

Plot 131

Date/Time: 3/20/2013 11:54:52 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8850

Communication System: GPRS 4 TS; Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.9C; Medium Temperature: 23C; 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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-20-13/Back 15mm_4 TS__1880MHz/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.318 mW/g

Flat section Body worn accessory 3-20-13/Back 15mm_4 TS__1880MHz/Zoom Scan (5x5x7)/Cube 0:

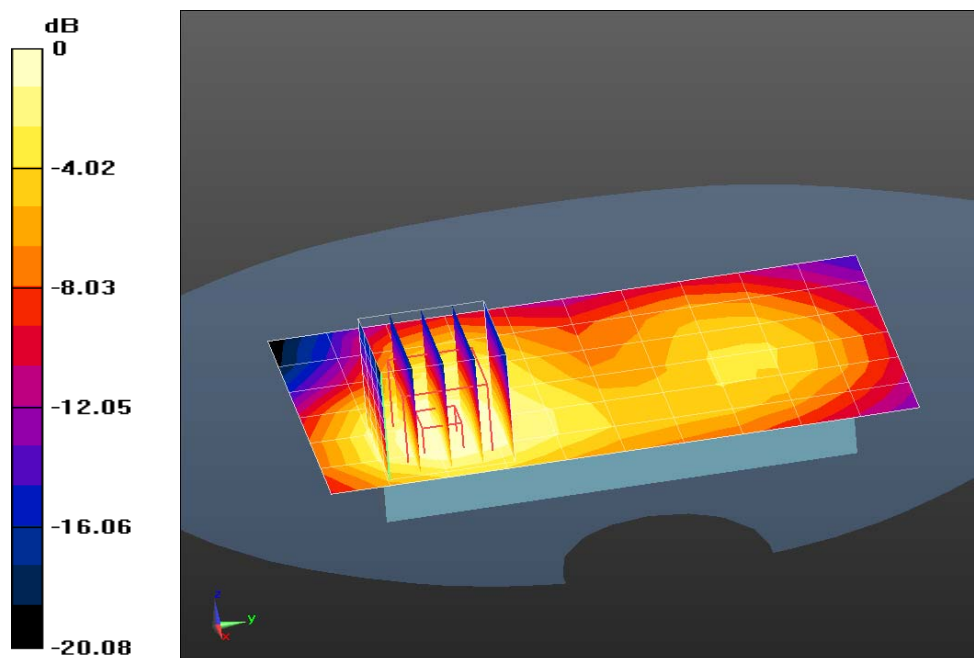
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.340 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.454 mW/g

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.344 mW/g



0 dB = 0.318 mW/g = -9.94 dB mW/g

Plot 132

Date/Time: 3/20/2013 12:13:32 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8850

Communication System: GPRS 4 TS; Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.7C; Medium Temperature: 22.1C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-20-13/Front 15mm_4 TS_1880MHz/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.188 mW/g

Flat section Body worn accessory 3-20-13/Front 15mm_4 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0:

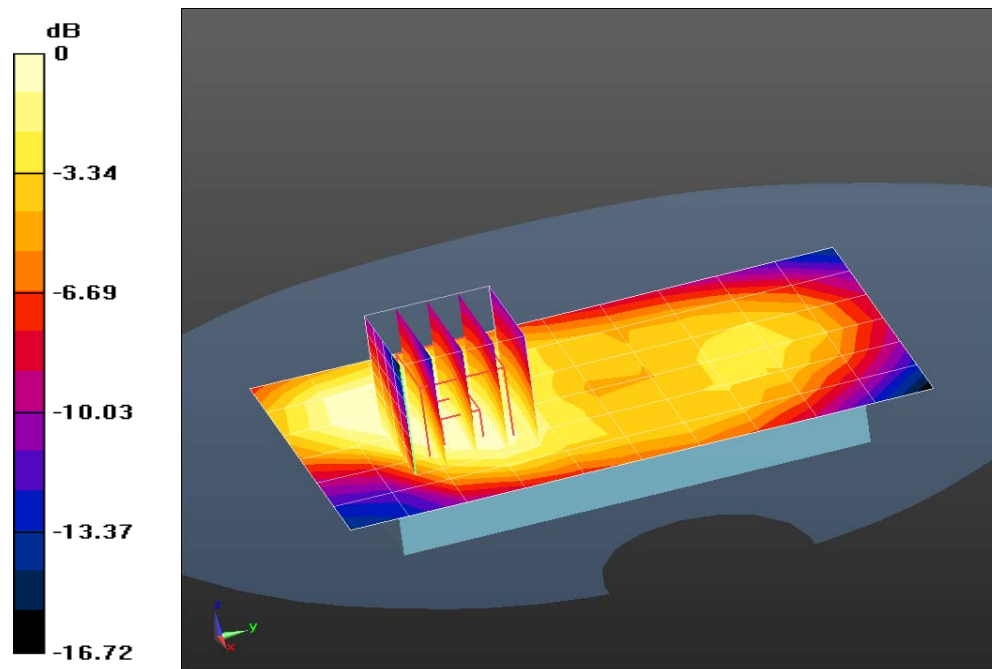
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.950 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.276 mW/g

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.212 mW/g



0 dB = 0.188 mW/g = -14.53 dB mW/g

Plot 133

Date/Time: 3/20/2013 1:02:39 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8850

Communication System: GPRS 4 TS; Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.6C; Medium Temperature: 22.1C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-20-13/Back 0mm_Holster_4 TS__1880MHz/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.189 mW/g

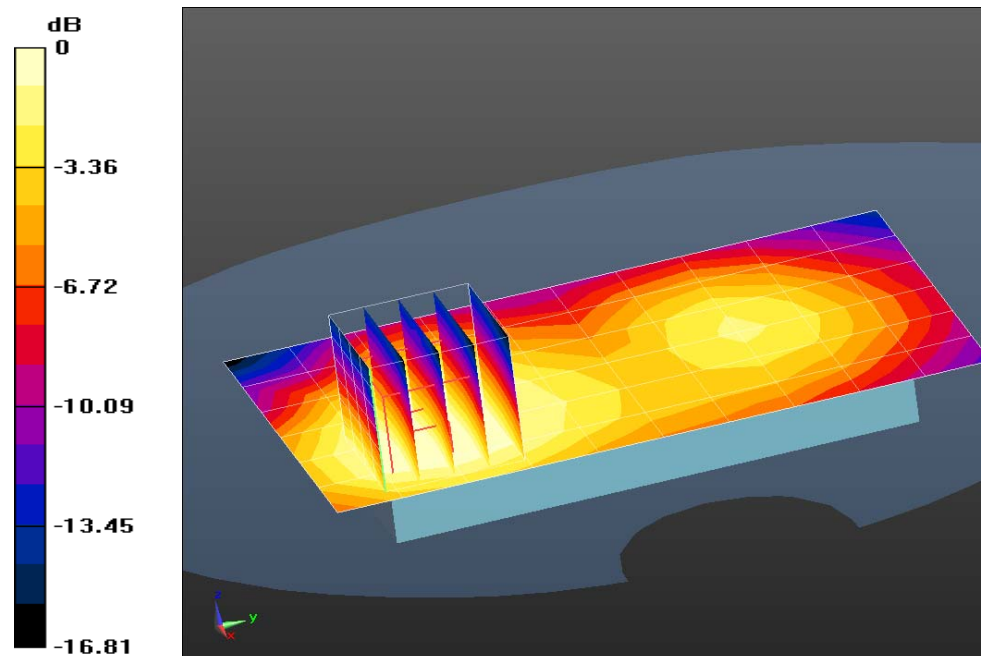
Flat section Body worn accessory 3-20-13/Back 0mm_Holster_4 TS__1880MHz/Zoom Scan
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.222 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.253 mW/g

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.193 mW/g



0 dB = 0.189 mW/g = -14.48 dB mW/g

Plot 134

Date/Time: 3/20/2013 1:20:22 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8850

Communication System: GPRS 4 TS; Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.8C; Medium Temperature: 22.1C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-20-13/Front 0mm_Holster_4 TS_1880MHz/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.131 mW/g

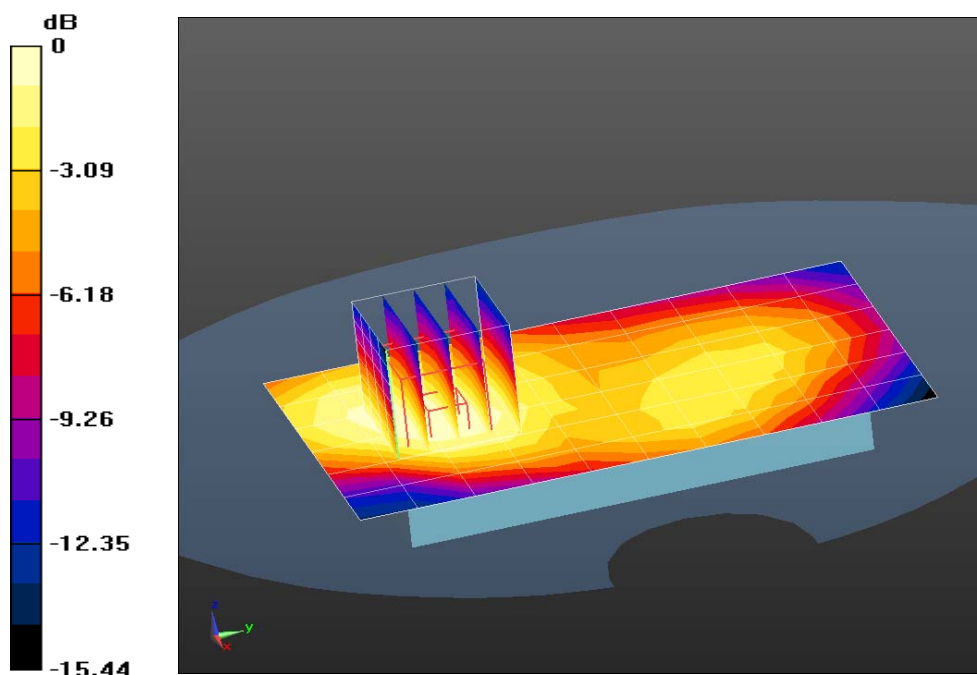
Flat section Body worn accessory 3-20-13/Front 0mm_Holster_4 TS_1880MHz/Zoom Scan
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.607 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.173 mW/g

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.133 mW/g



0 dB = 0.131 mW/g = -17.64 dB mW/g

Plot 135

Date/Time: 3/20/2013 2:15:42 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8850

Communication System: GPRS-FDD (3 Timeslots); Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 52.062$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.4C; Medium Temperature: 22.9C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Body worn accessory 2 3-20-13/Back 15mm_3 TS__1880MHz/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.296 mW/g

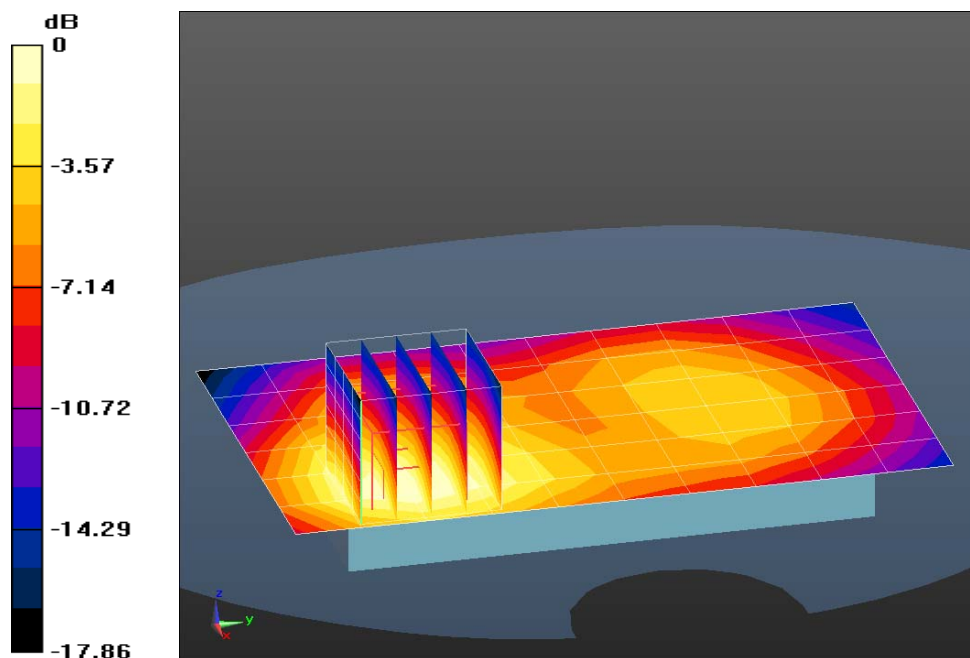
Flat section Body worn accessory 2 3-20-13/Back 15mm_3 TS__1880MHz/Zoom Scan (5x5x7)/Cube
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.366 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.400 mW/g

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 0.301 mW/g



0 dB = 0.296 mW/g = -10.56 dB mW/g

Plot 136

Date/Time: 3/20/2013 3:15:46 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8850

Communication System: GPRS-FDD (2 Timeslots); Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 52.062$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.3C; Medium Temperature: 22.9C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Body worn accessory 2 3-20-13/Back 15mm_2 TS__1880MHz/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.347 mW/g

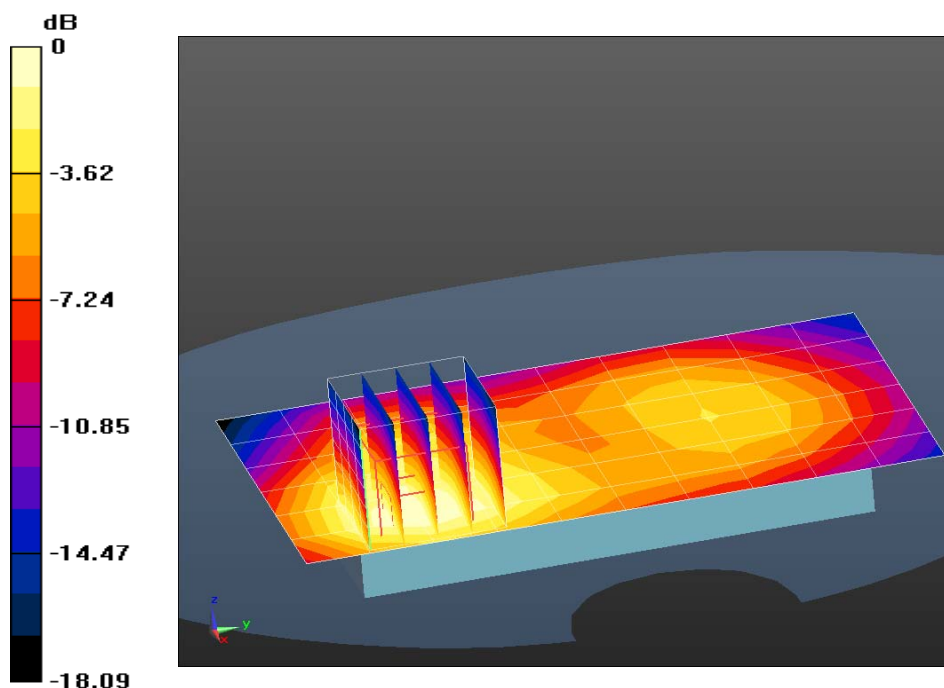
Flat section Body worn accessory 2 3-20-13/Back 15mm_2 TS__1880MHz/Zoom Scan (5x5x7)/Cube
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.190 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.477 mW/g

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.356 mW/g



0 dB = 0.347 mW/g = -9.18 dB mW/g

Plot 137

Date/Time: 3/20/2013 4:00:41 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8850

Communication System: GPRS-FDD (2 Timeslots); Frequency: 1850.2 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.465$ mho/m; $\epsilon_r = 52.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 23.7C; Medium Temperature: 22.9C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Body worn accessory 2 3-20-13/Back 15mm_2 TS__1850.2MHz/Area Scan (7x11x1):

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

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

Maximum value of SAR (measured) = 0.299 mW/g

Flat section Body worn accessory 2 3-20-13/Back 15mm_2 TS__1850.2MHz/Zoom Scan (5x5x7)/Cube

0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

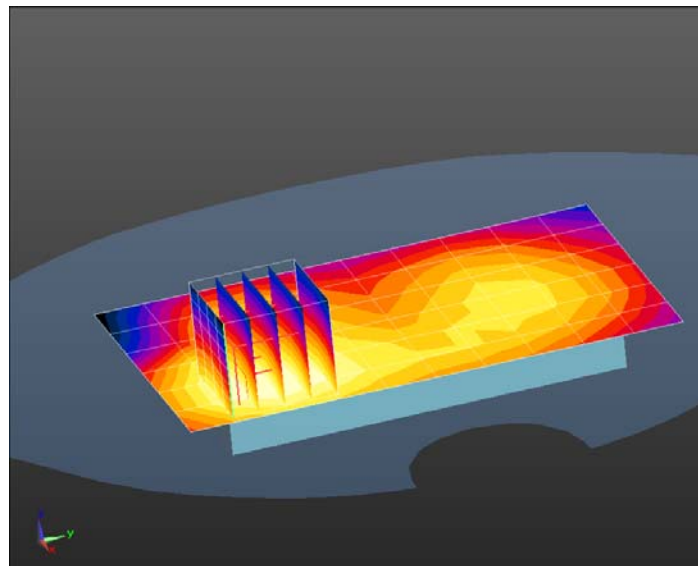
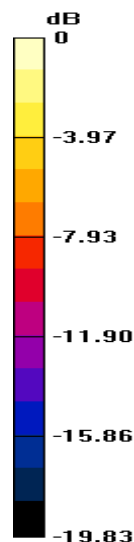
Reference Value = 12.835 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.408 mW/g

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.159 mW/g

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

Maximum value of SAR (measured) = 0.307 mW/g



0 dB = 0.299 mW/g = -10.50 dB mW/g

Plot 138

Date/Time: 3/20/2013 4:19:40 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8850

Communication System: GPRS-FDD (2 Timeslots); Frequency: 1909.8 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.532$ mho/m; $\epsilon_r = 51.959$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 23.3C; Medium Temperature: 22.9C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Body worn accessory 2 3-20-13/Back 15mm_2 TS__1909.8MHz/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.394 mW/g

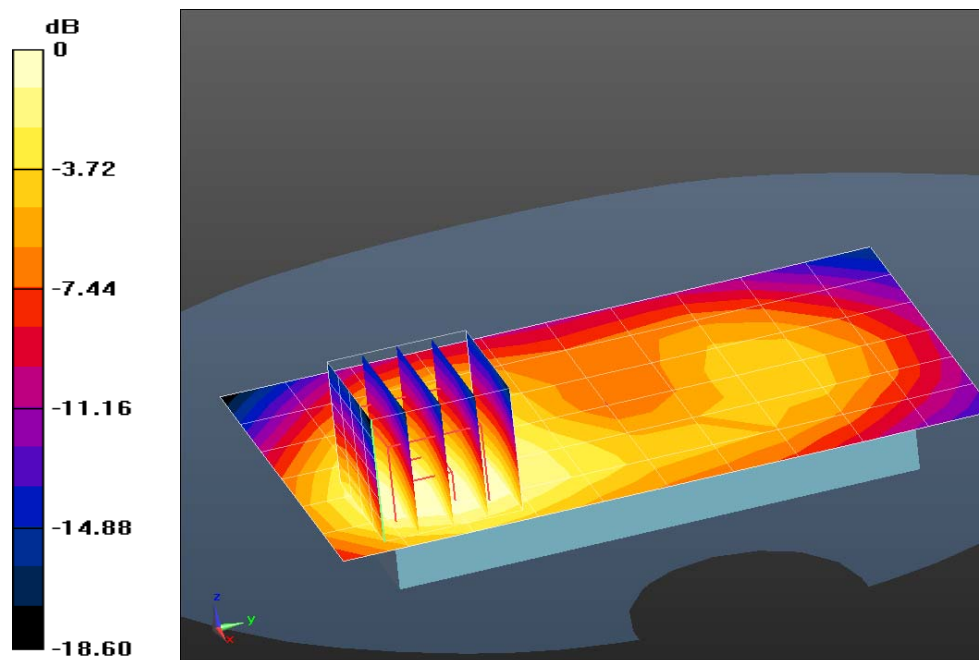
Flat section Body worn accessory 2 3-20-13/Back 15mm_2 TS__1909.8MHz/Zoom Scan (5x5x7)/Cube
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.284 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.566 mW/g

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.434 mW/g



0 dB = 0.394 mW/g = -8.09 dB mW/g

Plot 139

Date/Time: 3/20/2013 3:35:19 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8850

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

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 52.062$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 22.2C; Medium Temperature: 22.9C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Body worn accessory 2 3-20-13/Back 15mm_1 TS__1880MHz/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.226 mW/g

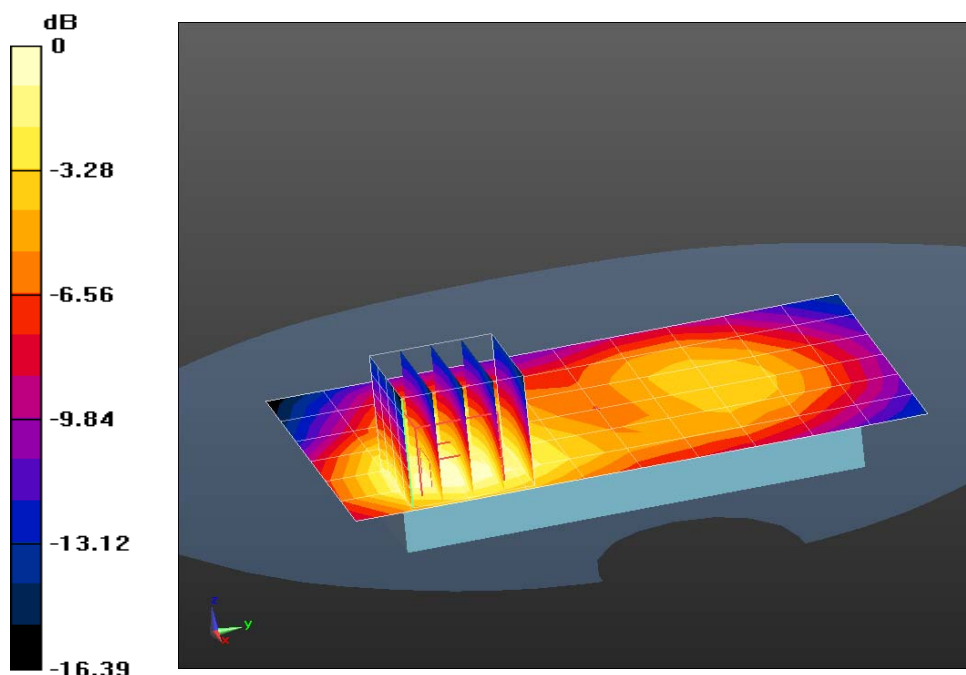
Flat section Body worn accessory 2 3-20-13/Back 15mm_1 TS__1880MHz/Zoom Scan (5x5x7)/Cube
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.499 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.312 mW/g

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.235 mW/g



0 dB = 0.226 mW/g = -12.93 dB mW/g

Plot 140

Date/Time: 3/20/2013 5:27:00 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8850

Communication System: GPRS-FDD (2 Timeslots); Frequency: 1909.8 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.532$ mho/m; $\epsilon_r = 51.959$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.9C; Medium Temperature: 22.9C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Body worn accessory 2 3-20-13/Back 15mm_2 TS__1909.8MHz with Headset/Area Scan
(7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.395 mW/g

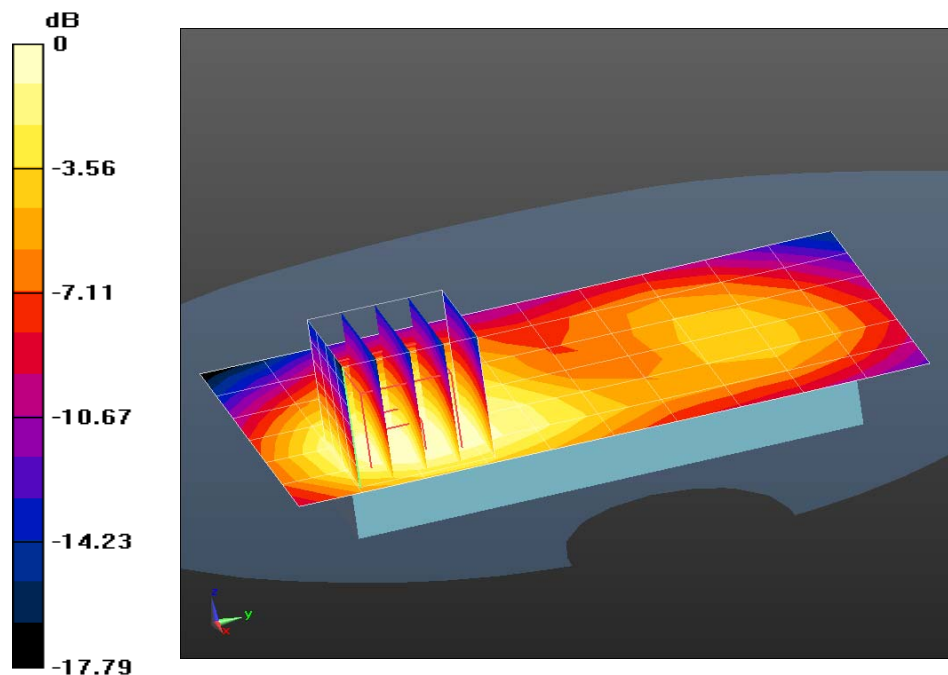
Flat section Body worn accessory 2 3-20-13/Back 15mm_2 TS__1909.8MHz with Headset/Zoom Scan
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.400 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.568 mW/g

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.226 mW/g

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



0 dB = 0.395 mW/g = -8.07 dB mW/g

Plot 141

Date/Time: 3/20/2013 5:49:34 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8850

Communication System: GPRS-FDD (2 Timeslots); Frequency: 1909.8 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.532$ mho/m; $\epsilon_r = 51.959$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.7C; Medium Temperature: 22.9C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Body worn accessory 2 3-20-13/Back 15mm_2 TS__1909.8MHz with 2nd battery/Area
Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.418 mW/g

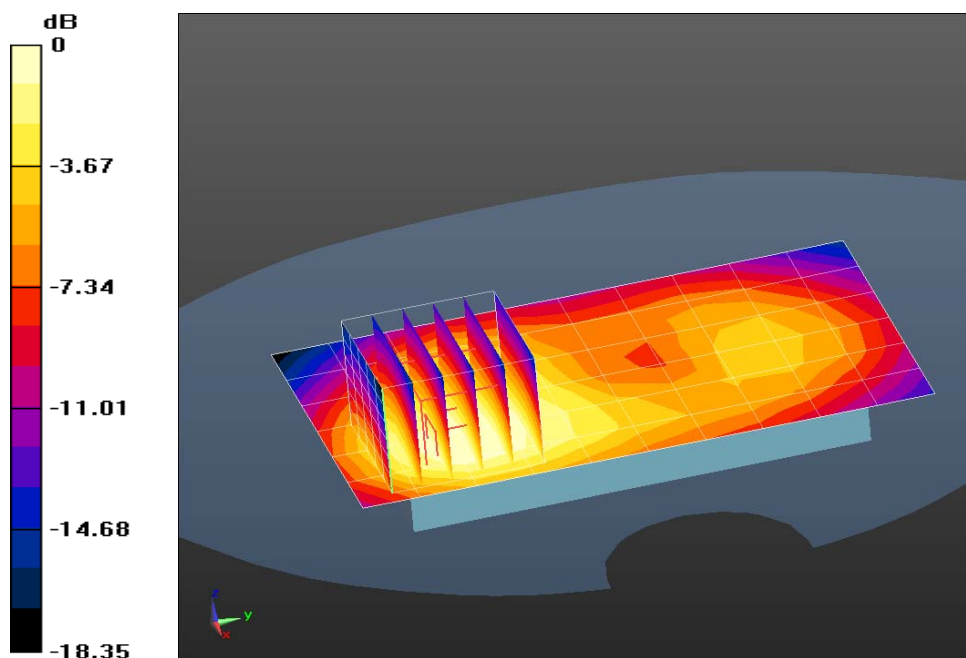
Flat section Body worn accessory 2 3-20-13/Back 15mm_2 TS__1909.8MHz with 2nd battery/Zoom
Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.101 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.587 mW/g

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.237 mW/g

Maximum value of SAR (measured) = 0.438 mW/g



0 dB = 0.418 mW/g = -7.58 dB mW/g

Plot 142

Date/Time: 3/14/2013 1:49:08 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 836.52 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ mho/m; $\epsilon_r = 52.974$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: John; Air Temperature: 24.8C ; Medium Temperature: 22.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASYS2 52.8.1(838);

Flat section Body worn accessory 3-14/Back 15mm_836.6MHz/Area Scan (7x11x1): Measurement

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

Maximum value of SAR (measured) = 0.767 mW/g

Flat section Body worn accessory 3-14/Back 15mm_836.6MHz/Zoom Scan (5x6x7)/Cube 0:

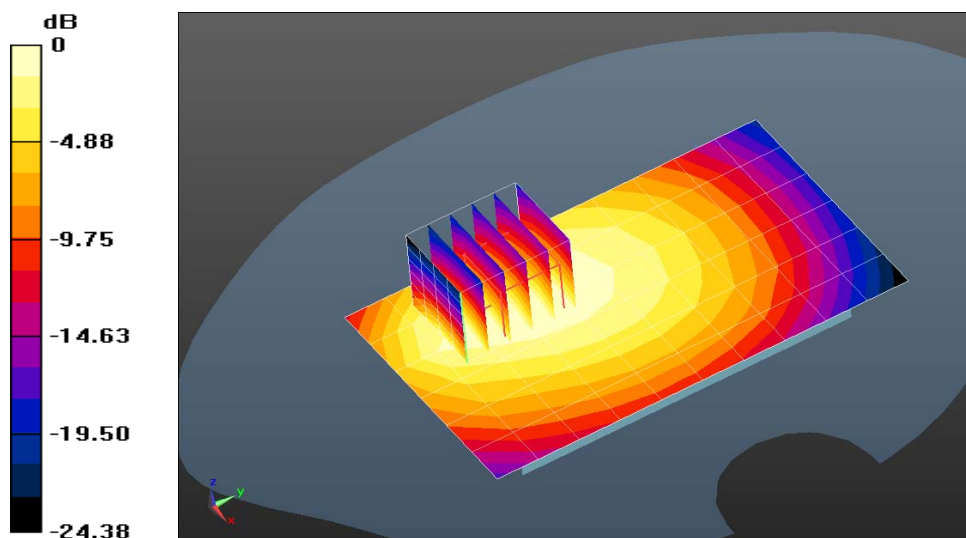
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.344 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.048 mW/g

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 0.803 mW/g



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

Plot 143

Date/Time: 3/14/2013 2:06:43 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 836.52 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ mho/m; $\epsilon_r = 52.974$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature:25.2 ; Medium Temperature:22.7 ; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-14/Front 15mm_836.6MHz/Area Scan (7x11x1): Measurement

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

Maximum value of SAR (measured) = 0.593 mW/g

Flat section Body worn accessory 3-14/Front 15mm_836.6MHz/Zoom Scan (6x7x7)/Cube 0:

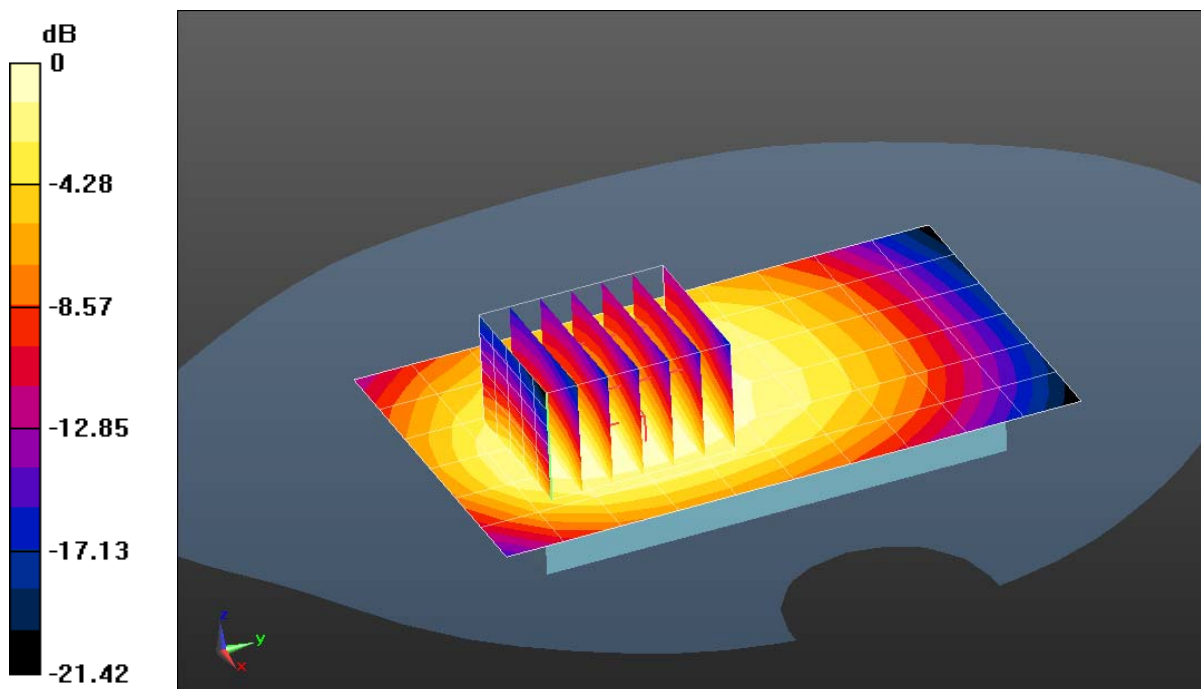
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.002 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.744 mW/g

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.404 mW/g

Maximum value of SAR (measured) = 0.623 mW/g



0 dB = 0.593 mW/g = -4.54 dB mW/g

Plot 144

Date/Time: 3/14/2013 3:31:53 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: CDMA RC3; Frequency: 836.52 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.016$ mho/m; $\epsilon_r = 52.671$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 24.8C ; Medium Temperature: 23.7C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-14 2/Back 0mm_Holster_836.6MHz/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.470 mW/g

Flat section Body worn accessory 3-14 2/Back 0mm_Holster_836.6MHz/Zoom Scan (5x5x7)/Cube 0:

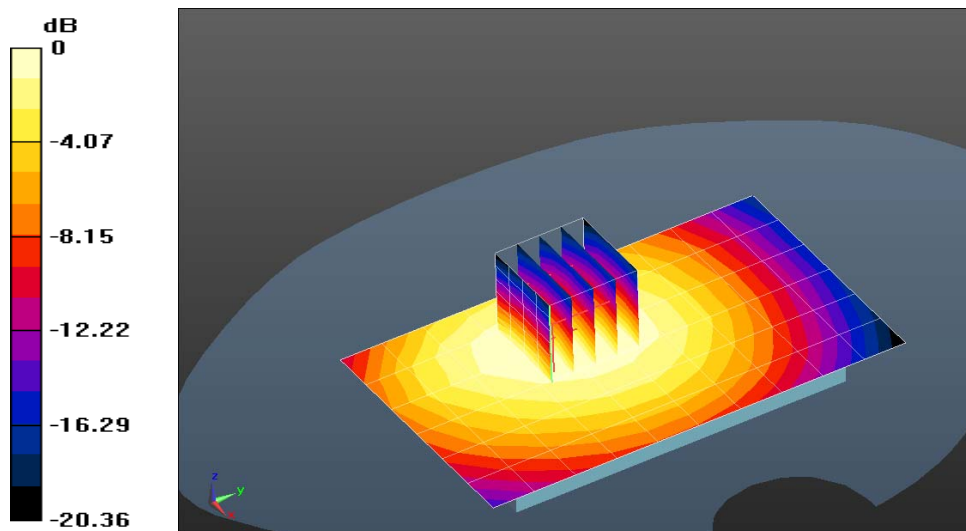
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.005 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.558 mW/g

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.475 mW/g



0 dB = 0.470 mW/g = -6.55 dB mW/g

Plot 145

Date/Time: 3/14/2013 4:07:59 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: CDMA RC3; Frequency: 836.52 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.016$ mho/m; $\epsilon_r = 52.671$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature:23.4 ; Medium Temperature:23C ; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-14 2/Front 0mm_Holster_836.6MHz/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.438 mW/g

Flat section Body worn accessory 3-14 2/Front 0mm_Holster_836.6MHz/Zoom Scan (5x5x7)/Cube 0:

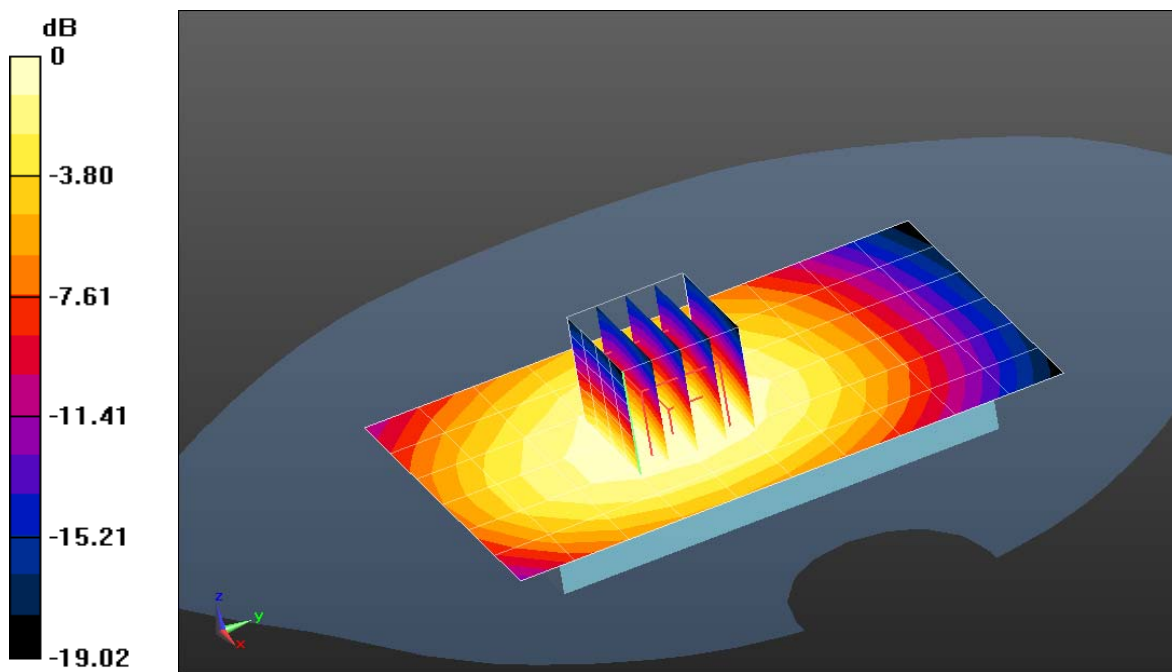
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.907 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.525 mW/g

SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 0.447 mW/g



0 dB = 0.438 mW/g = -7.16 dB mW/g

Plot 146

Date/Time: 3/14/2013 4:54:15 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: CDMA RC3; Frequency: 824.7 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 825$ MHz; $\sigma = 1.004$ mho/m; $\epsilon_r = 52.801$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 24.5C ; Medium Temperature: 23C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-14 2/Back 15mm_824.7MHz/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.725 mW/g

Flat section Body worn accessory 3-14 2/Back 15mm_824.7MHz/Zoom Scan (5x5x7)/Cube 0:

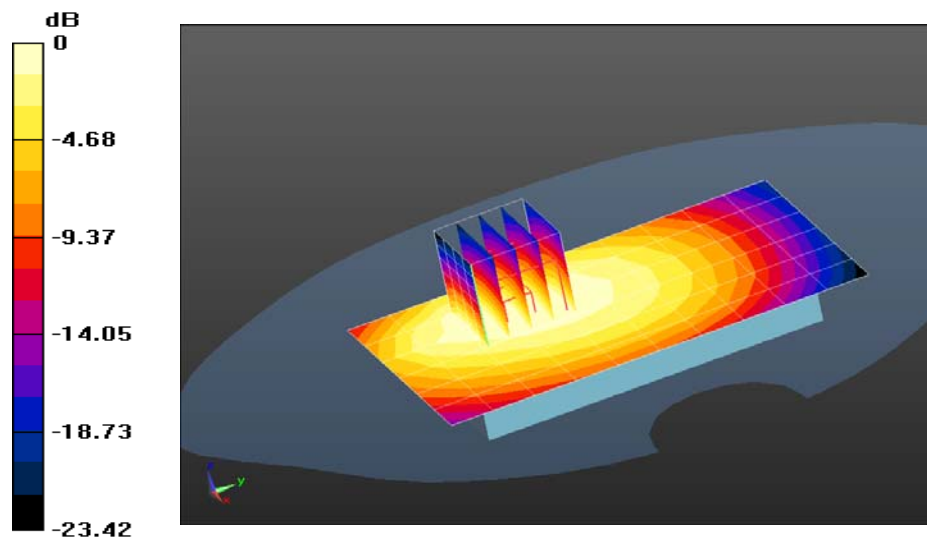
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.516 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.890 mW/g

SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 0.743 mW/g



0 dB = 0.725 mW/g = -2.80 dB mW/g

Plot 147

Date/Time: 3/15/2013 12:05:54 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: CDMA RC3; Frequency: 848.31 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.029$ mho/m; $\epsilon_r = 52.565$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 23.4C ; Medium Temperature: 22.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-14 2/Back 15mm_848.31MHz/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.660 mW/g

Flat section Body worn accessory 3-14 2/Back 15mm_848.31MHz/Zoom Scan (6x6x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

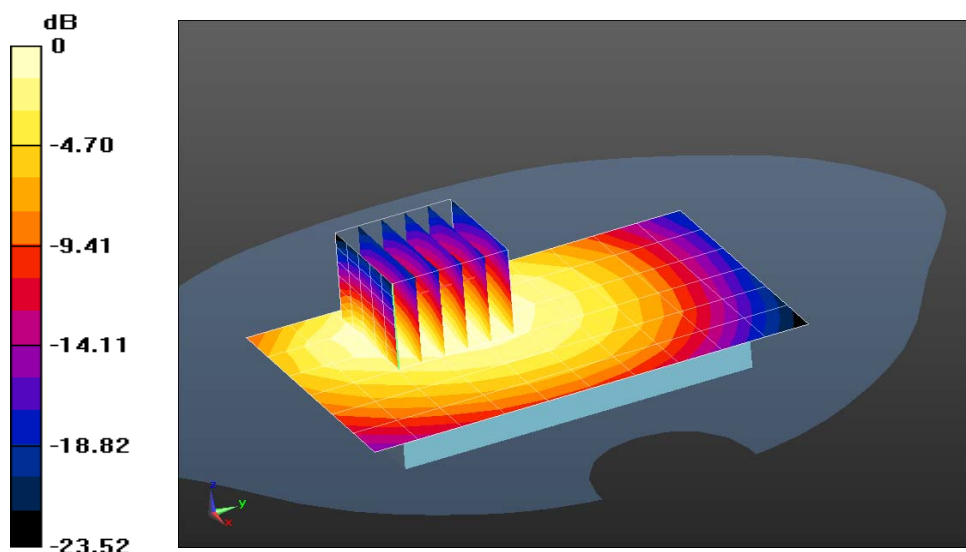
Reference Value = 23.137 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.847 mW/g

SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.449 mW/g

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

Maximum value of SAR (measured) = 0.699 mW/g



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

Plot 148

Date/Time: 3/15/2013 1:43:49 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: CDMA RC3; Frequency: 836.52 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.016$ mho/m; $\epsilon_r = 52.671$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 24.5C ; Medium Temperature: 22.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-14 2/Back 15mm_836.52MHz_with headset/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.599 mW/g

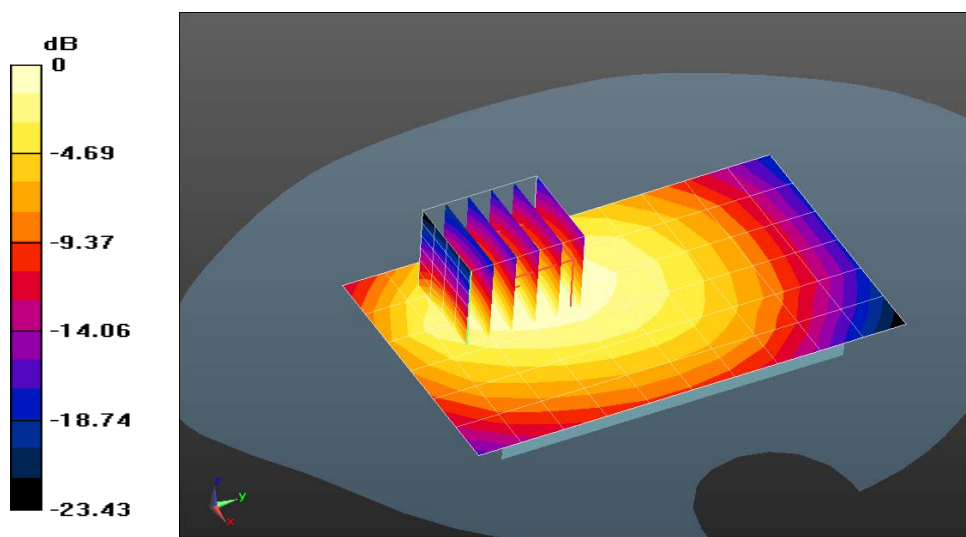
Flat section Body worn accessory 3-14 2/Back 15mm_836.52MHz_with headset/Zoom Scan
(5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.304 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.733 mW/g

SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.377 mW/g

Maximum value of SAR (measured) = 0.610 mW/g



0 dB = 0.599 mW/g = -4.45 dB mW/g

Plot 149

Date/Time: 3/15/2013 3:46:45 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: CDMA RC3; Frequency: 836.52 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ mho/m; $\epsilon_r = 54.063$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 24.4C ; Medium Temperature: 23.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-15/Back 15mm_836.52MHz_2nd batt/Area Scan (7x11x1):

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

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

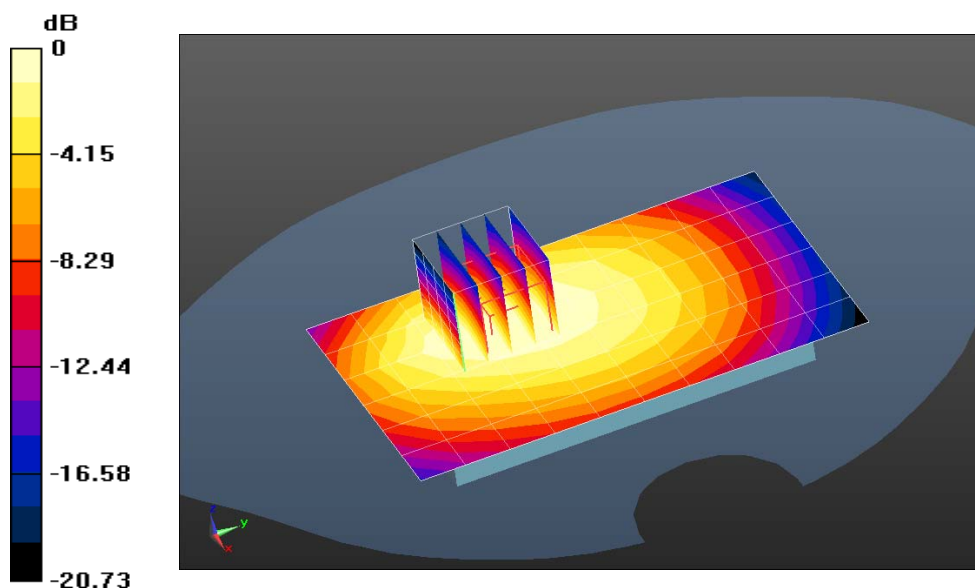
Flat section Body worn accessory 3-15/Back 15mm_836.52MHz_2nd batt/Zoom Scan (5x5x7)/Cube
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.632 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.824 mW/g

SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.428 mW/g

Maximum value of SAR (measured) = 0.678 mW/g



0 dB = 0.659 mW/g = -3.63 dB mW/g

Plot 150

Date/Time: 3/7/2013 4:09:34 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 51.32$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 23.5C; Medium Temperature: 23.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section 3-7-13/Back 15mm_1880MHz/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.773 W/kg

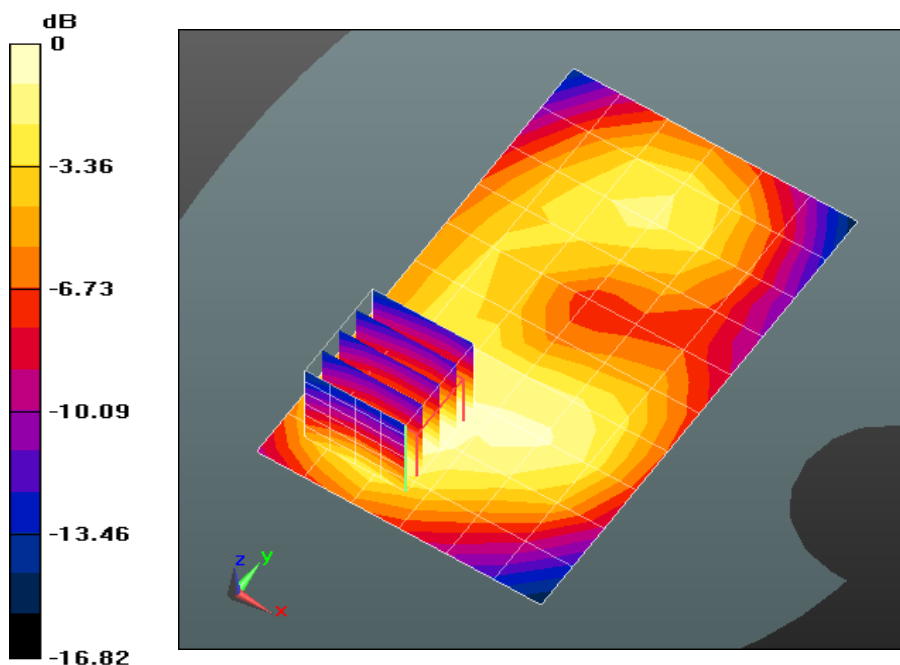
Flat section 3-7-13/Back 15mm_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.885 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (measured) = 0.774 W/kg



0 dB = 0.774 W/kg = -1.11 dBW/kg

Plot 151

Date/Time: 3/8/2013 3:07:19 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John ; Air Temperature: 23.5C; Medium Temperature: 23.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section 3-8-13/Front 15mm_1880MHz 2/Area Scan (7x11x1): Measurement grid: $dx=15$ mm,
 $dy=15$ mm

Maximum value of SAR (measured) = 0.594 mW/g

Flat section 3-8-13/Front 15mm_1880MHz 2/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm,
 $dy=8$ mm, $dz=5$ mm

Reference Value = 20.312 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.781 mW/g

SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 0.595 mW/g

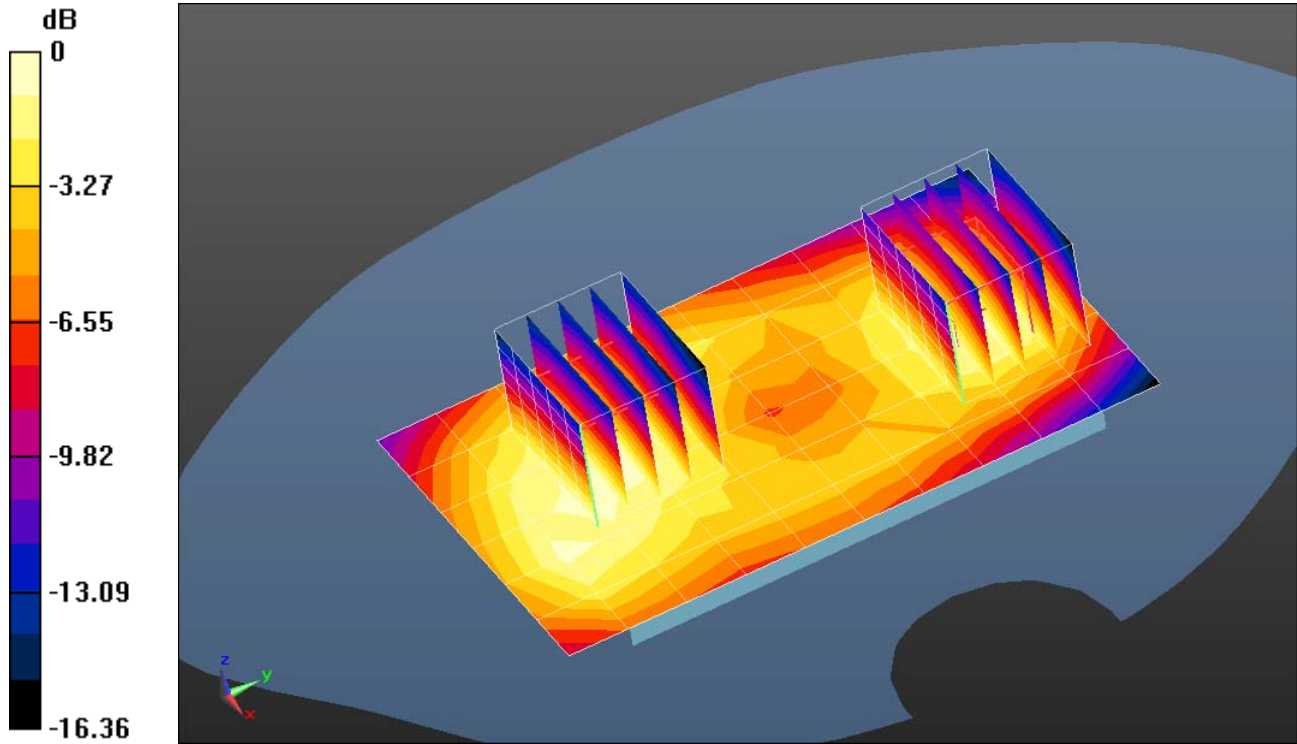
Flat section 3-8-13/Front 15mm_1880MHz 2/Zoom Scan (6x5x7)/Cube 1: Measurement grid: $dx=8$ mm,
 $dy=8$ mm, $dz=5$ mm

Reference Value = 20.312 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.651 mW/g

SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 0.506 mW/g



0 dB = 0.594 mW/g = -4.53 dB mW/g

Plot 152

Date/Time: 3/8/2013 3:40:07 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 25C; Medium Temperature: 23.6C; 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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section 3-8-13/Back 0mm_Holster_1880MHz/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.375 mW/g

Flat section 3-8-13/Back 0mm_Holster_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.521 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.546 mW/g

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.226 mW/g

Maximum value of SAR (measured) = 0.421 mW/g

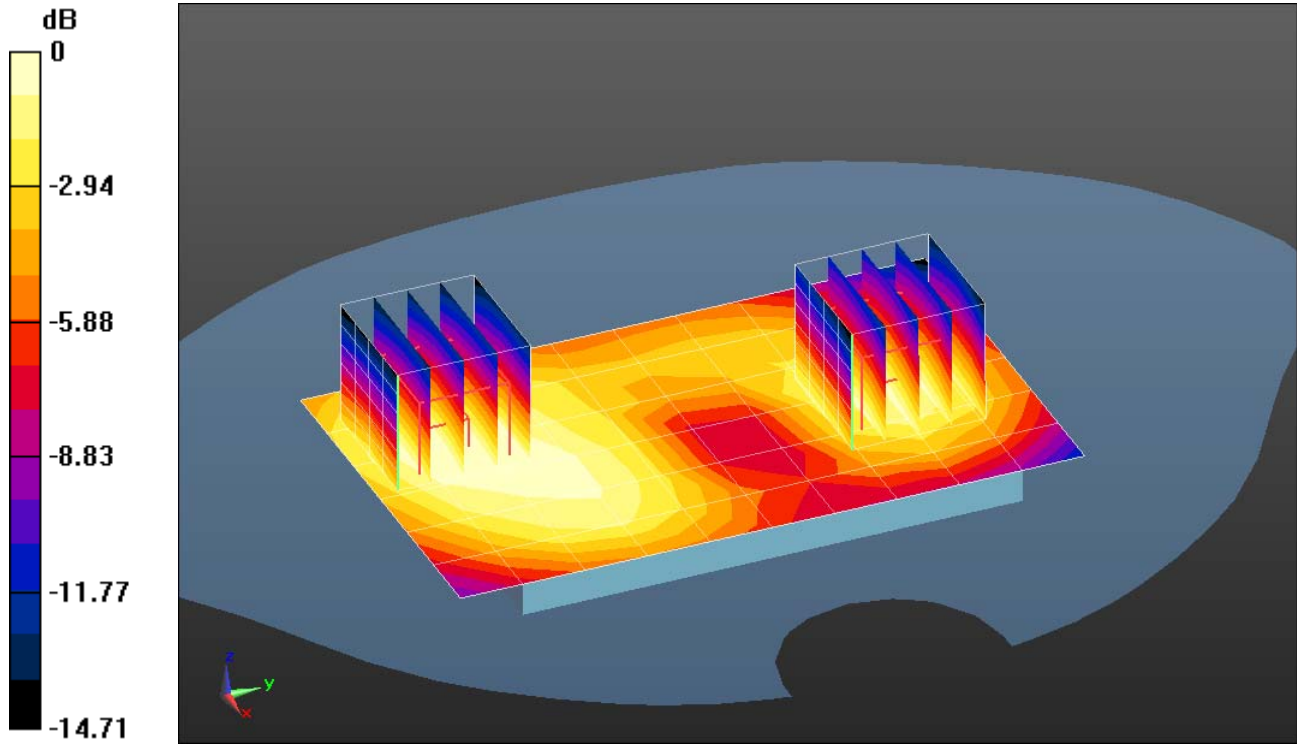
Flat section 3-8-13/Back 0mm_Holster_1880MHz/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.521 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.366 mW/g

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.375 mW/g = -8.52 dB mW/g

Plot 153

Date/Time: 3/8/2013 4:38:18 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John ; Air Temperature: 22.8C; Medium Temperature: 23.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section 3-8-13/Front 0mm_Holster_1880MHz 2/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.350 mW/g

Flat section 3-8-13/Front 0mm_Holster_1880MHz 2/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.900 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.461 mW/g

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.351 mW/g

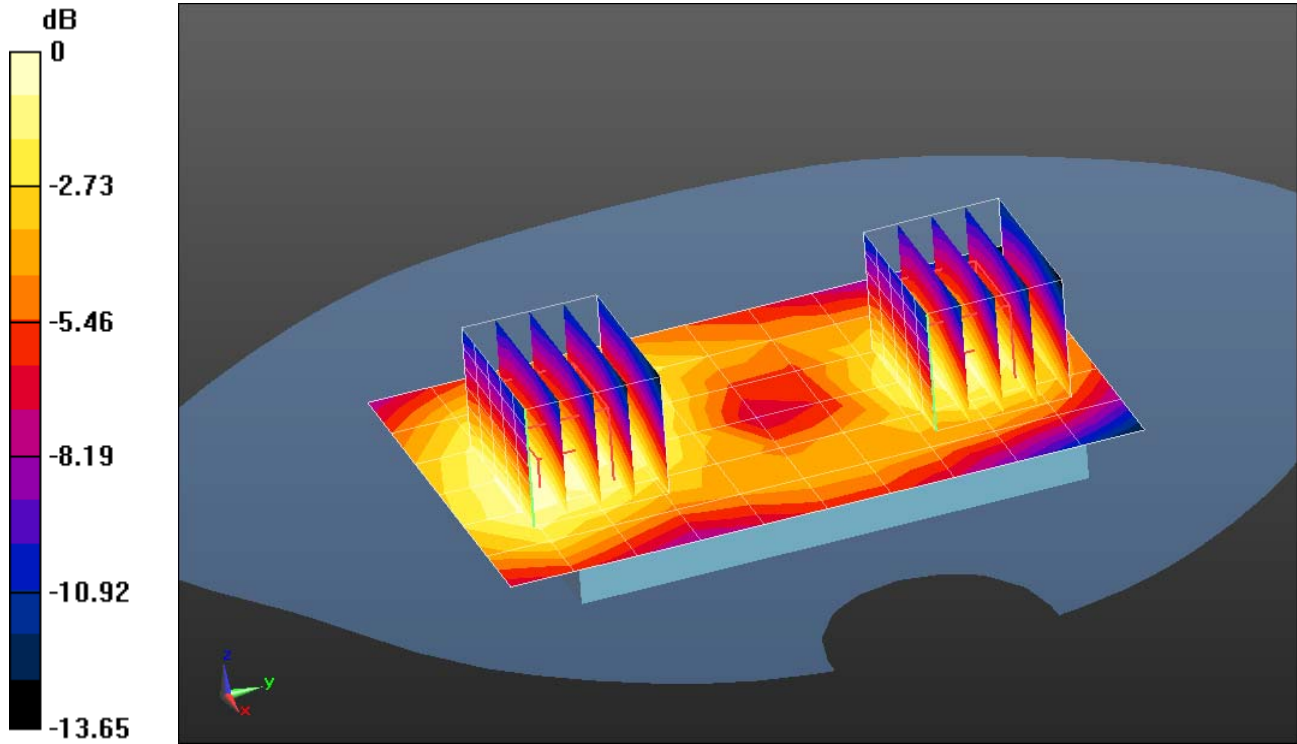
Flat section 3-8-13/Front 0mm_Holster_1880MHz 2/Zoom Scan (6x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.900 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.361 mW/g

SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.287 mW/g



0 dB = 0.350 mW/g = -9.11 dB mW/g

Plot 154

Date/Time: 3/8/2013 1:19:34 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 1851.25 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r = 51.264$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 22.8C; Medium Temperature: 23.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section 3-8-13/Back 15mm_1851.25MHz/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

Flat section 3-8-13/Back 15mm_1851.25MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.540 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.879 mW/g

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.338 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.644 mW/g

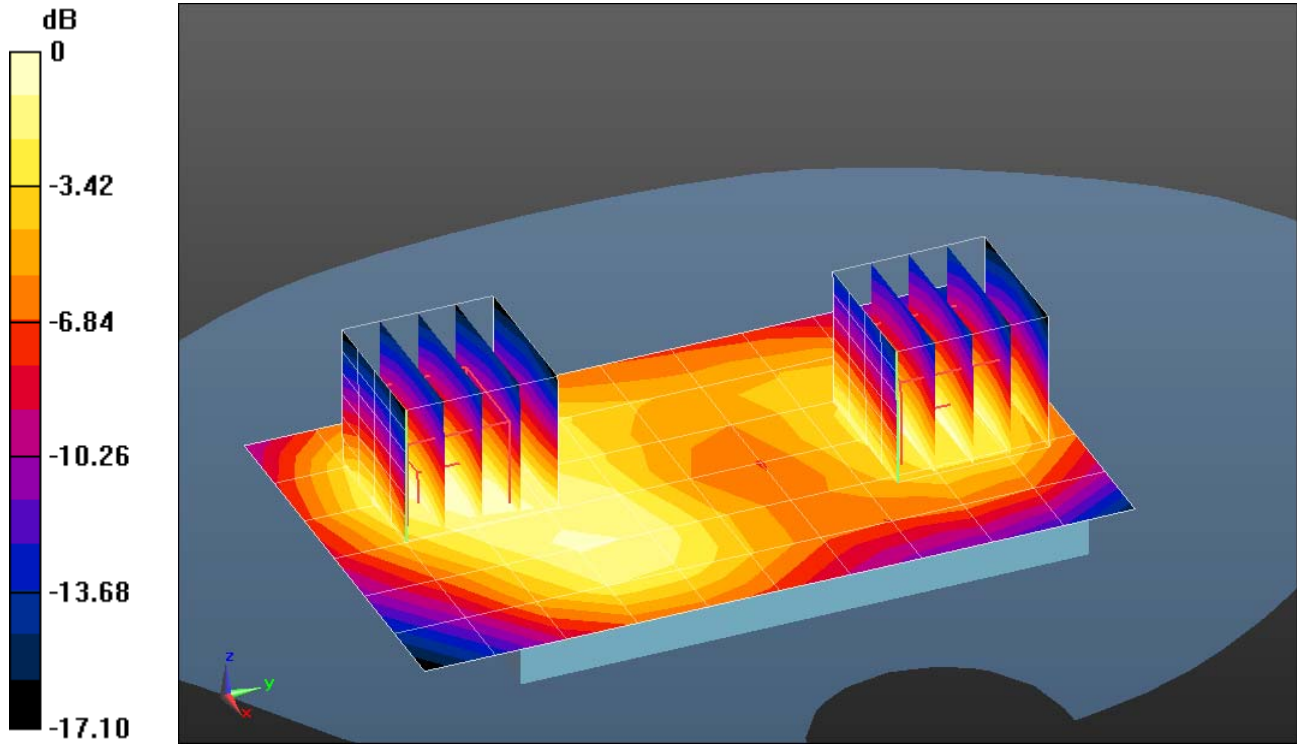
Flat section 3-8-13/Back 15mm_1851.25MHz/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.540 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.524 mW/g

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.231 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.408 mW/g



0 dB = 0.659 mW/g = -3.63 dB mW/g

Plot 155

Date/Time: 3/8/2013 1:44:28 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 1908.75 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1909$ MHz; $\sigma = 1.531$ mho/m; $\epsilon_r = 51.159$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 24.8C; Medium Temperature: 23.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section 3-8-13/Back 15mm_1908.75MHz/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.700 mW/g

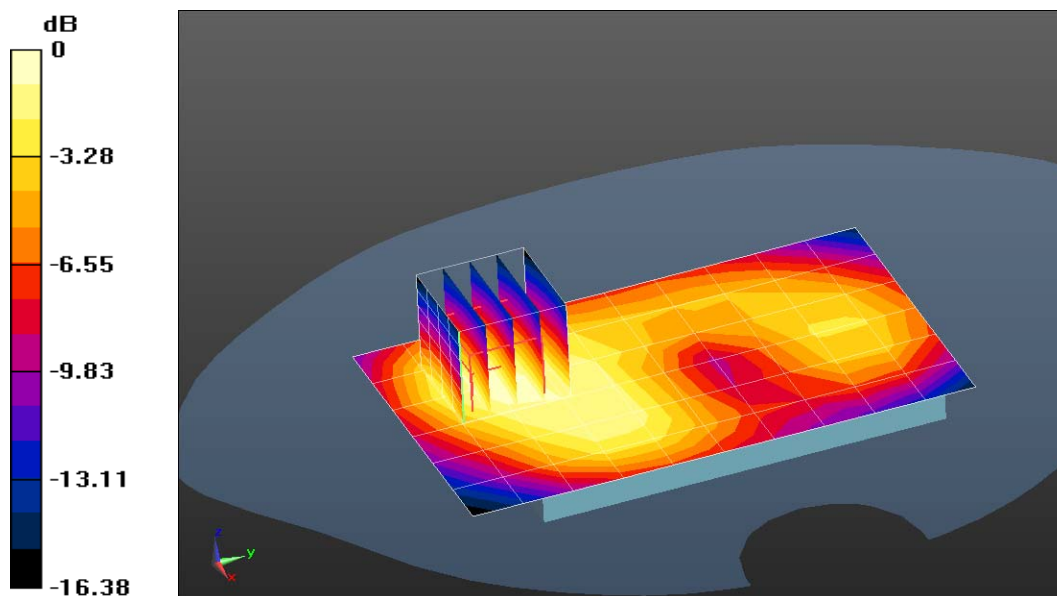
Flat section 3-8-13/Back 15mm_1908.75MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.719 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.962 mW/g

SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 0.684 mW/g



0 dB = 0.700 mW/g = -3.09 dB mW/g

Plot 156

Date/Time: 3/8/2013 2:08:47 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 23.6C; Medium Temperature: 23.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section 3-8-13/Back 15mm_1880MHz_With head set/Area Scan (7x12x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.707 mW/g

Flat section 3-8-13/Back 15mm_1880MHz_With head set/Zoom Scan (5x5x7)/Cube 0: Measurement

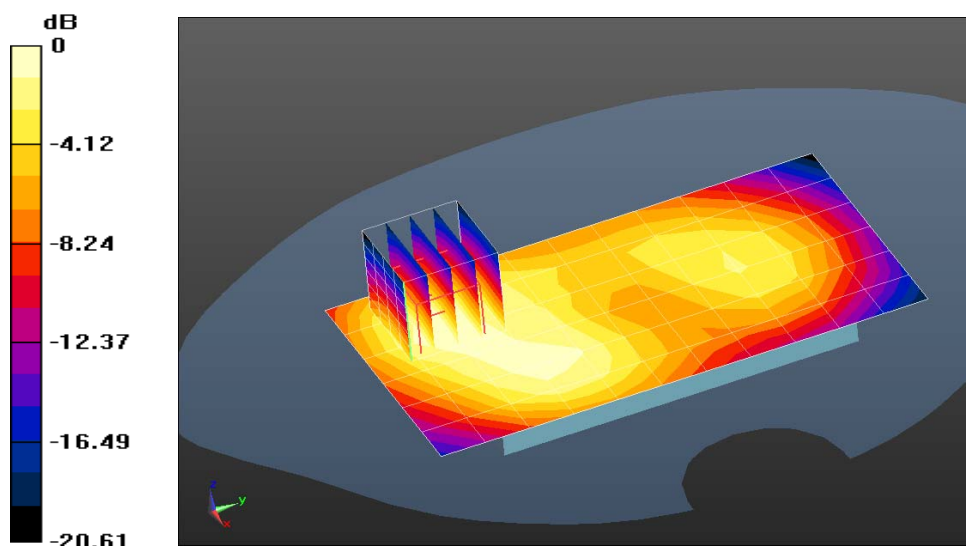
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.417 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.950 mW/g

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.375 mW/g

Maximum value of SAR (measured) = 0.717 mW/g



0 dB = 0.707 mW/g = -3.01 dB mW/g

Plot 157

Date/Time: 3/8/2013 2:34:44 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 23.1C; Medium Temperature: 23.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section 3-8-13/Back 15mm_1880MHz_2nd batt/Area Scan (7x11x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.753 mW/g

Flat section 3-8-13/Back 15mm_1880MHz_2nd batt/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.649 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.978 mW/g

SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.394 mW/g

Maximum value of SAR (measured) = 0.726 mW/g

Flat section 3-8-13/Back 15mm_1880MHz_2nd batt/Zoom Scan (5x5x7)/Cube 1: Measurement grid:

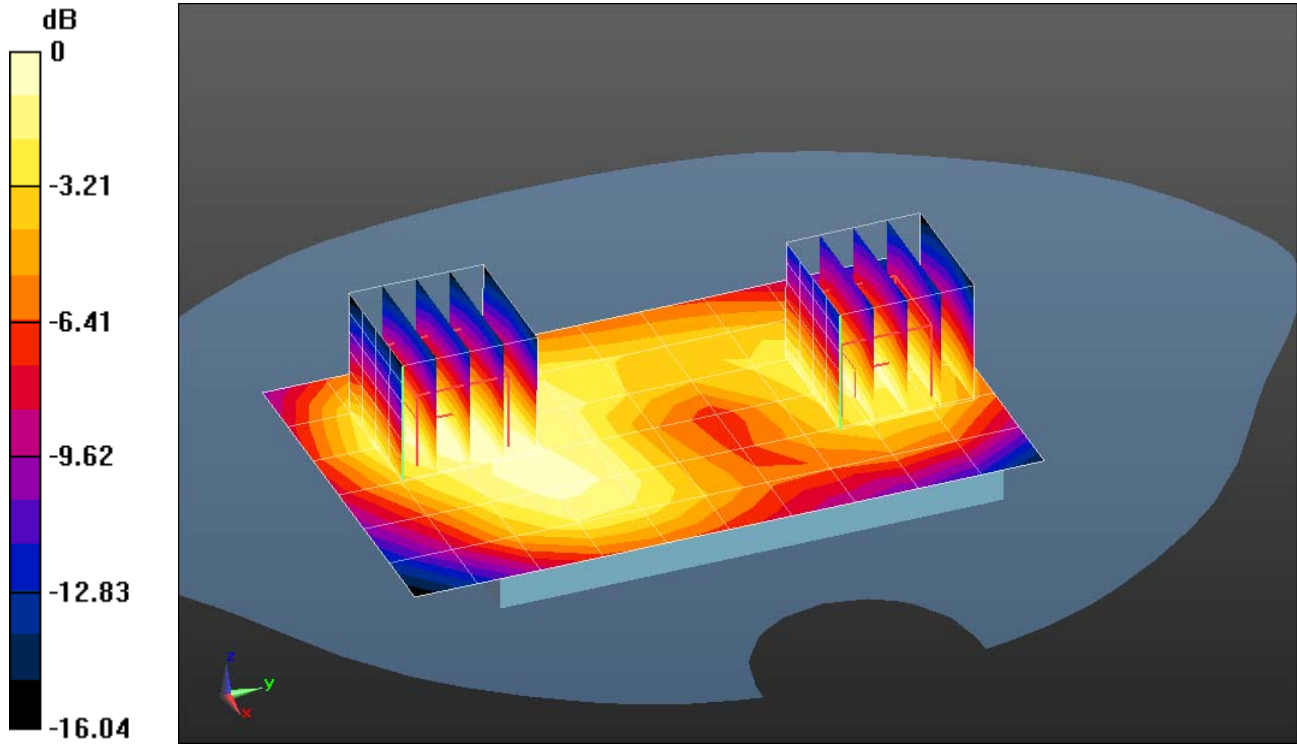
dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.649 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.639 mW/g

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.496 mW/g



0 dB = 0.753 mW/g = -2.47 dB mW/g

Plot 158

Date/Time: 3/14/2013 7:03:15 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

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

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 51.069$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 22.1C; Medium Temperature: 22.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Body Worn Accessory 3-15-13/Back 15mm_1880MHz/Area Scan (7x11x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.548 mW/g

Body Worn Accessory 3-15-13/Back 15mm_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

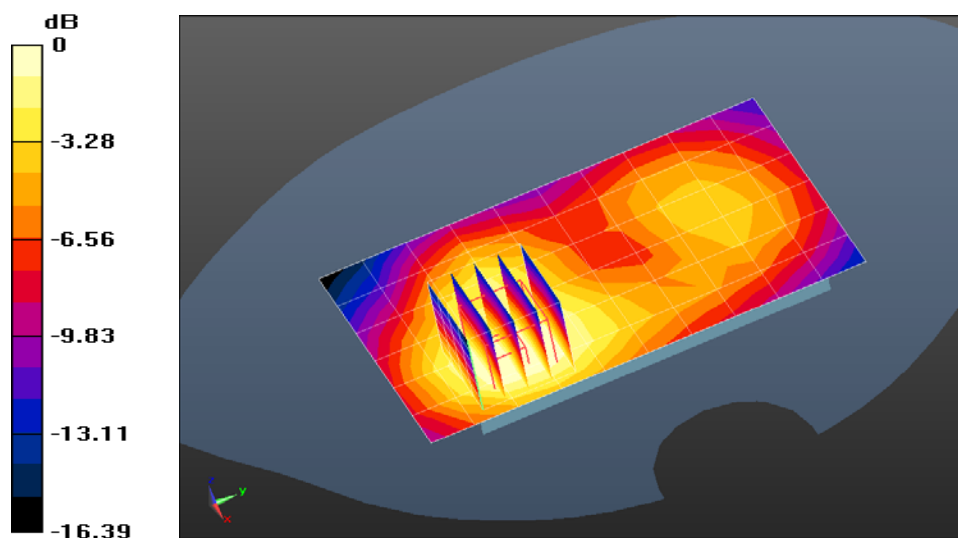
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.835 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.817 mW/g

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.619 mW/g



0 dB = 0.548 mW/g = -5.22 dB mW/g

Plot 159

Date/Time: 3/14/2013 7:28:50 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

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

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 51.069$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John ; Air Temperature: 21.8C; Medium Temperature: 22.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Body Worn Accessory 3-15-13/Front 15mm_1880MHz/Area Scan (7x11x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.325 mW/g

Body Worn Accessory 3-15-13/Front 15mm_1880MHz/Zoom Scan (6x5x7)/Cube 0: Measurement grid:

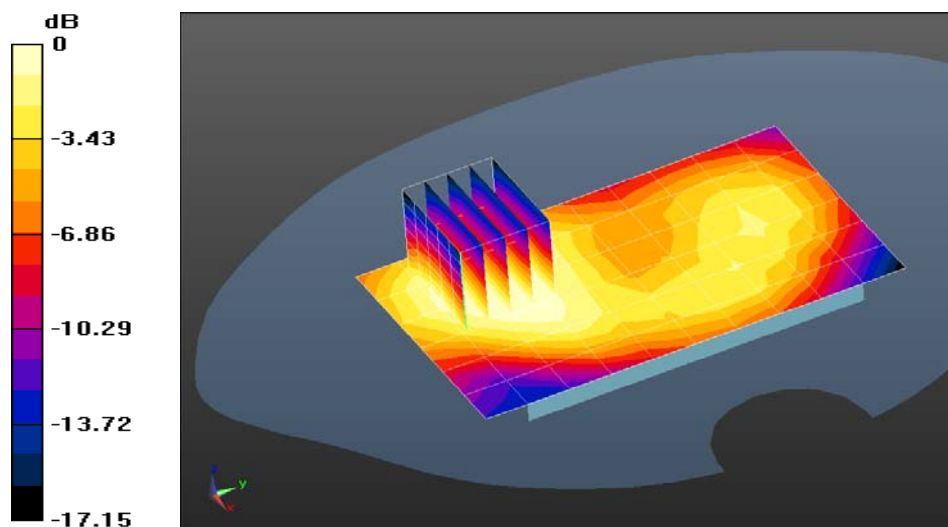
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.357 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.441 mW/g

SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.332 mW/g



0 dB = 0.325 mW/g = -9.75 dB mW/g

Plot 160

Date/Time: 3/18/2013 2:14:13 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

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

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.177$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.8C; Medium Temperature: 22.1C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Body worn accessory 3-18-13/Back 0mm_Holster_1880MHz/Area Scan (7x11x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.385 mW/g

Body worn accessory 3-18-13/Back 0mm_Holster_1880MHz/Zoom Scan (5x5x7)/Cube 0:

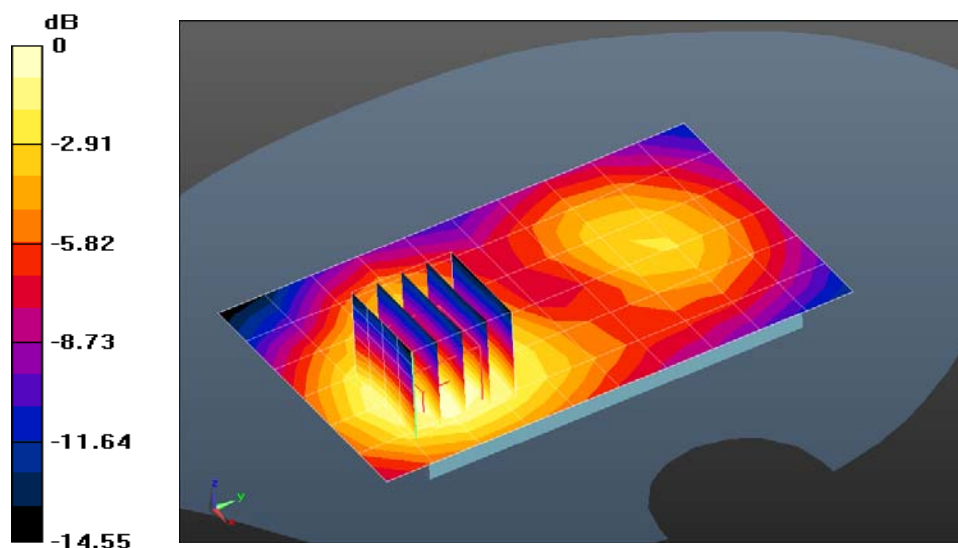
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.318 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.507 mW/g

SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.209 mW/g

Maximum value of SAR (measured) = 0.380 mW/g



0 dB = 0.385 mW/g = -8.30 dB mW/g

Plot 161

Date/Time: 3/18/2013 2:32:52 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

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

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.177$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John ; Air Temperature: 22.1C; Medium Temperature: 22.1C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Body worn accessory 3-18-13/Front 0mm_Holster_1880MHz 2/Area Scan (7x11x1): Measurementgrid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.222 mW/g

Body worn accessory 3-18-13/Front 0mm_Holster_1880MHz 2/Zoom Scan (6x5x7)/Cube 0:Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.451 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.288 mW/g

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.223 mW/g

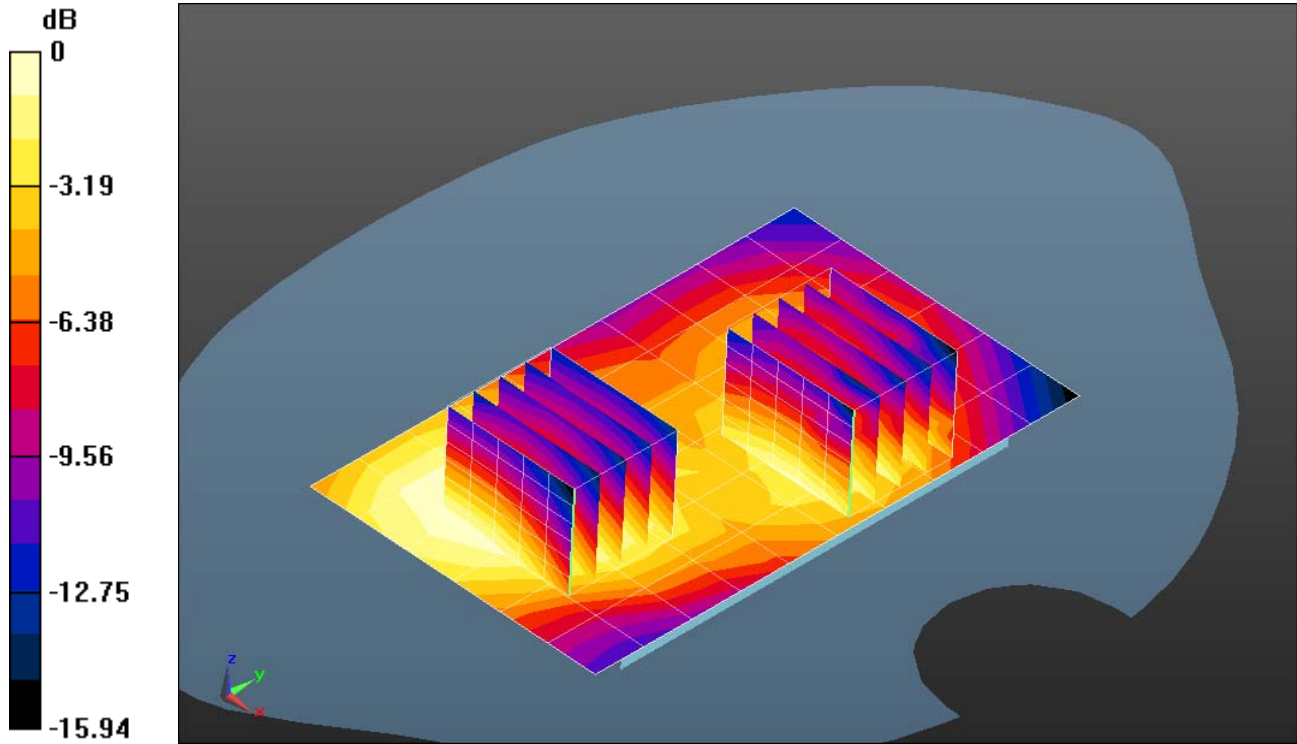
Body worn accessory 3-18-13/Front 0mm_Holster_1880MHz 2/Zoom Scan (6x5x7)/Cube 1:Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.451 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.191 mW/g

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.222 mW/g = -13.09 dB mW/g

Plot 162

Date/Time: 3/18/2013 4:01:33 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.482$ mho/m; $\epsilon_r = 52.265$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 22.1C; Medium Temperature: 22.1C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Body worn accessory 3-18-13/Back 15mm_Low Ch/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.458 mW/g

Body worn accessory 3-18-13/Back 15mm_Low Ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

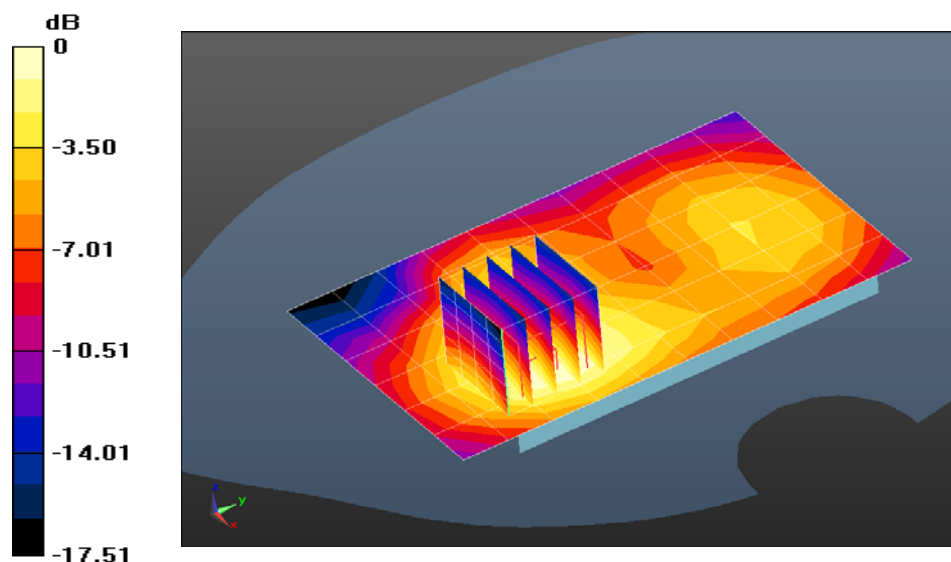
Reference Value = 7.764 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.673 mW/g

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.264 mW/g

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

Maximum value of SAR (measured) = 0.514 mW/g



0 dB = 0.458 mW/g = -6.78 dB mW/g

Plot 163

Date/Time: 3/18/2013 4:41:25 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.549 \text{ mho/m}$; $\epsilon_r = 52.073$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.8C; Medium Temperature: 22.1C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Body worn accessory 3-18-13/Back 15mm_High Ch/Area Scan (7x11x1): Measurement grid:

 $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.584 mW/g

Body worn accessory 3-18-13/Back 15mm_High Ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

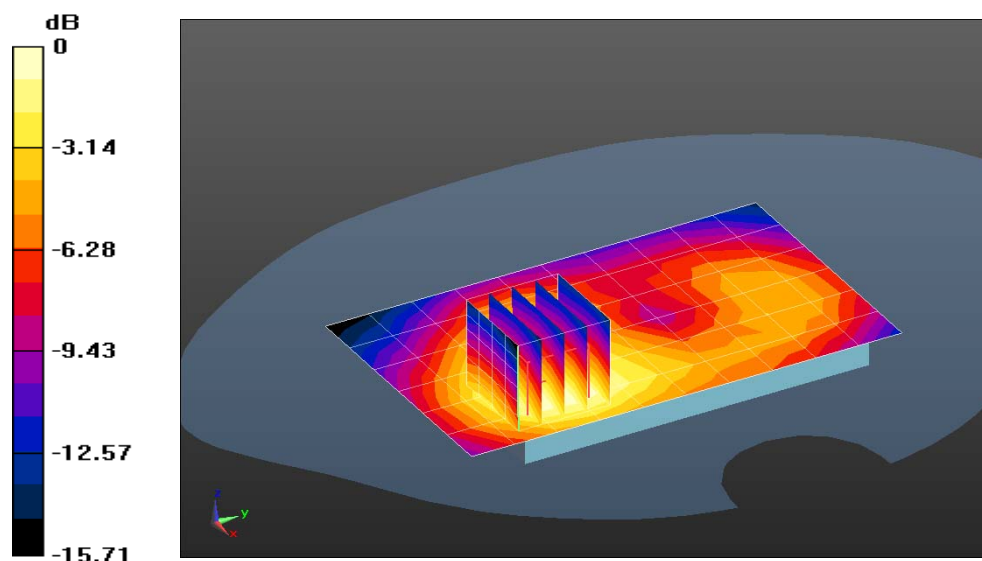
 $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.638 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.859 mW/g

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.656 mW/g



0 dB = 0.584 mW/g = -4.67 dB mW/g

Plot 164

Date/Time: 3/18/2013 5:05:56 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

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

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.177$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 23.6C; Medium Temperature: 23.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Body worn accessory 3-18-13/Back 15mm_With head set/Area Scan (7x12x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.552 mW/g

Body worn accessory 3-18-13/Back 15mm_With head set/Zoom Scan (5x5x7)/Cube 0: Measurement

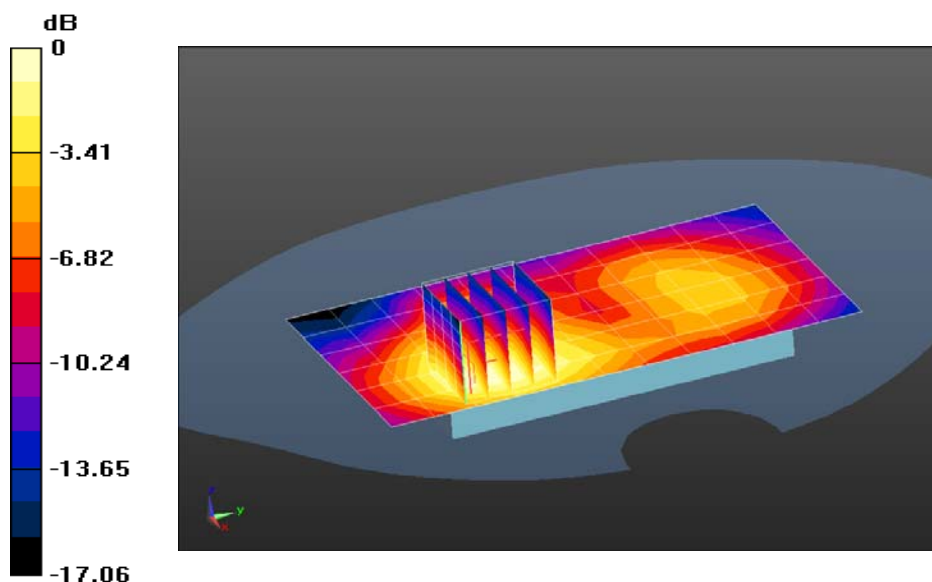
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.940 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.771 mW/g

SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 0.583 mW/g



0 dB = 0.552 mW/g = -5.17 dB mW/g

Plot 165

Date/Time: 3/18/2013 5:27:46 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

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

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.177$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 23.1C; Medium Temperature: 23.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Body worn accessory 3-18-13/Back 15mm_2nd batt/Area Scan (7x11x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.540 mW/g

Body worn accessory 3-18-13/Back 15mm_2nd batt/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

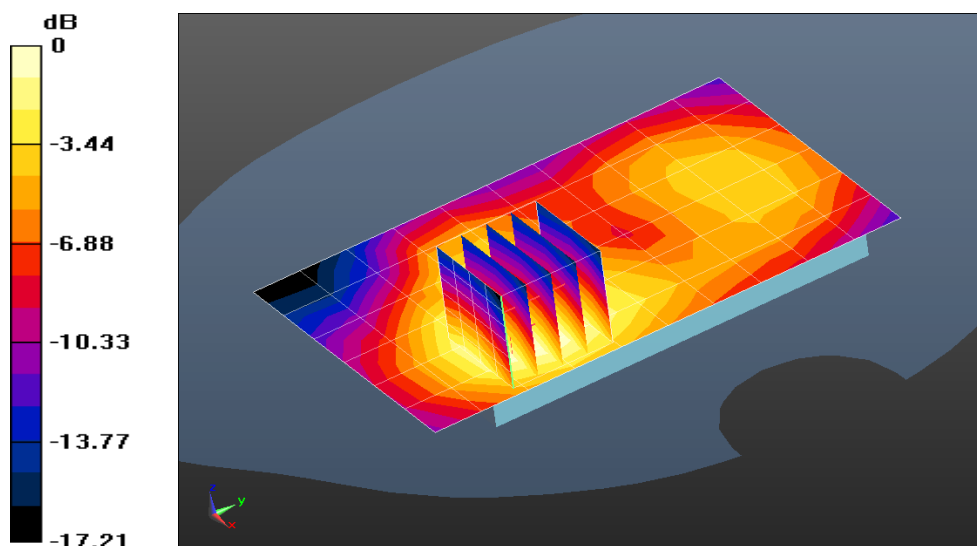
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.927 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.789 mW/g

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.592 mW/g



0 dB = 0.540 mW/g = -5.35 dB mW/g

Plot 166

Date/Time: 3/18/2013 1:18:44 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: UMTS WCDMA; Frequency: 836.6 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 52.722$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 24.8C; Medium Temperature: 22.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-18-13/Back 15mm_836.6MHz/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.329 mW/g

Flat section Body worn accessory 3-18-13/Back 15mm_836.6MHz/Zoom Scan (6x6x7)/Cube 0:

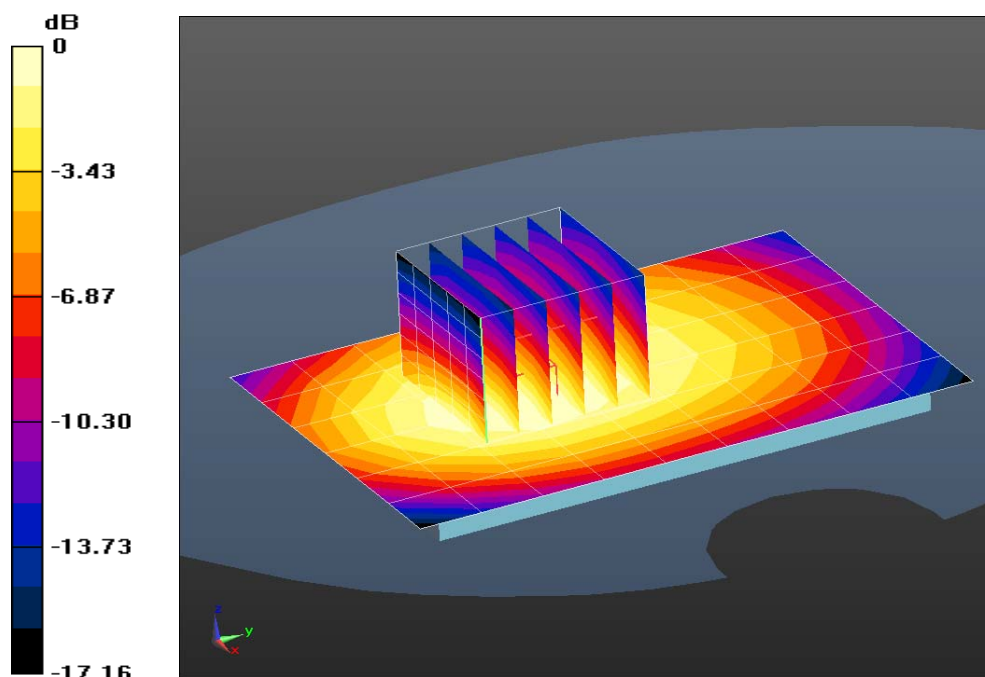
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.072 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.397 mW/g

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.333 mW/g



0 dB = 0.329 mW/g = -9.65 dB mW/g

Plot 167

Date/Time: 3/18/2013 1:57:17 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: UMTS WCDMA; Frequency: 836.6 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 52.722$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 24.9C; Medium Temperature: 22.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-18-13/Front 15mm_836.6MHz/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.290 mW/g

Flat section Body worn accessory 3-18-13/Front 15mm_836.6MHz/Zoom Scan (6x6x7)/Cube 0:

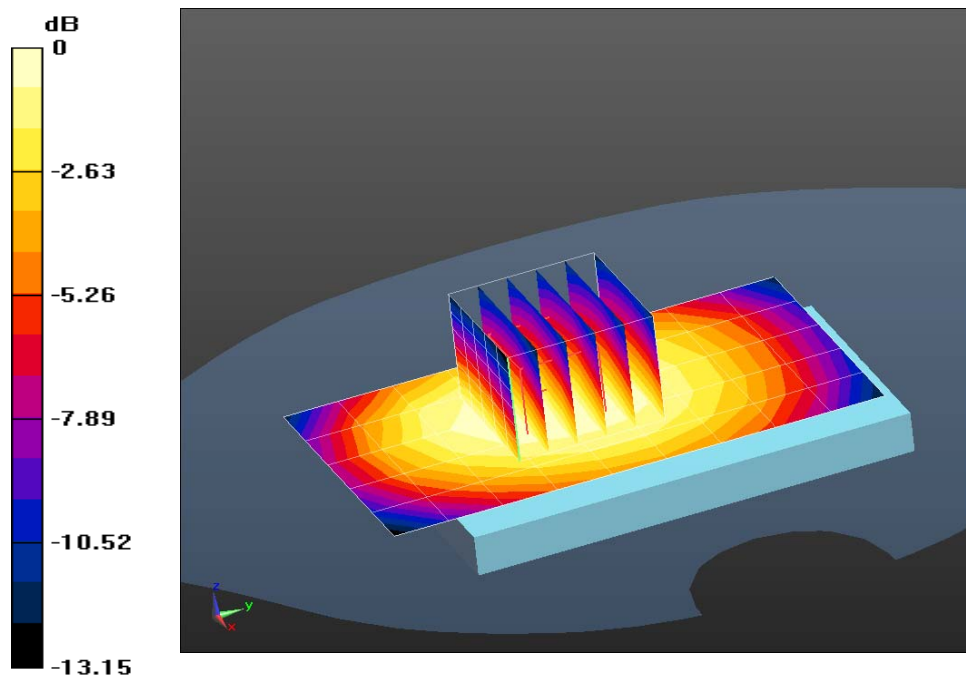
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.220 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.349 mW/g

SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 0.299 mW/g



0 dB = 0.290 mW/g = -10.75 dB mW/g

Plot 168

Date/Time: 3/18/2013 2:19:15 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: UMTS WCDMA; Frequency: 836.6 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 52.722$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 25.2C; Medium Temperature: 22.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-18-13/Back 0mm_Holster_836.6MHz/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.227 mW/g

Flat section Body worn accessory 3-18-13/Back 0mm_Holster_836.6MHz/Zoom Scan (5x5x7)/Cube 0:

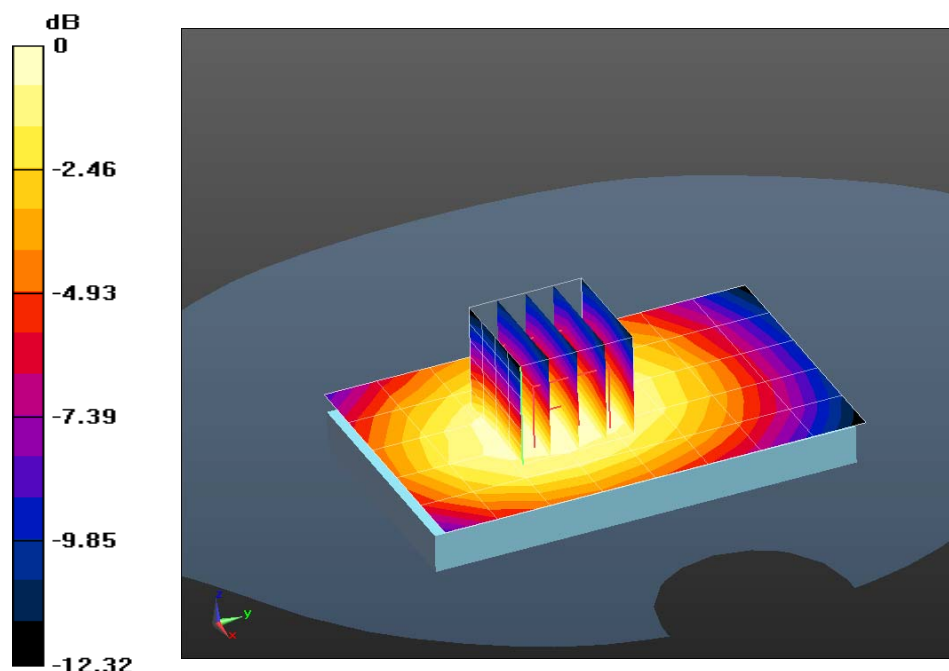
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.552 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.274 mW/g

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.233 mW/g



0 dB = 0.227 mW/g = -12.89 dB mW/g

Plot 169

Date/Time: 3/18/2013 2:36:26 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: UMTS WCDMA; Frequency: 836.6 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 52.722$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 25.5C; Medium Temperature: 22.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASYS2 52.8.1(838);

Flat section Body worn accessory 3-18-13/Front 0mm_Holster_836.6MHz/Area Scan (6x9x1):

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

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

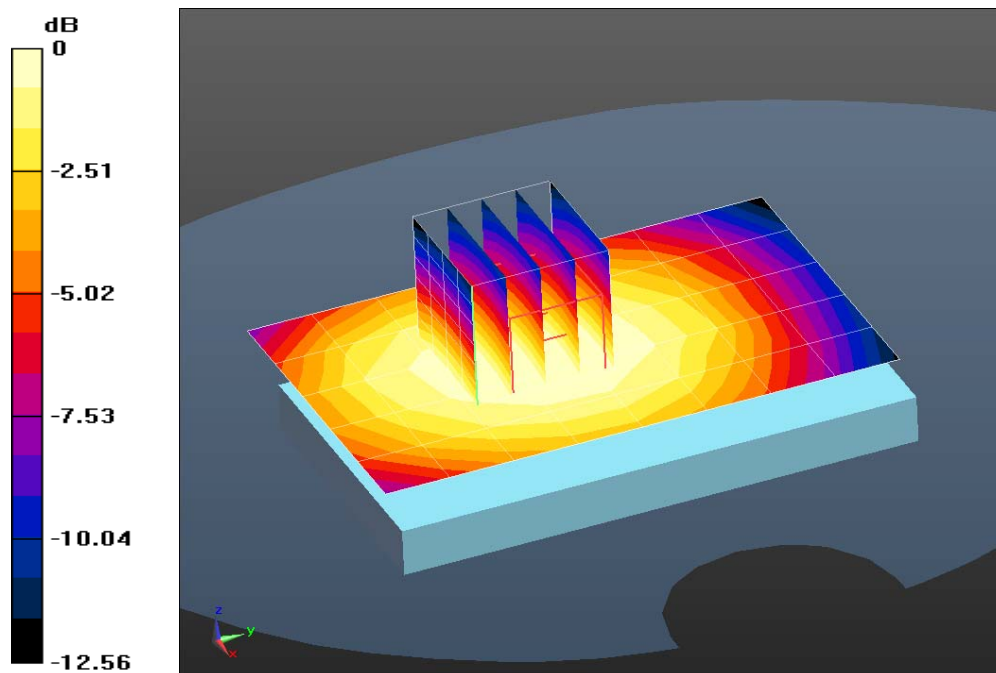
Flat section Body worn accessory 3-18-13/Front 0mm_Holster_836.6MHz/Zoom Scan (5x5x7)/Cube
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.300 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.261 mW/g

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 0.223 mW/g



0 dB = 0.215 mW/g = -13.34 dB mW/g

Plot 170

Date/Time: 3/18/2013 2:54:09 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: UMTS WCDMA; Frequency: 826.4 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 1.008$ mho/m; $\epsilon_r = 52.854$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: John; Air Temperature: 25.7C; Medium Temperature: 22.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASYS2 52.8.1(838);

Flat section Body worn accessory 3-18-13/Back 15mm_826.4MHz/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.318 mW/g

Flat section Body worn accessory 3-18-13/Back 15mm_826.4MHz/Zoom Scan (6x6x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

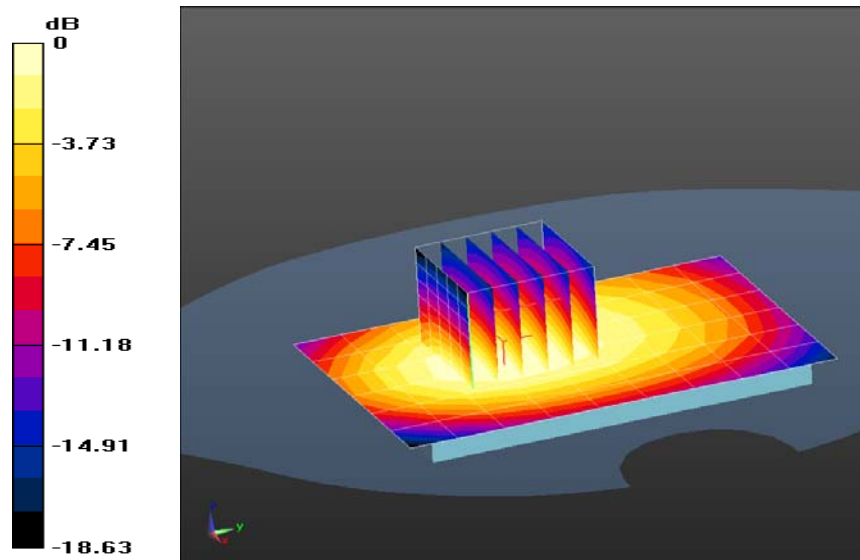
Reference Value = 17.737 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.386 mW/g

SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.210 mW/g

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

Maximum value of SAR (measured) = 0.322 mW/g



0 dB = 0.318 mW/g = -9.96 dB mW/g

Plot 171

Date/Time: 3/18/2013 3:12:10 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: UMTS WCDMA; Frequency: 846.6 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 847$ MHz; $\sigma = 1.032$ mho/m; $\epsilon_r = 52.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 24.8C; Medium Temperature: 22.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-18-13/Back 15mm_846.6MHz/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.268 mW/g

Flat section Body worn accessory 3-18-13/Back 15mm_846.6MHz/Zoom Scan (6x6x7)/Cube 0:

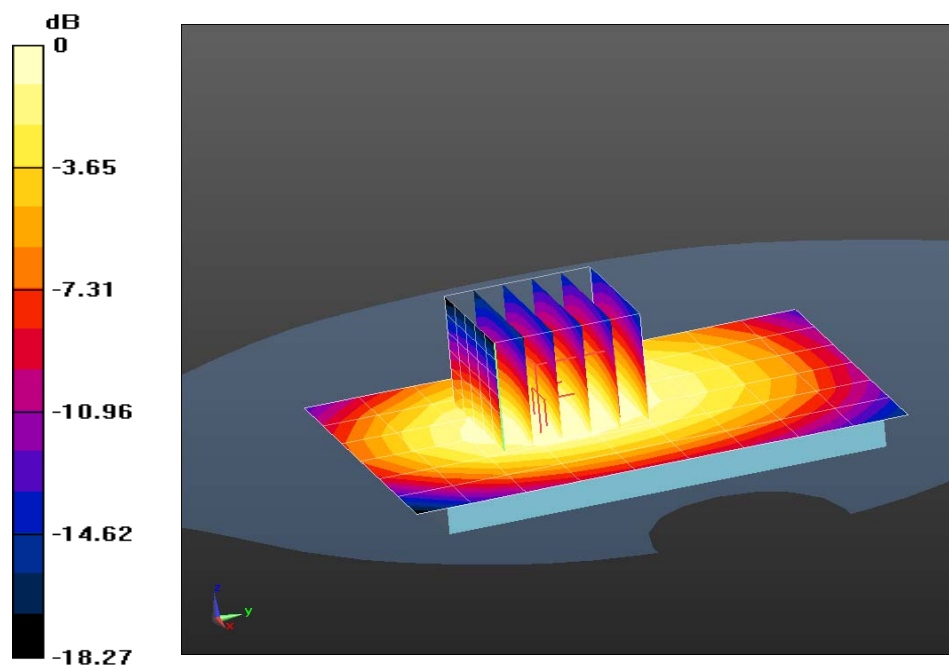
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.964 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.335 mW/g

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.279 mW/g



0 dB = 0.268 mW/g = -11.42 dB mW/g

Plot 172

Date/Time: 3/18/2013 3:31:41 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: UMTS WCDMA; Frequency: 836.6 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 52.722$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 22.9C; Medium Temperature: 22.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-18-13/Back 15mm_836.6MHz with Headset/Area Scan (7x10x1):

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

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

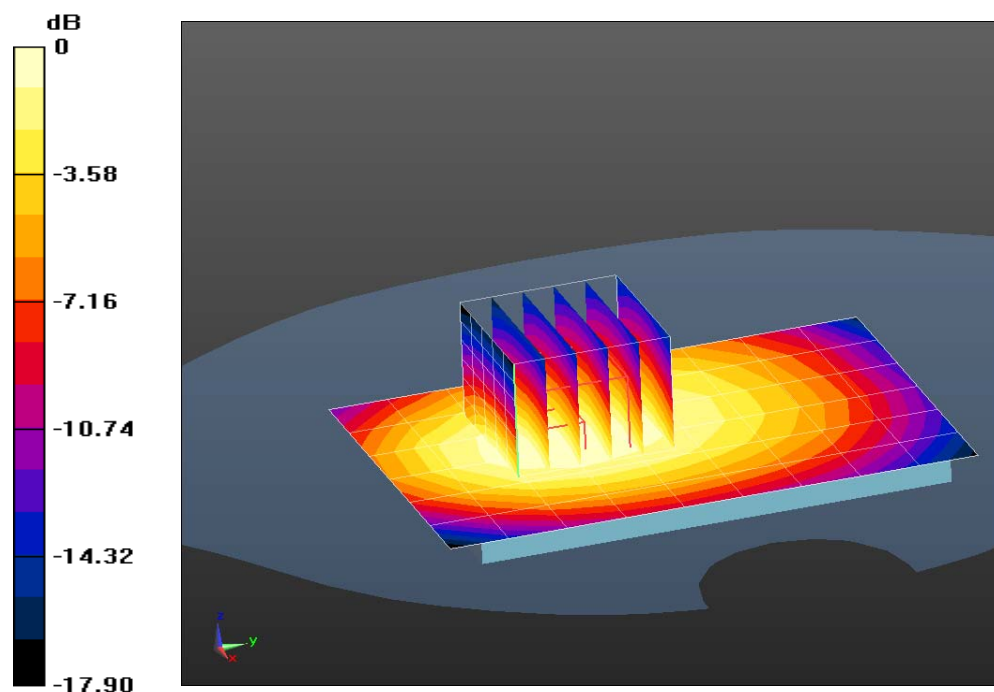
Flat section Body worn accessory 3-18-13/Back 15mm_836.6MHz with Headset/Zoom Scan
(6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.086 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.317 mW/g

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.260 mW/g



0 dB = 0.253 mW/g = -11.93 dB mW/g

Plot 173

Date/Time: 3/18/2013 3:52:39 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: UMTS WCDMA; Frequency: 836.6 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 52.722$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 22.9C; Medium Temperature: 22.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Body worn accessory 3-18-13/Back 15mm_836.6MHz with 2nd battery/Area Scan
(7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.323 mW/g

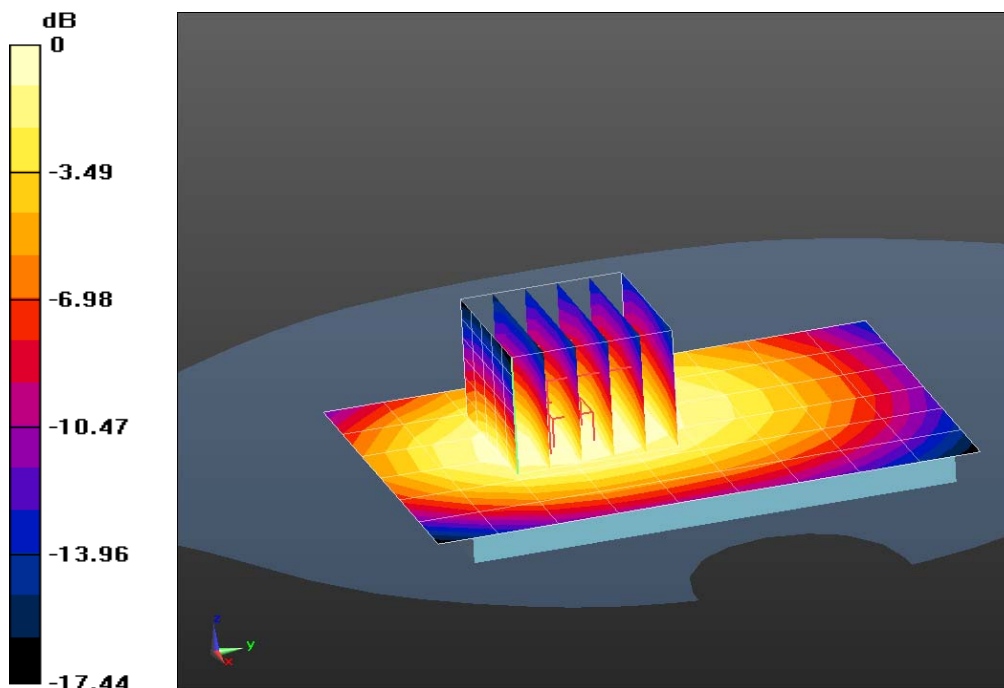
Flat section Body worn accessory 3-18-13/Back 15mm_836.6MHz with 2nd battery/Zoom Scan
(6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.881 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.399 mW/g

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.333 mW/g



0 dB = 0.323 mW/g = -9.82 dB mW/g

Plot 174

Date/Time: 3/25/2013 12:42:16 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 51.172$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Back 15mm_1RB High_BW 20MHz/Area Scan (6x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.740 W/kg

Flat-Section/Back 15mm_1RB High_BW 20MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

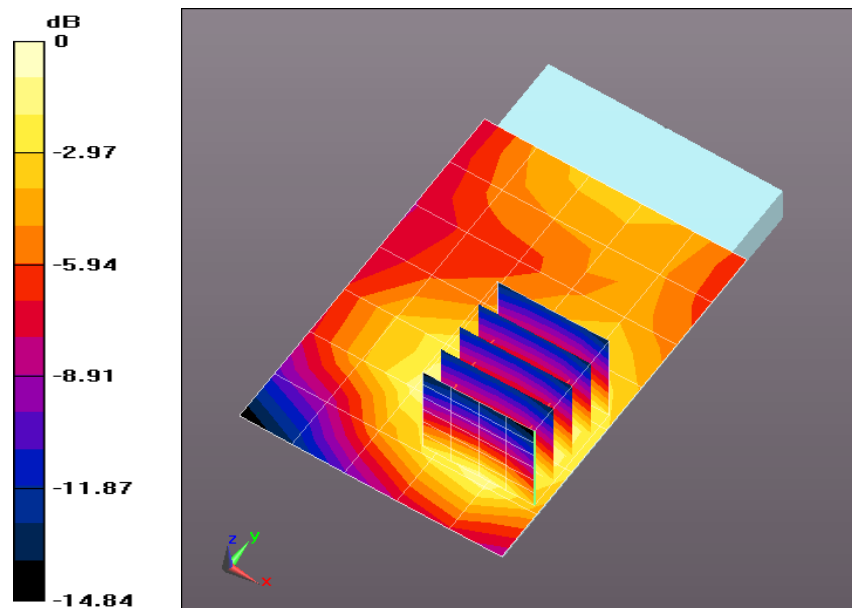
Reference Value = 19.851 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.984 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.386 W/kg

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

Maximum value of SAR (measured) = 0.744 W/kg



0 dB = 0.740 W/kg = -1.31 dBW/kg

Plot 175

Date/Time: 3/25/2013 6:24:24 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 51.172$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 24.1C; Medium Temperature: 21; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Front 15mm_1RB High_BW 20MHz/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.469 W/kg

Flat-Section/Front 15mm_1RB High_BW 20MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.657 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.251 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.461 W/kg

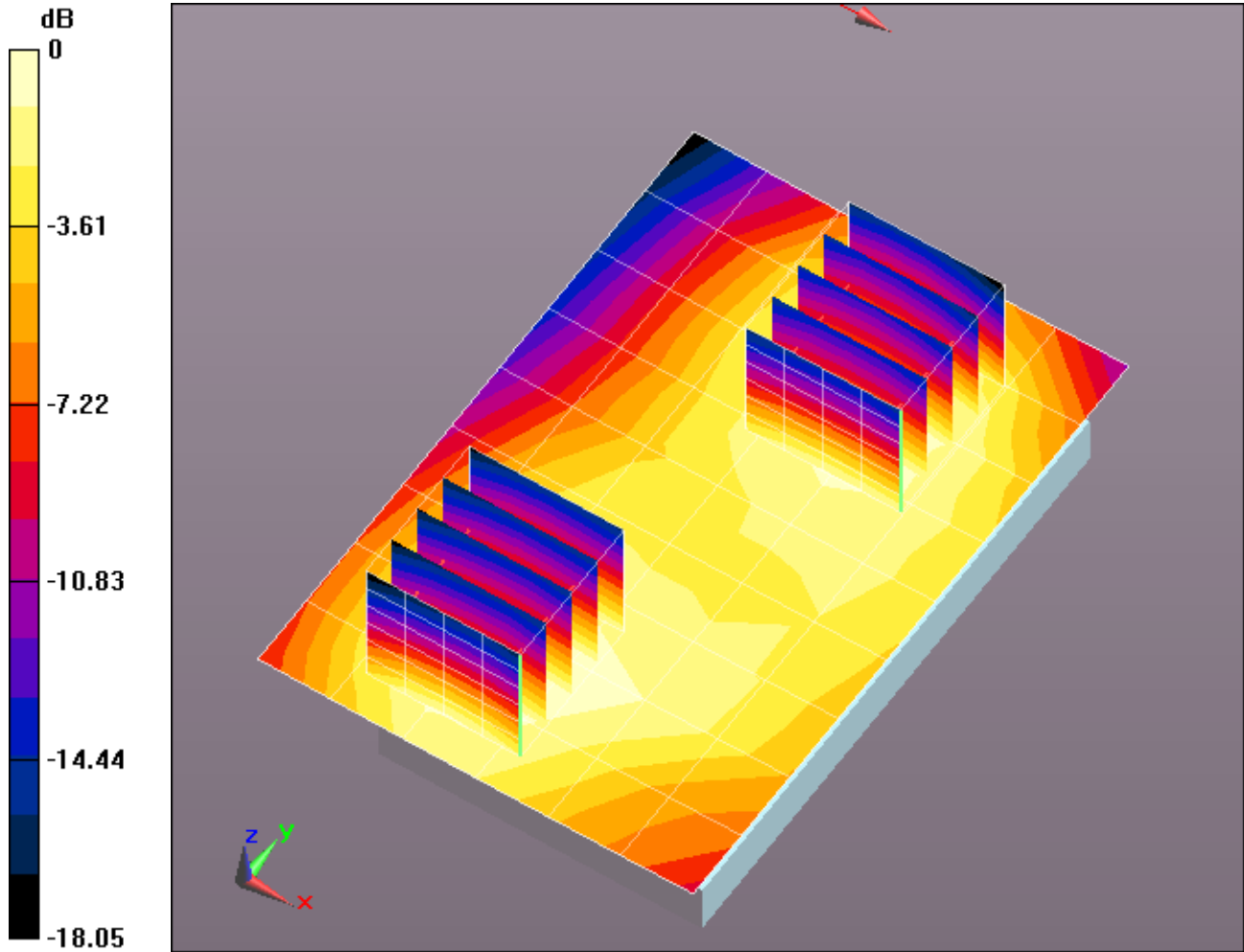
Flat-Section/Front 15mm_1RB High_BW 20MHz/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.657 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.555 W/kg

SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.254 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.440 W/kg



Plot 176

Date/Time: 3/25/2013 2:13:14 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 51.172$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 22.2C; Medium Temperature: 21C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Back 0mm_Holster_1RB High_BW 20MHz/Area Scan (7x10x1): Measurement grid:

dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.413 W/kg

Flat-Section/Back 0mm_Holster_1RB High_BW 20MHz/Zoom Scan (5x6x7)/Cube 0: Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.269 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.597 W/kg

SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.251 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.457 W/kg

Flat-Section/Back 0mm_Holster_1RB High_BW 20MHz/Zoom Scan (5x6x7)/Cube 1: Measurement

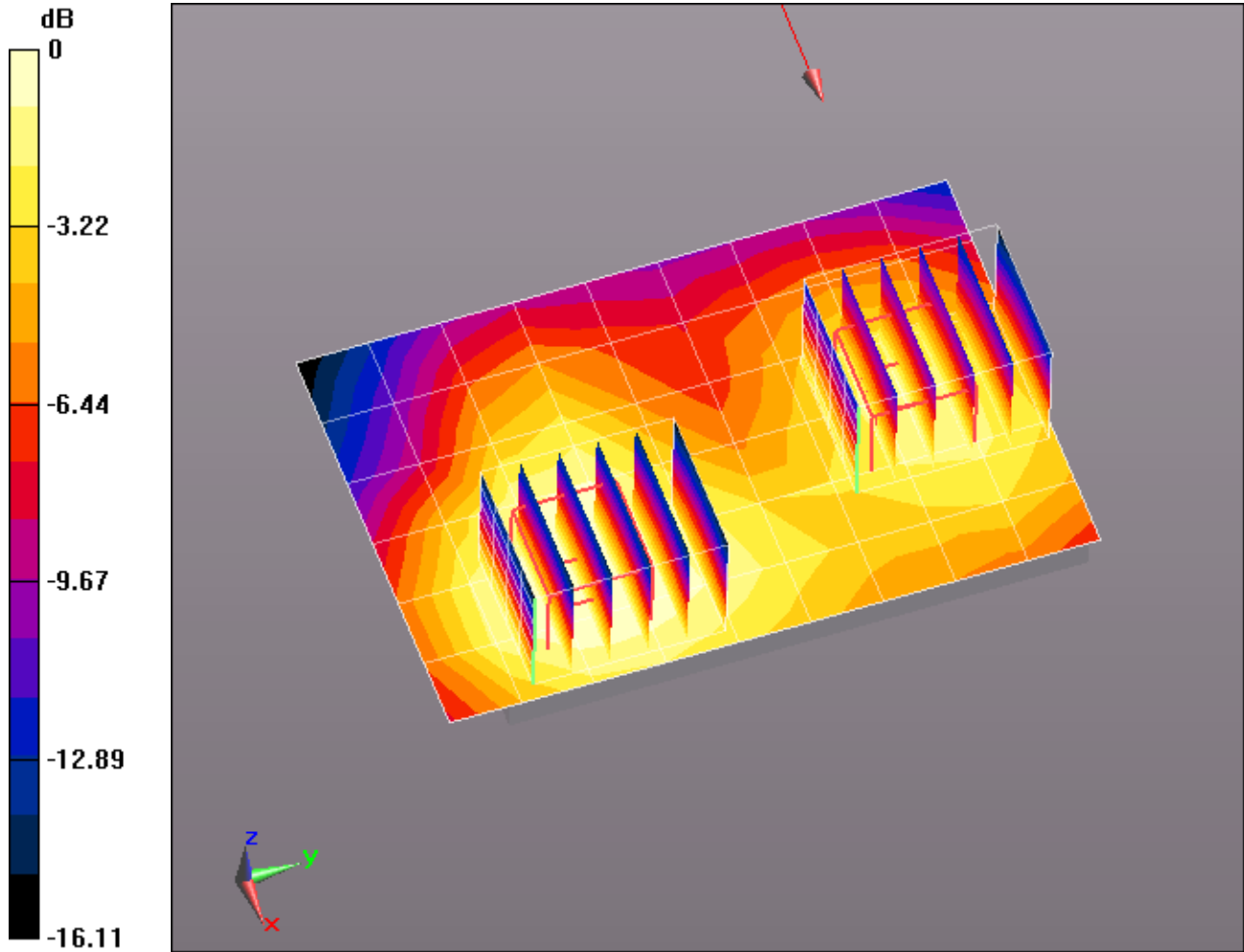
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.269 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.174 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.305 W/kg



Plot 177

Date/Time: 3/25/2013 3:23:06 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 51.172$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 21.6C; Medium Temperature: 21C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Front 0mm_Holster_1RB High_BW 20MHz/Area Scan (7x10x1): Measurement grid:

dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.279 W/kg

Flat-Section/Front 0mm_Holster_1RB High_BW 20MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.658 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.165 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.290 W/kg

Flat-Section/Front 0mm_Holster_1RB High_BW 20MHz/Zoom Scan (5x5x7)/Cube 1: Measurement

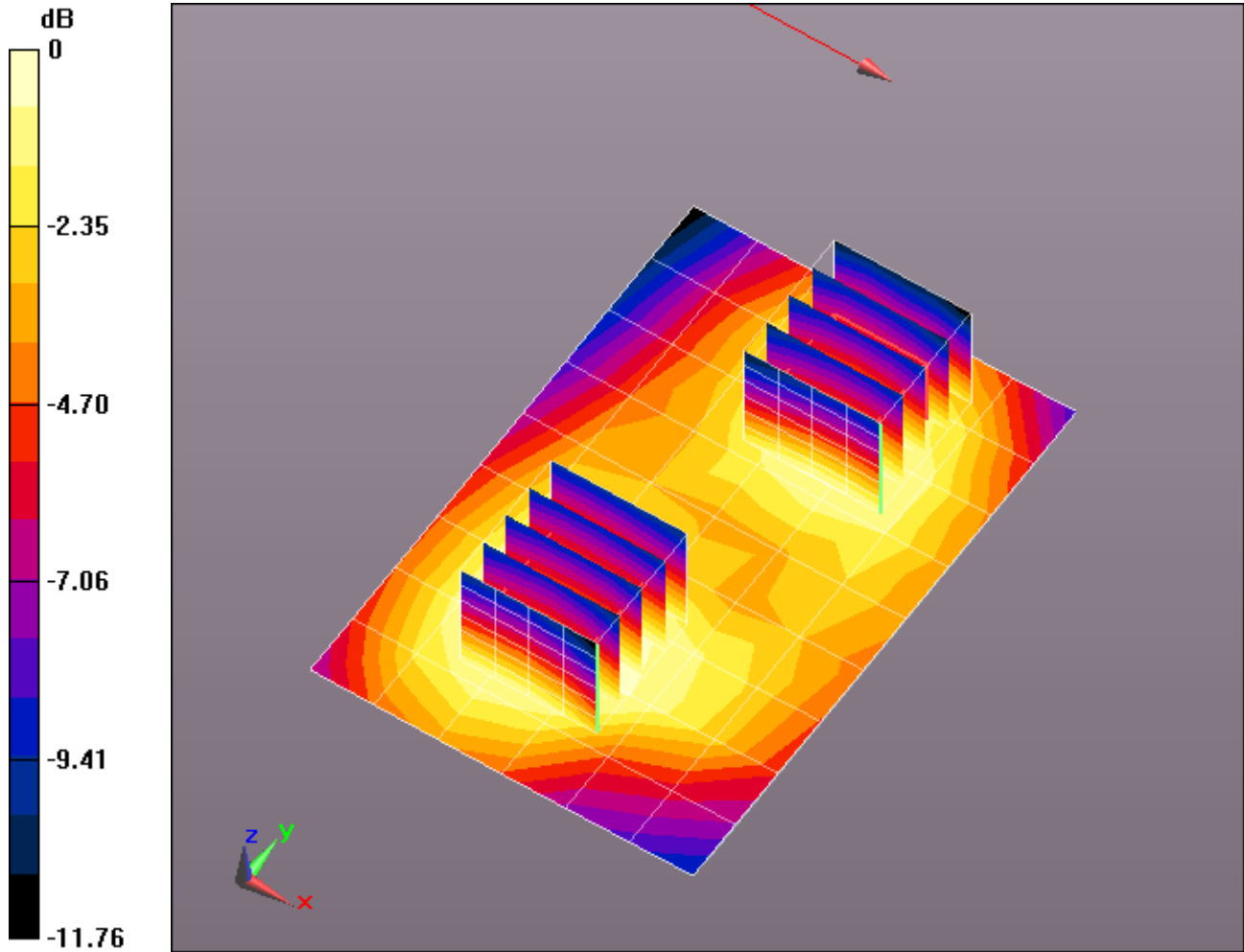
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.658 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.154 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.279 W/kg = -5.54 dBW/kg

Plot 178

Date/Time: 3/27/2013 2:46:39 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 51.363$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Kathy; Air Temperature: 22C; Medium Temperature: 22.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_1RB High_BW 20MHz_Low Ch./Area Scan (7x9x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.790 W/kg

Flat-Section 4/Back 15mm_1RB High_BW 20MHz_Low Ch./Zoom Scan (5x5x7)/Cube 0:

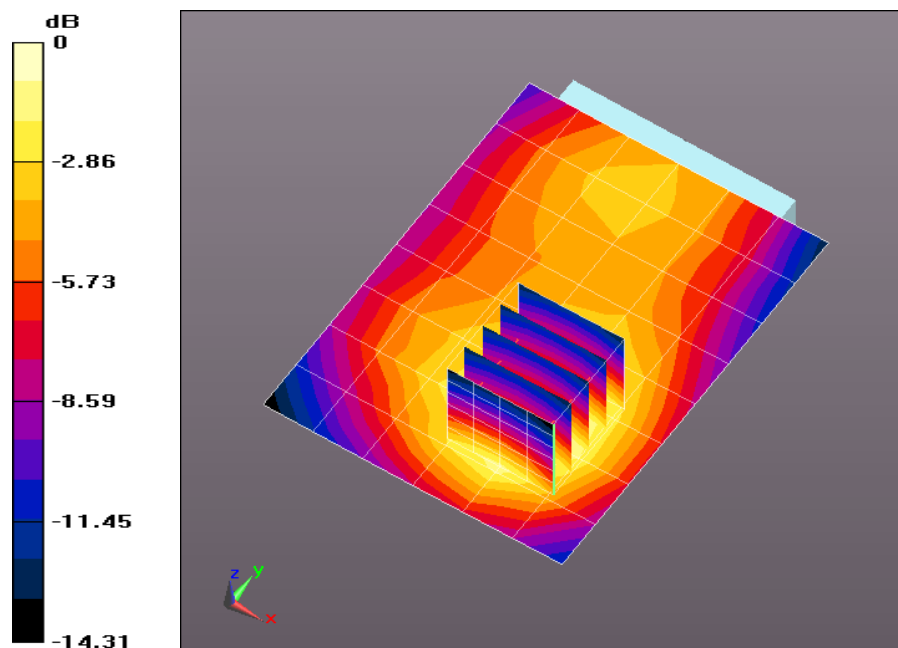
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.176 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.680 W/kg; SAR(10 g) = 0.421 W/kg

Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.790 W/kg = -1.03 dBW/kg

Plot 179

Date/Time: 3/27/2013 1:32:01 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1745 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.473$ mho/m; $\epsilon_r = 51.267$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6; Medium Temperature: 22.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_1RB High_BW 20MHz High Ch./Area Scan (7x10x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.780 W/kg

Flat-Section 4/Back 15mm_1RB High_BW 20MHz High Ch./Zoom Scan (5x5x7)/Cube 0:

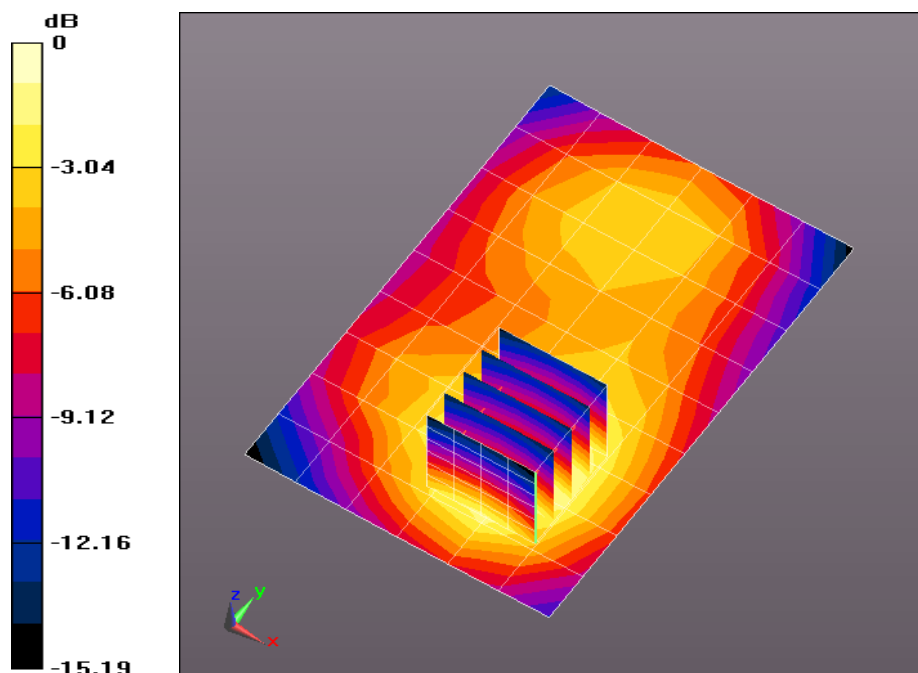
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.715 V/m; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 0.978 W/kg

SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.384 W/kg

Maximum value of SAR (measured) = 0.736 W/kg



0 dB = 0.780 W/kg = -1.08 dBW/kg

Plot 180

Date/Time: 3/27/2013 3:10:55 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 51.363$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Kathy; Air Temperature: 22C; Medium Temperature: 22.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_Headset_1RB High_BW 20MHz_Low Ch./Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 0.801 W/kg

Flat-Section 4/Back 15mm_Headset_1RB High_BW 20MHz_Low Ch./Zoom Scan (5x5x7)/Cube 0:

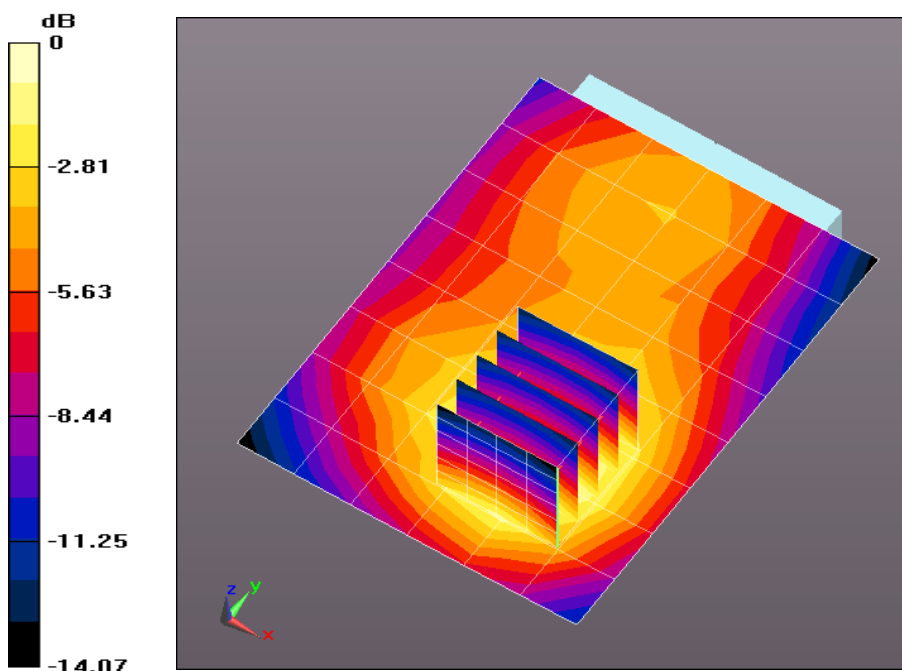
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.275 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.417 W/kg

Maximum value of SAR (measured) = 0.810 W/kg



0 dB = 0.801 W/kg = -0.97 dBW/kg

Plot 181

Date/Time: 3/28/2013 12:32:50 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 51.363$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 25C; Medium Temperature: 22.8C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_2nd battery_1RB High_BW 20MHz_Low Ch. 2/Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 0.819 W/kg

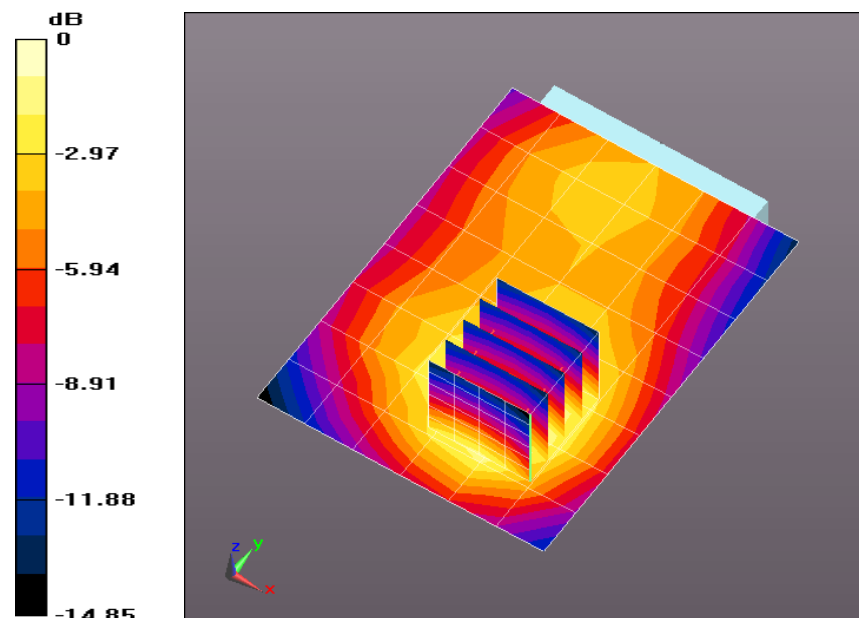
Flat-Section 4/Back 15mm_2nd battery_1RB High_BW 20MHz_Low Ch. 2/Zoom Scan (5x5x7)/Cube
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.835 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.427 W/kg

Maximum value of SAR (measured) = 0.823 W/kg



0 dB = 0.819 W/kg = -0.87 dBW/kg

Plot 182

Date/Time: 3/25/2013 1:17:49 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 51.172$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Back 15mm_50RB High_BW 20MHz/Area Scan (6x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.551 W/kg

Flat-Section/Back 15mm_50RB High_BW 20MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

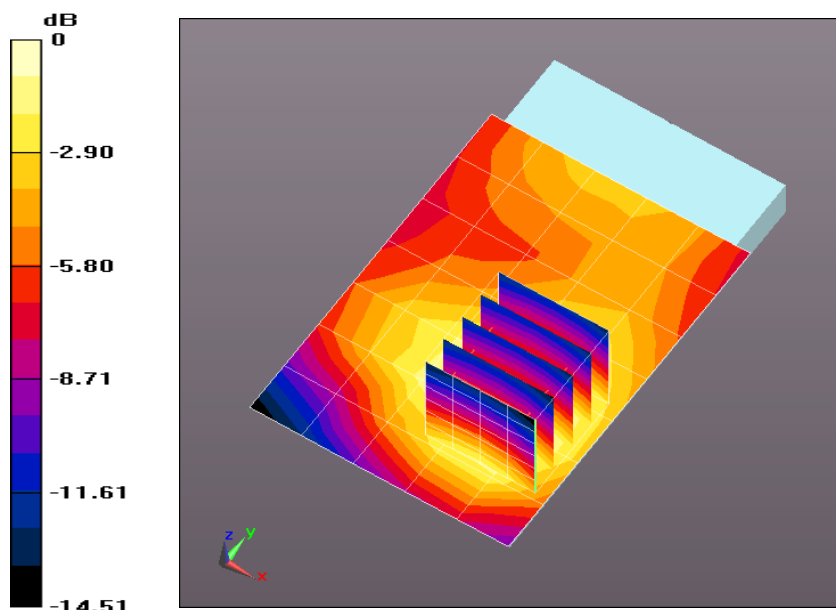
Reference Value = 17.812 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.304 W/kg

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

Maximum value of SAR (measured) = 0.576 W/kg



0 dB = 0.551 W/kg = -2.59 dBW/kg

Plot 183

Date/Time: 3/25/2013 5:57:43 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 51.172$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 23.1C; Medium Temperature: 21C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Front 15mm_50RB High_BW 20MHz/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.334 W/kg

Flat-Section/Front 15mm_50RB High_BW 20MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.434 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.188 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.348 W/kg

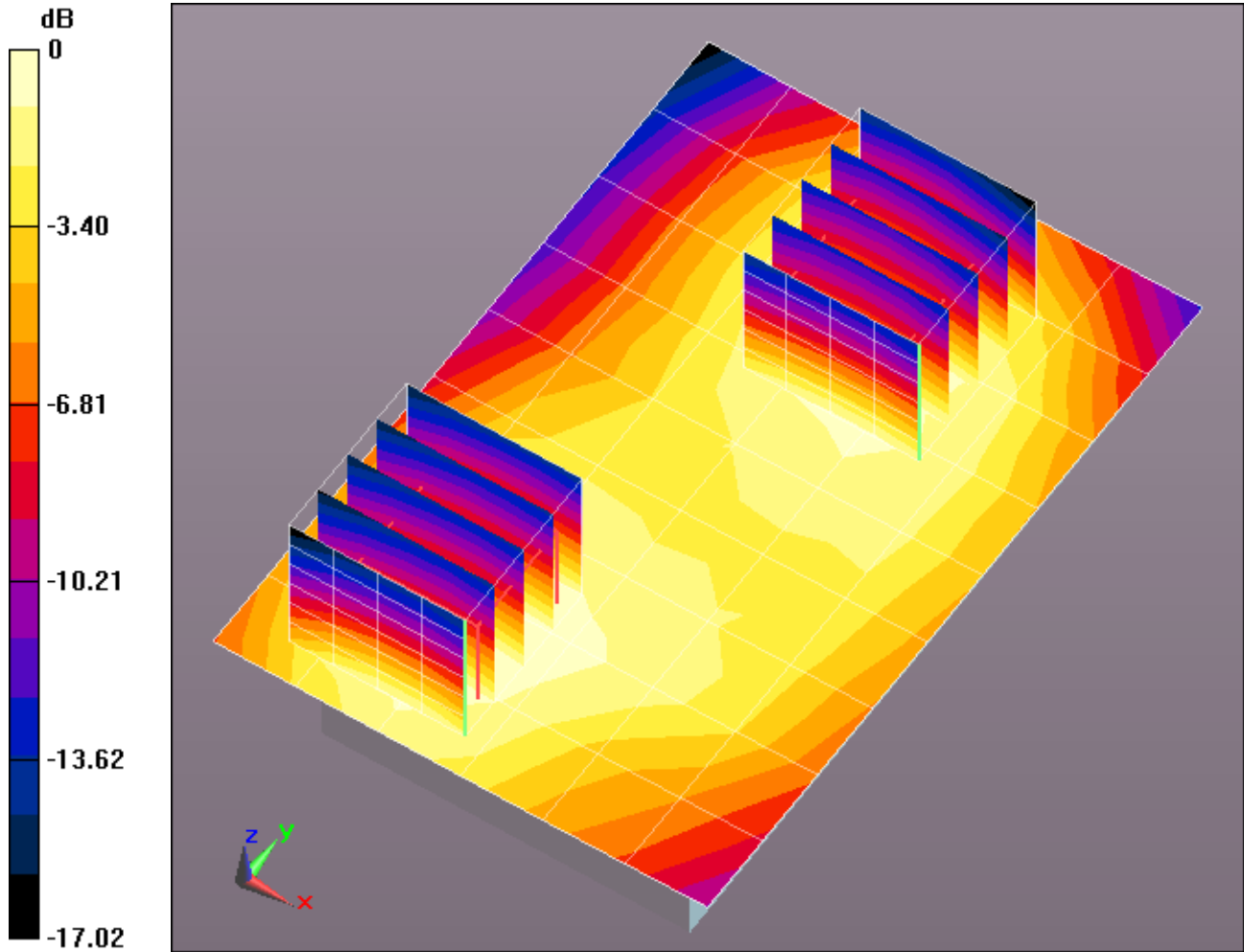
Flat-Section/Front 15mm_50RB High_BW 20MHz/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.434 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.190 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.334 W/kg = -4.76 dBW/kg

Plot 184

Date/Time: 3/25/2013 1:41:28 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 51.172$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 22.3C; Medium Temperature: 21C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Back 0mm_Holster_50RB High_BW 20MHz/Area Scan (6x8x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.350 W/kg

Flat-Section/Back 0mm_Holster_50RB High_BW 20MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

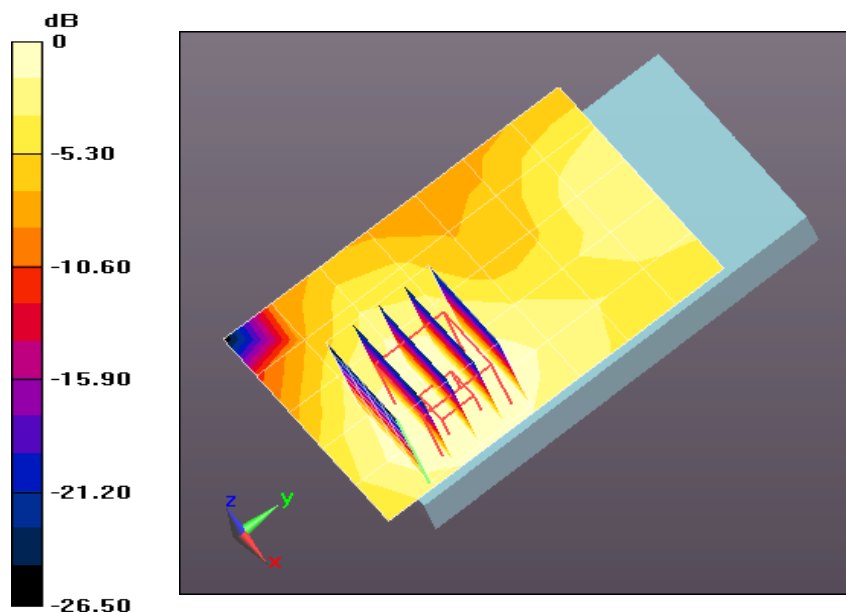
Reference Value = 13.886 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.183 W/kg

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

Maximum value of SAR (measured) = 0.329 W/kg



0 dB = 0.350 W/kg = -4.56 dBW/kg

Plot 185

Date/Time: 3/25/2013 5:01:58 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 51.172$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 21.8C; Medium Temperature: 21C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Front 0mm_Holster_50RB High_BW 20MHz/Area Scan (6x10x1): Measurement grid:

dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.199 W/kg

Flat-Section/Front 0mm_Holster_50RB High_BW 20MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.646 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.112 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)**Flat-Section/Front 0mm_Holster_50RB High_BW 20MHz/Zoom Scan (5x5x7)/Cube 1:** Measurement

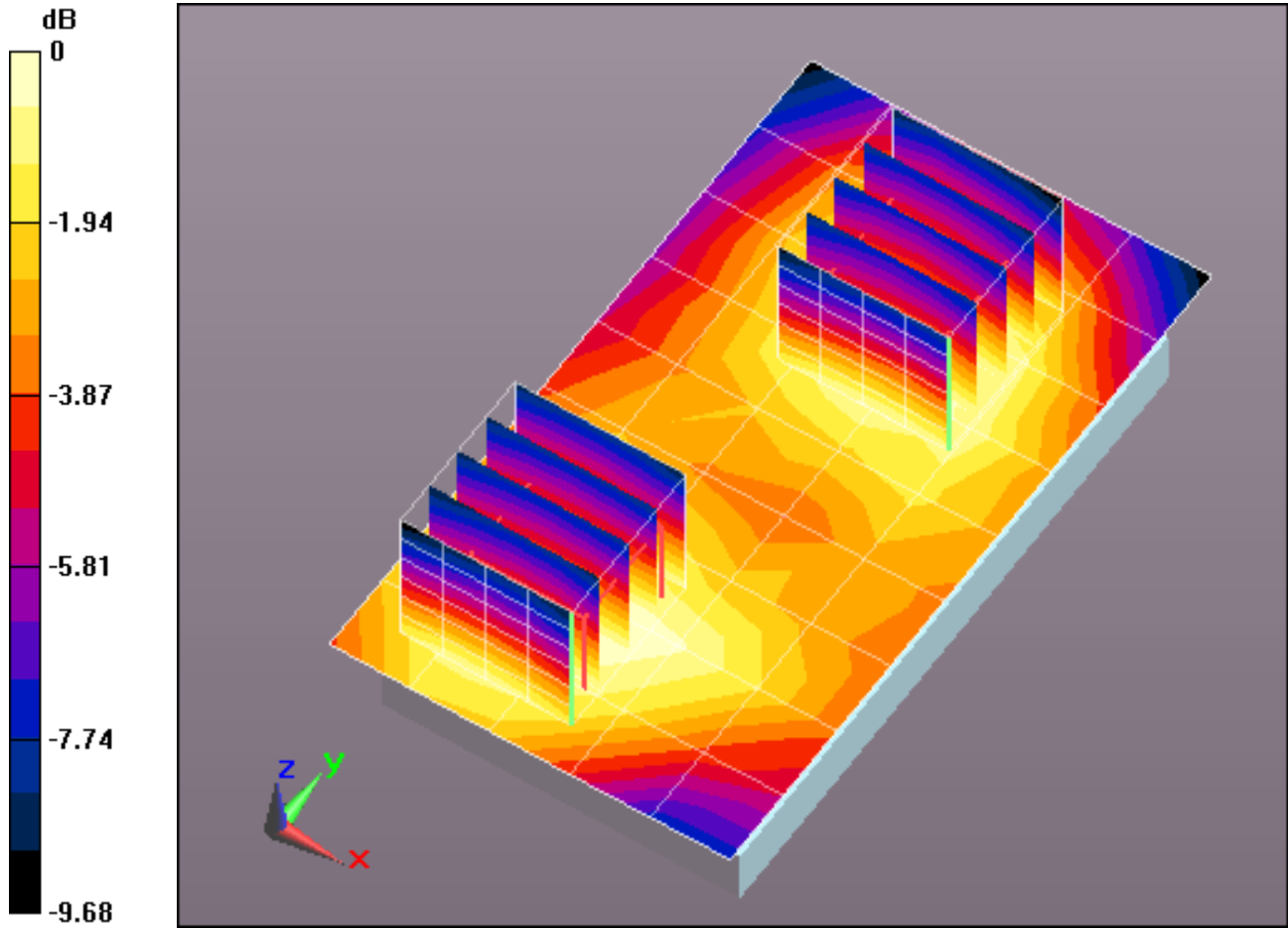
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.646 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.117 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

Plot 186

Date/Time: 3/25/2013 7:33:54 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1710 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1710$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.278$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.5C; Medium Temperature: 21.0C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Back 15mm_50RB High_BW 20MHz_Low Ch./Area Scan (7x10x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.635 W/kg

Flat-Section/Back 15mm_50RB High_BW 20MHz_Low Ch./Zoom Scan (5x5x7)/Cube 0:

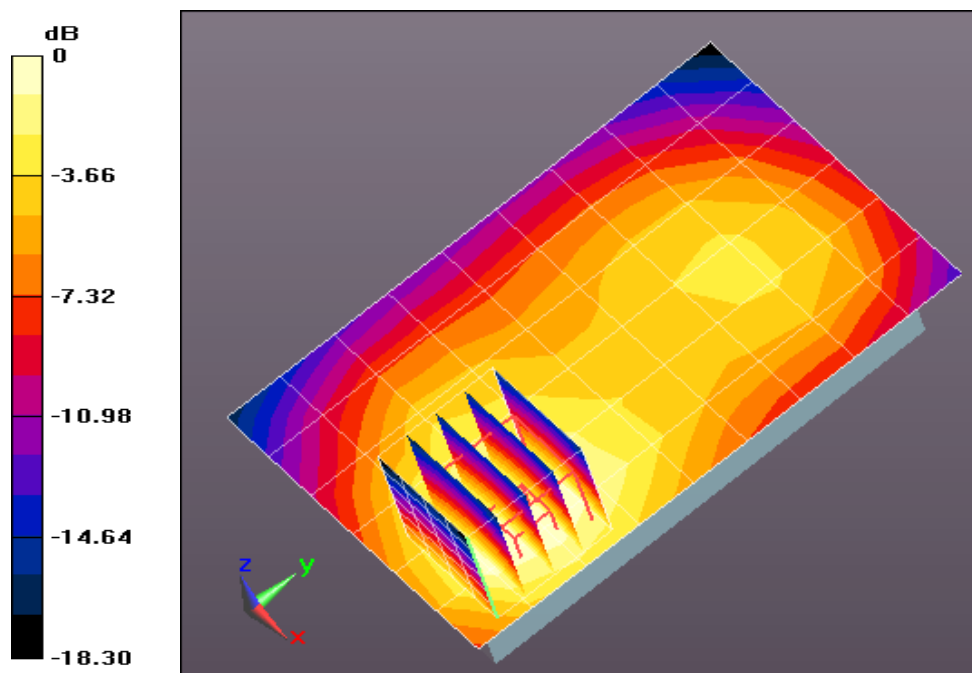
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.704 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.858 W/kg

SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 0.647 W/kg



0 dB = 0.635 W/kg = -1.98 dBW/kg

Plot 187

Date/Time: 3/26/2013 12:01:11 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1754.9 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1755 \text{ MHz}$; $\sigma = 1.544 \text{ mho/m}$; $\epsilon_r = 51.696$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.3C; Medium Temperature: 21.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 2/Back 15mm_50RB High_BW 20MHz_High Ch./Area Scan (7x8x1): Measurement grid:

 $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.595 W/kg

Flat-Section 2/Back 15mm_50RB High_BW 20MHz_High Ch./Zoom Scan (5x5x7)/Cube 0:

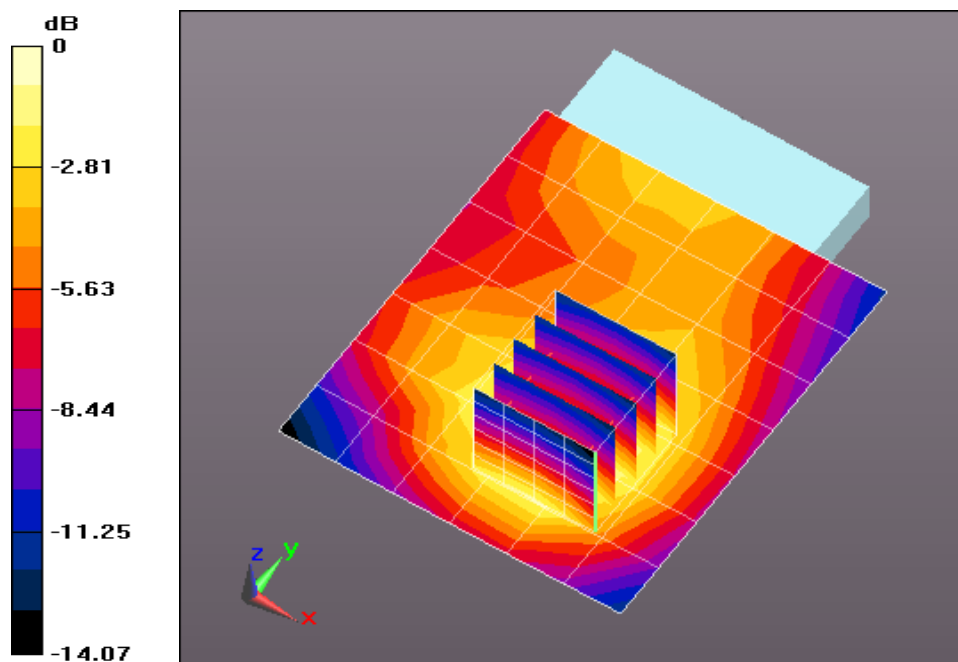
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.275 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.596 W/kg



0 dB = 0.595 W/kg = -2.25 dBW/kg

Plot 188

Date/Time: 3/27/2013 3:45:13 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1720 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 51.363$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 22.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_Headset_50RB High_BW 20MHz_Low Ch./Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 0.629 W/kg

Flat-Section 4/Back 15mm_Headset_50RB High_BW 20MHz_Low Ch./Zoom Scan (5x5x7)/Cube 0:

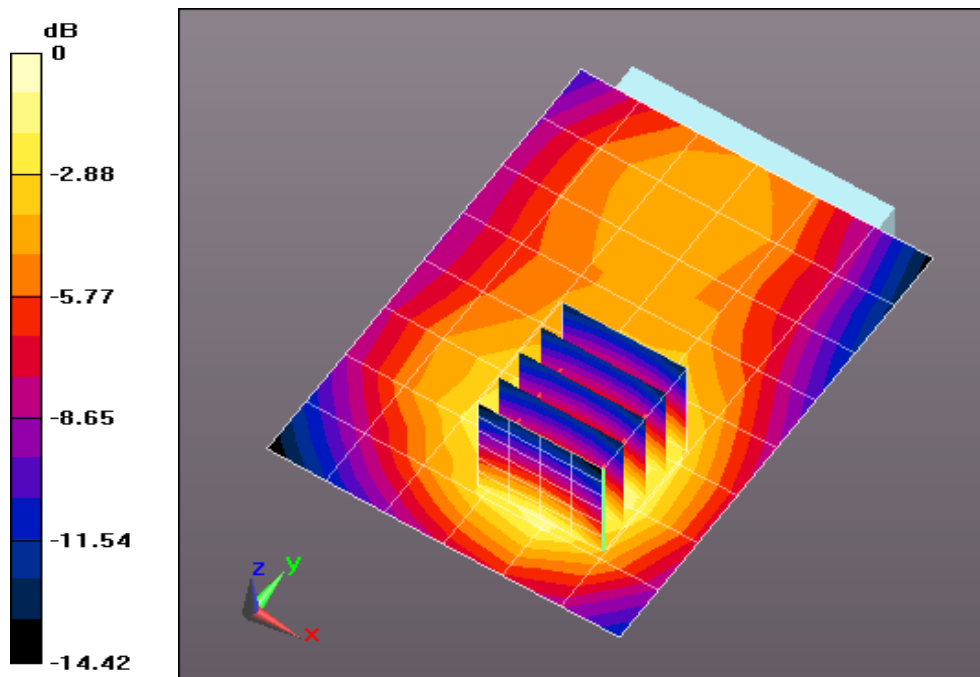
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.198 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.825 W/kg

SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 0.623 W/kg



0 dB = 0.629 W/kg = -2.01 dBW/kg

Plot 189

Date/Time: 3/27/2013 9:22:28 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1720 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 51.363$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.5C; Medium Temperature: 22.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_2nd battery_50RB High_BW 20MHz_Low Ch./Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 0.537 W/kg

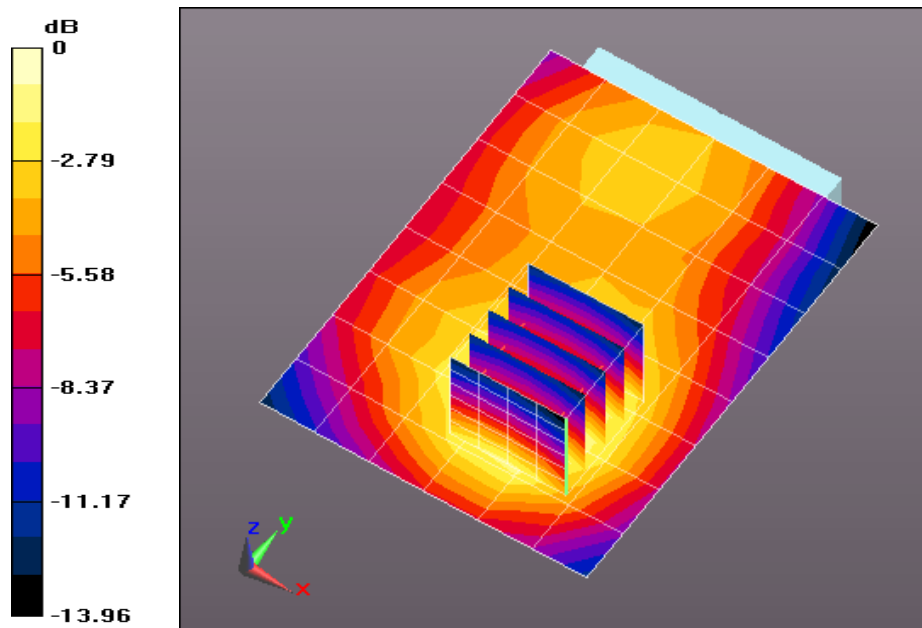
Flat-Section 4/Back 15mm_2nd battery_50RB High_BW 20MHz_Low Ch./Zoom Scan (5x5x7)/Cube
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.578 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.286 W/kg

Maximum value of SAR (measured) = 0.541 W/kg



0 dB = 0.537 W/kg = -2.70 dBW/kg

Plot 190

Date/Time: 3/27/2013 10:24:28 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-6848

Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1720 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 51.363$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.5C; Medium Temperature: 22.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASYS2 52.8.1(838);

Flat-Section 6.5 dB/Back 15mm_1RB High_BW 20MHz_Low Ch./Area Scan (7x9x1): Measurement

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

Maximum value of SAR (measured) = 0.152 W/kg

Flat-Section 6.5 dB/Back 15mm_1RB High_BW 20MHz_Low Ch./Zoom Scan (5x5x7)/Cube 0:

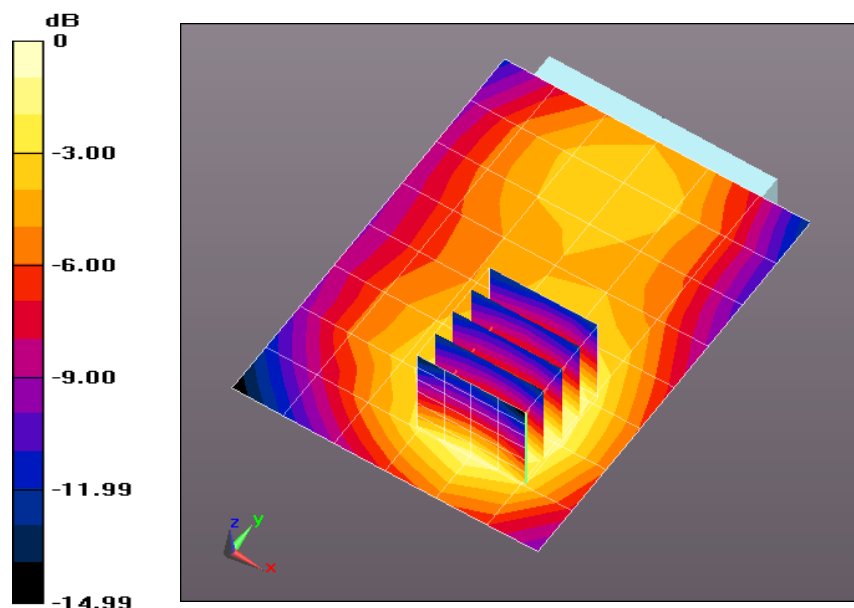
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.524 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.160 W/kg



0 dB = 0.152 W/kg = -8.17 dBW/kg

Plot 191

Date/Time: 3/27/2013 11:52:45 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7446

Communication System: LTE (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 51.363$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 22.7C; Medium Temperature: 22.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.08, 5.08, 5.08); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 8.5 dB/Back 15mm_1RB High_BW 20MHz_Low Ch./Area Scan (7x9x1): Measurement

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

Maximum value of SAR (measured) = 0.0612 W/kg

Flat-Section 8.5 dB/Back 15mm_1RB High_BW 20MHz_Low Ch./Zoom Scan (5x5x7)/Cube 0:

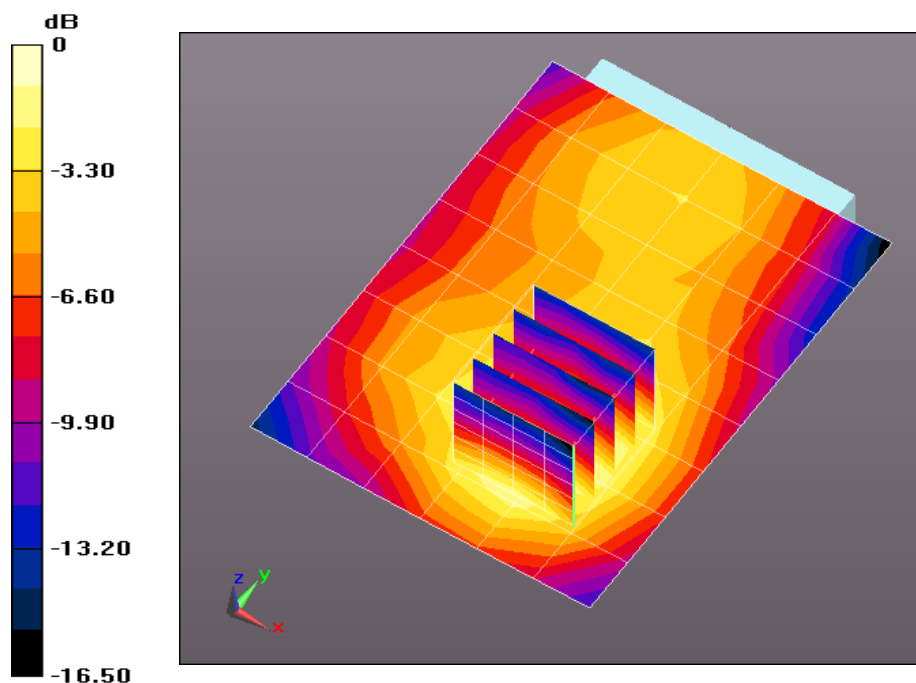
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.505 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0800 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0605 W/kg



0 dB = 0.0612 W/kg = -12.13 dBW/kg

Plot 192

Date/Time: 3/28/2013 3:53:56 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Back 15mm_Low_1RB_BW 10MHz/Area Scan (6x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.618 W/kg

Flat-Section/Back 15mm_Low_1RB_BW 10MHz/Zoom Scan (6x6x7)/Cube 0: Measurement grid:

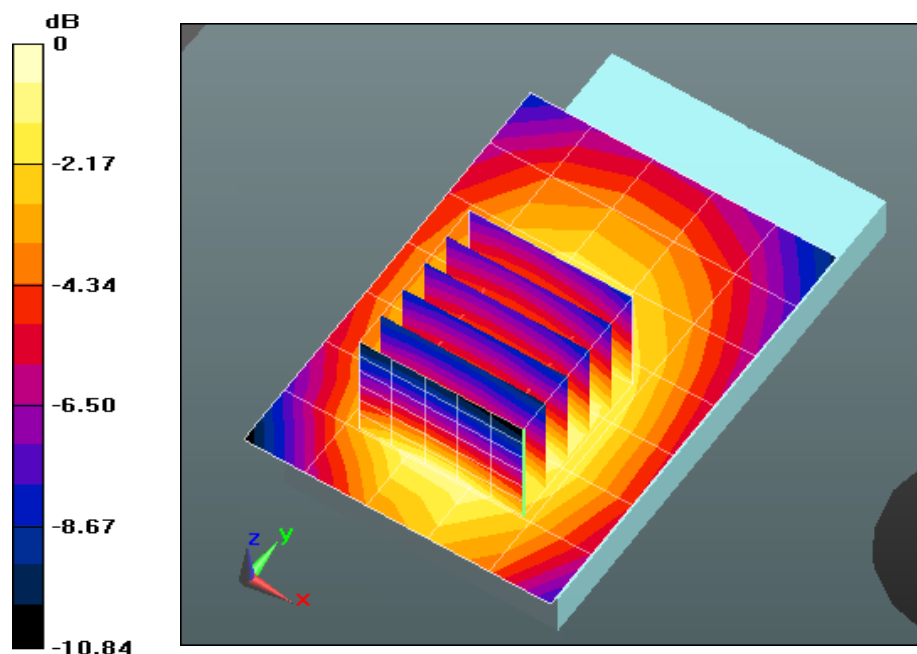
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.944 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.403 W/kg

Maximum value of SAR (measured) = 0.644 W/kg



0 dB = 0.618 W/kg = -2.09 dBW/kg

Plot 193

Date/Time: 3/28/2013 10:29:51 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Front 15mm_Low_1RB_BW 10MHz/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.551 W/kg

Flat-Section/Front 15mm_Low_1RB_BW 10MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

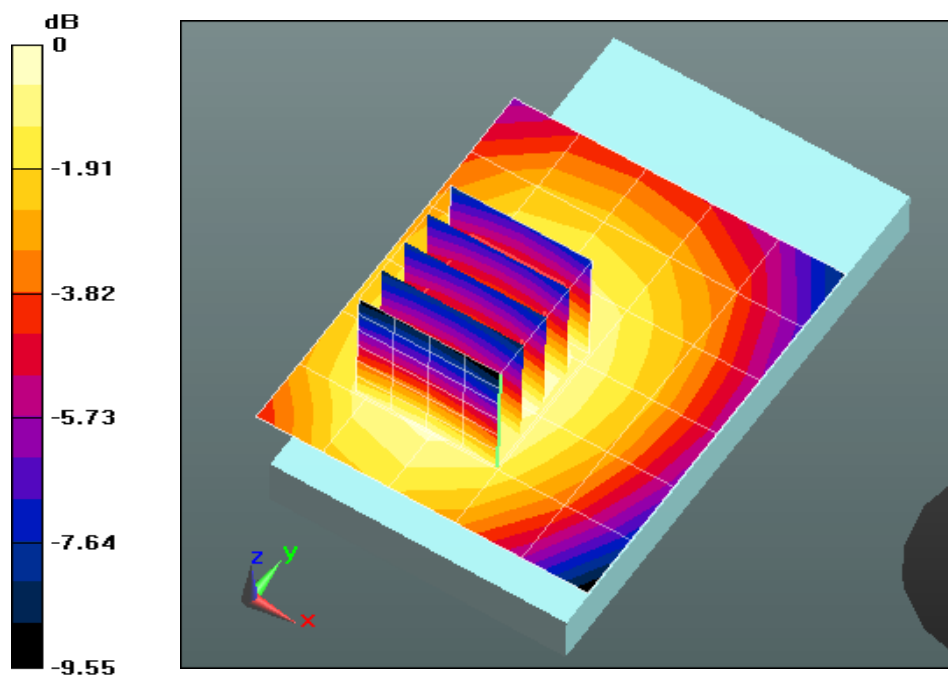
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.101 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.659 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.381 W/kg

Maximum value of SAR (measured) = 0.563 W/kg



0 dB = 0.551 W/kg = -2.59 dBW/kg

Plot 194

Date/Time: 3/28/2013 4:28:54 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 22.1C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Back 0mm_Low_Holster_1RB_BW 10MHz/Area Scan (6x8x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.414 W/kg

Flat-Section/Back 0mm_Low_Holster_1RB_BW 10MHz/Zoom Scan (5x6x7)/Cube 0: Measurement

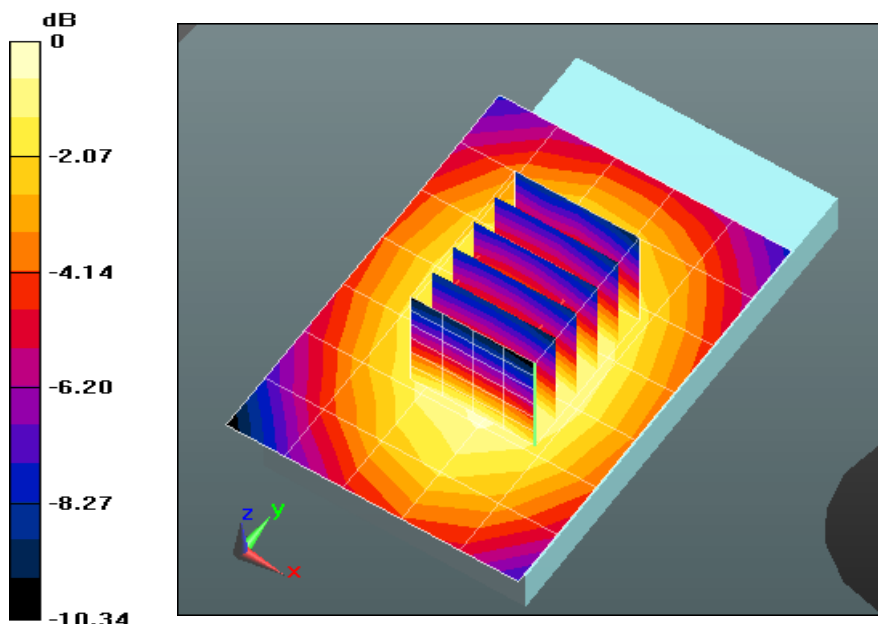
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.863 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg

Plot 195

Date/Time: 3/28/2013 5:16:00 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 21.8C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Front 0mm_Low_Holster_1RB_BW 10MHz/Area Scan (6x7x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.414 W/kg

Flat-Section/Front 0mm_Low_Holster_1RB_BW 10MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

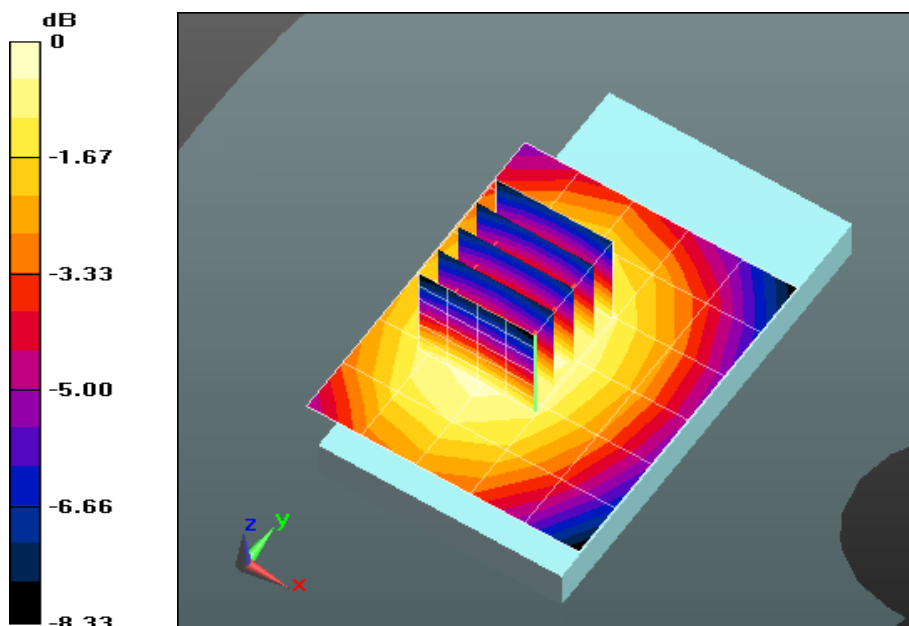
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.345 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.472 W/kg

SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.411 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg

Plot 196

Date/Time: 3/28/2013 5:29:27 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 22.0C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Back 15mm_Low_Headset_1RB_BW 10MHz/Area Scan (6x8x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.512 W/kg

Flat-Section/Back 15mm_Low_Headset_1RB_BW 10MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

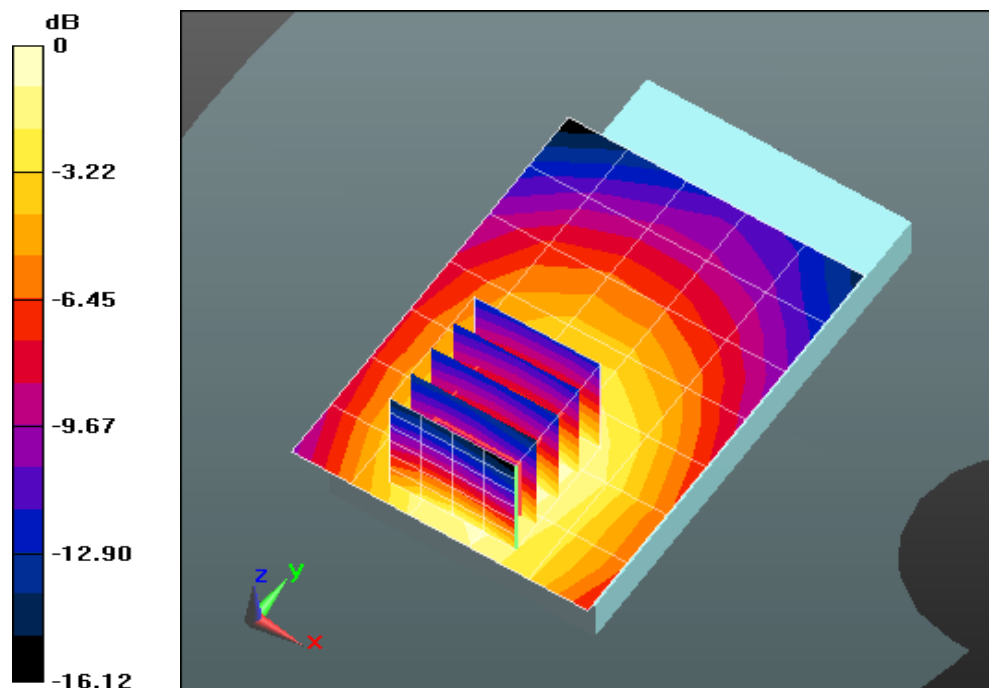
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.048 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 0.607 W/kg



0 dB = 0.512 W/kg = -2.91 dBW/kg

Plot 197

Date/Time: 3/28/2013 6:20:17 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 21.6C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Back 15mm_Low_2nd Battery_1RB_BW 10MHz/Area Scan (6x8x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.706 W/kg

Flat-Section/Back 15mm_Low_2nd Battery_1RB_BW 10MHz/Zoom Scan (5x6x7)/Cube 0:

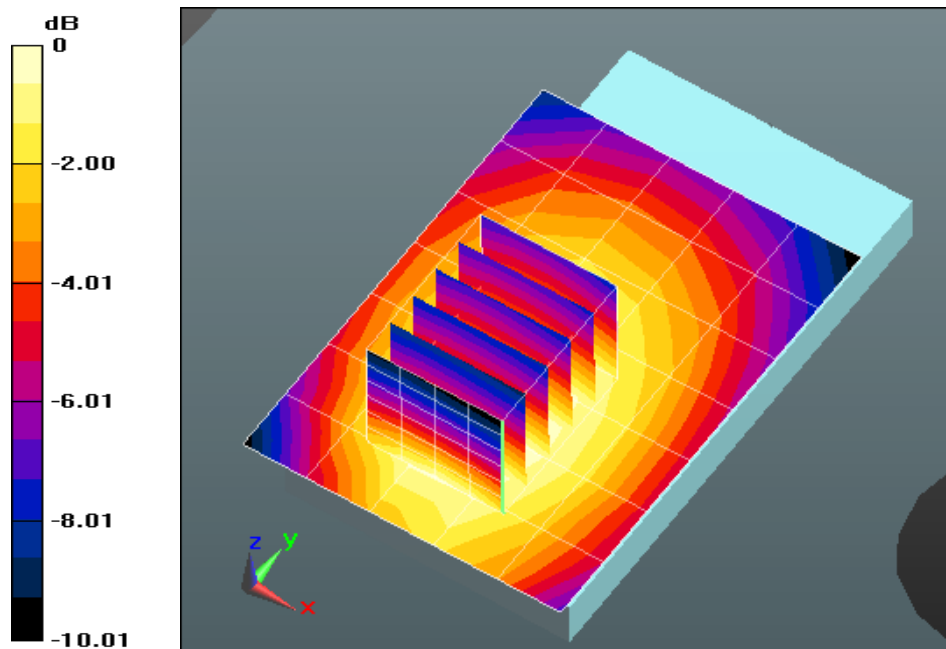
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.124 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.470 W/kg

Maximum value of SAR (measured) = 0.741 W/kg



0 dB = 0.706 W/kg = -1.51 dBW/kg

Plot 198

Date/Time: 3/28/2013 3:41:01 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Back 15mm_Low_25RB_BW 10MHz/Area Scan (6x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.436 W/kg

Flat-Section/Back 15mm_Low_25RB_BW 10MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

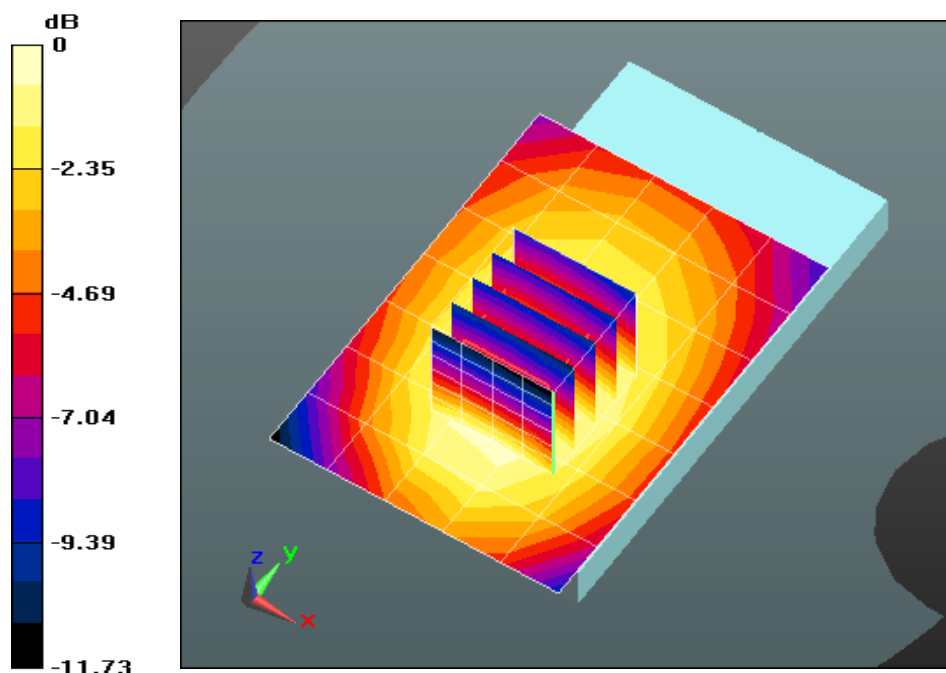
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.048 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.436 W/kg = -3.60 dBW/kg

Plot 199

Date/Time: 3/28/2013 10:16:43 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 21.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Front 15mm_Low_25RB_BW 10MHz/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.392 W/kg

Flat-Section/Front 15mm_Low_25RB_BW 10MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

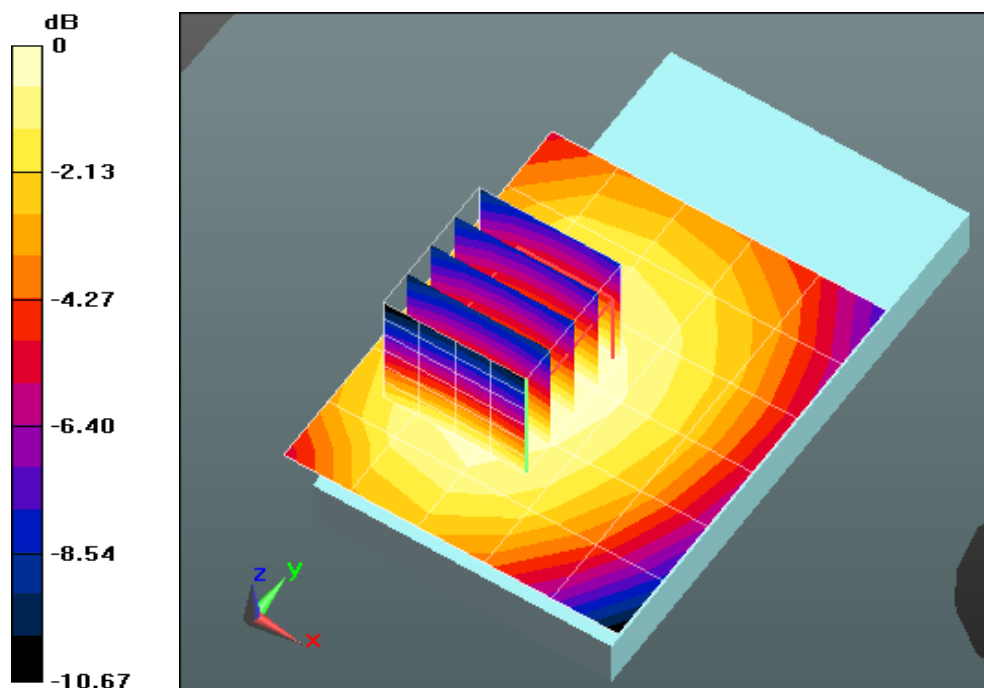
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.308 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.392 W/kg = -4.06 dBW/kg

Plot 200

Date/Time: 3/28/2013 4:48:24 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: John; Air Temperature: 22.2C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASYS2 52.8.1(838);

Flat-Section/Back 0mm_Low_Holster_25RB_BW 10MHz/Area Scan (6x8x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.291 W/kg

Flat-Section/Back 0mm_Low_Holster_25RB_BW 10MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

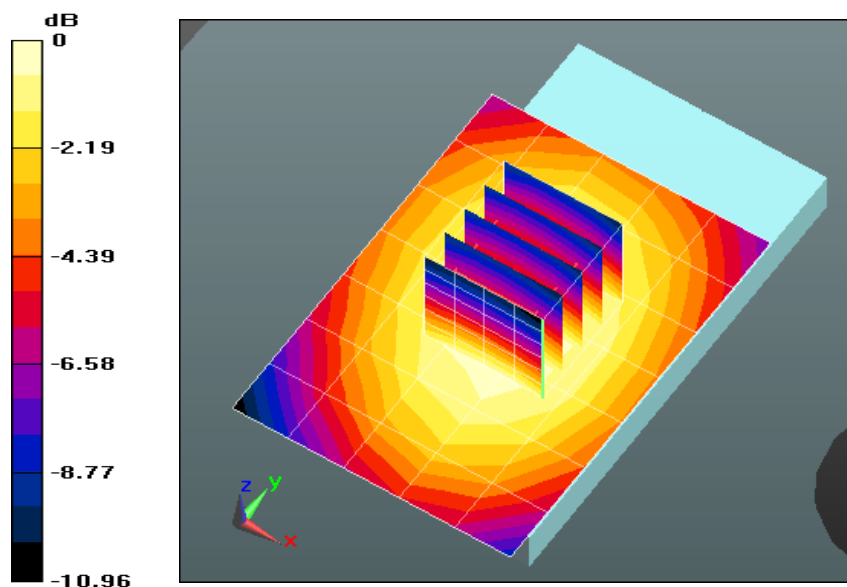
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.934 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.296 W/kg



0 dB = 0.291 W/kg = -5.36 dBW/kg

Plot 201

Date/Time: 3/28/2013 5:02:49 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 22.0C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Front 0mm_Low_Holster_25RB_BW 10MHz/Area Scan (6x7x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.252 W/kg

Flat-Section/Front 0mm_Low_Holster_25RB_BW 10MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

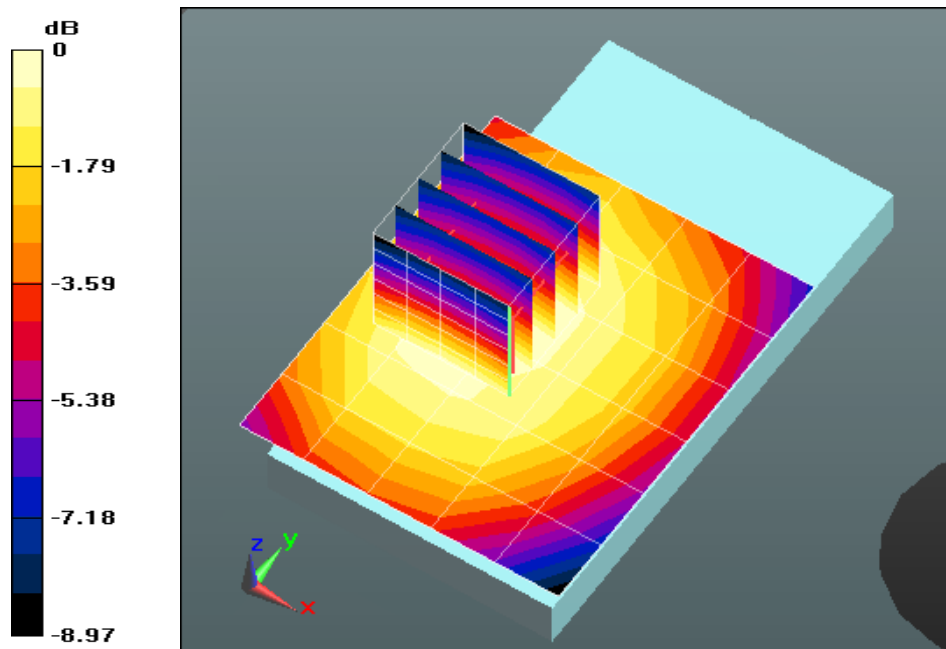
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.922 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



0 dB = 0.252 W/kg = -5.99 dBW/kg

Plot 202

Date/Time: 3/28/2013 5:46:02 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 21.7C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Back 15mm_Low_Headset_25RB_BW 10MHz/Area Scan (6x8x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.402 W/kg

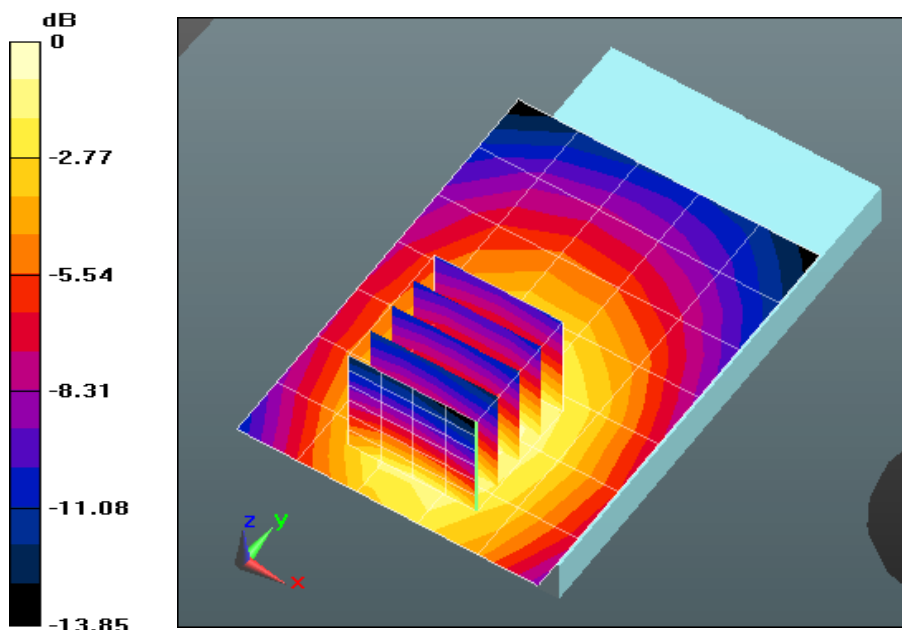
Flat-Section/Back 15mm_Low_Headset_25RB_BW 10MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.665 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.571 W/kg

SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 0.443 W/kg



0 dB = 0.402 W/kg = -3.95 dBW/kg

Plot 203

Date/Time: 3/28/2013 6:03:51 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 21.7C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Back 15mm_Low_2nd Battery_25RB_BW 10MHz/Area Scan (6x8x1): Measurement

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

Maximum value of SAR (measured) = 0.515 W/kg

Flat-Section/Back 15mm_Low_2nd Battery_25RB_BW 10MHz/Zoom Scan (6x6x7)/Cube 0:

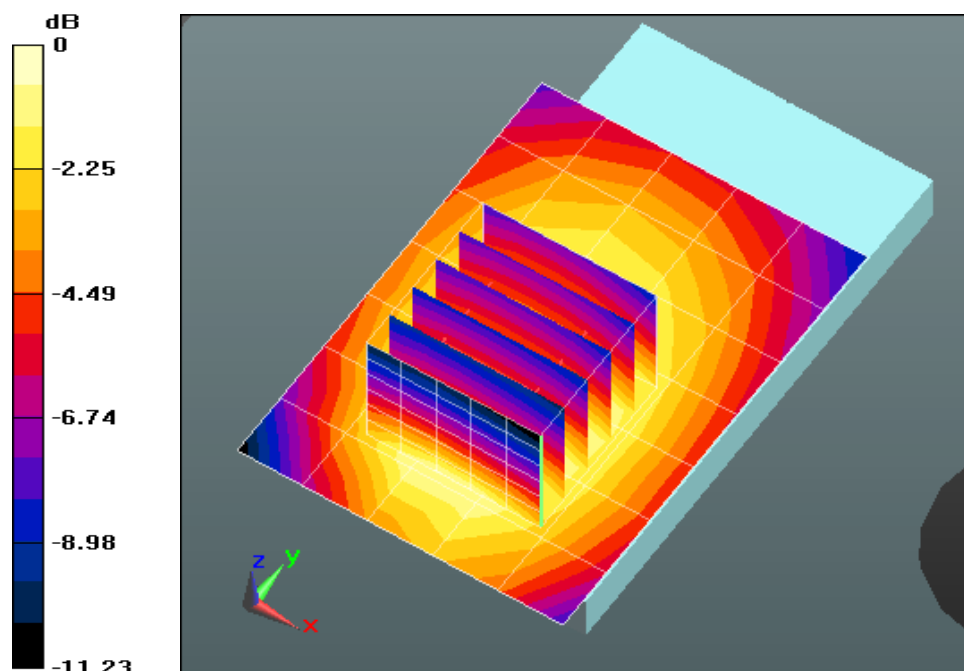
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.351 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.682 W/kg

SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (measured) = 0.532 W/kg



0 dB = 0.515 W/kg = -2.88 dBW/kg

Plot 204

Date/Time: 3/28/2013 9:33:50 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 21.4C; Medium Temperature: 21C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section 3db/Back 15mm_Low_3db_1RB_BW 10MHz/Area Scan (6x8x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.287 W/kg

Flat-Section 3db/Back 15mm_Low_3db_1RB_BW 10MHz/Zoom Scan (5x6x7)/Cube 0: Measurement

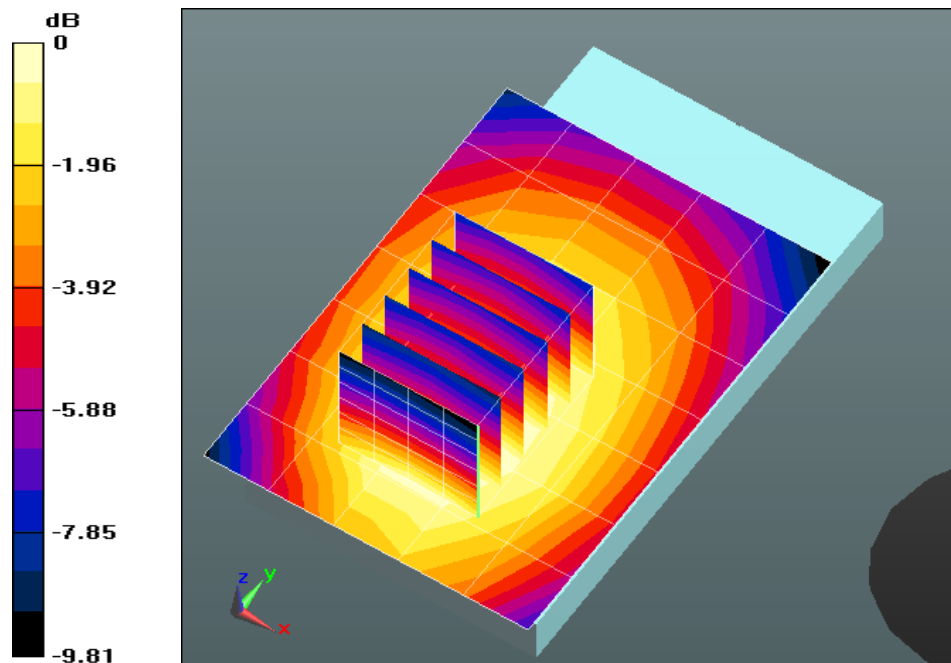
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.728 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg

Plot 205

Date/Time: 3/28/2013 9:08:27 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 782$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 56.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 21.3C; Medium Temperature: 21C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.13, 6.13, 6.13); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section 5db/Back 15mm_Low_5db_1RB_BW 10MHz/Area Scan (6x8x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.146 W/kg

Flat-Section 5db/Back 15mm_Low_5db_1RB_BW 10MHz/Zoom Scan (6x6x7)/Cube 0: Measurement

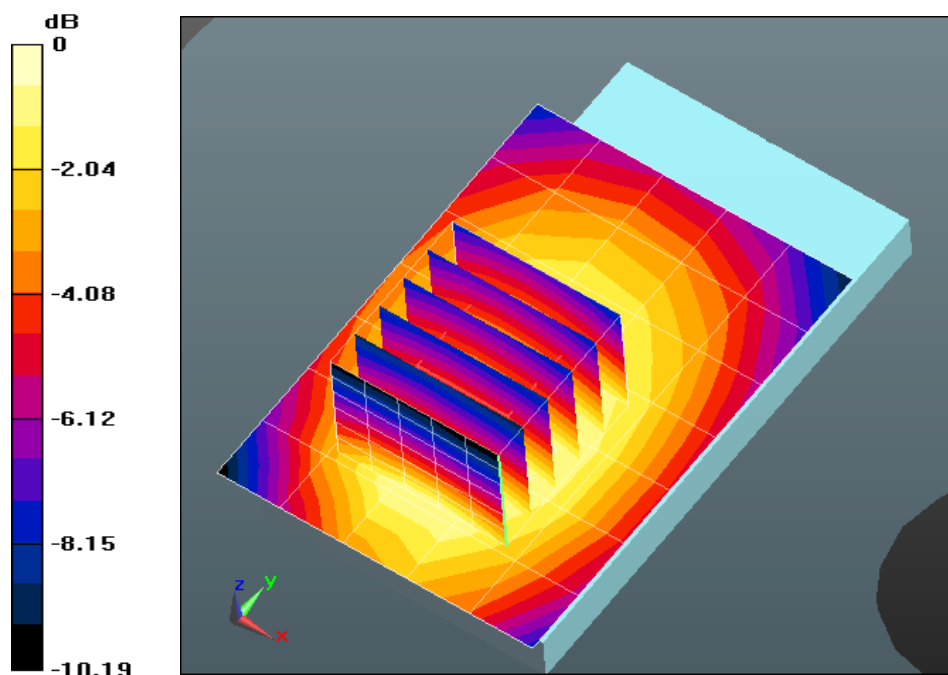
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.613 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.154 W/kg



0 dB = 0.146 W/kg = -8.35 dBW/kg

Plot 206

Date/Time: 20.03.2013 10:16:54 Date/Time: 20.03.2013 10:34:51

OET65-Body-WLAN

DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 2450 US; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1559; ConvF(4.02, 4.02, 4.02); Calibrated: 16.01.2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Mid 15mm/Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.240 mW/g

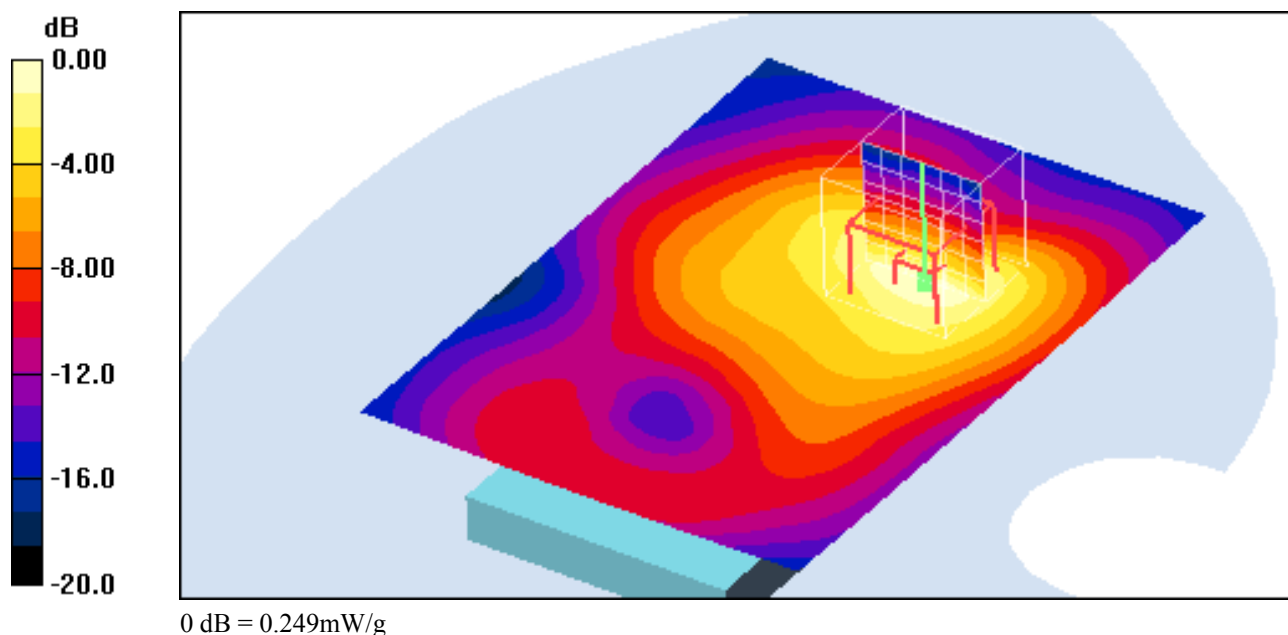
Rear position - Mid 15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.560 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.249 mW/g



Additional information:

position or distance of DUT to SAM : 15mm

ambient temperature: 22.8°C; liquid temperature: 22.1°C

Plot 207

Date/Time: 20.03.2013 10:50:34 Date/Time: 20.03.2013 11:08:30

OET65-Body-WLAN with Holster

DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 2450 US; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1559; ConvF(4.02, 4.02, 4.02); Calibrated: 16.01.2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Mid with Holster/Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.114 mW/g

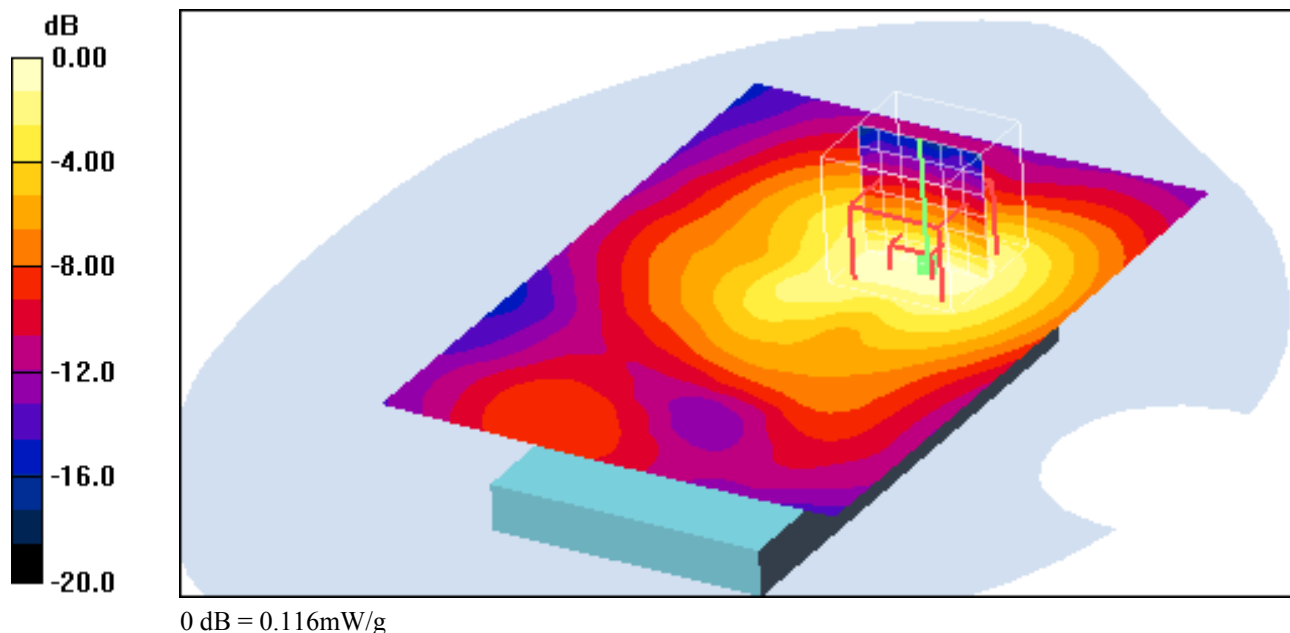
Rear position - Mid with Holster/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.74 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.116 mW/g



Additional information:

position or distance of DUT to SAM : 0mm

ambient temperature: 22.8°C; liquid temperature: 22.1°C

Plot 208

Date/Time: 22.03.2013 18:56:06 Date/Time: 22.03.2013 19:14:45

OET65-Body-WLAN5GHz

DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: M5 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.34 \text{ mho/m}$; $\epsilon_r = 48$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3566; ConvF(3.5, 3.5, 3.5); Calibrated: 23.08.2012

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn413; Calibrated: 11.01.2013

- Phantom: SAM 12; Type: SAM; Serial: 1043

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Channel 36/Area Scan (101x151x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.613 mW/g

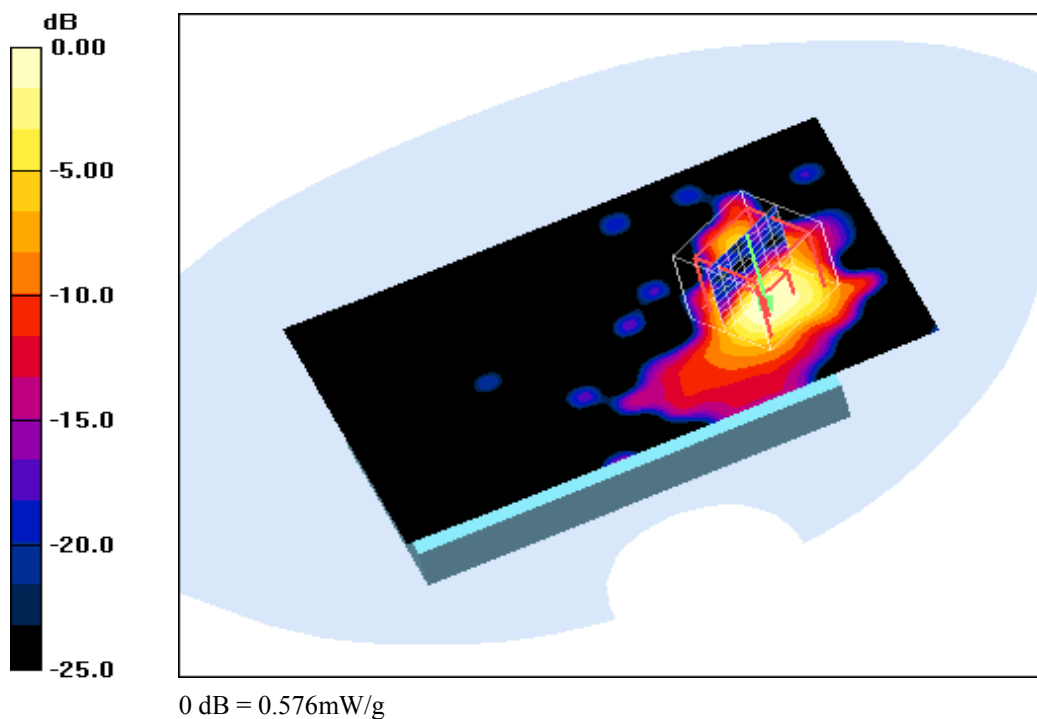
Rear position - Channel 36/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 10.5 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.576 mW/g



Additional information:

position or distance of DUT to SAM: 15 mm

ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 209

Date/Time: 22.03.2013 18:04:23 Date/Time: 22.03.2013 18:22:30

OET65-Body-WLAN5GHz

DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: M5 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.53$ mho/m; $\epsilon_r = 47.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3566; ConvF(3.35, 3.35, 3.35); Calibrated: 23.08.2012

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn413; Calibrated: 11.01.2013

- Phantom: SAM 12; Type: SAM; Serial: 1043

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Channel 64/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.384 mW/g

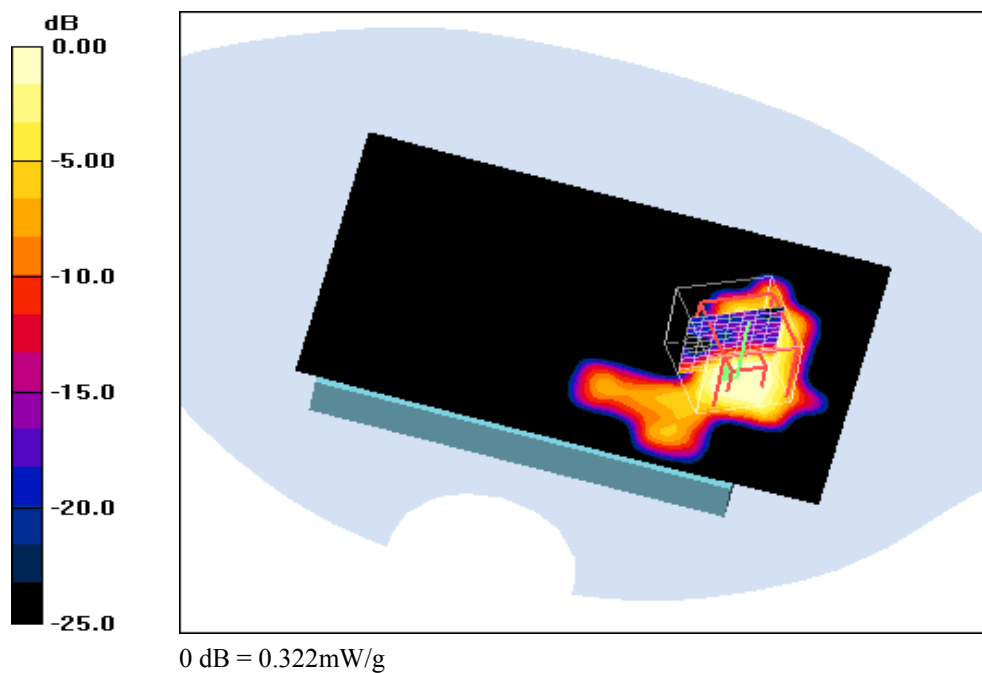
Rear position - Channel 64/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.18 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.322 mW/g



Additional information:

position or distance of DUT to SAM: 15 mm

ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 210

Date/Time: 22.03.2013 21:08:29 Date/Time: 22.03.2013 21:29:19

OET65-Body-WLAN5GHz

DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: M5 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.71$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3566; ConvF(3.1, 3.1, 3.1); Calibrated: 23.08.2012

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn413; Calibrated: 11.01.2013

- Phantom: SAM 12; Type: SAM; Serial: 1043

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Channel 100/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm

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

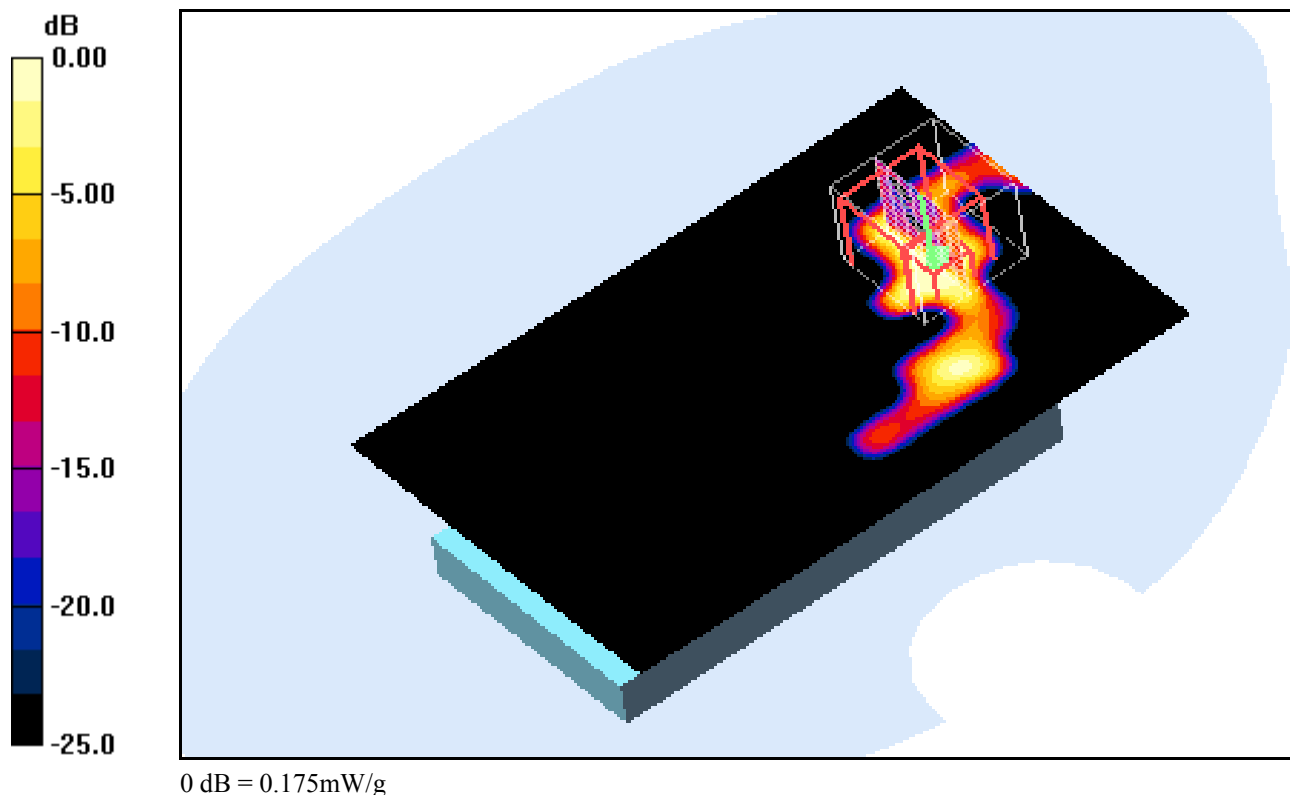
Rear position - Channel 100/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.30 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.858 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.027 mW/g

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



Additional information:

position or distance of DUT to SAM: 15 mm

ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 211

Date/Time: 22.03.2013 22:50:31 Date/Time: 22.03.2013 22:09:23

OET65-Body-WLAN5GHz

DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: M5 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.01 \text{ mho/m}$; $\epsilon_r = 46.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3566; ConvF(3.12, 3.12, 3.12); Calibrated: 23.08.2012

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn413; Calibrated: 11.01.2013

- Phantom: SAM 12; Type: SAM; Serial: 1043

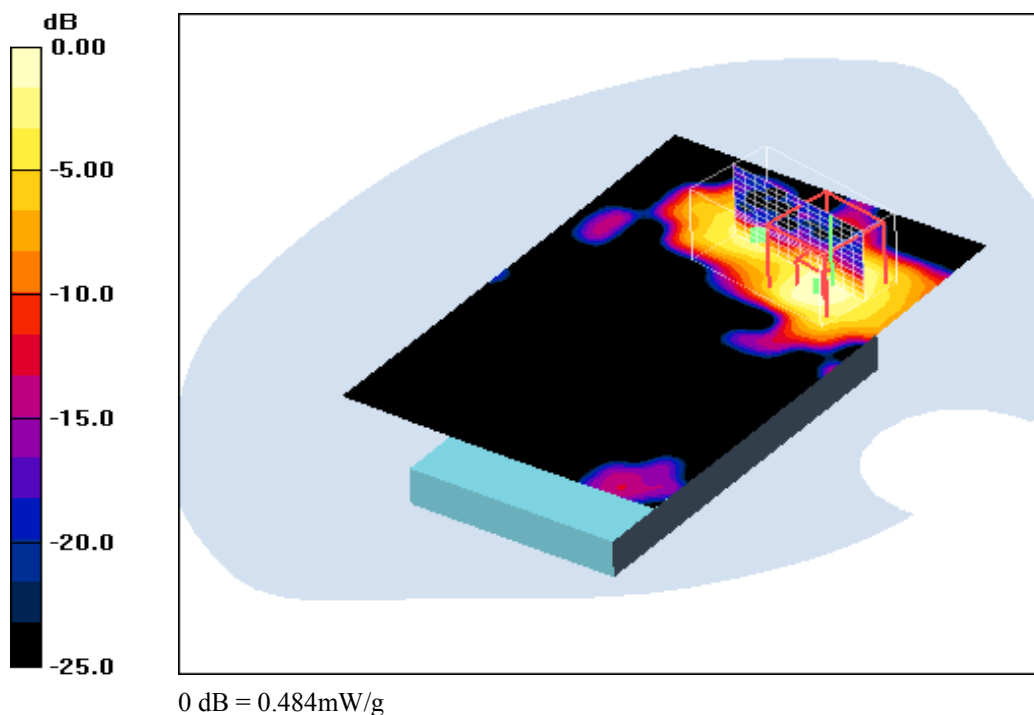
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Channel 149/Area Scan (101x151x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.483 mW/g
Rear position - Channel 149/Zoom Scan (13x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 9.22 V/m ; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 0.872 W/kg
SAR(1 g) = 0.252 mW/g ; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.484 mW/g


Additional information:

position or distance of DUT to SAM: 15 mm

ambient temperature: 21.6°C ; liquid temperature: 20.2°C

Plot 212

Date/Time: 22.03.2013 23:09:33 Date/Time: 22.03.2013 23:27:34

OET65-Body-WLAN5GHz

DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: M5 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 48$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3566; ConvF(3.5, 3.5, 3.5); Calibrated: 23.08.2012

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn413; Calibrated: 11.01.2013

- Phantom: SAM 12; Type: SAM; Serial: 1043

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Channel 36 with Holster/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.320 mW/g

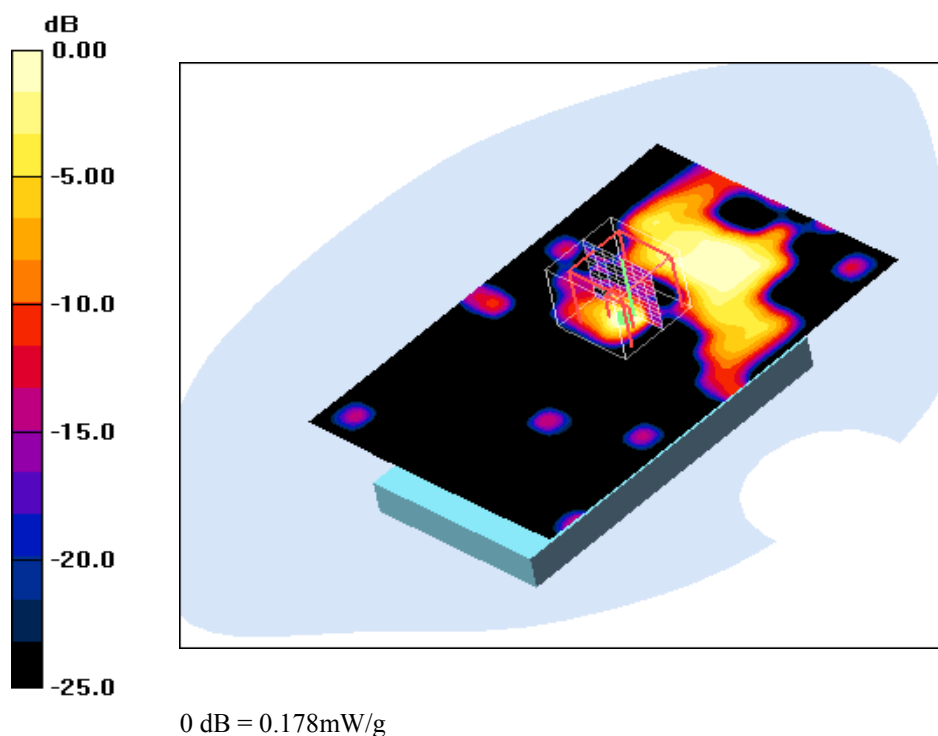
Rear position - Channel 36 with Holster/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.43 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.011 mW/g

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



Additional information:

position or distance of DUT to SAM: 0 mm

ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 213

Date/Time: 22.03.2013 23:54:52Date/Time: 22.03.2013 00:11:55

OET65-Body-WLAN5GHz with 2nd battery
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: M5 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.34 \text{ mho/m}$; $\epsilon_r = 48$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3566; ConvF(3.5, 3.5, 3.5); Calibrated: 23.08.2012

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn413; Calibrated: 11.01.2013

- Phantom: SAM 12; Type: SAM; Serial: 1043

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Channel 36 with 2nd battery/Area Scan (101x151x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.646 mW/g

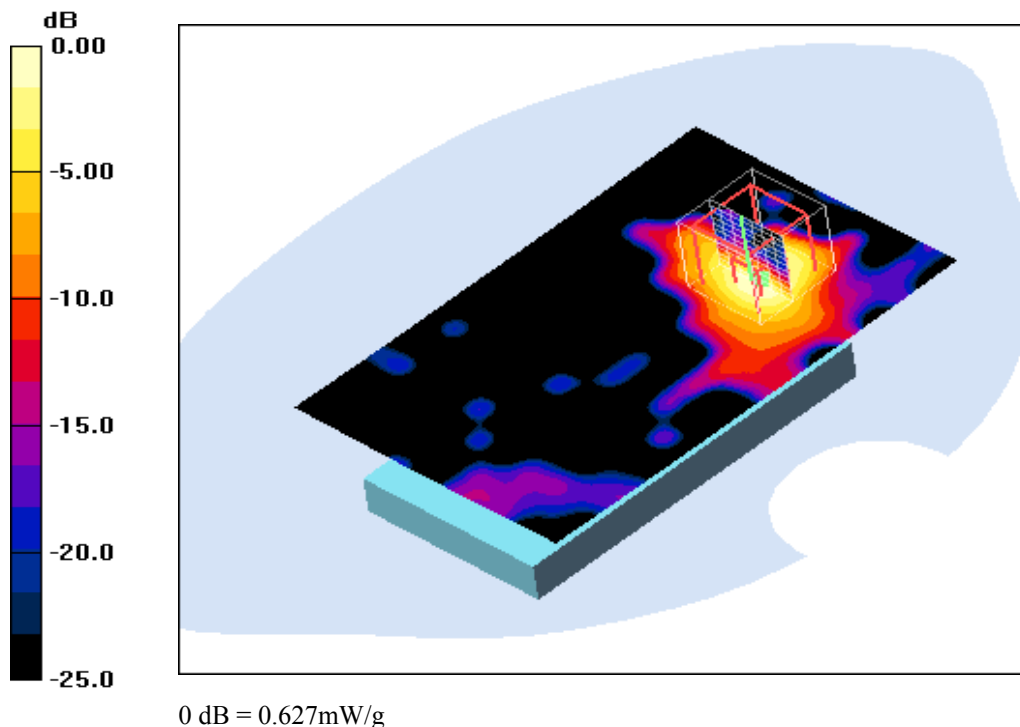
Rear position - Channel 36 with 2nd battery/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 11.1 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.627 mW/g



Additional information:

position or distance of DUT to SAM: 15 mm

ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 214

Date/Time: 3/6/2013 10:40:29 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 54.045$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.5C; Medium Temperature: 21.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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 3/Front 10mm_3 TS_836.6MHz/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.225 mW/g

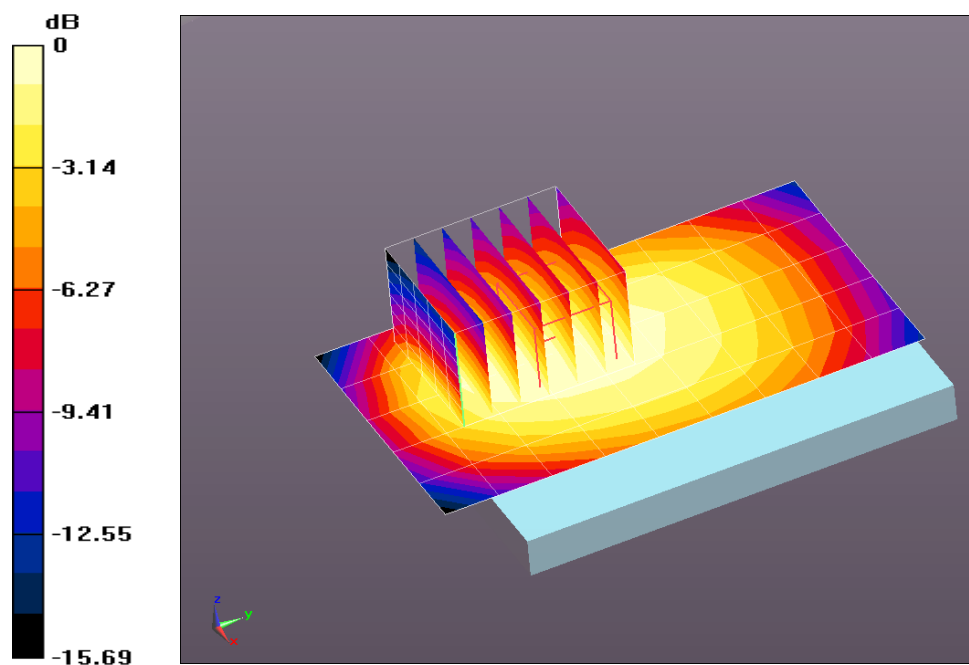
Flat-Section 3/Front 10mm_3 TS_836.6MHz/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.503 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.272 mW/g

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.228 mW/g



0 dB = 0.225 mW/g = -12.97 dB mW/g

Plot 215

Date/Time: 3/6/2013 12:30:19 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 54.045$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 21.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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 3/Back 10mm_3 TS_836.6MHz/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.290 mW/g

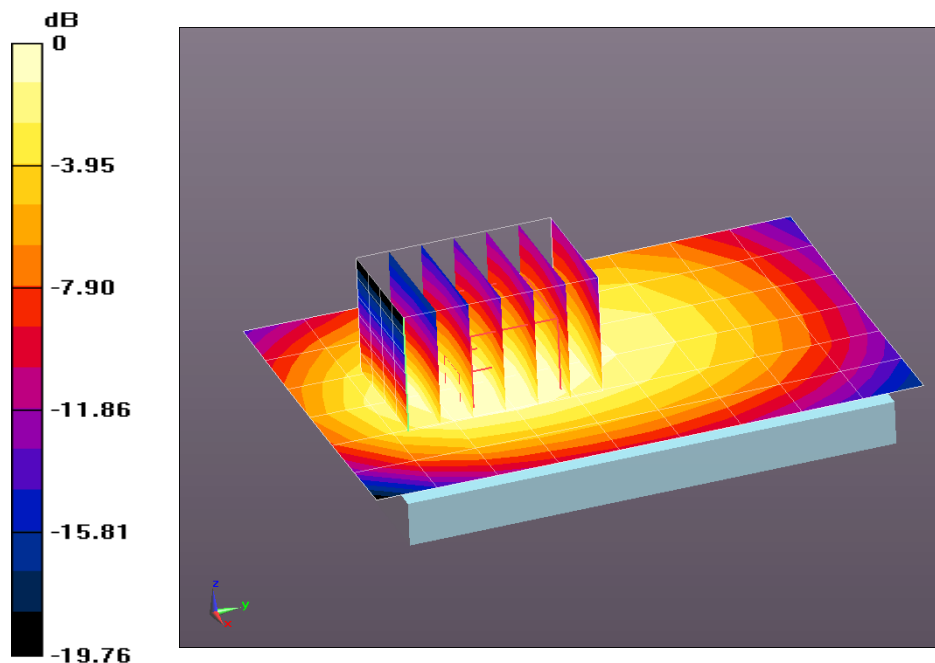
Flat-Section 3/Back 10mm_3 TS_836.6MHz/Zoom Scan (5x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.192 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.366 mW/g

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.294 mW/g



0 dB = 0.290 mW/g = -10.74 dB mW/g

Plot 216

Date/Time: 3/6/2013 12:08:09 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 54.045$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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 3/Bottom Edge 10mm_3 TS_836.6MHz/Area Scan (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.149 mW/g

Flat-Section 3/Bottom Edge 10mm_3 TS_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

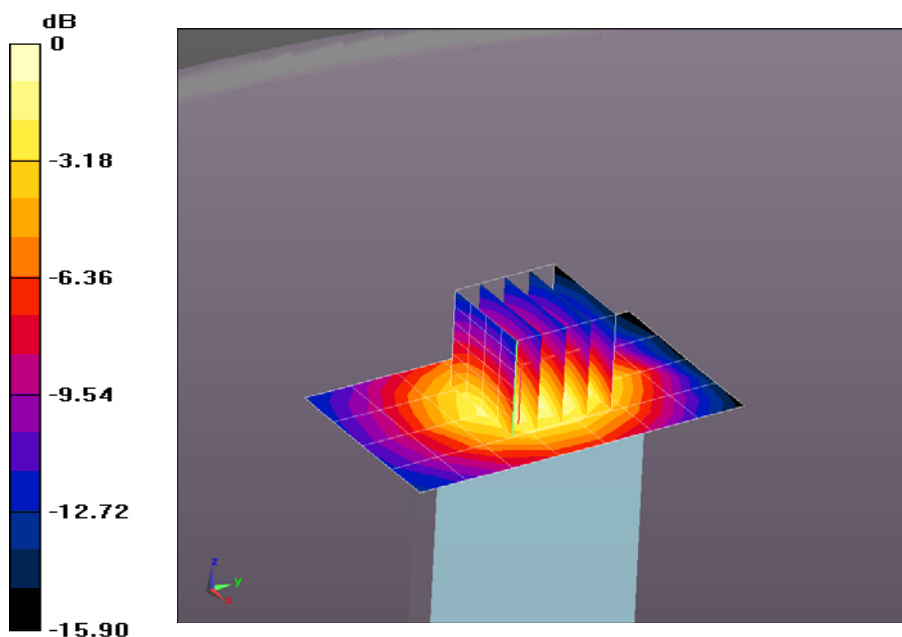
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.888 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.200 mW/g

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.148 mW/g



0 dB = 0.149 mW/g = -16.55 dB mW/g

Plot 217

Date/Time: 3/6/2013 11:37:12 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 54.045$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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 3/Left Edge 10mm_3 TS_836.6MHz/Area Scan (5x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.282 mW/g

Flat-Section 3/Left Edge 10mm_3 TS_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

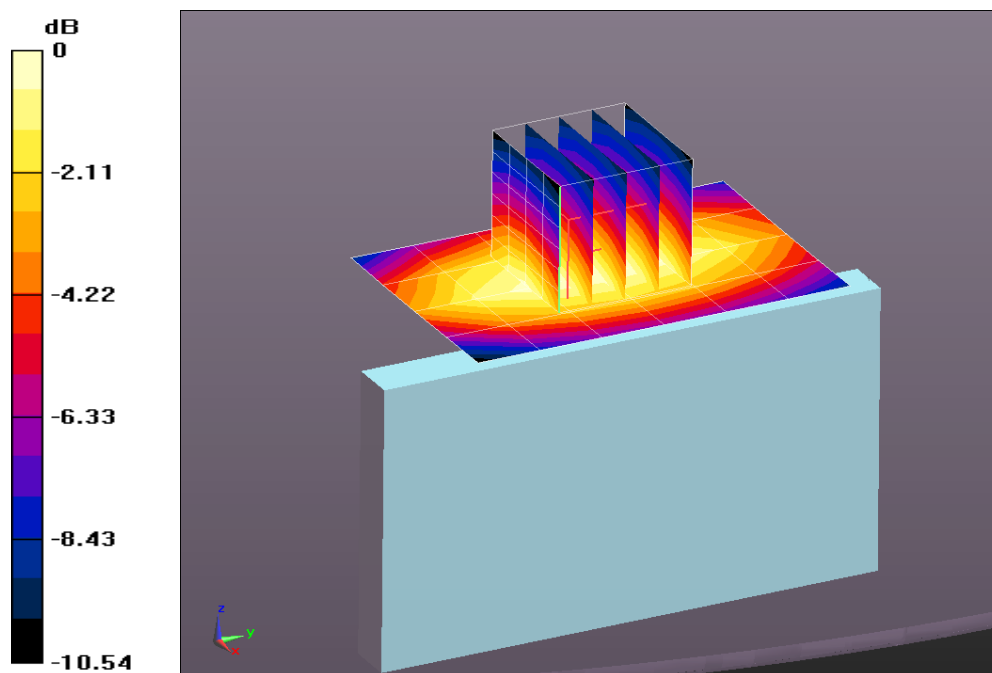
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.762 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.351 mW/g

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.282 mW/g = -10.98 dB mW/g

Plot 218

Date/Time: 3/6/2013 11:53:11 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 54.045$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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 3/Right Edge 10mm_3 TS_836.6MHz/Area Scan (5x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.106 mW/g

Flat-Section 3/Right Edge 10mm_3 TS_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

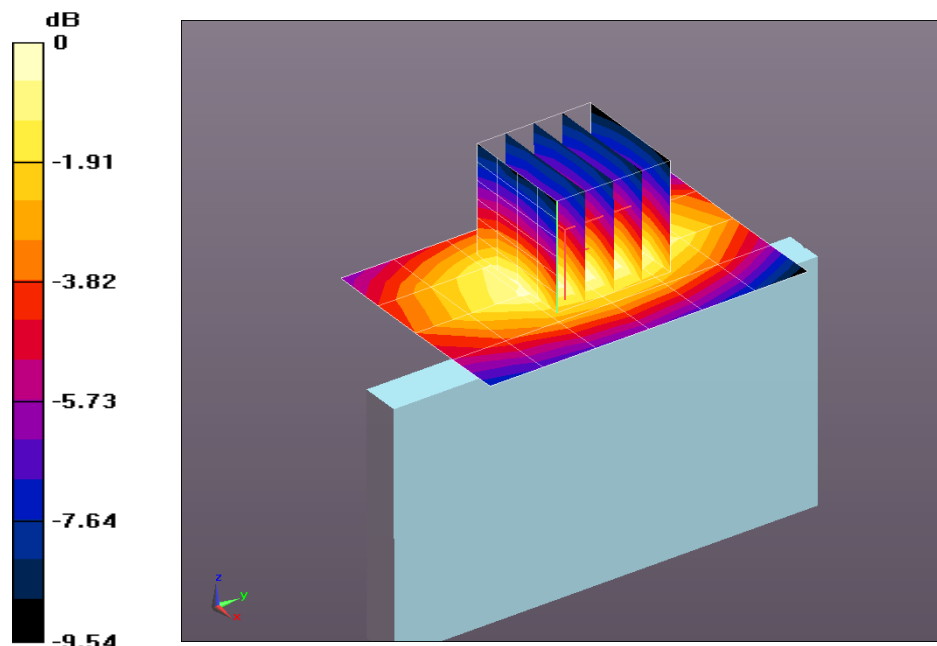
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.030 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.134 mW/g

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.110 mW/g



0 dB = 0.106 mW/g = -19.49 dB mW/g

Plot 219

Date/Time: 2/27/2013 11:41:52 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: GPRS 4 TS; Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 52.975$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 20.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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/Back 10mm_4 TS_836.6MHz/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.243 mW/g

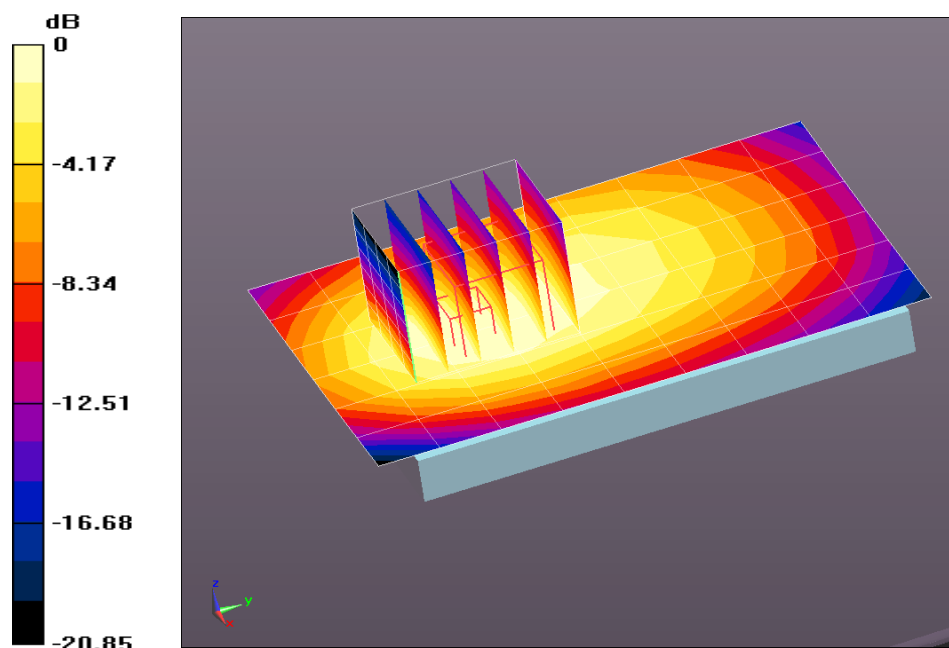
Flat-Section/Back 10mm_4 TS_836.6MHz/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.613 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.319 mW/g

SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.248 mW/g



0 dB = 0.243 mW/g = -12.31 dB mW/g

Plot 220

Date/Time: 3/6/2013 3:38:18 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: GPRS 2 Timeslots; Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 54.045$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 21.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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 3/Back 10mm_2 TS_836.6MHz/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

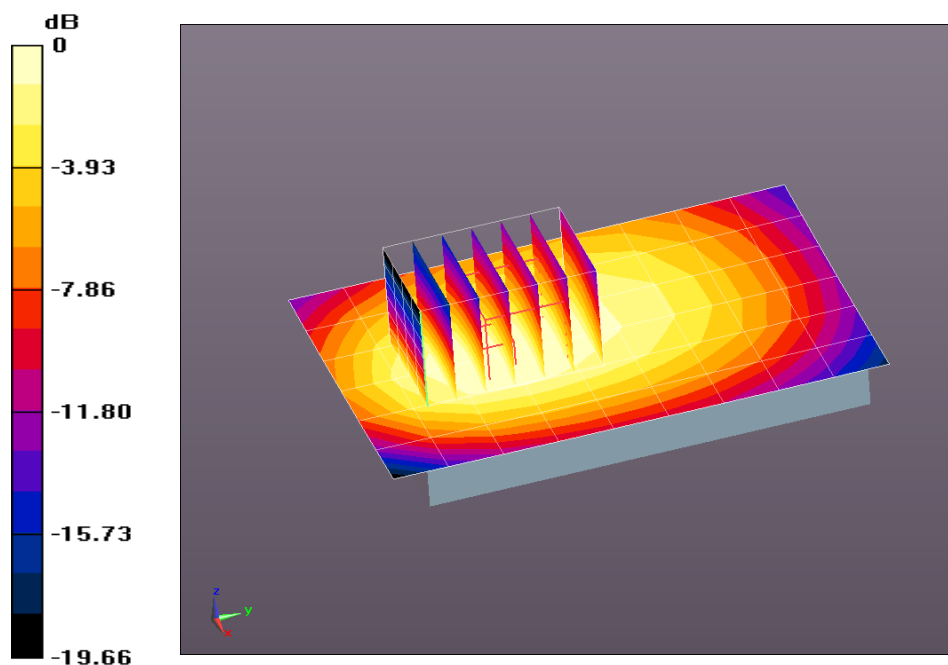
Flat-Section 3/Back 10mm_2 TS_836.6MHz/Zoom Scan (5x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.548 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.508 mW/g

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.408 mW/g



0 dB = 0.410 mW/g = -7.75 dB mW/g

Plot 221

Date/Time: 3/6/2013 4:34:49 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: GPRS 2 Timeslots; Frequency: 824.2 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.948$ mho/m; $\epsilon_r = 54.194$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; Medium Temperature: 21.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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 3/Back 10mm_2 TS_Low Ch./Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.428 mW/g

Flat-Section 3/Back 10mm_2 TS_Low Ch./Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

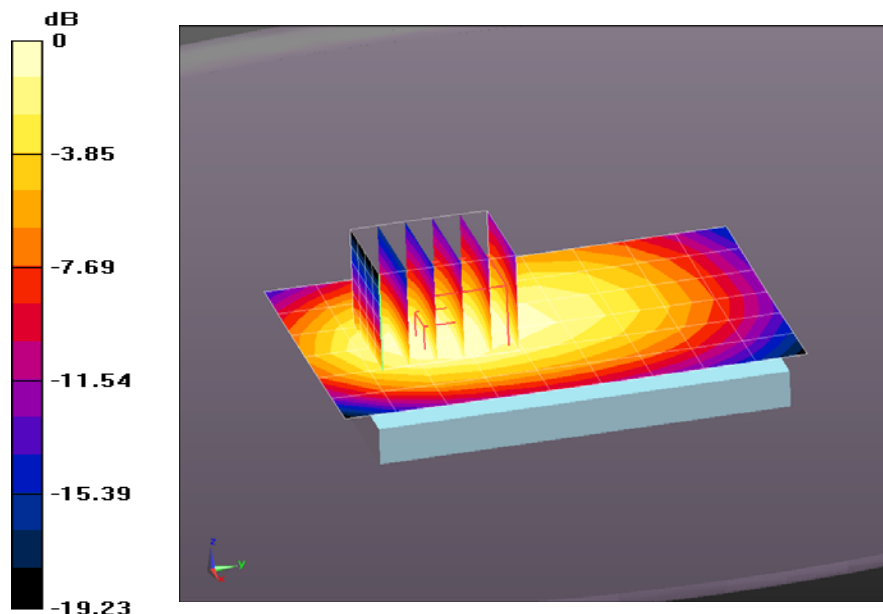
Reference Value = 21.120 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.545 mW/g

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.271 mW/g

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

Maximum value of SAR (measured) = 0.435 mW/g



0 dB = 0.428 mW/g = -7.38 dB mW/g

Plot 222

Date/Time: 3/6/2013 4:54:39 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: GPRS 2 Timeslots; Frequency: 848.8 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 53.965$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 21.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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 3/Back 10mm_2 TS_High Ch./Area Scan (7x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.424 mW/g

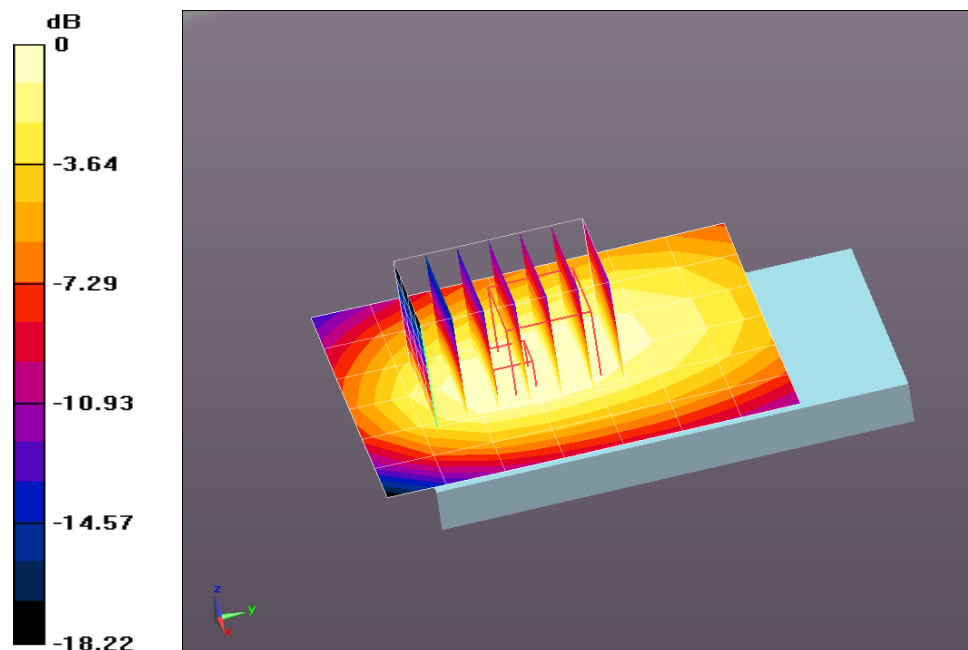
Flat-Section 3/Back 10mm_2 TS_High Ch./Zoom Scan (5x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.392 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.539 mW/g

SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.436 mW/g



0 dB = 0.424 mW/g = -7.44 dB mW/g

Plot 223

Date/Time: 3/6/2013 3:18:39 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

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

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 54.045$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 21.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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 3/Back 10mm_1 TS_836.6MHz/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.349 mW/g

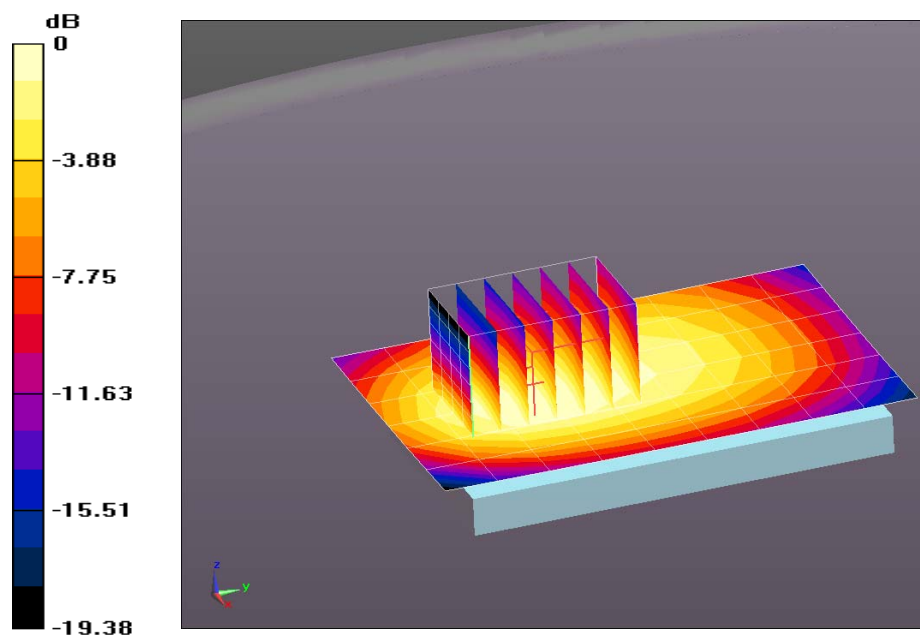
Flat-Section 3/Back 10mm_1 TS_836.6MHz/Zoom Scan (5x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.622 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.445 mW/g

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.359 mW/g



0 dB = 0.349 mW/g = -9.14 dB mW/g

Plot 224

Date/Time: 3/7/2013 4:23:41 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 52.807$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.5C; Medium Temperature: 20.5C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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 4/Back 10mm_Headset_3 TS_836.6MHz/Area Scan (7x10x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.248 mW/g

Flat-Section 4/Back 10mm_Headset_3 TS_836.6MHz/Zoom Scan (5x6x7)/Cube 0: Measurement grid:

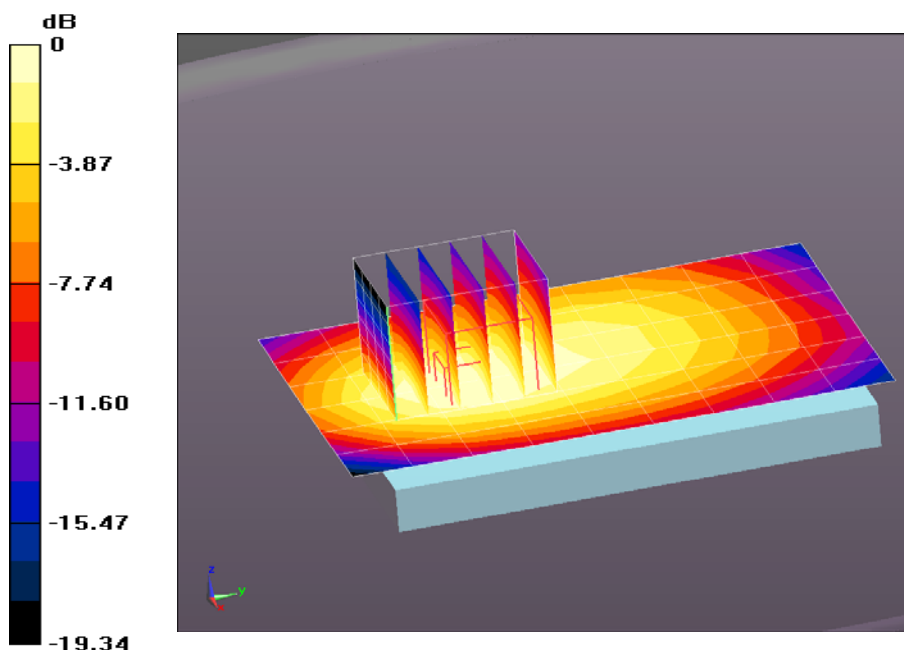
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.794 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.326 mW/g

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.258 mW/g



0 dB = 0.248 mW/g = -12.11 dB mW/g

Plot 225

Date/Time: 3/8/2013 8:43:52 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 52.807$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Kathy; Air Temperature: 20.3C; Medium Temperature: 20.5C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- 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 4/Back 10mm_2nd Battery_3 TS_836.6MHz/Area Scan (7x9x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.283 mW/g

Flat-Section 4/Back 10mm_2nd Battery_3 TS_836.6MHz/Zoom Scan (5x7x7)/Cube 0: Measurement

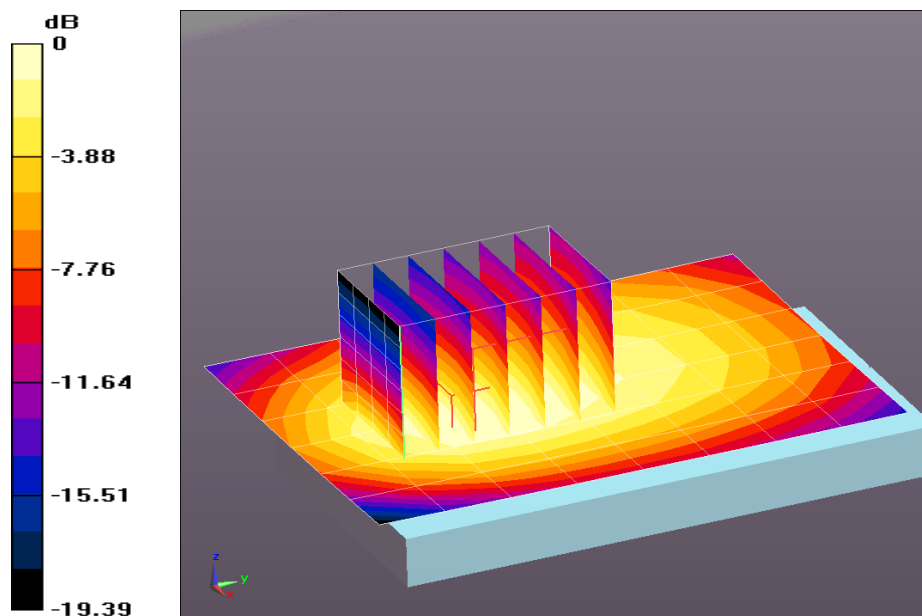
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.950 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.363 mW/g

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.288 mW/g



0 dB = 0.283 mW/g = -10.97 dB mW/g

Plot 226

Date/Time: 3/4/2013 1:02:53 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: GPRS 4 TS; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.564$ mho/m; $\epsilon_r = 51.341$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 24.9C; Medium Temperature: 22.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Hotspot 3-04-13/Front 10mm_4 TS_1880MHz/Area Scan (7x10x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

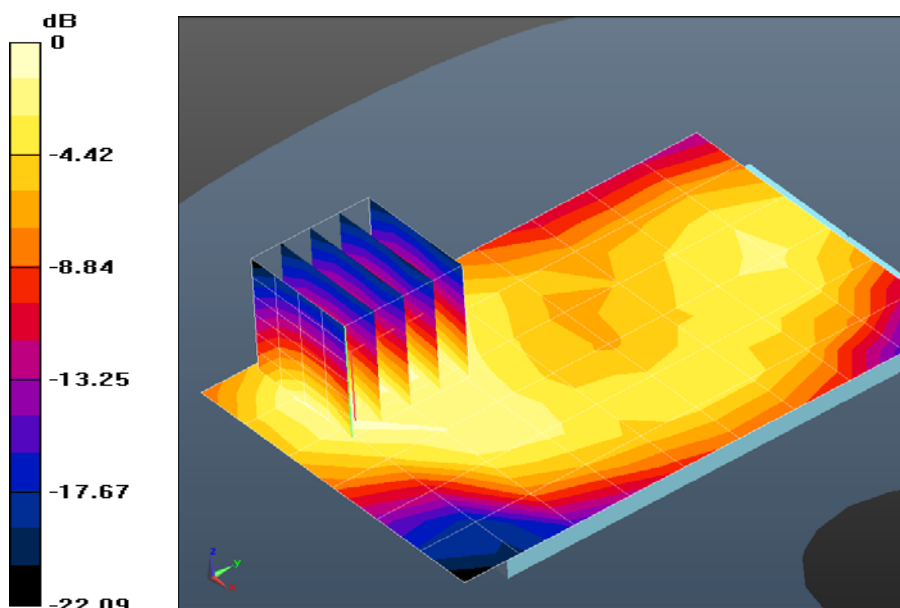
Maximum value of SAR (measured) = 0.630 mW/g

Flat section Hotspot 3-04-13/Front 10mm_4 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.612 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.864 mW/g

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.305 mW/g


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

Plot 227

Date/Time: 3/21/2013 9:29:21 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: GPRS 4 TS; Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 52.062$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 22C; Medium Temperature: 22.9C; 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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Repeat Hotspot (3-4-13) 3-21-13/Back 10mm_4 TS__1880MHz/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.742 mW/g

Repeat Hotspot (3-4-13) 3-21-13/Back 10mm_4 TS__1880MHz/Zoom Scan (5x5x7)/Cube 0:

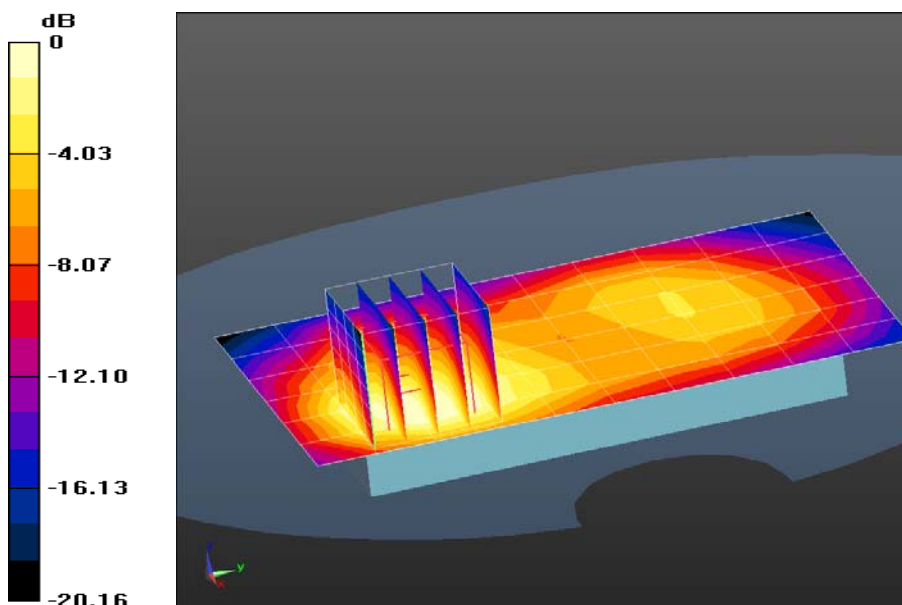
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.862 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.187 mW/g

SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 0.861 mW/g



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

Plot 228

Date/Time: 3/4/2013 2:38:35 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: GPRS 4 TS; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.564$ mho/m; $\epsilon_r = 51.341$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 24.2C; Medium Temperature: 22.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Hotspot 3-04-13/Bottom Edge 10mm_4 TS_1880MHz/Area Scan (5x8x1): Measurement

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

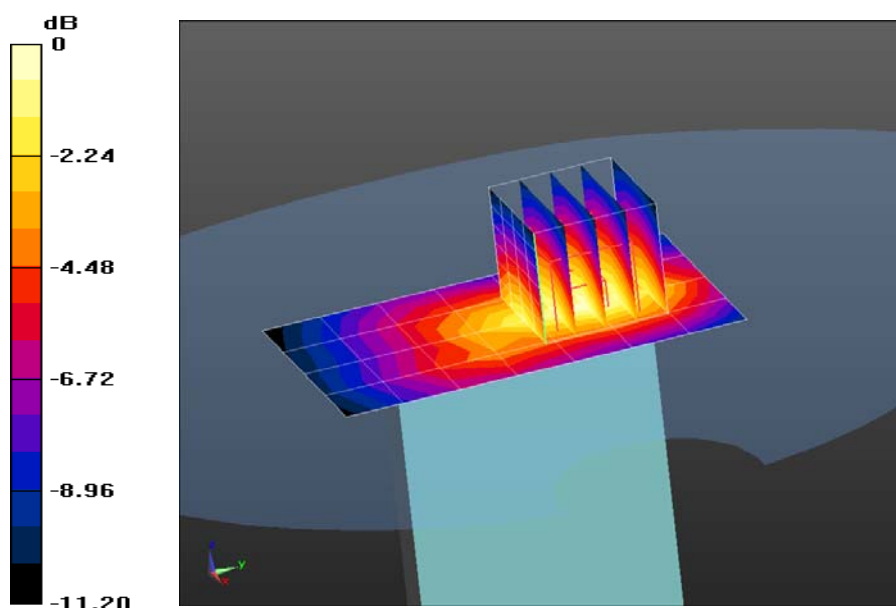
Maximum value of SAR (measured) = 0.481 mW/g

Flat section Hotspot 3-04-13/Bottom Edge 10mm_4 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.762 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.643 mW/g

SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.224 mW/g


0 dB = 0.481 mW/g = -6.36 dB mW/g

Plot 229

Date/Time: 3/4/2013 2:01:40 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: GPRS 4 TS; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.564$ mho/m; $\epsilon_r = 51.341$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 23.7C; Medium Temperature: 22.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Hotspot 3-04-13/Left Edge 10mm_4 TS_1880MHz 2/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Flat section Hotspot 3-04-13/Left Edge 10mm_4 TS_1880MHz 2/Zoom Scan (5x5x7)/Cube 0:Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.026 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.546 mW/g

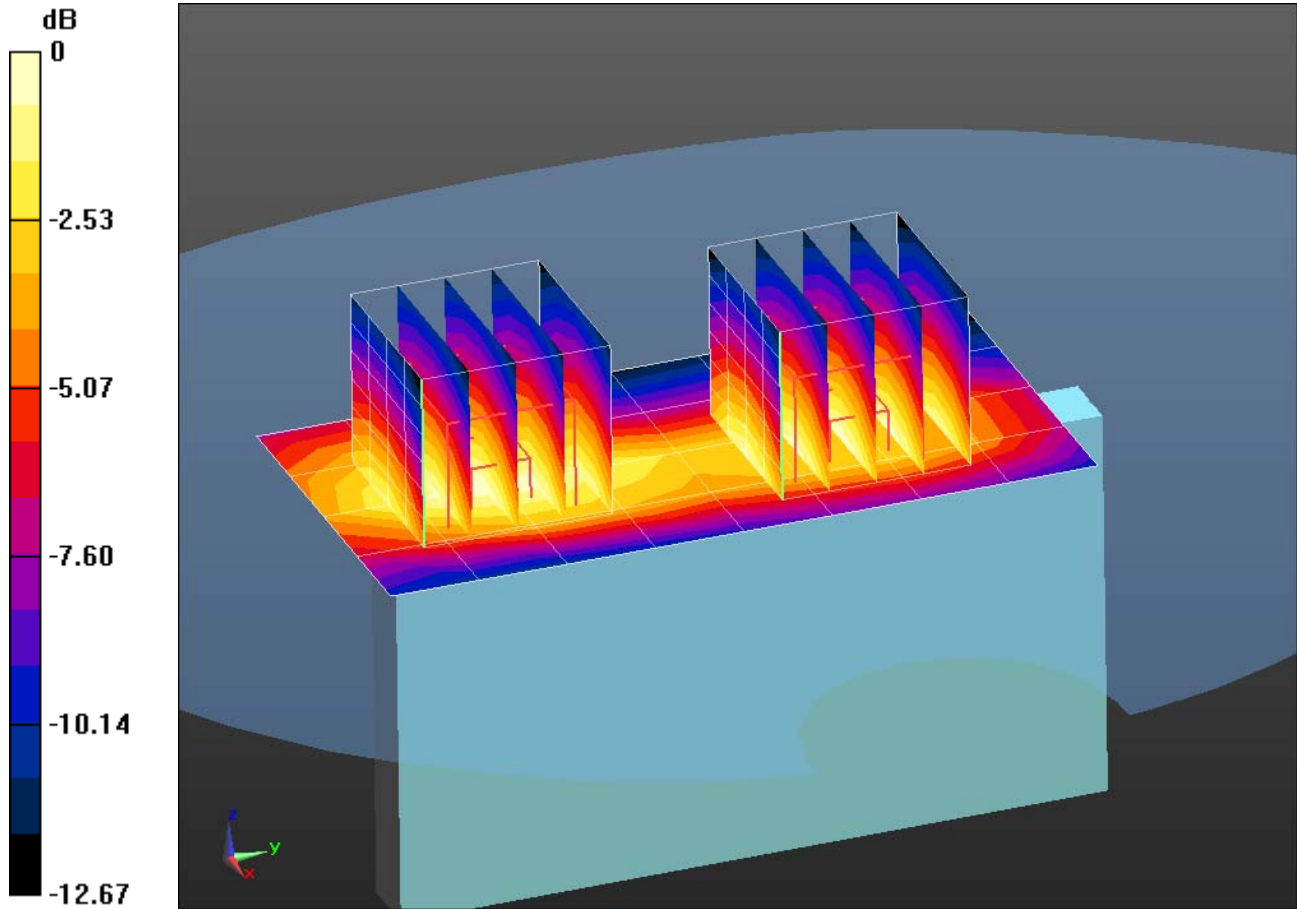
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.188 mW/g**Flat section Hotspot 3-04-13/Left Edge 10mm_4 TS_1880MHz 2/Zoom Scan (5x5x7)/Cube 1:**Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.026 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.345 mW/g

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.263 mW/g



0 dB = 0.400 mW/g = -7.95 dB mW/g

Plot 230

Date/Time: 3/4/2013 2:23:57 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: GPRS 4 TS; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.564$ mho/m; $\epsilon_r = 51.341$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: john; Air Temperature: 23.1C; Medium Temperature: 22.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Hotspot 3-04-13/Right Edge 10mm_4 TS_1880MHz/Area Scan (5x7x1): Measurement

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

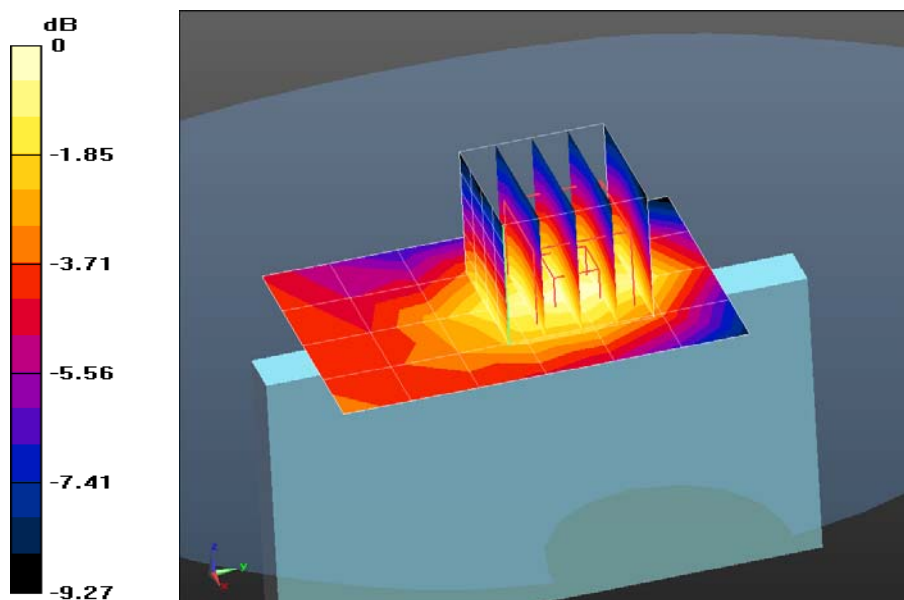
Maximum value of SAR (measured) = 0.113 mW/g

Flat section Hotspot 3-04-13/Right Edge 10mm_4 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.760 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.149 mW/g

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.060 mW/g


0 dB = 0.113 mW/g = -18.96 dB mW/g

Plot 231

Date/Time: 3/19/2013 2:53:20 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-6848

Communication System: GPRS-FDD (4 Timeslots); Frequency: 1850.2 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r = 52.419$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 25C; Medium Temperature: 22.6C; 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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Hotspot 3-19-13/Back 10mm_4 TS_1850.2/Area Scan (7x10x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.614 mW/g

Flat section Hotspot 3-19-13/Back 10mm_4 TS_1850.2/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

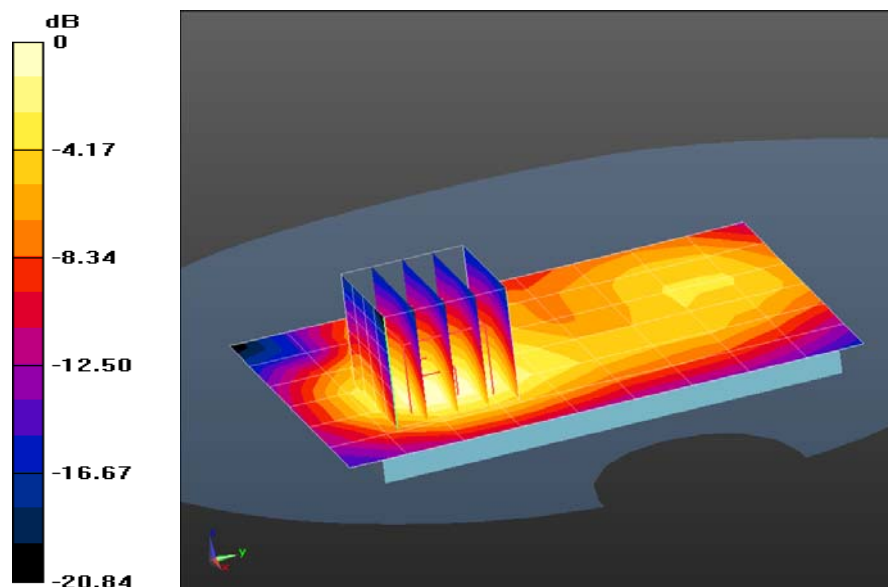
Reference Value = 18.278 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.923 mW/g

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.322 mW/g

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

Maximum value of SAR (measured) = 0.685 mW/g



0 dB = 0.614 mW/g = -4.24 dB mW/g

Plot 232

Date/Time: 3/19/2013 3:16:13 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-6848

Communication System: GPRS-FDD (4 Timeslots); Frequency: 1909.8 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.538$ mho/m; $\epsilon_r = 52.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 23.2C; Medium Temperature: 22.1C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Hotspot 3-19-13/Back 10mm_4 TS_1909.8/Area Scan (7x10x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.750 mW/g

Flat section Hotspot 3-19-13/Back 10mm_4 TS_1909.8/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

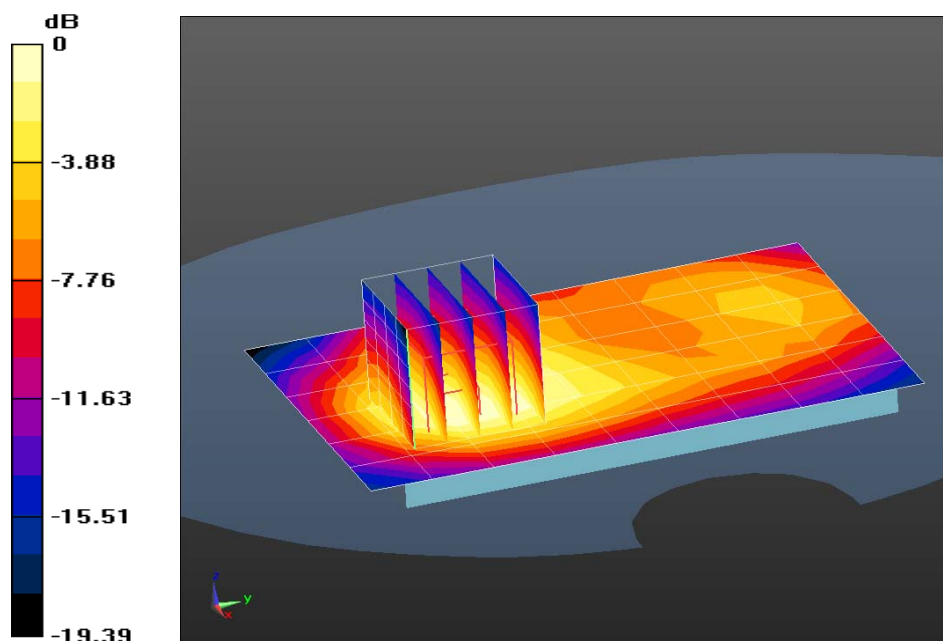
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.678 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.146 mW/g

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 0.845 mW/g



0 dB = 0.750 mW/g = -2.50 dB mW/g

Plot 233

Date/Time: 3/20/2013 10:09:20 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-6848

Communication System: GPRS-FDD (4 Timeslots); Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 21.9C; Medium Temperature: 22.1C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Hotspot 3-19-13/Back 10mm_4 TS_EGPRS 2/Area Scan (7x10x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.529 W/kg

Flat section Hotspot 3-19-13/Back 10mm_4 TS_EGPRS 2/Zoom Scan (5x5x7)/Cube 0: Measurement

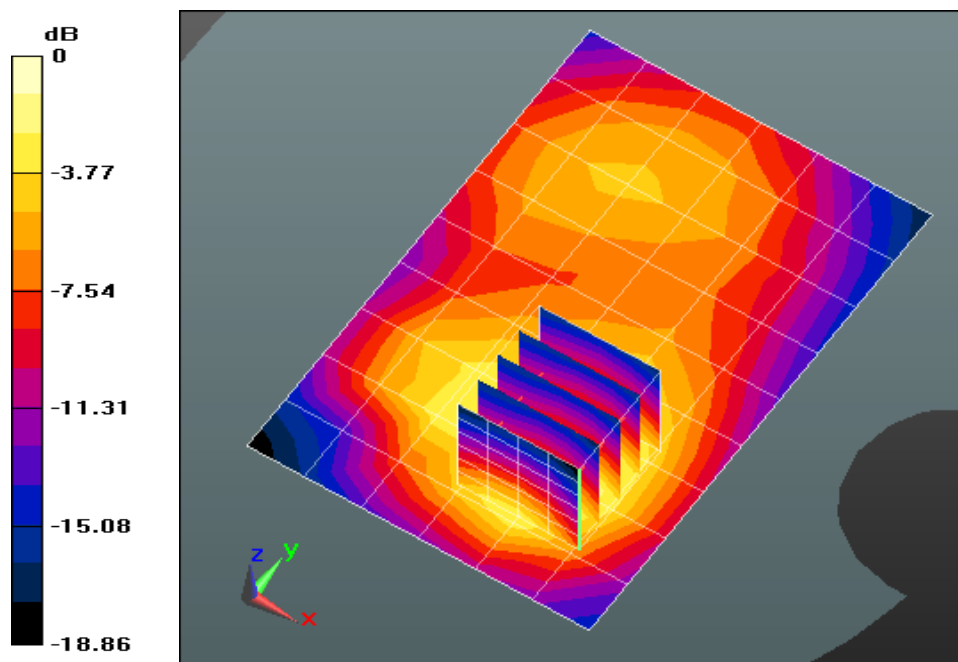
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.287 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.246 W/kg

Maximum value of SAR (measured) = 0.517 W/kg



0 dB = 0.529 W/kg = -2.76 dBW/kg

Plot 234

Date/Time: 3/21/2013 9:45:55 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: GPRS-FDD (3 Timeslots); Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 52.062$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 22.5C; Medium Temperature: 22.9C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Repeat Hotspot (3-4-13) 3-21-13/Back 10mm_3 TS_1880MHz/Area Scan (7x11x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.627 mW/g

Repeat Hotspot (3-4-13) 3-21-13/Back 10mm_3 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0:

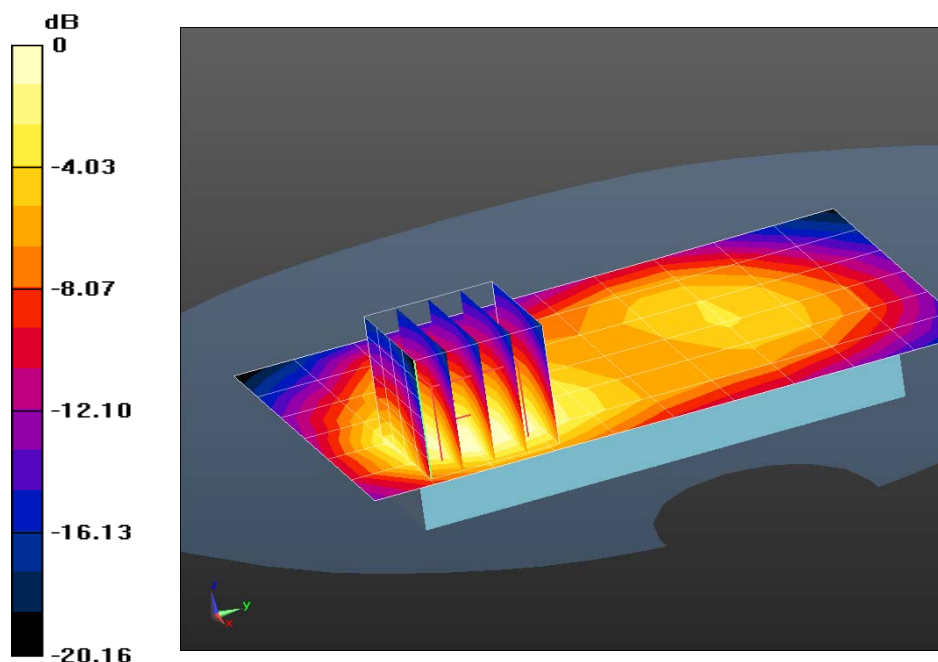
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.785 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.005 mW/g

SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.722 mW/g



0 dB = 0.627 mW/g = -4.05 dB mW/g

Plot 235

Date/Time: 3/21/2013 10:03:41 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

Communication System: GPRS-FDD (2 Timeslots); Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 52.062$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 22C; Medium Temperature: 22.9C; 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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Repeat Hotspot (3-4-13) 3-21-13/Back 10mm_2 TS_1880MHz/Area Scan (7x11x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.735 W/kg

Repeat Hotspot (3-4-13) 3-21-13/Back 10mm_2 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0:

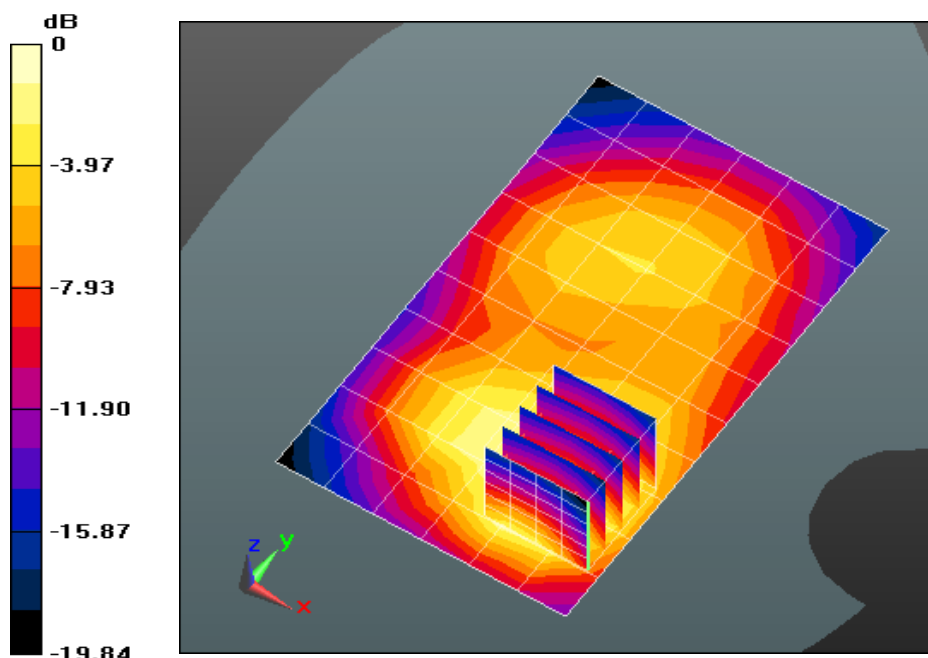
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.932 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (measured) = 0.847 W/kg



0 dB = 0.735 W/kg = -1.34 dBW/kg

Plot 236

Date/Time: 3/4/2013 3:33:07 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

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

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.564$ mho/m; $\epsilon_r = 51.341$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 24.4C; Medium Temperature: 22.6C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Hotspot 3-04-13/Back 10mm_1 TS_1880MHz/Area Scan (7x10x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.779 mW/g

Flat section Hotspot 3-04-13/Back 10mm_1 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

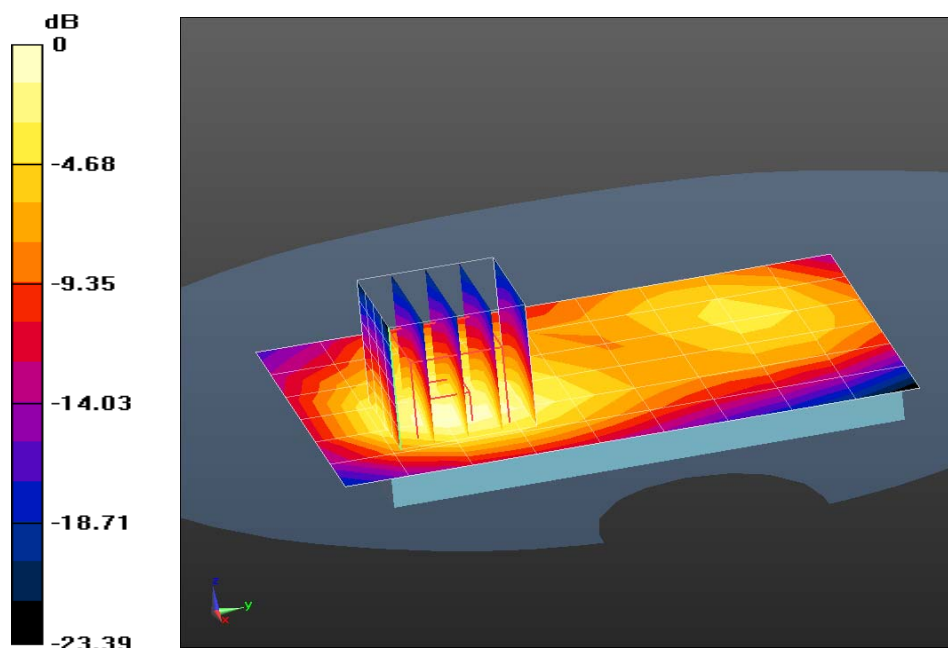
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.740 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.050 mW/g

SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.763 mW/g



0 dB = 0.779 mW/g = -2.17 dB mW/g

Plot 237

Date/Time: 3/19/2013 4:45:18 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-6848

Communication System: GPRS 4 TS; Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 22.7C; Medium Temperature: 22.1C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Hotspot 3-19-13/Back 10mm_4 TS__1880MHz with Headset/Area Scan (7x10x1):

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

Maximum value of SAR (measured) = 0.758 mW/g

Flat section Hotspot 3-19-13/Back 10mm_4 TS__1880MHz with Headset/Zoom Scan (5x5x7)/Cube 0:

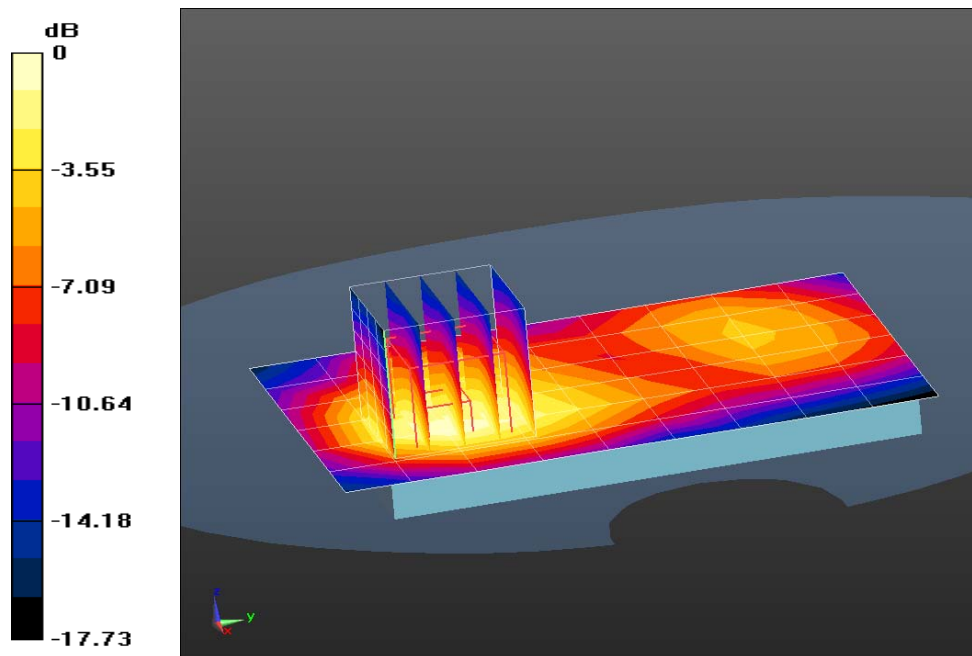
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.631 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.024 mW/g

SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 0.748 mW/g



0 dB = 0.758 mW/g = -2.40 dB mW/g

Plot 238

Date/Time: 3/20/2013 10:47:44 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-6848

Communication System: GPRS-FDD (4 Timeslots); Frequency: 1909.8 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.538$ mho/m; $\epsilon_r = 52.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: John; Air Temperature: 22C; Medium Temperature: 22.1C; 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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section Hotspot 3-19-13/Back 10mm_4 TS_1909.8MHz_ 2nd battery/Area Scan (7x10x1):

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

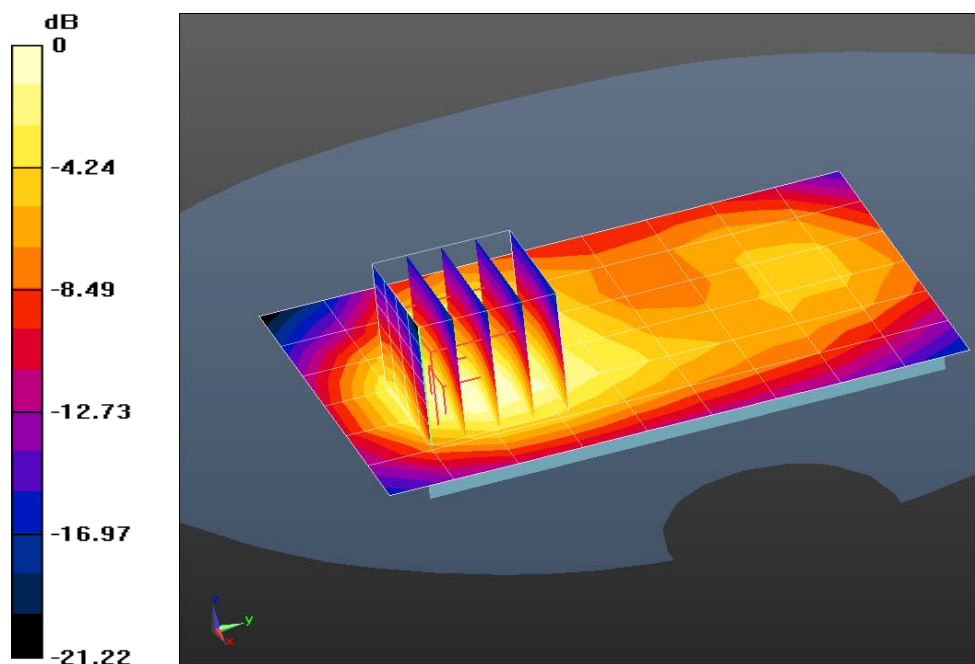
Maximum value of SAR (measured) = 0.832 mW/g

Flat section Hotspot 3-19-13/Back 10mm_4 TS_1909.8MHz_ 2nd battery/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.236 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.143 mW/g

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.411 mW/g


0 dB = 0.832 mW/g = -1.60 dB mW/g

Plot 239

Date/Time: 3/13/2013 3:16:39 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 836.52 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ mho/m; $\epsilon_r = 52.974$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature:25.2 ; Medium Temperature:22.7 ; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat-Section Hotspot 03-13&14-13/Front 10mm_836.6MHz/Area Scan (7x11x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.737 mW/g

Flat-Section Hotspot 03-13&14-13/Front 10mm_836.6MHz/Zoom Scan (6x6x7)/Cube 0: Measurement

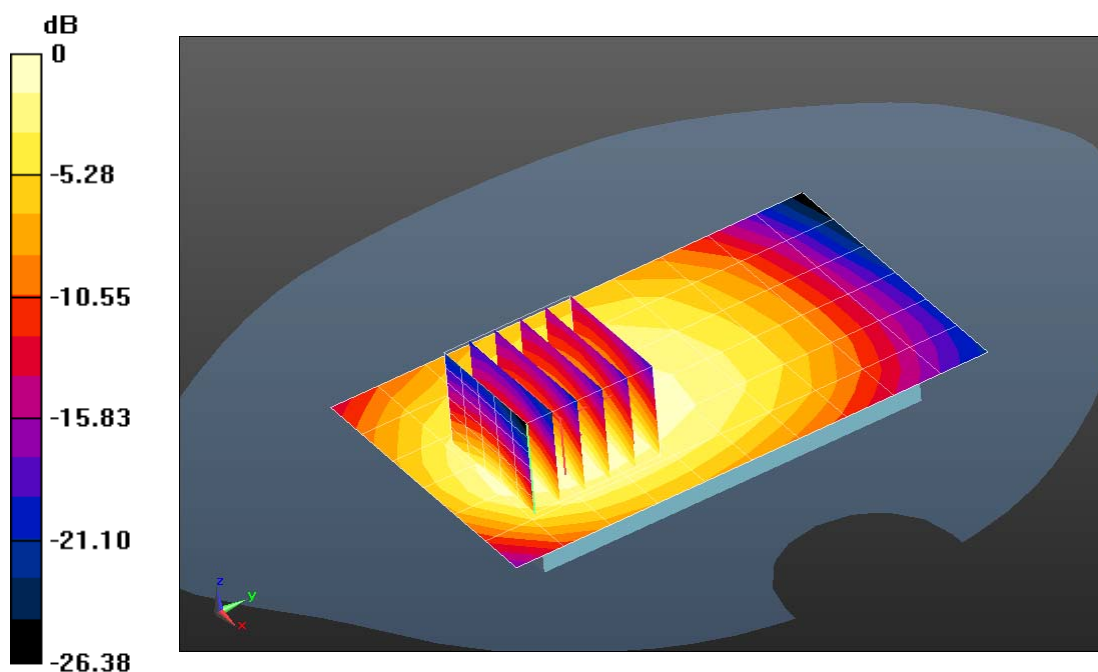
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.461 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.907 mW/g

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 0.752 mW/g



0 dB = 0.737 mW/g = -2.65 dB mW/g

Plot 240

Date/Time: 3/13/2013 3:38:00 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 836.52 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ mho/m; $\epsilon_r = 52.974$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 23.5C ; Medium Temperature: 22.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat-Section Hotspot 03-13&14-13/Back 10mm_836.6MHz/Area Scan (7x11x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.894 mW/g

Flat-Section Hotspot 03-13&14-13/Back 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

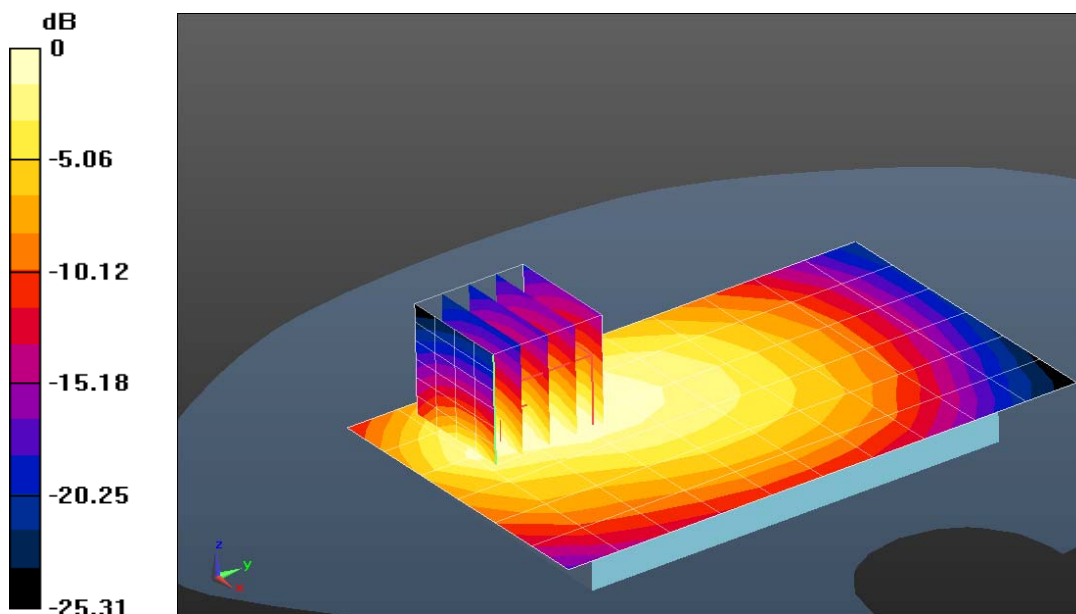
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.302 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.446 mW/g

SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.553 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 0.894 mW/g = -0.97 dB mW/g

Plot 241

Date/Time: 3/13/2013 4:04:02 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 836.52 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ mho/m; $\epsilon_r = 52.974$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 23.7C; Medium Temperature: 22.7C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat-Section Hotspot 03-13&14-13/Bottom Edge 10mm_836.6MHz/Area Scan (6x9x1): Measurement

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

Maximum value of SAR (measured) = 0.345 mW/g

Flat-Section Hotspot 03-13&14-13/Bottom Edge 10mm_836.6MHz/Zoom Scan (5x6x7)/Cube 0:

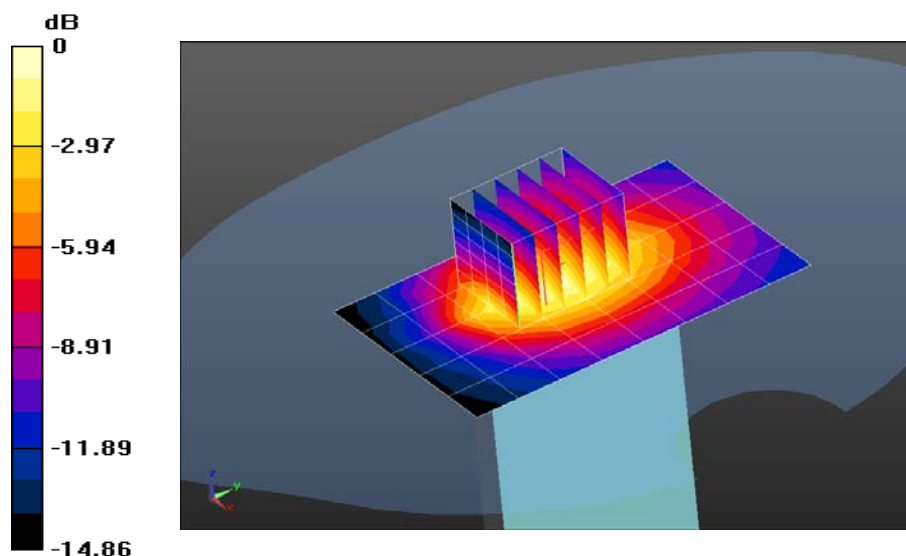
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.999 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.467 mW/g

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.357 mW/g



0 dB = 0.345 mW/g = -9.24 dB mW/g

Plot 242

Date/Time: 3/13/2013 4:20:24 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 836.52 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ mho/m; $\epsilon_r = 52.974$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 24C; Medium Temperature: 22.7C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat-Section Hotspot 03-13&14-13/Left Edge 10mm_836.6MHz/Area Scan (5x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.354 mW/g

Flat-Section Hotspot 03-13&14-13/Left Edge 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0:

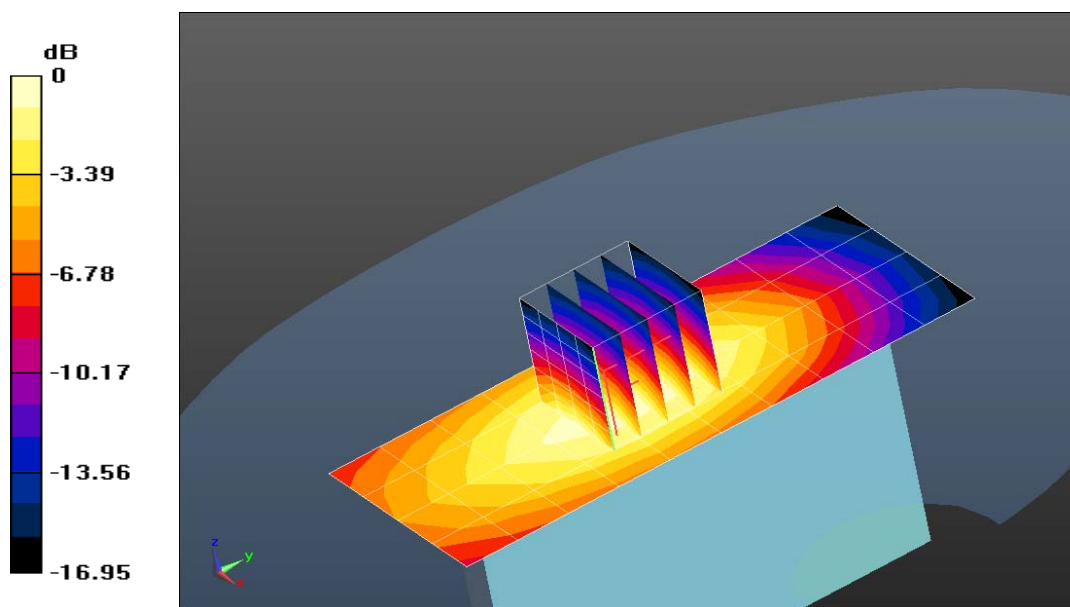
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.304 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.444 mW/g

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.355 mW/g



0 dB = 0.354 mW/g = -9.01 dB mW/g

Plot 243

Date/Time: 3/13/2013 4:35:03 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 836.52 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ mho/m; $\epsilon_r = 52.974$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: john; Air Temperature: 23.7C; Medium Temperature: 22.7C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat-Section Hotspot 03-13&14-13/Right Edge 10mm_836.6MHz/Area Scan (5x11x1): Measurement

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

Maximum value of SAR (measured) = 0.888 mW/g

Flat-Section Hotspot 03-13&14-13/Right Edge 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0:

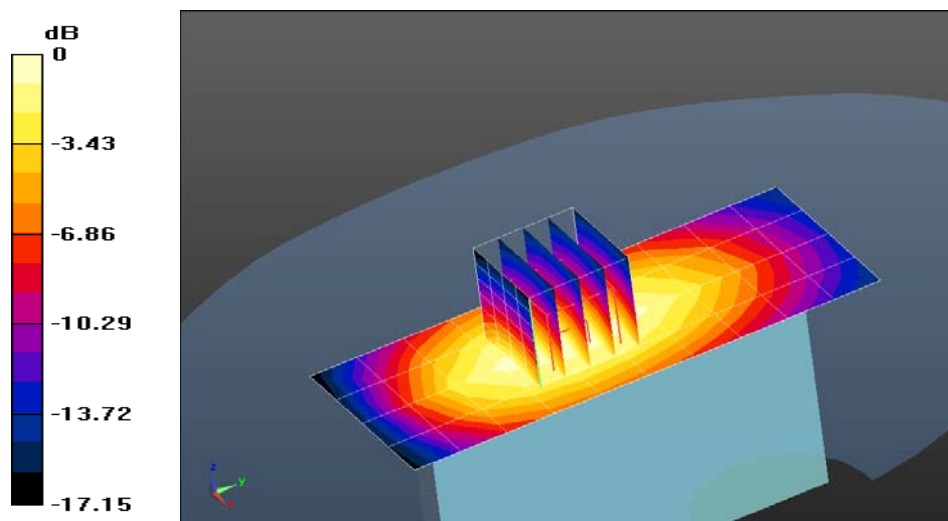
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.278 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.185 mW/g

SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.520 mW/g

Maximum value of SAR (measured) = 0.929 mW/g



0 dB = 0.888 mW/g = -1.03 dB mW/g

Plot 244

Date/Time: 3/14/2013 10:06:54 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 824.7 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 825$ MHz; $\sigma = 1.004$ mho/m; $\epsilon_r = 53.087$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 22.7C ; Medium Temperature: 22.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat-Section Hotspot 03-13&14-13/Back 10mm_824.7MHz/Area Scan (7x11x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.02 mW/g

Flat-Section Hotspot 03-13&14-13/Back 10mm_824.7MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

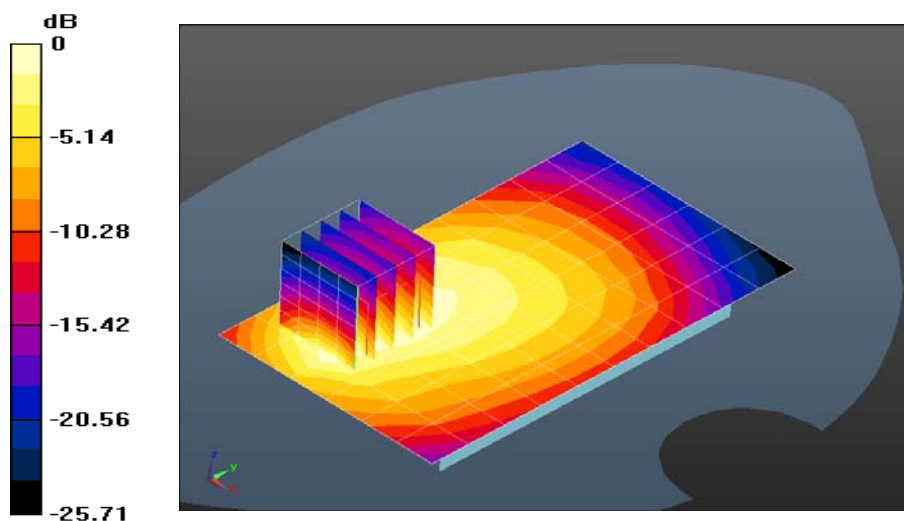
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.750 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.523 mW/g

SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.602 mW/g

Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.02 mW/g = 0.20 dB mW/g

Plot 245

Date/Time: 3/14/2013 10:23:43 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 848.31 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.028$ mho/m; $\epsilon_r = 52.858$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 23.4C ; Medium Temperature: 22.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat-Section Hotspot 03-13&14-13/Back 10mm_848.31MHz/Area Scan (7x11x1): Measurement grid:

 $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 1.02 mW/g

Flat-Section Hotspot 03-13&14-13/Back 10mm_848.31MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

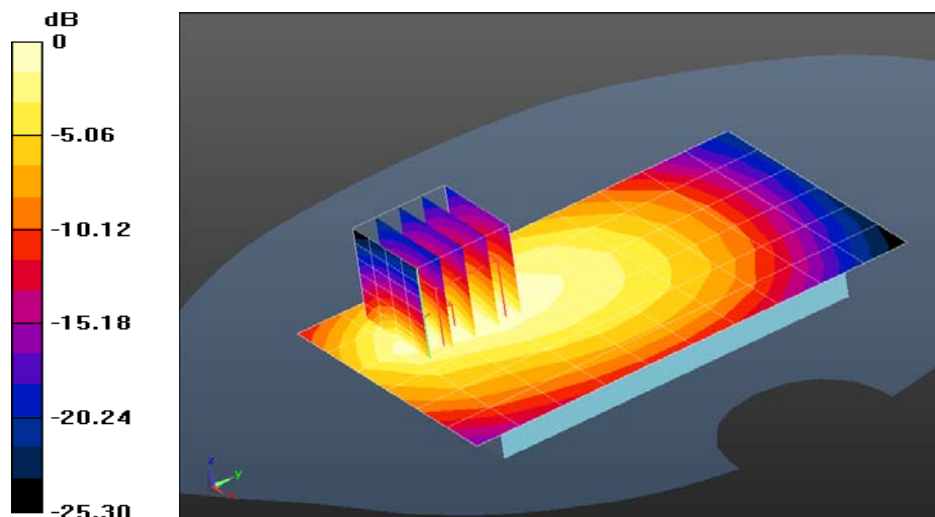
Reference Value = 23.982 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.534 mW/g

SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.612 mW/g

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

Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.02 mW/g = 0.20 dB mW/g

Plot 246

Date/Time: 3/14/2013 10:43:04 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 848.31 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.028$ mho/m; $\epsilon_r = 52.858$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 23.7C ; Medium Temperature: 22.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat-Section Hotspot 03-13&14-13/Back 10mm_848.31MHz_with headset/Area Scan (7x11x1):

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

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

Maximum value of SAR (measured) = 0.971 mW/g

Flat-Section Hotspot 03-13&14-13/Back 10mm_848.31MHz_with headset/Zoom Scan (5x5x7)/Cube

0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

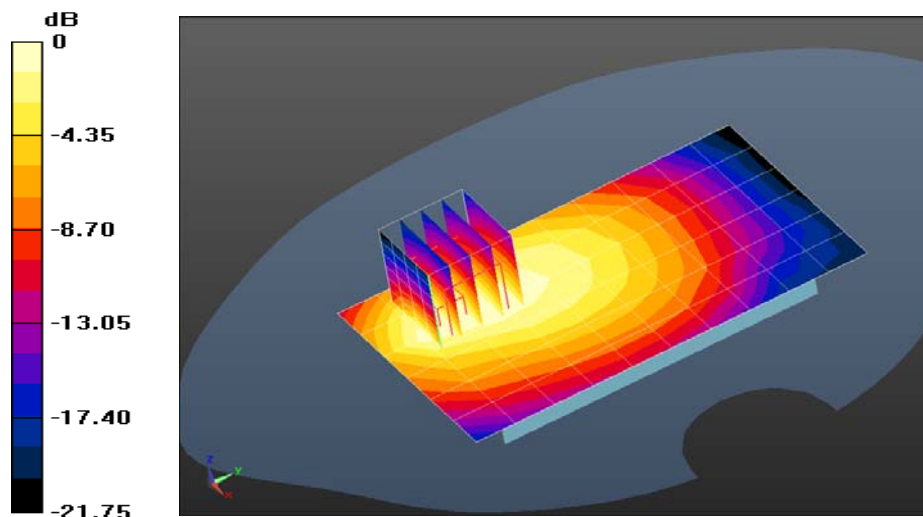
Reference Value = 21.952 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.582 mW/g

SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.600 mW/g

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

Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 0.971 mW/g = -0.26 dB mW/g

Plot 247

Date/Time: 3/15/2013 4:17:36 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 848.31 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.027$ mho/m; $\epsilon_r = 53.958$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 22.7C ; Medium Temperature: 23.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); Calibrated: 9/25/2012;
- 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:1640
- DASY52 52.8.1(838);

Flat section Hotspot 3-15-13/Back 10mm_848.31MHz_ with headset & 2nd battery/Area Scan

(7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.939 mW/g

Flat section Hotspot 3-15-13/Back 10mm_848.31MHz_ with headset & 2nd battery/Zoom Scan

(5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

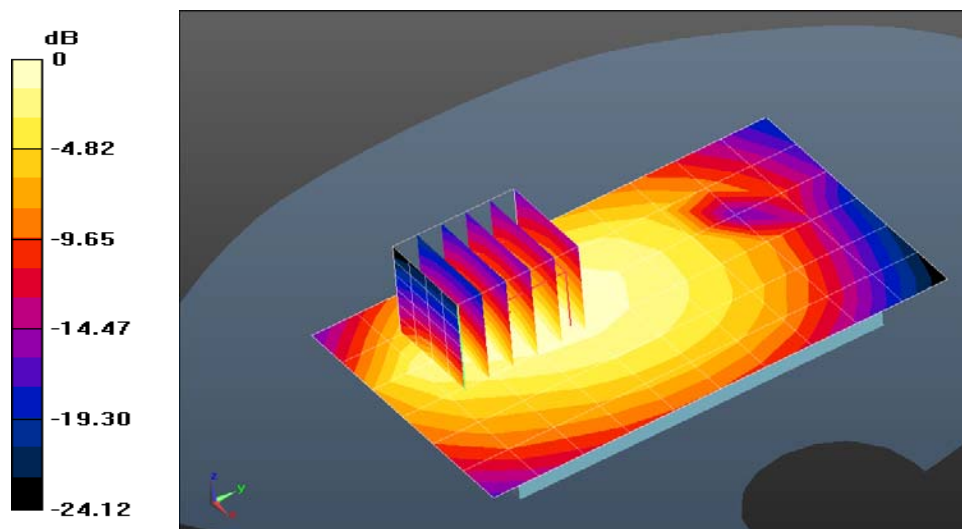
Reference Value = 26.439 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 1.359 mW/g

SAR(1 g) = 0.878 mW/g; SAR(10 g) = 0.585 mW/g

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

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 0.939 mW/g = -0.55 dB mW/g

Plot 248

Date/Time: 3/7/2013 9:46:53 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

Communication System: CDMA RC3; Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.554$ mho/m; $\epsilon_r = 51.343$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John ; Air Temperature: 25.4C; Medium Temperature: 22.5C;

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 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat-Section 3-6-13 PM/Front 10mm_1880MHz 3/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.942 W/kg

Flat-Section 3-6-13 PM/Front 10mm_1880MHz 3/Zoom Scan (6x5x7)/Cube 0: Measurement grid:

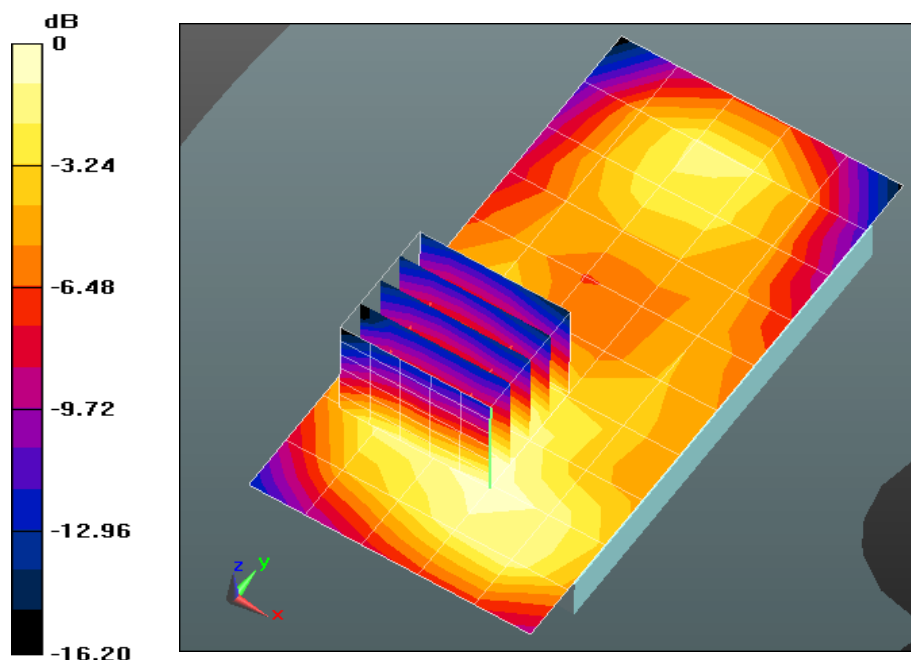
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.376 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.508 W/kg

Maximum value of SAR (measured) = 0.977 W/kg



0 dB = 0.942 W/kg = -0.26 dBW/kg