

## #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 :  $f = 824.2$  MHz;  $\sigma = 0.915$   
mho/m;  $\epsilon_r = 43.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

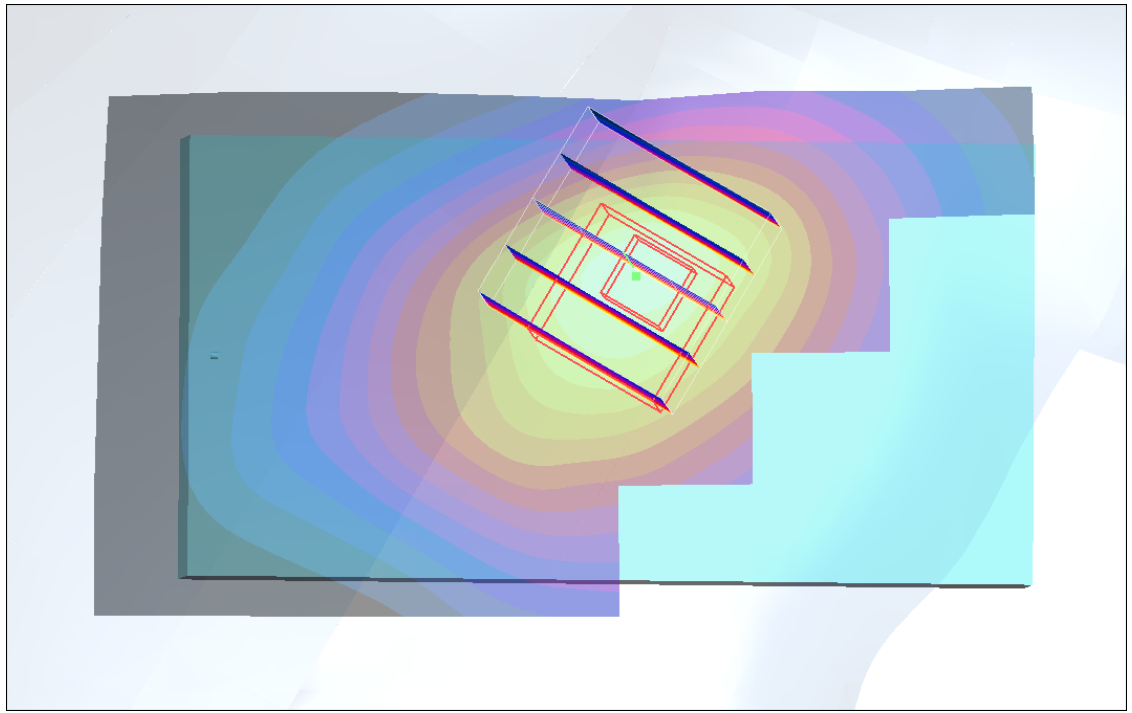
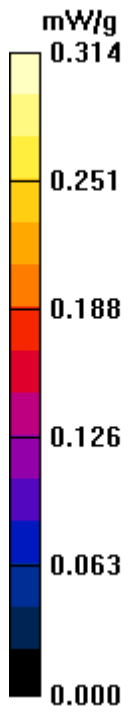
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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



## #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/m<sup>3</sup>

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

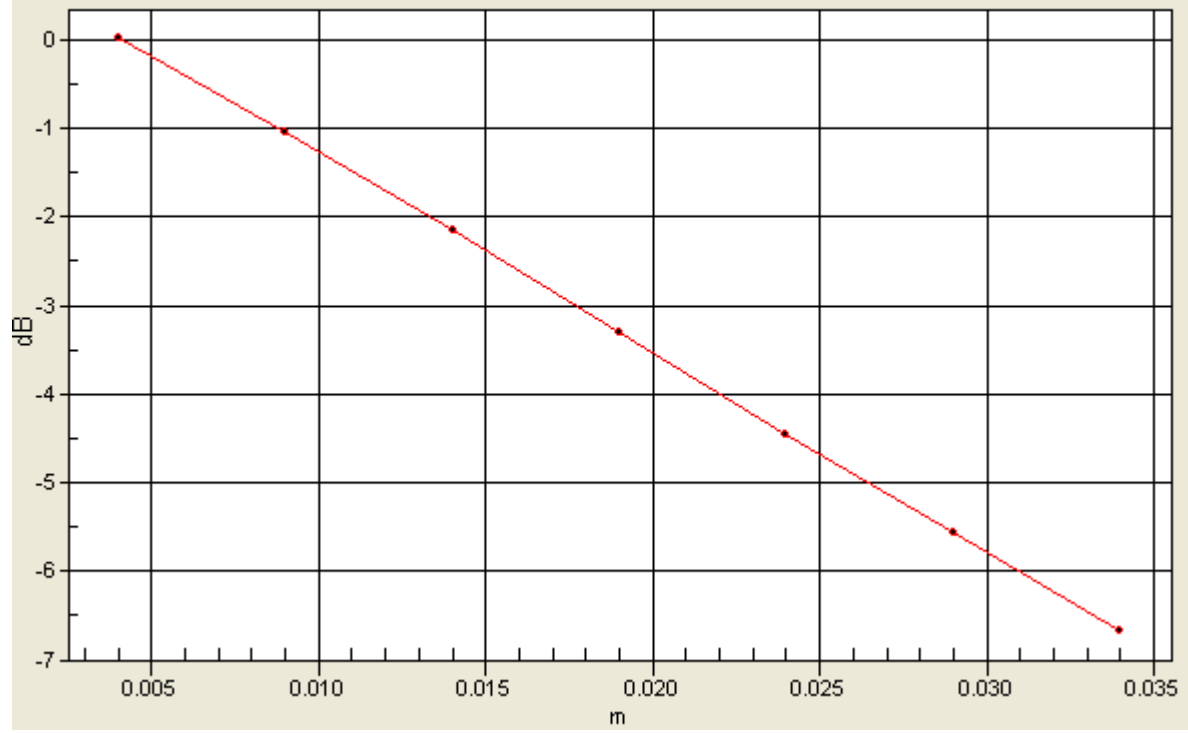
Peak SAR (extrapolated) = 0.369 W/kg

**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 :  $f = 824.2$  MHz;  $\sigma = 0.915$   
mho/m;  $\epsilon_r = 43.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °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) = 0.202 mW/g

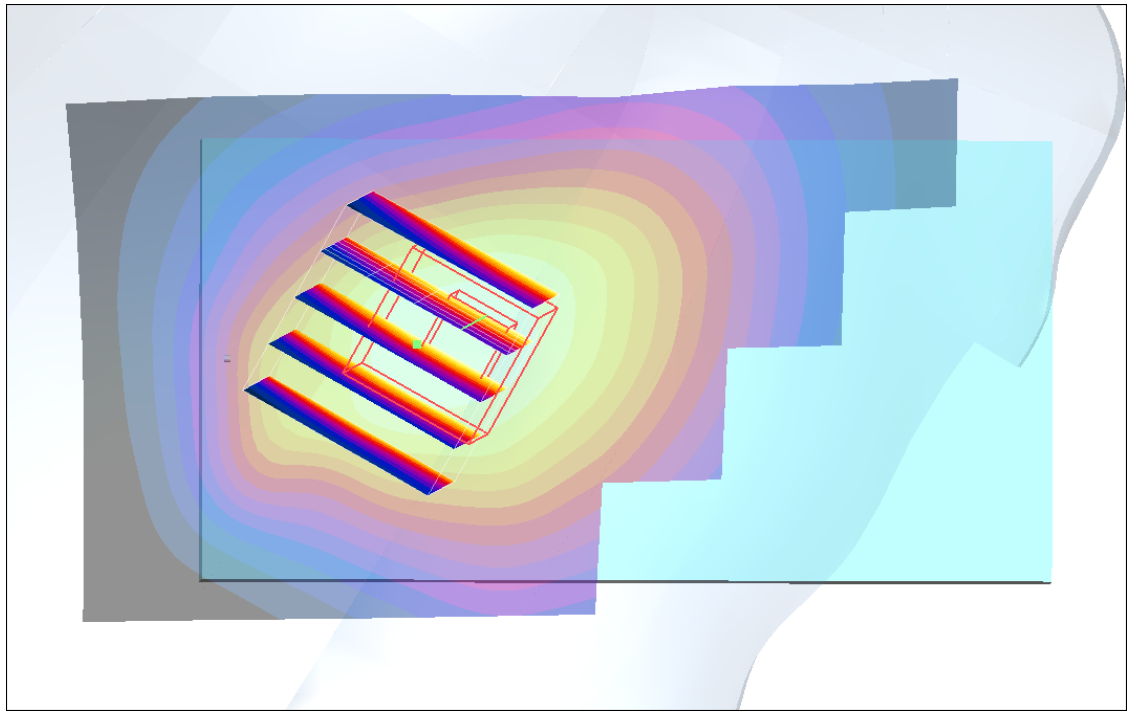
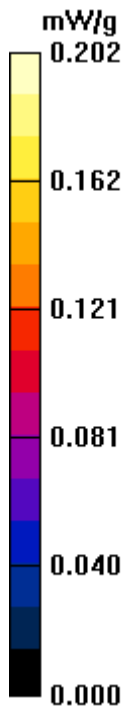
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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 :  $f = 824.2$  MHz;  $\sigma = 0.915$   
mho/m;  $\epsilon_r = 43.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.5 °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) = 0.257 mW/g

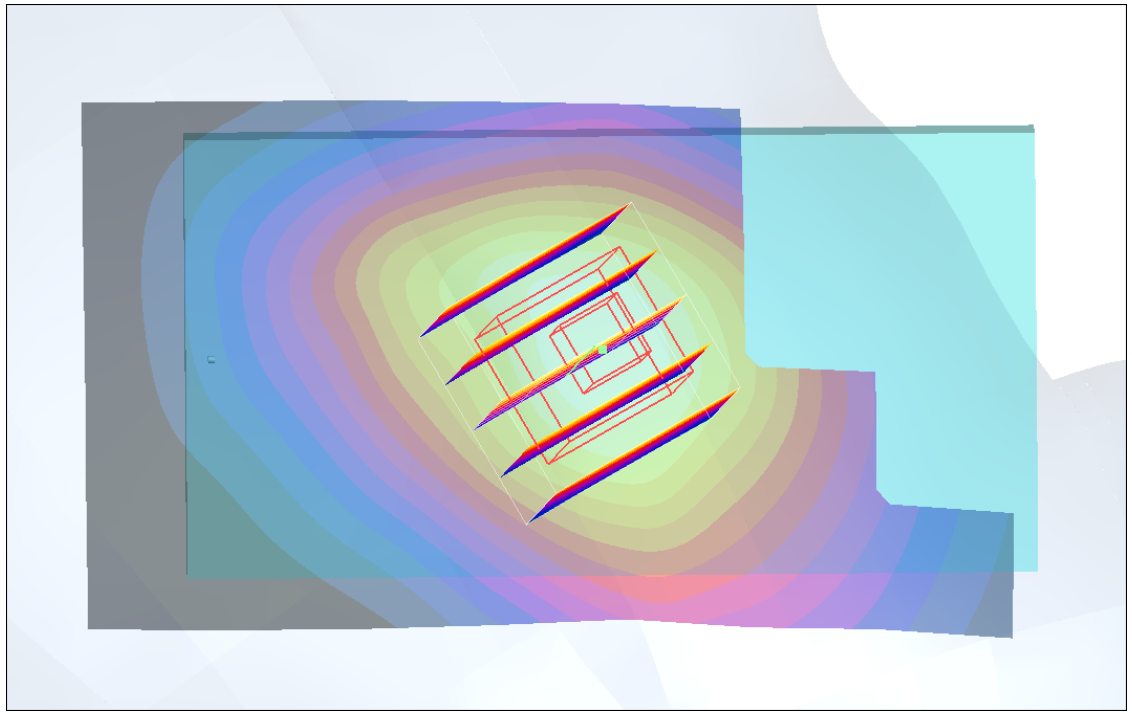
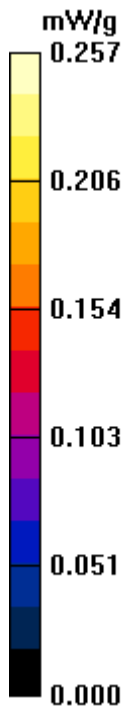
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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 :  $f = 824.2$  MHz;  $\sigma = 0.915$   
mho/m;  $\epsilon_r = 43.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °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) = 0.188 mW/g

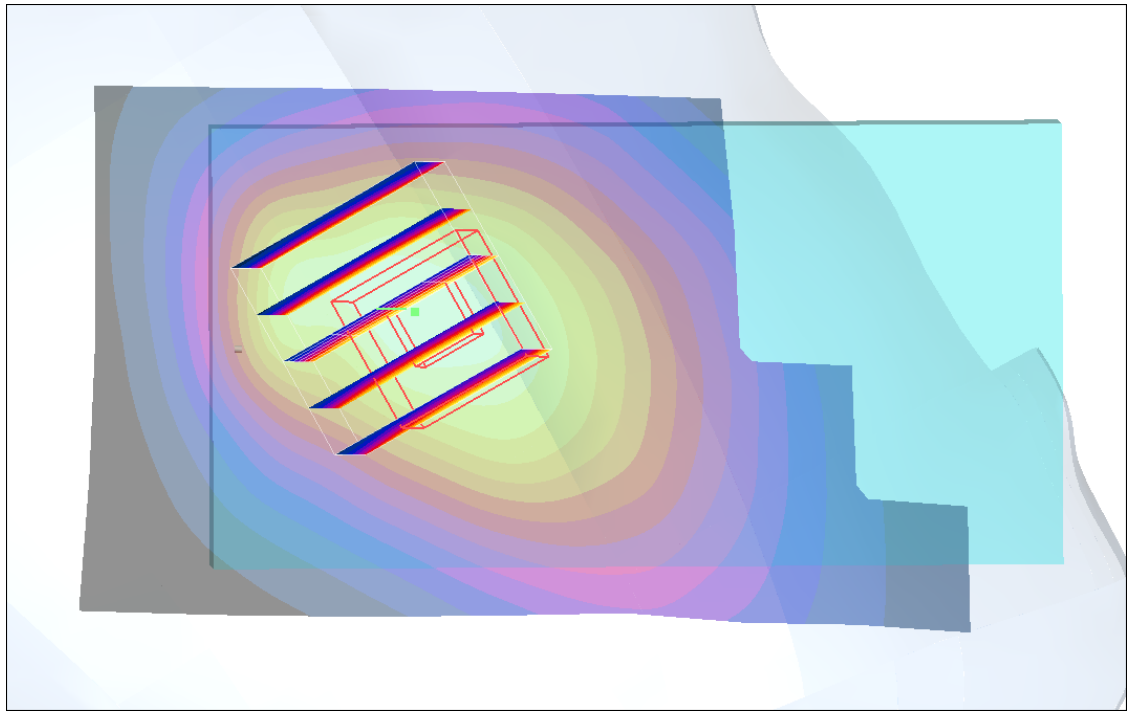
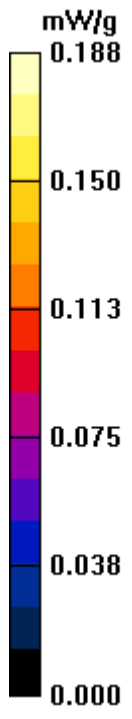
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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 :  $f = 824.2$  MHz;  $\sigma = 0.875$   
mho/m;  $\epsilon_r = 42.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.274 mW/g

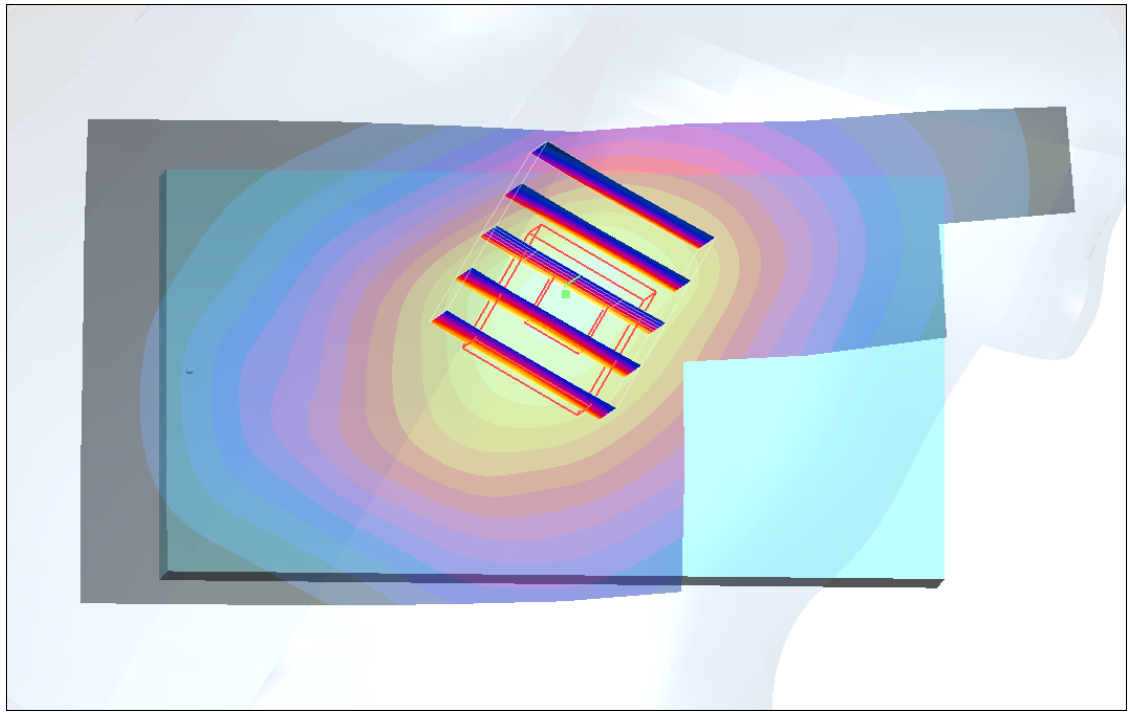
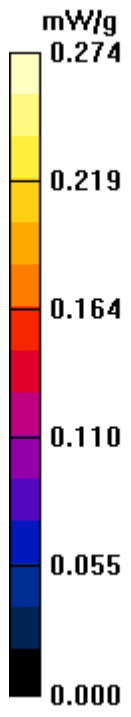
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

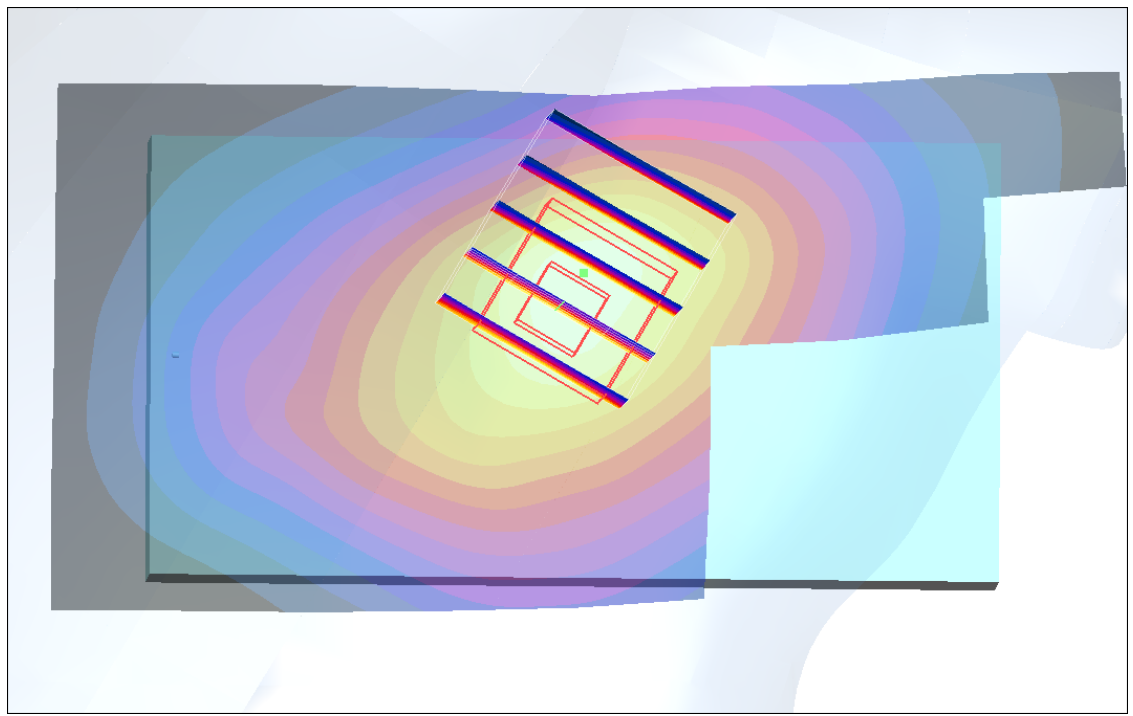
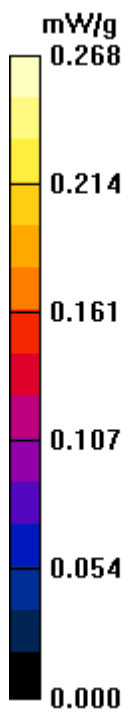
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °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) = 0.199 mW/g

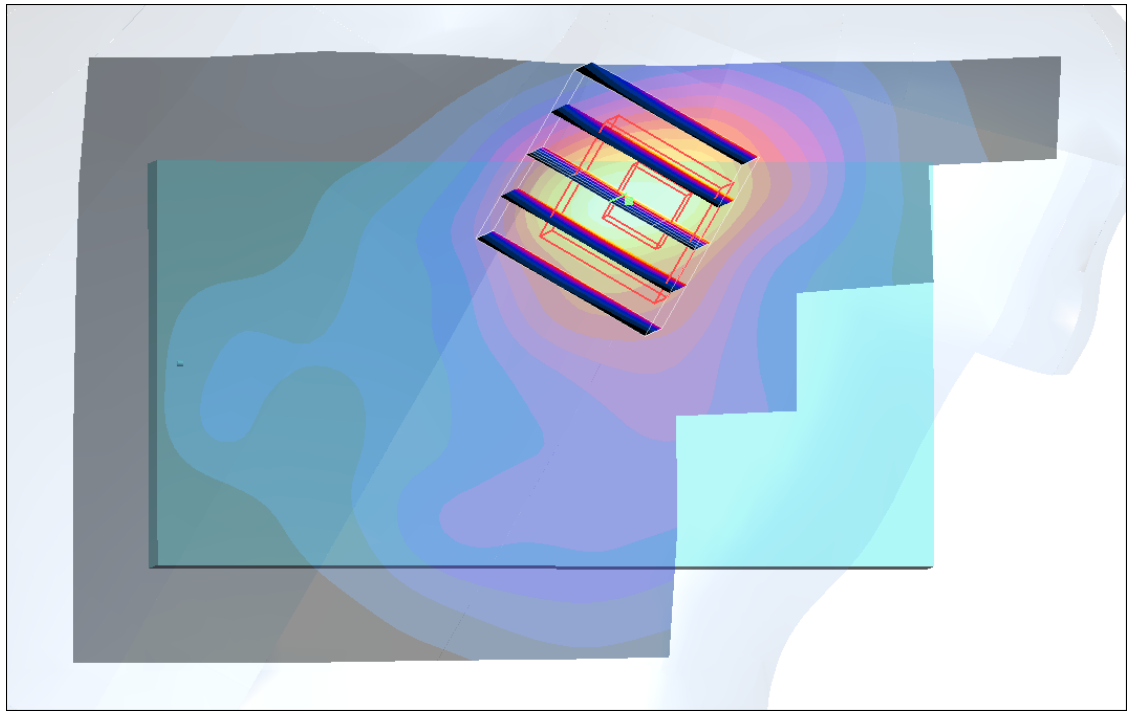
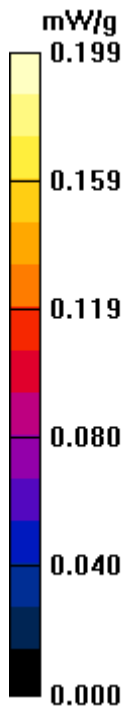
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °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) = 0.081 mW/g

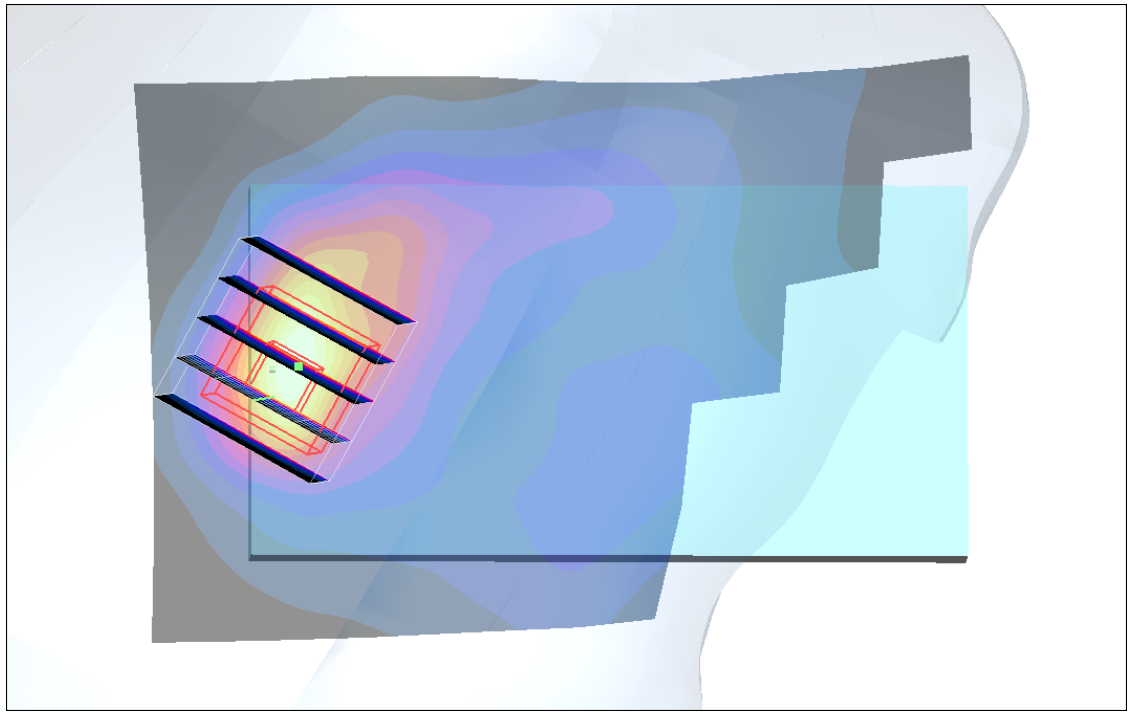
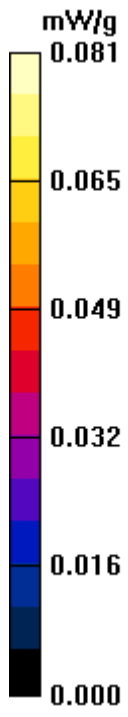
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/m<sup>3</sup>

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

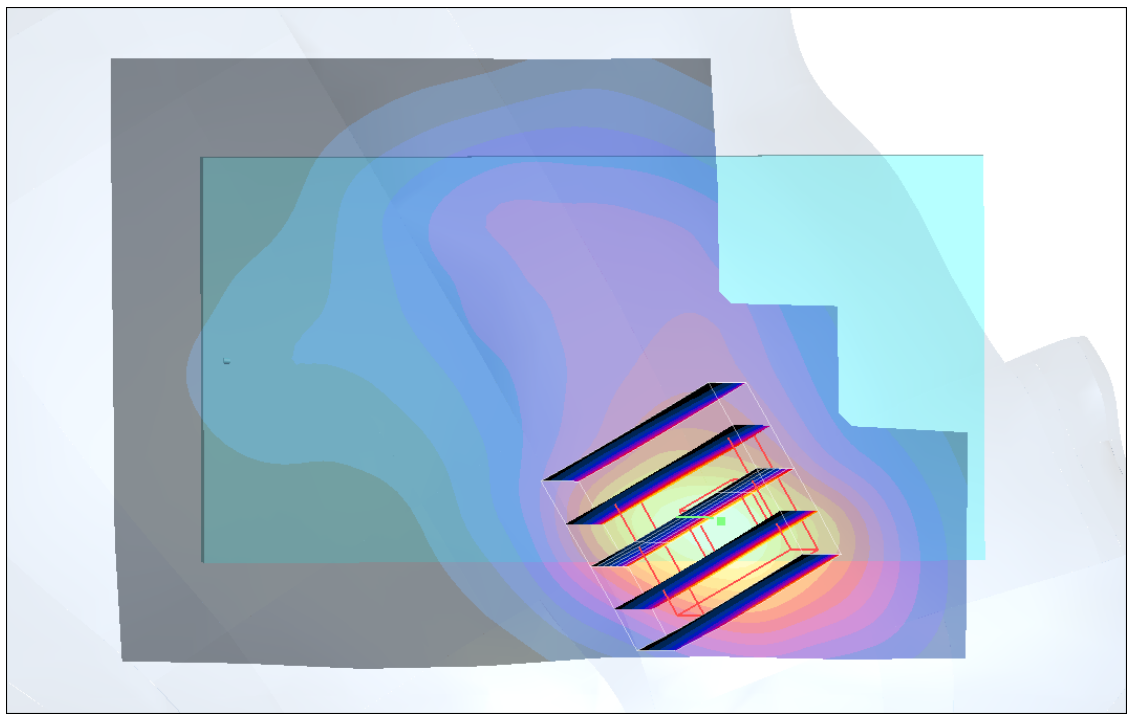
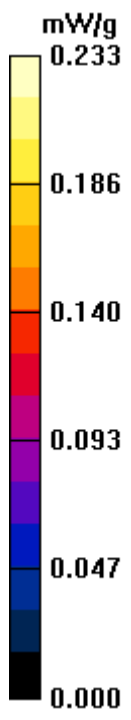
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

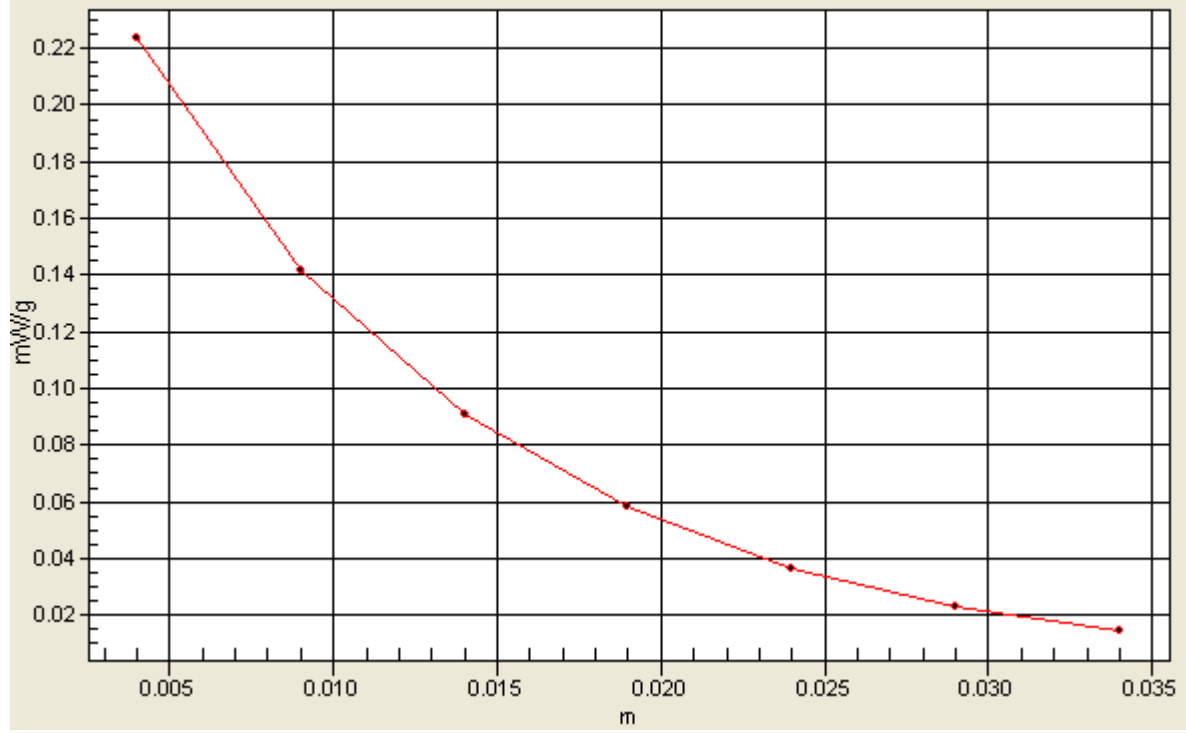
Peak SAR (extrapolated) = 0.331 W/kg

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

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

# 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/m<sup>3</sup>

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

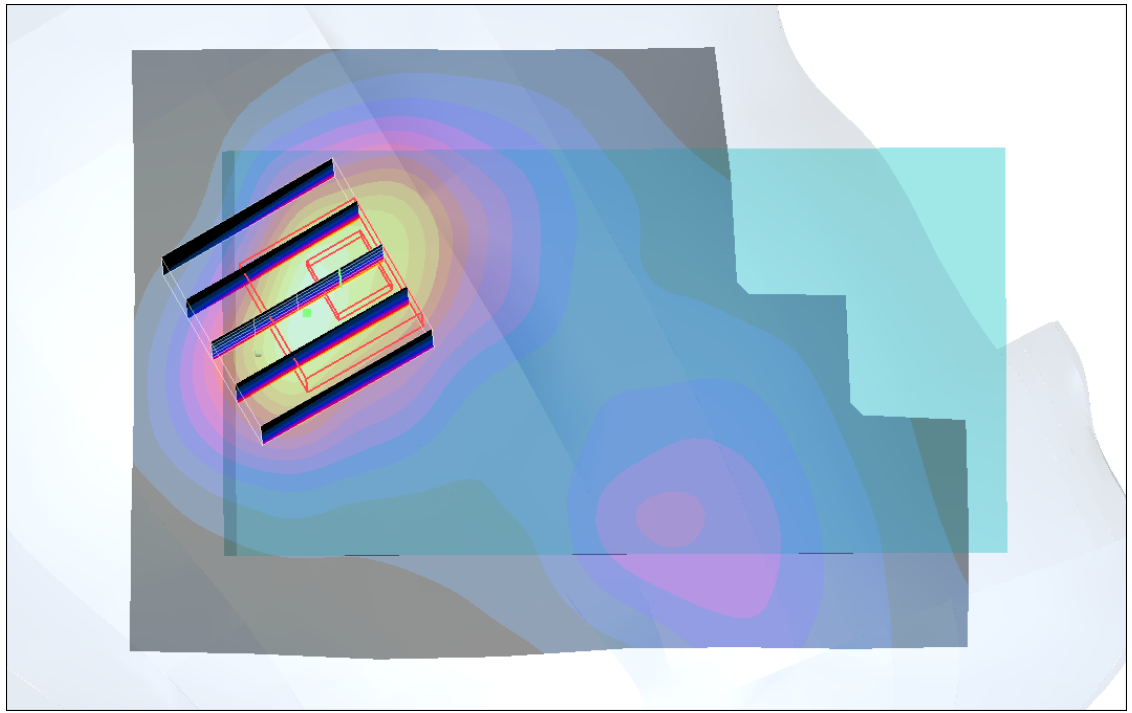
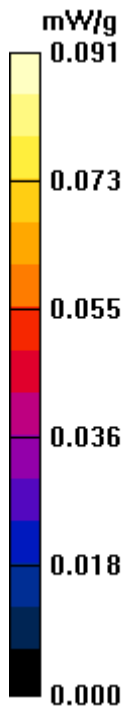
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °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) = 0.218 mW/g

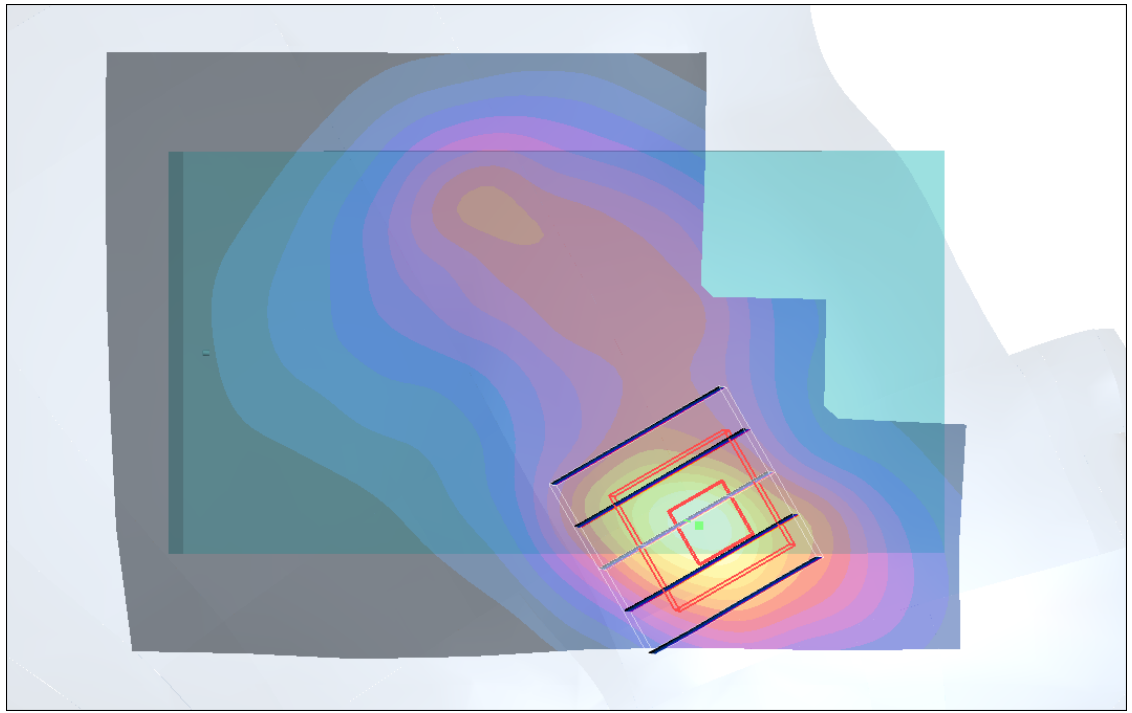
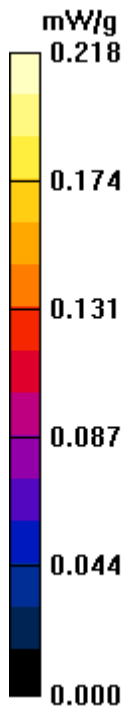
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/m<sup>3</sup>

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

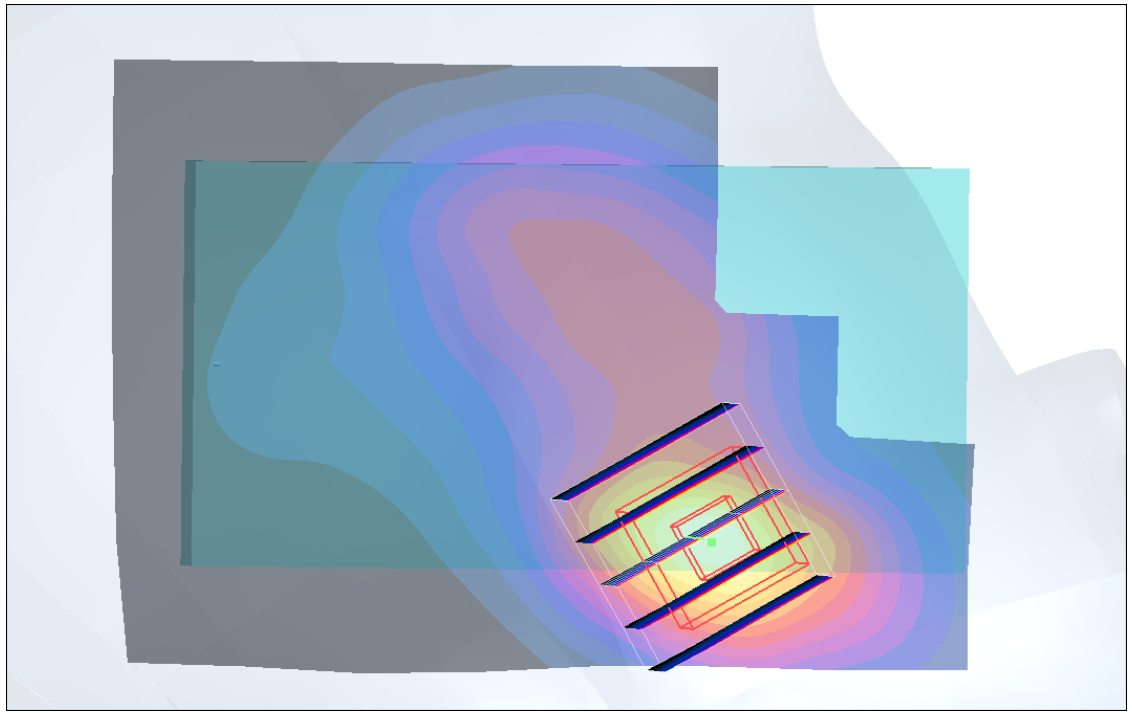
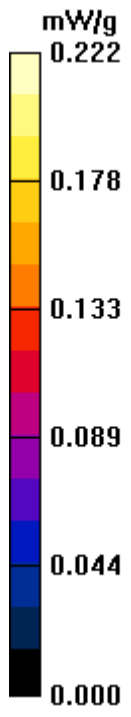
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 847$  MHz;  $\sigma = 0.896$   
mho/m;  $\epsilon_r = 41.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.333 mW/g

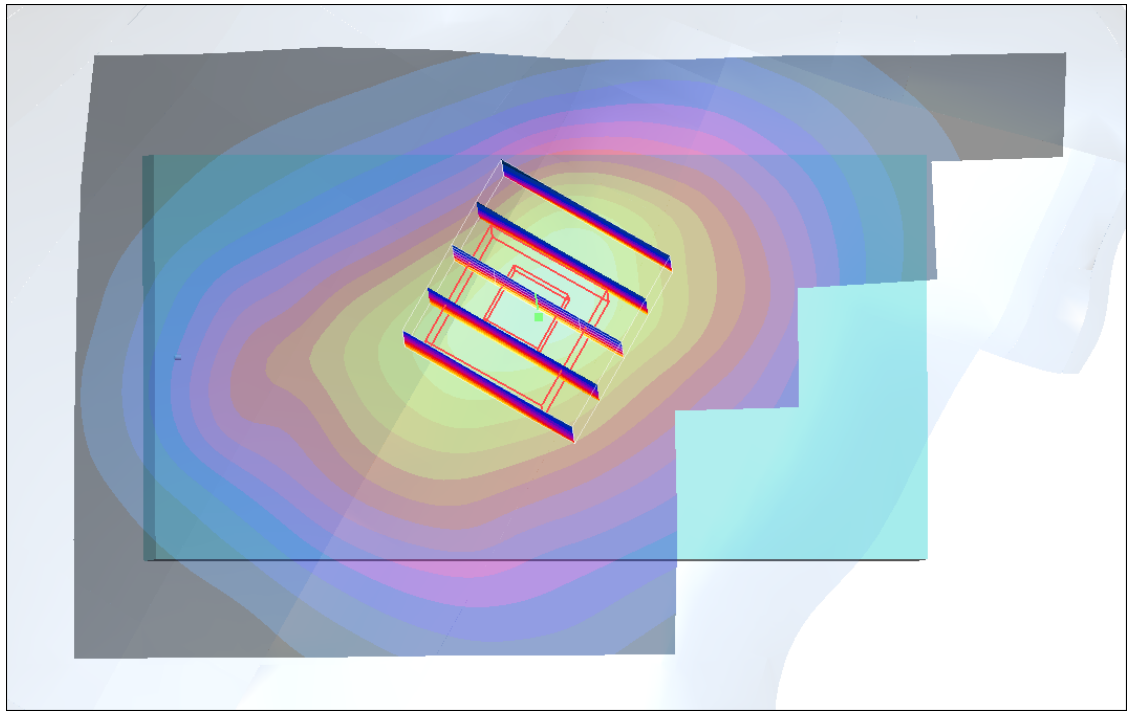
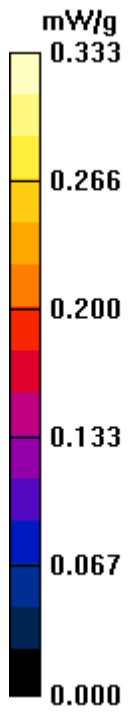
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 847$  MHz;  $\sigma = 0.896$   
mho/m;  $\epsilon_r = 41.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.363 mW/g

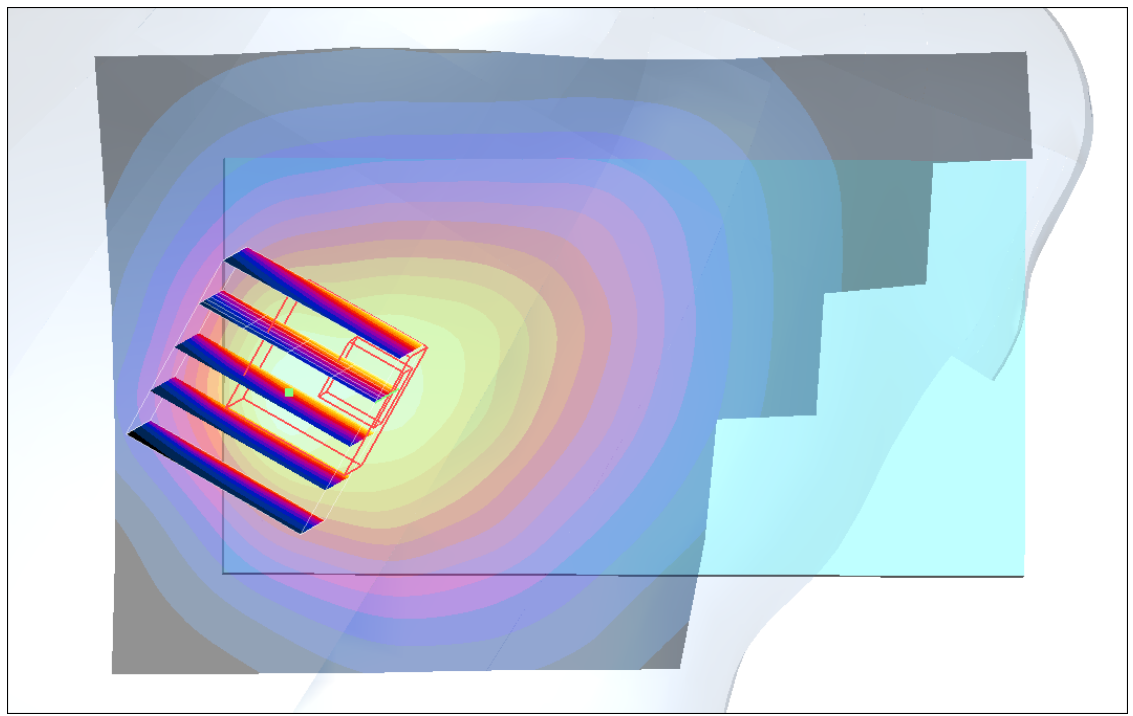
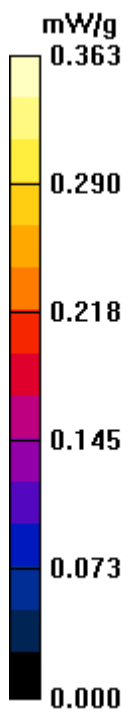
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

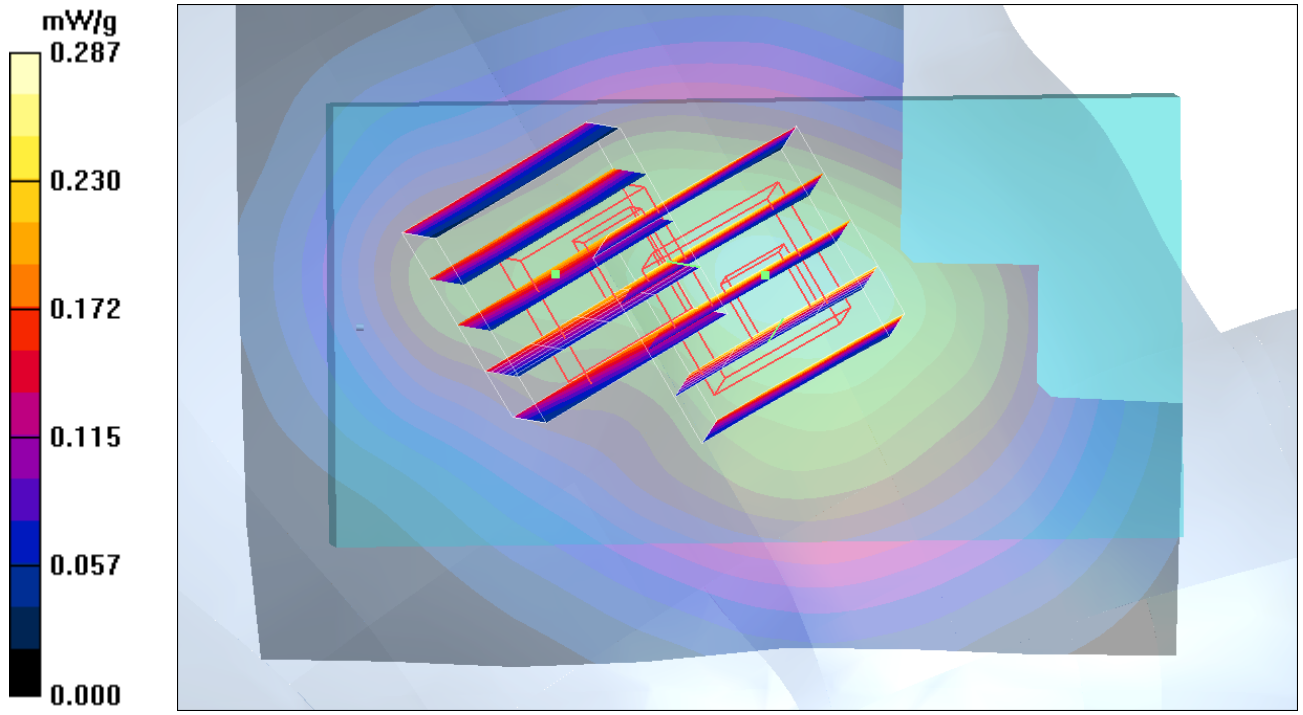
**Ch4233/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

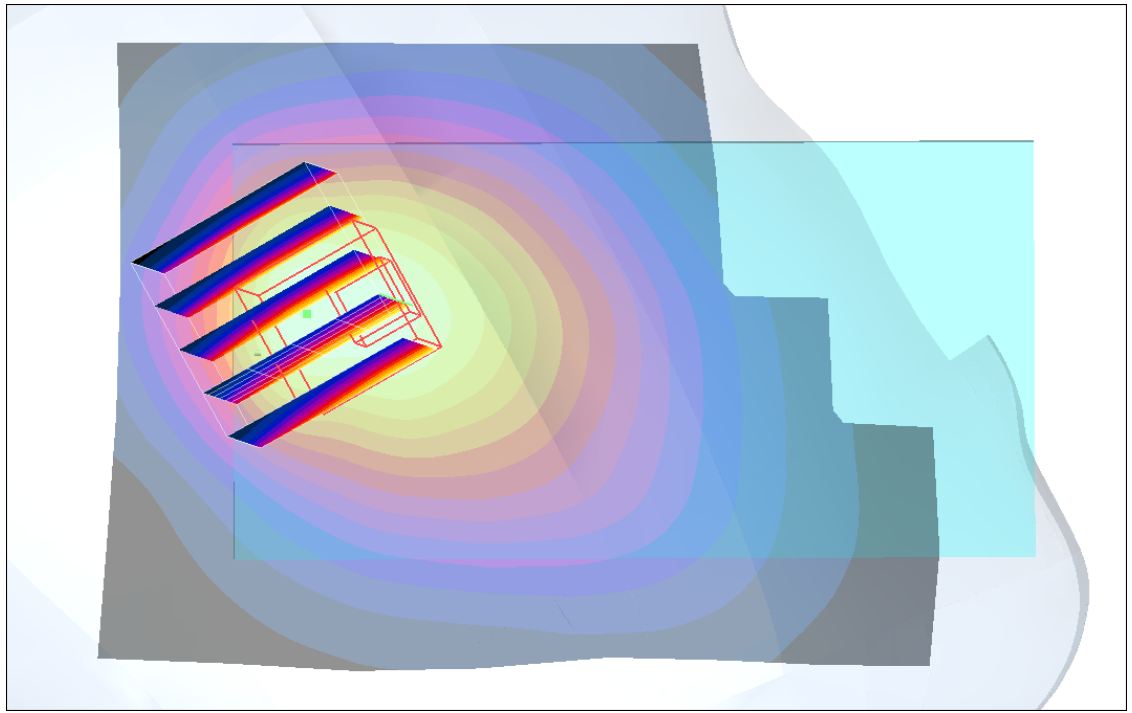
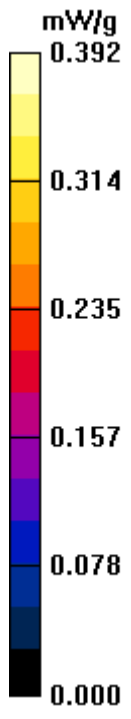
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 847$  MHz;  $\sigma = 0.896$   
mho/m;  $\epsilon_r = 41.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

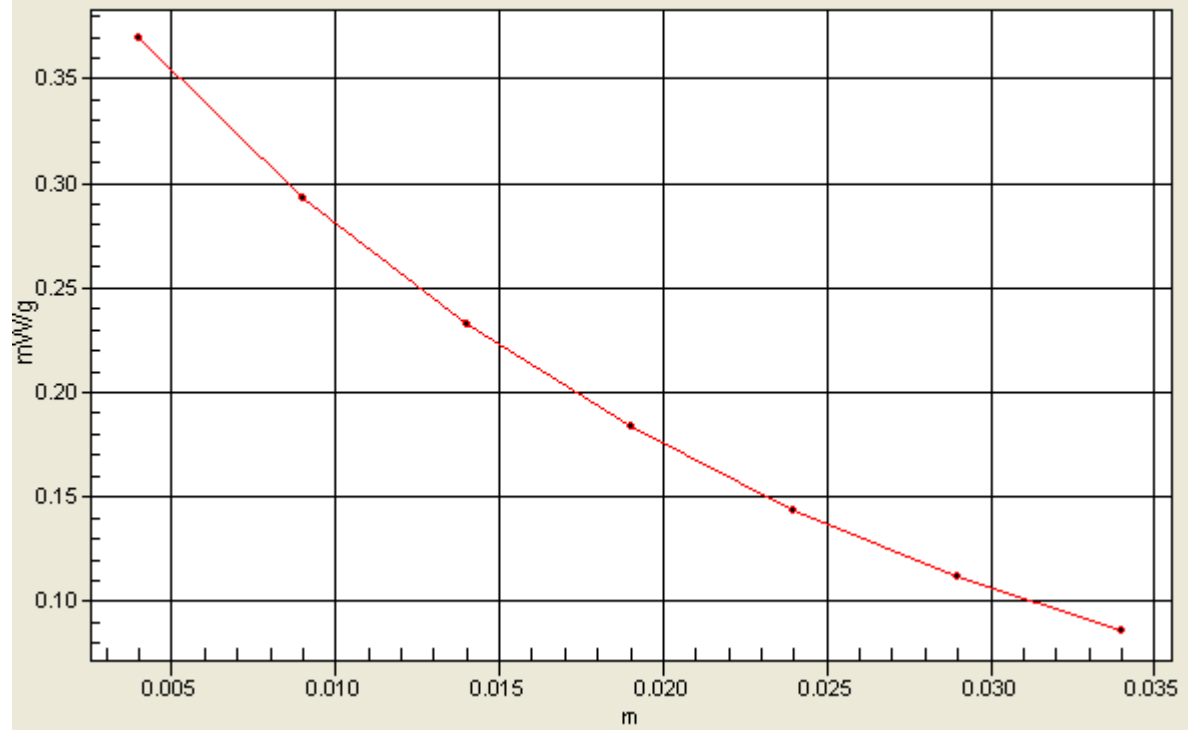
Peak SAR (extrapolated) = 0.449 W/kg

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

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

# 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/m<sup>3</sup>

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

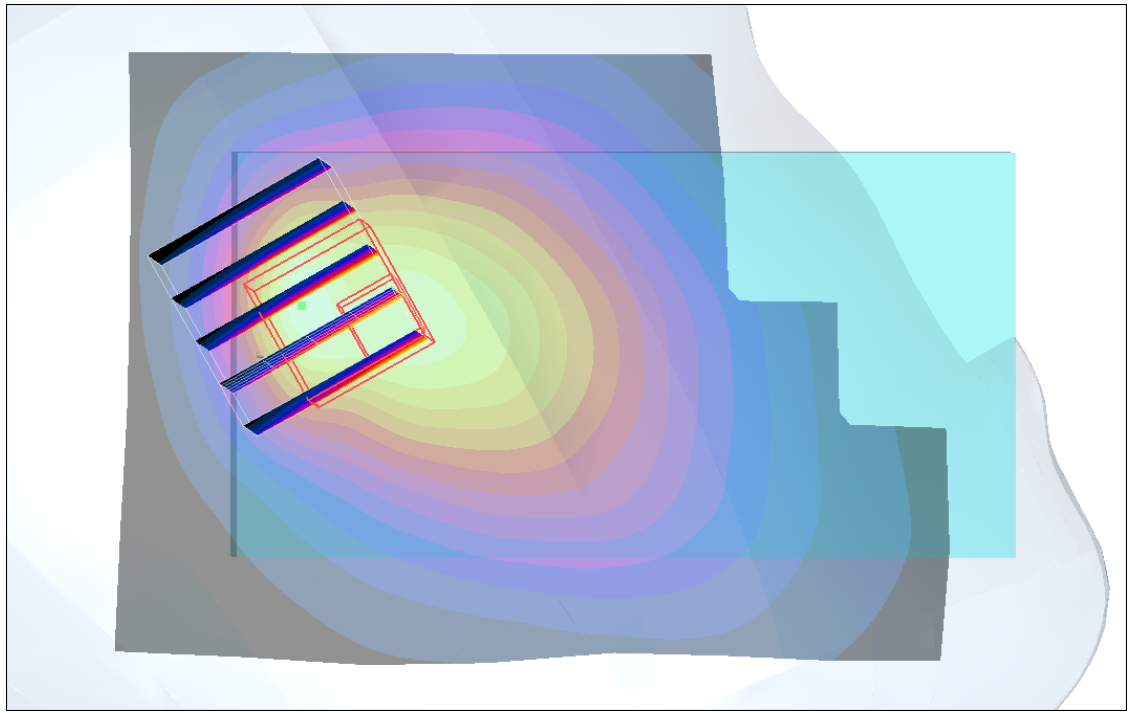
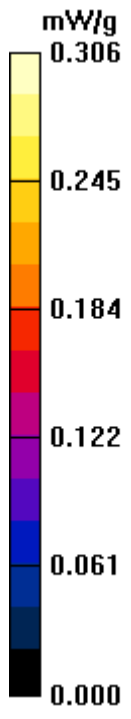
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 847$  MHz;  $\sigma = 0.896$   
mho/m;  $\epsilon_r = 41.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.319 mW/g

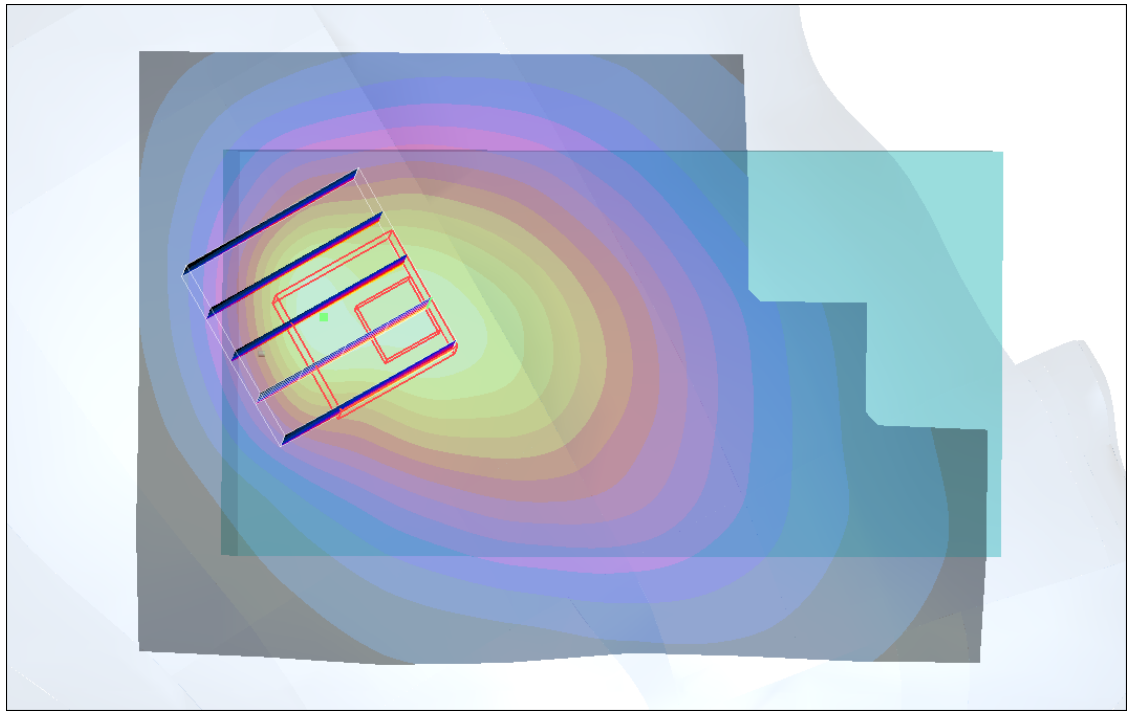
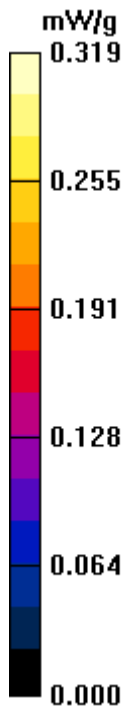
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 1852.4$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.539 mW/g

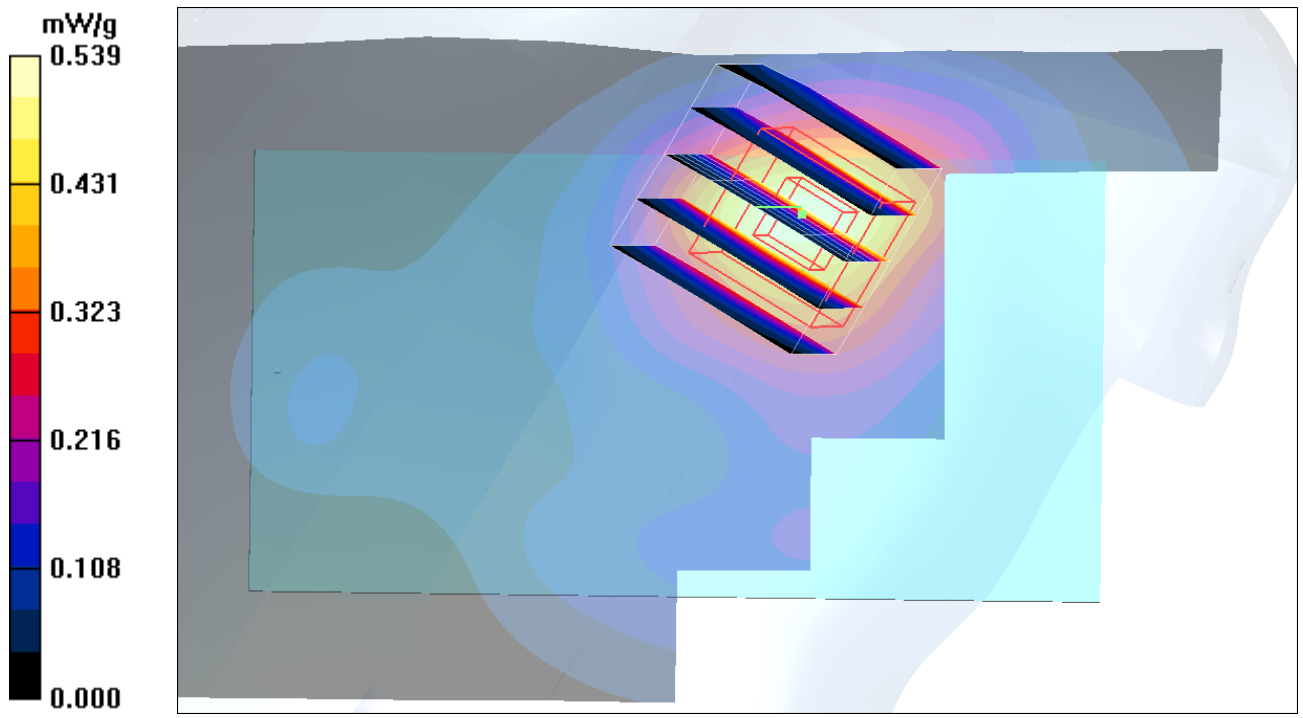
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1852.4$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.179 mW/g

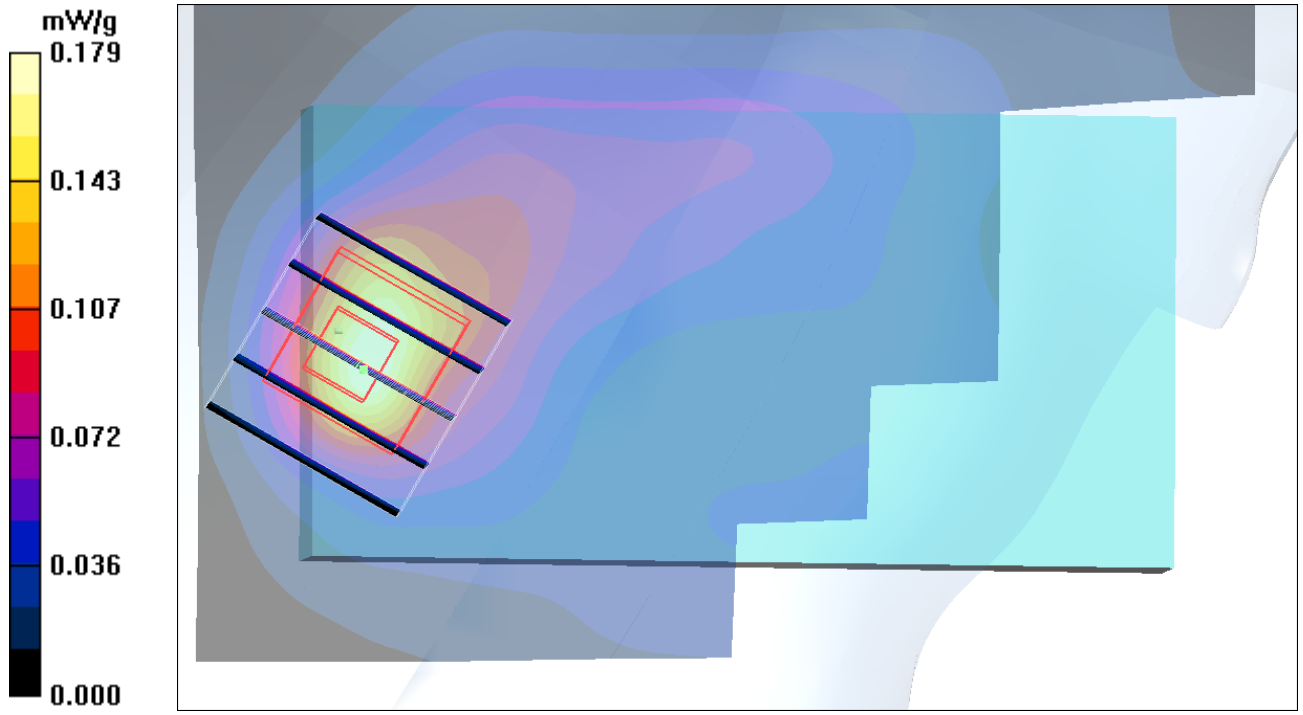
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.156 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:  $f = 1852.4$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.496 mW/g

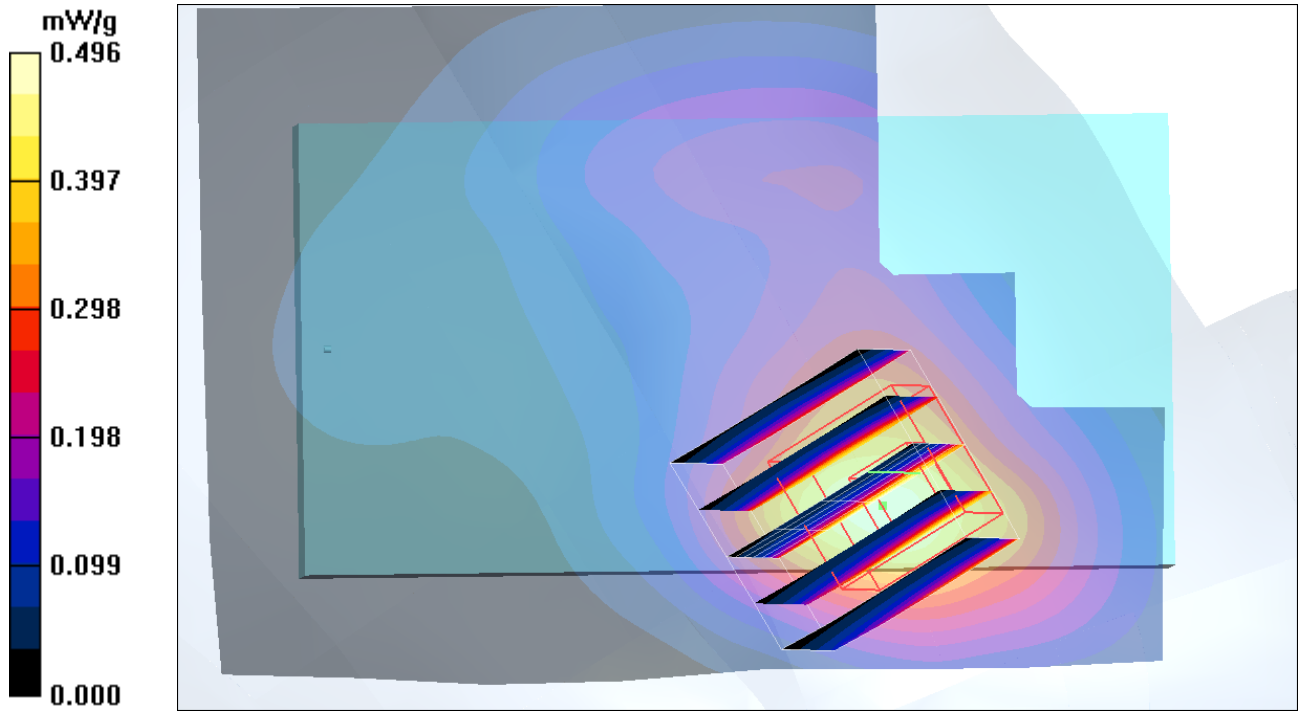
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 °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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.197 mW/g

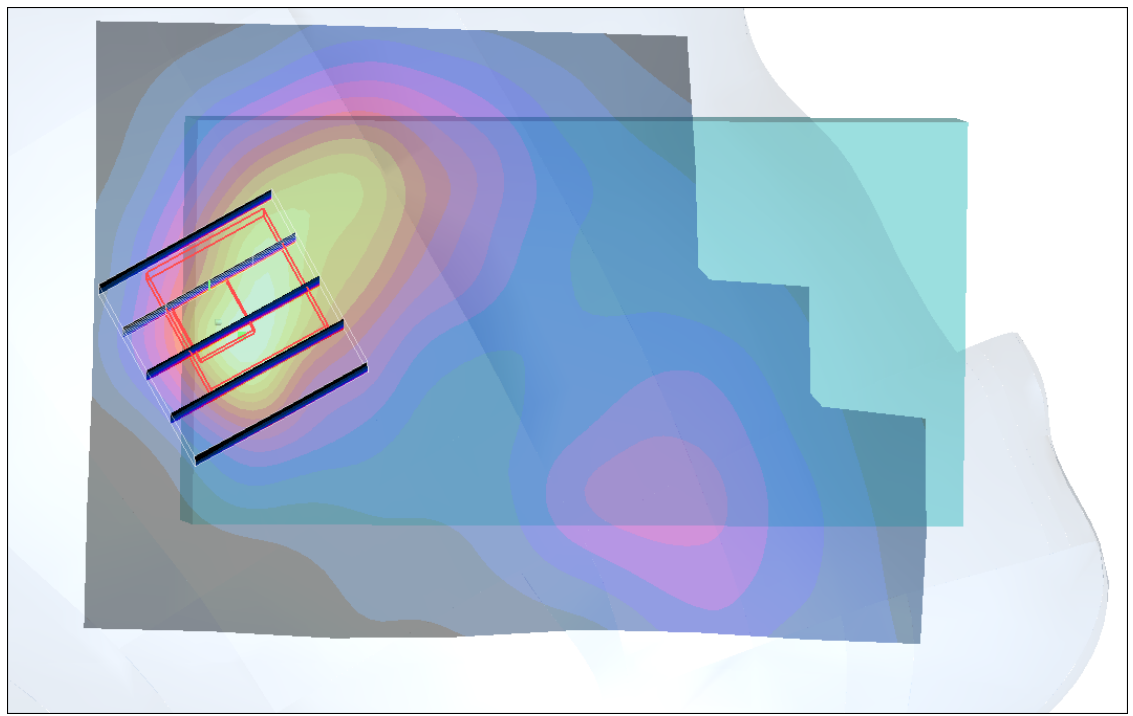
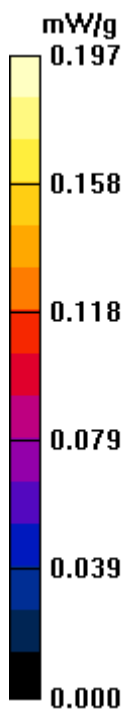
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1852.4$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.621 mW/g

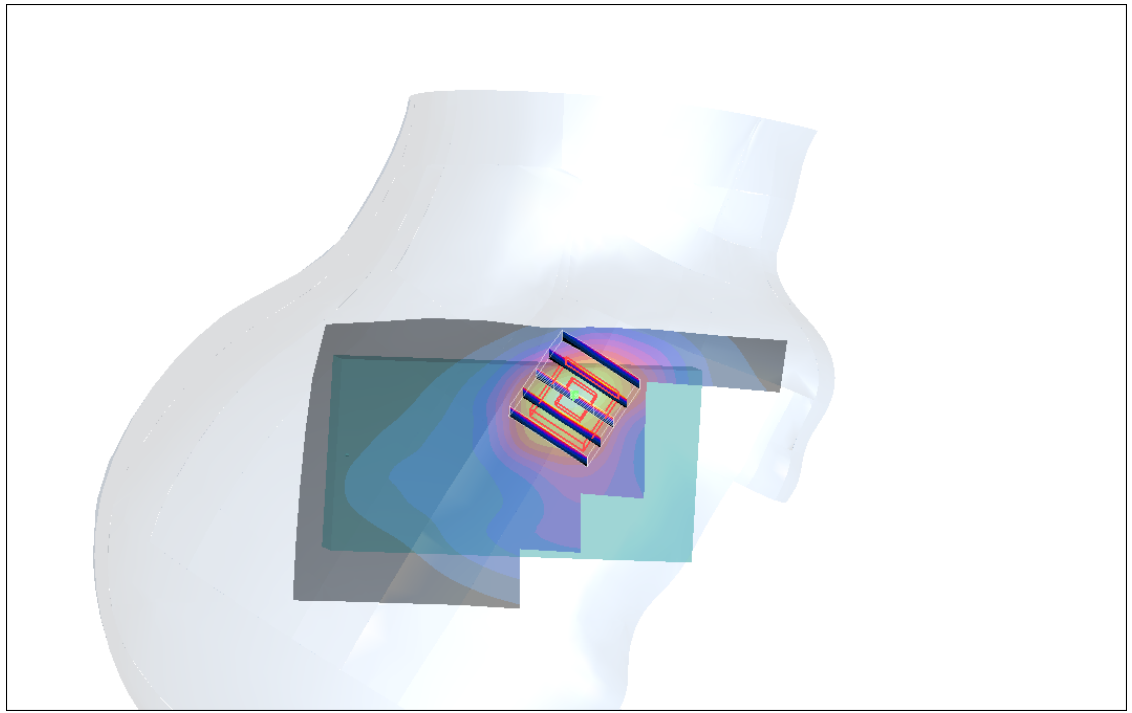
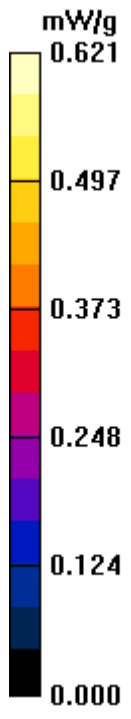
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 °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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.621 mW/g

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

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

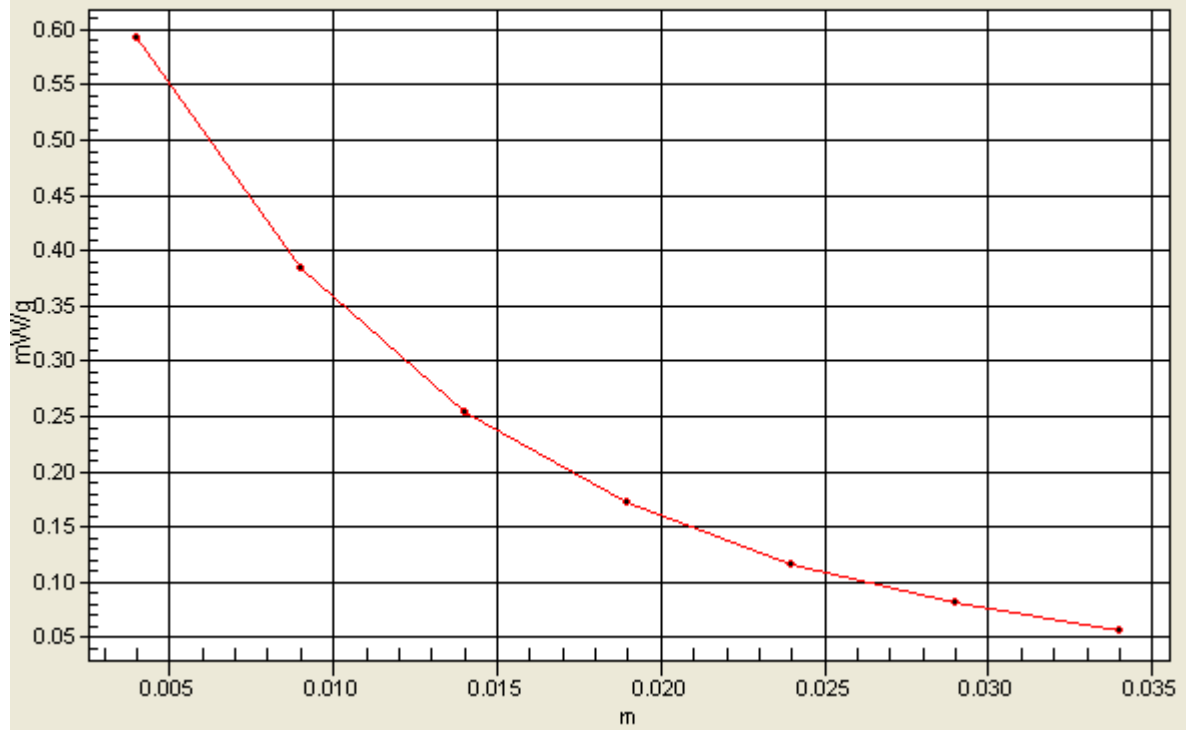
Peak SAR (extrapolated) = 0.842 W/kg

**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:  $f = 1852.4$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.478 mW/g

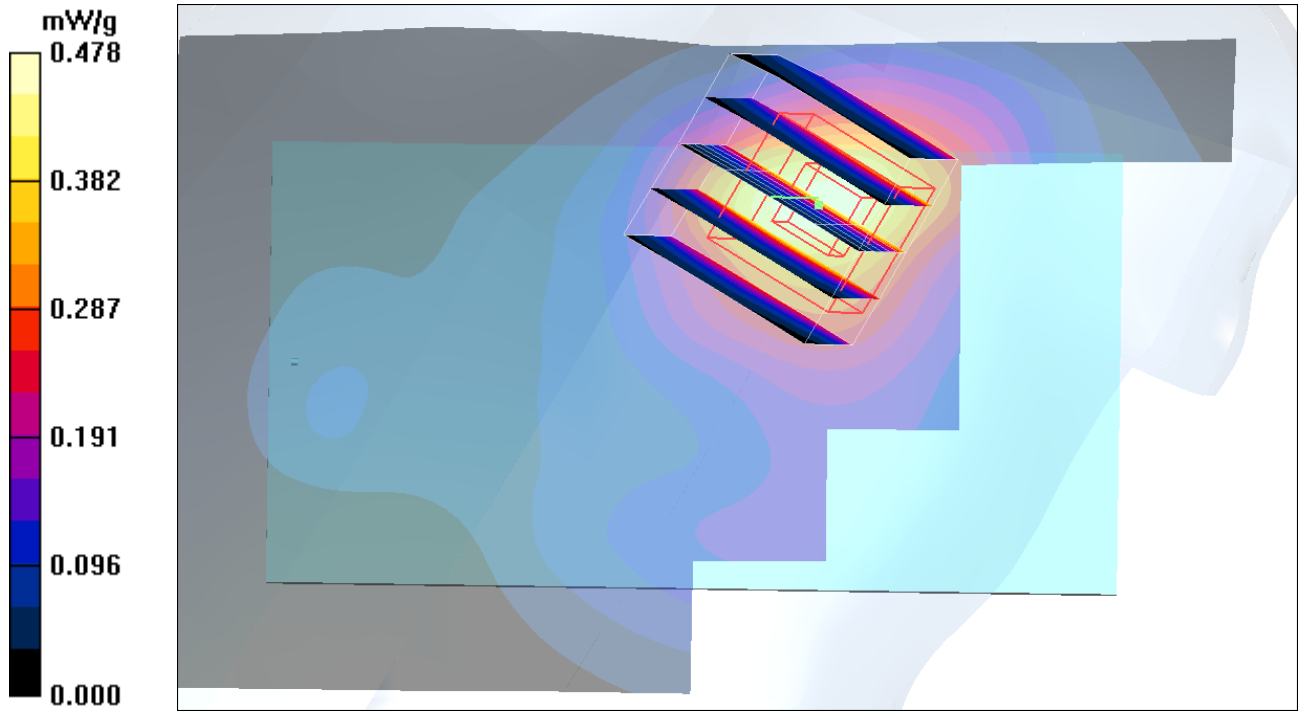
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 824.2$  MHz;  $\sigma = 0.96$   
mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.594 mW/g

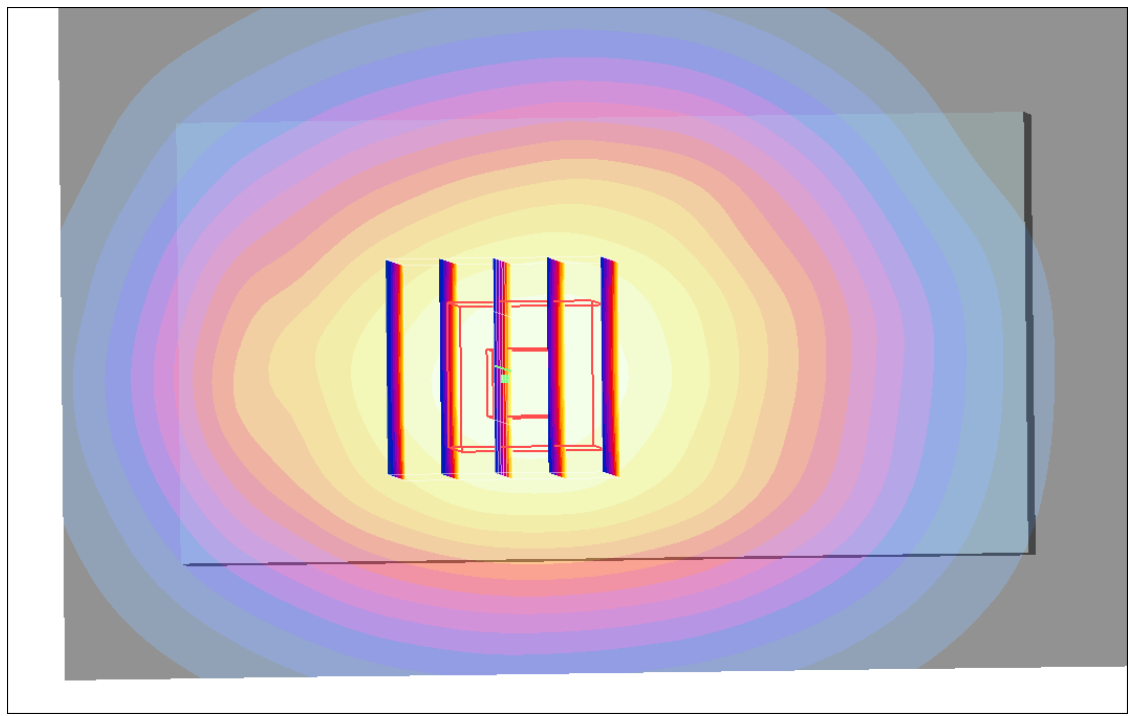
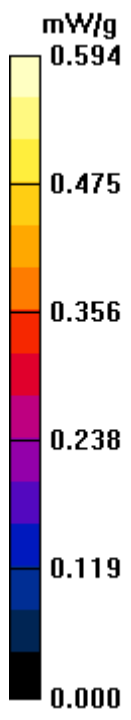
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

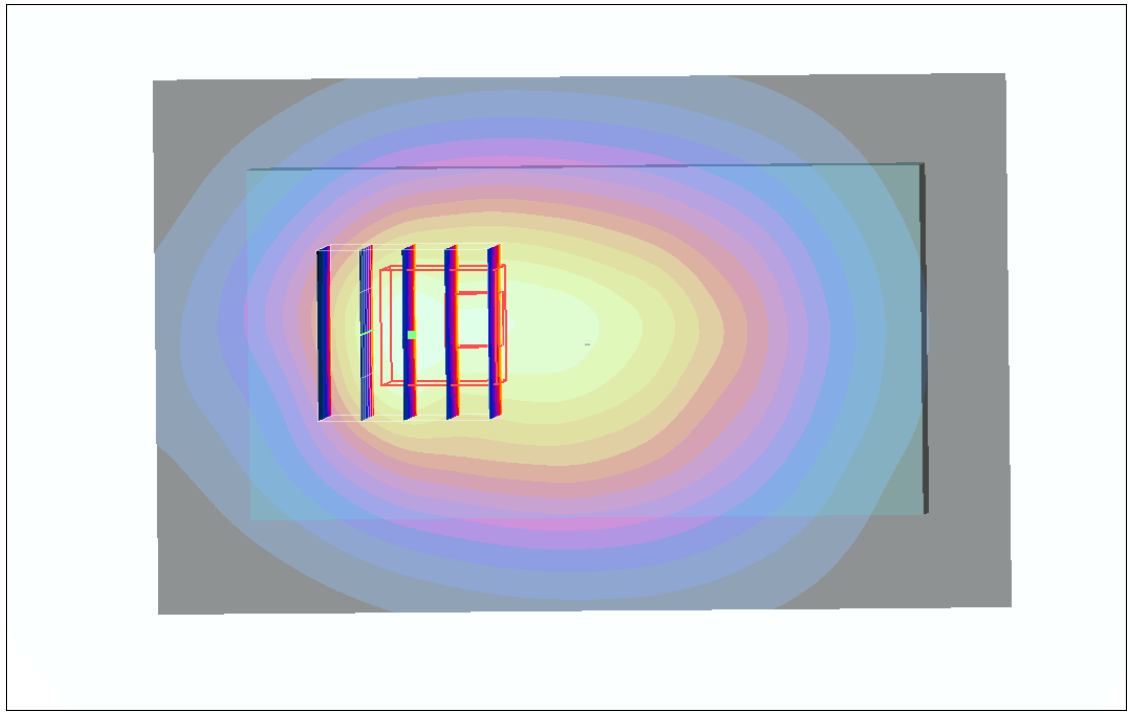
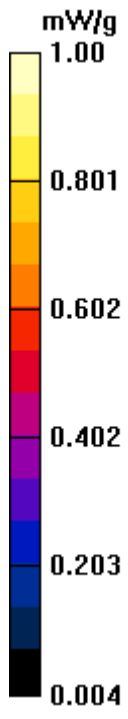
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 824.2$  MHz;  $\sigma = 0.96$   
mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (51x51x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.028 mW/g

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

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

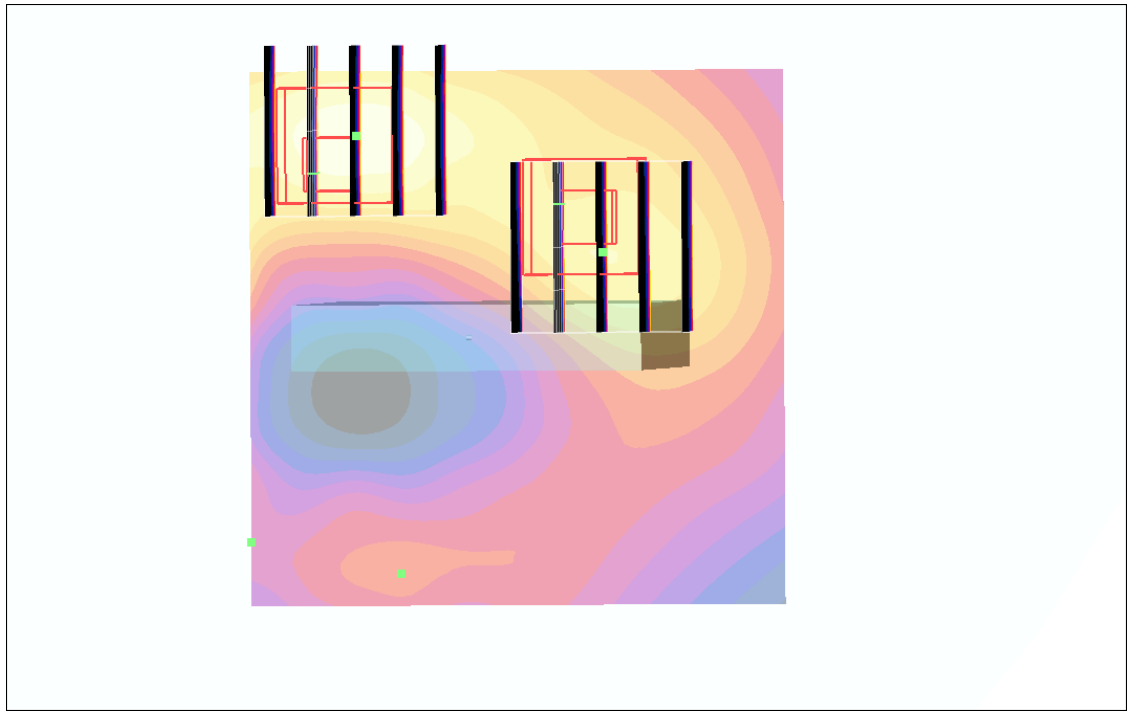
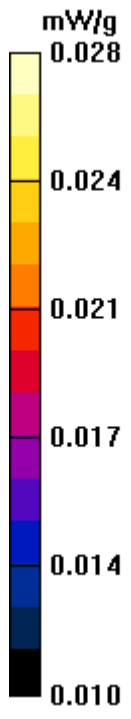
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 824.2$  MHz;  $\sigma = 0.96$   
mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (51x51x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.108 mW/g

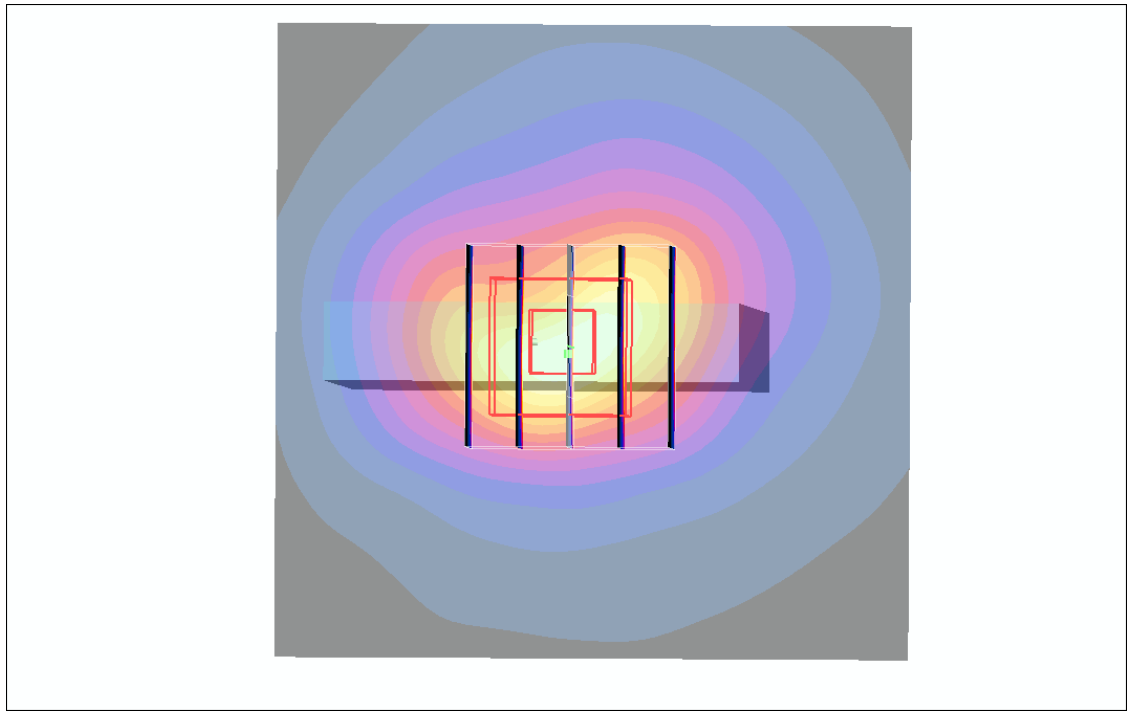
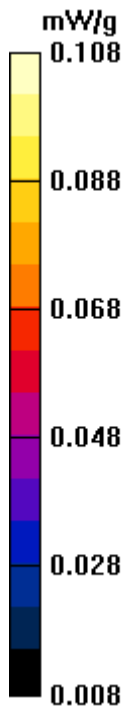
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 824.2$  MHz;  $\sigma = 0.96$   
mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (31x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.485 mW/g

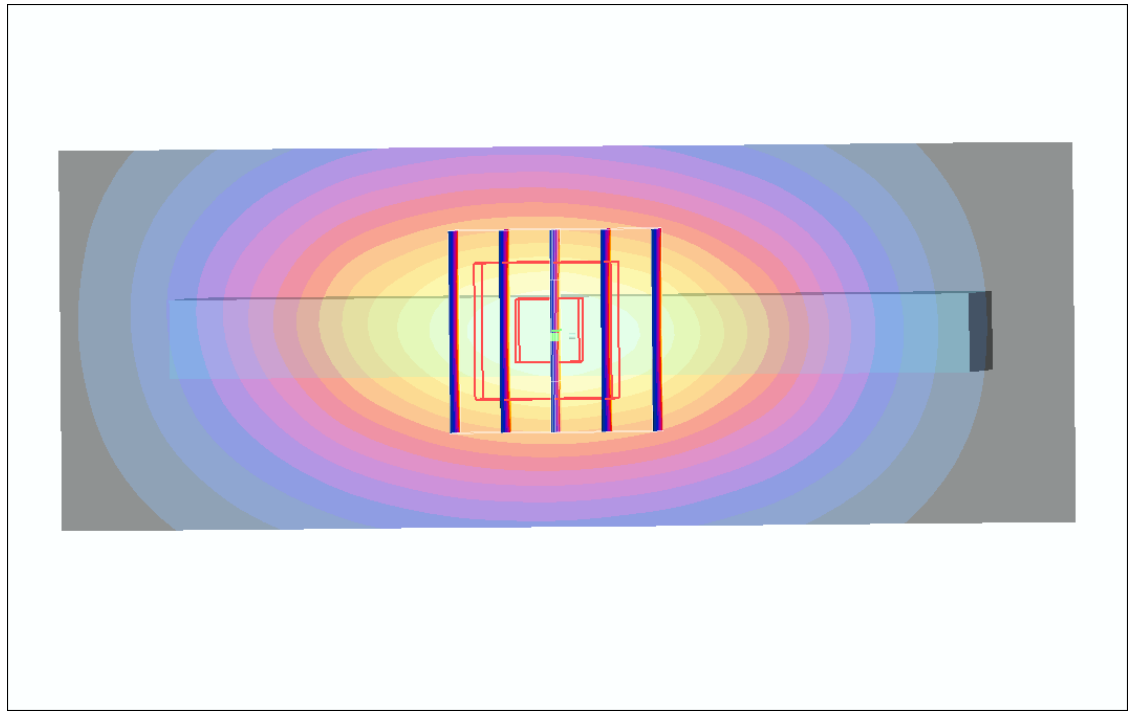
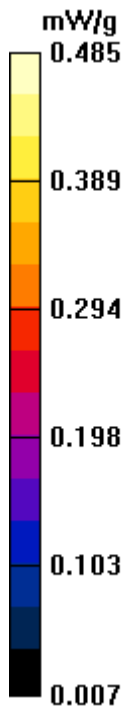
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 824.2$  MHz;  $\sigma = 0.96$   
mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (31x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.492 mW/g

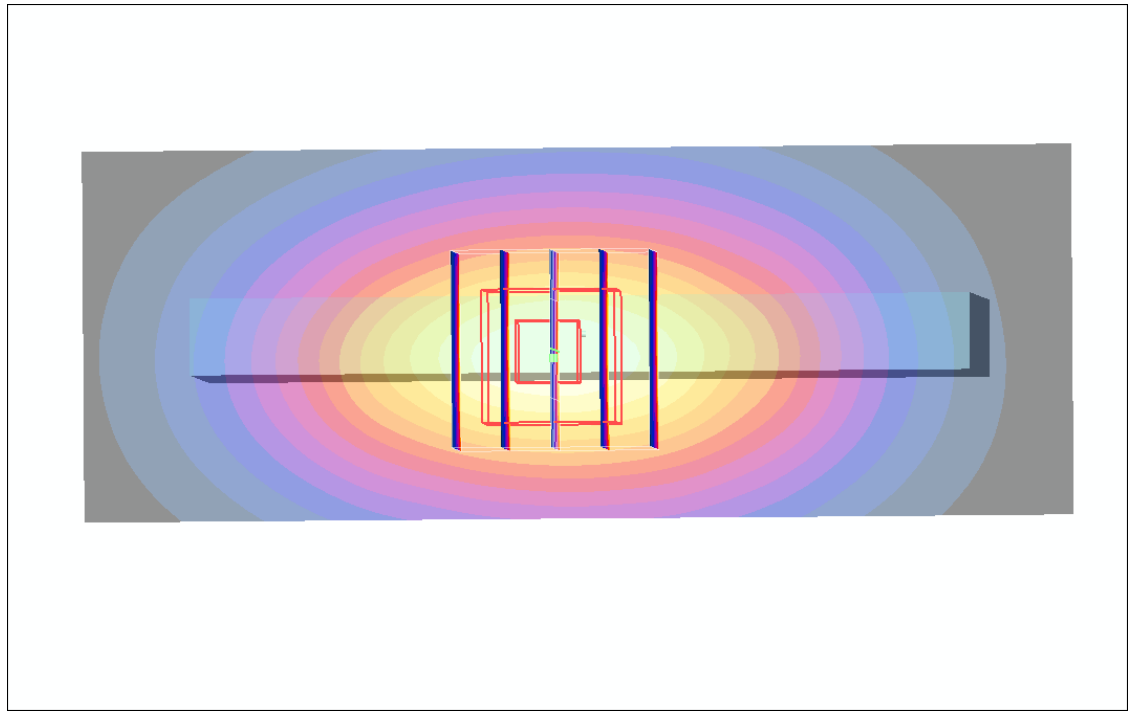
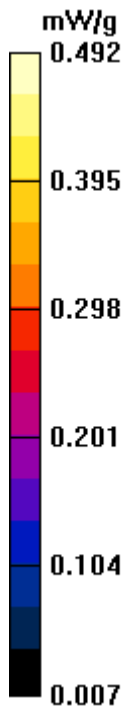
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 836.4$  MHz;  $\sigma = 0.974$   
mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

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

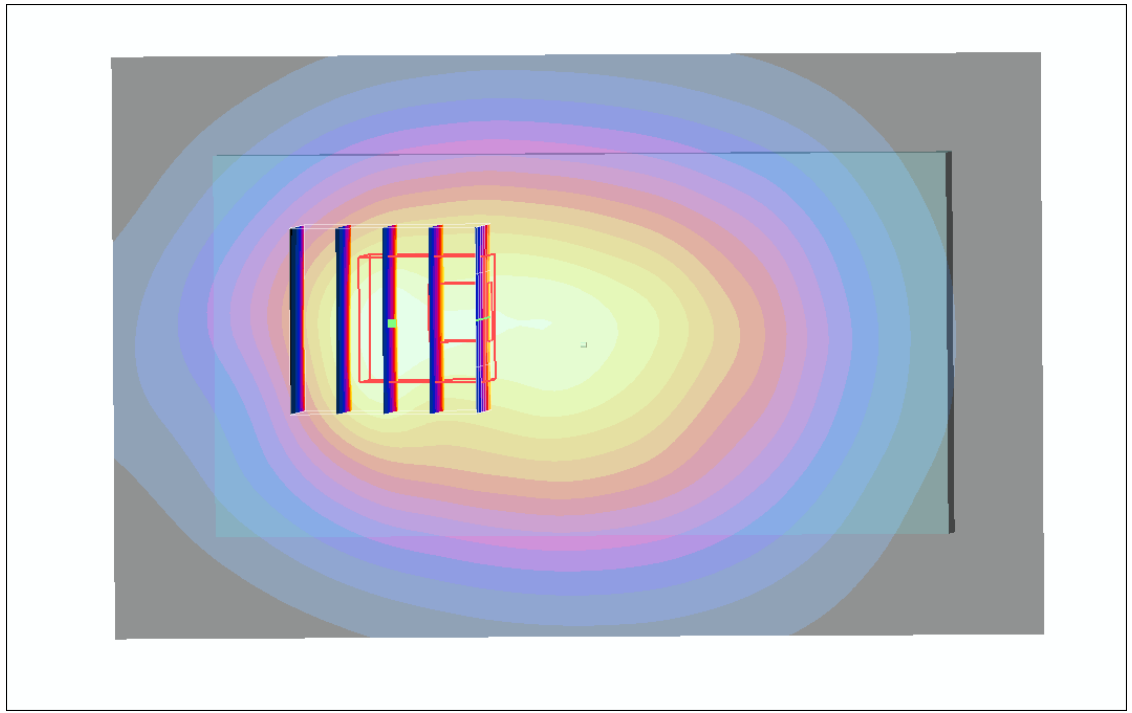
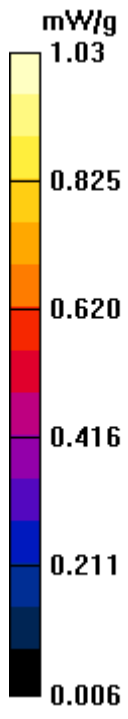
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/m<sup>3</sup>

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

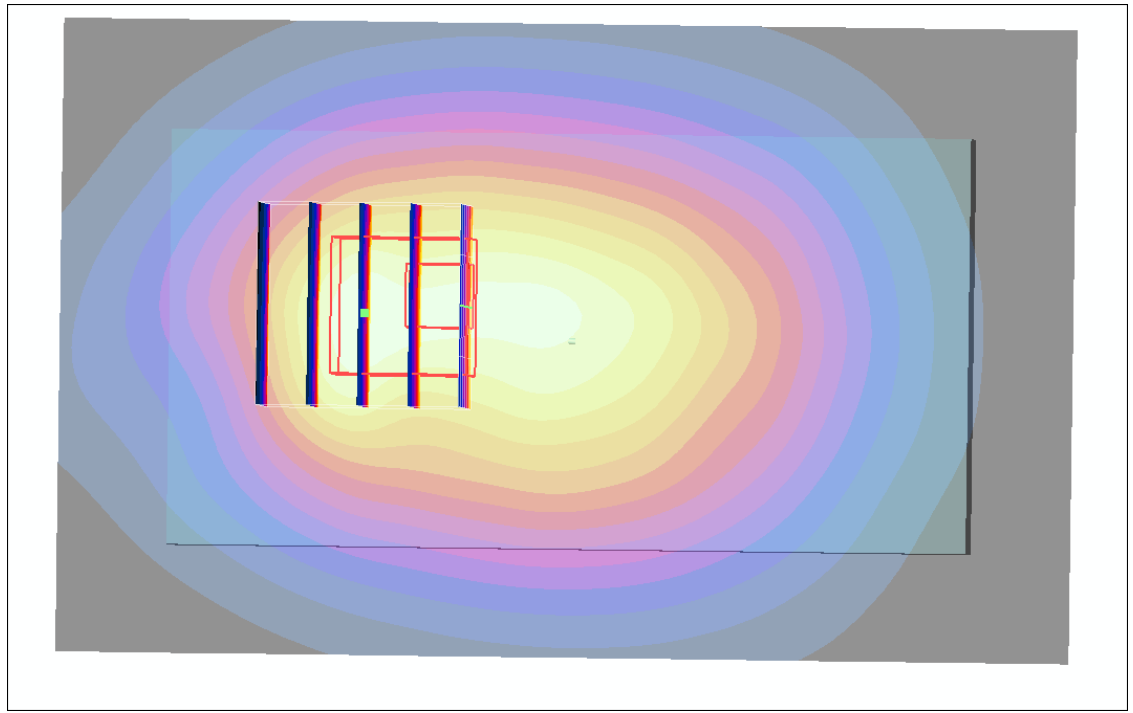
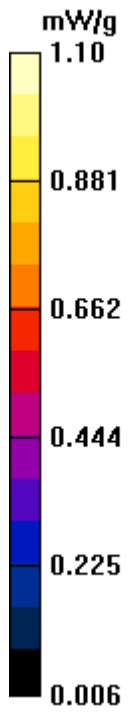
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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 :  $f = 824.2$  MHz;  $\sigma = 0.96$   
mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.02 mW/g

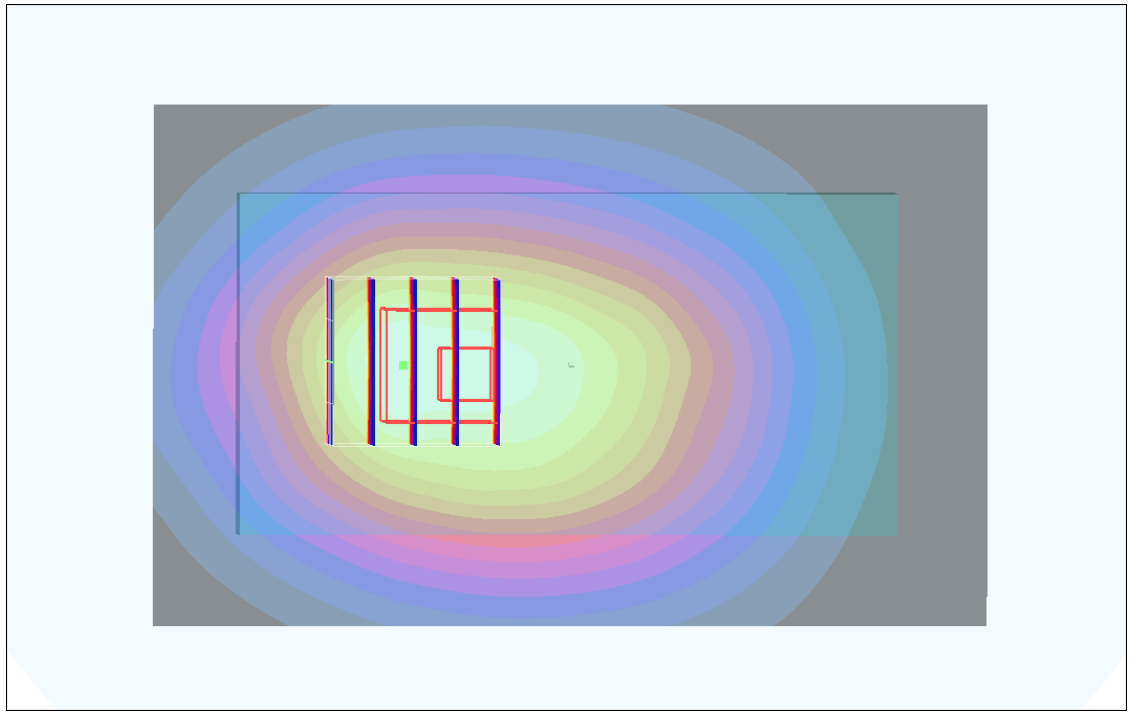
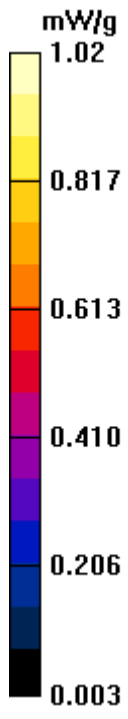
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

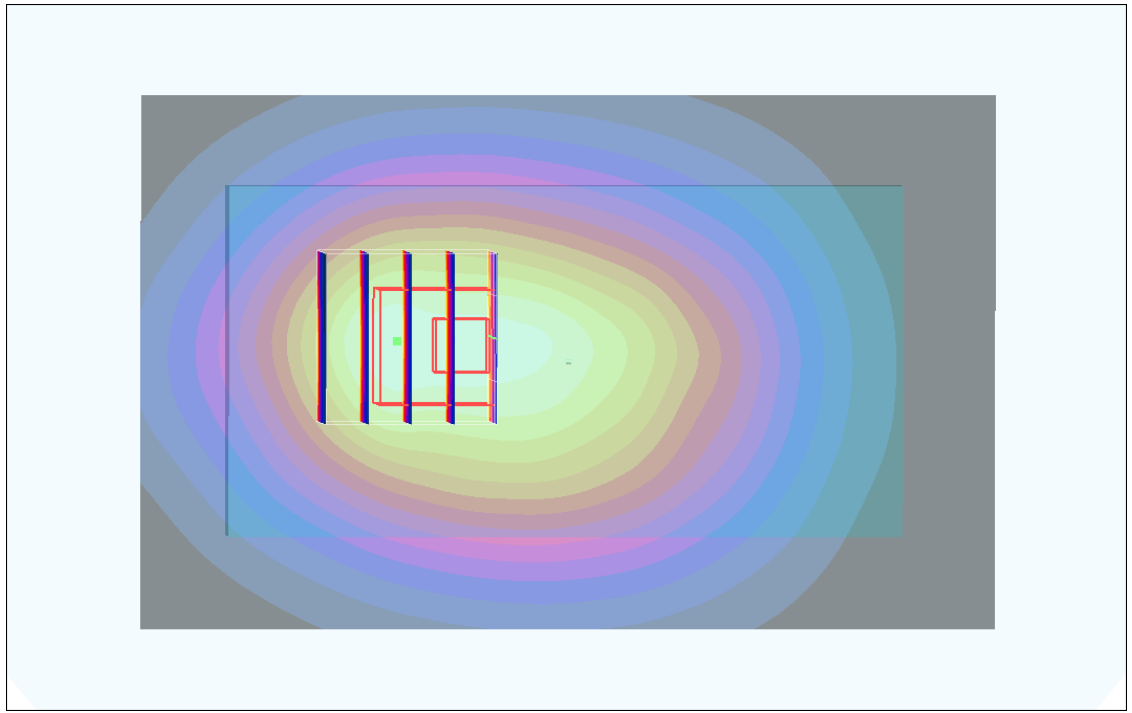
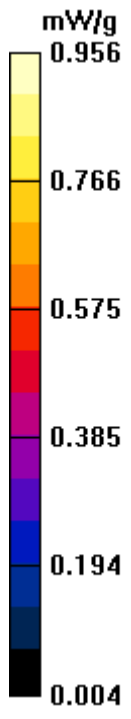
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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 :  $f = 824.2$  MHz;  $\sigma = 0.96$   
mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 1.11 mW/g

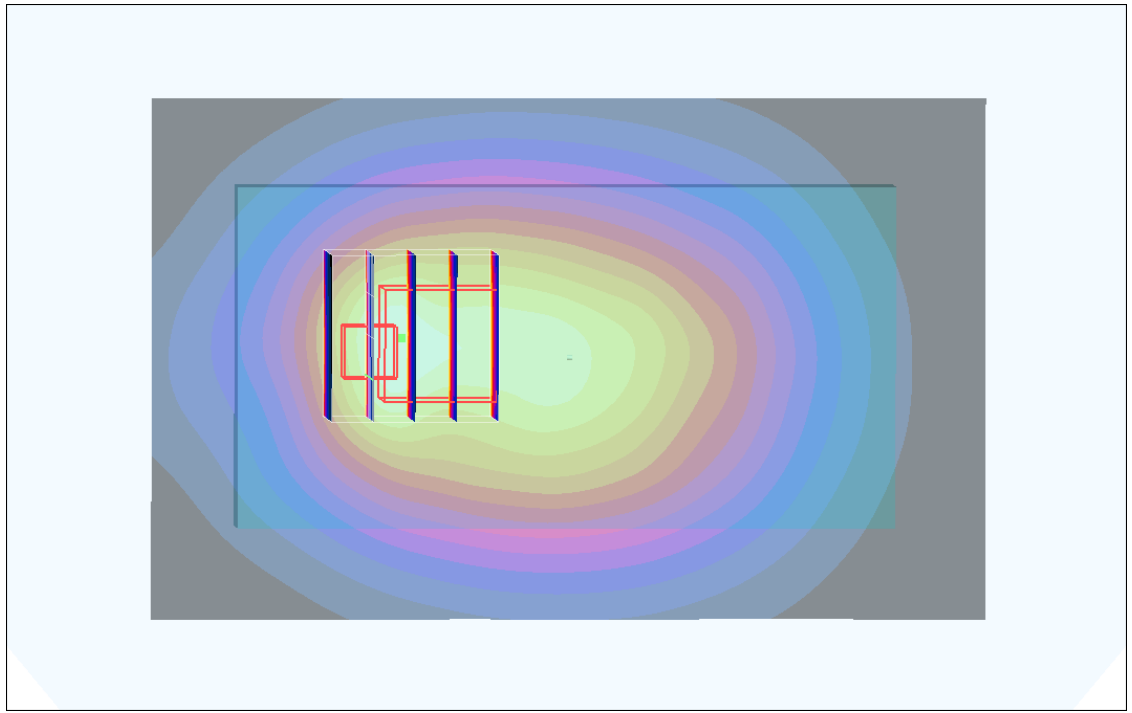
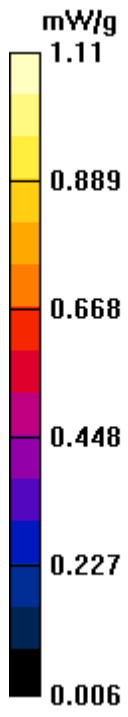
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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 :  $f = 836.4$  MHz;  $\sigma = 0.974$   
mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.04 mW/g

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

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

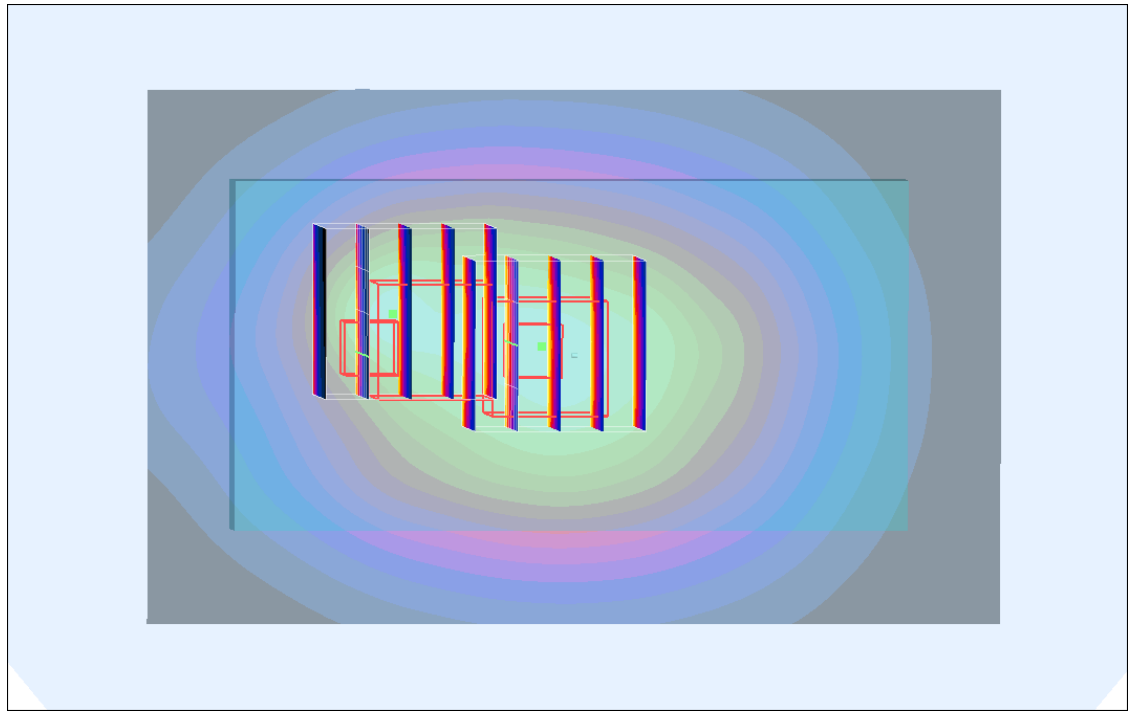
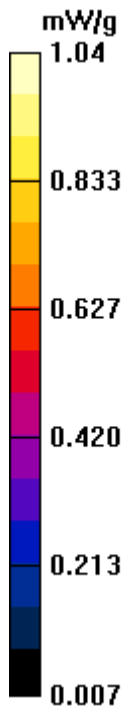
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 :  $f = 836.4$  MHz;  $\sigma = 0.974$   
mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm

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

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

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=8mm, dy=8mm, dz=5mm

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

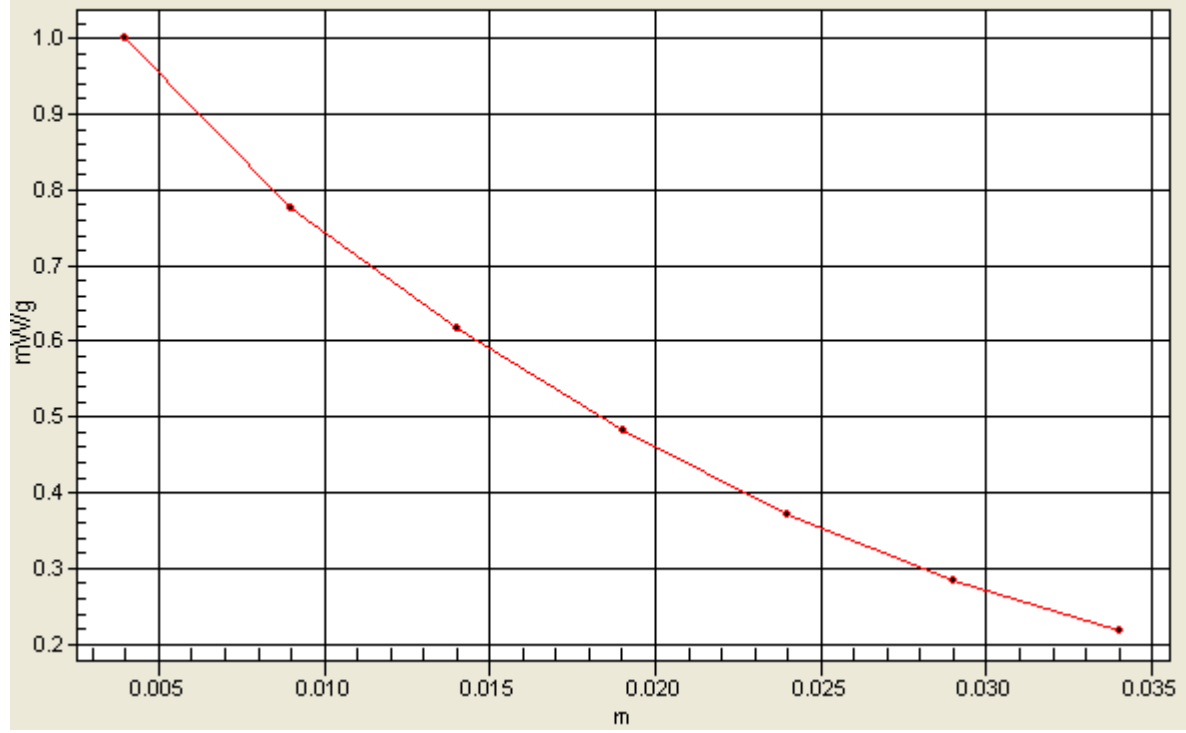
Peak SAR (extrapolated) = 1.54 W/kg

**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 :  $f = 836.4$  MHz;  $\sigma = 0.974$   
mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

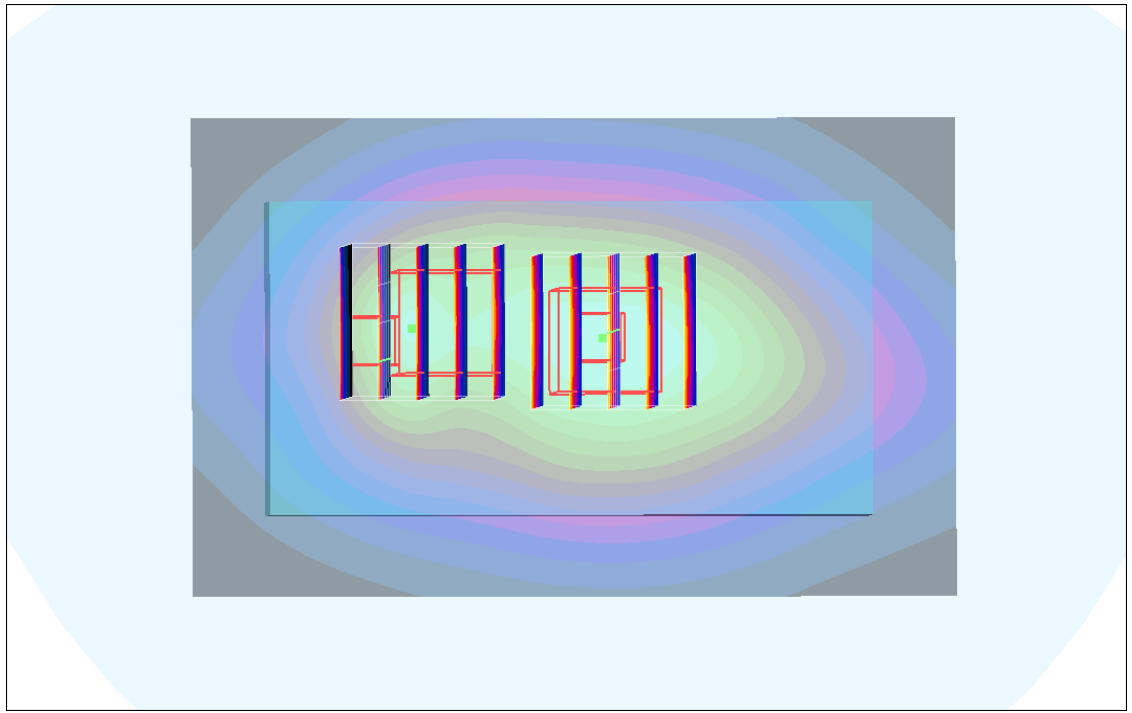
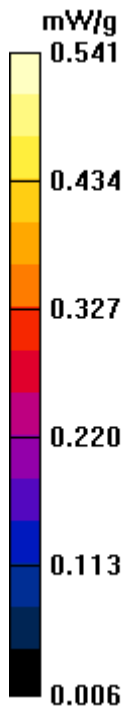
DASY4 Configuration:

- 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

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

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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=8mm, dy=8mm, dz=5mm  
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 :  $f = 836.4$  MHz;  $\sigma = 0.974$   
mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.802 mW/g

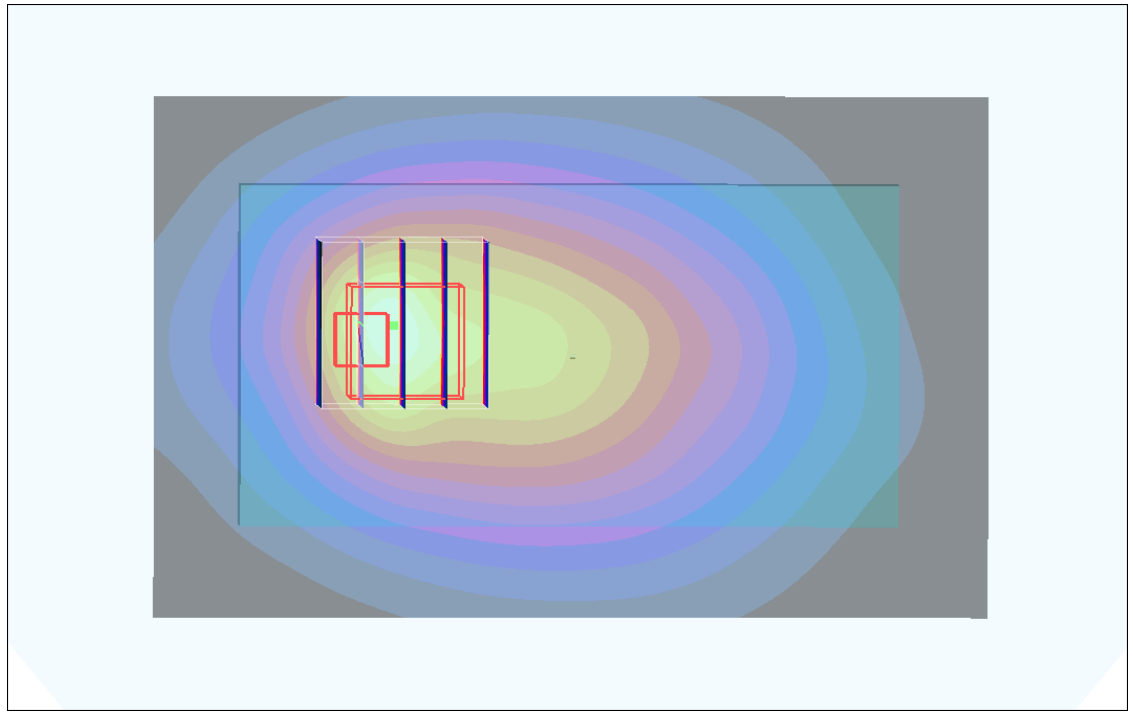
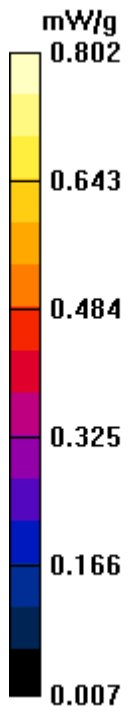
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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 :  $f = 836.4$  MHz;  $\sigma = 0.974$   
mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.682 mW/g

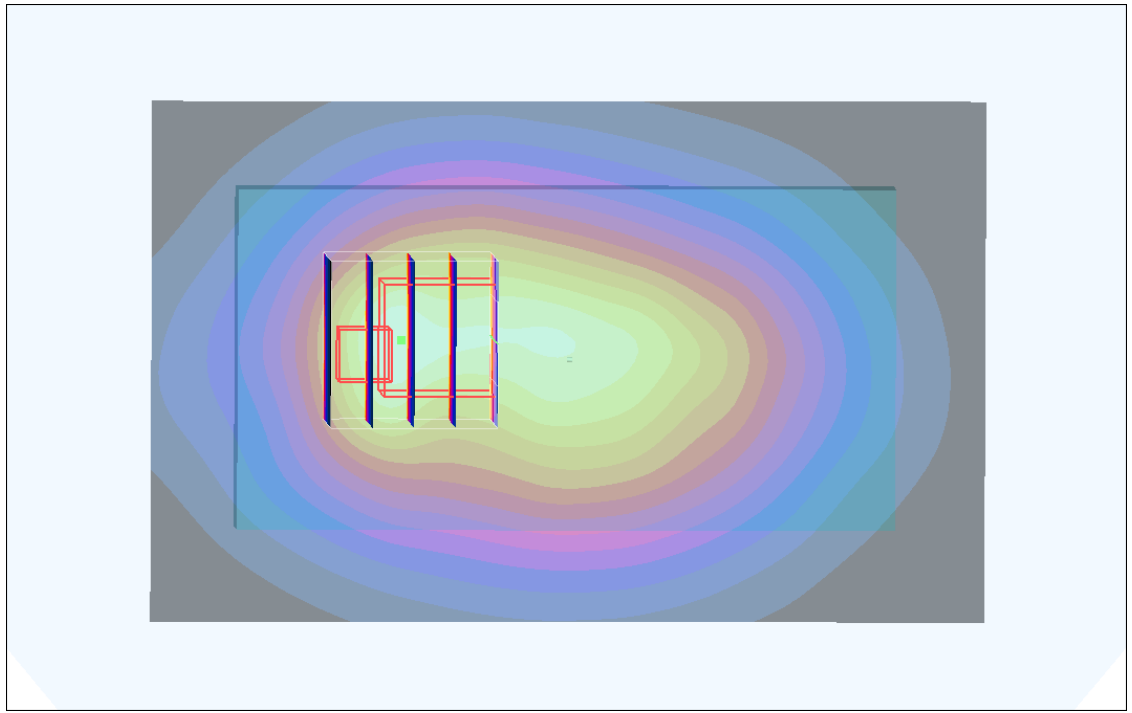
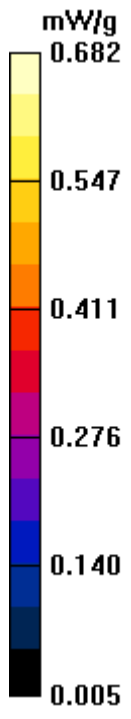
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

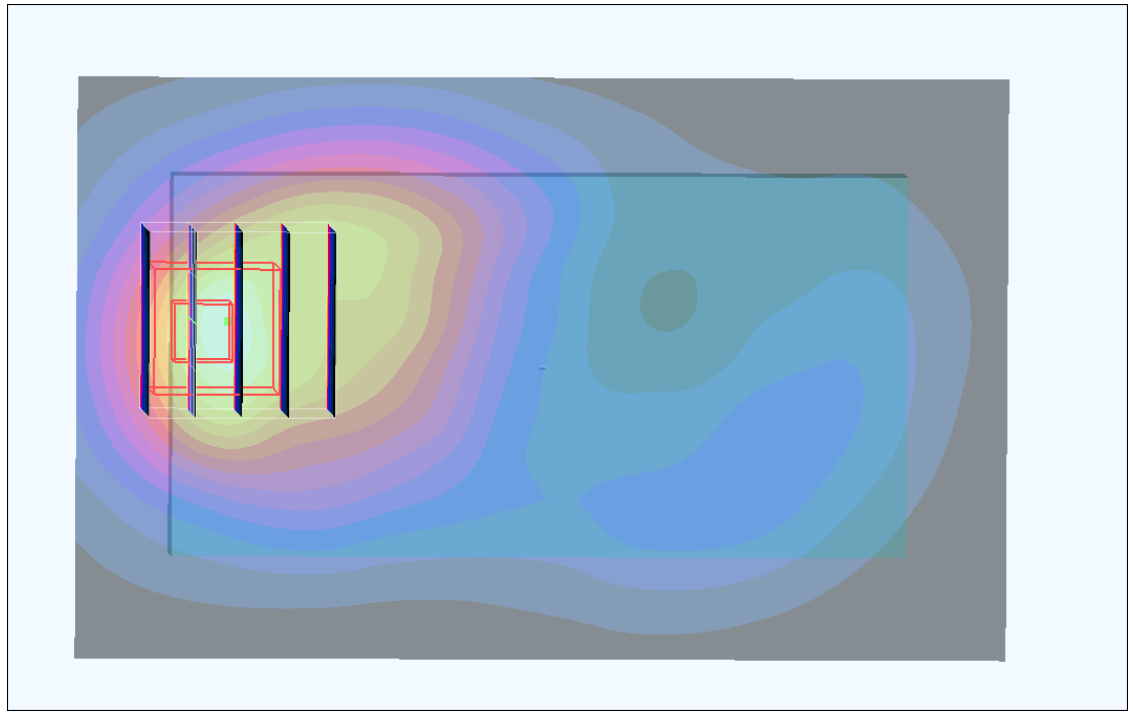
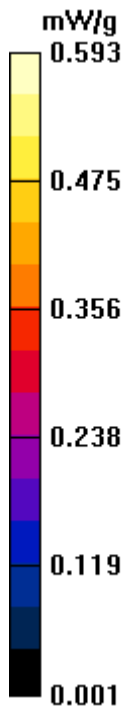
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

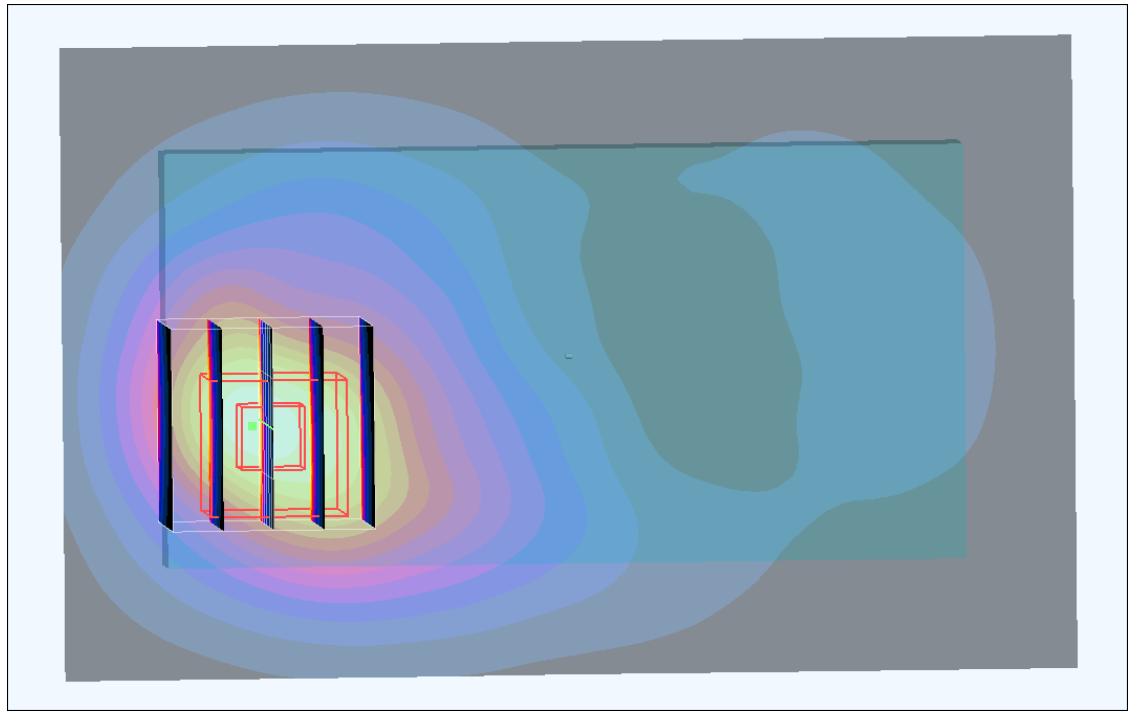
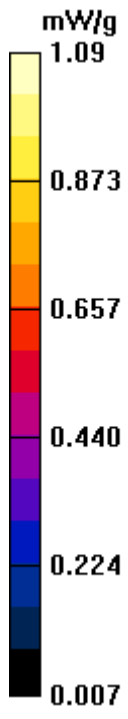
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/m<sup>3</sup>

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

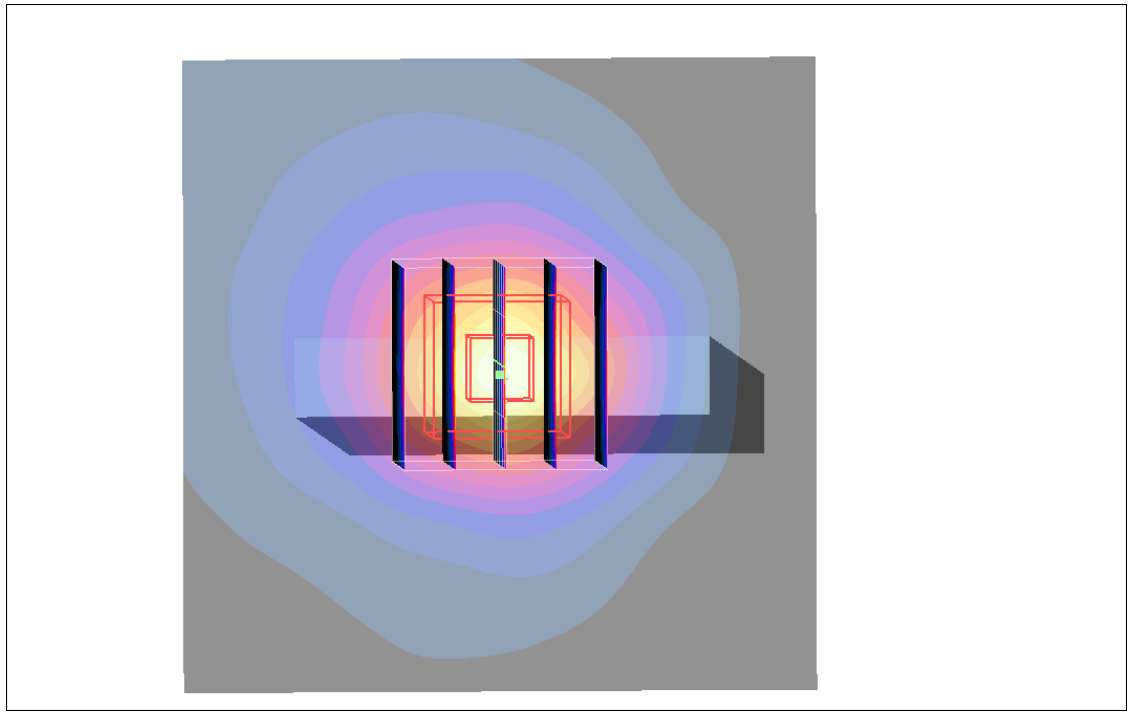
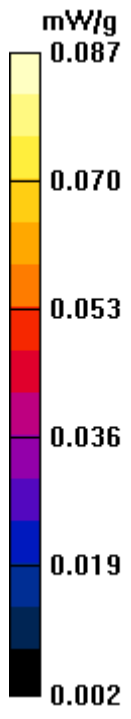
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/m<sup>3</sup>

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

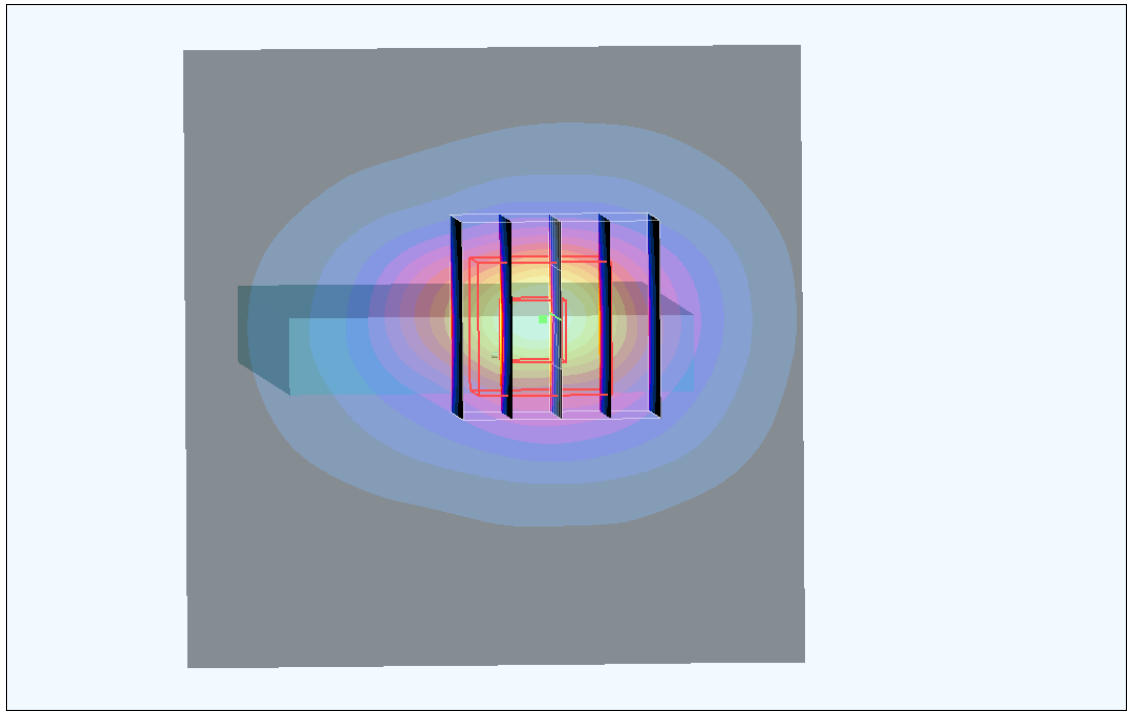
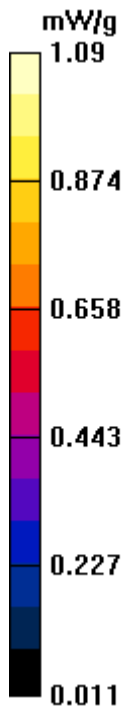
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/m<sup>3</sup>

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

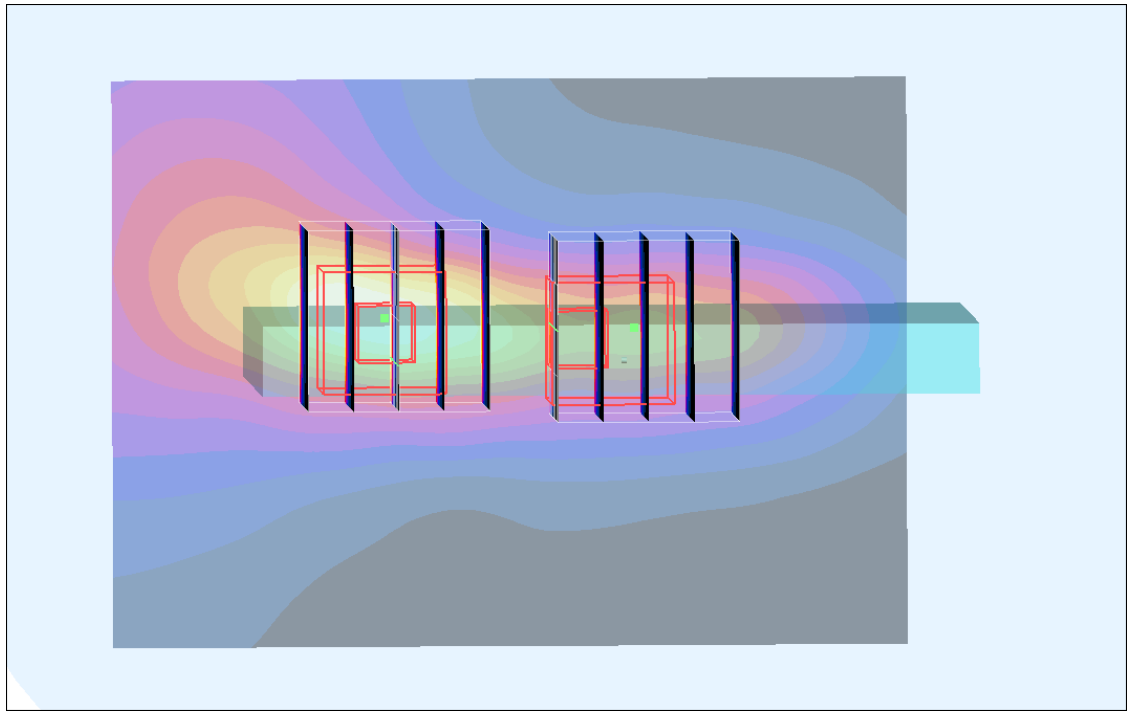
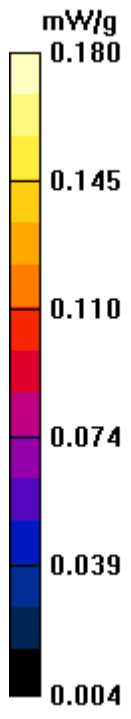
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/m<sup>3</sup>

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

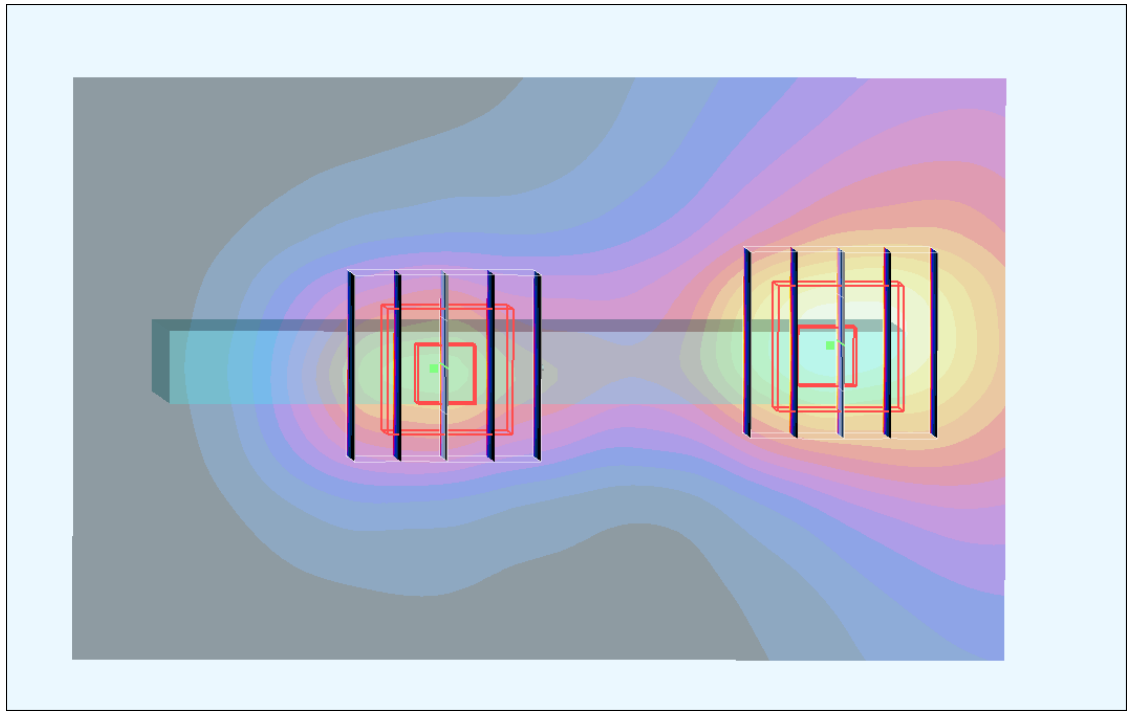
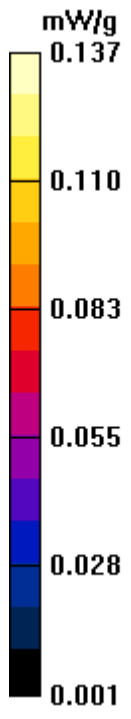
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/m<sup>3</sup>

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

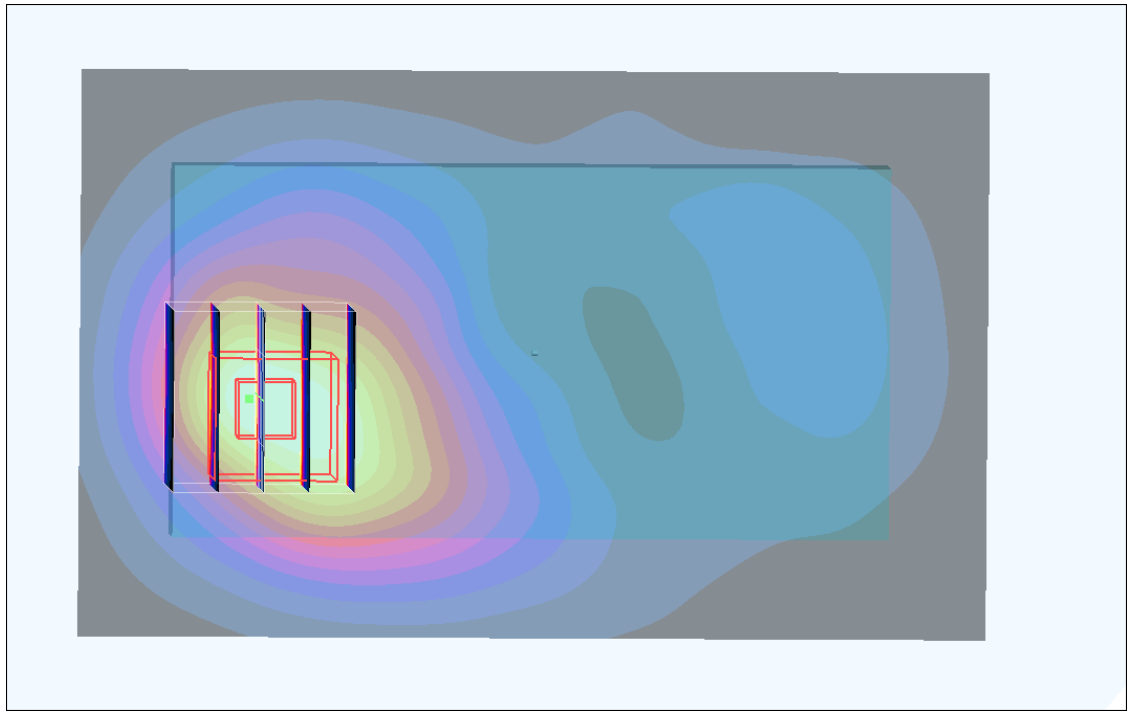
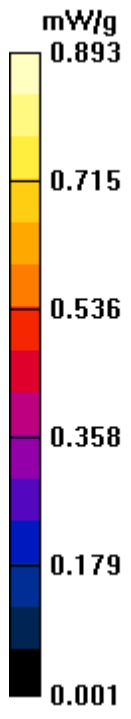
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

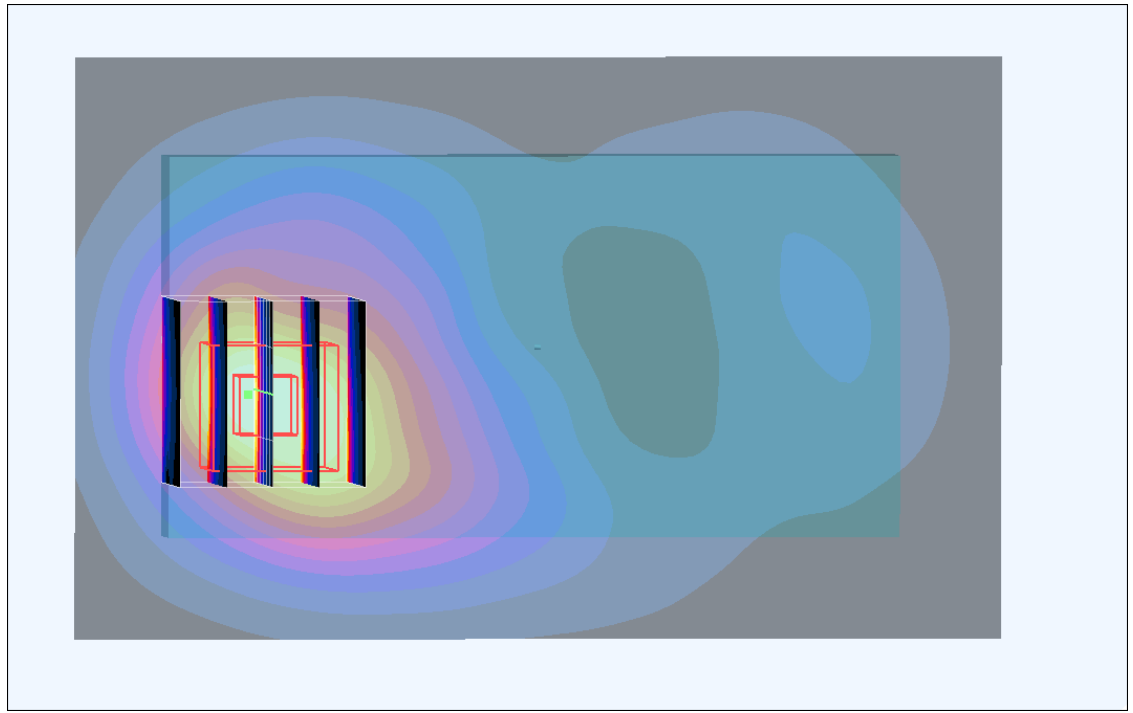
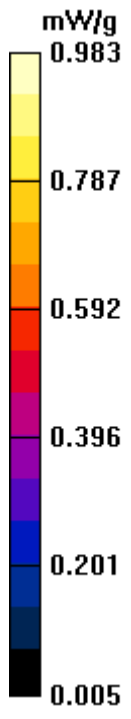
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 1850.2$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (51x51x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.954 mW/g

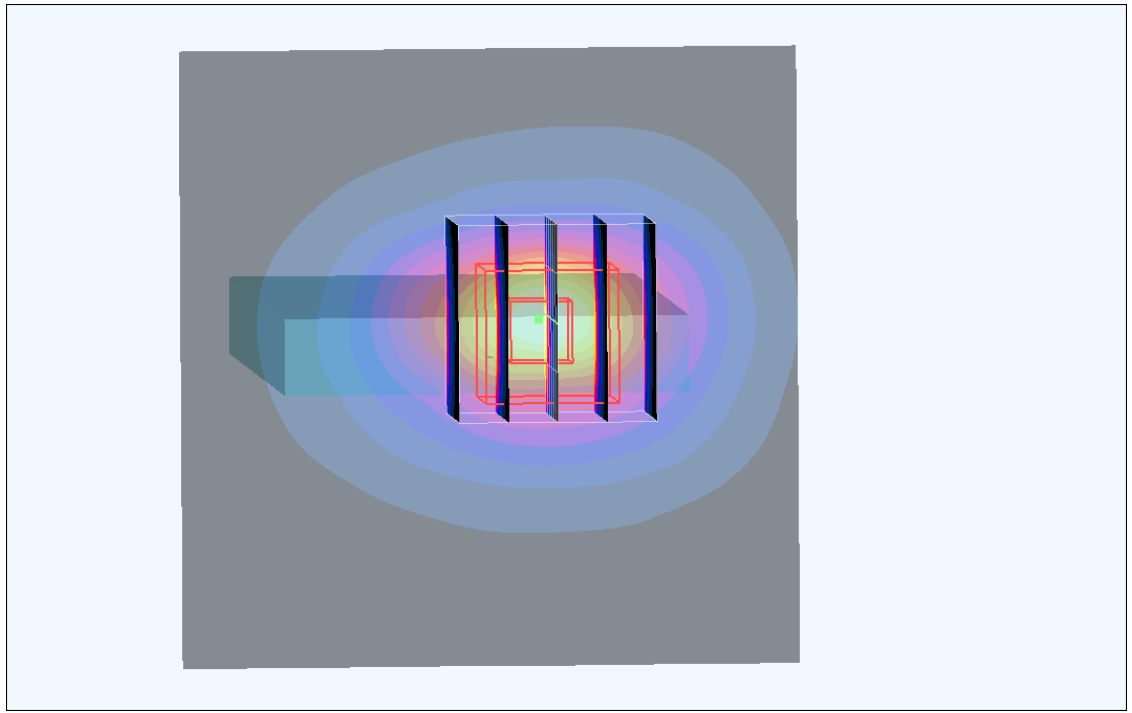
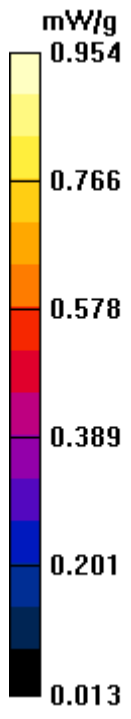
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Ch661/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.972 mW/g

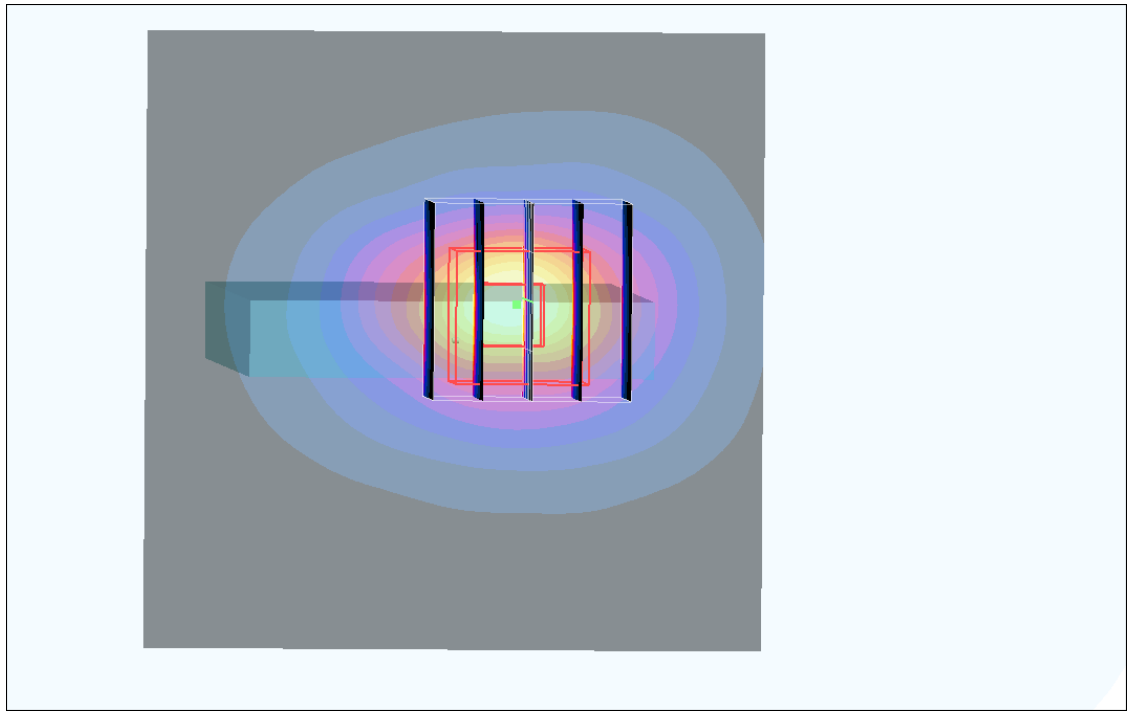
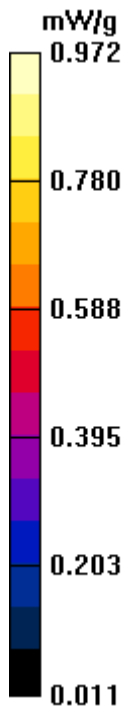
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/m<sup>3</sup>

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

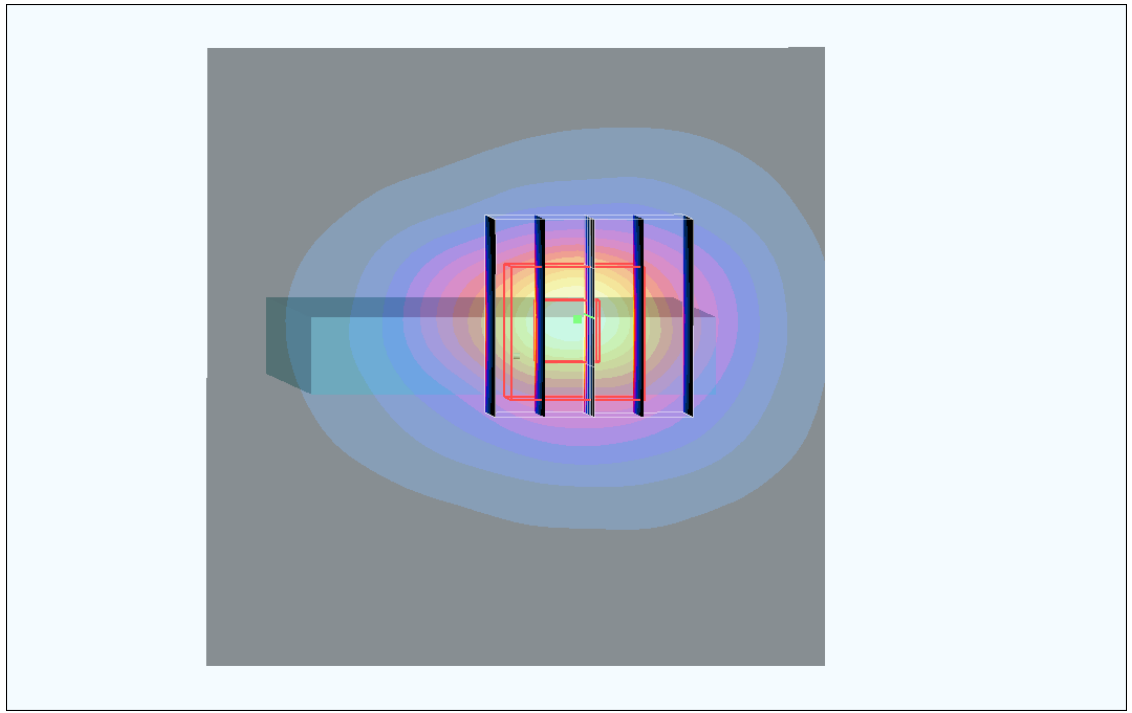
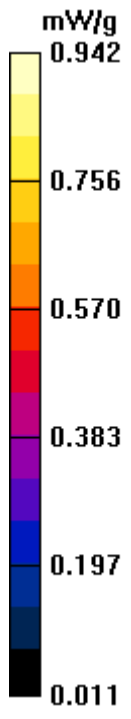
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

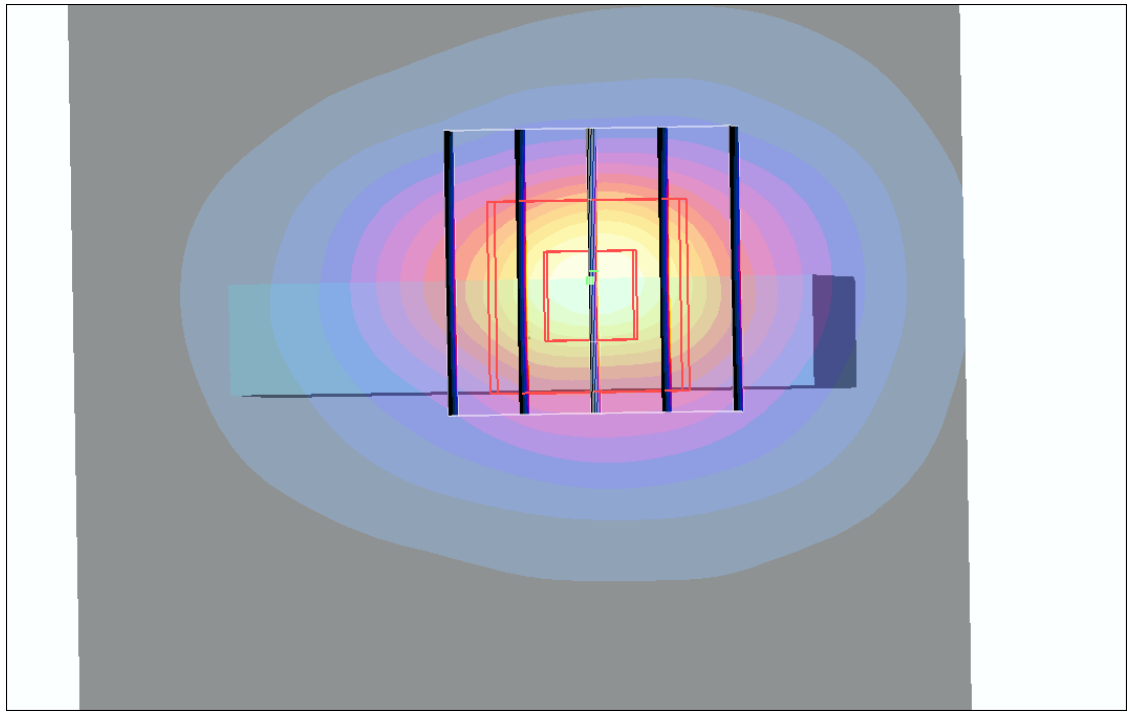
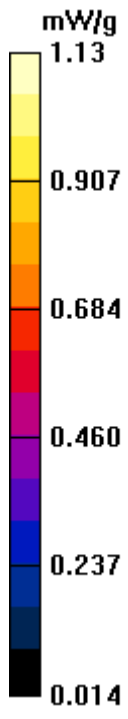
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

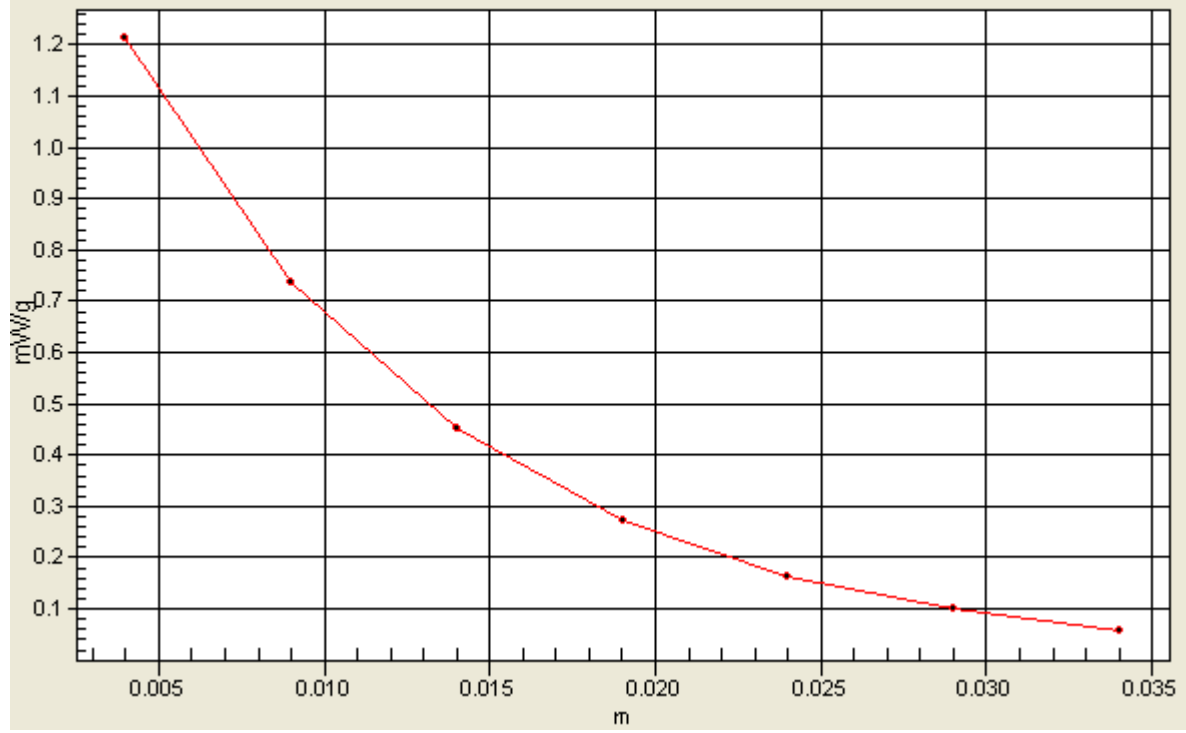
Peak SAR (extrapolated) = 1.99 W/kg

**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:  $f = 1850.2$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Ch512/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

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

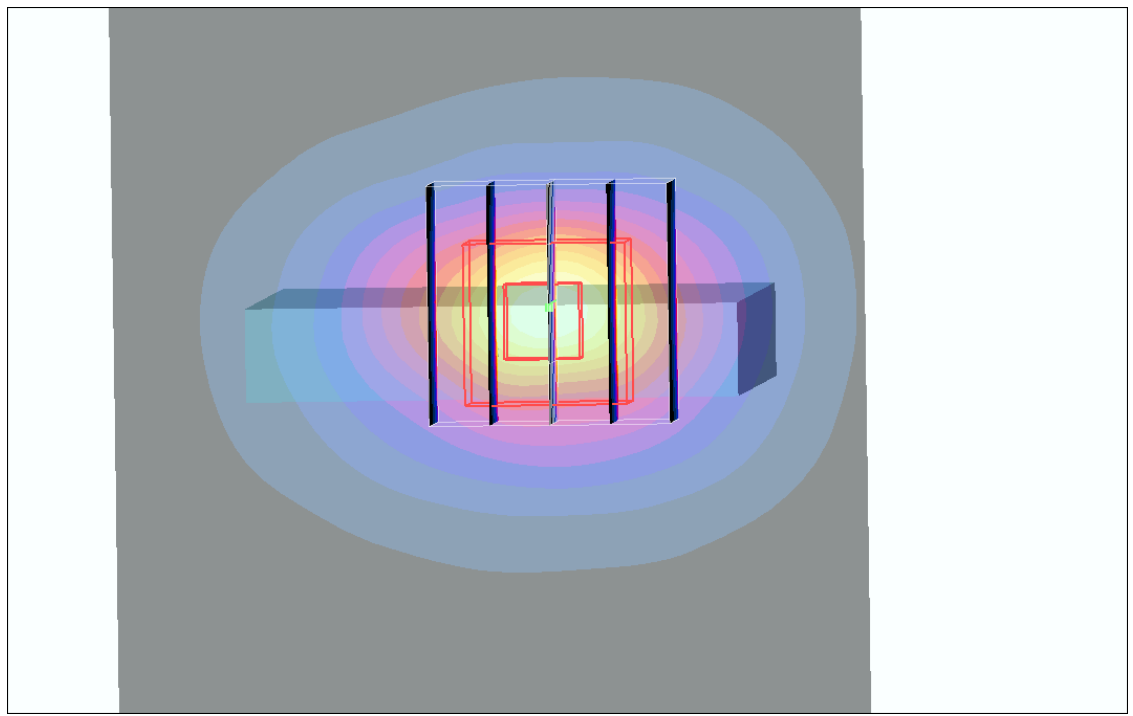
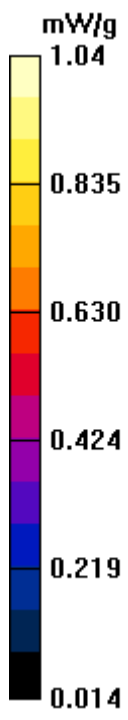
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (51x51x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.05 mW/g

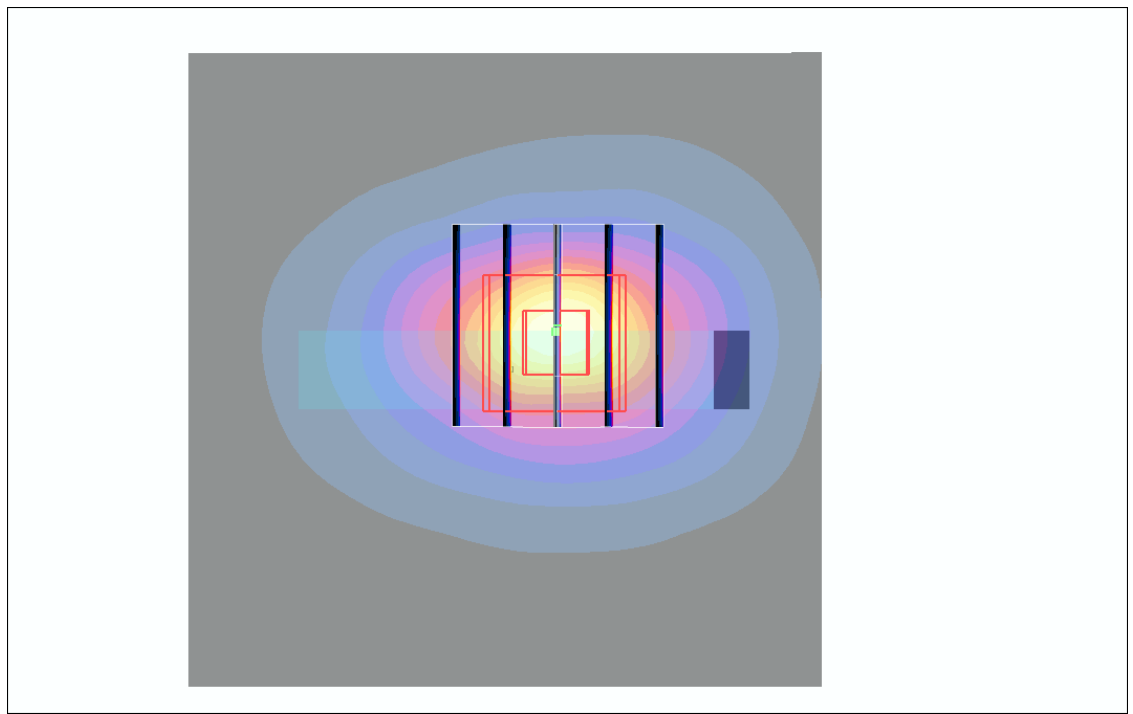
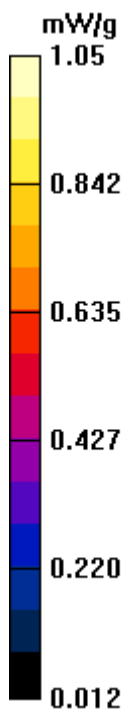
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1910$  MHz;  $\sigma = 1.55$   
mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 1.12 mW/g

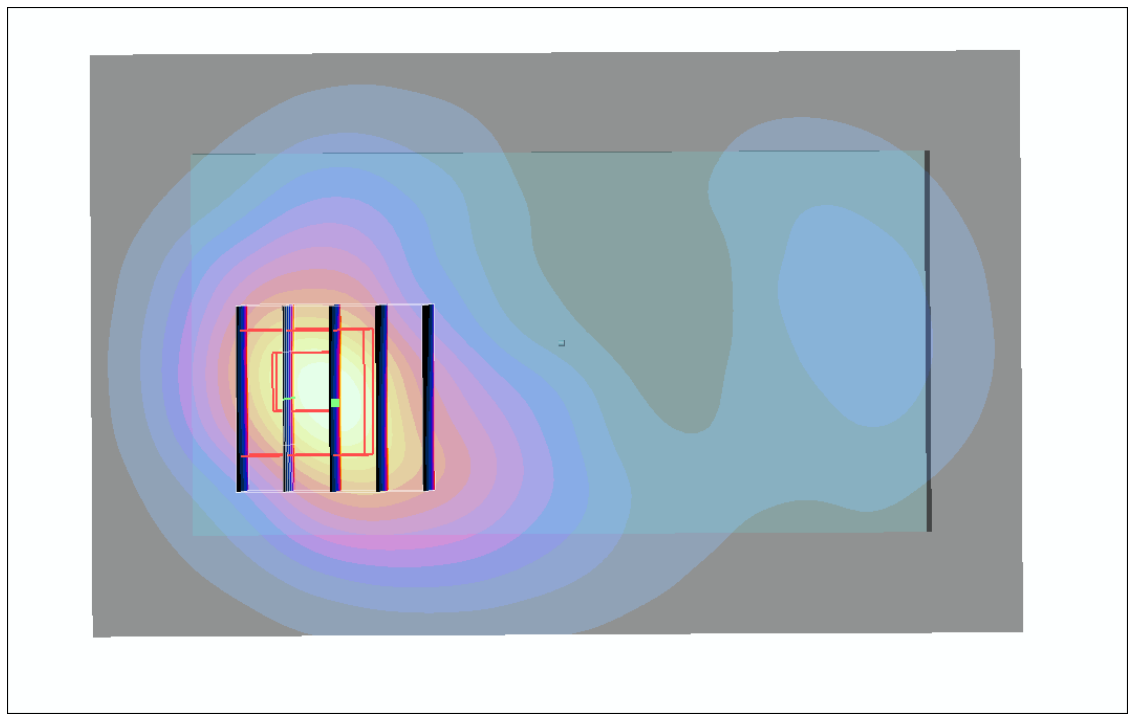
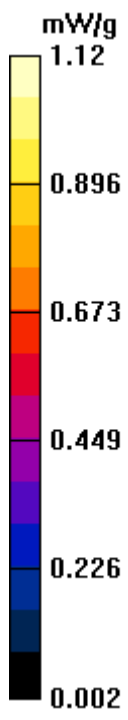
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

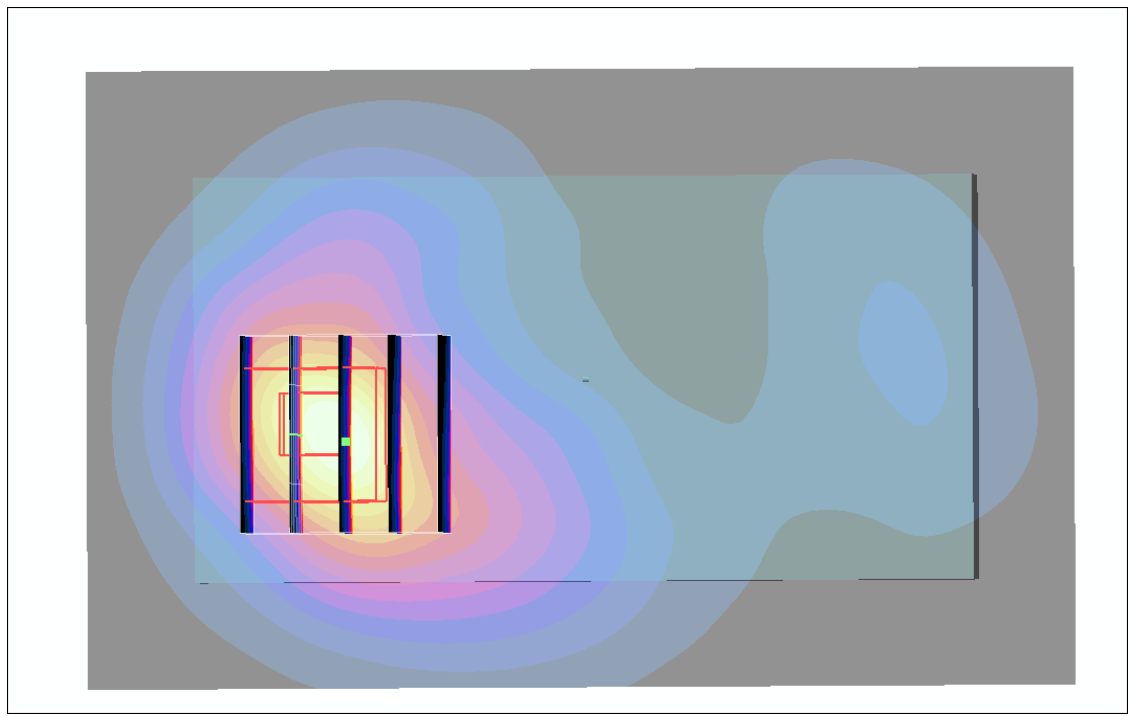
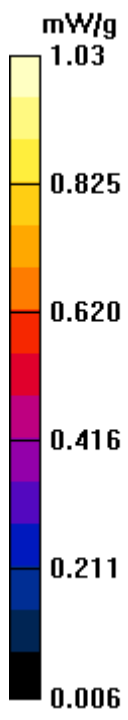
Ambient Temperature : 22.0 °C; Liquid Temperature : 21.5 °C

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:  $f = 1910$  MHz;  $\sigma = 1.55$   
mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 1.11 mW/g

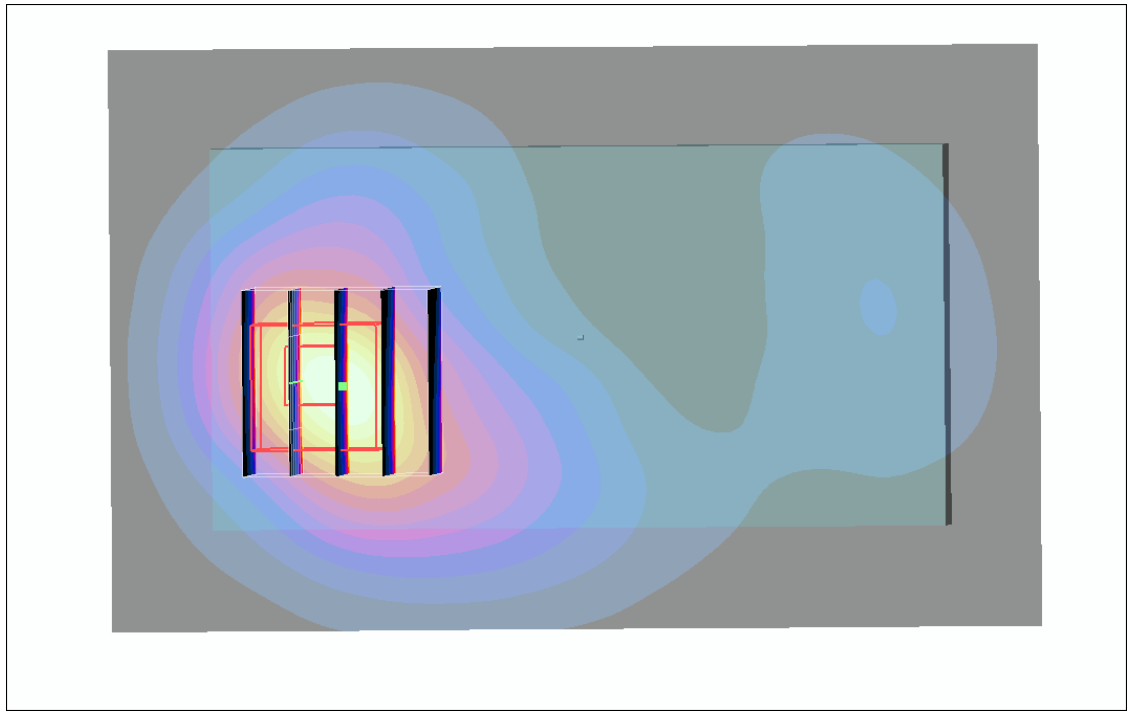
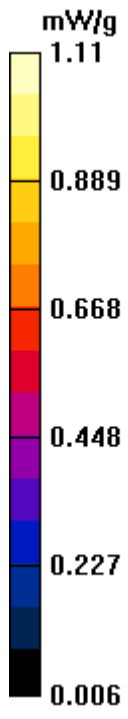
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 1850.2$  MHz;  $\sigma = 1.48$   
mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

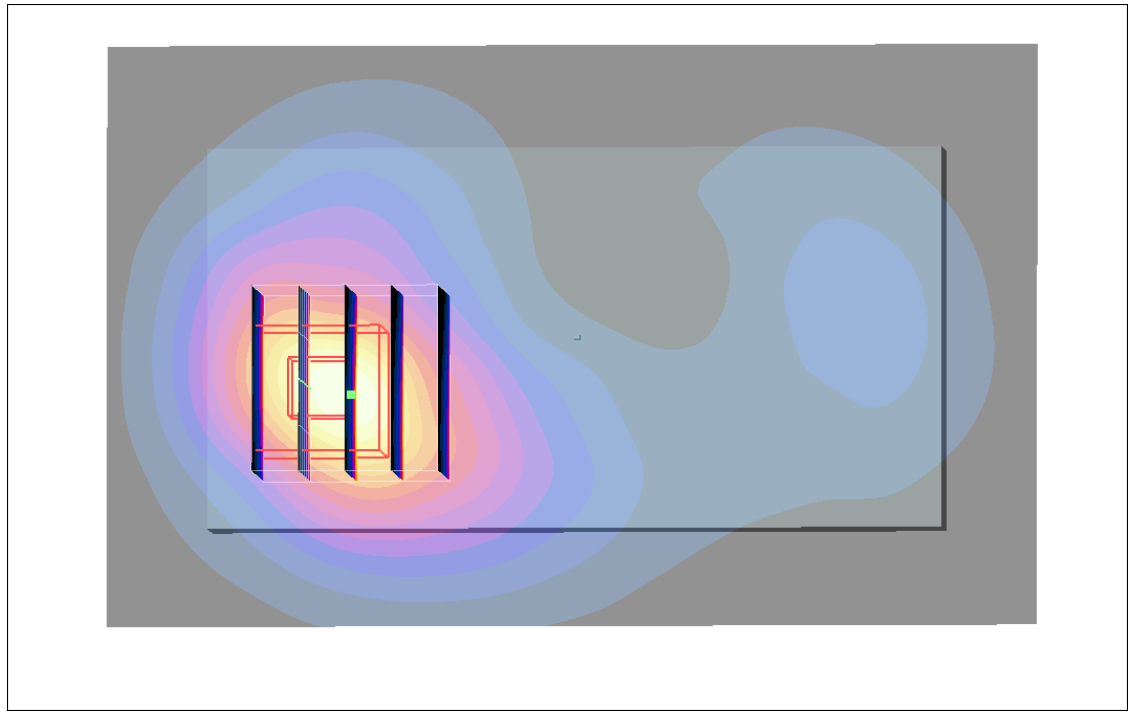
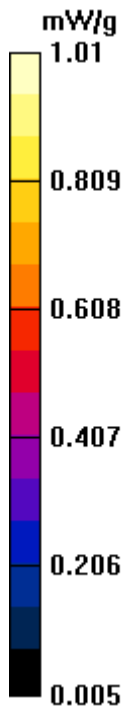
Ambient Temperature : 22.0 °C; Liquid Temperature : 21.5 °C

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

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

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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:  $f = 1880$  MHz;  $\sigma = 1.51$   
mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

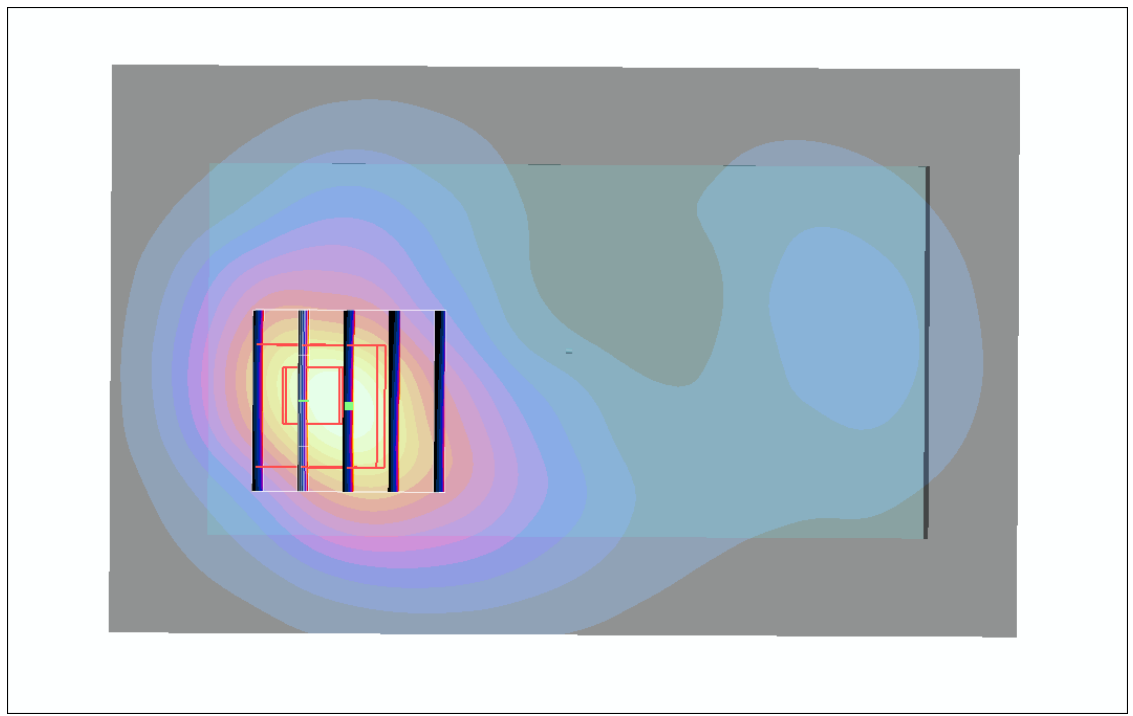
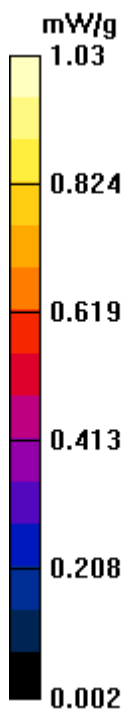
Ambient Temperature : 22.0 °C; Liquid Temperature : 21.5 °C

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) = 1.03 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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:  $f = 847$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.439 mW/g

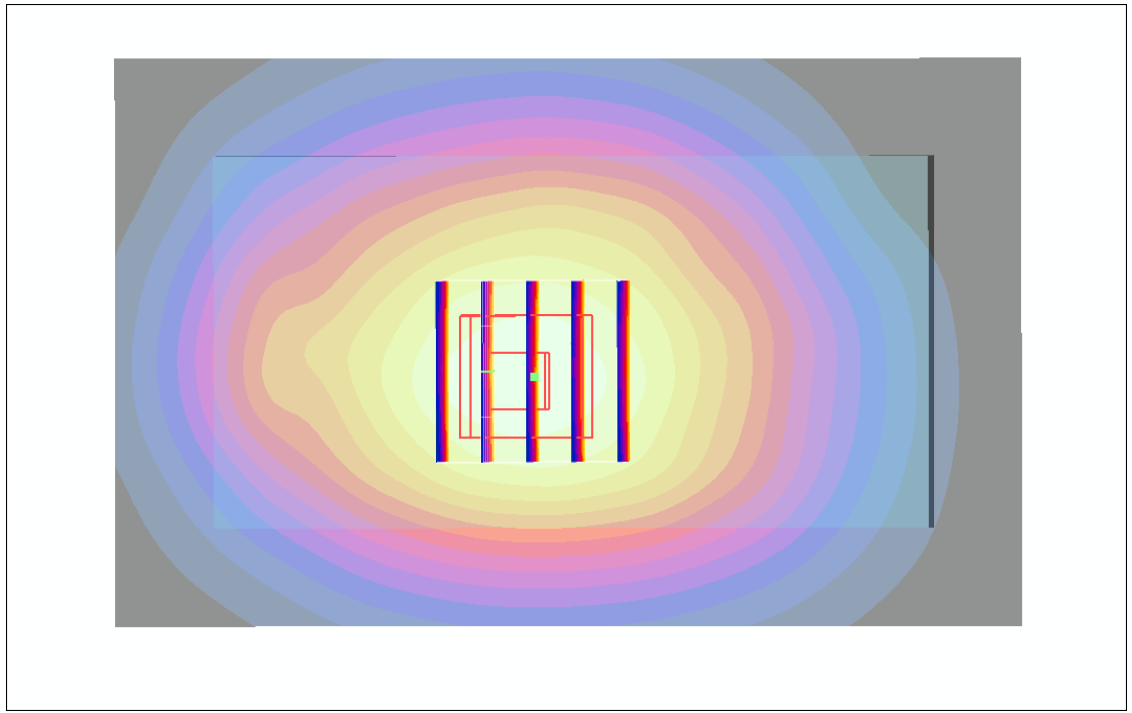
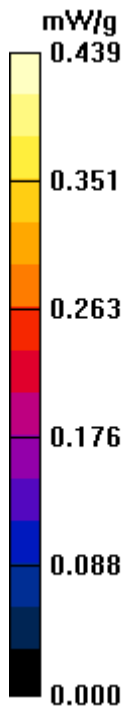
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 847$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.766 mW/g

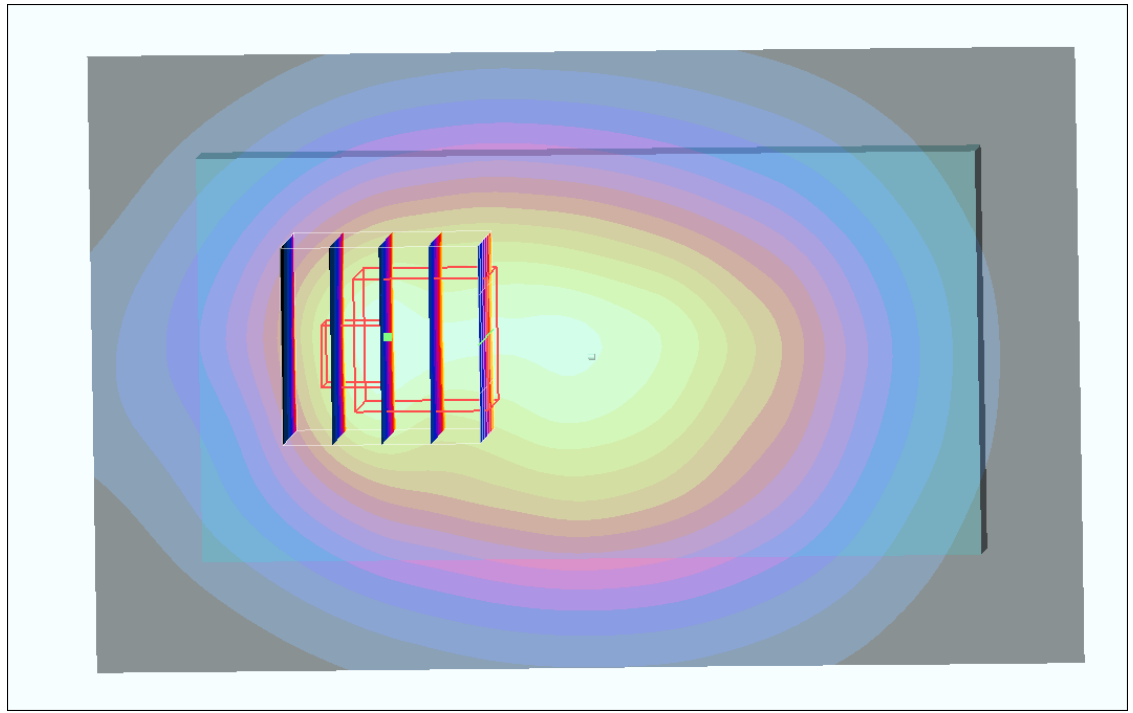
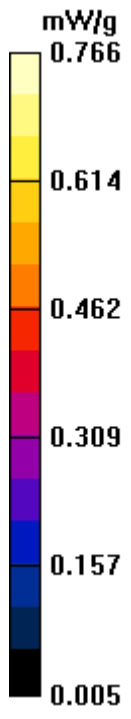
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/m<sup>3</sup>

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

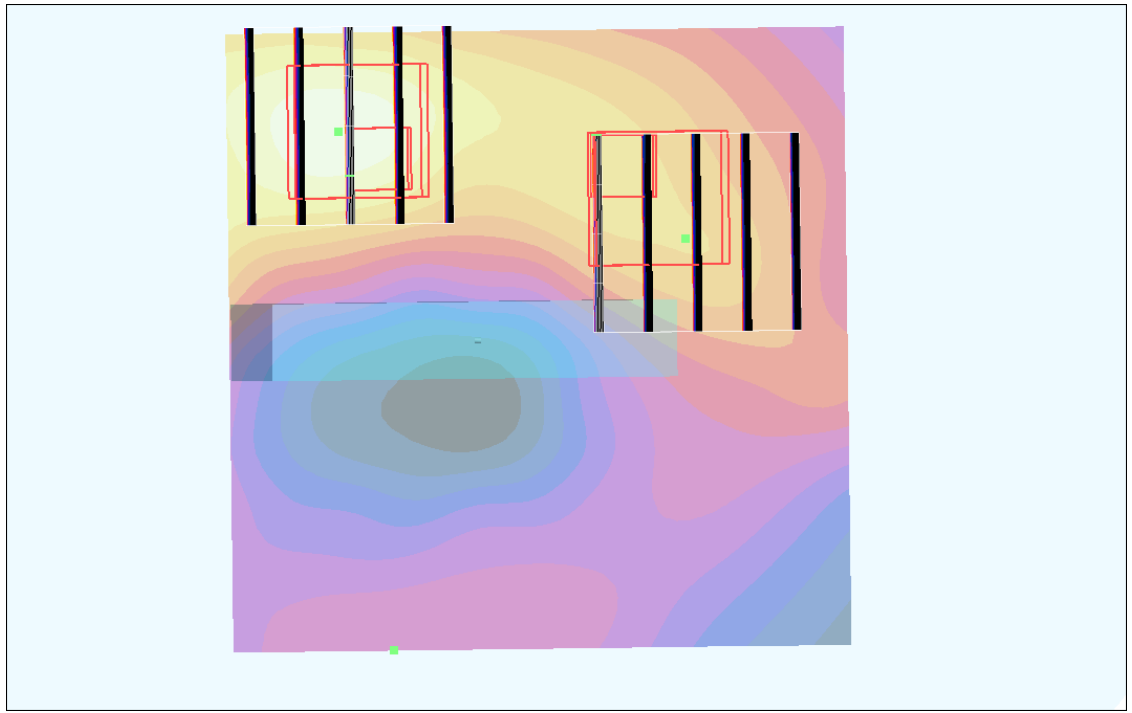
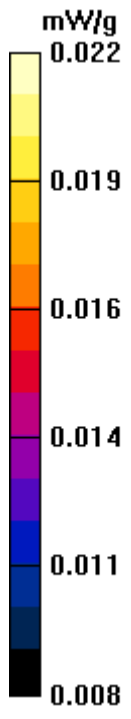
**Ch4233/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/m<sup>3</sup>

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

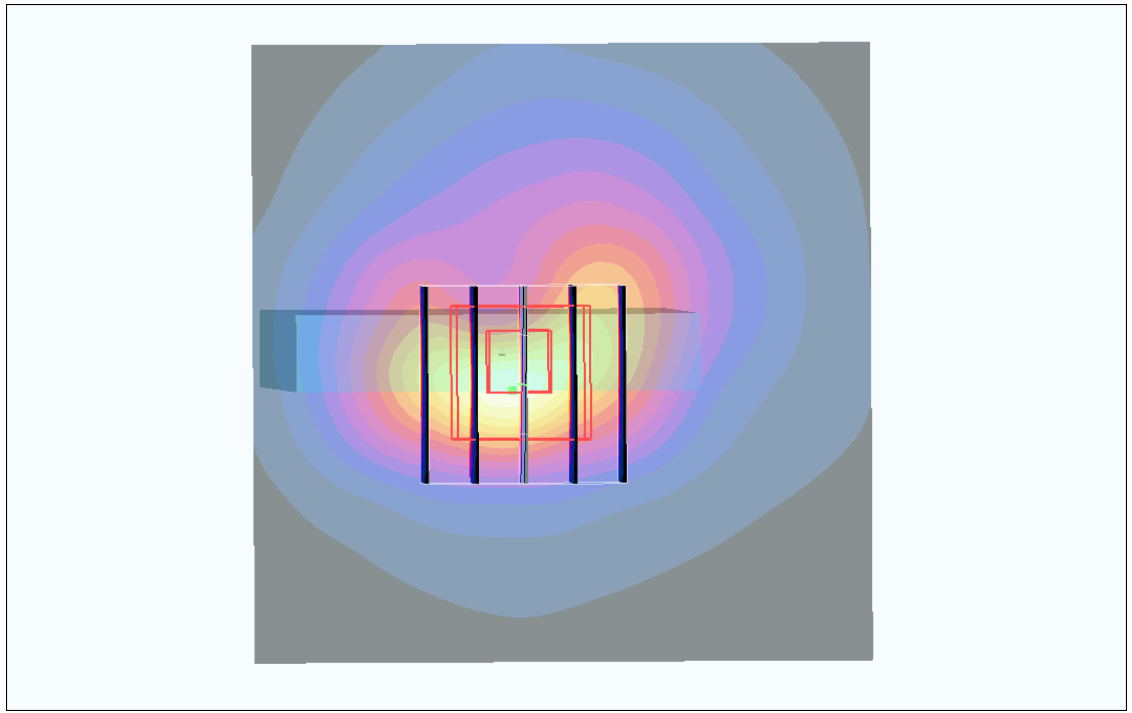
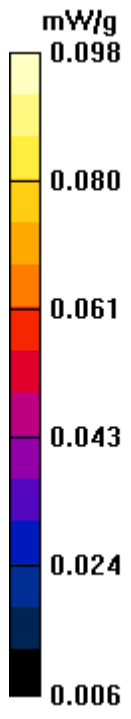
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

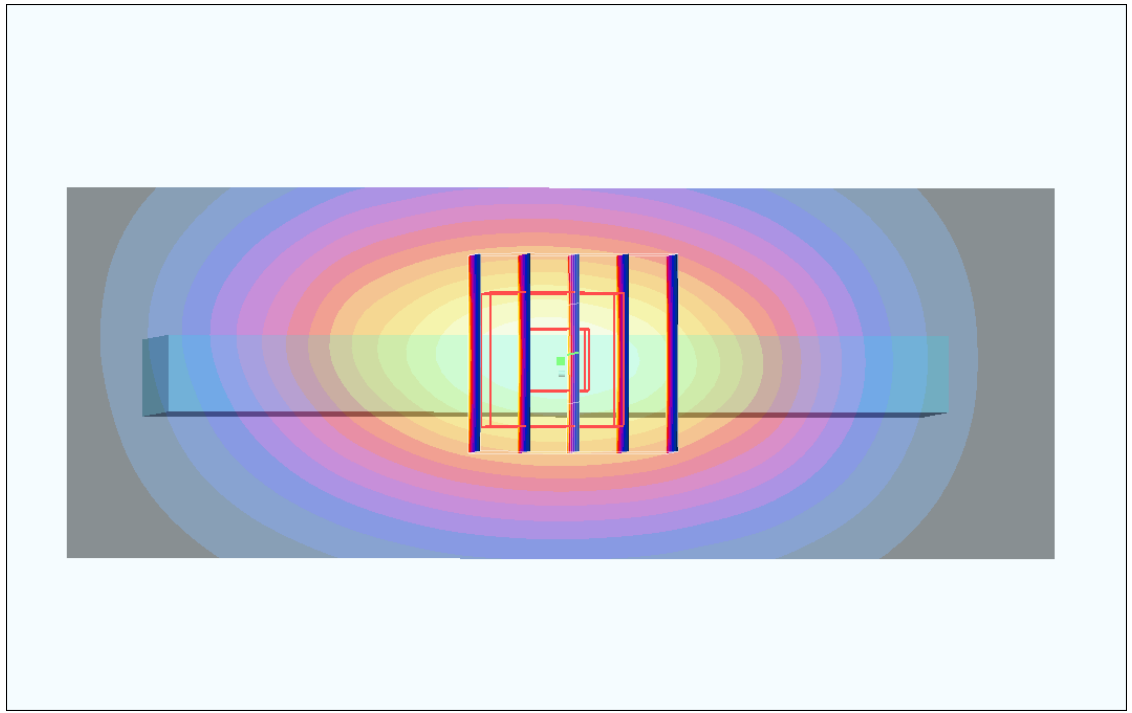
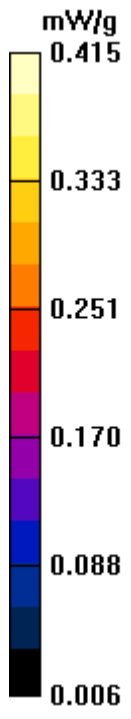
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

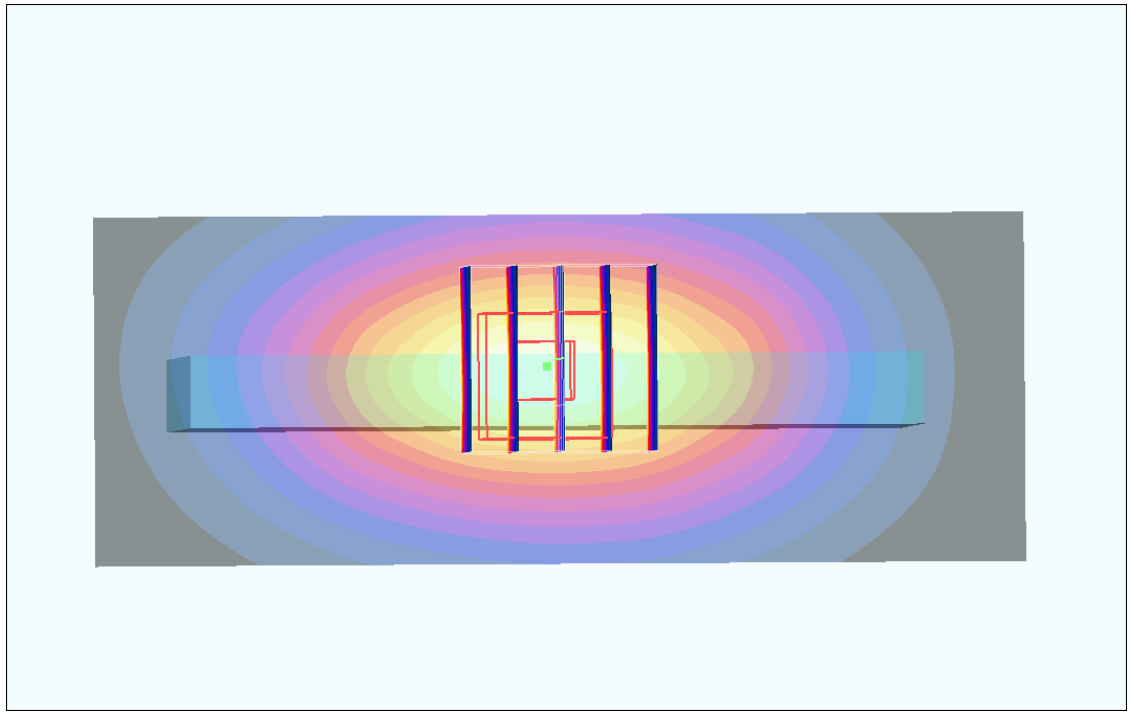
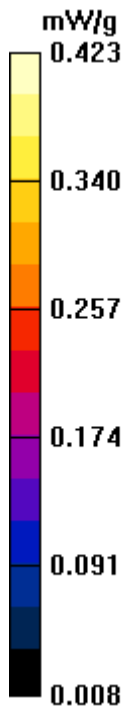
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

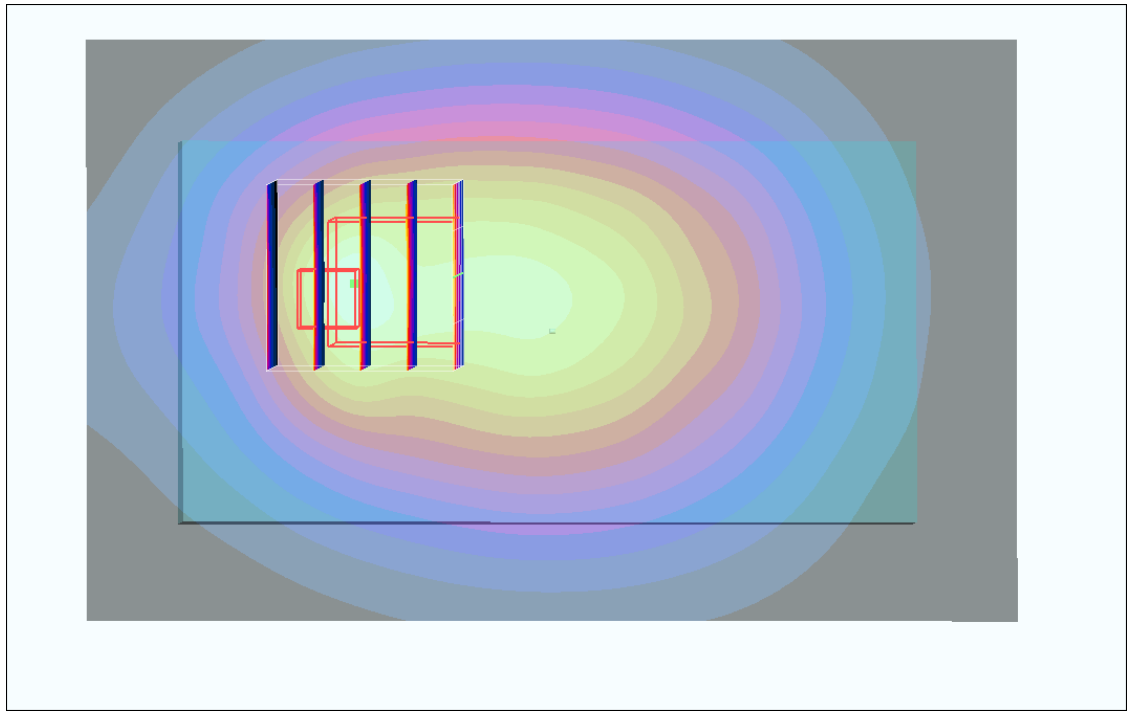
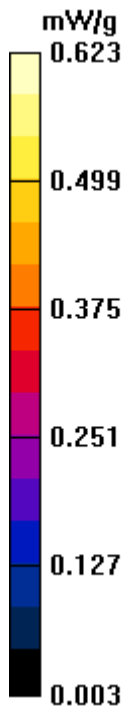
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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/m<sup>3</sup>

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

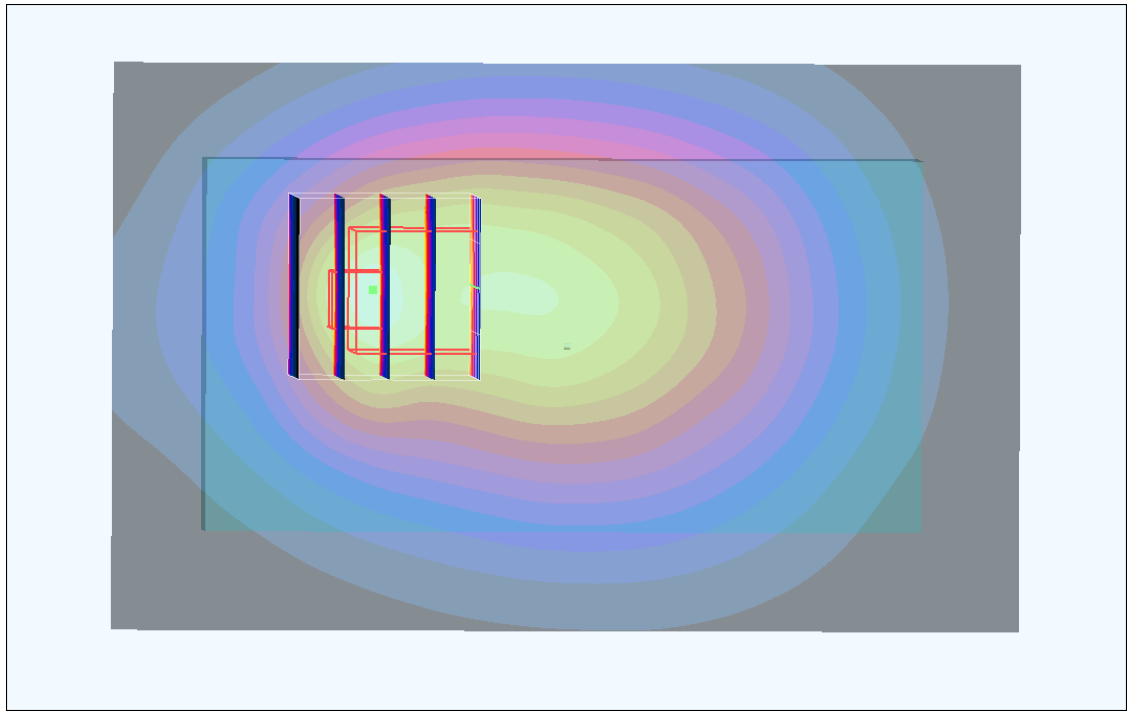
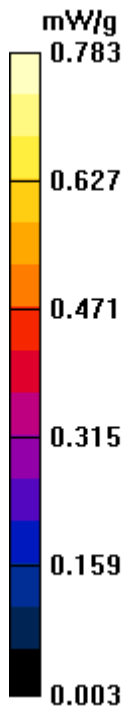
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 847$  MHz;  $\sigma = 1.01$   
mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

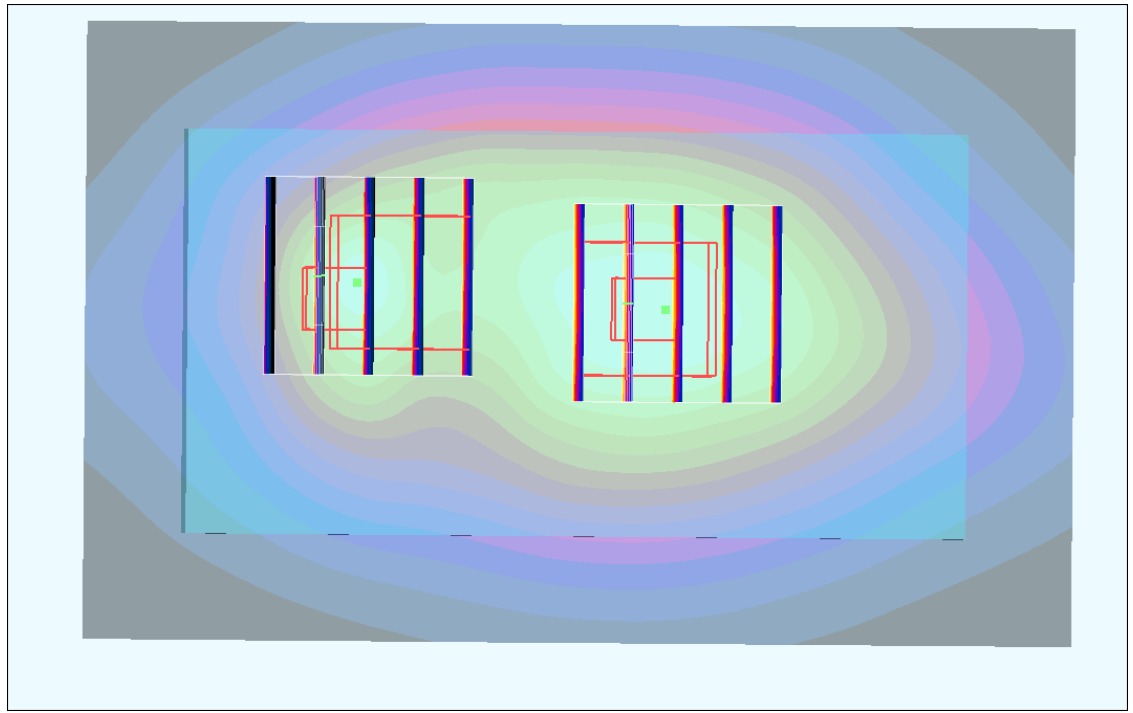
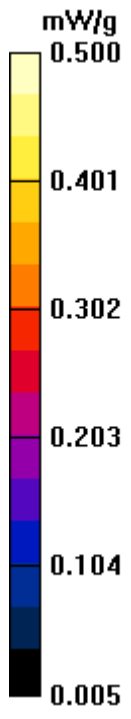
DASY4 Configuration:

- 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) = 0.500 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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=8mm, dy=8mm, dz=5mm  
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:  $f = 847$  MHz;  $\sigma = 1.01$   
mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

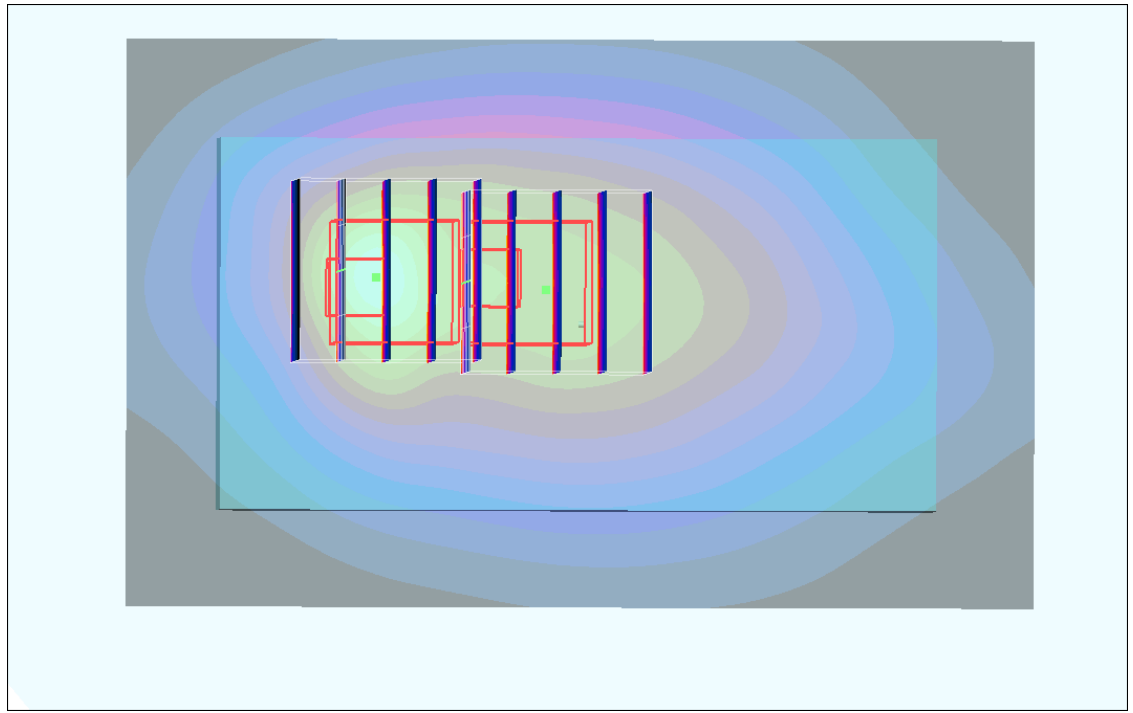
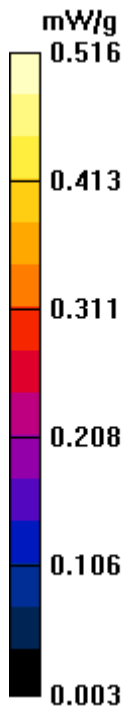
DASY4 Configuration:

- 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) = 0.516 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
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=8mm, dy=8mm, dz=5mm  
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:  $f = 847$  MHz;  $\sigma = 1.01$   
mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.830 mW/g

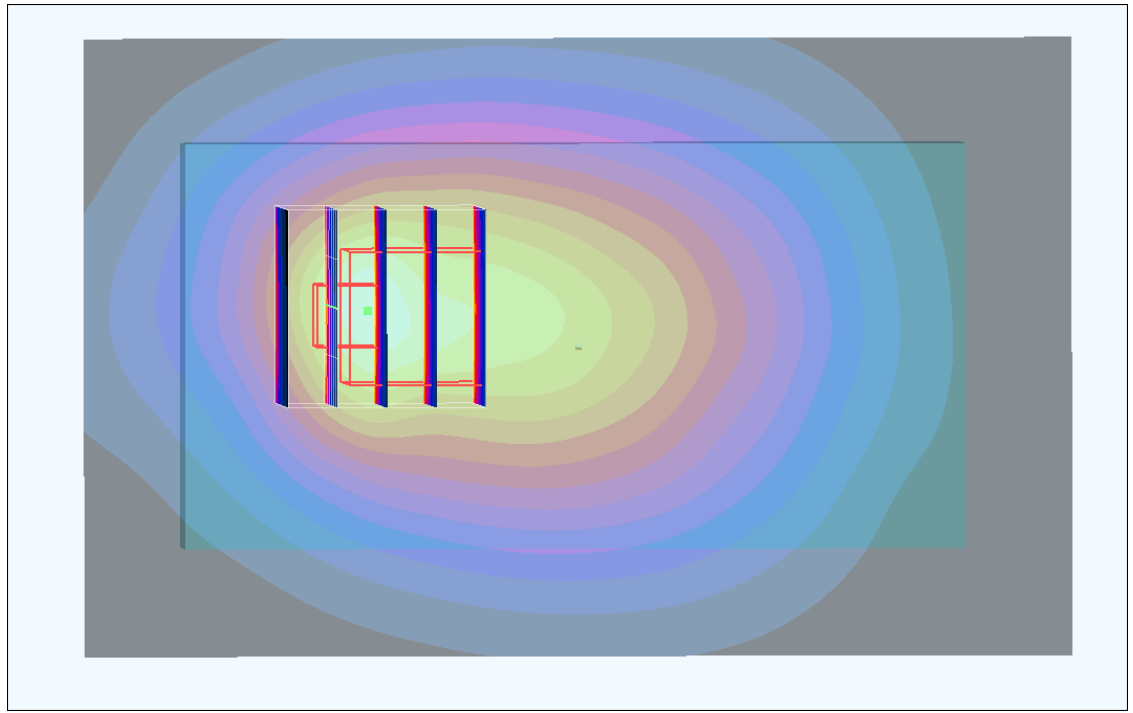
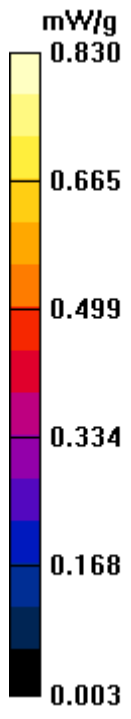
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

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:  $f = 847$  MHz;  $\sigma = 1.01$   
mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.830 mW/g

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

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

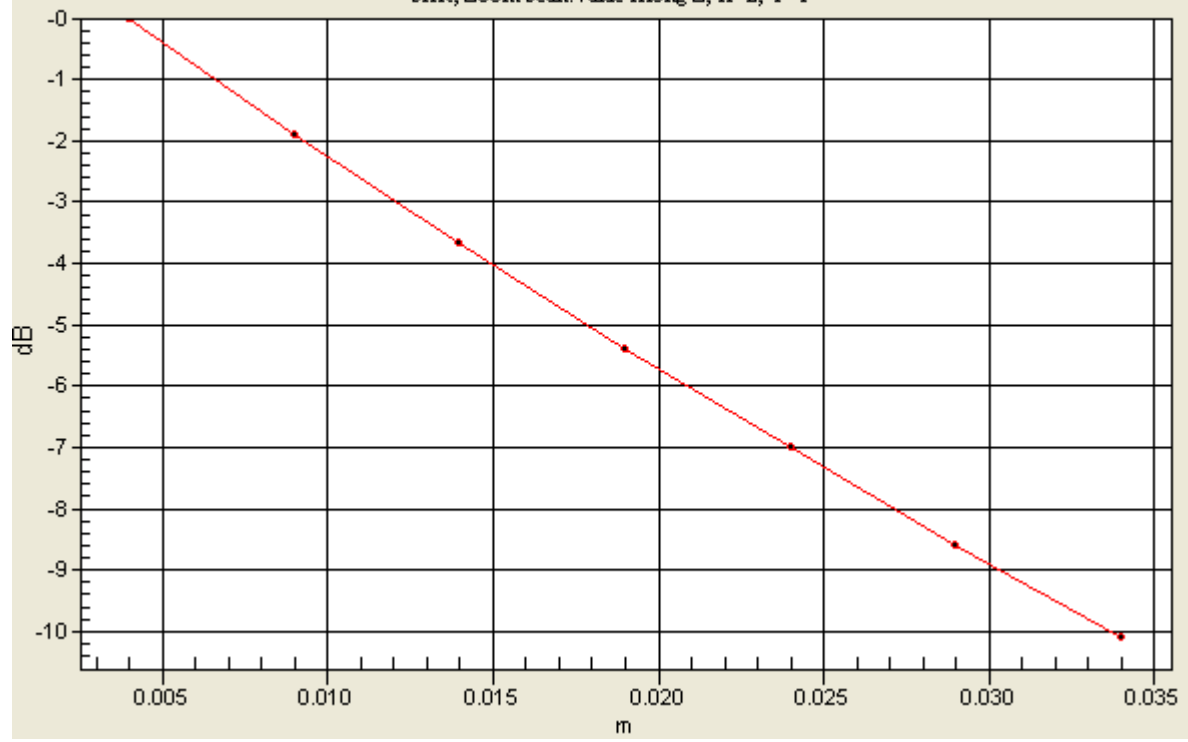
Peak SAR (extrapolated) = 1.09 W/kg

**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 :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

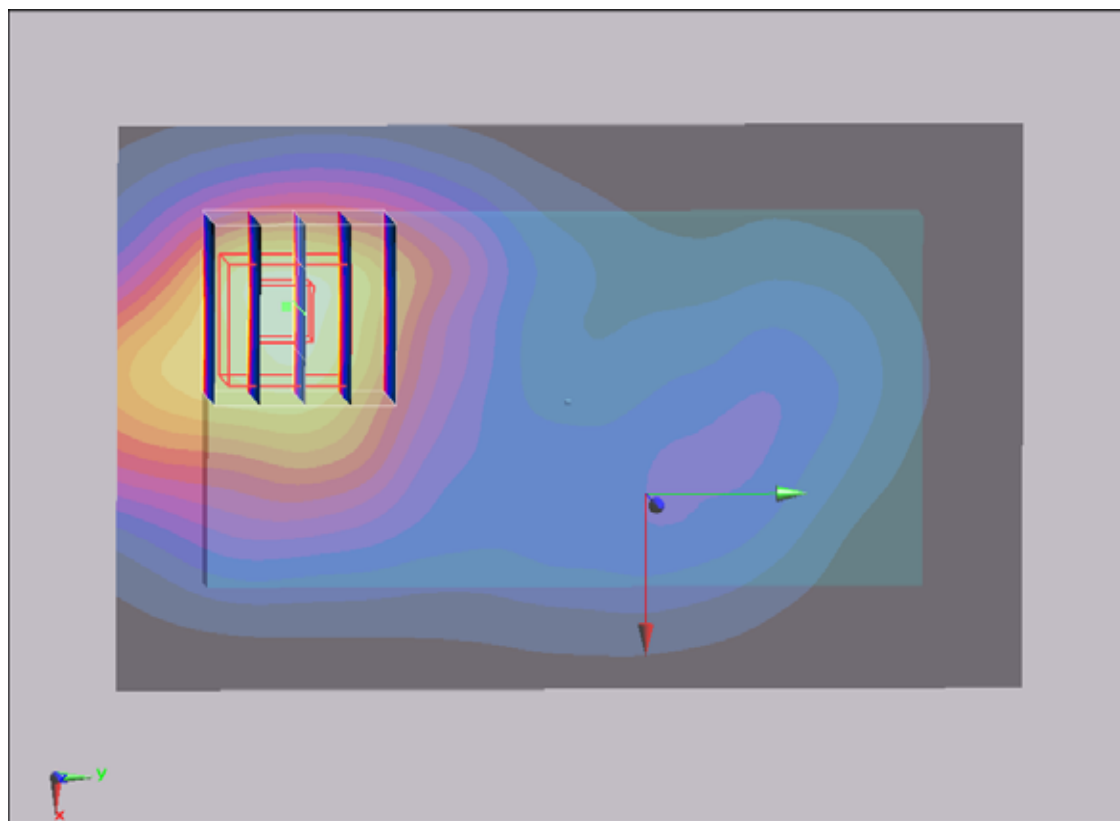
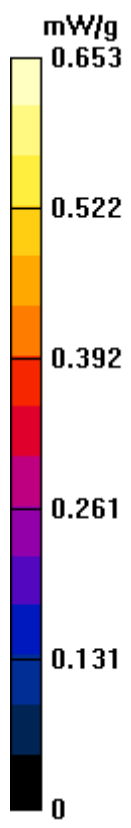
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

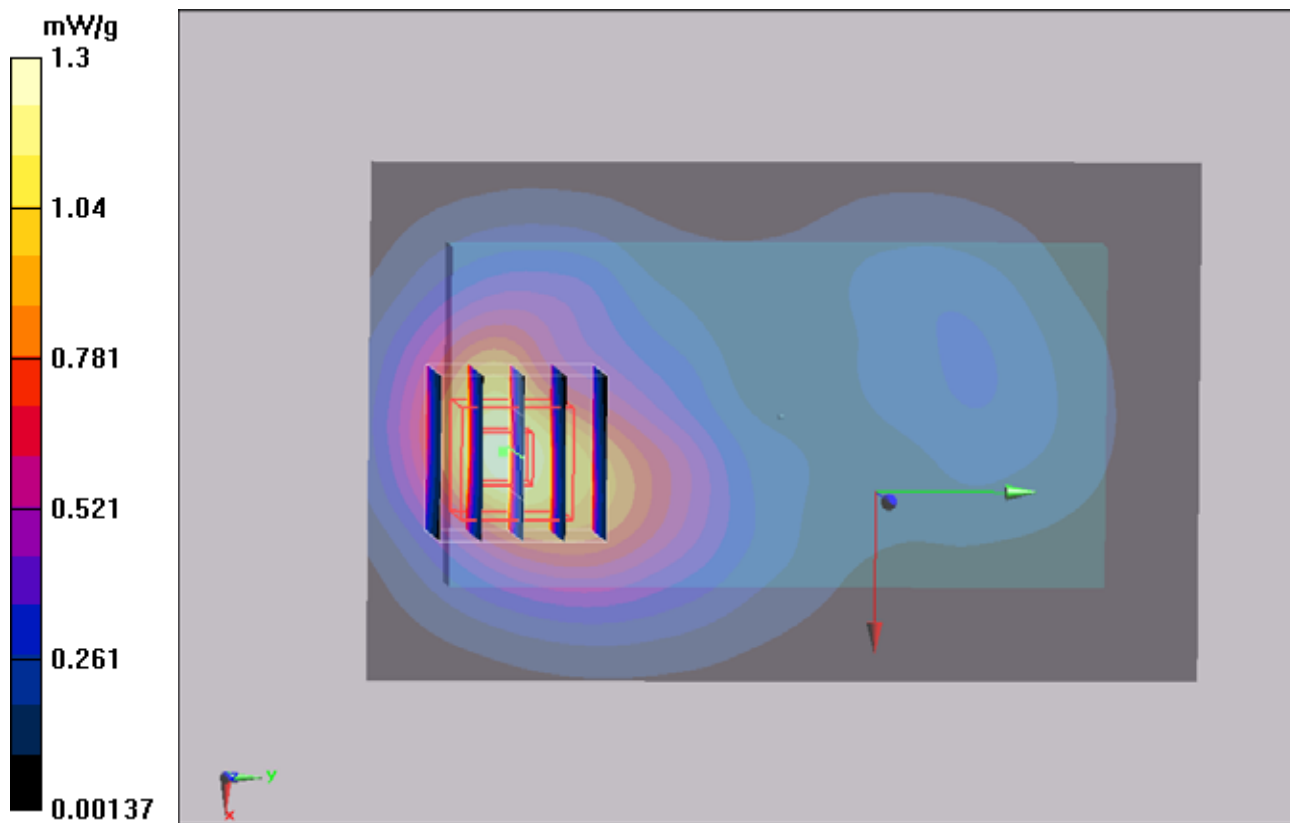
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

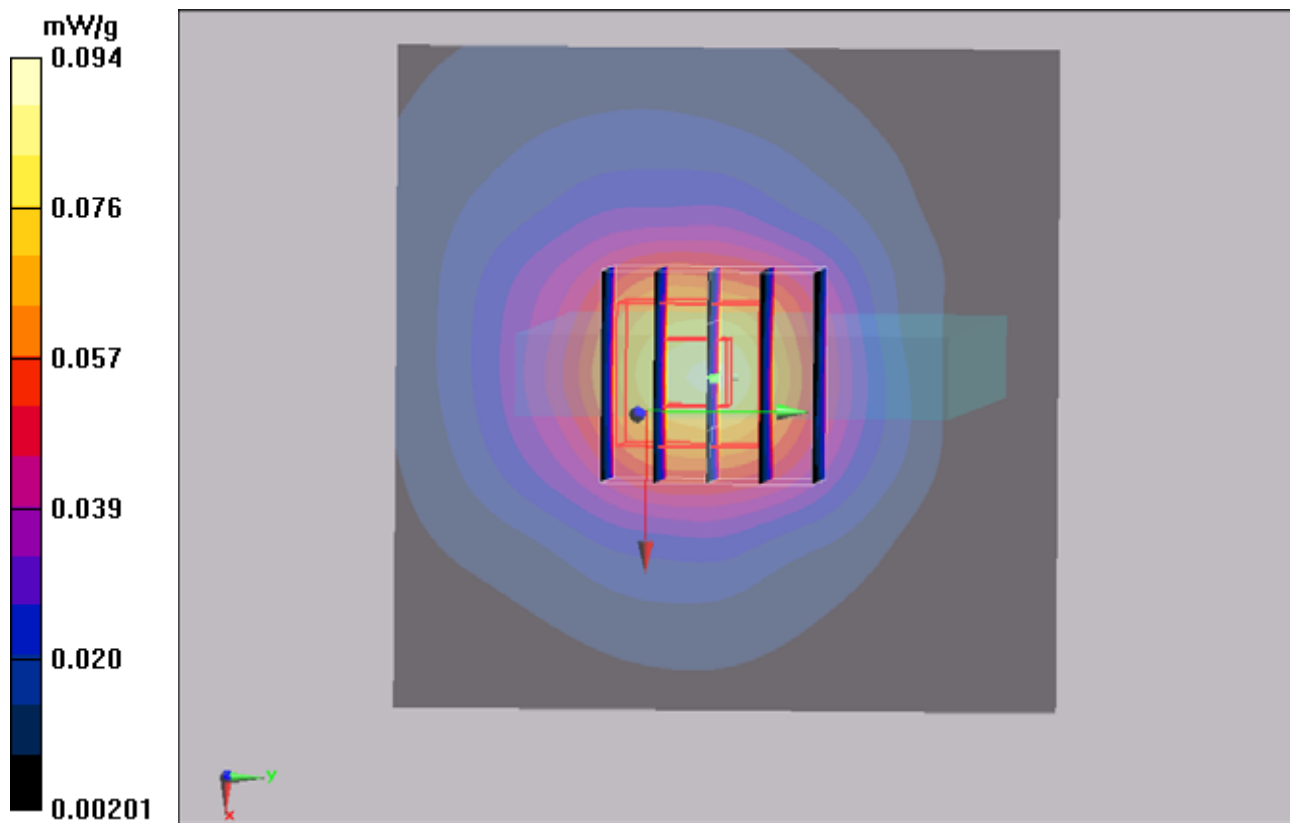
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

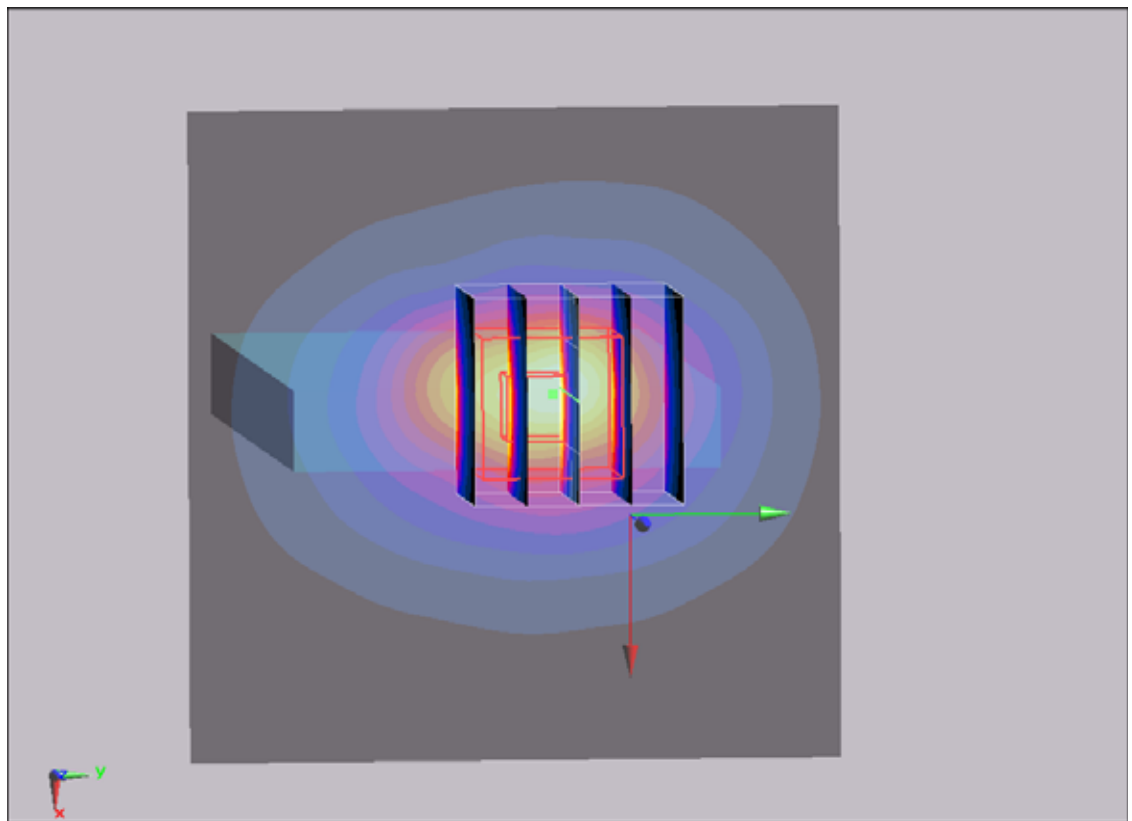
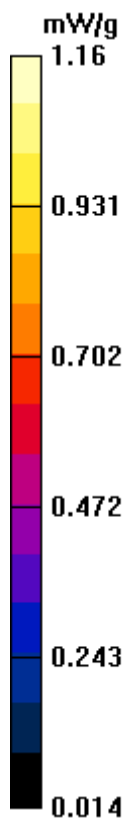
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

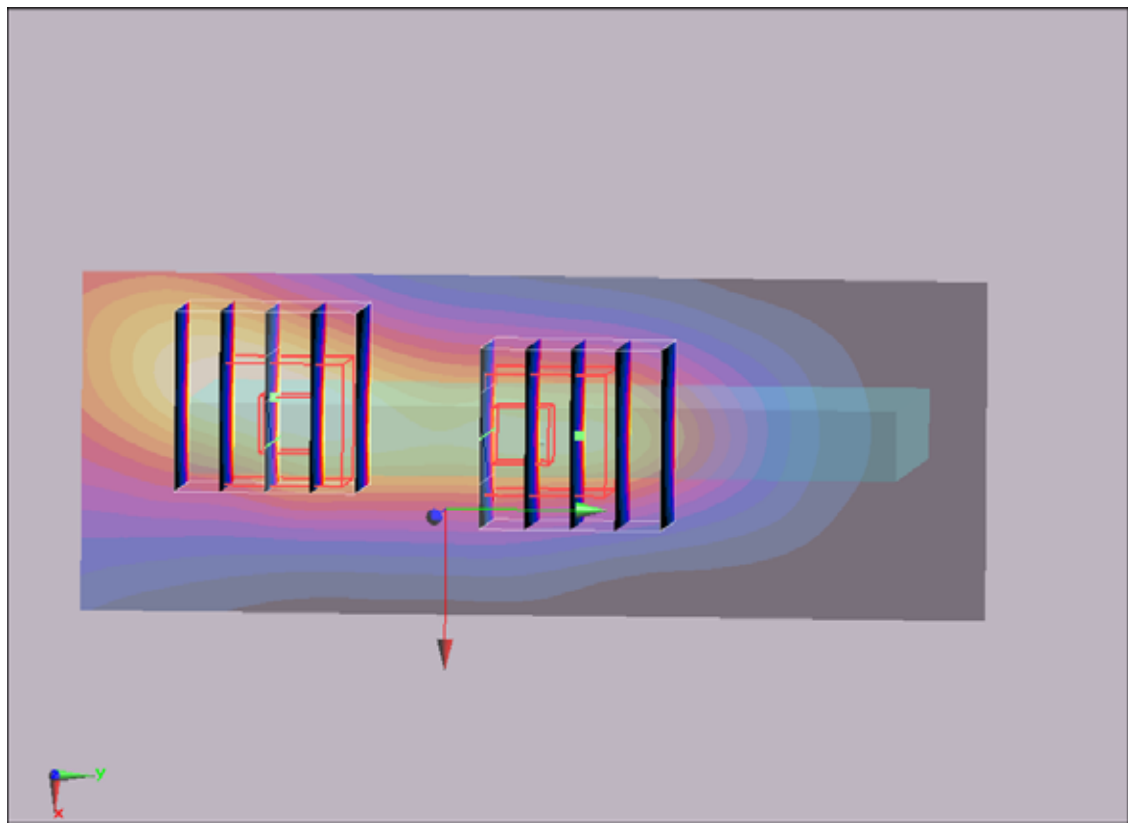
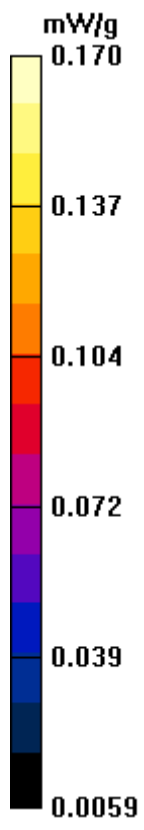
**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

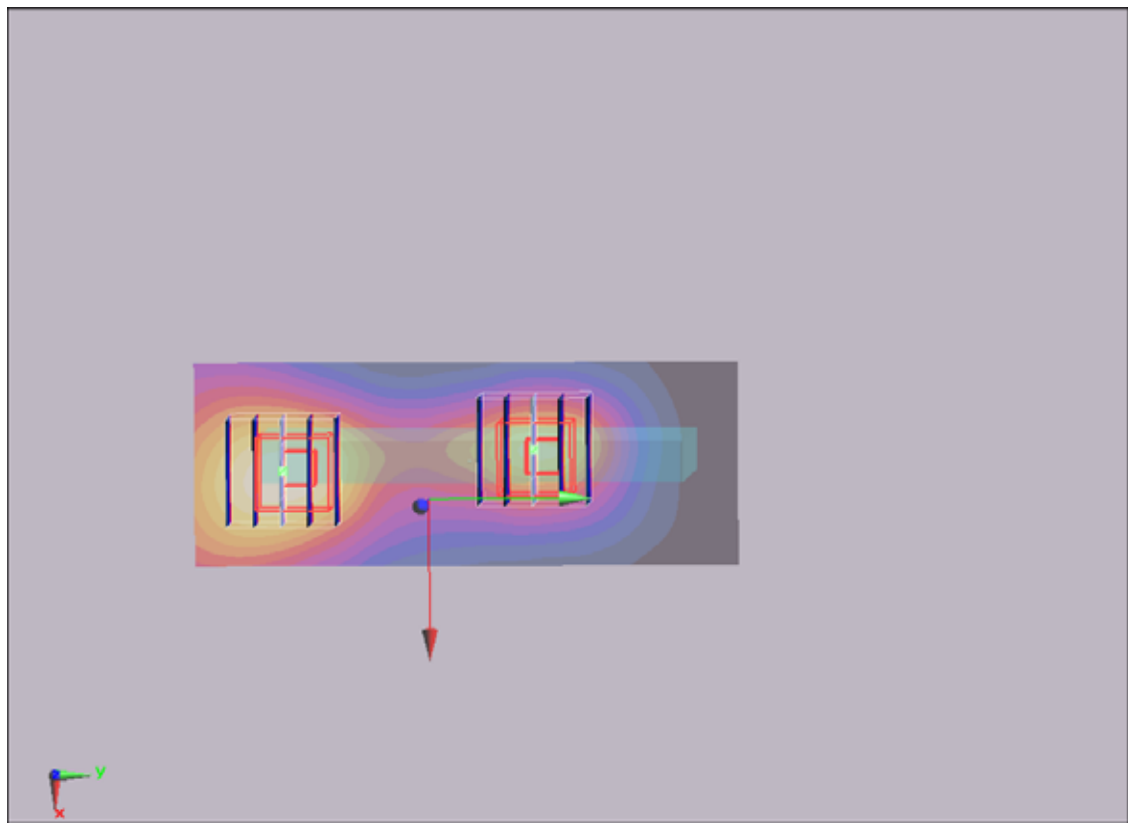
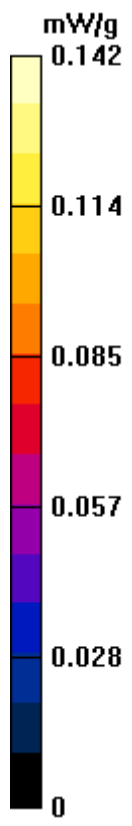
**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

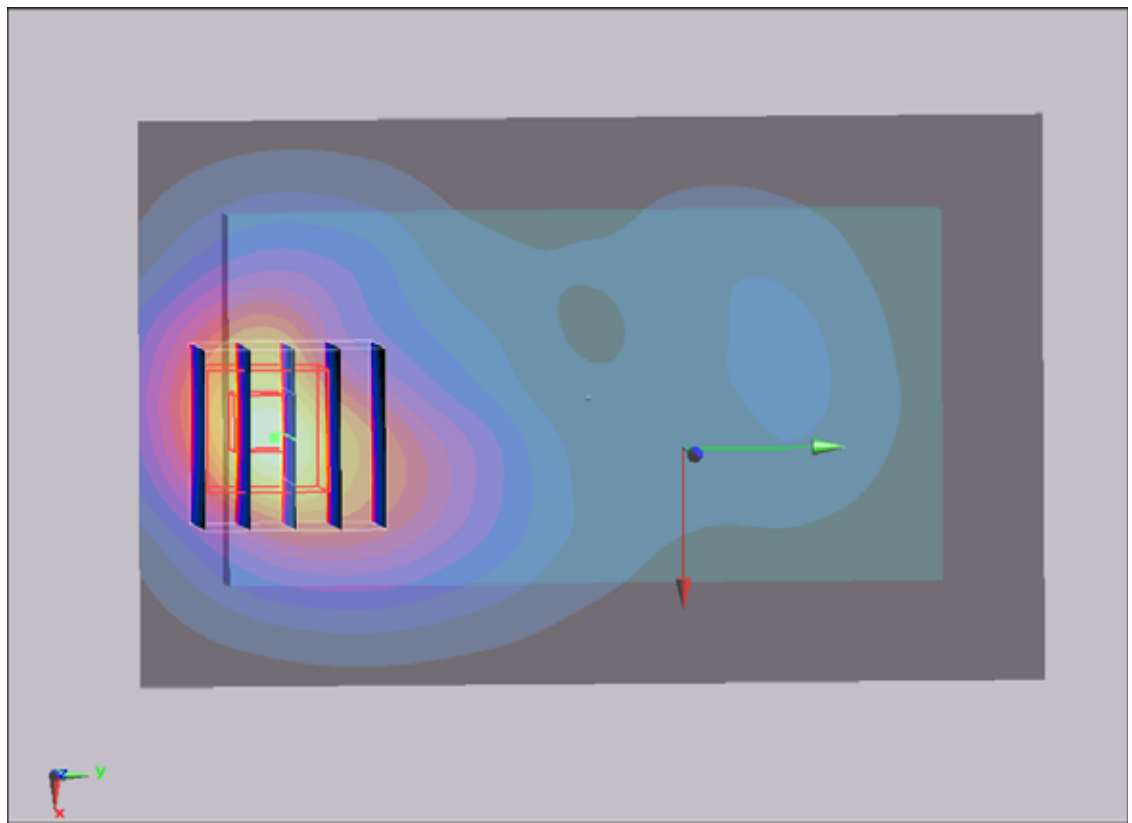
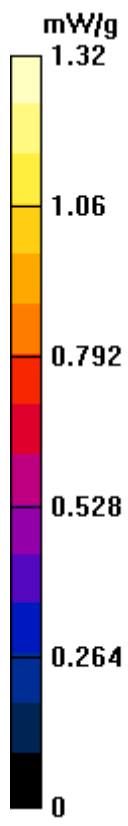
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1908$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

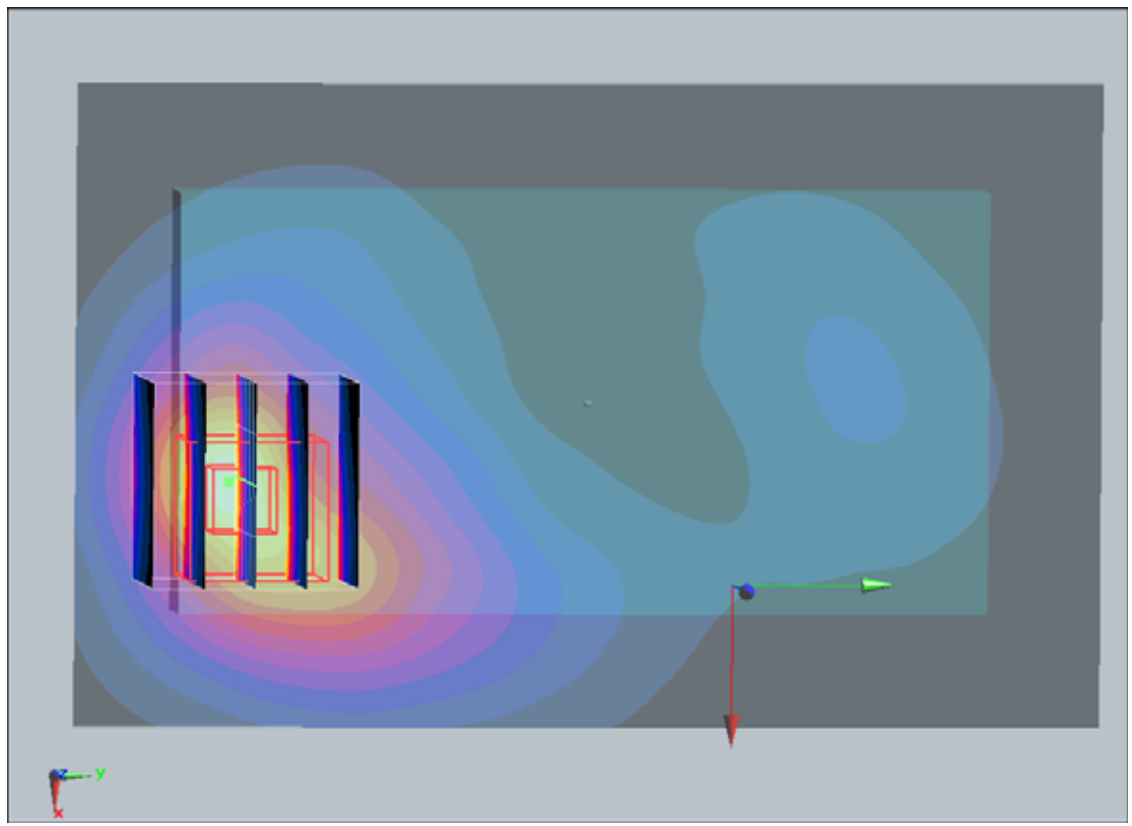
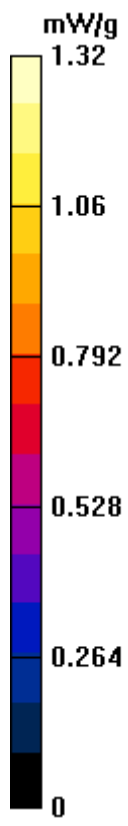
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

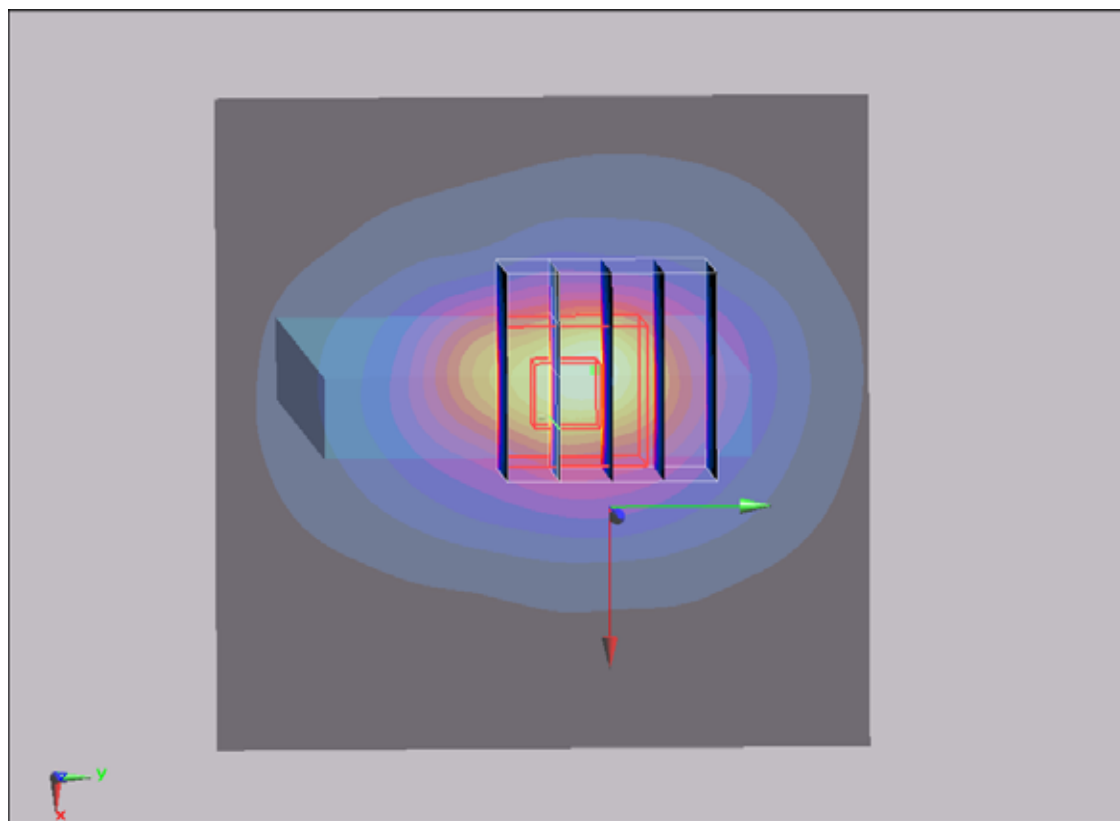
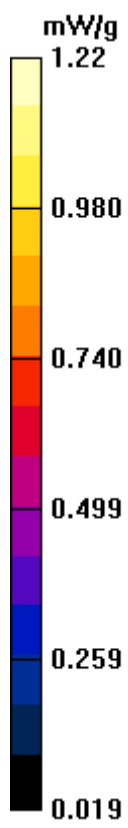
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1908$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

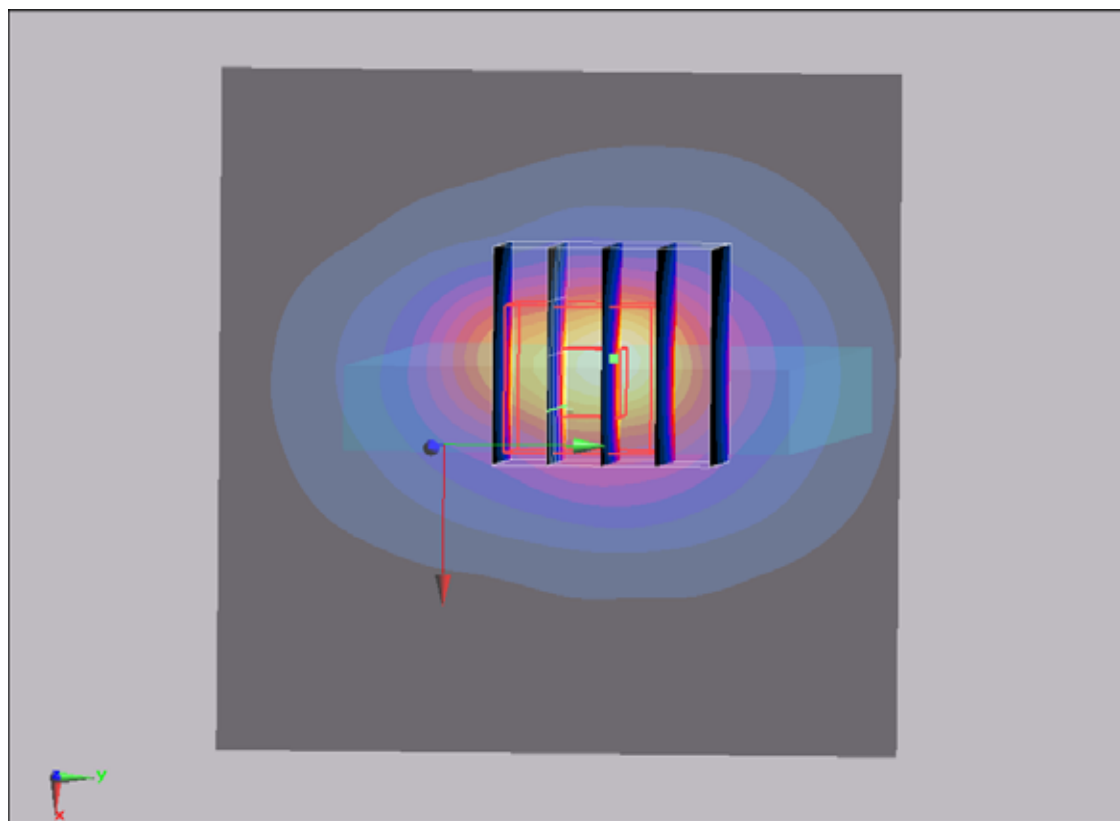
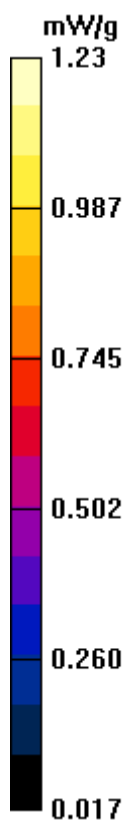
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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) = 1.21 mW/g

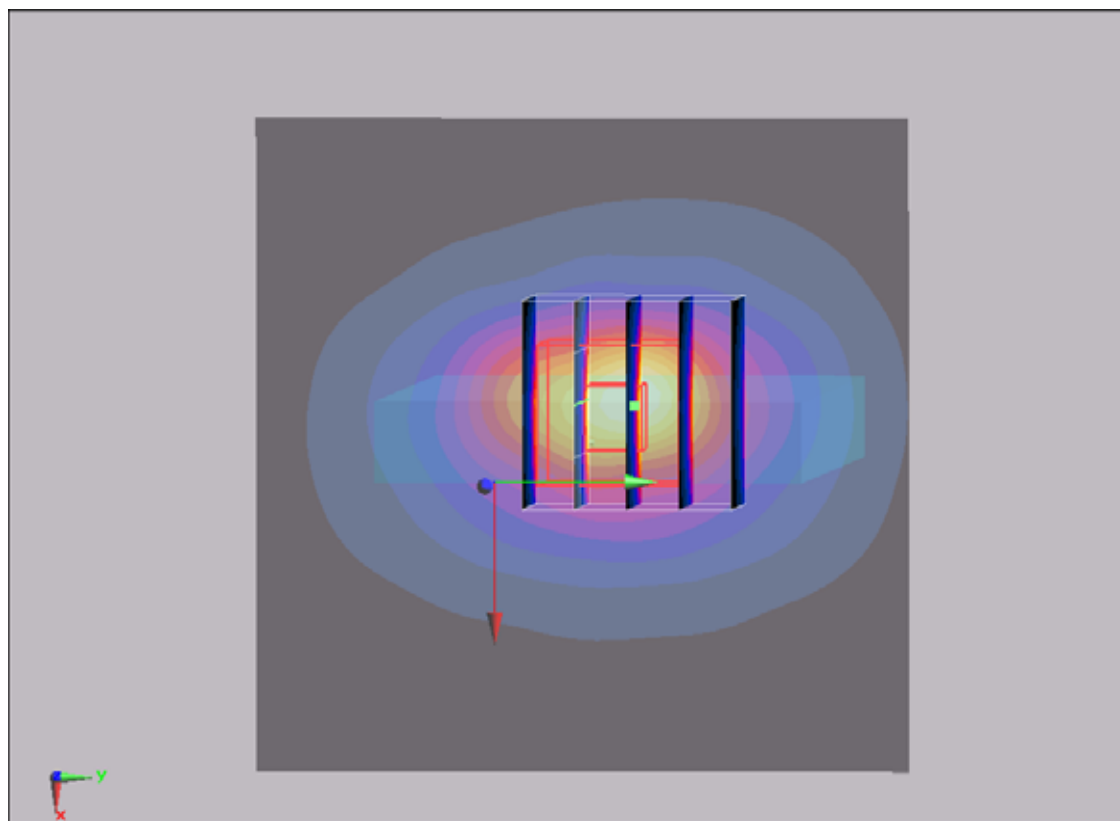
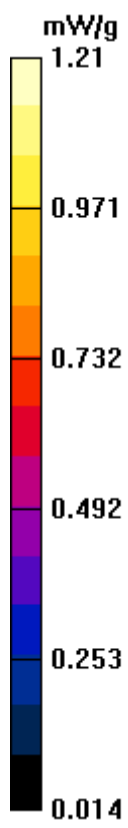
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1908$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

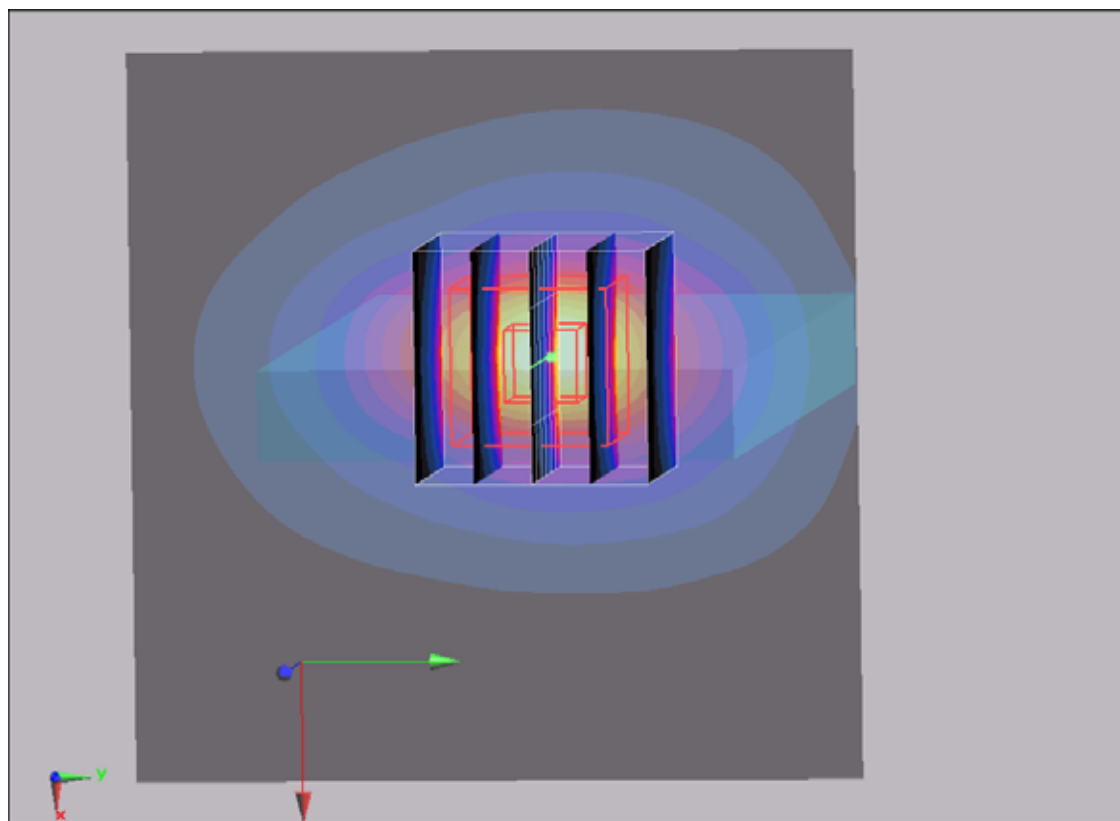
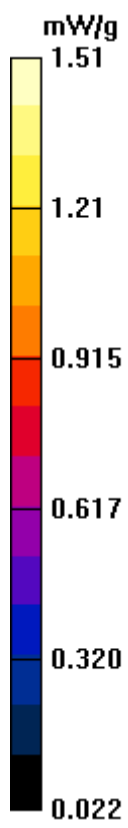
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1908$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

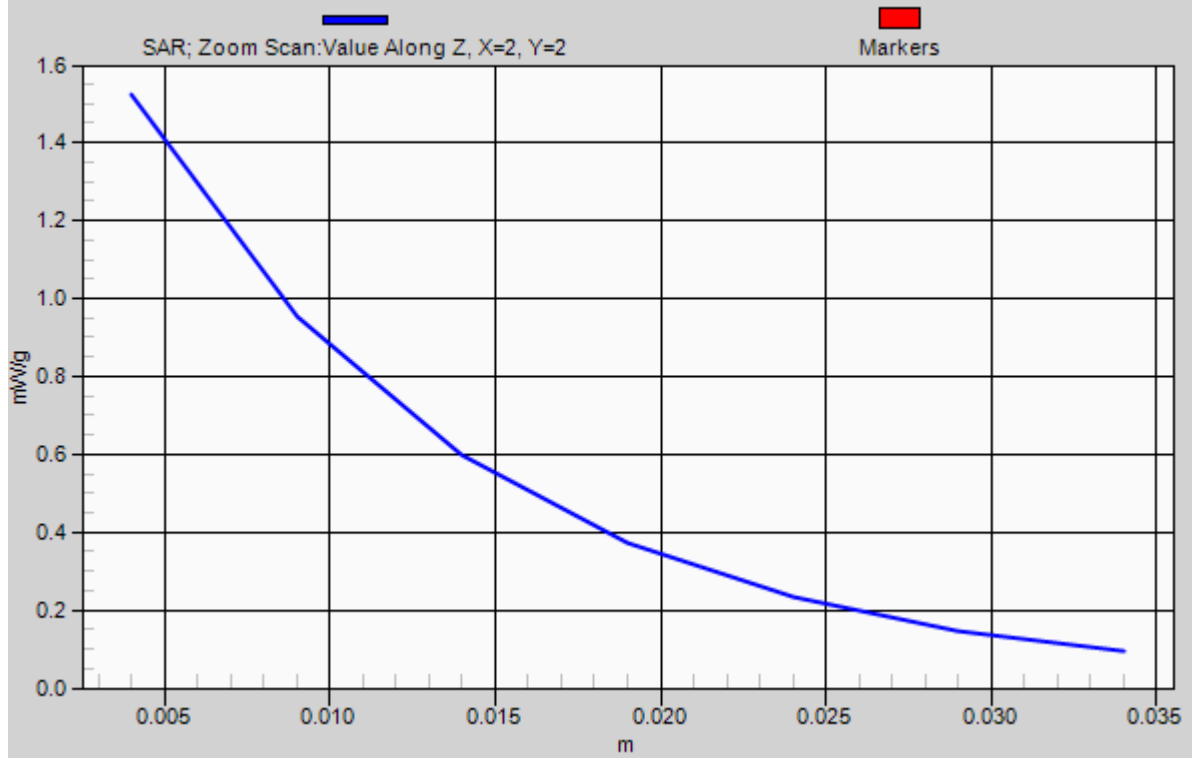
Reference Value = 25.9 V/m; Power Drift = -0.026 dB

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

# 1g/10g Averaged SAR



**#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 :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 1.59 mW/g

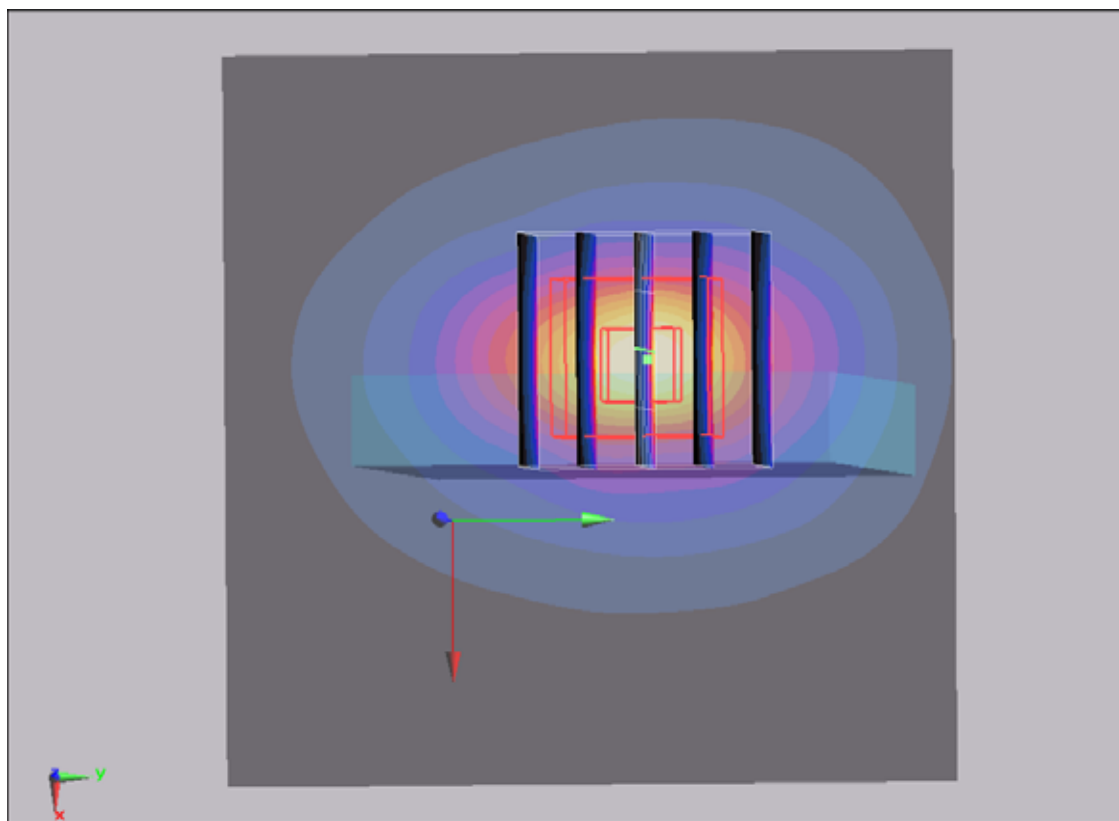
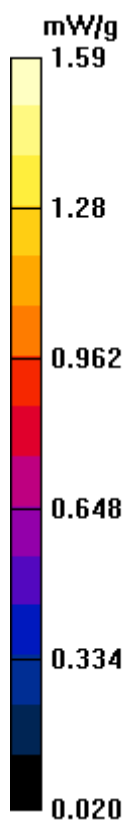
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.46 mW/g

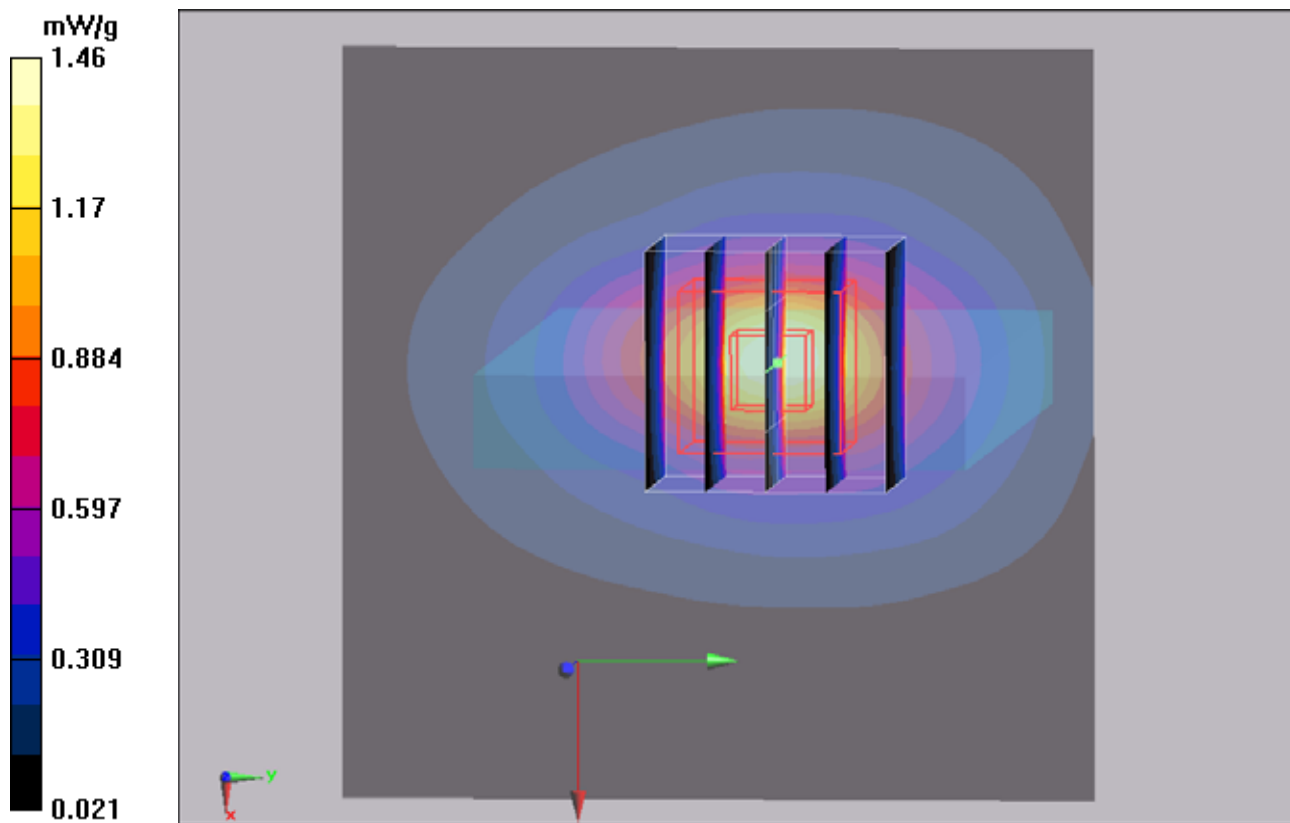
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1852.4$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

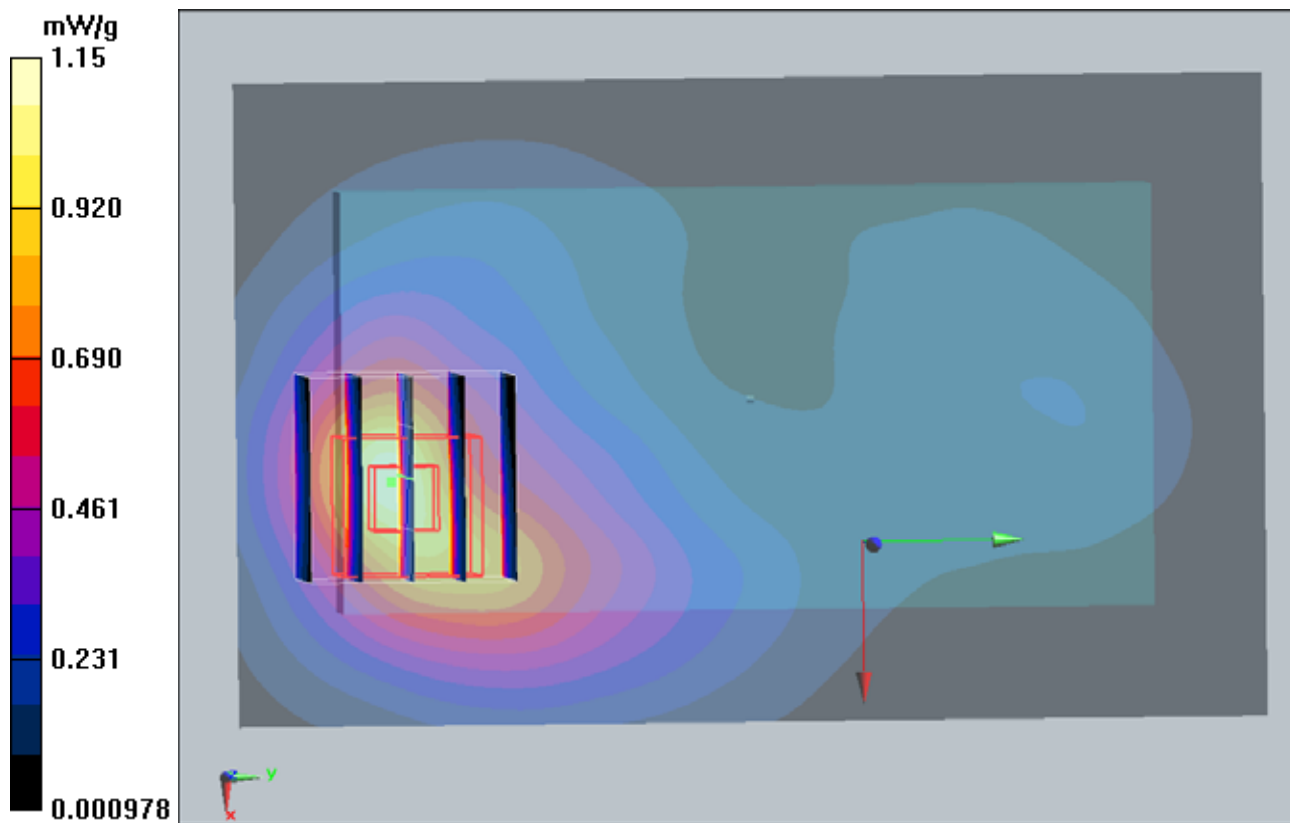
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1852.4$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

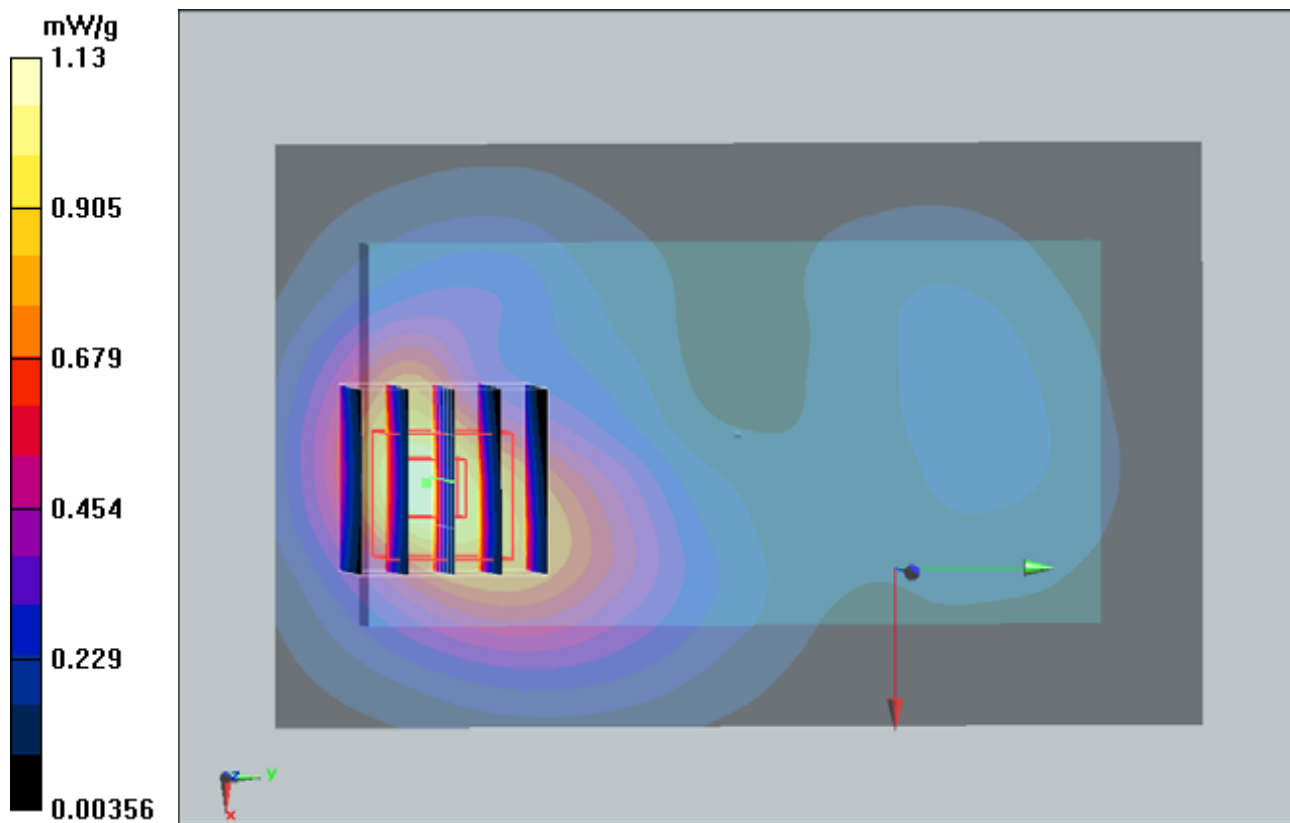
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1852.4$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

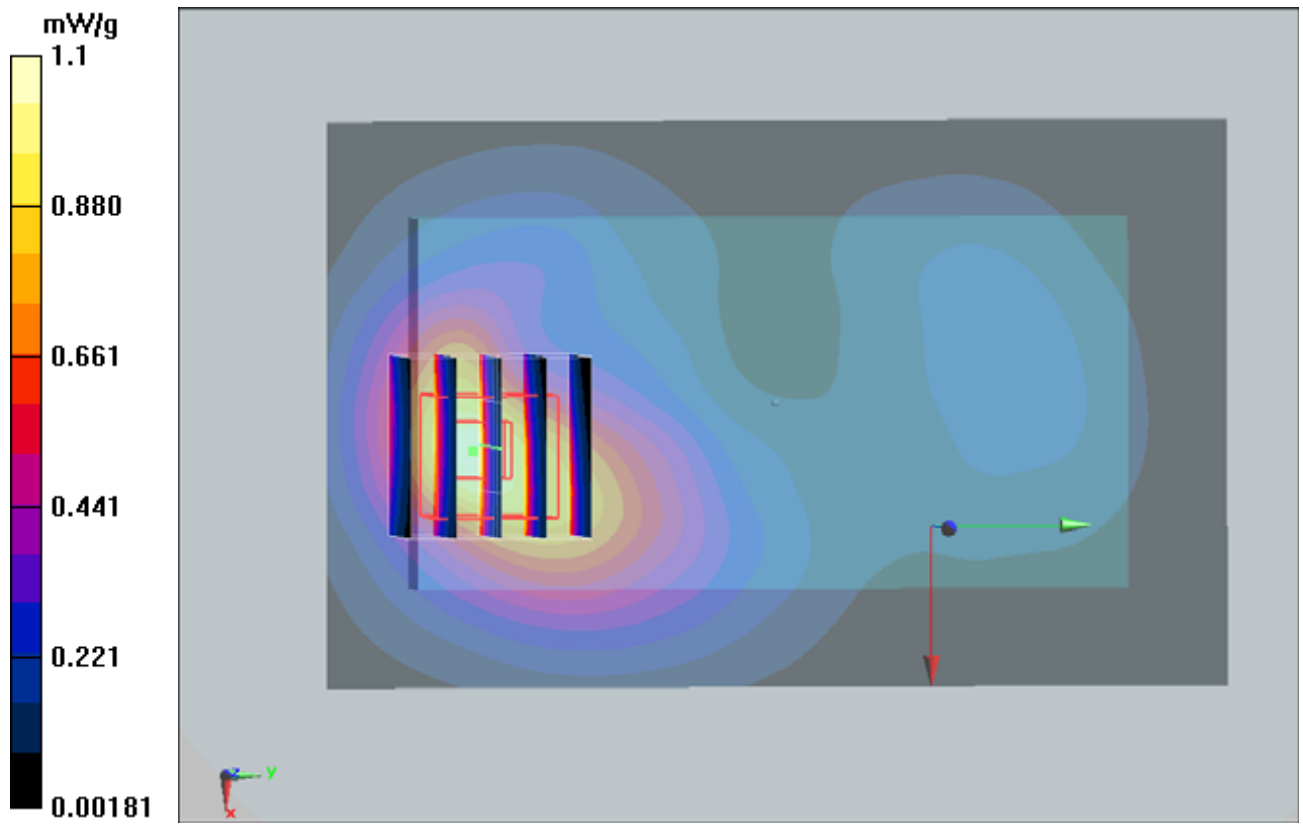
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1908$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

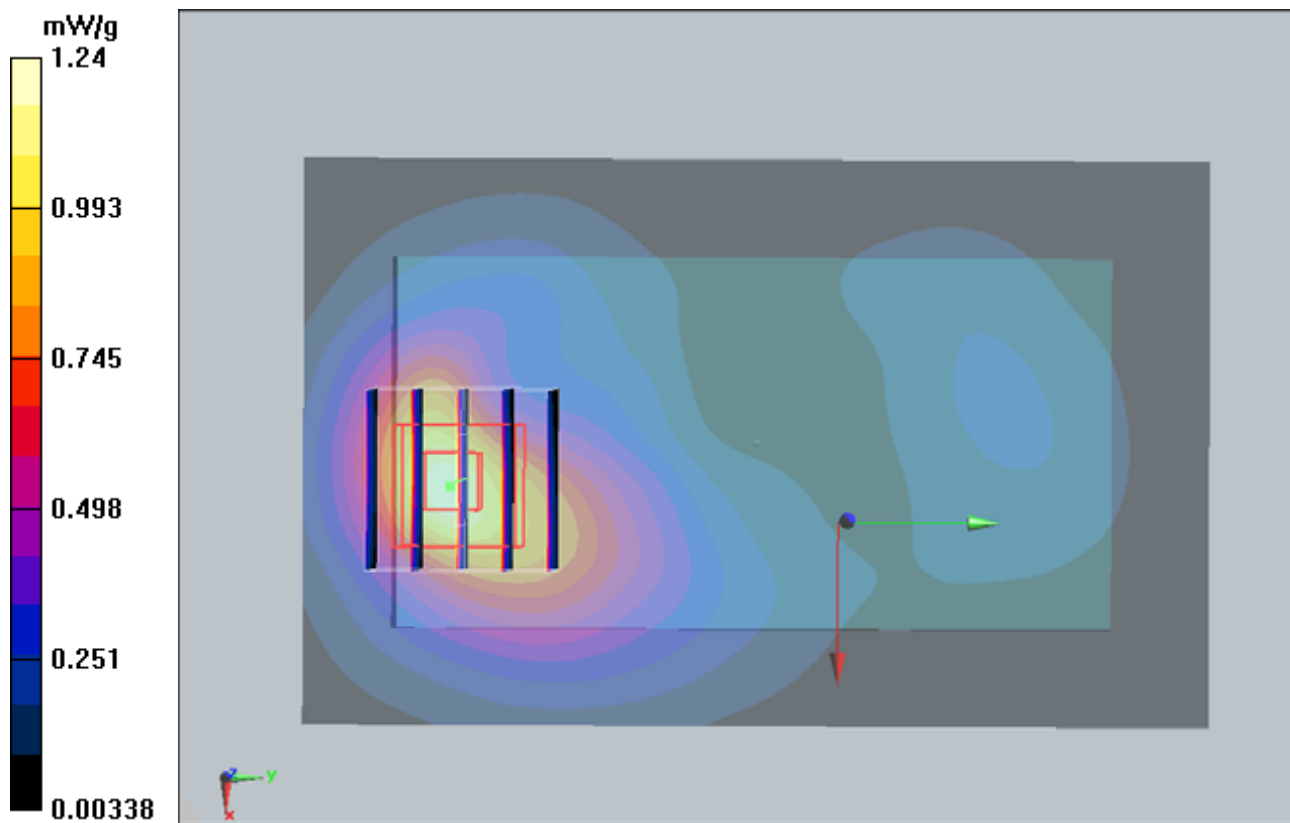
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 1880$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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=20mm, dy=20mm

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

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

