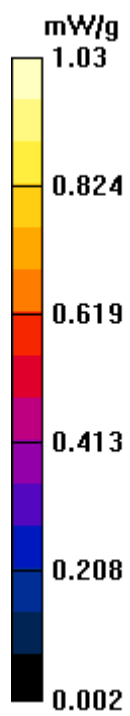
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: MSL_1900_110518 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.7$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.03 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 8.41 V/m ; Power Drift = 0.100 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.955 mW/g ; SAR(10 g) = 0.547 mW/g
Maximum value of SAR (measured) = 1.05 mW/g



#35 WCDMA V_RMC12.2K_Face_1cm_Ch4233_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_110517 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.984 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.439 mW/g

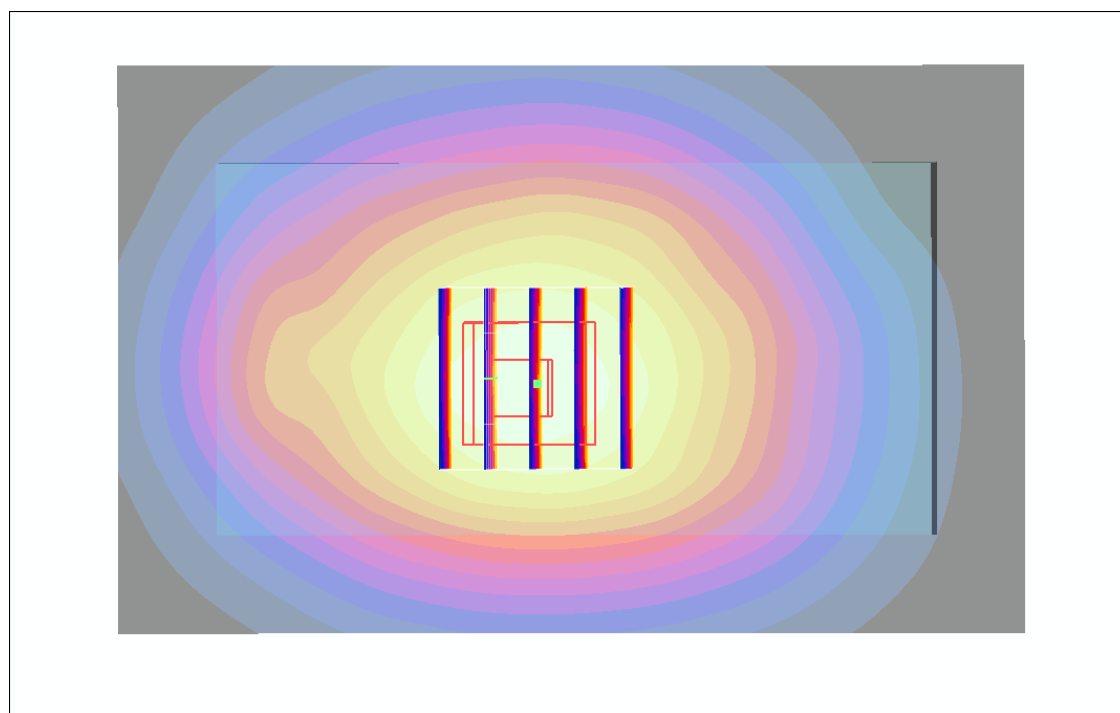
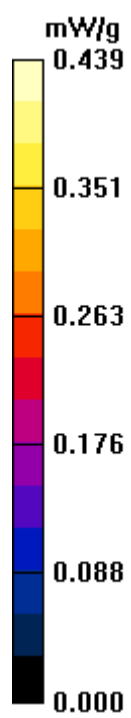
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.6 V/m ; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.413 mW/g ; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.430 mW/g



#36 WCDMA V_RMC12.2K_Bottom_1cm_Ch4233_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_110517 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.984 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.766 mW/g

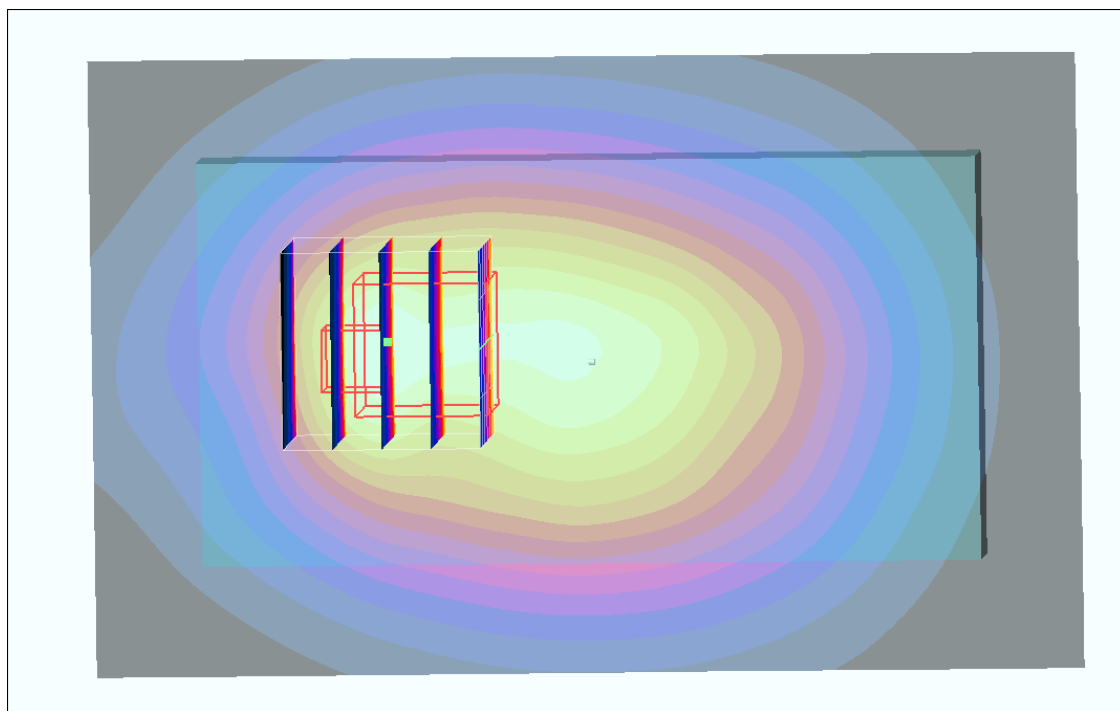
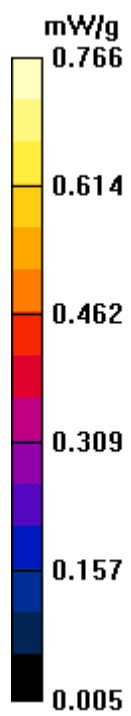
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.2 V/m ; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.648 mW/g ; SAR(10 g) = 0.468 mW/g

Maximum value of SAR (measured) = 0.693 mW/g



#37 WCDMA V_RMC12.2K_Top Side_1cm_Ch4233_Sample1_Battery1**DUT: 141115-01**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_110518 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.022 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.28 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.028 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.015 mW/g

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

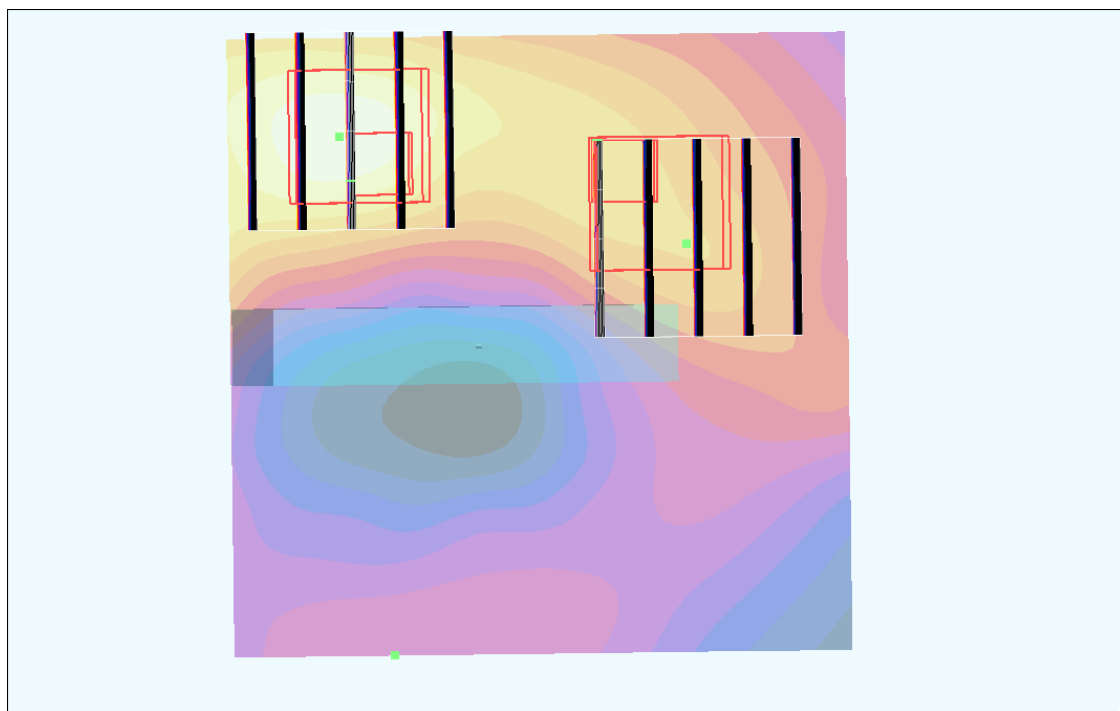
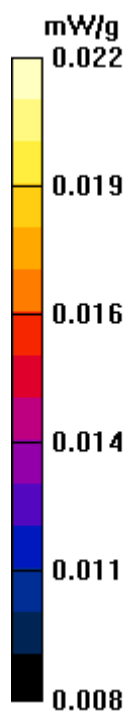
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.28 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.030 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.013 mW/g

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



#38 WCDMA V_RMC12.2K_Down Side_1cm_Ch4233_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_110518 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.098 mW/g

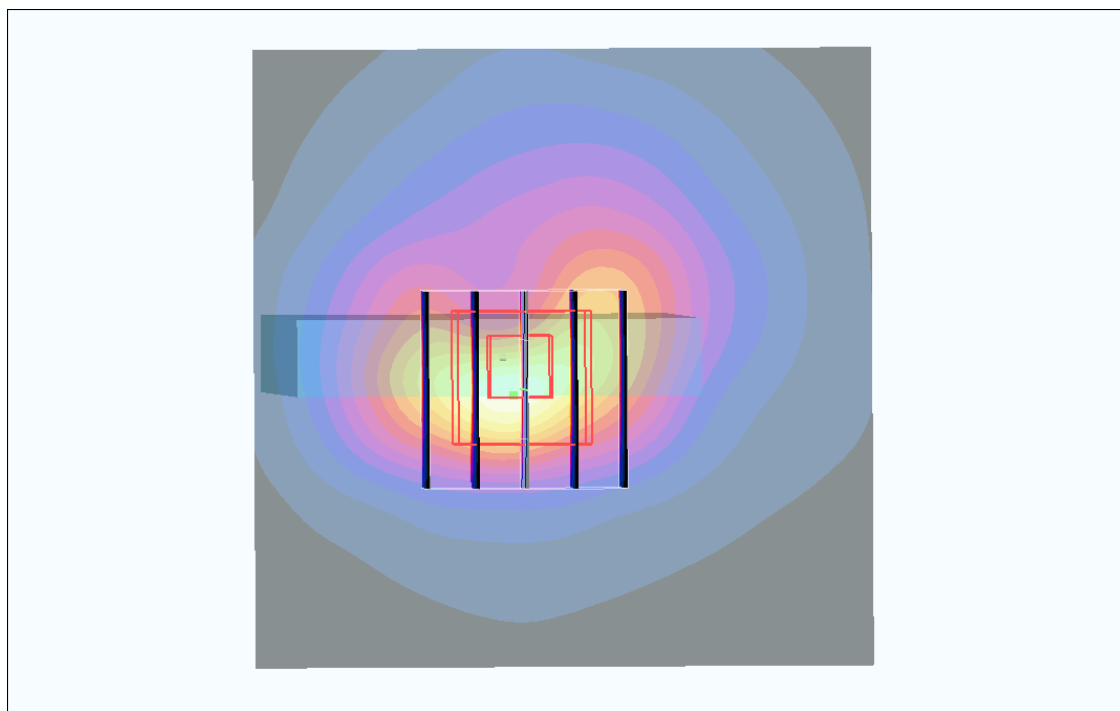
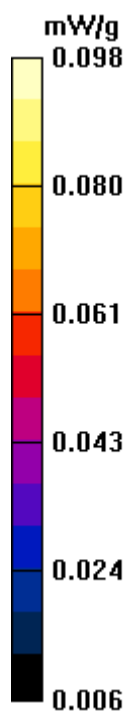
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.127 mW/g



#39 WCDMA V_RMC12.2K_Left Side_1cm_Ch4233_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_110518 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.415 mW/g

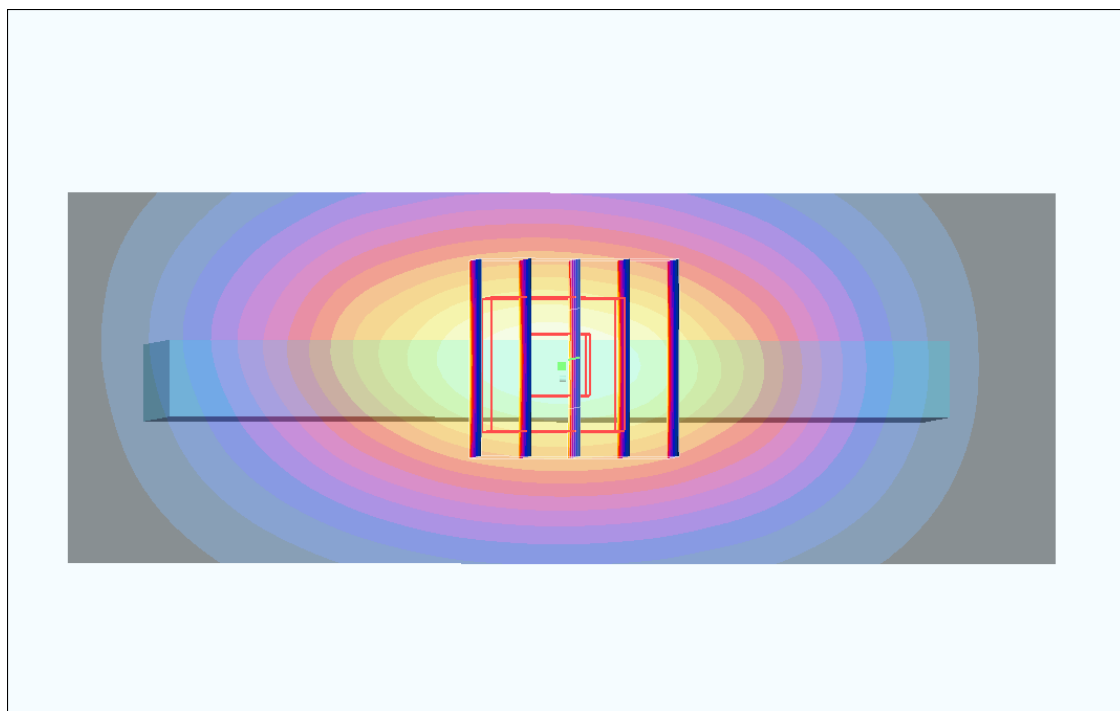
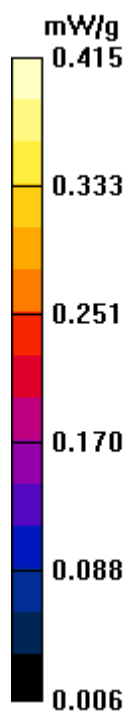
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.1 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.275 mW/g

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



#40 WCDMA V_RMC12.2K_Right Side_1cm_Ch4233_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_110518 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.423 mW/g

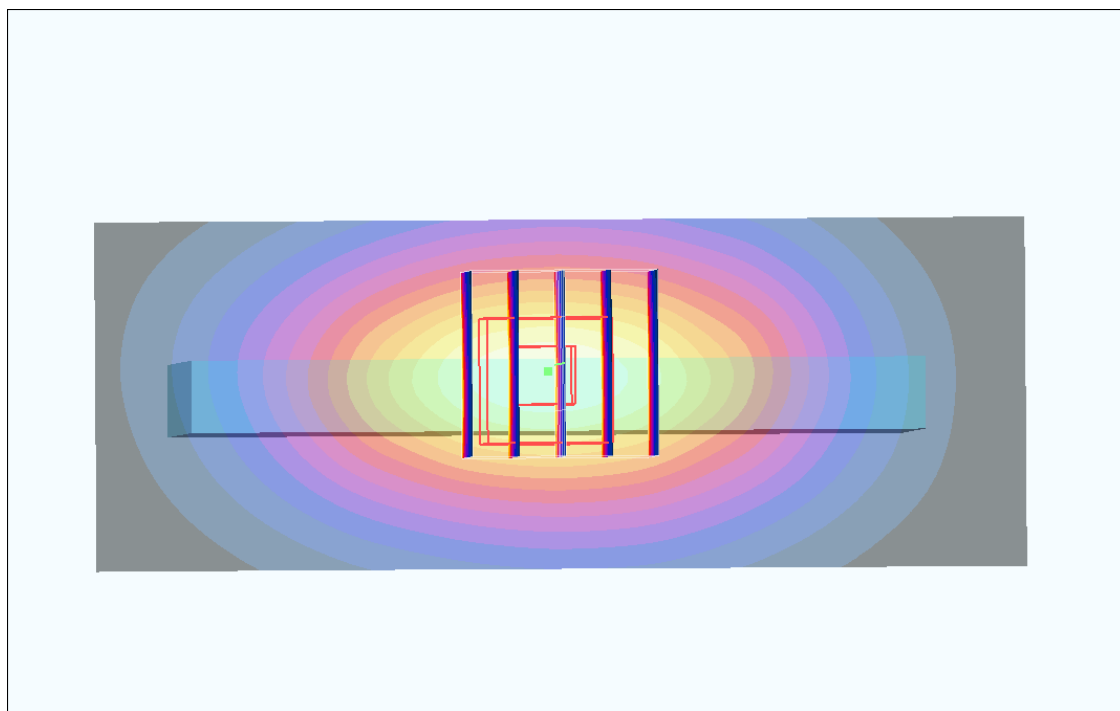
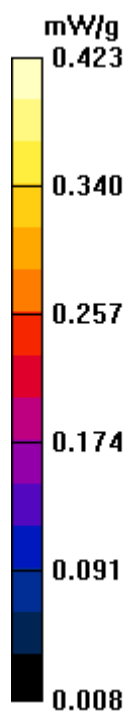
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.422 mW/g



#41 WCDMA V_RMC12.2K_Bottom_1cm_Ch4233_Sample2_Battery2

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_110518 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.623 mW/g

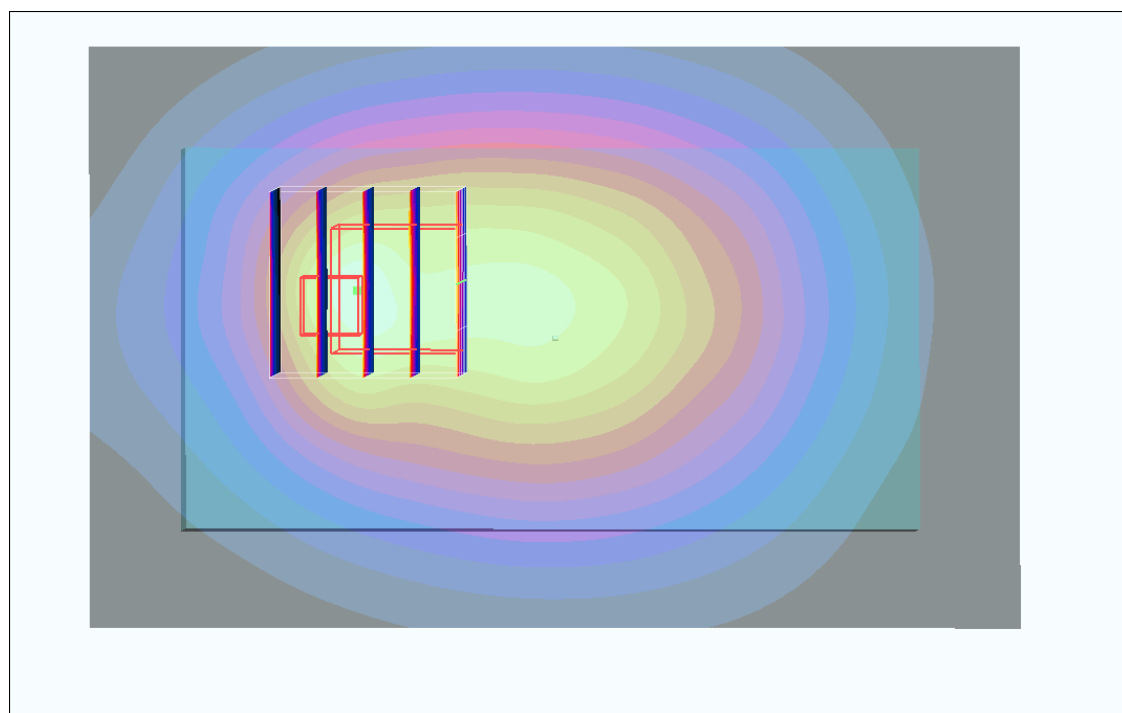
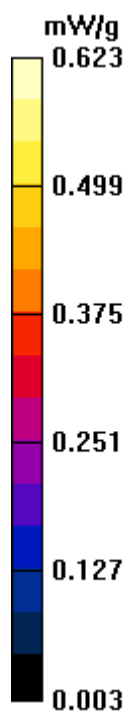
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.0 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.549 mW/g



#42 WCDMA V_RMC12.2K_Bottom_1cm_Ch4233_Sample1_Battery3

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_110518 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.783 mW/g

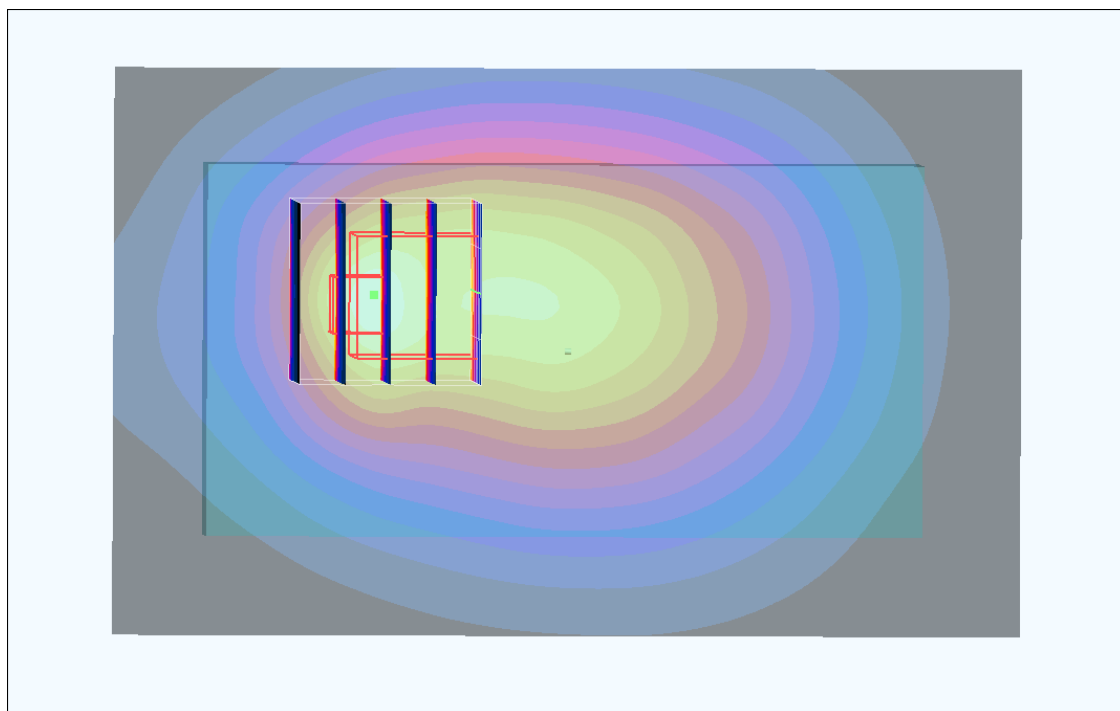
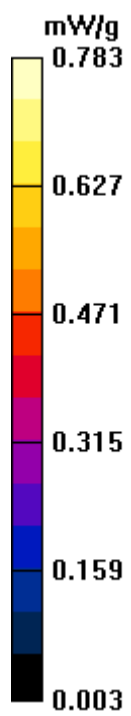
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = -0.185 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.451 mW/g

Maximum value of SAR (measured) = 0.683 mW/g



#43 WCDMA V_RMC12.2K_Bottom_1cm_Ch4233_

Sample1_Battery1_Earphone1

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_110518 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 1.01$
 mho/m ; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

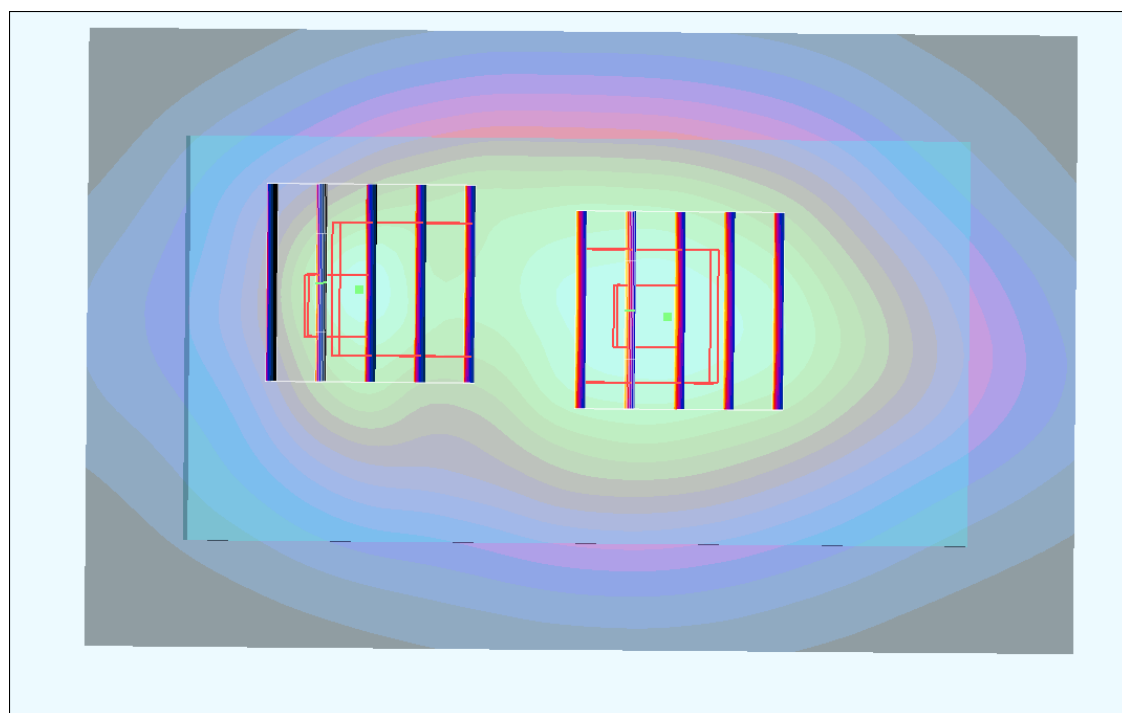
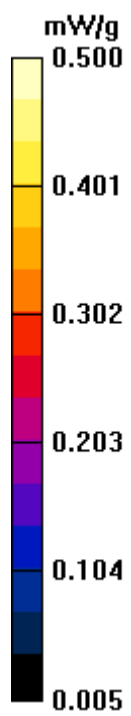
DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.500 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 22.1 V/m ; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.580 W/kg
SAR(1 g) = 0.465 mW/g ; SAR(10 g) = 0.355 mW/g
Maximum value of SAR (measured) = 0.485 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 22.1 V/m ; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.420 mW/g ; SAR(10 g) = 0.263 mW/g
Maximum value of SAR (measured) = 0.453 mW/g



#44 WCDMA V_RMC12.2K_Bottom_1cm_Ch4233_

Sample2_Battery2_Earphone2

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_110518 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 1.01$
 mho/m ; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

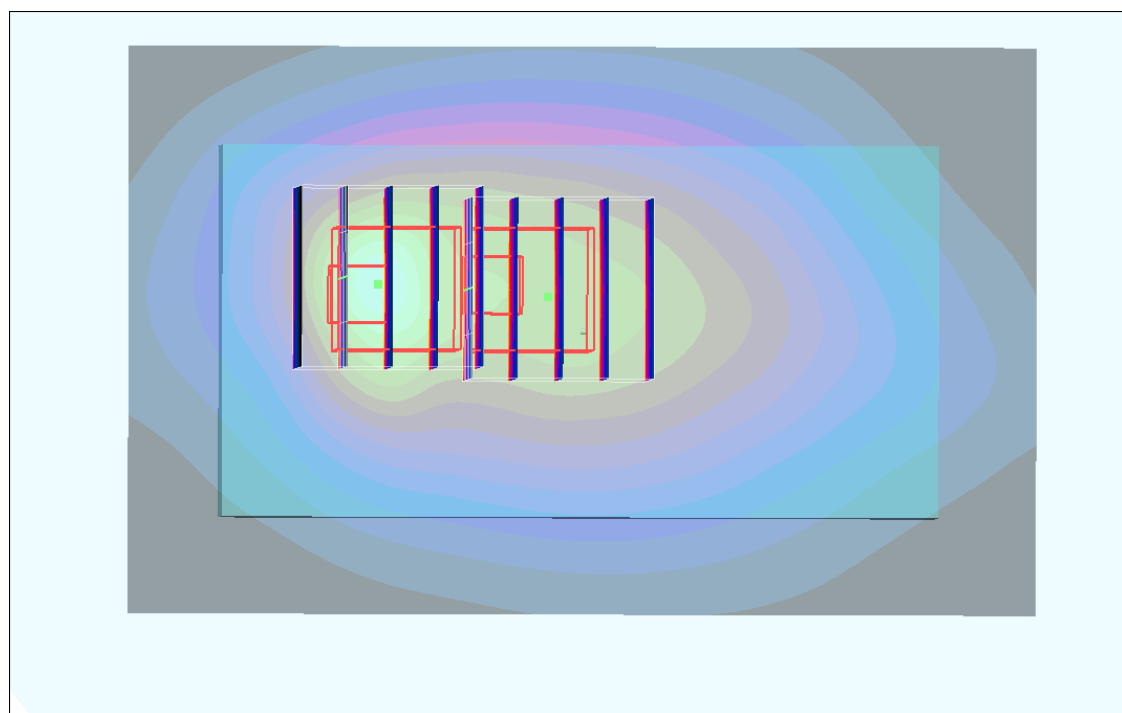
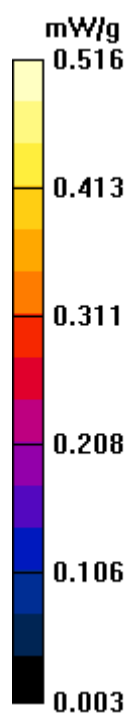
DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.516 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 19.2 V/m ; Power Drift = -0.176 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.442 mW/g ; SAR(10 g) = 0.278 mW/g
Maximum value of SAR (measured) = 0.471 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 19.2 V/m ; Power Drift = -0.176 dB
Peak SAR (extrapolated) = 0.457 W/kg
SAR(1 g) = 0.354 mW/g ; SAR(10 g) = 0.268 mW/g
Maximum value of SAR (measured) = 0.374 mW/g



#45 WCDMA V_RMC12.2K_Bottom_1cm_Ch4233_

Sample1_Battery3_Earphone3

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_110518 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 1.01$
 mho/m ; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.830 mW/g

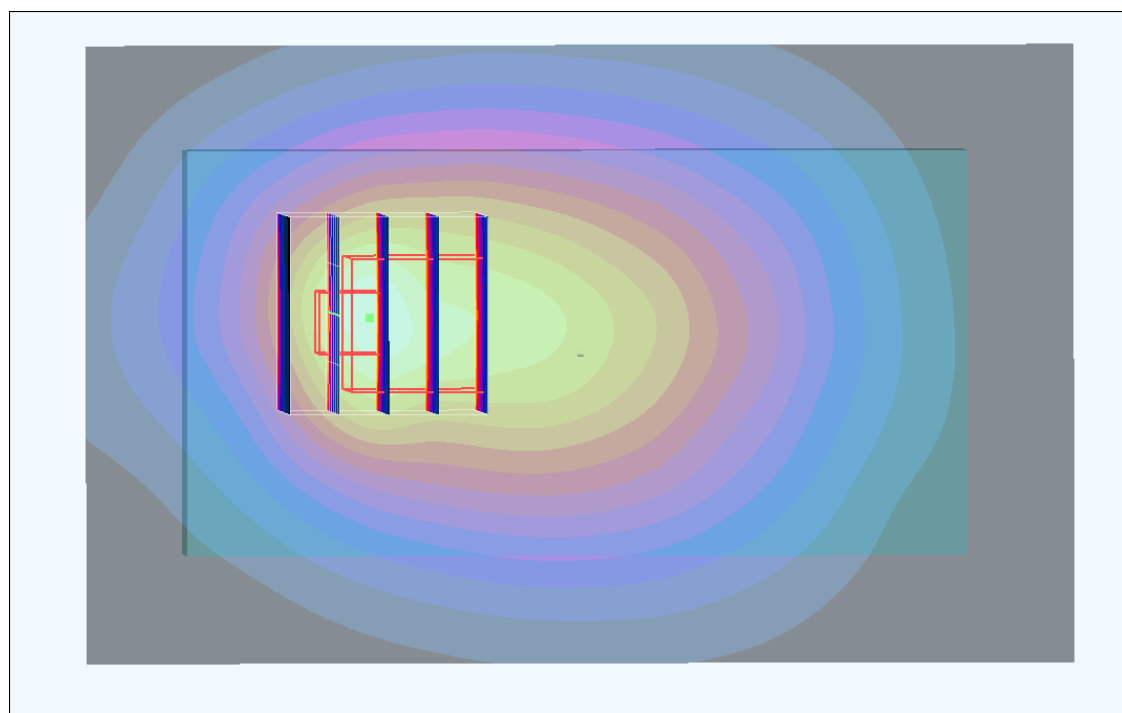
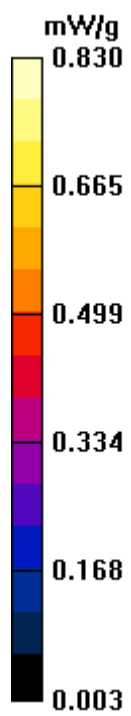
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 25.3 V/m ; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.695 mW/g ; SAR(10 g) = 0.474 mW/g

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



#45 WCDMA V_RMC12.2K_Bottom_1cm_Ch4233_ Sample1_Battery3_Earphone3_2D

DUT: 141115-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_110518 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 1.01$
 mho/m ; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.830 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 25.3 V/m ; Power Drift = -0.108 dB

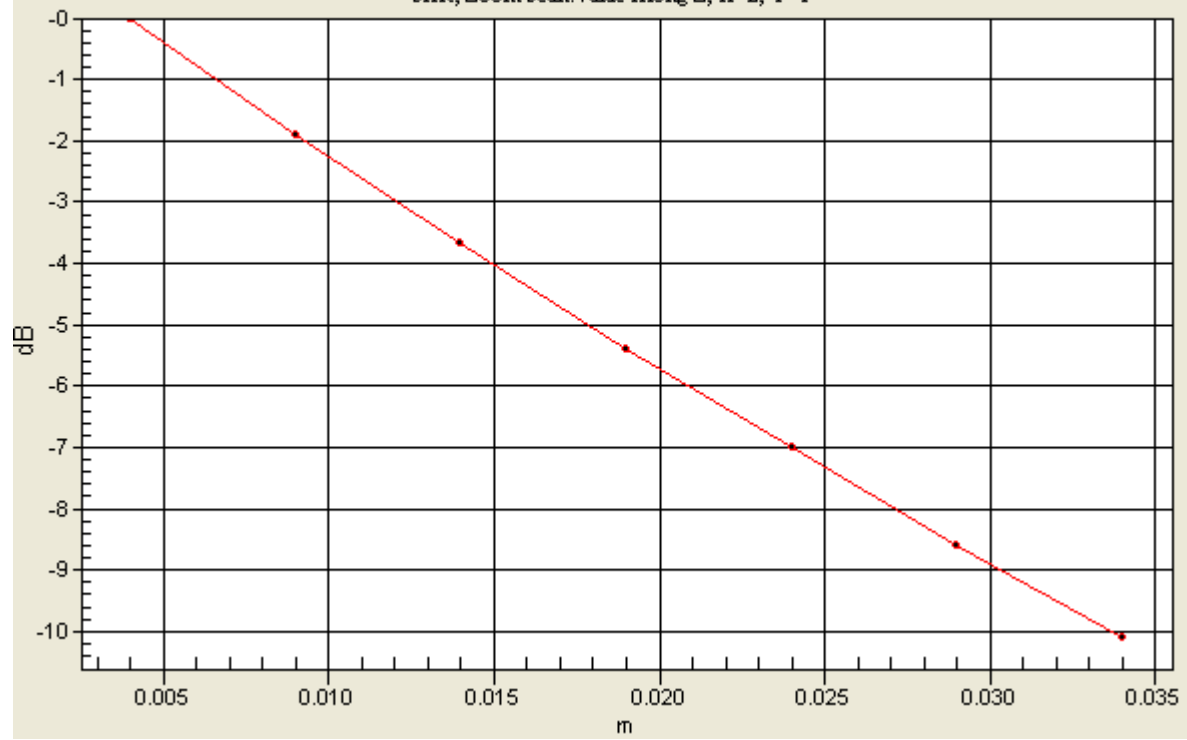
Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.695 mW/g ; SAR(10 g) = 0.474 mW/g

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

1g/10g Averaged SAR

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



#66 WCDMA II_RMC12.2K_Face_1cm_Ch9262_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used : $f = 1852.4 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.653 mW/g

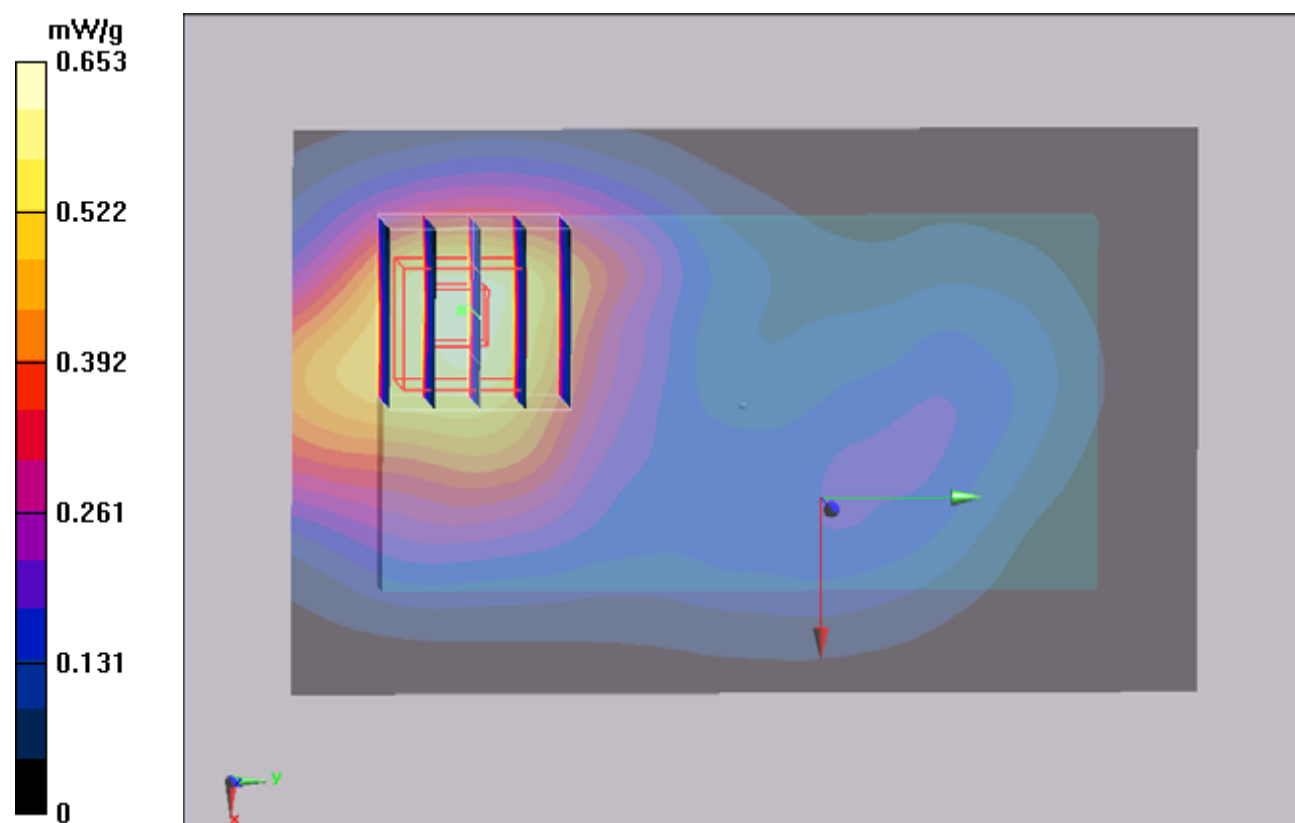
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.97 V/m; Power Drift = -0.198 dB

Peak SAR (extrapolated) = 0.952 W/kg

SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.671 mW/g



#67 WCDMA II_RMC12.2K_Bottom_1cm_Ch9262_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used : $f = 1852.4 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.3 mW/g

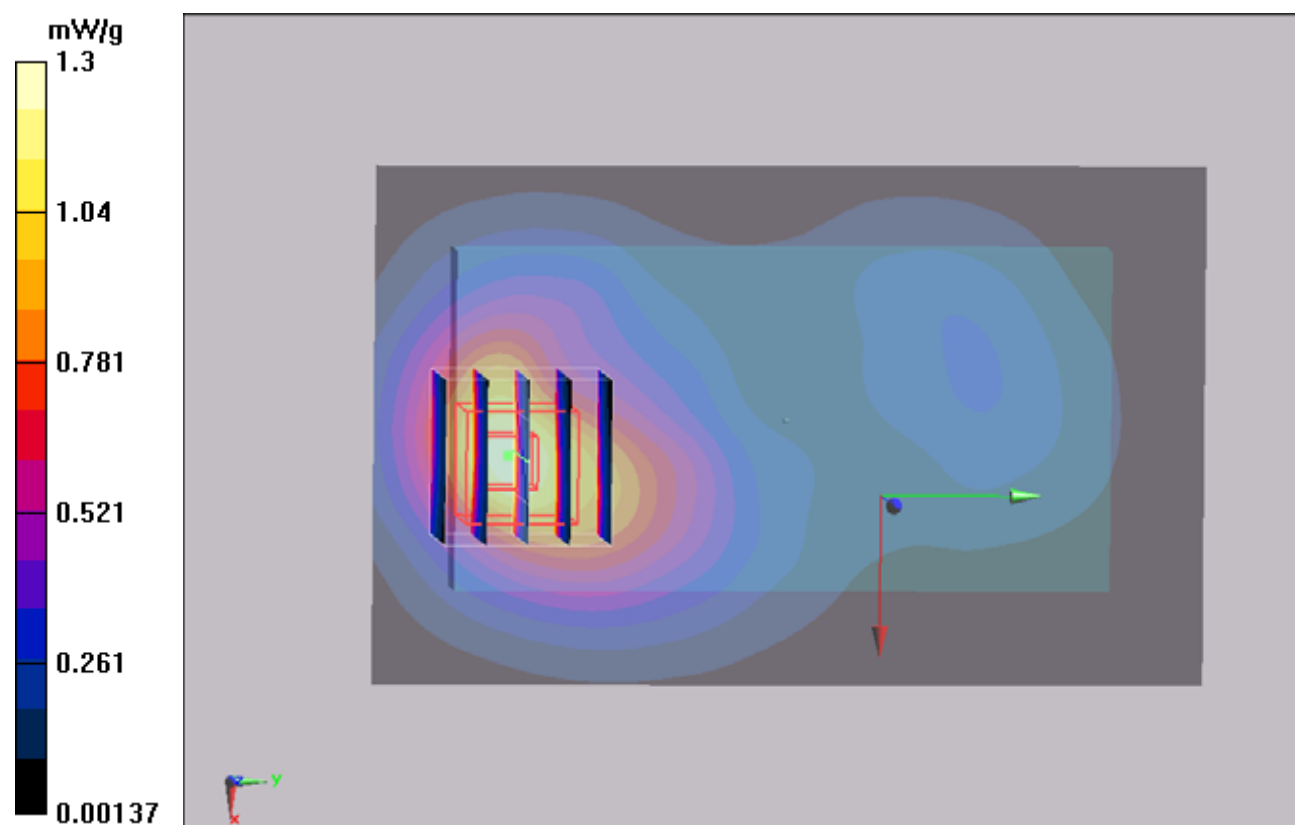
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.1 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.715 mW/g

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



#68 WCDMA II_RMC12.2K_Top Side_1cm_Ch9262_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used : $f = 1852.4 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.090 mW/g

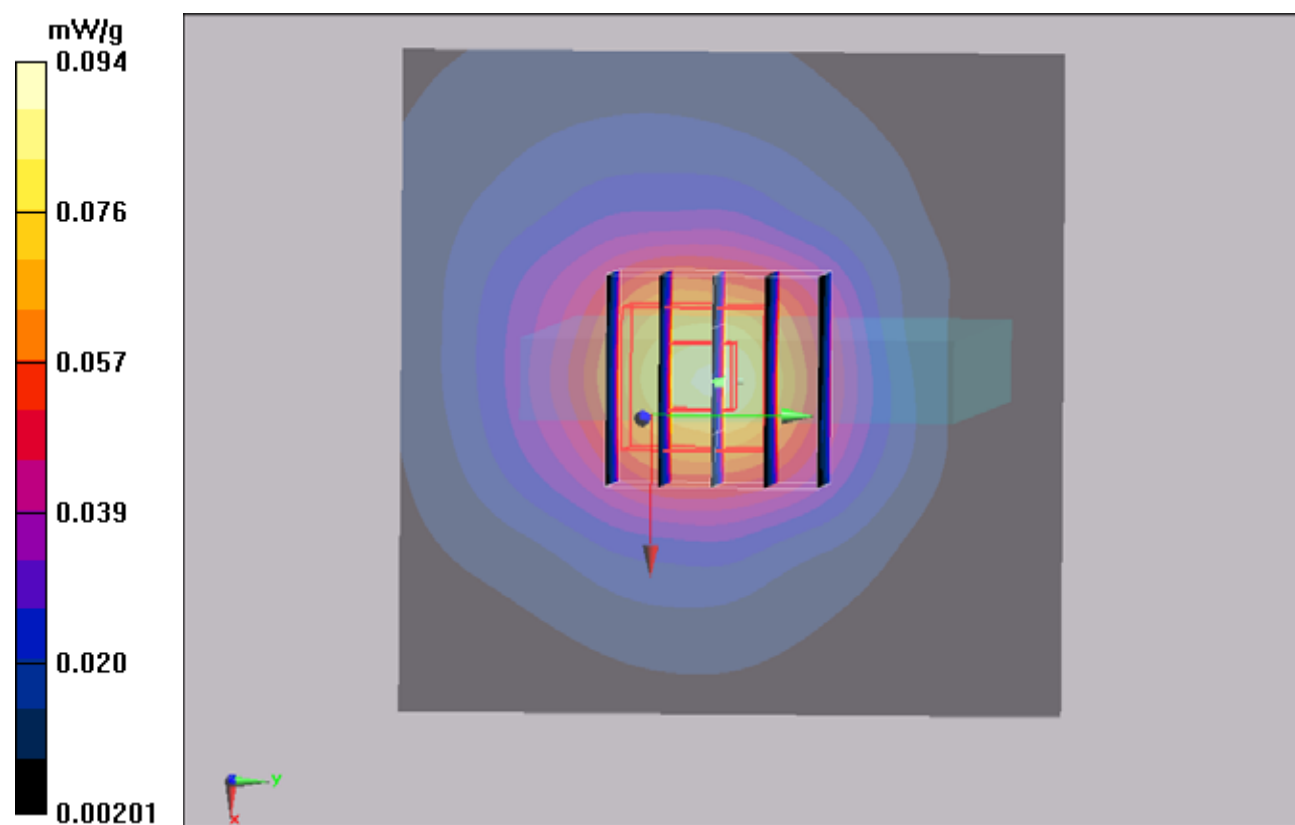
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.12 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.054 mW/g

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



#69 WCDMA II_RMC12.2K_Down Side_1cm_Ch9262_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used : $f = 1852.4 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

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

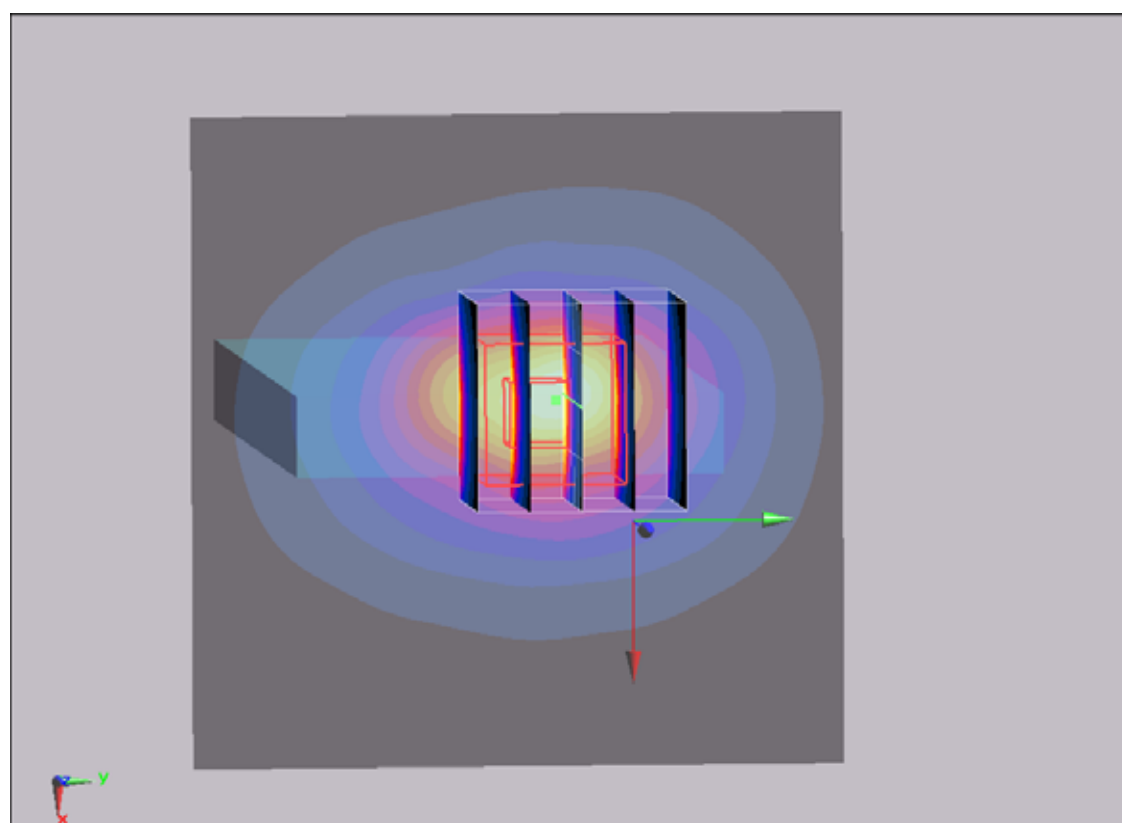
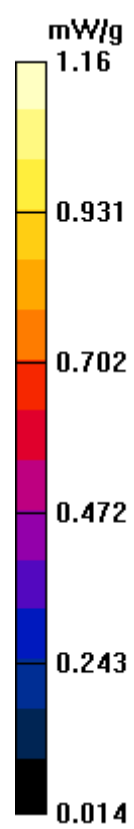
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.5 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 2 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.693 mW/g

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



#70 WCDMA II_RMC12.2K_Left Side_1cm_Ch9262_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used : $f = 1852.4 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

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

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.107 mW/g

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

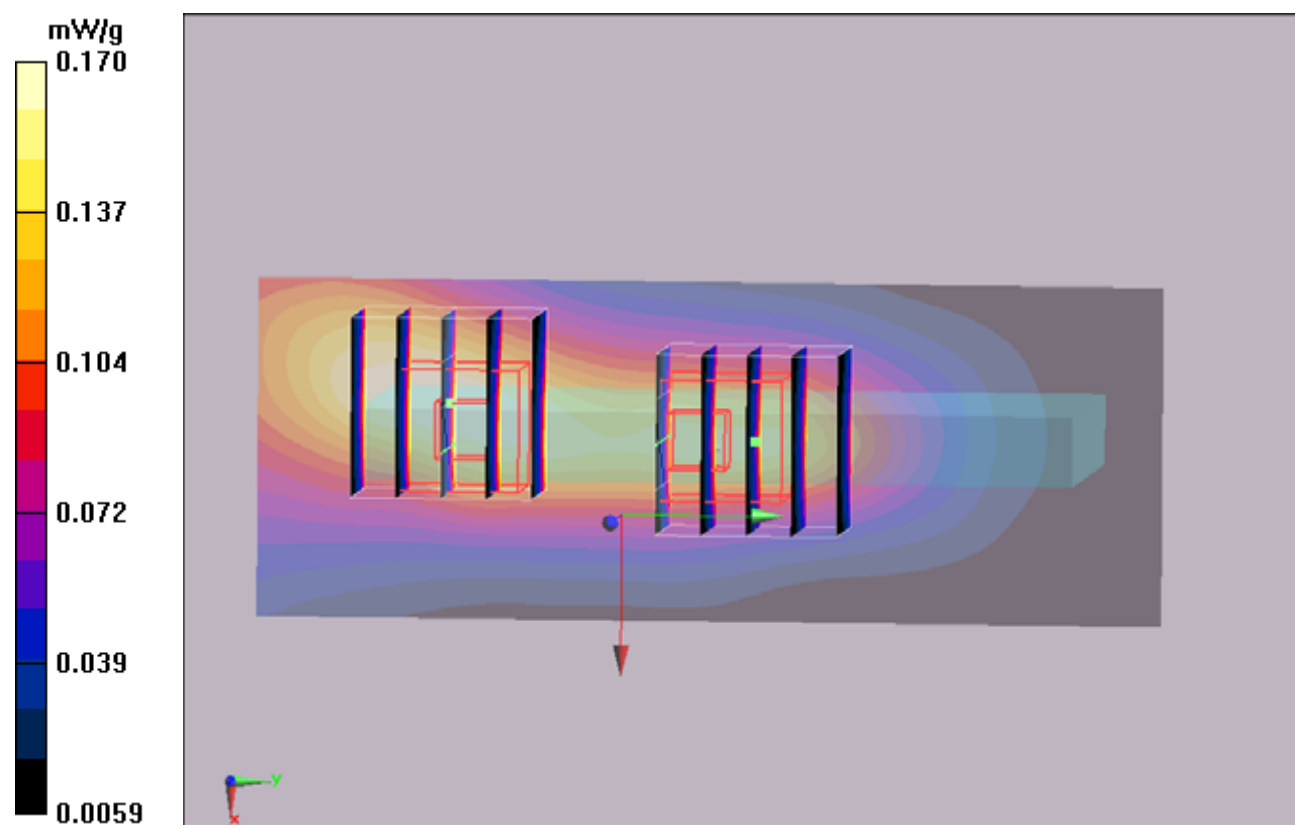
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.158 mW/g



#71 WCDMA II_RMC12.2K_Right Side_1cm_Ch9262_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used : $f = 1852.4 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.142 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.22 V/m; Power Drift = 0.0192 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.165 mW/g

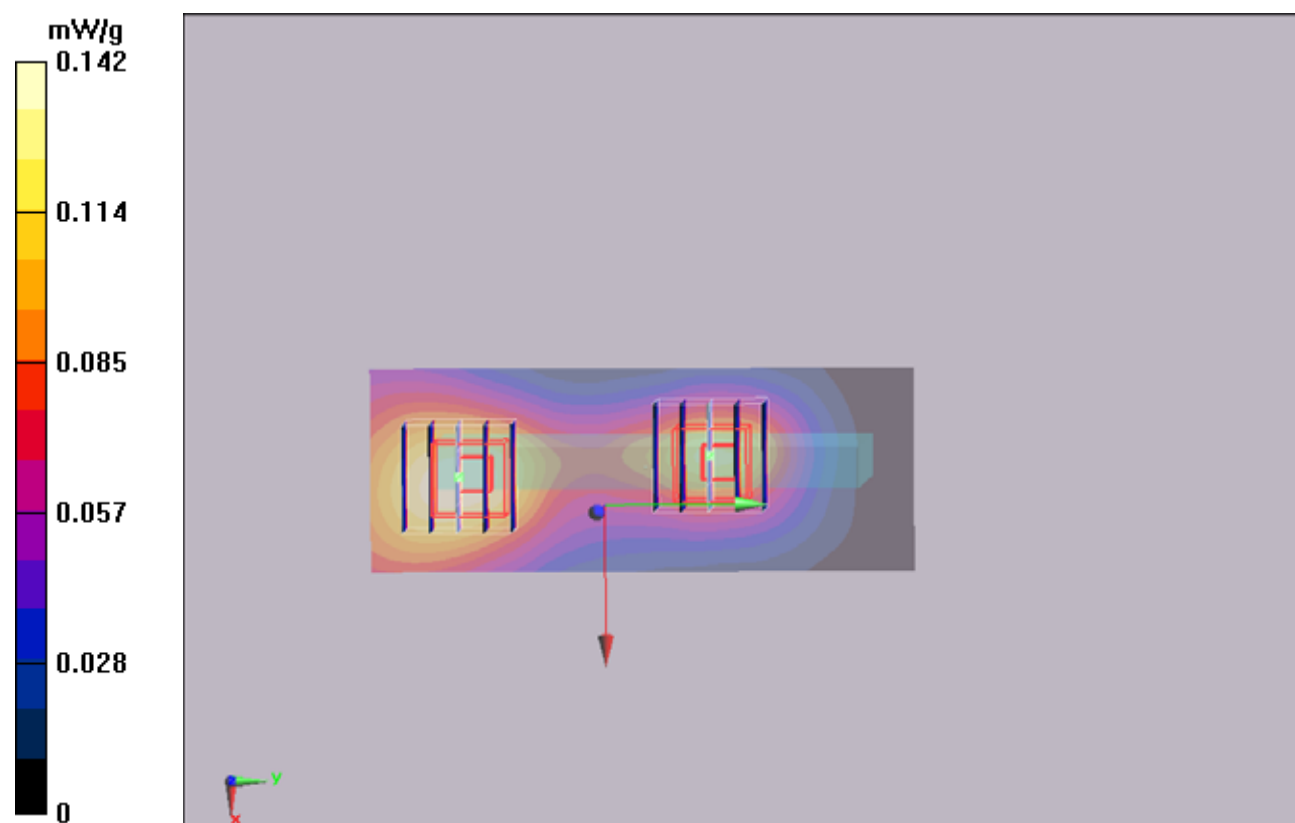
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.22 V/m; Power Drift = 0.0192 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.130 mW/g



#72 WCDMA II_RMC12.2K_Face_1cm_Ch9400_Sample1_Battery1

DUT: 141115-01

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

Medium: MSL_1900_110524 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

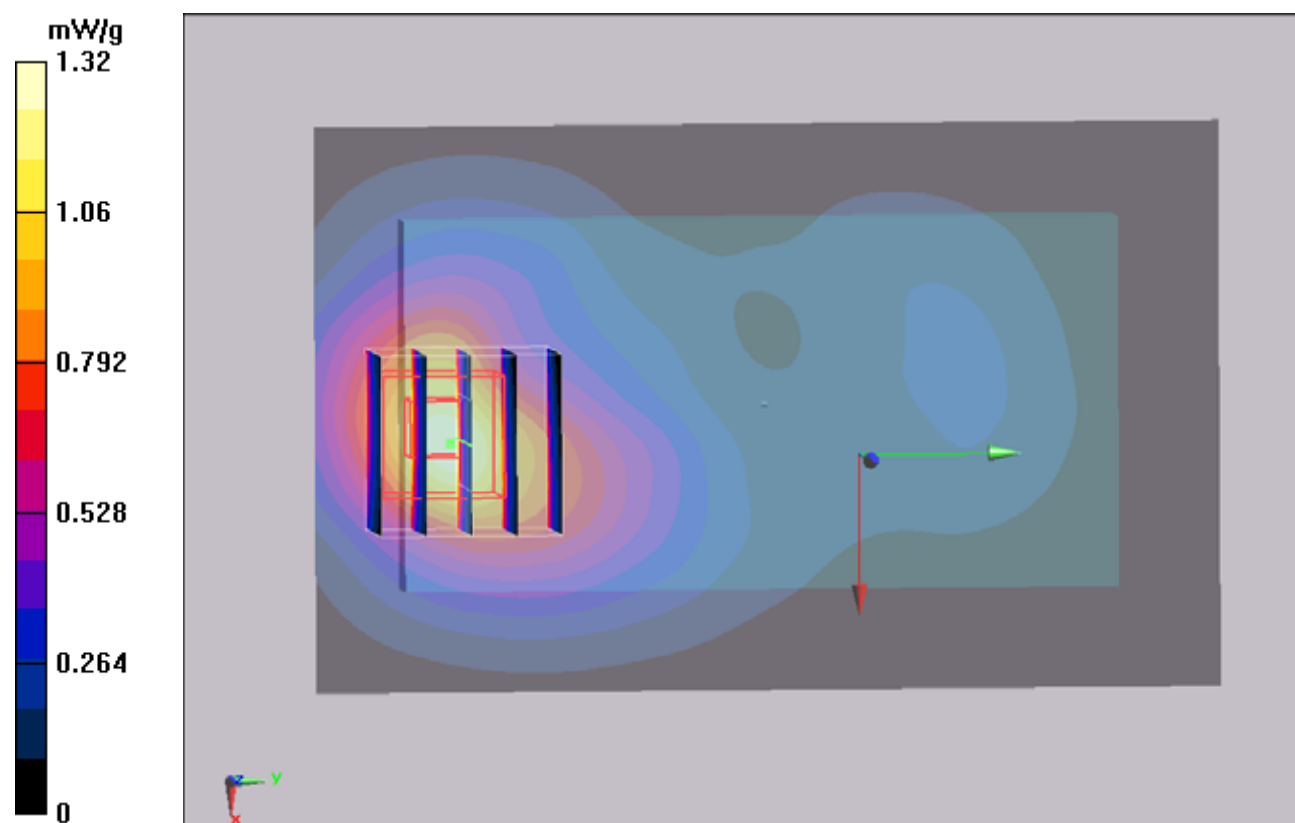
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.53 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.728 mW/g

Maximum value of SAR (measured) = 1.27 mW/g



#73 WCDMA II_RMC12.2K_Bottom_1cm_Ch9538_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

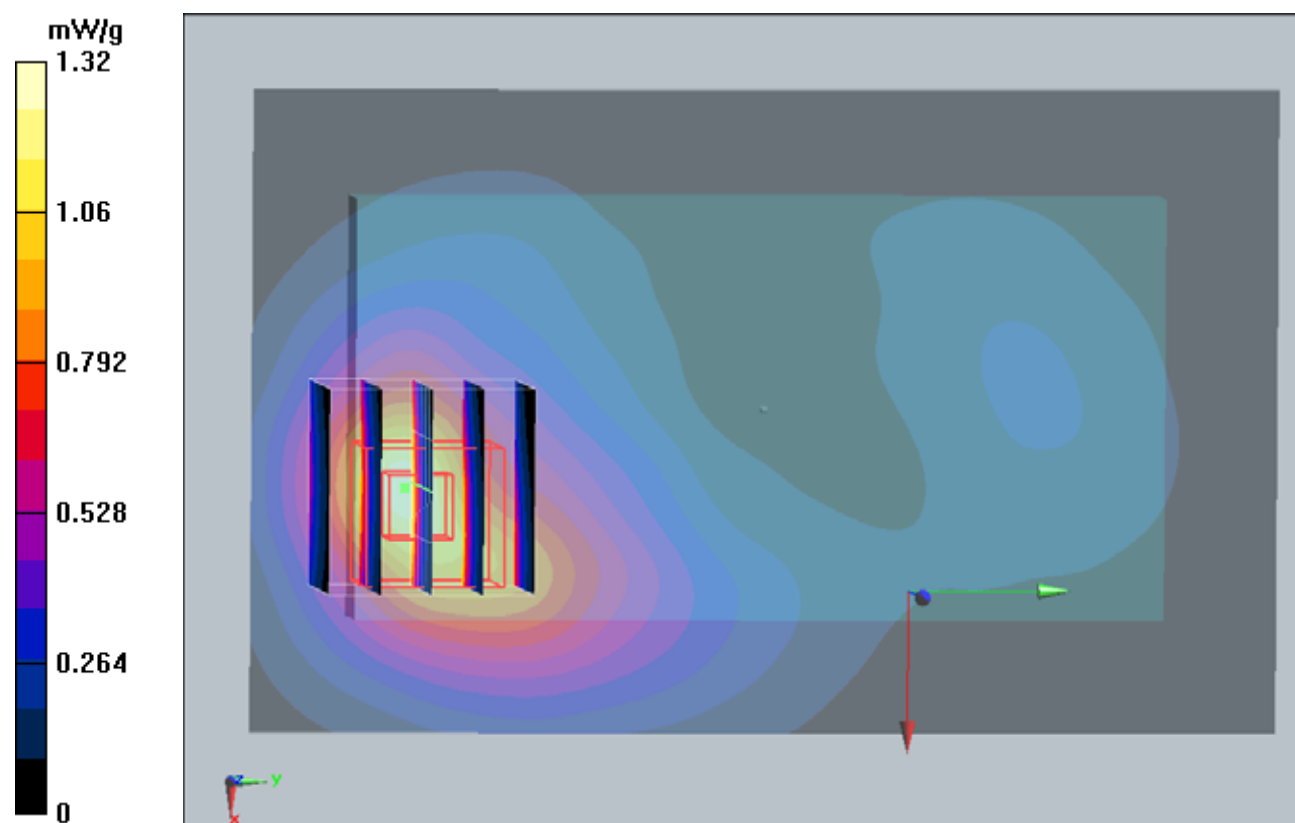
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.89 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.720 mW/g

Maximum value of SAR (measured) = 1.3 mW/g



#74 WCDMA II_RMC12.2K_Down Side_1cm_Ch9400_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

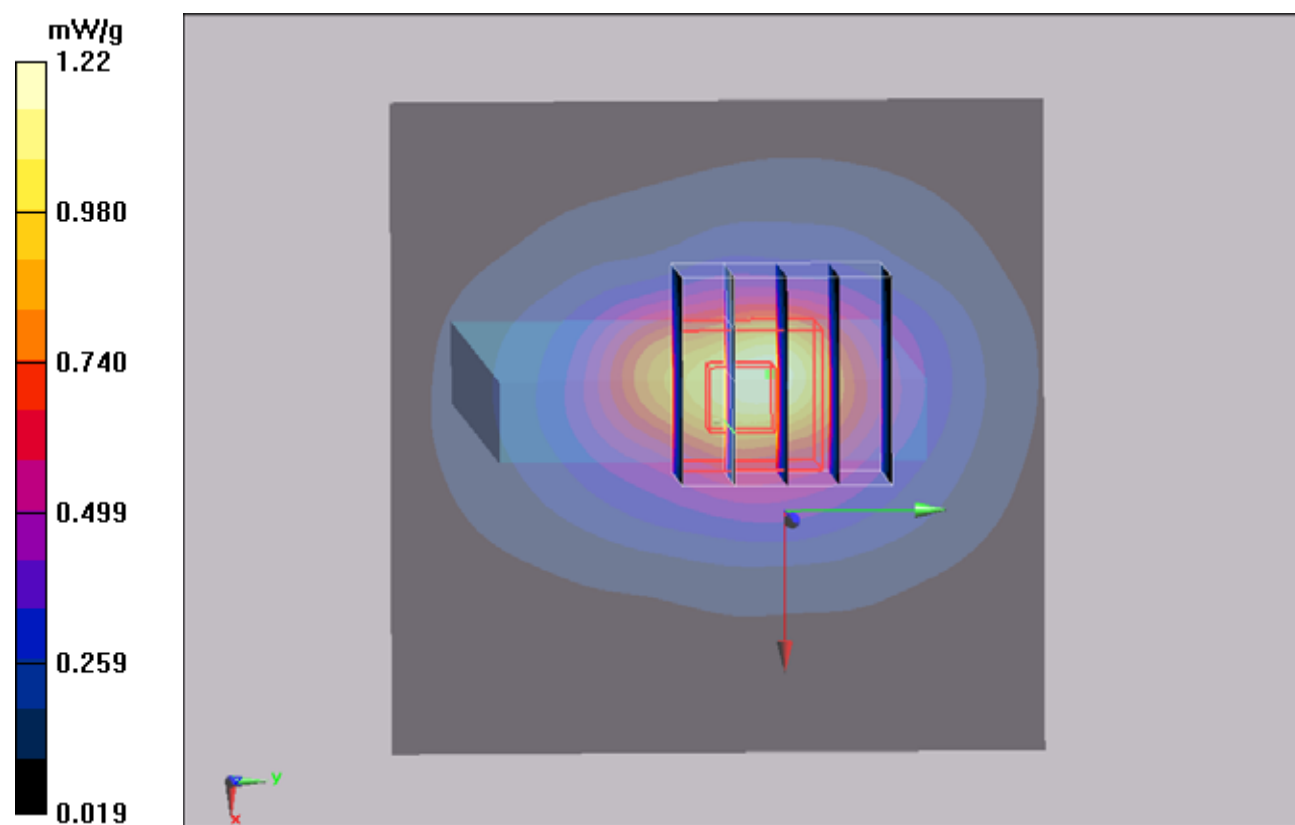
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.6 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.709 mW/g

Maximum value of SAR (measured) = 1.3 mW/g



#75 WCDMA II_RMC12.2K_Down Side_1cm_Ch9538_Sample1_Battery1

DUT: 141115-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.23 mW/g

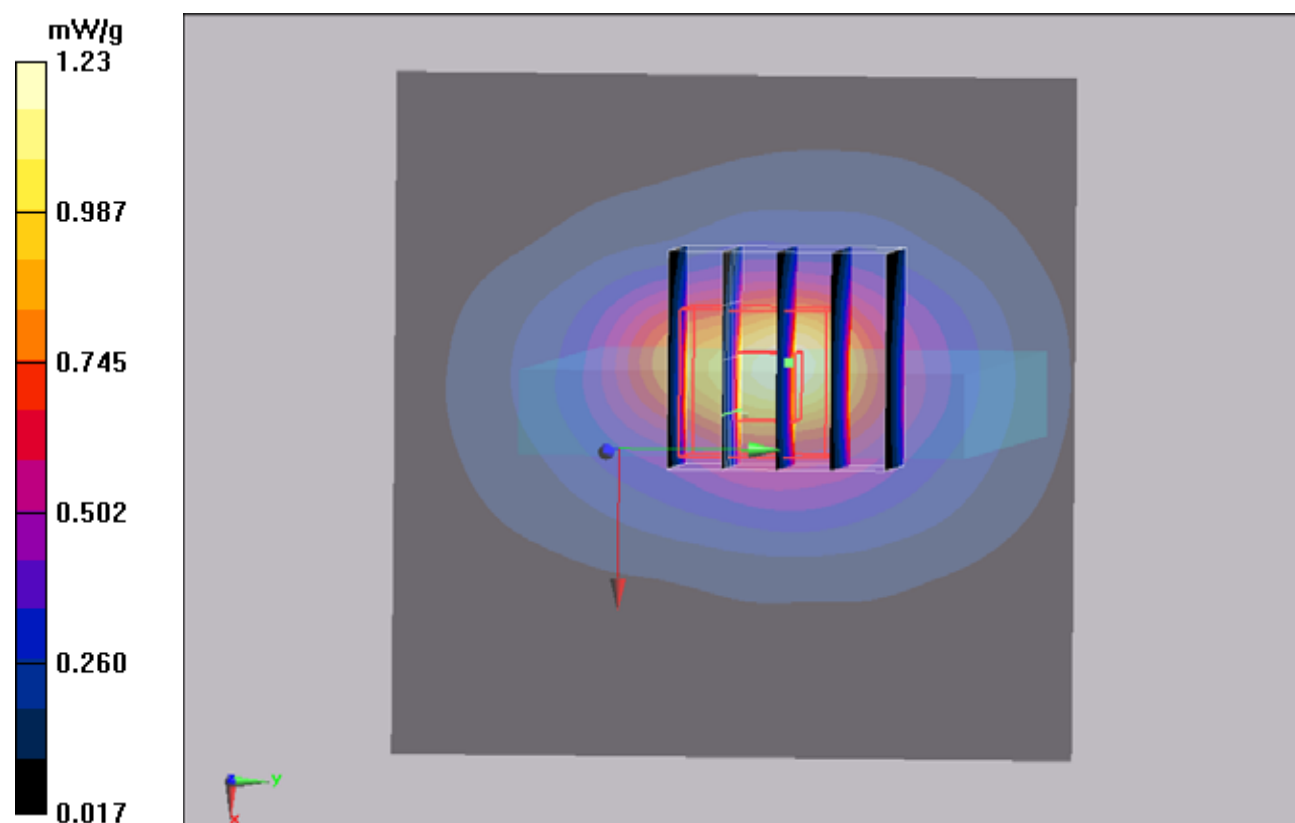
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.2 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.716 mW/g

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



#76 WCDMA II_RMC12.2K_Down Side_1cm_Ch9262_Sample2_Battery2

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used : $f = 1852.4 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.21 mW/g

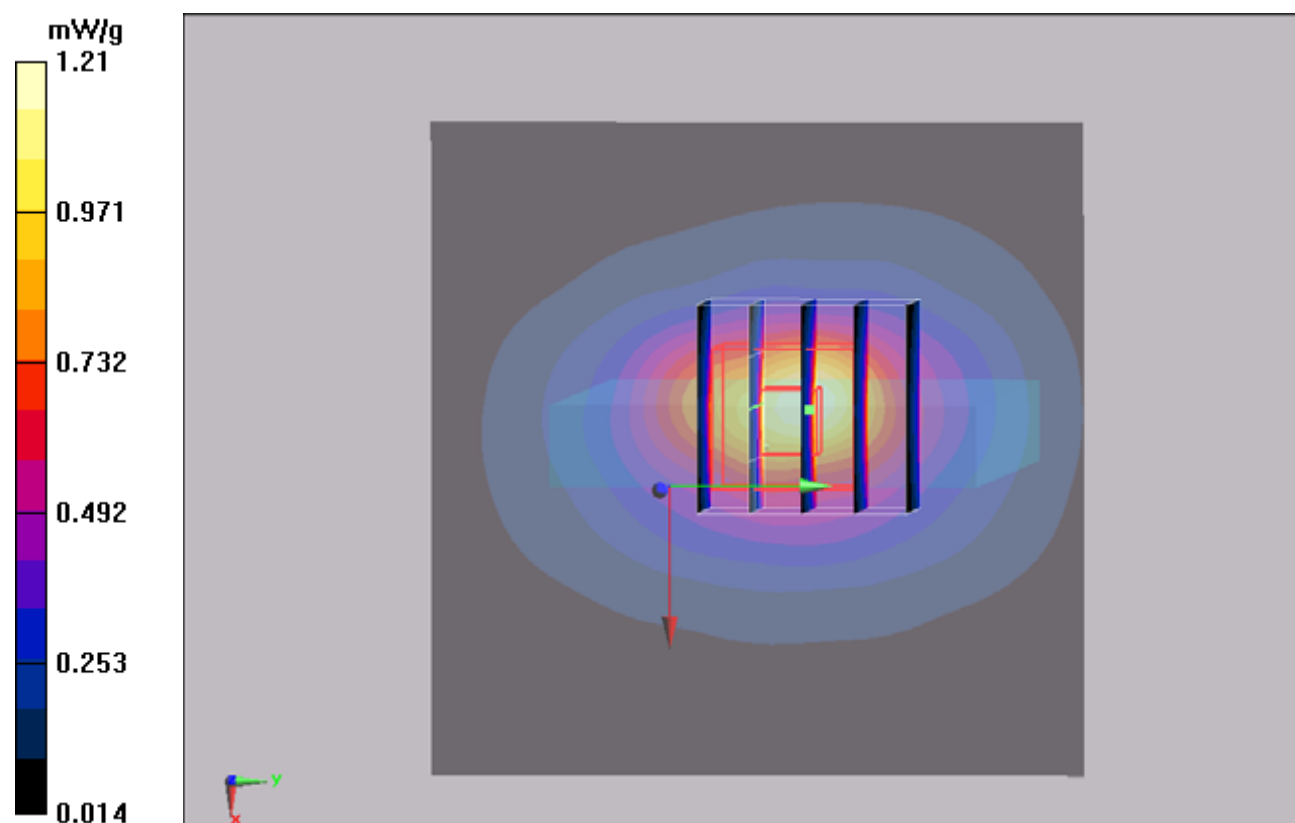
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.692 mW/g

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



#77 WCDMA II_RMC12.2K_Down Side_1cm_Ch9538_Sample1_Battery3

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

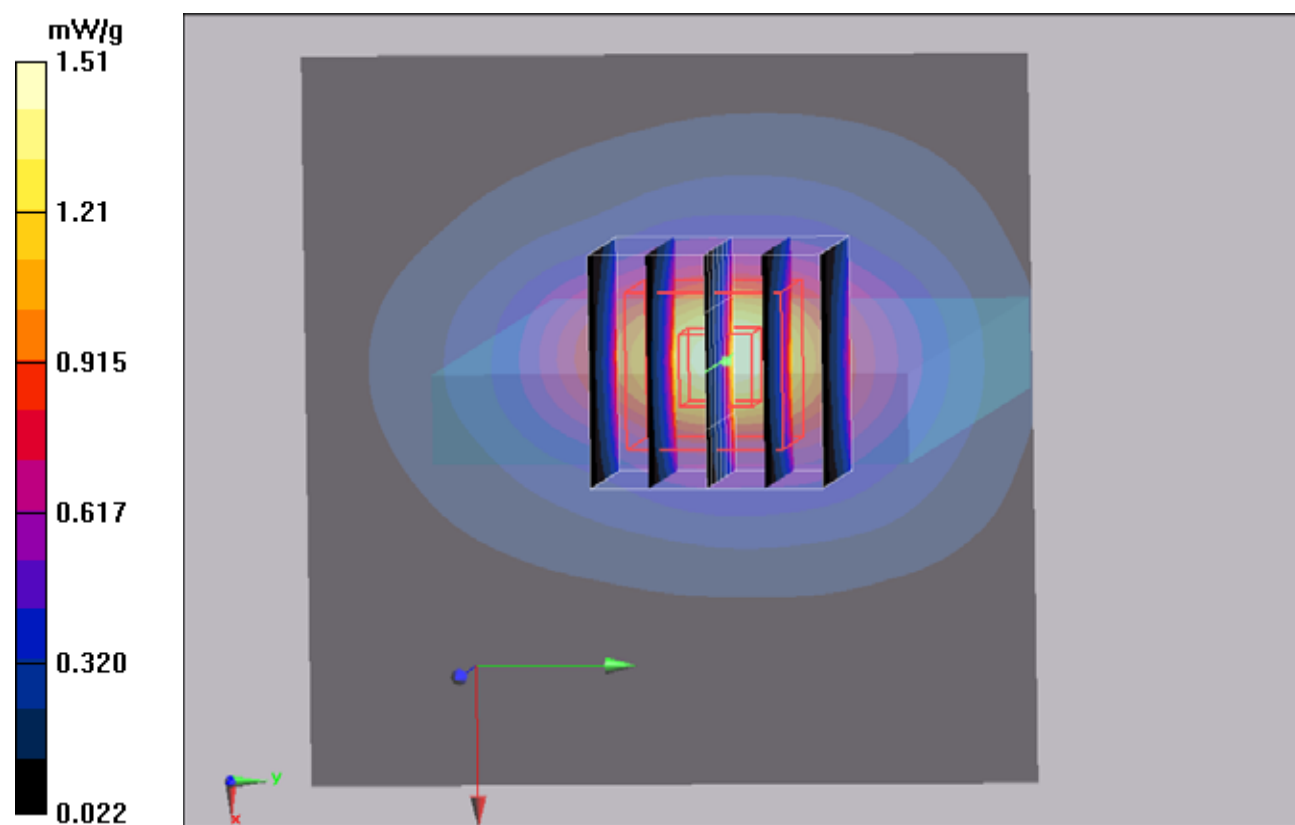
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.9 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.749 mW/g

Maximum value of SAR (measured) = 1.52 mW/g



#77 WCDMA II_RMC12.2K_Down Side_1cm_Ch9538_Sample1_Battery3_2D

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

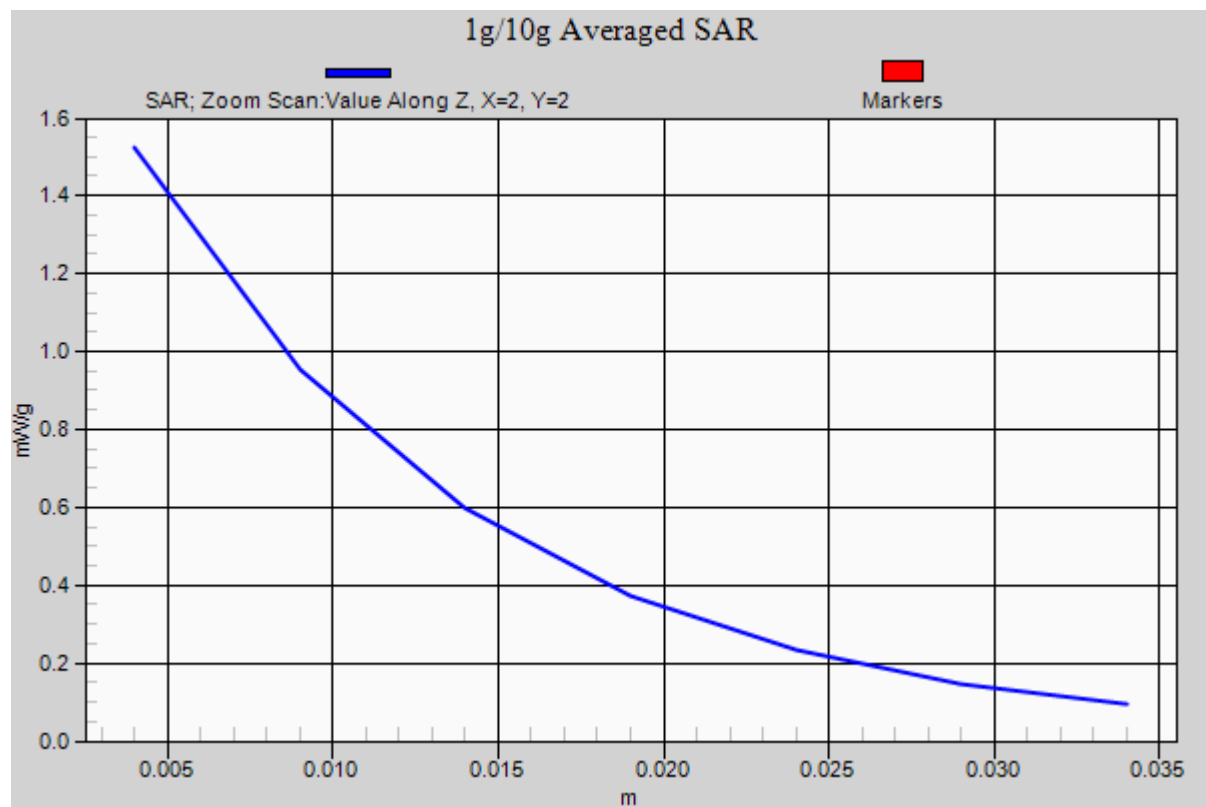
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.9 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.749 mW/g

Maximum value of SAR (measured) = 1.52 mW/g



#78 WCDMA II_RMC12.2K_Down Side_1cm_Ch9262_Sample1_Battery3

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used : $f = 1852.4 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.59 mW/g

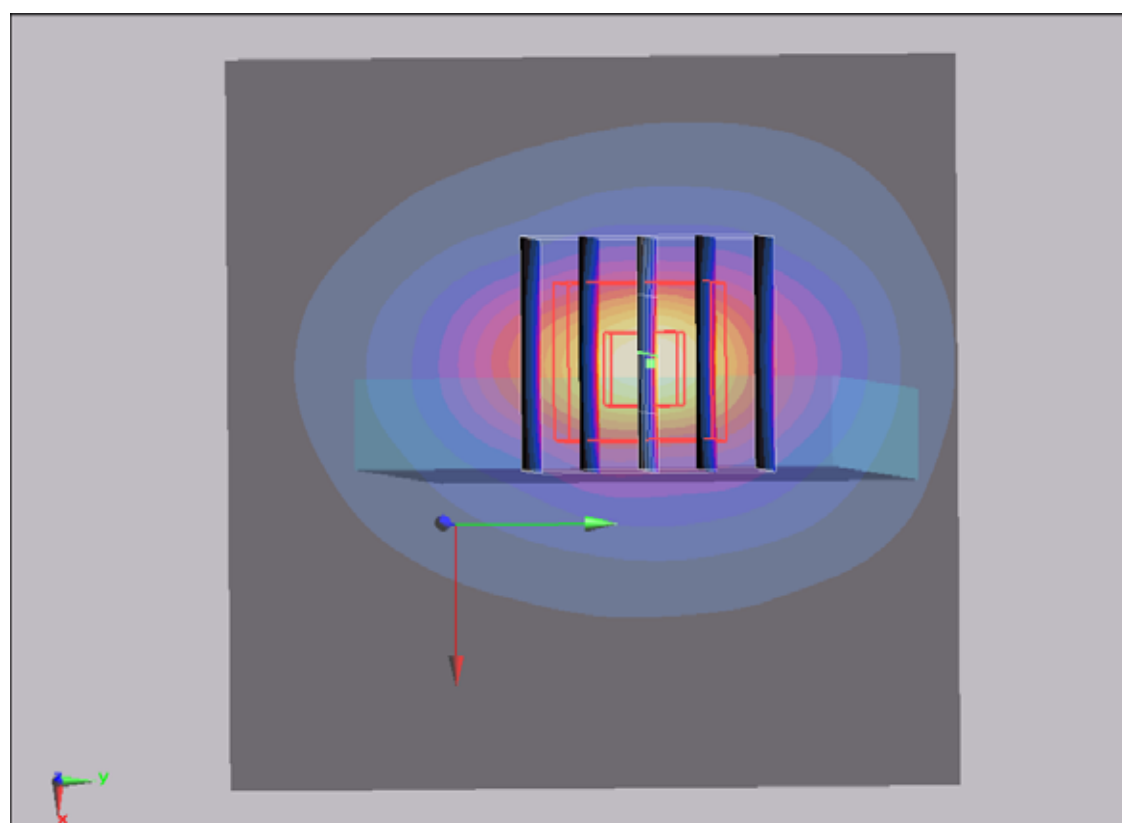
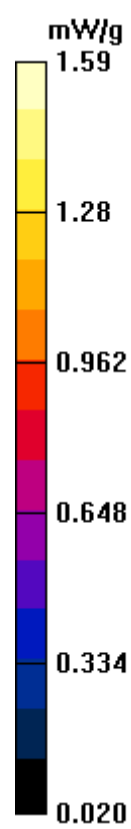
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.6 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.739 mW/g

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



#79 WCDMA II_RMC12.2K_Down Side_1cm_Ch9400_Sample1_Battery3

DUT: 141115-01

Communication System: WCDMA Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110524 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.46 mW/g

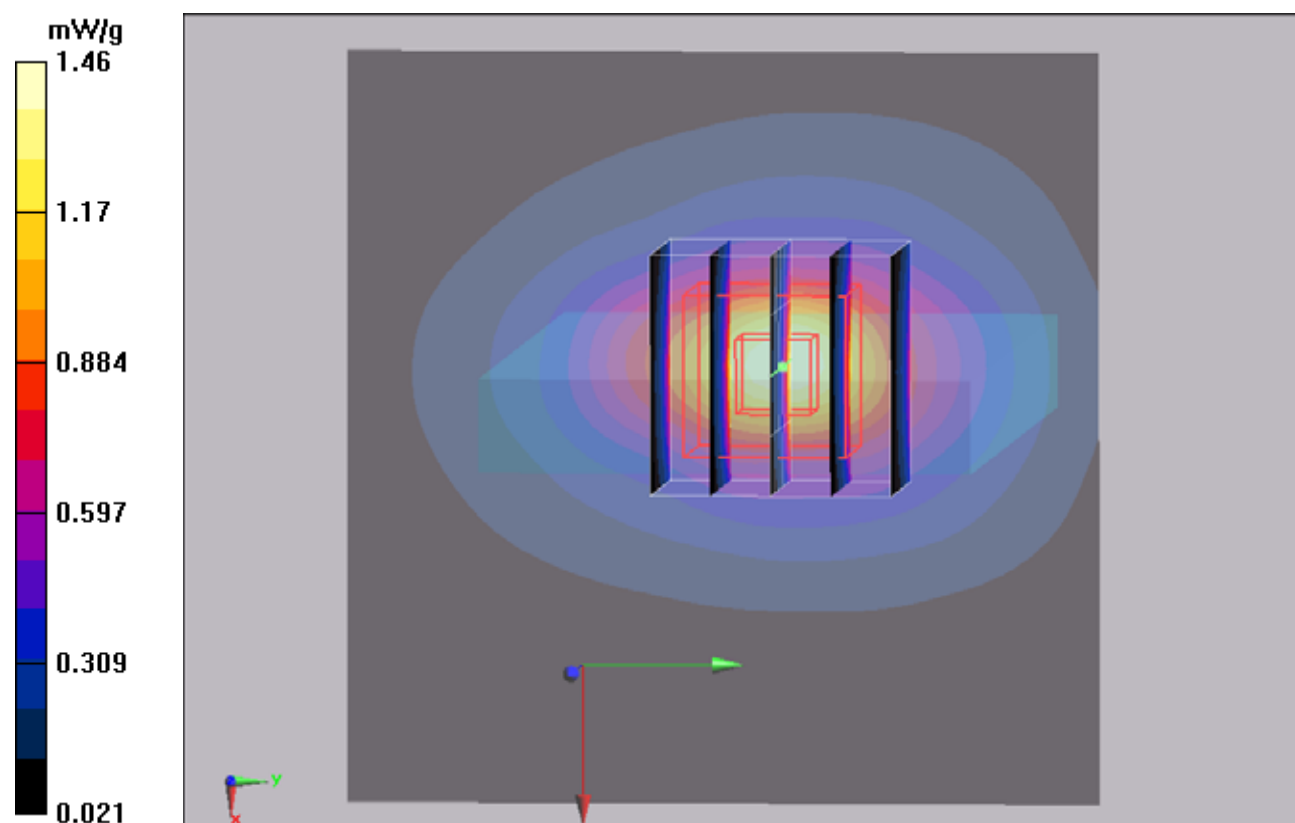
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.8 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.726 mW/g

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



#80 WCDMA II_RMC12.2K_Bottom_1cm_Ch9262_Sample1_Battery1_Earphone1

DUT: 141115-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110525 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

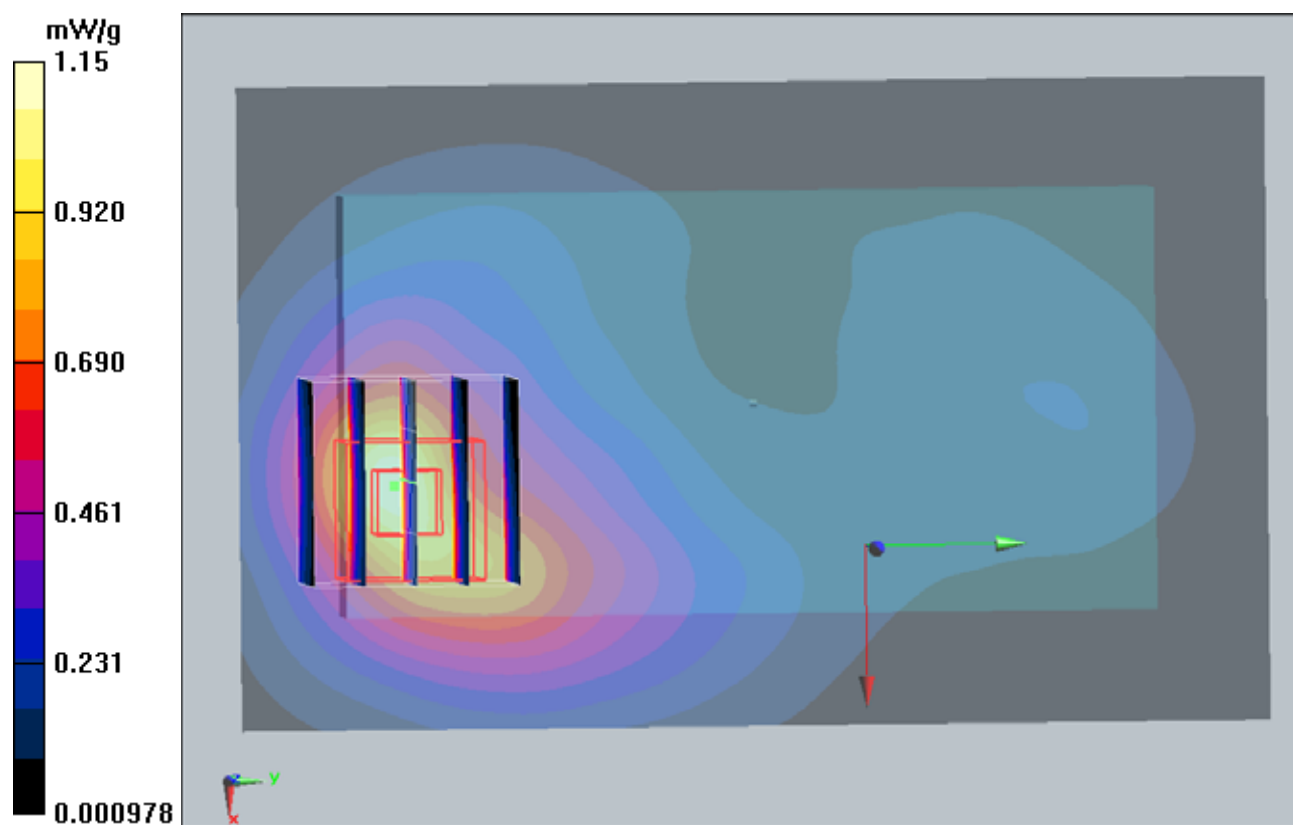
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.91 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.631 mW/g

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



#81 WCDMA II_RMC12.2K_Bottom_1cm_Ch9262_Sample2_Battery2_Earphone2

DUT: 141115-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110525 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.13 mW/g

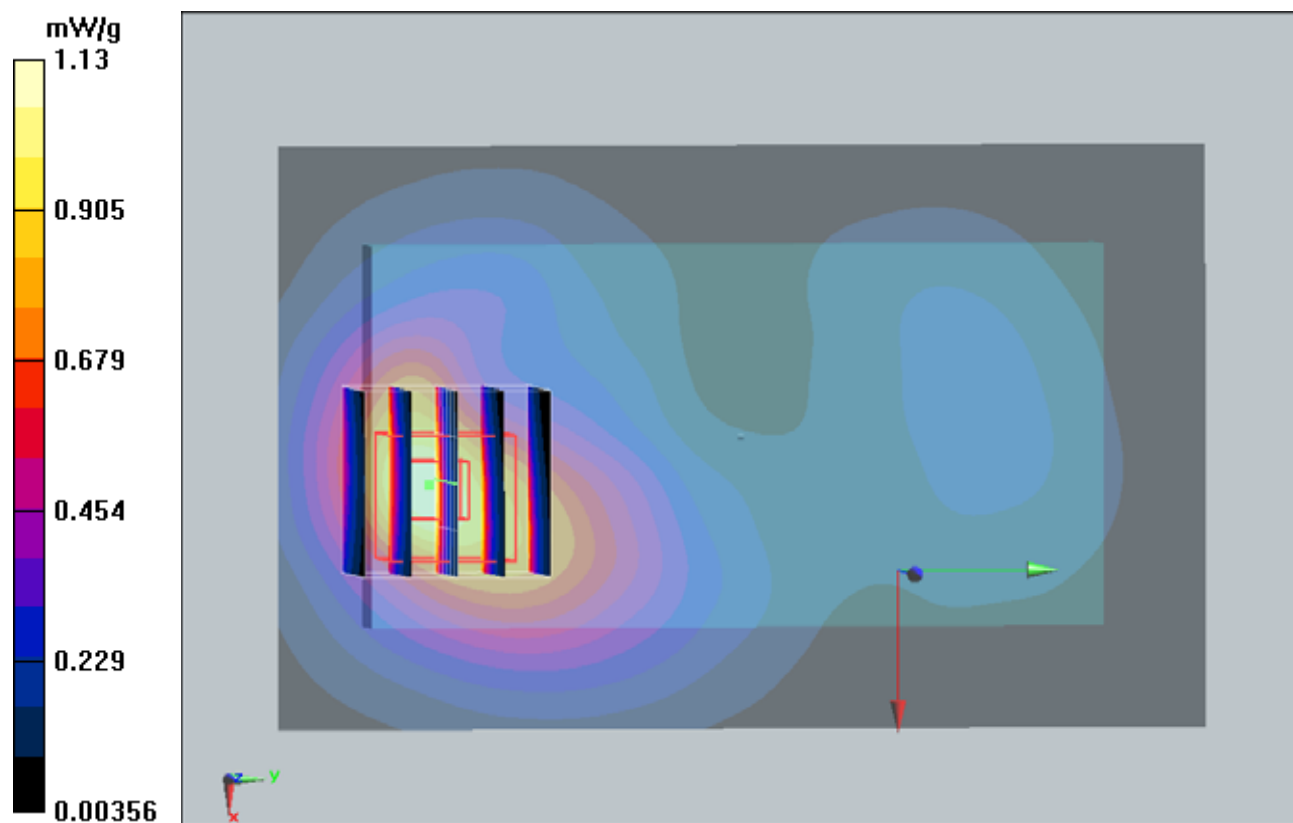
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.76 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.636 mW/g

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



#82 WCDMA II_RMC12.2K_Bottom_1cm_Ch9262_Sample1_Battery3_Earphone3

DUT: 141115-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110525 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

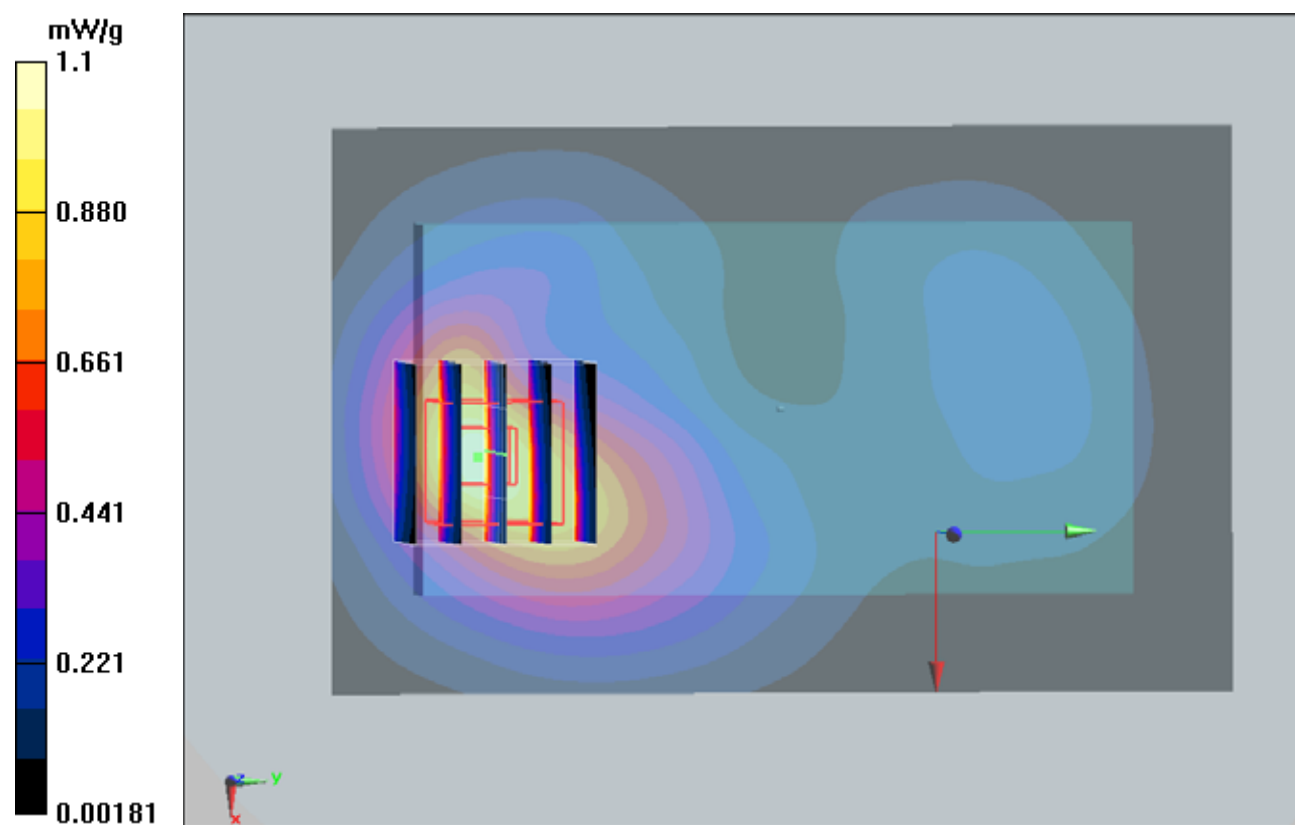
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.57 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.622 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



#84 WCDMA II_RMC12.2K_Bottom_1cm_Ch9538_Sample1_Battery1_Earphone1

DUT: 141115-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110525 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.57 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

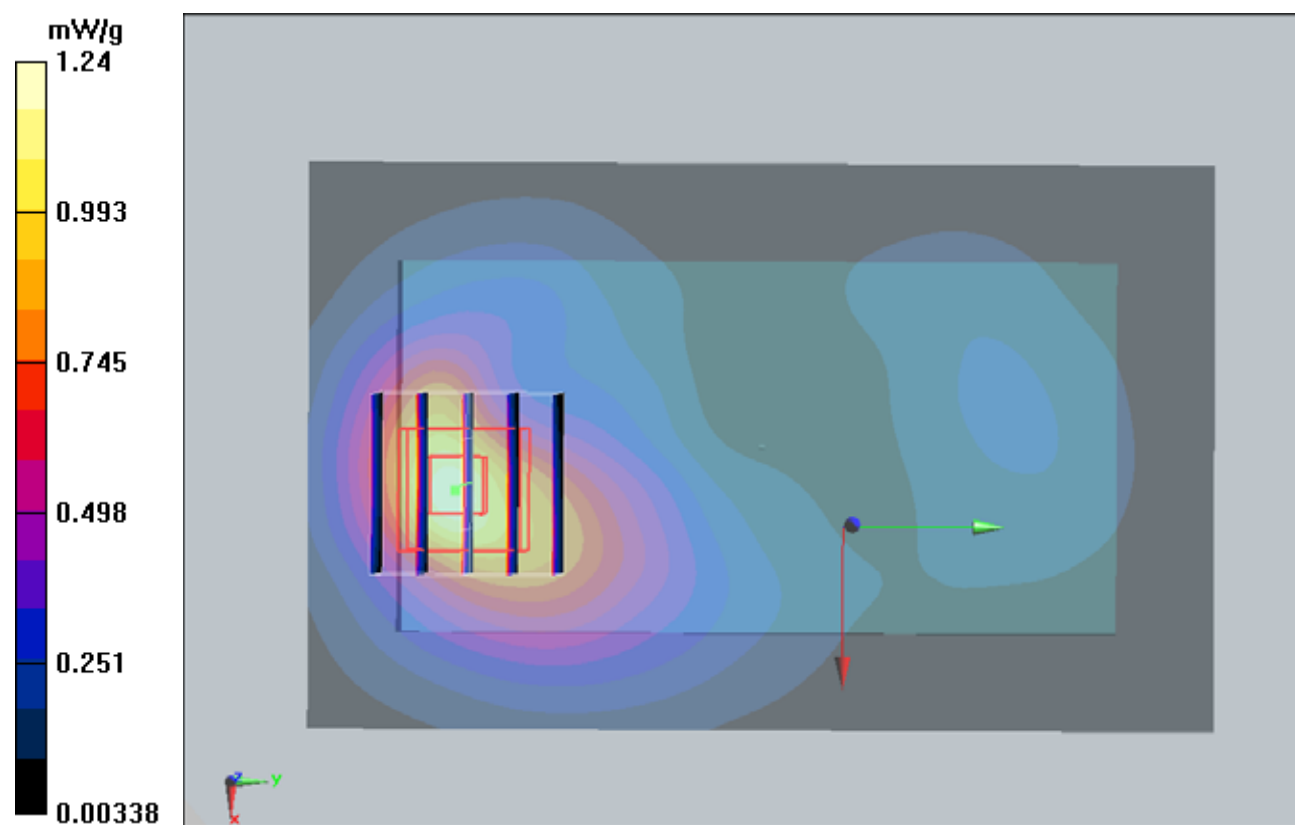
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.45 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.698 mW/g

Maximum value of SAR (measured) = 1.3 mW/g



#83 WCDMA II_RMC12.2K_Bottom_1cm_Ch9400_Sample1_Battery1_Earphone1

DUT: 141115-01

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

Medium: MSL_1900_110525 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.45 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.670 mW/g

Maximum value of SAR (measured) = 1.23 mW/g

