Plot 1

Date/Time: 8/21/2013 5:37:52 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.978 mho/m; ε_r = 53.292; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21.7C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

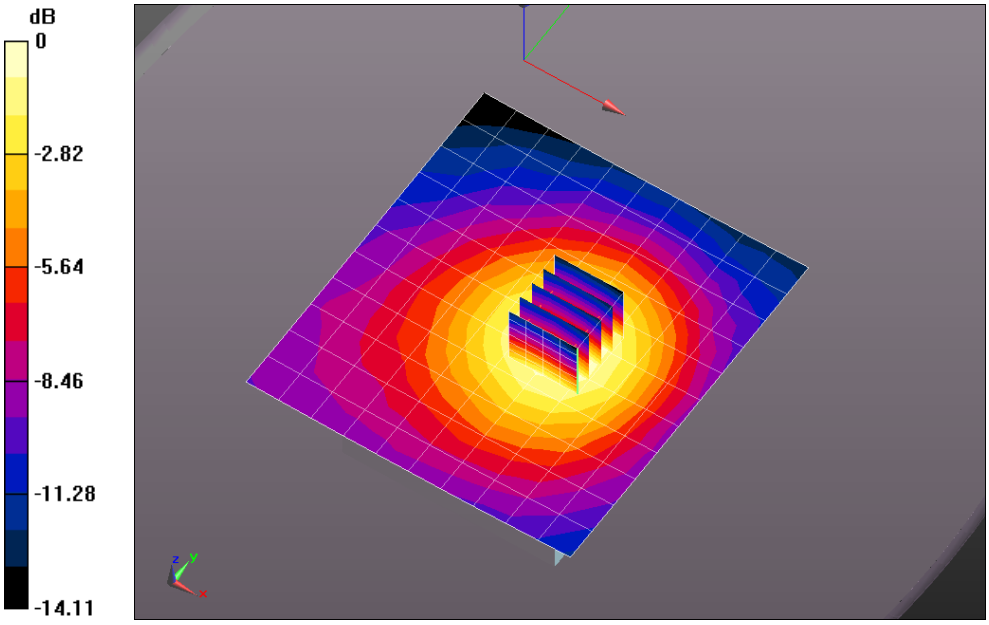
- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 10 mm_08-21-13/Front 10mm/Area Scan (11x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0488 mW/g

Flat-Section 10 mm_08-21-13/Front 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.393 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.061 mW/g
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.032 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0510 mW/g



0 dB = 0.0488 mW/g = -26.22 dB mW/g

Plot 2

Date/Time: 7/24/2013 11:27:38 PM

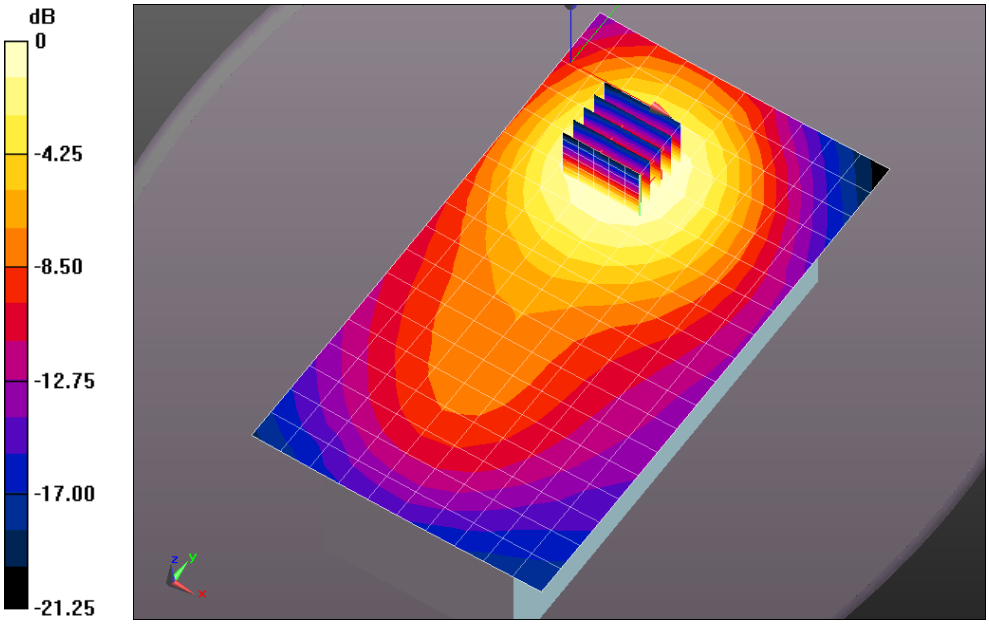
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 837 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 53.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.3C; Medium Temperature: 21.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.27, 6.27, 6.27); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Flat-Section 10 mm retest/Back 10mm_4TS/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.797 mW/g

WC_Flat-Section 10 mm retest/Back 10mm_4TS/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.837 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.972 mW/g
SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.531 mW/g
Maximum value of SAR (measured) = 0.820 mW/g



0 dB = 0.797 mW/g = -1.97 dB mW/g

Plot 3

Date/Time: 8/22/2013 7:17:25 AM

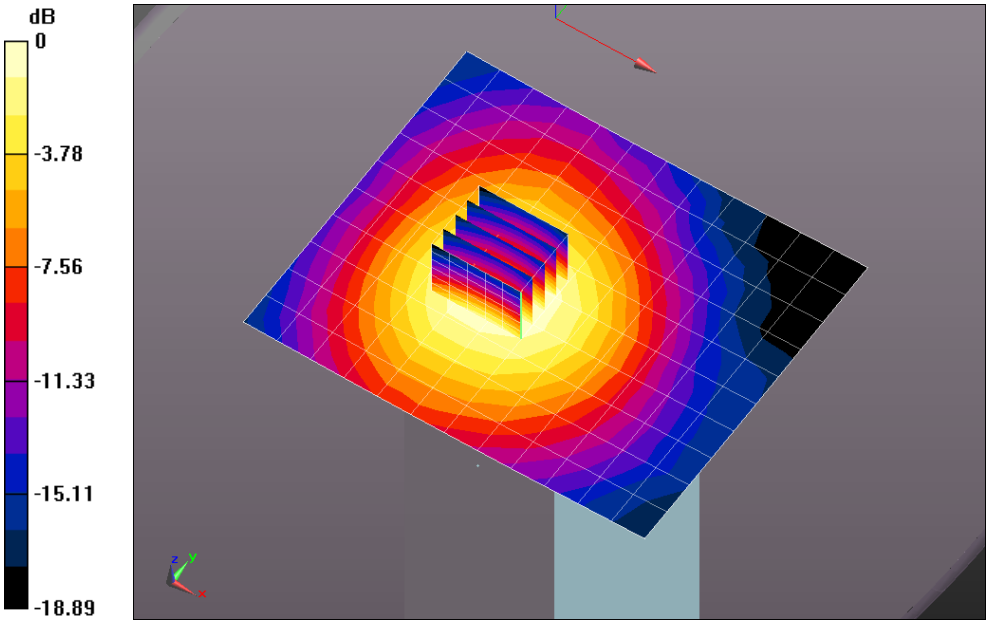
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.971 mho/m; ε_r = 52.865; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 21.3C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 10 mm_08-22-13/Top Edge 10mm/Area Scan (13x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0828 mW/g

Flat-Section 10 mm_08-22-13/Top Edge 10mm/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.117 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.111 mW/g
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.0934 mW/g



0 dB = 0.0828 mW/g = -21.64 dB mW/g

Plot 4

Date/Time: 8/21/2013 5:07:09 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.978 mho/m; ε_r = 53.292; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21.6C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

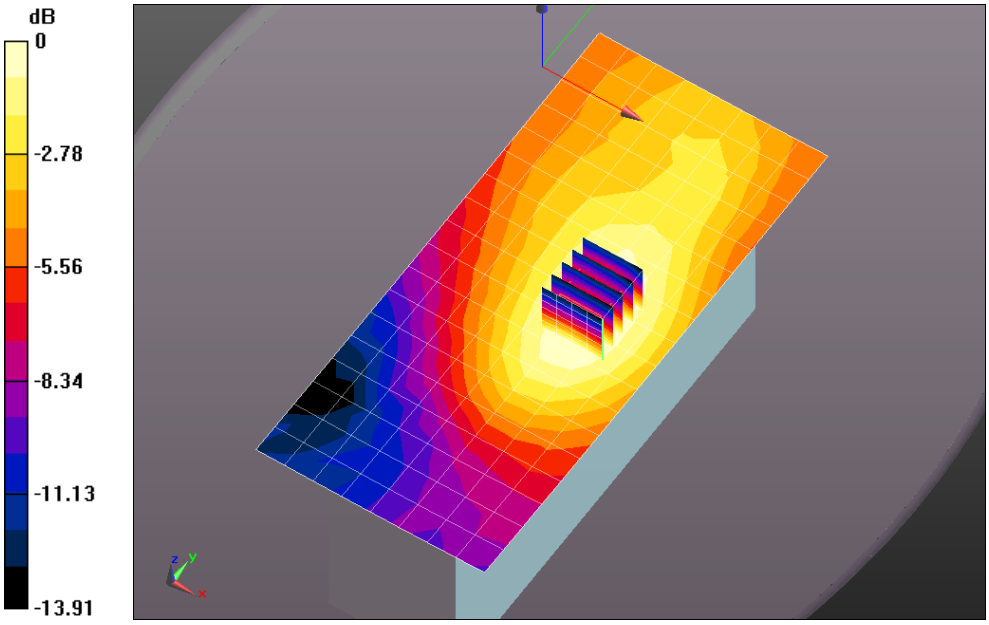
- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 10 mm_08-21-13/Right Side 10mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0292 mW/g

Flat-Section 10 mm_08-21-13/Right Side 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.350 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.036 mW/g
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.019 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0294 mW/g



0 dB = 0.0292 mW/g = -30.71 dB mW/g

Plot 5

Date/Time: 7/24/2013 11:59:17 PM

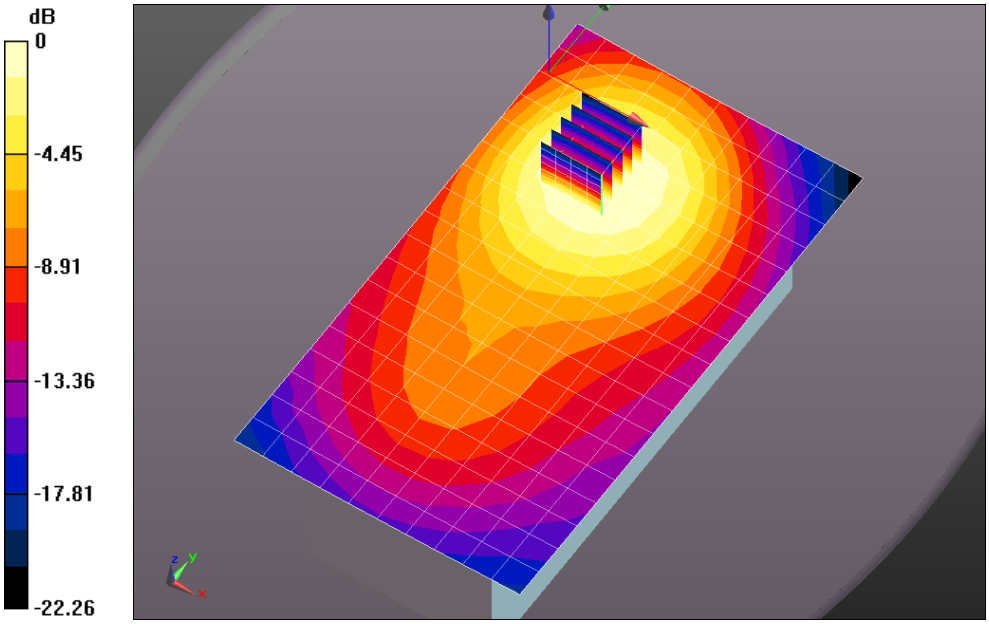
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2); Frequency: 837 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 53.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.5C; Medium Temperature: 21.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.27, 6.27, 6.27); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Flat-Section 10 mm retest/Back 10mm_3TS/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.598 mW/g

WC_Flat-Section 10 mm retest/Back 10mm_3TS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.056 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.702 mW/g
SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.589 mW/g



0 dB = 0.598 mW/g = -4.46 dB mW/g

Plot 6

Date/Time: 7/25/2013 12:21:12 AM

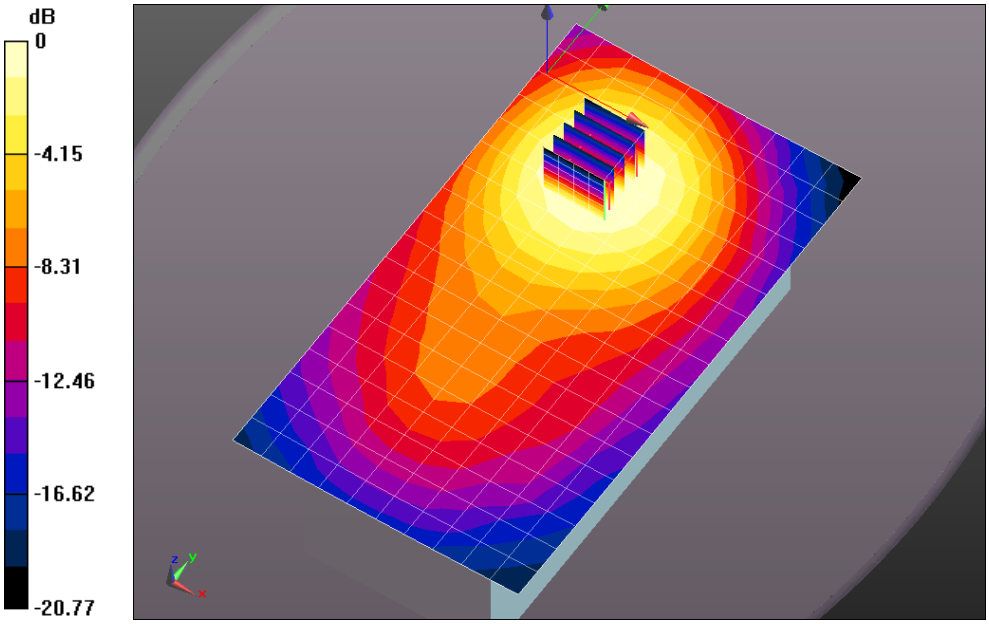
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 837 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 53.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.5C; Medium Temperature: 21.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.27, 6.27, 6.27); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Flat-Section 10 mm retest/Back 10mm_2TS/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.479 mW/g

WC_Flat-Section 10 mm retest/Back 10mm_2TS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.689 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.571 mW/g
SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.481 mW/g



0 dB = 0.479 mW/g = -6.39 dB mW/g

Plot 7

Date/Time: 7/22/2013 3:42:19 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.001 mho/m; ε_r = 52.903; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.5C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

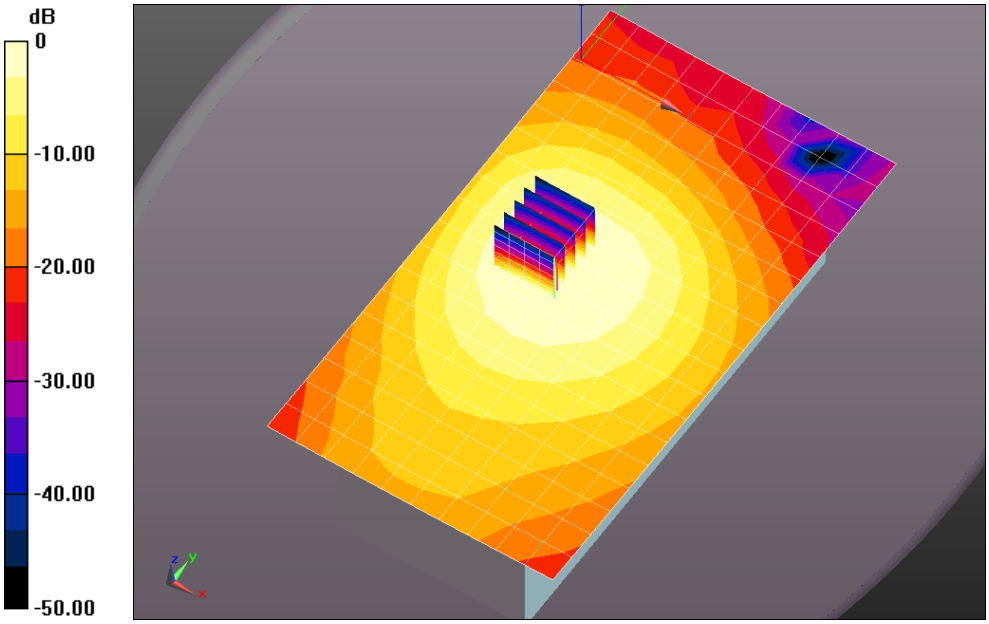
- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm/Back 10mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.202 mW/g

Flat-Section 10 mm/Back 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.941 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.242 mW/g
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.136 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.206 mW/g



0 dB = 0.202 mW/g = -13.88 dB mW/g

Plot 8

Date/Time: 8/22/2013 8:48:39 AM

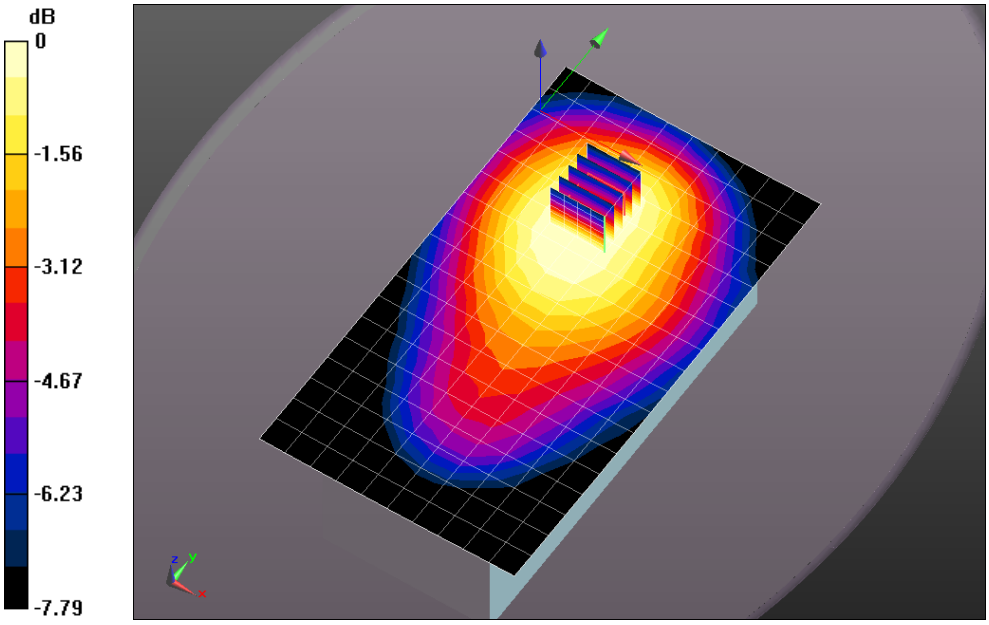
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.971 mho/m; ε_r = 52.865; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.9C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section_Laser_10mm_08-22-13/Back_10mm_4TS/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0287 mW/g

Flat-Section_Laser_10mm_08-22-13/Back_10mm_4TS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.900 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.033 mW/g
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.0282 mW/g



0 dB = 0.0282 mW/g = -31.00 dB mW/g

Plot 9

Date/Time: 8/21/2013 12:28:27 PM

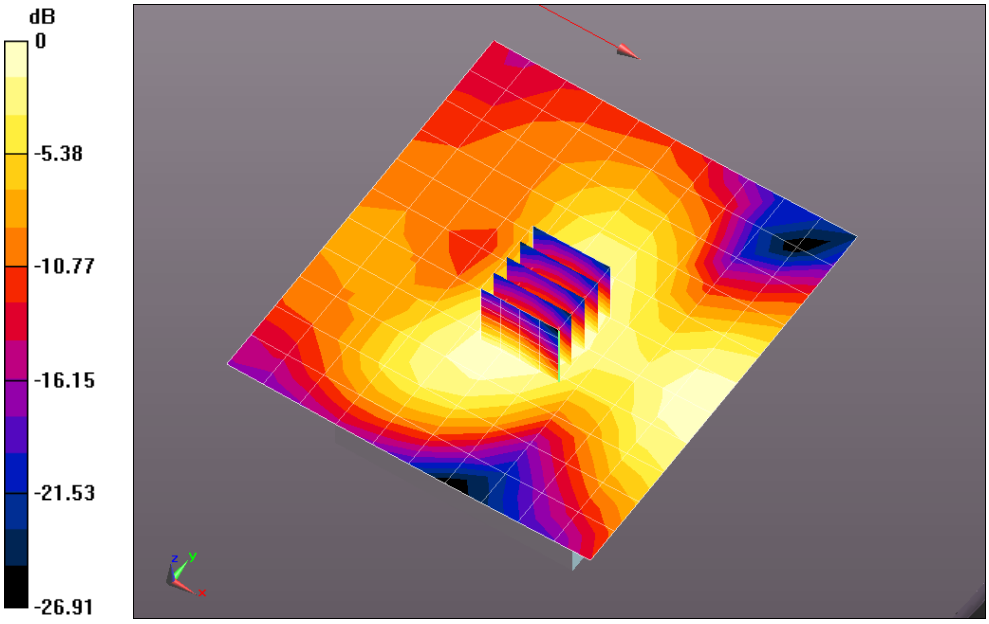
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.529 mho/m; ε_r = 51.144; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.3C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 10 mm 4TS/Front 10mm/Area Scan (11x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0804 mW/g

Flat-Section 10 mm 4TS/Front 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.305 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.112 mW/g
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.0862 mW/g



0 dB = 0.0804 mW/g = -21.90 dB mW/g

Plot 10

Date/Time: 8/21/2013 1:37:59 PM

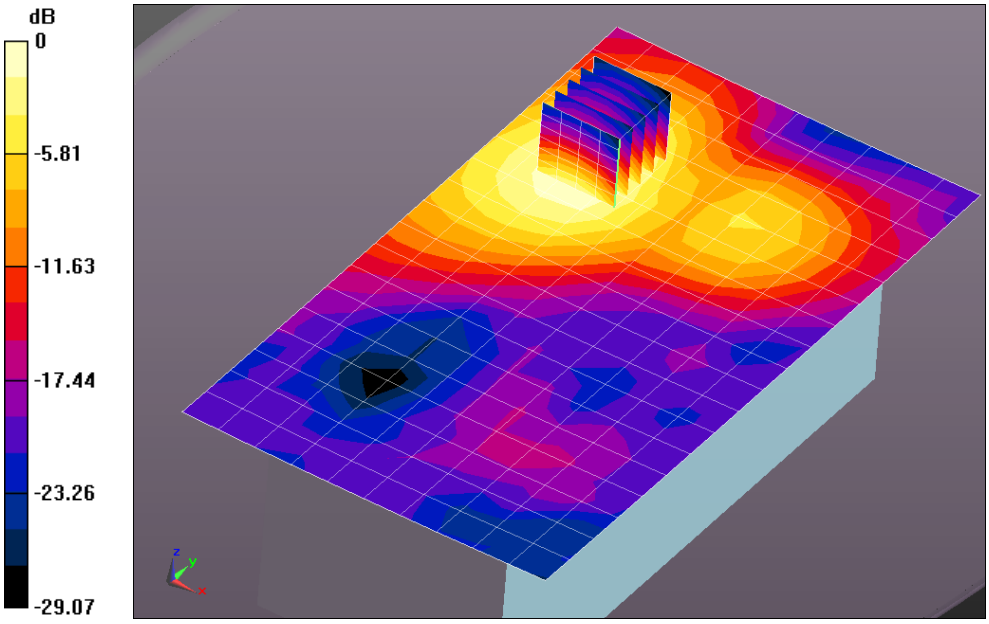
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.529 mho/m; ε_r = 51.144; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.4C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 10 mm 4TS/Back 10mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.260 mW/g

Flat-Section 10 mm 4TS/Back 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.403 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.401 mW/g
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.309 mW/g



0 dB = 0.260 mW/g = -11.71 dB mW/g

Plot 11

Date/Time: 8/21/2013 2:47:13 PM

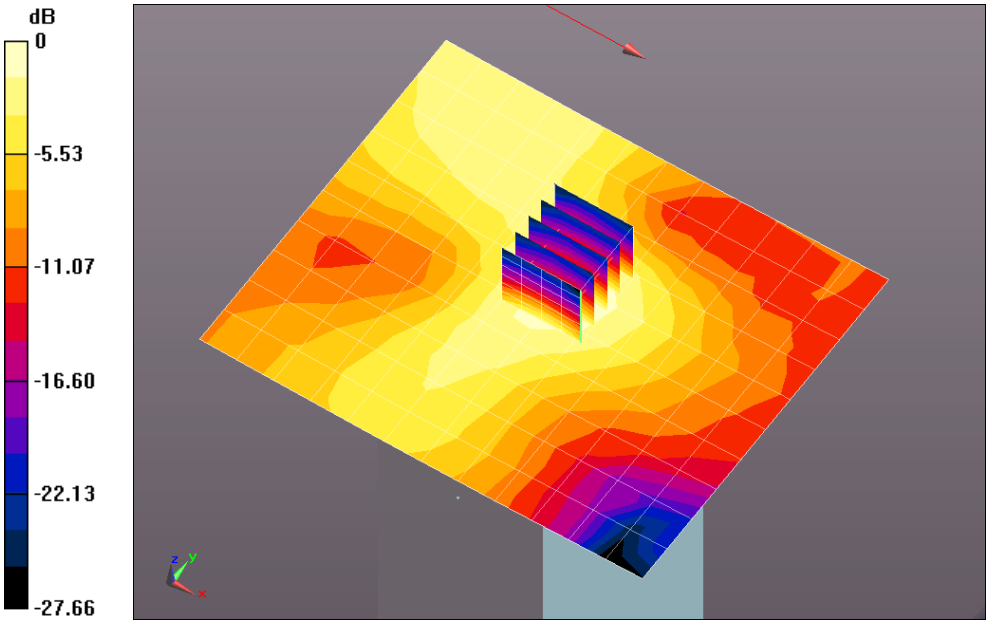
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.529 mho/m; ε_r = 51.144; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.6C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 10 mm 4TS/Top Edge 10mm/Area Scan (13x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0820 mW/g

Flat-Section 10 mm 4TS/Top Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.256 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.108 mW/g
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.0825 mW/g



0 dB = 0.0820 mW/g = -21.73 dB mW/g

Plot 12

Date/Time: 7/18/2013 4:22:34 PM

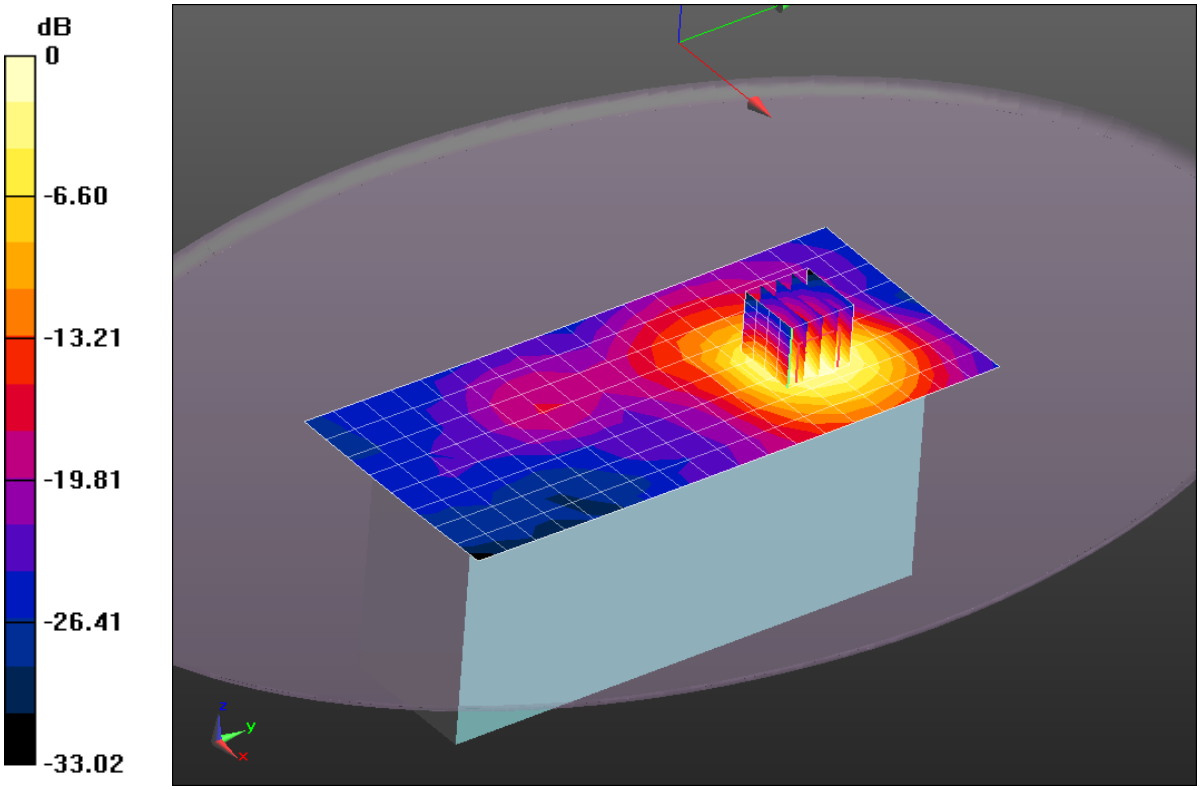
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.533 mho/m; ε_r = 52.035; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.6C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Right Edge 10 mm/Right Side 10mm 4 TS/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.982 mW/g

WC_Right Edge 10 mm/Right Side 10mm 4 TS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.666 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.412 mW/g
SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.530 mW/g
Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 0.982 mW/g = -0.15 dB mW/g

Plot 13

Date/Time: 7/18/2013 4:48:26 PM

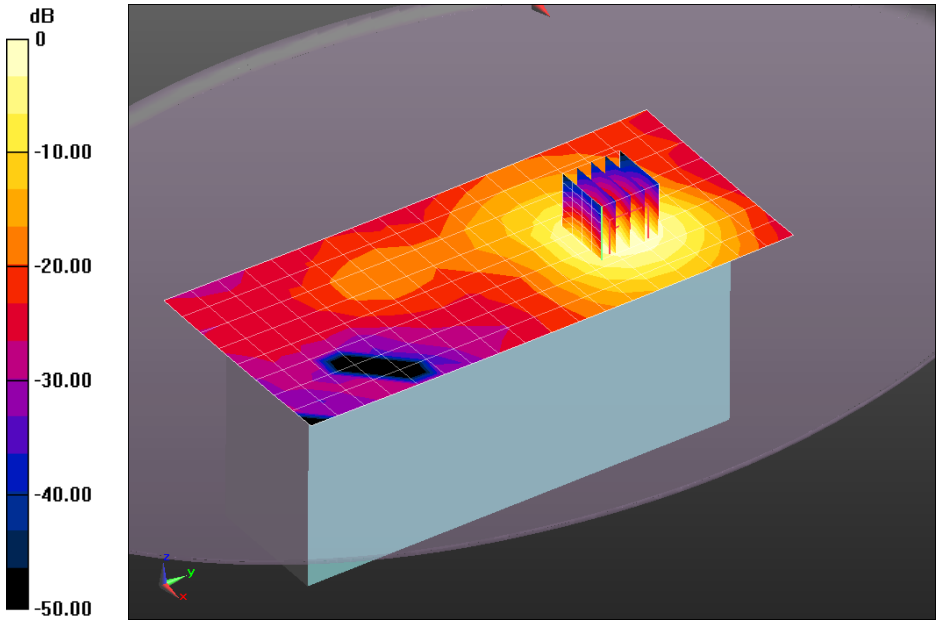
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.533 mho/m; ε_r = 52.035; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.6C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Right Edge 10 mm/Right Side 10mm 3 TS/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.683 mW/g

WC_Right Edge 10 mm/Right Side 10mm 3 TS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.238 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.009 mW/g
SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.379 mW/g
Maximum value of SAR (measured) = 0.759 mW/g



0 dB = 0.683 mW/g = -3.31 dB mW/g

Plot 14

Date/Time: 7/18/2013 7:20:53 AM

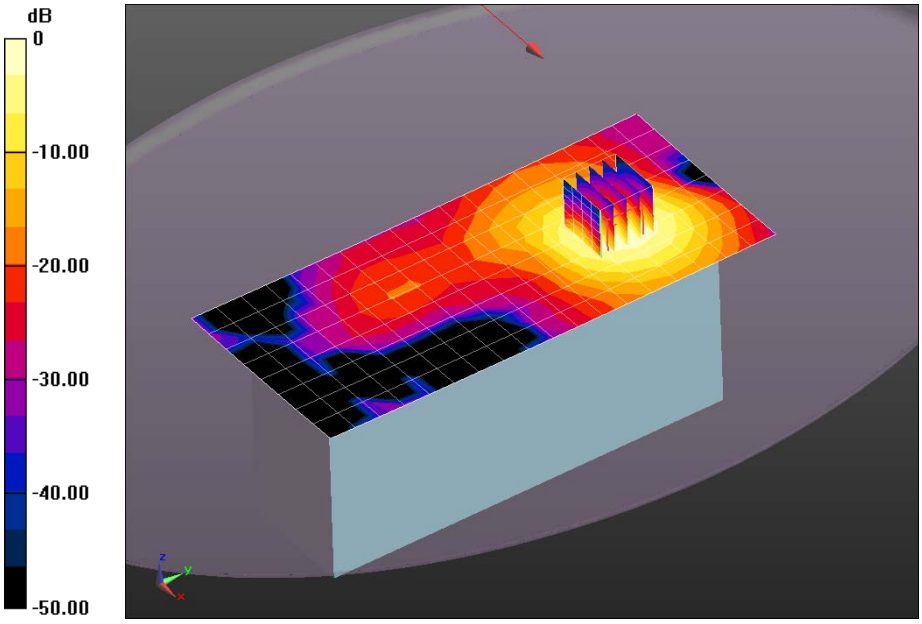
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.533 mho/m; ε_r = 52.035; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 21.7C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 10 mm/Right Side 10mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.767 mW/g

Flat-Section 10 mm/Right Side 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.601 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.154 mW/g
SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.424 mW/g
Maximum value of SAR (measured) = 0.871 mW/g



0 dB = 0.767 mW/g = -2.30 dB mW/g

Plot 15

Date/Time: 7/18/2013 1:34:57 PM

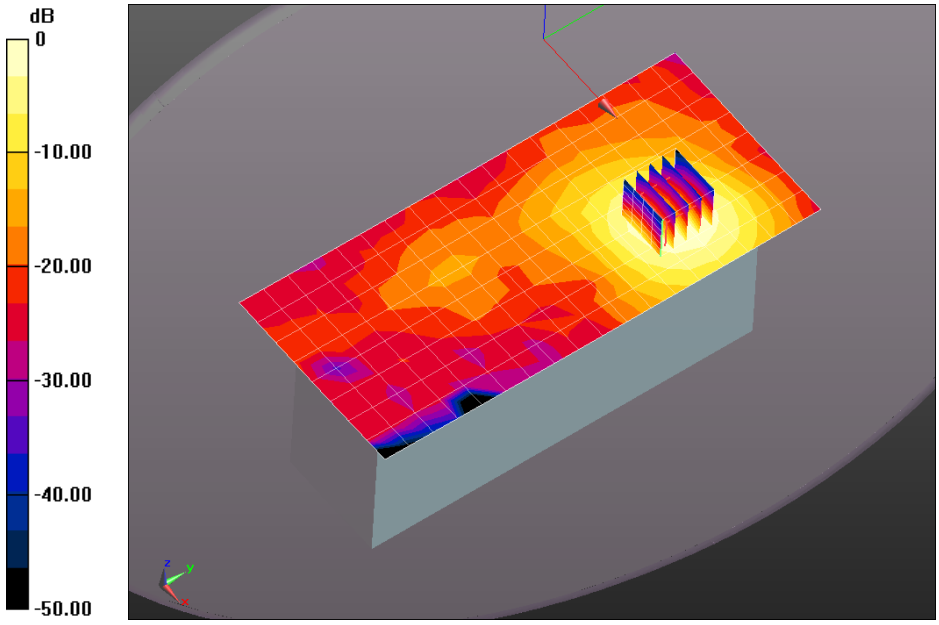
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.533 mho/m; ε_r = 52.035; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.5C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Right Edge 10 mm/Right Side 10mm 1 TS/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.238 mW/g

WC_Right Edge 10 mm/Right Side 10mm 1 TS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.180 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.364 mW/g
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.141 mW/g
Maximum value of SAR (measured) = 0.278 mW/g



0 dB = 0.238 mW/g = -12.47 dB mW/g

Plot 16

Date/Time: 7/22/2013 10:51:01 PM

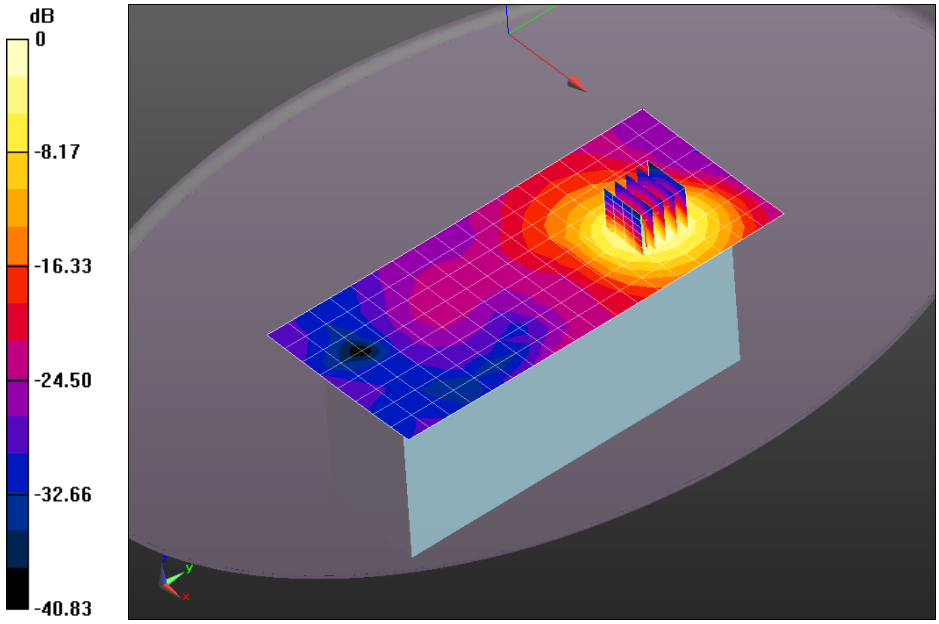
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1850 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1850 MHz; σ = 1.493 mho/m; ε_r = 51.324; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Right Edge 10 mm 2/Right Side 10mm 4 TS_1850.2 MHz/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.43 mW/g

WC_Right Edge 10 mm 2/Right Side 10mm 4 TS_1850.2 MHz/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.483 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.874 mW/g
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.706 mW/g
Maximum value of SAR (measured) = 1.41 mW/g



0 dB = 1.43 mW/g = 3.11 dB mW/g

Plot 17

Date/Time: 7/18/2013 5:49:40 PM

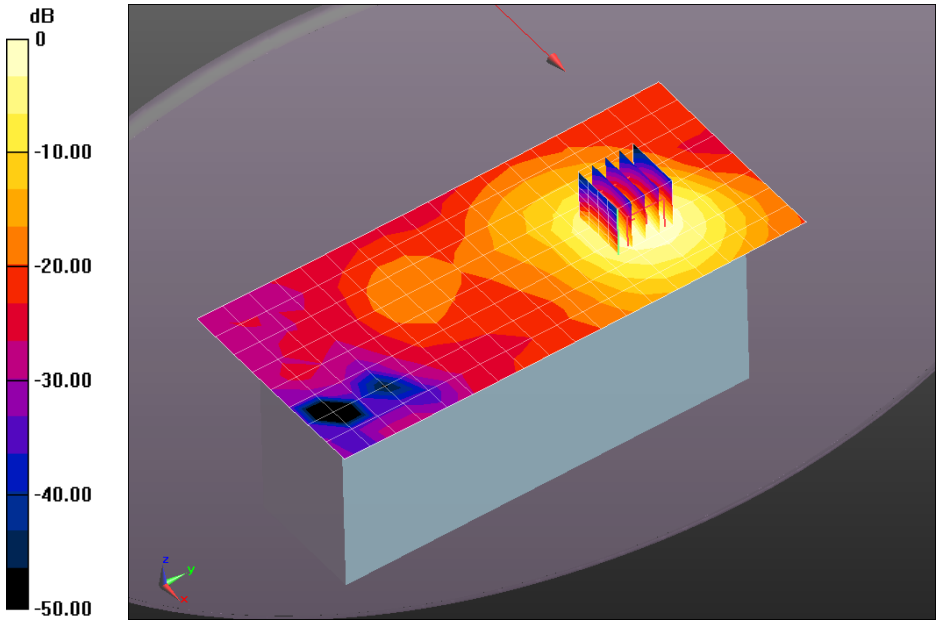
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1910 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1910 MHz; σ = 1.568 mho/m; ε_r = 51.921; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.5C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Right Edge 10 mm/Right Side 10mm 4 TS_1909.8 MHz/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.899 mW/g

WC_Right Edge 10 mm/Right Side 10mm 4 TS_1909.8 MHz/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.912 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.282 mW/g
SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.492 mW/g
Maximum value of SAR (measured) = 0.972 mW/g



0 dB = 0.899 mW/g = -0.92 dB mW/g

Plot 18

Date/Time: 7/18/2013 8:06:20 PM

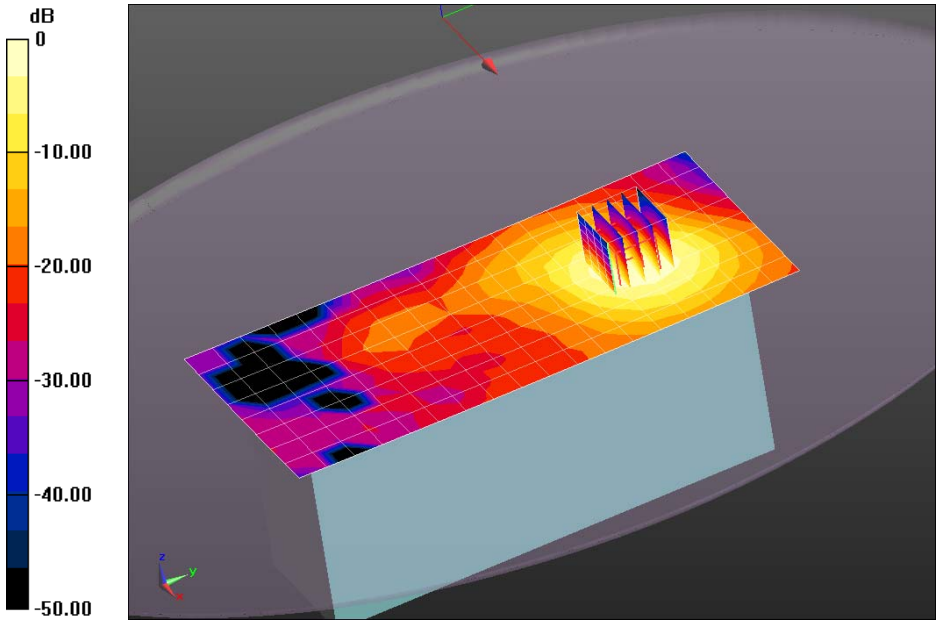
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: EGPRS 4 Timeslots; Frequency: 1909.8 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1910 MHz; σ = 1.568 mho/m; ε_r = 51.921; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.6C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Right Edge 10 mm/Right Side 10mm 4 TS_1850.2 MHz EGPRS MCS5/Area Scan (9x19x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.450 mW/g

WC_Right Edge 10 mm/Right Side 10mm 4 TS_1850.2 MHz EGPRS MCS5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.585 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.650 mW/g
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.493 mW/g



0 dB = 0.450 mW/g = -6.94 dB mW/g

Plot 19

Date/Time: 7/22/2013 11:14:53 PM

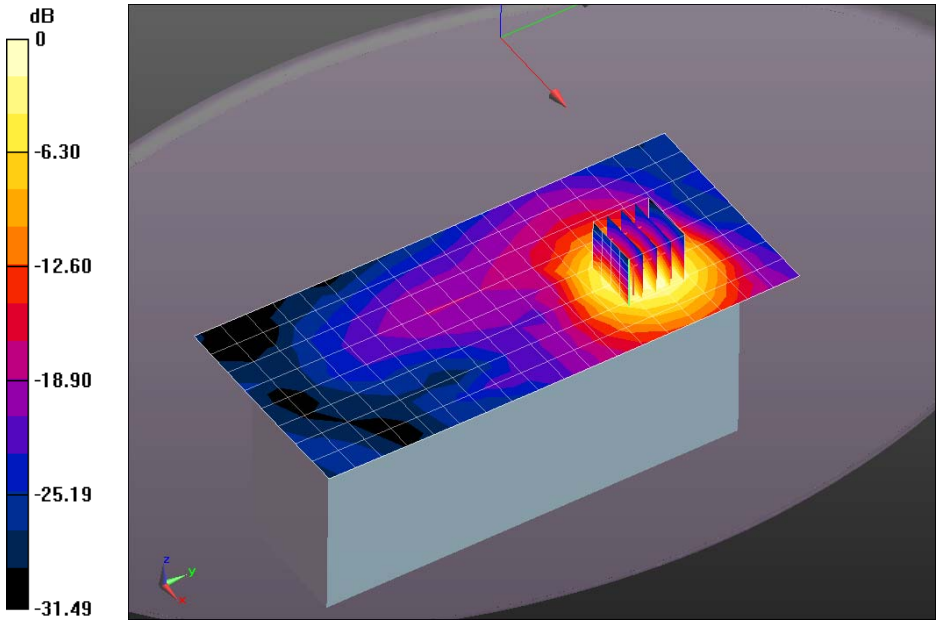
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1850 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1850 MHz; σ = 1.493 mho/m; ε_r = 51.324; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Right Edge 10 mm 2/Right Side 10mm 4 TS_1850.2 MHz_Laser/Area Scan (9x19x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.33 mW/g

WC_Right Edge 10 mm 2/Right Side 10mm 4 TS_1850.2 MHz_Laser/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.884 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.760 mW/g
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.660 mW/g
Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.33 mW/g = 2.48 dB mW/g

Plot 20

Date/Time: 7/17/2013 9:06:59 PM

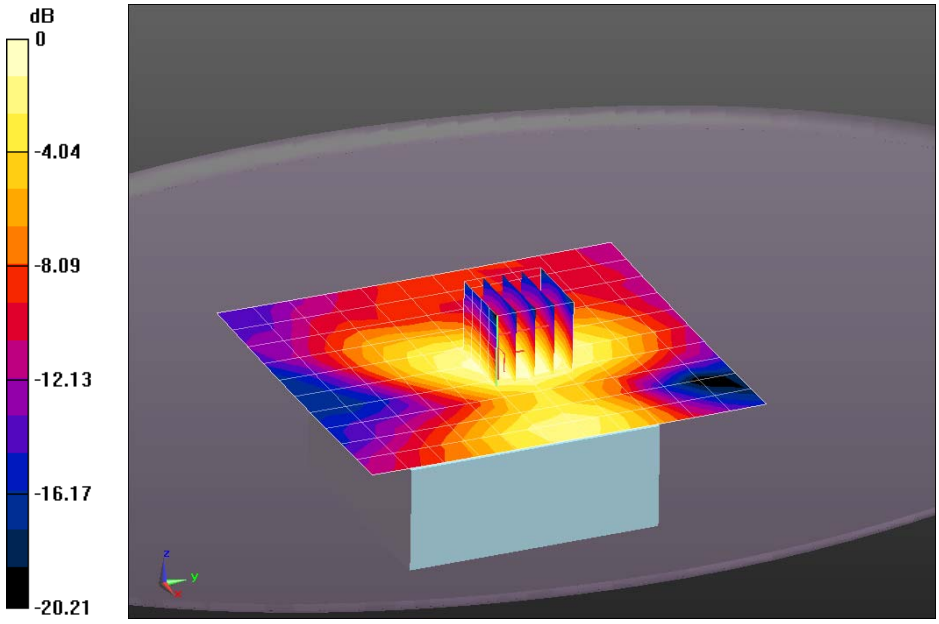
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.523 mho/m; ε_r = 52.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 22.1C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 10 mm/Front 10mm/Area Scan (11x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.112 mW/g

Flat-Section 10 mm/Front 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.563 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.148 mW/g
SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.111 mW/g



0 dB = 0.112 mW/g = -18.98 dB mW/g

Plot 21

Date/Time: 7/17/2013 9:32:44 PM

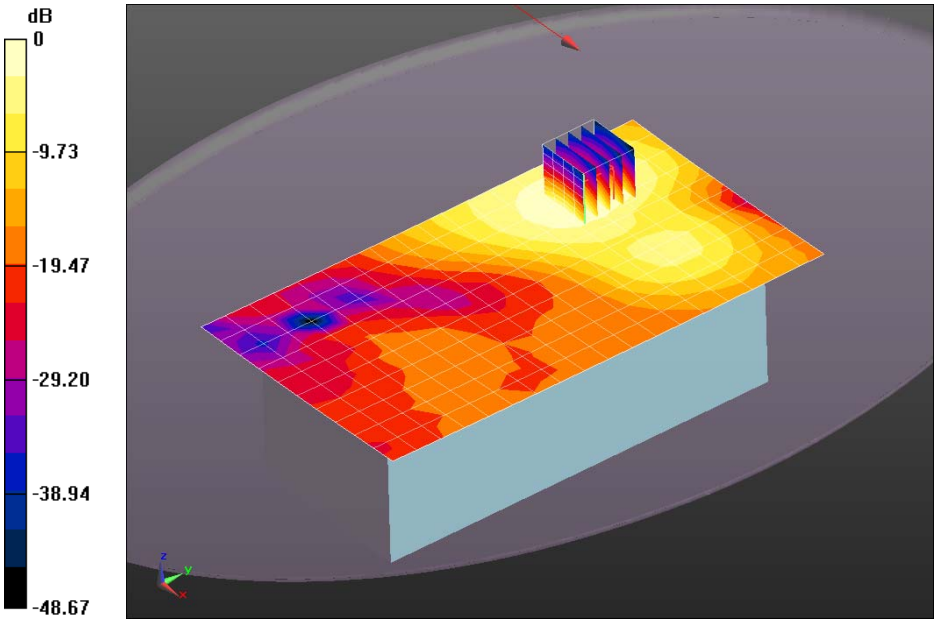
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.523 mho/m; ε_r = 52.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 22.1C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 10 mm/Back 10mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.246 mW/g

Flat-Section 10 mm/Back 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.161 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.340 mW/g
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.138 mW/g
Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.246 mW/g = -12.20 dB mW/g

Plot 22

Date/Time: 7/17/2013 8:29:21 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

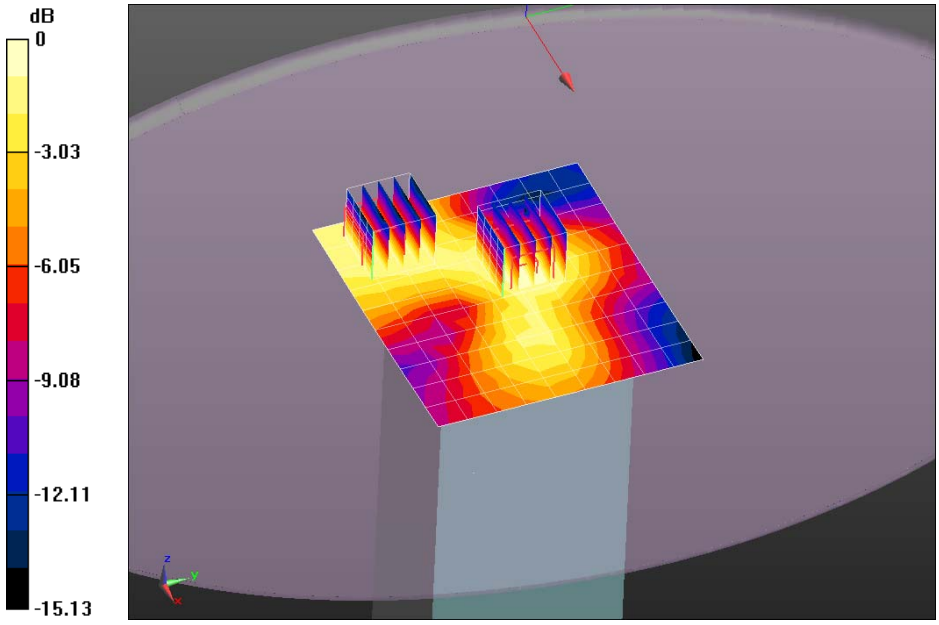
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.523 mho/m; ε_r = 52.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 22.1C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 10 mm/Top Edge 10mm/Area Scan (11x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0745 mW/g

Flat-Section 10 mm/Top Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.671 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.105 mW/g
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.0806 mW/g

Flat-Section 10 mm/Top Edge 10mm/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.671 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.076 mW/g
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.0596 mW/g



0 dB = 0.0745 mW/g = -22.55 dB mW/g

Plot 23

Date/Time: 7/17/2013 3:33:08 PM

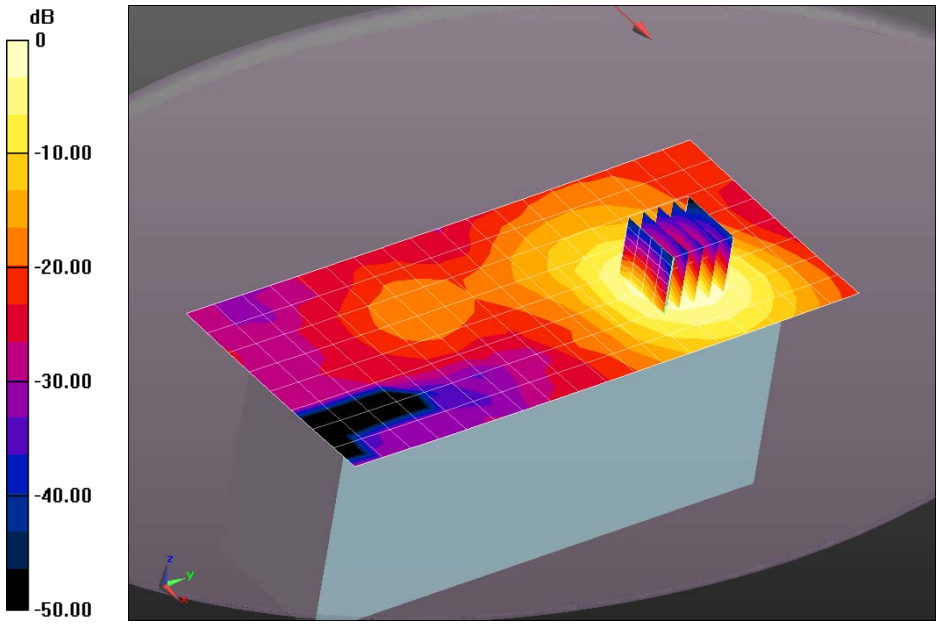
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.523 mho/m; ε_r = 52.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Air Temperature: 22.6; Medium Temperature: 22.1; Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 10 mm/Right Side 10mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.883 mW/g

Flat-Section 10 mm/Right Side 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.661 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.300 mW/g
SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.498 mW/g
Maximum value of SAR (measured) = 0.981 mW/g



0 dB = 0.883 mW/g = -1.08 dB mW/g

Plot 24

Date/Time: 7/23/2013 12:08:32 AM

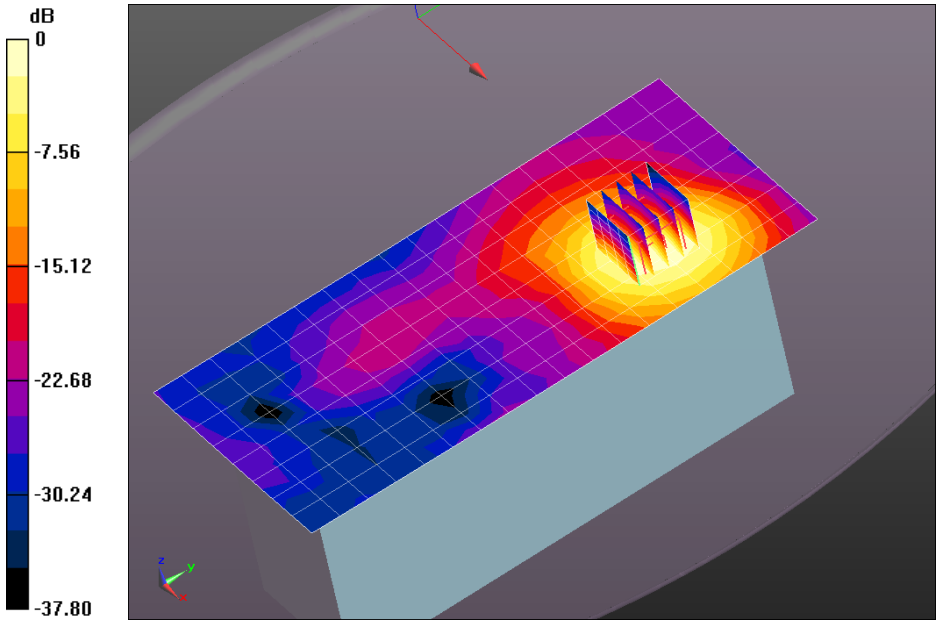
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 1852 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1852 MHz; σ = 1.495 mho/m; ε_r = 51.307; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 21.2C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section Recheck 10 mm 2/Right Side 10mm_1852MHz/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.35 mW/g

Flat-Section Recheck 10 mm 2/Right Side 10mm_1852MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.216 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.026 mW/g
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.774 mW/g
Maximum value of SAR (measured) = 1.53 mW/g



0 dB = 1.35 mW/g = 2.59 dB mW/g

Plot 25

Date/Time: 7/18/2013 12:22:14 AM

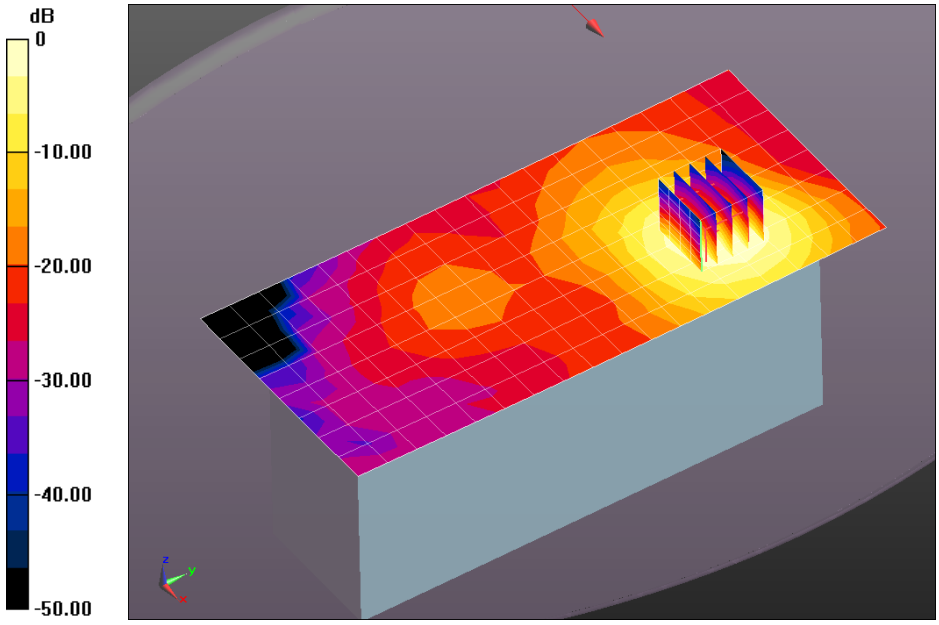
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 1908 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1908 MHz; σ = 1.567 mho/m; ε_r = 51.929; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 22.1C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 10 mm 2/Right Side 10mm_1907.6MHz/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.857 mW/g

Flat-Section 10 mm 2/Right Side 10mm_1907.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.652 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.265 mW/g
SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.479 mW/g
Maximum value of SAR (measured) = 0.942 mW/g



0 dB = 0.857 mW/g = -1.34 dB mW/g

Plot 26

Date/Time: 7/22/2013 11:40:56 PM

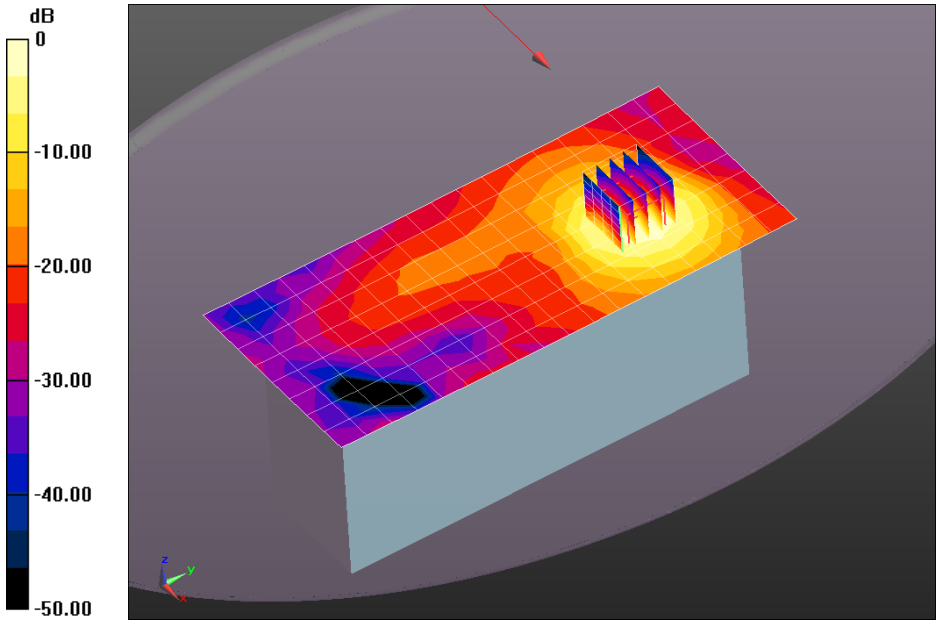
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 1852 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1852 MHz; σ = 1.495 mho/m; ε_r = 51.307; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy ; Air Temperature: 21.5C; Medium Temperature: 21.2C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section Recheck 10 mm 2/Right Side 10mm_1852MHz_Laser/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.50 mW/g

Flat-Section Recheck 10 mm 2/Right Side 10mm_1852MHz_Laser/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.704 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.092 mW/g
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.781 mW/g
Maximum value of SAR (measured) = 1.58 mW/g



0 dB = 1.50 mW/g = 3.51 dB mW/g

Plot 27

Date/Time: 9/6/2013 3:05:35 PM

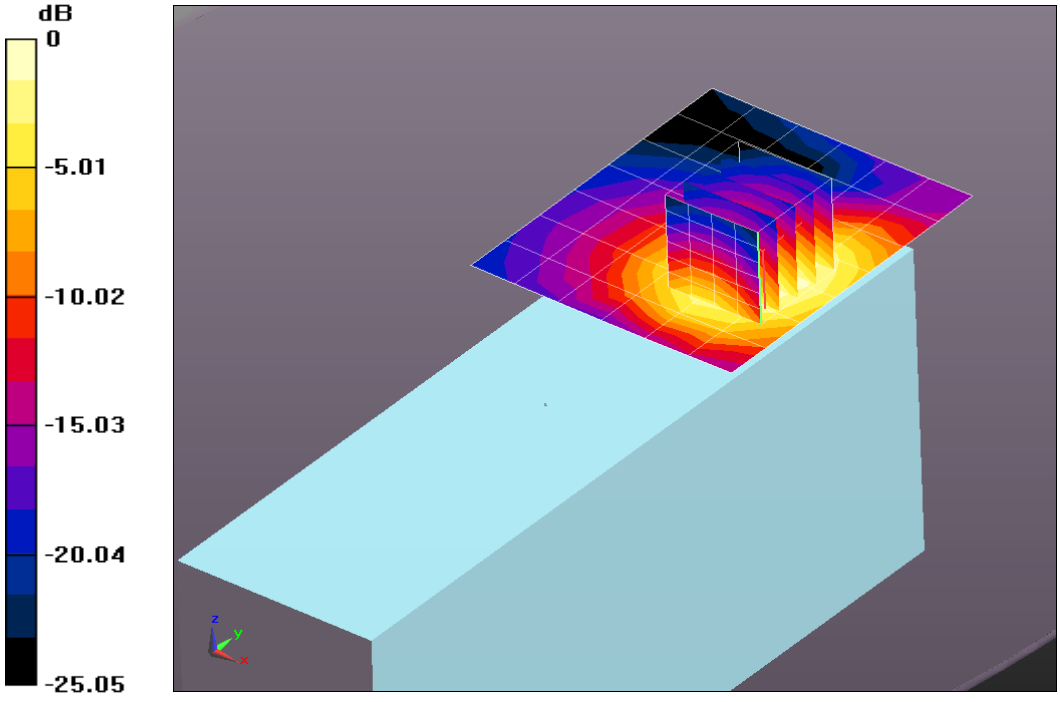
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: UMTS-FDD (WCDMA); Frequency: 1852 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1852 MHz; σ = 1.523 mho/m; ε_r = 51.403; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 10mm_Worst Case with Laser_Repeat 9-6-13/Right Side 10mm_1852MHz_Laser/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.14 mW/g

Flat-Section 10mm_Worst Case with Laser_Repeat 9-6-13/Right Side 10mm_1852MHz_Laser/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.809 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.795 mW/g
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.671 mW/g
Maximum value of SAR (measured) = 1.36 mW/g



0 dB = 1.14 mW/g = 1.13 dB mW/g

Plot 28

Date/Time: 7/23/2013 4:20:38 PM

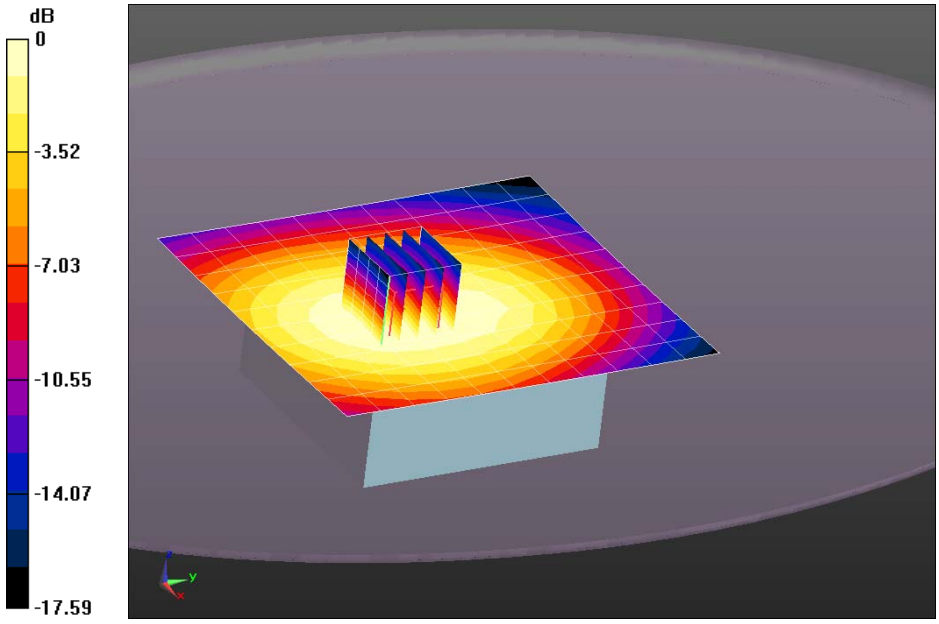
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.006 mho/m; ε_r = 53.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John R; Air Temperature: 22.1C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm 2/Front 10mm/Area Scan (11x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.184 mW/g

Flat-Section 10 mm 2/Front 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.475 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.211 mW/g
SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.129 mW/g
Maximum value of SAR (measured) = 0.185 mW/g



0 dB = 0.184 mW/g = -14.69 dB mW/g

Plot 29

Date/Time: 7/23/2013 3:38:58 PM

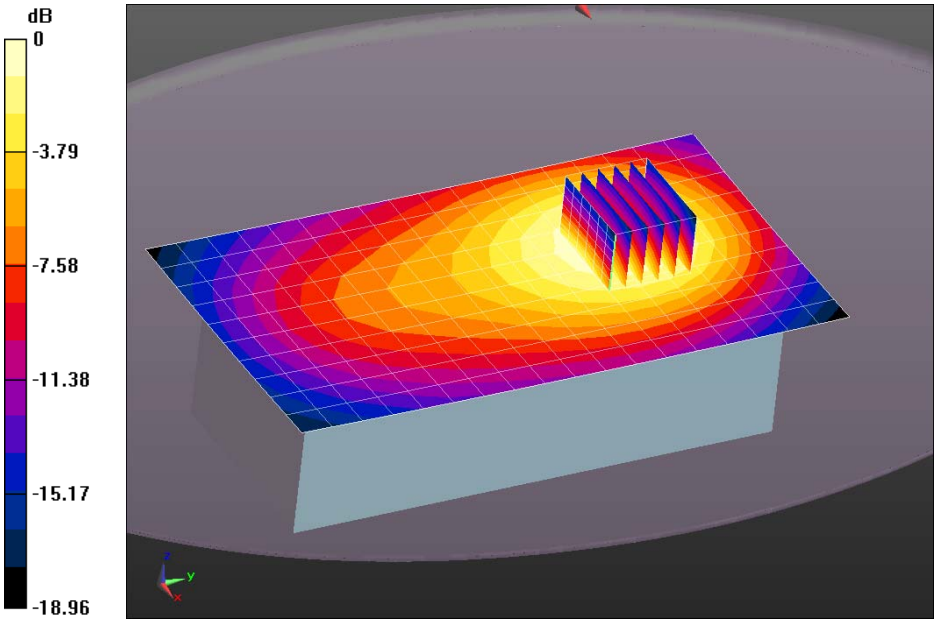
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.006 mho/m; ε_r = 53.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John R; Air Temperature: 22.0C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm 2/Back 10mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.284 mW/g

Flat-Section 10 mm 2/Back 10mm/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.751 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.345 mW/g
SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.296 mW/g



0 dB = 0.284 mW/g = -10.95 dB mW/g

Plot 30

Date/Time: 7/23/2013 2:39:45 PM

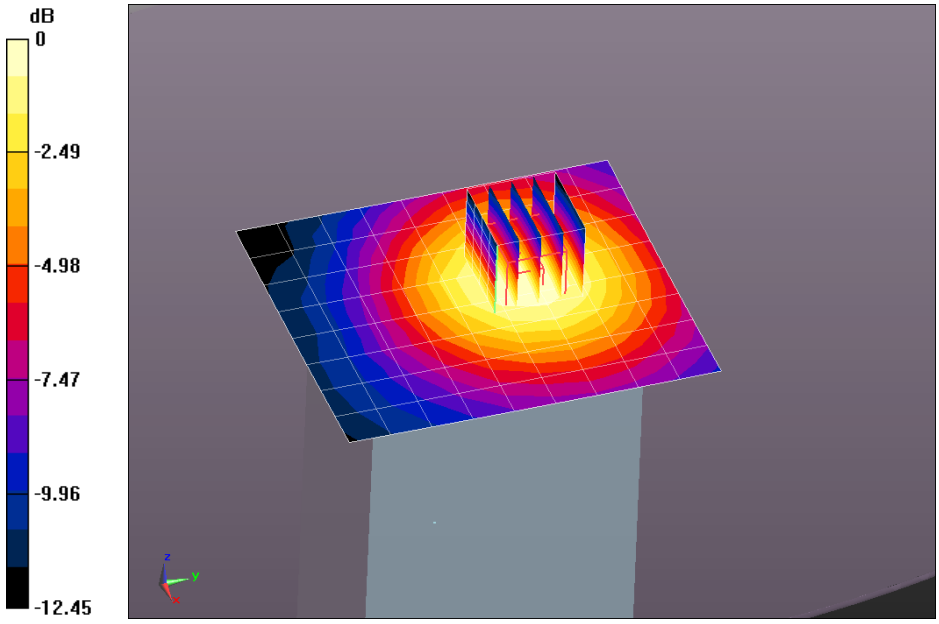
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.006 mho/m; ε_r = 53.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John R; Air Temperature: 22.3C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm 2/Top 10mm/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0848 mW/g

Flat-Section 10 mm 2/Top 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.374 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.105 mW/g
SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.0892 mW/g



0 dB = 0.0848 mW/g = -21.43 dB mW/g

Plot 31

Date/Time: 7/23/2013 3:10:32 PM

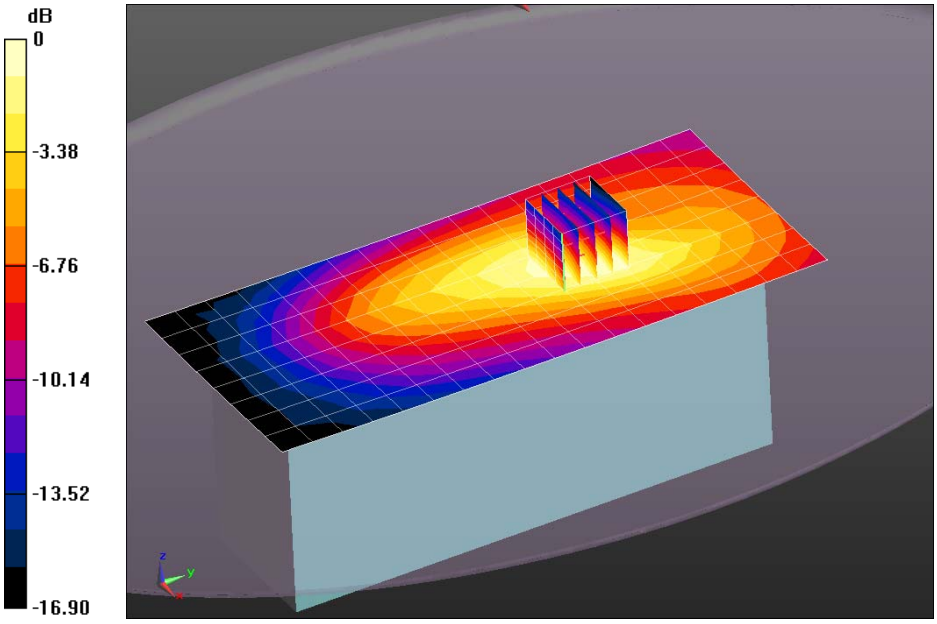
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.006 mho/m; ε_r = 53.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John R; Air Temperature: 22.2C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm 2/Right Side 10mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.140 mW/g

Flat-Section 10 mm 2/Right Side 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.829 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.178 mW/g
SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.141 mW/g



0 dB = 0.140 mW/g = -17.05 dB mW/g

Plot 32

Date/Time: 7/23/2013 9:48:29 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

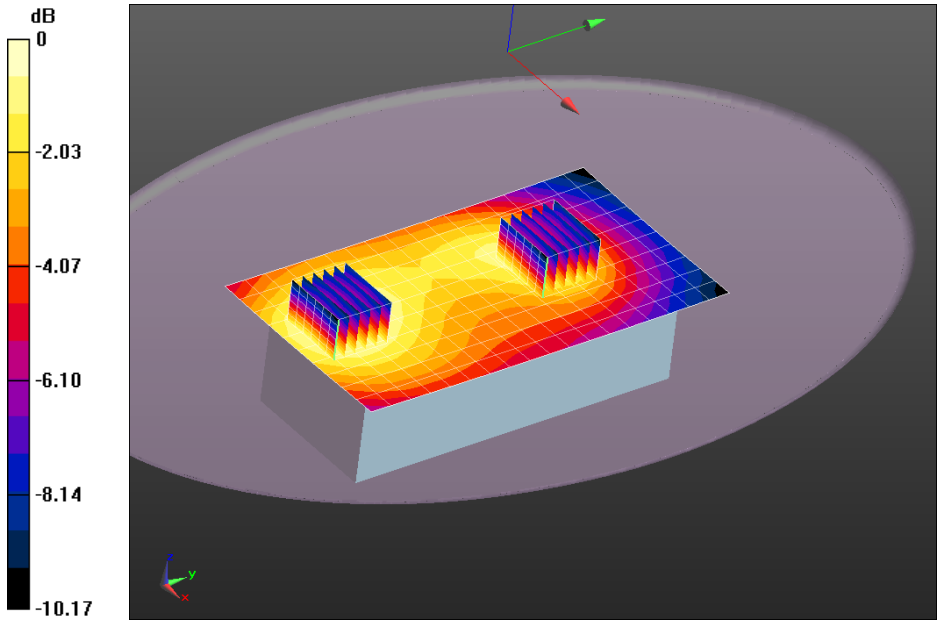
Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.006 mho/m; ε_r = 53.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.8C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10mm Worst Case with Laser/Back 10mm_Lazer/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0576 mW/g

Flat-Section 10mm Worst Case with Laser/Back 10mm_Lazer/Zoom Scan (7x6x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.859 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.066 mW/g
SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.0572 mW/g

Flat-Section 10mm Worst Case with Laser/Back 10mm_Lazer/Zoom Scan (7x6x7)/Cube 1:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.859 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.058 mW/g
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.0494 mW/g



0 dB = 0.0576 mW/g = -24.80 dB mW/g

Plot 33

Date/Time: 8/20/2013 10:32:42 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

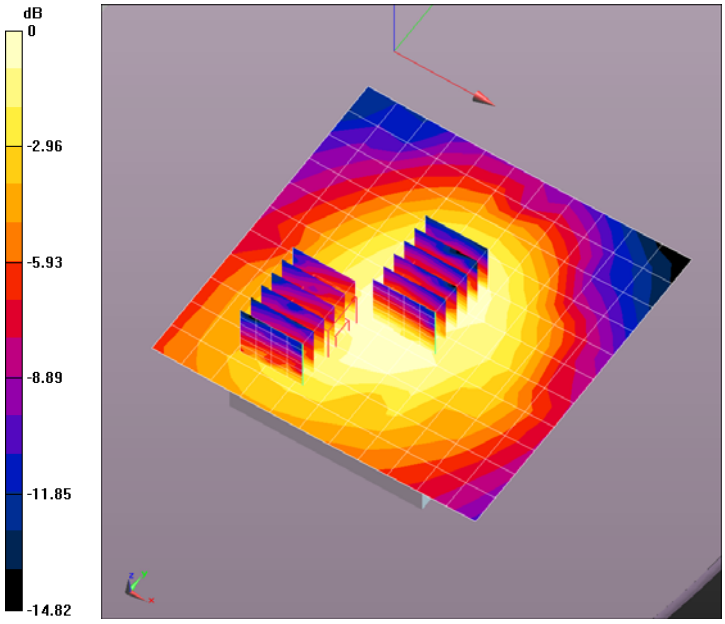
Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 836.52 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 52.973; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.3C; Medium Temperature: 20.5C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 10 mm/Front 10mm/Area Scan (12x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0694 mW/g

Flat-Section 10 mm/Front 10mm/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.339 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.094 mW/g
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.0703 mW/g

Flat-Section 10 mm/Front 10mm/Zoom Scan (5x6x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.339 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.076 mW/g
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.0637 mW/g



0 dB = 0.0694 mW/g = -23.17 dB mW/g

Plot 34

Date/Time: 8/20/2013 11:16:21 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

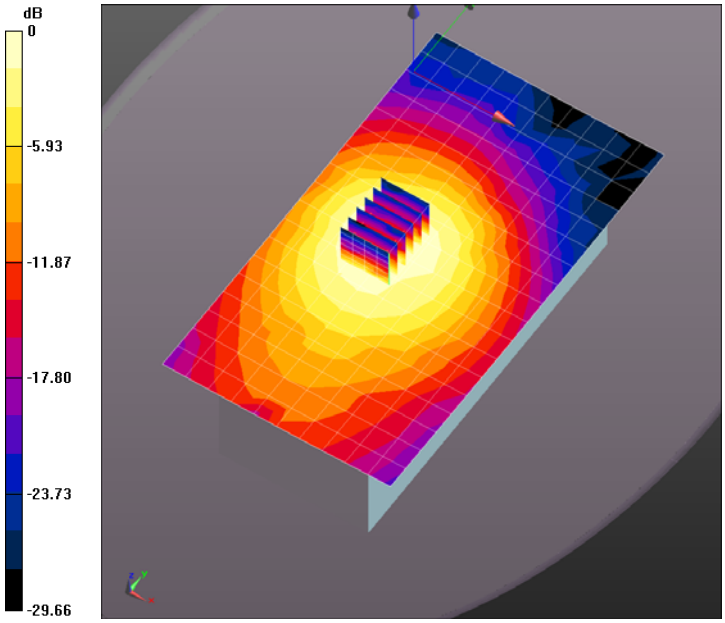
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 836.52 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 52.973; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 20.5C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 10 mm/Back 10mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.251 mW/g

Flat-Section 10 mm/Back 10mm/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.801 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.359 mW/g
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.164 mW/g
Maximum value of SAR (measured) = 0.250 mW/g



0 dB = 0.251 mW/g = -12.00 dB mW/g

Plot 35

Date/Time: 8/20/2013 2:14:34 PM

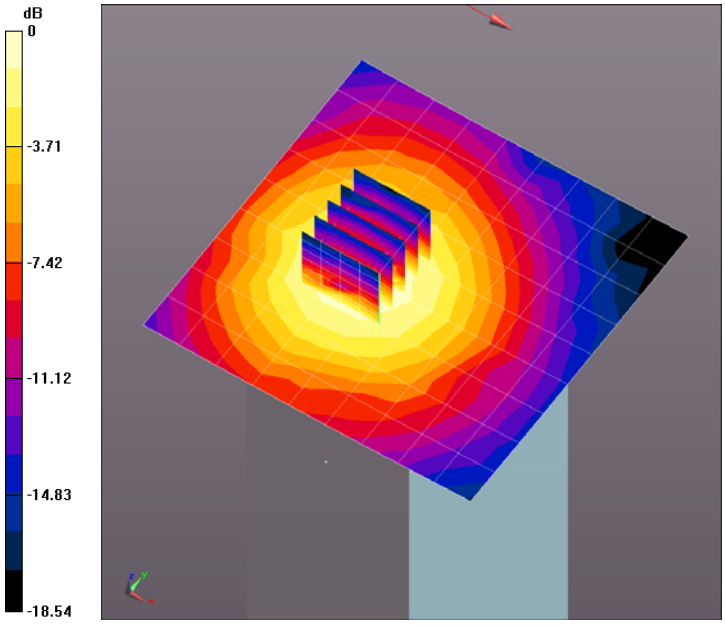
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 836.52 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 52.973; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy & John; Air Temperature: 22.4C; Medium Temperature: 20.5C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 10 mm_Top with different unit/Top 10mm/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0740 mW/g

Flat-Section 10 mm_Top with different unit/Top 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.598 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.098 mW/g
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.0743 mW/g



0 dB = 0.0740 mW/g = -22.61 dB mW/g

Plot 36

Date/Time: 8/19/2013 10:23:19 PM

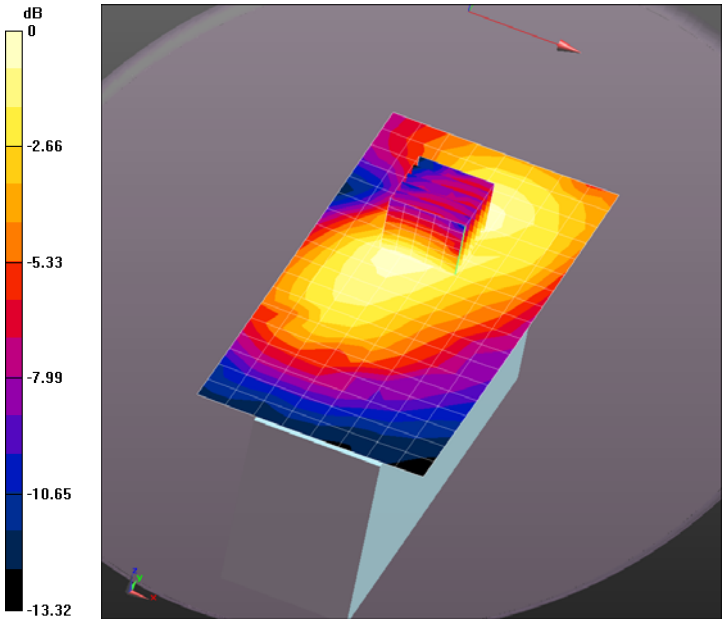
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 836.52 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 52.973; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:Andy ; Air Temperature: 22.4C; Medium Temperature: 20.2C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 10 mm/Right Side 10mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0607 mW/g

Flat-Section 10 mm/Right Side 10mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.901 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.076 mW/g
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.0638 mW/g



0 dB = 0.0607 mW/g = -24.33 dB mW/g

Plot 37

Date/Time: 8/20/2013 4:14:57 PM

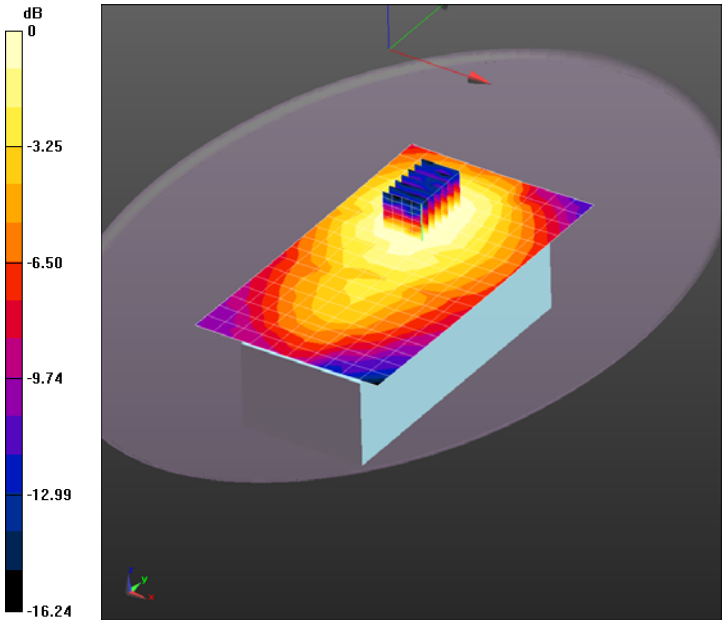
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 836.52 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 52.973; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.5C; Medium Temperature: 20.5C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 10 mm with laser/Back 10mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0252 mW/g

Flat-Section 10 mm with laser/Back 10mm/Zoom Scan (5x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.342 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.035 mW/g
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.0235 mW/g



0 dB = 0.0252 mW/g = -31.97 dB mW/g

Plot 38

Date/Time: 8/23/2013 12:11:35 PM

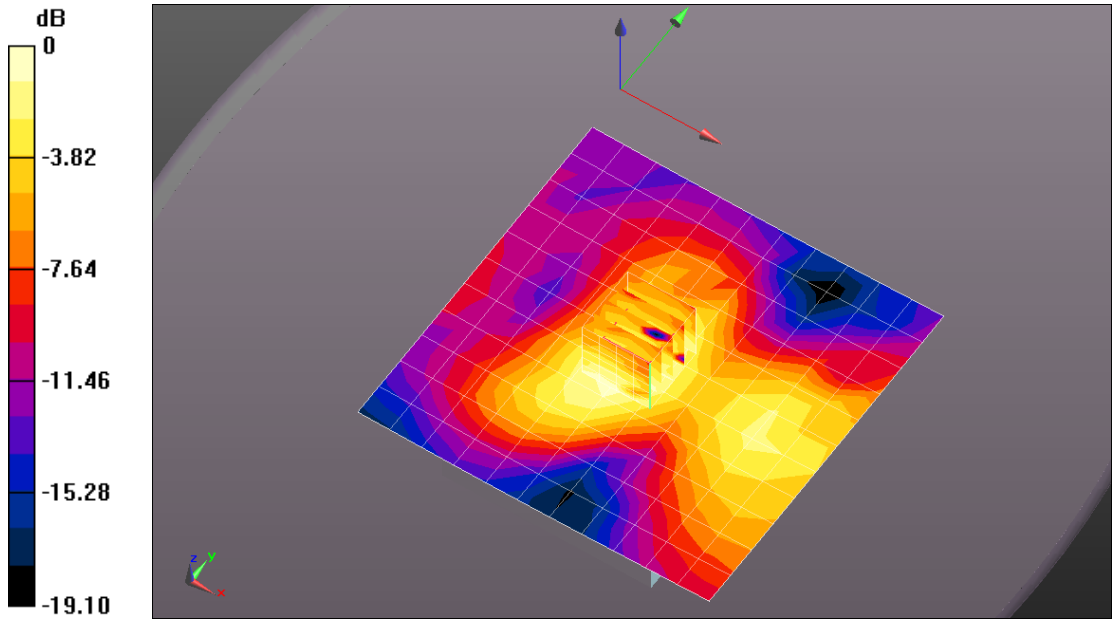
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.564 mho/m; ε_r = 51.815; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.2C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_10mm_8-23/Front 10mm/Area Scan (12x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0977 mW/g

Flat-Section_10mm_8-23/Front 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.902 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.155 mW/g
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.0983 mW/g



0 dB = 0.0977 mW/g = -20.20 dB mW/g

Plot 39

Date/Time: 8/23/2013 1:06:29 PM

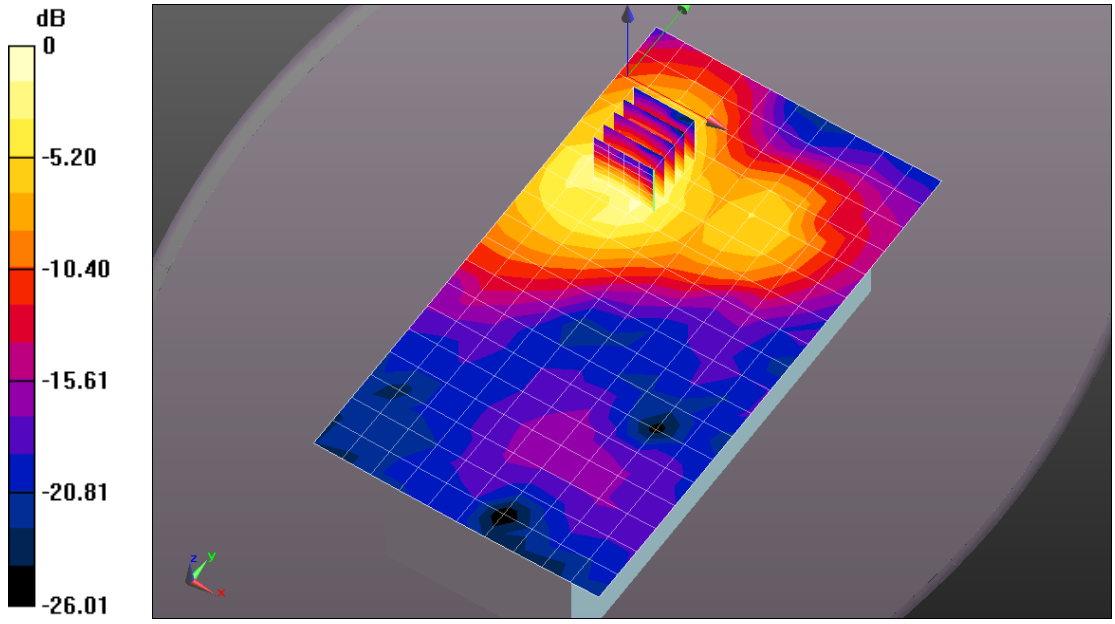
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.564 mho/m; ε_r = 51.815; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.2C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_10mm_8-23/Back 10mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.206 mW/g

Flat-Section_10mm_8-23/Back 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.105 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.297 mW/g
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.229 mW/g



0 dB = 0.206 mW/g = -13.72 dB mW/g

Plot 40

Date/Time: 8/22/2013 3:33:40 PM

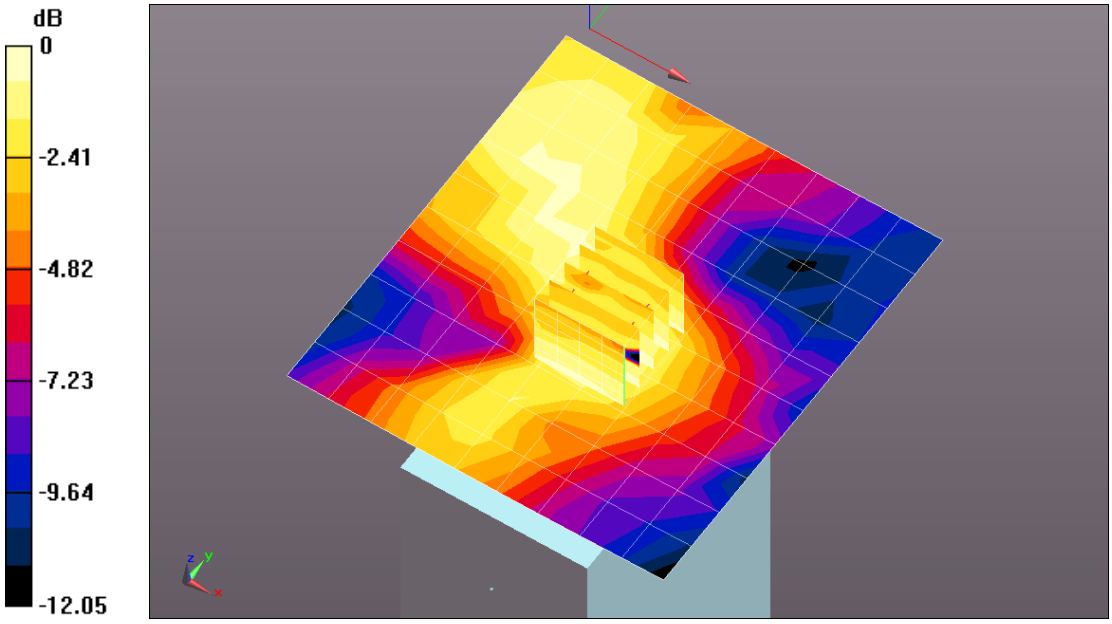
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.524 mho/m; ε_r = 51.697; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.3C; Medium Temperature: 21.5C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_10mm_8-22/Top 10mm/Area Scan (10x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0563 mW/g

Flat-Section_10mm_8-22/Top 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.182 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.069 mW/g
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.0557 mW/g



0 dB = 0.0563 mW/g = -24.99 dB mW/g

Plot 41

Date/Time: 8/23/2013 1:53:17 PM

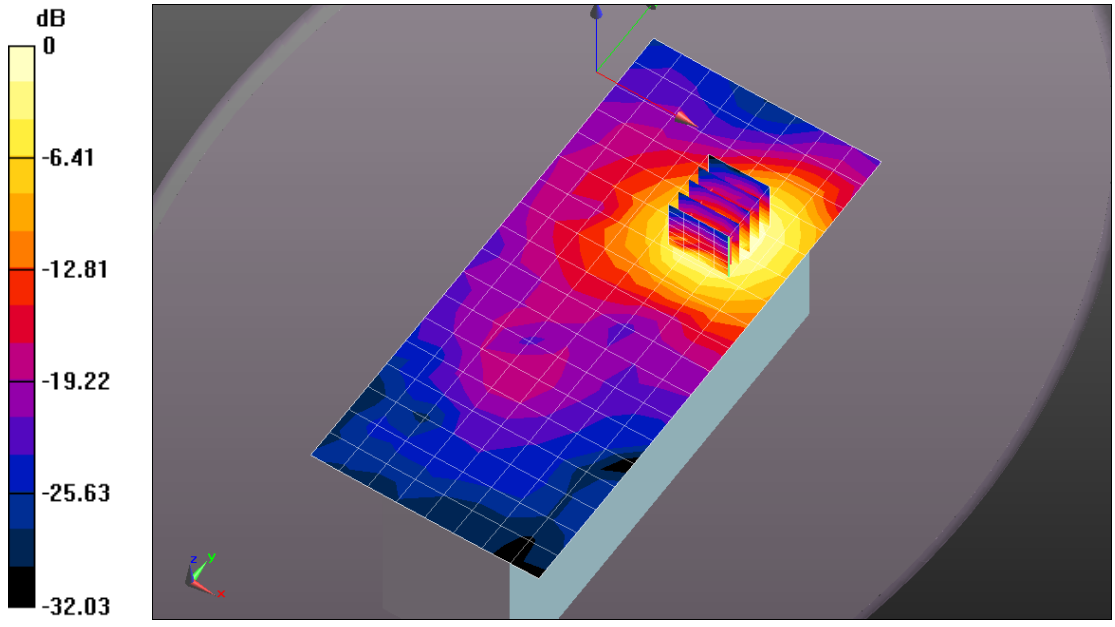
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.564 mho/m; ε_r = 51.815; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.1C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_10mm_8-23/Right Side 10mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.706 mW/g

Flat-Section_10mm_8-23/Right Side 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.716 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.041 mW/g
SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.382 mW/g
Maximum value of SAR (measured) = 0.783 mW/g



0 dB = 0.706 mW/g = -3.02 dB mW/g

Plot 42

Date/Time: 8/23/2013 3:44:42 PM

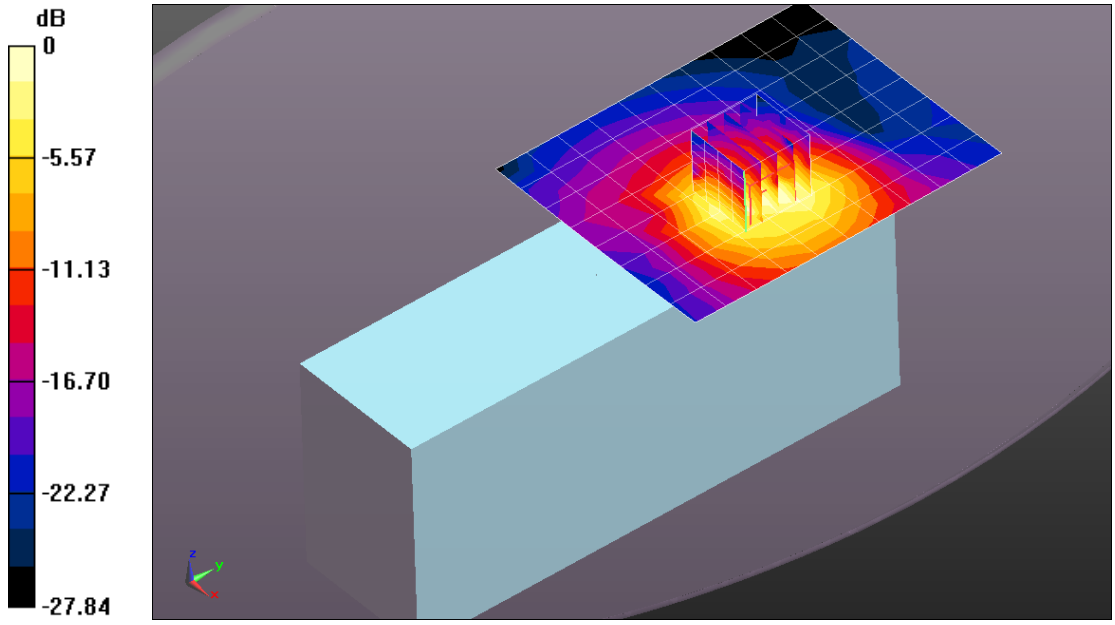
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.564 mho/m; ε_r = 51.815; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.3C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_10mm_WC_Laser_8-23/Right Side_10mm/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.939 mW/g

Flat-Section_10mm_WC_Laser_8-23/Right Side_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.848 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.071 mW/g
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.434 mW/g
Maximum value of SAR (measured) = 0.858 mW/g



0 dB = 0.939 mW/g = -0.54 dB mW/g

Plot 43

Date/Time: 7/24/2013 3:28:15 PM

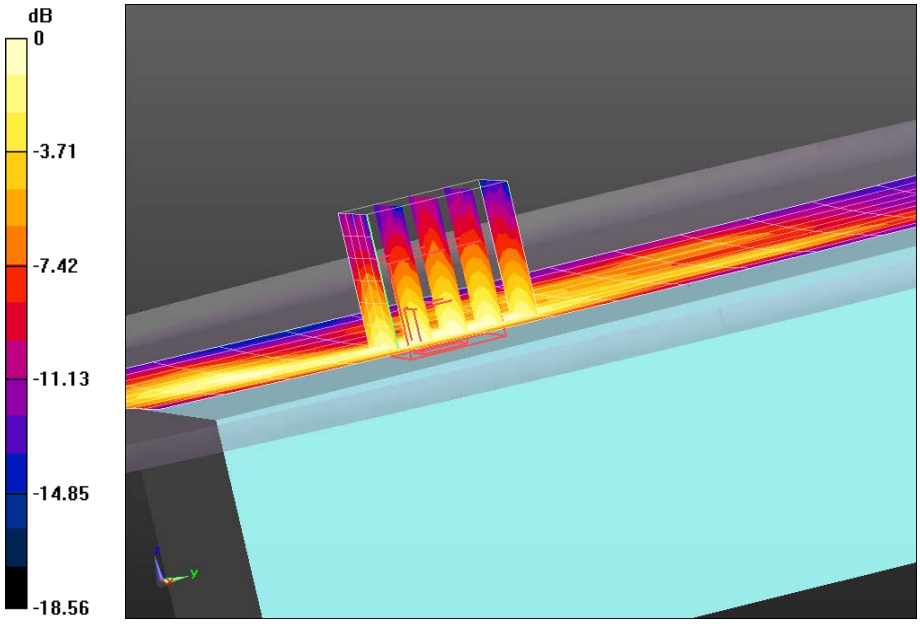
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 100824-5
Medium parameters used: f = 2437 MHz; σ = 1.971 mho/m; ε_r = 50.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny & Mike; Air Temperature: 22.5C; Medium Temperature: 22.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.38, 4.38, 4.38); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm/Front 10mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0452 mW/g

Flat-Section 10 mm/Front 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.501 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.081 mW/g
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.0507 mW/g



0 dB = 0.0452 mW/g = -26.90 dB mW/g

Plot 44

Date/Time: 7/24/2013 4:00:25 PM

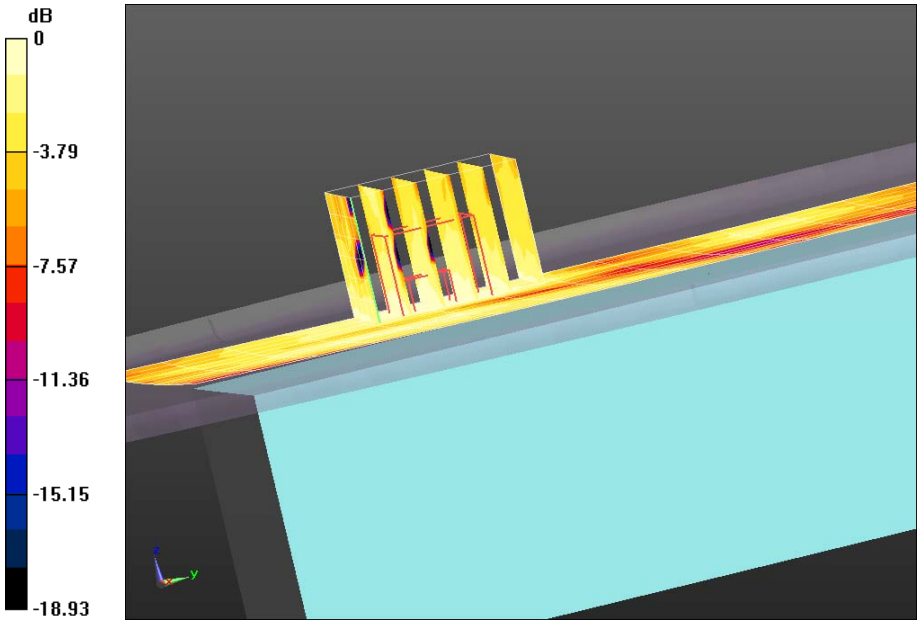
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 100824-5
Medium parameters used: f = 2437 MHz; σ = 1.971 mho/m; ε_r = 50.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature:22.7 C; Medium Temperature: 22.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.38, 4.38, 4.38); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm/Back 10mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.00688 mW/g

Flat-Section 10 mm/Back 10mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.243 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.012 mW/g
SAR(1 g) = 0.00668 mW/g; SAR(10 g) = 0.00403 mW/g
Maximum value of SAR (measured) = 0.00834 mW/g



0 dB = 0.00688 mW/g = -43.25 dB mW/g

Plot 45

Date/Time: 7/24/2013 5:56:06 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

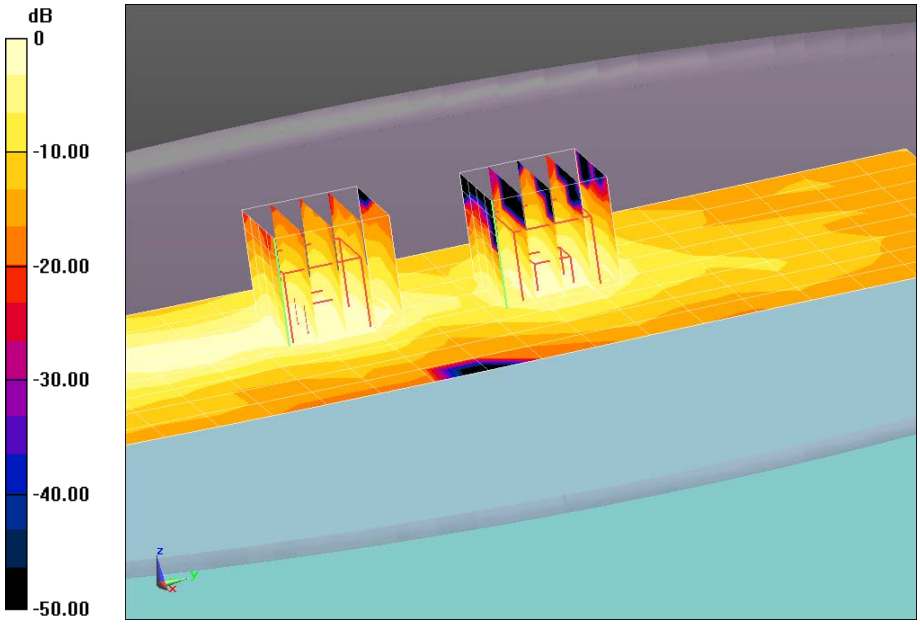
Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 100824-5
Medium parameters used: f = 2437 MHz; σ = 1.971 mho/m; ε_r = 50.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature:22.8 C; Medium Temperature: 22.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.38, 4.38, 4.38); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm/Right Side 10mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0634 mW/g

Flat-Section 10 mm/Right Side 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.519 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.106 mW/g
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.0694 mW/g

Flat-Section 10 mm/Right Side 10mm/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.519 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.071 mW/g
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.0473 mW/g



0 dB = 0.0634 mW/g = -23.96 dB mW/g

Plot 46

Date/Time: 7/24/2013 6:41:28 PM

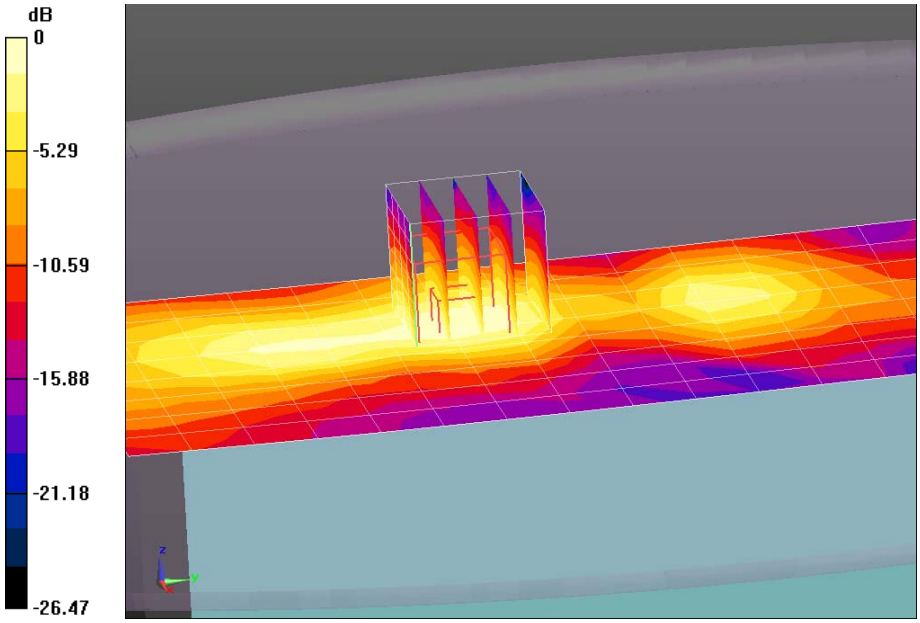
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 100824-5
Medium parameters used: f = 2437 MHz; σ = 1.971 mho/m; ε_r = 50.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature:22.8 C; Medium Temperature: 22.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.38, 4.38, 4.38); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm/WC_With Laser_Right Side 10mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0583 mW/g

Flat-Section 10 mm/WC_With Laser_Right Side 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.204 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.101 mW/g
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.0667 mW/g



0 dB = 0.0583 mW/g = -24.68 dB mW/g

Plot 47

Date/Time: 8/21/2013 3:25:10 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.978 mho/m; ε_r = 53.292; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.5C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

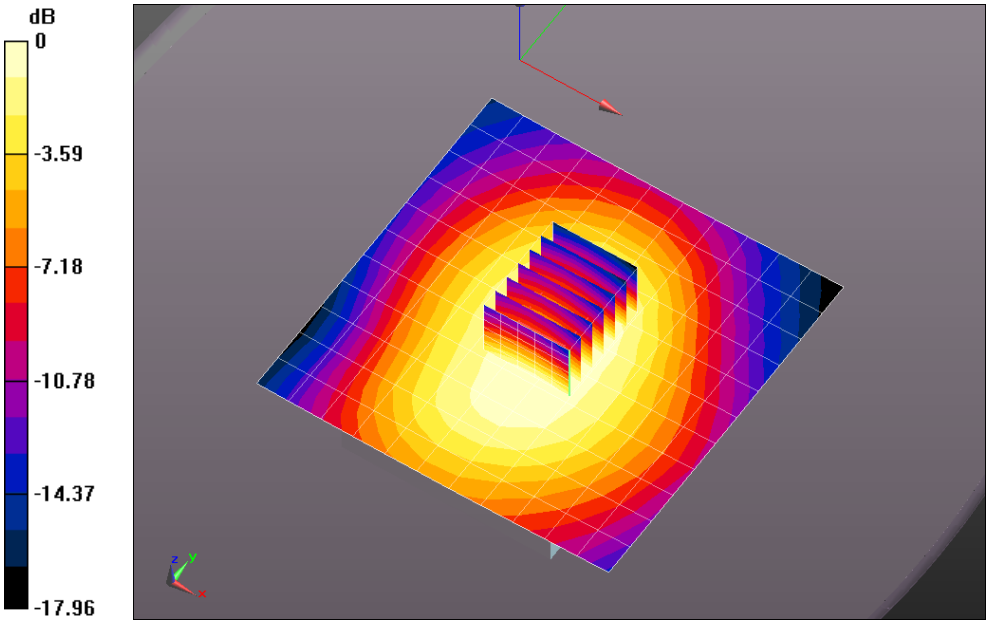
- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 0 mm_08-21-13/Front 0mm/Area Scan (12x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.181 mW/g

Flat-Section 0 mm_08-21-13/Front 0mm/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.743 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.206 mW/g
SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.127 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.180 mW/g



0 dB = 0.181 mW/g = -14.82 dB mW/g

Plot 48

Date/Time: 7/24/2013 11:00:41 PM

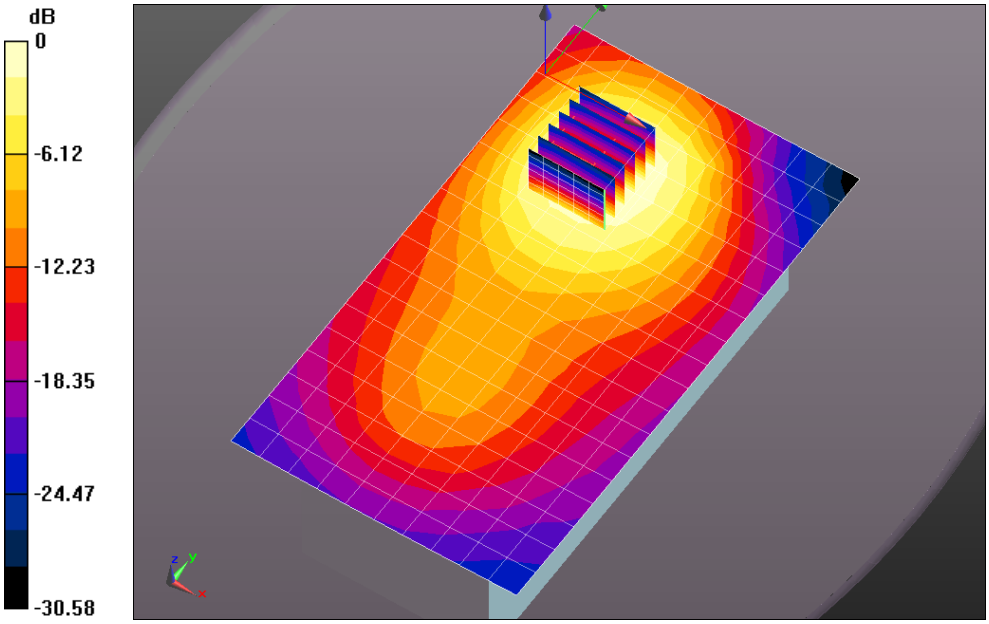
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 837 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 53.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.2C; Medium Temperature: 21.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.27, 6.27, 6.27); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Flat-Section 0 mm retest 2/Back 0mm_4TS/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.86 mW/g

WC_Flat-Section 0 mm retest 2/Back 0mm_4TS/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.904 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.241 mW/g
SAR(1 g) = 1.6 mW/g; SAR(10 g) = 1.12 mW/g
Maximum value of SAR (measured) = 1.85 mW/g



0 dB = 1.86 mW/g = 5.37 dB mW/g

Plot 49

Date/Time: 8/21/2013 3:58:50 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.978 mho/m; ε_r = 53.292; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.3C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

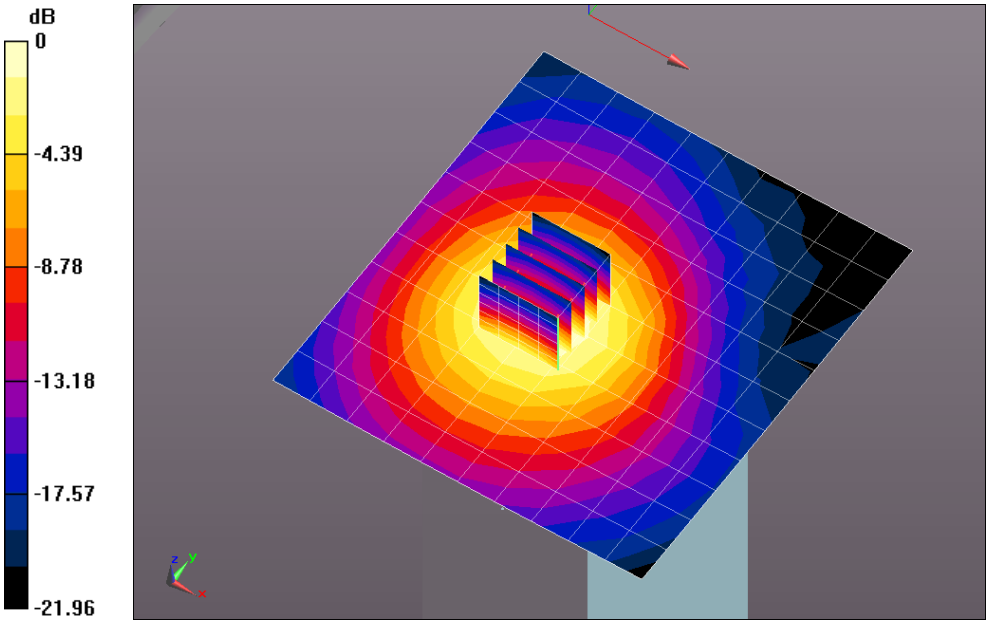
- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 0 mm_08-21-13/Top 0mm/Area Scan (11x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.230 mW/g

Flat-Section 0 mm_08-21-13/Top 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.526 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.266 mW/g
SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.135 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.221 mW/g



0 dB = 0.230 mW/g = -12.77 dB mW/g

Plot 50

Date/Time: 8/21/2013 4:31:29 PM

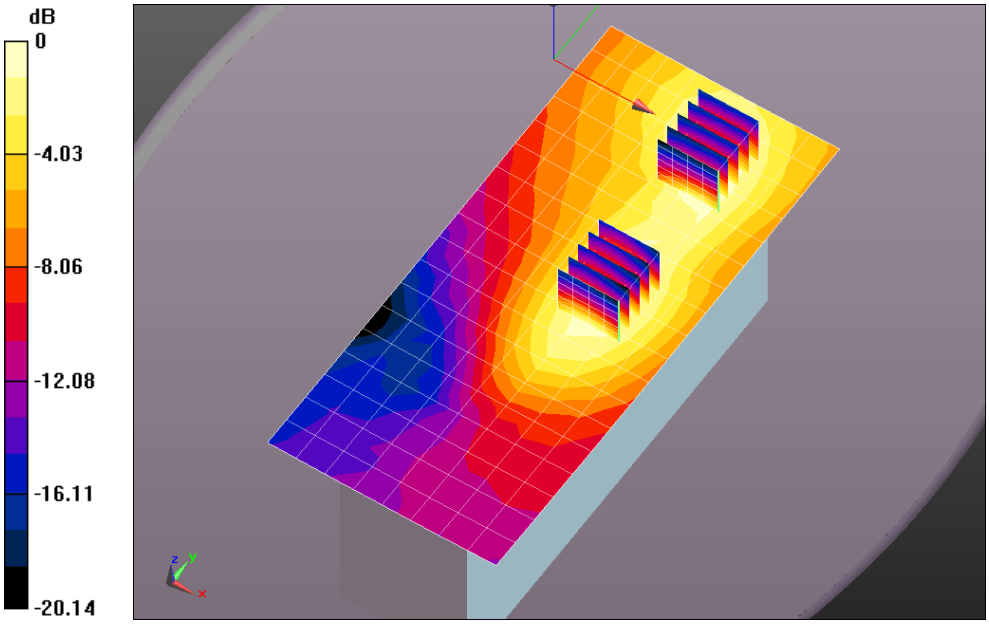
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.978 mho/m; ε_r = 53.292; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21.9C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 0 mm_08-21-13/Right Side 0mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0531 mW/g

Flat-Section 0 mm_08-21-13/Right Side 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.123 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.069 mW/g
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.0543 mW/g
Flat-Section 0 mm_08-21-13/Right Side 0mm/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.123 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.060 mW/g
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.0490 mW/g



0 dB = 0.0531 mW/g = -25.50 dB mW/g

Plot 51

Date/Time: 7/24/2013 10:35:28 PM

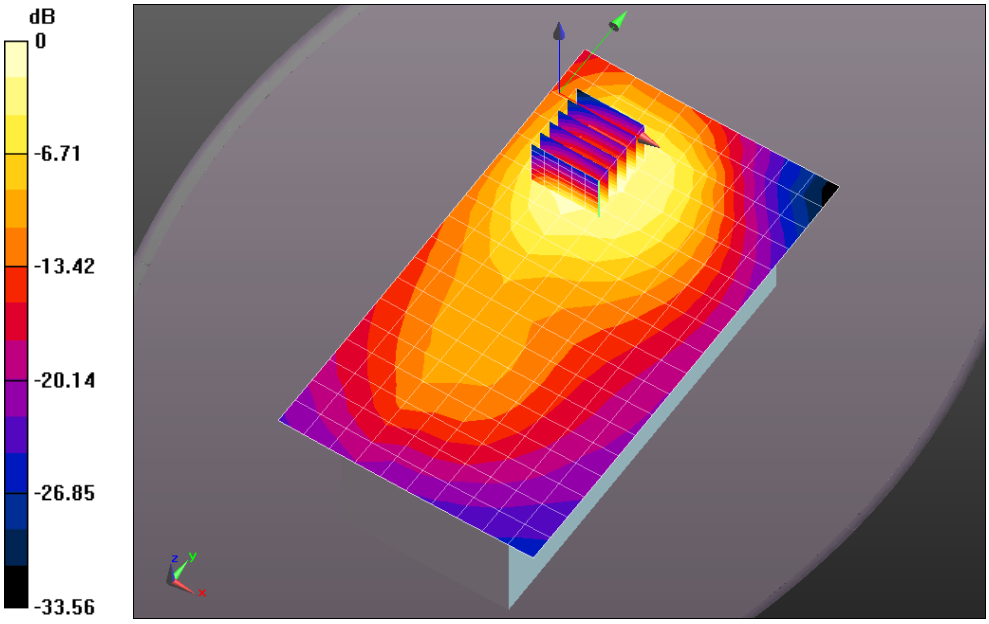
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2); Frequency: 837 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 53.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.3C; Medium Temperature: 21.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.27, 6.27, 6.27); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Flat-Section 0 mm retest 2/Back 0mm_3TS/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.58 mW/g

WC_Flat-Section 0 mm retest 2/Back 0mm_3TS/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 42.735 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 2.082 mW/g
SAR(1 g) = 1.48 mW/g; SAR(10 g) = 1.03 mW/g
Maximum value of SAR (measured) = 1.67 mW/g



0 dB = 1.58 mW/g = 4.00 dB mW/g

Plot 52

Date/Time: 7/24/2013 9:46:15 PM

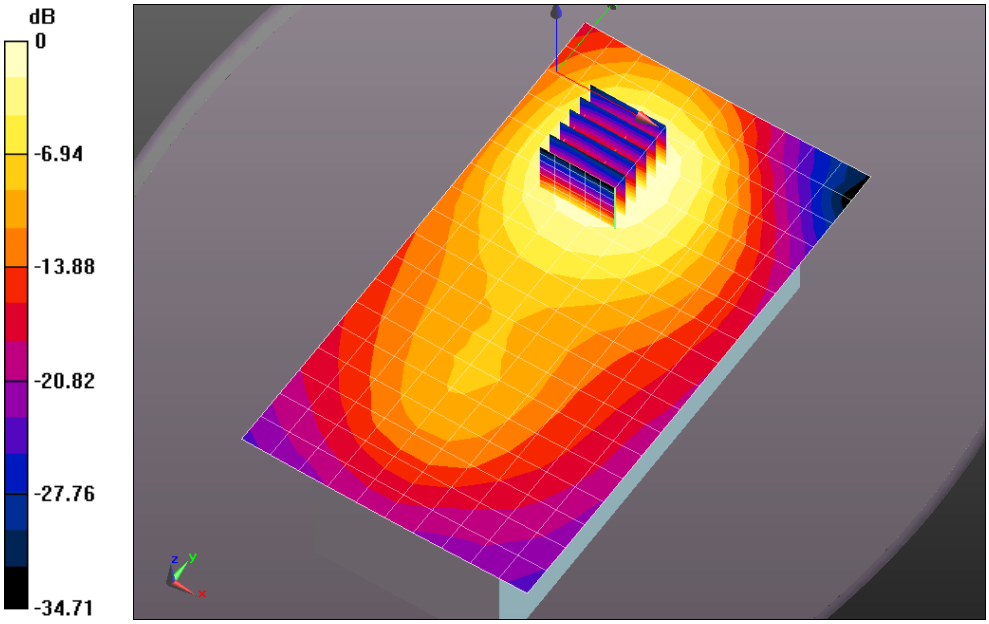
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 837 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 53.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.2C; Medium Temperature: 21.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.27, 6.27, 6.27); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Flat-Section 0 mm retest 2/Back 0mm_2TS/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.12 mW/g

WC_Flat-Section 0 mm retest 2/Back 0mm_2TS/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.123 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.382 mW/g
SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.689 mW/g
Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.12 mW/g = 1.00 dB mW/g

Plot 53

Date/Time: 8/21/2013 2:23:49 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.978 mho/m; ε_r = 53.292; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.9C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

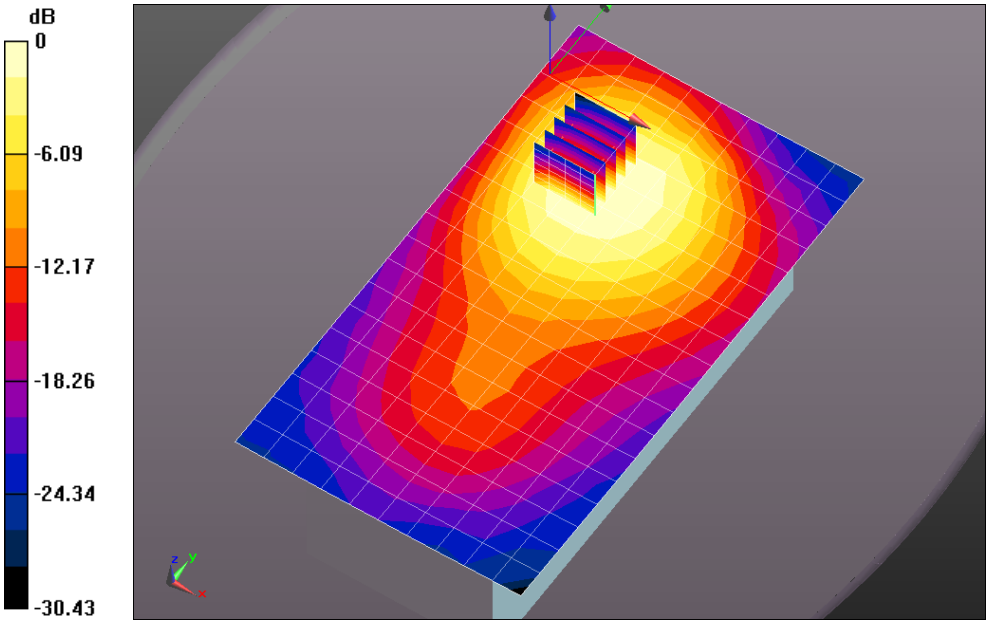
- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 0 mm_08-21-13/Back 0mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.399 mW/g

Flat-Section 0 mm_08-21-13/Back 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.716 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.507 mW/g
SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.245 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.401 mW/g



0 dB = 0.399 mW/g = -7.97 dB mW/g

Plot 54

Date/Time: 8/22/2013 8:14:58 AM

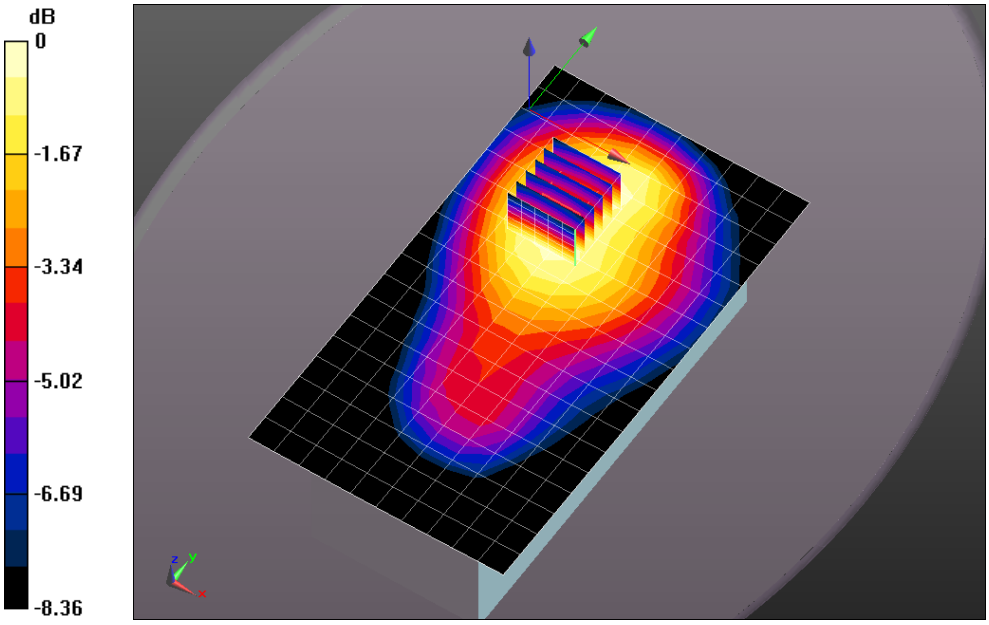
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.971 mho/m; ε_r = 52.865; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 21.3C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section_Laser_0mm_08-22-13/Back_0mm_4TS/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0387 mW/g

Flat-Section_Laser_0mm_08-22-13/Back_0mm_4TS/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.040 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.048 mW/g
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.0404 mW/g



0 dB = 0.0404 mW/g = -27.87 dB mW/g

Plot 55

Date/Time: 8/21/2013 11:47:38 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

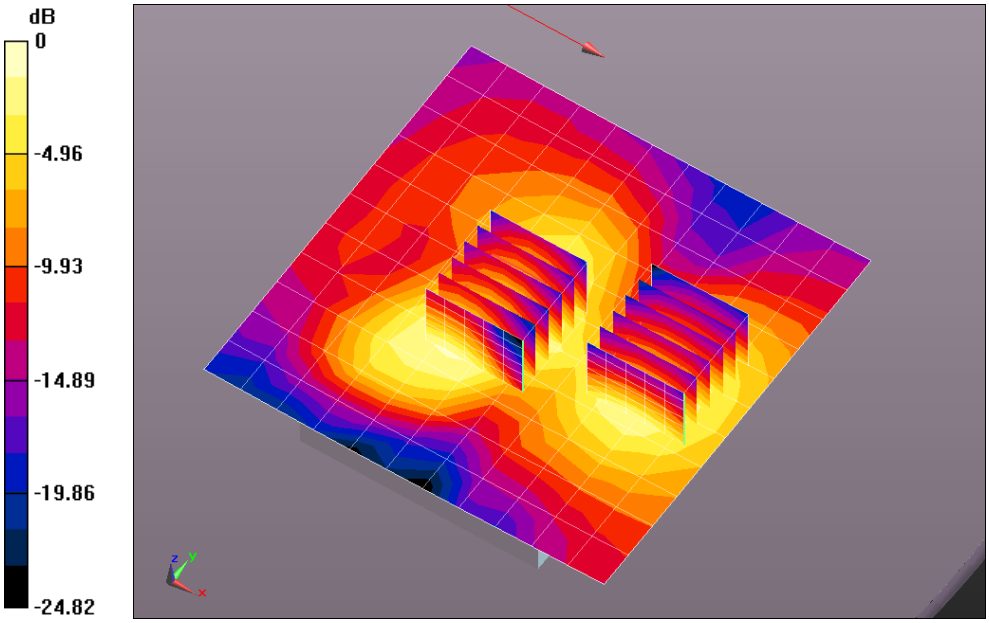
Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.529 mho/m; ε_r = 51.144; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.3C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 0 mm 4TS/Front 0mm/Area Scan (12x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.184 mW/g

Flat-Section 0 mm 4TS/Front 0mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.274 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.233 mW/g
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.102 mW/g

Flat-Section 0 mm 4TS/Front 0mm/Zoom Scan (6x6x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.274 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.188 mW/g
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.143 mW/g



0 dB = 0.184 mW/g = -14.69 dB mW/g

Plot 56

Date/Time: 8/21/2013 1:07:13 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

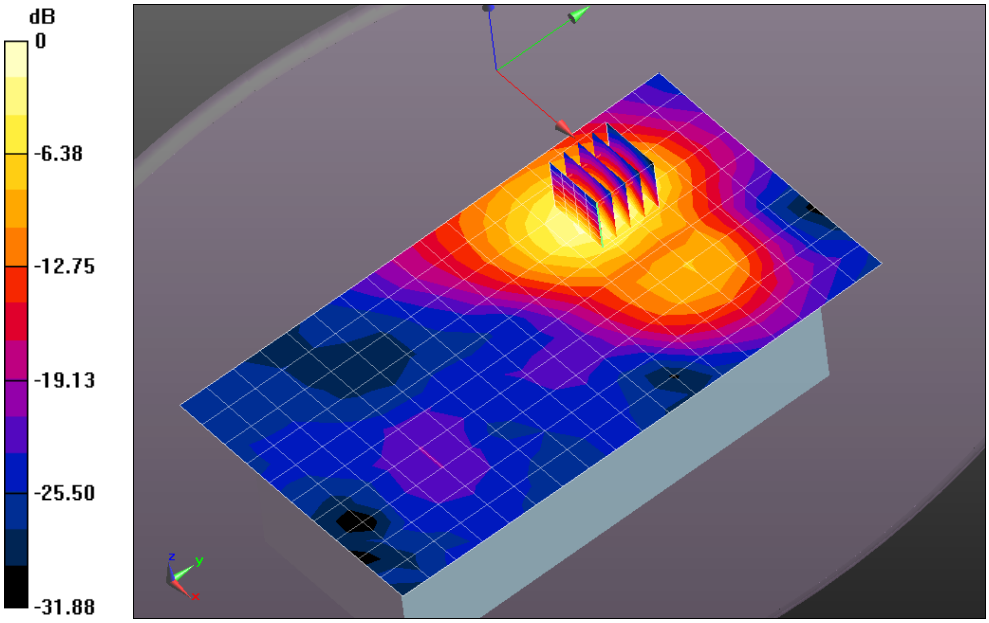
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.529 mho/m; ε_r = 51.144; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.4C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 0 mm 4TS/Back 0mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.884 mW/g

Flat-Section 0 mm 4TS/Back 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.639 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 1.261 mW/g
SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.936 mW/g



0 dB = 0.884 mW/g = -1.07 dB mW/g

Plot 57

Date/Time: 8/21/2013 2:10:53 PM

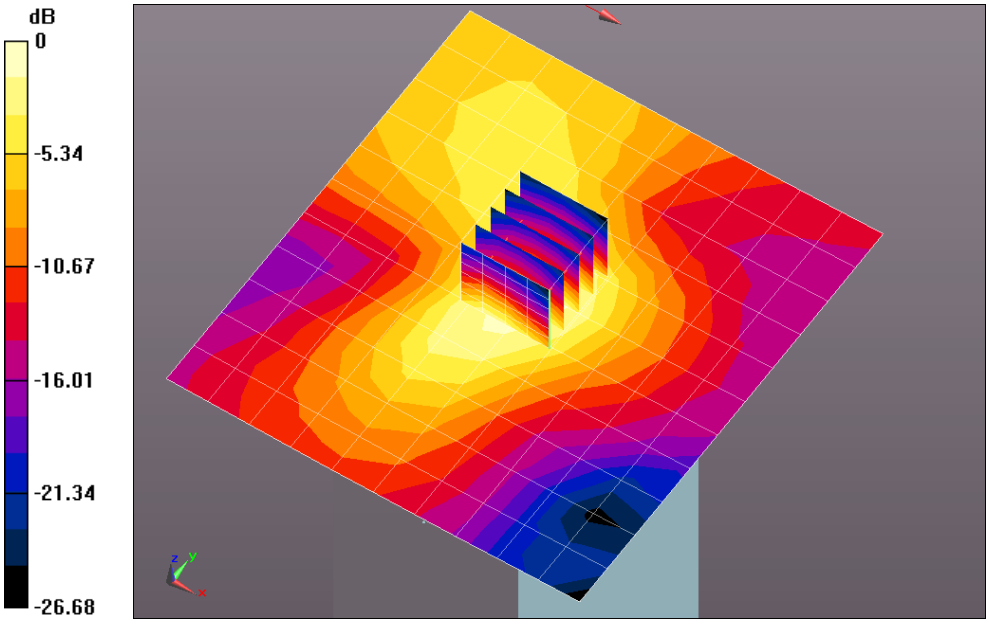
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.529 mho/m; ε_r = 51.144; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.6C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 0 mm 4TS/Top 0mm/Area Scan (11x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.244 mW/g

Flat-Section 0 mm 4TS/Top 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.209 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.324 mW/g
SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.241 mW/g



0 dB = 0.244 mW/g = -12.24 dB mW/g

Plot 58

Date/Time: 7/18/2013 3:50:14 PM

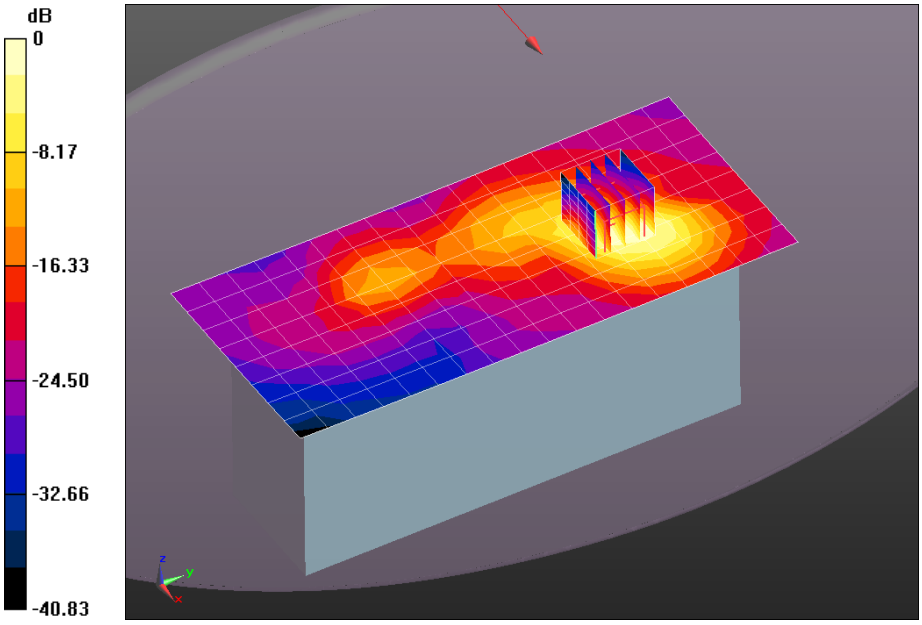
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.533 mho/m; ε_r = 52.035; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.6C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Right Edge 0 mm/Right Side 0mm 4 TS/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.37 mW/g

WC_Right Edge 0 mm/Right Side 0mm 4 TS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.658 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 4.139 mW/g
SAR(1 g) = 2.36 mW/g; SAR(10 g) = 1.26 mW/g
Maximum value of SAR (measured) = 2.96 mW/g



0 dB = 2.37 mW/g = 7.50 dB mW/g

Plot 59

Date/Time: 7/18/2013 3:22:20 PM

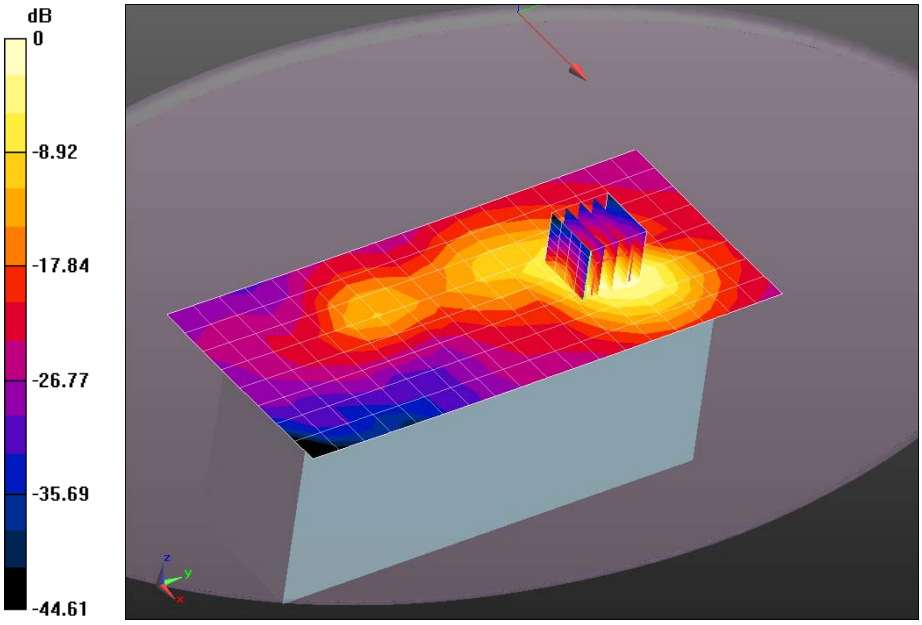
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.533 mho/m; ε_r = 52.035; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.5C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Right Edge 0 mm/Right Side 0mm 3 TS/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.05 mW/g

WC_Right Edge 0 mm/Right Side 0mm 3 TS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.437 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 3.176 mW/g
SAR(1 g) = 1.82 mW/g; SAR(10 g) = 0.973 mW/g
Maximum value of SAR (measured) = 2.28 mW/g



0 dB = 2.05 mW/g = 6.22 dB mW/g

Plot 60

Date/Time: 7/18/2013 8:00:33 AM

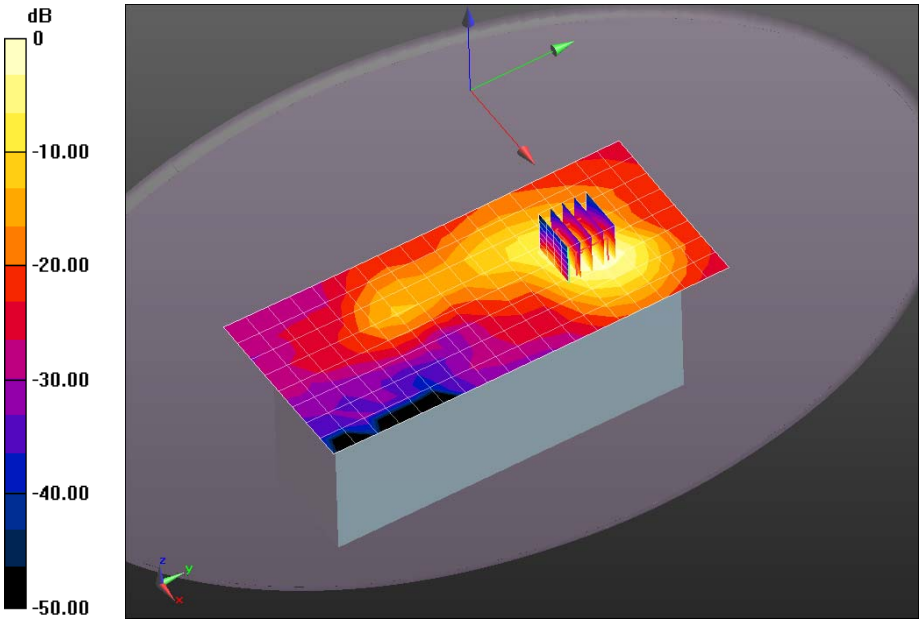
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.533 mho/m; ε_r = 52.035; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.1C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 0 mm/Right Side 0mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.35 mW/g

Flat-Section 0 mm/Right Side 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.167 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.597 mW/g
SAR(1 g) = 1.52 mW/g; SAR(10 g) = 0.823 mW/g
Maximum value of SAR (measured) = 1.89 mW/g



0 dB = 1.35 mW/g = 2.61 dB mW/g

Plot 61

Date/Time: 7/18/2013 2:52:33 PM

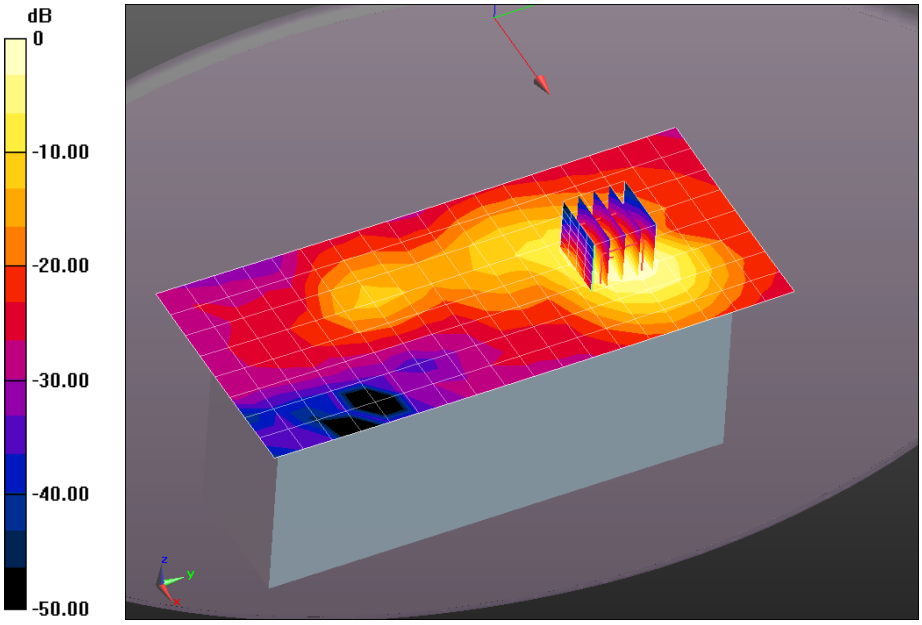
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.533 mho/m; ε_r = 52.035; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.6C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

WC_Right Edge 0 mm/Right Side 0mm 1 TS/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.816 mW/g

WC_Right Edge 0 mm/Right Side 0mm 1 TS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.070 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.347 mW/g
SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.418 mW/g
Maximum value of SAR (measured) = 0.969 mW/g



0 dB = 0.816 mW/g = -1.76 dB mW/g

Plot 62

Date/Time: 9/20/2013 11:58:05 AM

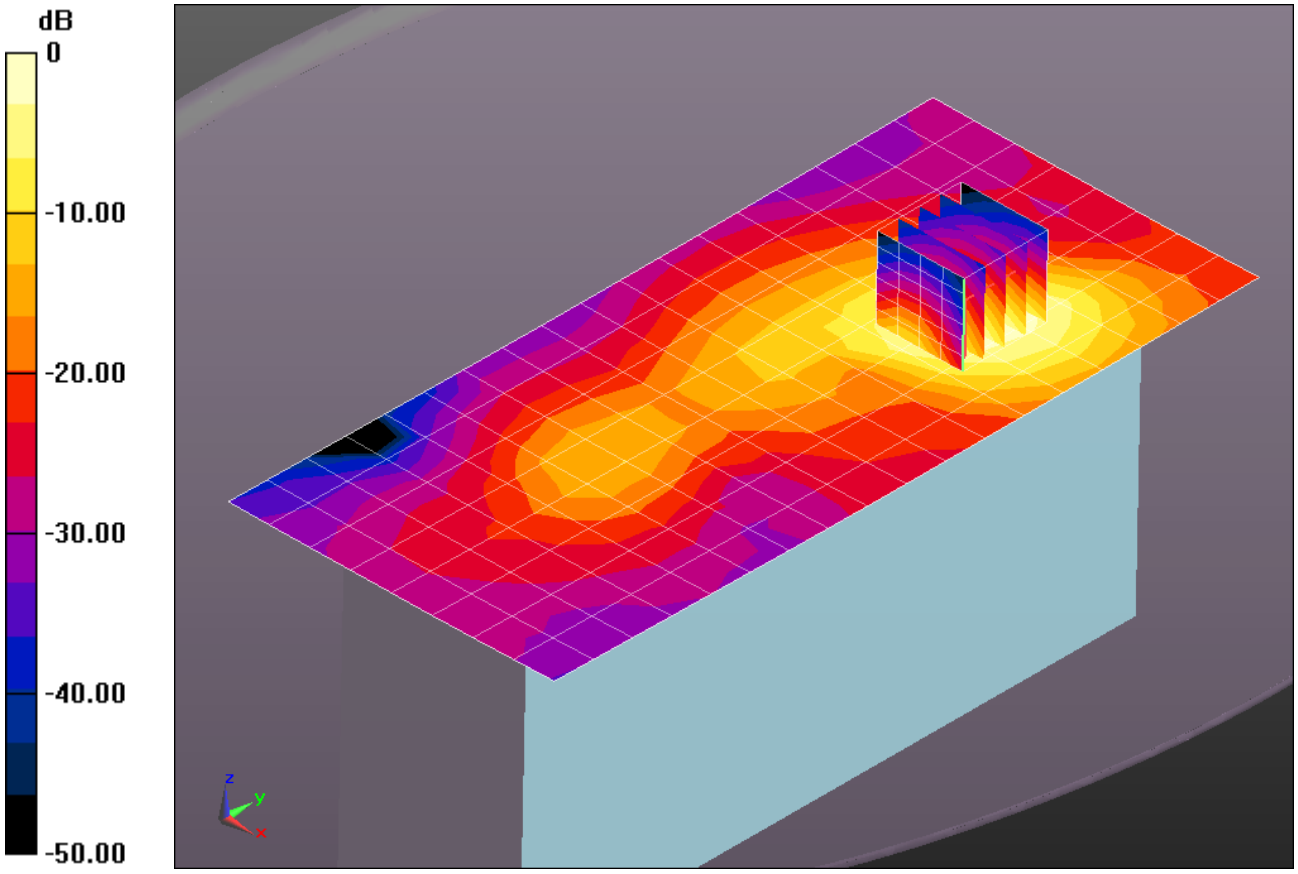
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.561 mho/m; ε_r = 51.736; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.5C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

WC_Right Edge 0 mm 09-30-2013/Right Side 0mm 4 TS_Laser/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.72 mW/g

WC_Right Edge 0 mm 09-30-2013/Right Side 0mm 4 TS_Laser/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.428 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.601 mW/g
SAR(1 g) = 2.18 mW/g; SAR(10 g) = 1.2 mW/g
Maximum value of SAR (measured) = 2.66 mW/g



0 dB = 2.72 mW/g = 8.70 dB mW/g

Plot 63

Date/Time: 7/17/2013 5:26:55 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

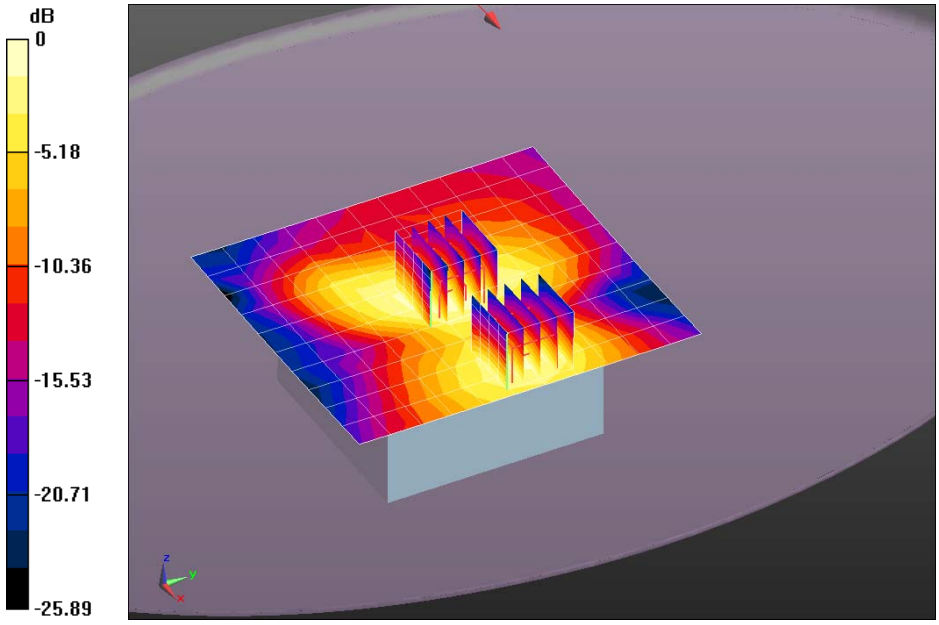
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.523 mho/m; ε_r = 52.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.8C; Medium Temperature: 22.1C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 0 mm/Front 0mm/Area Scan (11x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.249 mW/g

Flat-Section 0 mm/Front 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.744 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.327 mW/g
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.254 mW/g

Flat-Section 0 mm/Front 0mm/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.744 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.230 mW/g
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.174 mW/g



0 dB = 0.249 mW/g = -12.09 dB mW/g

Plot 64

Date/Time: 7/17/2013 4:20:10 PM

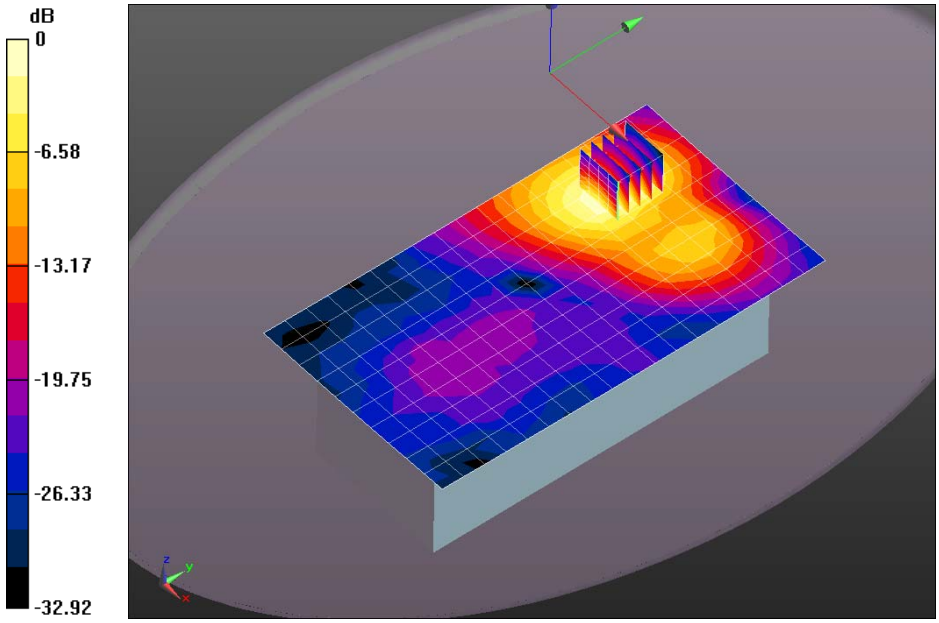
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.523 mho/m; ε_r = 52.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Air Temperature: 22.7; Medium Temperature: 22.1; Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 0 mm/Back 0mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.875 mW/g

Flat-Section 0 mm/Back 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.520 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.531 mW/g
SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.538 mW/g
Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 0.875 mW/g = -1.16 dB mW/g

Plot 65

Date/Time: 7/17/2013 6:05:02 PM

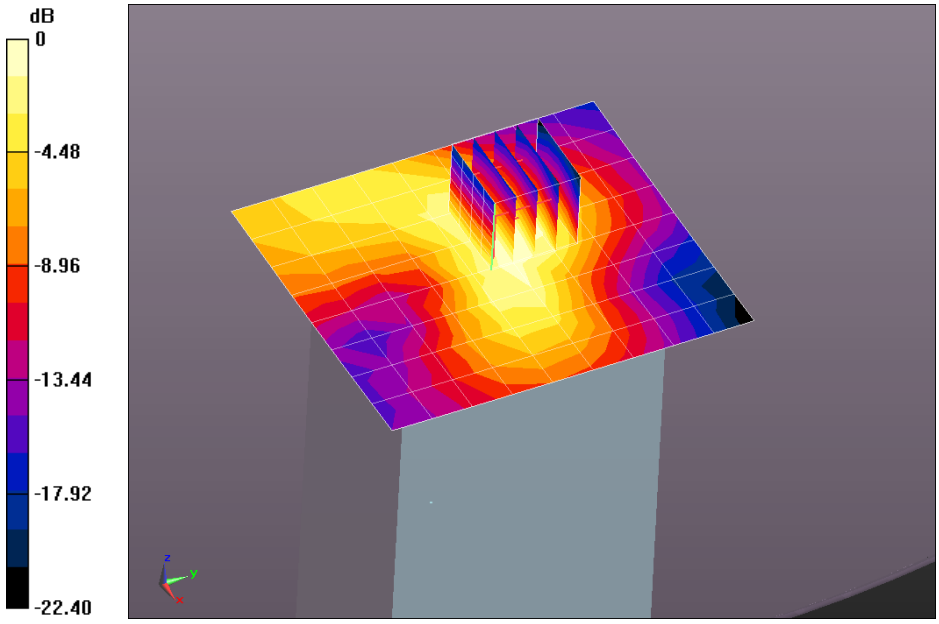
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.523 mho/m; ε_r = 52.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 22.1C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 0 mm/Top 0mm/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.213 mW/g

Flat-Section 0 mm/Top 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.645 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.285 mW/g
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.113 mW/g
Maximum value of SAR (measured) = 0.215 mW/g



0 dB = 0.213 mW/g = -13.42 dB mW/g

Plot 66

Date/Time: 7/17/2013 3:07:26 PM

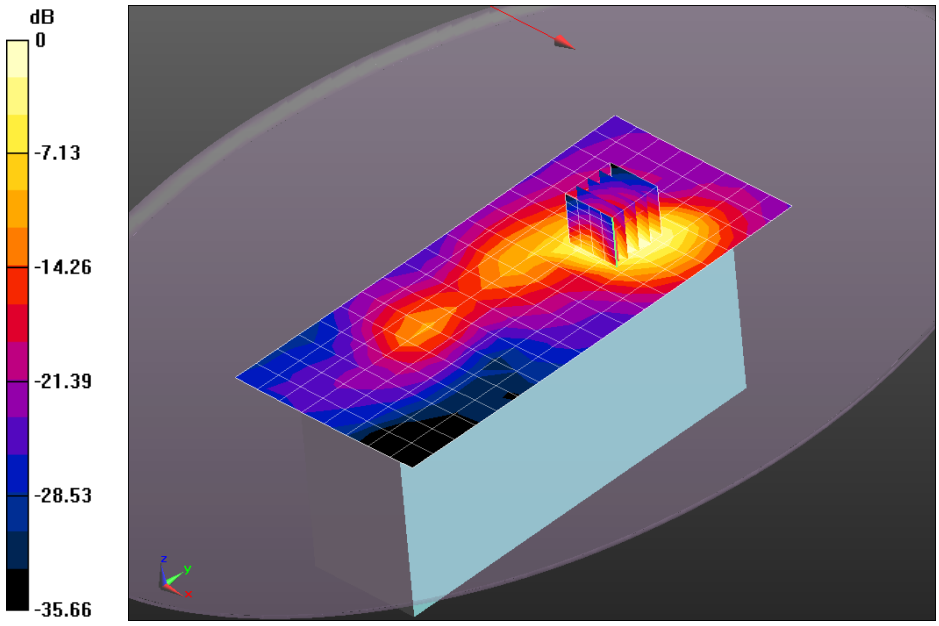
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.523 mho/m; ε_r = 52.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Air Temperature: 22.6; Medium Temperature: 22.1; Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 0 mm/Right Side 0mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.32 mW/g

Flat-Section 0 mm/Right Side 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.451 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.792 mW/g
SAR(1 g) = 2.22 mW/g; SAR(10 g) = 1.2 mW/g
Maximum value of SAR (measured) = 2.76 mW/g



0 dB = 2.32 mW/g = 7.30 dB mW/g

Plot 67

Date/Time: 9/20/2013 2:21:12 PM

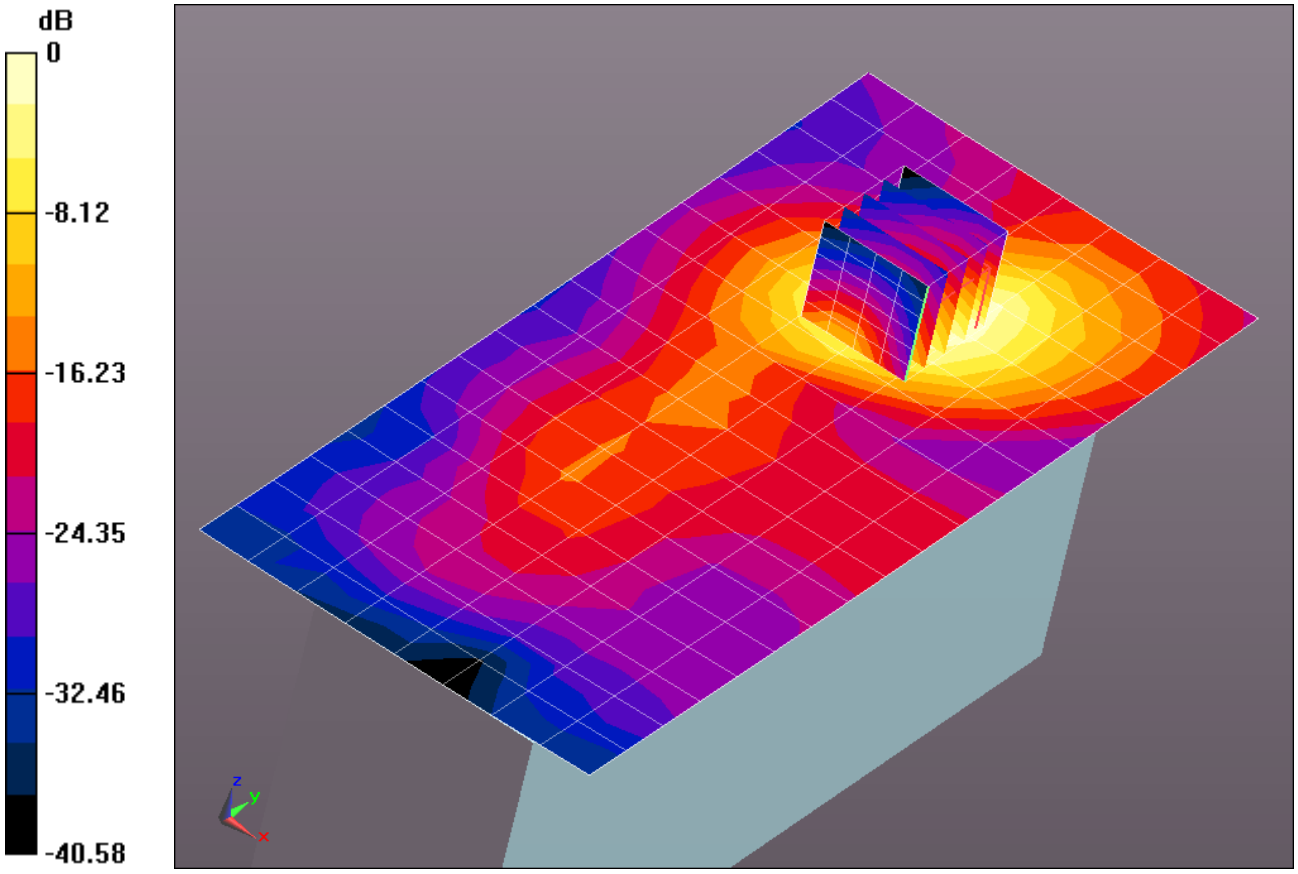
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.561 mho/m; ε_r = 51.736; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: john; Air Temperature: 22.4C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 0 mm_Worst Case with Laser 09-30-13/Right Side 0mm_1880MHz_Laser/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.54 mW/g

Flat-Section 0 mm_Worst Case with Laser 09-30-13/Right Side 0mm_1880MHz_Laser/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.752 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 3.805 mW/g
SAR(1 g) = 2.22 mW/g; SAR(10 g) = 1.23 mW/g
Maximum value of SAR (measured) = 2.77 mW/g



0 dB = 2.54 mW/g = 8.09 dB mW/g

Plot 68

Date/Time: 7/23/2013 4:50:04 PM

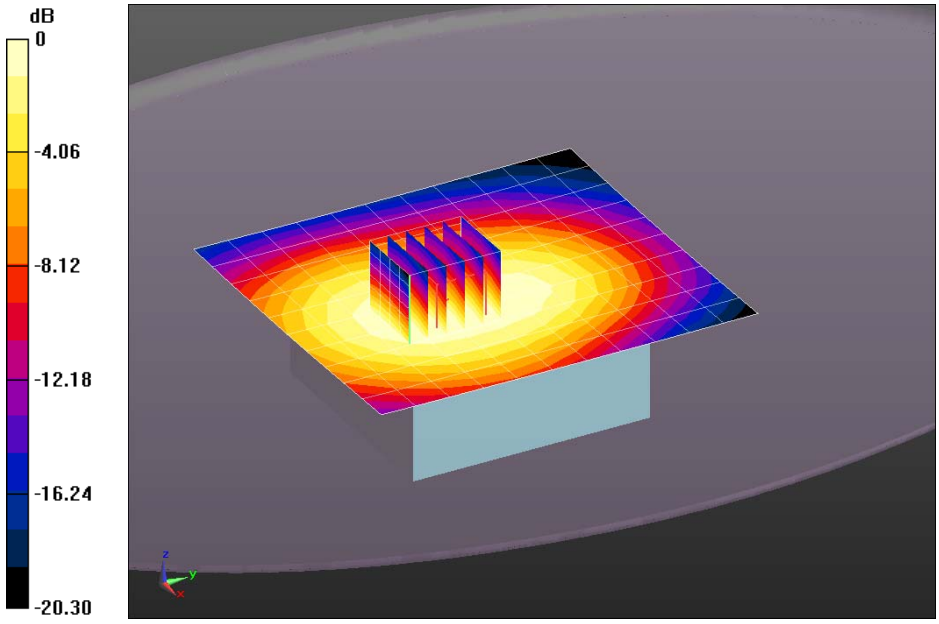
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.006 mho/m; ε_r = 53.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John R; Air Temperature: 22.3C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 0mm/Front 0mm/Area Scan (11x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.261 mW/g

Flat-Section 0mm/Front 0mm/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.477 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.298 mW/g
SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.259 mW/g



0 dB = 0.261 mW/g = -11.67 dB mW/g

Plot 69

Date/Time: 7/23/2013 6:25:38 PM

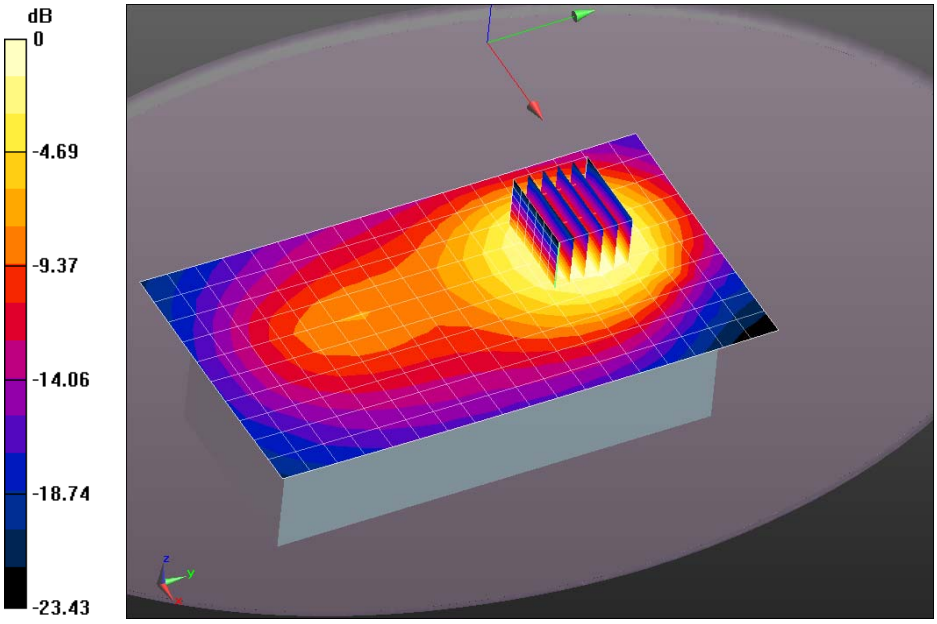
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.006 mho/m; ε_r = 53.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John R; Air Temperature: 22.5C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 0mm/Back 0mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.446 mW/g

Flat-Section 0mm/Back 0mm/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.069 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.544 mW/g
SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 0.443 mW/g



0 dB = 0.446 mW/g = -7.01 dB mW/g

Plot 70

Date/Time: 7/23/2013 5:16:19 PM

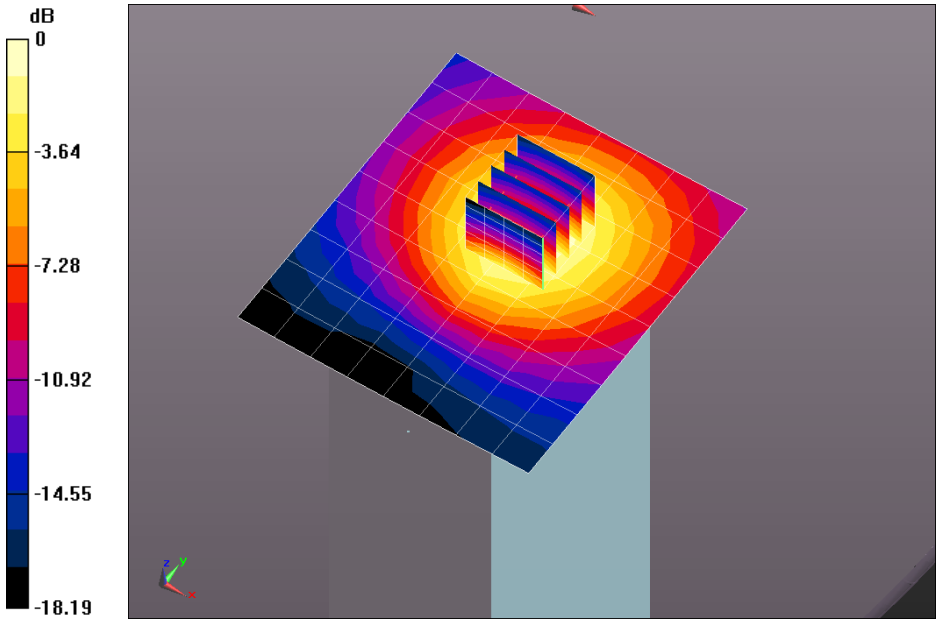
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.006 mho/m; ε_r = 53.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John R; Air Temperature: 22.3C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 0mm/Top 0mm/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.233 mW/g

Flat-Section 0mm/Top 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.716 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.300 mW/g
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.233 mW/g = -12.67 dB mW/g

Plot 71

Date/Time: 7/23/2013 5:56:17 PM

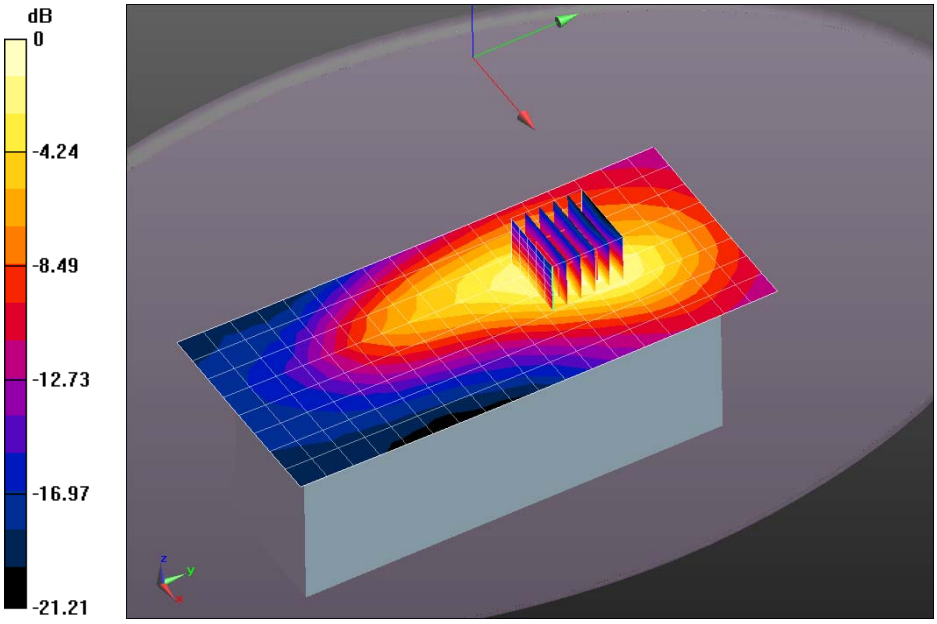
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.006 mho/m; ε_r = 53.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John R; Air Temperature: 22.5C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 0mm/Right Side 0mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.376 mW/g

Flat-Section 0mm/Right Side 0mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.691 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.665 mW/g
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.404 mW/g



0 dB = 0.376 mW/g = -8.49 dB mW/g

Plot 72

Date/Time: 7/23/2013 7:09:16 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

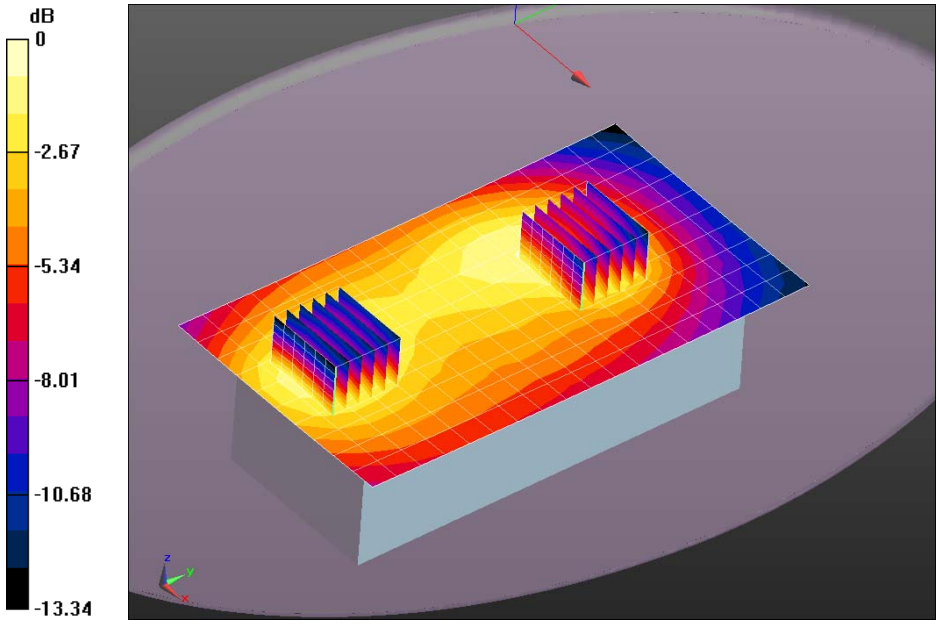
Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 837 MHz; σ = 1.006 mho/m; ε_r = 53.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 21.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 0mm Worst Case with Laser/Back 0mm_Lazer/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0662 mW/g

Flat-Section 0mm Worst Case with Laser/Back 0mm_Lazer/Zoom Scan (7x6x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.279 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.080 mW/g
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.0682 mW/g

Flat-Section 0mm Worst Case with Laser/Back 0mm_Lazer/Zoom Scan (7x6x7)/Cube 1:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.279 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.065 mW/g
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.0556 mW/g



0 dB = 0.0662 mW/g = -23.58 dB mW/g

Plot 73

Date/Time: 8/20/2013 10:05:21 AM

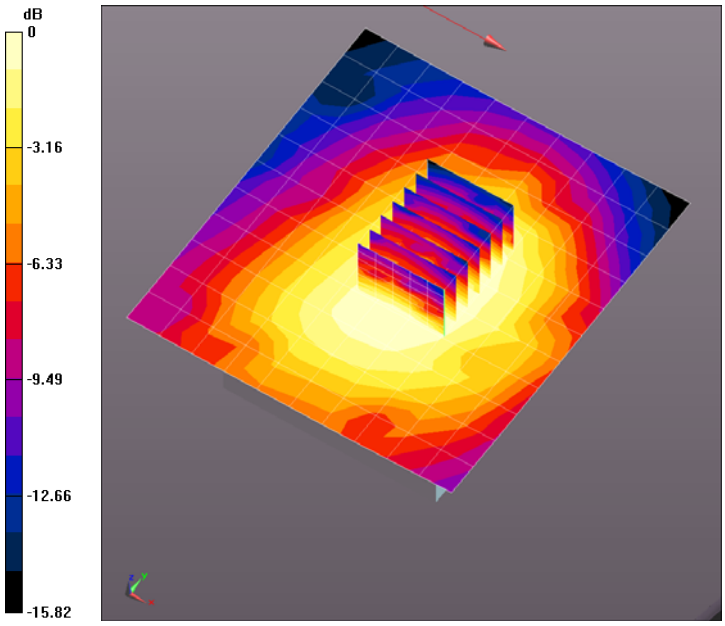
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 836.52 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 52.973; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.2C; Medium Temperature: 20.5C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 0 mm/Front 0mm/Area Scan (11x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.141 mW/g

Flat-Section 0 mm/Front 0mm/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.748 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.174 mW/g
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.096 mW/g



0 dB = 0.141 mW/g = -17.03 dB mW/g

Plot 74

Date/Time: 8/19/2013 10:56:27 PM

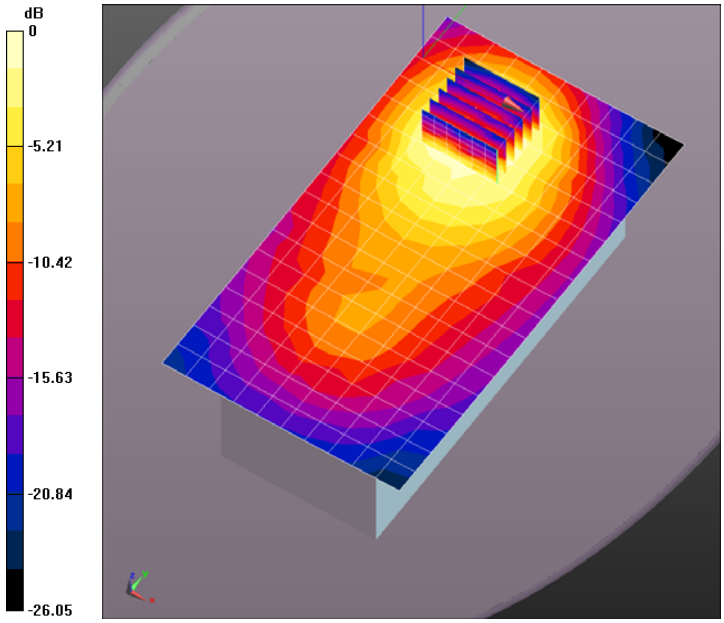
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 836.52 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 52.973; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:Andy ; Air Temperature: 21.9C; Medium Temperature: 20.2C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 0 mm/Back 0mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.465 mW/g

Flat-Section 0 mm/Back 0mm/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.278 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.665 mW/g
SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.462 mW/g



0 dB = 0.465 mW/g = -6.65 dB mW/g

Plot 75

Date/Time: 9/10/2013 10:42:12 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 836.52 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 1.003 mho/m; ε_r = 53.409; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 21.7C; Medium Temperature: 21C;
Comments: ;
DASY Configuration:

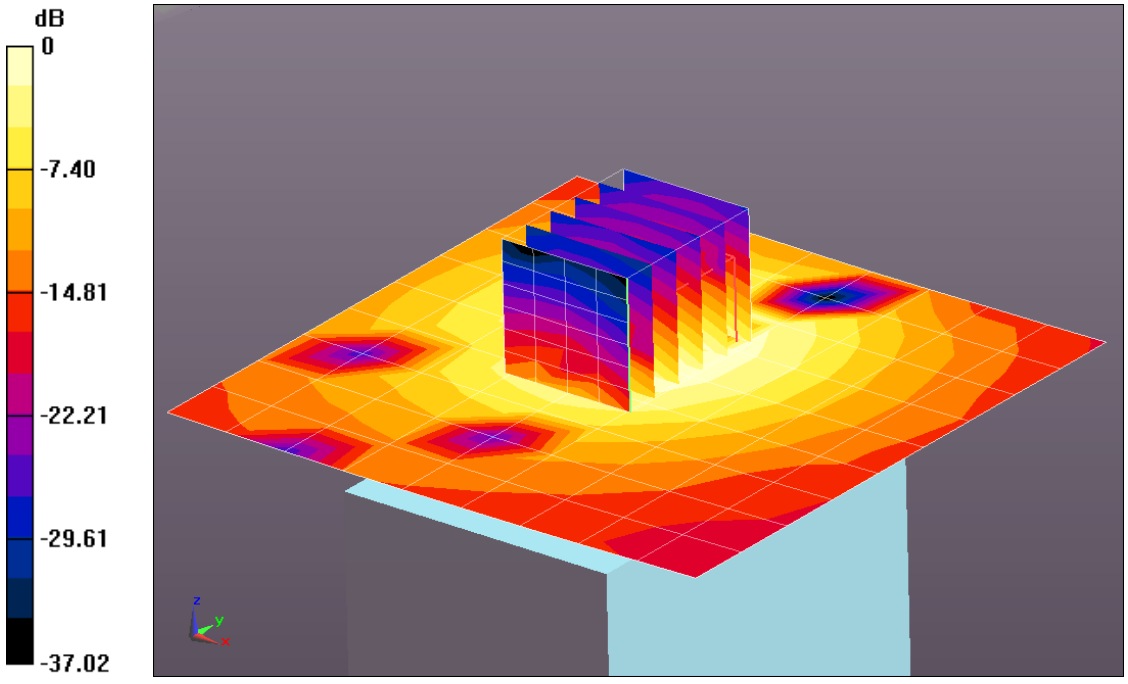
- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 0mm_Top Retest/Top 0mm/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.170 mW/g

Flat-Section 0mm_Top Retest/Top 0mm/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.309 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.221 mW/g
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.107 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.181 mW/g



0 dB = 0.170 mW/g = -15.37 dB mW/g

Plot 76

Date/Time: 8/19/2013 9:52:06 PM

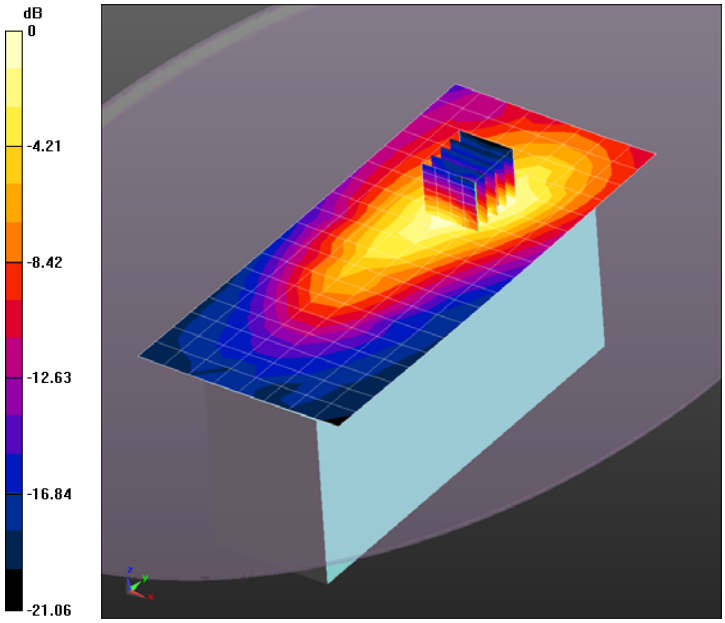
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 836.52 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 52.973; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.8; Medium Temperature: 20.2C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 0 mm/Right Side 0mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.311 mW/g

Flat-Section 0 mm/Right Side 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.305 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.573 mW/g
SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.367 mW/g



0 dB = 0.311 mW/g = -10.15 dB mW/g

Plot 77

Date/Time: 8/20/2013 3:23:37 PM

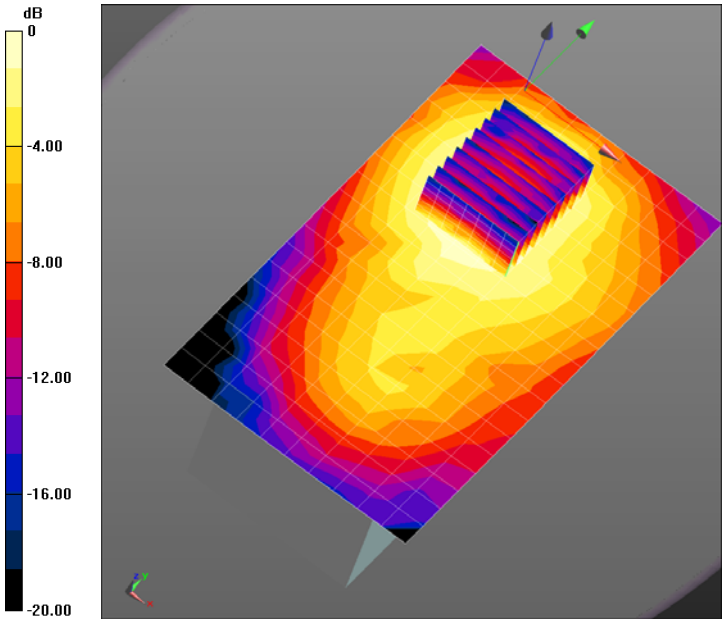
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 836.52 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 1.009 mho/m; ε_r = 52.973; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.1C; Medium Temperature: 20.5C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section 0 mm with laser/Back 0mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0329 mW/g

Flat-Section 0 mm with laser/Back 0mm/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.266 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.047 mW/g
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.022 mW/g



0 dB = 0.0329 mW/g = -29.66 dB mW/g

Plot 78

Date/Time: 8/23/2013 11:17:06 AM

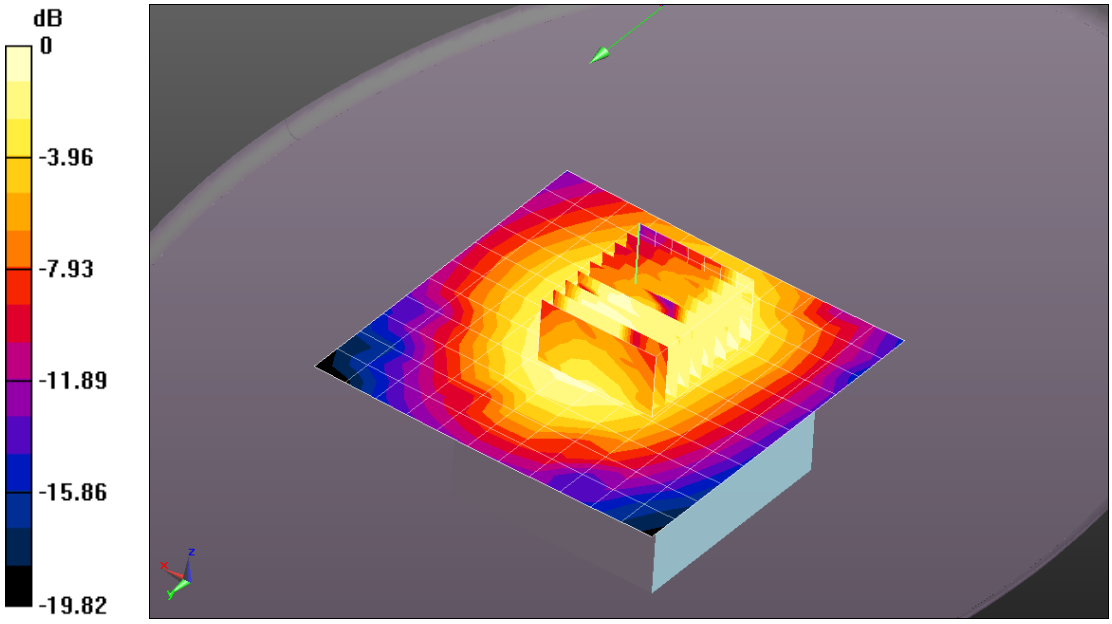
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.564 mho/m; ε_r = 51.815; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.2C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_0mm_8-23/Front 0mm/Area Scan (12x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.616 mW/g

Flat-Section_0mm_8-23/Front 0mm/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.864 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.865 mW/g
SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.447 mW/g
Maximum value of SAR (measured) = 0.589 mW/g



0 dB = 0.616 mW/g = -4.20 dB mW/g

Plot 79

Date/Time: 8/20/2013 3:53:10 PM

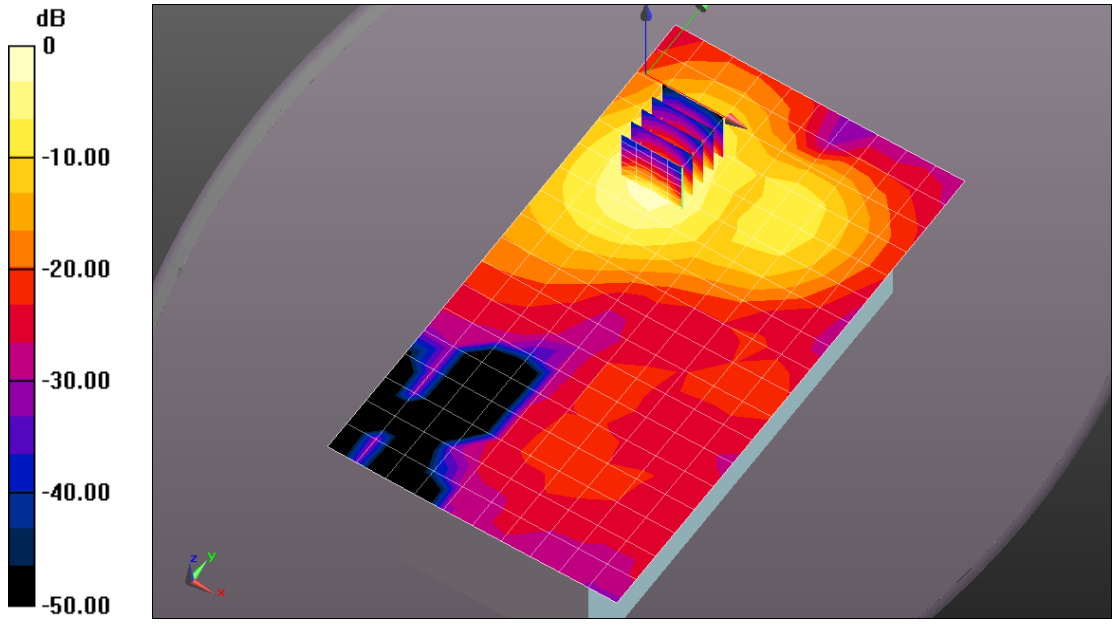
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.543 mho/m; ε_r = 51.18; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.7C; Medium Temperature: 21.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 0 mm_2/Back 0mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.742 mW/g

Flat-Section 0 mm_2/Back 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.310 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.189 mW/g
SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.369 mW/g
Maximum value of SAR (measured) = 0.790 mW/g



0 dB = 0.742 mW/g = -2.59 dB mW/g

Plot 80

Date/Time: 8/22/2013 12:36:41 PM

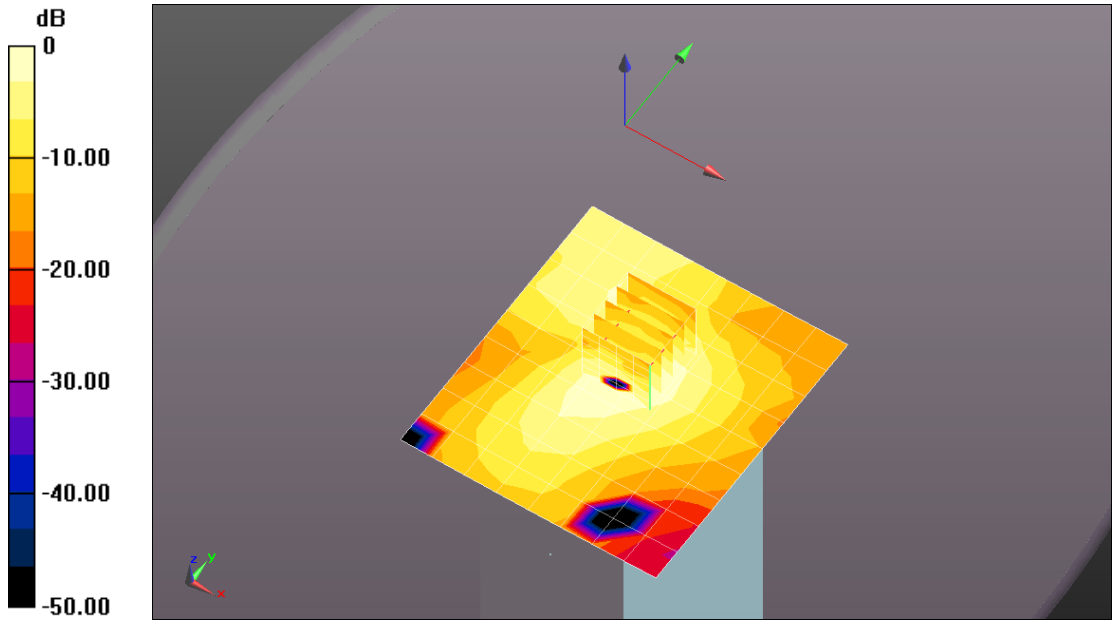
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.524 mho/m; ε_r = 51.697; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.3C; Medium Temperature: 21.5C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_0mm_8-22/Top Edge 0mm 2/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.209 mW/g

Flat-Section_0mm_8-22/Top Edge 0mm 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.029 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.418 mW/g
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.209 mW/g = -13.58 dB mW/g

Plot 81

Date/Time: 8/20/2013 2:48:18 PM

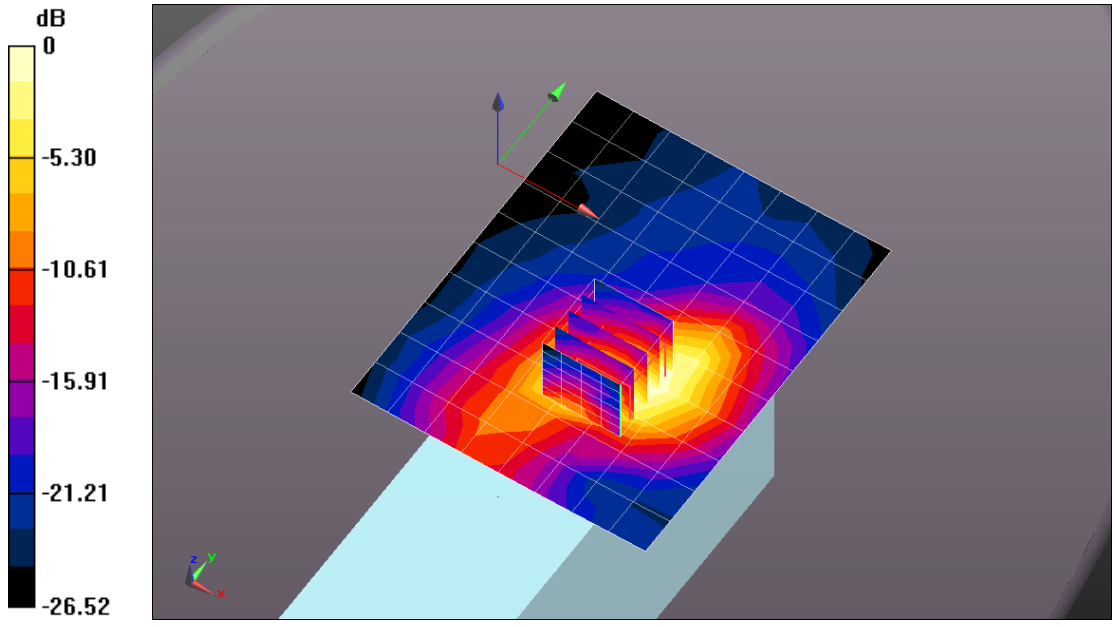
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414830

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.543 mho/m; ε_r = 51.18; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.3C; Medium Temperature: 21.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 0 mm_2/Right Side 0mm/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.92 mW/g

Flat-Section 0 mm_2/Right Side 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.114 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 3.548 mW/g
SAR(1 g) = 1.99 mW/g; SAR(10 g) = 1.05 mW/g
Maximum value of SAR (measured) = 2.47 mW/g



0 dB = 1.92 mW/g = 5.66 dB mW/g

Plot 82

Date/Time: 8/23/2013 2:29:53 PM

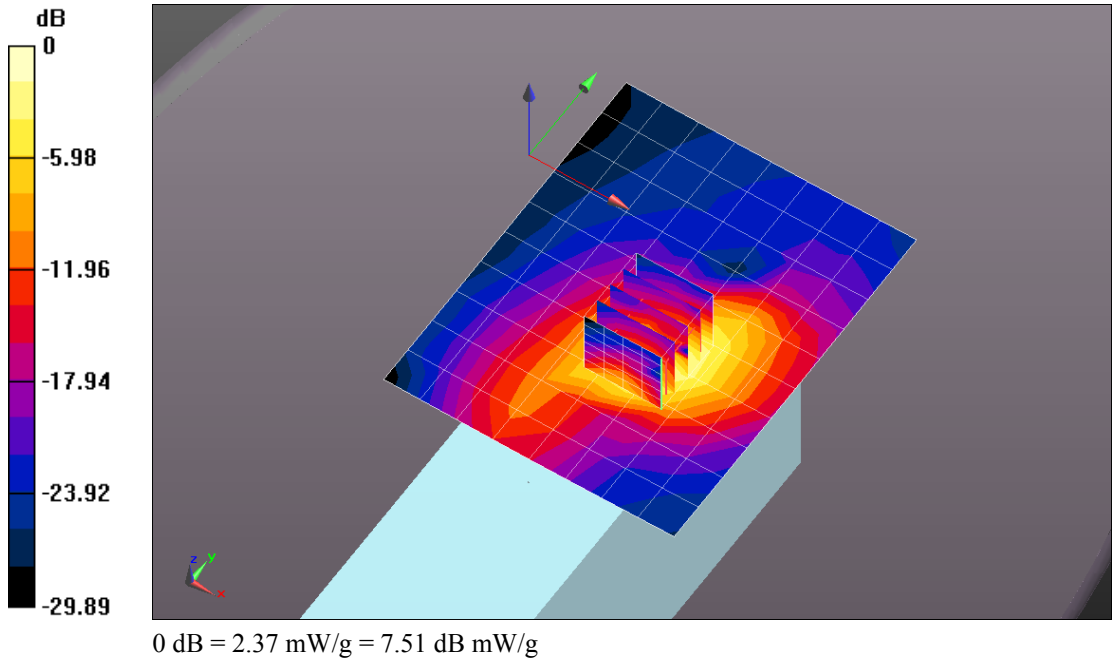
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: CDMA2000 (1xEV-DO, 153.6 kbps); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.564 mho/m; ε_r = 51.815; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.2C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_WC_Laser_8-23/Right Side_0mm/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.37 mW/g

Flat-Section_WC_Laser_8-23/Right Side_0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.446 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 4.253 mW/g
SAR(1 g) = 1.93 mW/g; SAR(10 g) = 0.980 mW/g
Maximum value of SAR (measured) = 2.48 mW/g



0 dB = 2.37 mW/g = 7.51 dB mW/g

Plot 83

Date/Time: 7/24/2013 2:55:25 PM

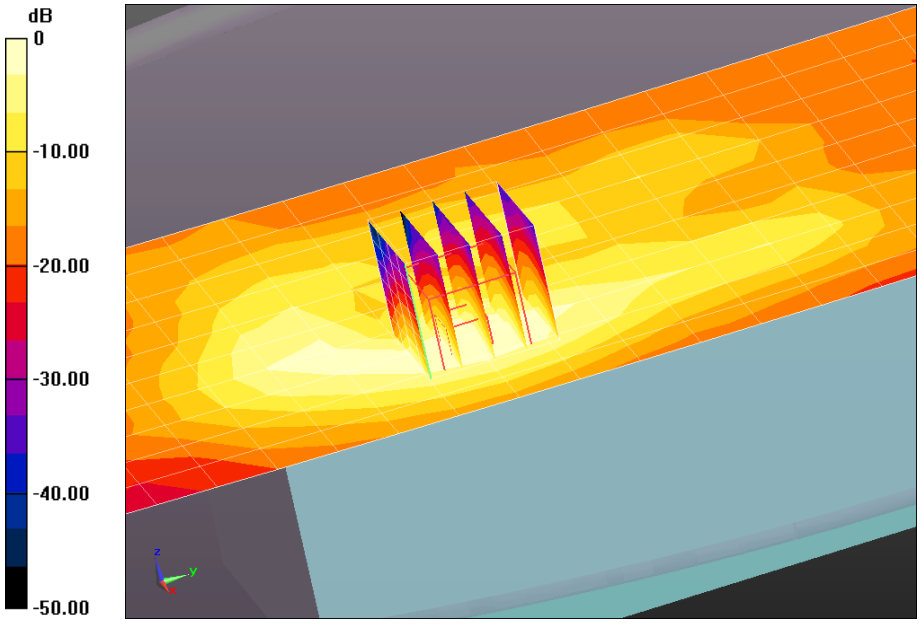
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 100824-5
Medium parameters used: f = 2437 MHz; σ = 1.971 mho/m; ε_r = 50.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny & Mike; Air Temperature: 22.3C; Medium Temperature: 22.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.38, 4.38, 4.38); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 0 mm/Front 0mm/Area Scan (11x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.172 mW/g

Flat-Section 0 mm/Front 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.884 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.282 mW/g
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.170 mW/g



0 dB = 0.172 mW/g = -15.30 dB mW/g

Plot 84

Date/Time: 7/24/2013 4:58:17 PM

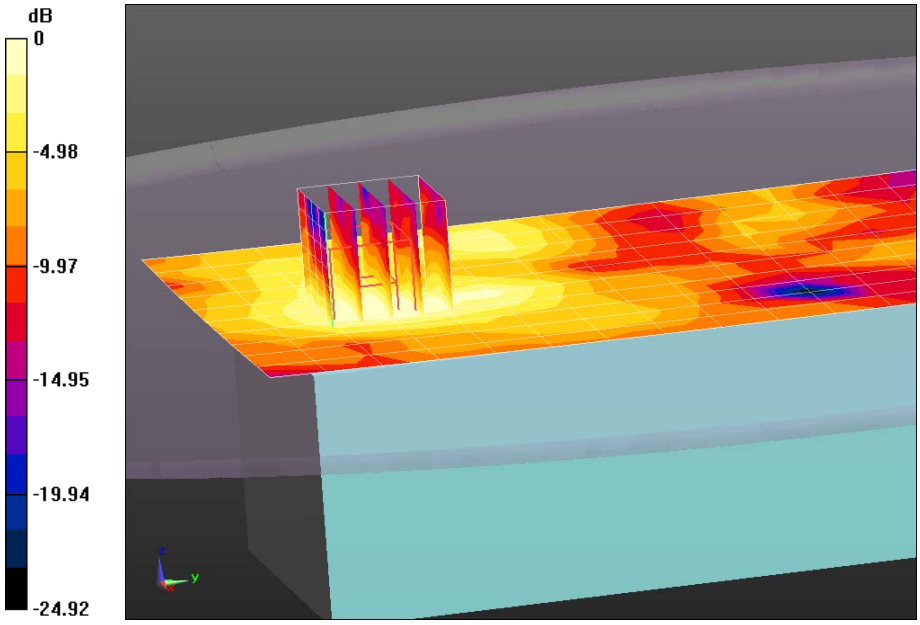
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 100824-5
Medium parameters used: f = 2437 MHz; σ = 1.971 mho/m; ε_r = 50.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature:22.7 C; Medium Temperature: 22.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.38, 4.38, 4.38); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm/Back 0mm/Area Scan (11x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0133 mW/g

Flat-Section 10 mm/Back 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.519 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.022 mW/g
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00686 mW/g
Maximum value of SAR (measured) = 0.0140 mW/g



0 dB = 0.0133 mW/g = -37.55 dB mW/g

Plot 85

Date/Time: 7/24/2013 5:29:48 PM

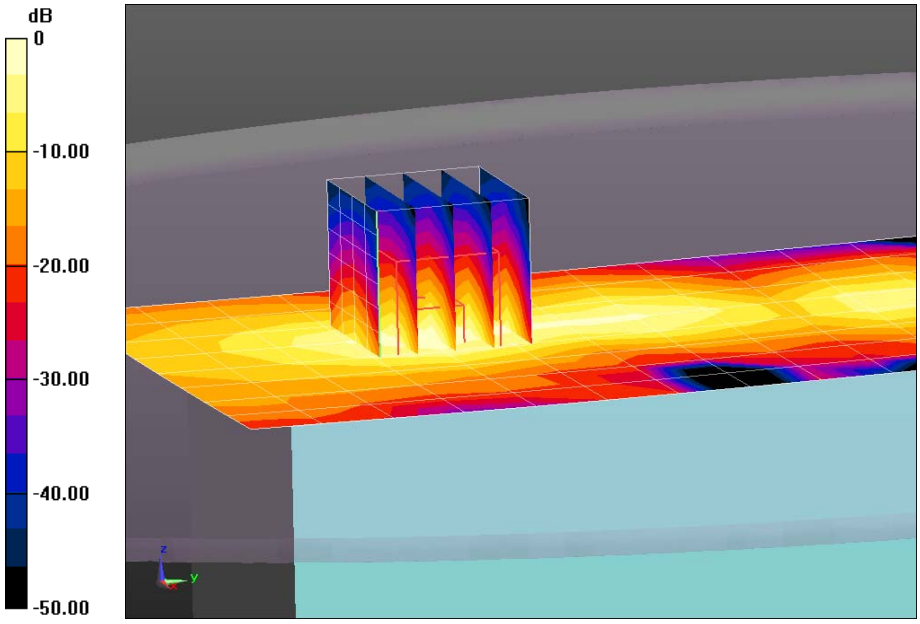
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 100824-5
Medium parameters used: f = 2437 MHz; σ = 1.971 mho/m; ε_r = 50.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature:22.8 C; Medium Temperature: 22.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.38, 4.38, 4.38); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm/Right Side 0mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.240 mW/g

Flat-Section 10 mm/Right Side 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.249 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.443 mW/g
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.271 mW/g



0 dB = 0.240 mW/g = -12.39 dB mW/g

Plot 86

Date/Time: 7/24/2013 7:05:28 PM

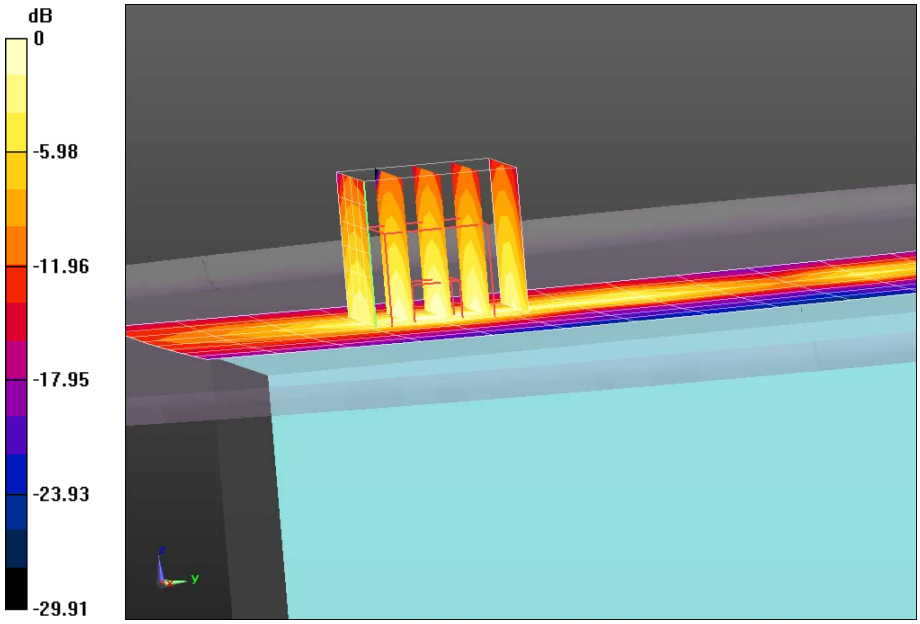
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Geo7X; Type: Mobile Computer; Serial: 5315414839

Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 100824-5
Medium parameters used: f = 2437 MHz; σ = 1.971 mho/m; ε_r = 50.349; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature:22.6C; Medium Temperature: 22.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.38, 4.38, 4.38); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 10 mm/WC_With Laser_Right Side 0mm/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.258 mW/g

Flat-Section 10 mm/WC_With Laser_Right Side 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.885 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.458 mW/g
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.274 mW/g



0 dB = 0.258 mW/g = -11.76 dB mW/g

Plot 87

Date/Time: 7/22/2013 2:13:40 PM

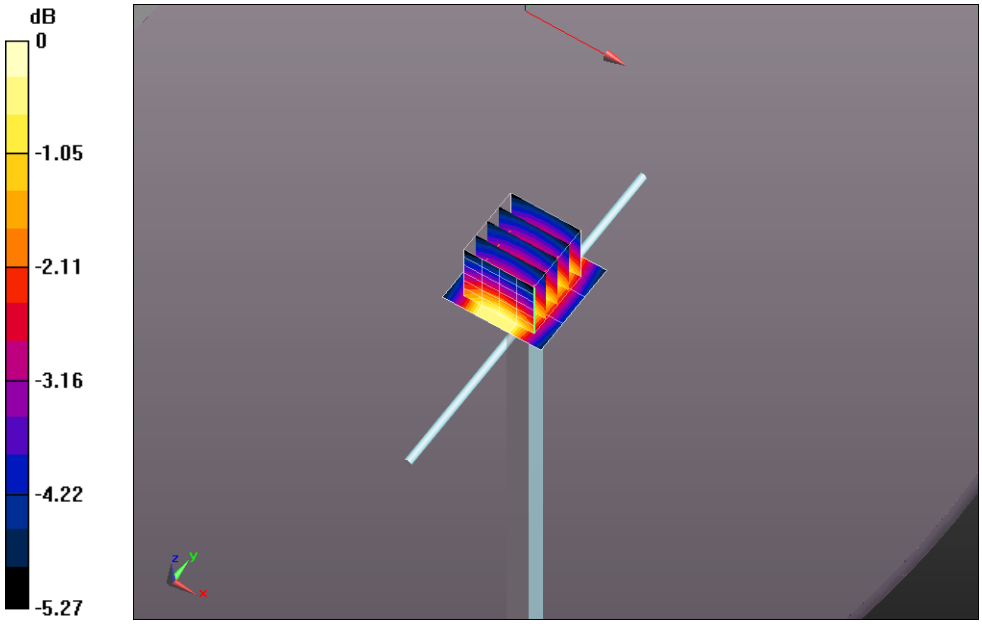
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 835 MHz; σ = 0.998 mho/m; ε_r = 52.919; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John R; Air Temperature: 21.6; Medium Temperature: 21.5; Comments:
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 9.45 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 109.5 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 13.891 mW/g
SAR(1 g) = 9.53 mW/g; SAR(10 g) = 6.3 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 11.1 mW/g



0 dB = 9.45 mW/g = 19.51 dB mW/g

Plot 88

Date/Time: 7/23/2013 6:57:19 AM

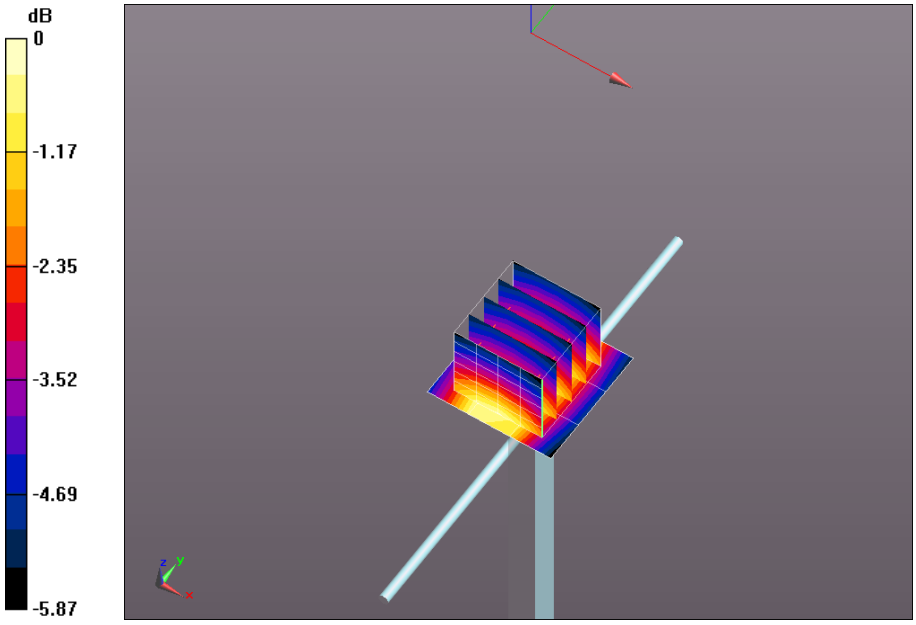
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 835 MHz; σ = 1.002 mho/m; ε_r = 53.319; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7; Medium Temperature: 21.7; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.96 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 109.8 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 14.023 mW/g
SAR(1 g) = 9.63 mW/g; SAR(10 g) = 6.36 mW/g
Maximum value of SAR (measured) = 11.2 mW/g



0 dB = 9.96 mW/g = 19.96 dB mW/g

Plot 89

Date/Time: 7/24/2013 5:09:59 PM

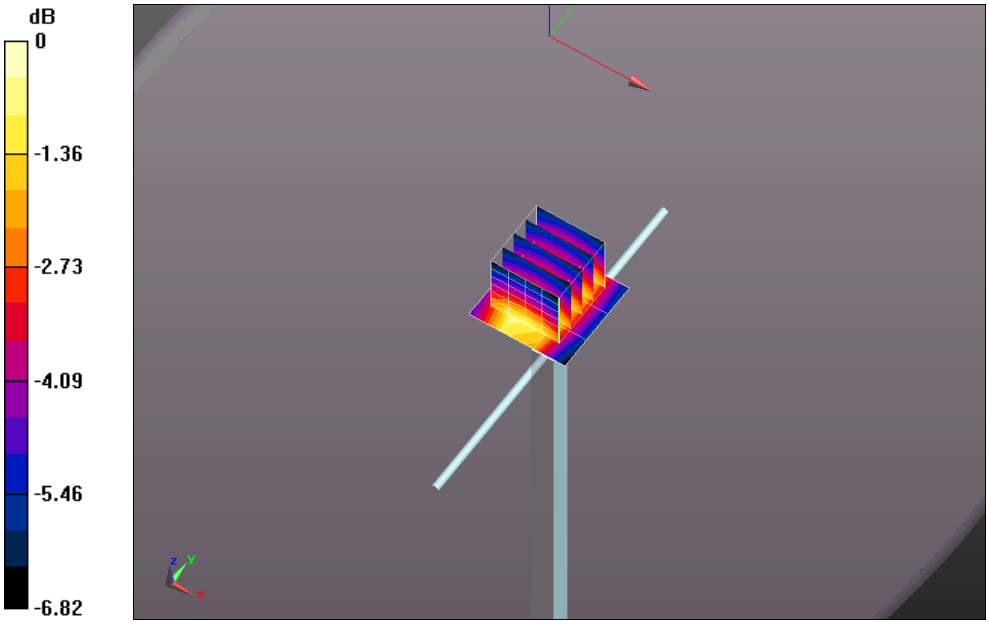
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used: f = 835 MHz; σ = 1.007 mho/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy ; Air Temperature: 22.3C; Medium Temperature: 21.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.27, 6.27, 6.27); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.8 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 109.1 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 14.373 mW/g
SAR(1 g) = 9.9 mW/g; SAR(10 g) = 6.54 mW/g
Maximum value of SAR (measured) = 11.5 mW/g



0 dB = 10.8 mW/g = 20.66 dB mW/g

Plot 90

Date/Time: 8/19/2013 6:27:42 PM

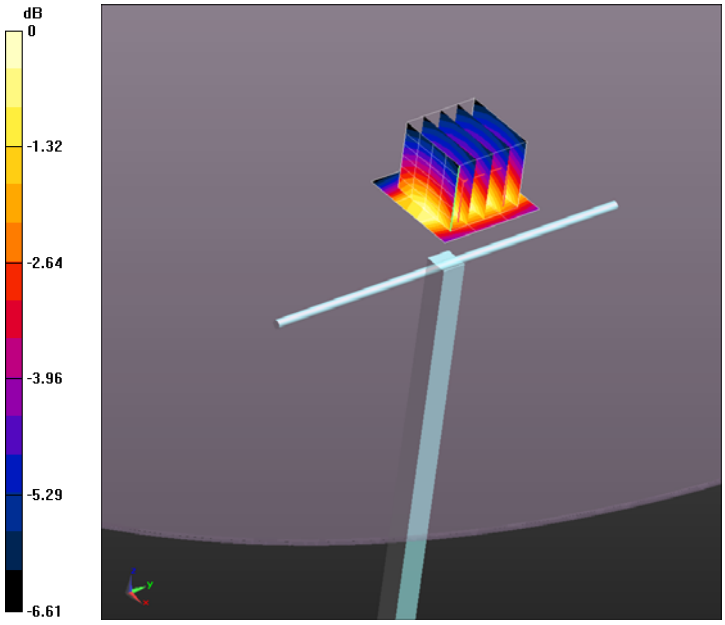
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 835 MHz; σ = 1.005 mho/m; ε_r = 52.99; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John ; Air Temperature:22.2C ; Medium Temperature:20.2C ;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.7 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 110.1 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 14.447 mW/g
SAR(1 g) = 9.98 mW/g; SAR(10 g) = 6.63 mW/g
Maximum value of SAR (measured) = 11.5 mW/g



0 dB = 10.7 mW/g = 20.59 dB mW/g

Plot 91

Date/Time: 8/21/2013 7:25:15 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used (interpolated): f = 835 MHz; σ = 0.975 mho/m; ε_r = 53.306; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 20.6C; Comments:
;
DASY Configuration:

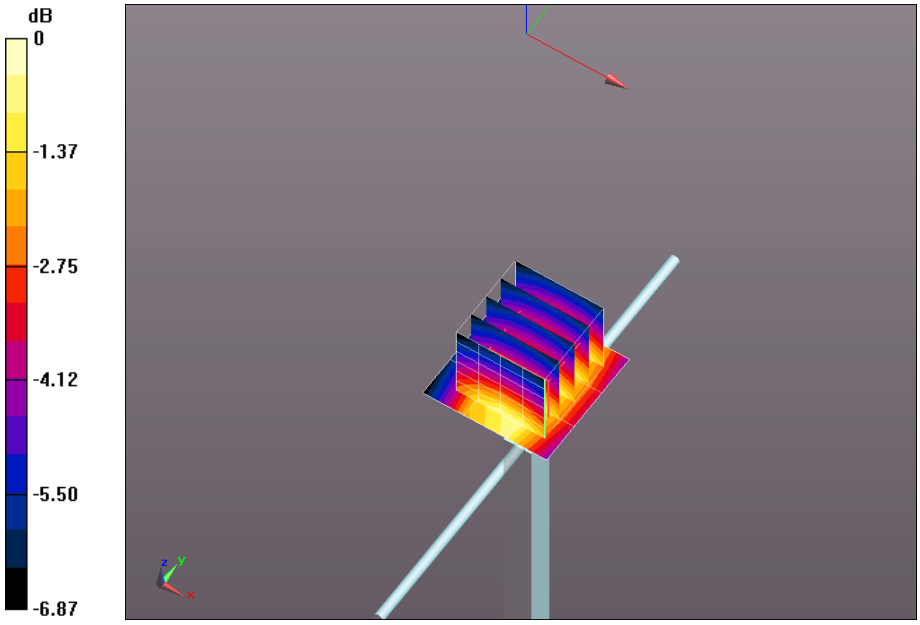
- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 10.3 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 109.4 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 13.633 mW/g
SAR(1 g) = 9.43 mW/g; SAR(10 g) = 6.25 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 10.9 mW/g



0 dB = 10.3 mW/g = 20.24 dB mW/g

Plot 92

Date/Time: 8/22/2013 6:38:58 AM

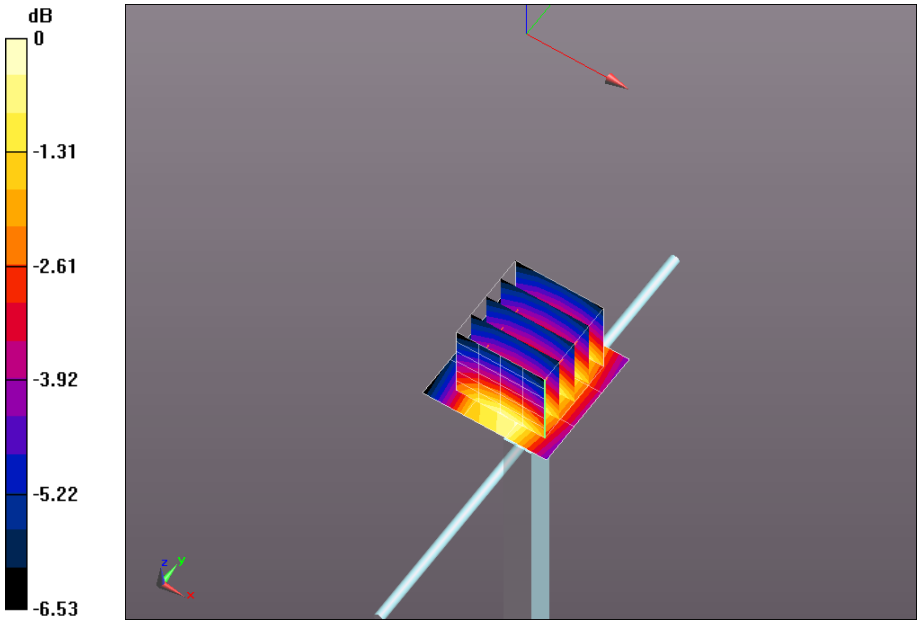
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 835 MHz; σ = 0.967 mho/m; ε_r = 52.88; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.2C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.1 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 109.2 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 13.556 mW/g
SAR(1 g) = 9.4 mW/g; SAR(10 g) = 6.25 mW/g
Maximum value of SAR (measured) = 10.9 mW/g



0 dB = 10.1 mW/g = 20.11 dB mW/g

Plot 93

Date/Time: 9/11/2013 11:04:21 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 835 MHz; σ = 1.005 mho/m; ε_r = 53.147; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 21.8C; Medium Temperature: 21.2C;
Comments: ;
DASY Configuration:

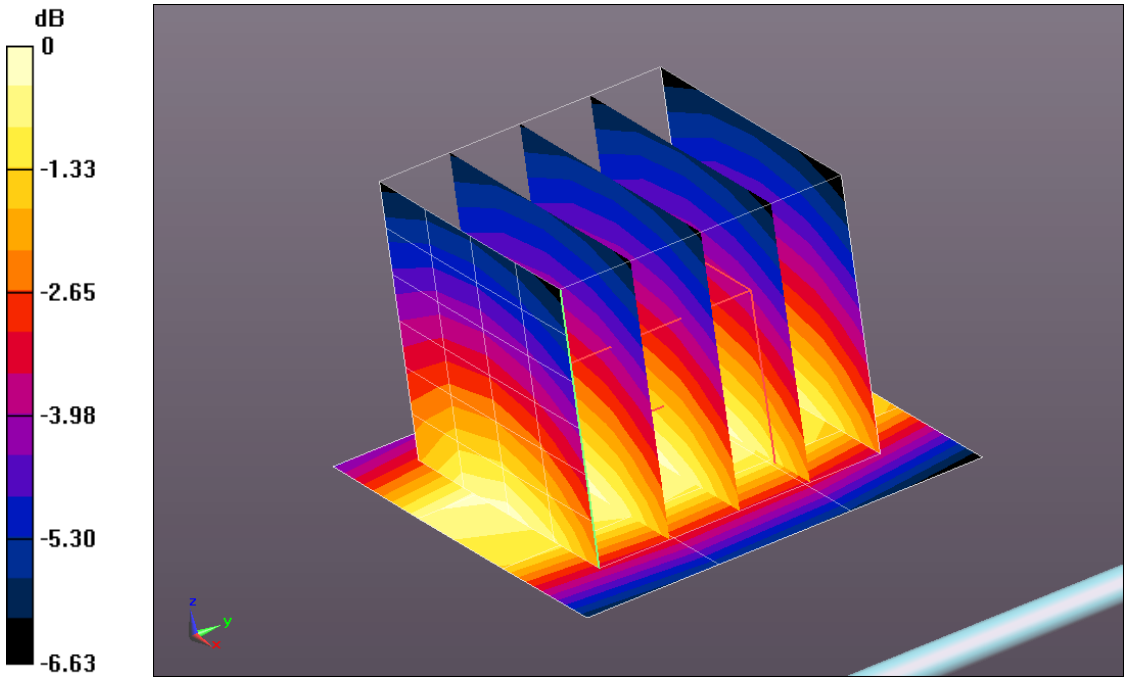
- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 9.97 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 106.3 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 13.359 mW/g
SAR(1 g) = 9.2 mW/g; SAR(10 g) = 6.08 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 10.7 mW/g



0 dB = 9.97 mW/g = 19.97 dB mW/g

Plot 94

Date/Time: 7/16/2013 10:18:37 PM

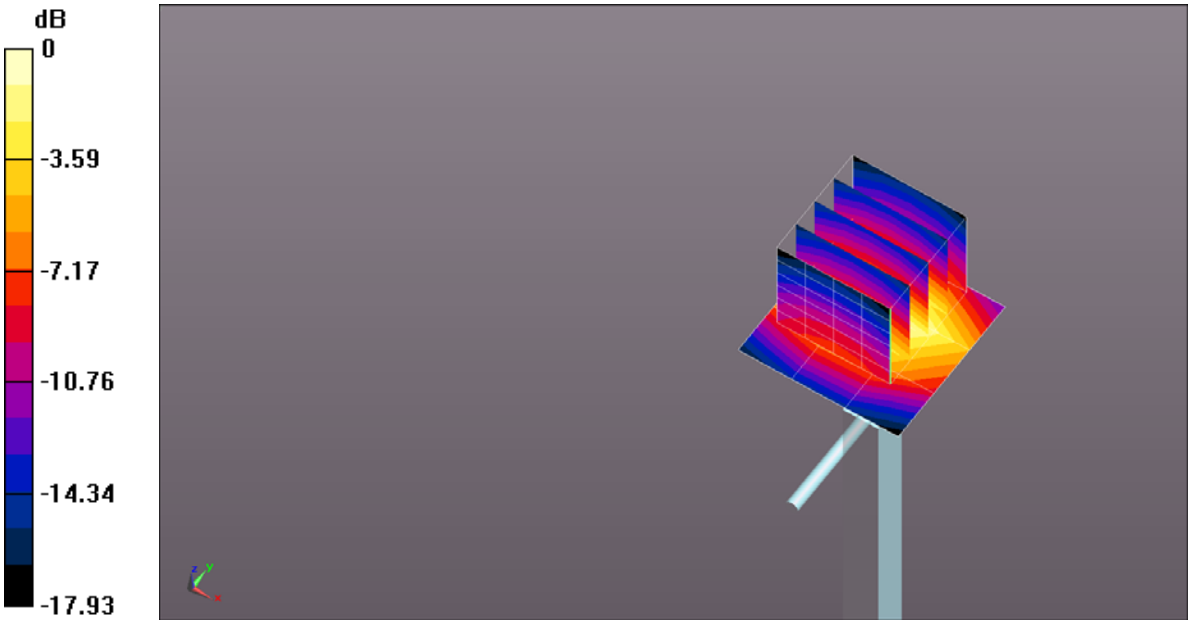
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.54 mho/m; ε_r = 52.05; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes:
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 42.7 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 157.2 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 66.071 mW/g
SAR(1 g) = 36.6 mW/g; SAR(10 g) = 19.2 mW/g
Maximum value of SAR (measured) = 41.1 mW/g



0 dB = 42.7 mW/g = 32.61 dB mW/g

Plot 95

Date/Time: 7/17/2013 11:17:55 PM

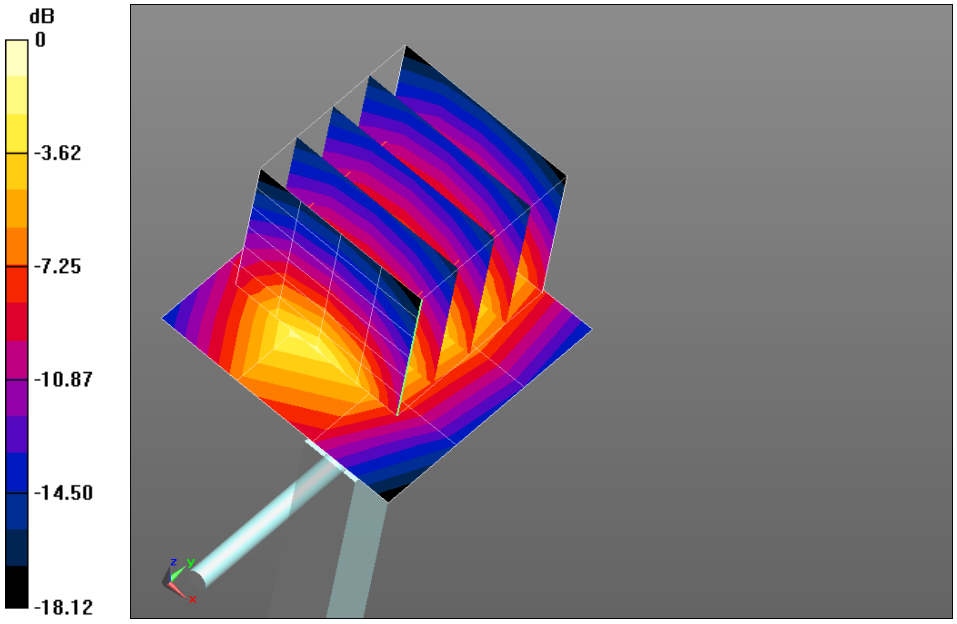
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.556 mho/m; ε_r = 51.958; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes:
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe 2/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 42.5 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe 2/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 169.4 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 69.775 mW/g
SAR(1 g) = 39 mW/g; SAR(10 g) = 20.4 mW/g
Maximum value of SAR (measured) = 49.5 mW/g



0 dB = 42.5 mW/g = 32.56 dB mW/g

Plot 96

Date/Time: 7/22/2013 8:12:08 AM

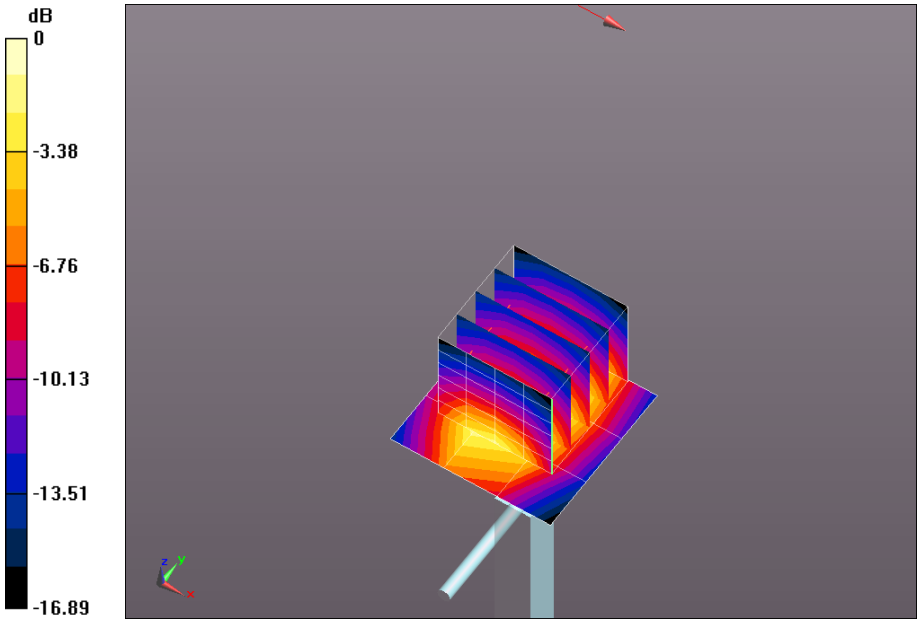
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.56 mho/m; ε_r = 51.289; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes:
DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 38.1 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 171.5 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 67.553 mW/g
SAR(1 g) = 38 mW/g; SAR(10 g) = 19.9 mW/g
Maximum value of SAR (measured) = 48.1 mW/g



0 dB = 38.1 mW/g = 31.61 dB mW/g

Plot 97

Date/Time: 8/20/2013 8:59:13 AM

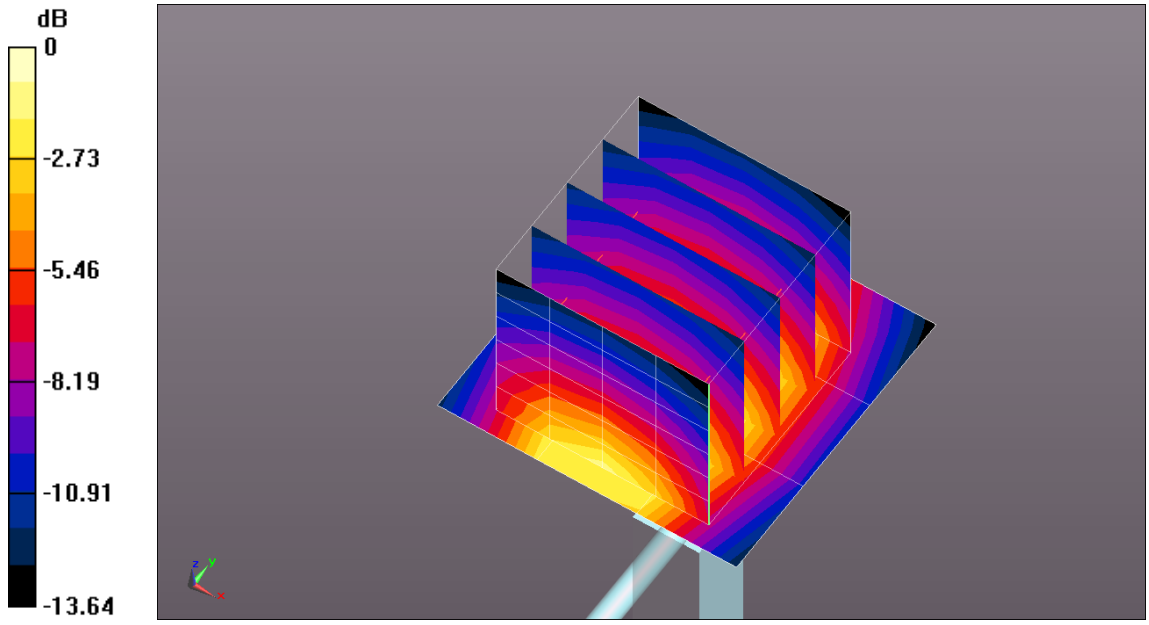
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.566 S/m; ε_r = 51.115; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22C; Medium Temperature: 21.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 31.2 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 179.6 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 64.5 W/kg
SAR(1 g) = 37 W/kg; SAR(10 g) = 19.4 W/kg
Maximum value of SAR (measured) = 47.0 W/kg



0 dB = 31.2 W/kg = 14.94 dBW/kg

Plot 98

Date/Time: 8/21/2013 9:52:36 AM

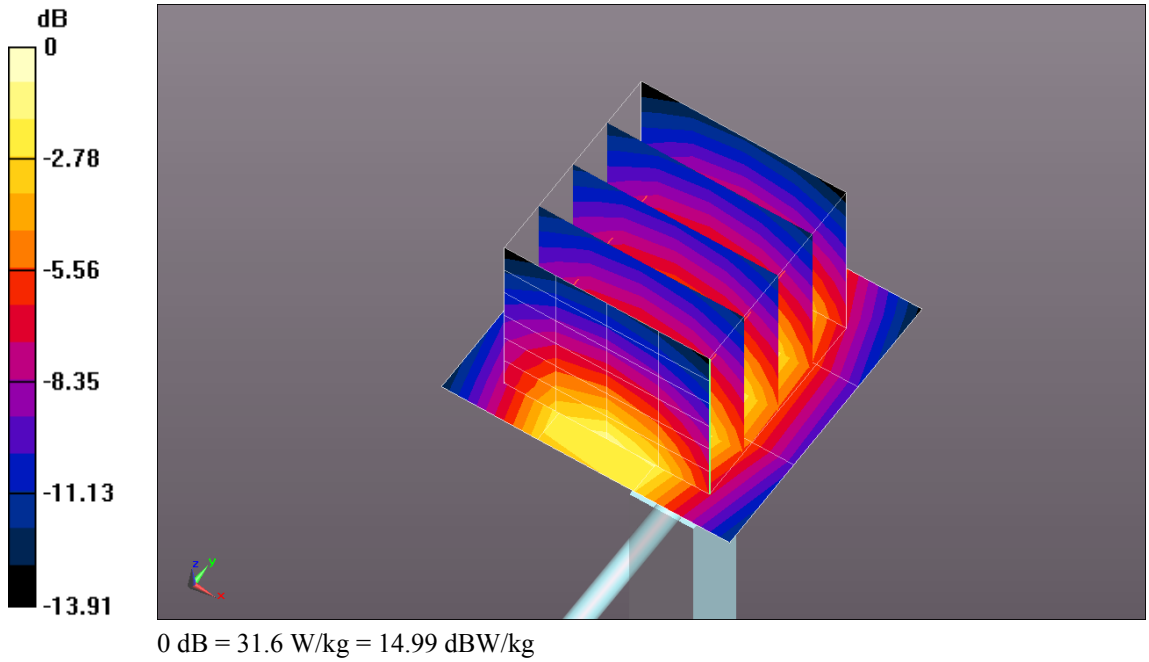
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.552 S/m; ε_r = 51.083; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.1; Medium Temperature: 21.6; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 31.6 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 183.1 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 65.5 W/kg
SAR(1 g) = 37.5 W/kg; SAR(10 g) = 19.7 W/kg
Maximum value of SAR (measured) = 47.4 W/kg



0 dB = 31.6 W/kg = 14.99 dBW/kg

Plot 99

Date/Time: 8/22/2013 11:18:58 AM

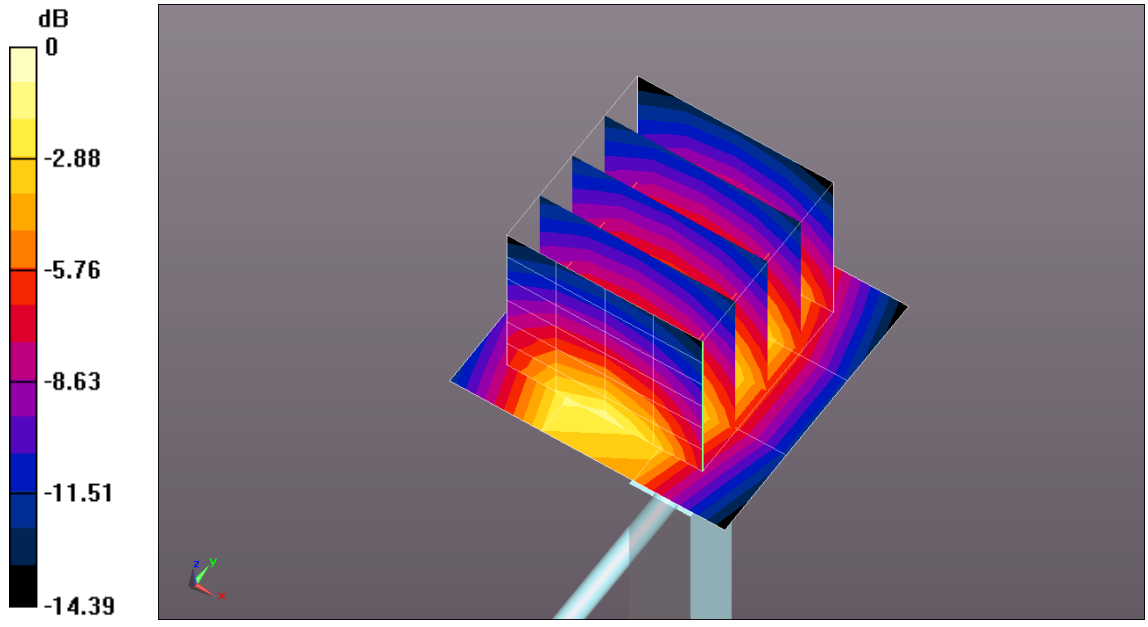
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.549 S/m; ε_r = 51.626; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.3; Medium Temperature: 21.5; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 35.0 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 179.1 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 64.9 W/kg
SAR(1 g) = 36.9 W/kg; SAR(10 g) = 19.4 W/kg
Maximum value of SAR (measured) = 46.5 W/kg



0 dB = 35.0 W/kg = 15.44 dBW/kg

Plot 100

Date/Time: 8/23/2013 8:25:05 AM

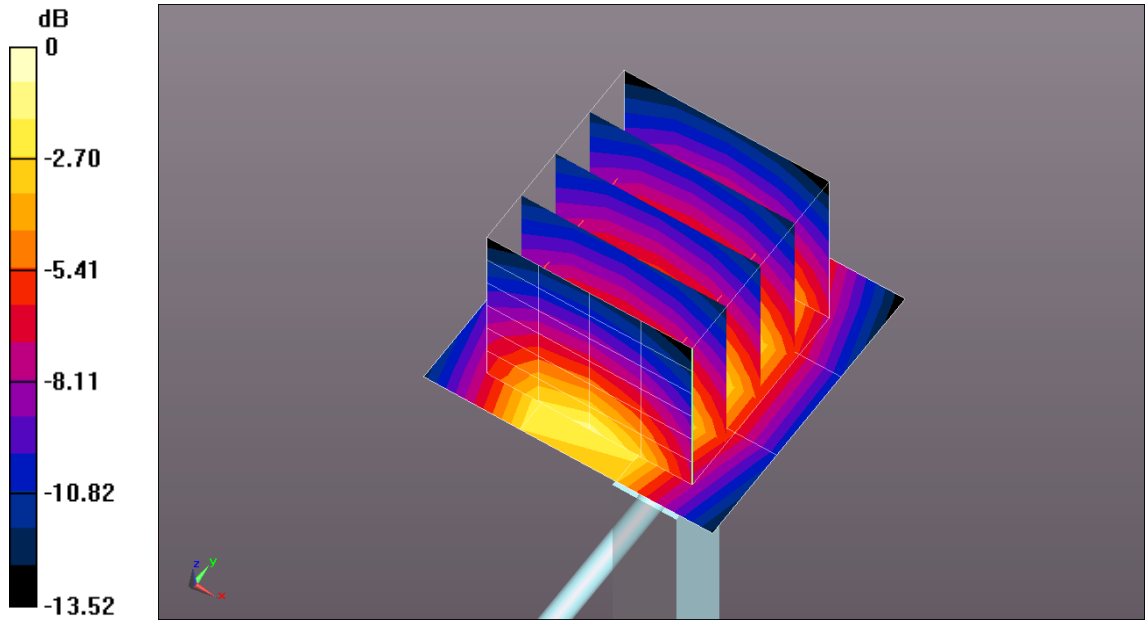
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.578 S/m; ε_r = 51.782; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.8C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 31.8 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 180.2 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 64.8 W/kg
SAR(1 g) = 37.3 W/kg; SAR(10 g) = 19.6 W/kg
Maximum value of SAR (measured) = 47.1 W/kg



0 dB = 31.8 W/kg = 15.02 dBW/kg

Plot 101

Date/Time: 9/6/2013 1:51:49 PM

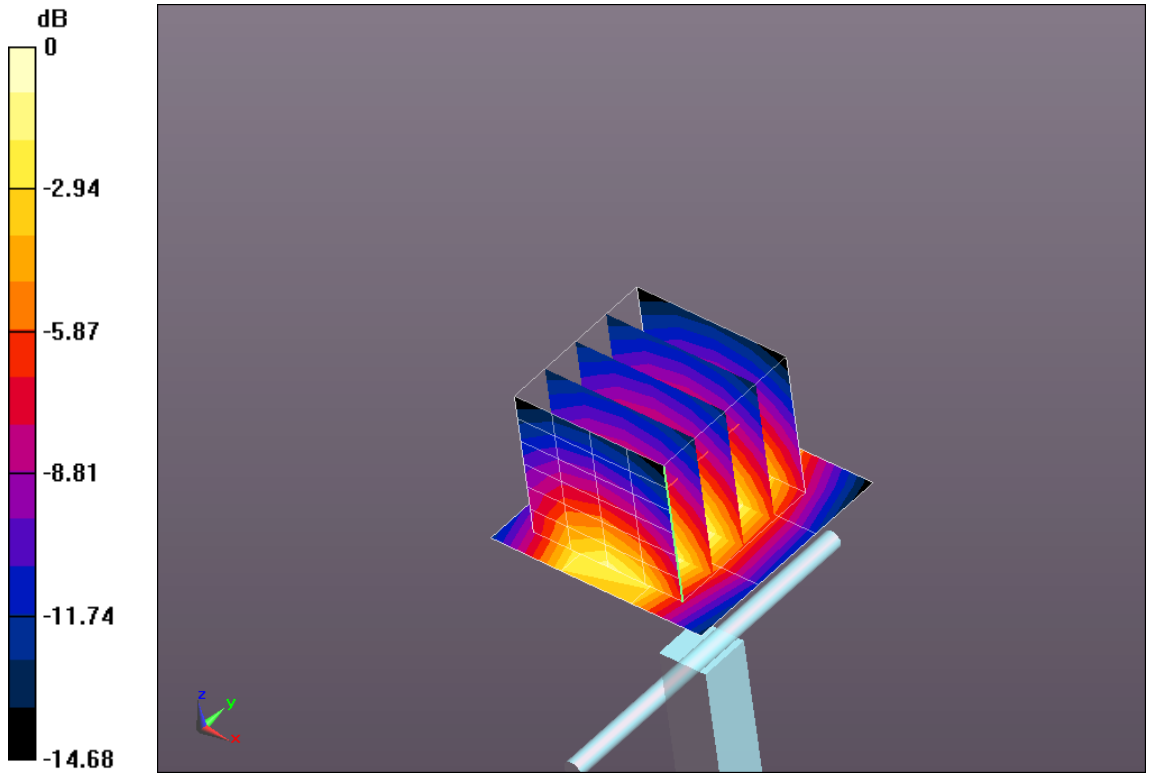
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1900 MHz; σ = 1.589 mho/m; ε_r = 51.45; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 21.5; Medium Temperature: 20.8; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe) 2 2/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 33.7 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe) 2 2/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 178.0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 65.663 mW/g
SAR(1 g) = 37.5 mW/g; SAR(10 g) = 19.6 mW/g
Maximum value of SAR (measured) = 47.6 mW/g



0 dB = 33.7 mW/g = 30.55 dB mW/g

Plot 102

Date/Time: 9/20/2013 10:53:46 AM

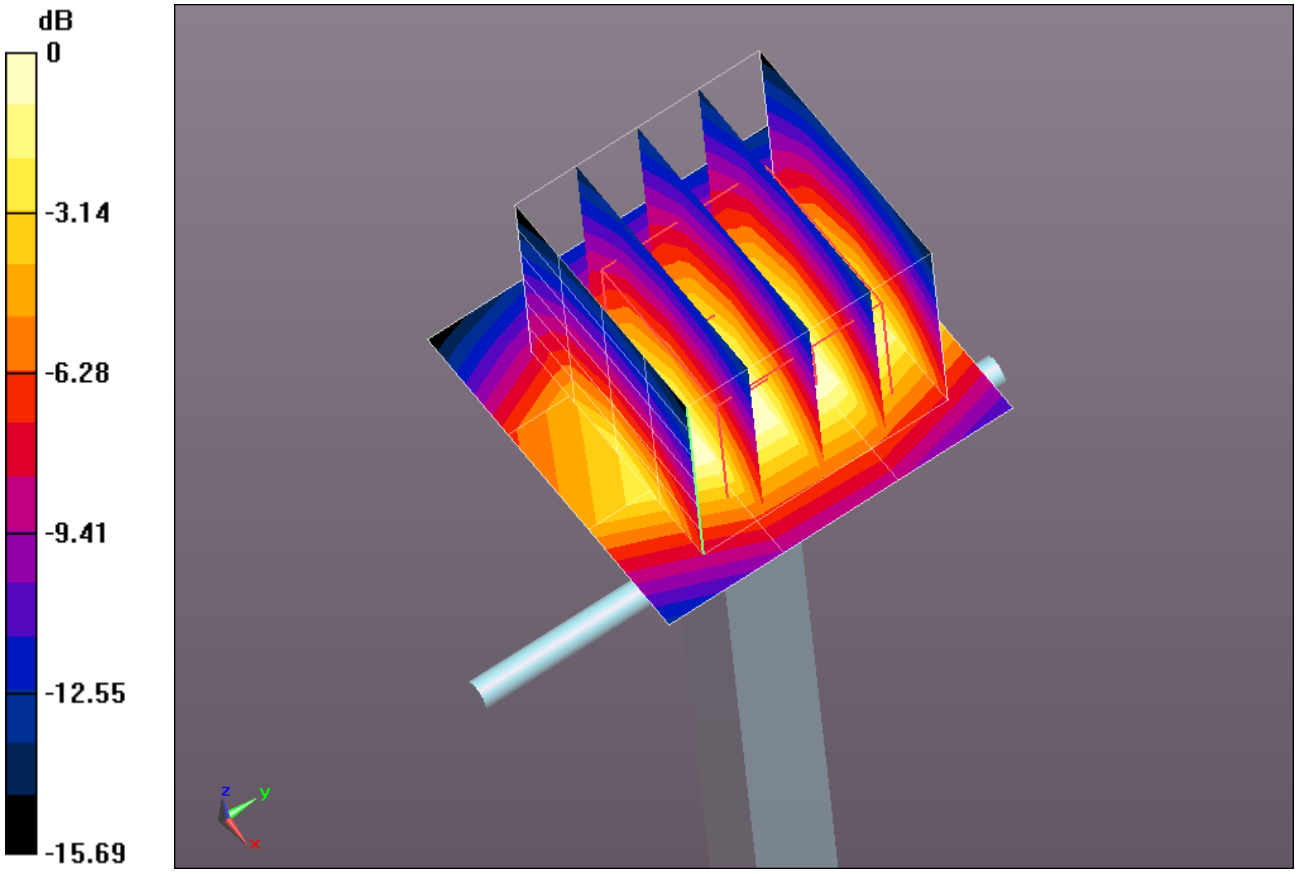
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1900 MHz; σ = 1.584 mho/m; ε_r = 51.673; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21.8C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 37.4 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 177.2 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 66.206 mW/g
SAR(1 g) = 37.8 mW/g; SAR(10 g) = 19.9 mW/g
Maximum value of SAR (measured) = 47.4 mW/g



0 dB = 37.4 mW/g = 31.47 dB mW/g

Plot 103

Date/Time: 7/24/2013 8:16:47 AM

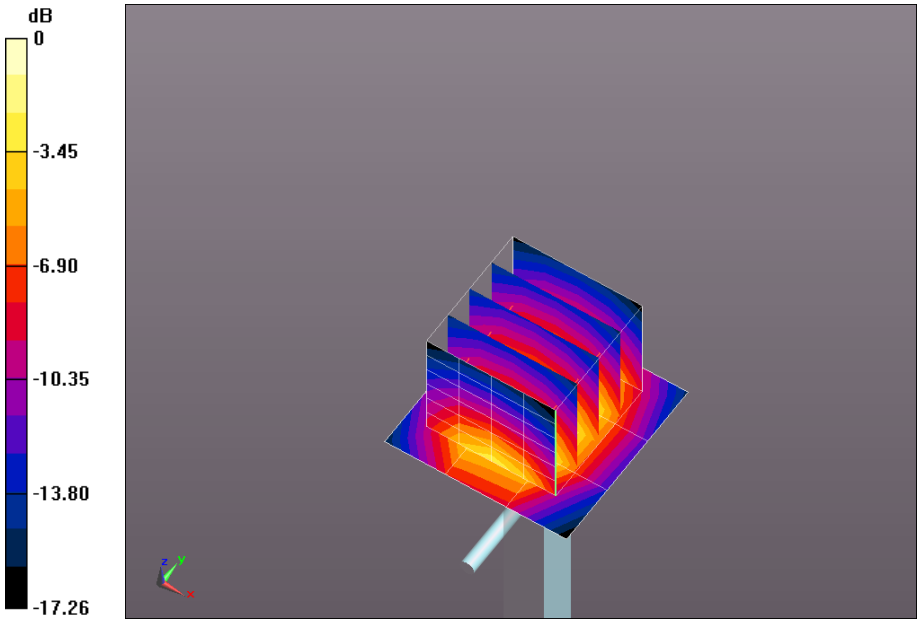
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Dipole 2450 MHz - D2450V2 - SN859; Type: D2450V2; Serial: D2450V2 - SN:859

Communication System: CW; Frequency: 2450 MHz
Medium: MSL2450_Batch 100824-5
Medium parameters used: f = 2450 MHz; σ = 1.989 mho/m; ε_r = 50.301; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes:
DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.38, 4.38, 4.38); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 48.4 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 185.5 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 104.4 mW/g
SAR(1 g) = 50.7 mW/g; SAR(10 g) = 23.7 mW/g
Maximum value of SAR (measured) = 66.6 mW/g



0 dB = 48.4 mW/g = 33.70 dB mW/g