

Test Laboratory: UL CCS SAR Lab A

## 01\_Head\_Left Touch\_GSM850

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.65, 8.65, 8.65); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GSM850\_1 slot/Left Touch\_M ch/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

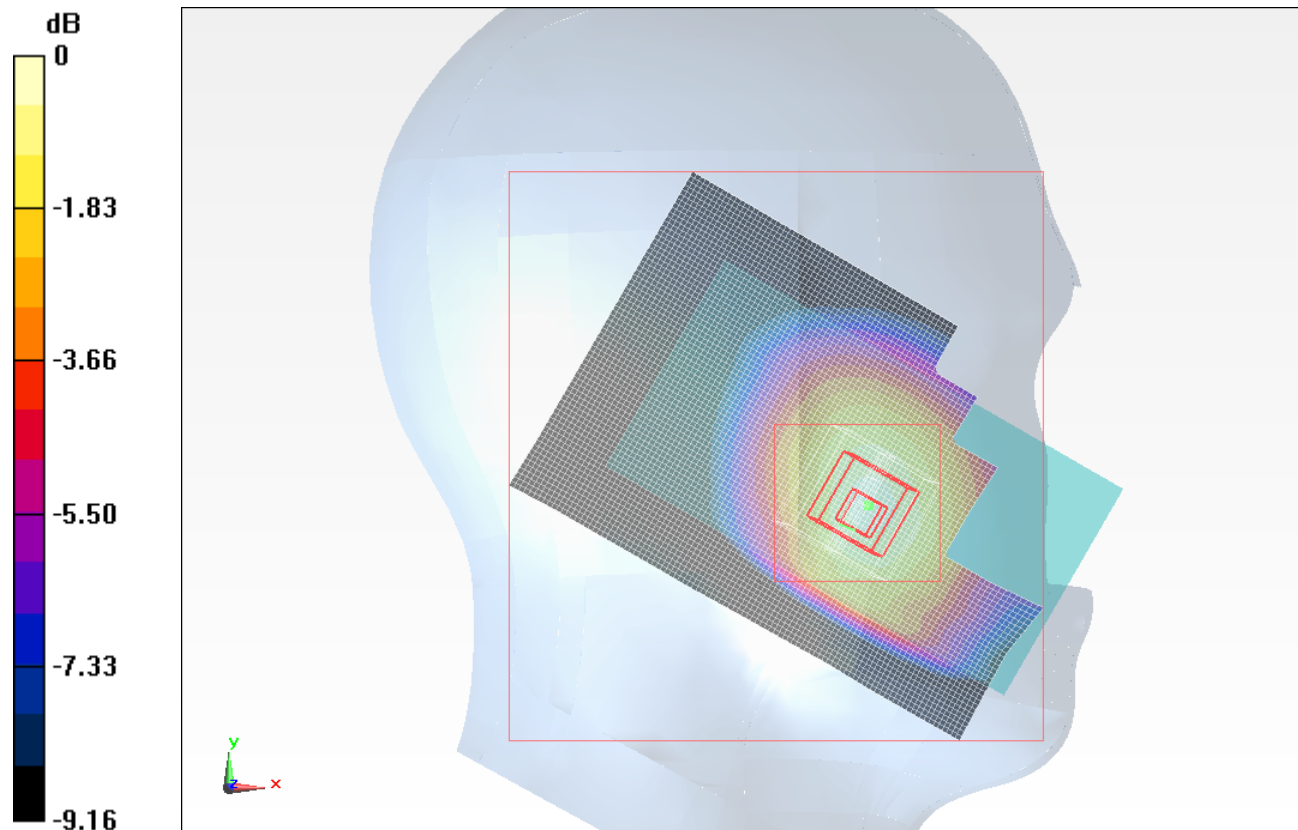
**GSM850\_1 slot/Left Touch\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.837 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.329 W/kg

**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.189 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.284 mW/g



0 dB = 0.280mW/g

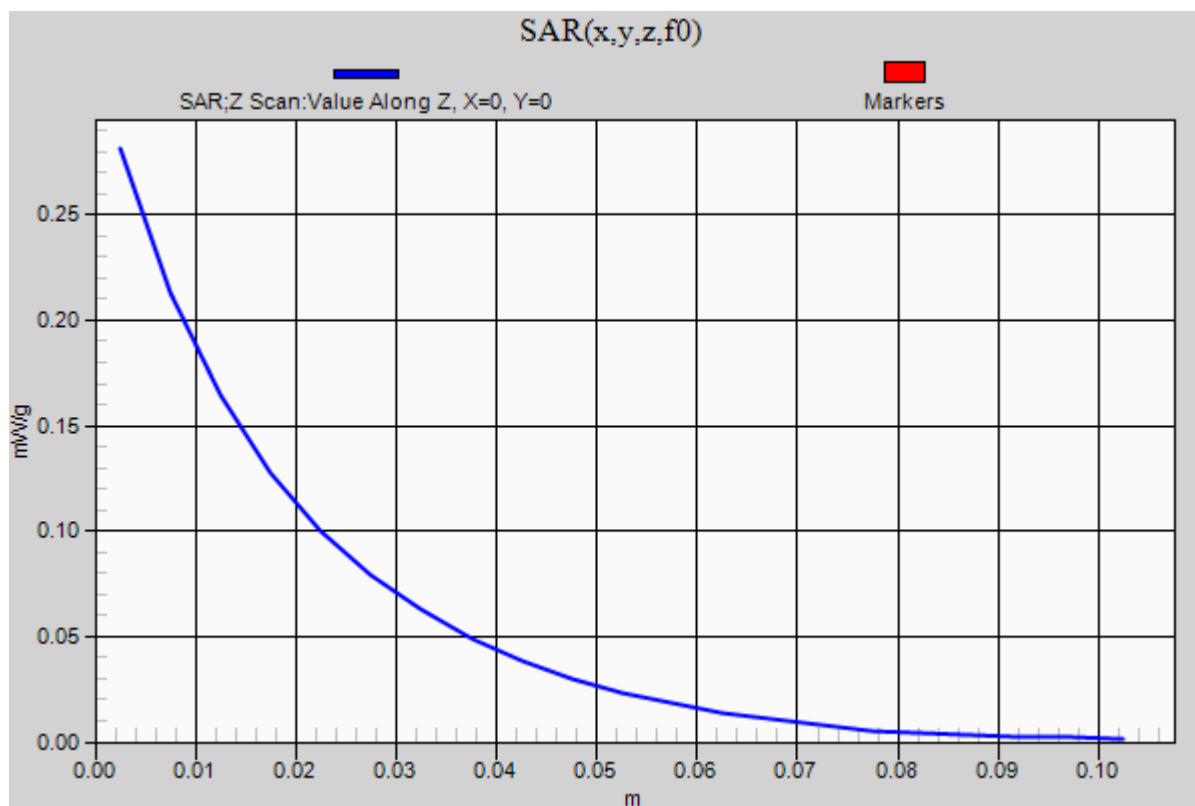
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**01\_Head\_Left Touch\_GSM850**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

**GSM850\_1 slot/Left Touch\_M ch/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mmInfo: [Interpolated medium parameters used for SAR evaluation.](#)

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



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## 02\_Head\_Left Tilt\_GSM850

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.65, 8.65, 8.65); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GSM850\_1 slot/Left Tilt\_M ch/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.168 mW/g

**GSM850\_1 slot/Left Tilt\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

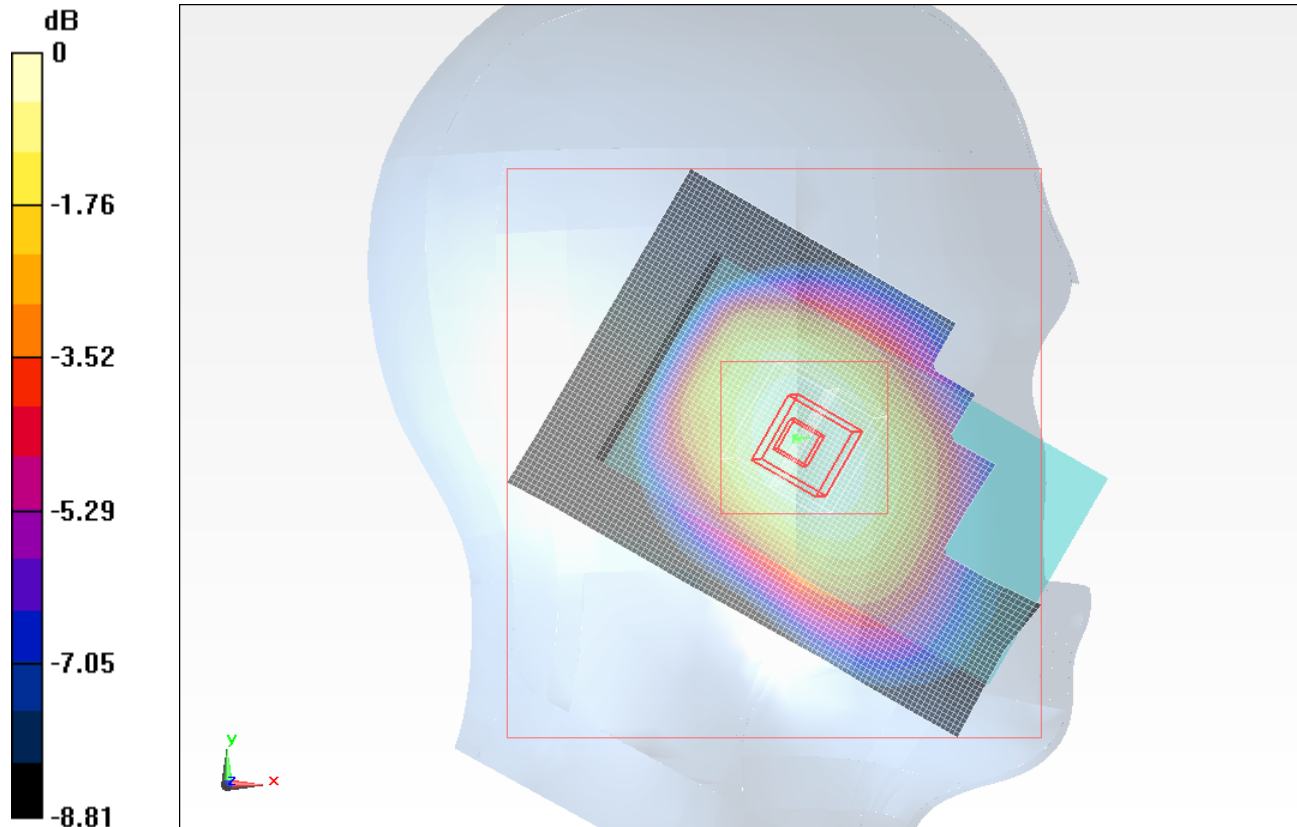
Reference Value = 13.303 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.182 W/kg

**SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.112 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.163 mW/g



0 dB = 0.160mW/g

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### 03\_Head\_Right Touch\_GSM850

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.65, 8.65, 8.65); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GSM850\_1 slot/Right\_Touch\_M ch/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

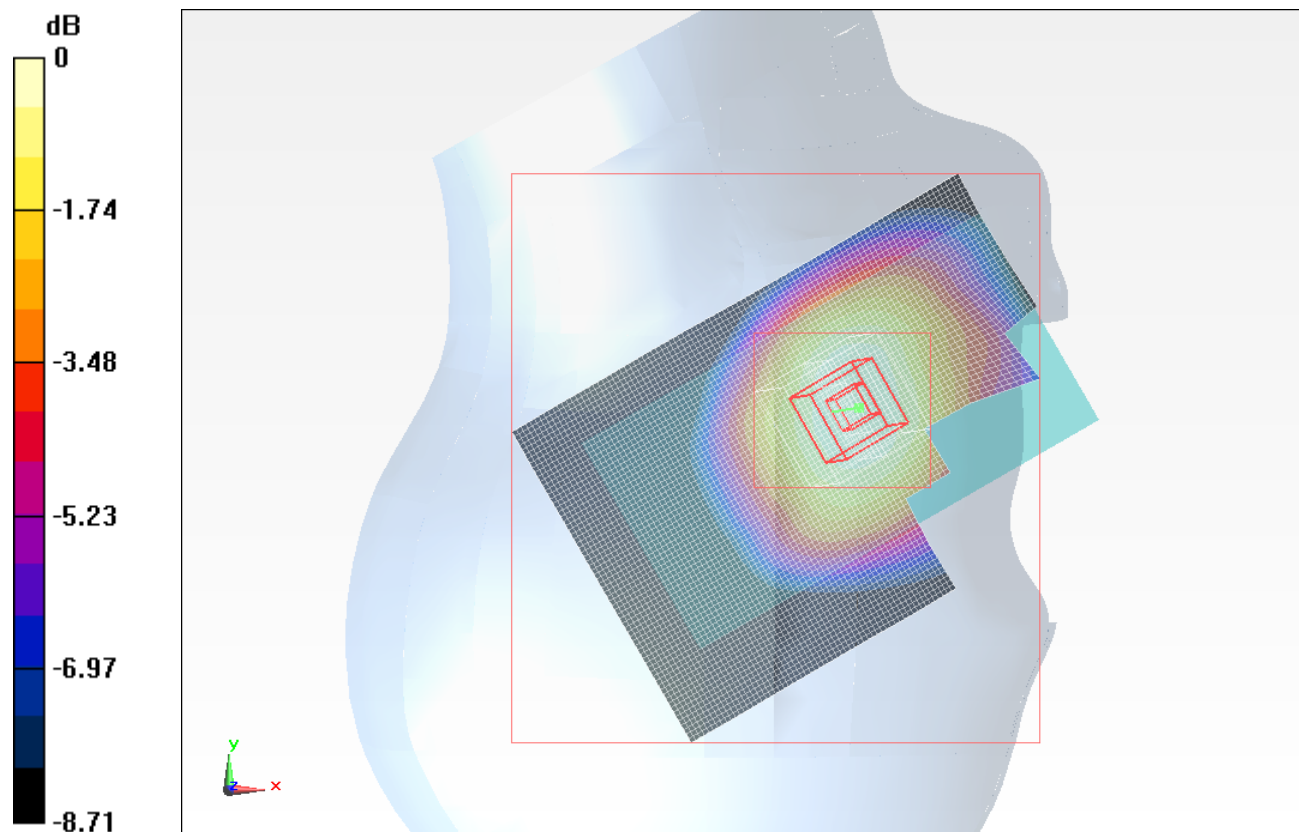
**GSM850\_1 slot/ Right\_Touch\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.870 V/m; Power Drift = 0.0046 dB

Peak SAR (extrapolated) = 0.218 W/kg

**SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.135 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.195 mW/g



0 dB = 0.190mW/g

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## 04\_Head\_Right Tilt\_GSM850

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.65, 8.65, 8.65); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GSM850\_1 slot/Right\_Tilt\_M ch/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.143 mW/g

**GSM850\_1 slot/Right\_Tilt\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

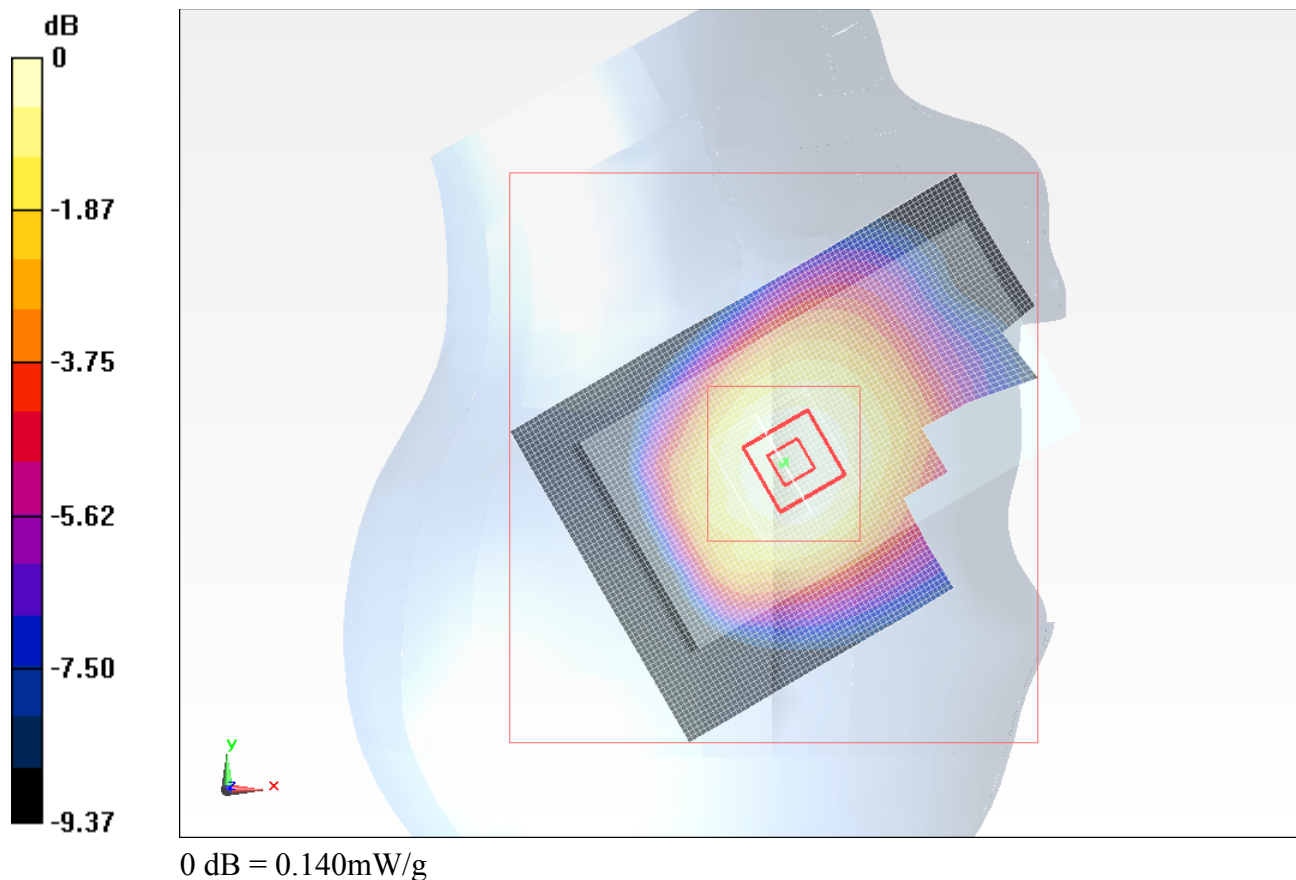
Reference Value = 12.456 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.151 W/kg

**SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.096 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



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**05\_Head\_Left Touch\_GSM850 (VOIP)**

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.65, 8.65, 8.65); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**GSM850\_2 slot/Left Touch\_M ch/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.308 mW/g

**GSM850\_2 slot/Left Touch\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

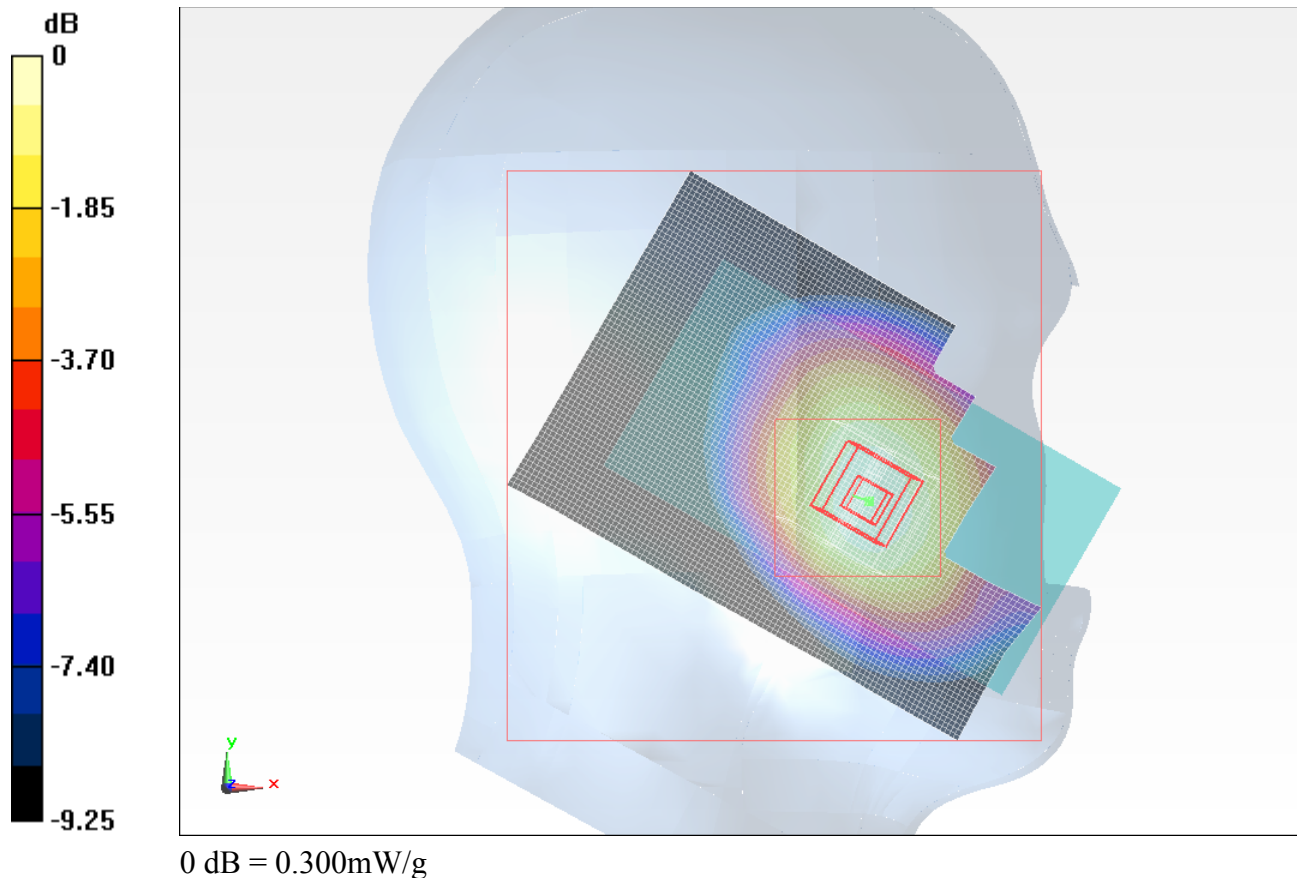
Reference Value = 18.341 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.343 W/kg

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.199 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



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## 06\_Head\_Left Tilt\_GSM850 (VOIP)

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.65, 8.65, 8.65); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**GSM850\_2 slot/Left Tilt\_M ch/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.181 mW/g

**GSM850\_2 slot/Left Tilt\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

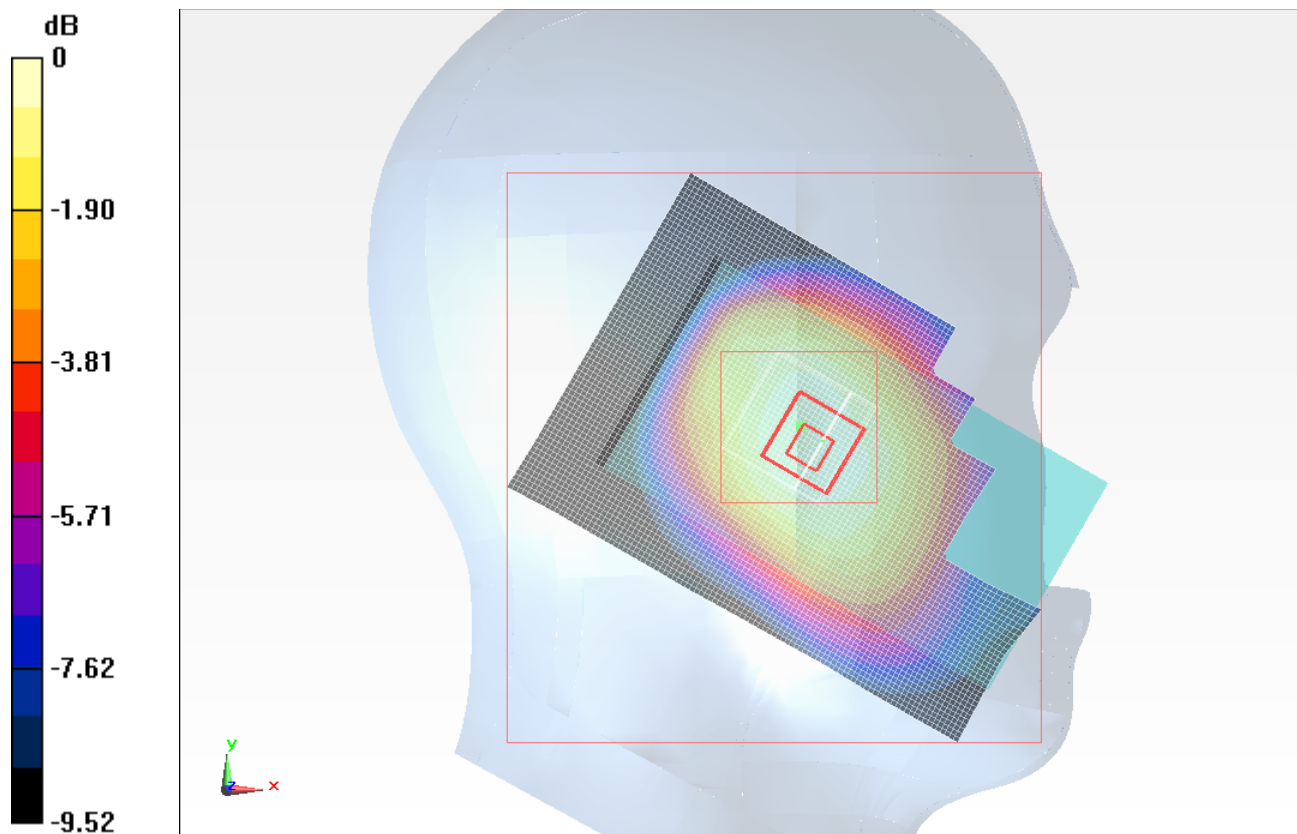
Reference Value = 14.024 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.204 W/kg

**SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.125 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.178 mW/g



0 dB = 0.180mW/g

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## 07\_Head\_Right Touch\_GSM850 (VOIP)

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.65, 8.65, 8.65); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GSM850\_2 slot/Right\_Touch\_M ch/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.242 mW/g

**GSM850\_2 slot/Right\_Touch\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

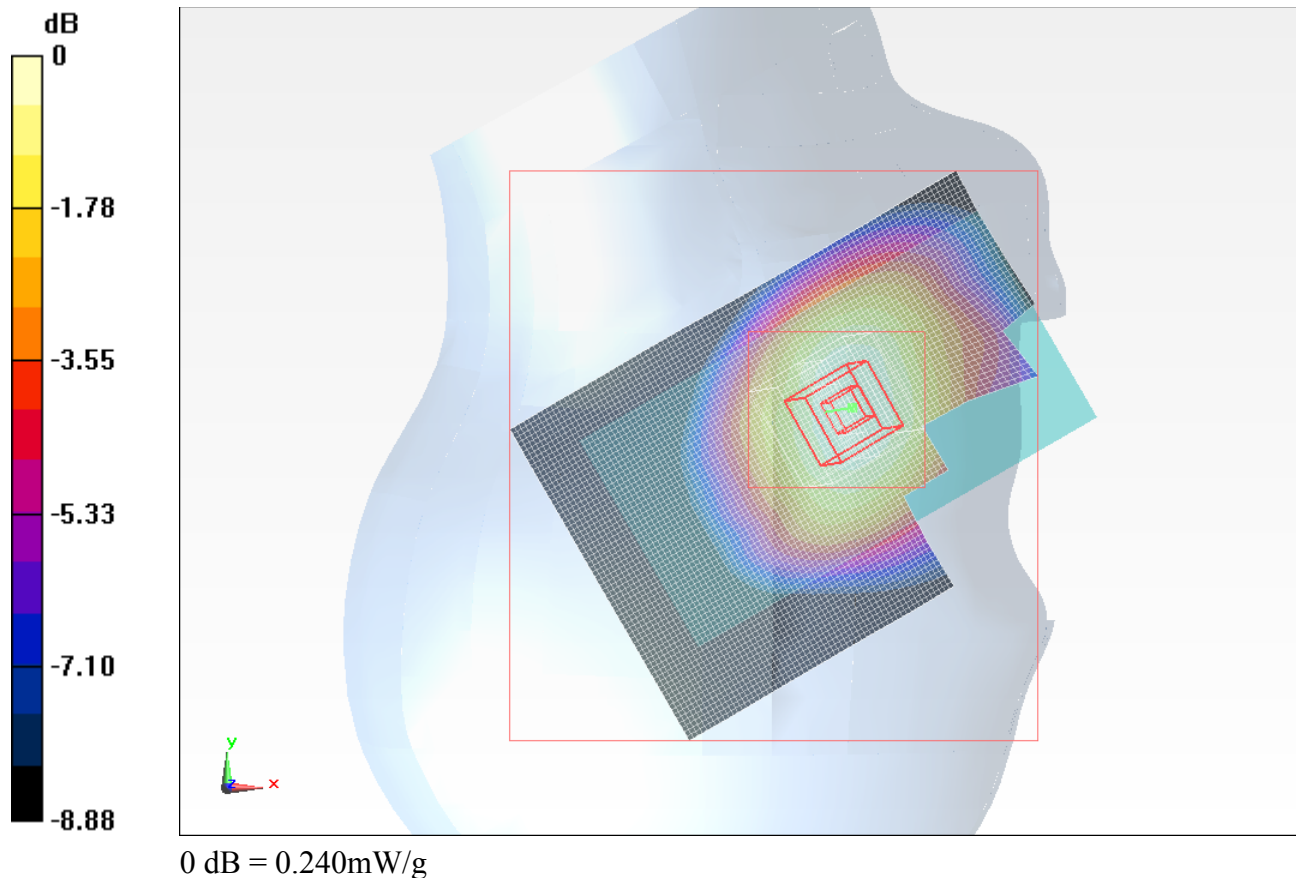
Reference Value = 16.481 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.264 W/kg

**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.165 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.238 mW/g



Test Laboratory: UL CCS SAR Lab A

## 08\_Head\_Right Tilt\_GSM850 (VOIP)

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.65, 8.65, 8.65); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GSM850\_2 slot/Right\_Tilt\_M ch/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

**GSM850\_2 slot/Right\_Tilt\_M ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

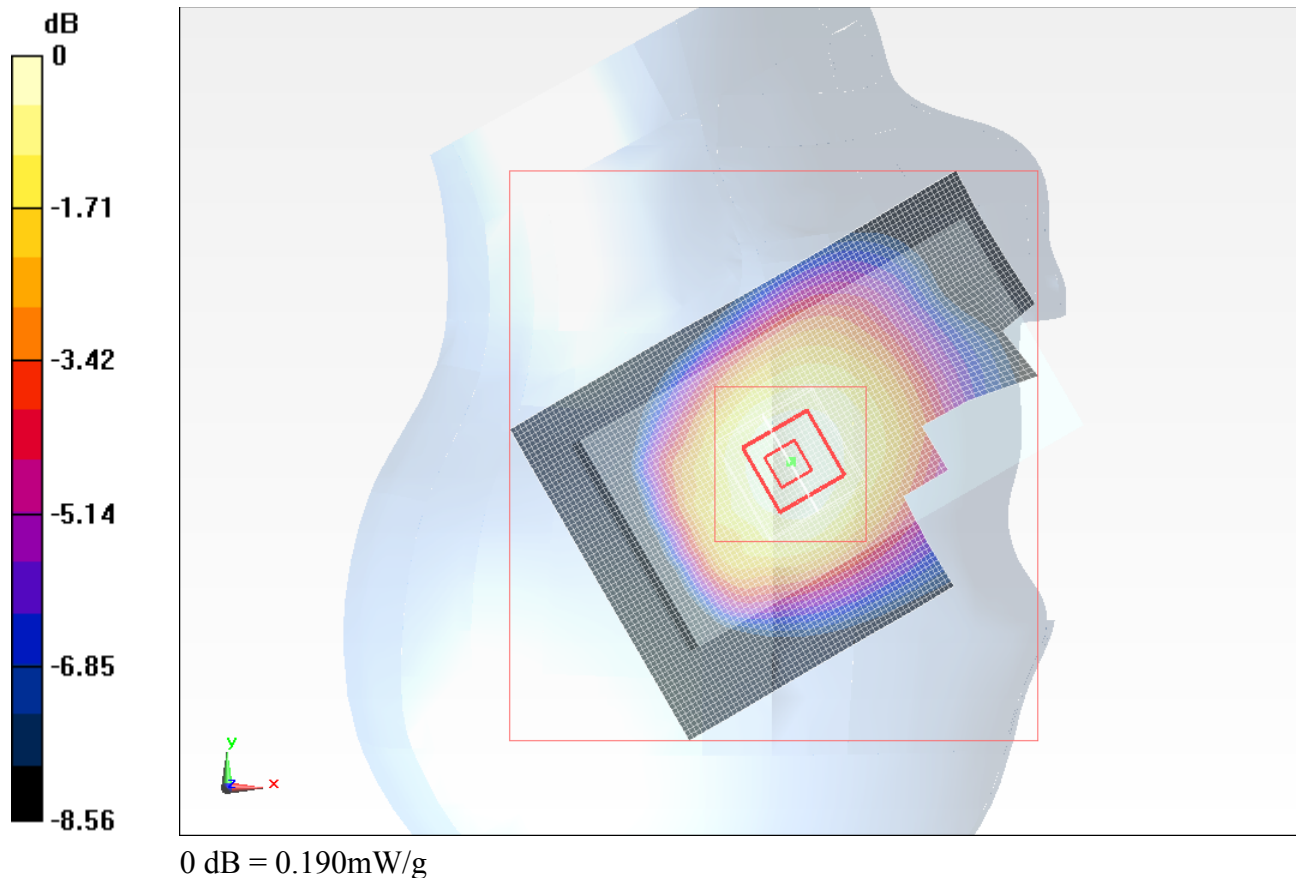
Reference Value = 14.511 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.210 W/kg

**SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.133 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



Test Laboratory: UL CCS SAR Lab A

**01\_Rear\_GPRS850**

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.997$  mho/m;  $\epsilon_r = 55.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

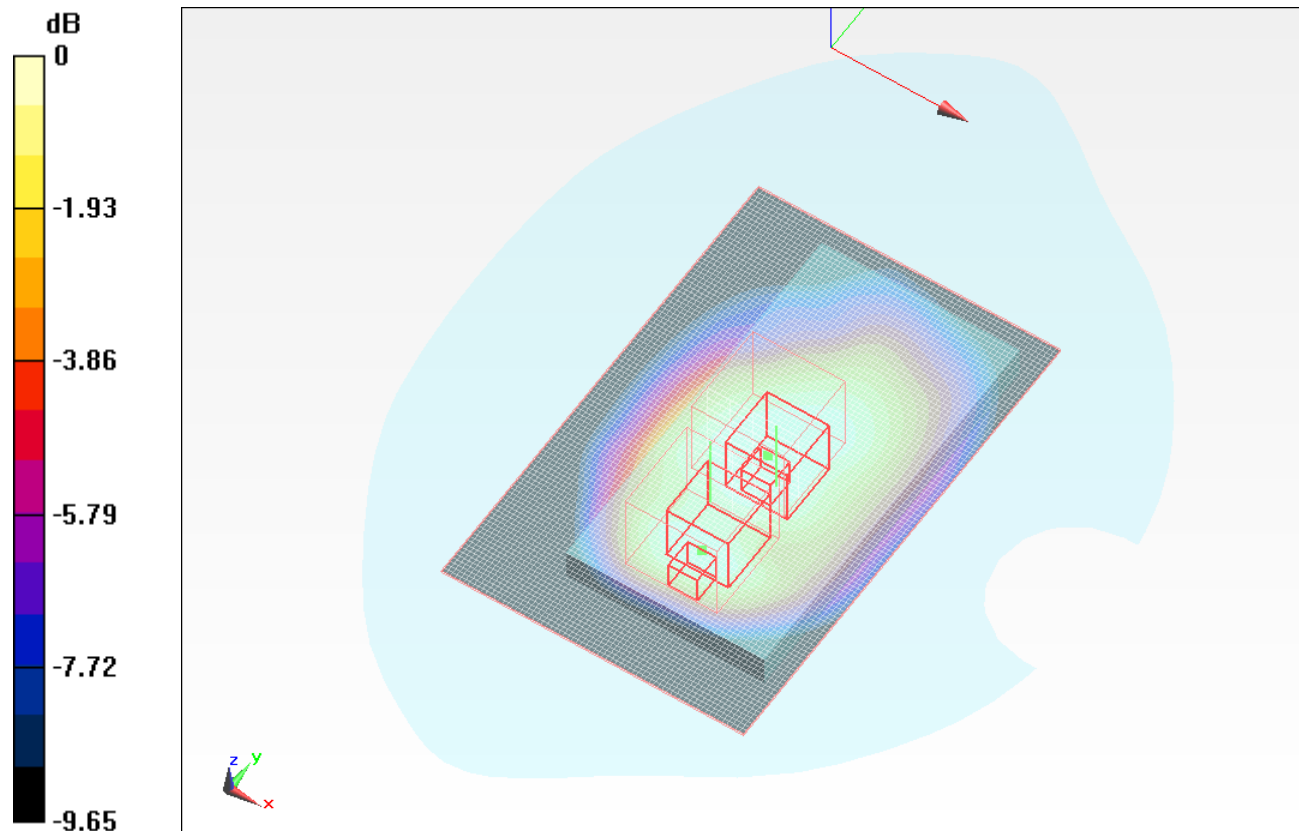
DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.78, 8.78, 8.78); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GRPS\_2 slot/M\_Ch/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.363 mW/g

**GRPS\_2 slot/M\_Ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 18.132 V/m; Power Drift = 0.02  
 Peak SAR (extrapolated) = 0.381 W/kg  
**SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.161 mW/g**  
 Maximum value of SAR (measured) = 0.305 mW/g

**GRPS\_2 slot/M\_Ch/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 18.132 V/m; Power Drift = 0.02  
 Peak SAR (extrapolated) = 0.393 W/kg  
**SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.219 mW/g**  
 Maximum value of SAR (measured) = 0.335 mW/g



0 dB = 0.330mW/g

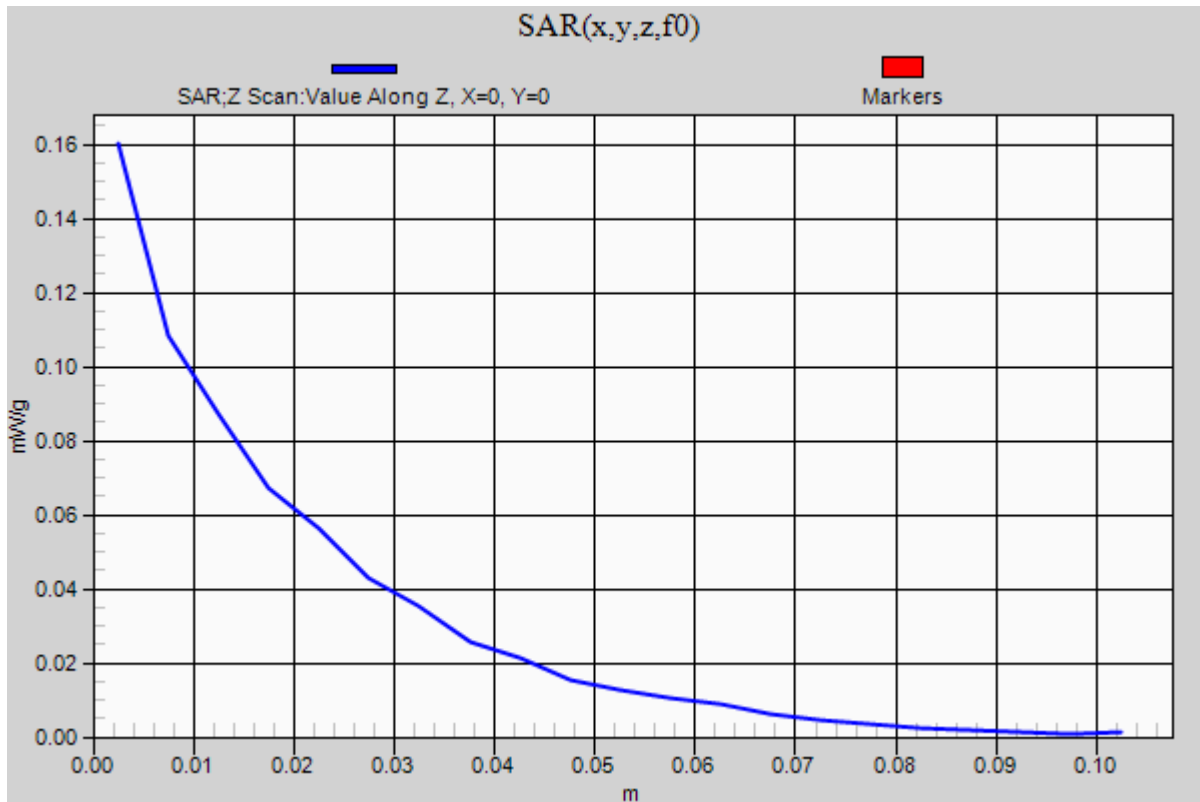
Test Laboratory: UL CCS SAR Lab A

**01\_Rear\_GPRS850**

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

**GRPS\_2 slot/M\_Ch/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mmInfo: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.160 mW/g



Test Laboratory: UL CCS SAR Lab A

**01\_Rear\_GPRS850**

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.997$  mho/m;  $\epsilon_r = 55.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.78, 8.78, 8.78); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GRPS\_2 slot/M\_Ch with Headset/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

**GRPS\_2 slot/M\_Ch with Headset/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

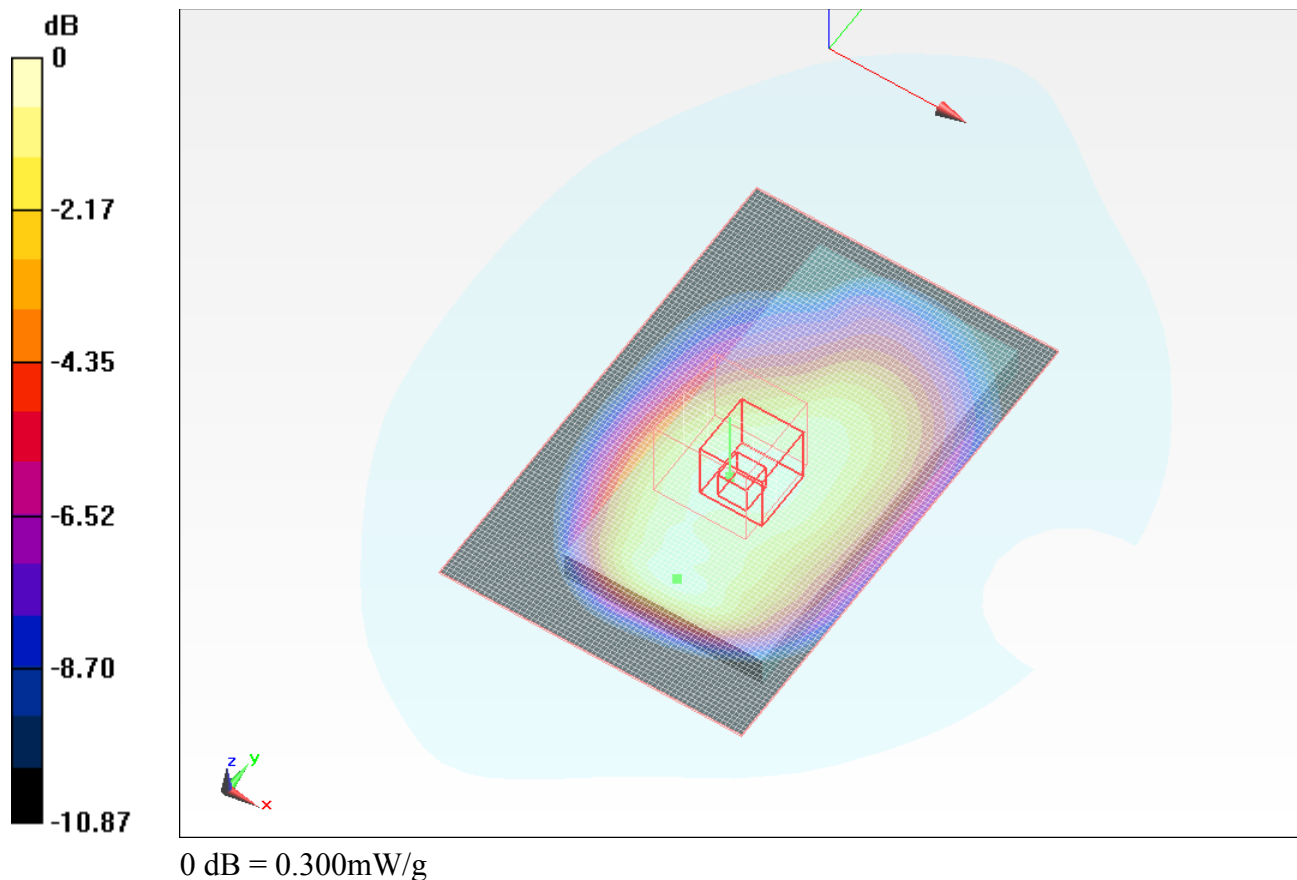
Reference Value = 17.350 V/m; Power Drift = 0.031

Peak SAR (extrapolated) = 0.355 W/kg

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.194 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.301 mW/g



Test Laboratory: UL CCS SAR Lab A

## 02\_Front\_GPRS850

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.997$  mho/m;  $\epsilon_r = 55.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.78, 8.78, 8.78); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GRPS\_2 slot/M\_Ch/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.238 mW/g

**GRPS\_2 slot/M\_Ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

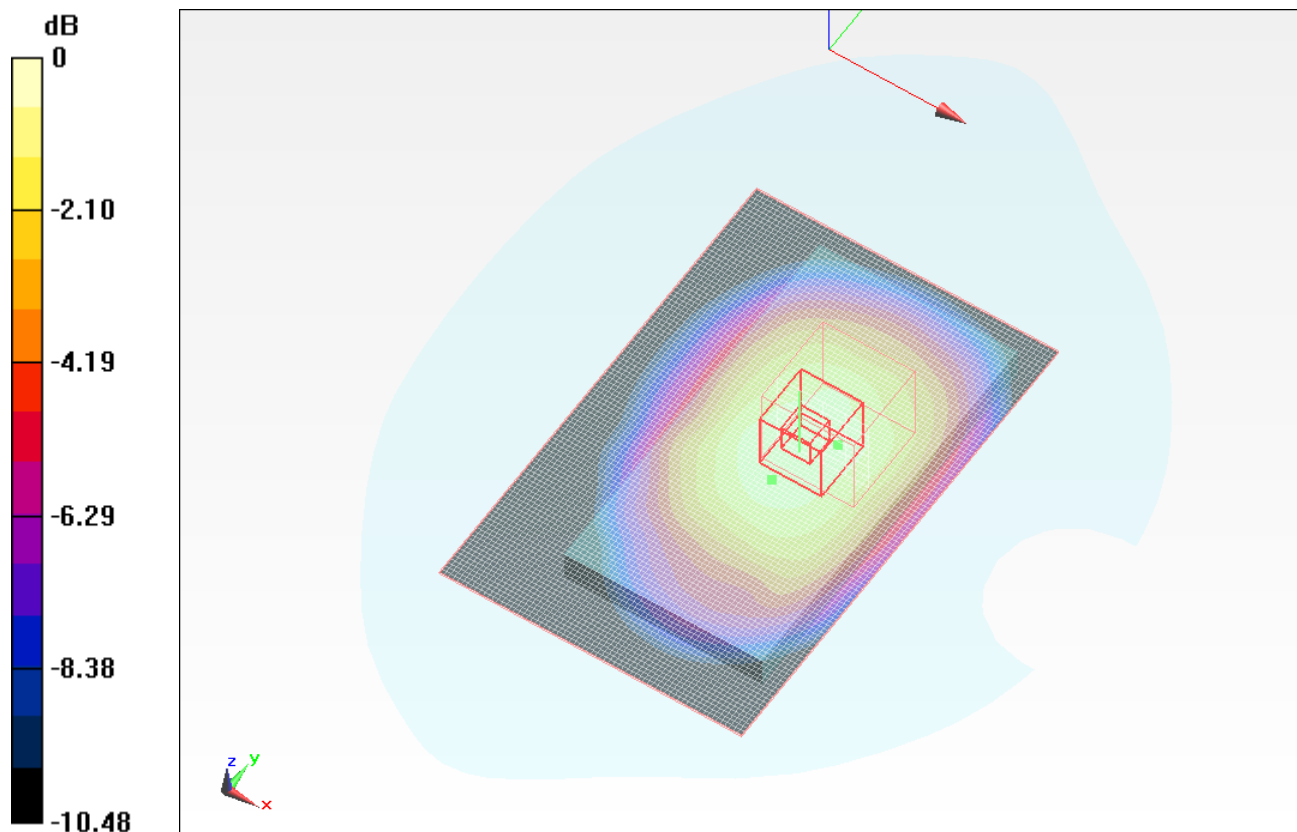
Reference Value = 14.924 V/m; Power Drift = **not measured**

Peak SAR (extrapolated) = 0.340 W/kg

**SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.204 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.300 mW/g



0 dB = 0.300mW/g

Test Laboratory: UL CCS SAR Lab A

### 03\_Left Hand\_GPRS850

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.997$  mho/m;  $\epsilon_r = 55.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.78, 8.78, 8.78); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GPRS\_2 Slot/M-ch/Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

**GPRS\_2 Slot/M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

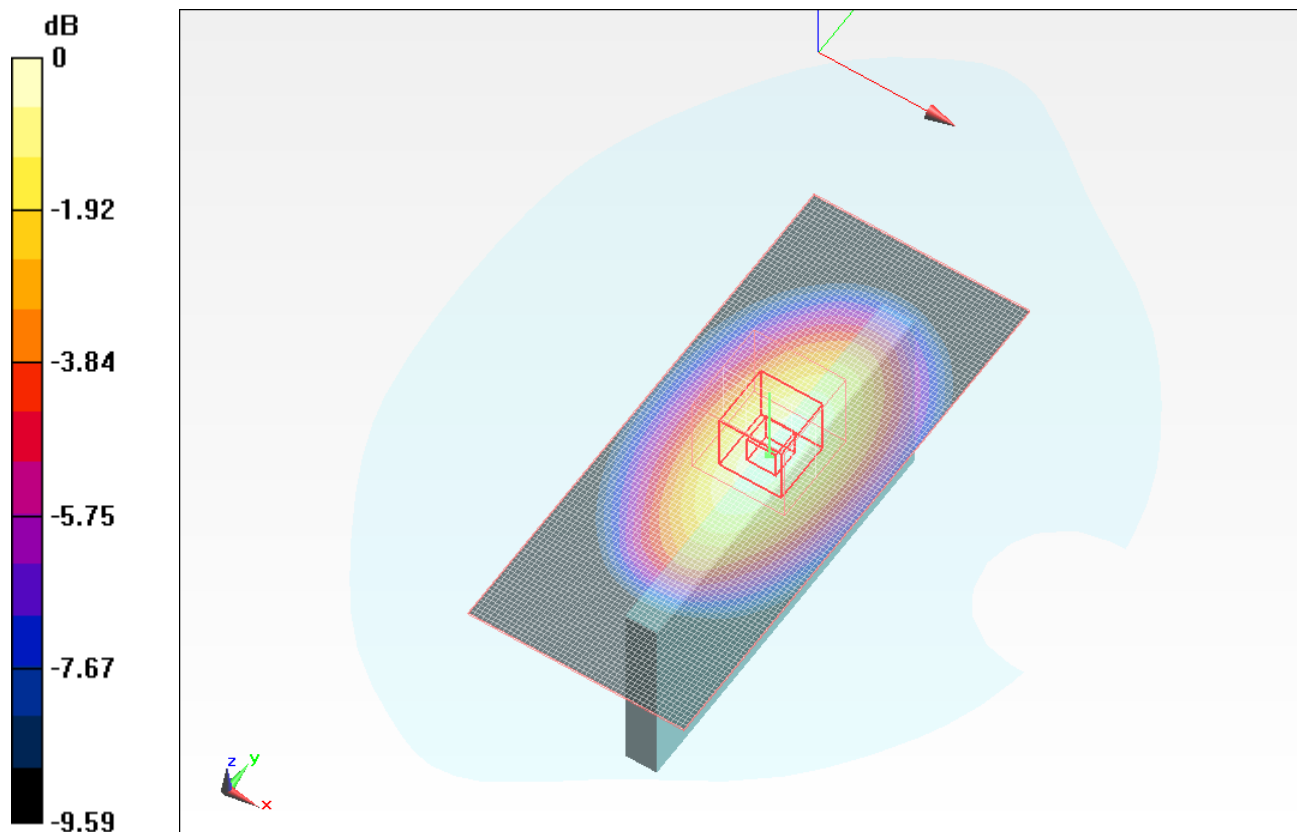
Reference Value = 17.441 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.185 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.317 mW/g



0 dB = 0.320mW/g

Test Laboratory: UL CCS SAR Lab A

## 04\_Right Hand\_GPRS850

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.997$  mho/m;  $\epsilon_r = 55.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.78, 8.78, 8.78); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GPRS\_2 Slot/M-ch/Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.175 mW/g

**GPRS\_2 Slot/M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

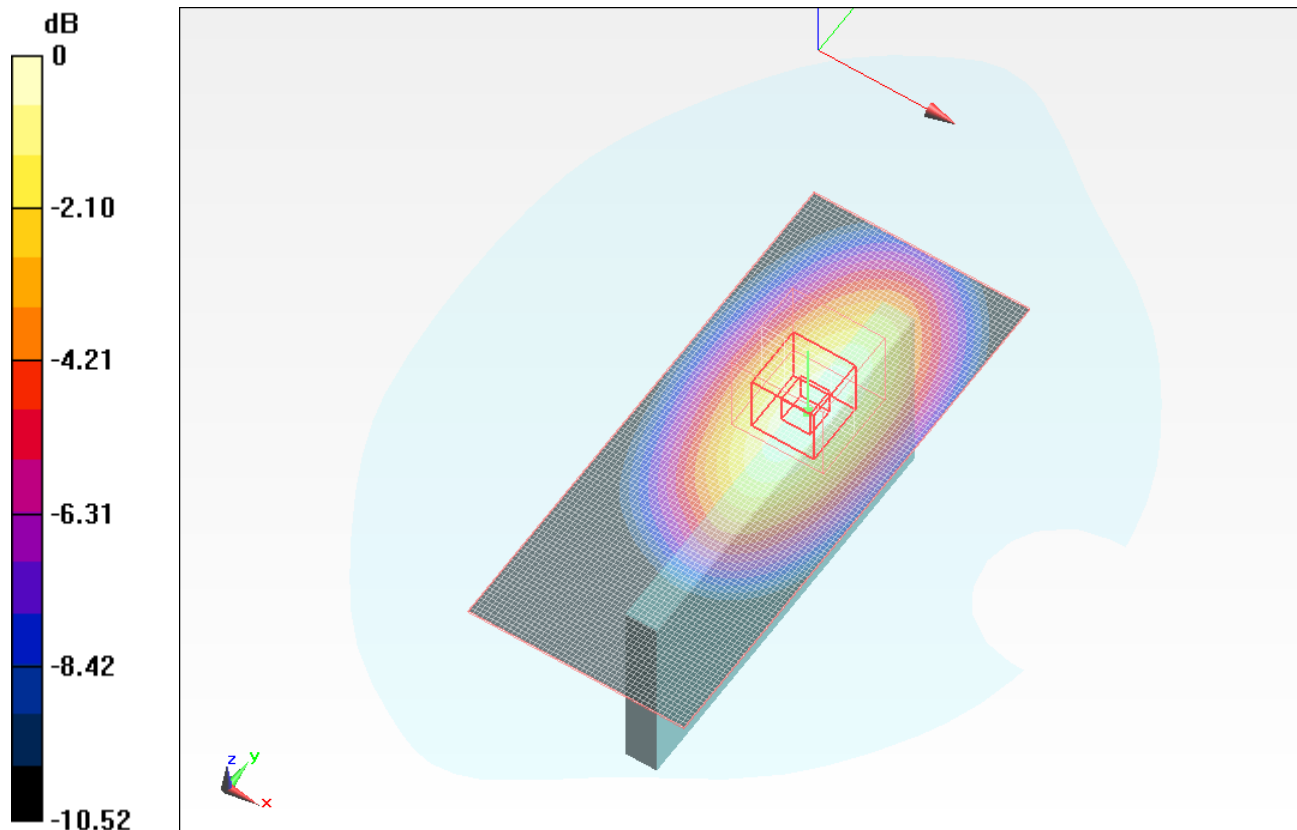
Reference Value = 13.306 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.221 W/kg

**SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.105 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.182 mW/g



0 dB = 0.180mW/g

Test Laboratory: UL CCS SAR Lab A

## 05\_Bottom\_GPRS850

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.997$  mho/m;  $\epsilon_r = 55.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.78, 8.78, 8.78); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**GPRS\_2 slot/M-ch/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.121 mW/g

**GPRS\_2 slot/M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

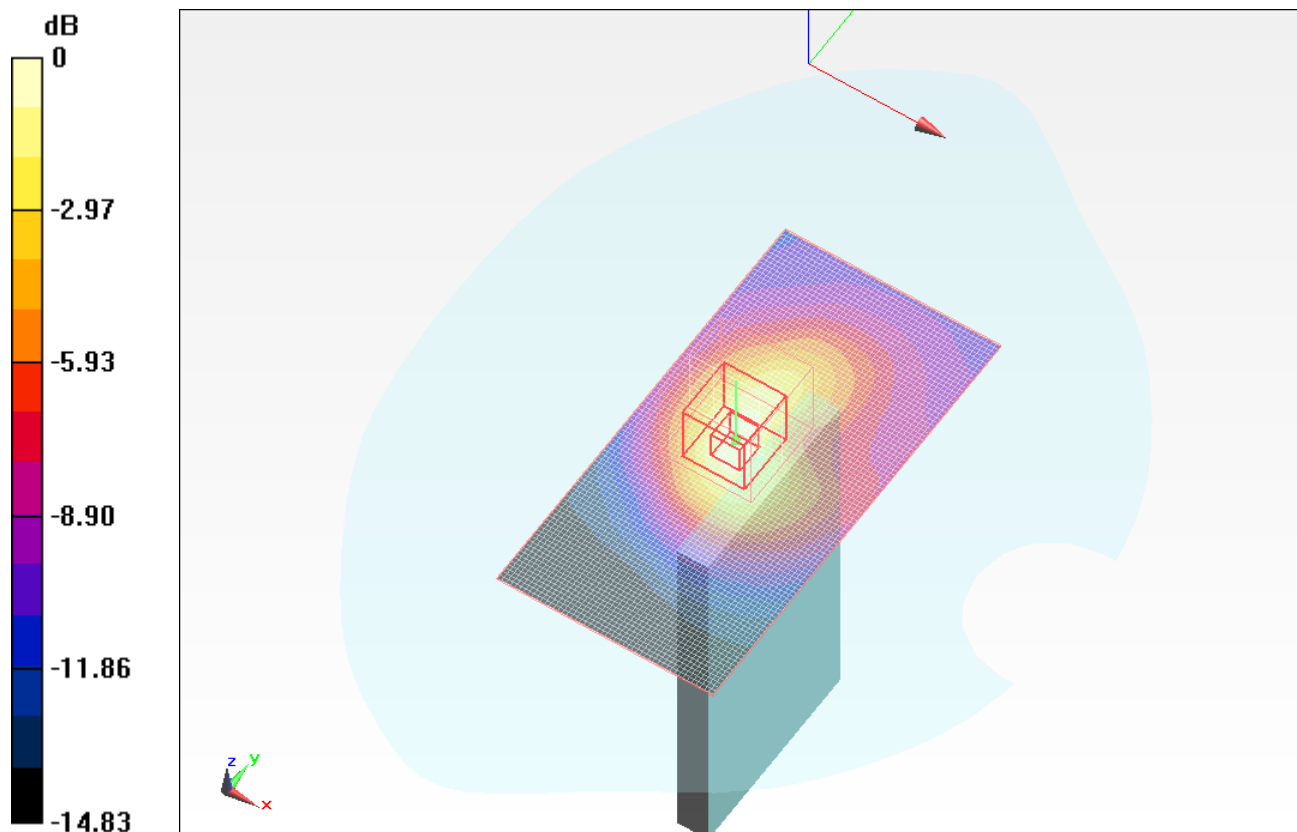
Reference Value = 11.128 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.165 W/kg

**SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.059 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.130mW/g