

Test Laboratory: UL CCS SAR Lab B

## GPRS850\_SecondaryPortrait

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;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.488$ ;  $\rho = 1000$  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 - SN3773; ConvF(8.67, 8.67, 8.67); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

## GPRS850/SecondaryPortrait/Area Scan (71x121x1):

Measurement grid: dx=15mm, dy=15mm

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

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

## GPRS850/SecondaryPortrait/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm,

dz=5mm

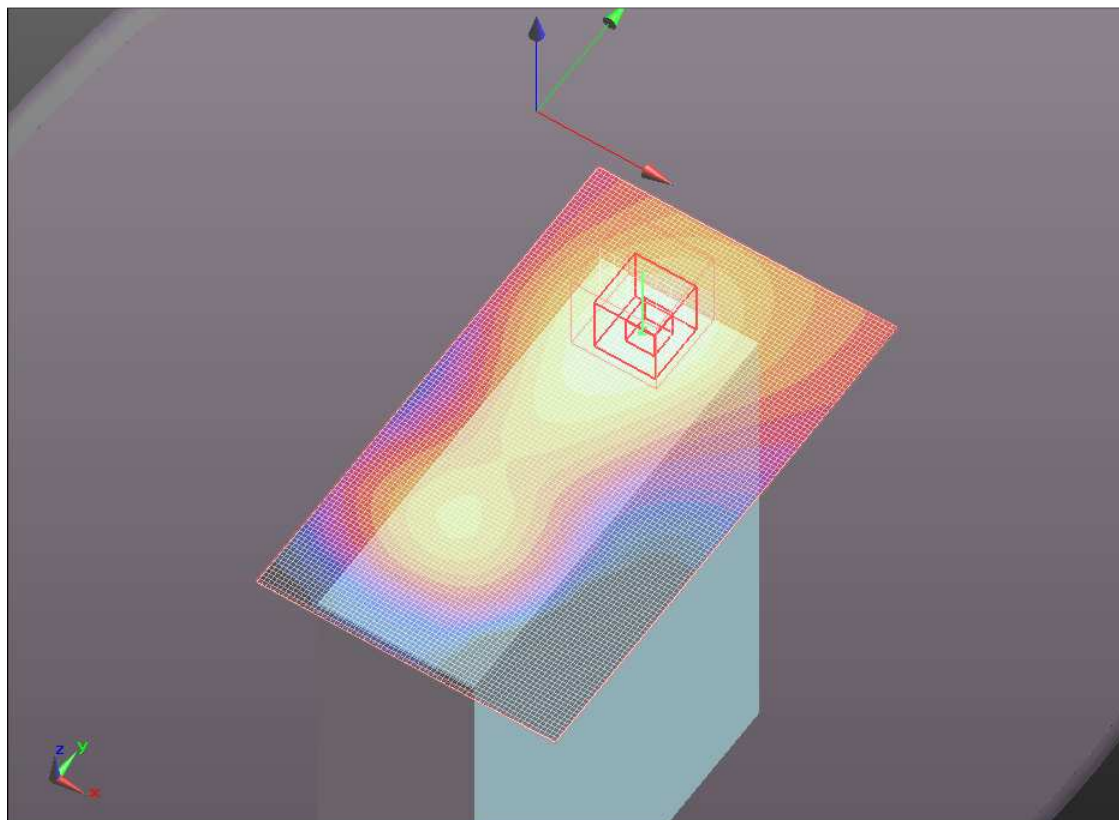
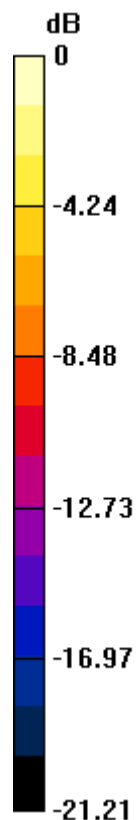
Reference Value = 13.472 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.253 W/kg

**SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.071 mW/g**

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

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



0 dB = 0.180mW/g

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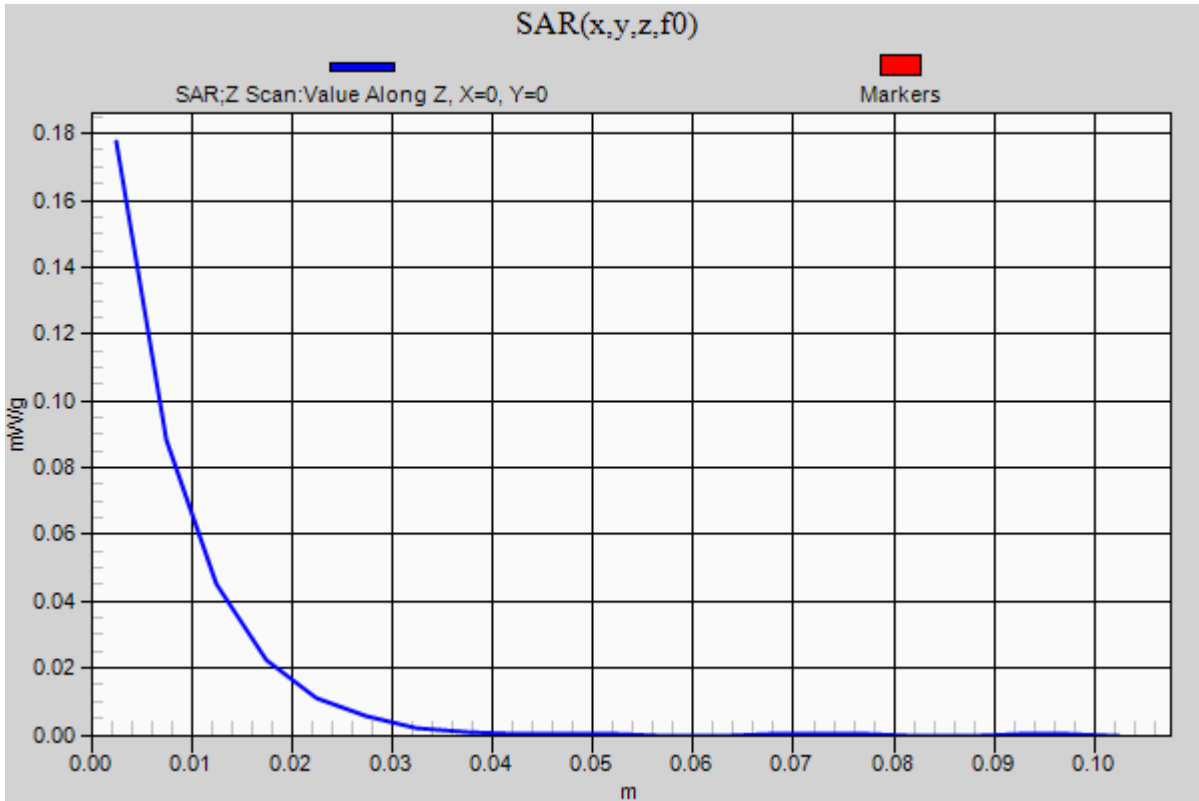
### GPRS850\_SecondaryPortrait

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

**GPRS850/SecondaryPortrait/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.177 mW/g



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## GPRS850\_Base

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;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.488$ ;  $\rho = 1000$  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 - SN3773; ConvF(8.67, 8.67, 8.67); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**GPRS850/Base/Area Scan (131x151x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.096 mW/g

**GPRS850/Base/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

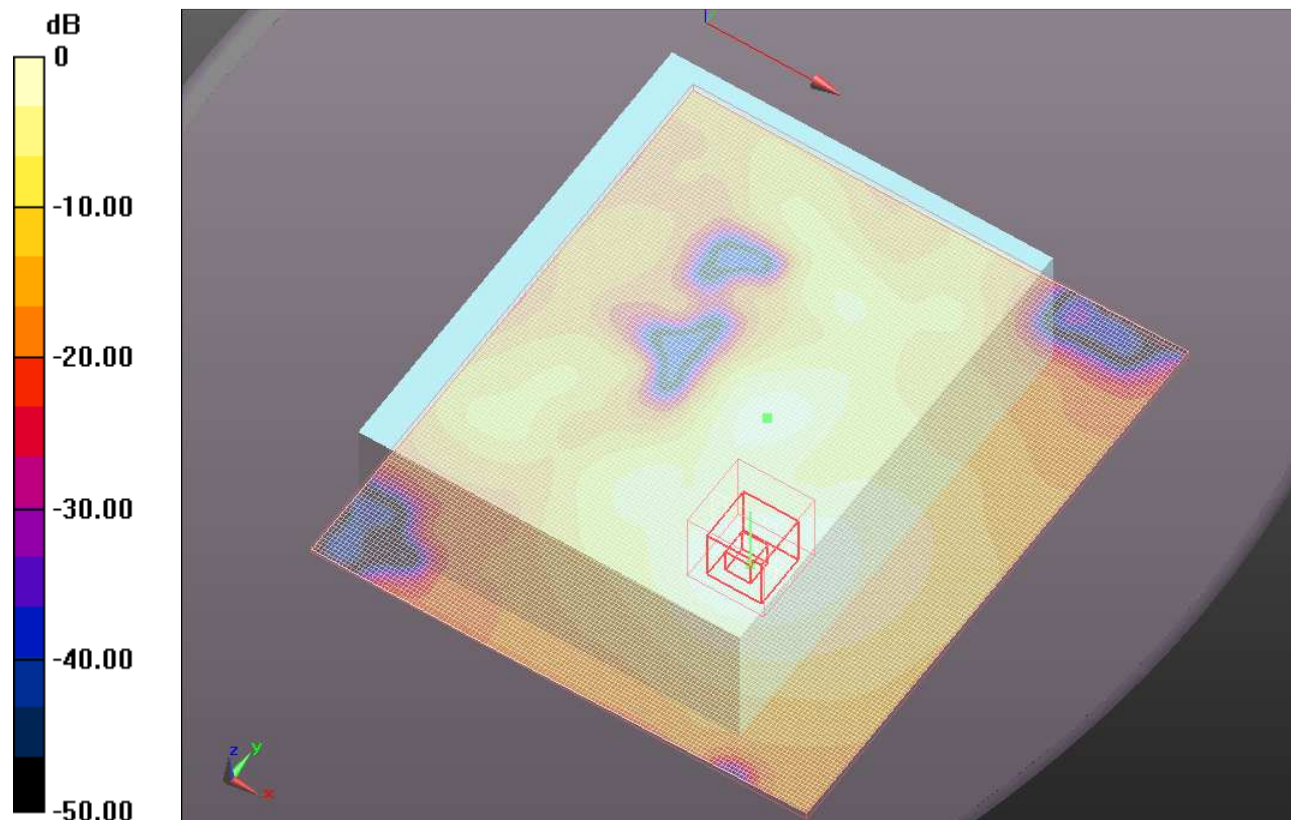
Reference Value = 9.890 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.131 W/kg

**SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.039 mW/g**

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

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



0 dB = 0.090mW/g

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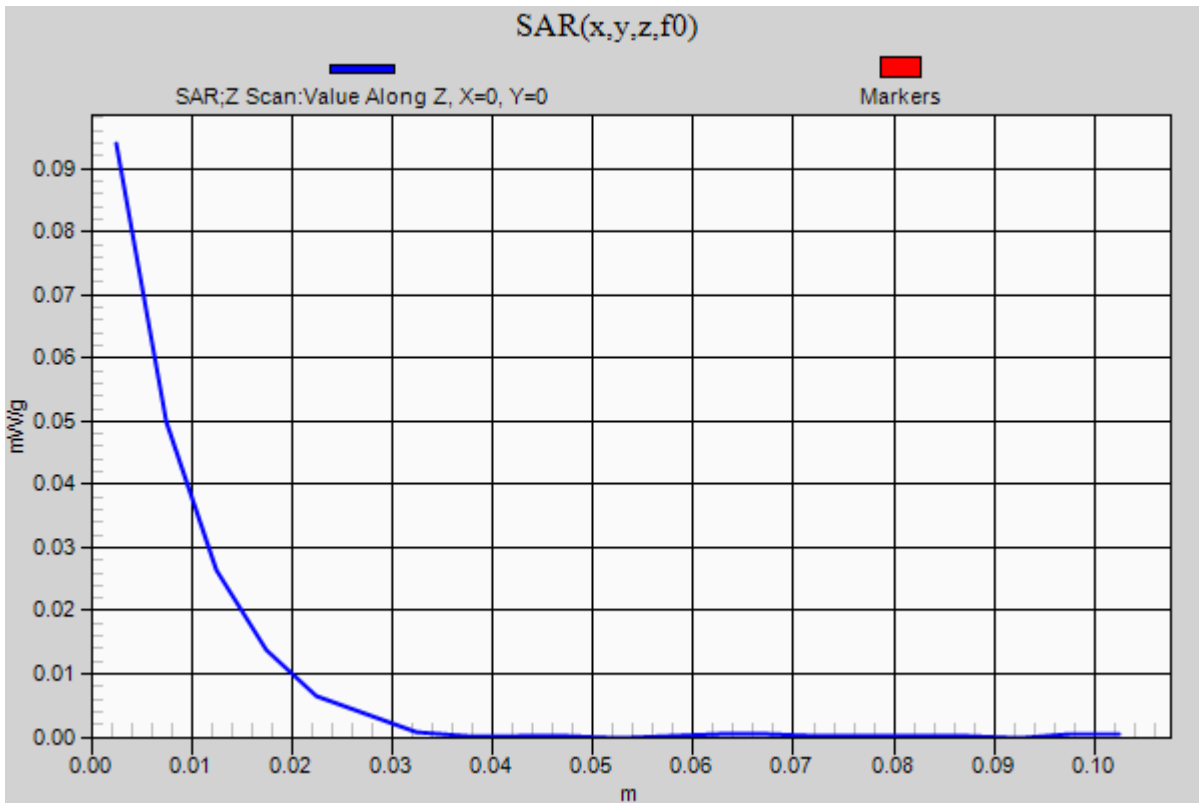
### GPRS850\_Base

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

**GPRS850/Base/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

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



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## UMTS Band V\_SecondaryPortrait

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz; Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.488$ ;  $\rho = 1000$  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 - SN3773; ConvF(8.67, 8.67, 8.67); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**UMTS Band V/SecondaryPortrait/Area Scan (91x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.252 mW/g

**UMTS Band V/SecondaryPortrait/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

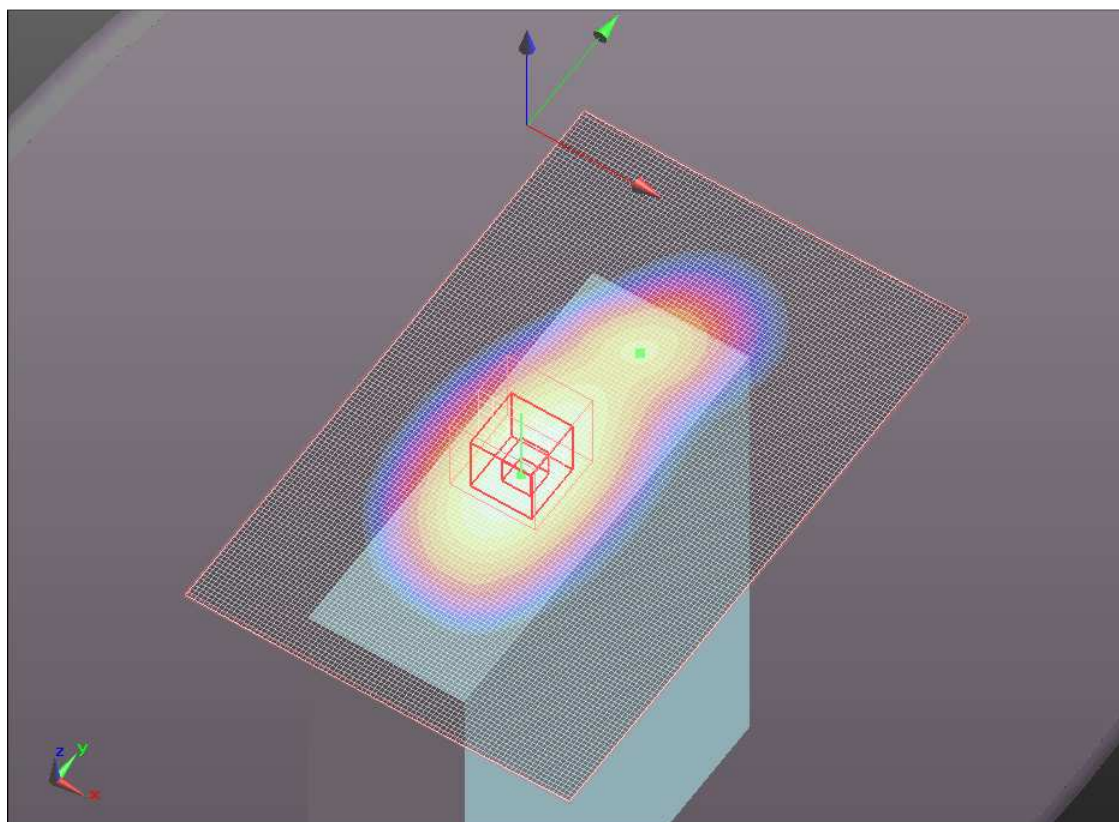
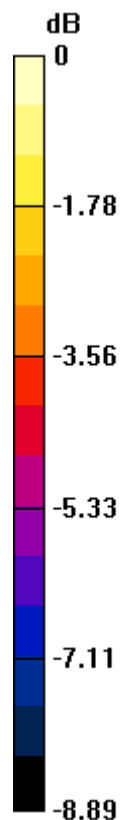
Reference Value = 16.045 V/m; Power Drift = 0.0095 dB

Peak SAR (extrapolated) = 0.291 W/kg

**SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.156 mW/g**

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

Maximum value of SAR (measured) = 0.253 mW/g



0 dB = 0.250mW/g

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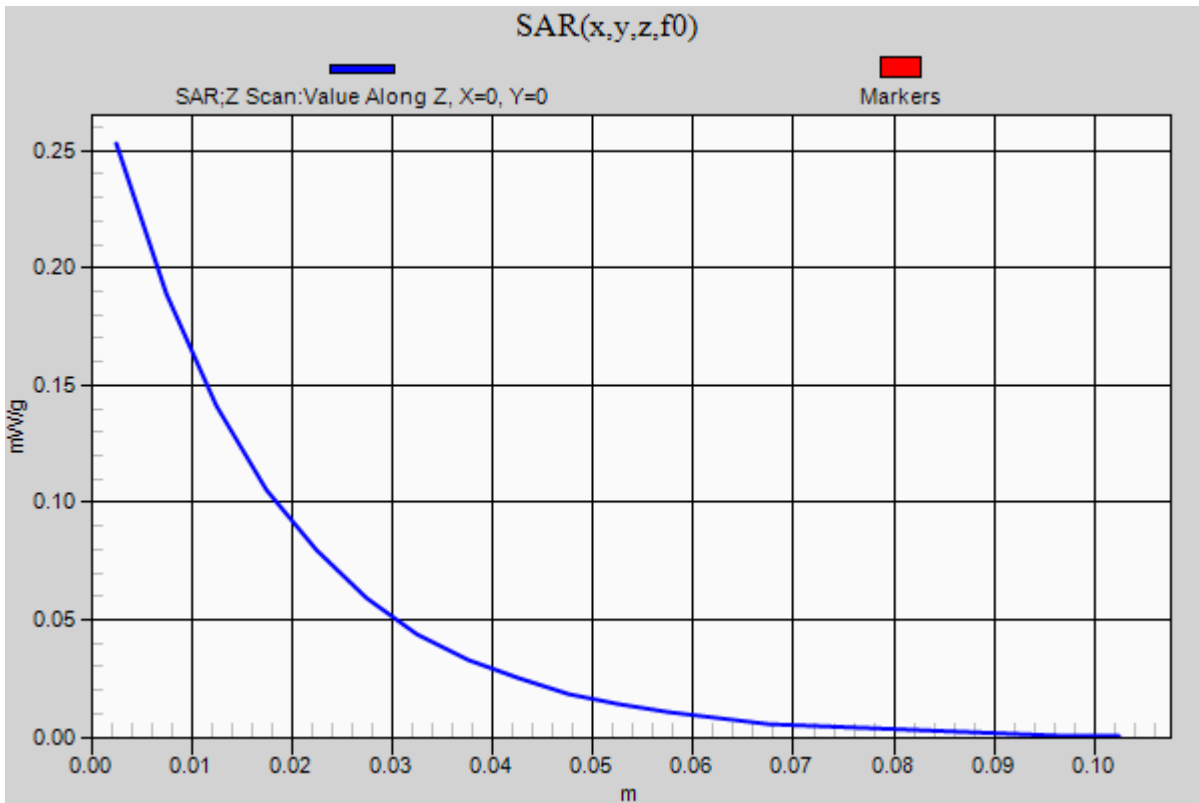
## UMTS Band V\_SecondaryPortrait

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz;Duty Cycle: 1:1

**UMTS Band V/SecondaryPortrait/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.253 mW/g



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## UMTS Band V\_Base

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz; Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.488$ ;  $\rho = 1000$  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 - SN3773; ConvF(8.67, 8.67, 8.67); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**UMTS Band V/Base/Area Scan (151x171x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**UMTS Band V/Base/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

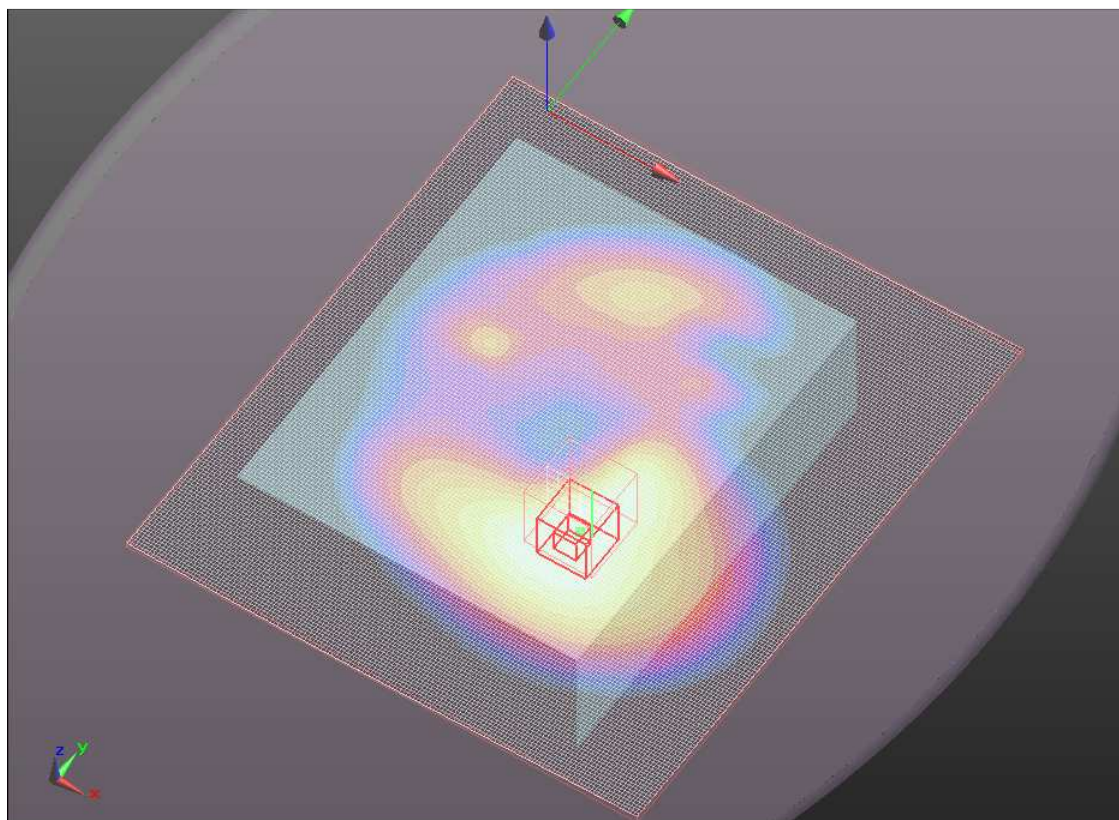
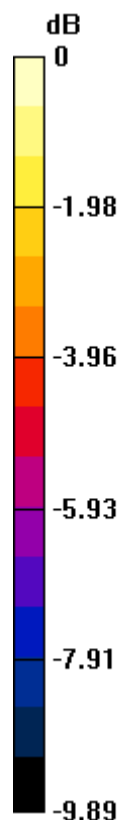
Reference Value = 13.991 V/m; Power Drift = 0.37 dB

Peak SAR (extrapolated) = 0.236 W/kg

**SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.122 mW/g**

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

Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.200mW/g

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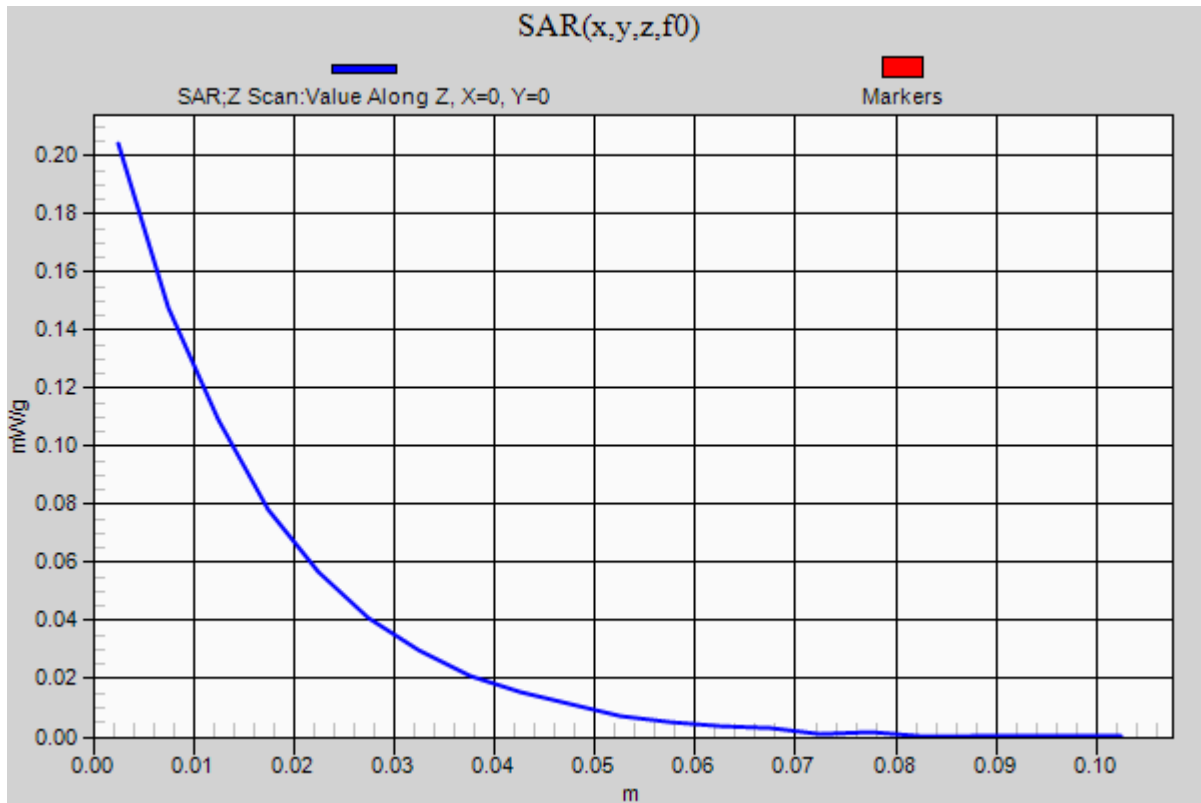
## UMTS Band V\_Base

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz; Duty Cycle: 1:1

**UMTS Band V/Base/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.204 mW/g





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## CDMA Cell\_SecondaryPortrait

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.488$ ;  $\rho = 1000$  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 - SN3773; ConvF(8.67, 8.67, 8.67); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

## CDMA Cell/SecondaryPortrait/Area Scan (71x121x1):

Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.253 mW/g

## CDMA Cell/SecondaryPortrait/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm,

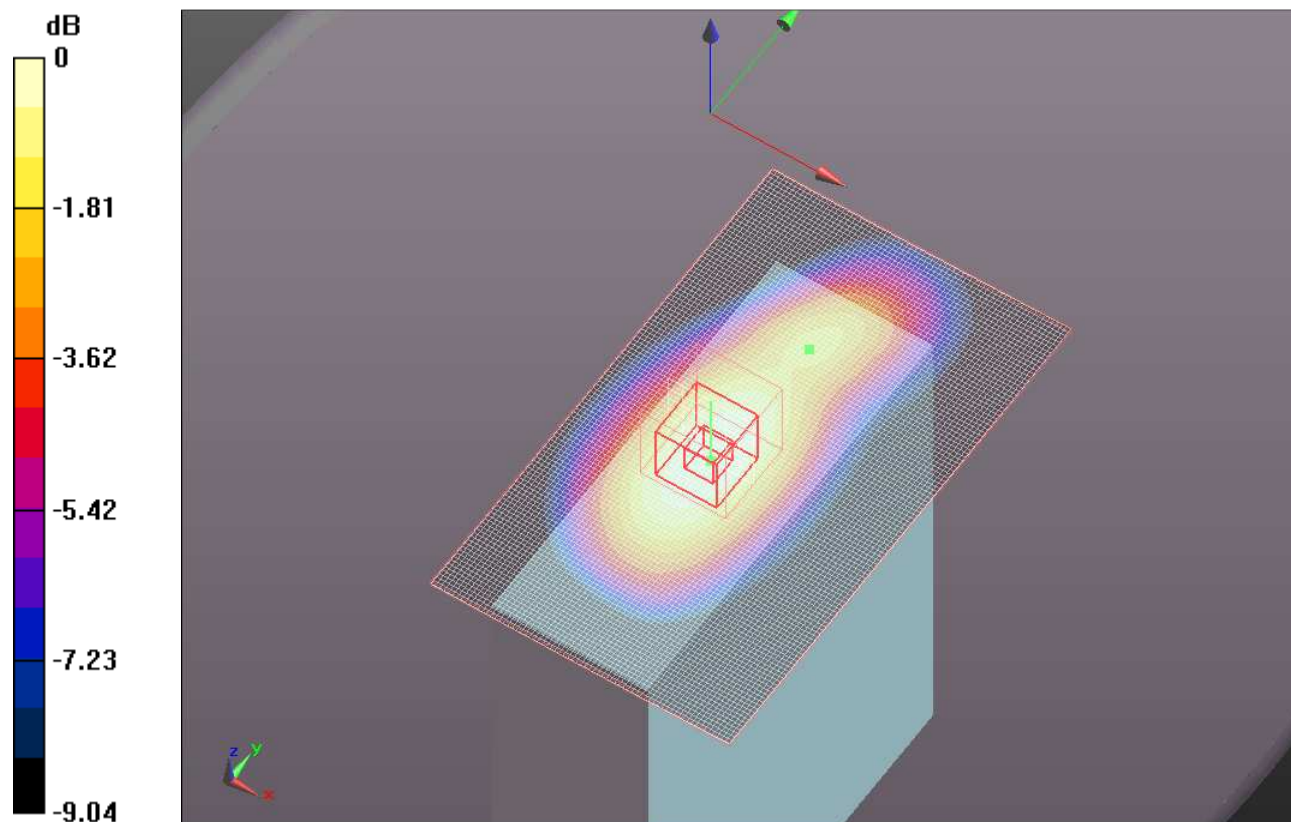
dz=5mm

Reference Value = 15.918 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.290 W/kg

**SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.155 mW/g**Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.252 mW/g



0 dB = 0.250mW/g

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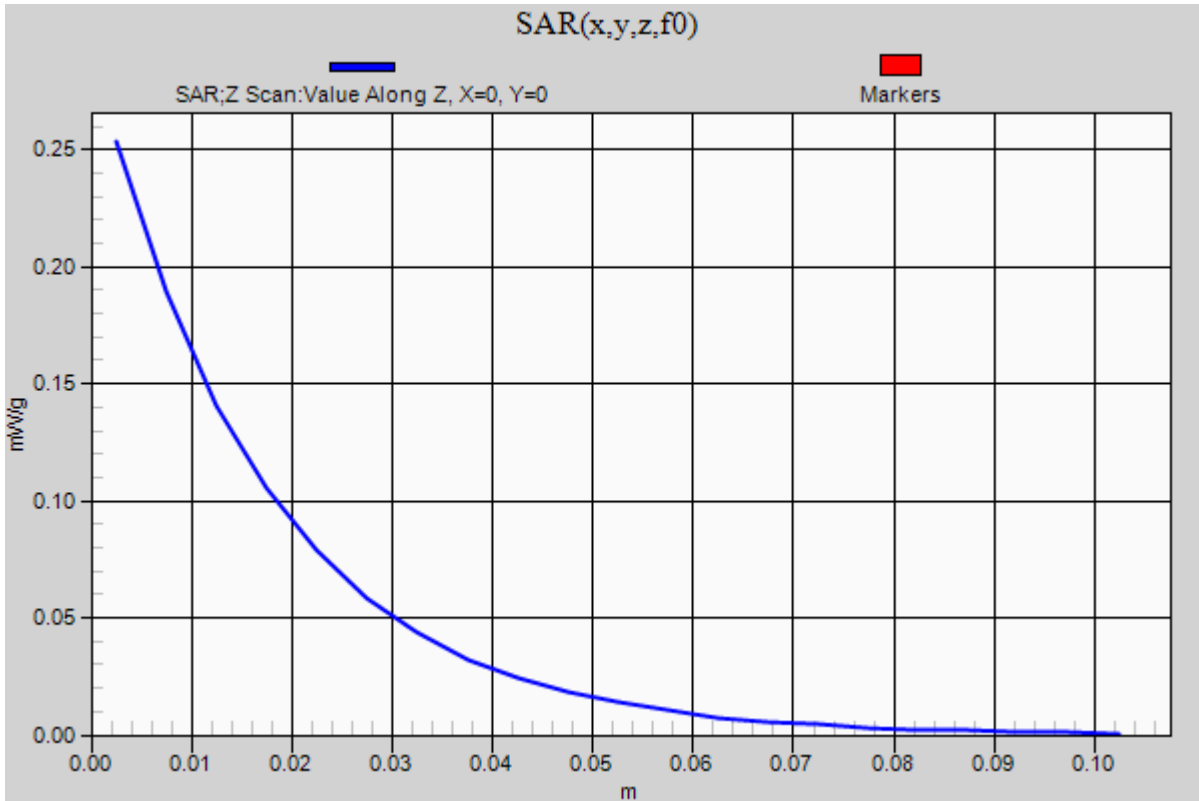
### CDMA Cell\_SecondaryPortrait

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1

**CDMA Cell/SecondaryPortrait/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.253 mW/g



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## CDMA Cell\_Base

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.488$ ;  $\rho = 1000$  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 - SN3773; ConvF(8.67, 8.67, 8.67); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**CDMA Cell/Base/Area Scan (131x151x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.210 mW/g

**CDMA Cell/Base/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

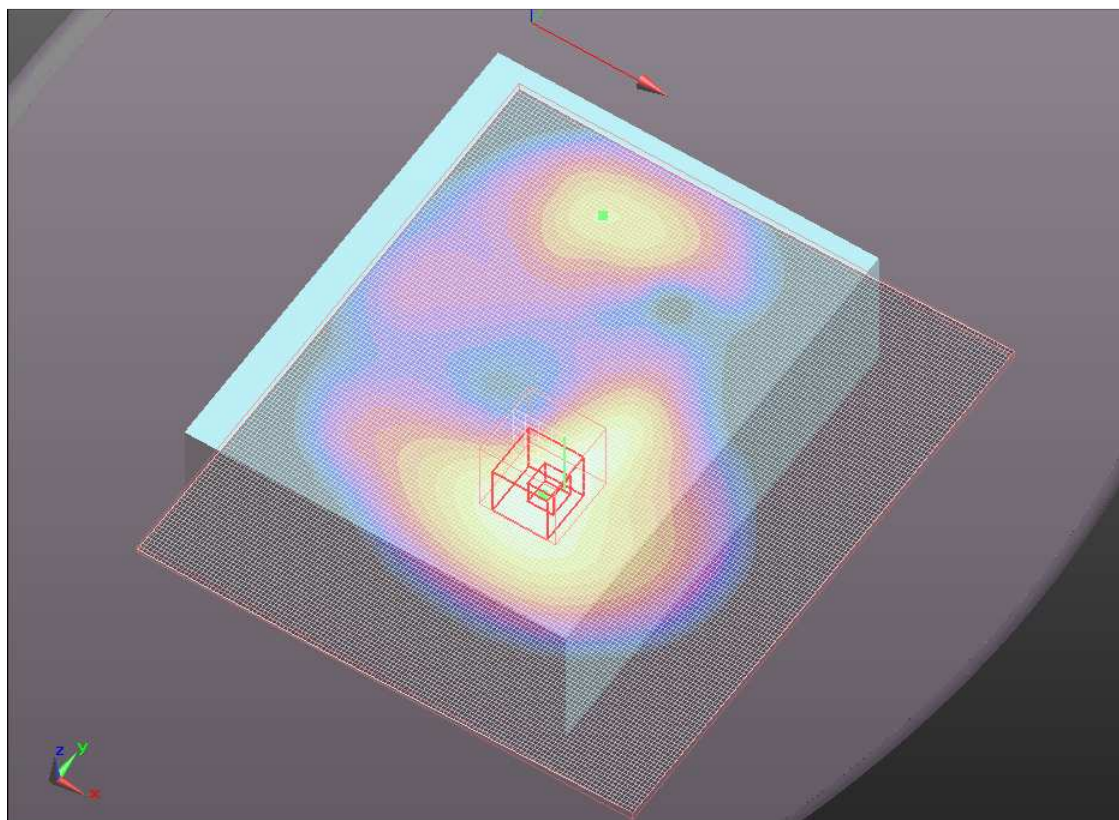
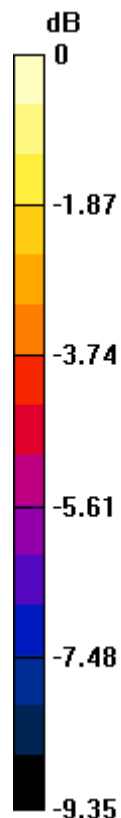
Reference Value = 14.877 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.253 W/kg

**SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.132 mW/g**

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

Maximum value of SAR (measured) = 0.215 mW/g



0 dB = 0.210mW/g

Test Laboratory: UL CCS SAR Lab B

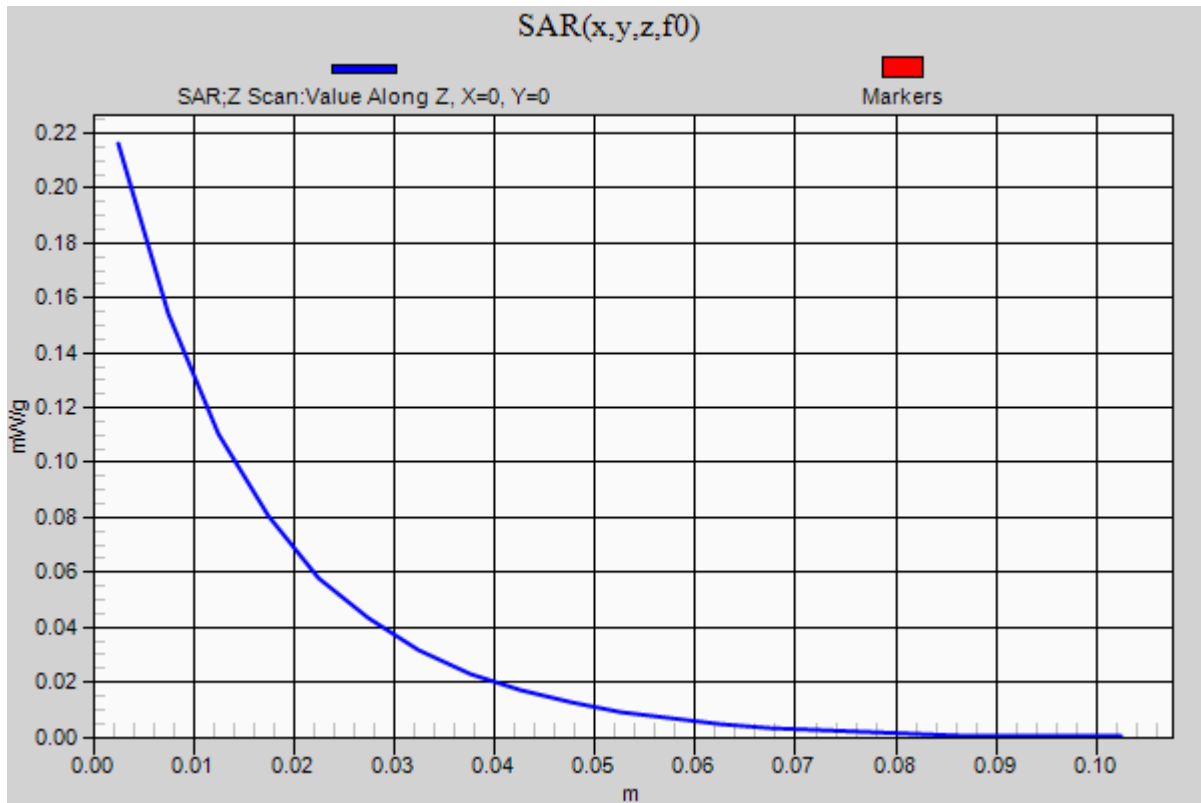
## CDMA Cell\_Base

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

**CDMA Cell/Base/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.216 mW/g



Test Laboratory: UL CCS SAR Lab B

## GPRS1900\_SecondaryPortrait

Communication System: GPRS-FDD(TDMA,GMSK, 2 slot); Frequency: 1880 MHz;Duty Cycle: 1:4.00037  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 53.531$ ;  $\rho = 1000$  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 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**GPRS1900/SecondaryPortrait/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.299 mW/g

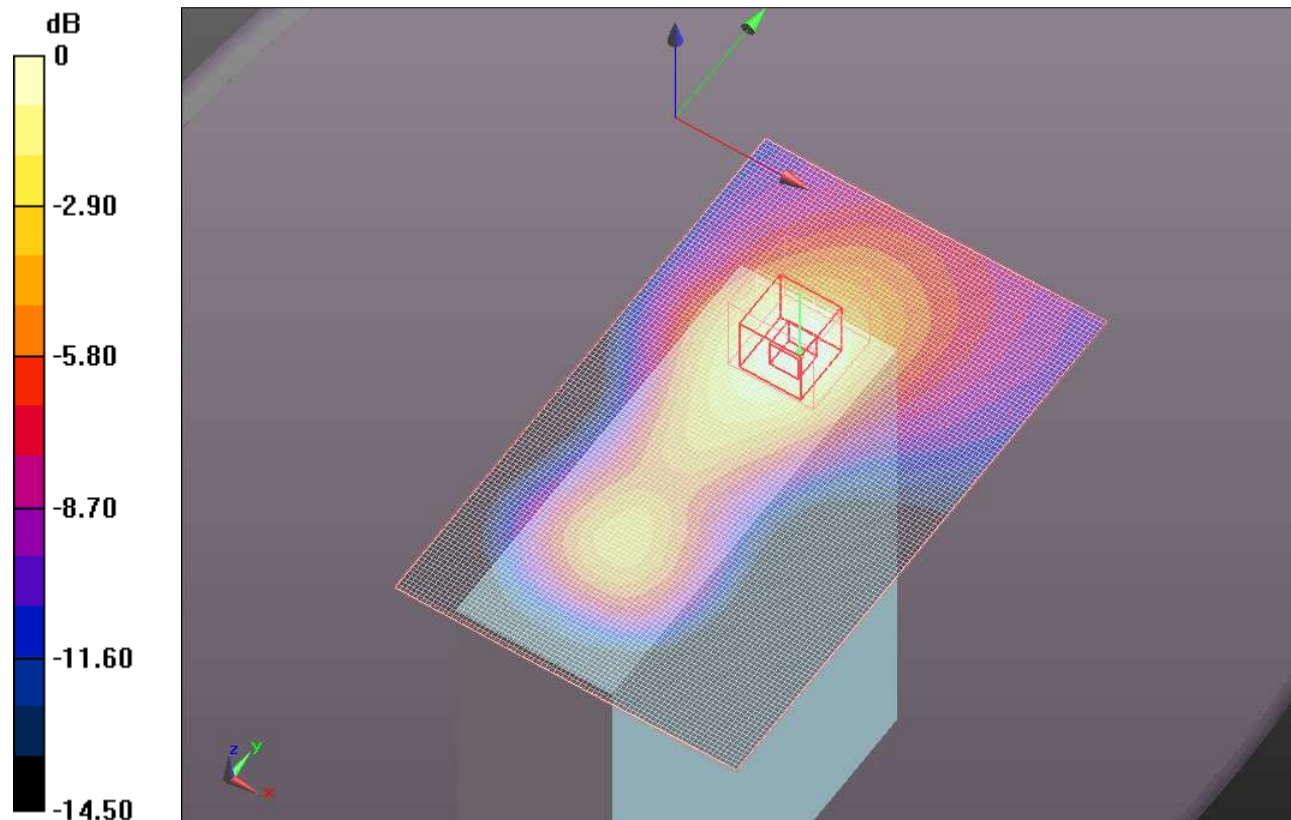
**GPRS1900/SecondaryPortrait/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.080 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.397 W/kg

**SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.147 mW/g**

Maximum value of SAR (measured) = 0.309 mW/g



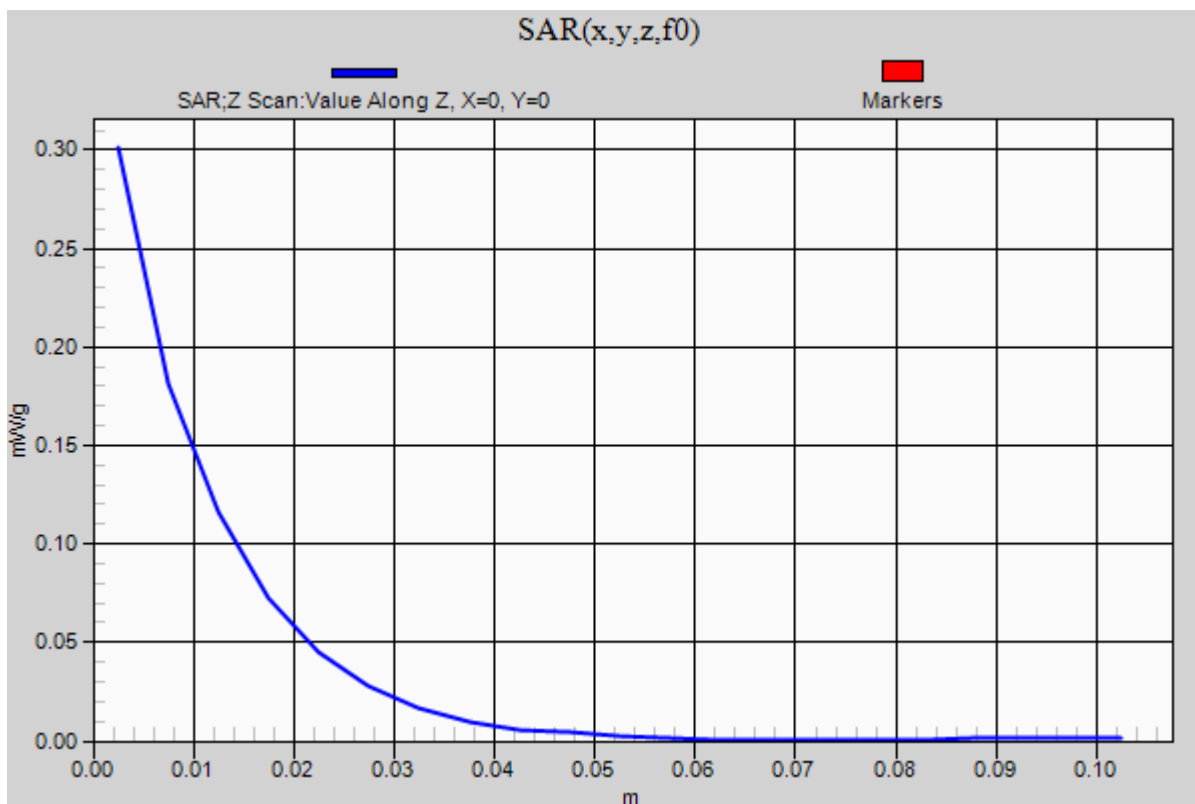
0 dB = 0.310mW/g

Test Laboratory: UL CCS SAR Lab B

### GPRS1900\_SecondaryPortrait

Communication System: GPRS-FDD(TDMA,GMSK, 2 slot); Frequency: 1880 MHz;Duty Cycle: 1:4.00037

**GPRS1900/SecondaryPortrait/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.301 mW/g



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## GPRS1900\_Base

Communication System: GPRS-FDD(TDMA,GMSK, 2 slot); Frequency: 1880 MHz;Duty Cycle: 1:4.00037  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.496 \text{ mho/m}$ ;  $\epsilon_r = 53.531$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

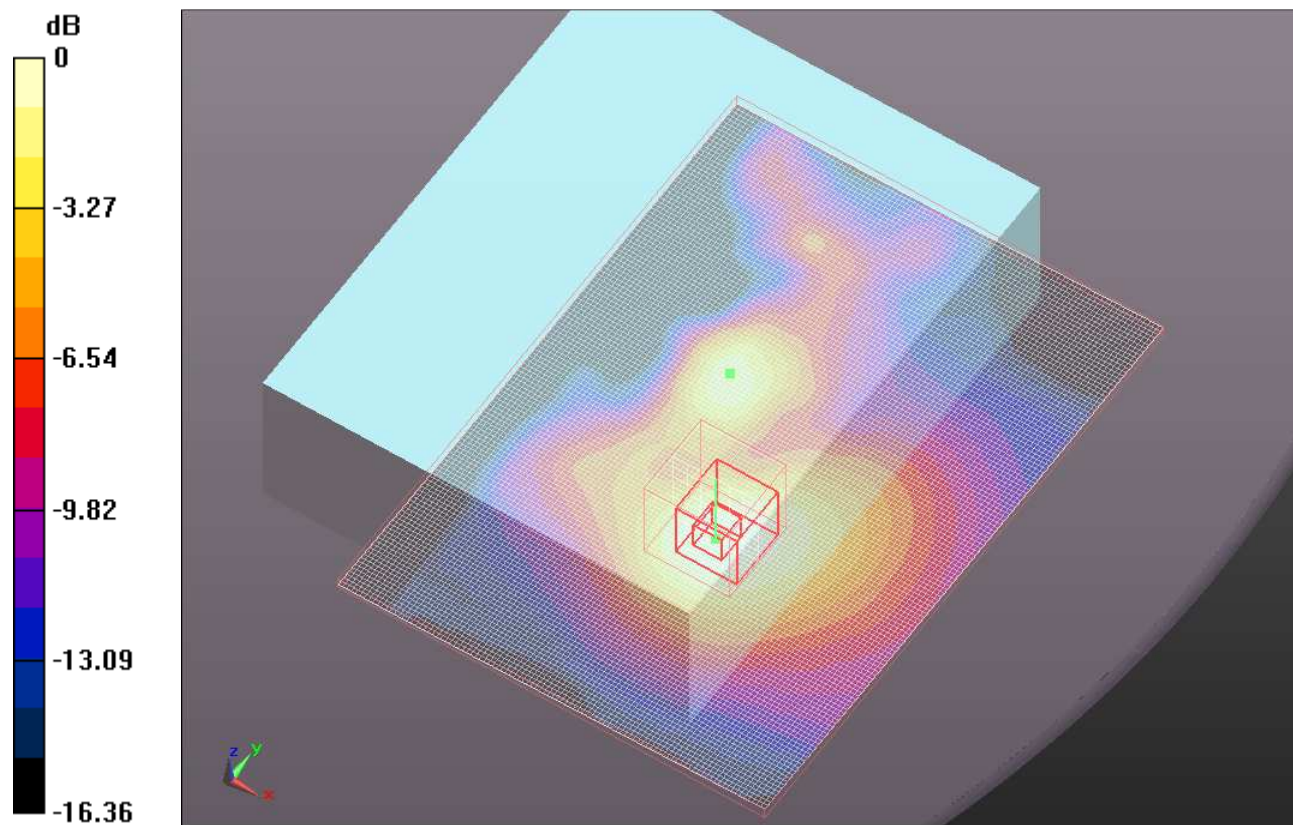
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**GPRS1900/Base/Area Scan (101x141x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) = 0.165 mW/g

**GPRS1900/Base/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 10.026 V/m; Power Drift = -0.05 dB  
 Peak SAR (extrapolated) = 0.194 W/kg  
**SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.077 mW/g**  
 Maximum value of SAR (measured) = 0.156 mW/g



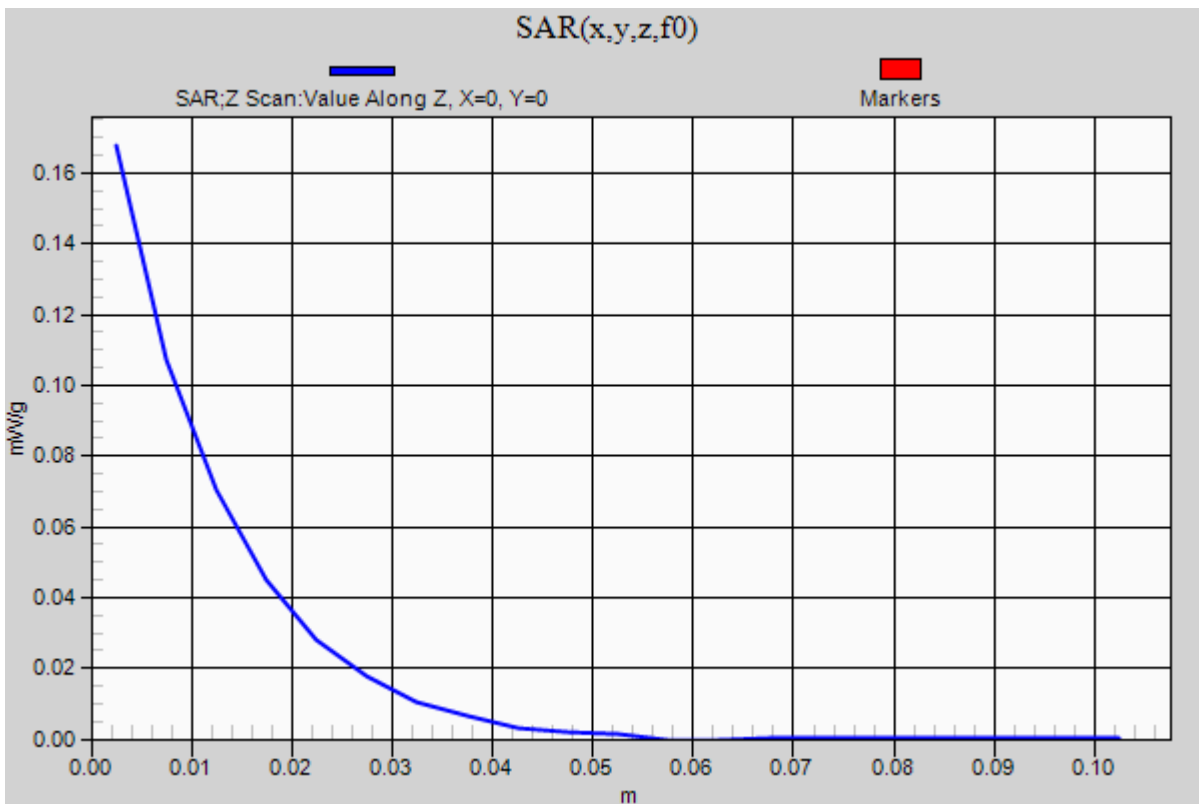
0 dB = 0.160mW/g

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### GPRS1900\_Base

Communication System: GPRS-FDD(TDMA,GMSK, 2 slot); Frequency: 1880 MHz;Duty Cycle: 1:4.00037

**GPRS1900/Base/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.168 mW/g





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## UMTS Band II\_SecondaryPortrait

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 53.531$ ;  $\rho = 1000$  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 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**UMTS Band II/SecondaryPortrait/Area Scan (91x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.408 mW/g

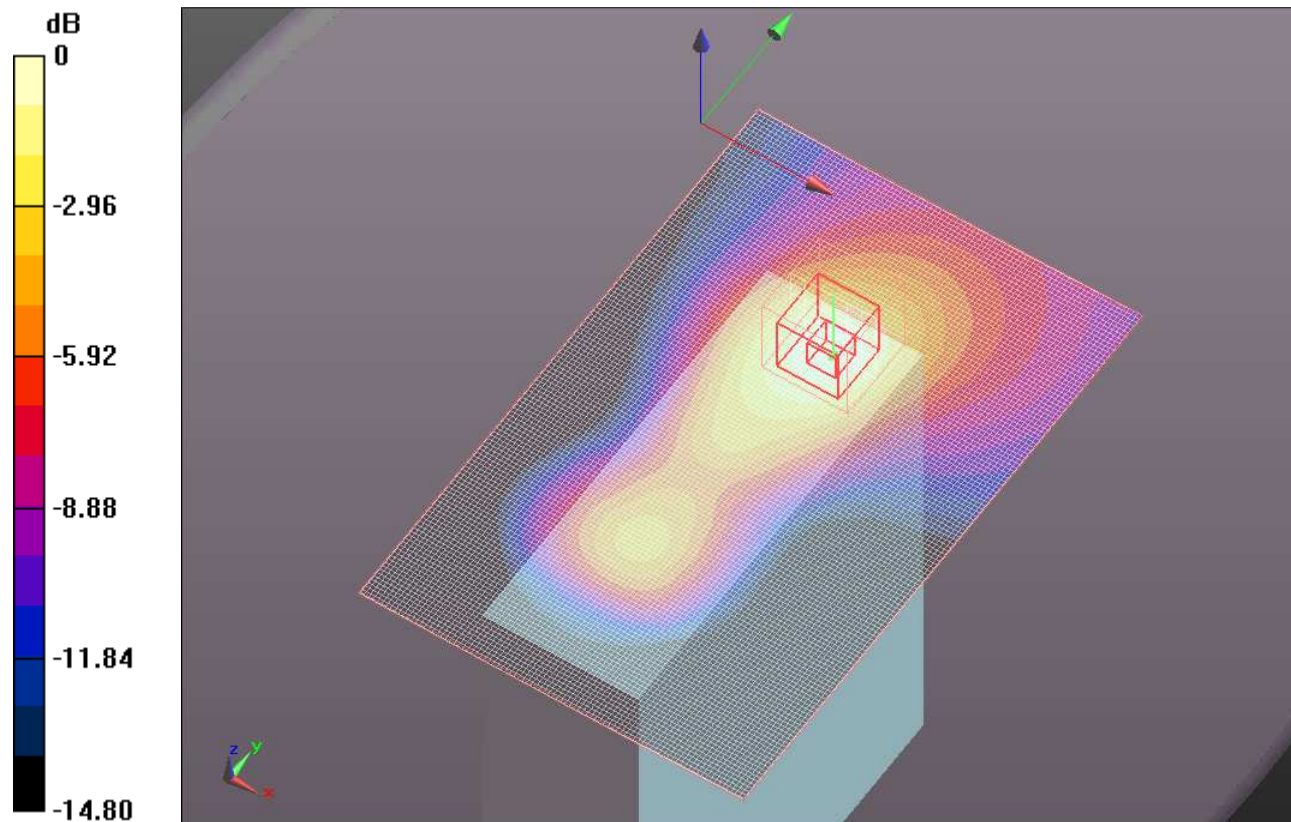
**UMTS Band II/SecondaryPortrait/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.064 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.547 W/kg

**SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.200 mW/g**

Maximum value of SAR (measured) = 0.423 mW/g



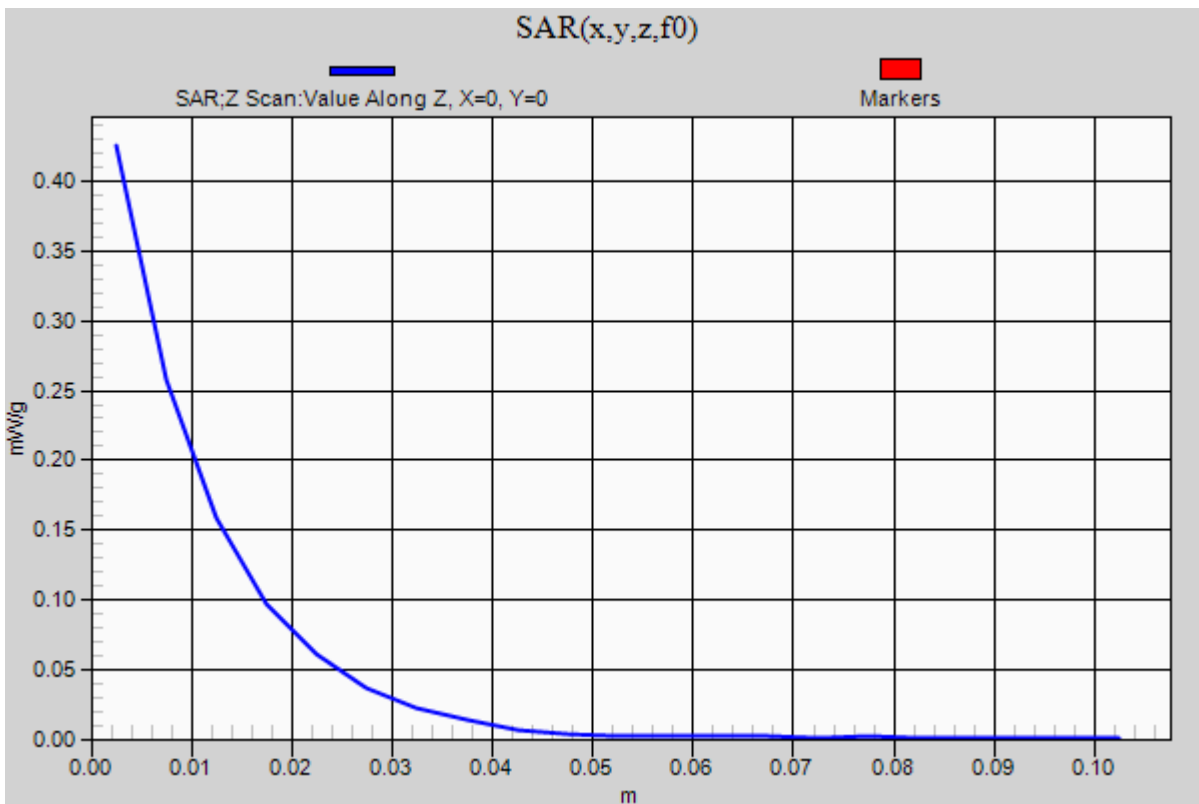
0 dB = 0.420mW/g

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### UMTS Band II\_SecondaryPortrait

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1

**UMTS Band II/SecondaryPortrait/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.426 mW/g



Test Laboratory: UL CCS SAR Lab B

## UMTS Band II\_Base

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 53.531$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

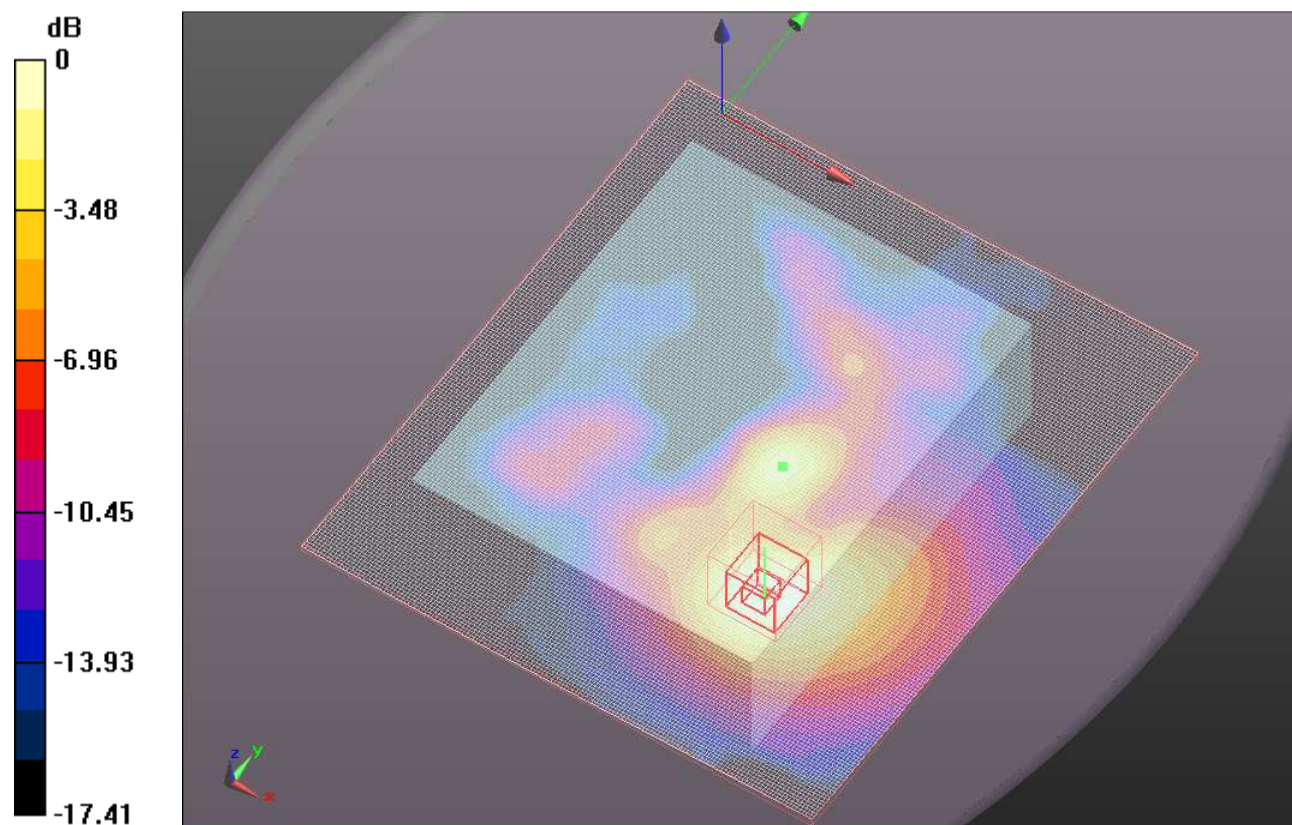
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**UMTS Band II/Base/Area Scan (151x171x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.208 mW/g

**UMTS Band II/Base/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 11.992 V/m; Power Drift = -0.0053 dB  
 Peak SAR (extrapolated) = 0.265 W/kg  
**SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.106 mW/g**  
 Maximum value of SAR (measured) = 0.210 mW/g



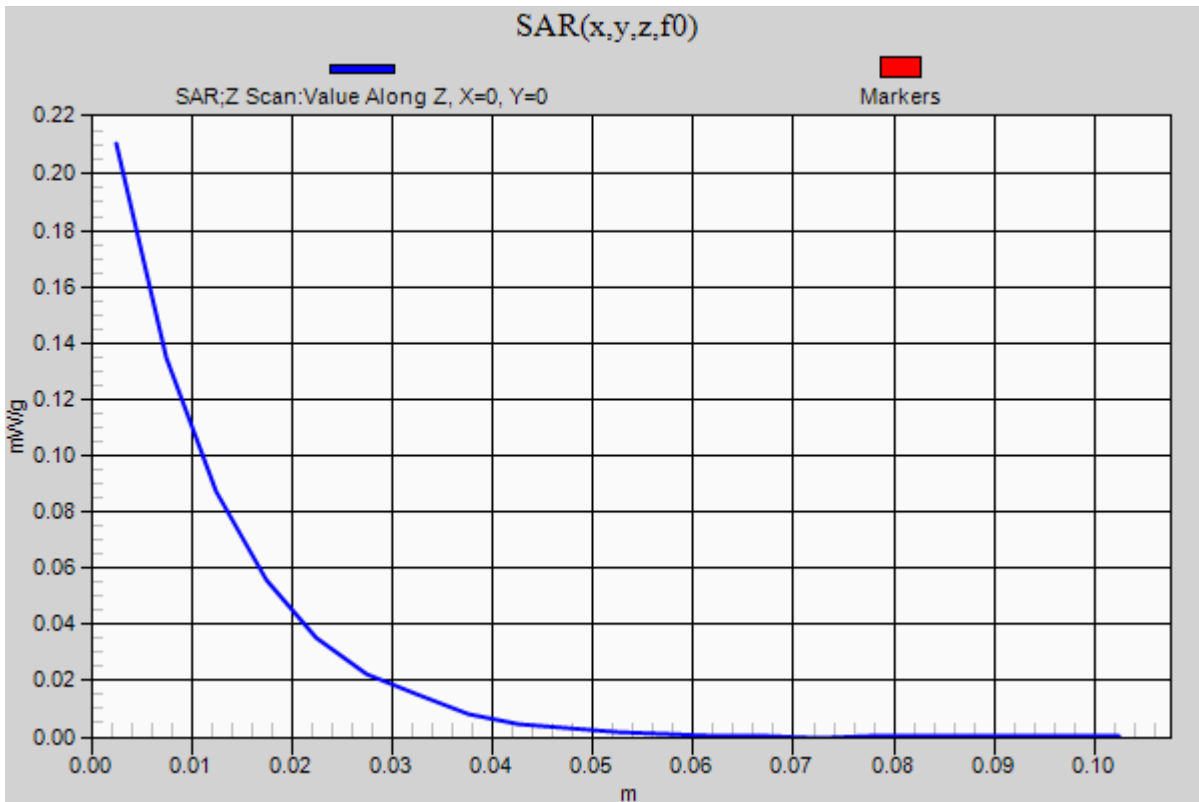
0 dB = 0.210mW/g

Test Laboratory: UL CCS SAR Lab B

### UMTS Band II\_Base

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1

**UMTS Band II/Base/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.211 mW/g



Test Laboratory: UL CCS SAR Lab B

## CDMA PCS\_SecondaryPortrait

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 53.531$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

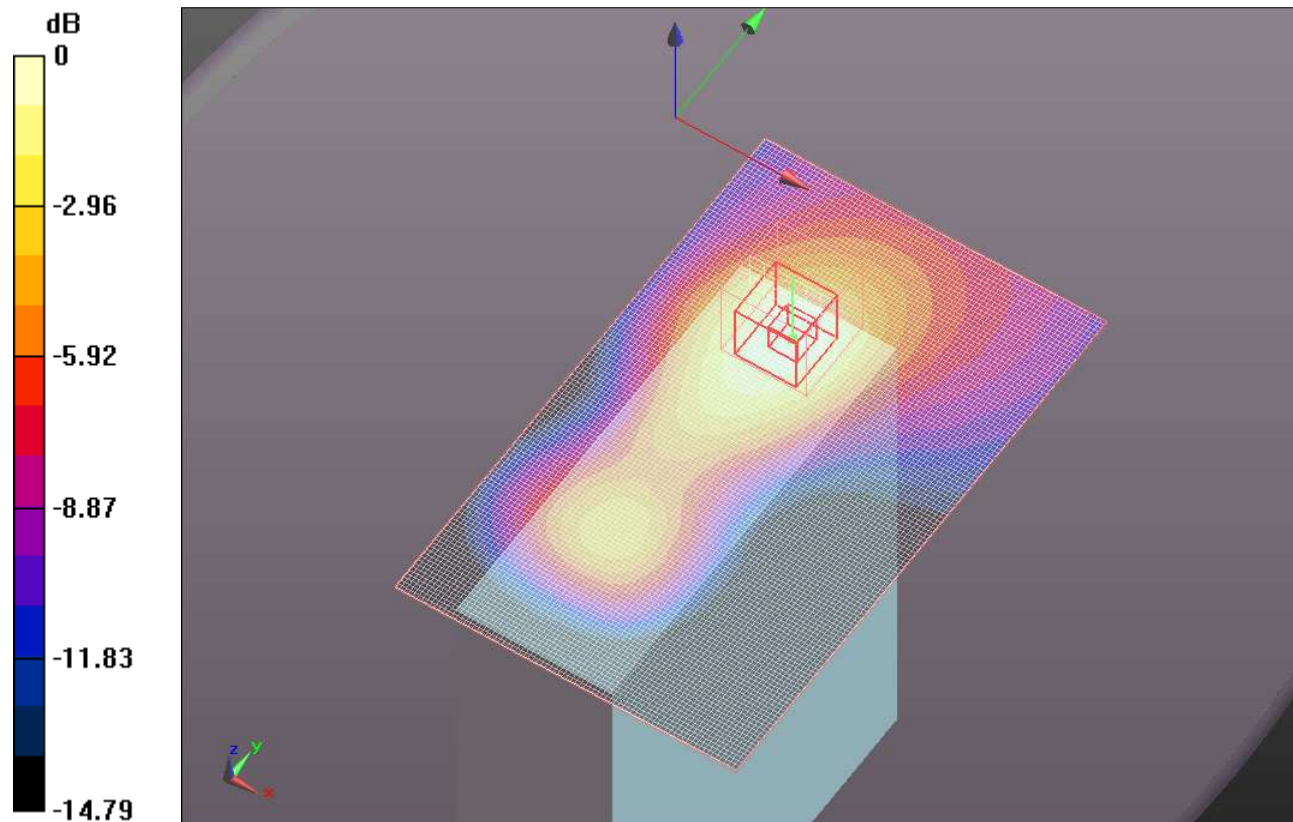
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**CDMA PCS/SecondaryPortrait/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.395 mW/g

**CDMA PCS/SecondaryPortrait/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 15.973 V/m; Power Drift = 0.14 dB  
 Peak SAR (extrapolated) = 0.505 W/kg  
**SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.189 mW/g**  
 Maximum value of SAR (measured) = 0.389 mW/g



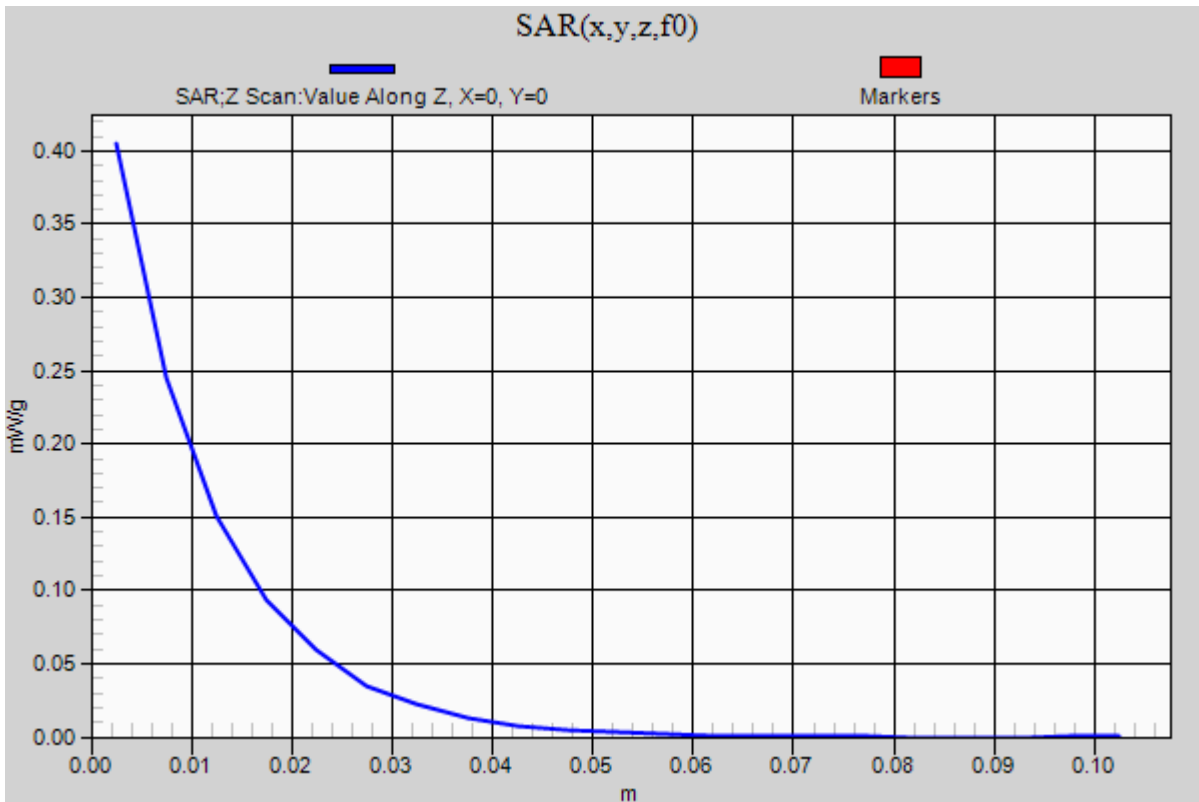
0 dB = 0.390mW/g

Test Laboratory: UL CCS SAR Lab B

### CDMA PCS\_SecondaryPortrait

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

**CDMA PCS/SecondaryPortrait/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.405 mW/g



Test Laboratory: UL CCS SAR Lab B

## CDMA PCS\_Base

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 53.531$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

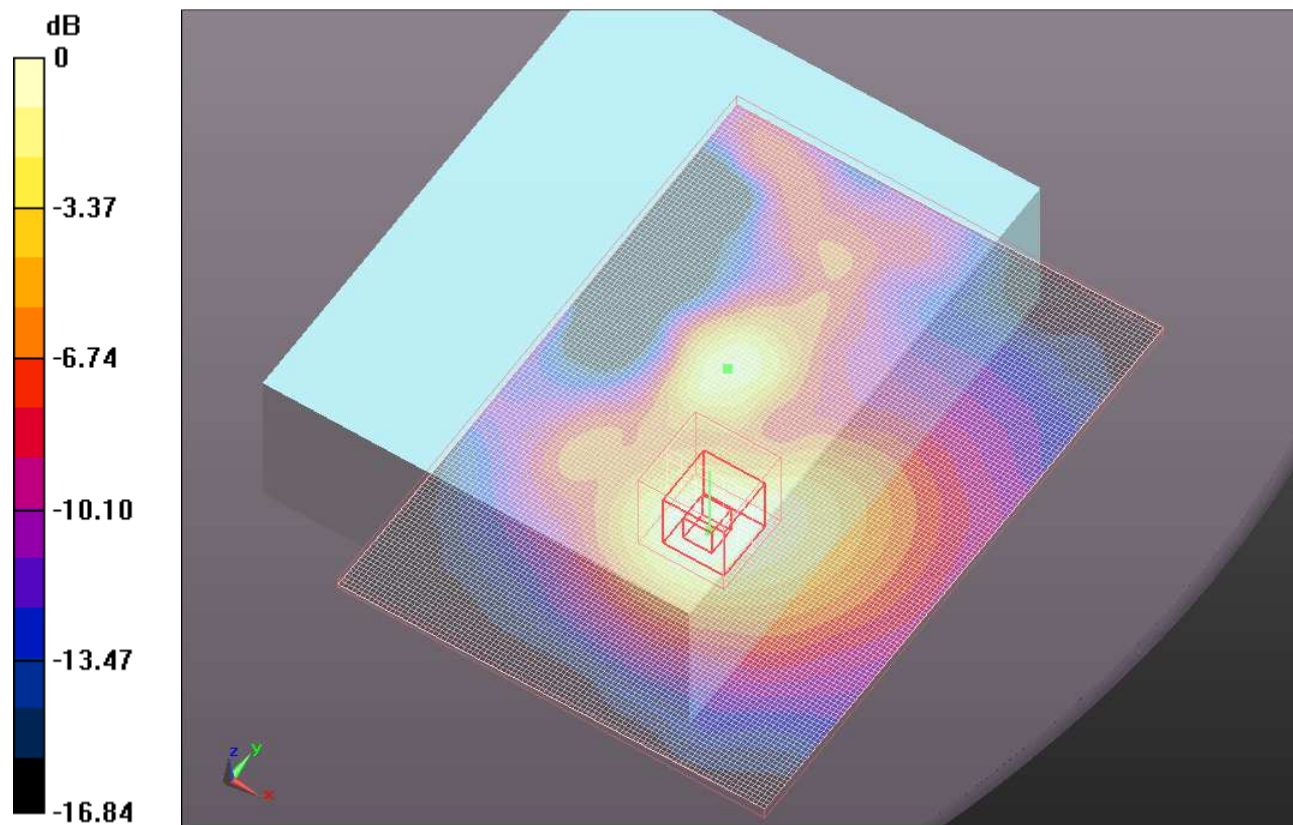
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**CDMA PCS/Base/Area Scan (101x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.210 mW/g

**CDMA PCS/Base/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 11.719 V/m; Power Drift = -0.02 dB  
 Peak SAR (extrapolated) = 0.256 W/kg  
**SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.101 mW/g**  
 Maximum value of SAR (measured) = 0.202 mW/g



0 dB = 0.200mW/g

Test Laboratory: UL CCS SAR Lab B

### CDMA PCS\_Base

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

**CDMA PCS/Base/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.203 mW/g

