

Test Laboratory: UL CCS SAR Lab C

**GSM850\_Left Hand Side\_Ant Primary**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042  
 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.848$  mho/m;  $\epsilon_r = 41.777$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Touch/L-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.068 mW/g

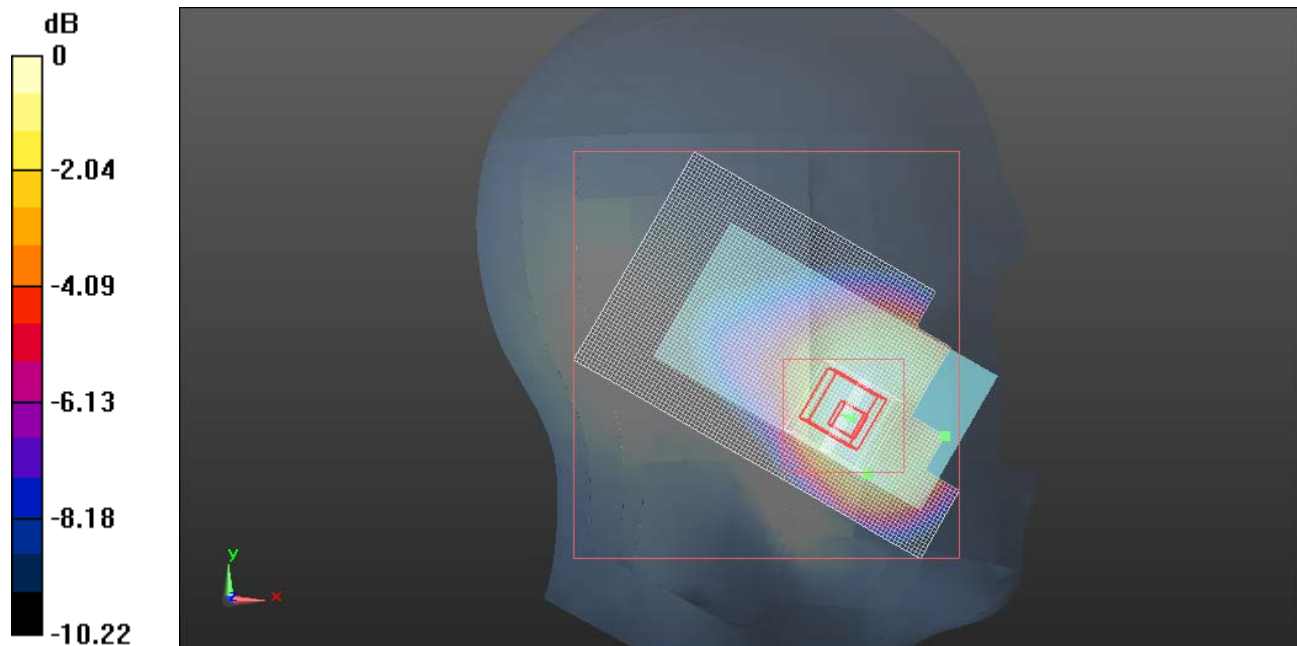
**Touch/L-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 34.873 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.201 W/kg

**SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.652 mW/g**

Maximum value of SAR (measured) = 1.060 mW/g



0 dB = 1.060mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Left Hand Side\_Ant Primary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.86$  mho/m;  $\epsilon_r = 41.662$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Touch/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.244 mW/g

**Touch/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

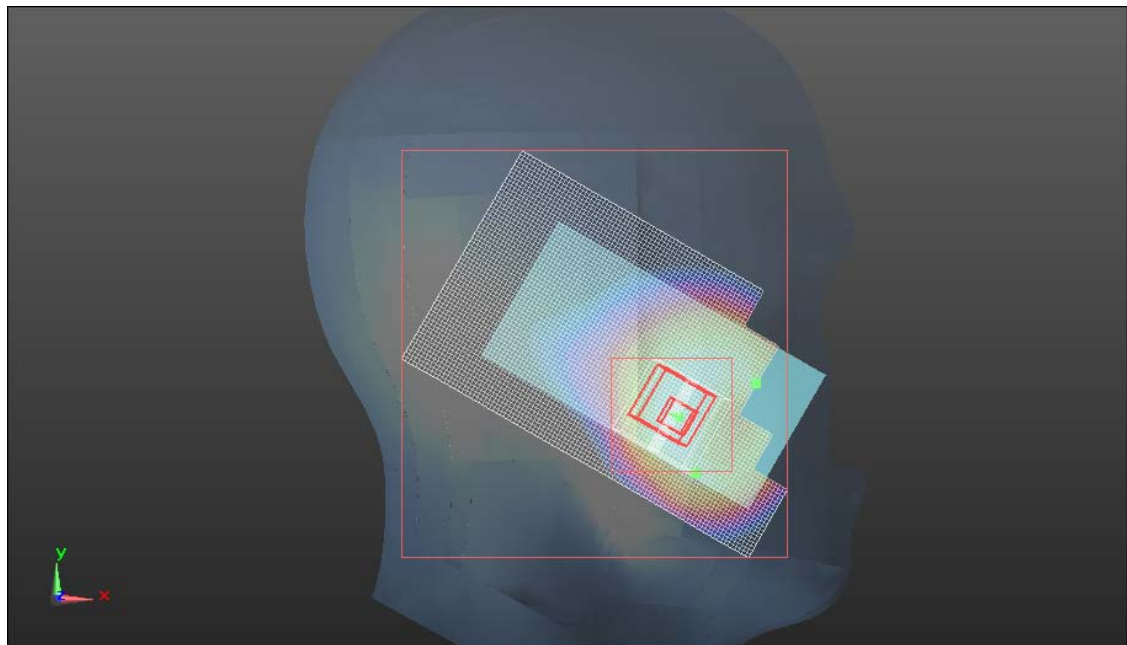
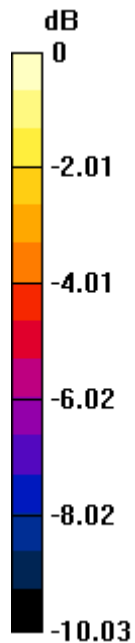
Reference Value = 37.023 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.349 W/kg

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.740 mW/g**

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

Maximum value of SAR (measured) = 1.194 mW/g



0 dB = 1.190mW/g

Test Laboratory: UL CCS SAR Lab C

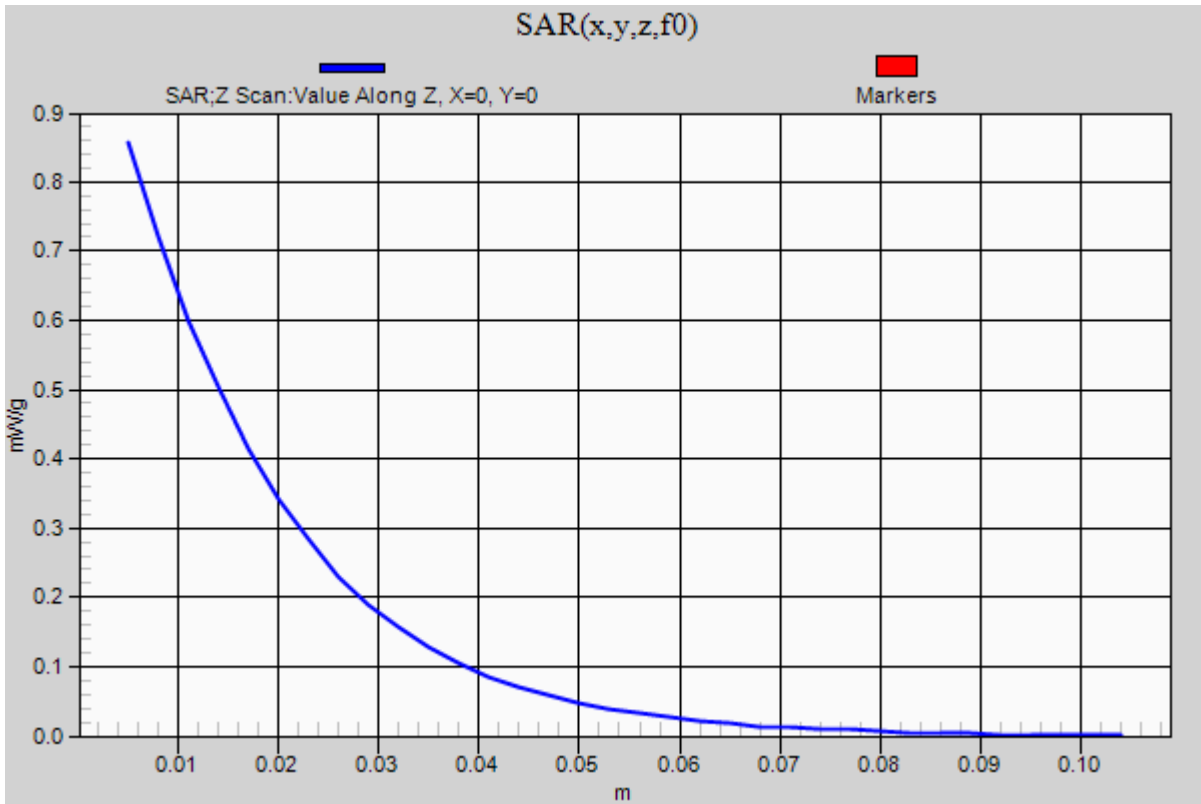
### GSM850\_Left Hand Side\_Ant Primary

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

**Touch/M-ch/Z Scan (1x1x34):** Measurement grid: dx=20mm, dy=20mm, dz=3mm

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

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



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## GSM850\_Left Hand Side\_Ant Primary

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.872$  mho/m;  $\epsilon_r = 41.534$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Touch/H-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.210 mW/g

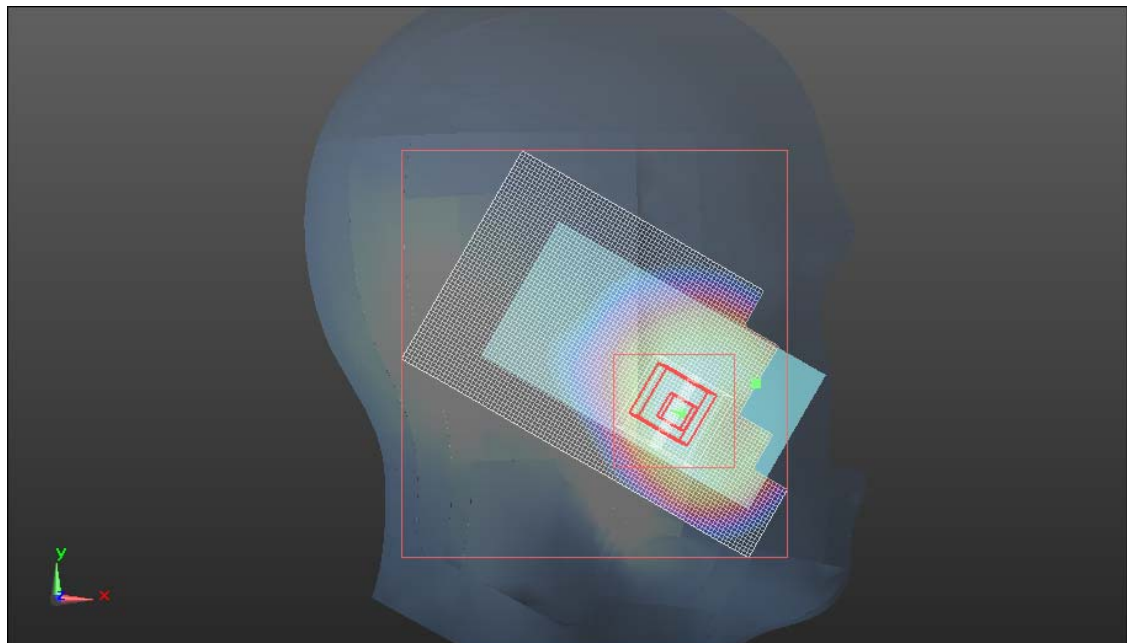
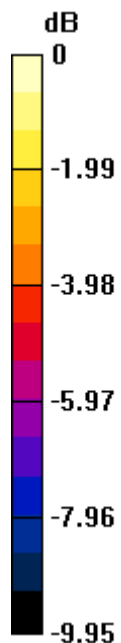
**Touch/H-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 35.074 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.317 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.729 mW/g**Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.167 mW/g



0 dB = 1.170mW/g

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## GSM850\_Left Hand Side\_Ant Primary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.86$  mho/m;  $\epsilon_r = 41.662$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Tilt/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.264 mW/g

**Tilt/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

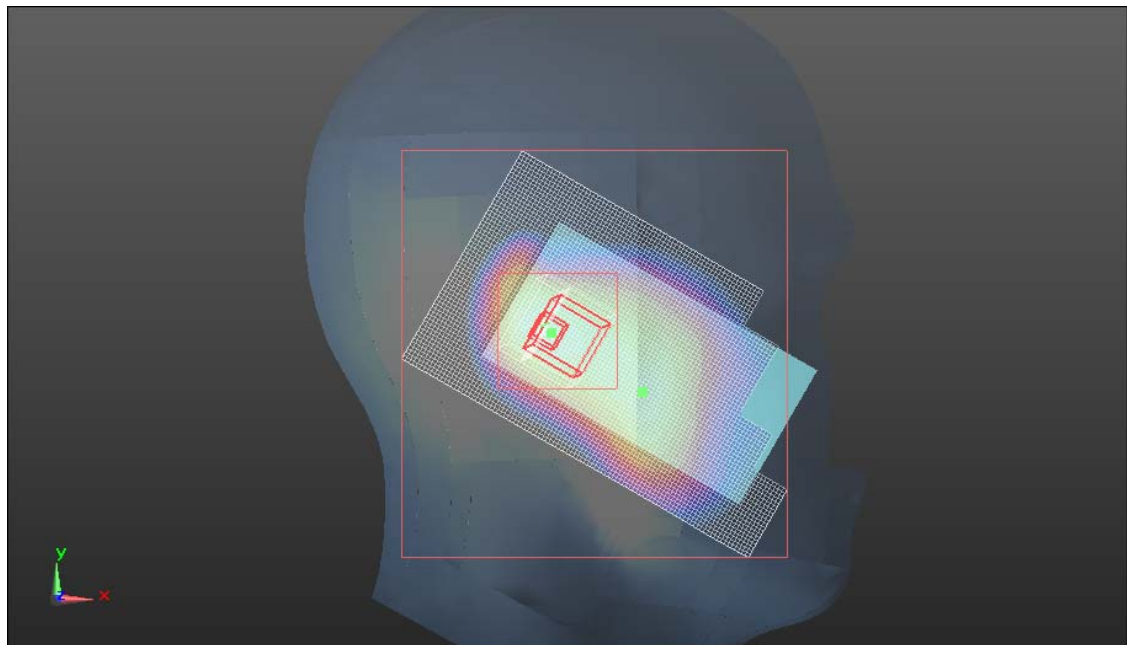
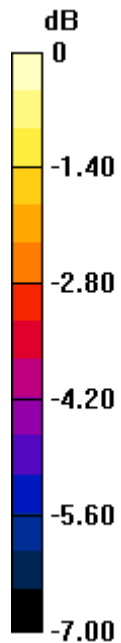
Reference Value = 16.034 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.314 W/kg

**SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.165 mW/g**

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

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



0 dB = 0.270mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Right Hand Side\_Ant Primary

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042  
Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.848$  mho/m;  $\epsilon_r = 41.777$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

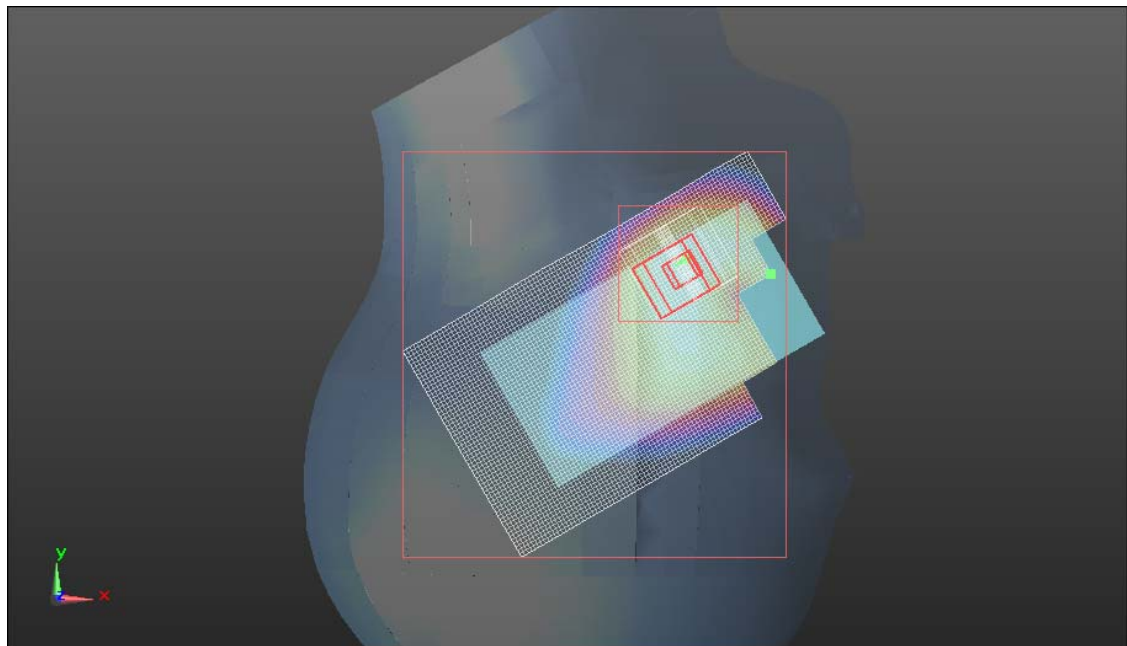
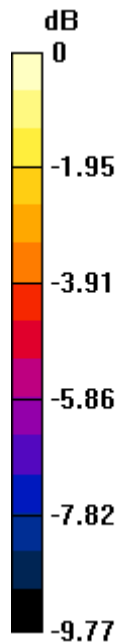
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Touch/L-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.819 mW/g

**Touch/L-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 31.167 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 1.017 W/kg  
**SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.444 mW/g**  
Maximum value of SAR (measured) = 0.782 mW/g



0 dB = 0.780mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Right Hand Side\_Ant Primary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.86$  mho/m;  $\epsilon_r = 41.662$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Touch/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.995 mW/g

**Touch/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

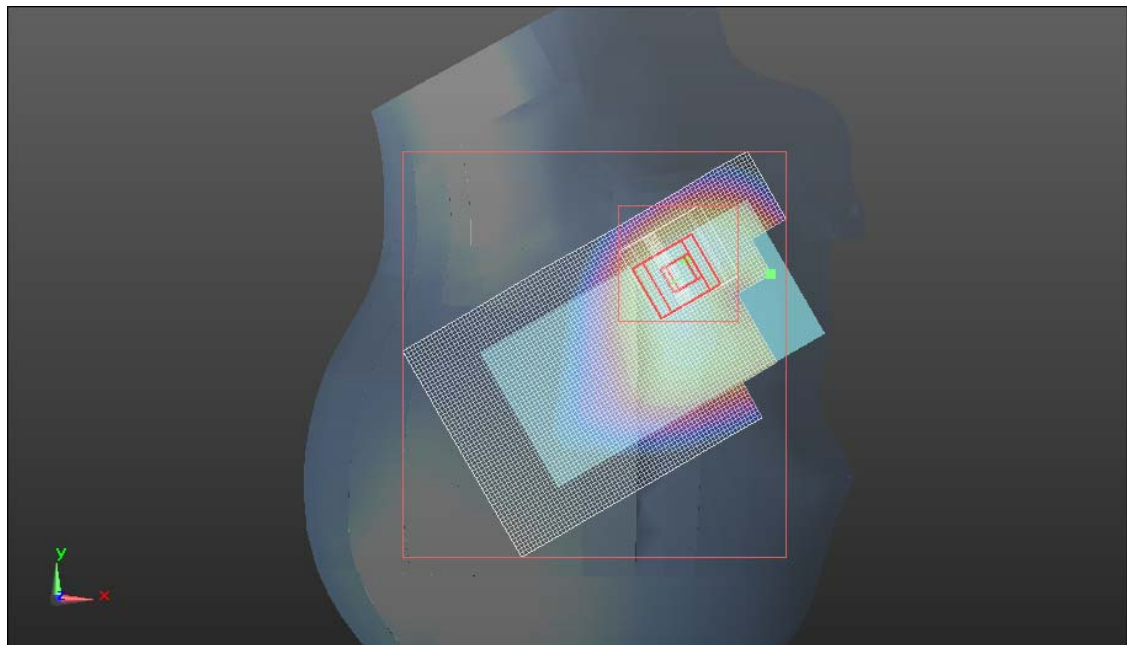
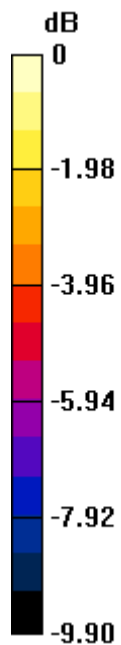
Reference Value = 33.326 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.214 W/kg

**SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.536 mW/g**

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

Maximum value of SAR (measured) = 0.950 mW/g



0 dB = 0.950mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Right Hand Side\_Ant Primary

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.872$  mho/m;  $\epsilon_r = 41.534$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Touch/H-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.057 mW/g

**Touch/H-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

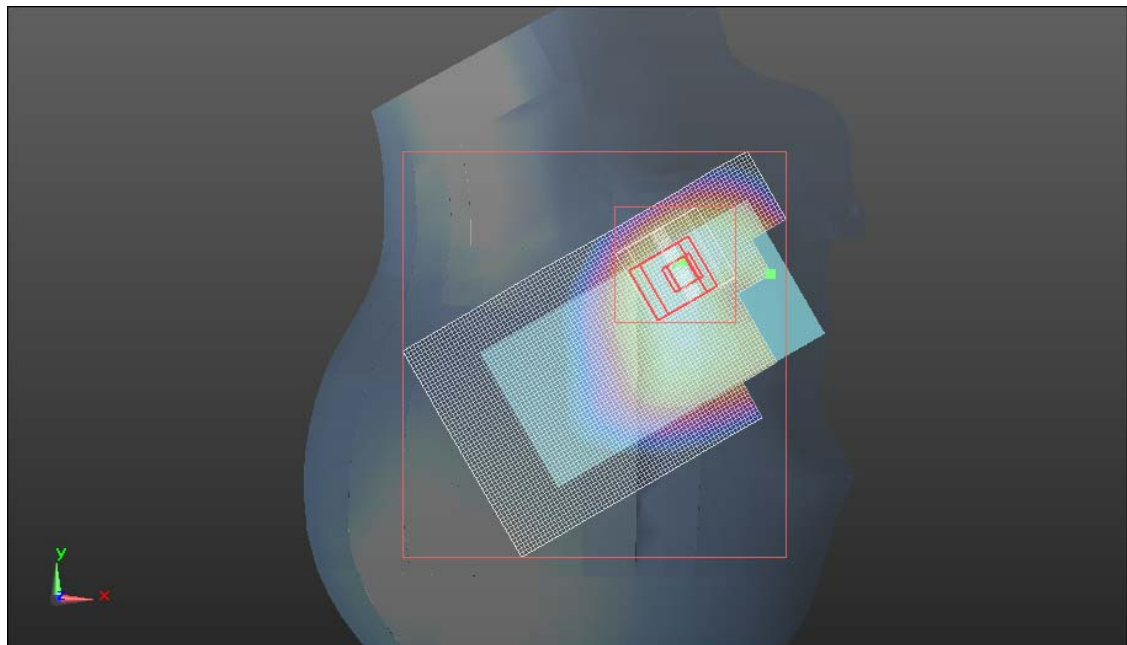
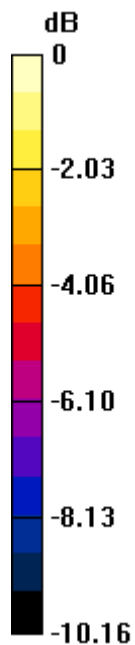
Reference Value = 35.036 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.300 W/kg

**SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.580 mW/g**

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

Maximum value of SAR (measured) = 1.013 mW/g



0 dB = 1.010mW/g



Test Laboratory: UL CCS SAR Lab C

## GSM850\_Right Hand Side\_Ant Primary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.86$  mho/m;  $\epsilon_r = 41.662$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Tilt/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.362 mW/g

**Tilt/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

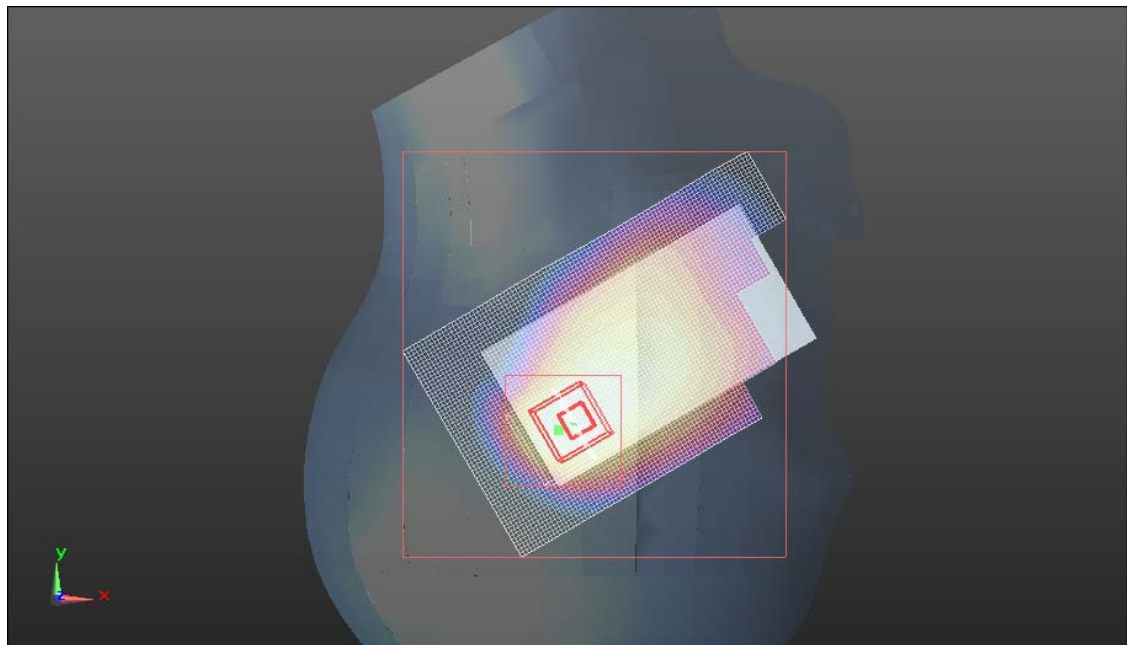
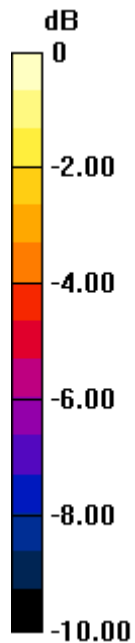
Reference Value = 16.864 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.396 W/kg

**SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.192 mW/g**

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

Maximum value of SAR (measured) = 0.320 mW/g



0 dB = 0.320mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Left Hand Side\_Ant Secondary

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042  
Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.848$  mho/m;  $\epsilon_r = 41.777$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Touch/L-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.985 mW/g

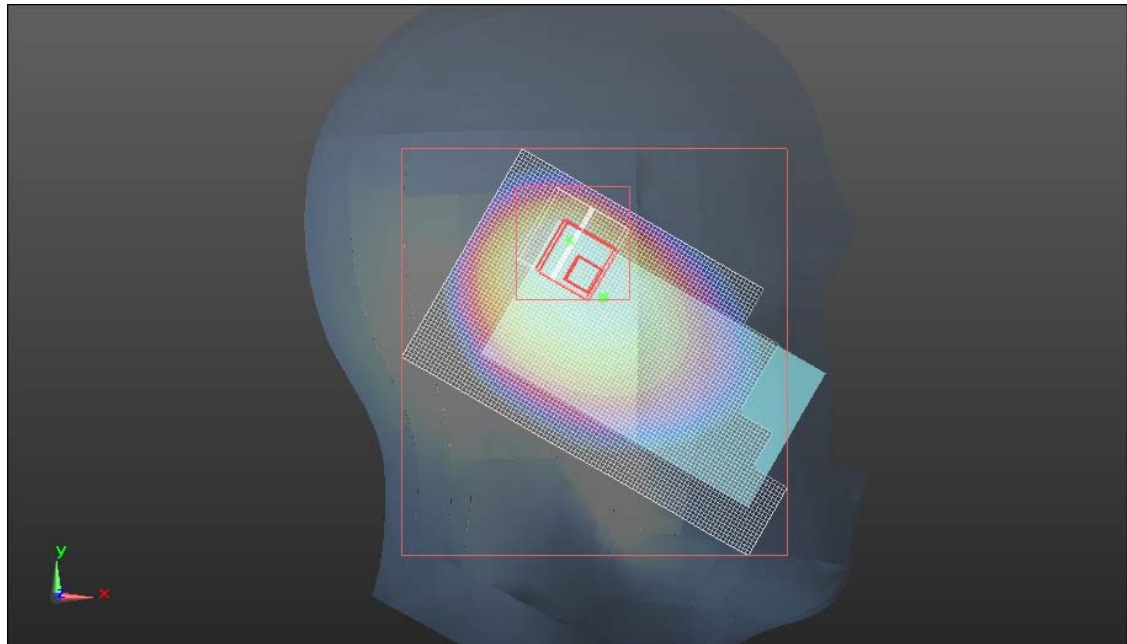
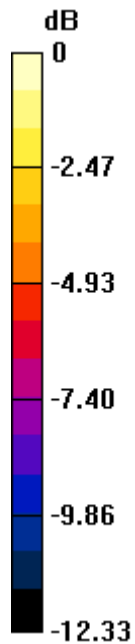
**Touch/L-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 31.798 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.320 W/kg

**SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.493 mW/g**

Maximum value of SAR (measured) = 0.861 mW/g



0 dB = 0.860mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Left Hand Side\_Ant Secondary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.86$  mho/m;  $\epsilon_r = 41.662$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Touch/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.075 mW/g

**Touch/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

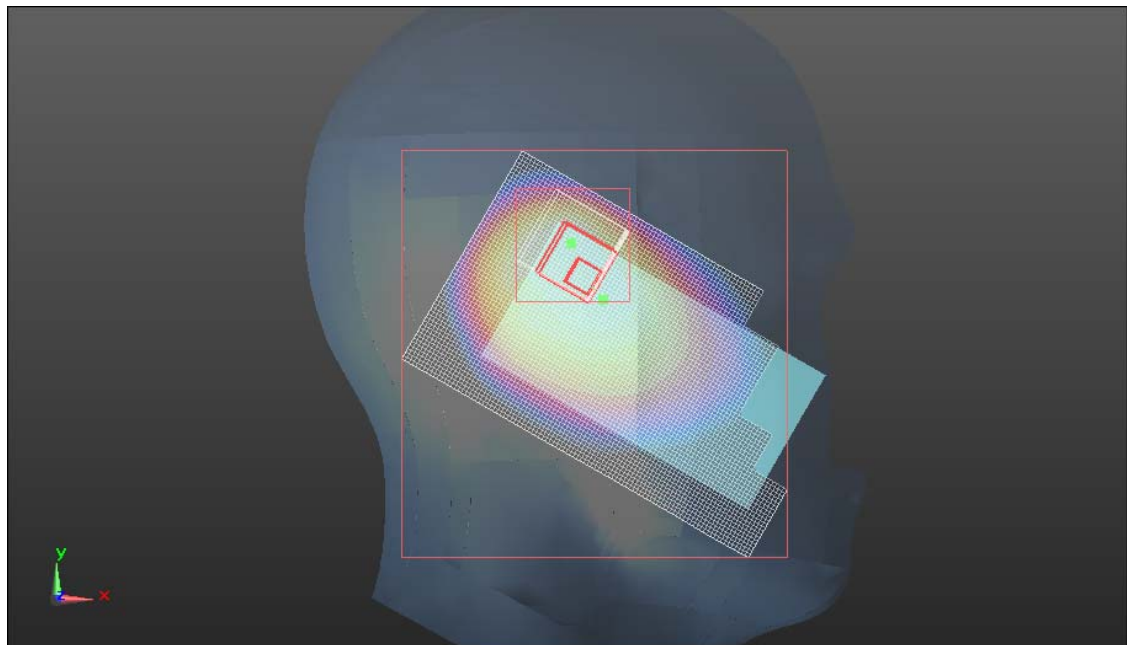
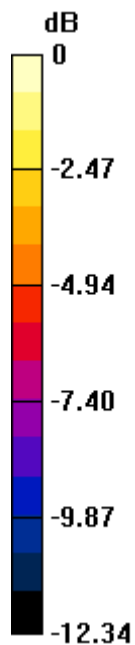
Reference Value = 33.107 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.434 W/kg

**SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.530 mW/g**

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

Maximum value of SAR (measured) = 0.930 mW/g



0 dB = 0.930mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Left Hand Side\_Ant Secondary

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.872$  mho/m;  $\epsilon_r = 41.534$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Touch/H-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.191 mW/g

**Touch/H-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

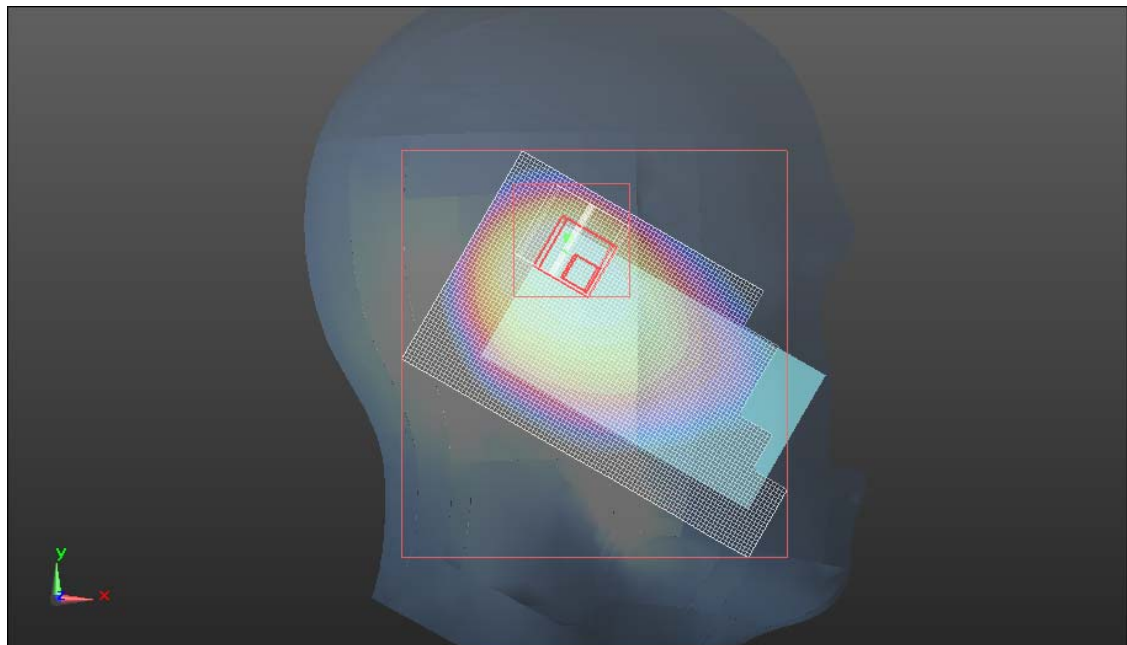
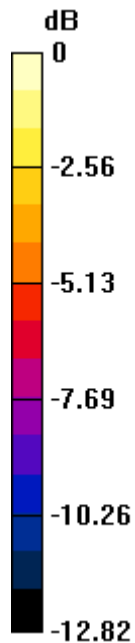
Reference Value = 34.190 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.561 W/kg

**SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.556 mW/g**

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

Maximum value of SAR (measured) = 1.006 mW/g



0 dB = 1.010mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Left Hand Side\_Ant Secondary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.86$  mho/m;  $\epsilon_r = 41.662$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Tilt/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.668 mW/g

**Tilt/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

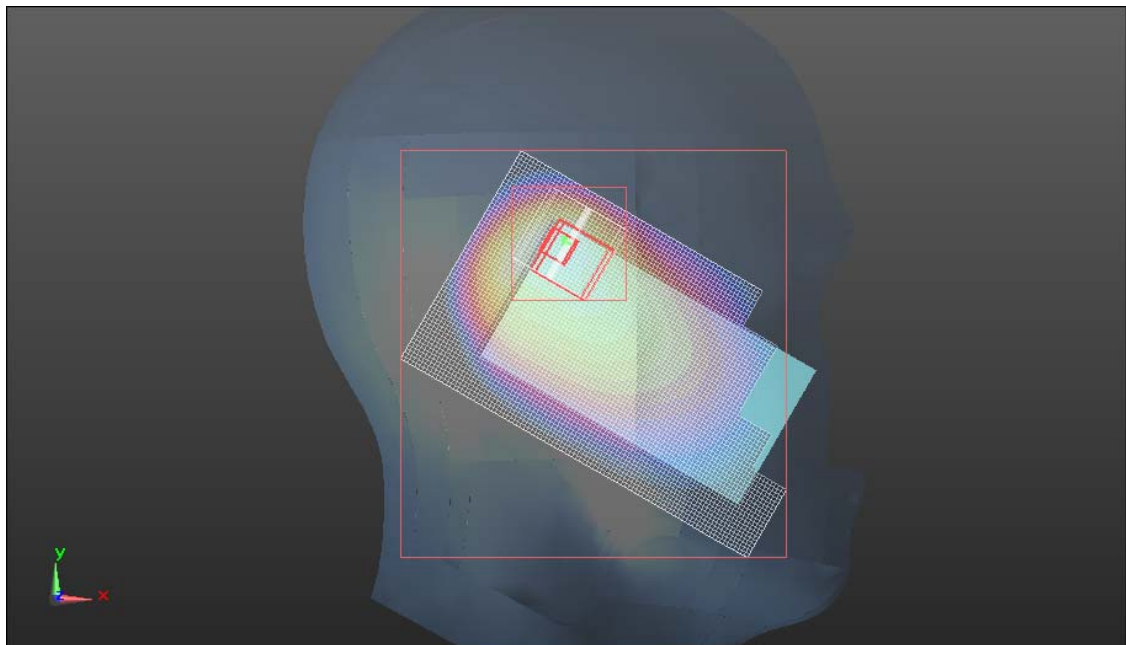
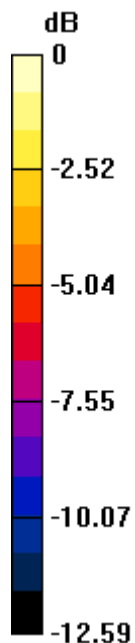
Reference Value = 20.145 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.048 W/kg

**SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.309 mW/g**

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

Maximum value of SAR (measured) = 0.628 mW/g



0 dB = 0.630mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Right Hand Side\_Ant Secondary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.86$  mho/m;  $\epsilon_r = 41.662$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Touch/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.815 mW/g

**Touch/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

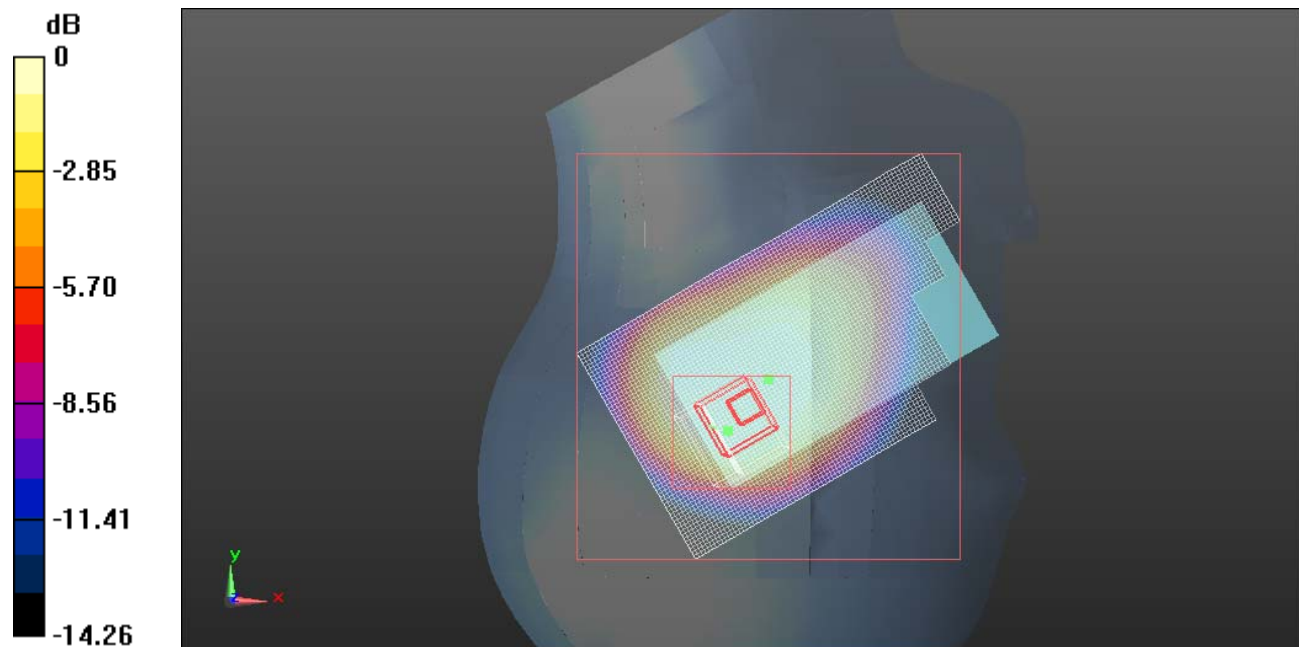
Reference Value = 29.272 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.086 W/kg

**SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.376 mW/g**

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

Maximum value of SAR (measured) = 0.697 mW/g



0 dB = 0.700mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Right Hand Side\_Ant Secondary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.86$  mho/m;  $\epsilon_r = 41.662$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Tilt/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Tilt/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

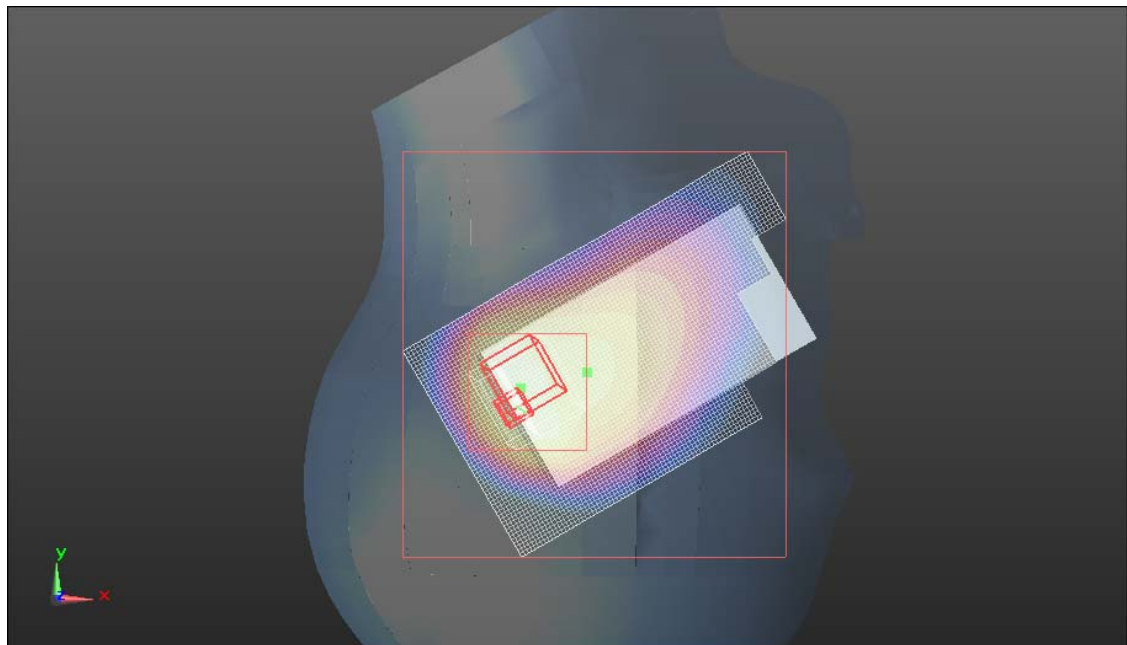
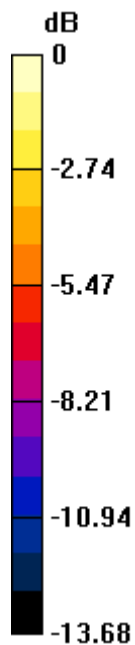
Reference Value = 23.104 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.026 W/kg

**SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.269 mW/g**

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

Maximum value of SAR (measured) = 0.579 mW/g



0 dB = 0.580mW/g

Test Laboratory: UL CCS SAR Lab D

## EU\_GSM850\_Left Hand Side\_Ant Secondary

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 43$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

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

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1259; Calibrated: 5/3/2011
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch\_H-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Touch\_H-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

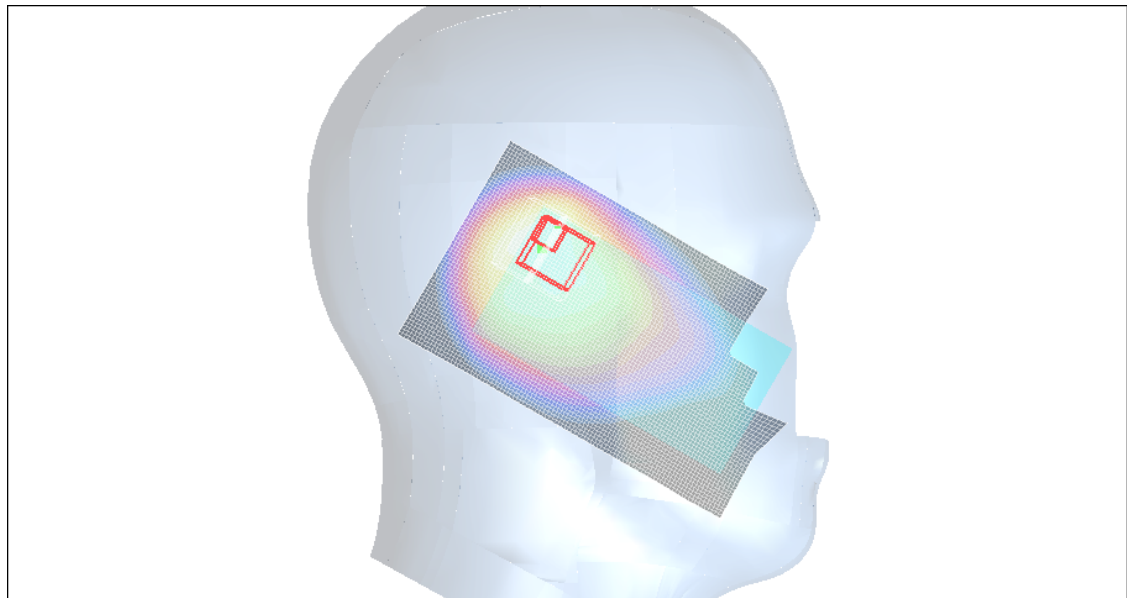
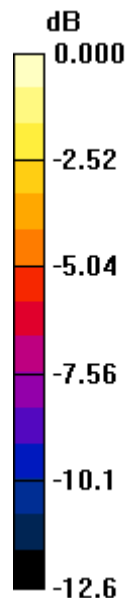
Reference Value = 29.1 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.420 mW/g**

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

Maximum value of SAR (measured) = 0.836 mW/g



0 dB = 0.836mW/g



Test Laboratory: UL CCS SAR Lab D

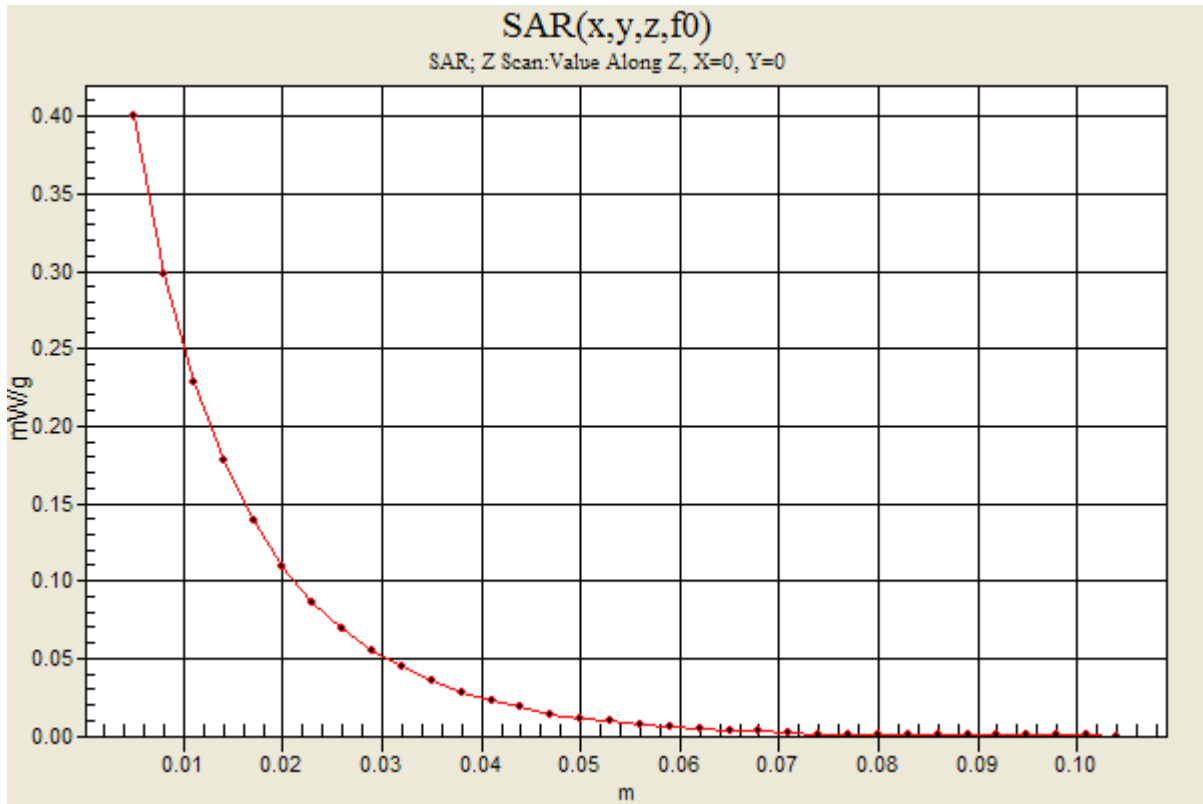
## EU\_GSM850\_Left Hand Side\_Ant Secondary

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

**Touch\_H-ch/Z Scan (1x1x34):** Measurement grid: dx=20mm, dy=20mm, dz=3mm

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

Maximum value of SAR (measured) = 0.400 mW/g



Test Laboratory: UL CCS SAR Lab C

## GSM850\_Body\_Ant Primary

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 55.419$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/L-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.953 mW/g

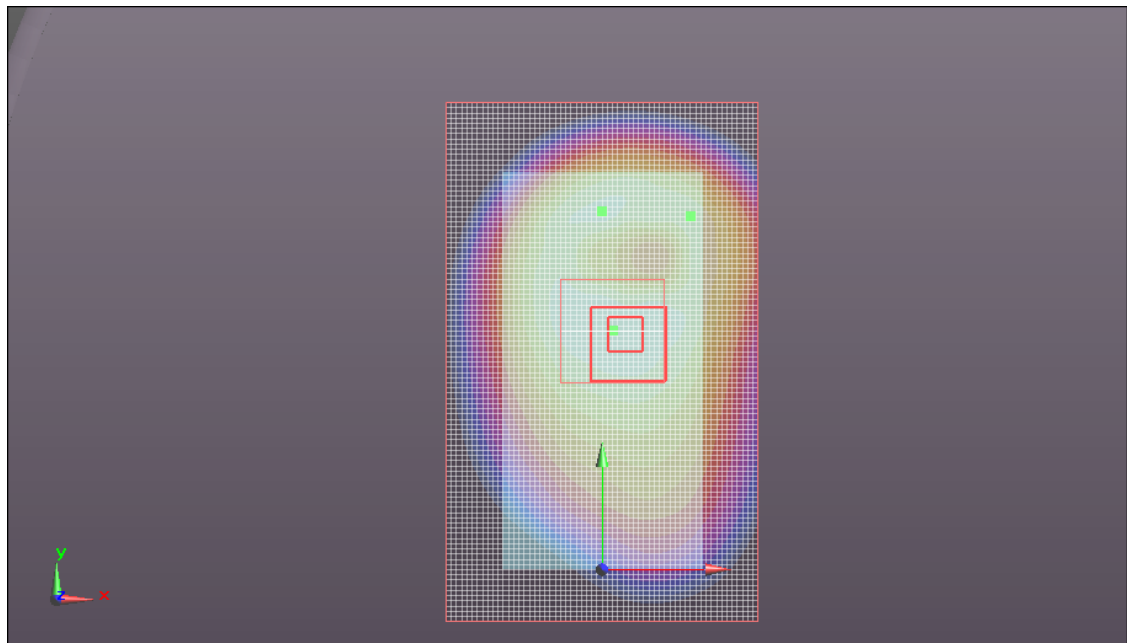
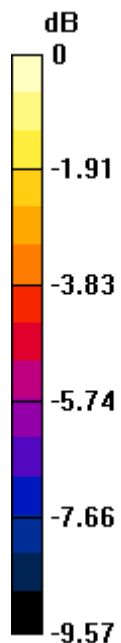
**Front side/L-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 31.492 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.098 W/kg

**SAR(1 g) = 0.824 mW/g; SAR(10 g) = 0.598 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.950 mW/g



0 dB = 0.950mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Body\_Ant Primary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 55.37$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.903 mW/g

**Front side/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

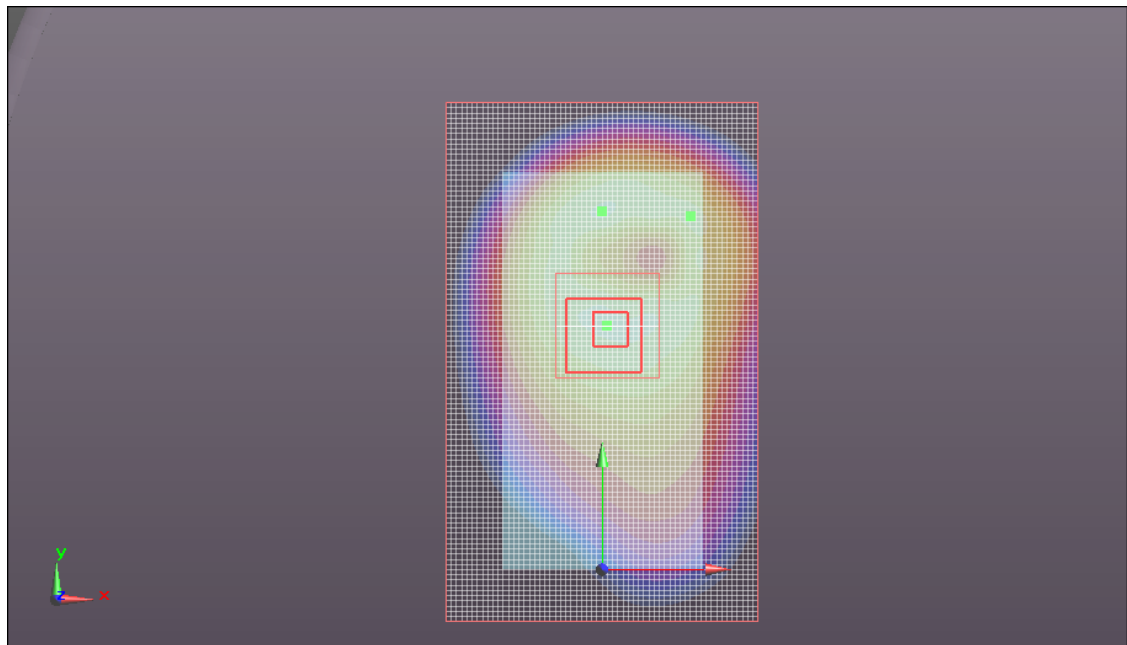
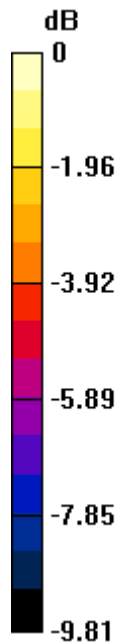
Reference Value = 30.385 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.278 W/kg

**SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.604 mW/g**

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

Maximum value of SAR (measured) = 1.013 mW/g



0 dB = 1.010mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Body\_Ant Primary

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 55.309$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/H-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.152 mW/g

**Front side/H-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

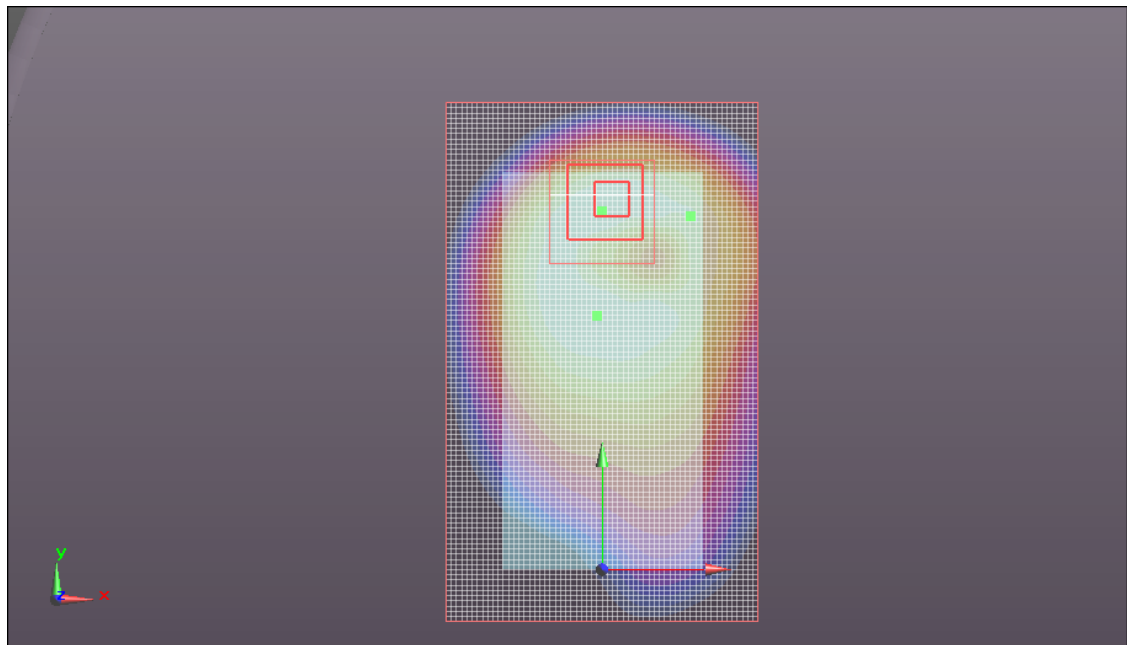
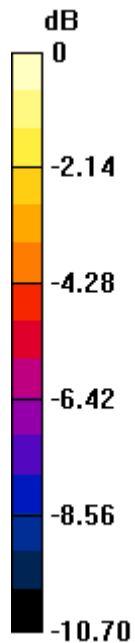
Reference Value = 34.112 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.460 W/kg

**SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.521 mW/g**

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

Maximum value of SAR (measured) = 1.103 mW/g



0 dB = 1.100mW/g

Test Laboratory: UL CCS SAR Lab C

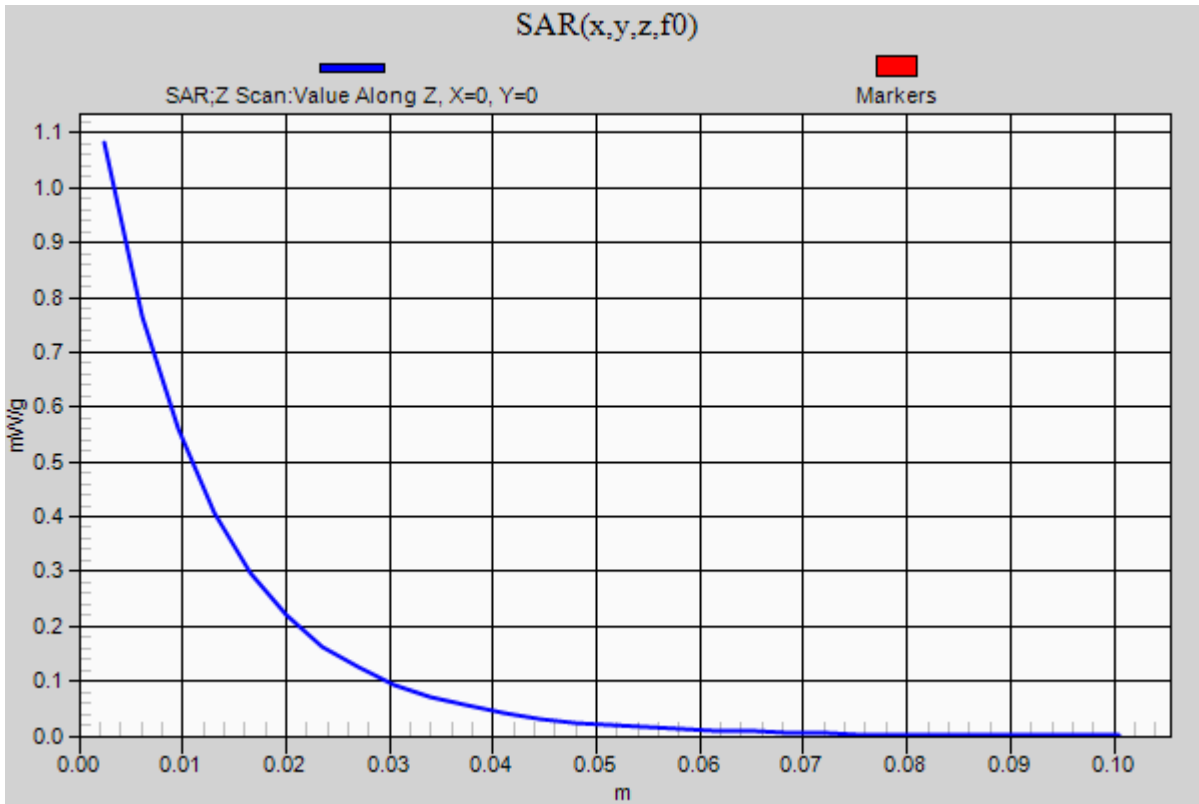
### GSM850\_Body\_Ant Primary

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.30042

**Front side/H-ch/Z Scan (1x1x29):** Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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

Maximum value of SAR (measured) = 1.082 mW/g



Test Laboratory: UL CCS SAR Lab C

## GSM850\_Body\_Ant Primary

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 55.309$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/H-ch w/headset/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.085 mW/g

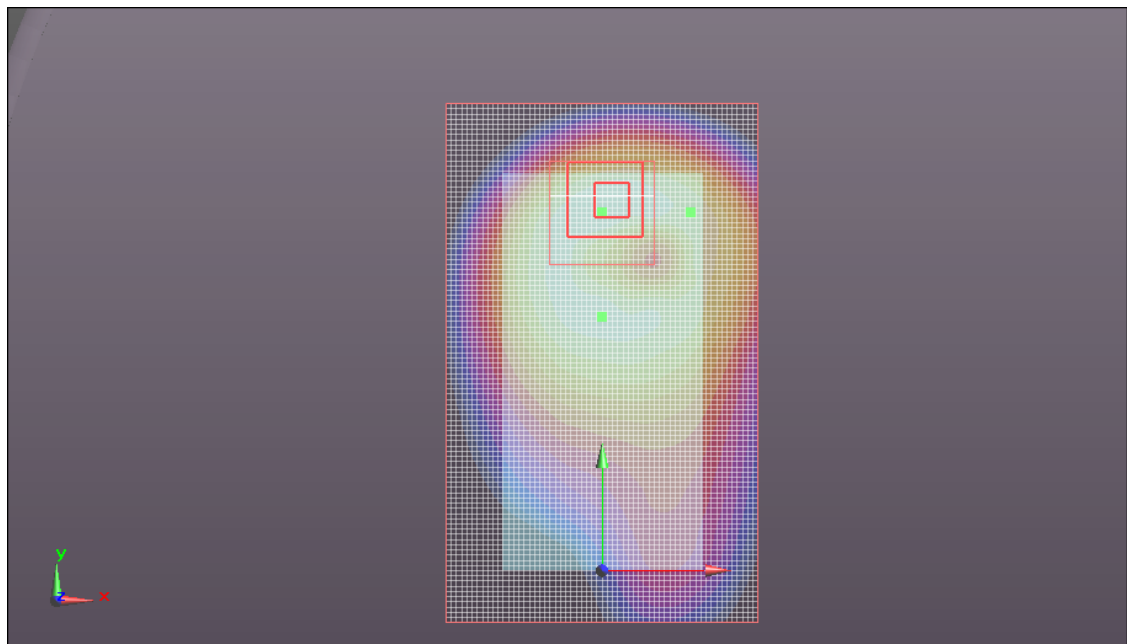
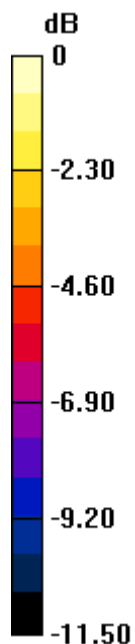
**Front side/H-ch w/headset/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 33.197 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.382 W/kg

**SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.492 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.053 mW/g



0 dB = 1.050mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Body\_Ant Primary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 55.37$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Back side/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Back side/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

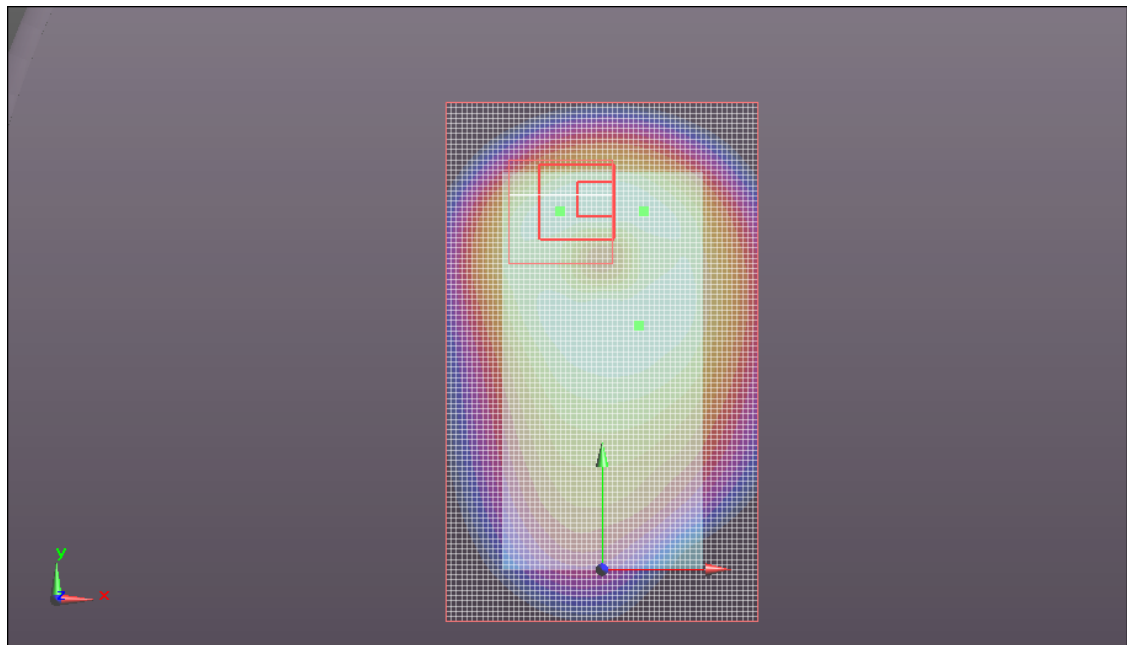
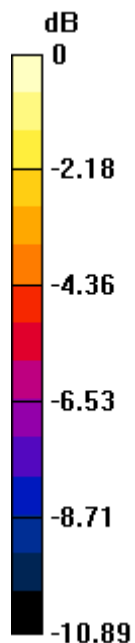
Reference Value = 29.845 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.184 W/kg

**SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.422 mW/g**

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

Maximum value of SAR (measured) = 0.880 mW/g



0 dB = 0.880mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Body\_Ant Secondary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 54.102$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.310 mW/g

**Front side/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

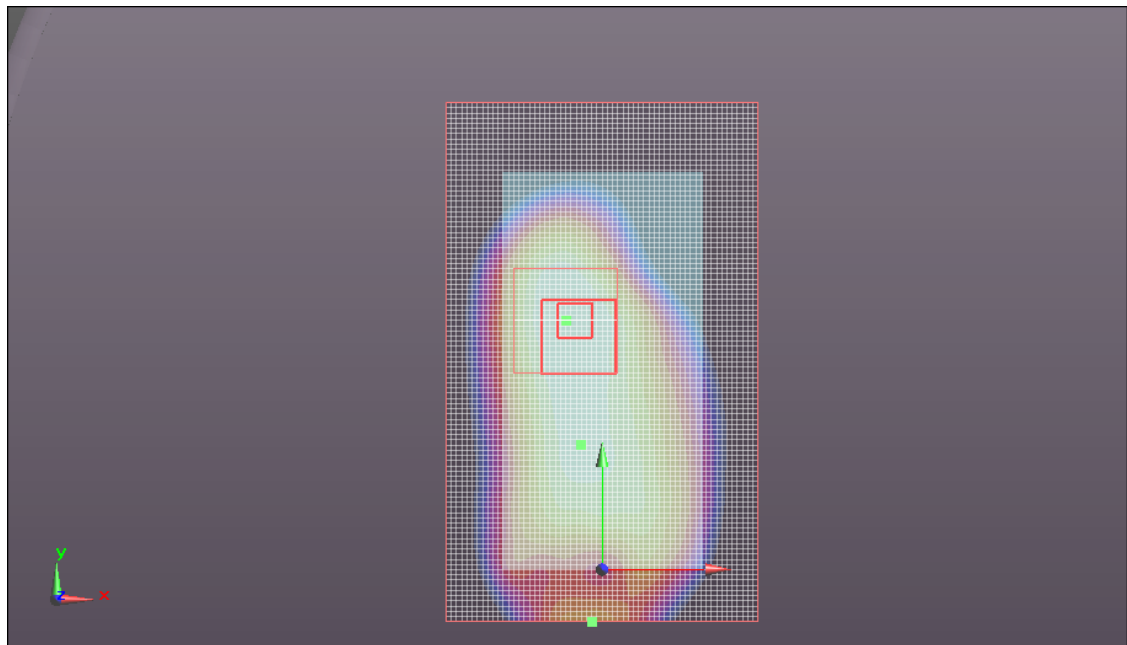
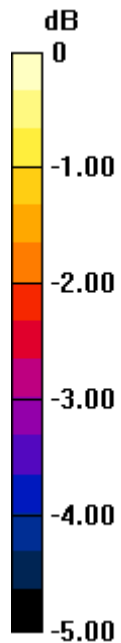
Reference Value = 17.537 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.335 W/kg

**SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.196 mW/g**

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

Maximum value of SAR (measured) = 0.294 mW/g



0 dB = 0.290mW/g



Test Laboratory: UL CCS SAR Lab C

## GSM850\_Body\_Ant Secondary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 54.102$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Back side/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Back side/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

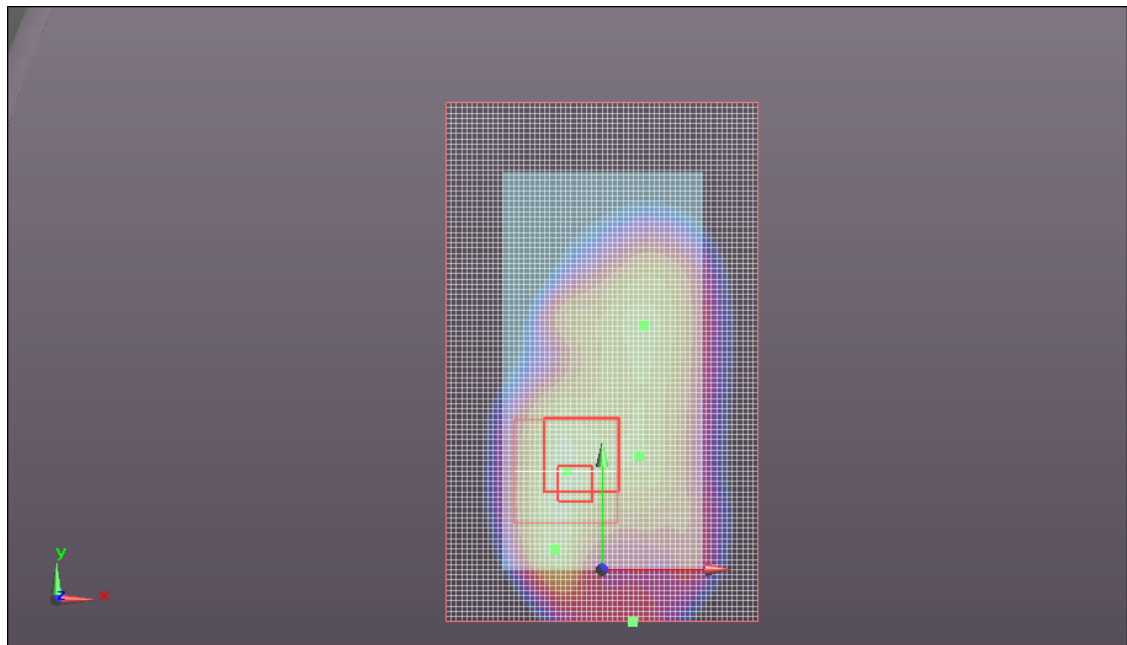
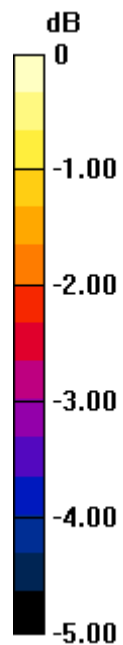
Reference Value = 15.214 V/m; Power Drift = 0.23 dB

Peak SAR (extrapolated) = 0.384 W/kg

**SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.192 mW/g**

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

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



0 dB = 0.330mW/g

Test Laboratory: UL CCS SAR Lab C

## GSM850\_Body\_Ant Secondary

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 54.102$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Back side/M-ch w/headset/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Back side/M-ch w/headset/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

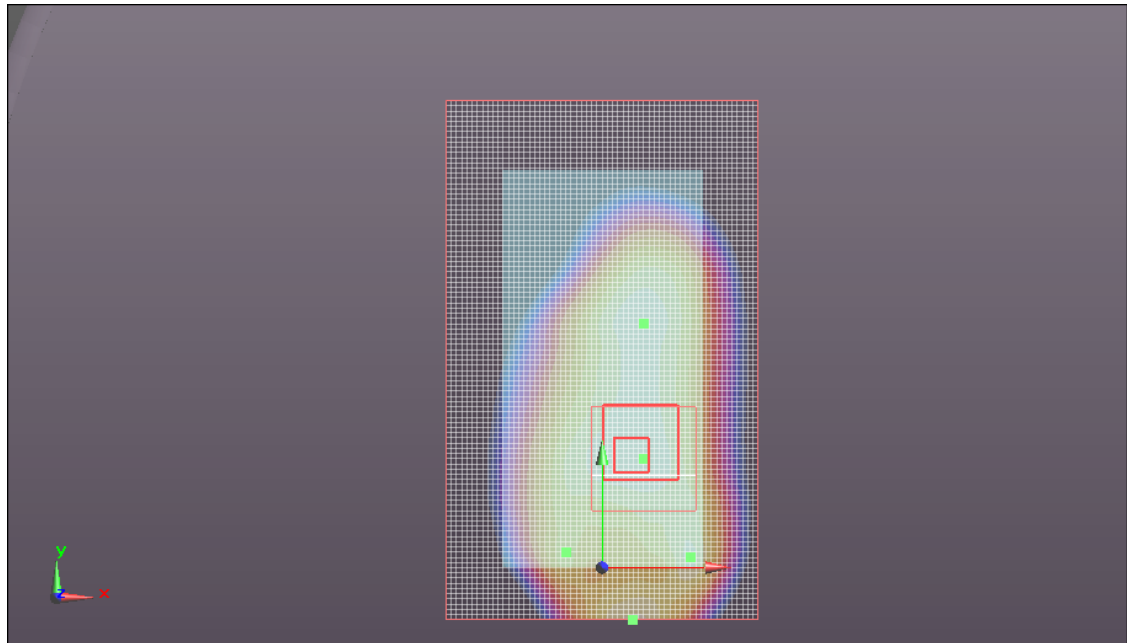
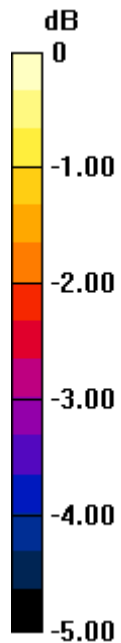
Reference Value = 15.158 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.145 mW/g**

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

Maximum value of SAR (measured) = 0.220 mW/g



0 dB = 0.220mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 824.4 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 824.4$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 55.418$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/L-ch\_2 slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.080 mW/g

**Front side/L-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

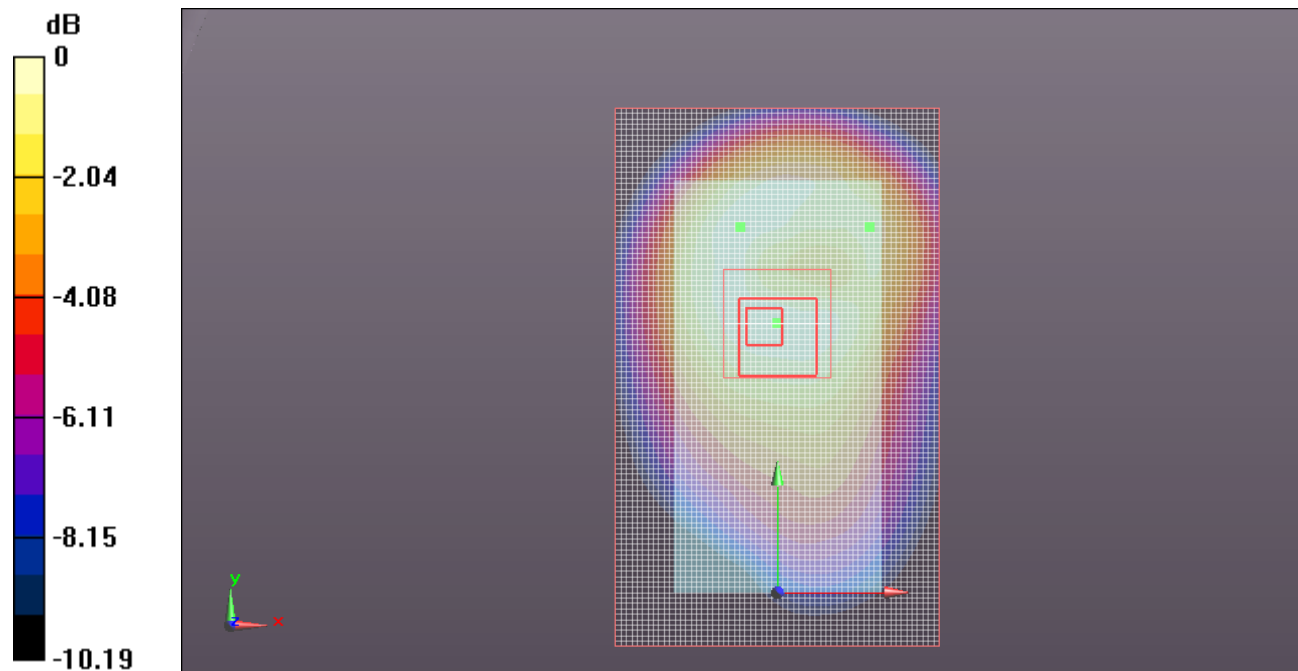
Reference Value = 33.268 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.294 W/kg

**SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.636 mW/g**

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

Maximum value of SAR (measured) = 1.098 mW/g



0 dB = 1.100mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

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;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 55.37$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/M-ch\_2 slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.111 mW/g

**Front side/M-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

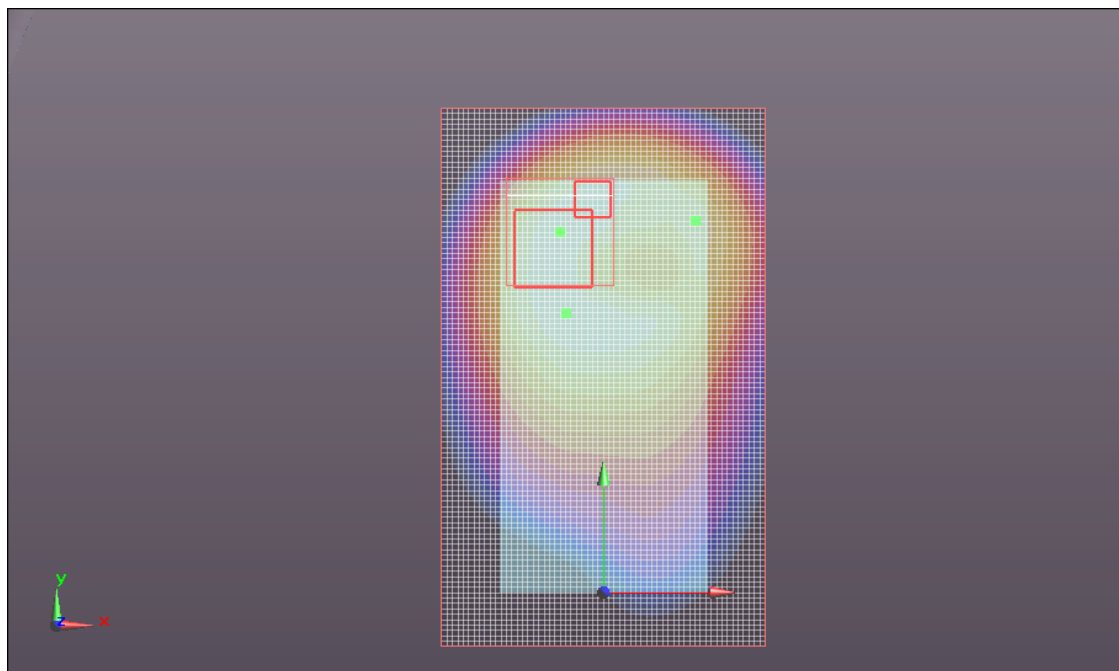
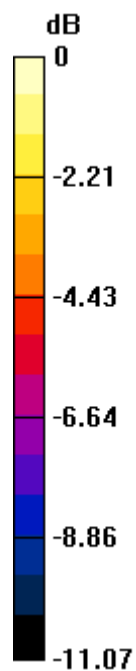
Reference Value = 33.139 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.454 W/kg

**SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.547 mW/g**

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

Maximum value of SAR (measured) = 1.112 mW/g



0 dB = 1.110mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 848.8 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 55.308$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/H-ch\_2 slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.069 mW/g

**Front side/H-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

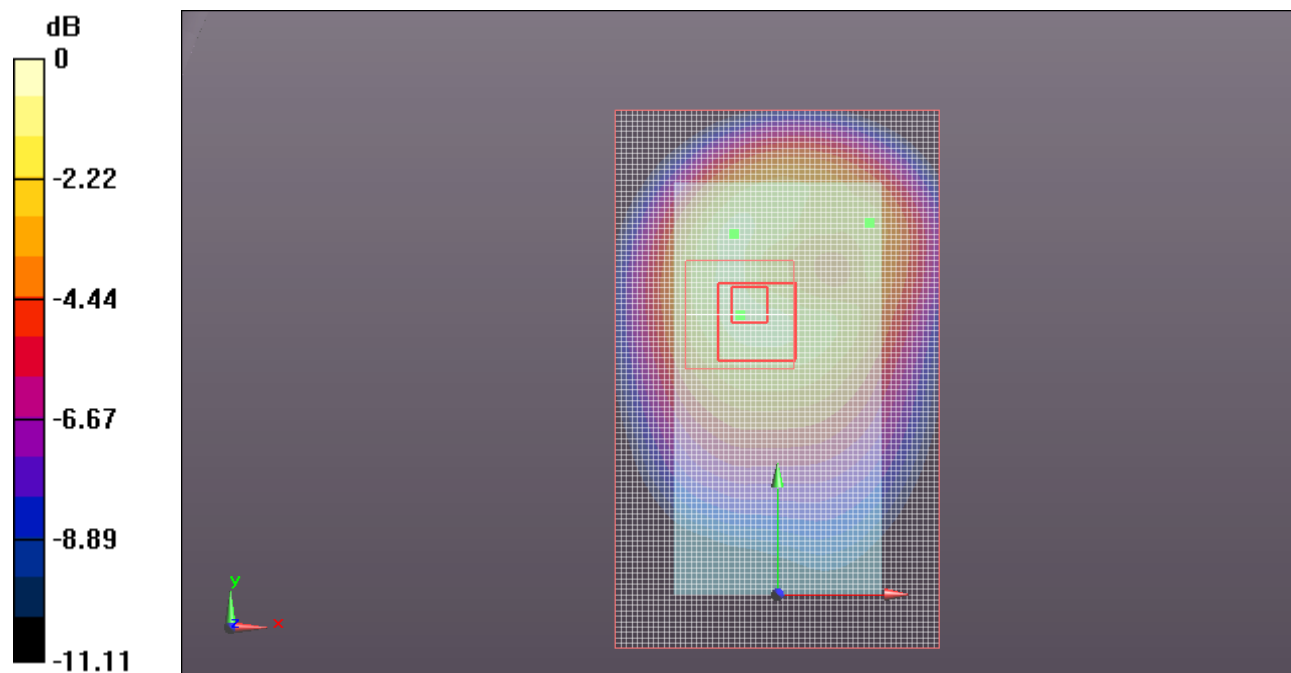
Reference Value = 32.861 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.774 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.702 mW/g**

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

Maximum value of SAR (measured) = 1.395 mW/g



0 dB = 1.390mW/g

Test Laboratory: UL CCS SAR Lab C

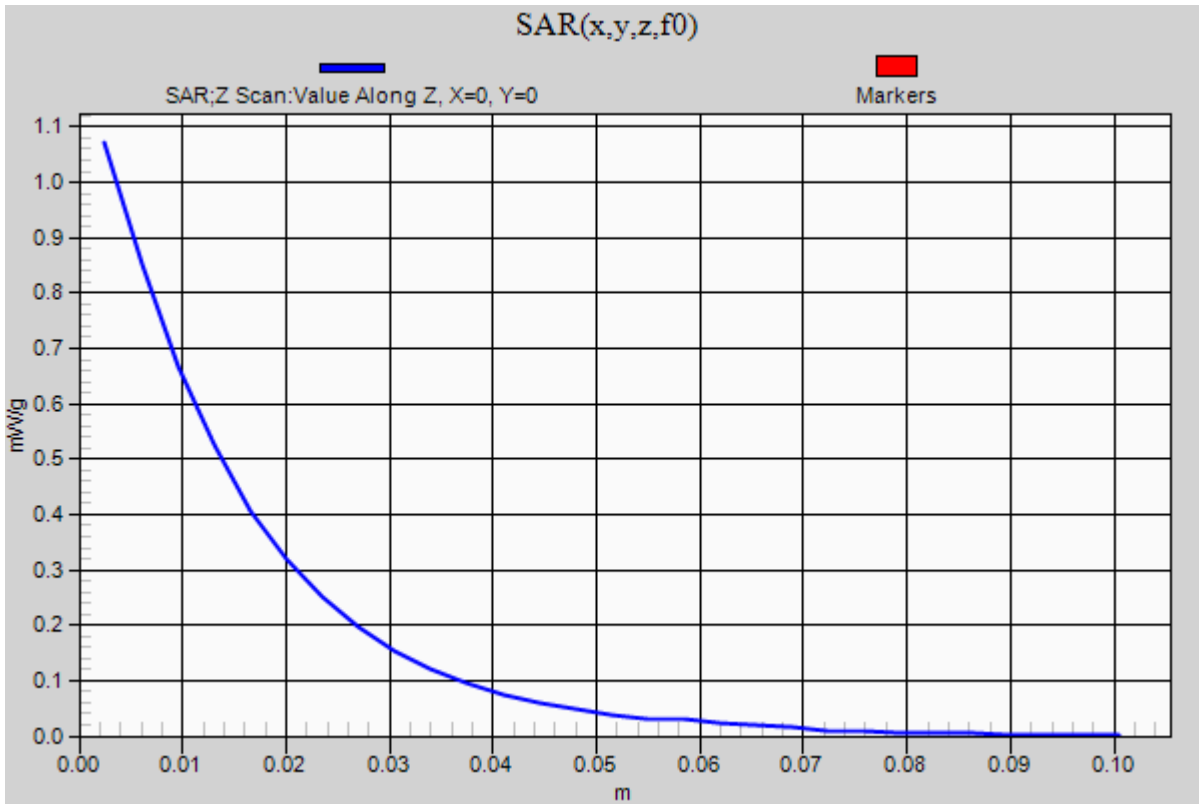
### GPRS850\_Hotspot\_Ant Primary

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 848.8 MHz; Duty Cycle: 1:4.00037

**Front side/H-ch\_2 slot/Z Scan (1x1x29):** Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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

Maximum value of SAR (measured) = 1.071 mW/g



Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 848.8 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 55.308$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/H-ch\_2 slot w/headset/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.362 mW/g

**Front side/H-ch\_2 slot w/headset/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

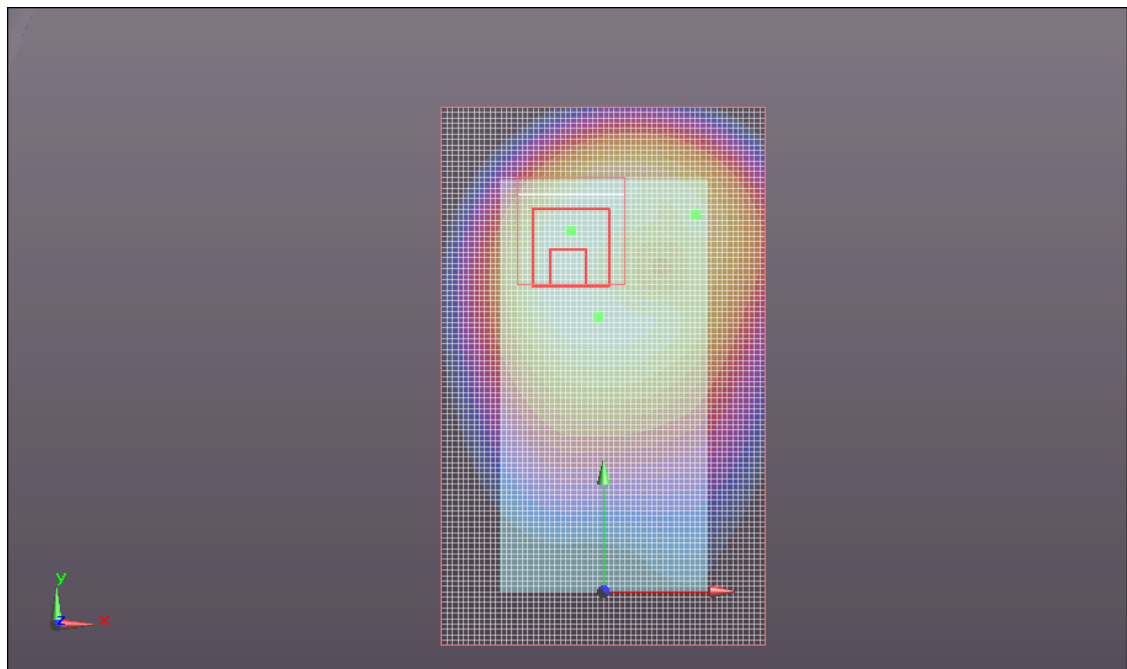
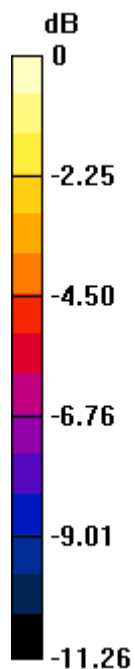
Reference Value = 36.197 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.742 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.671 mW/g**

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

Maximum value of SAR (measured) = 1.331 mW/g



0 dB = 1.330mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 55.37$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/M-ch\_1 slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.824 mW/g

**Front side/M-ch\_1 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

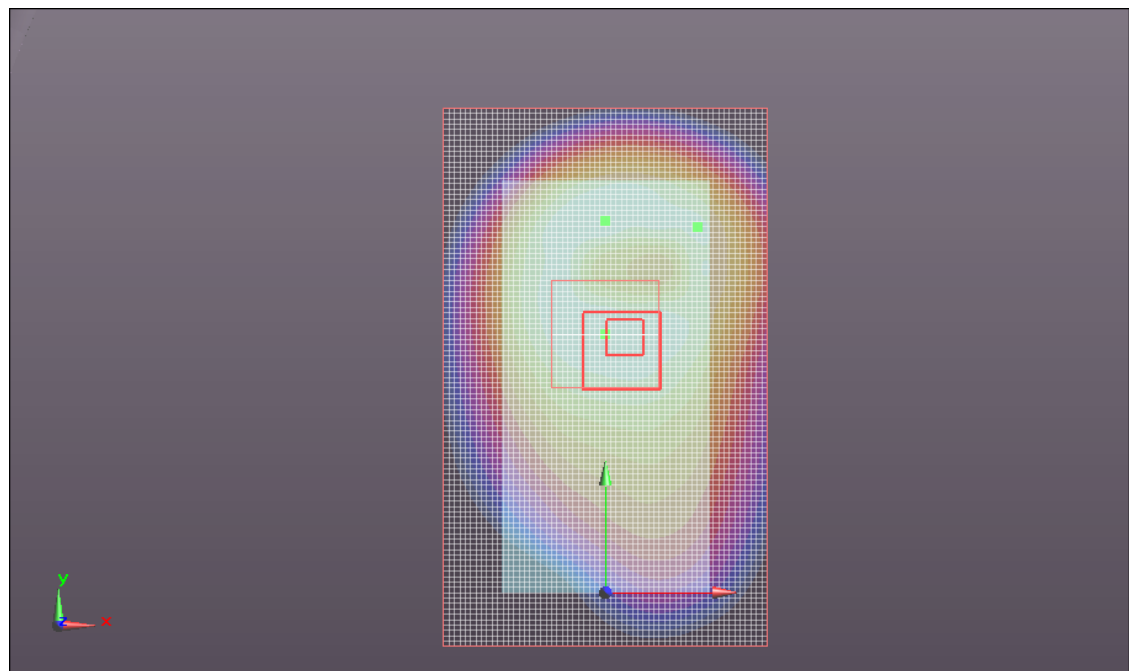
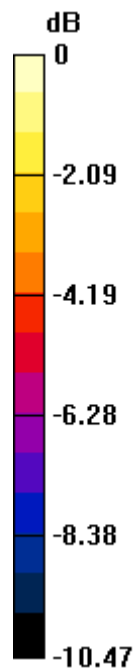
Reference Value = 29.364 V/m; Power Drift = 0.23 dB

Peak SAR (extrapolated) = 0.965 W/kg

**SAR(1 g) = 0.699 mW/g; SAR(10 g) = 0.498 mW/g**

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

Maximum value of SAR (measured) = 0.814 mW/g



0 dB = 0.810mW/g



Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 824.4 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 824.4$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 55.418$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Back side/L-ch\_2 slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.224 mW/g

**Back side/L-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

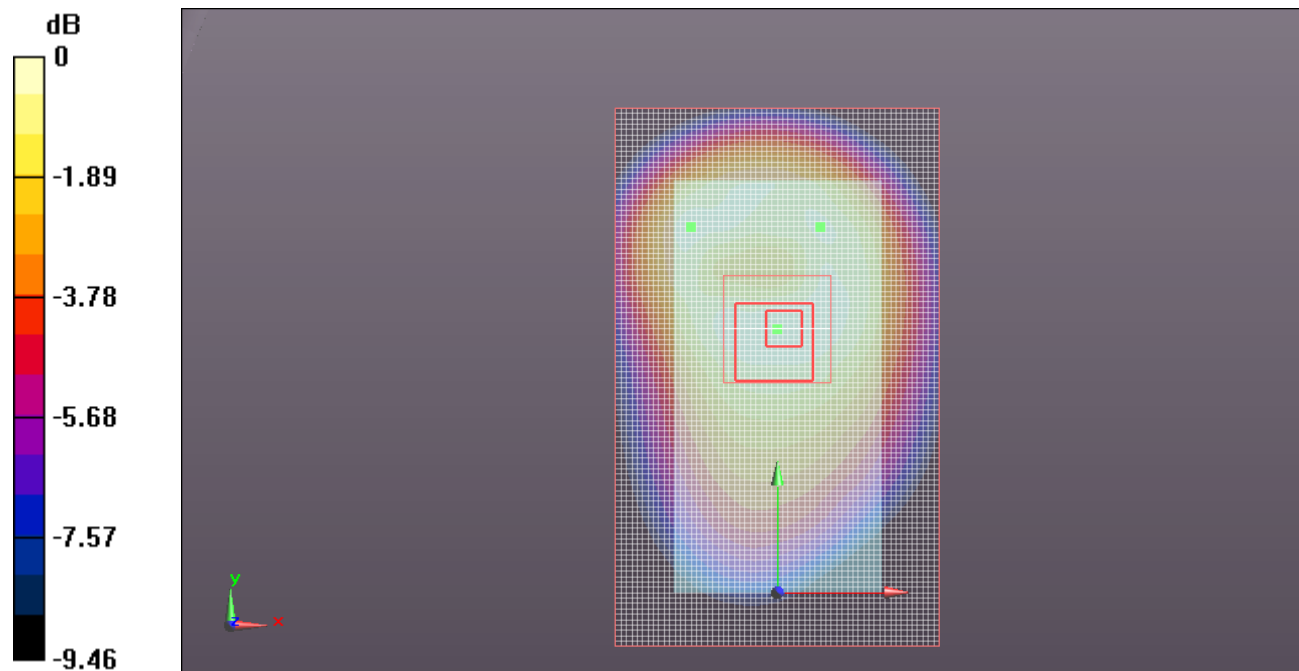
Reference Value = 35.926 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.414 W/kg

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.755 mW/g**

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

Maximum value of SAR (measured) = 1.216 mW/g



0 dB = 1.220mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

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;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 55.37$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Back side/M-ch\_2 slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.003 mW/g

**Back side/M-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

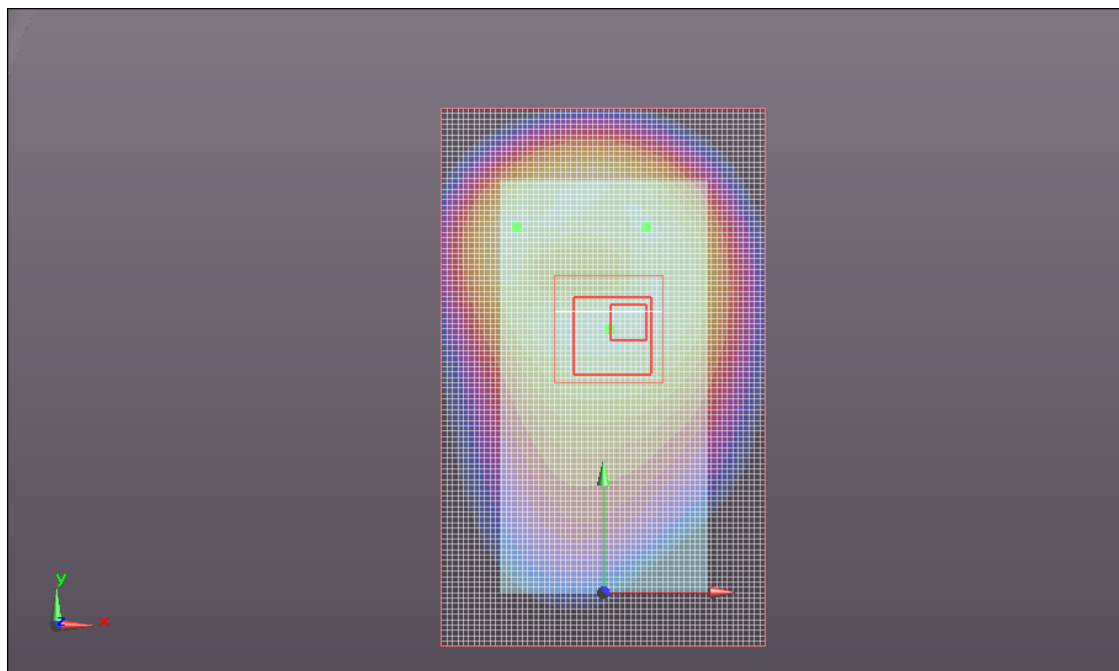
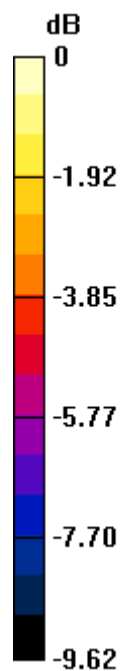
Reference Value = 31.709 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.253 W/kg

**SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.623 mW/g**

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

Maximum value of SAR (measured) = 1.048 mW/g



0 dB = 1.050mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 848.8 MHz; Duty Cycle: 1:4.00037  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 55.308$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Back side/H-ch\_2 slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.212 mW/g

**Back side/H-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

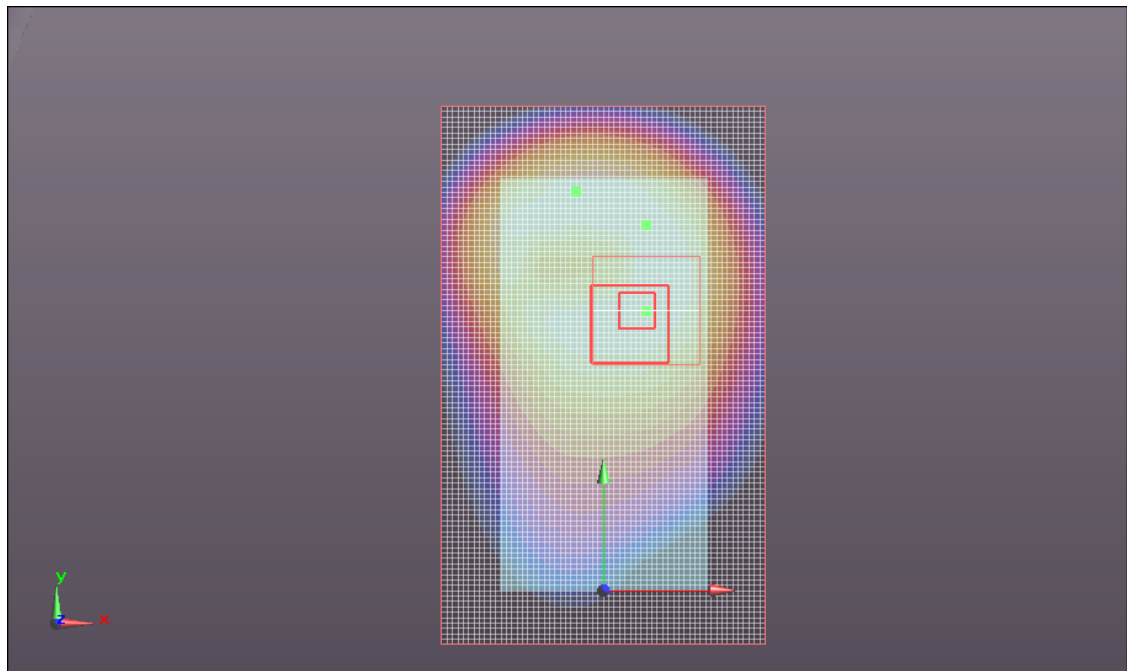
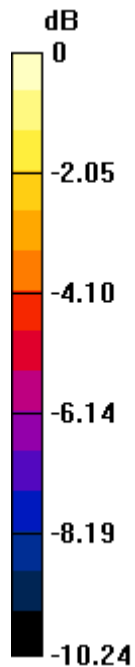
Reference Value = 34.834 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.432 W/kg

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.698 mW/g**

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

Maximum value of SAR (measured) = 1.190 mW/g



0 dB = 1.190mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

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;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 55.37$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Right edge/M-ch\_2 slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Right edge/M-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

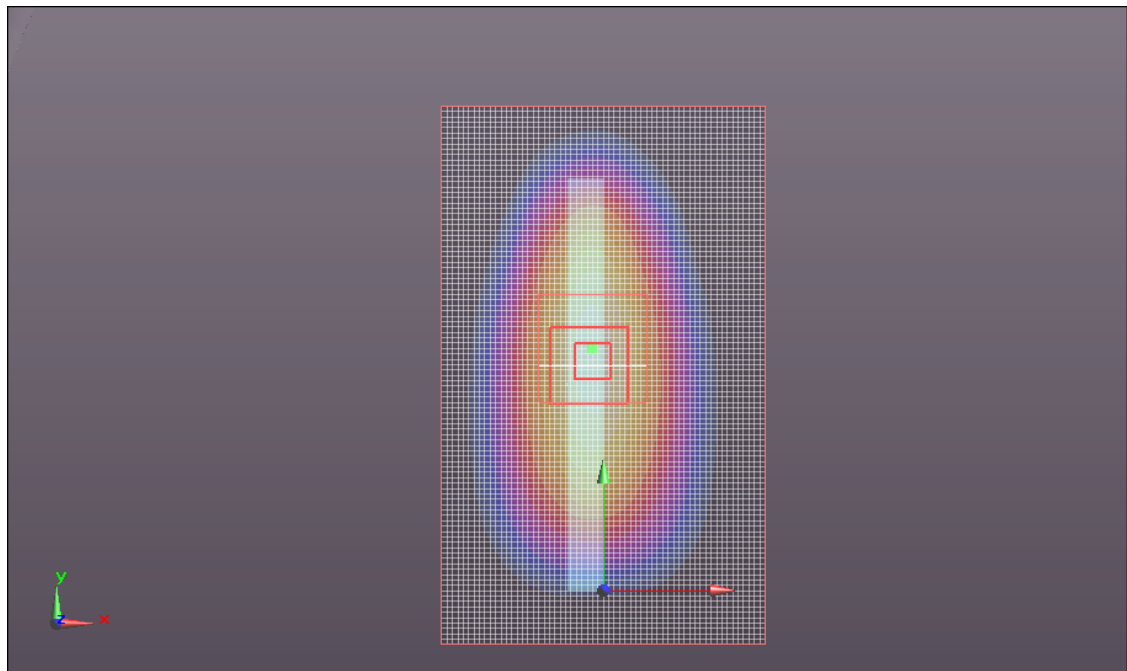
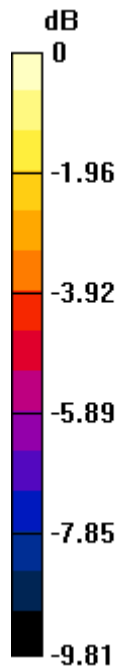
Reference Value = 20.014 V/m; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 0.533 W/kg

**SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.232 mW/g**

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

Maximum value of SAR (measured) = 0.431 mW/g



0 dB = 0.430mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 824.4 MHz; Duty Cycle: 1:4.00037  
 Medium parameters used (interpolated):  $f = 824.4$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 55.418$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Left edge/L-ch\_2 slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.292 mW/g

**Left edge/L-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

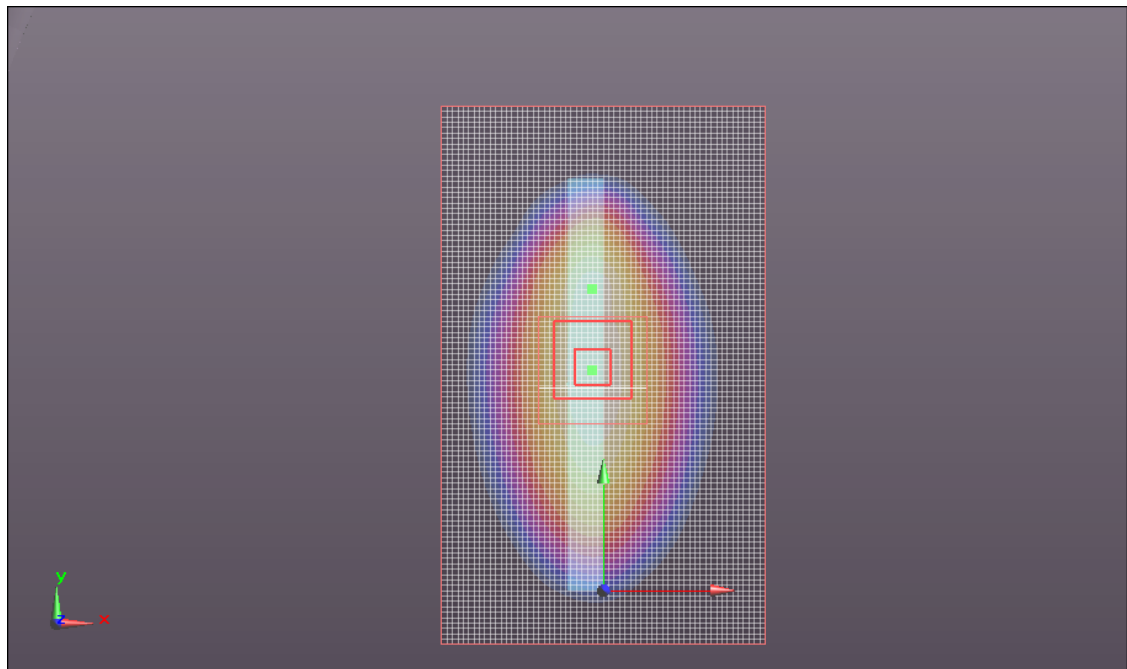
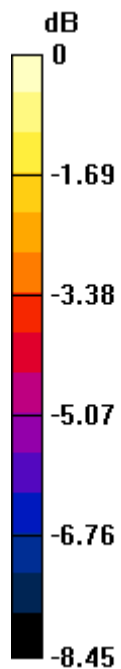
Reference Value = 36.618 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.569 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.744 mW/g**

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

Maximum value of SAR (measured) = 1.284 mW/g



0 dB = 1.280mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

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;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 55.37$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Left edge/M-ch\_2 slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.307 mW/g

**Left edge/M-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

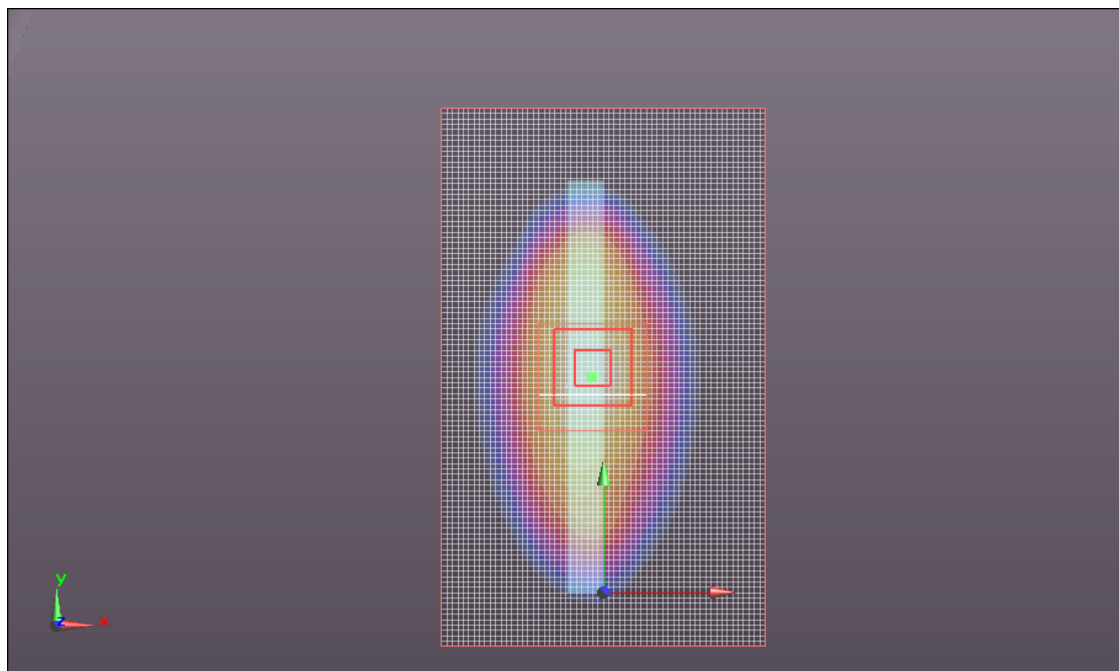
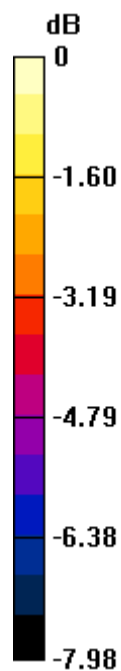
Reference Value = 35.874 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.545 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.731 mW/g**

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

Maximum value of SAR (measured) = 1.263 mW/g



0 dB = 1.260mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 848.8 MHz; Duty Cycle: 1:4.00037  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 55.308$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Left edge/H-ch\_2 slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.135 mW/g

**Left edge/H-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

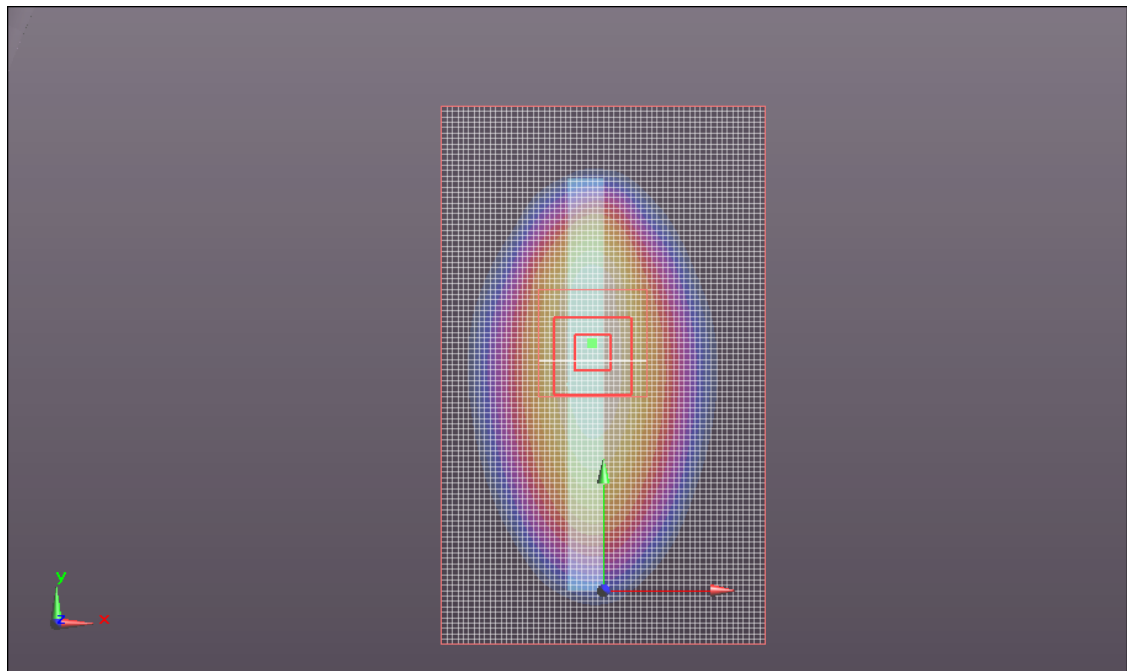
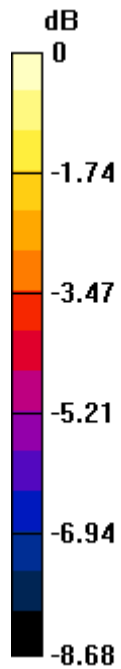
Reference Value = 33.560 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.347 W/kg

**SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.636 mW/g**

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

Maximum value of SAR (measured) = 1.108 mW/g



0 dB = 1.110mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

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;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 55.37$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Top edge/M-ch\_2 slot/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Top edge/M-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

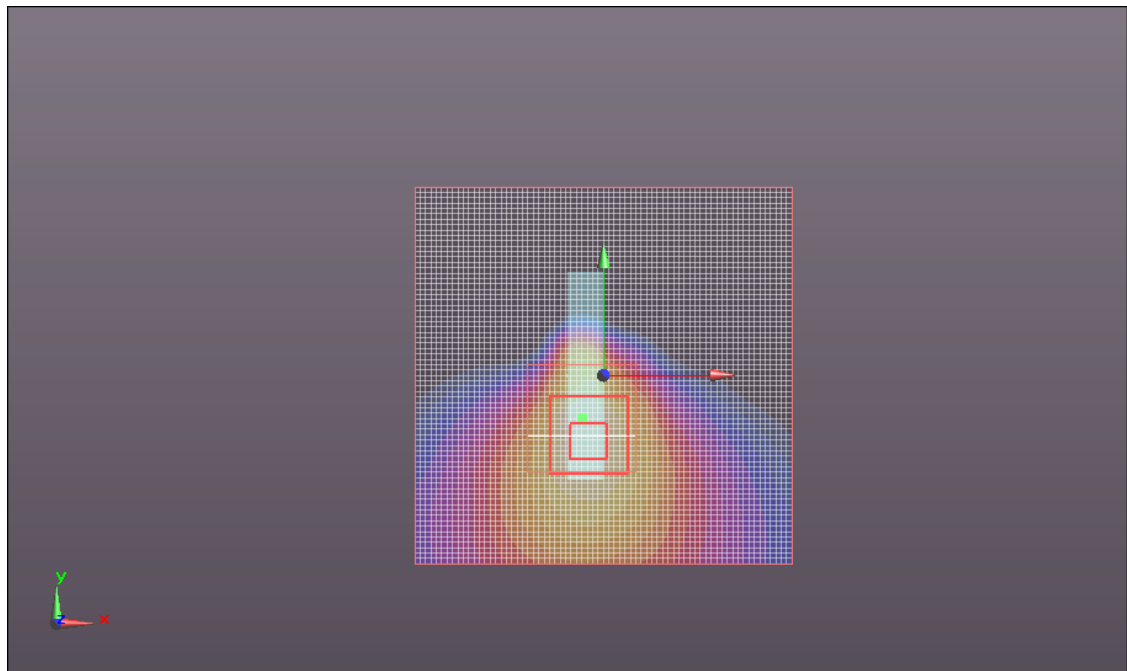
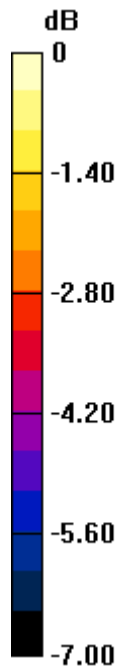
Reference Value = 8.956 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.103 W/kg

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.044 mW/g**

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

Maximum value of SAR (measured) = 0.080 mW/g



0 dB = 0.080mW/g



Test Laboratory: UL CCS SAR Lab C

## GPRS850\_Hotspot\_Ant Primary

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;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 55.37$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Bottom edge/M-ch\_2 slot/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.437 mW/g

**Bottom edge/M-ch\_2 slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

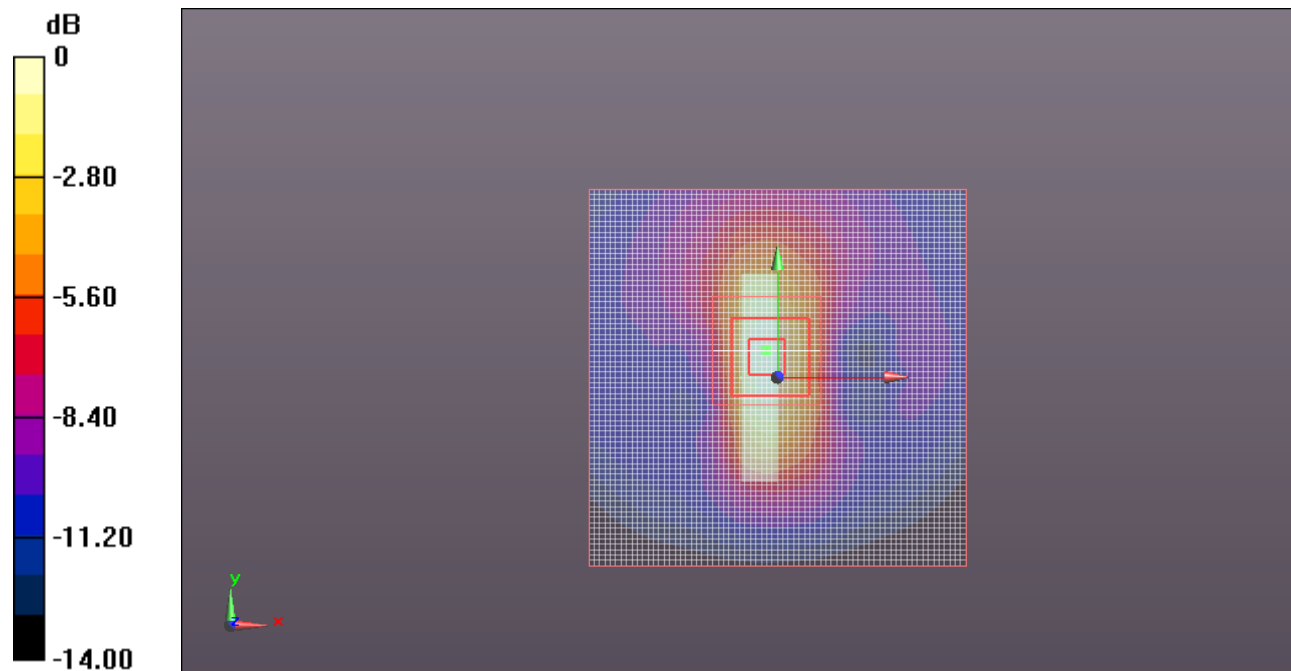
Reference Value = 20.052 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.570 W/kg

**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.191 mW/g**

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

Maximum value of SAR (measured) = 0.438 mW/g



0 dB = 0.440mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS\_Cell band

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;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 54.94$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Left/GSM\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.089 mW/g

**Left/GSM\_M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

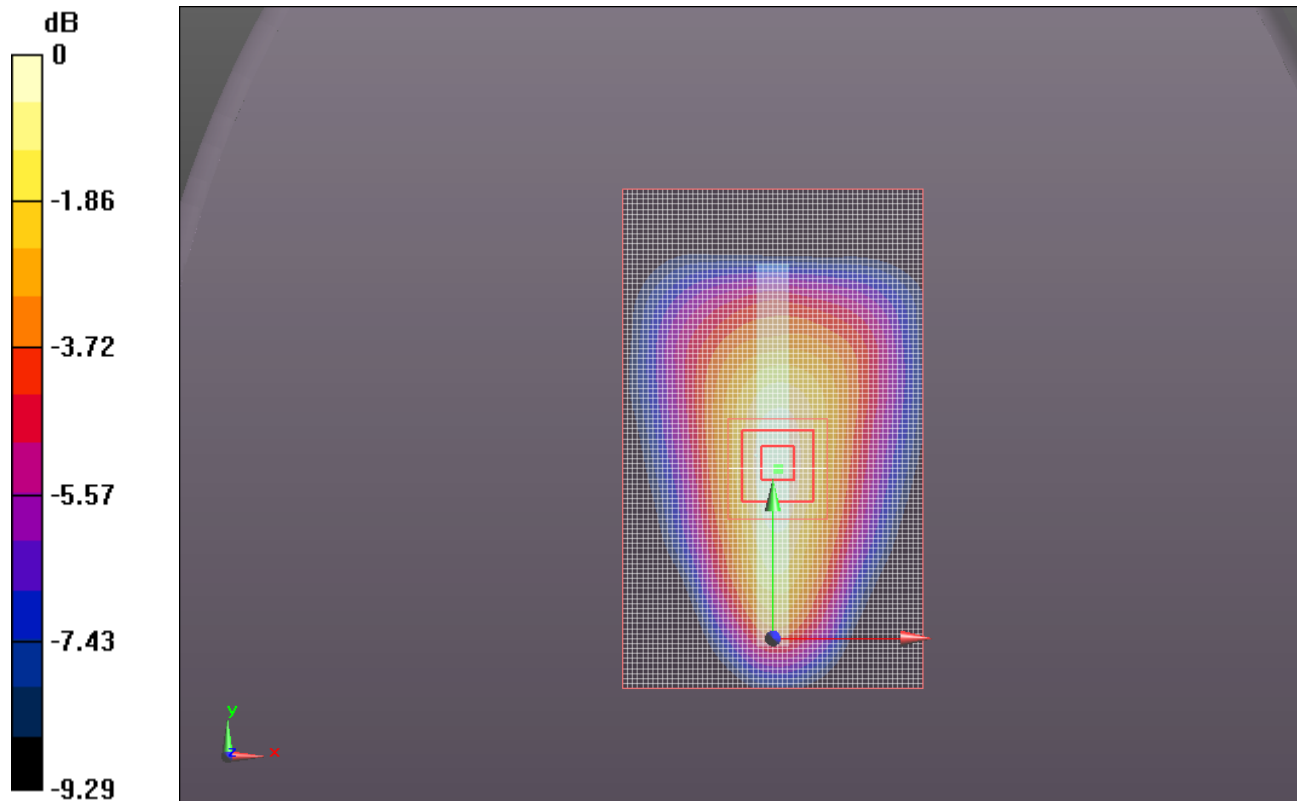
Reference Value = 9.219 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.114 W/kg

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.051 mW/g**

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

Maximum value of SAR (measured) = 0.092 mW/g



0 dB = 0.090mW/g

Test Laboratory: UL CCS SAR Lab C

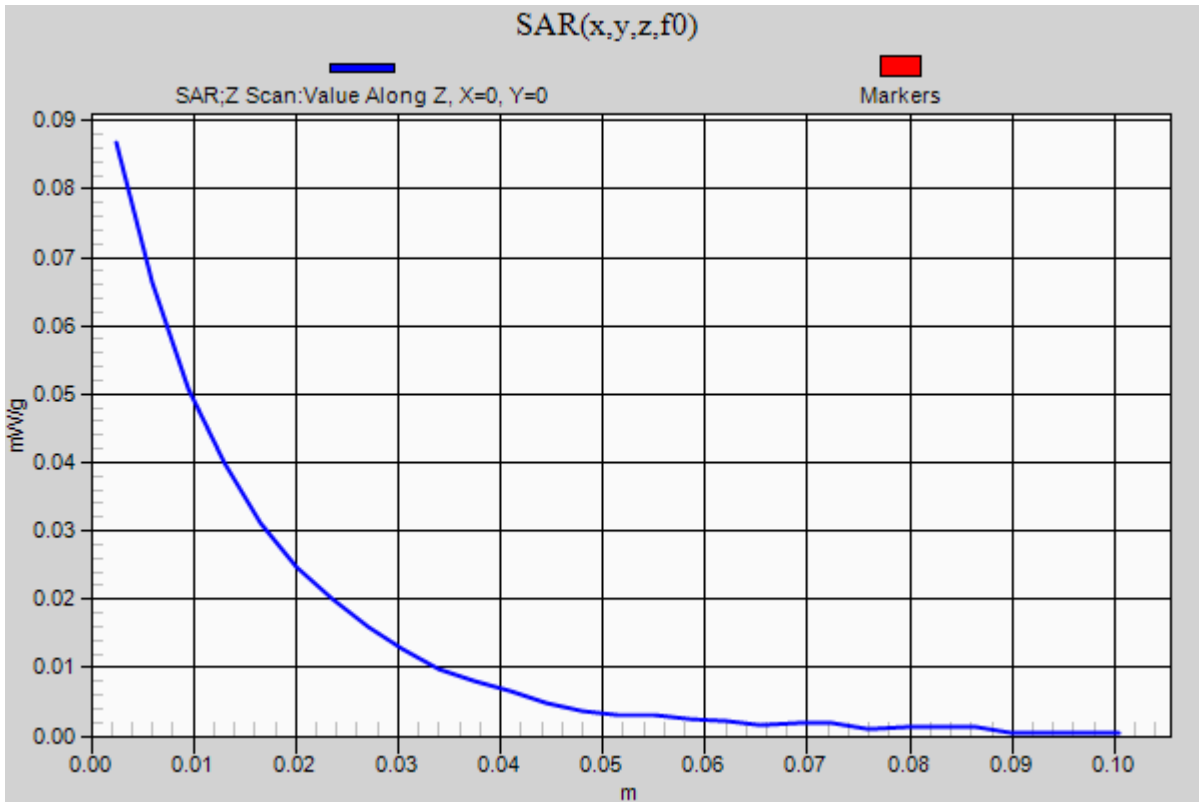
### GPRS\_Cell band

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

**Left/GSM\_M-ch/Z Scan (1x1x29):** Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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

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



Test Laboratory: UL CCS SAR Lab C

## GPRS\_Cell band

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;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 54.94$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Right/GSM\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Right/GSM\_M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

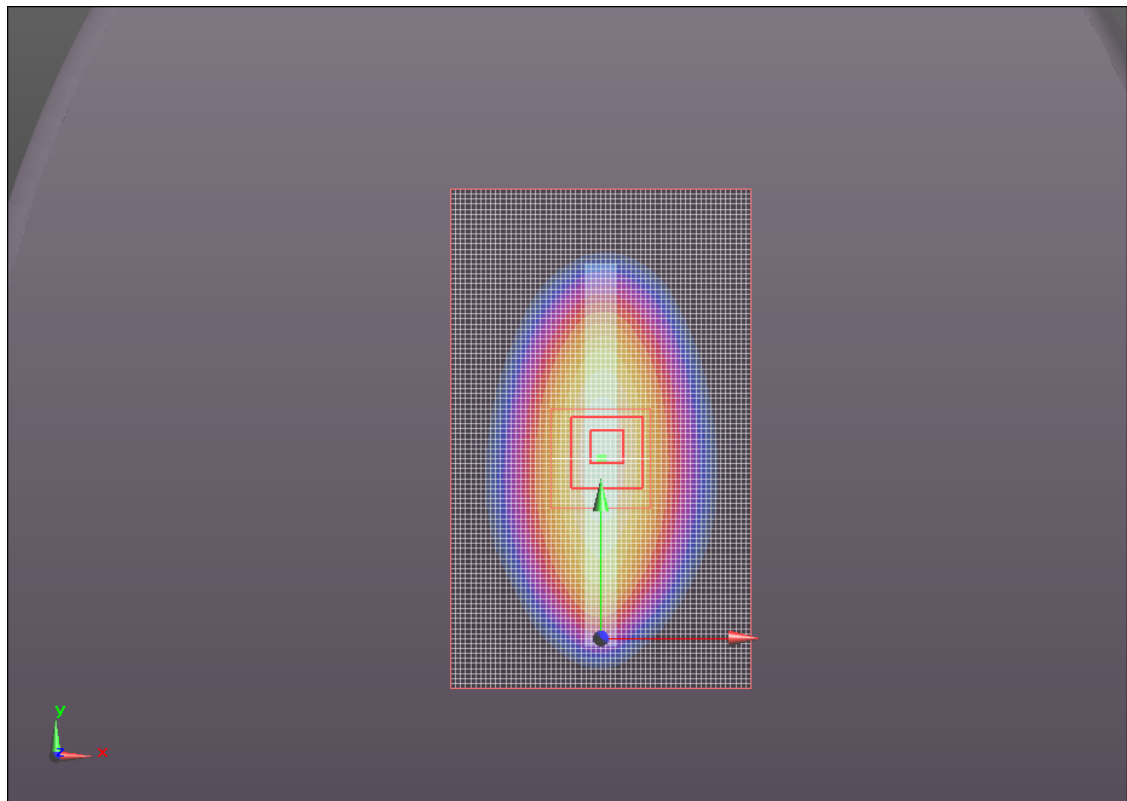
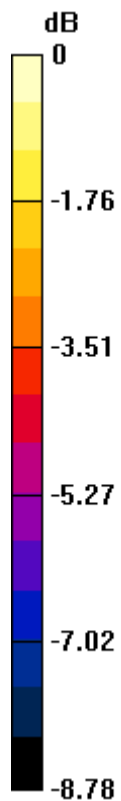
Reference Value = 21.970 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.582 W/kg

**SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.256 mW/g**

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

Maximum value of SAR (measured) = 0.477 mW/g



0 dB = 0.480mW/g

Test Laboratory: UL CCS SAR Lab C

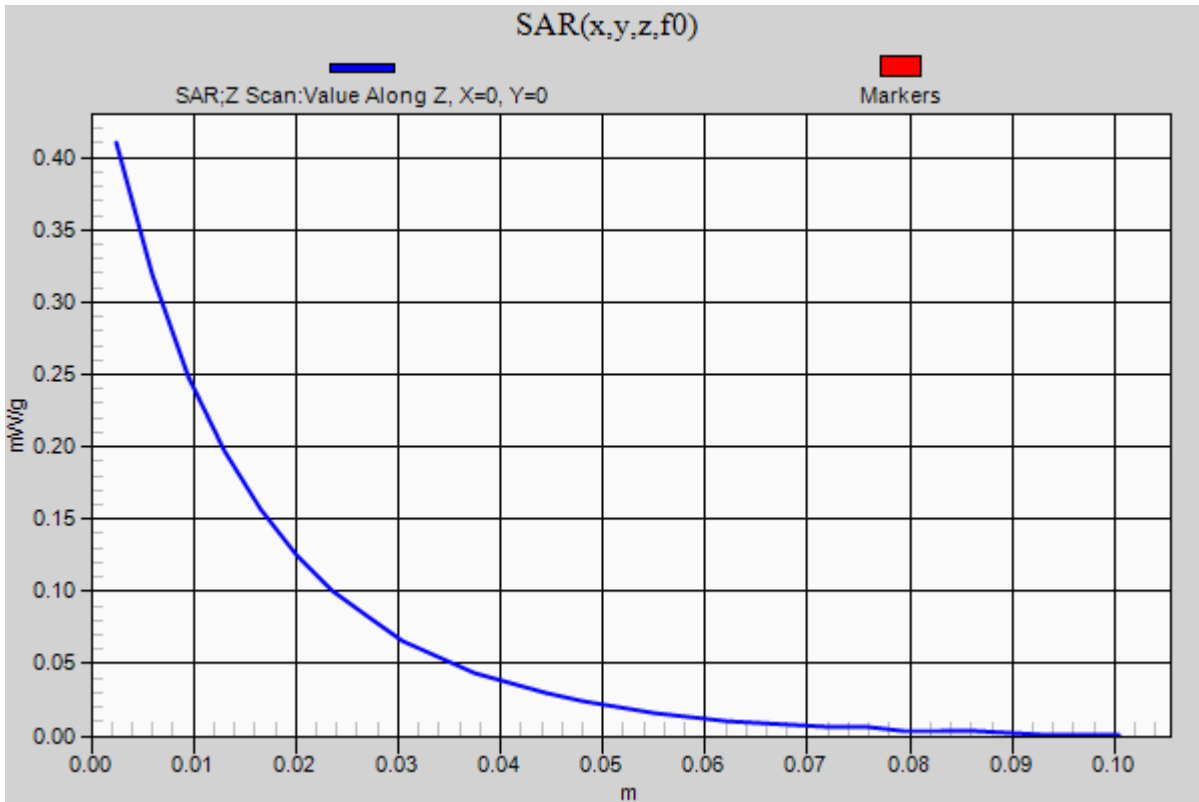
### GPRS\_Cell band

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

**Right/GSM\_M-ch/Z Scan (1x1x29):** Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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

Maximum value of SAR (measured) = 0.410 mW/g



Test Laboratory: UL CCS SAR Lab C

## GPRS\_Cell band

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;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 54.94$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Top/GSM\_M-ch/Area Scan (71x81x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.217 mW/g

**Top/GSM\_M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

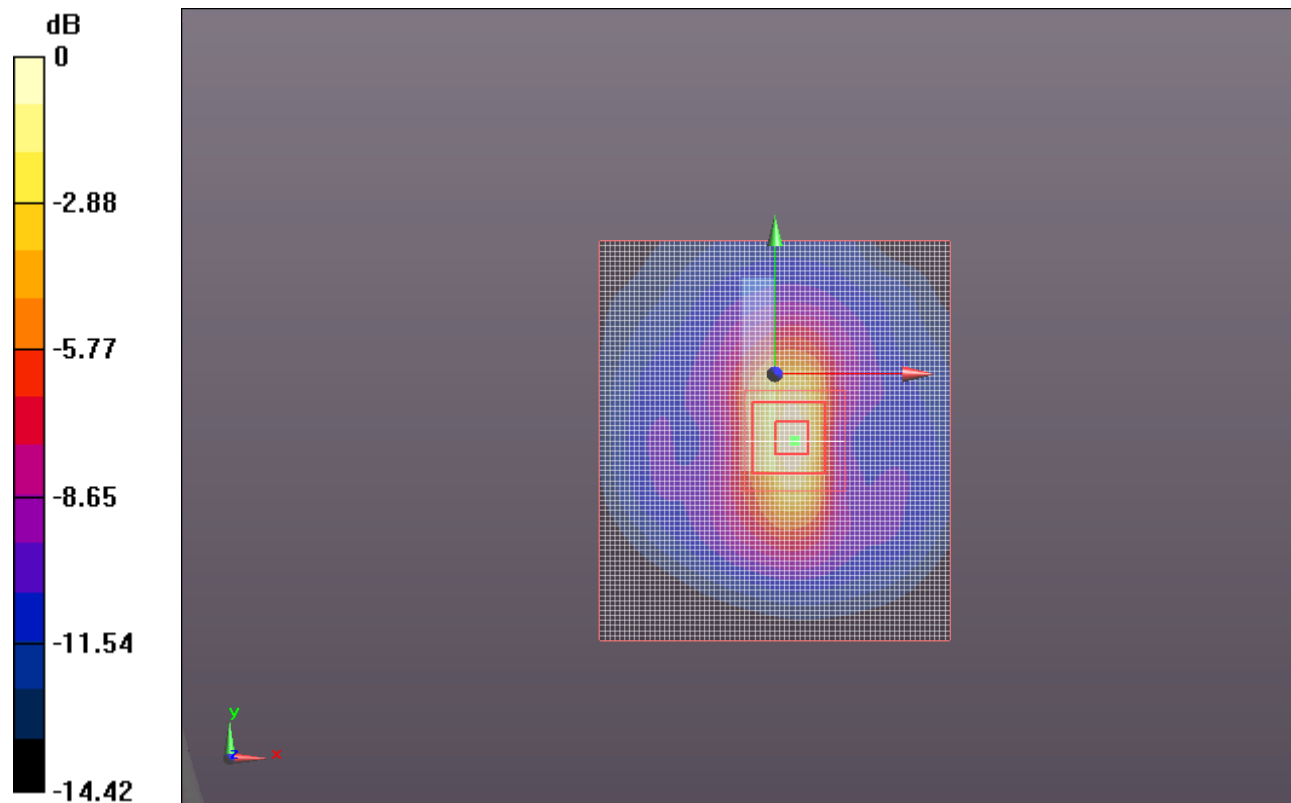
Reference Value = 14.324 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.310 W/kg

**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.077 mW/g**

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

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



0 dB = 0.210mW/g

Test Laboratory: UL CCS SAR Lab C

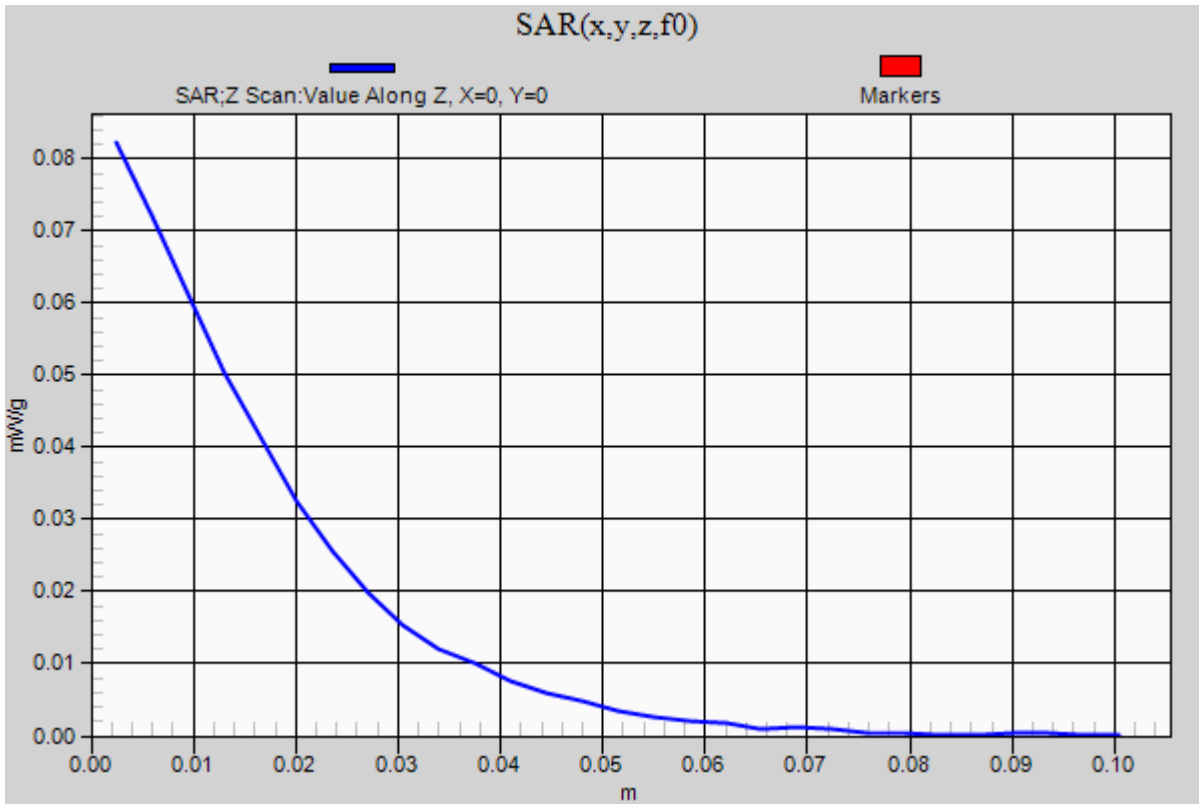
### GPRS\_Cell band

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

**Top/GSM\_M-ch/Z Scan (1x1x29):** Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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

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



Test Laboratory: UL CCS SAR Lab C

## GPRS\_Cell band

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;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 54.94$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/GSM\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.340 mW/g

**Front side/GSM\_M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

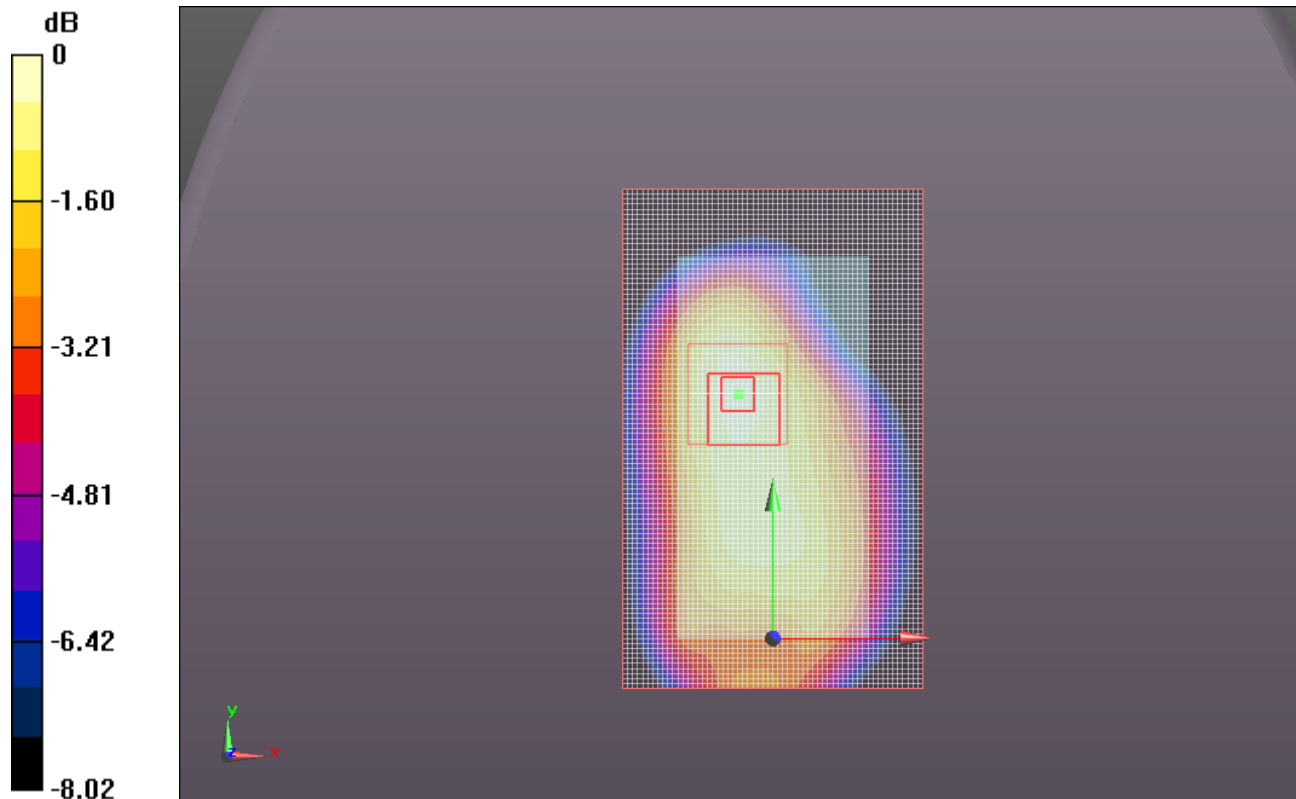
Reference Value = 19.156 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.410 W/kg

**SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.236 mW/g**

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

Maximum value of SAR (measured) = 0.359 mW/g



0 dB = 0.360mW/g



Test Laboratory: UL CCS SAR Lab C

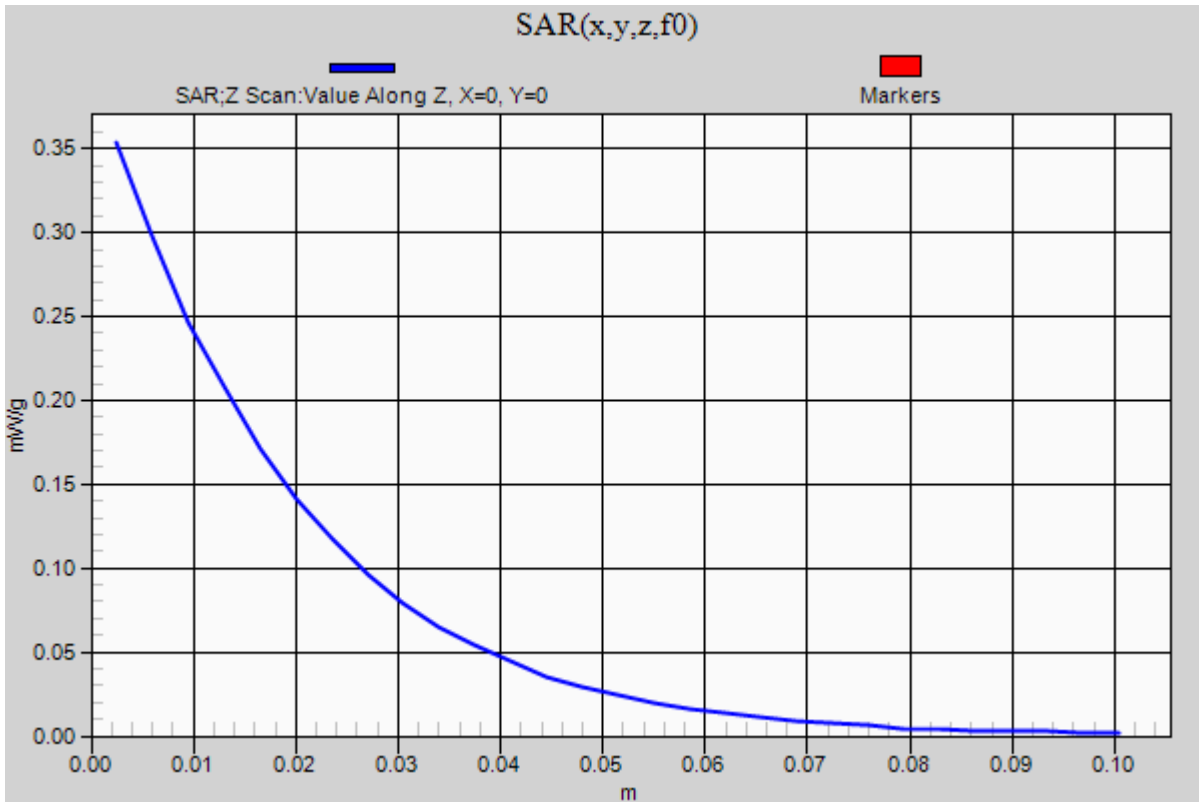
### GPRS\_Cell band

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

**Front side/GSM\_M-ch/Z Scan (1x1x29):** Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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

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



Test Laboratory: UL CCS SAR Lab C

## GPRS\_Cell band

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;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 54.94$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Back side/GSM\_M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.323 mW/g

**Back side/GSM\_M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

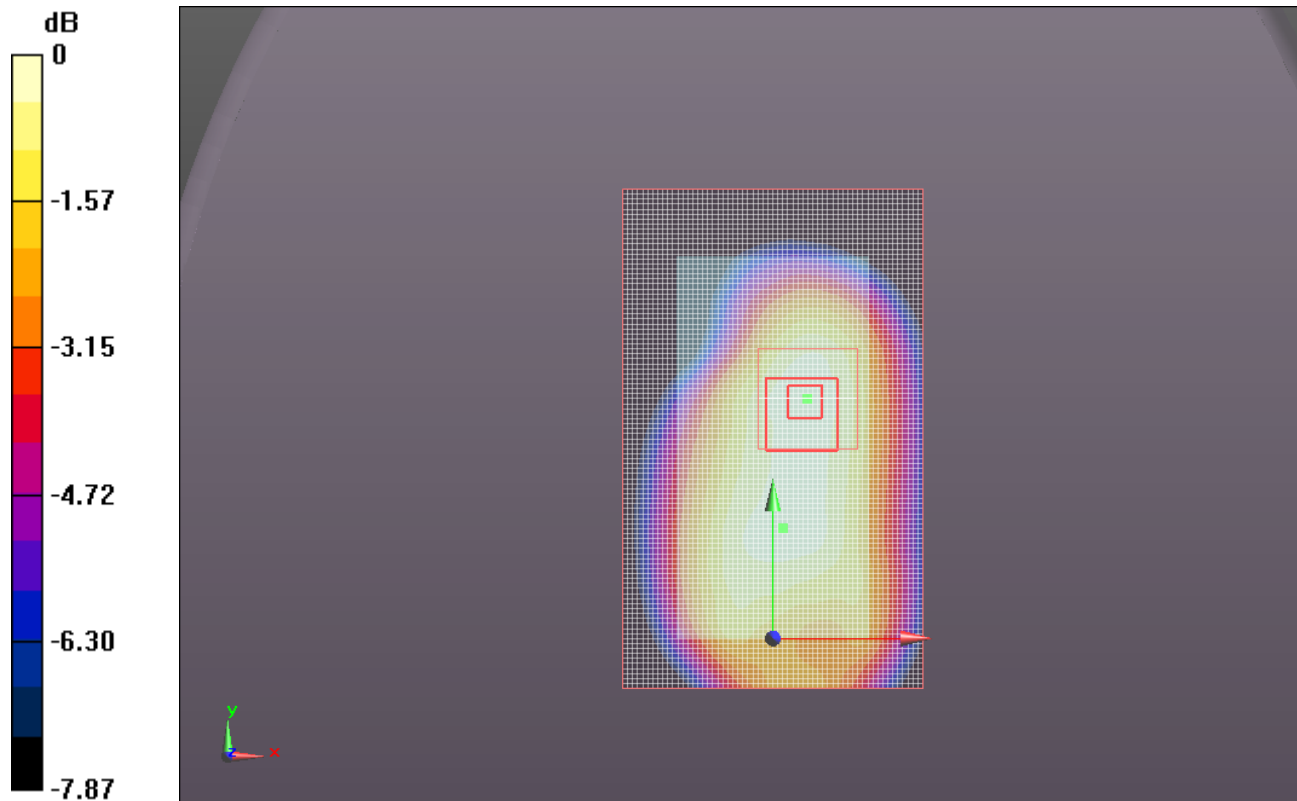
Reference Value = 18.308 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.371 W/kg

**SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.218 mW/g**

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

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



0 dB = 0.330mW/g

Test Laboratory: UL CCS SAR Lab C

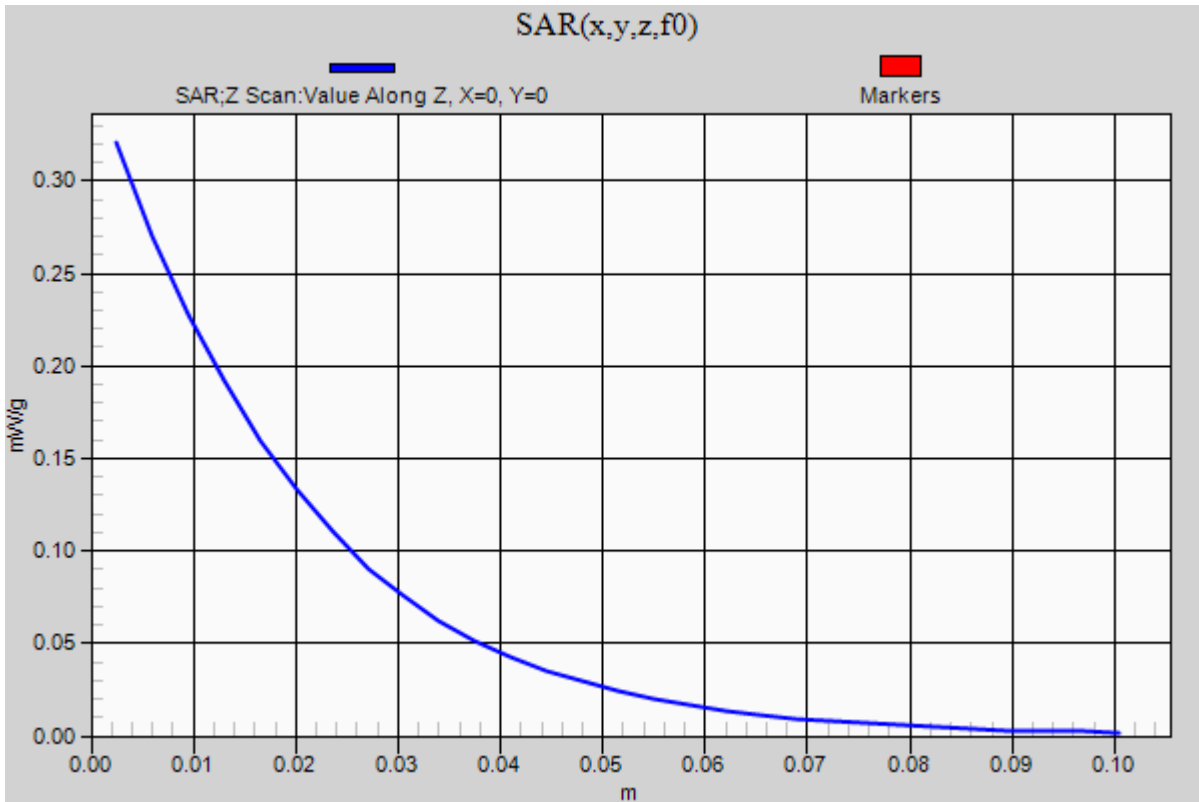
### GPRS\_Cell band

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

**Back side/GSM\_M-ch/Z Scan (1x1x29):** Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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

Maximum value of SAR (measured) = 0.321 mW/g



Test Laboratory: UL CCS SAR Lab C

## GPRS\_Cell band

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;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 54.94$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/GSM\_M-ch\_W/HEADSET/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.358 mW/g

**Front side/GSM\_M-ch\_W/HEADSET/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

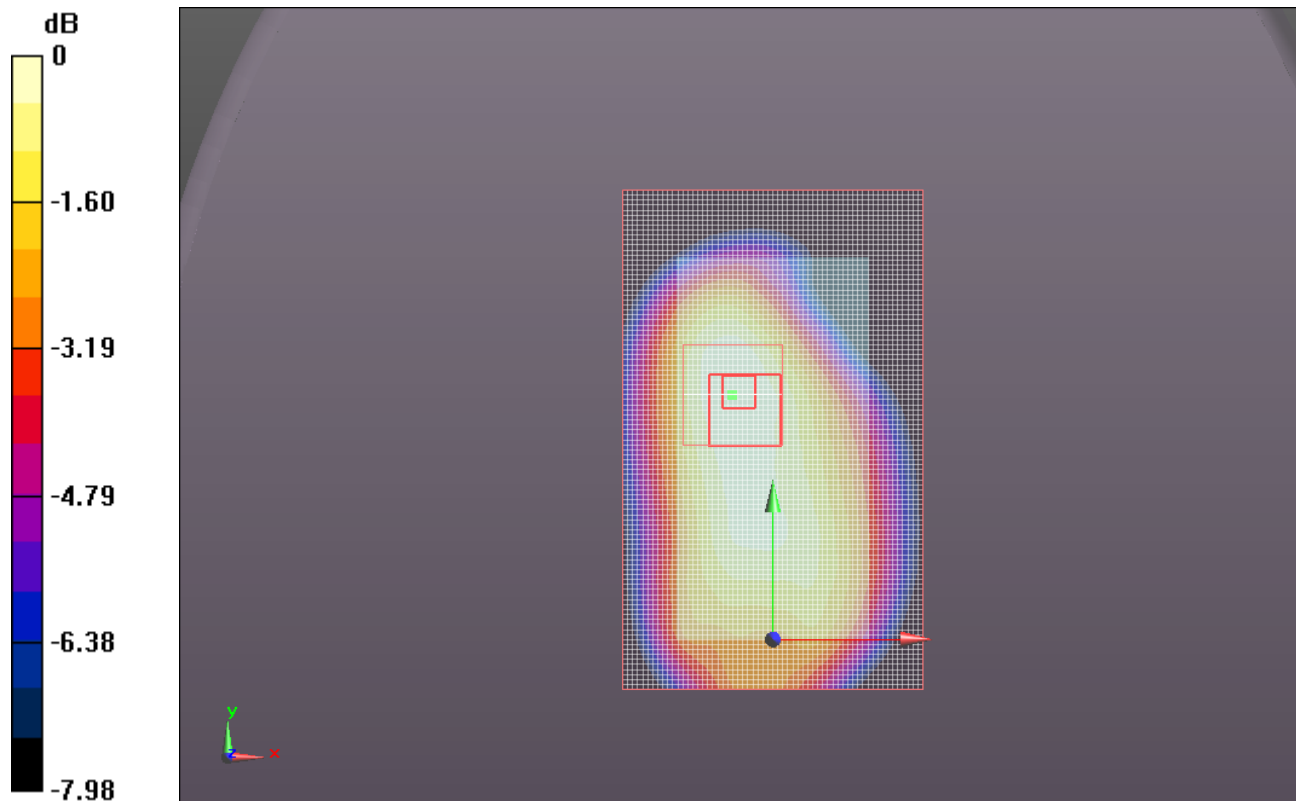
Reference Value = 19.040 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.396 W/kg

**SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.231 mW/g**

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

Maximum value of SAR (measured) = 0.346 mW/g



0 dB = 0.350mW/g

Test Laboratory: UL CCS SAR Lab C

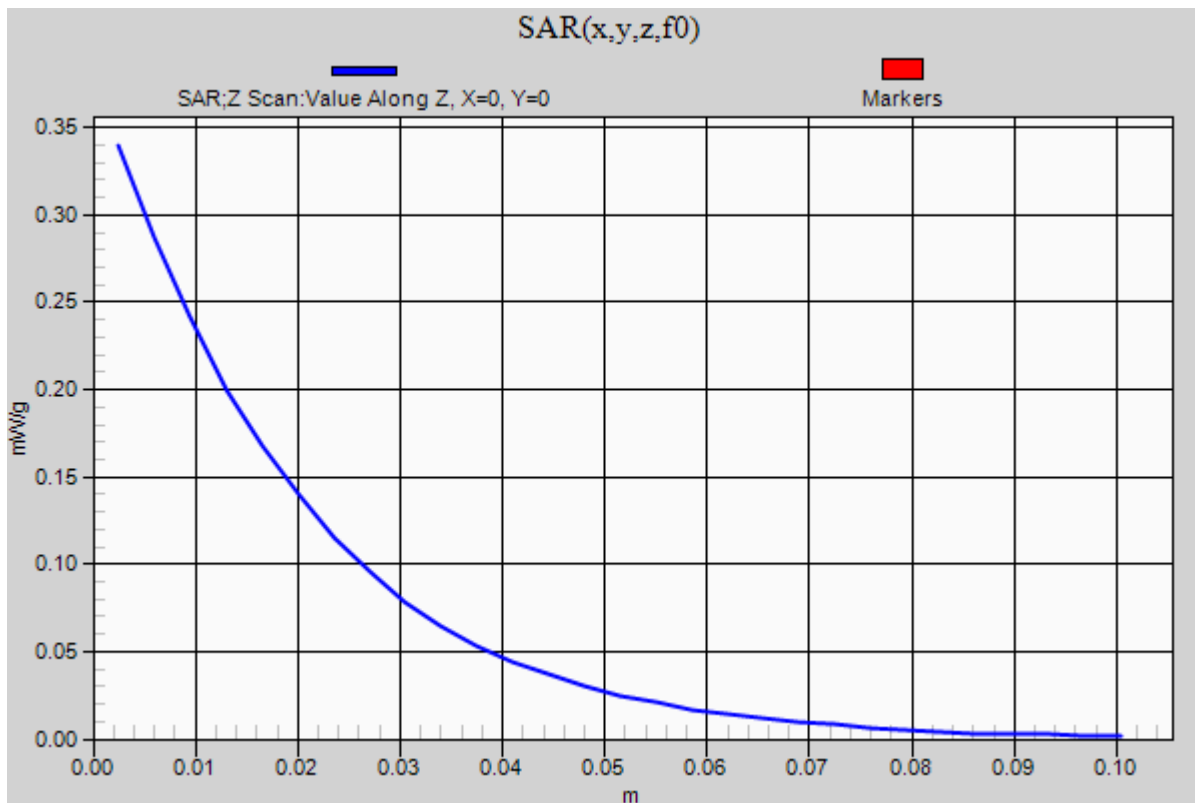
### GPRS\_Cell band

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

**Front side/GSM\_M-ch\_W/HEADSET/Z Scan (1x1x29):** Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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

Maximum value of SAR (measured) = 0.340 mW/g



Test Laboratory: UL CCS SAR Lab C

## GPRS\_Cell band

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;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 54.94$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/GSM\_M-ch\_Single slot/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Front side/GSM\_M-ch\_Single slot/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

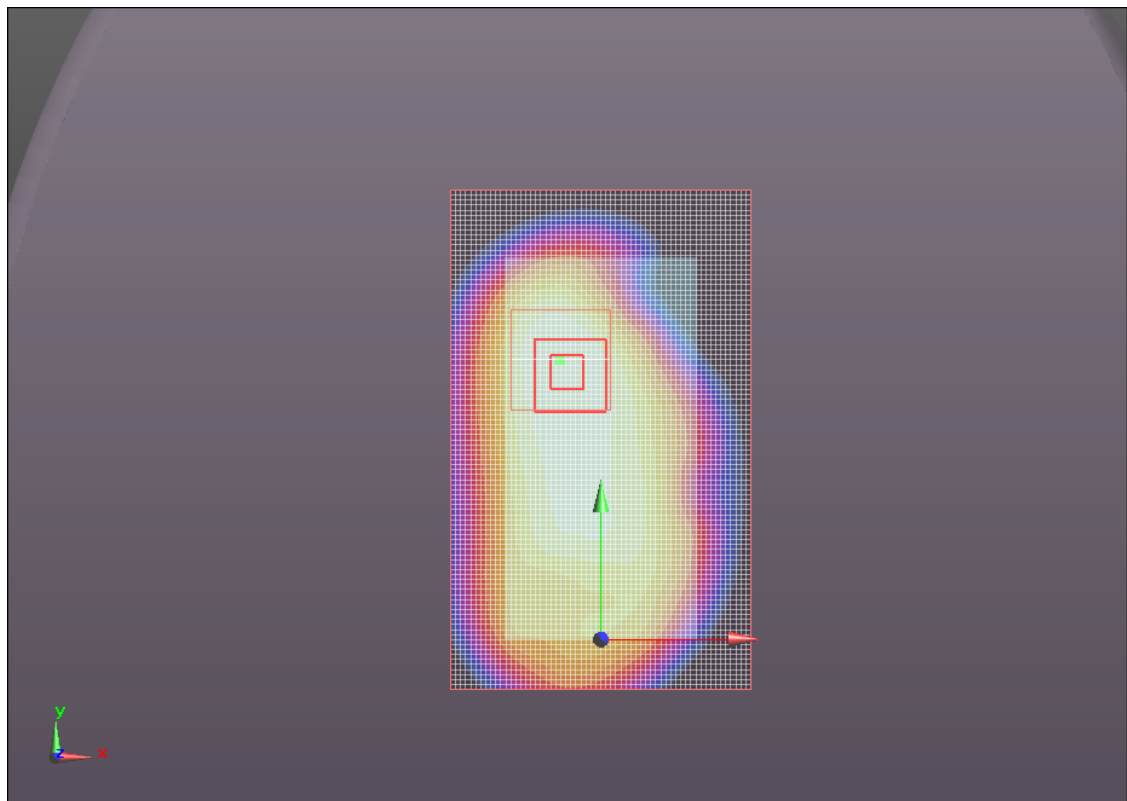
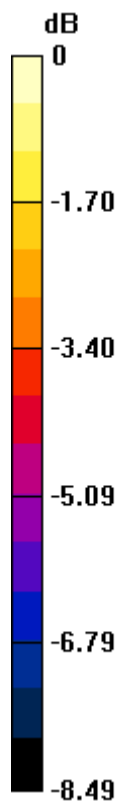
Reference Value = 19.239 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.404 W/kg

**SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.233 mW/g**

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

Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.350mW/g

Test Laboratory: UL CCS SAR Lab C

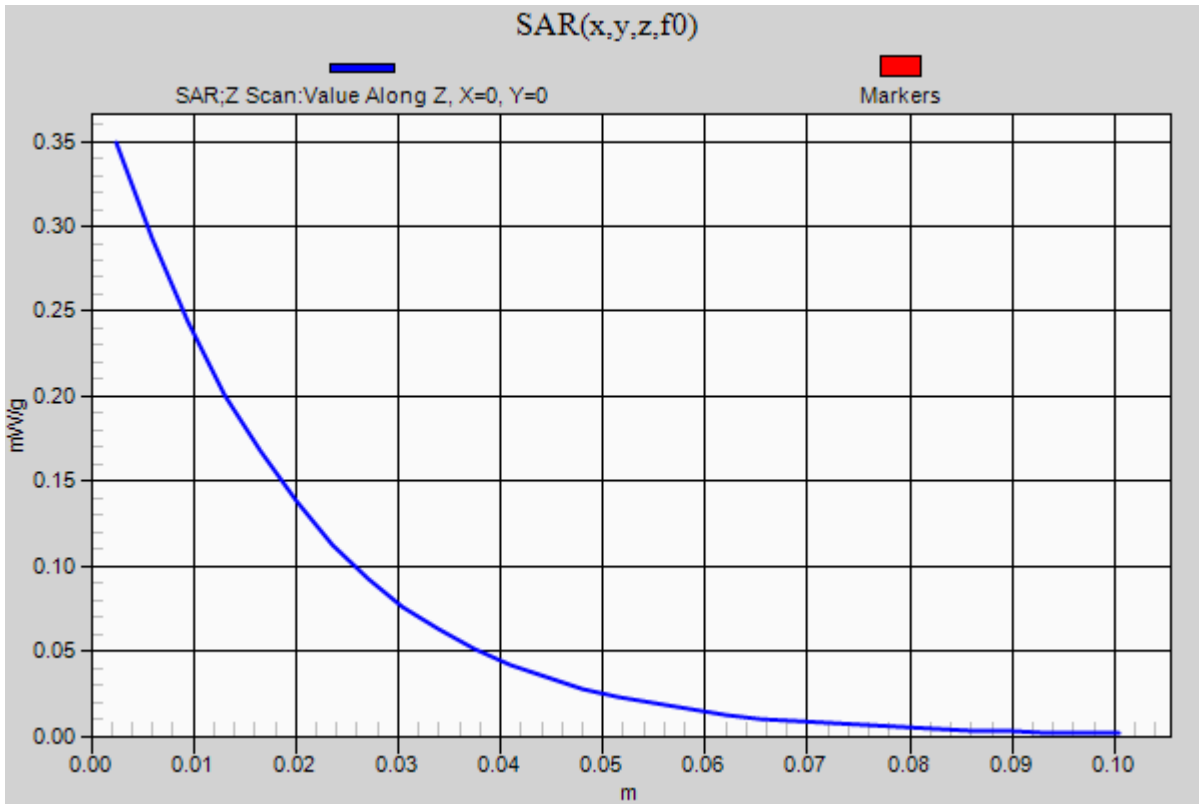
### GPRS\_Cell band

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

**Front side/GSM\_M-ch\_Single slot/Z Scan (1x1x29):** Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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

Maximum value of SAR (measured) = 0.349 mW/g



Test Laboratory: UL CCS SAR Lab C

## EU GSM850\_Body\_Ant Secondary

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 53.449$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Back side/M-ch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Back side/M-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

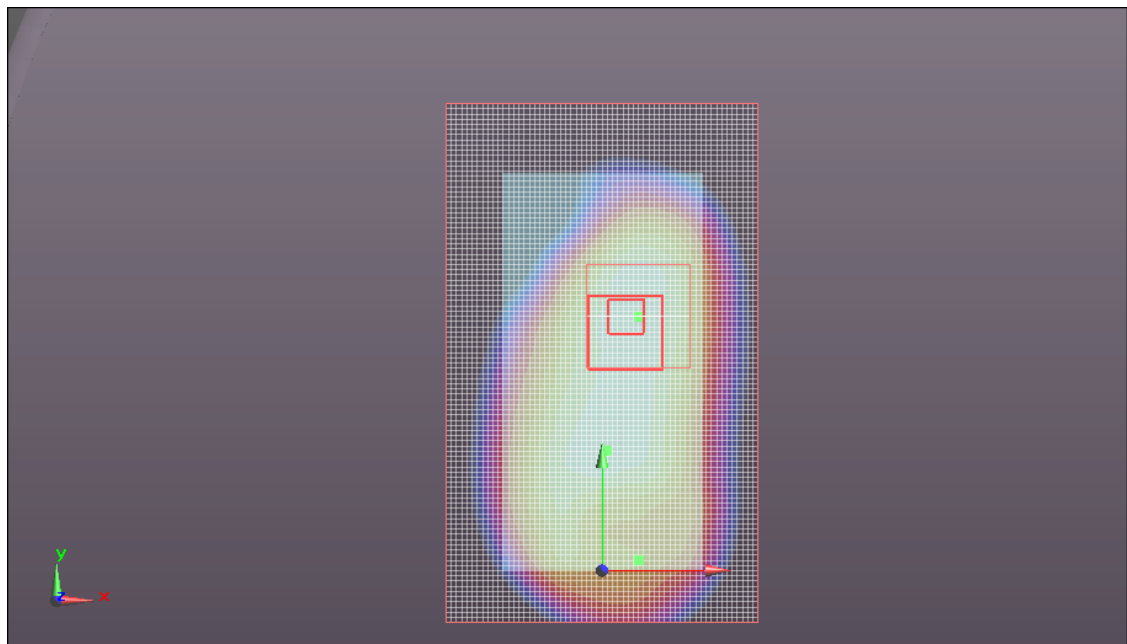
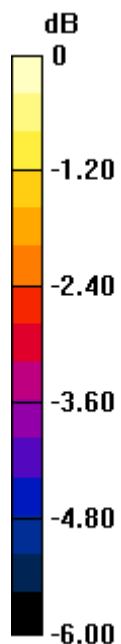
Reference Value = 14.642 V/m; Power Drift = 0.0069 dB

Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.142 mW/g**

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

Maximum value of SAR (measured) = 0.212 mW/g



0 dB = 0.210mW/g



Test Laboratory: UL CCS SAR Lab C

## GPRS\_Cell band

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;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 54.94$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

### Right/GSM\_M-ch 2\_Hot Spot\_EU Spot Check/Area Scan (61x101x1): Measurement grid:

$dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (interpolated) = 0.444 mW/g

### Right/GSM\_M-ch 2\_Hot Spot\_EU Spot Check/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

$dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

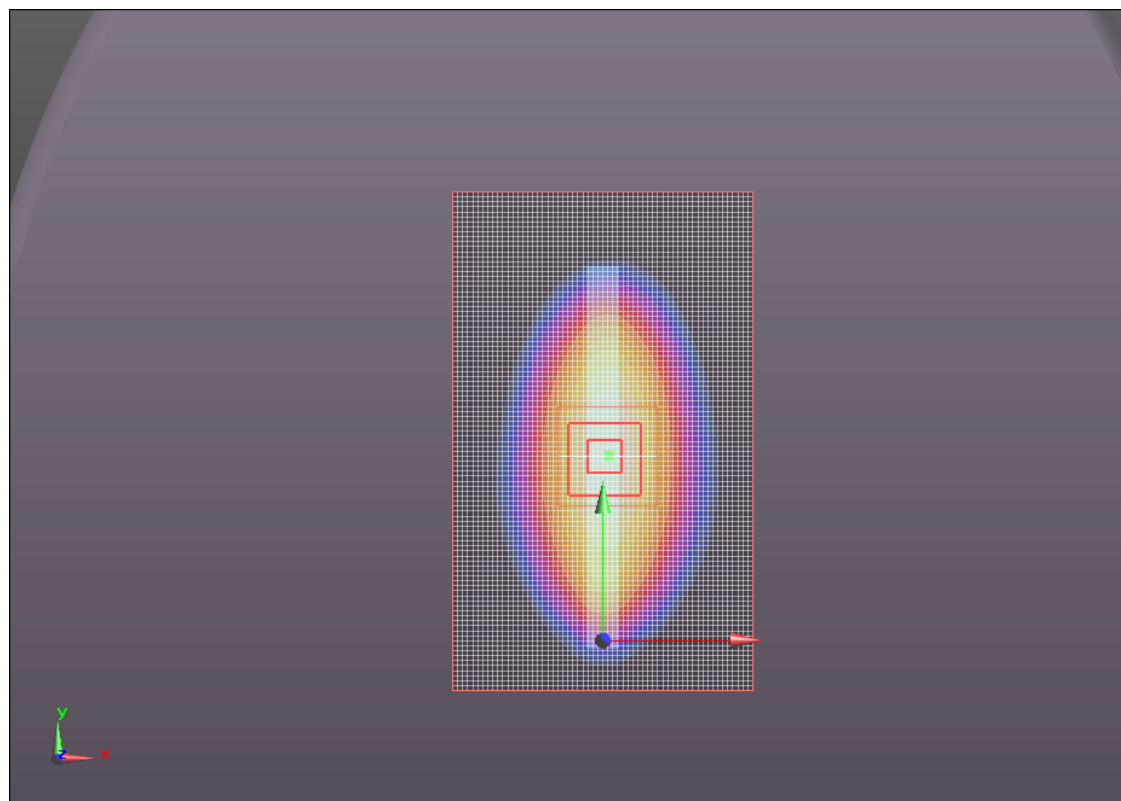
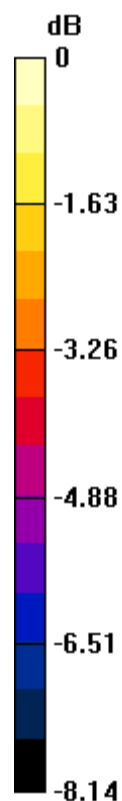
Reference Value = 21.325 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.533 W/kg

**SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.251 mW/g**

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

Maximum value of SAR (measured) = 0.438 mW/g



0 dB = 0.440mW/g

Test Laboratory: UL CCS SAR Lab C

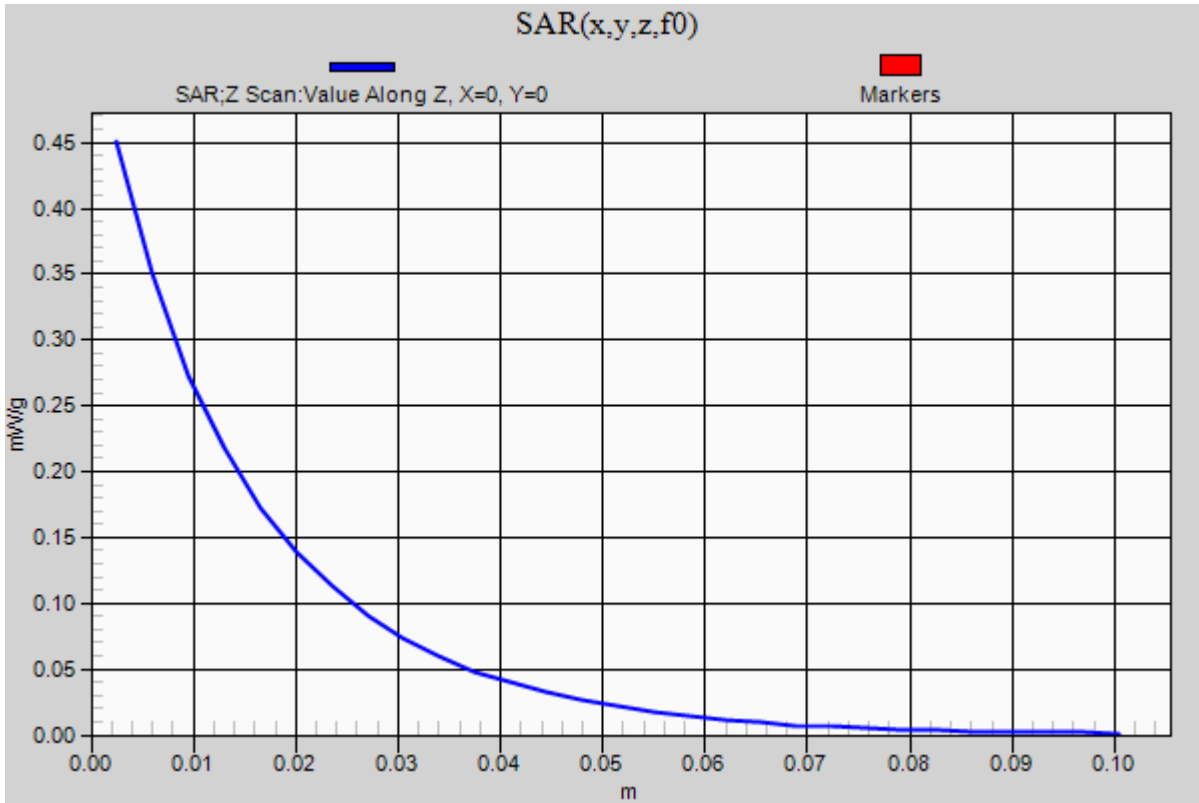
### GPRS\_Cell band

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

**Right/GSM\_M-ch 2\_Hot Spot\_EU Spot Check/Z Scan (1x1x29):** Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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

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



Test Laboratory: UL CCS SAR Lab C

## GPRS\_Cell band

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;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 54.94$ ;  $\rho = 1000$  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 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1257; Calibrated: 5/3/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Front side/GSM\_M-ch\_Body Worn\_EU Spot Check/Area Scan (61x101x1):** Measurement grid:  
 $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (interpolated) = 0.361 mW/g

**Front side/GSM\_M-ch\_Body Worn\_EU Spot Check/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

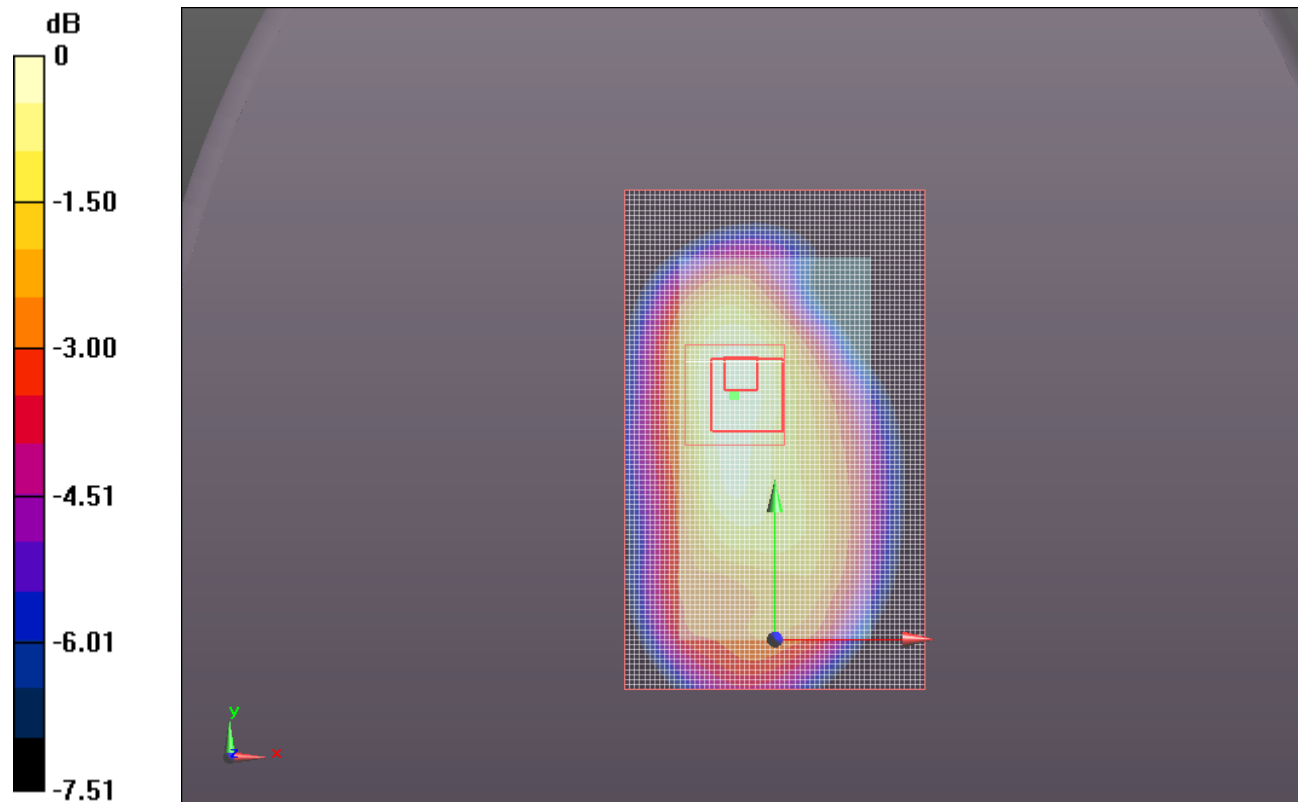
Reference Value = 19.054 V/m; Power Drift = -0.25 dB

Peak SAR (extrapolated) = 0.399 W/kg

**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.231 mW/g**

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

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



0 dB = 0.350mW/g

Test Laboratory: UL CCS SAR Lab C

## GPRS\_Cell band

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

**Front side/GSM\_M-ch\_Body Worn\_EU Spot Check/Z Scan (1x1x29):** Measurement grid:

dx=20mm, dy=20mm, dz=3.5mm

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

Maximum value of SAR (measured) = 0.345 mW/g

