Plot 1:

Date/Time: 3/16/2012 11:08:21 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

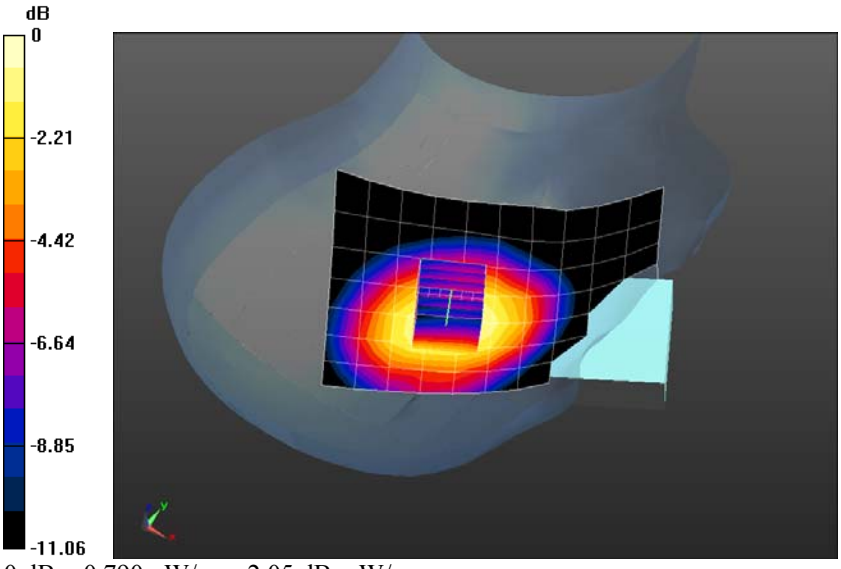
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 836.6 MHz; σ = 0.91 mho/m; ε_r = 42.04; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran; Air Temperature: 23.1C; Medium Temperature:21.0C ;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.16, 6.16, 6.16);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Right-Hand-Side/Touch Position_836.6MHz/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.799 mW/g

Right-Hand-Side/Touch Position_836.6MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.596 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 0.9350
SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.499 mW/g
Maximum value of SAR (measured) = 0.793 mW/g



0 dB = 0.790mW/g = -2.05 dB mW/g

Plot 2:

Date/Time: 3/16/2012 11:36:39 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

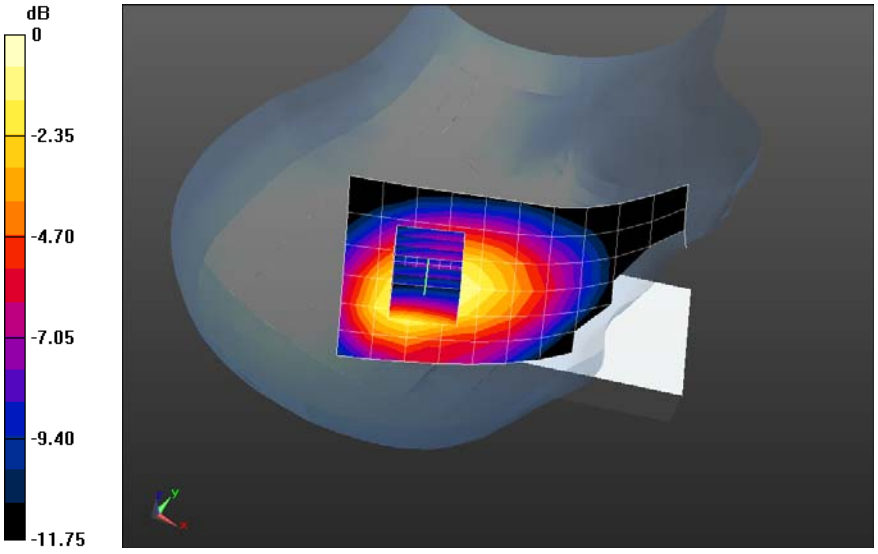
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 836.6 MHz; σ = 0.91 mho/m; ε_r = 42.04; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran; Air Temperature: 23.1C; Medium Temperature: 21.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.16, 6.16, 6.16);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Right-Hand-Side/Tilt Position_836.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.431 mW/g

Right-Hand-Side/Tilt Position_836.6MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.778 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.5610
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.467 mW/g



0 dB = 0.470mW/g = -6.56 dB mW/g

Plot 3:

Date/Time: 3/16/2012 12:02:30 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

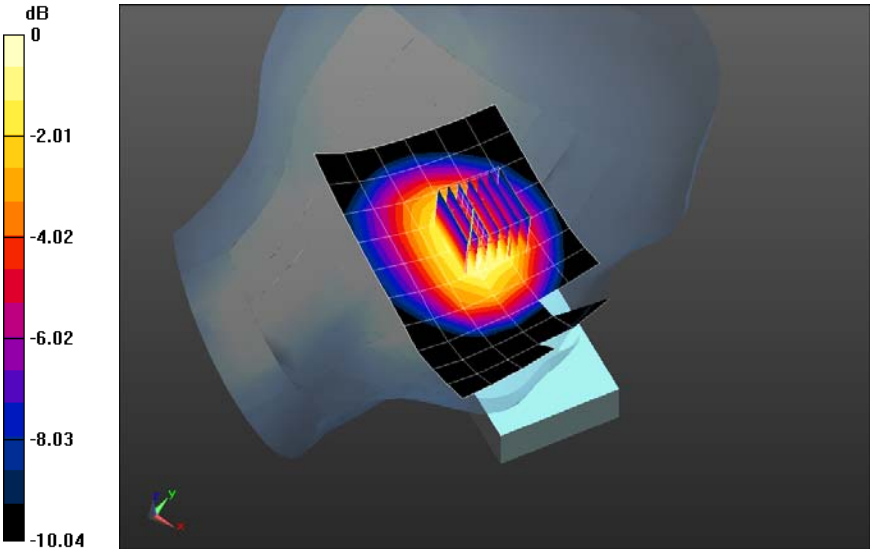
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 836.6 MHz; σ = 0.91 mho/m; ε_r = 42.04; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran ; Air Temperature: 23.1C; Medium Temperature: 21.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.16, 6.16, 6.16);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Left-Hand-Side/Touch Position_836.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.691 mW/g

Left-Hand-Side/Touch Position_836.6MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.830 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.7850
SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.453 mW/g
Maximum value of SAR (measured) = 0.703 mW/g



0 dB = 0.700mW/g = -3.10 dB mW/g

Plot 4:

Date/Time: 3/16/2012 1:10:49 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

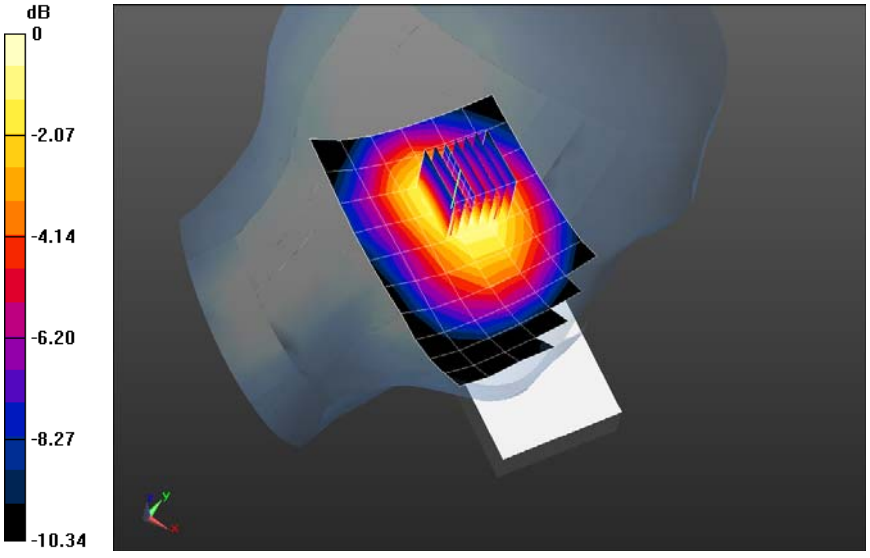
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 836.6 MHz; σ = 0.91 mho/m; ε_r = 42.04; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: kathy Tran; Air Temperature: 22.7C; Medium Temperature:21.2C ;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.16, 6.16, 6.16);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Left-Hand-Side/Tilt Position_836.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.462 mW/g

Left-Hand-Side/Tilt Position_836.6MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.870 V/m; Power Drift = 0.0068 dB
Peak SAR (extrapolated) = 0.5530
SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 0.479 mW/g



0 dB = 0.480mW/g = -6.38 dB mW/g

Plot 5:

Date/Time: 3/16/2012 2:11:10 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

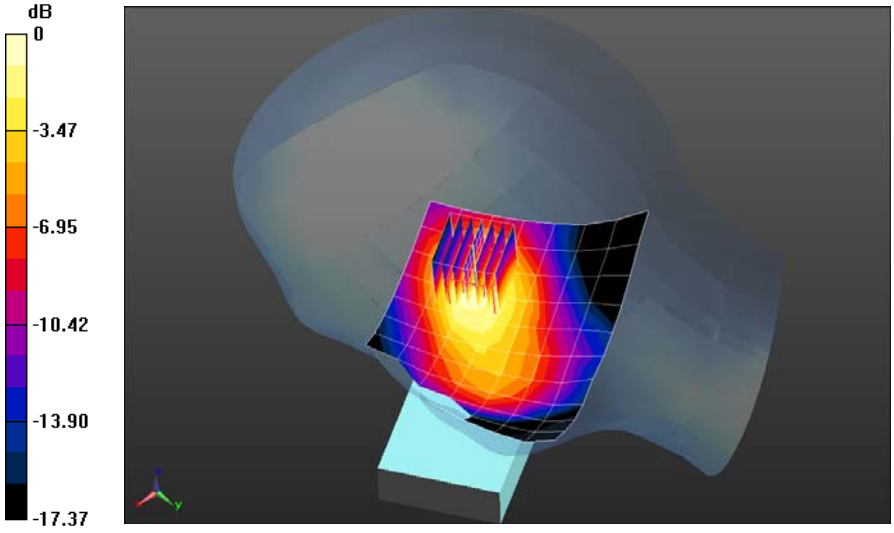
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.413 mho/m; ε_r = 40.34; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Zack Gray; Air Temperature: 22.2C; Medium Temperature:20C ;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.0(692);

Right-Hand-Side/Touch Position/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.553 mW/g

Right-Hand-Side/Touch Position/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.664 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.8060
SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.288 mW/g
Maximum value of SAR (measured) = 0.594 mW/g



0 dB = 0.590mW/g = -4.58 dB mW/g

Plot 6:

Date/Time: 3/16/2012 2:34:44 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

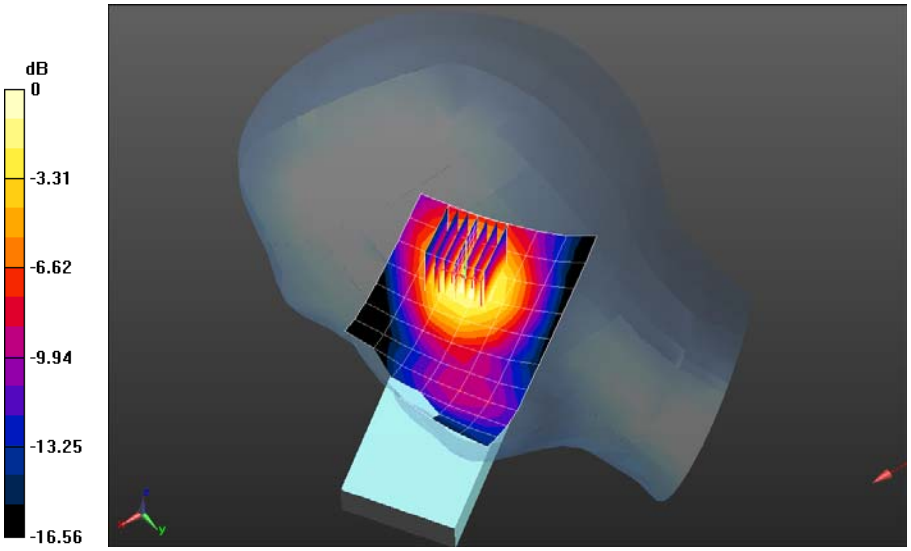
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.413 mho/m; ε_r = 40.34; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Zack Gray; Air Temperature: 23.1C; Medium Temperature: 21.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.0(692);

Right-Hand-Side/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.462 mW/g

Right-Hand-Side/Tilt Position/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.539 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 0.6760
SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.261 mW/g
Maximum value of SAR (measured) = 0.521 mW/g



0 dB = 0.520mW/g = -5.68 dB mW/g

Plot 7:

Date/Time: 3/16/2012 2:58:48 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

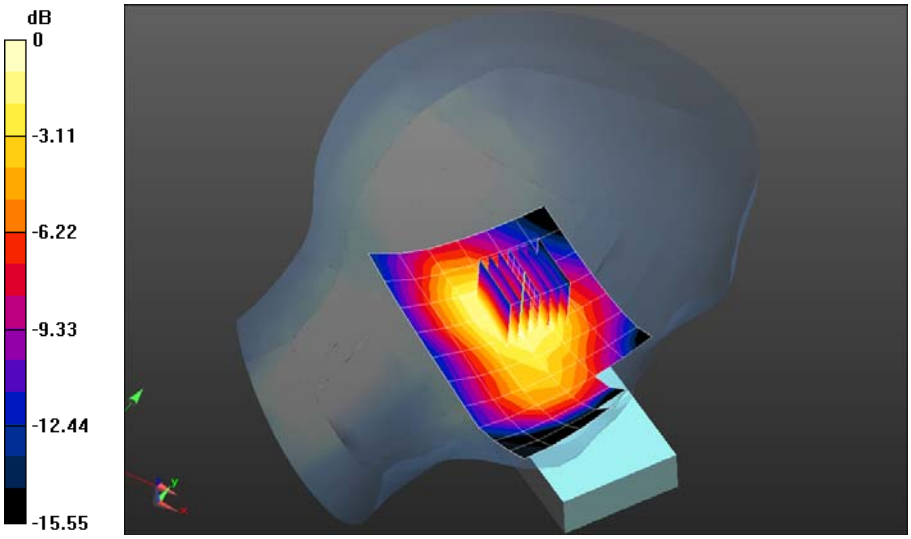
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.413 mho/m; ε_r = 40.34; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Zack Gray ; Air Temperature: 22.9C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.0(692);

Left-Hand-Side/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.438 mW/g

Left-Hand-Side/Touch Position/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.418 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.5740
SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.248 mW/g
Maximum value of SAR (measured) = 0.457 mW/g



0 dB = 0.460mW/g = -6.74 dB mW/g

Plot 8:

Date/Time: 3/16/2012 3:20:46 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

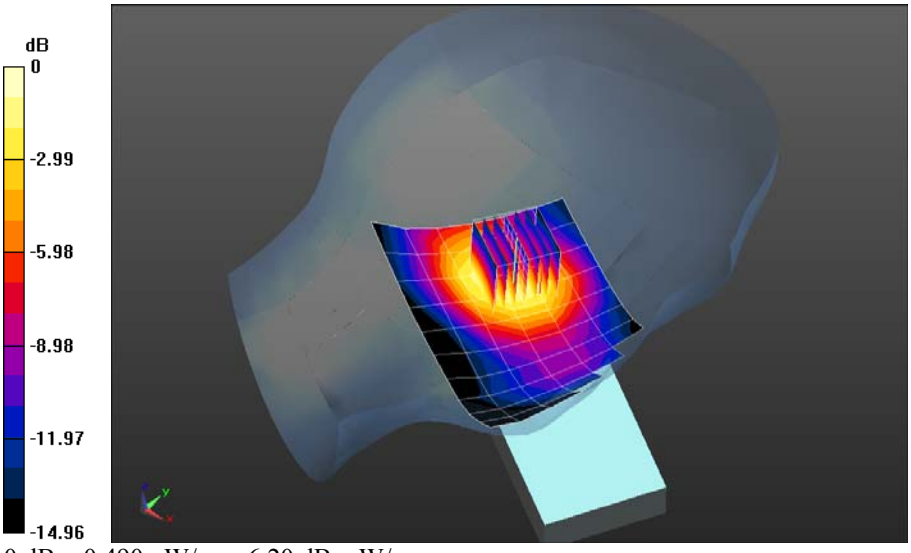
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.413 mho/m; ε_r = 40.34; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Zack Gray; Air Temperature: 22.9C; Medium Temperature:20.1C ;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.0(692);

Left-Hand-Side/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.432 mW/g

Left-Hand-Side/Tilt Position/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.631 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.6300
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.252 mW/g
Maximum value of SAR (measured) = 0.486 mW/g



0 dB = 0.490mW/g = -6.20 dB mW/g

Plot 9:

Date/Time: 3/16/2012 4:21:38 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

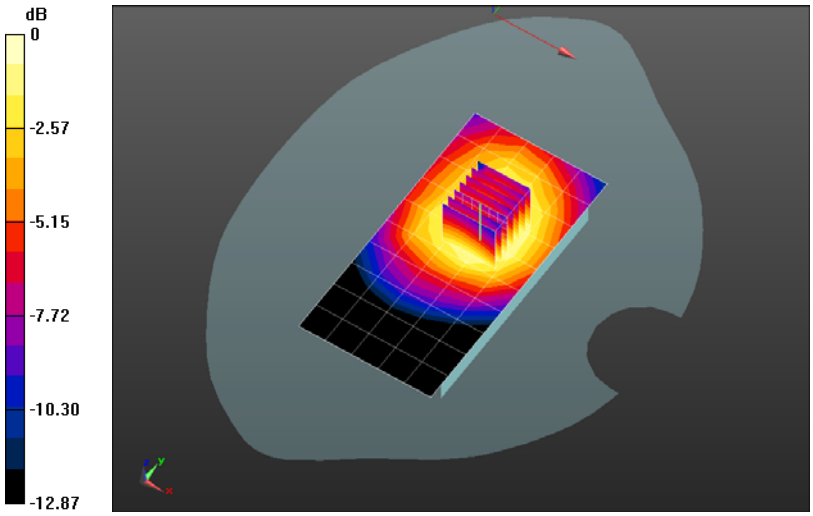
Communication System: GPRS-FDD (2 Timeslots); Frequency: 836.6 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 836.6 MHz; σ = 0.999 mho/m; ε_r = 53.72; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran ; Air Temperature: 23.3C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.21, 6.21, 6.21);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Flat-Section/Front 0mm with velcro holster_GPRS 2 UP TS_836.6MHz/Area Scan (6x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.844 mW/g

Flat-Section/Front 0mm with velcro holster_GPRS 2 UP TS_836.6MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.544 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.0700
SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.536 mW/g
Maximum value of SAR (measured) = 0.836 mW/g



0 dB = 0.840mW/g = -1.51 dB mW/g

Plot 10:

Date/Time: 3/16/2012 5:10:27 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

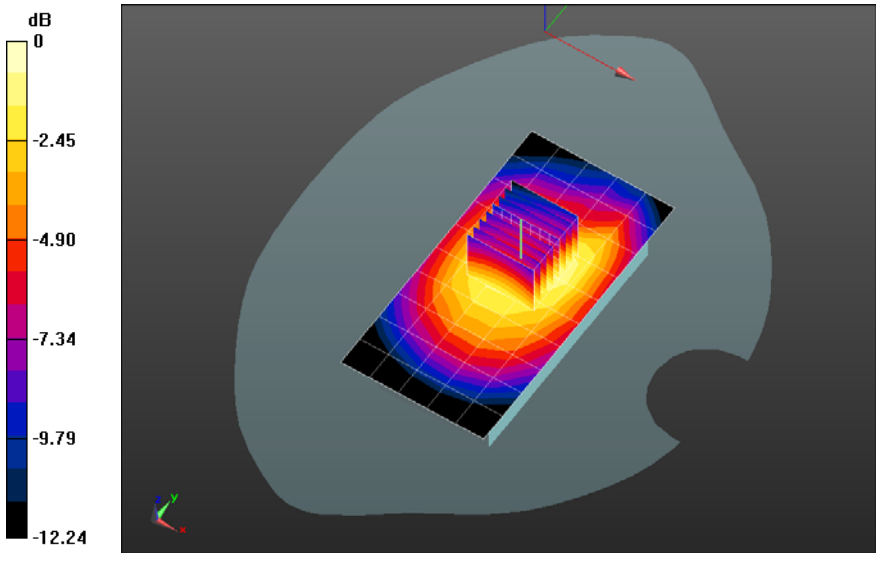
Communication System: GPRS-FDD (2 Timeslots); Frequency: 836.6 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 836.6 MHz; σ = 0.999 mho/m; ε_r = 53.72; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:Kathy Tran ; Air Temperature: 23.2C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.21, 6.21, 6.21);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Flat-Section/Back 0mm with velcro holster_GPRS 2 UP TS_836.6MHz/Area Scan (6x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.147 mW/g

Flat-Section/Back 0mm with velcro holster_GPRS 2 UP TS_836.6MHz/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.820 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.5110
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.710 mW/g
Maximum value of SAR (measured) = 1.187 mW/g



0 dB = 1.190mW/g = 1.51 dB mW/g

Plot 11:

Date/Time: 3/19/2012 11:34:25 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

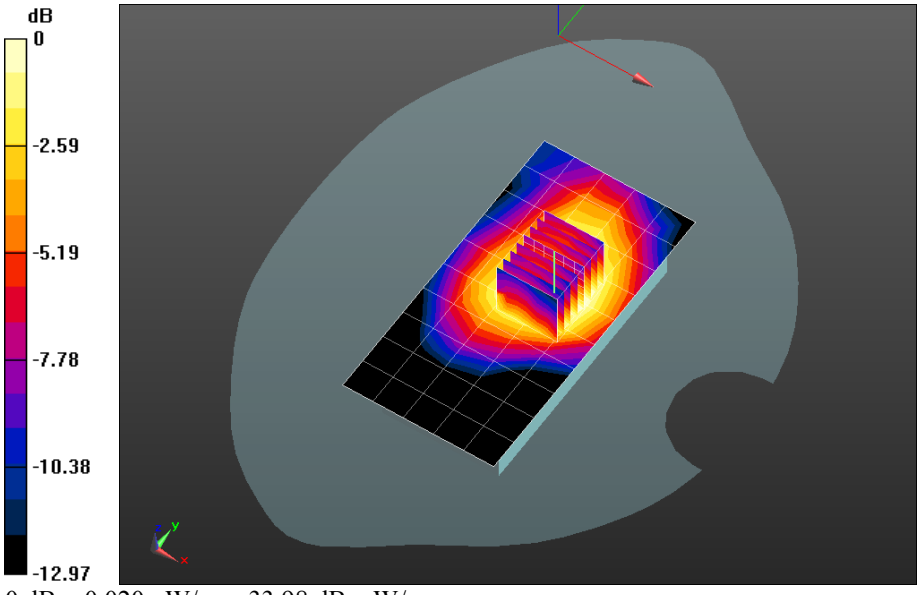
Communication System: GPRS-FDD (2 Timeslots); Frequency: 836.6 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 836.6 MHz; σ = 0.996 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran; Air Temperature: 21.0C; Medium Temperature: 20.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.21, 6.21, 6.21);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Flat-Section 2/Front 0mm with magnet holster_GPRS 2 UP TS_836.6MHz/Area Scan (6x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.023 mW/g

Flat-Section 2/Front 0mm with magnet holster_GPRS 2 UP TS_836.6MHz/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.339 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0300
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.014 mW/g



0 dB = 0.020mW/g = -33.98 dB mW/g

Plot 12:

Date/Time: 3/19/2012 12:41:20 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

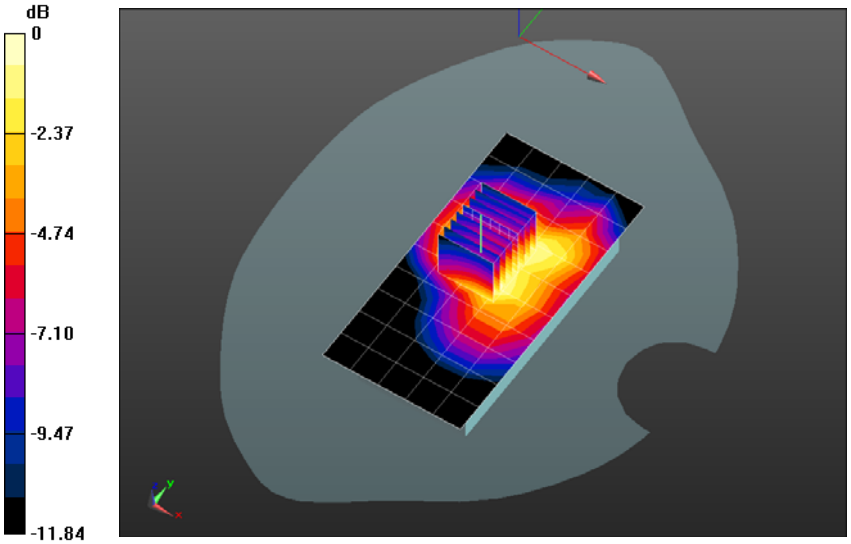
Communication System: GPRS-FDD (2 Timeslots); Frequency: 836.6 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 836.6 MHz; σ = 0.996 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran; Air Temperature: 22.3C; Medium Temperature: 20.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.21, 6.21, 6.21);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Flat-Section 2/Back 0mm with magnet holster_GPRS 2 UP TS_836.6MHz/Area Scan (6x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.005 mW/g

Flat-Section 2/Back 0mm with magnet holster_GPRS 2 UP TS_836.6MHz/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.080 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.3270
SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.585 mW/g
Maximum value of SAR (measured) = 0.990 mW/g



0 dB = 0.990mW/g = -0.09 dB mW/g

Plot 13:

Date/Time: 3/19/2012 2:00:47 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

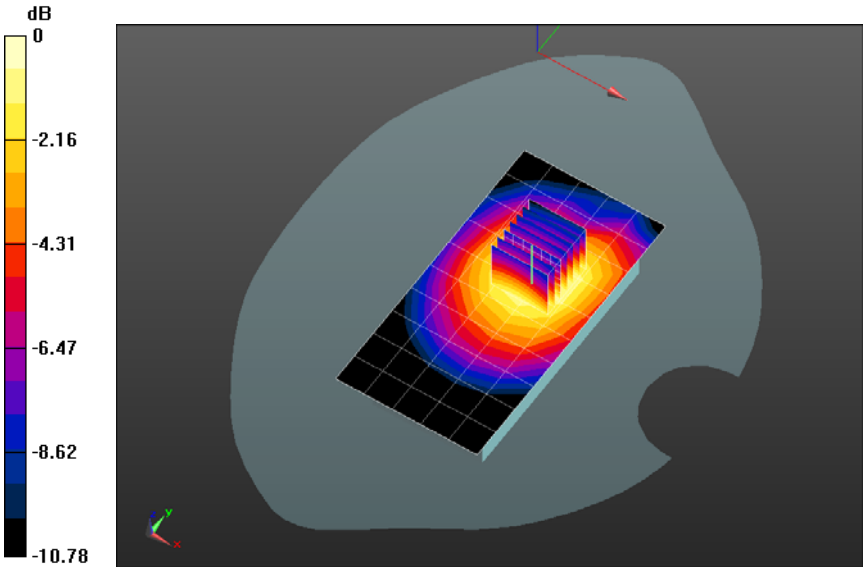
Communication System: GPRS-FDD (2 Timeslots); Frequency: 824.2 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 824.2 MHz; σ = 0.984 mho/m; ε_r = 53.78; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran; Air Temperature: 22.5C; Medium Temperature: 20.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.21, 6.21, 6.21);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Flat-Section 2/Back 0mm with velcro holster_GPRS 2 UP TS_Lo Ch. 824.2MHz/Area Scan (6x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.326 mW/g

Flat-Section 2/Back 0mm with velcro holster_GPRS 2 UP TS_Lo Ch. 824.2MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.641 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.6590
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.815 mW/g
Maximum value of SAR (measured) = 1.324 mW/g



0 dB = 1.320mW/g = 2.41 dB mW/g

Plot 14:

Date/Time: 3/19/2012 2:40:32 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

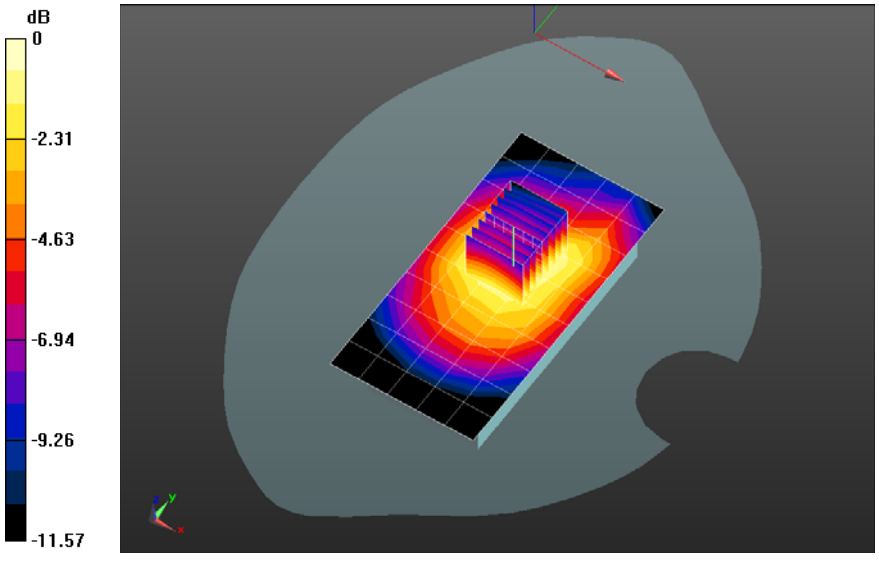
Communication System: GPRS-FDD (2 Timeslots); Frequency: 848.8 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 848.8 MHz; σ = 1.008 mho/m; ε_r = 53.35; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran; Air Temperature: 22.7C; Medium Temperature: 20.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.21, 6.21, 6.21);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Flat-Section 2/Back 0mm with velcro holster_GPRS 2 UP TS_Hi Ch. 848.8MHz/Area Scan (6x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.719 mW/g

Flat-Section 2/Back 0mm with velcro holster_GPRS 2 UP TS_Hi Ch. 848.8MHz/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.494 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.9500
SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.471 mW/g
Maximum value of SAR (measured) = 0.771 mW/g



0 dB = 0.770mW/g = -2.27 dB mW/g

Plot 15:

Date/Time: 3/19/2012 3:36:59 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

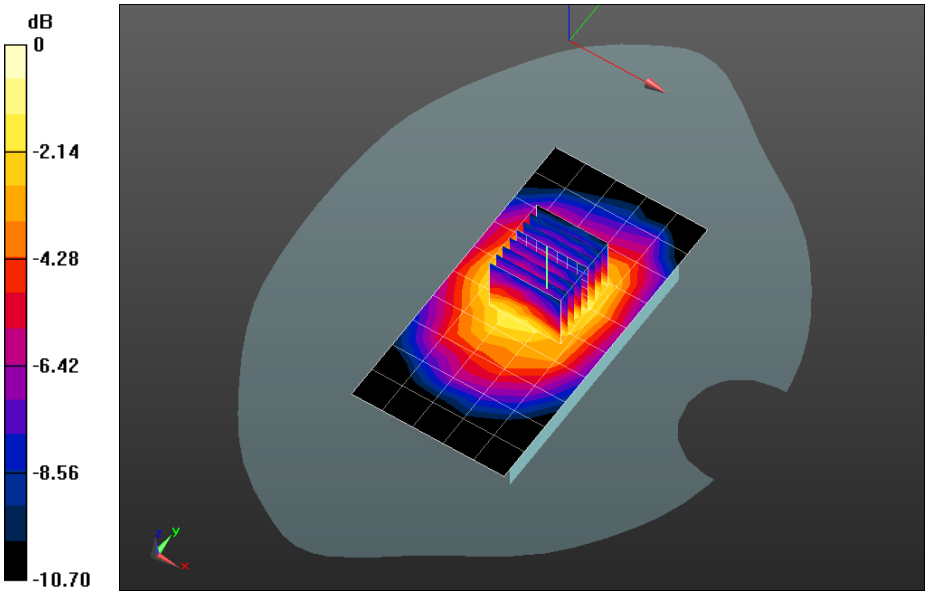
Communication System: GPRS-FDD (2 Timeslots); Frequency: 824.2 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 824.2 MHz; σ = 0.984 mho/m; ε_r = 53.78; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran; Air Temperature: 23.2C; Medium Temperature: 20.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.21, 6.21, 6.21);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Flat-Section 2/Back 0mm with velcro holster_EGPRS 2 UP TS_Lo Ch. 824.2MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.287 mW/g

Flat-Section 2/Back 0mm with velcro holster_EGPRS 2 UP TS_Lo Ch. 824.2MHz/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.970 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.4010
SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.182 mW/g
Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.300mW/g = -10.46 dB mW/g

Plot 16:

Date/Time: 3/19/2012 1:17:22 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

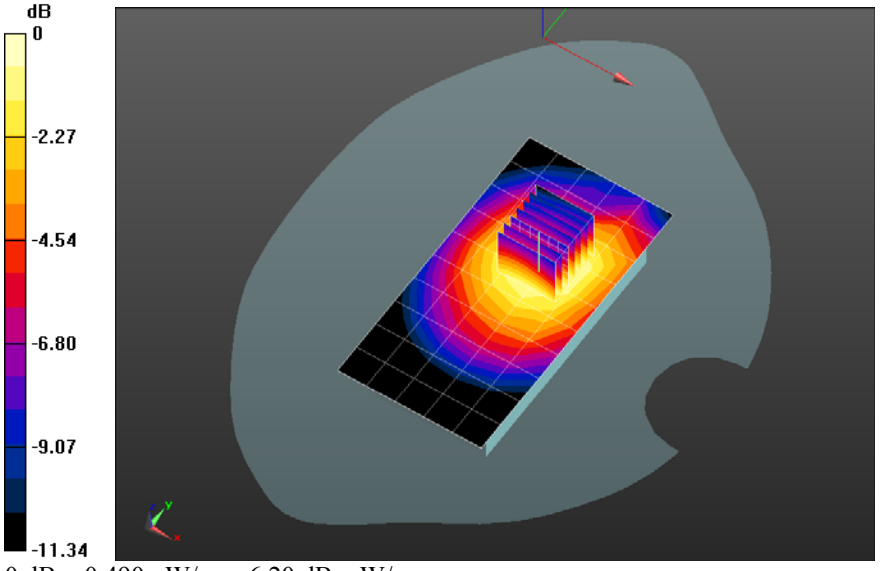
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 836.6 MHz; σ = 0.996 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran; Air Temperature: 22.5; Medium Temperature: 20.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.21, 6.21, 6.21);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

Flat-Section 2/Back 0mm with velcro holster_GPRS 1 UP TS_836.6MHz/Area Scan (6x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.489 mW/g

Flat-Section 2/Back 0mm with velcro holster_GPRS 1 UP TS_836.6MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.672 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.6240
SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.304 mW/g
Maximum value of SAR (measured) = 0.492 mW/g



0 dB = 0.490mW/g = -6.20 dB mW/g

Plot 17:

Date/Time: 3/16/2012 6:03:45 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1690

Communication System: GPRS 2 Timeslots; Frequency: 1880 MHz
Medium: MSL1900_Batch 100824-3
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.53; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Zack Gray Air Temperature: ; 23C Medium Temperature: ; 20.5C
Comments: ;

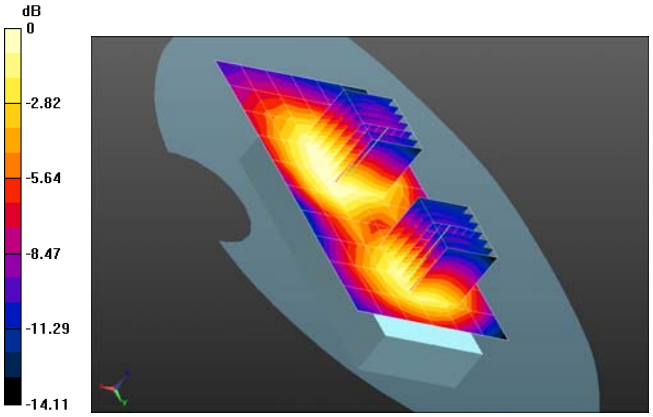
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.0(692);

Flat-Section/Front 0mm_Velcro Holster/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.367 mW/g

Flat-Section/Front 0mm_Velcro Holster/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.595 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.4610
SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.357 mW/g

Flat-Section/Front 0mm_Velcro Holster/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.595 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.3610
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.271 mW/g



0 dB = 0.270mW/g = -11.37 dB mW/g

Plot 18:

Date/Time: 3/16/2012 5:41:11 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1690

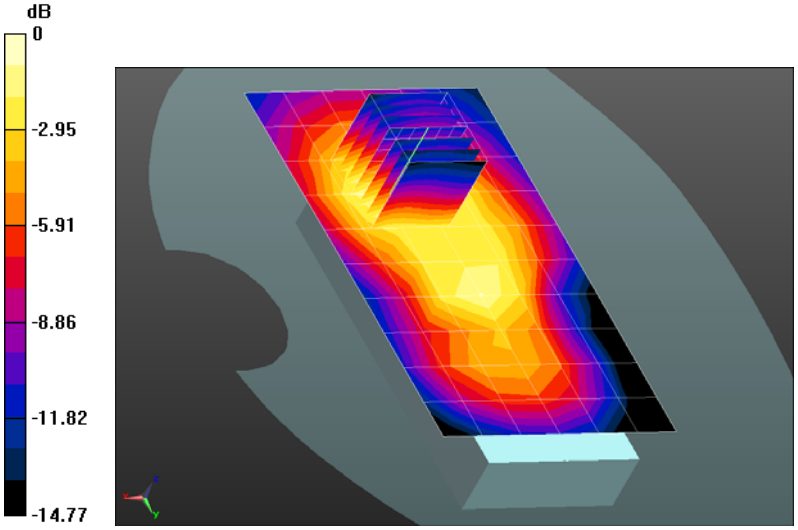
Communication System: GPRS 2 Timeslots; Frequency: 1880 MHz
Medium: MSL1900_Batch 100824-3
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.53; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Zack Gray Air Temperature: ; 23C Medium Temperature: ; 20.5C
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.0(692);

Flat-Section/Back 0mm_Velcro Holster/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.889 mW/g

Flat-Section/Back 0mm_Velcro Holster/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.240 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.1480
SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.483 mW/g
Maximum value of SAR (measured) = 0.908 mW/g



0 dB = 0.910mW/g = -0.82 dB mW/g

Plot 19:

Date/Time: 3/19/2012 4:23:51 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

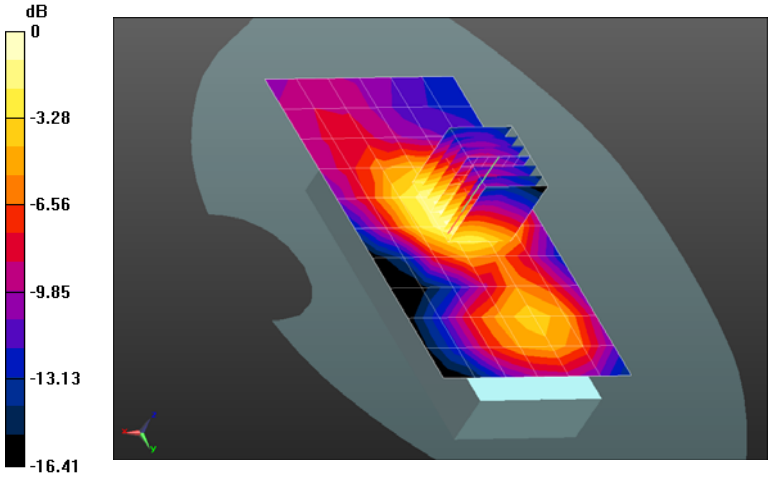
Communication System: GPRS 2 Timeslots; Frequency: 1880 MHz
Medium: MSL1900_Batch 100824-3
Medium parameters used: f = 1880 MHz; σ = 1.571 mho/m; ε_r = 51.83; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Zack Gray Air Temperature: ; 22.7C Medium Temperature: ; 20C
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.0(692);

Flat-Section 3-19/Front 0mm_Magnetic Holster/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.233 mW/g

Flat-Section 3-19/Front 0mm_Magnetic Holster/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.395 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.3590
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.270mW/g = -11.37 dB mW/g

Plot 20:

Date/Time: 3/16/2012 4:30:49 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1690

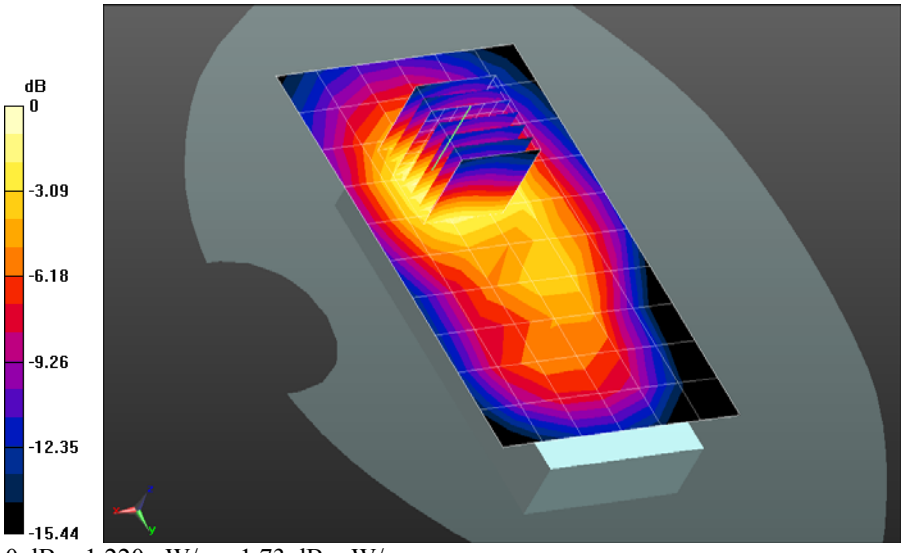
Communication System: GPRS 2 Timeslots; Frequency: 1880 MHz
Medium: MSL1900_Batch 100824-3
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.53; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Zack Gray Air Temperature: ; 23C Medium Temperature: ; 20.5C
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.0(692);

Flat-Section/Back 0mm_Magnetic Holster/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.219 mW/g

Flat-Section/Back 0mm_Magnetic Holster/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.203 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.5890
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.644 mW/g



0 dB = 1.220mW/g = 1.73 dB mW/g

Plot 21:

Date/Time: 3/16/2012 4:53:31 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1690

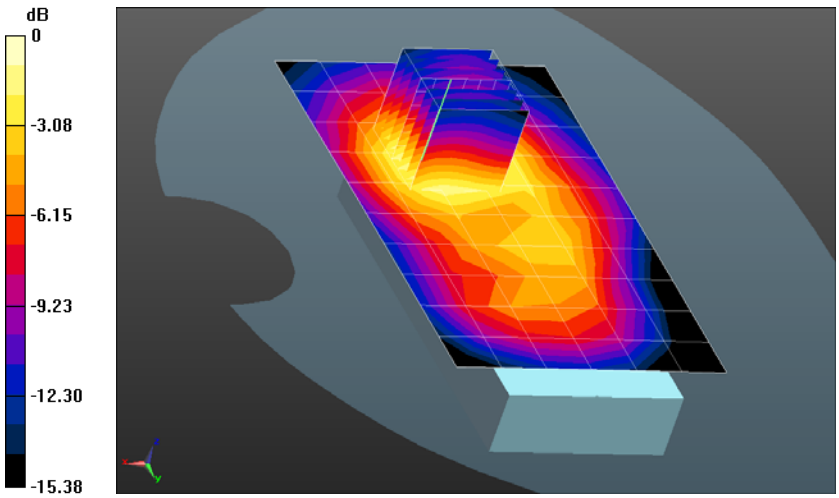
Communication System: GPRS 2 Timeslots; Frequency: 1850.2 MHz
Medium: MSL1900_Batch 100824-3
Medium parameters used: f = 1850.2 MHz; σ = 1.473 mho/m; ε_r = 52.07; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Zack Gray Air Temperature: 23C Medium Temperature: 20.5C
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.0(692);

Flat-Section/Back 0mm_Magnetic Holster_Low Channel/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.195 mW/g

Flat-Section/Back 0mm_Magnetic Holster_Low Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.334 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.5670
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.642 mW/g
Maximum value of SAR (measured) = 1.204 mW/g



0 dB = 1.200mW/g = 1.58 dB mW/g

Plot 22:

Date/Time: 3/16/2012 5:15:04 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1690

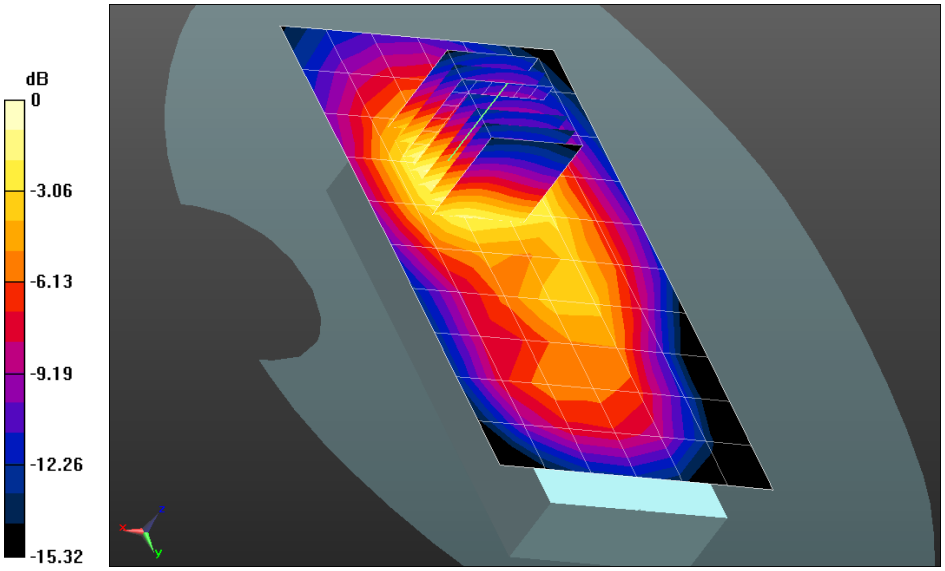
Communication System: GPRS 2 Timeslots; Frequency: 1909.8 MHz
Medium: MSL1900_Batch 100824-3
Medium parameters used: f = 1909.8 MHz; σ = 1.484 mho/m; ε_r = 51.23; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Zack Gray Air Temperature: 23C Medium Temperature: 20.5C
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.0(692);

Flat-Section/Back 0mm_Magnetic Holster_High Channel/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.165 mW/g

Flat-Section/Back 0mm_Magnetic Holster_High Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.459 V/m; Power Drift = 0.0095 dB
Peak SAR (extrapolated) = 1.5400
SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.601 mW/g
Maximum value of SAR (measured) = 1.171 mW/g



0 dB = 1.170mW/g = 1.36 dB mW/g

Plot 23:

Date/Time: 3/19/2012 5:10:49 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

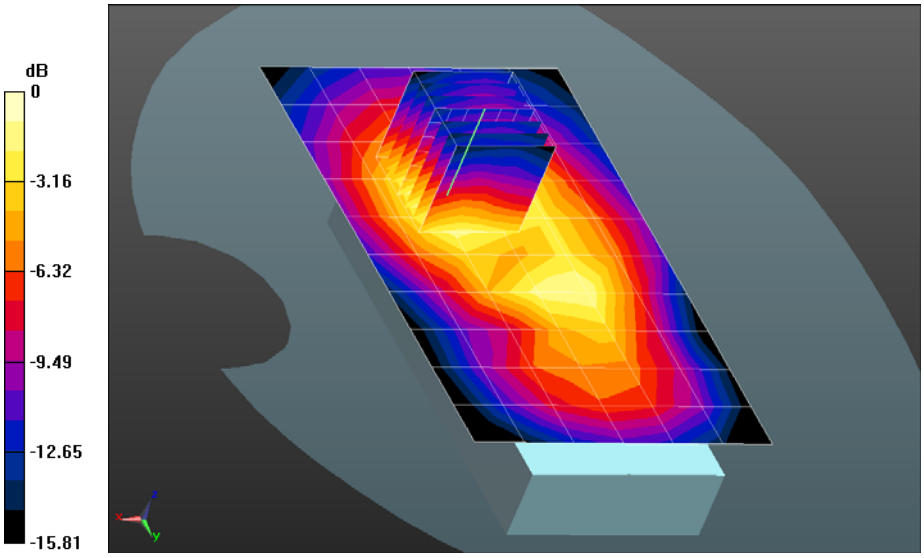
Communication System: EGPRS 2 Timeslots; Frequency: 1880 MHz
Medium: MSL1900_Batch 100824-3
Medium parameters used: f = 1880 MHz; σ = 1.571 mho/m; ε_r = 51.83; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Zack Gray Air Temperature: ; 22.7C Medium Temperature: ; 20C
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.0(692);

Flat-Section 3-19/Back 0mm_Magnetic Holster_EGPRS/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.460 mW/g

Flat-Section 3-19/Back 0mm_Magnetic Holster_EGPRS/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.974 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.7550
SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.519 mW/g



0 dB = 0.520mW/g = -5.68 dB mW/g

Plot 24:

Date/Time: 3/19/2012 4:47:21 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Biomedical Systems; Type: medical device; Serial: HAA1694

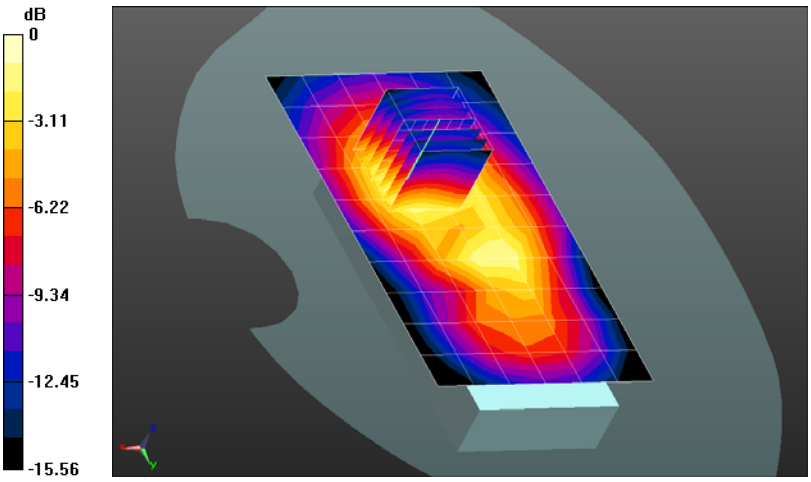
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 100824-3
Medium parameters used: f = 1880 MHz; σ = 1.571 mho/m; ε_r = 51.83; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Zack Gray Air Temperature: ; 22.7C Medium Temperature: ; 20C
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.0(692);

Flat-Section 3-19/Back 0mm_Magnetic Holster_1 Up TS/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.551 mW/g

Flat-Section 3-19/Back 0mm_Magnetic Holster_1 Up TS/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.910 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.8220
SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.322 mW/g
Maximum value of SAR (measured) = 0.632 mW/g



0 dB = 0.630mW/g = -4.01 dB mW/g

Plot 25:

Date/Time: 3/16/2012 10:00:02 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

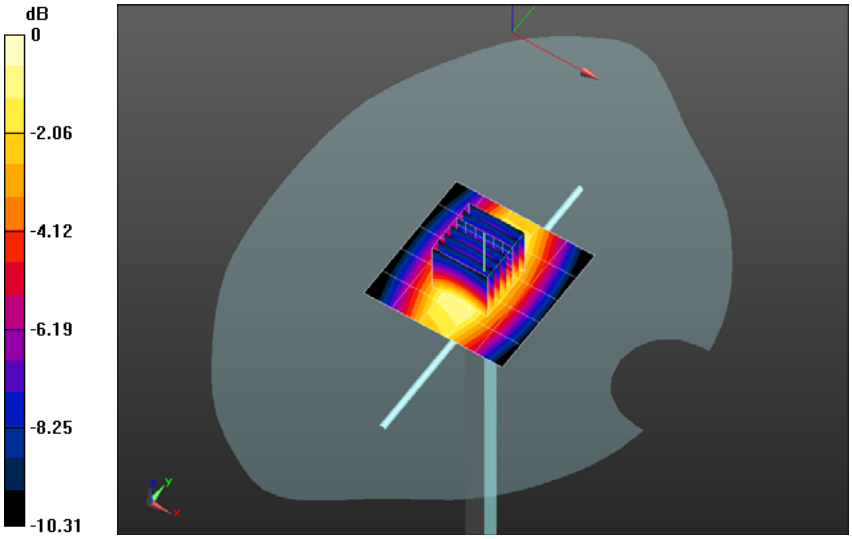
Communication System: CW; Frequency: 835 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 835 MHz; σ = 0.91 mho/m; ε_r = 42.07; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran; Air Temperature: 23.8C; Medium Temperature: 21.0C ;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.16, 6.16, 6.16);
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.949 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 115.9 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 14.2650
SAR(1 g) = 9.83 mW/g; SAR(10 g) = 6.47 mW/g
Maximum value of SAR (measured) = 10.595 mW/g



0 dB = 10.590mW/g = 20.50 dB mW/g

Plot 26:

Date/Time: 3/16/2012 11:44:44 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

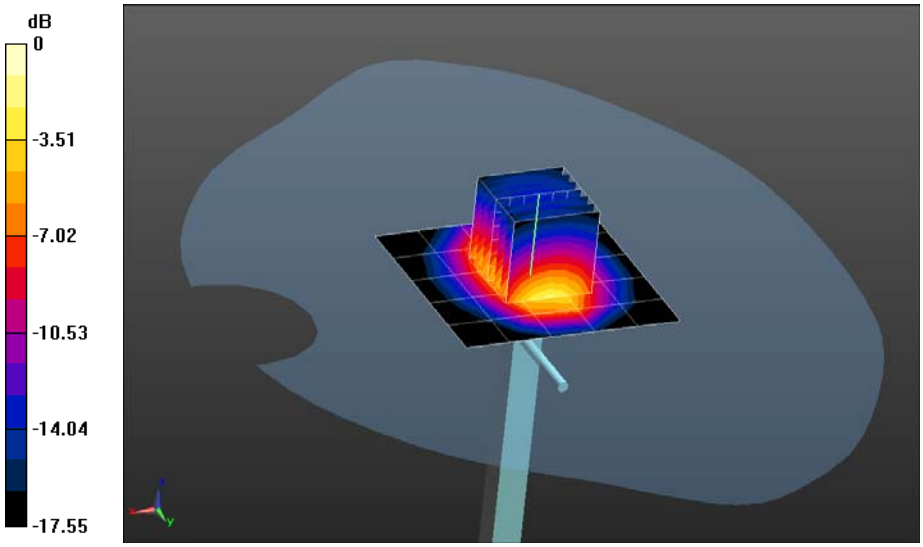
Communication System: CW; Frequency: 1900 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1900 MHz; σ = 1.41 mho/m; ε_r = 40.13; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:; Zack Gray Air Temperature:; 22.2 C Medium Temperature:; 20 C

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.0(692);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe) 2/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 38.670 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe) 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 191.6 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 72.2770
SAR(1 g) = 39.2 mW/g; SAR(10 g) = 20.4 mW/g
Maximum value of SAR (measured) = 49.978 mW/g



0 dB = 49.980mW/g = 33.98 dB mW/g

Plot 27:

Date/Time: 3/16/2012 3:28:16 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

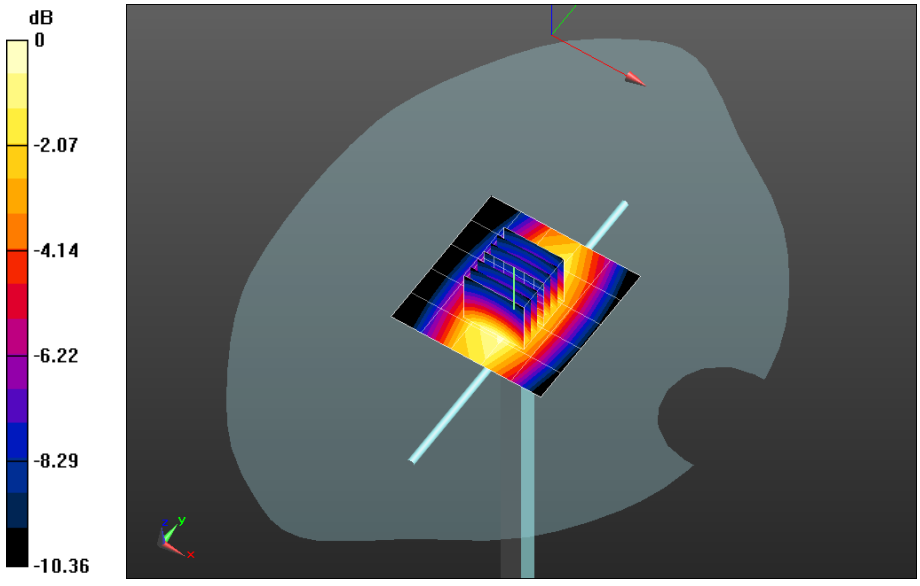
Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 835 MHz; σ = 0.997 mho/m; ε_r = 53.66; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran ; Air Temperature: 24.6C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.21, 6.21, 6.21);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 12.135 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 118.9 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 16.0460
SAR(1 g) = 10.5 mW/g; SAR(10 g) = 6.88 mW/g
Maximum value of SAR (measured) = 12.338 mW/g



0 dB = 12.340mW/g = 21.83 dB mW/g

Plot 28:

Date/Time: 3/19/2012 10:00:50 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

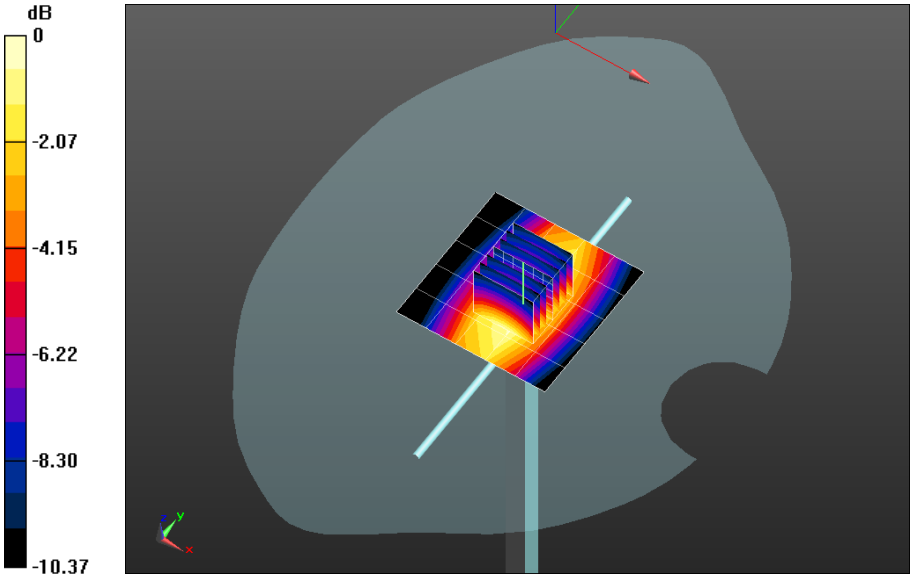
Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 835 MHz; σ = 0.995 mho/m; ε_r = 53.58; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy Tran ; Air Temperature: 21.4C; Medium Temperature: 20.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.21, 6.21, 6.21);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.0(692);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 11.863 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 112.9 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 16.1050
SAR(1 g) = 10.6 mW/g; SAR(10 g) = 6.9 mW/g
Maximum value of SAR (measured) = 12.373 mW/g



0 dB = 12.370mW/g = 21.85 dB mW/g

Plot 29:

Date/Time: 3/16/2012 10:57:21 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

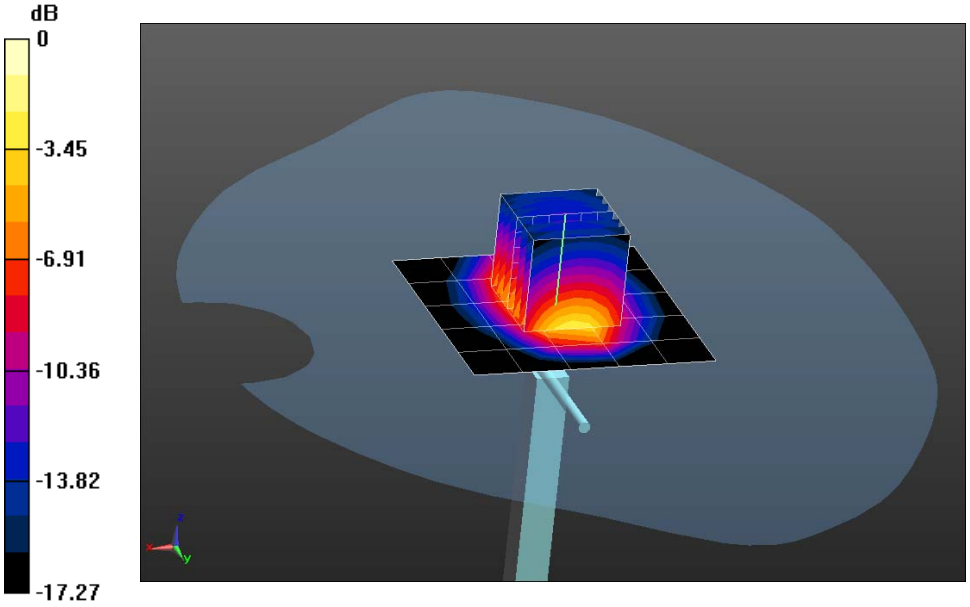
Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 100824-3
Medium parameters used: f = 1900 MHz; σ = 1.493 mho/m; ε_r = 51.28; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:; Zack Gray Air Temperature:; 22.2 C Medium Temperature:; 20 C

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.0(692);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe) 2/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 37.313 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe) 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 180.1 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 67.3530
SAR(1 g) = 38.2 mW/g; SAR(10 g) = 20 mW/g
Maximum value of SAR (measured) = 48.200 mW/g



0 dB = 48.200mW/g = 33.66 dB mW/g

Plot 30:

Date/Time: 3/19/2012 10:48:01 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

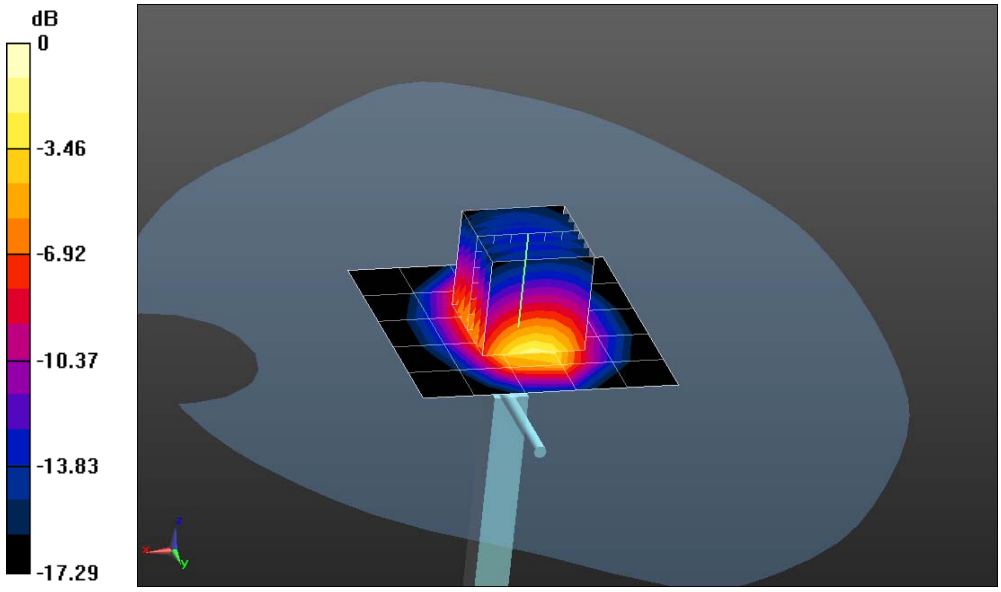
Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 100824-3
Medium parameters used: f = 1900 MHz; σ = 1.569 mho/m; ε_r = 51.52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:; Zack Gray Air Temperature:; 21.1 C Medium Temperature:; 19.3 C

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.0(692);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe) 2/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 34.869 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe) 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 184.2 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 69.0820
SAR(1 g) = 38.7 mW/g; SAR(10 g) = 20.1 mW/g
Maximum value of SAR (measured) = 49.492 mW/g



0 dB = 49.490mW/g = 33.89 dB mW/g