

Plot 1:

Date/Time: 2/13/2012 4:09:32 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: Not Specified; Serial: 1024009

Communication System: GPRS-FDD (2 Timeslots); Frequency: 836.6 MHz

Medium: MSL900_Batch 100818-1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.02$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: ;kathy tran Air Temperature: ;22.5C Medium Temperature: ;21.2C

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: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.0(692);

Flat-Section/Front 0mm with White holster_GPRS 2 UP TS-836.6MHz/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.735 mW/g

Flat-Section/Front 0mm with White holster_GPRS 2 UP TS-836.6MHz/Zoom Scan (7x7x7)/Cube 0:

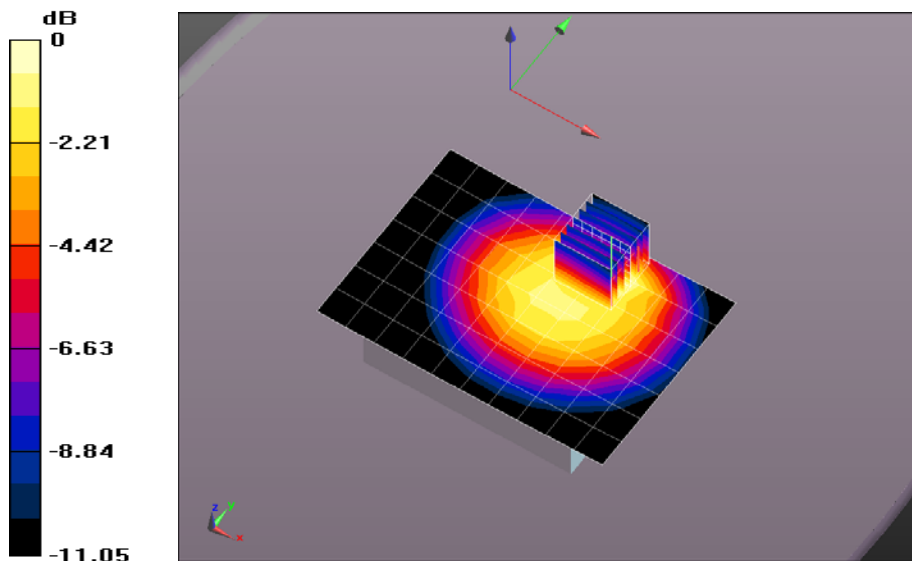
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.630 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.0260

SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.415 mW/g

Maximum value of SAR (measured) = 0.776 mW/g



0 dB = 0.780mW/g = -2.16 dB mW/g

Plot 2

Date/Time: 2/13/2012 4:42:45 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: Not Specified; Serial: 1024009

Communication System: GPRS-FDD (2 Timeslots); Frequency: 836.6 MHz

Medium: MSL900_Batch 100818-1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.02$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: ;kathy tran Air Temperature: 22.6C Medium Temperature: 21.2C

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: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.0(692);

Flat-Section/Back 0mm with White holster_GPRS 2 UP TS_836.6MHz/Area Scan (10x9x1):Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.899 mW/g

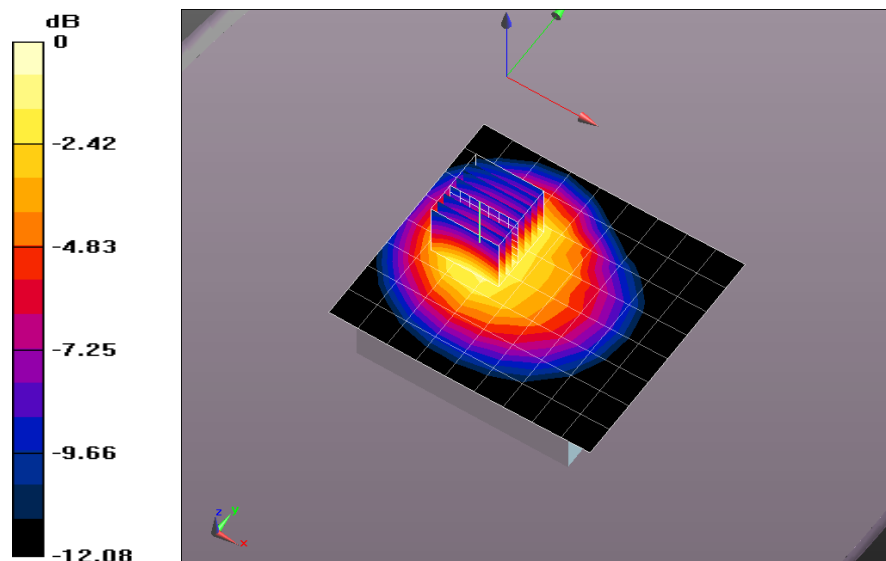
Flat-Section/Back 0mm with White holster_GPRS 2 UP TS_836.6MHz/Zoom Scan (8x8x7)/Cube 0:Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.215 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.2020

SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.533 mW/g

Maximum value of SAR (measured) = 0.932 mW/g



0 dB = 0.930mW/g = -0.63 dB mW/g

Plot 3

Date/Time: 2/13/2012 5:16:11 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: Not Specified; Serial: 1024009

Communication System: GPRS-FDD (2 Timeslots); Frequency: 836.6 MHz

Medium: MSL900_Batch 100818-1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.02$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy Tran; Air Temperature: 22.8C; Medium Temperature: 21.2C;

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: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.0(692);

Flat-Section/Back 0mm with Black holster_GPRS 2 UP TS_836.6MHz/Area Scan (10x8x1):Measurement grid: $dx=15$ mm, $dy=15$ mm

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

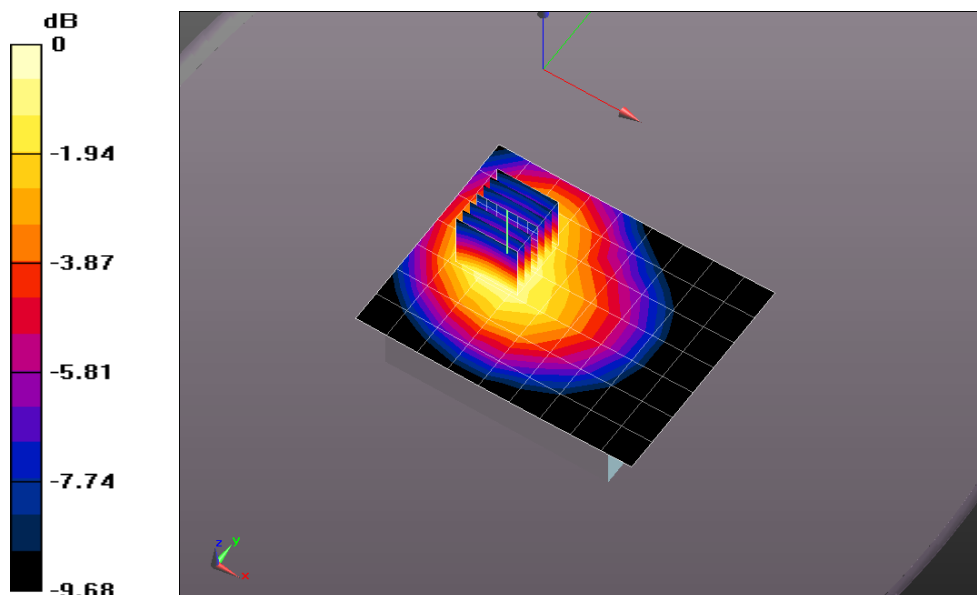
Flat-Section/Back 0mm with Black holster_GPRS 2 UP TS_836.6MHz/Zoom Scan (7x7x7)/Cube 0:Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.999 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.5220

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 0.419 mW/g



0 dB = 0.420mW/g = -7.54 dB mW/g

Plot 4

Date/Time: 2/13/2012 5:54:53 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: Not Specified; Serial: 1024009

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz

Medium: MSL900_Batch 100818-1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.02$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: ;kathy tran Air Temperature: ; 22.5C Medium Temperature: 21.2C

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: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.0(692);

Flat-Section/Back 0mm with White holster_GPRS 1 UP TS_836.6MHz/Area Scan (10x9x1):Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.636 mW/g

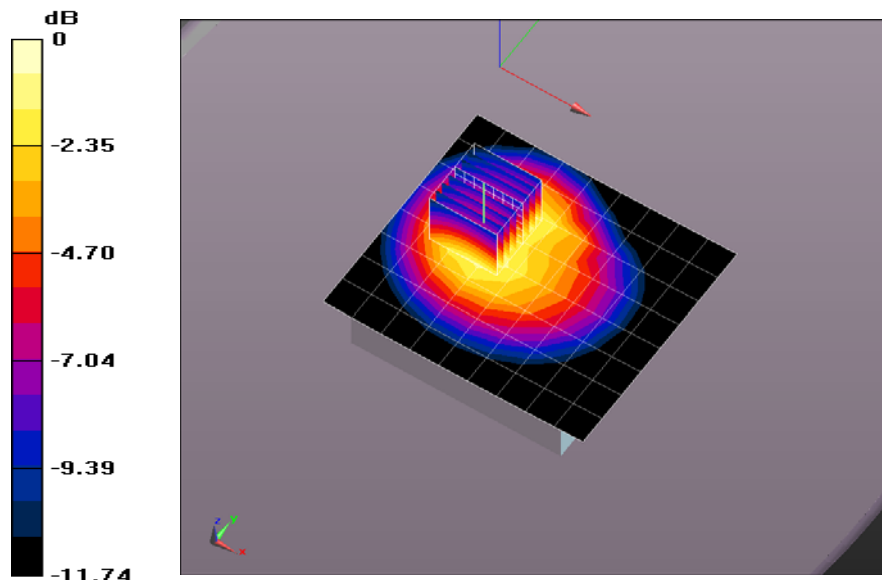
Flat-Section/Back 0mm with White holster_GPRS 1 UP TS_836.6MHz/Zoom Scan (8x8x7)/Cube 0:Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.181 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.8510

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.385 mW/g

Maximum value of SAR (measured) = 0.659 mW/g



0 dB = 0.660mW/g = -3.61 dB mW/g

Plot 5

Date/Time: 2/16/2012 1:52:10 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Aera CT; Type: TZ Medical; Serial: 1024009

Communication System: GPRS 2 Timeslots; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.85$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: ; Zack Gray Air Temperature: ; 22.6 C Medium Temperature: ; 20 C

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
- DASYS2 52.8.0(692);

Flat-Section/Front 0mm_White Case/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.235 mW/g

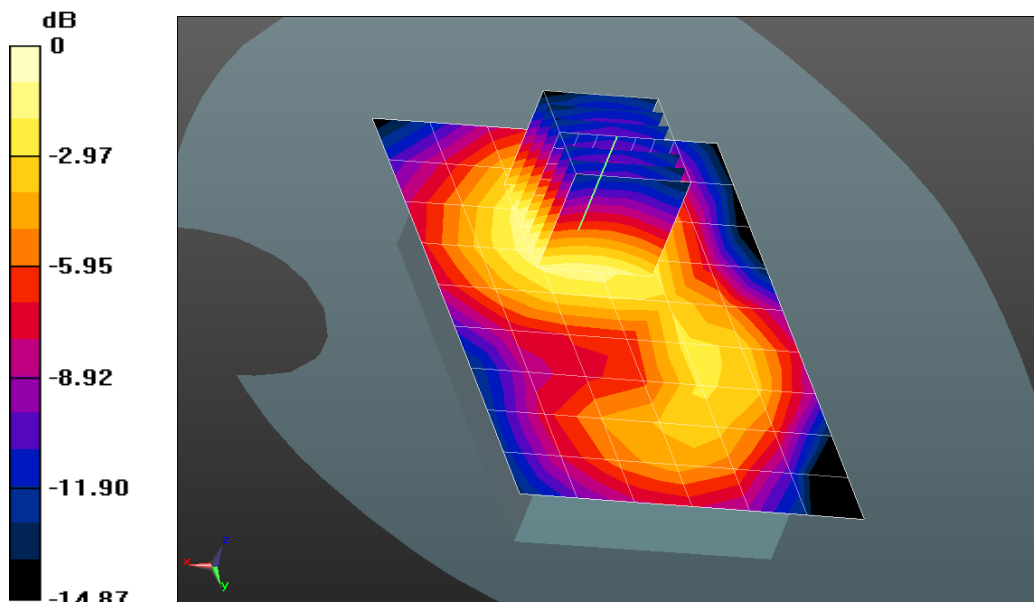
Flat-Section/Front 0mm_White Case/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.614 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.3110

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.240mW/g = -12.40 dB mW/g

Plot 6

Date/Time: 2/16/2012 11:32:51 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Aera CT; Type: TZ Medical; Serial: 1024009

Communication System: GPRS 2 Timeslots; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.85$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: ; Zack Gray Air Temperature: ; 22.6 C 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
- DASYS2 52.8.0(692);

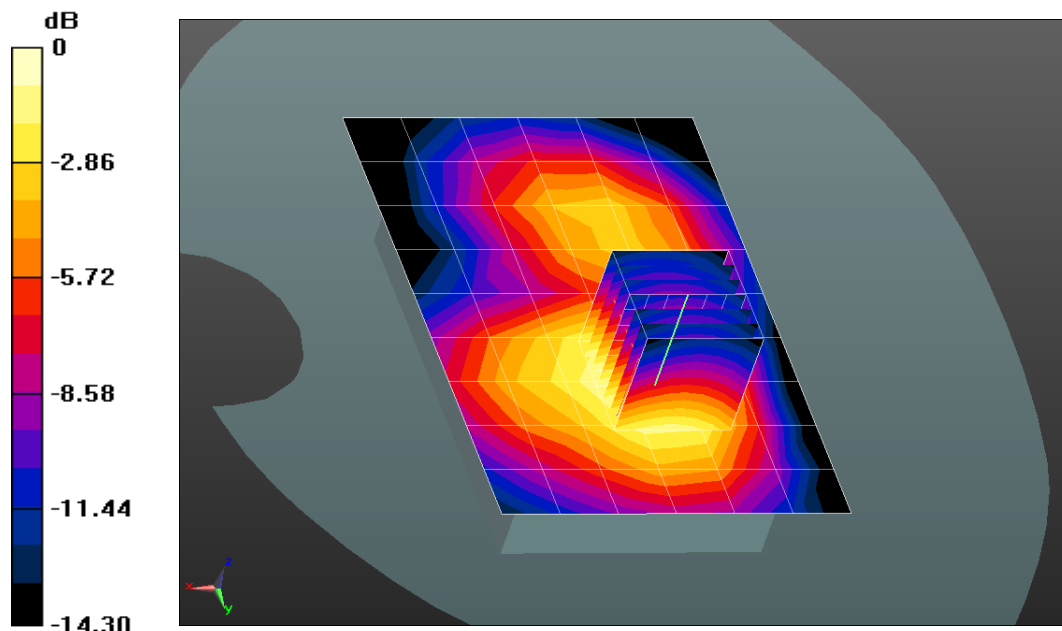
Flat-Section/Back 0mm_White Case/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.549 mW/g**Flat-Section/Back 0mm_White Case/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm,
 $dy=5$ mm, $dz=5$ mm

Reference Value = 13.210 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.7360

SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.573 mW/g



0 dB = 0.570mW/g = -4.88 dB mW/g

Plot 7

Date/Time: 2/16/2012 2:31:37 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Aera CT; Type: TZ Medical; Serial: 1024009

Communication System: GPRS 2 Timeslots; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.85$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Josie; Air Temperature: 23.2; Medium Temperature: 22.6C; 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
- DASYS2 52.8.0(692);

Flat-Section/Back 0mm_Black Case/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.266 mW/g

Flat-Section/Back 0mm_Black Case/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.494 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.3380

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.262 mW/g

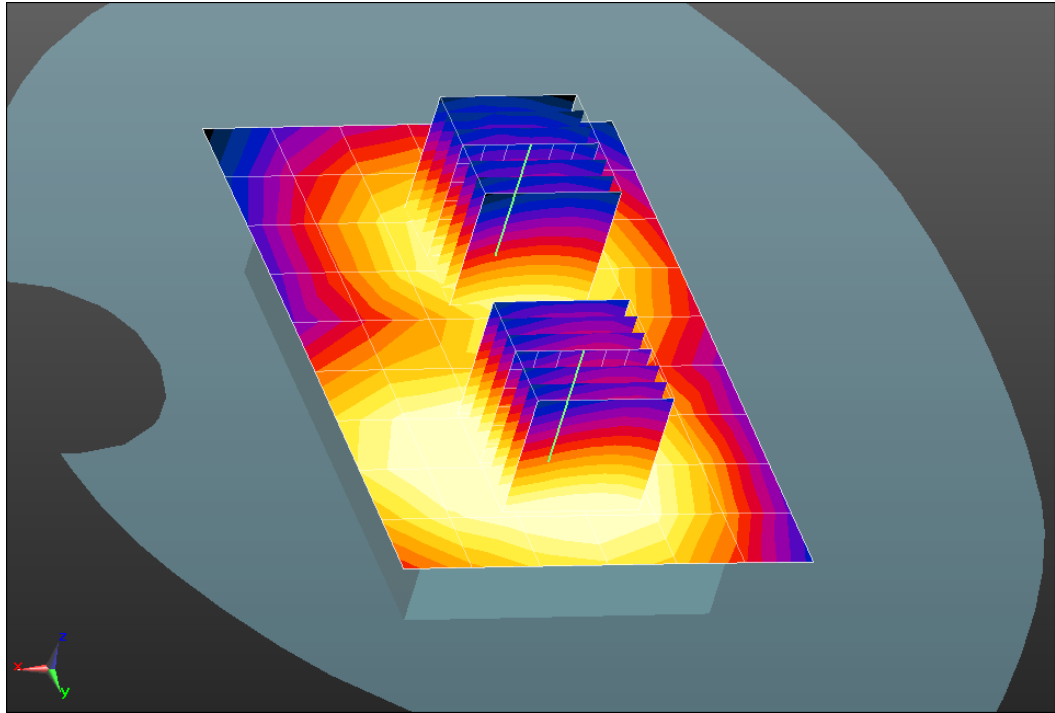
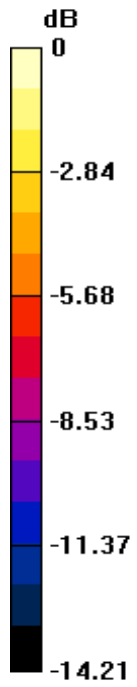
Flat-Section/Back 0mm_Black Case/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.494 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.2340

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.183 mW/g



0 dB = 0.180mW/g = -14.89 dB mW/g

Plot 8

Date/Time: 2/16/2012 3:07:47 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Aera CT; Type: TZ Medical; Serial: 1024009

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.85$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Josie; Air Temperature: 23C; Medium Temperature: 22.6C; 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
- DASYS2 52.8.0(692);

Flat-Section/Back 0mm_White Case 1 TS/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.373 mW/g

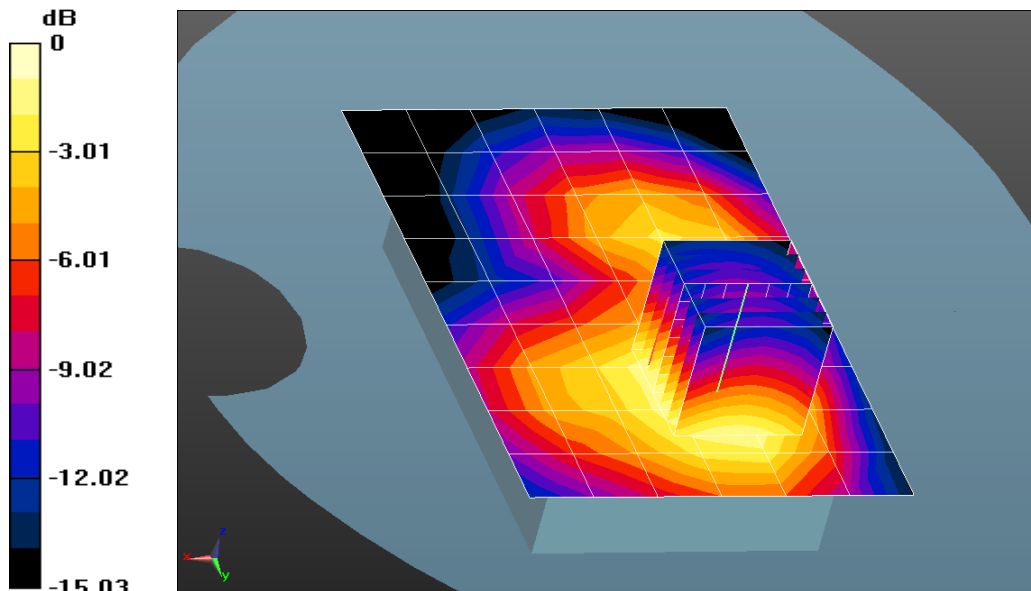
Flat-Section/Back 0mm_White Case 1 TS/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.805 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.5110

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.215 mW/g

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



0 dB = 0.400mW/g = -7.96 dB mW/g

Plot 9

Date/Time: 2/13/2012 9:10:47 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; $\sigma = 0.998$ mho/m; $\epsilon_r = 54.02$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: ; Kathy Tran Air Temperature: ; 21.1C Medium Temperature: ; 21.4C

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: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.0(692);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 10.784 mW/g

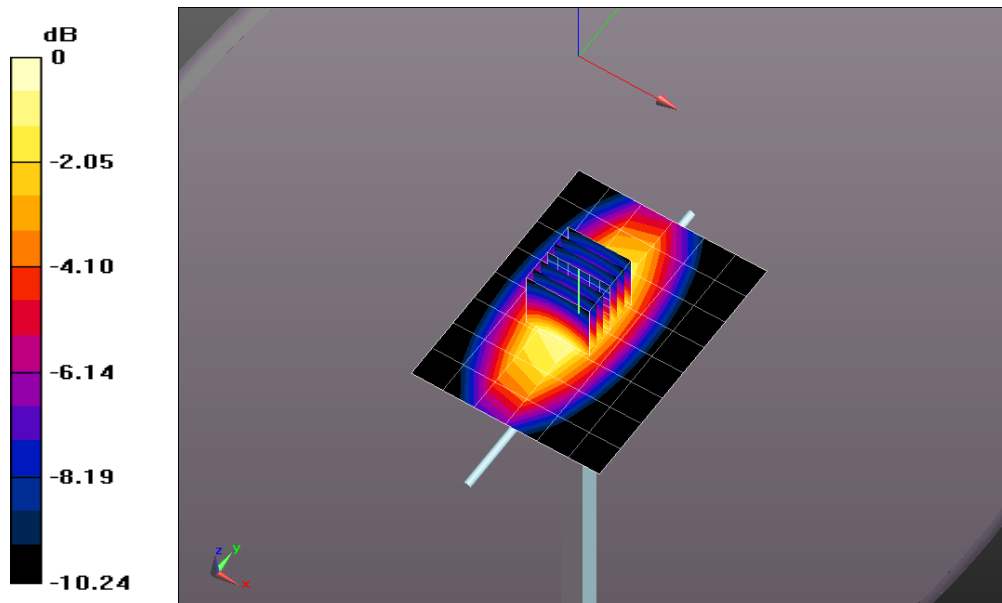
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 112.1 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 15.1810

SAR(1 g) = 9.96 mW/g; SAR(10 g) = 6.52 mW/g

Maximum value of SAR (measured) = 11.670 mW/g



0 dB = 11.670mW/g = 21.34 dB mW/g

Plot 10

Date/Time: 2/16/2012 9:36:33 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; $\sigma = 1.484$ mho/m; $\epsilon_r = 51.61$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: ; Zack Gray Air Temperature: ; 22.6 C 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
- DASYS2 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: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 35.174 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)

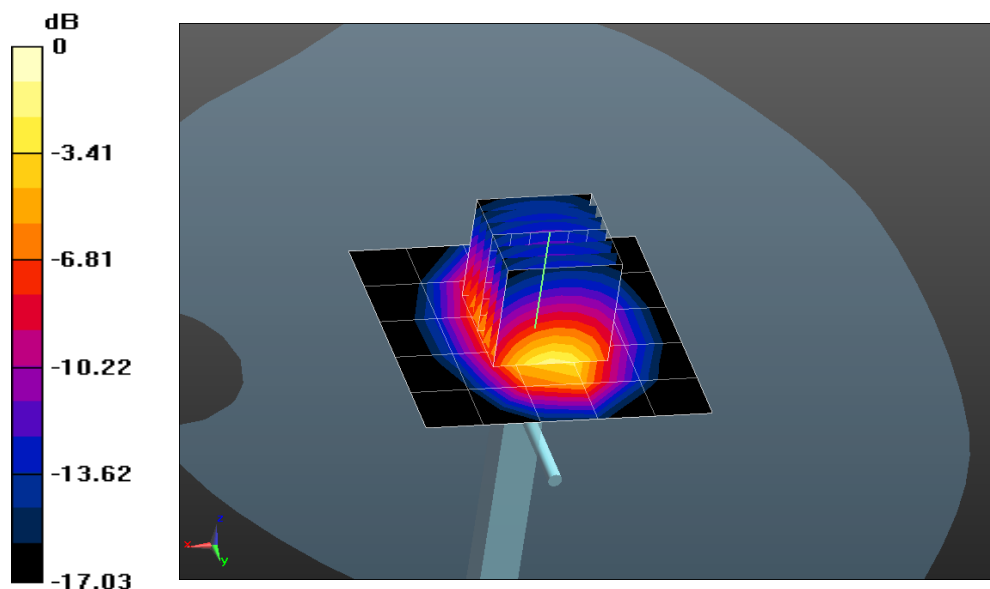
2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 181.2 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 65.8010

SAR(1 g) = 37 mW/g; SAR(10 g) = 19.3 mW/g

Maximum value of SAR (measured) = 46.909 mW/g



0 dB = 46.910mW/g = 33.43 dB mW/g