

Test Laboratory: UL CCS SAR Lab B

CDMA Cell_Body_Primary Portrait

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

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.762$; $\rho = 1000$ kg/m³

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 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Mid-Ch/Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.305 mW/g

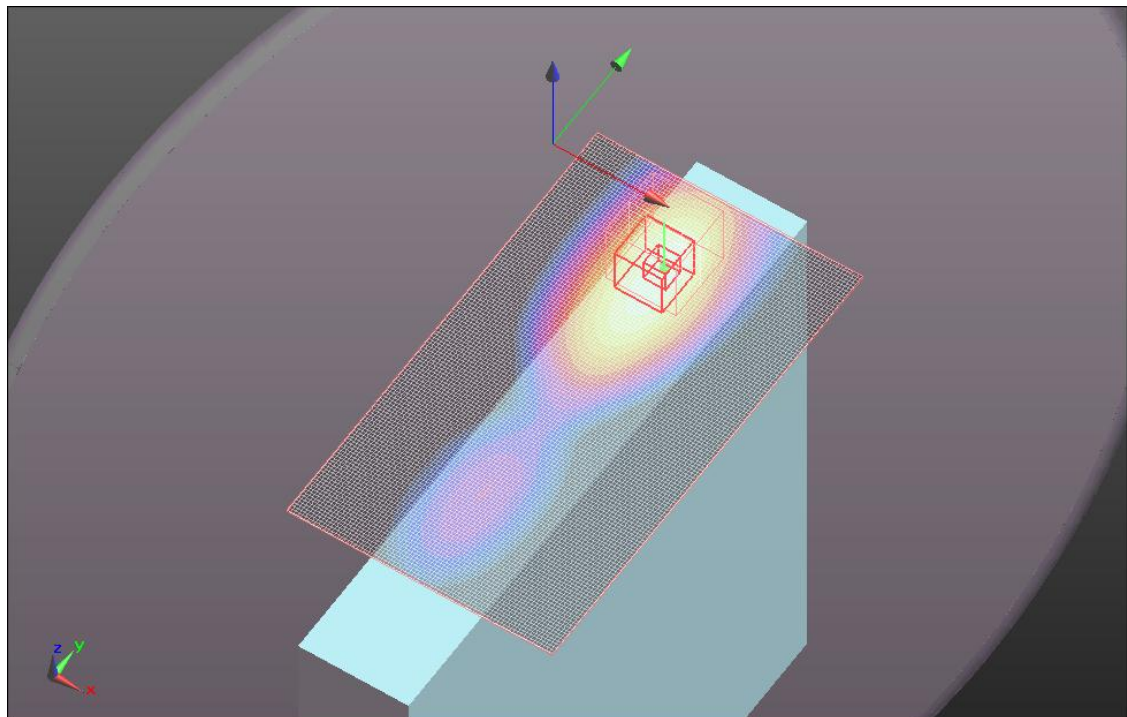
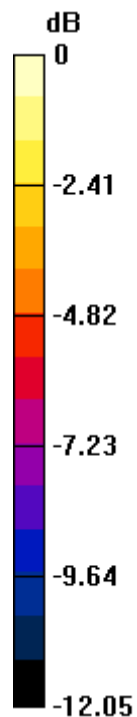
Mid-Ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.126 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.160 mW/gInfo: [Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.310mW/g

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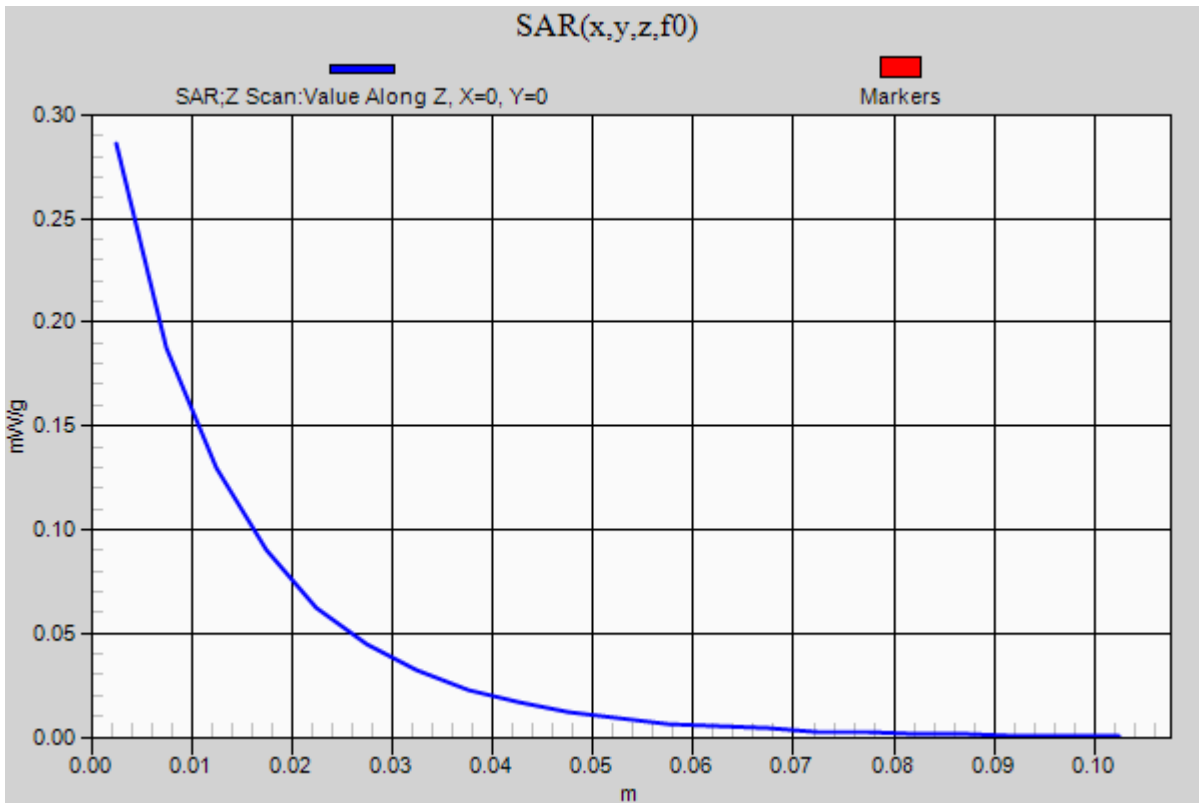
CDMA Cell_Body_Primary Portrait

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

Mid-Ch/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

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



Test Laboratory: UL CCS SAR Lab B

CDMA PCS_Body_Primary Portrait

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.447$ mho/m; $\epsilon_r = 52.838$; $\rho = 1000$ kg/m³
 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 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Mid-Ch/Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.129 mW/g

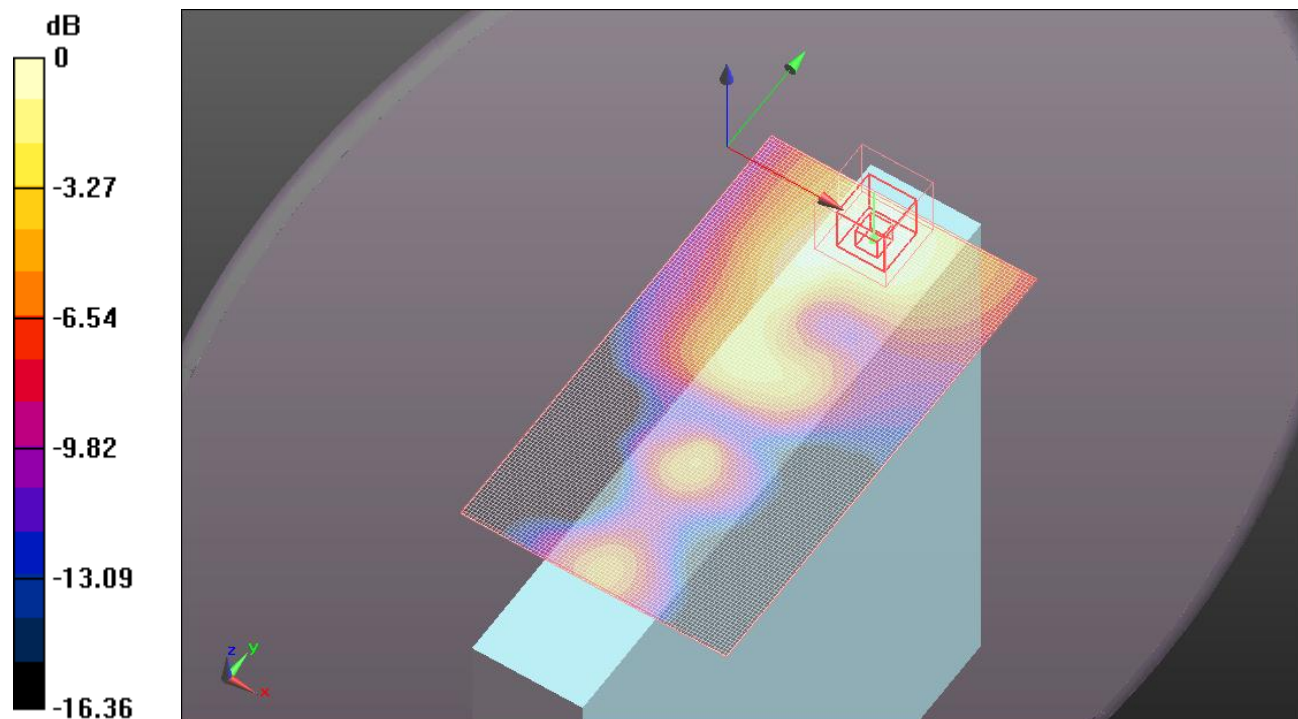
Mid-Ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.489 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.064 mW/g

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



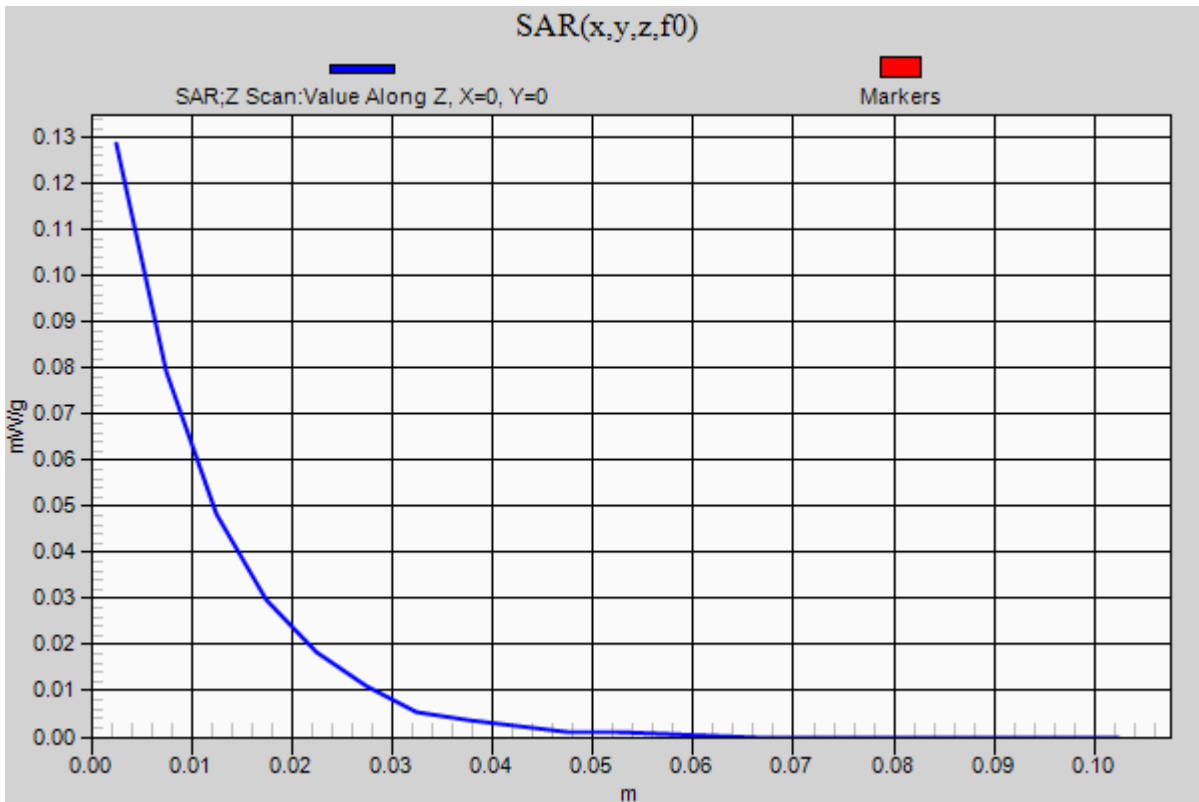
0 dB = 0.130mW/g

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CDMA PCS_Body_Primary Portrait

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

Mid-Ch/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.129 mW/g



Test Laboratory: UL CCS SAR Lab B

CDMA Cell_Body_Secondary Landscape

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

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.762$; $\rho = 1000$ kg/m³

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 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Mid-Ch/Area Scan (81x201x1): Measurement grid: dx=15mm, dy=15mm

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

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

Mid-Ch/Zoom Scan(1st) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

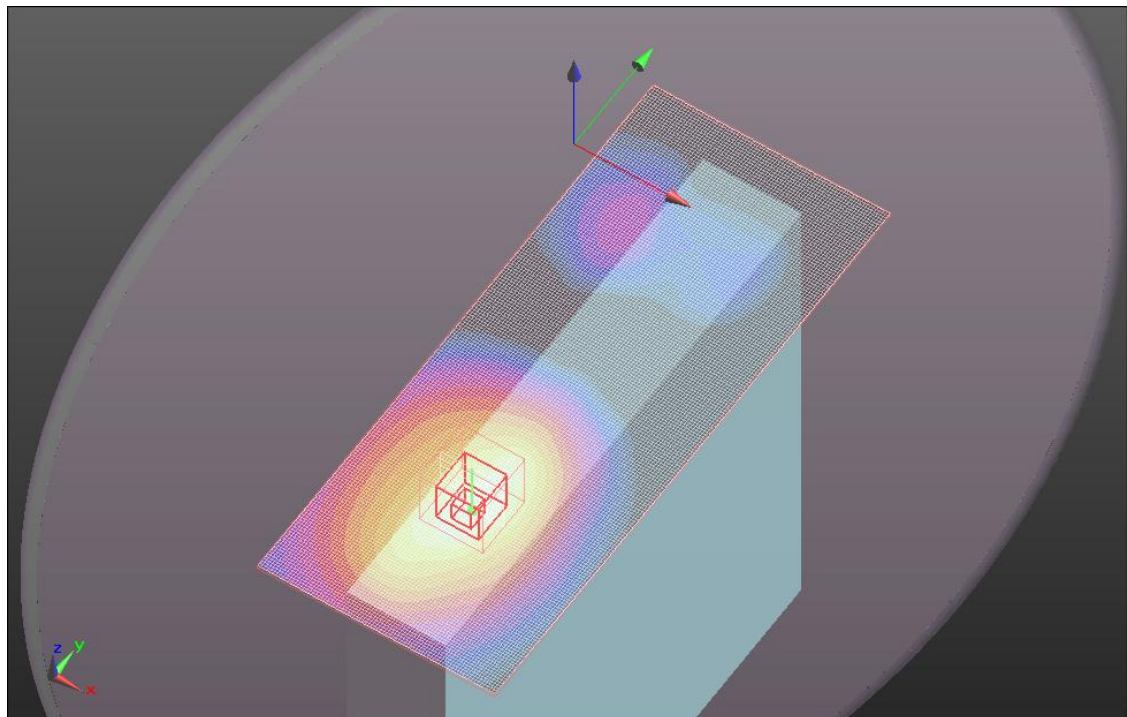
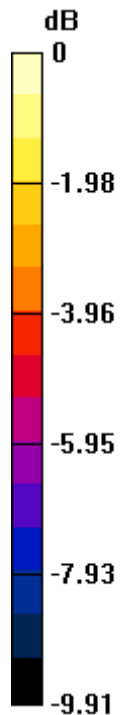
Reference Value = 9.304 V/m; Power Drift = 0.0066 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.048 mW/g

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

Maximum value of SAR (measured) = 0.084 mW/g



0 dB = 0.080mW/g

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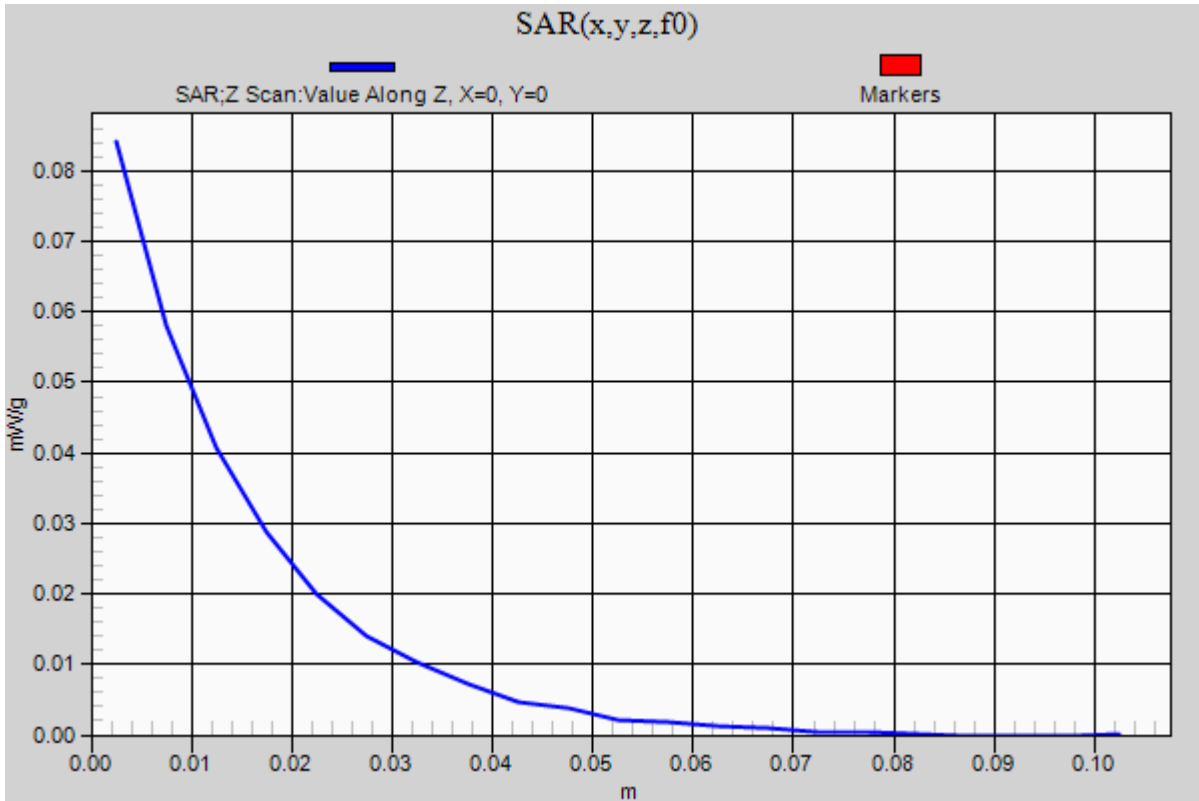
CDMA Cell_Body_Secondary Landscape

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

Mid-Ch/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.084 mW/g



Test Laboratory: UL CCS SAR Lab B

CDMA PCS_Body_Secondary Landscape

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.447$ mho/m; $\epsilon_r = 52.838$; $\rho = 1000$ kg/m³
 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 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Mid-Ch/Area Scan (81x201x1): Measurement grid: dx=15mm, dy=15mm

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

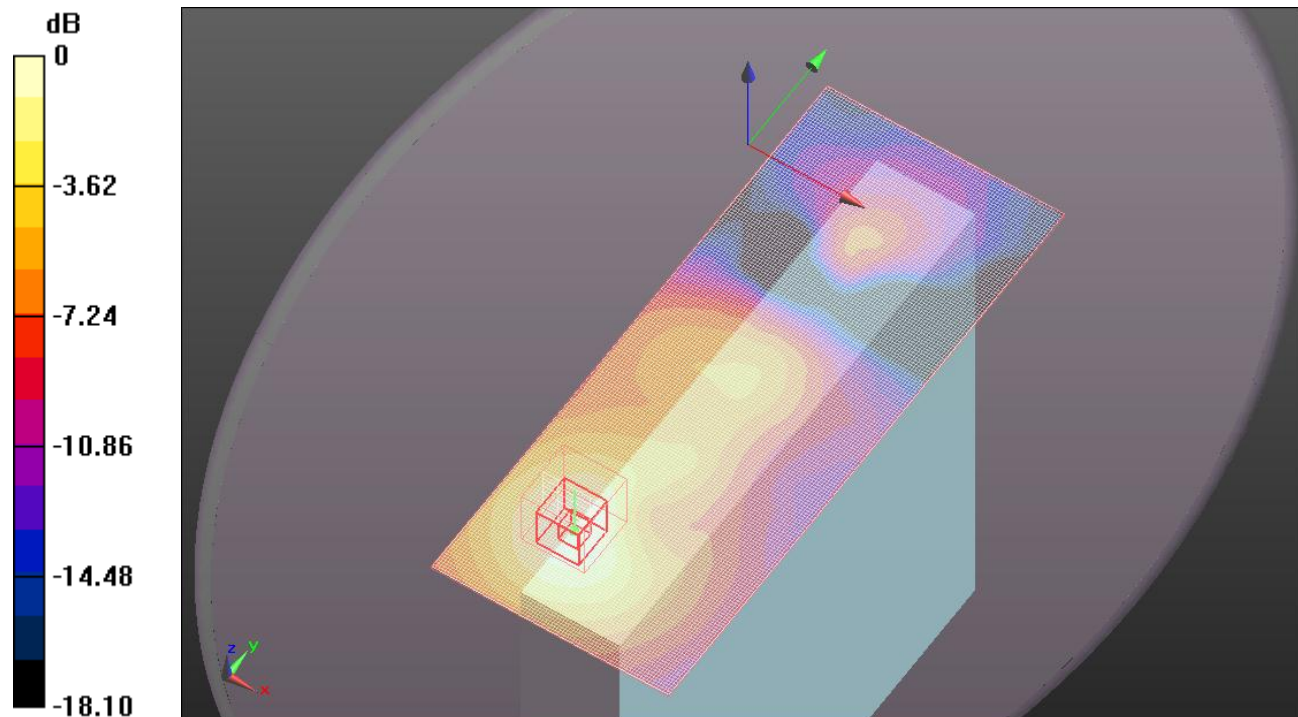
Mid-Ch/Zoom Scan(1st) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.401 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.129 mW/g



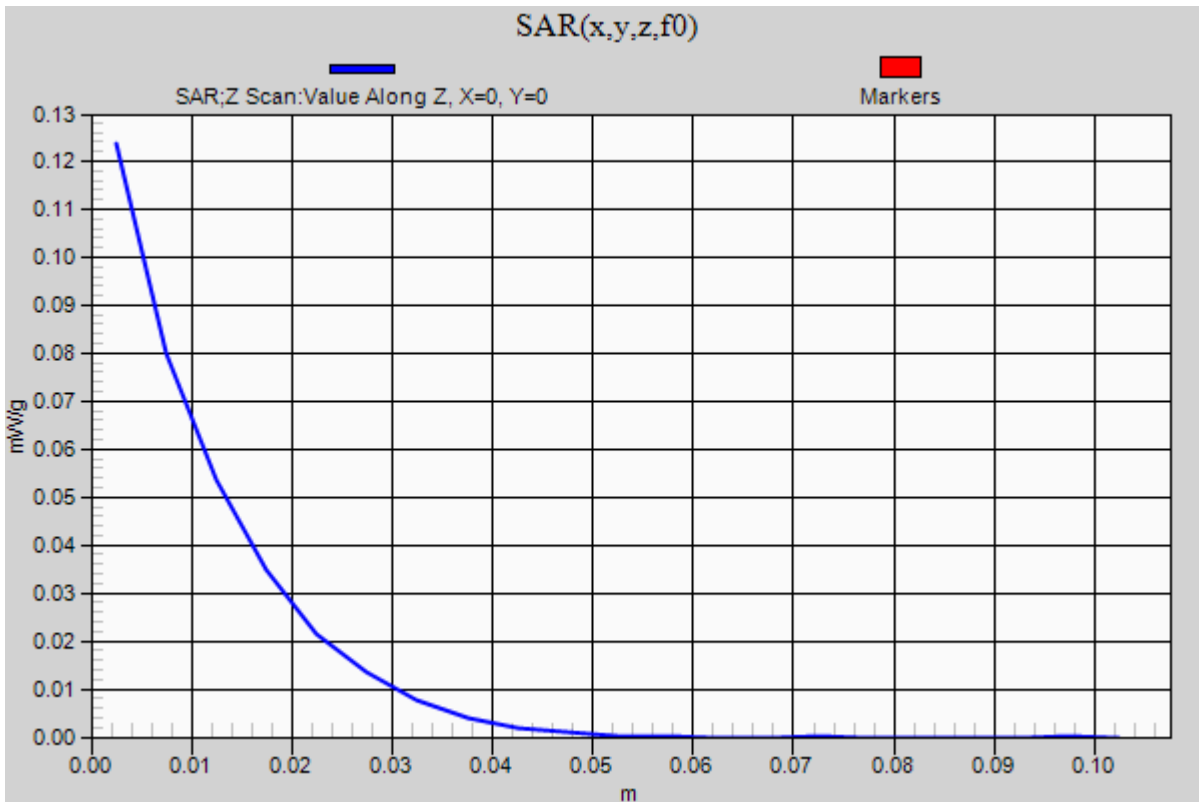
0 dB = 0.130mW/g

Test Laboratory: UL CCS SAR Lab B

CDMA PCS_Body_Secondary Landscape

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

Mid-Ch/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.124 mW/g



Test Laboratory: UL CCS SAR Lab B

CDMA Cell_Body_Bottom

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

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.762$; $\rho = 1000$ kg/m³

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 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Mid-Ch/Area Scan (241x241x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.046 mW/g

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

Reference Value = 6.854 V/m; Power Drift = -0.12 dB, Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.030 mW/g

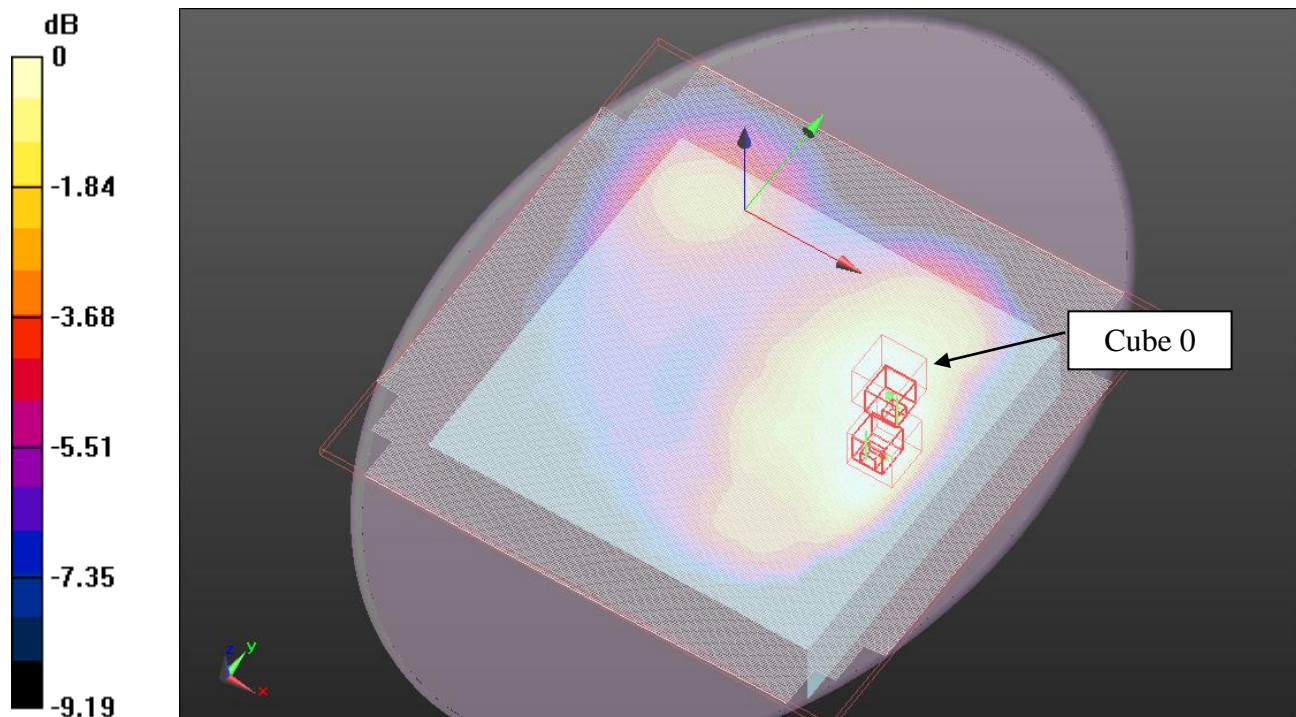
[Info: Interpolated medium parameters used for SAR evaluation.](#) Maximum value of SAR (measured) = 0.046 mW/g

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

Reference Value = 6.854 V/m; Power Drift = -0.12 dB, Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.028 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#) Maximum value of SAR (measured) = 0.043 mW/g



0 dB = 0.040mW/g

Test Laboratory: UL CCS SAR Lab B

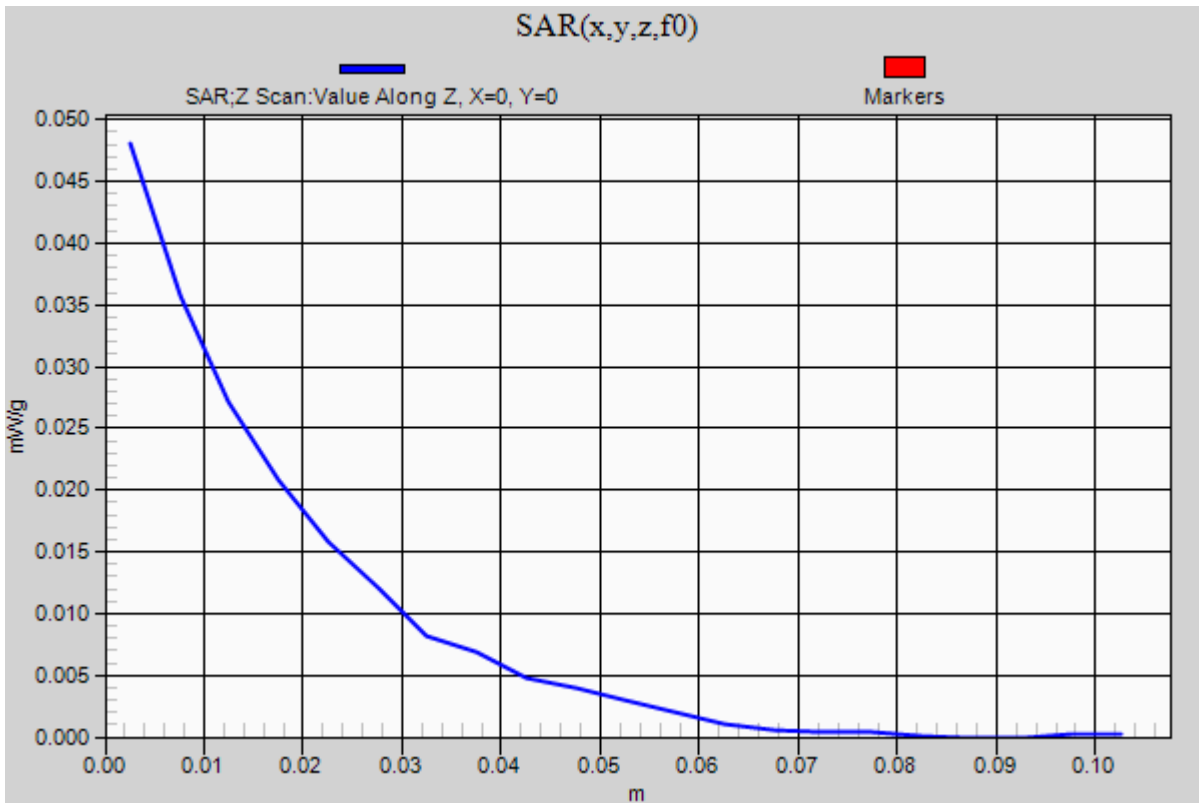
CDMA Cell_Body_Bottom

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

Mid-Ch/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.048 mW/g



Test Laboratory: UL CCS SAR Lab B

CDMA PCS_Body_Bottom

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.447$ mho/m; $\epsilon_r = 52.838$; $\rho = 1000$ kg/m³
 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 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Mid-Ch/Area Scan (241x241x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.043 mW/g

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

Reference Value = 5.416 V/m; Power Drift = 0.10 dB, Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.024 mW/g

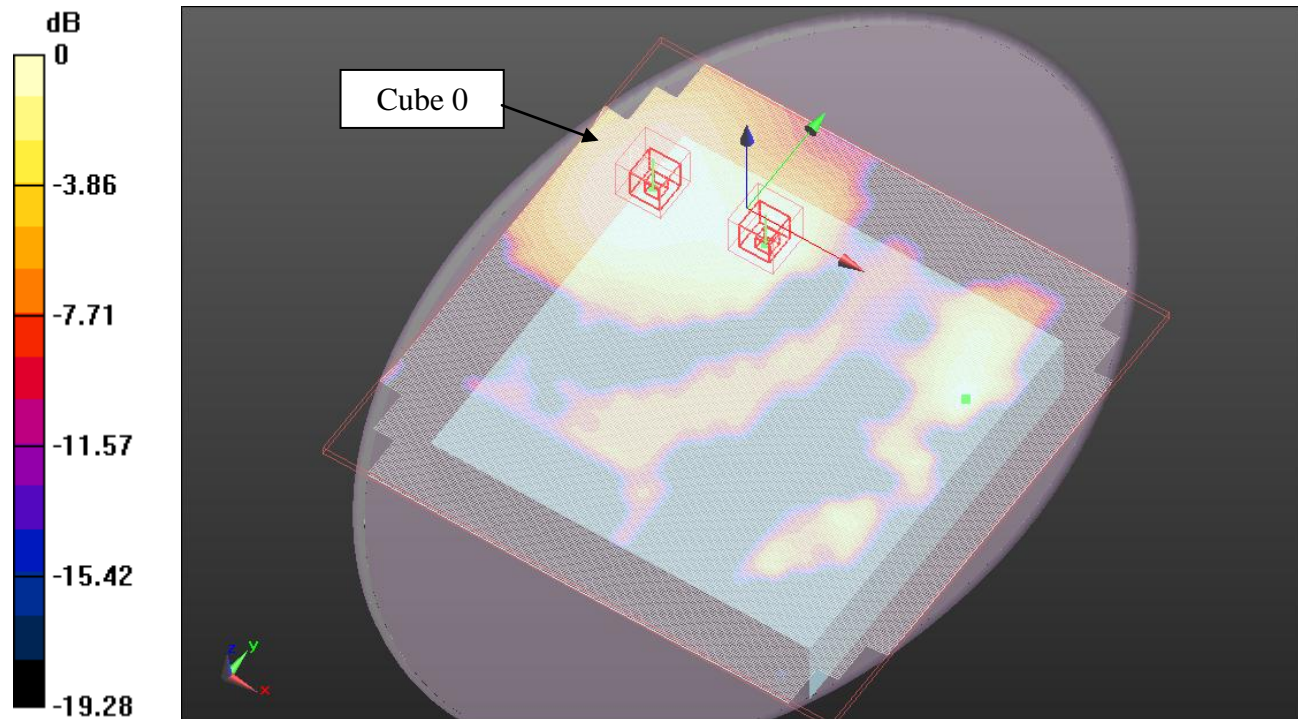
Maximum value of SAR (measured) = 0.045 mW/g

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

Reference Value = 5.416 V/m; Power Drift = 0.10 dB, Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.039 mW/g



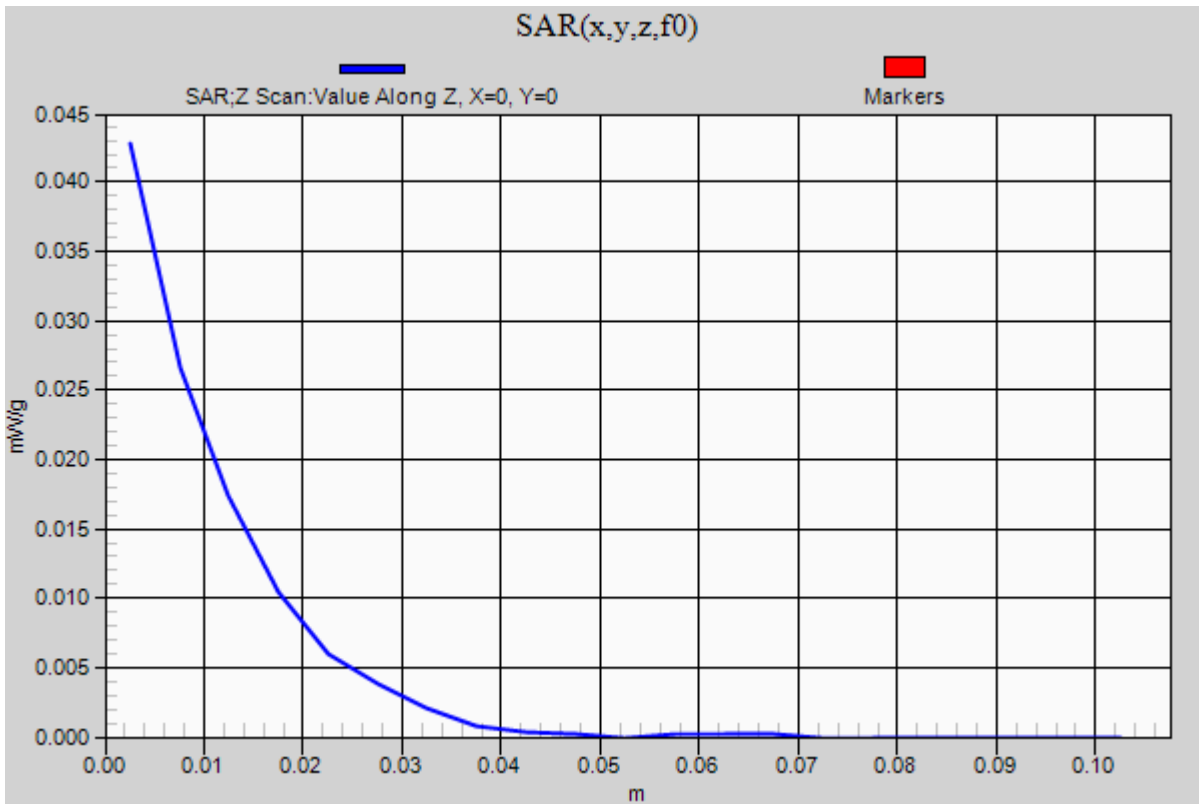
0 dB = 0.040mW/g

Test Laboratory: UL CCS SAR Lab B

CDMA PCS_Body_Bottom

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

Mid-Ch/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.043 mW/g



Test Laboratory: UL CCS SAR Lab A

CDMA Cell_Body_Tilt

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

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 52.623$; $\rho = 1000$ kg/m³

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: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: ELI v4.0(A); Type: QDOVA001BB; Serial: 1119
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Mid-Ch/Area Scan (121x121x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.530 mW/g

Mid-Ch/Zoom Scan(1st) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

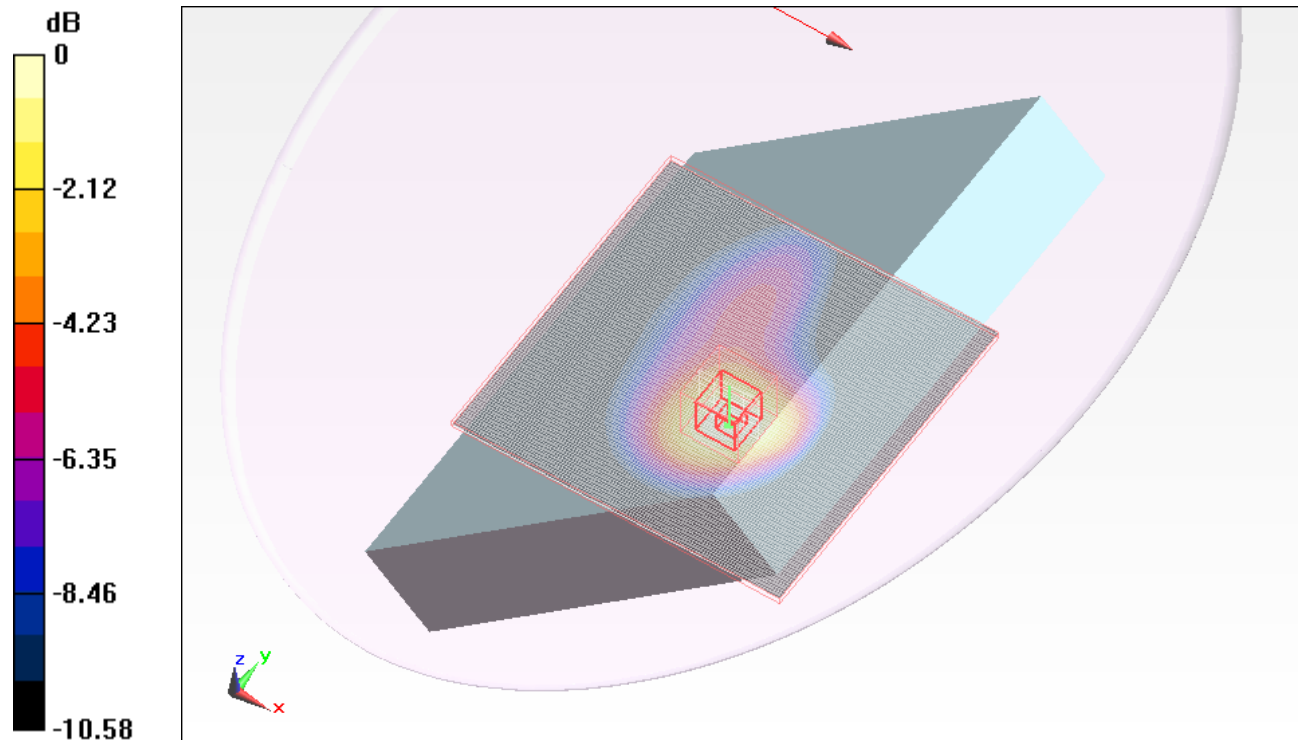
Reference Value = 23.487 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.311 mW/g

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

Maximum value of SAR (measured) = 0.530 mW/g



0 dB = 0.530mW/g

Test Laboratory: UL CCS SAR Lab A

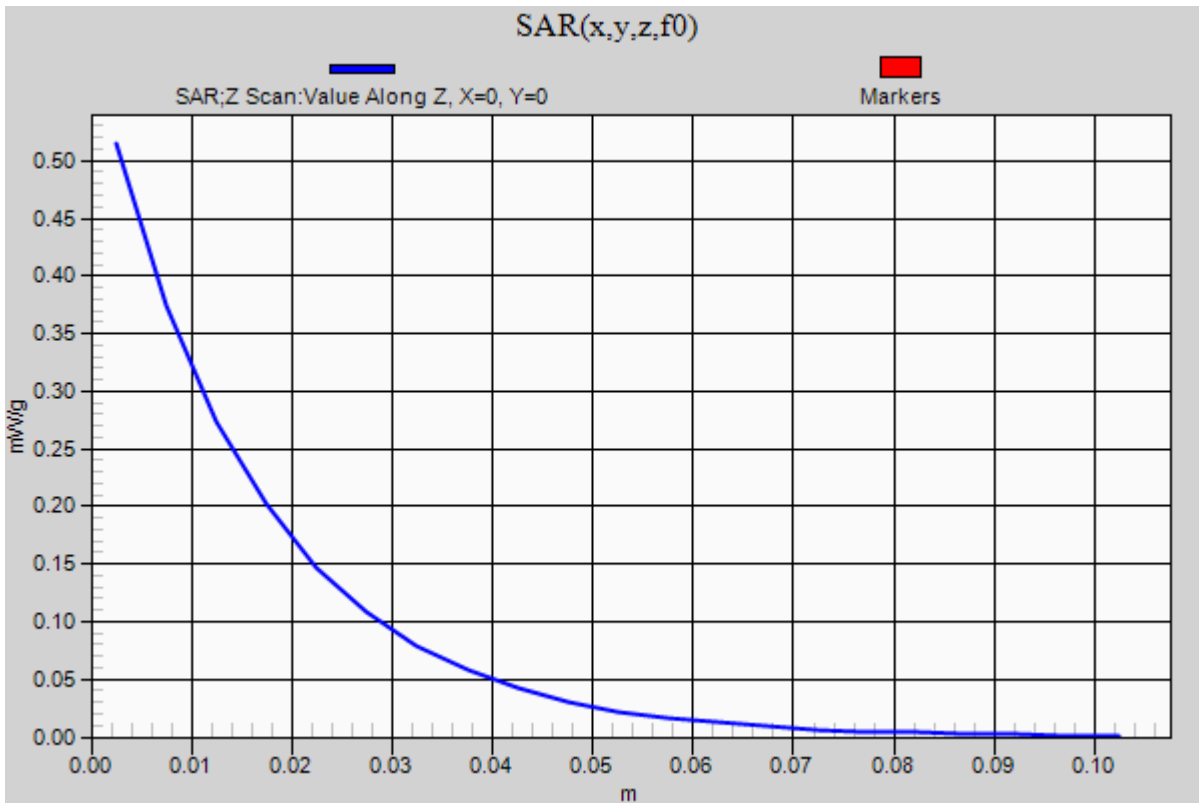
CDMA Cell_Body_Tilt

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

Mid-Ch/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.515 mW/g



Test Laboratory: UL CCS SAR Lab A

CDMA PCS_Body_Tilt

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 51.504$; $\rho = 1000$ kg/m³
 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(6.76, 6.76, 6.76); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: ELI v4.0(B); Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Mid-Ch/Area Scan (121x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.890 mW/g

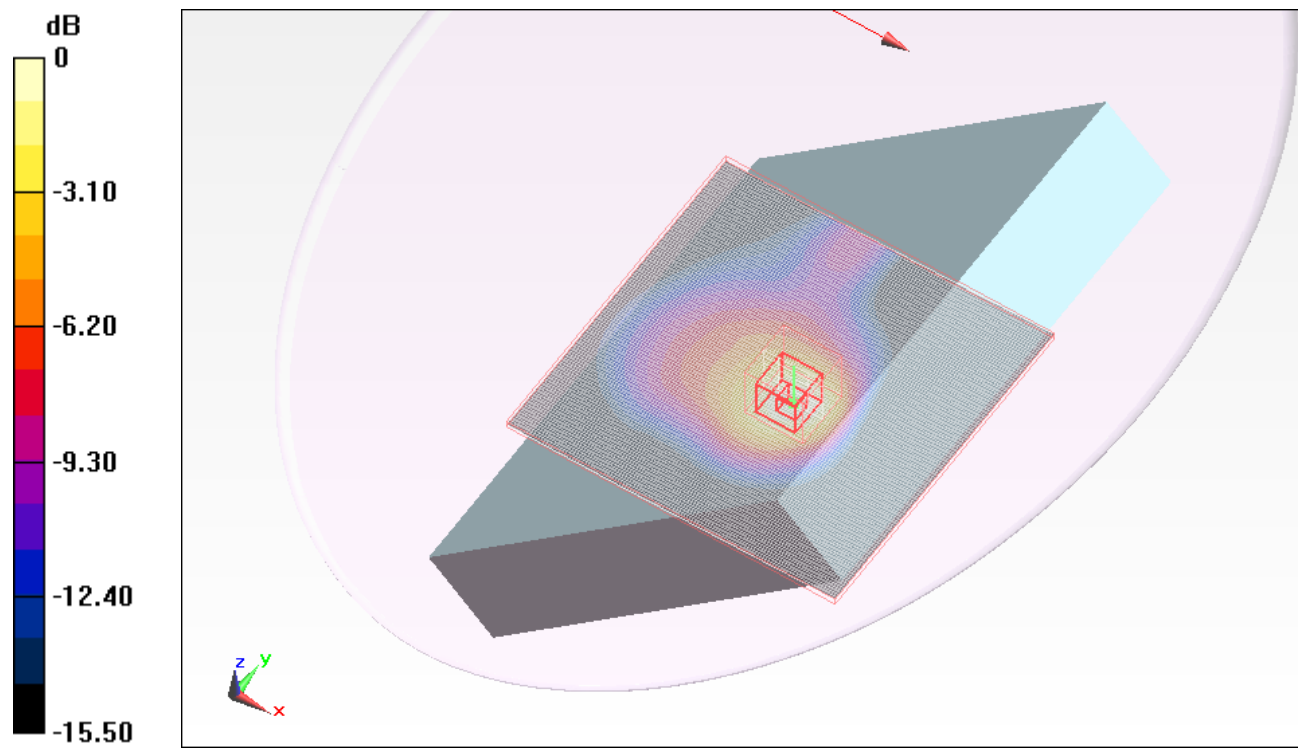
Mid-Ch/Zoom Scan(1st) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.643 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.113 W/kg

SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.407 mW/g

Maximum value of SAR (measured) = 0.868 mW/g



Test Laboratory: UL CCS SAR Lab A

CDMA PCS_Body_Tilt

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

Mid-Ch/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.760 mW/g

