

Plot 173

Date/Time: 2/23/2014 10:37:58 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600930

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 52.705$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.5C; Medium Temperature: 20.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Front 10mm/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.391 mW/g

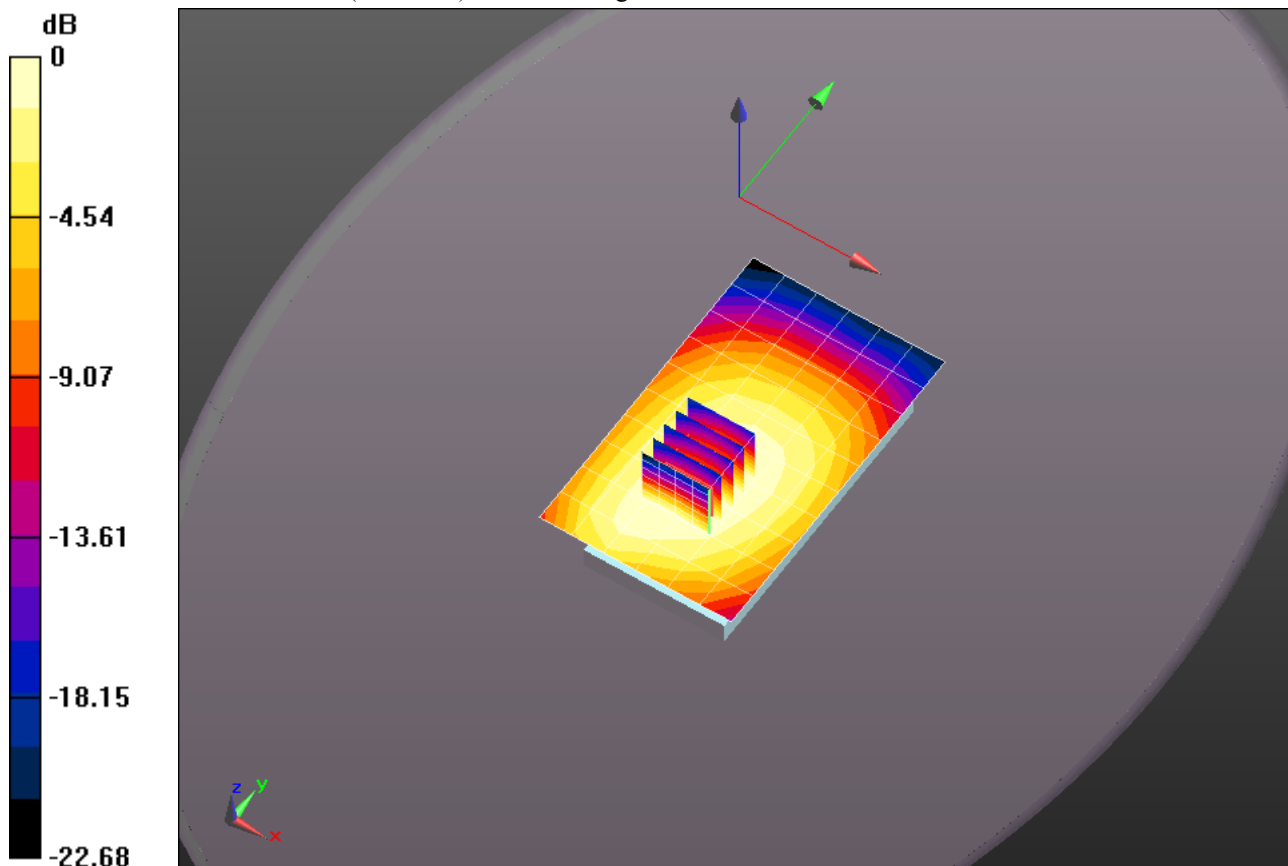
Ceramic_Flat/Front 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.834 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.448 mW/g

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.278 mW/g

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



0 dB = 0.391 mW/g = -8.15 dB mW/g

Plot 174

Date/Time: 2/23/2014 10:56:08 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600930

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 52.705$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.5C; Medium Temperature: 20.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Ceramic_Flat/Back 10mm/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.482 mW/g

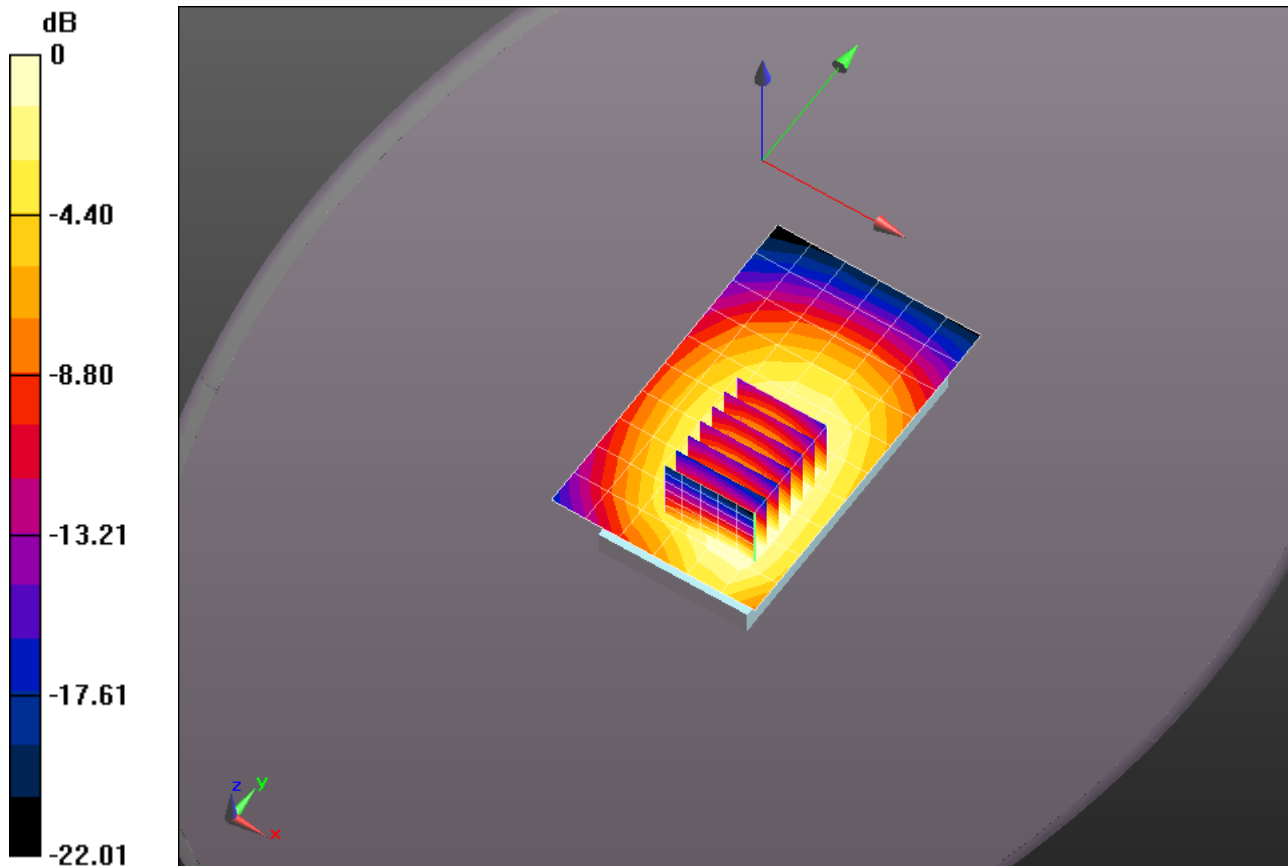
Ceramic_Flat/Back 10mm/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.361 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.586 mW/g

SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.480 mW/g



0 dB = 0.482 mW/g = -6.35 dB mW/g

Plot 175

Date/Time: 2/23/2014 11:19:45 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600930

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 52.705$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.4C; Medium Temperature: 20.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Ceramic_Flat/Bottom Edge 10mm/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0368 mW/g

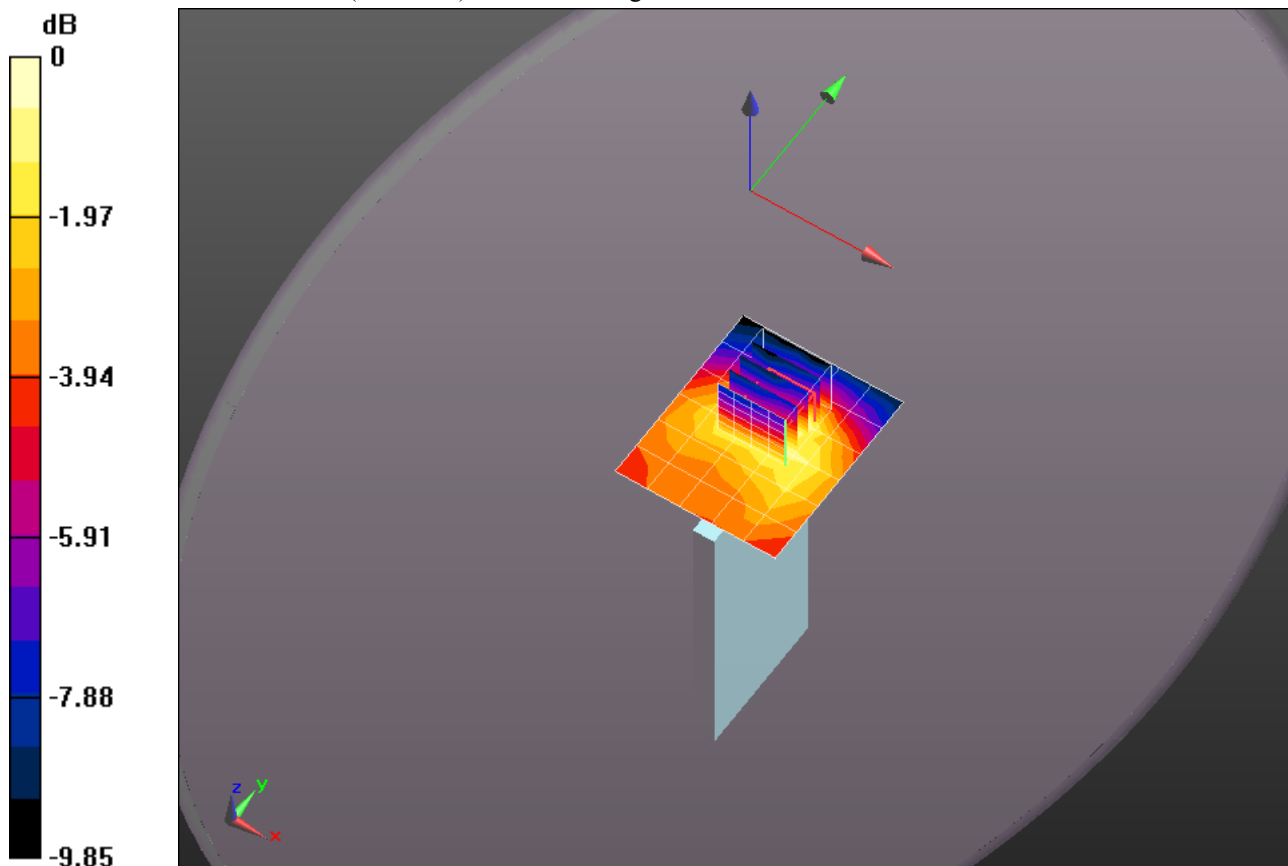
Ceramic_Flat/Bottom Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.163 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.076 mW/g

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.0471 mW/g



0 dB = 0.0368 mW/g = -28.69 dB mW/g

Plot 176

Date/Time: 2/23/2014 11:35:33 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600930

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 52.705$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21C; Medium Temperature: 20.2C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Left Edge 10mm/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.315 mW/g

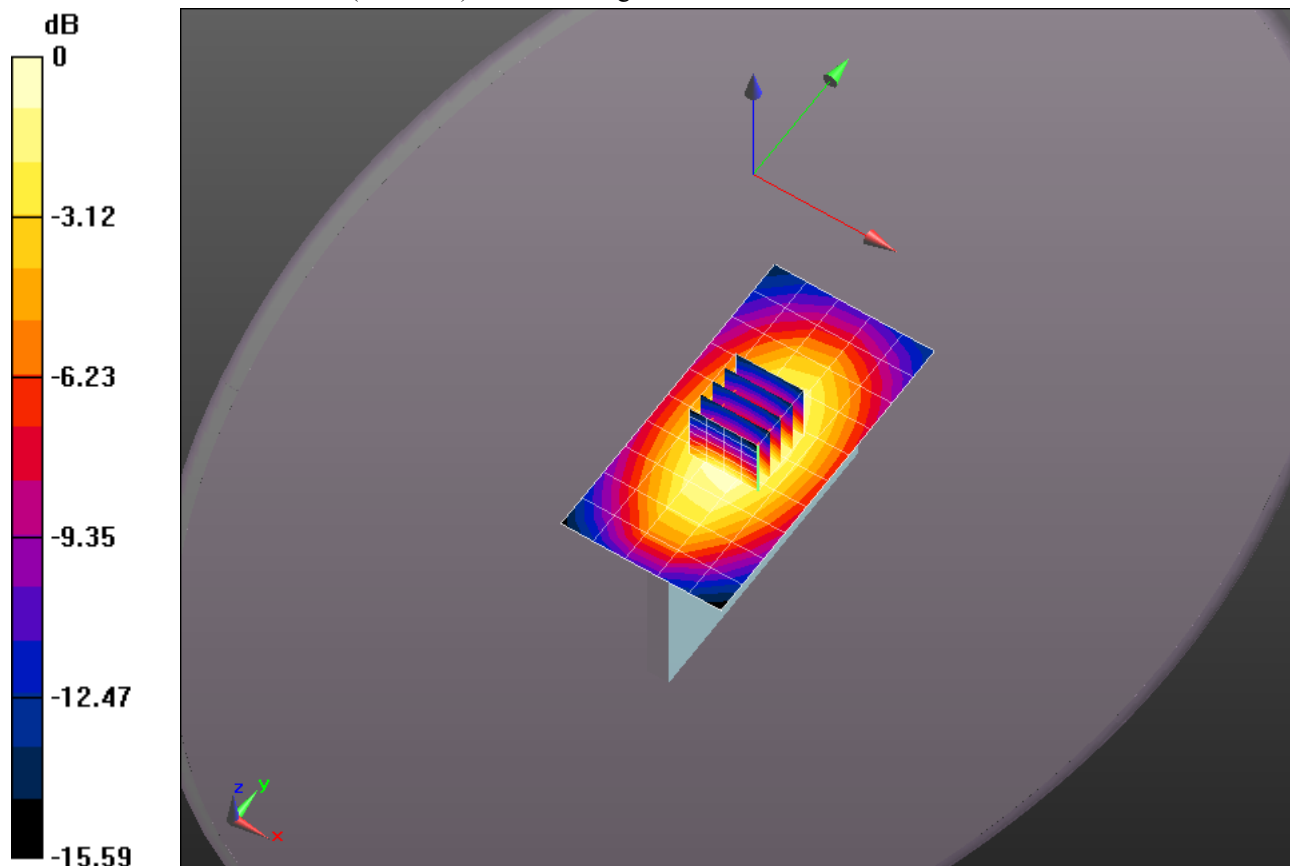
Ceramic_Flat/Left Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.079 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.407 mW/g

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.336 mW/g



0 dB = 0.315 mW/g = -10.03 dB mW/g

Plot 177

Date/Time: 2/23/2014 11:52:08 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600930

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 52.705$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.1C; Medium Temperature: 20.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS52 52.8.1(838);

Ceramic_Flat/Right Edge 10mm/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.219 mW/g

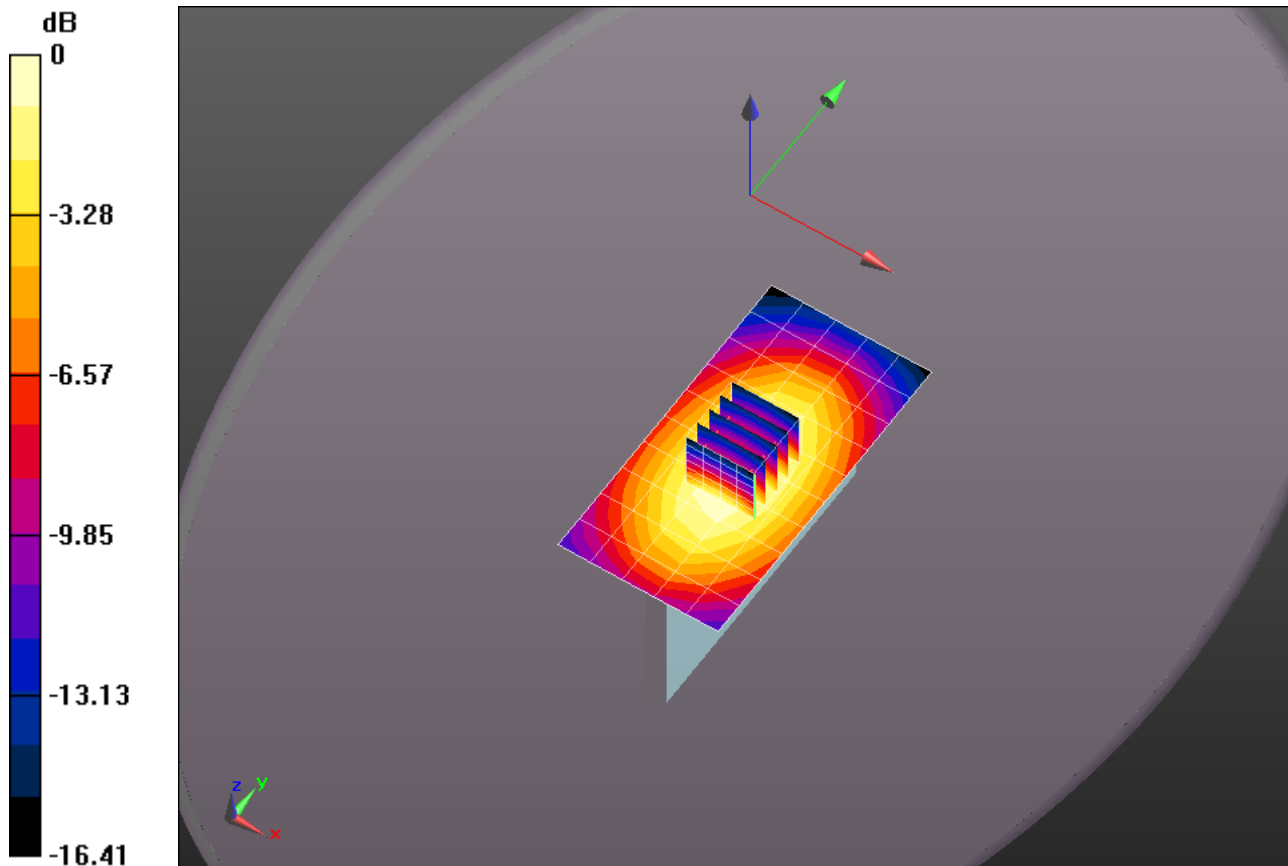
Ceramic_Flat/Right Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.870 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.290 mW/g

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.219 mW/g = -13.18 dB mW/g

Plot 178

Date/Time: 1/23/2014 2:49:56 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ mho/m; $\epsilon_r = 50.896$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 25C; Medium Temperature: 21.7C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section_1RB/Front 10mm_1880MHz/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.635 mW/g

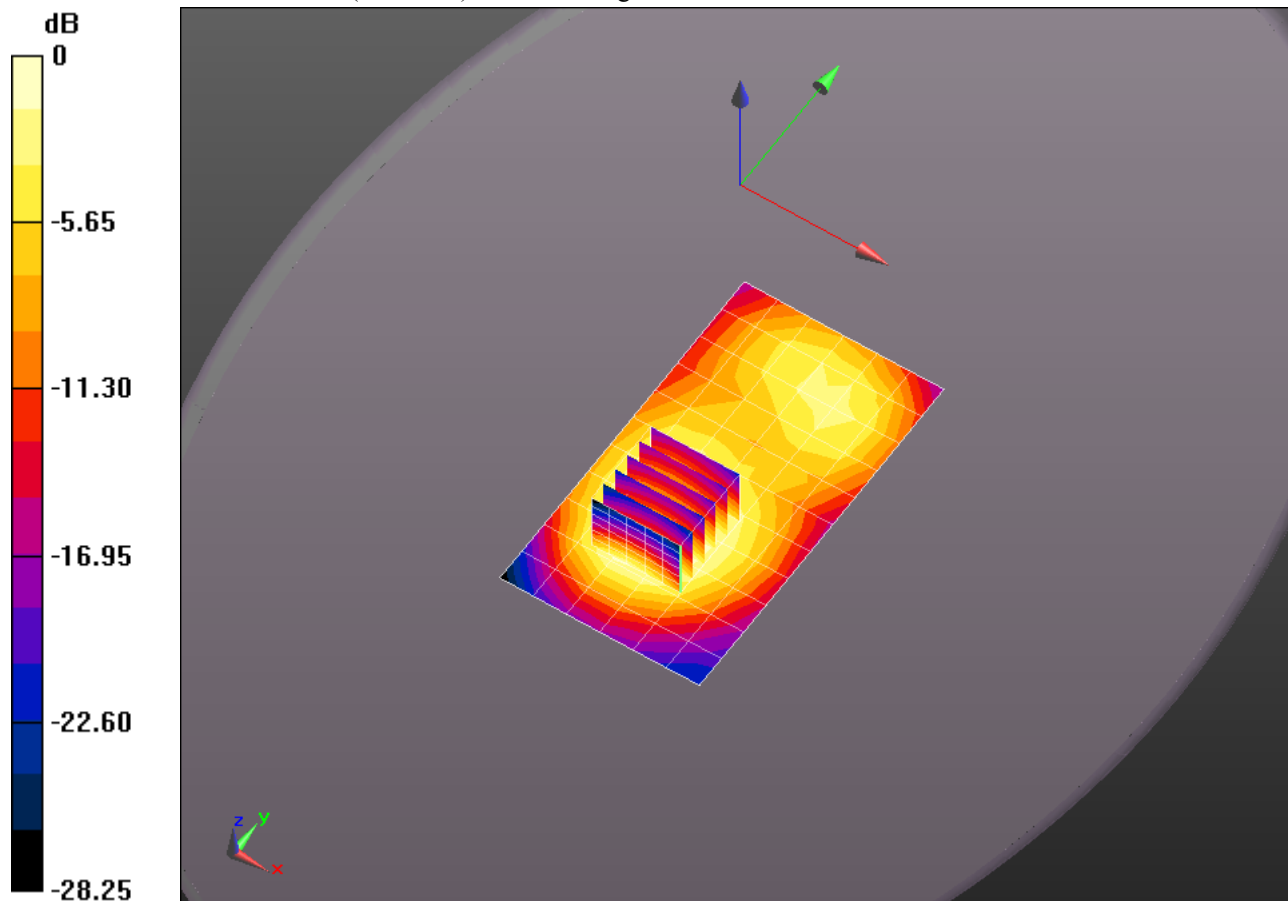
Flat-Section_1RB/Front 10mm_1880MHz/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.785 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.886 mW/g

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.646 mW/g



0 dB = 0.635 mW/g = -3.95 dB mW/g

Plot 179

Date/Time: 1/23/2014 3:56:22 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ mho/m; $\epsilon_r = 50.896$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 25C; Medium Temperature: 21.9C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section_1RB/Back 10mm_1880MHz/Area Scan (7x13x1): Measurement grid: $dx=15$ mm,

 $dy=15$ mm

Maximum value of SAR (measured) = 0.694 mW/g

Flat-Section_1RB/Back 10mm_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm,

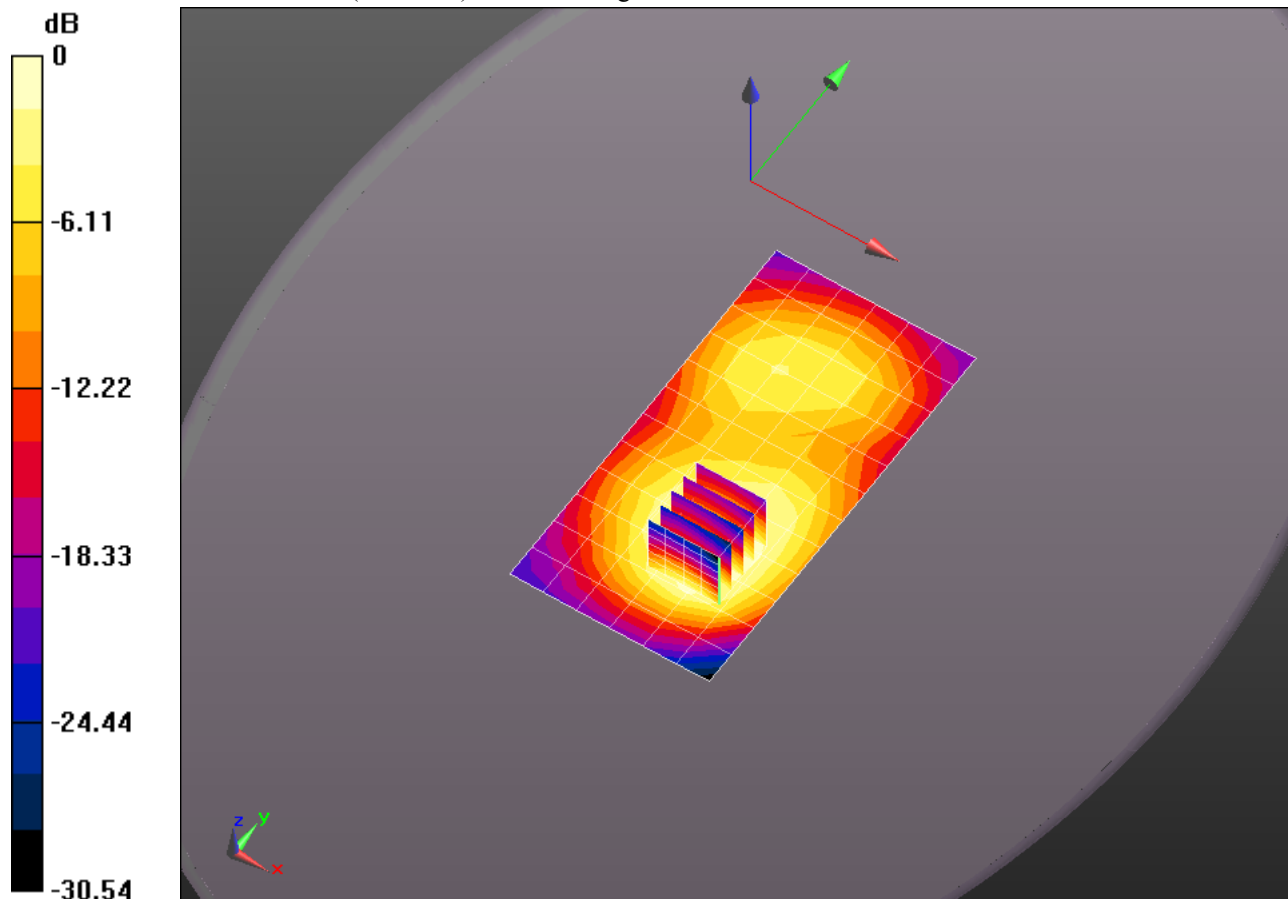
 $dy=8$ mm, $dz=5$ mm

Reference Value = 10.135 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.071 mW/g

SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.749 mW/g



0 dB = 0.694 mW/g = -3.17 dB mW/g

Plot 180

Date/Time: 1/23/2014 4:43:10 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ mho/m; $\epsilon_r = 50.896$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 25C; Medium Temperature: 21.9C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section_1RB/Bottom Edge 10mm/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.486 mW/g

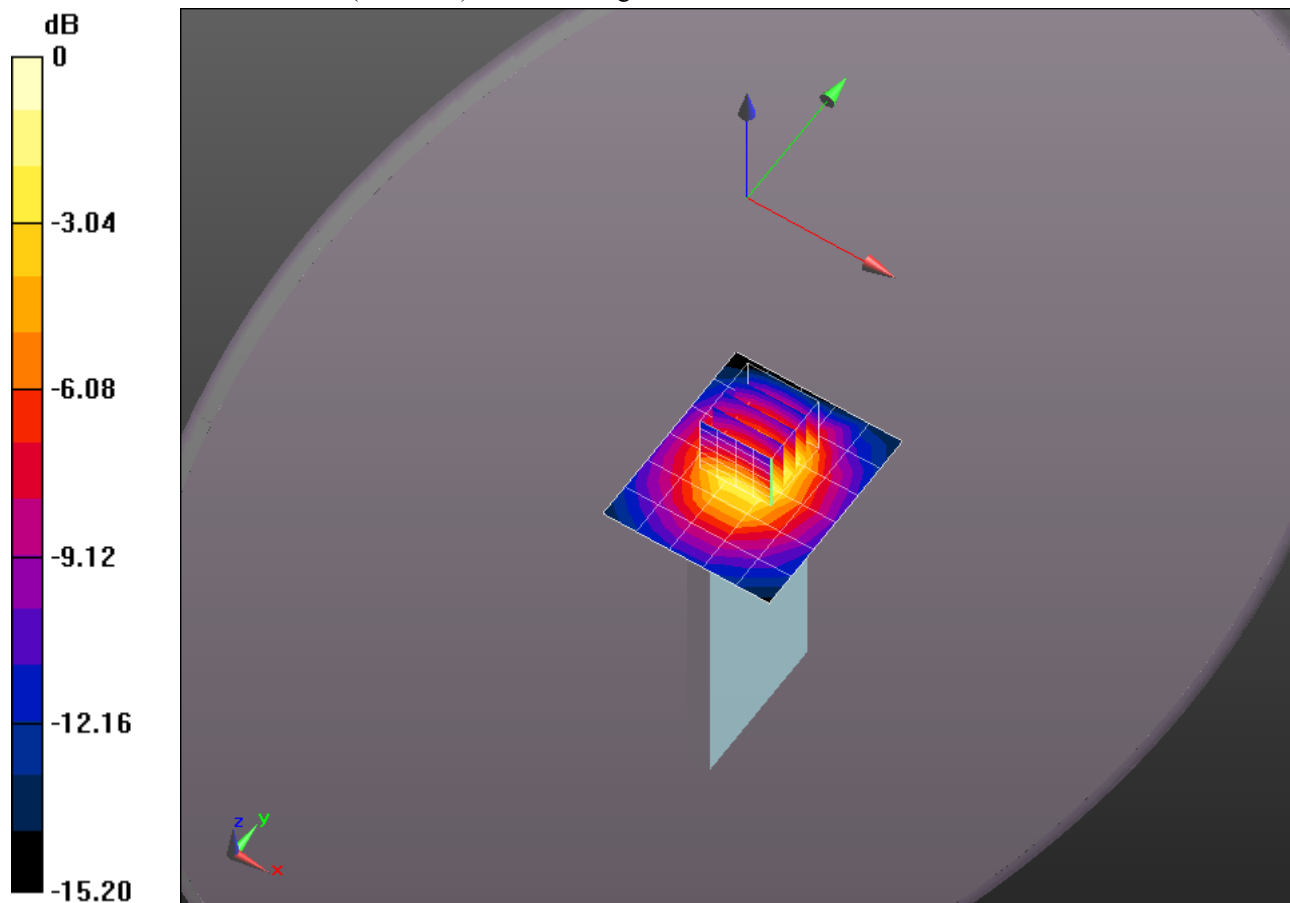
Flat-Section_1RB/Bottom Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.593 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.770 mW/g

SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 0.563 mW/g



0 dB = 0.486 mW/g = -6.27 dB mW/g

Plot 181

Date/Time: 1/23/2014 5:16:00 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ mho/m; $\epsilon_r = 50.896$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 24.5C; Medium Temperature: 22C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section_1RB/Left Edge 10mm/Area Scan (6x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.383 mW/g

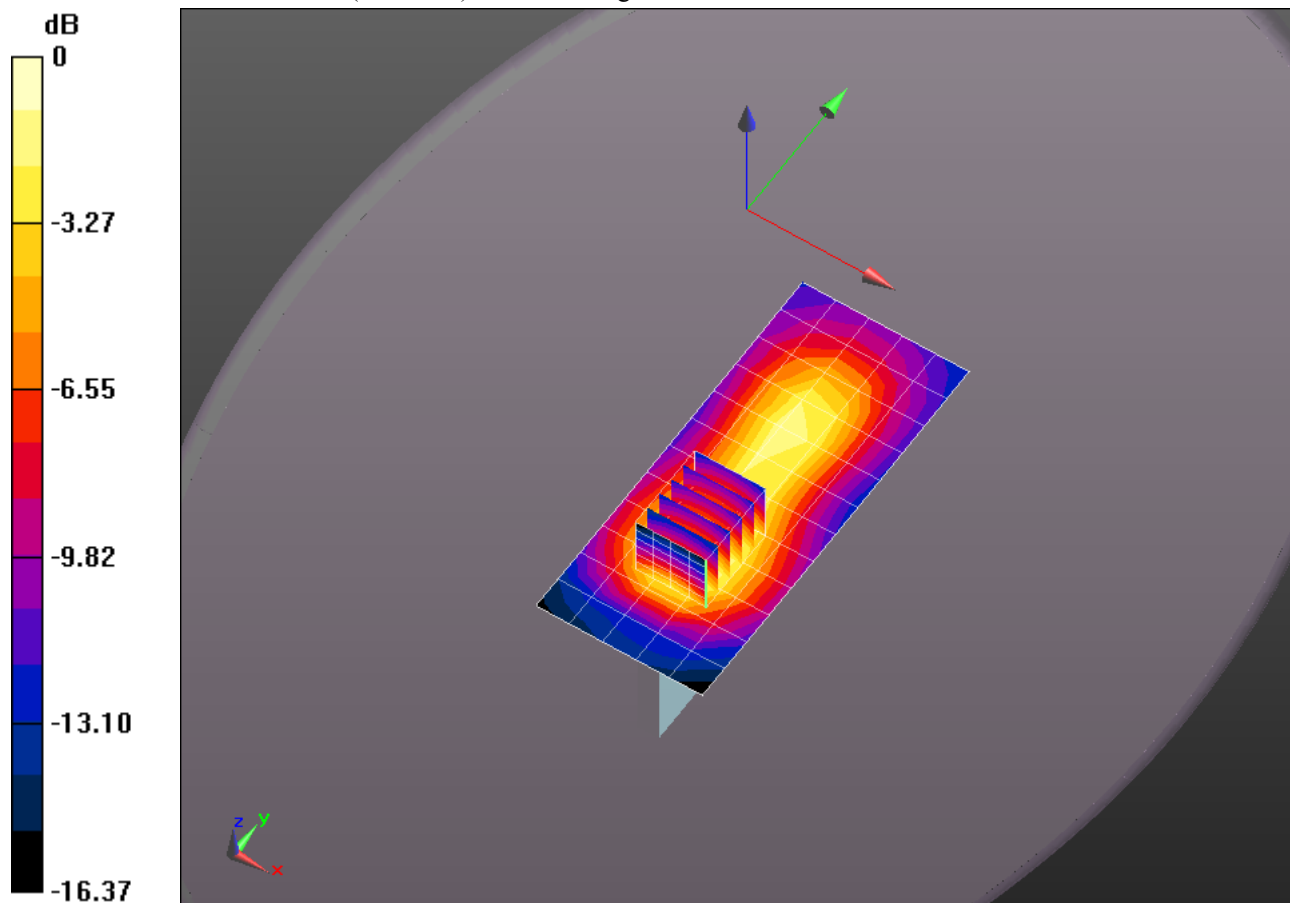
Flat-Section_1RB/Left Edge 10mm/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.442 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.603 mW/g

SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.449 mW/g



0 dB = 0.383 mW/g = -8.34 dB mW/g

Plot 182

Date/Time: 2/25/2014 8:19:15 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 51.227$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_2-25/Right Edge 10mm_1RB/Area Scan (6x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.165 mW/g

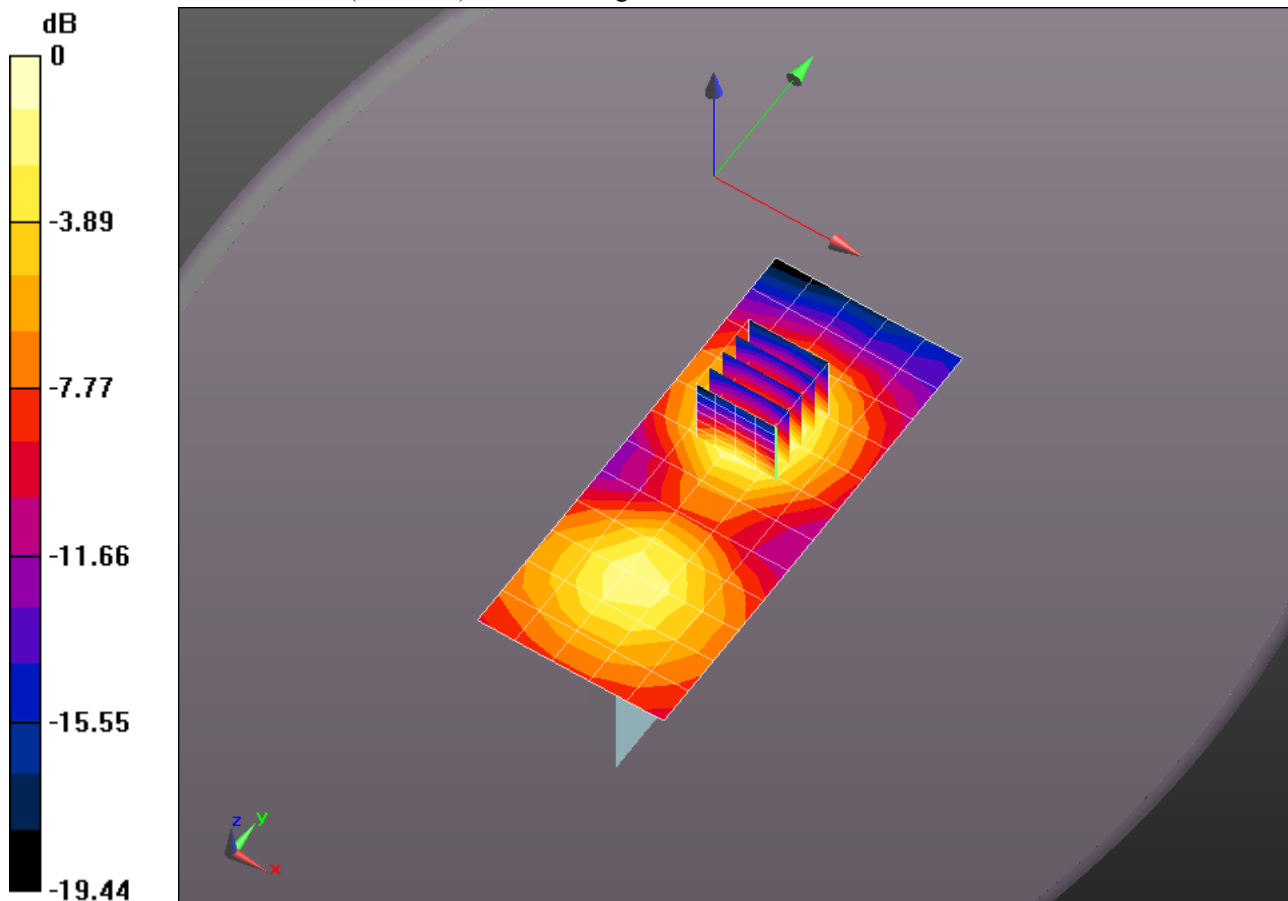
Flat-Section_2-25/Right Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.643 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.227 mW/g

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.172 mW/g



0 dB = 0.165 mW/g = -15.67 dB mW/g

Plot 183

Date/Time: 1/23/2014 3:10:42 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ mho/m; $\epsilon_r = 50.896$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 25C; Medium Temperature: 21.8C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section_50RB/Front 10mm_1880MHz/Area Scan (7x12x1): Measurement grid: $dx=15$ mm,

 $dy=15$ mm

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

Flat-Section_50RB/Front 10mm_1880MHz/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm,

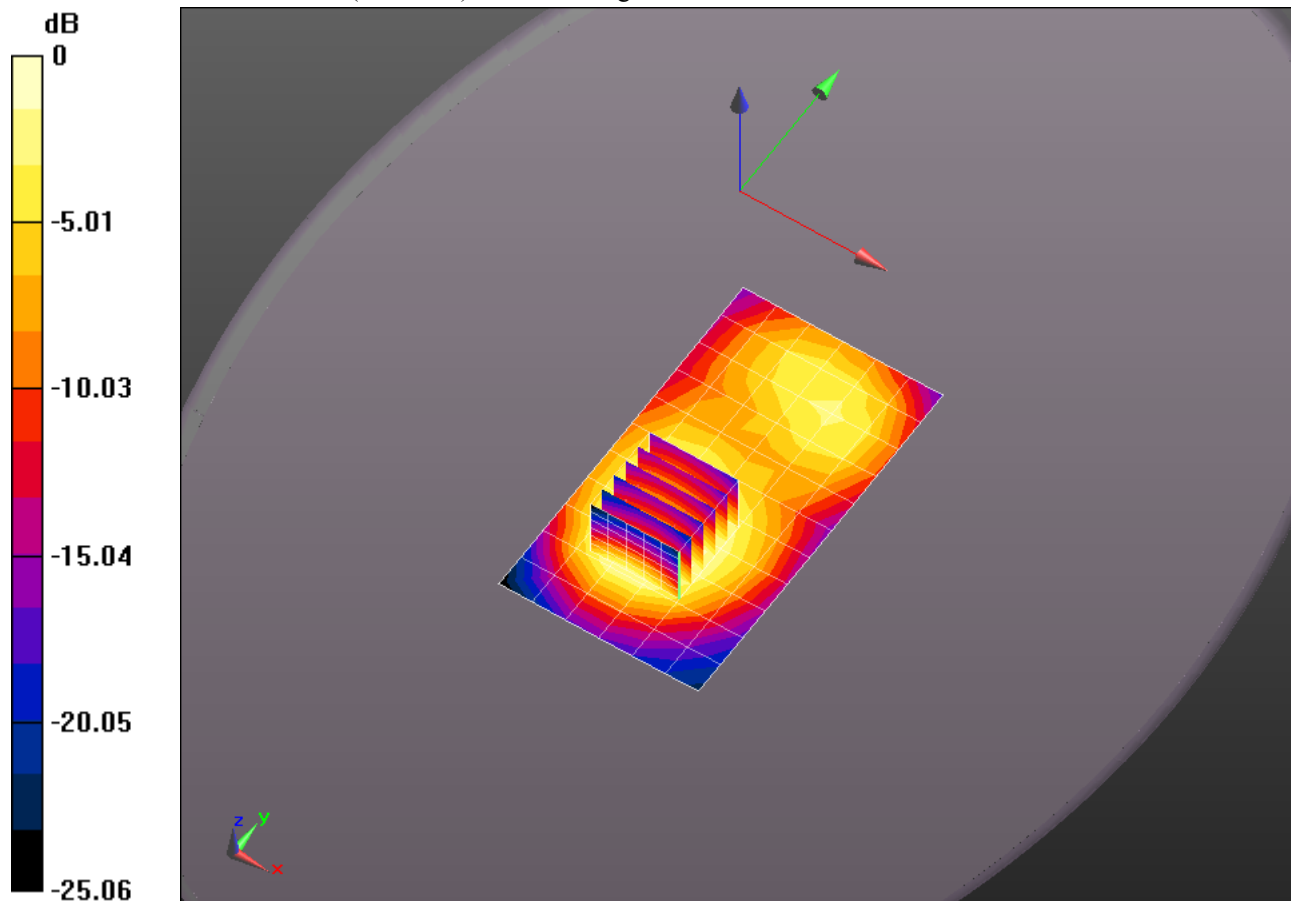
 $dy=8$ mm, $dz=5$ mm

Reference Value = 9.821 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.804 mW/g

SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.585 mW/g



0 dB = 0.573 mW/g = -4.84 dB mW/g

Plot 184

Date/Time: 1/23/2014 4:13:49 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ mho/m; $\epsilon_r = 50.896$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 24.9C; Medium Temperature: 21.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section_50RB/Back 10mm_1880MHz/Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.630 mW/g

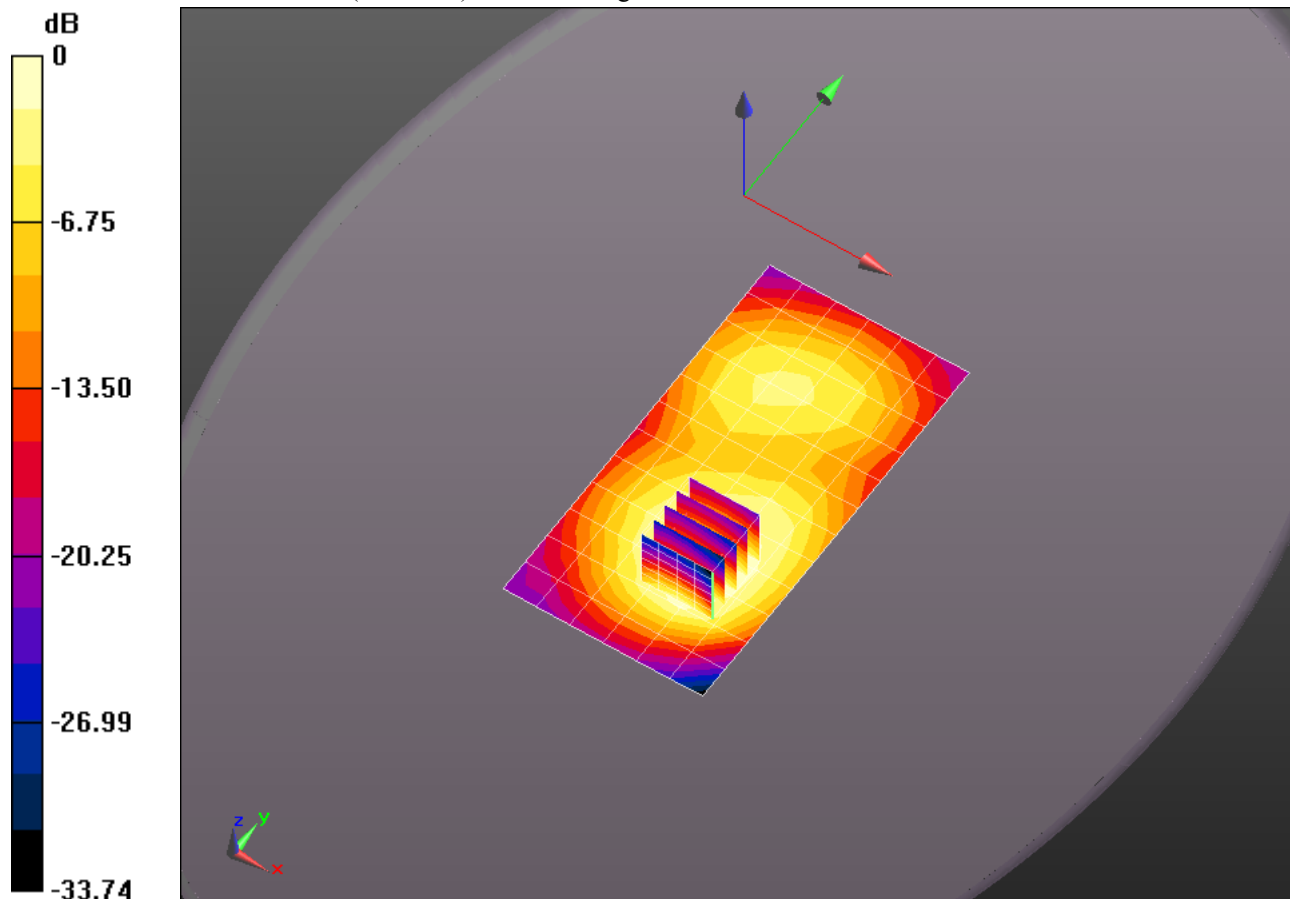
Flat-Section_50RB/Back 10mm_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.256 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.965 mW/g

SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.675 mW/g



0 dB = 0.630 mW/g = -4.02 dB mW/g

Plot 185

Date/Time: 1/23/2014 4:58:34 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ mho/m; $\epsilon_r = 50.896$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 23.9C; Medium Temperature: 21.9C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section_50RB/Bottom Edge 10mm/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.451 mW/g

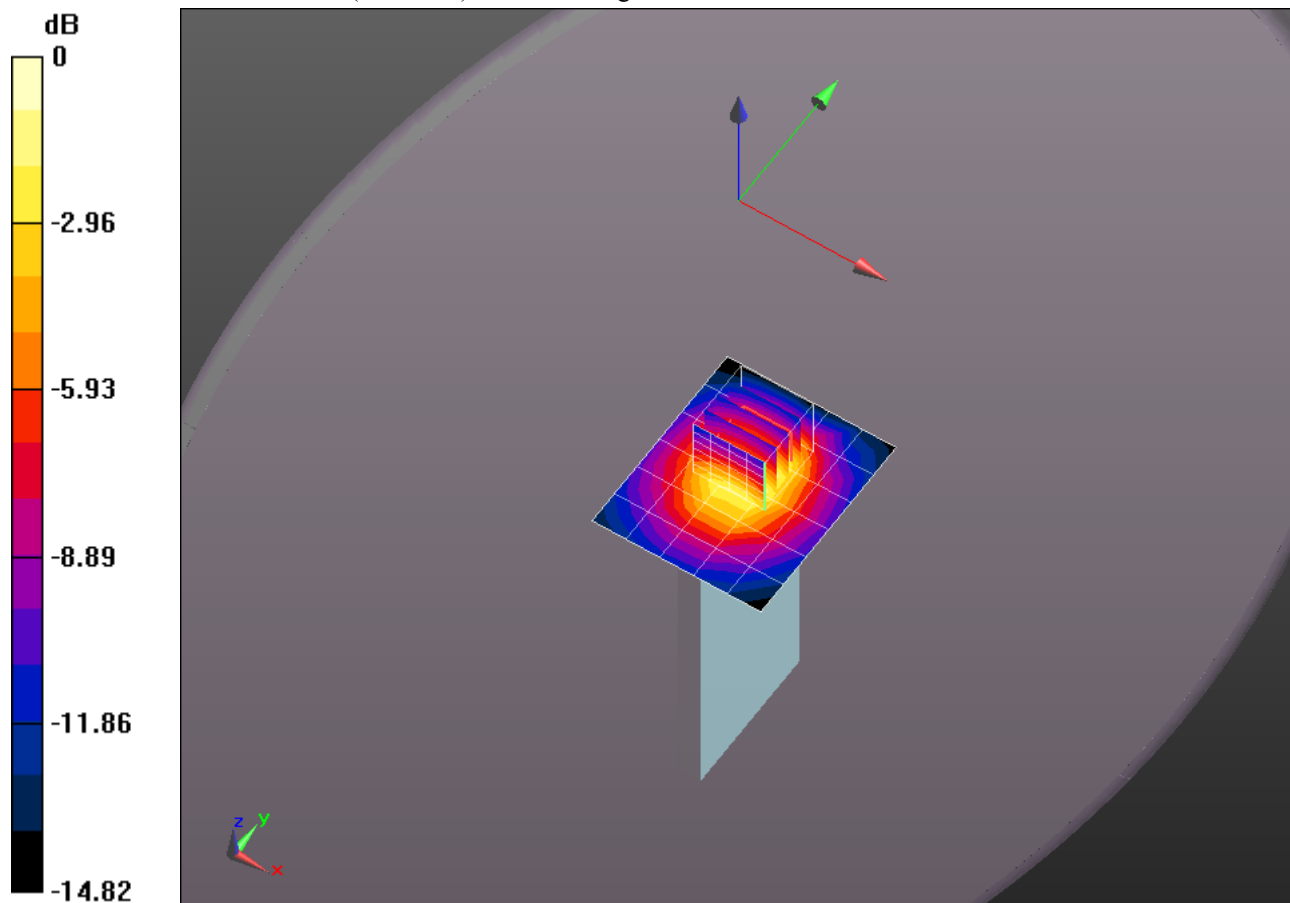
Flat-Section_50RB/Bottom Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.778 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.712 mW/g

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.522 mW/g



0 dB = 0.451 mW/g = -6.91 dB mW/g

Plot 186

Date/Time: 2/25/2014 8:53:22 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 51.227$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.7C; Medium Temperature: 21.9C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_2-25/Left Edge 10mm_50RB/Area Scan (6x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.411 mW/g

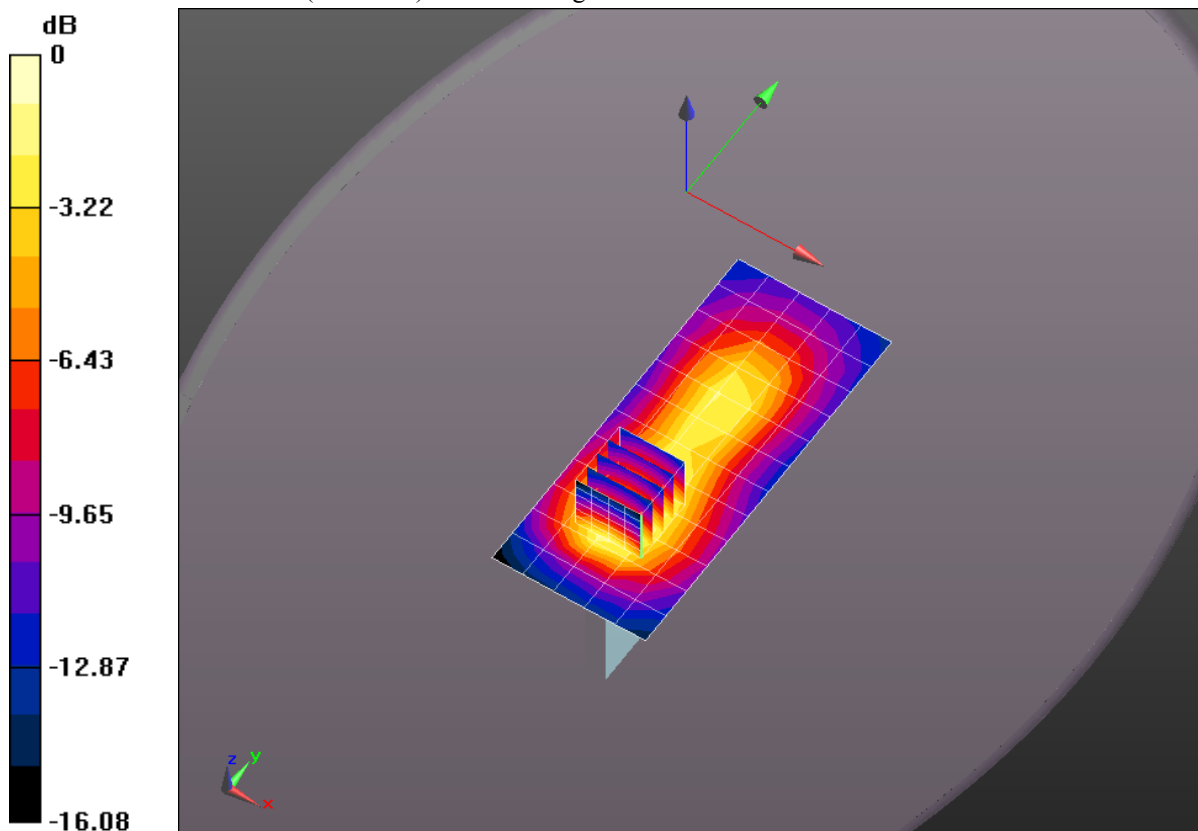
Flat-Section_2-25/Left Edge 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.973 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.595 mW/g

SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.223 mW/g

Maximum value of SAR (measured) = 0.446 mW/g



0 dB = 0.411 mW/g = -7.73 dB mW/g

Plot 187

Date/Time: 2/25/2014 8:39:23 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 51.227$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_2-25/Right Edge 10mm_50RB/Area Scan (6x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.146 mW/g

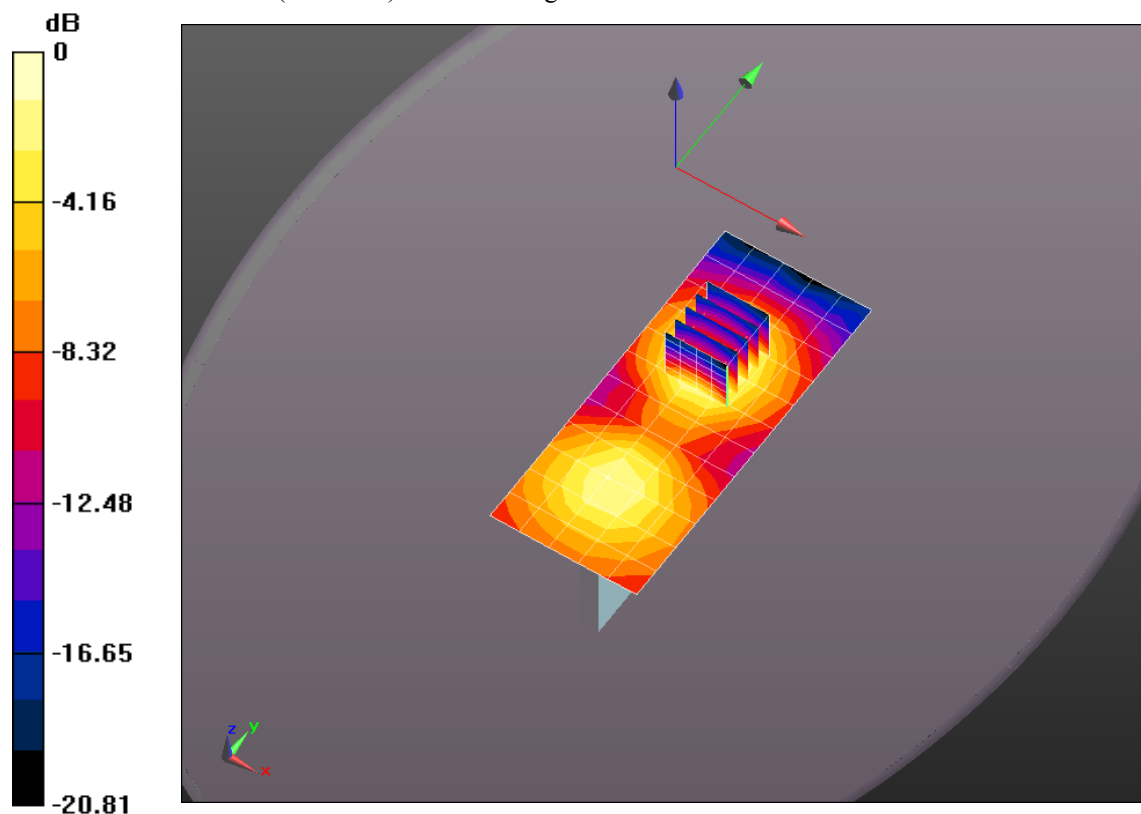
Flat-Section_2-25/Right Edge 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.333 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.203 mW/g

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.154 mW/g



0 dB = 0.146 mW/g = -16.73 dB mW/g

Plot 188

Date/Time: 4/28/2014 8:07:20 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel SB; Type: Phone; Serial: INV133601261

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.196$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.9C; Medium Temperature: 21.6C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.69, 4.69, 4.69); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Ceramic_Back 4-28/Ceramic_Back 10mm_1RB 2/Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Ceramic_Back 4-28/Ceramic_Back 10mm_1RB 2/Zoom Scan (7x6x7)/Cube 0: Measurement grid:

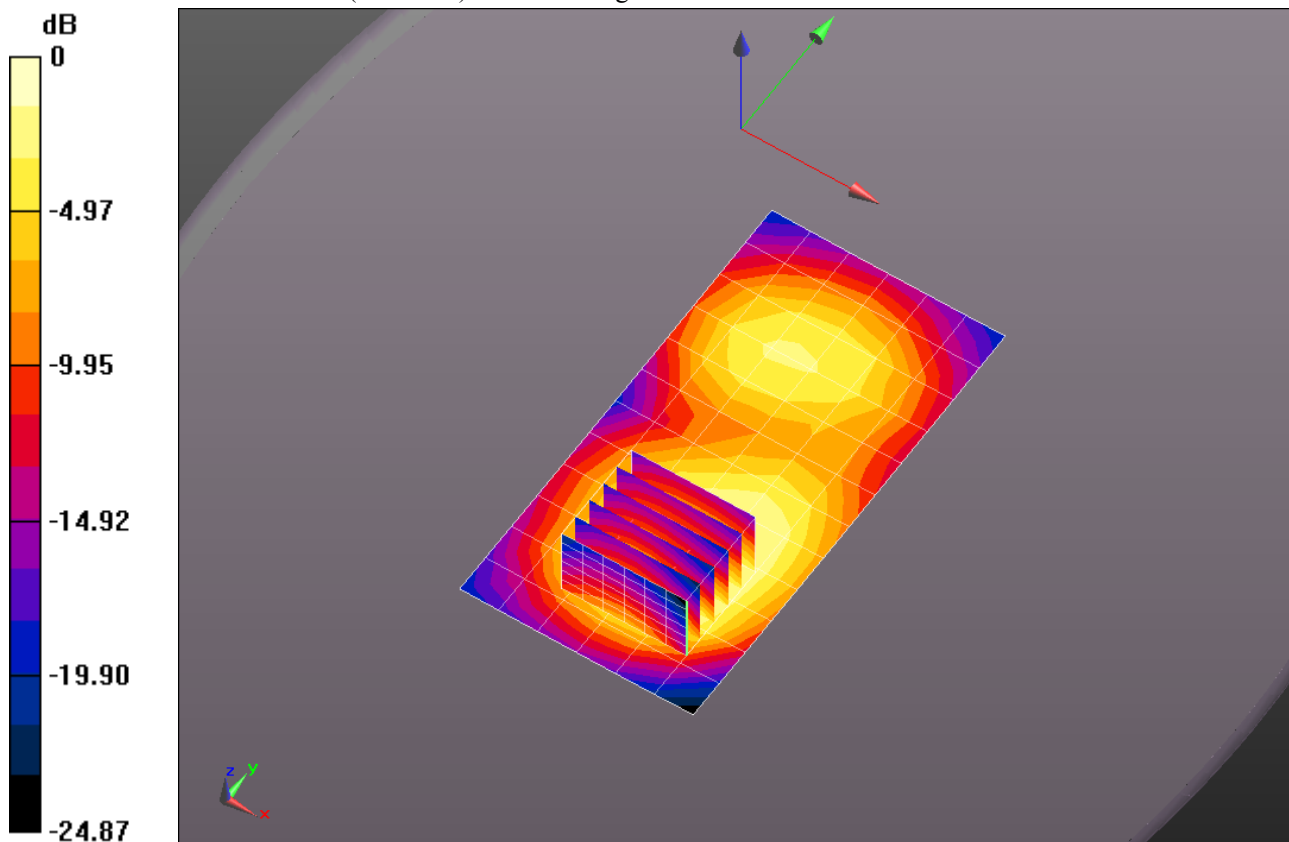
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.007 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.040 mW/g

SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 0.751 mW/g



0 dB = 0.595 mW/g = -4.52 dB mW/g

Plot 189

Date/Time: 2/14/2014 4:17:57 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

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

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.486$ mho/m; $\epsilon_r = 51.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Front 10mm_1RB/Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.823 mW/g

Flat-Section/Front 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

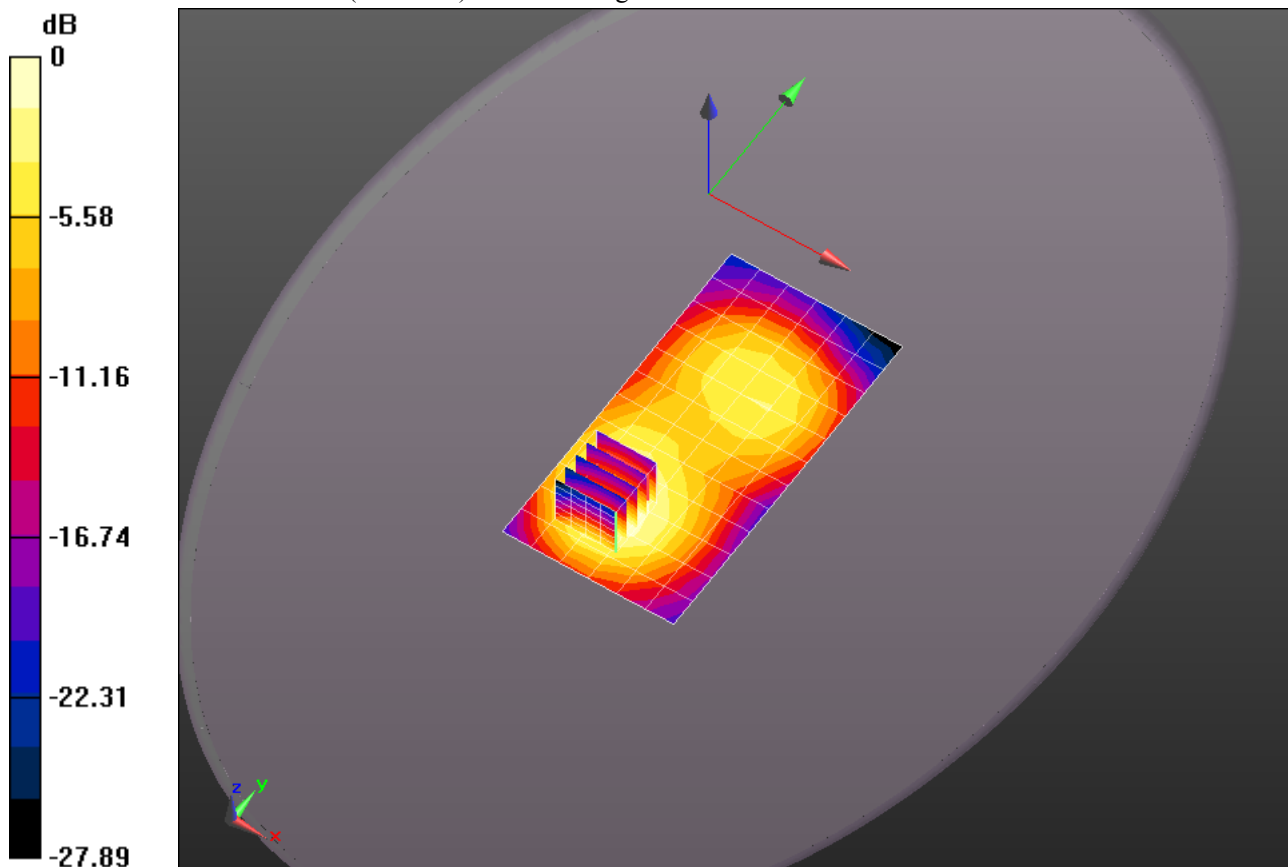
Reference Value = 21.003 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.154 mW/g

SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.442 mW/g

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

Maximum value of SAR (measured) = 0.843 mW/g



0 dB = 0.823 mW/g = -1.69 dB mW/g

Plot 190

Date/Time: 2/14/2014 4:58:03 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

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

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.486$ mho/m; $\epsilon_r = 51.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section/Back 10mm_1RB/Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.891 mW/g

Flat-Section/Back 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

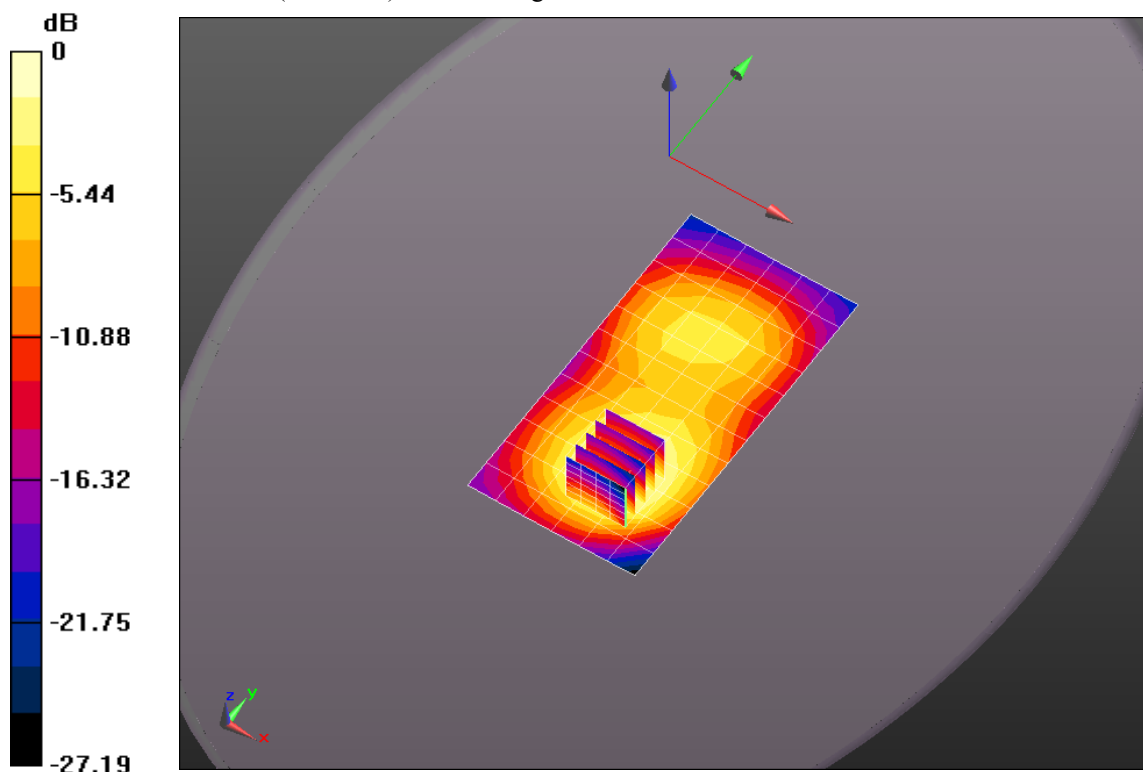
Reference Value = 23.990 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.487 mW/g

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.502 mW/g

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

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 0.891 mW/g = -1.00 dB mW/g

Plot 191

Date/Time: 2/14/2014 3:44:38 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1732$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Bottom Edge 10mm_1RB/Area Scan (6x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.608 mW/g

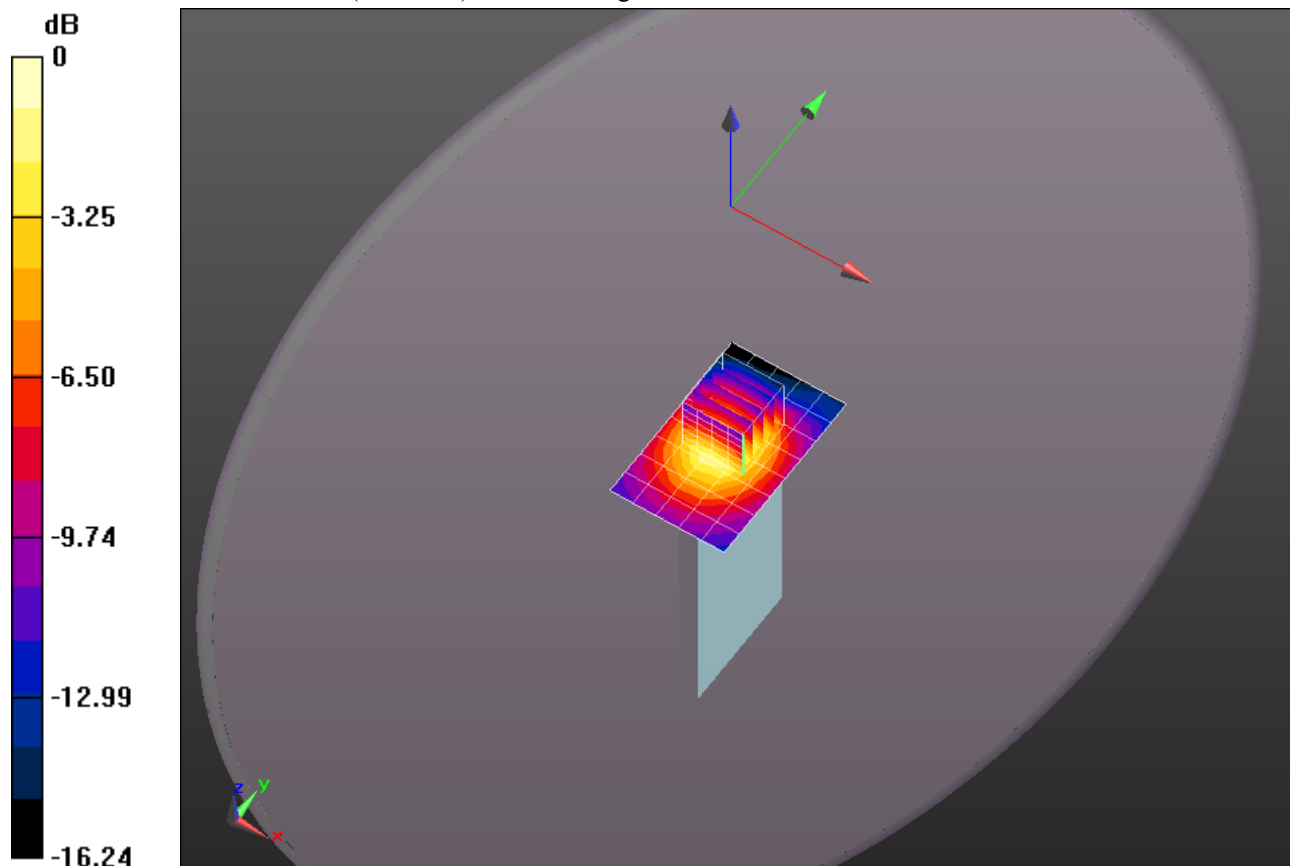
Flat-Section/Bottom Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.558 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.933 mW/g

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.309 mW/g

Maximum value of SAR (measured) = 0.679 mW/g



0 dB = 0.608 mW/g = -4.32 dB mW/g

Plot 192

Date/Time: 2/14/2014 2:12:38 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1732$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.1C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section/Left Edge 10mm_1RB/Area Scan (5x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

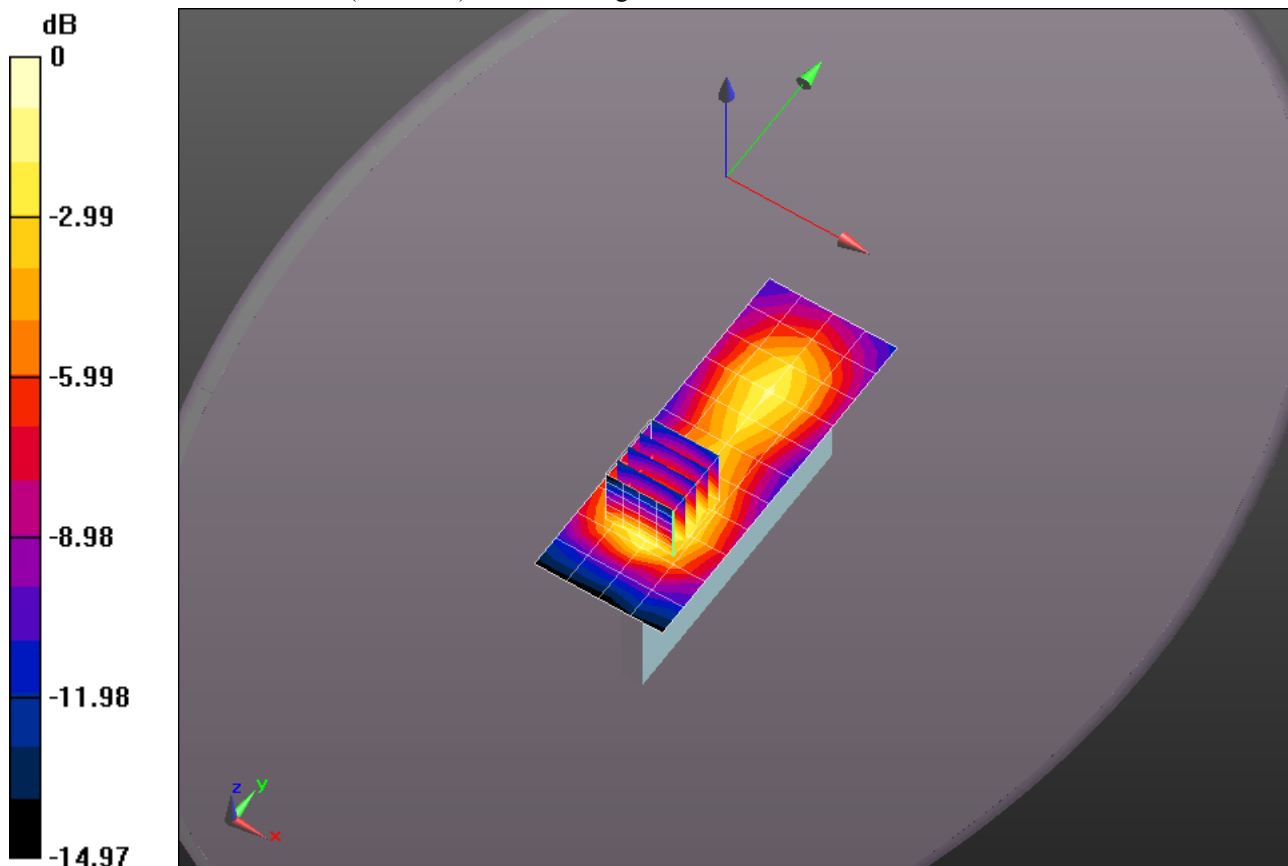
Flat-Section/Left Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.967 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.748 mW/g

SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.553 mW/g



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

Plot 193

Date/Time: 2/14/2014 3:27:49 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1732$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Right Edge 10mm_1RB/Area Scan (5x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.116 mW/g

Flat-Section/Right Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

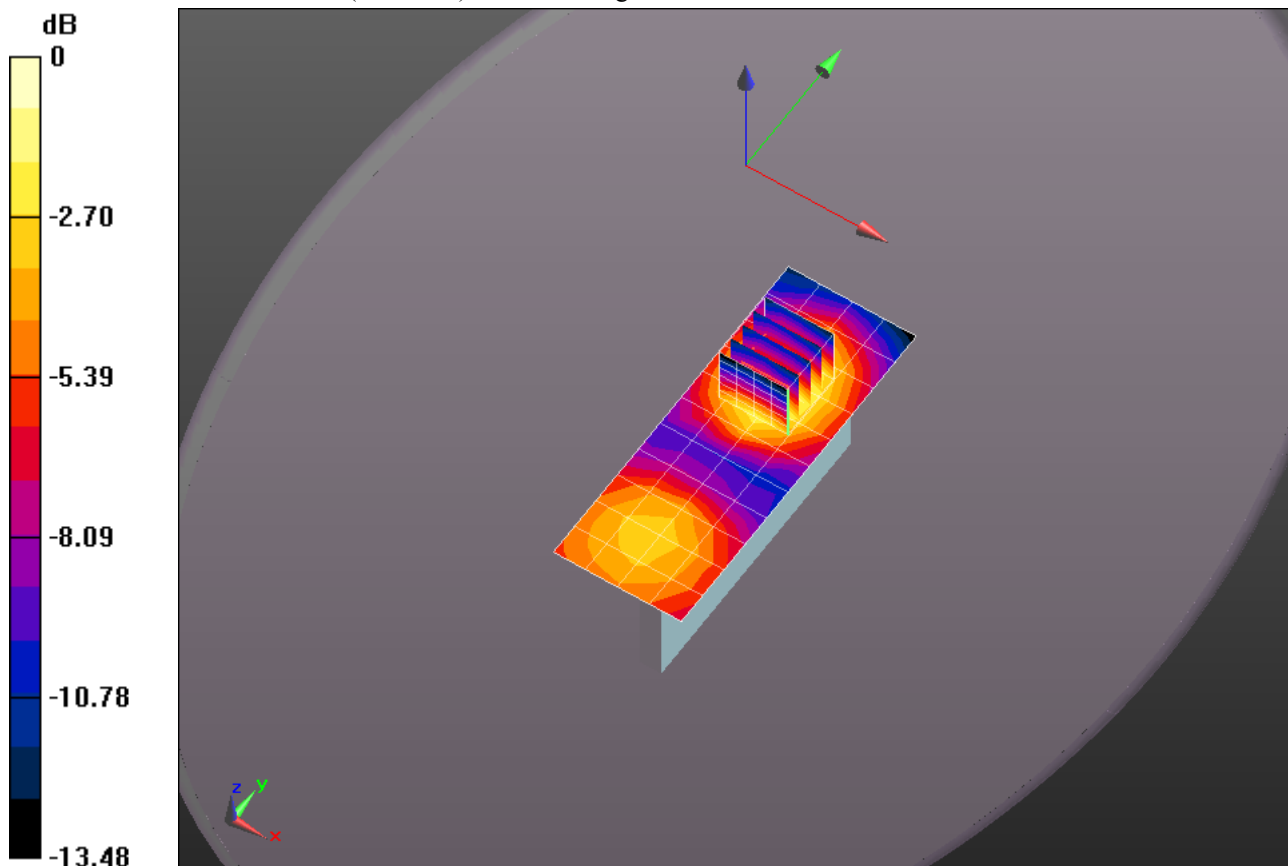
dy=8mm, dz=5mm

Reference Value = 5.108 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.155 mW/g

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.117 mW/g



0 dB = 0.116 mW/g = -18.71 dB mW/g

Plot 194

Date/Time: 2/18/2014 12:52:34 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600175

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

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.234$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 20.1C; Medium Temperature: 20.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 1/WC_Back 10mm_1RB_Low Ch./Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.605 mW/g

Flat-Section 1/WC_Back 10mm_1RB_Low Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid:

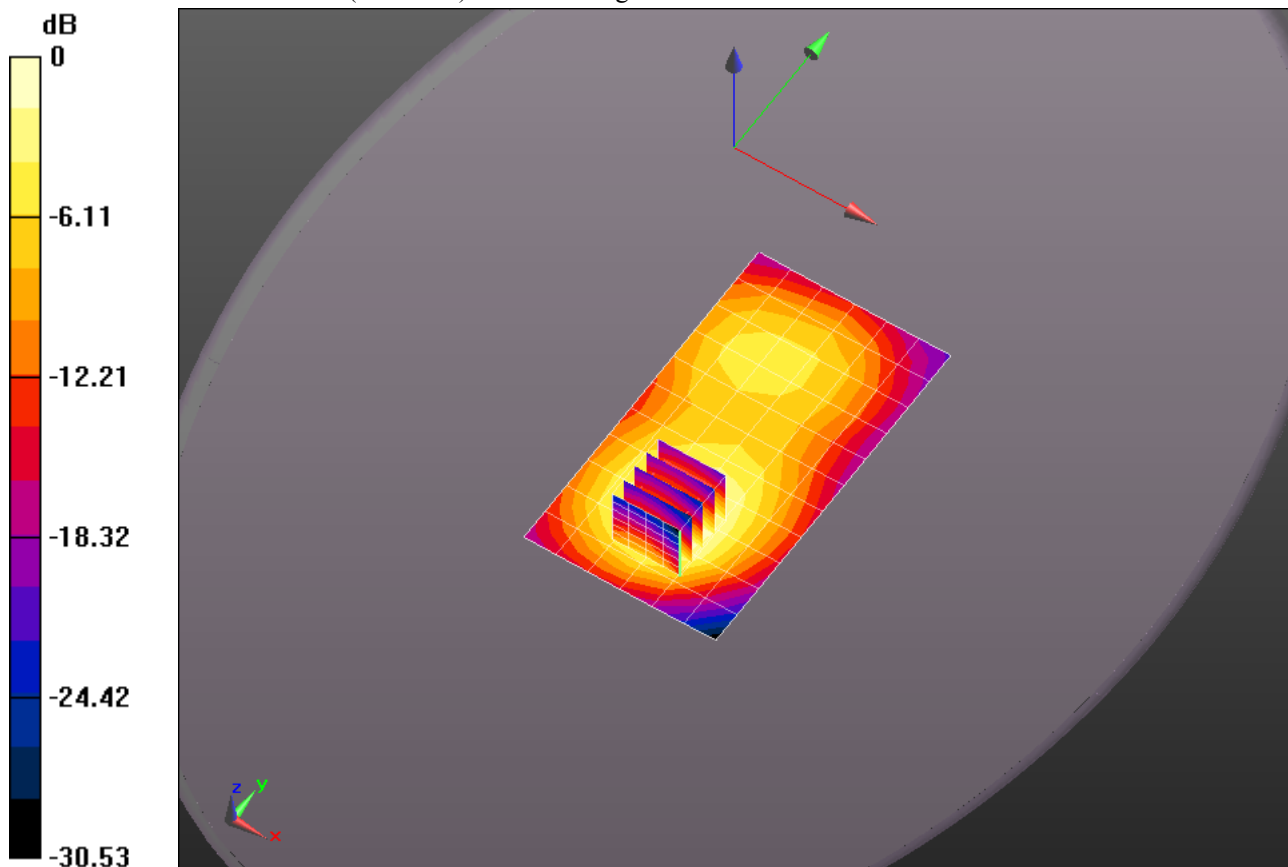
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.634 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.917 mW/g

SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 0.652 mW/g



0 dB = 0.605 mW/g = -4.37 dB mW/g

Plot 195

Date/Time: 2/18/2014 1:10:46 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600175

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

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 51.02$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 20.2C; Medium Temperature: 20.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 1/WC_Back 10mm_1RB_Hi. Ch./Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Flat-Section 1/WC_Back 10mm_1RB_Hi. Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid:

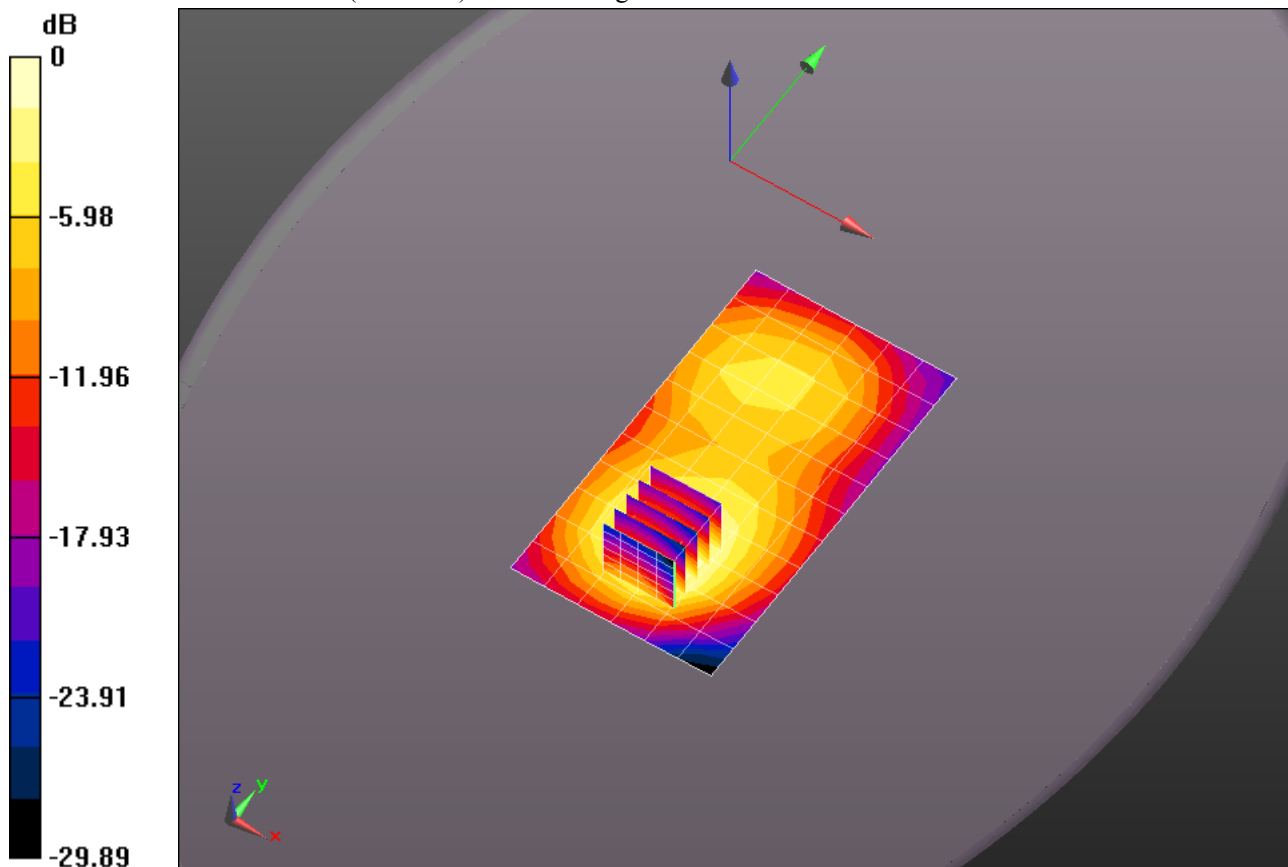
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.582 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.215 mW/g

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.405 mW/g

Maximum value of SAR (measured) = 0.859 mW/g



0 dB = 0.803 mW/g = -1.90 dB mW/g

Plot 196

Date/Time: 2/14/2014 4:37:30 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1732$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Front 10mm_50RB/Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.757 mW/g

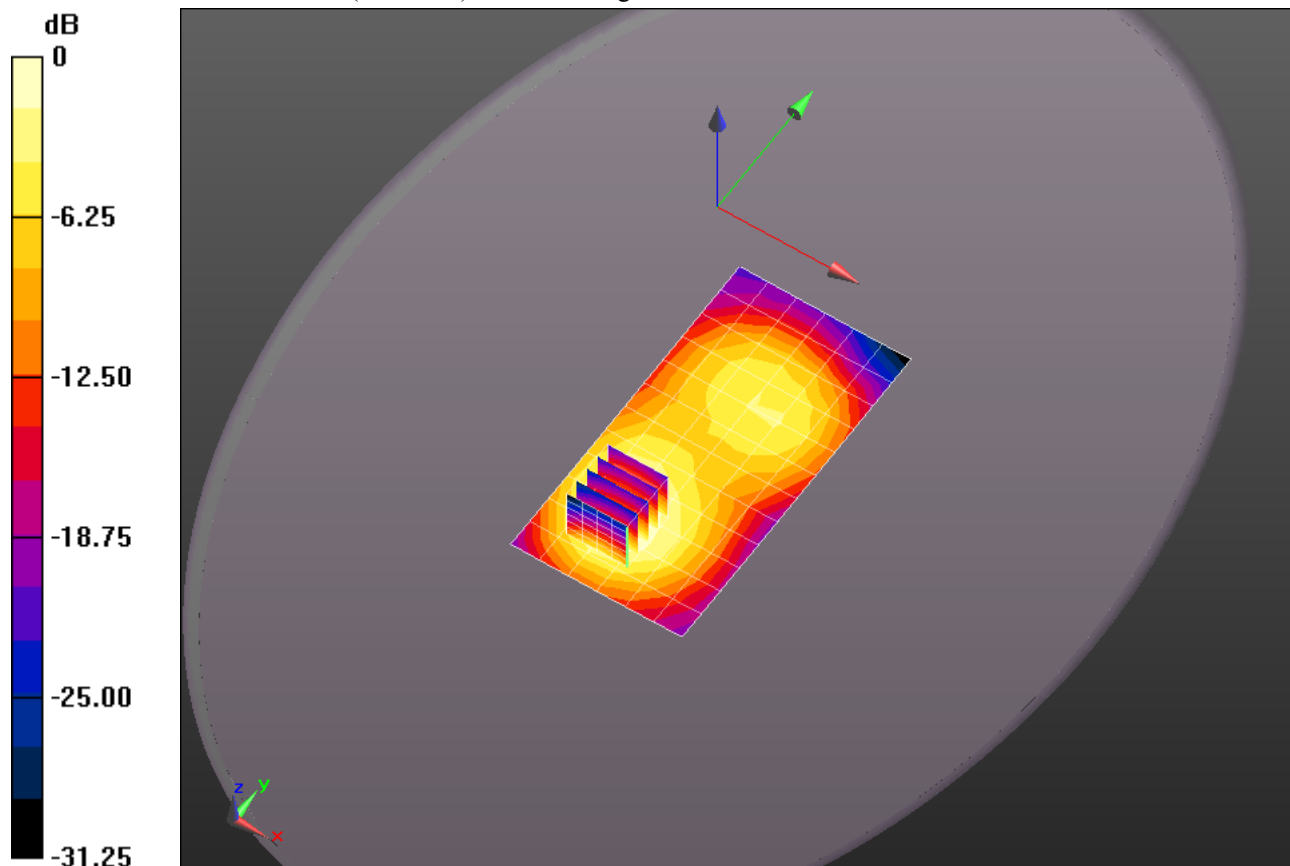
Flat-Section/Front 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.872 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.092 mW/g

SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 0.784 mW/g



0 dB = 0.757 mW/g = -2.42 dB mW/g

Plot 197

Date/Time: 2/14/2014 5:13:06 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1732$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Back 10mm_50RB/Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.817 mW/g

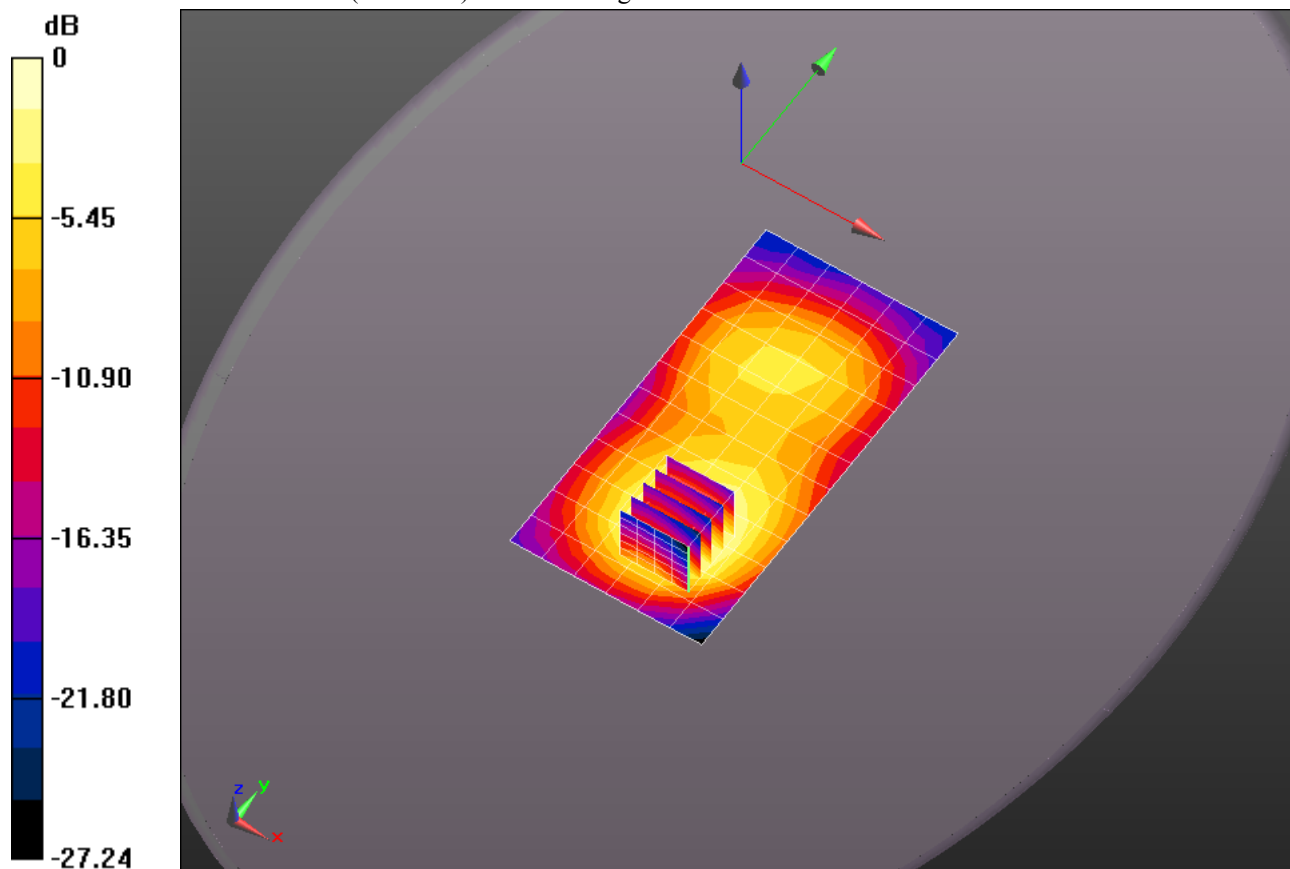
Flat-Section/Back 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.884 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.418 mW/g

SAR(1 g) = 0.790 mW/g; SAR(10 g) = 0.456 mW/g

Maximum value of SAR (measured) = 0.977 mW/g



0 dB = 0.817 mW/g = -1.75 dB mW/g

Plot 198

Date/Time: 2/14/2014 3:59:31 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1732$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Bottom Edge 10mm_50RB/Area Scan (6x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.559 mW/g

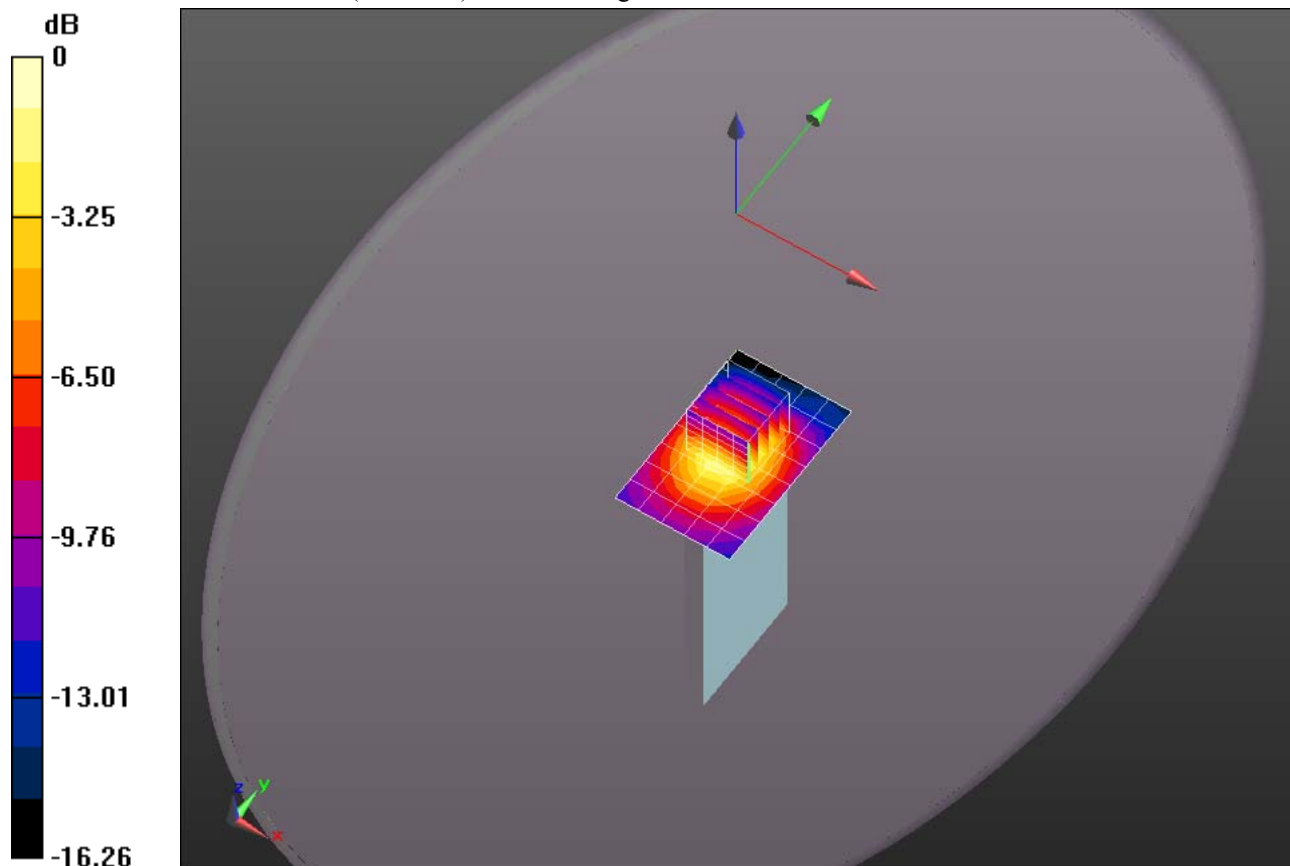
Flat-Section/Bottom Edge 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.693 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.881 mW/g

SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 0.631 mW/g



0 dB = 0.559 mW/g = -5.06 dB mW/g

Plot 199

Date/Time: 2/14/2014 2:41:45 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1732$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.0C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Left Edge 10mm_50RB/Area Scan (5x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.489 mW/g

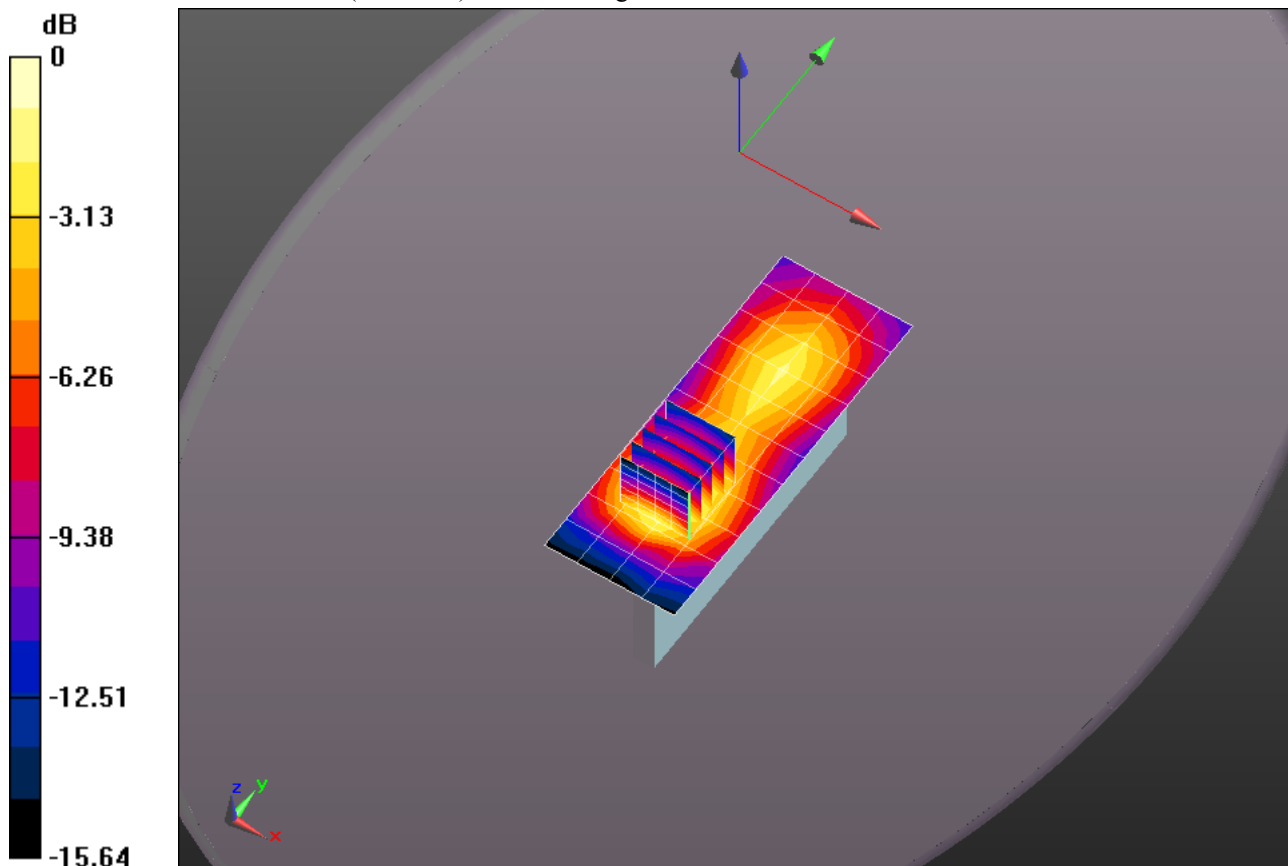
Flat-Section/Left Edge 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.577 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.666 mW/g

SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.490 mW/g



0 dB = 0.489 mW/g = -6.21 dB mW/g

Plot 200

Date/Time: 2/14/2014 3:08:01 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1732$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 51.442$; $\rho = 1000$ 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: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Right Edge 10mm_50RB/Area Scan (6x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0901 mW/g

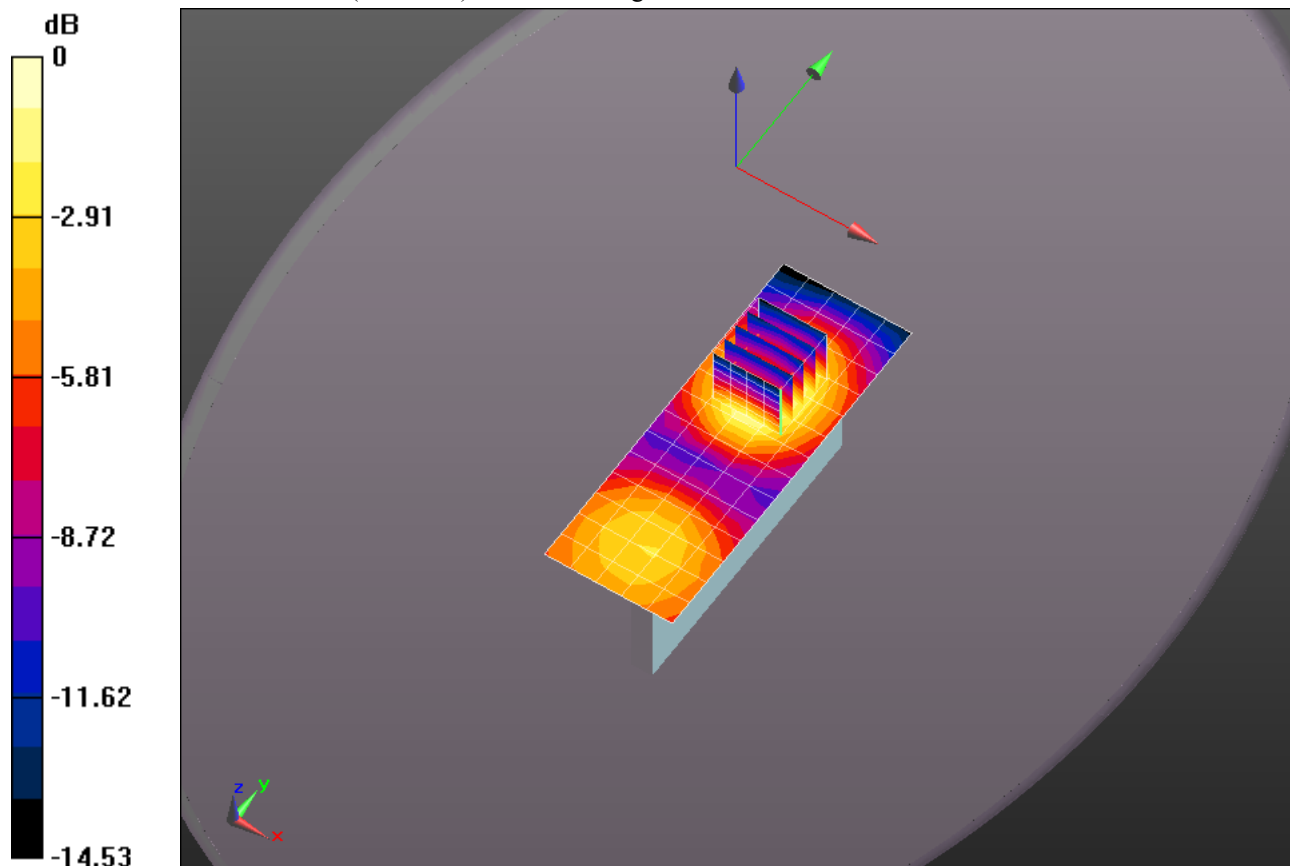
Flat-Section/Right Edge 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.383 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.131 mW/g

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.0980 mW/g



0 dB = 0.0901 mW/g = -20.91 dB mW/g

Plot 201

Date/Time: 4/21/2014 2:05:25 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600175

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1720 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r = 51.538$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 23.3C; Medium Temperature: 22C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.9, 4.9, 4.9); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section 4-21/WC_Back 10mm_50RB_1720MHz/Area Scan (7x13x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.780 mW/g

Flat-Section 4-21/WC_Back 10mm_50RB_1720MHz/Zoom Scan (5x6x7)/Cube 0: Measurement grid:

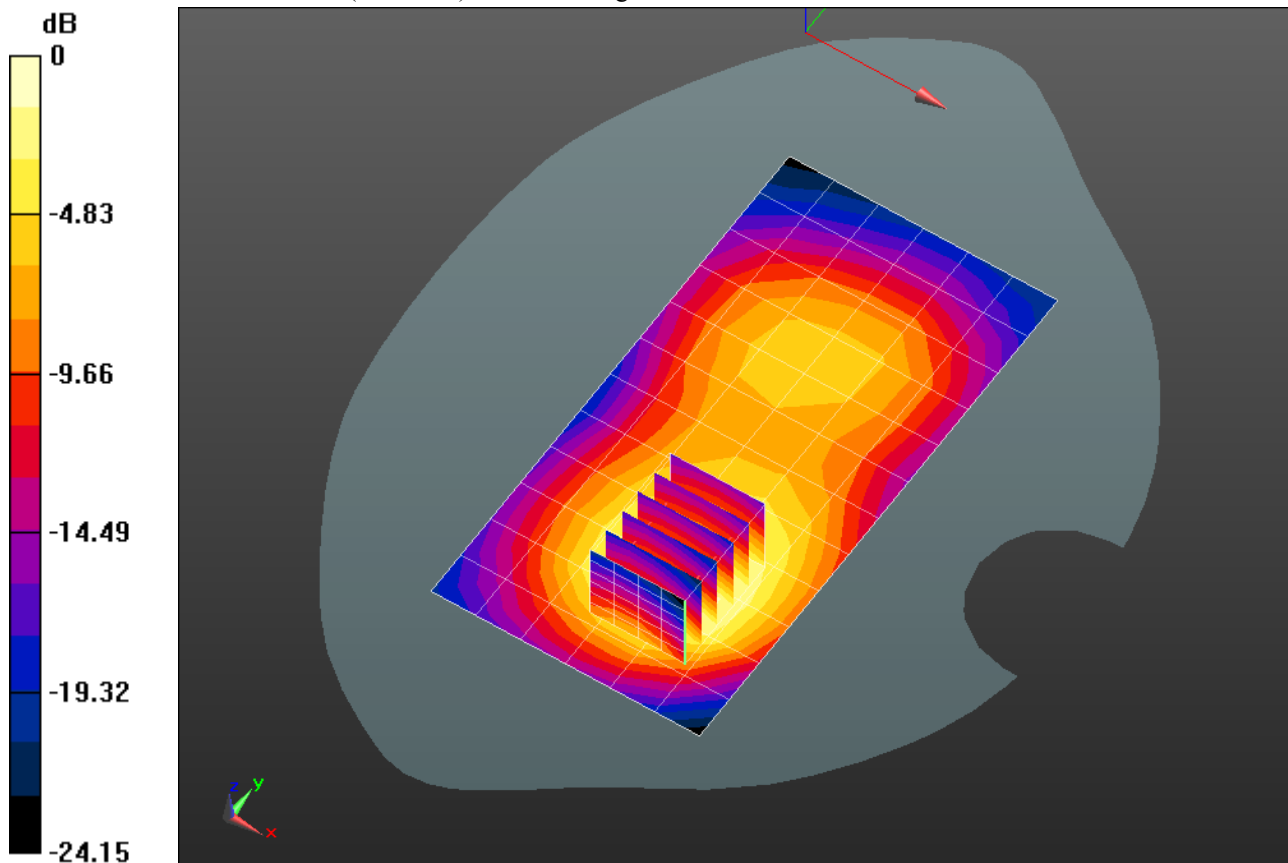
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.530 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.276 mW/g

SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.418 mW/g

Maximum value of SAR (measured) = 0.884 mW/g



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

Plot 202

Date/Time: 4/21/2014 3:28:26 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600175

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1745 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.496$ mho/m; $\epsilon_r = 51.428$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 23.5C; Medium Temperature: 22C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.9, 4.9, 4.9); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section 4-21/WC_Back 10mm_50RB_1745MHz/Area Scan (7x13x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.851 mW/g

Flat-Section 4-21/WC_Back 10mm_50RB_1745MHz/Zoom Scan (6x6x7)/Cube 0: Measurement grid:

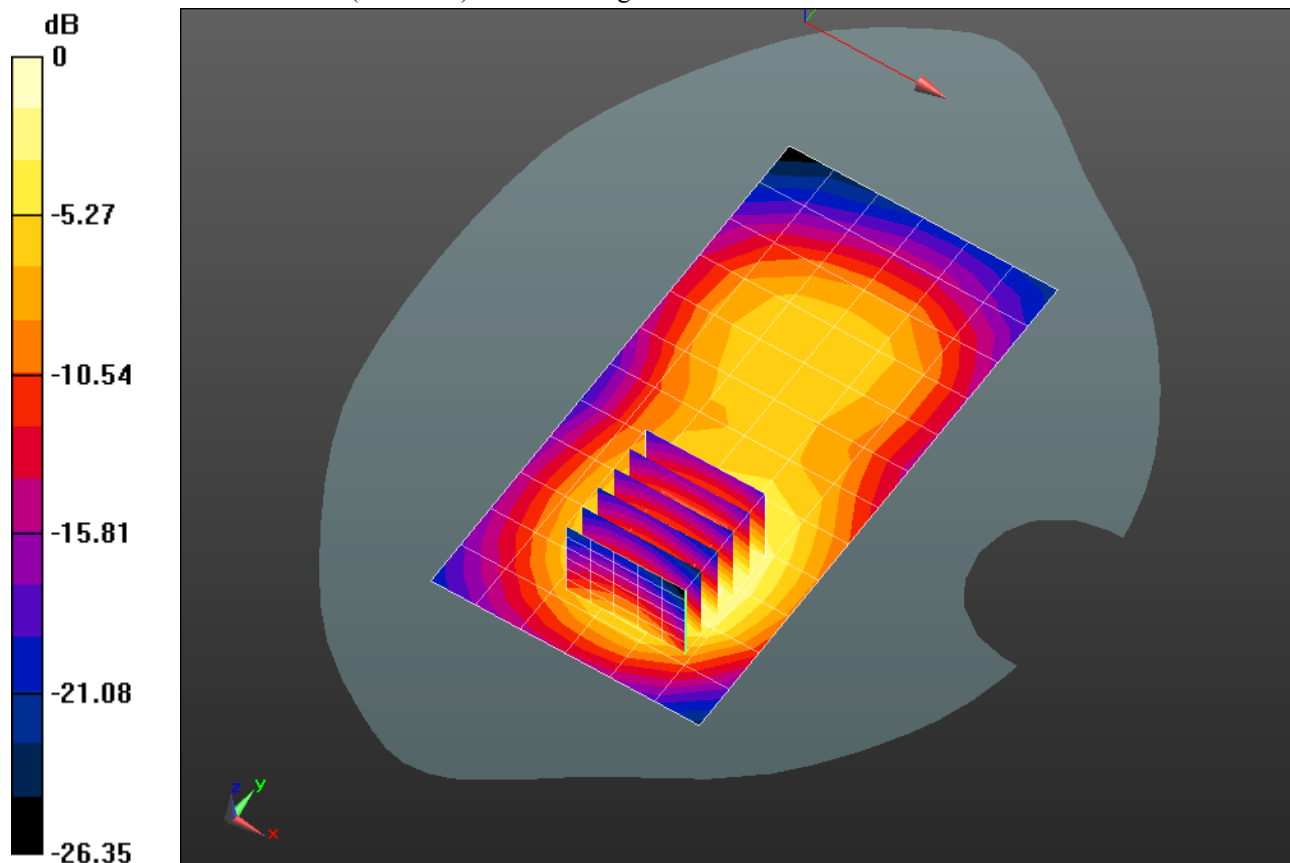
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.865 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.352 mW/g

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.444 mW/g

Maximum value of SAR (measured) = 0.933 mW/g



0 dB = 0.851 mW/g = -1.40 dB mW/g

Plot 203

Date/Time: 2/20/2014 12:04:58 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel; Type: Phone; Serial: INV133601025

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

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r = 51.387$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 19.5C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Retest 2-19/Back 10mm_1RB 2/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.817 mW/g

Retest 2-19/Back 10mm_1RB 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

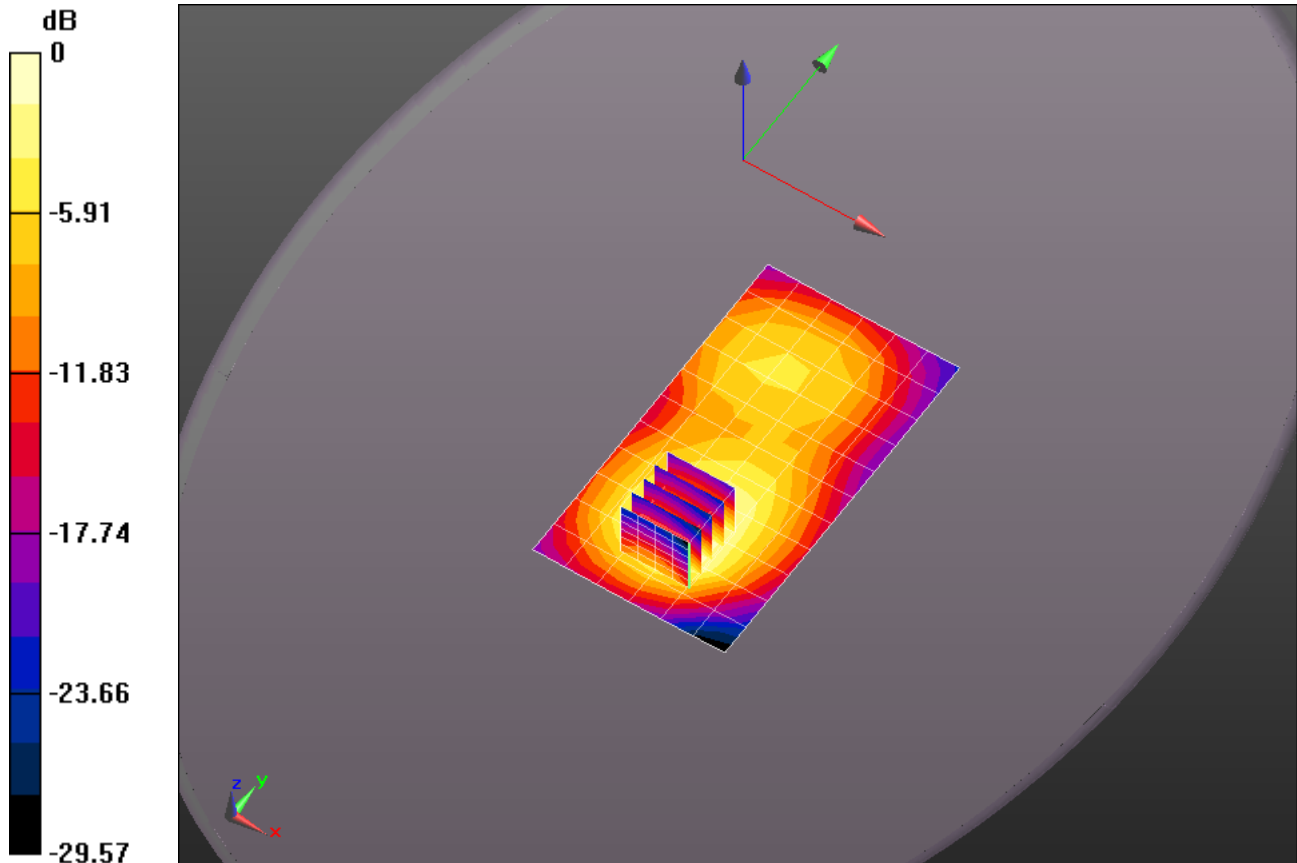
Reference Value = 20.060 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.246 mW/g

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.394 mW/g

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

Maximum value of SAR (measured) = 0.864 mW/g



0 dB = 0.817 mW/g = -1.76 dB mW/g

Plot 204

Date/Time: 1/27/2014 1:02:45 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 836$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 52.802$; $\rho = 1000$ 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: 20C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Front 10mm_1RB_836.5MHz/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.198 mW/g

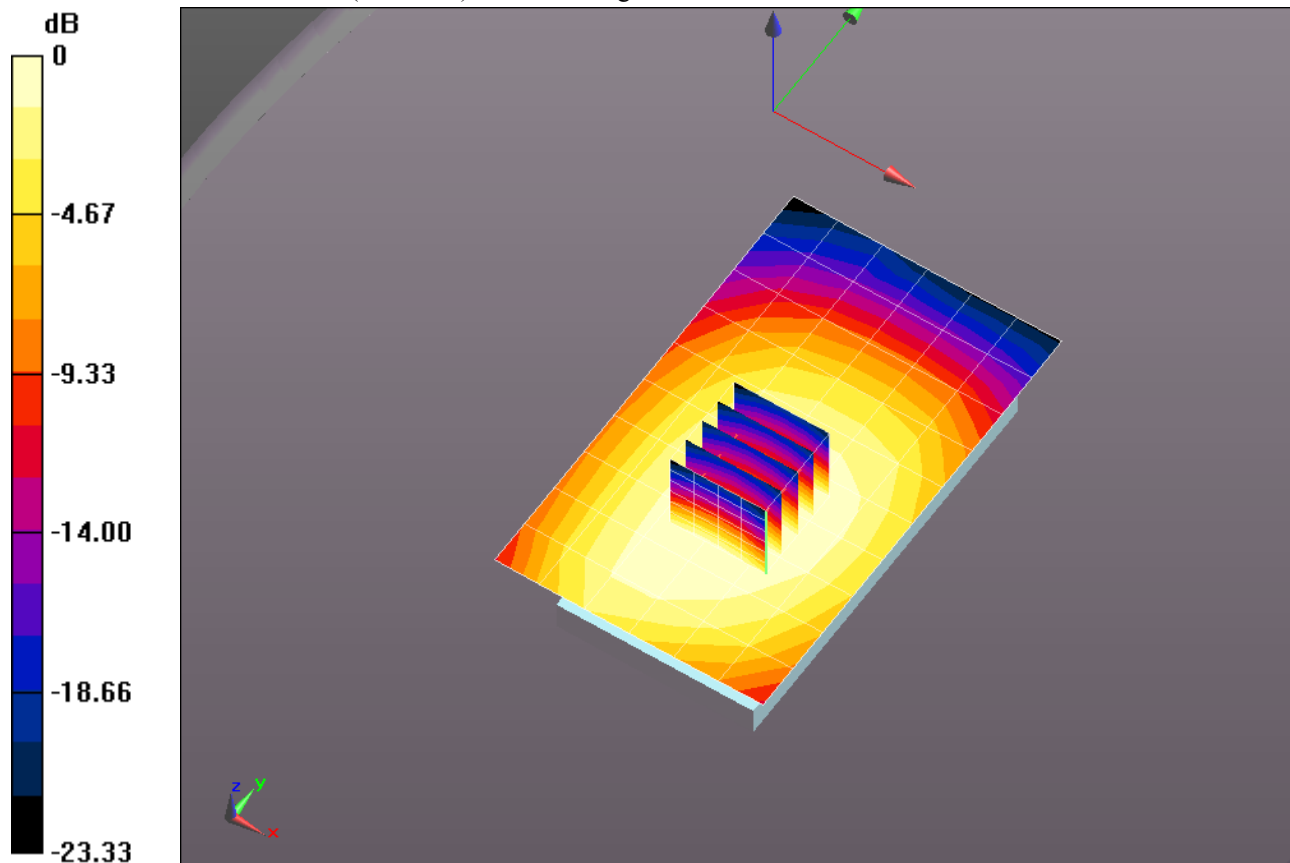
Flat-Section/Front 10mm_1RB_836.5MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.521 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.230 mW/g

SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.203 mW/g



0 dB = 0.198 mW/g = -14.05 dB mW/g

Plot 205

Date/Time: 1/27/2014 1:49:59 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 836$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 52.802$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; Medium Temperature: 20C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section/Back 10mm_1RB_836.5MHz/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.263 mW/g

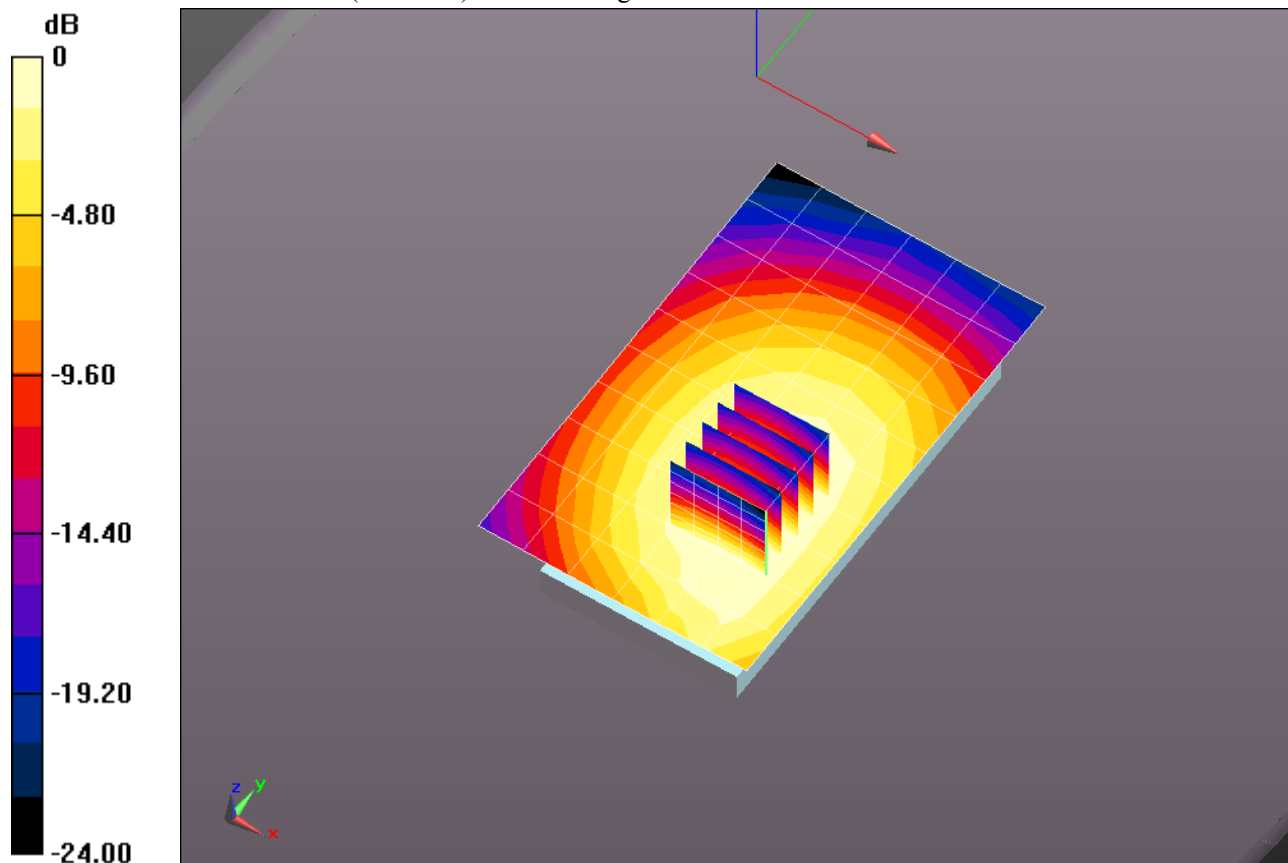
Flat-Section/Back 10mm_1RB_836.5MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.189 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.298 mW/g

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.182 mW/g

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



0 dB = 0.263 mW/g = -11.60 dB mW/g

Plot 206

Date/Time: 1/28/2014 8:38:35 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 836$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 52.802$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 20.2C; Medium Temperature: 20C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Bottom Edge 10mm_1RB_836.5MHz/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0319 mW/g

Flat-Section/Bottom Edge 10mm_1RB_836.5MHz/Zoom Scan (5x6x7)/Cube 0: Measurement grid:

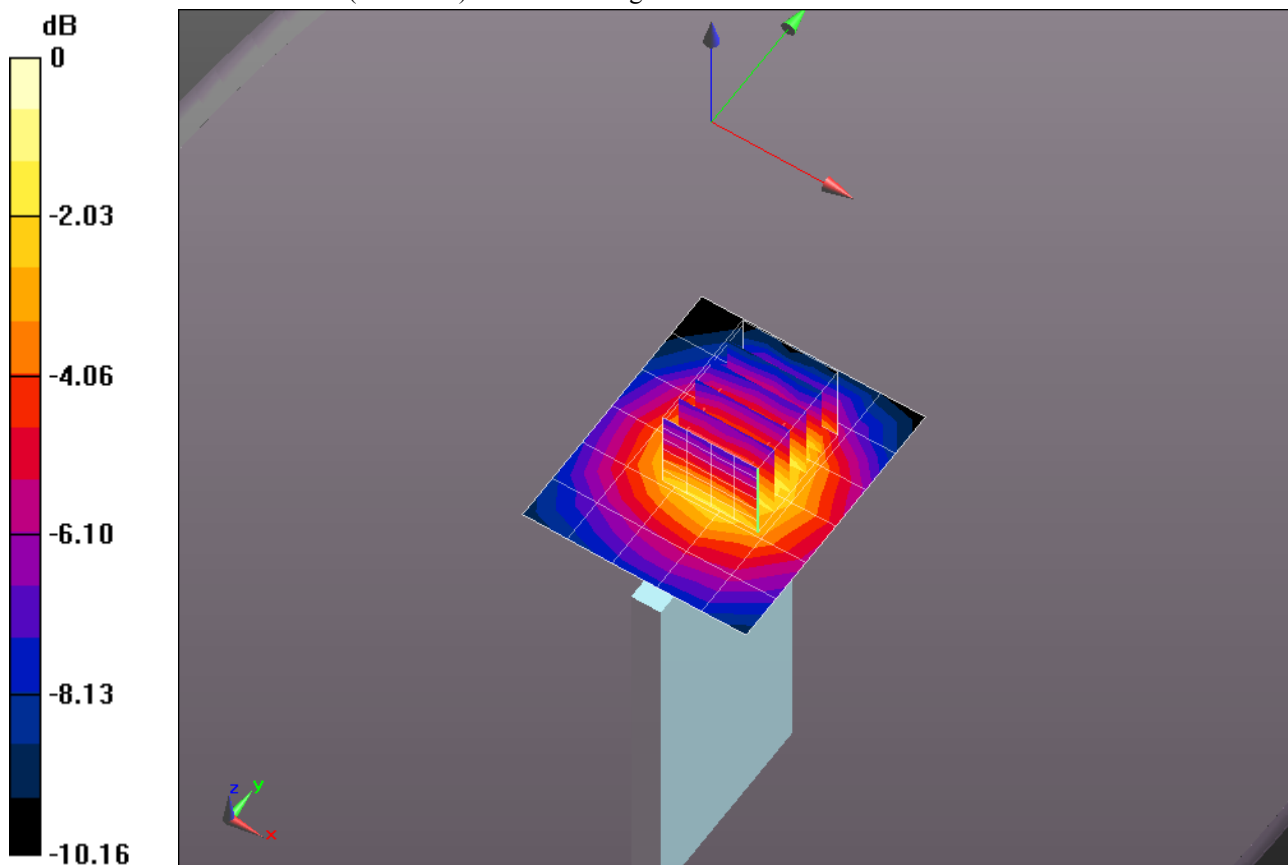
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.106 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.053 mW/g

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.0349 mW/g



0 dB = 0.0319 mW/g = -29.92 dB mW/g

Plot 207

Date/Time: 1/27/2014 2:52:17 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 836$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 52.802$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section/Left Edge 10mm_1RB_836.5MHz/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.214 mW/g

Flat-Section/Left Edge 10mm_1RB_836.5MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

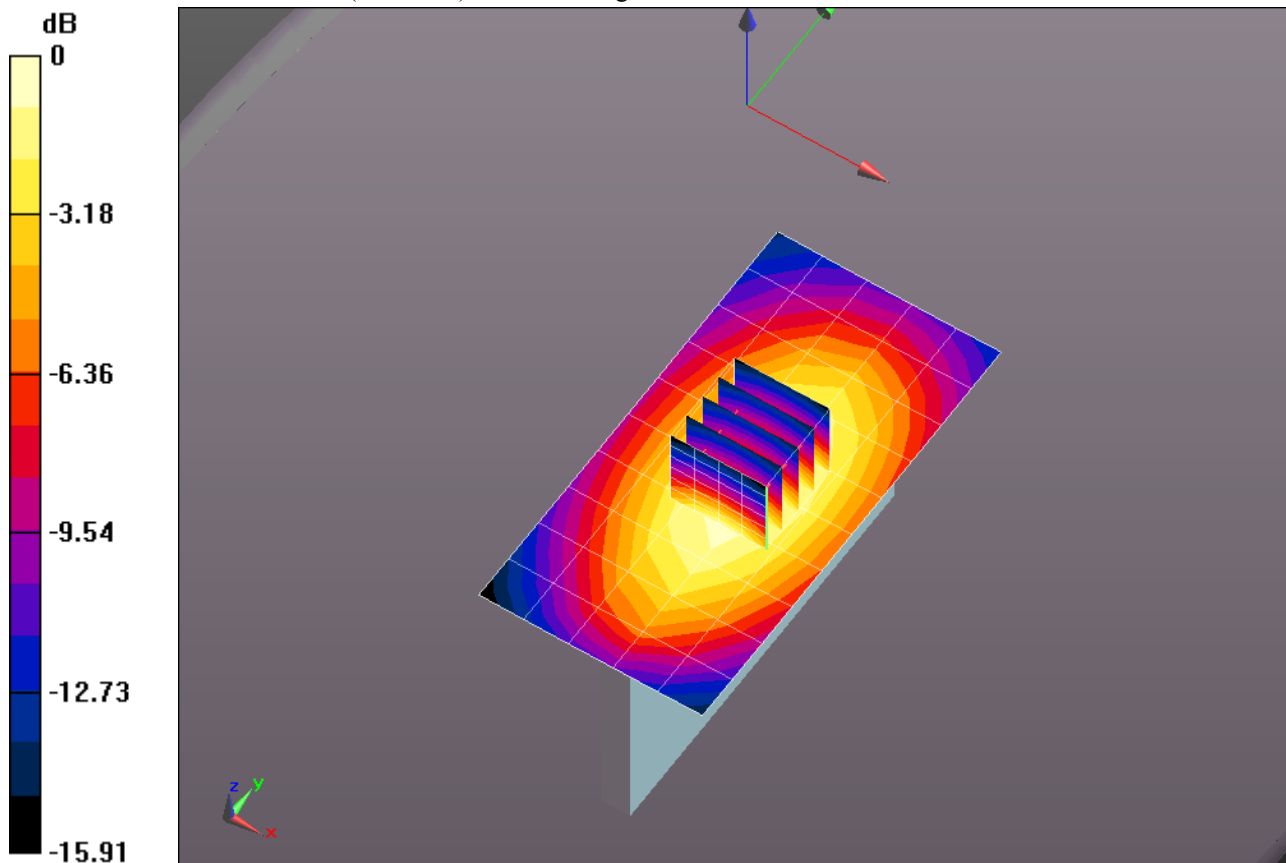
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.871 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.262 mW/g

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.218 mW/g



0 dB = 0.214 mW/g = -13.41 dB mW/g

Plot 208

Date/Time: 1/27/2014 2:33:47 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 836$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 52.802$; $\rho = 1000$ 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: 20C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Right Edge 10mm_1RB_836.5MHz/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.142 mW/g

Flat-Section/Right Edge 10mm_1RB_836.5MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

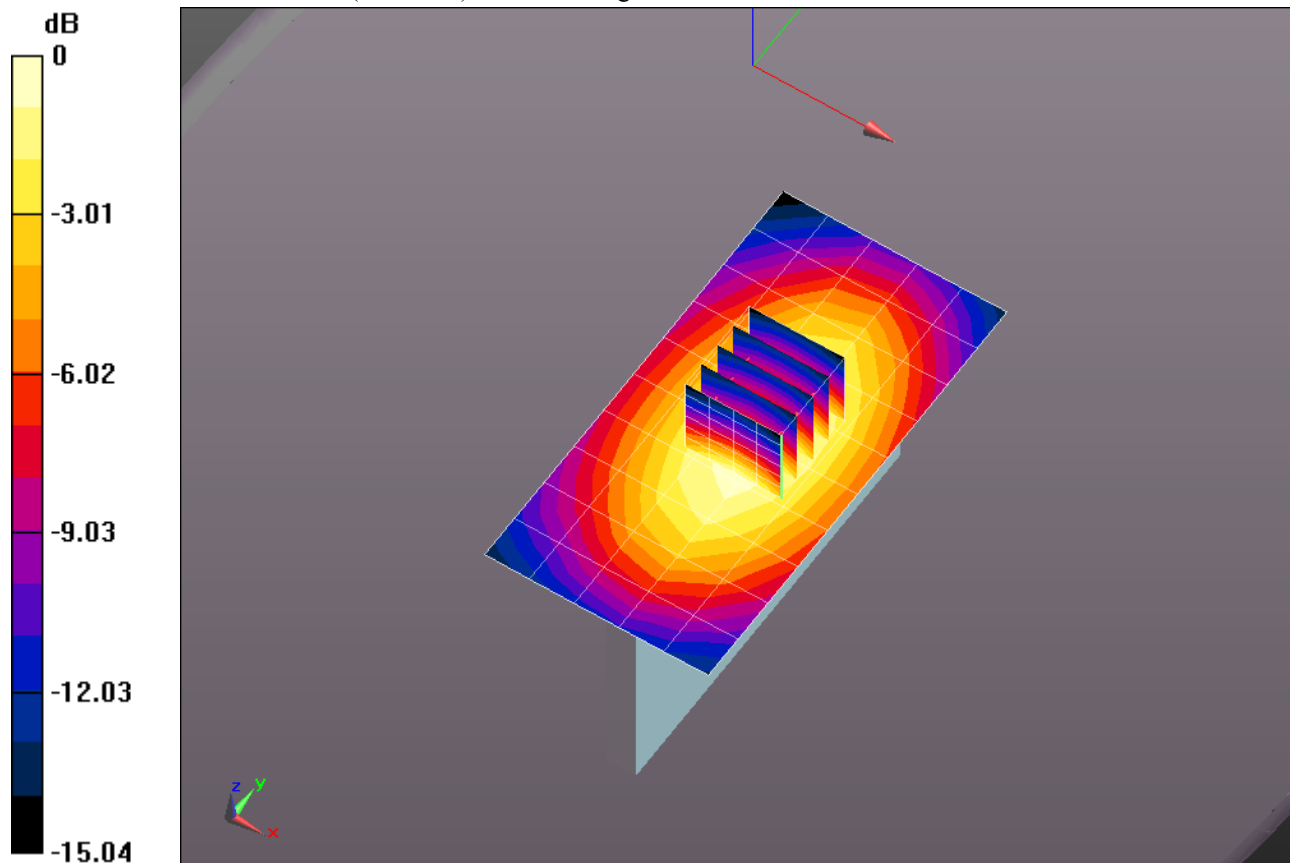
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.841 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.181 mW/g

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.092 mW/g

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



0 dB = 0.142 mW/g = -16.98 dB mW/g

Plot 209

Date/Time: 1/27/2014 3:26:17 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 836$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 52.802$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.7C; Medium Temperature: 20C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Front 10mm_25RB_836.5MHz/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.241 mW/g

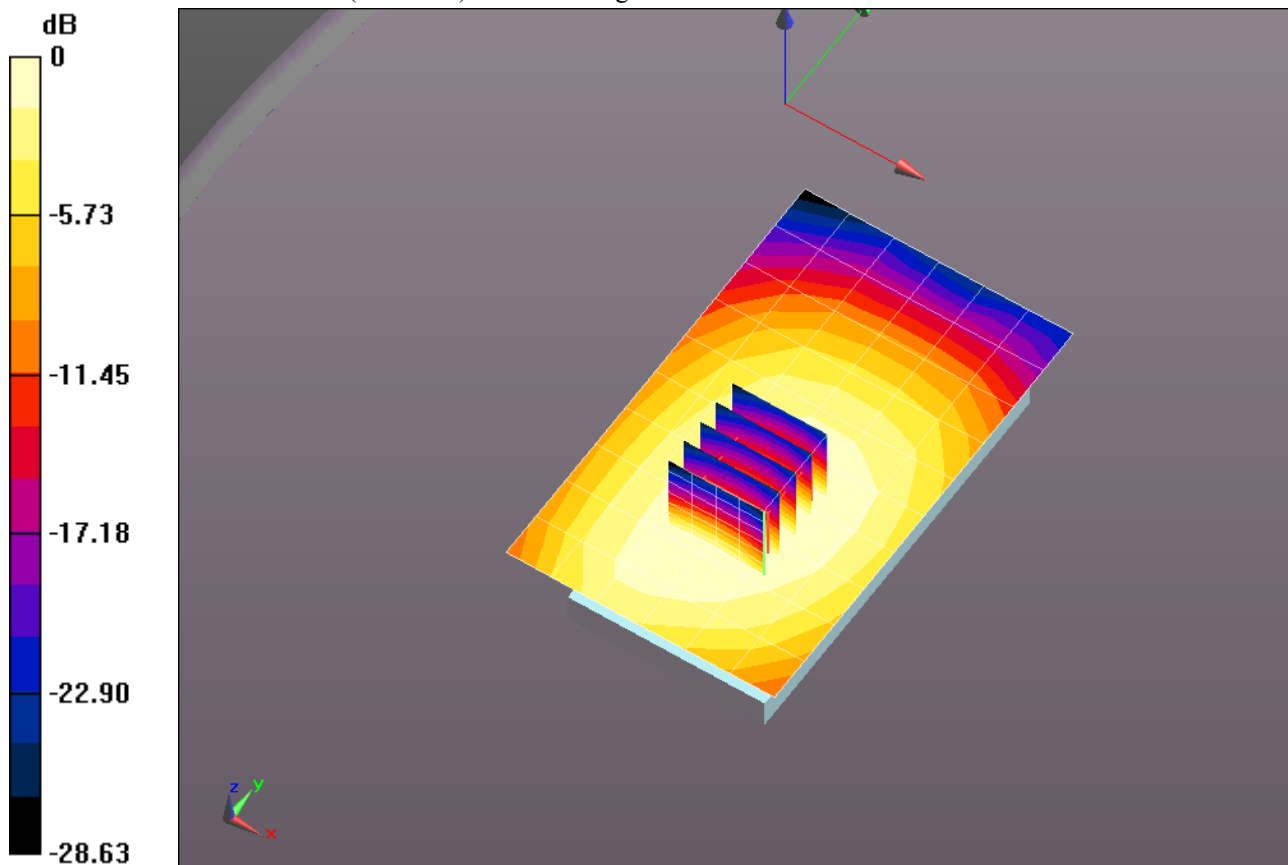
Flat-Section/Front 10mm_25RB_836.5MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.366 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.279 mW/g

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.241 mW/g = -12.37 dB mW/g

Plot 210

Date/Time: 1/27/2014 2:03:10 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 836$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 52.802$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.2C; Medium Temperature: 20C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section/Back 10mm_25RB_836.5MHz/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

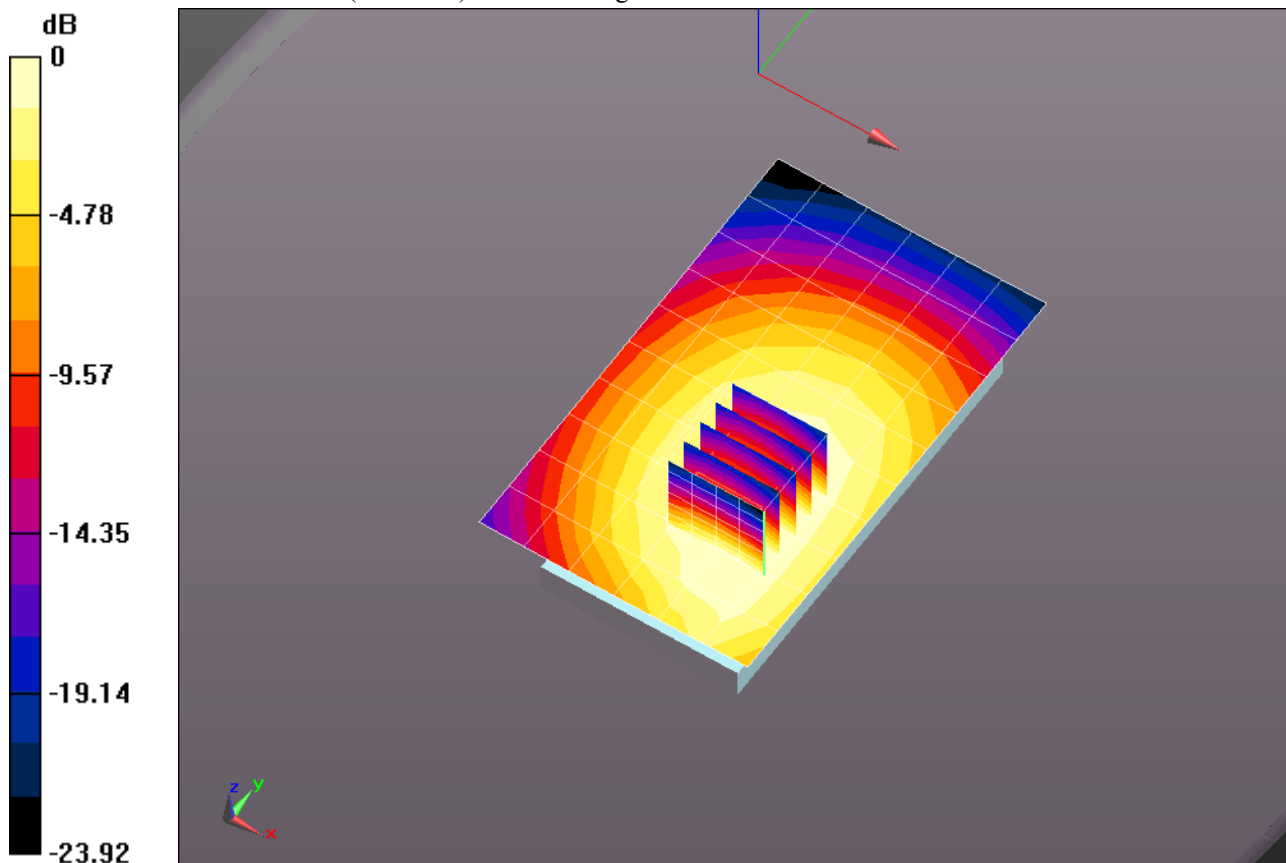
Flat-Section/Back 10mm_25RB_836.5MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.269 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.356 mW/g

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.311 mW/g



0 dB = 0.308 mW/g = -10.23 dB mW/g

Plot 211

Date/Time: 1/27/2014 3:51:28 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 836$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 52.802$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.7C; Medium Temperature: 20C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Bottom Edge 10mm_25RB_836.5MHz/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0347 mW/g

Flat-Section/Bottom Edge 10mm_25RB_836.5MHz/Zoom Scan (5x6x7)/Cube 0: Measurement grid:

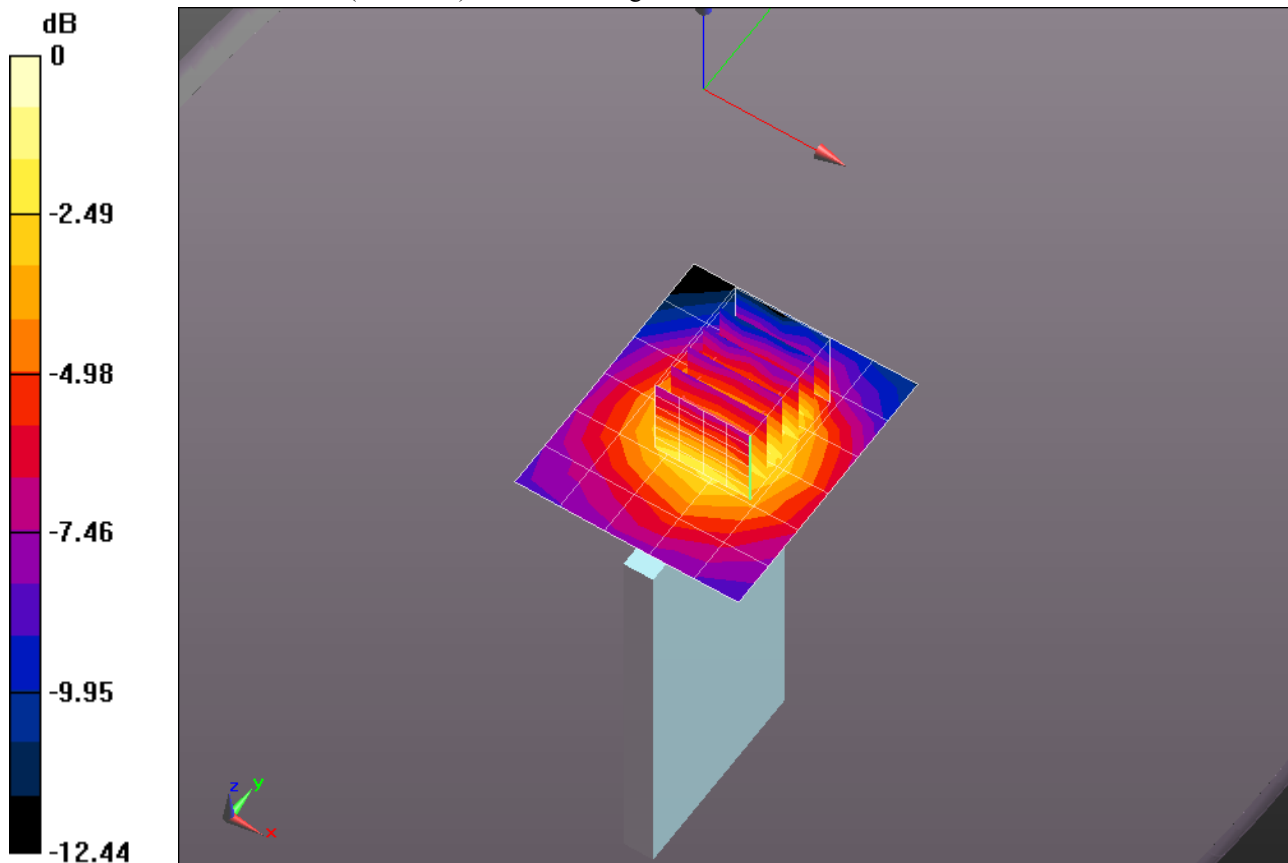
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.109 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.060 mW/g

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.0392 mW/g



0 dB = 0.0347 mW/g = -29.20 dB mW/g

Plot 212

Date/Time: 1/27/2014 3:07:26 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 836$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 52.802$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Left Edge 10mm_25RB_836.5MHz/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.295 mW/g

Flat-Section/Left Edge 10mm_25RB_836.5MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

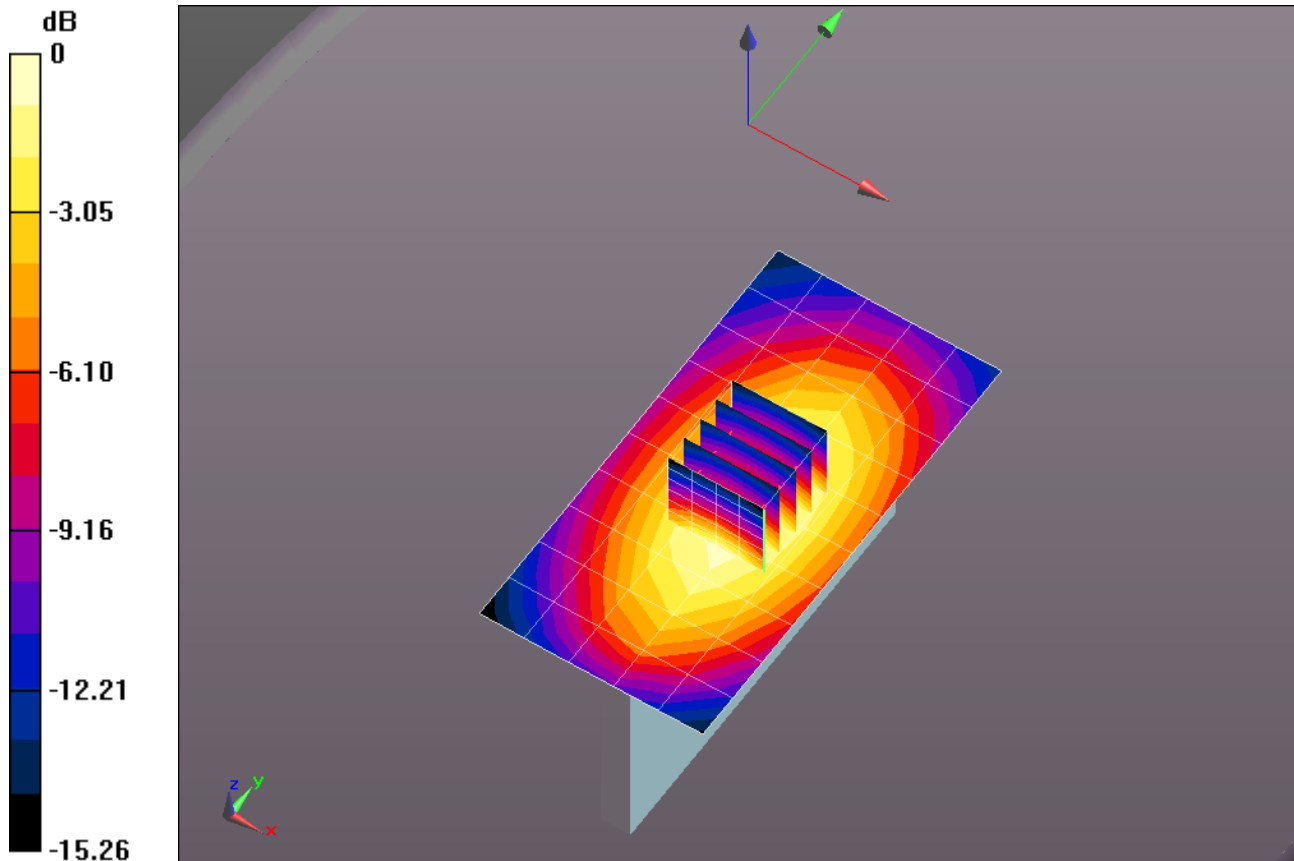
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.155 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.356 mW/g

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.297 mW/g



0 dB = 0.295 mW/g = -10.61 dB mW/g

Plot 213

Date/Time: 1/27/2014 2:18:22 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 836$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 52.802$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.3C; Medium Temperature: 20C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Right Edge 10mm_25RB_836.5MHz/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.197 mW/g

Flat-Section/Right Edge 10mm_25RB_836.5MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

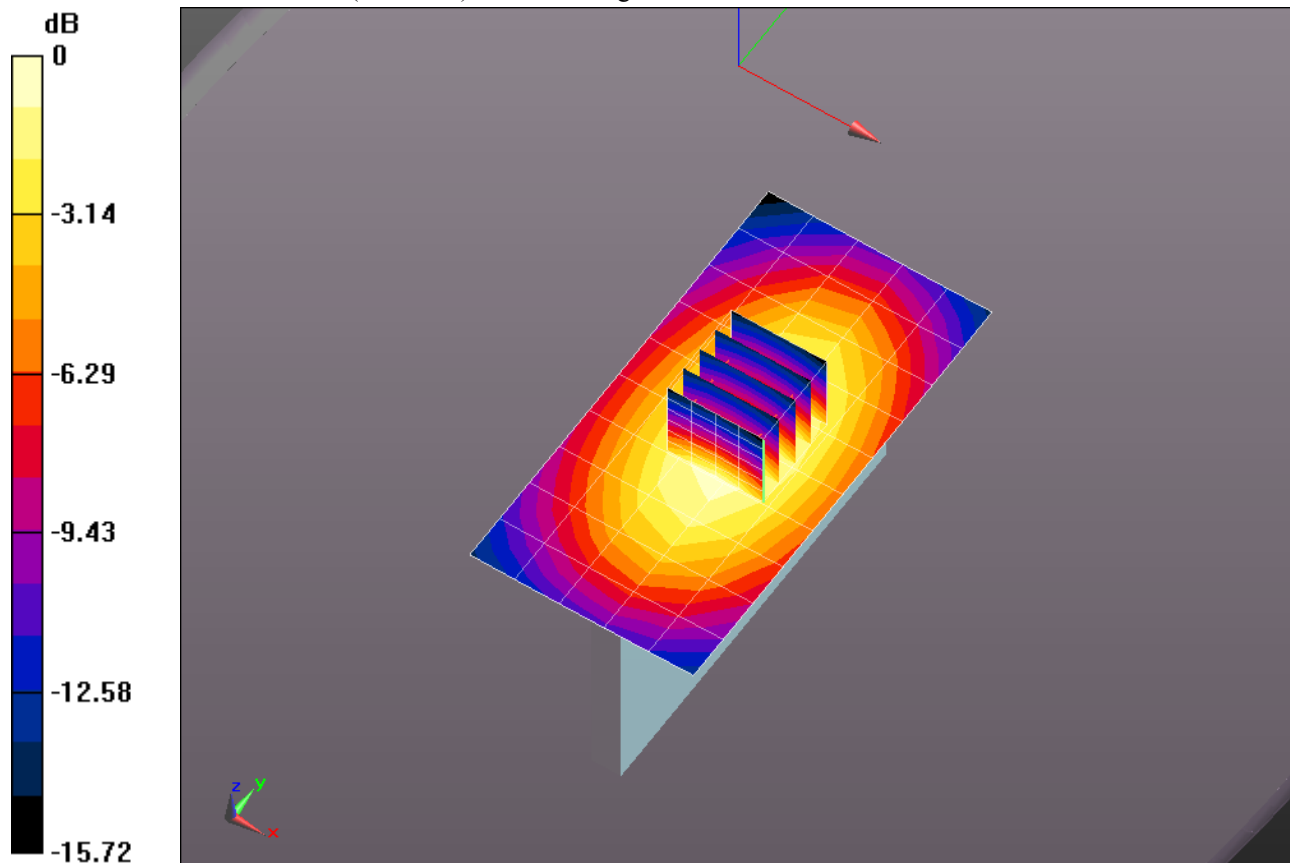
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.158 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.243 mW/g

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.201 mW/g



0 dB = 0.197 mW/g = -14.11 dB mW/g

Plot 214

Date/Time: 2/23/2014 12:26:04 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.3C; Medium Temperature: 20.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Ceramic_Flat/Front 10mm_1RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.374 mW/g

Ceramic_Flat/Front 10mm_1RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

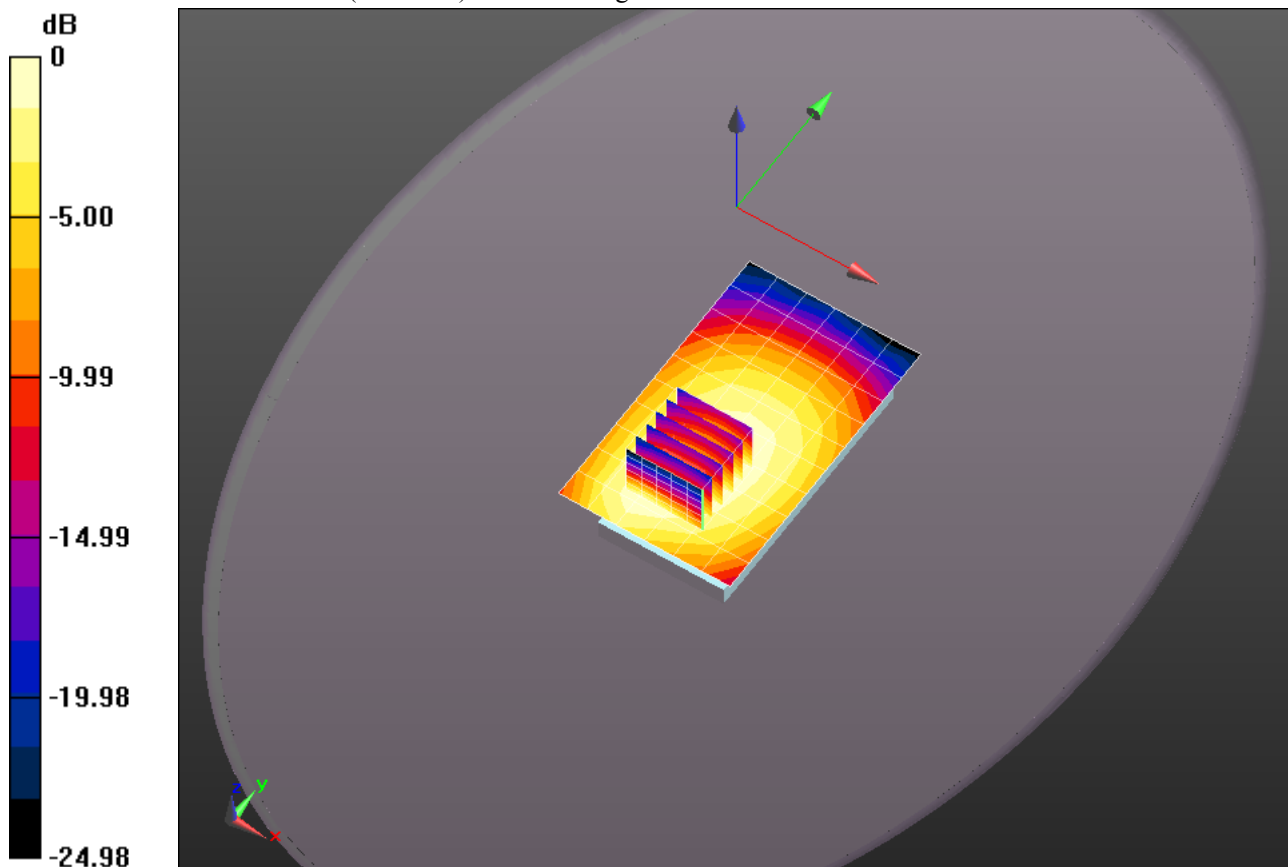
Reference Value = 19.908 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.446 mW/g

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.260 mW/g

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

Maximum value of SAR (measured) = 0.377 mW/g



0 dB = 0.374 mW/g = -8.55 dB mW/g

Plot 215

Date/Time: 2/23/2014 1:35:10 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.6C; Medium Temperature: 20.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Back 10mm_1RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.488 mW/g

Ceramic_Flat/Back 10mm_1RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

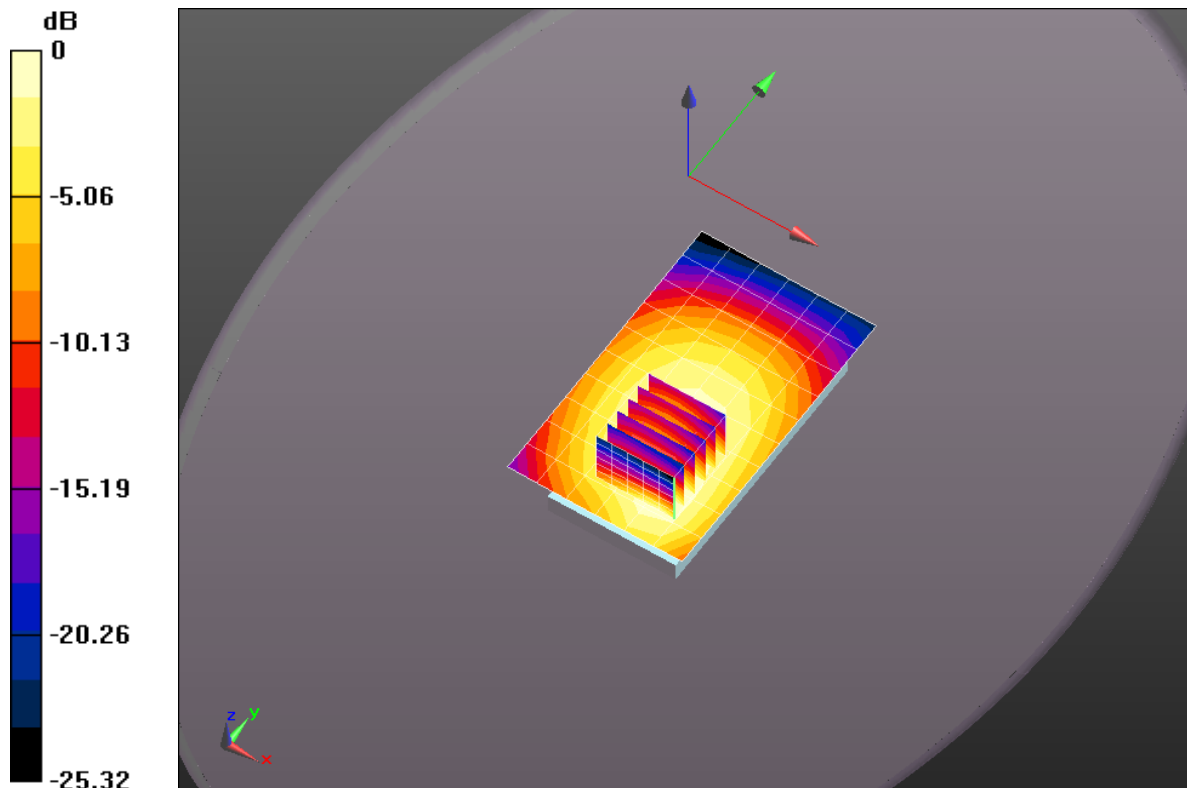
Reference Value = 21.737 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.622 mW/g

SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.332 mW/g

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

Maximum value of SAR (measured) = 0.504 mW/g



0 dB = 0.488 mW/g = -6.22 dB mW/g

Plot 216

Date/Time: 2/23/2014 2:09:08 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.6C; Medium Temperature: 20C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Bottom 10mm_1RB/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.0348 mW/g

Ceramic_Flat/Bottom 10mm_1RB/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

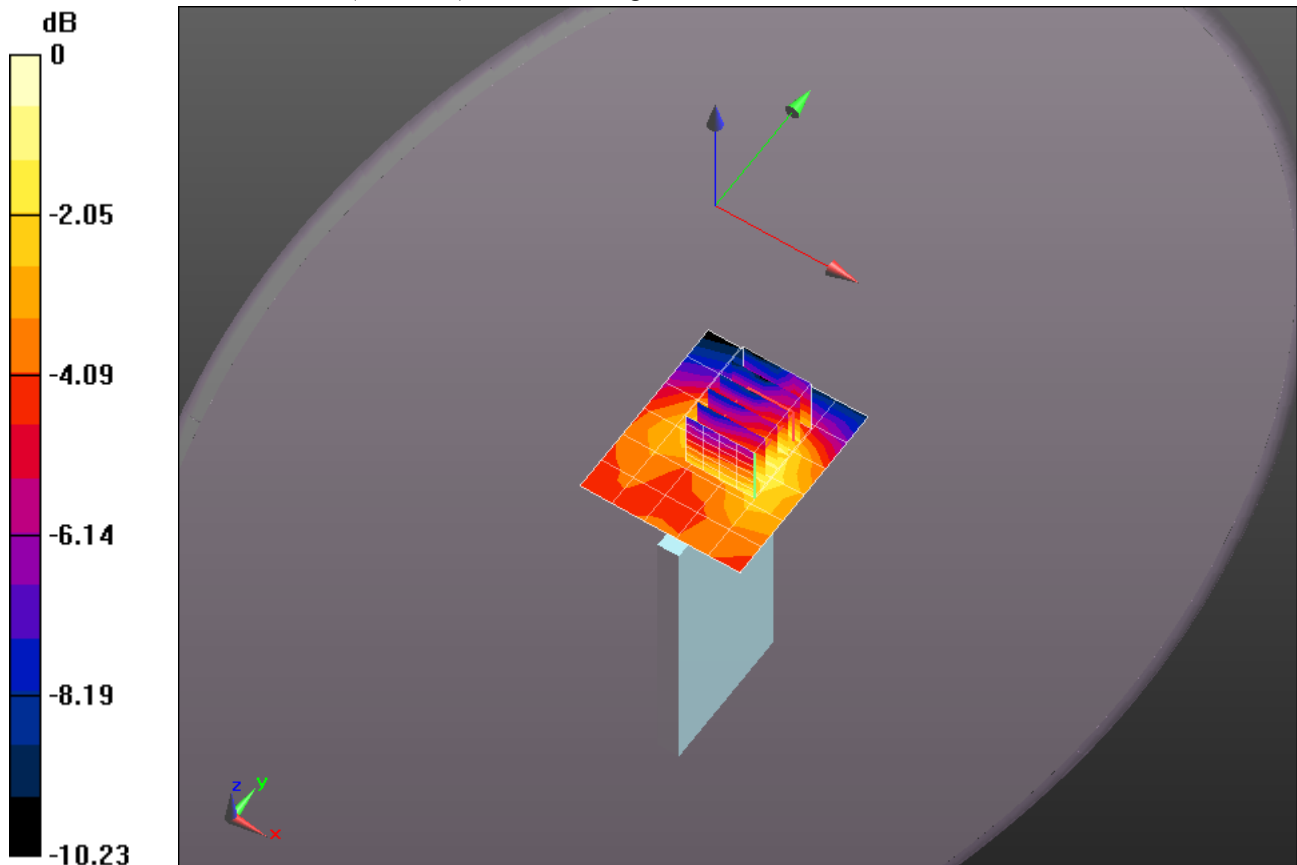
Reference Value = 4.428 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.062 mW/g

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.016 mW/g

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

Maximum value of SAR (measured) = 0.0365 mW/g



0 dB = 0.0348 mW/g = -29.17 dB mW/g

Plot 217

Date/Time: 2/23/2014 2:37:59 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.6C; Medium Temperature: 20.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Left 10mm_1RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.300 mW/g

Ceramic_Flat/Left 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

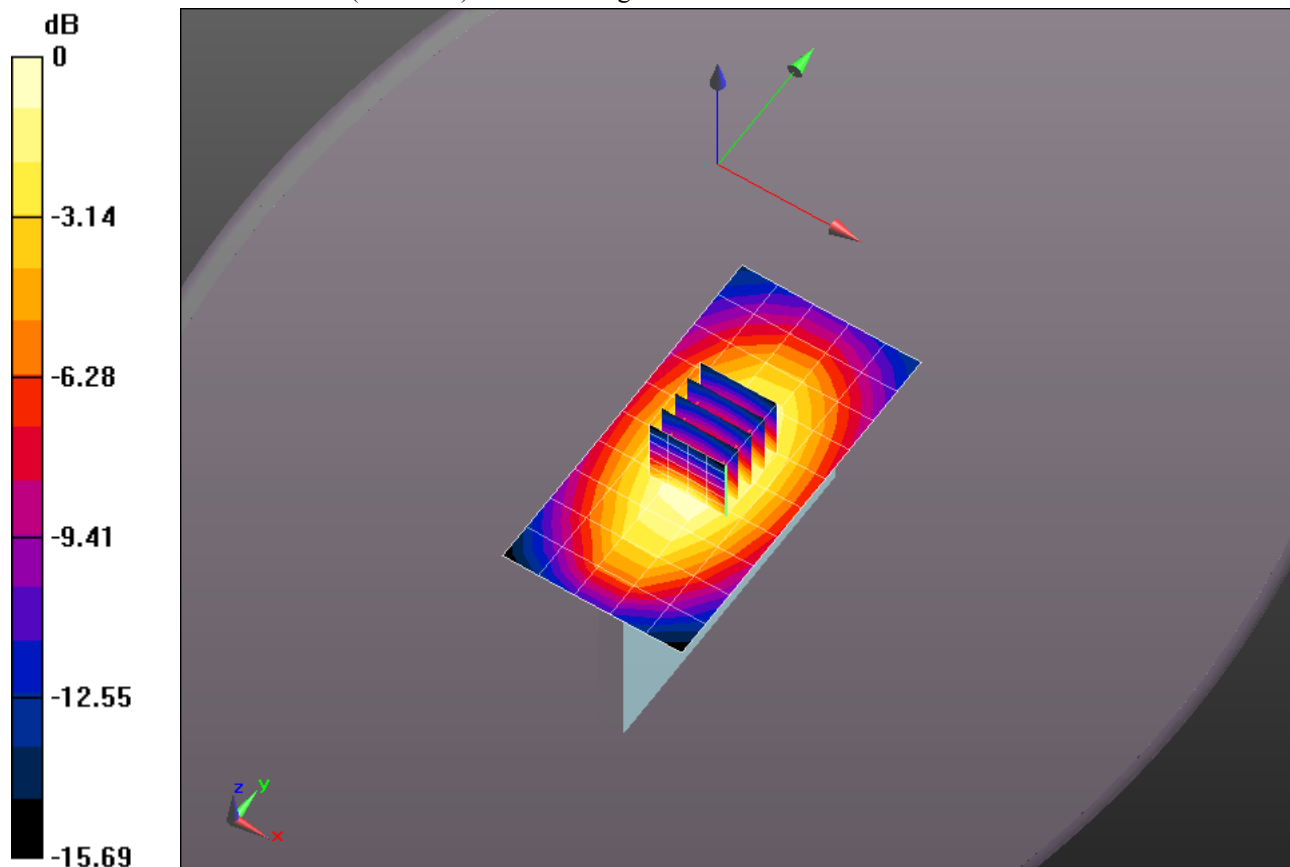
Reference Value = 18.676 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.378 mW/g

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.190 mW/g

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

Maximum value of SAR (measured) = 0.313 mW/g



0 dB = 0.300 mW/g = -10.45 dB mW/g

Plot 218

Date/Time: 2/23/2014 3:08:21 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.7C; Medium Temperature: 20.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS52 52.8.1(838);

Ceramic_Flat/Right 10mm_1RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.217 mW/g

Ceramic_Flat/Right 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

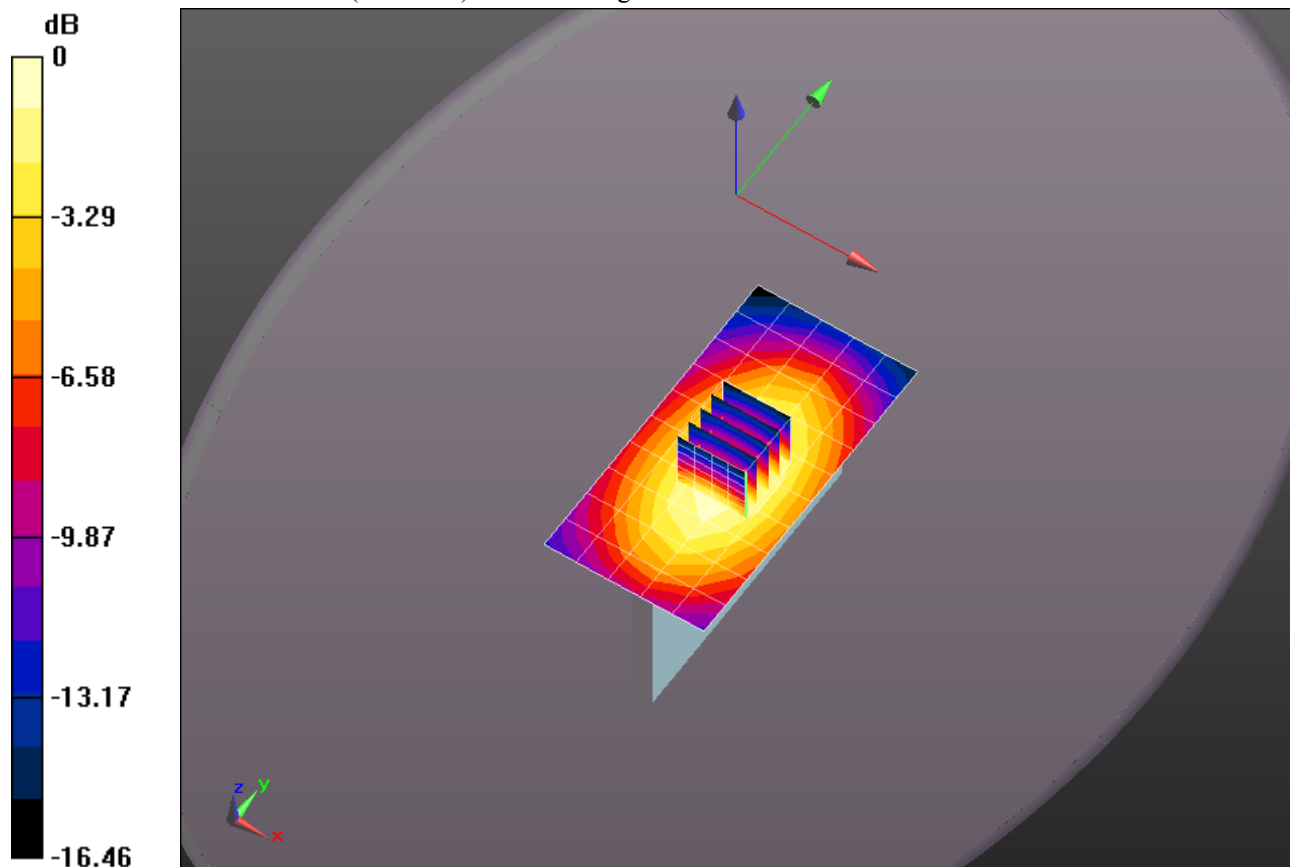
Reference Value = 15.147 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.270 mW/g

SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.137 mW/g

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

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



0 dB = 0.217 mW/g = -13.28 dB mW/g

Plot 219

Date/Time: 2/23/2014 12:56:33 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.4C; Medium Temperature: 20.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Front 10mm_25RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.255 mW/g

Ceramic_Flat/Front 10mm_25RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

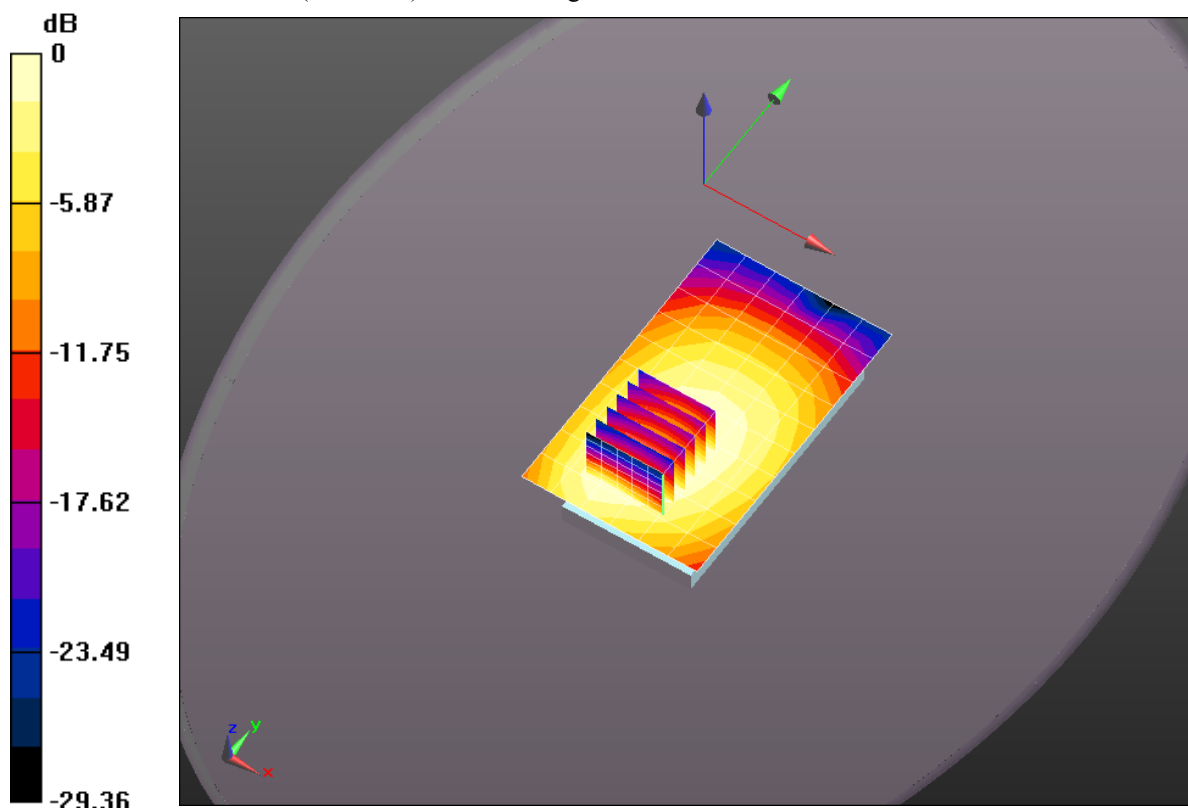
Reference Value = 16.311 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.308 mW/g

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.179 mW/g

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

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



0 dB = 0.255 mW/g = -11.86 dB mW/g

Plot 220

Date/Time: 2/23/2014 1:50:38 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.6C; Medium Temperature: 20.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Back 10mm_25RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.343 mW/g

Ceramic_Flat/Back 10mm_25RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

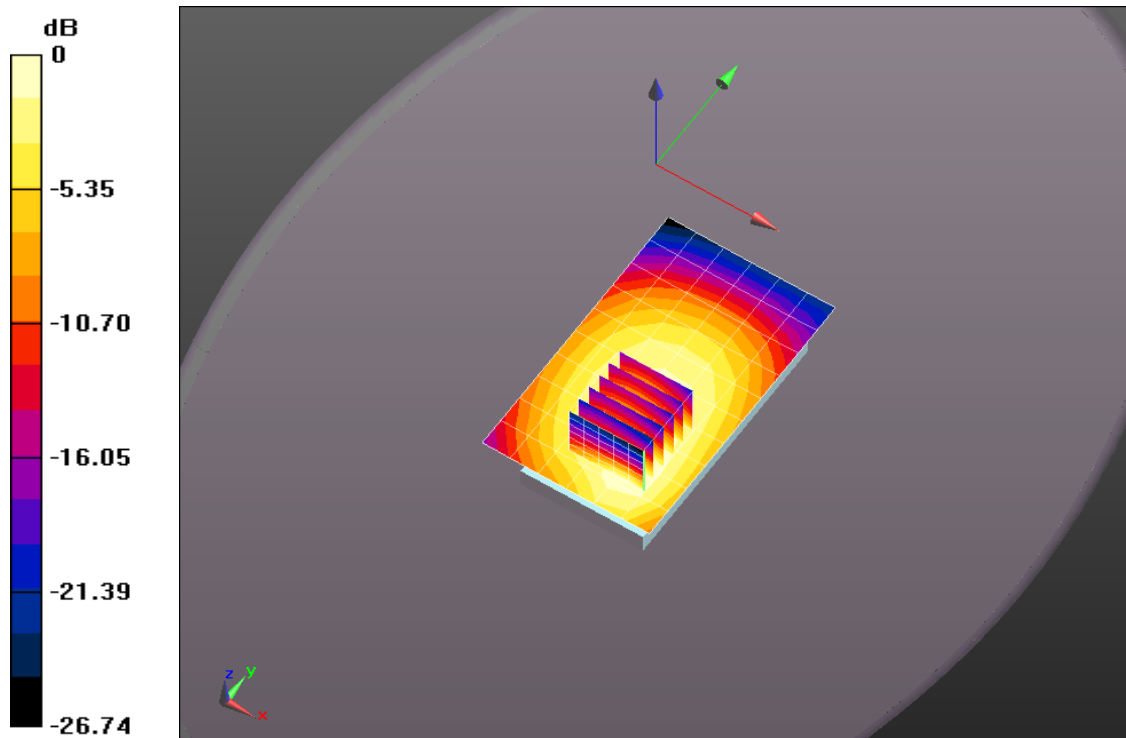
Reference Value = 18.104 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.425 mW/g

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.227 mW/g

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

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



0 dB = 0.343 mW/g = -9.30 dB mW/g

Plot 221

Date/Time: 2/23/2014 2:23:07 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.7C; Medium Temperature: 20.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Ceramic_Flat/Bottom 10mm_25RB/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.0266 mW/g

Ceramic_Flat/Bottom 10mm_25RB/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

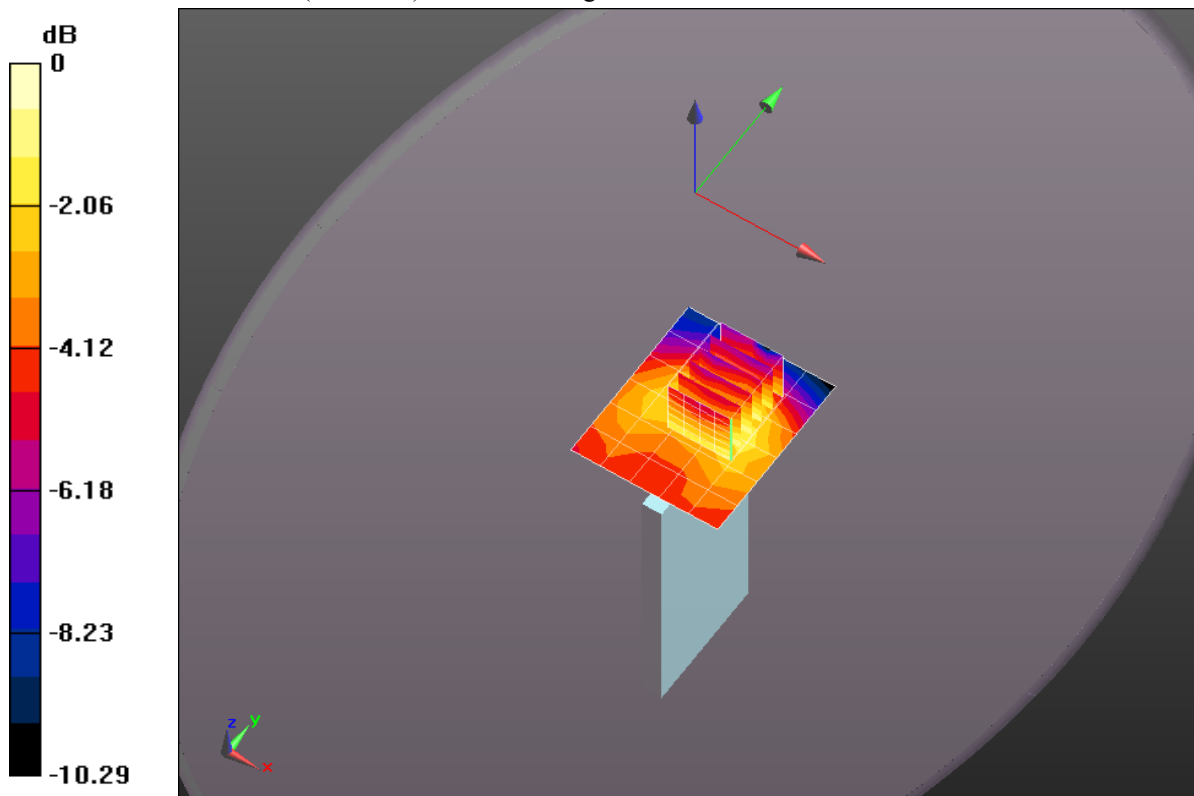
Reference Value = 3.893 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.043 mW/g

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.011 mW/g

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

Maximum value of SAR (measured) = 0.0256 mW/g



0 dB = 0.0266 mW/g = -31.52 dB mW/g

Plot 222

Date/Time: 2/23/2014 2:53:57 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.6C; Medium Temperature: 20C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Ceramic_Flat/Left 10mm_25RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

Ceramic_Flat/Left 10mm_25RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

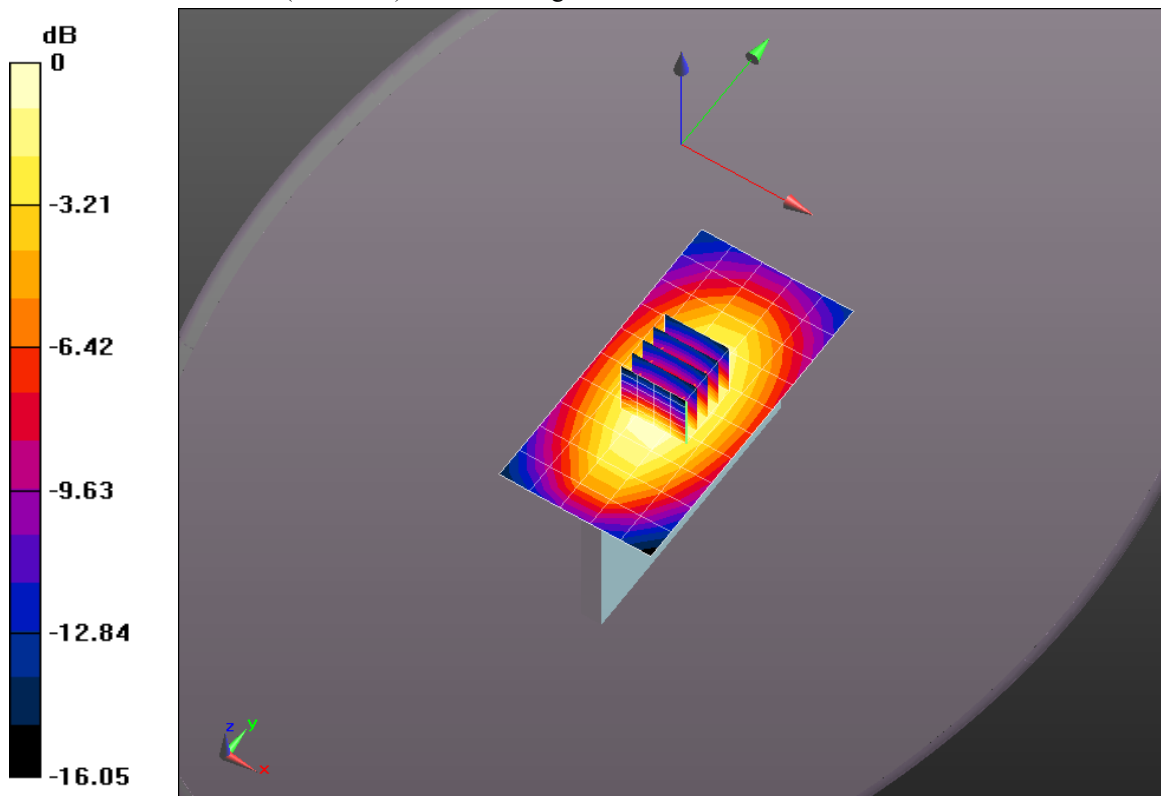
Reference Value = 15.761 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.284 mW/g

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.144 mW/g

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

Maximum value of SAR (measured) = 0.234 mW/g



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

Plot 223

Date/Time: 2/23/2014 3:25:36 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.7C; Medium Temperature: 20.6C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Right 10mm_25RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.158 mW/g

Ceramic_Flat/Right 10mm_25RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

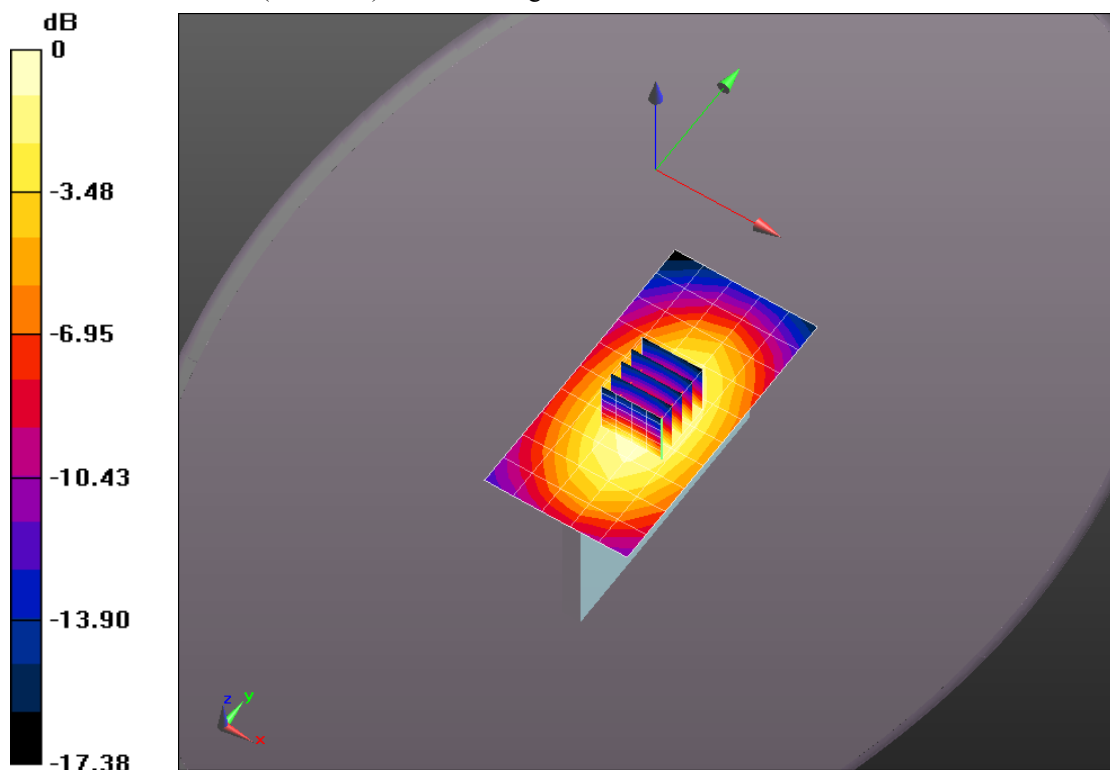
Reference Value = 12.865 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.199 mW/g

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.100 mW/g

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

Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.158 mW/g = -16.04 dB mW/g

Plot 224

Date/Time: 2/7/2014 10:40:55 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600668

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.142$ mho/m; $\epsilon_r = 51.373$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.1C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section MSL/Front 10mm_1RB_2535MHz/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.547 mW/g

Flat-Section MSL/Front 10mm_1RB_2535MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

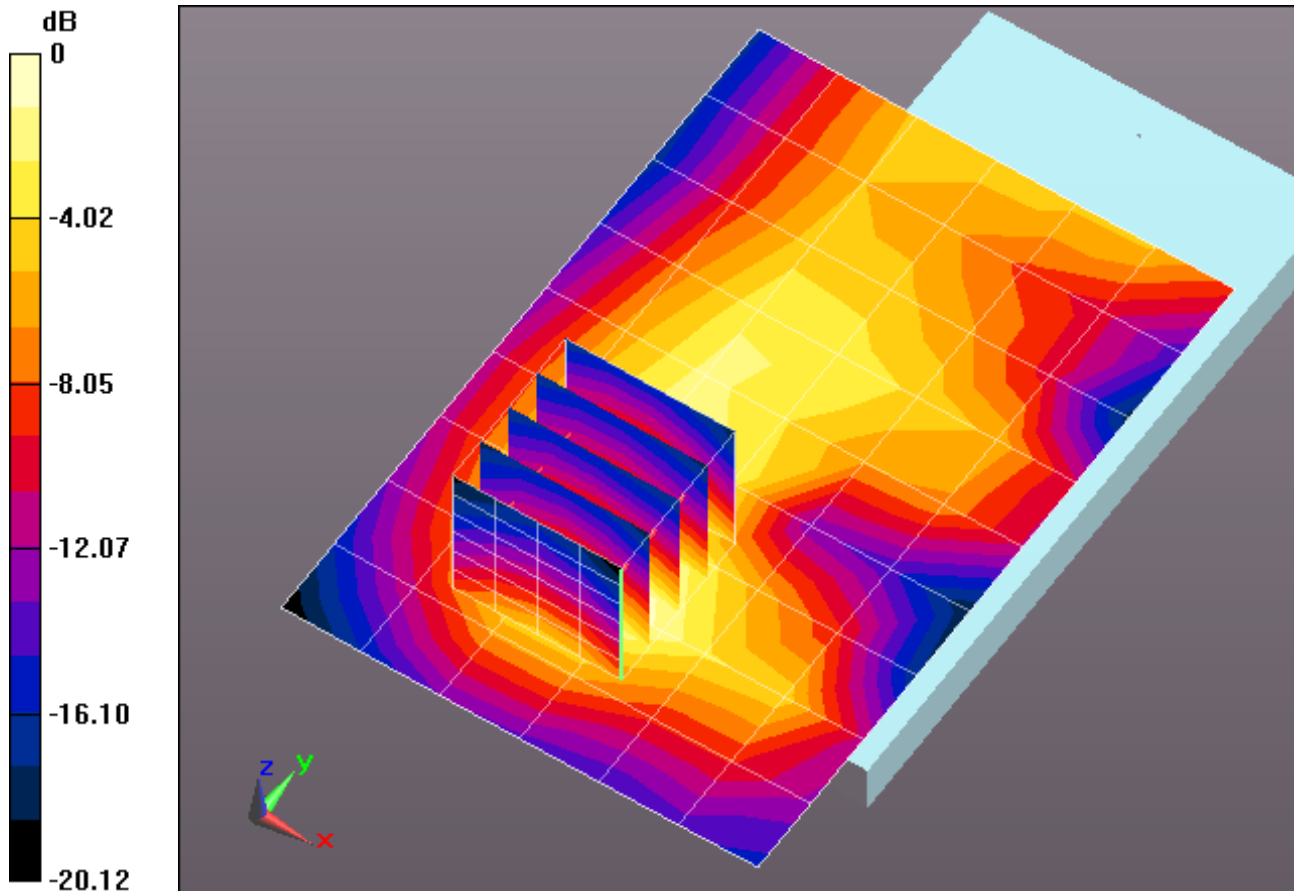
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.384 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.150 mW/g

SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.695 mW/g



0 dB = 0.547 mW/g = -5.24 dB mW/g

Plot 225

Date/Time: 2/7/2014 4:08:51 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600668

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.142$ mho/m; $\epsilon_r = 51.373$; $\rho = 1000$ 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: 20.9C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section MSL/WC_Repeatability_Back 10mm_1RB_2535MHz/Area Scan (7x9x1): Measurement

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

Maximum value of SAR (measured) = 0.857 mW/g

Flat-Section MSL/WC_Repeatability_Back 10mm_1RB_2535MHz/Zoom Scan (5x5x7)/Cube 0:

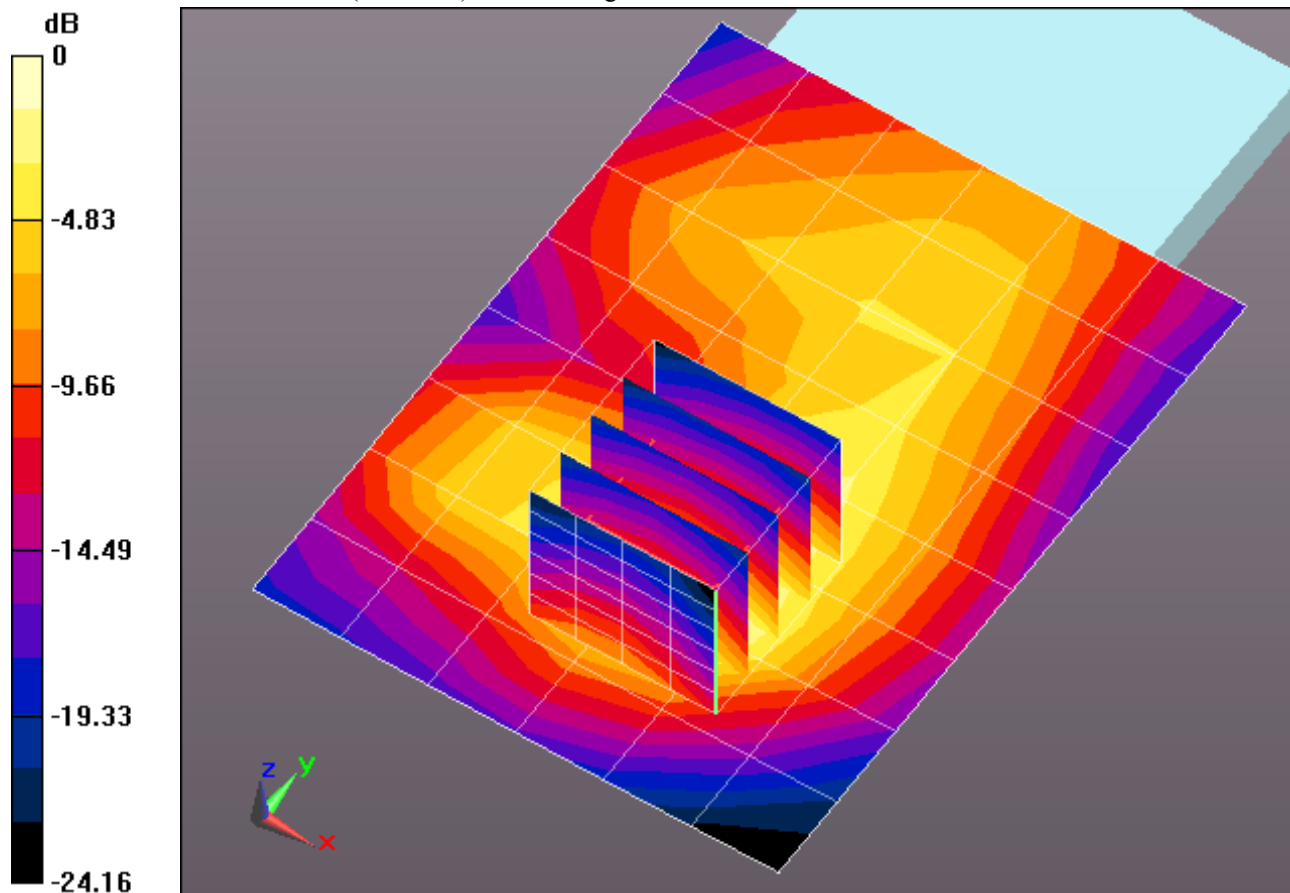
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.178 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.042 mW/g

SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.394 mW/g

Maximum value of SAR (measured) = 1.24 mW/g



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

Plot 226

Date/Time: 2/7/2014 9:05:29 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600668

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.142$ mho/m; $\epsilon_r = 51.373$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 20.5C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section MSL/Bottom Edge 10mm_1RB_2535MHz/Area Scan (6x7x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.431 mW/g

Flat-Section MSL/Bottom Edge 10mm_1RB_2535MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

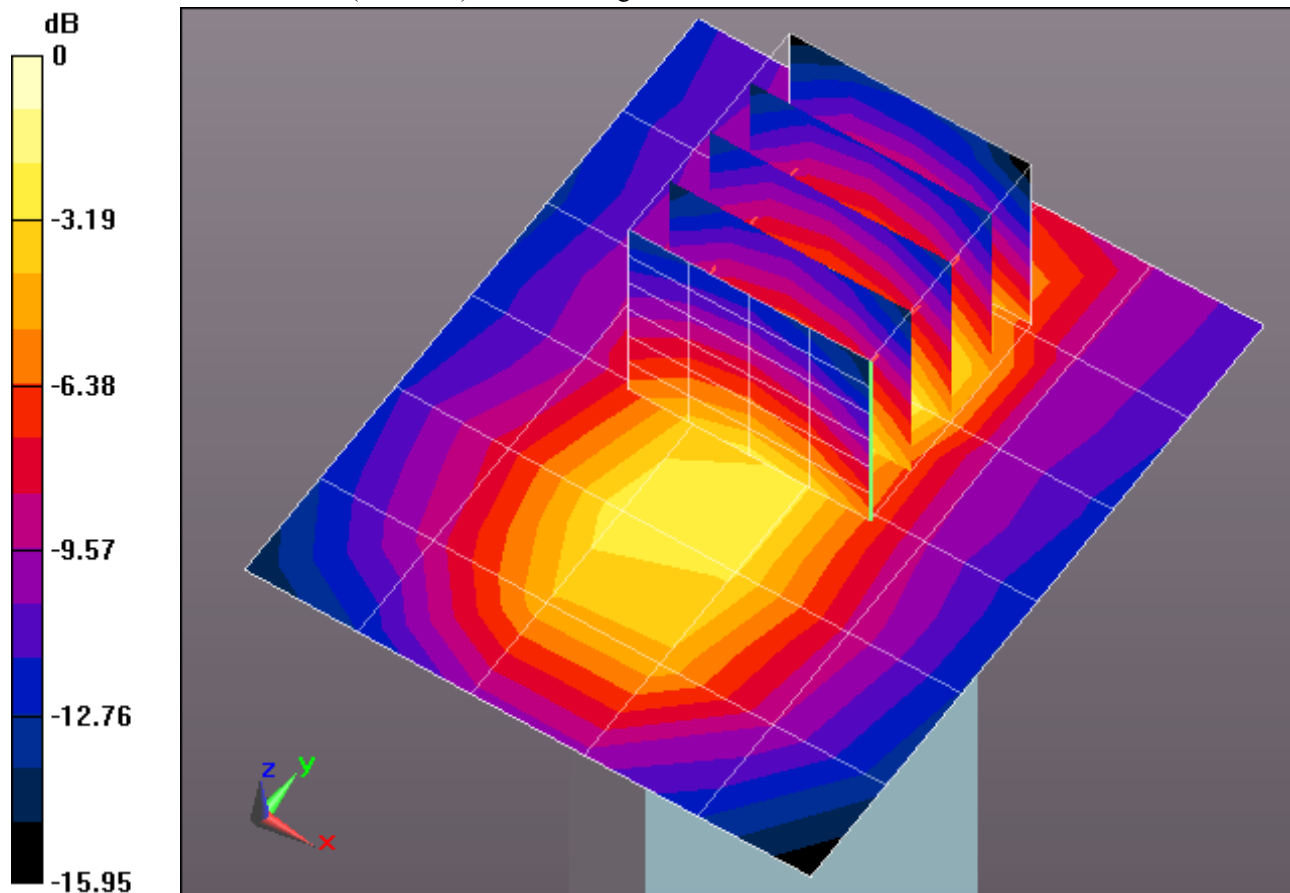
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.686 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.101 mW/g

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.662 mW/g



0 dB = 0.431 mW/g = -7.30 dB mW/g

Plot 227

Date/Time: 2/7/2014 9:41:06 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600668

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.142$ mho/m; $\epsilon_r = 51.373$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 20.7C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS52 52.8.1(838);

Flat-Section MSL/Left Edge 10mm_1RB_2535MHz/Area Scan (6x11x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.445 mW/g

Flat-Section MSL/Left Edge 10mm_1RB_2535MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 14.017 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.798 mW/g

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 0.517 mW/g

Flat-Section MSL/Left Edge 10mm_1RB_2535MHz/Zoom Scan (5x5x7)/Cube 1: Measurement grid:

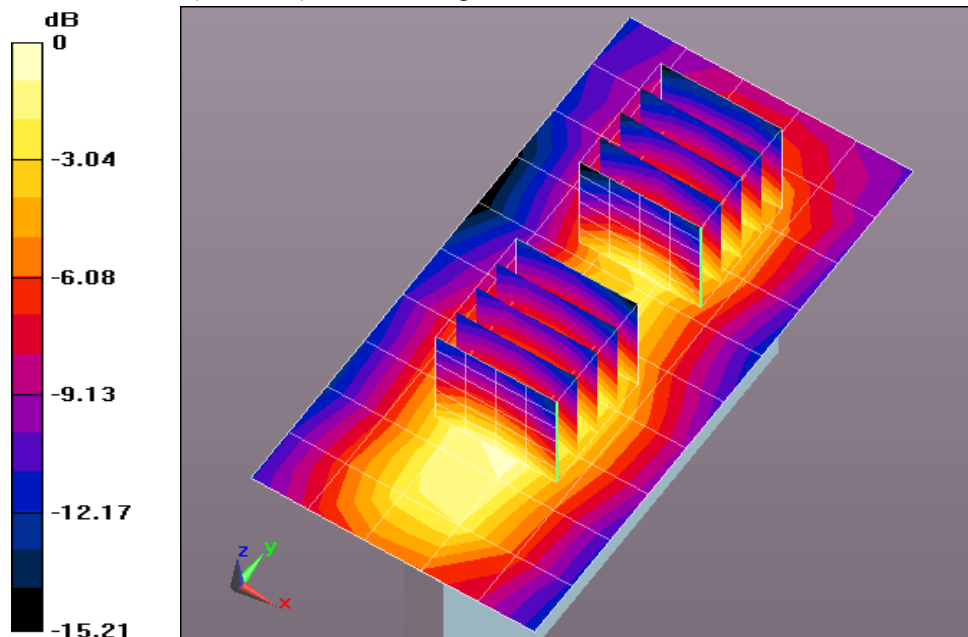
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.017 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.659 mW/g

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.176 mW/g

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



0 dB = 0.445 mW/g = -7.03 dB mW/g

Plot 228

Date/Time: 2/7/2014 12:24:21 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.142$ mho/m; $\epsilon_r = 51.373$; $\rho = 1000$ 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: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section MSL 1/Right Edge 10mm_1RB_2535MHz/Area Scan (6x16x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.0649 mW/g

Flat-Section MSL 1/Right Edge 10mm_1RB_2535MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

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

Reference Value = 4.752 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.109 mW/g

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.0709 mW/g

Flat-Section MSL 1/Right Edge 10mm_1RB_2535MHz/Zoom Scan (5x5x7)/Cube 1: Measurement

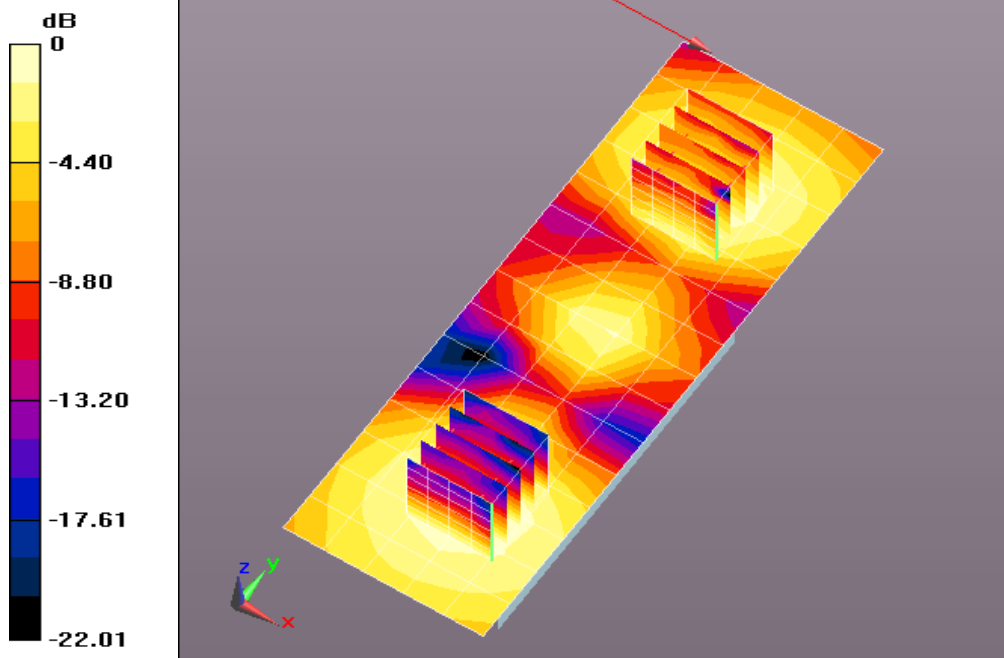
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.752 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.102 mW/g

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.0641 mW/g



0 dB = 0.0649 mW/g = -23.76 dB mW/g

Plot 229

Date/Time: 2/7/2014 2:11:47 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2510 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.095$ mho/m; $\epsilon_r = 51.366$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section MSL 1/Back 10mm_1RB_2510MHz/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

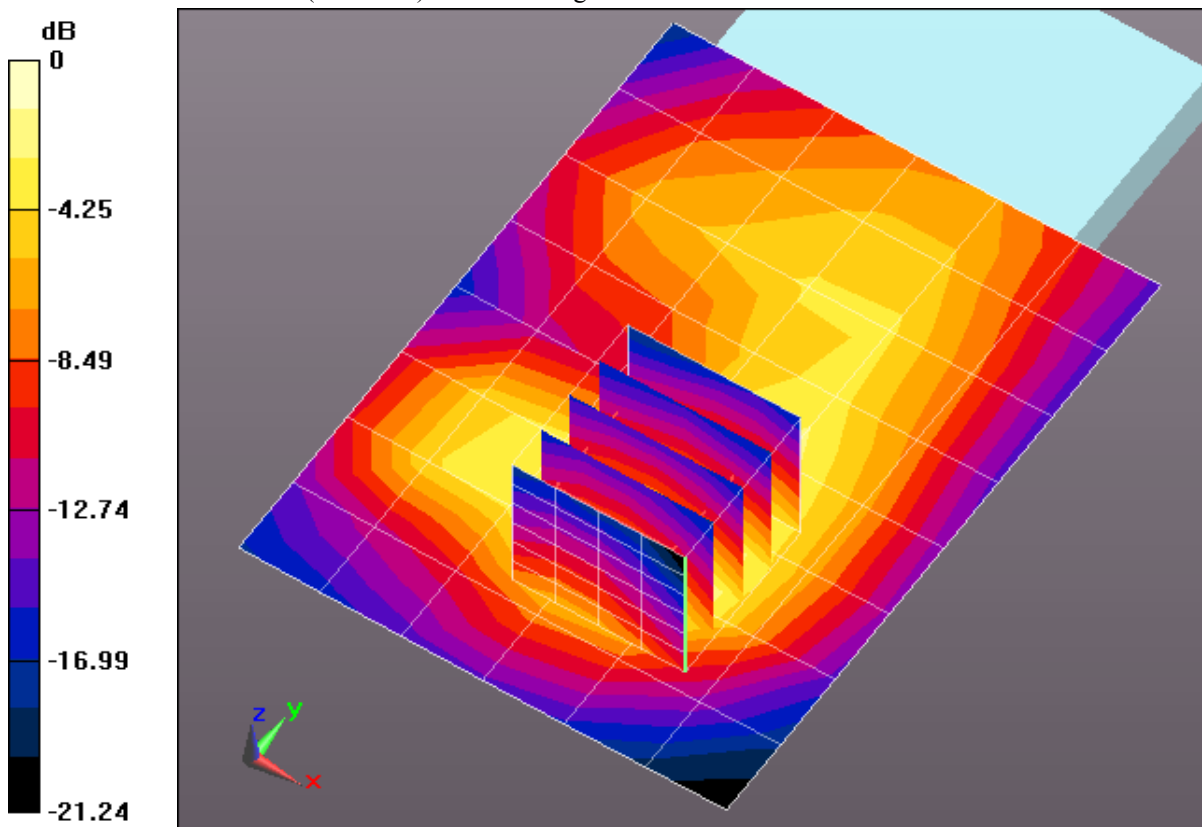
Flat-Section MSL 1/Back 10mm_1RB_2510MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.117 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.478 mW/g

SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 0.892 mW/g



0 dB = 0.573 mW/g = -4.84 dB mW/g

Plot 230

Date/Time: 2/7/2014 2:23:31 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2560 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.163$ mho/m; $\epsilon_r = 51.386$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.23, 4.23, 4.23); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section MSL 1/Back 10mm_1RB_2560MHz/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.772 mW/g

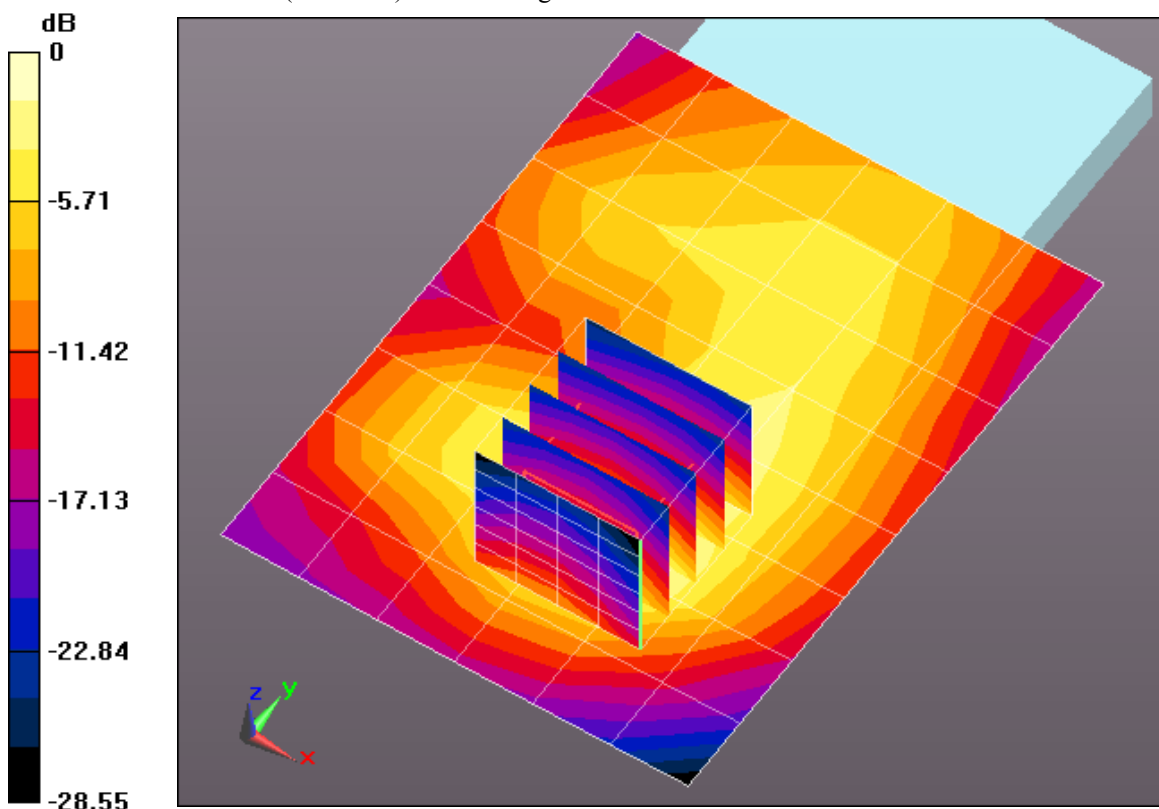
Flat-Section MSL 1/Back 10mm_1RB_2560MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.294 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.970 mW/g

SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.390 mW/g

Maximum value of SAR (measured) = 1.19 mW/g



0 dB = 0.772 mW/g = -2.25 dB mW/g

Plot 231

Date/Time: 2/7/2014 11:00:47 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600668

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.142$ mho/m; $\epsilon_r = 51.373$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.4C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section MSL/Front 10mm_50RB_2535MHz/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.488 mW/g

Flat-Section MSL/Front 10mm_50RB_2535MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

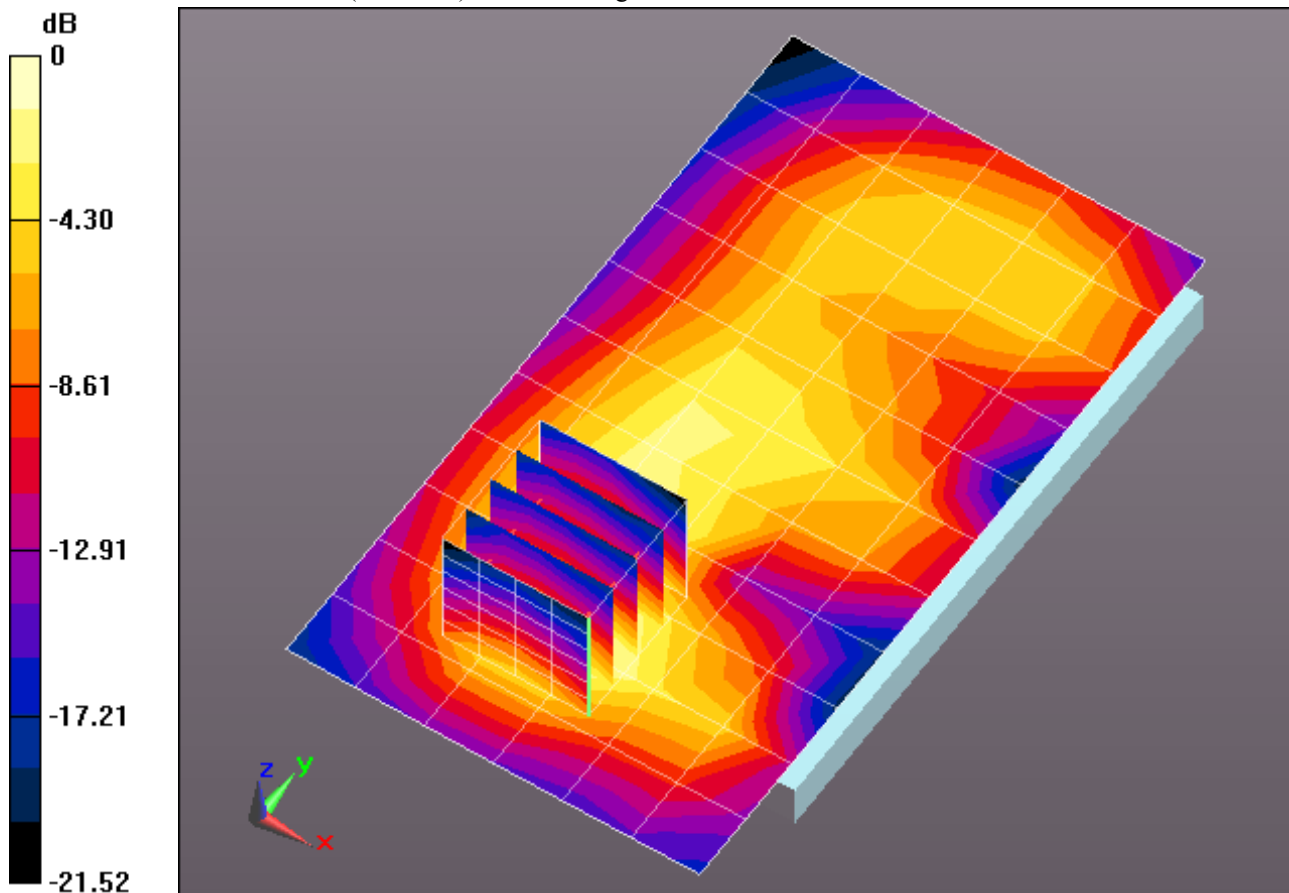
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.688 V/m; Power Drift = 0.25 dB

Peak SAR (extrapolated) = 1.023 mW/g

SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.613 mW/g



Plot 232

Date/Time: 4/22/2014 4:27:19 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.073$ mho/m; $\epsilon_r = 51.286$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22C; Medium Temperature: 22.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 3/17/2014
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP:xxxx
- DASYS2 52.8.1(838);

Flat-Section 4-22/Back 10mm_50RB_2535MHz/Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.614 mW/g

Flat-Section 4-22/Back 10mm_50RB_2535MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

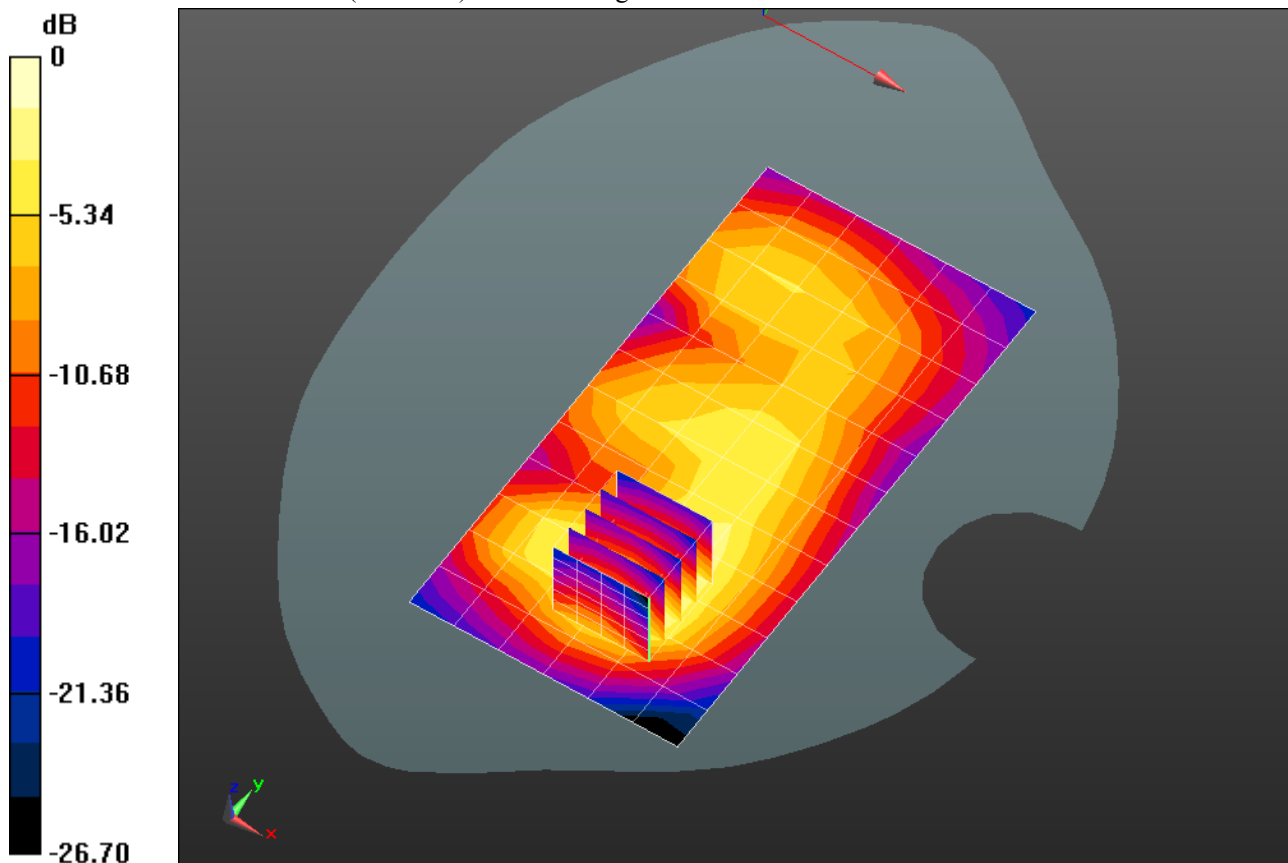
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.328 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.605 mW/g

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.960 mW/g



0 dB = 0.614 mW/g = -4.23 dB mW/g

Plot 233

Date/Time: 2/7/2014 9:20:55 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600668

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.142$ mho/m; $\epsilon_r = 51.373$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 20.6C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section MSL/Bottom Edge 10mm_50RB_2535MHz/Area Scan (6x7x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.372 mW/g

Flat-Section MSL/Bottom Edge 10mm_50RB_2535MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

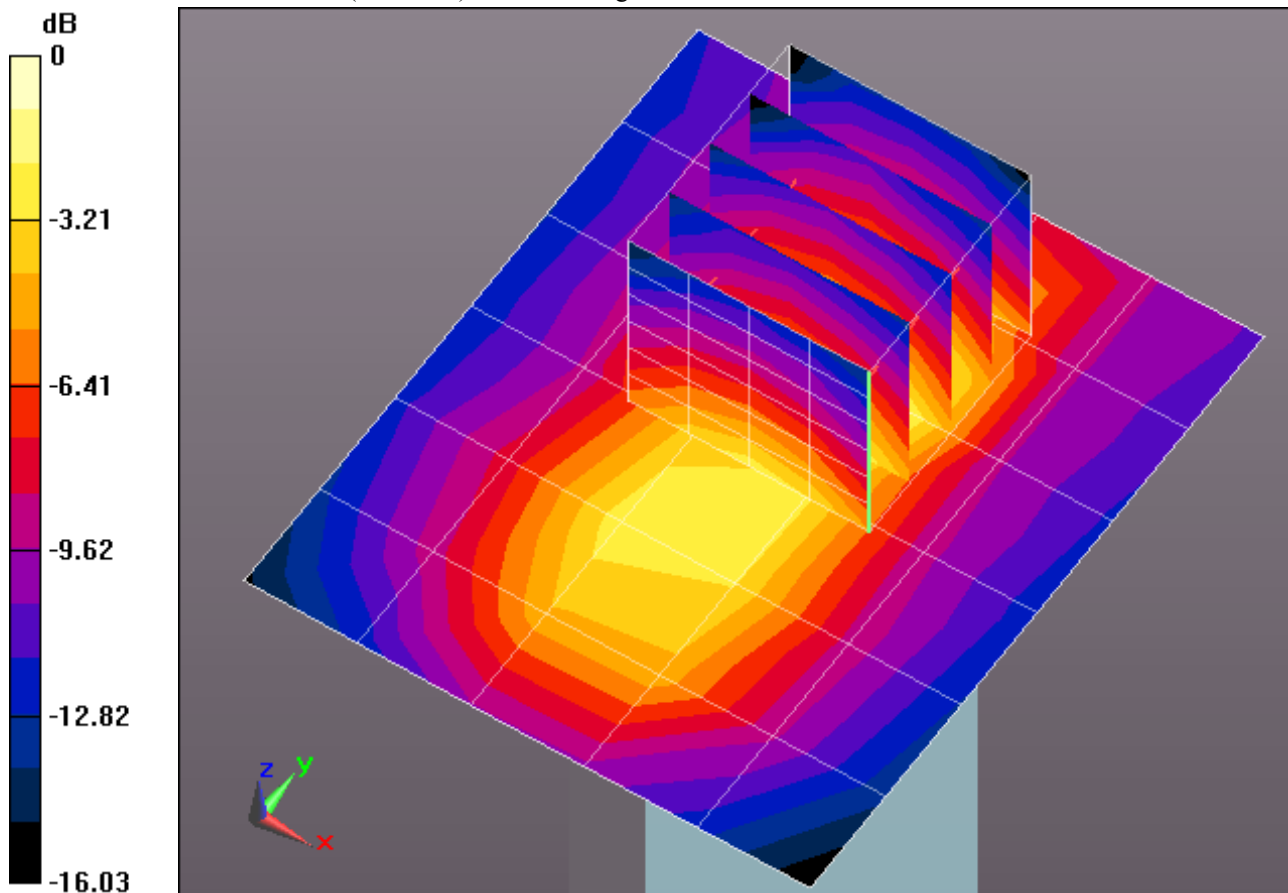
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.705 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.945 mW/g

SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.563 mW/g



0 dB = 0.372 mW/g = -8.60 dB mW/g

Plot 234

Date/Time: 2/7/2014 10:03:49 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600668

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.142$ mho/m; $\epsilon_r = 51.373$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section MSL/Left Edge 10mm_50RB_2535MHz/Area Scan (6x11x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.397 mW/g

Flat-Section MSL/Left Edge 10mm_50RB_2535MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 13.090 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.749 mW/g

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.479 mW/g

Flat-Section MSL/Left Edge 10mm_50RB_2535MHz/Zoom Scan (5x5x7)/Cube 1: Measurement grid:

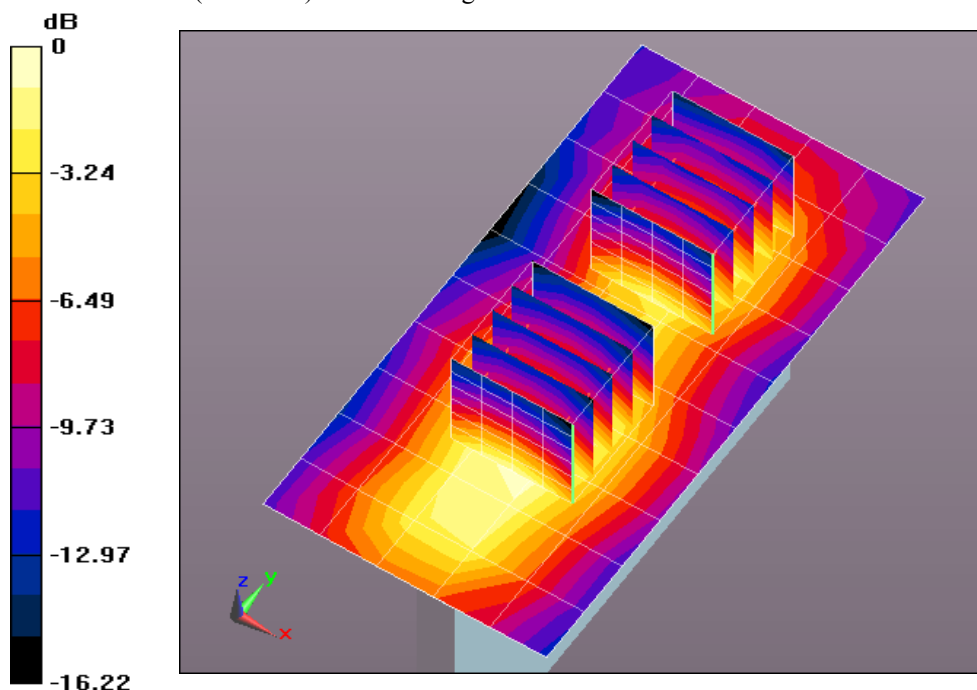
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.090 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.612 mW/g

SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.391 mW/g



0 dB = 0.397 mW/g = -8.03 dB mW/g

Plot 235

Date/Time: 2/7/2014 12:50:08 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.142$ mho/m; $\epsilon_r = 51.373$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section MSL 1/Right Edge 10mm_50RB_2535MHz/Area Scan (6x16x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.0569 mW/g

Flat-Section MSL 1/Right Edge 10mm_50RB_2535MHz/Zoom Scan (5x5x7)/Cube 0: Measurement

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

Reference Value = 5.369 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.093 mW/g

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.0575 mW/g

Flat-Section MSL 1/Right Edge 10mm_50RB_2535MHz/Zoom Scan (5x5x7)/Cube 1: Measurement

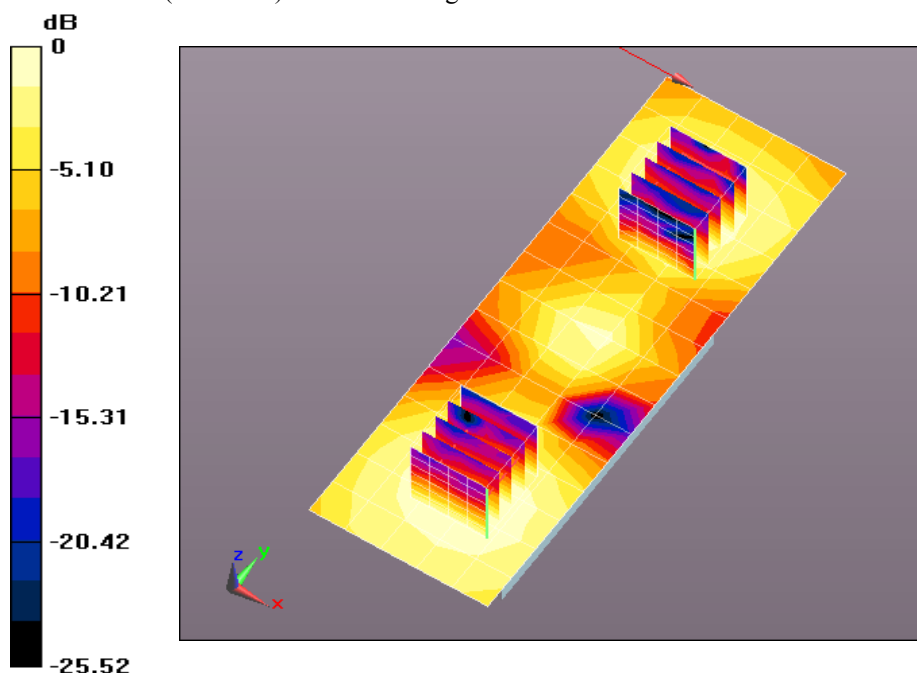
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.369 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.085 mW/g

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.0553 mW/g



0 dB = 0.0569 mW/g = -24.90 dB mW/g

Plot 236

Date/Time: 4/22/2014 3:58:55 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2510 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.043$ mho/m; $\epsilon_r = 51.364$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.2C; Medium Temperature: 22.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 3/17/2014
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP:xxxx
- DASY52 52.8.1(838);

Flat-Section 4-22/WC_Back 10mm_50RB_2510MHz/Area Scan (7x13x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.562 mW/g

Flat-Section 4-22/WC_Back 10mm_50RB_2510MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

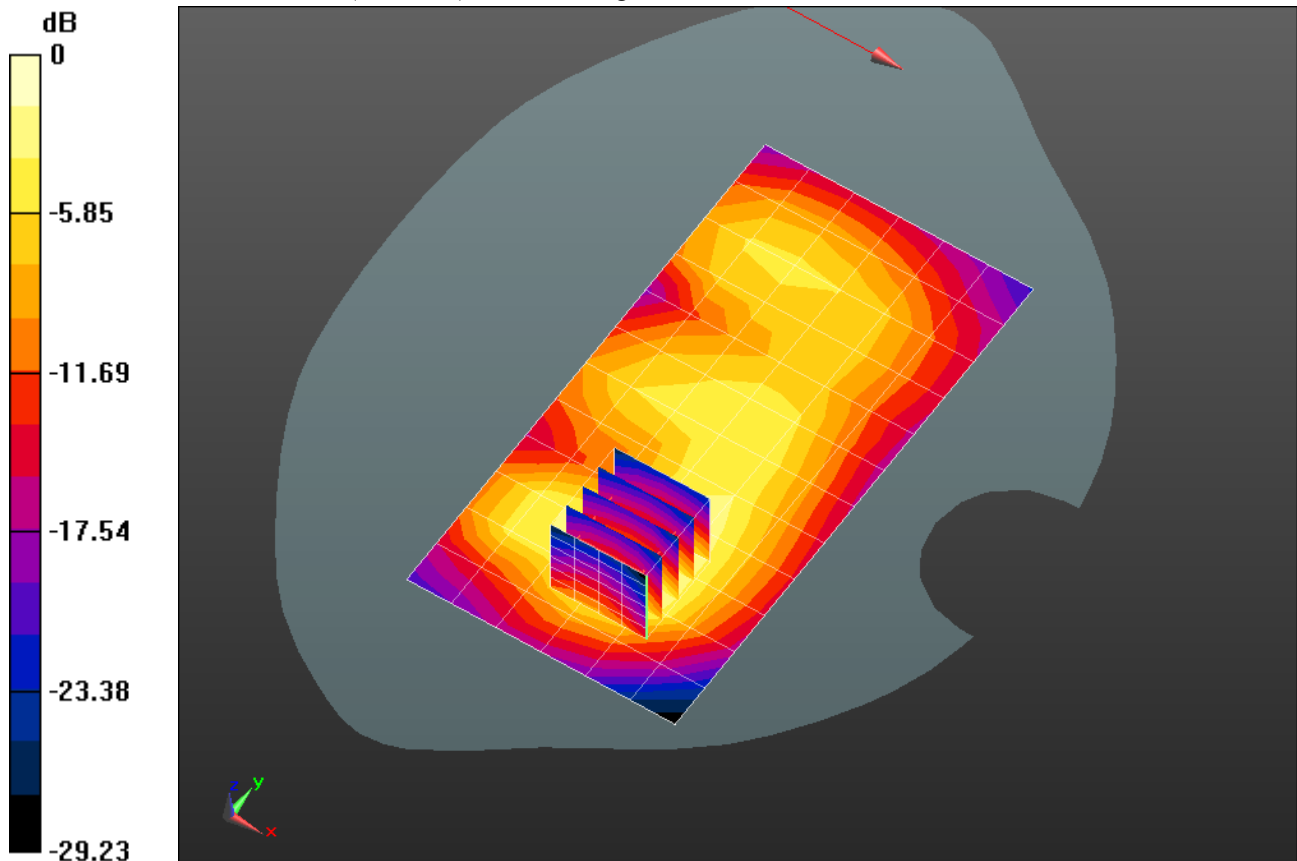
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.598 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.491 mW/g

SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.896 mW/g



Plot 237

Date/Time: 4/22/2014 4:12:26 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2560 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.102$ mho/m; $\epsilon_r = 51.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.2C; Medium Temperature: 22.5C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.23, 4.23, 4.23); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 3/17/2014
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP:xxxx
- DASYS2 52.8.1(838);

Flat-Section 4-22/WC_Back 10mm_50RB_2560MHz/Area Scan (7x13x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.650 mW/g

Flat-Section 4-22/WC_Back 10mm_50RB_2560MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

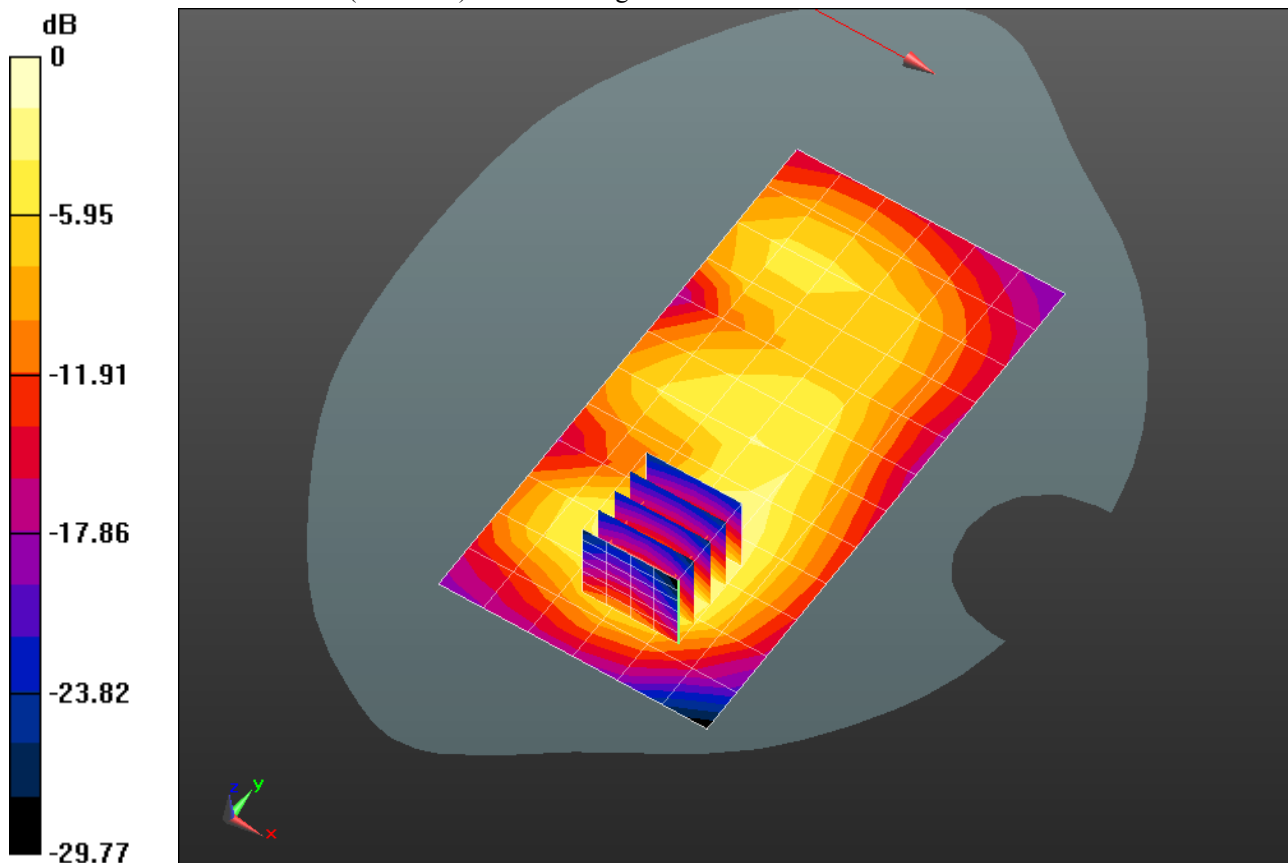
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.738 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.676 mW/g

SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.650 mW/g = -3.75 dB mW/g

Plot 238

Date/Time: 2/7/2014 3:04:51 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600668

Communication System: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.142$ mho/m; $\epsilon_r = 51.373$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section MSL/Back 10mm_100RB_2535MHz/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.628 mW/g

Flat-Section MSL/Back 10mm_100RB_2535MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

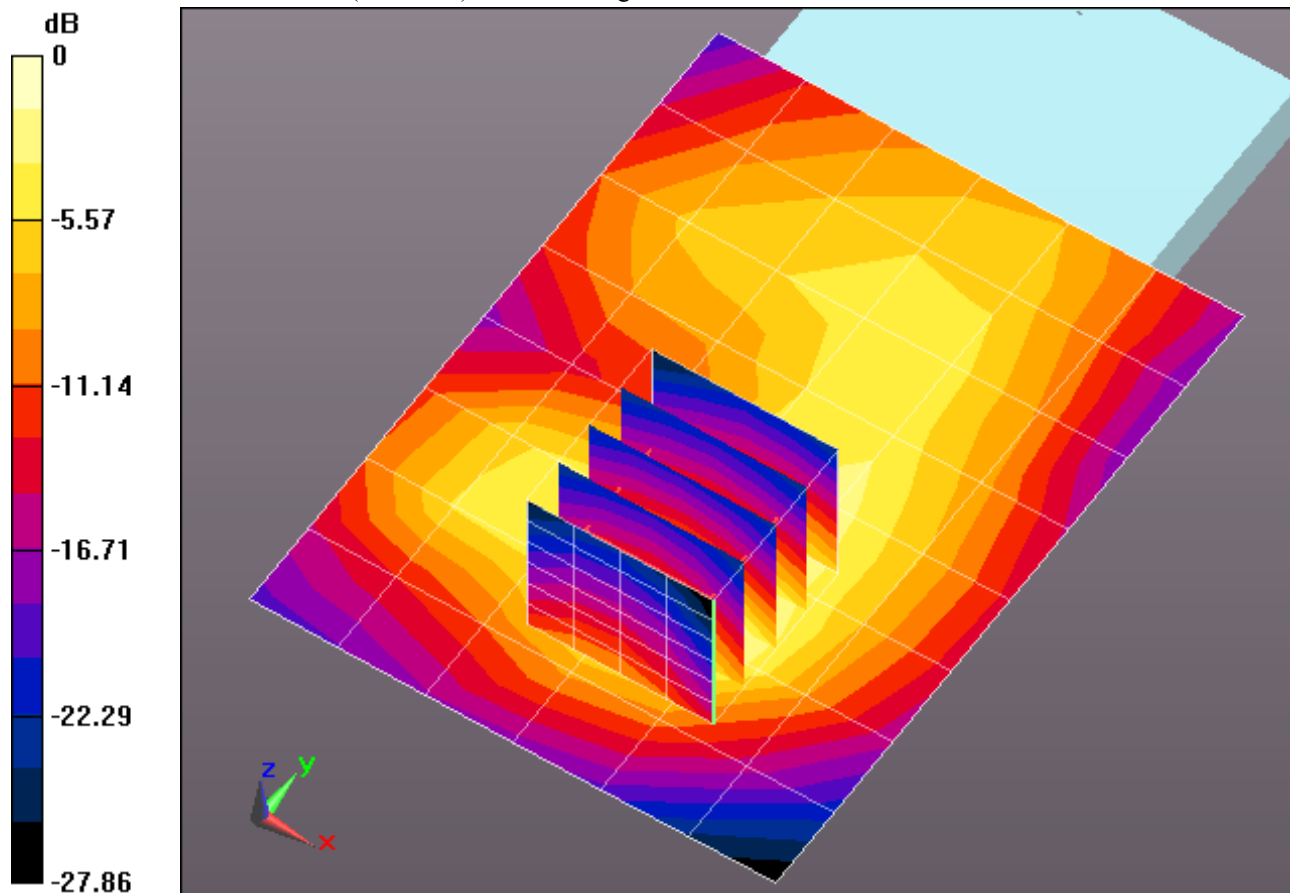
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.036 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.544 mW/g

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.934 mW/g



0 dB = 0.628 mW/g = -4.04 dB mW/g

Plot 239

Date/Time: 2/7/2014 5:02:43 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133600930

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.142$ mho/m; $\epsilon_r = 51.373$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22C; Medium Temperature: 20.9C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section Ceramic/Back 10mm_1RB_2535MHz/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.754 mW/g

Flat-Section Ceramic/Back 10mm_1RB_2535MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

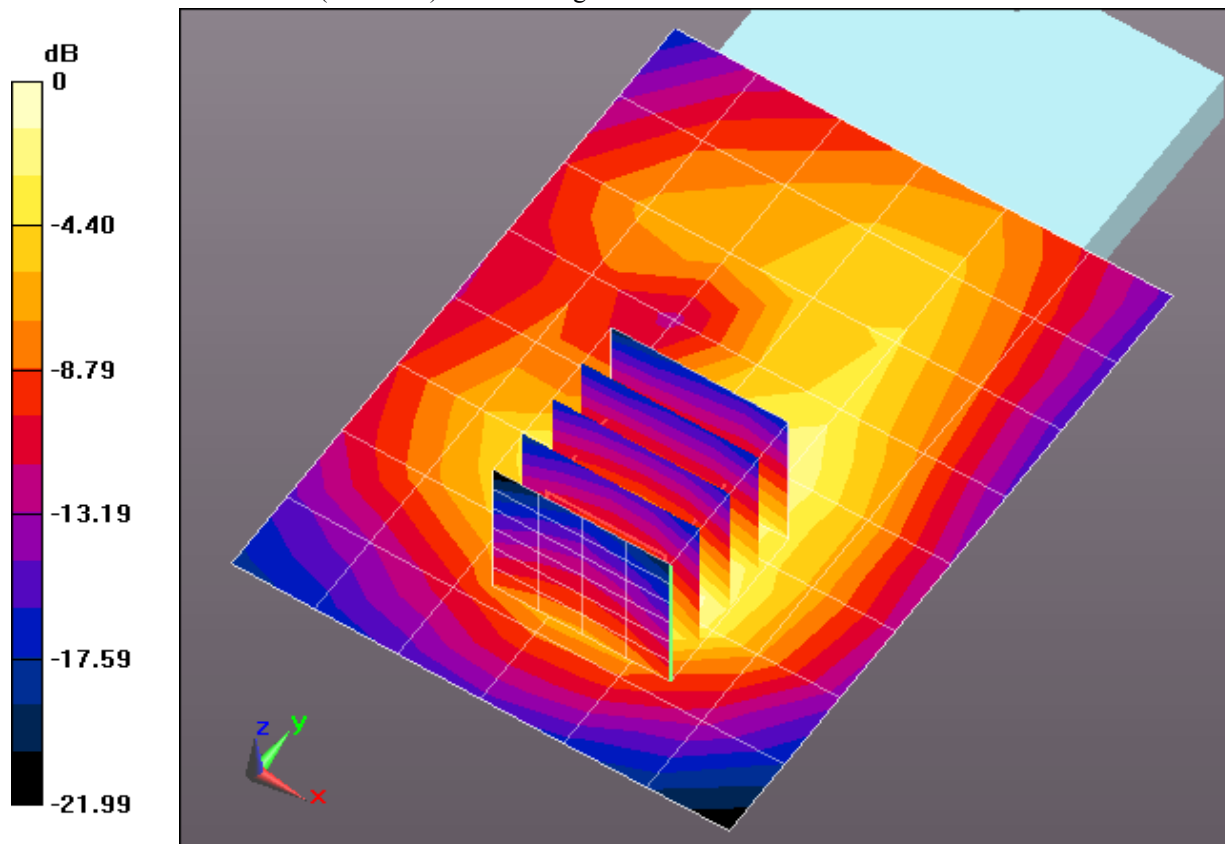
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.958 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.852 mW/g

SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 0.754 mW/g = -2.45 dB mW/g

Plot 240

Date/Time: 2/12/2014 4:17:15 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 54.716$; $\rho = 1000$ 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: 22.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Front 10mm_1RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.135 mW/g

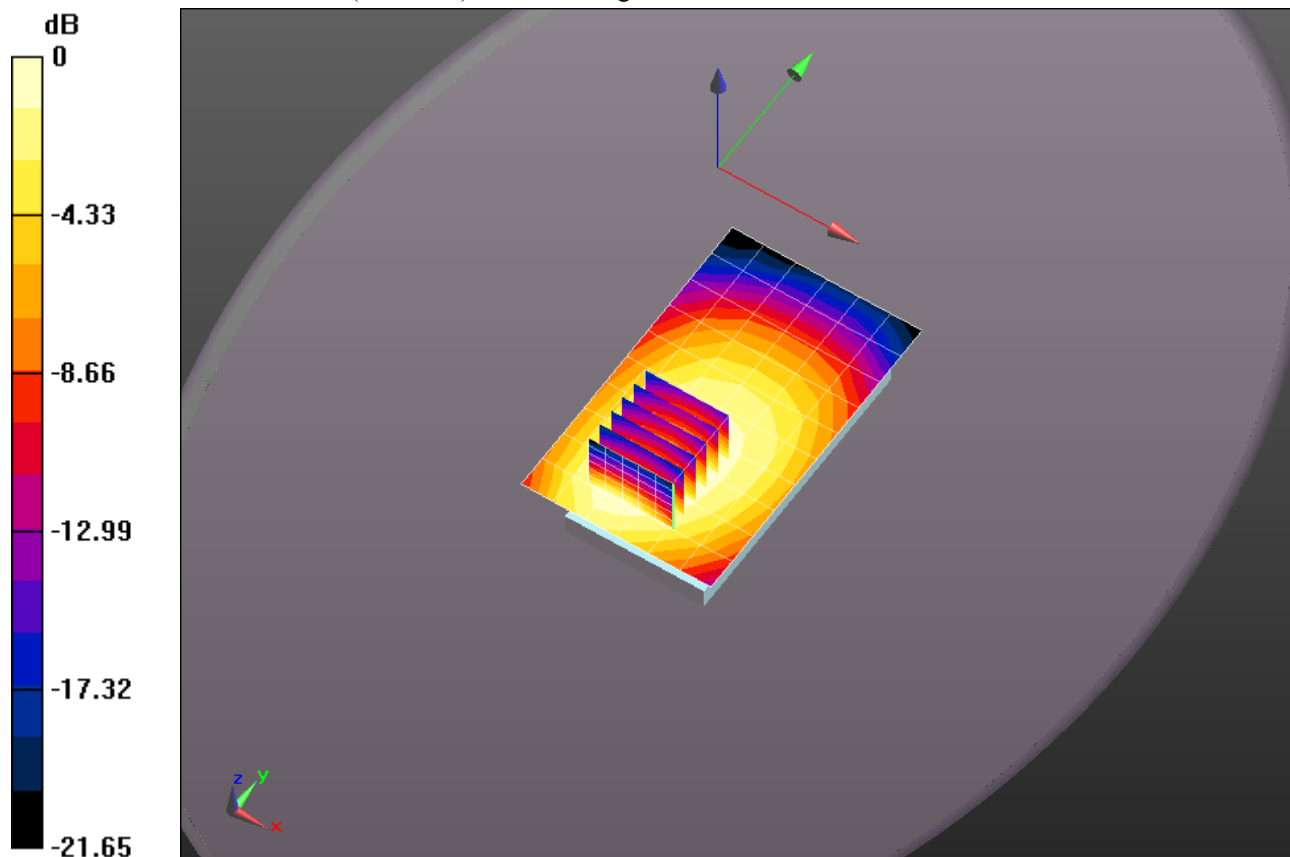
Flat-Section/Front 10mm_1RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.258 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.164 mW/g

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.140 mW/g



0 dB = 0.135 mW/g = -17.37 dB mW/g

Plot 241

Date/Time: 2/12/2014 5:10:43 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 54.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.2C; Medium Temperature: 20C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Flat-Section/Back 10mm_1RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.205 mW/g

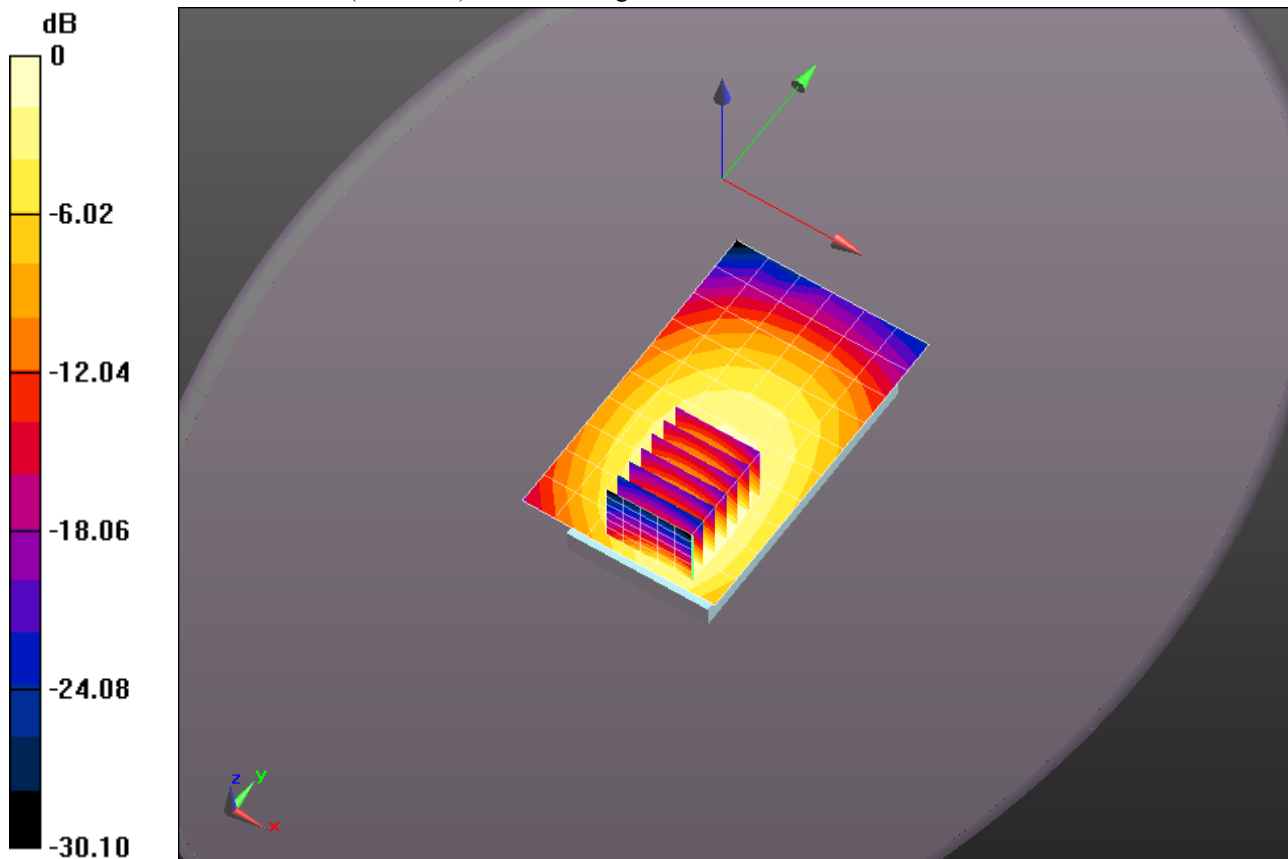
Flat-Section/Back 10mm_1RB/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.070 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.245 mW/g

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.204 mW/g



0 dB = 0.205 mW/g = -13.77 dB mW/g

Plot 242

Date/Time: 2/12/2014 5:48:32 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 54.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.4C; Medium Temperature: 20.9C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Bottom 10mm_1RB/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0259 mW/g

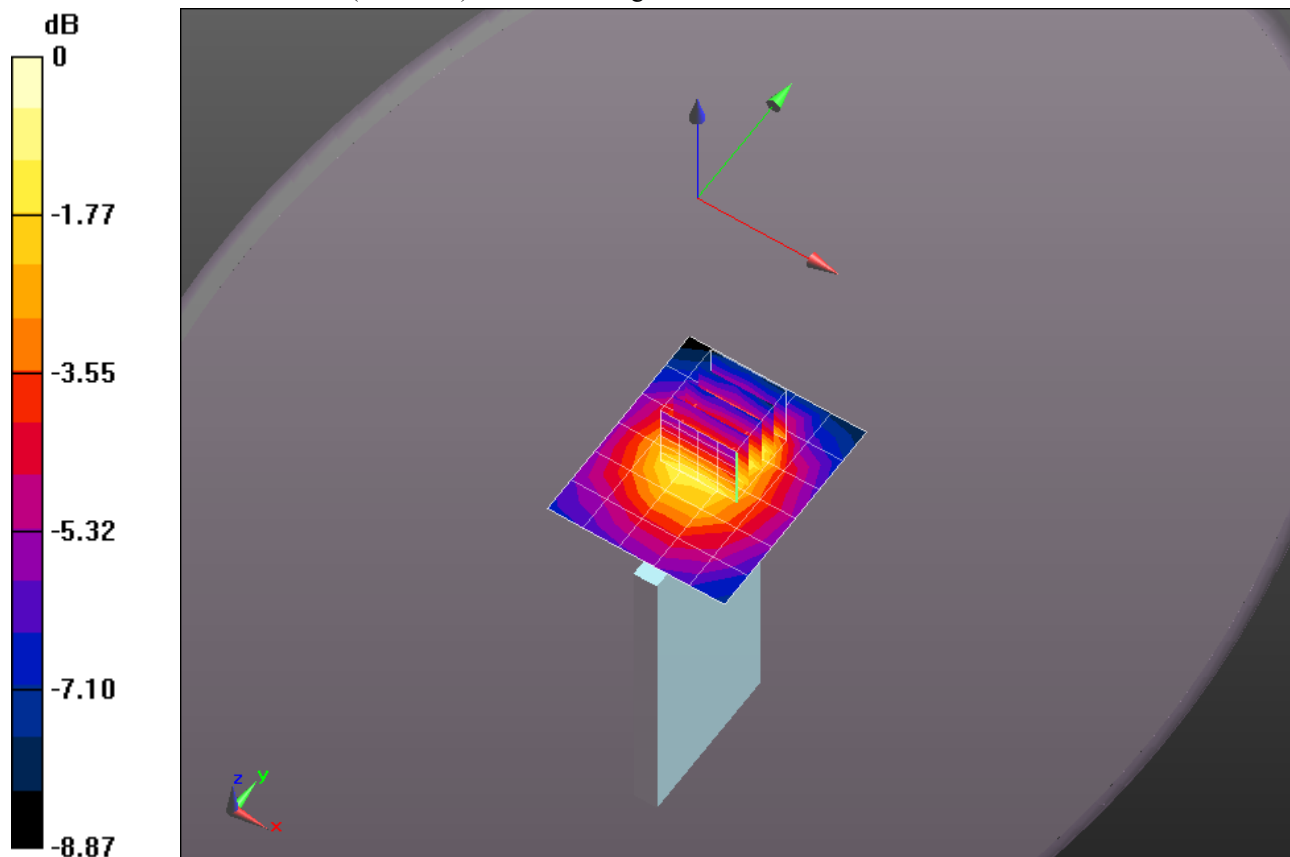
Flat-Section/Bottom 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.623 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.053 mW/g

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.0323 mW/g



0 dB = 0.0259 mW/g = -31.73 dB mW/g

Plot 243

Date/Time: 2/12/2014 6:47:34 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 54.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.4C; Medium Temperature: 21C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Left 10mm_1RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.168 mW/g

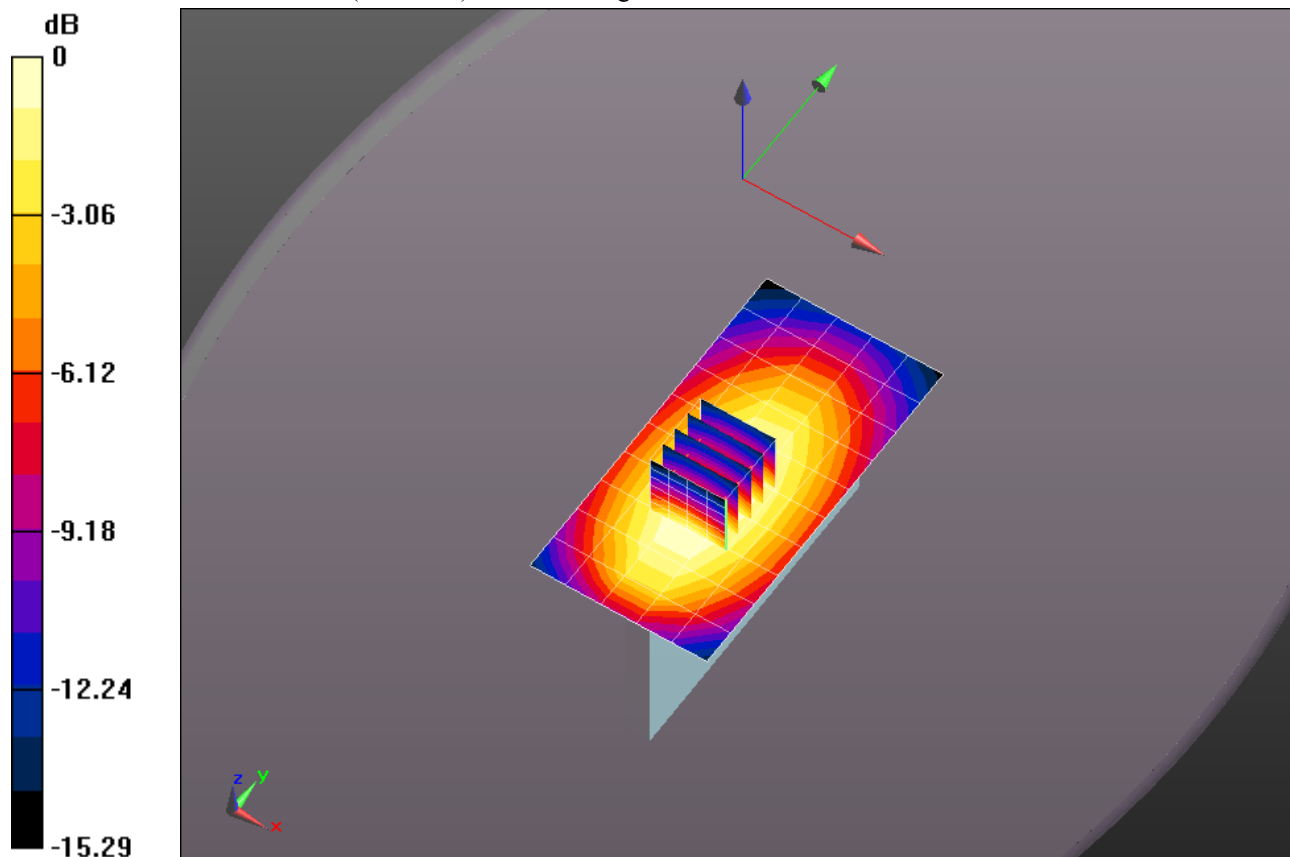
Flat-Section/Left 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.458 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.217 mW/g

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.180 mW/g



0 dB = 0.168 mW/g = -15.51 dB mW/g

Plot 244

Date/Time: 2/12/2014 6:15:39 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 54.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.3C; Medium Temperature: 21C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Right 10mm_1RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0837 mW/g

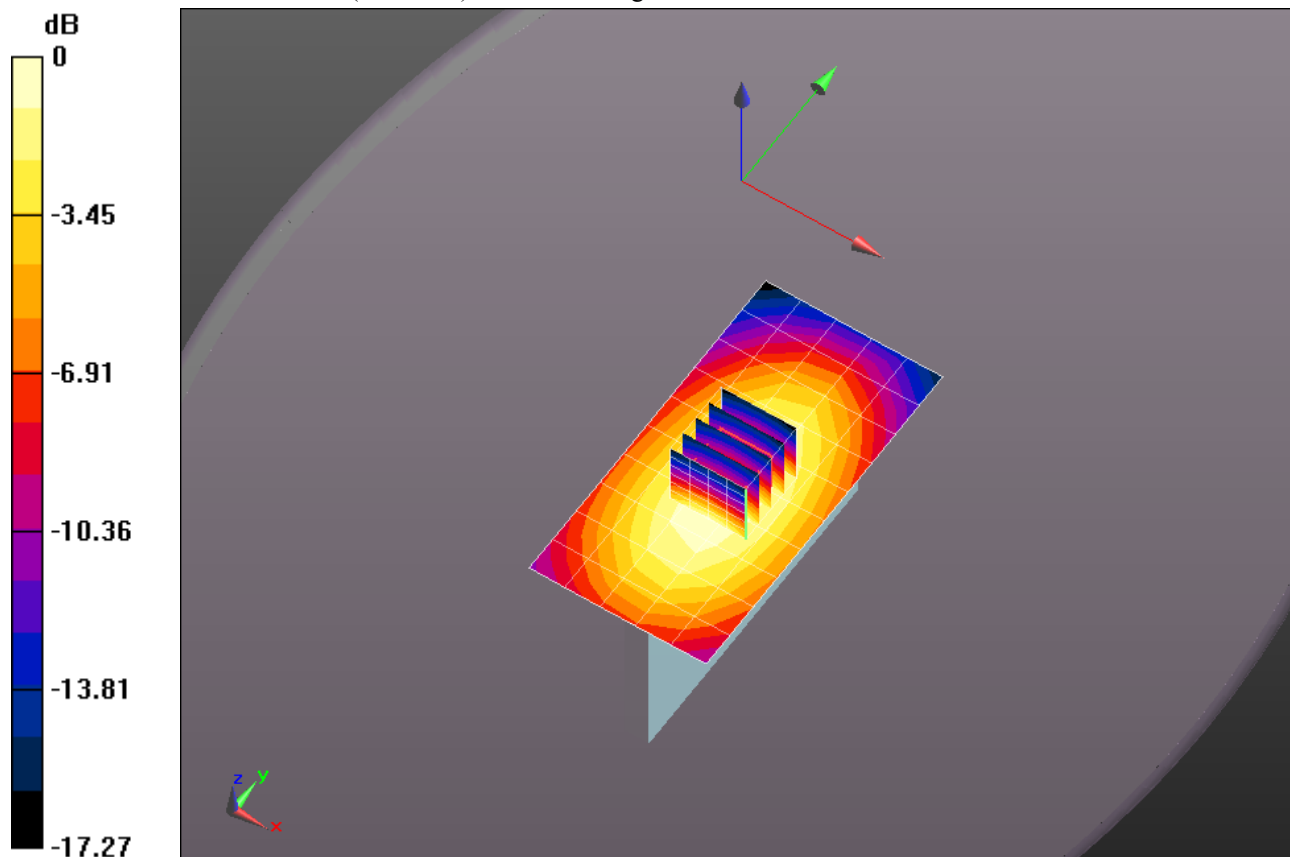
Flat-Section/Right 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.896 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.107 mW/g

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.0883 mW/g



0 dB = 0.0837 mW/g = -21.54 dB mW/g

Plot 245

Date/Time: 2/12/2014 4:52:34 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 54.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.8C; Medium Temperature: 20C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Front 10mm_25RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0830 mW/g

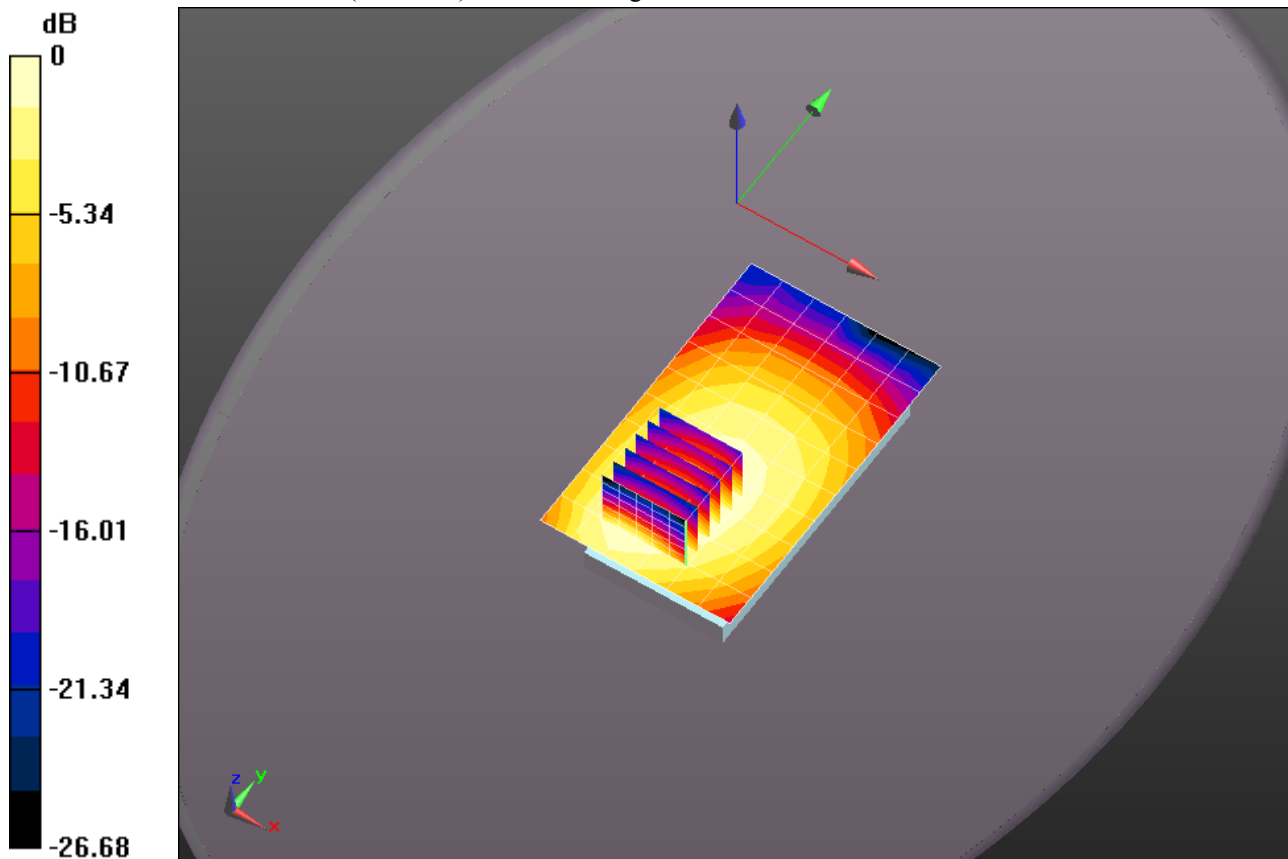
Flat-Section/Front 10mm_25RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.337 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.101 mW/g

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.0858 mW/g



0 dB = 0.0830 mW/g = -21.62 dB mW/g

Plot 246

Date/Time: 2/12/2014 5:27:47 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 54.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.1C; Medium Temperature: 20.6C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Back 10mm_25RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.119 mW/g

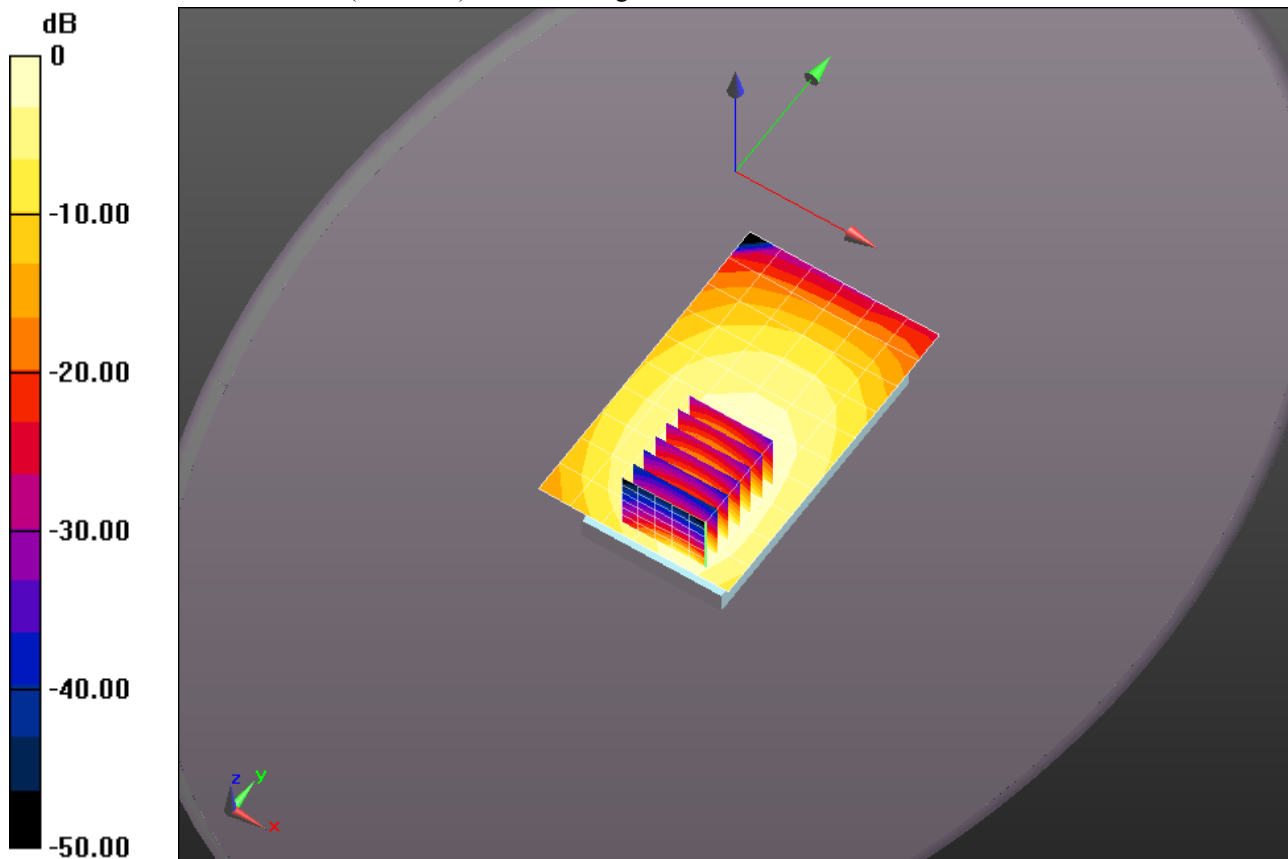
Flat-Section/Back 10mm_25RB/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.542 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.144 mW/g

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.121 mW/g



0 dB = 0.119 mW/g = -18.51 dB mW/g

Plot 247

Date/Time: 2/12/2014 6:01:23 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 54.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.5C; Medium Temperature: 21C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Bottom 10mm_25RB/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0147 mW/g

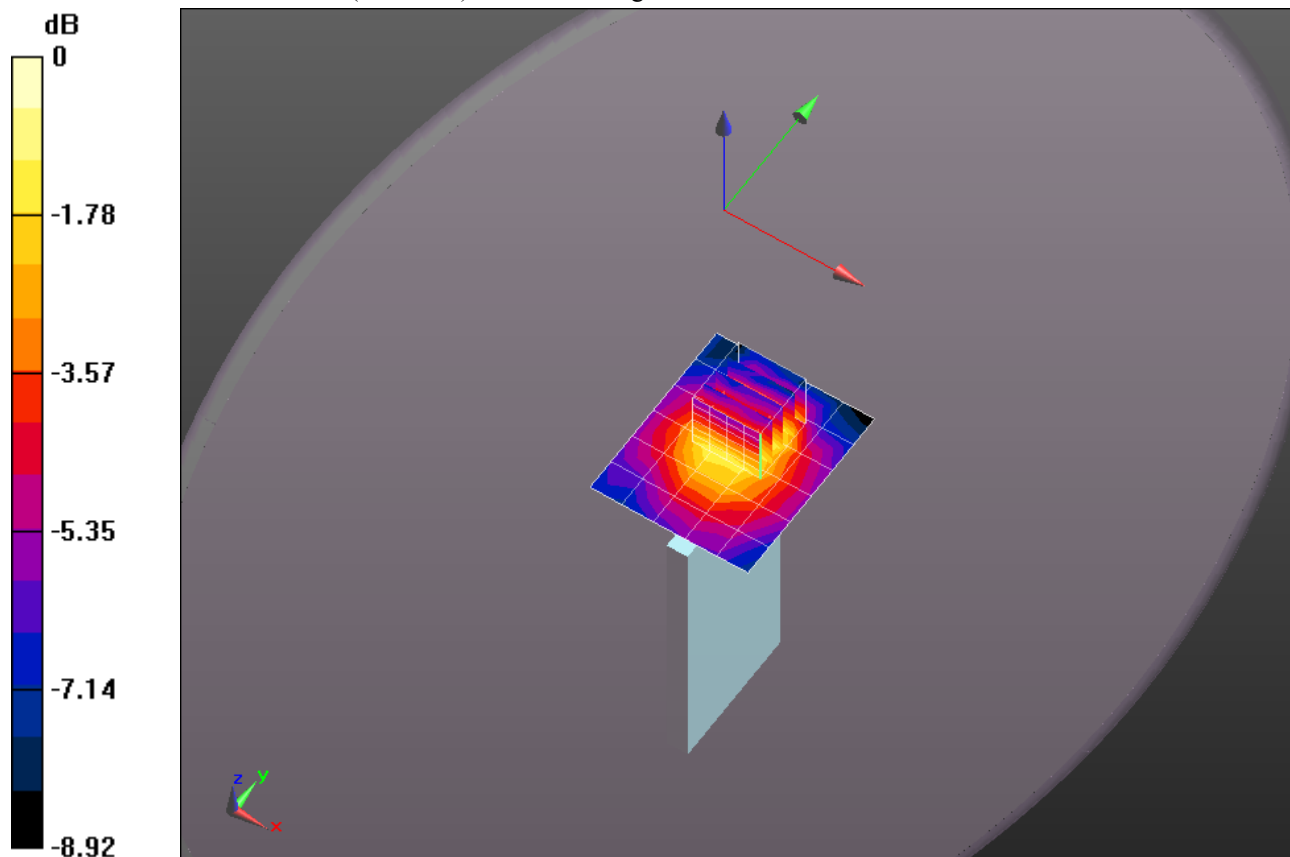
Flat-Section/Bottom 10mm_25RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.477 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.029 mW/g

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00782 mW/g

Maximum value of SAR (measured) = 0.0180 mW/g



0 dB = 0.0147 mW/g = -36.64 dB mW/g

Plot 248

Date/Time: 2/12/2014 7:02:24 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 54.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.4C; Medium Temperature: 22C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Left 10mm_25RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0934 mW/g

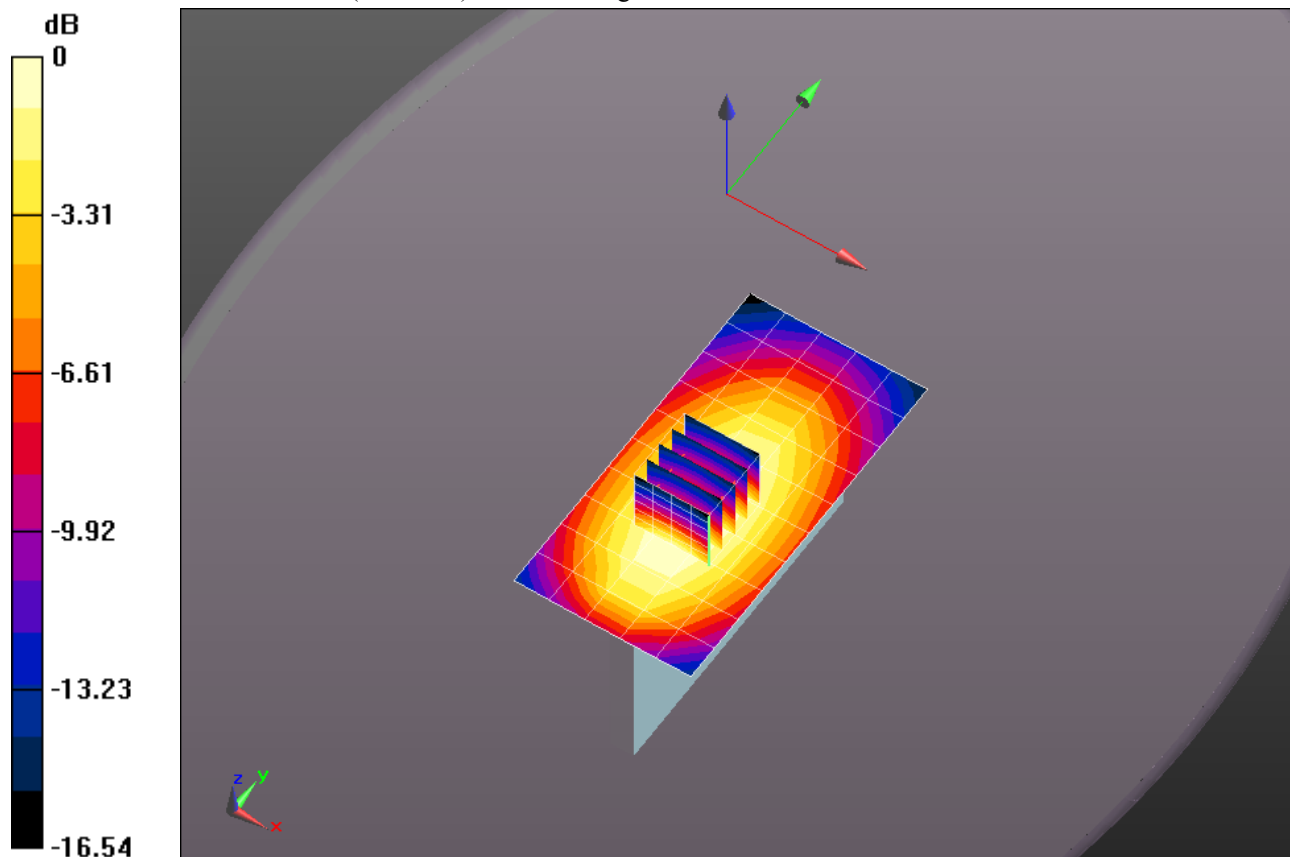
Flat-Section/Left 10mm_25RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.776 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.124 mW/g

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.103 mW/g



0 dB = 0.0934 mW/g = -20.59 dB mW/g

Plot 249

Date/Time: 2/12/2014 6:30:35 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601025

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 54.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.4C; Medium Temperature: 21C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Right 10mm_25RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0471 mW/g

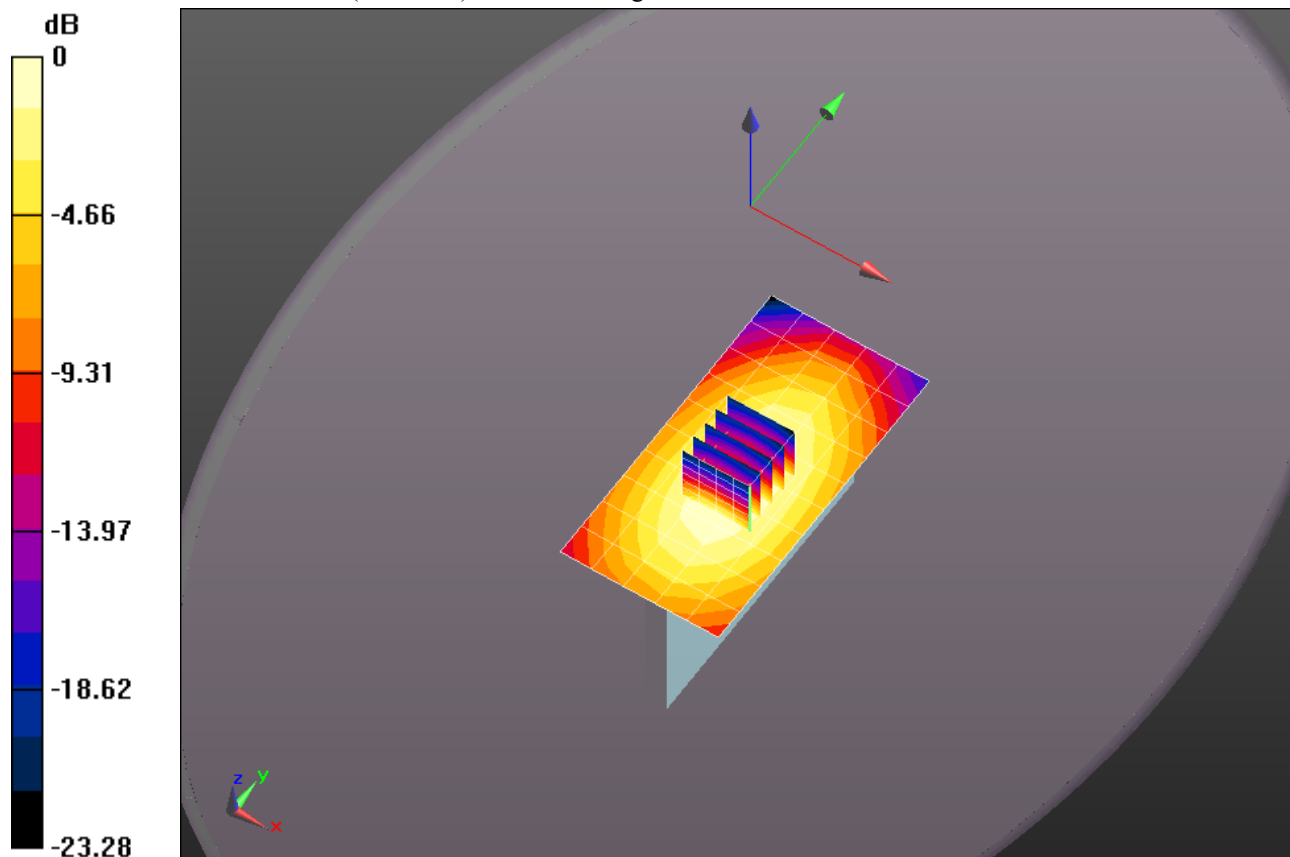
Flat-Section/Right 10mm_25RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.437 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.060 mW/g

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.0491 mW/g



0 dB = 0.0471 mW/g = -26.53 dB mW/g

Plot 250

Date/Time: 2/25/2014 12:51:40 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 54.402$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 20.4C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Front 10mm_1RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

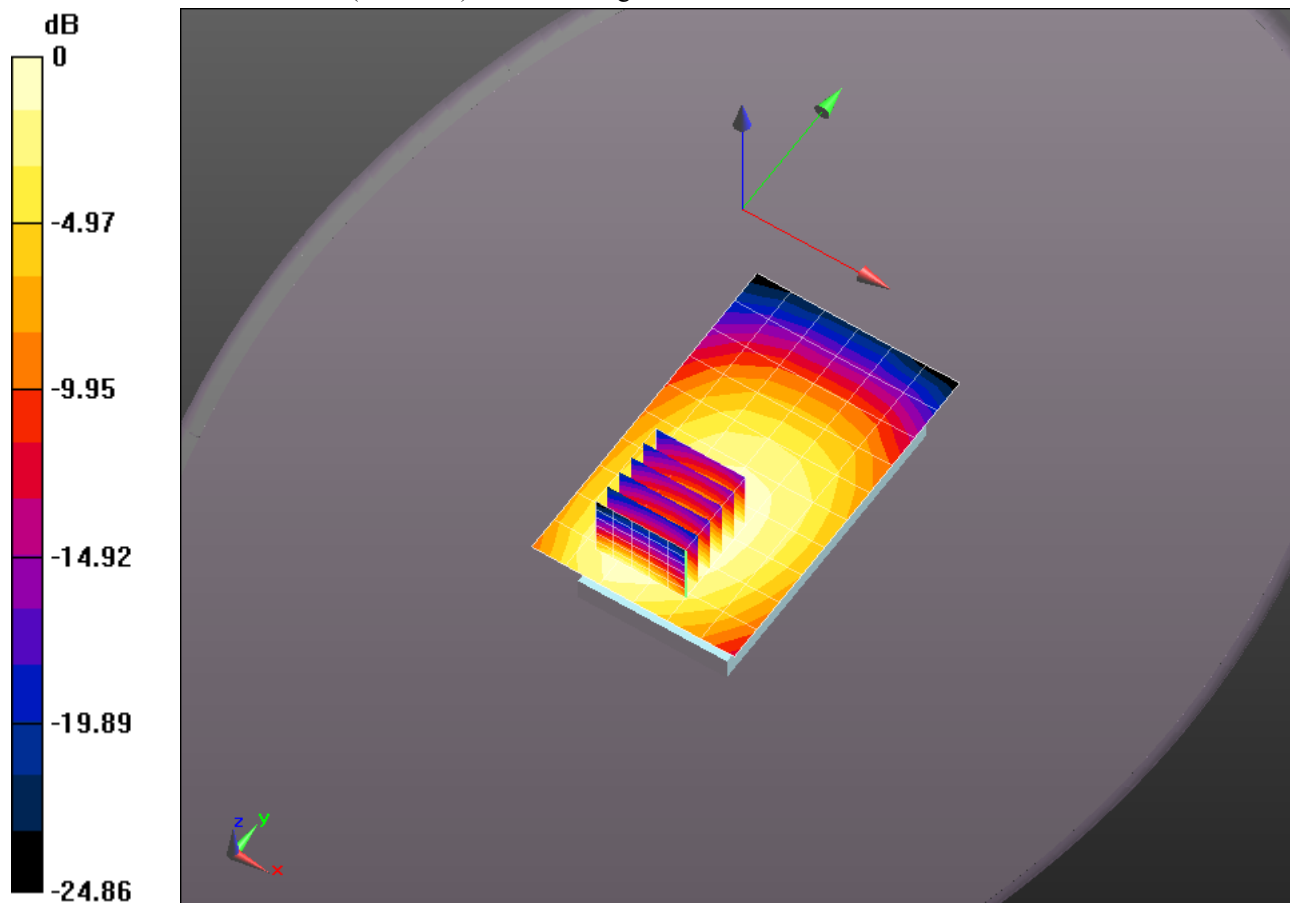
Ceramic_Flat/Front 10mm_1RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.848 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.263 mW/g

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

Maximum value of SAR (measured) = 0.224 mW/g



0 dB = 0.223 mW/g = -13.03 dB mW/g

Plot 251

Date/Time: 2/25/2014 1:30:01 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 54.402$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.1C; Medium Temperature: 20.5C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Ceramic_Flat/Back 10mm_1RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.327 mW/g

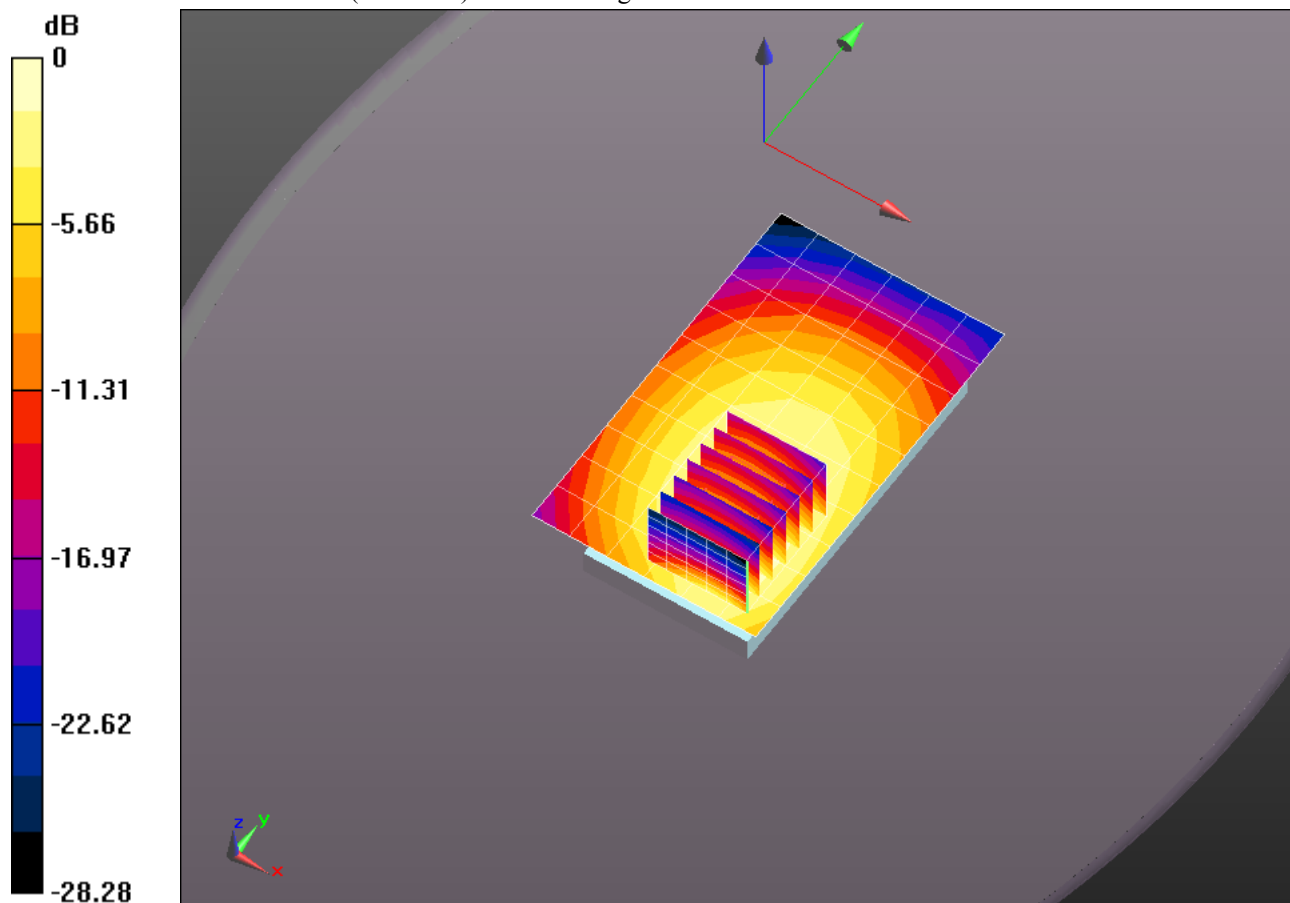
Ceramic_Flat/Back 10mm_1RB/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.190 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.394 mW/g

SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.211 mW/g

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



0 dB = 0.327 mW/g = -9.70 dB mW/g

Plot 252

Date/Time: 2/25/2014 2:06:09 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 54.402$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.1C; Medium Temperature: 20.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Bottom 10mm_1RB/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0393 mW/g

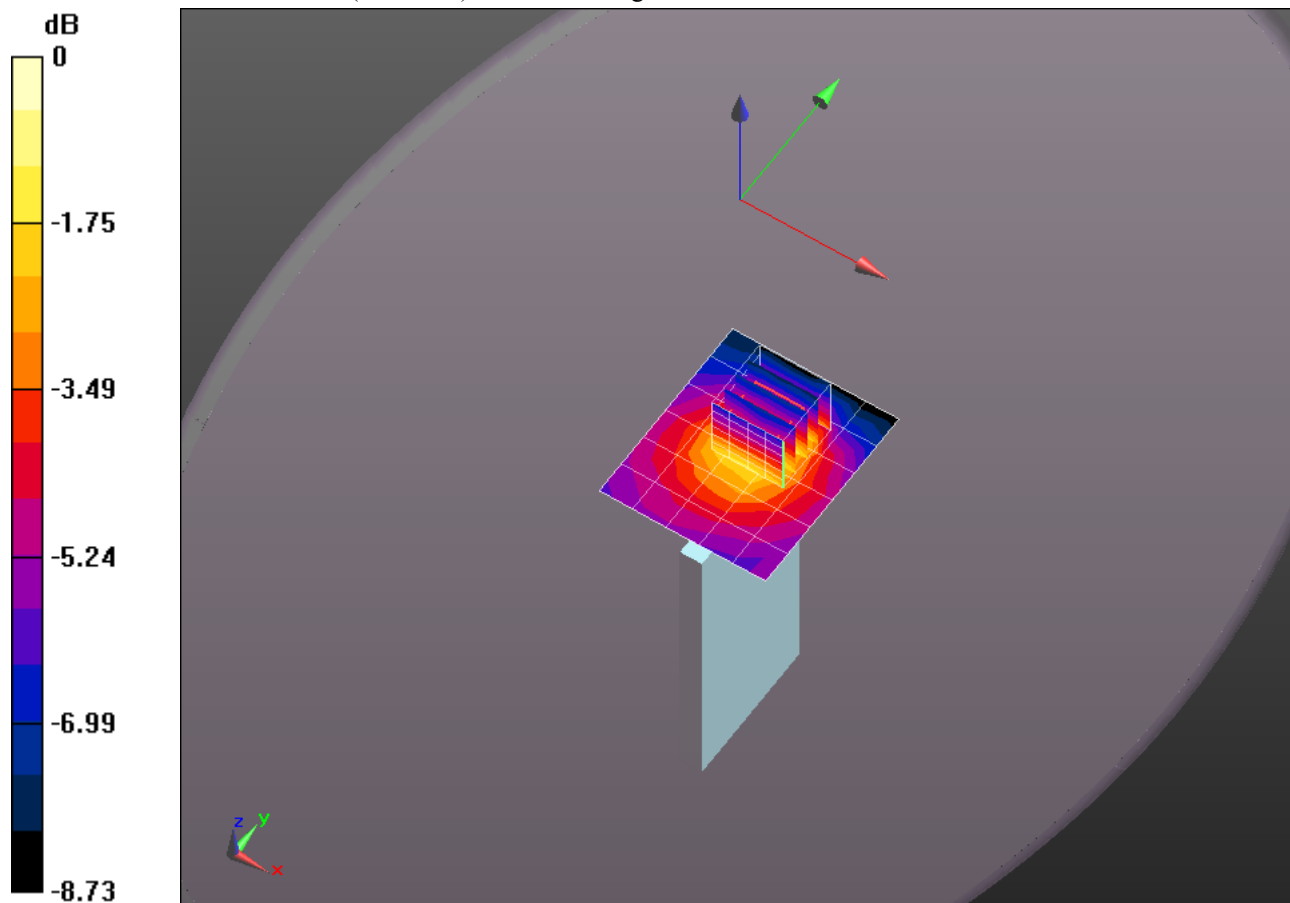
Ceramic_Flat/Bottom 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.611 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.081 mW/g

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.0483 mW/g



0 dB = 0.0393 mW/g = -28.12 dB mW/g

Plot 253

Date/Time: 2/25/2014 2:32:52 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 54.402$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.1C; Medium Temperature: 20C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Left 10mm_1RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.256 mW/g

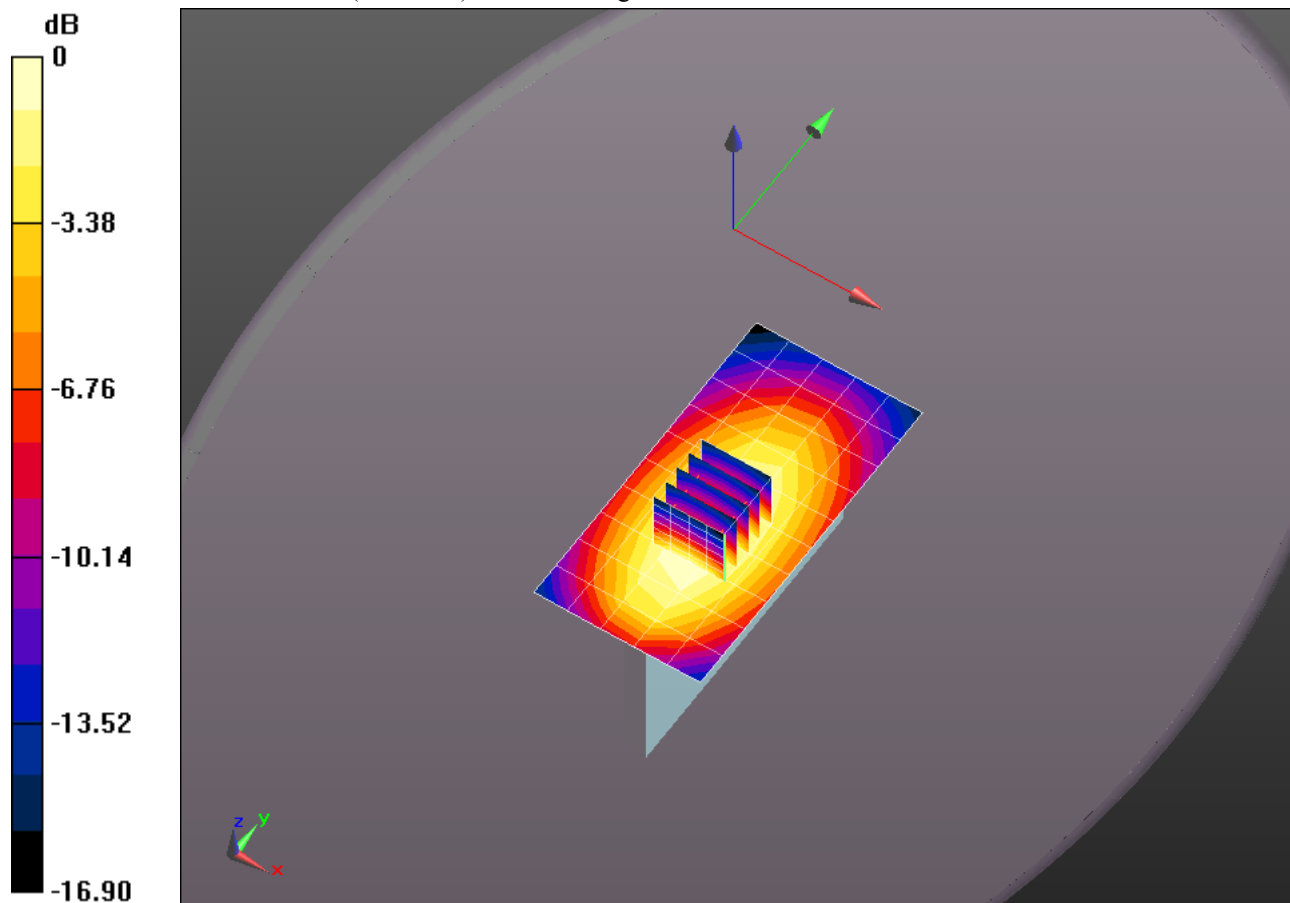
Ceramic_Flat/Left 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.207 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.317 mW/g

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.263 mW/g



Plot 254

Date/Time: 2/25/2014 3:00:45 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 54.402$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 20.4C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Right 10mm_1RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

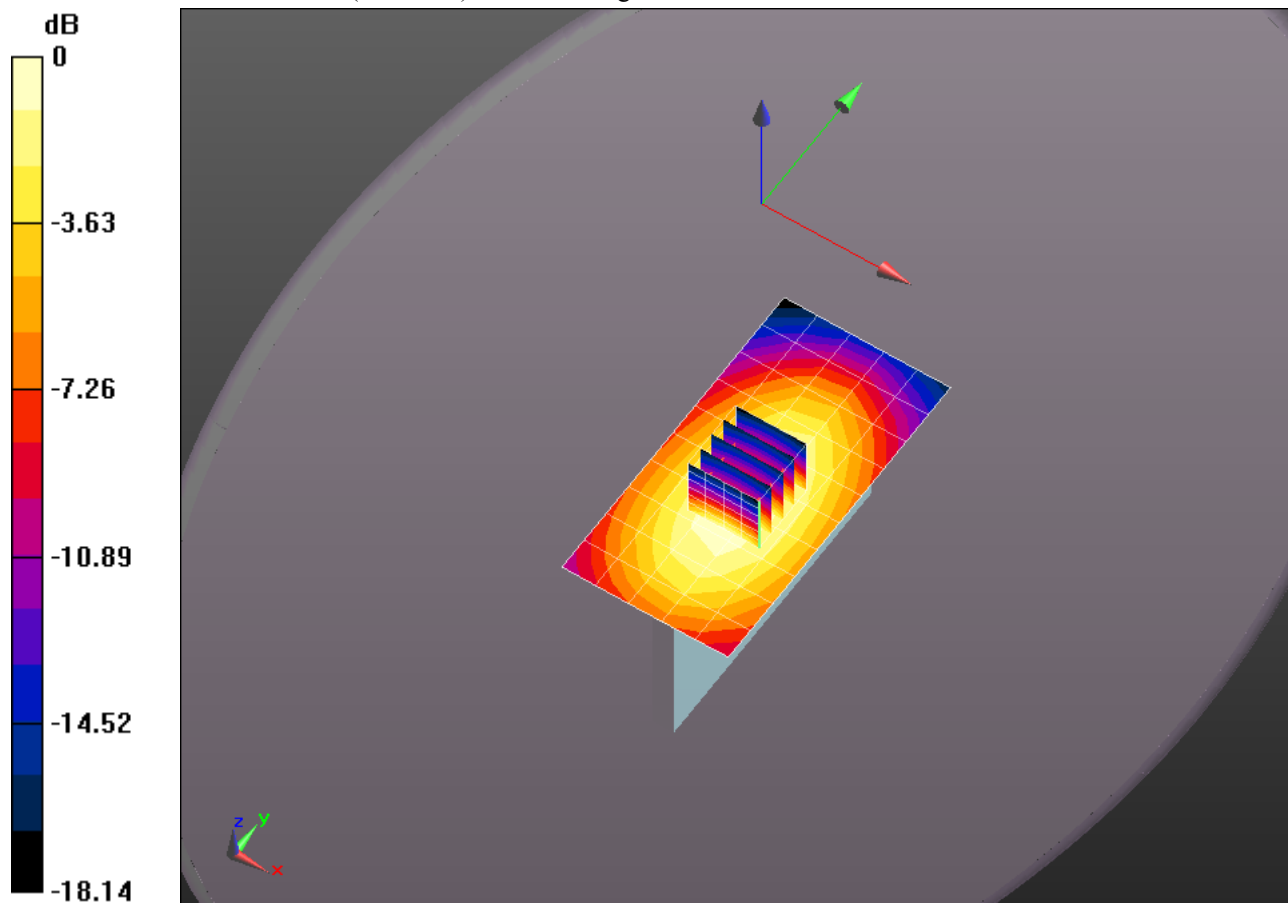
Ceramic_Flat/Right 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.446 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.157 mW/g

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.083 mW/g

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



0 dB = 0.129 mW/g = -17.76 dB mW/g

Plot 255

Date/Time: 2/25/2014 1:12:08 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 54.402$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.2C; Medium Temperature: 20.6C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

Ceramic_Flat/Front 10mm_25RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.196 mW/g

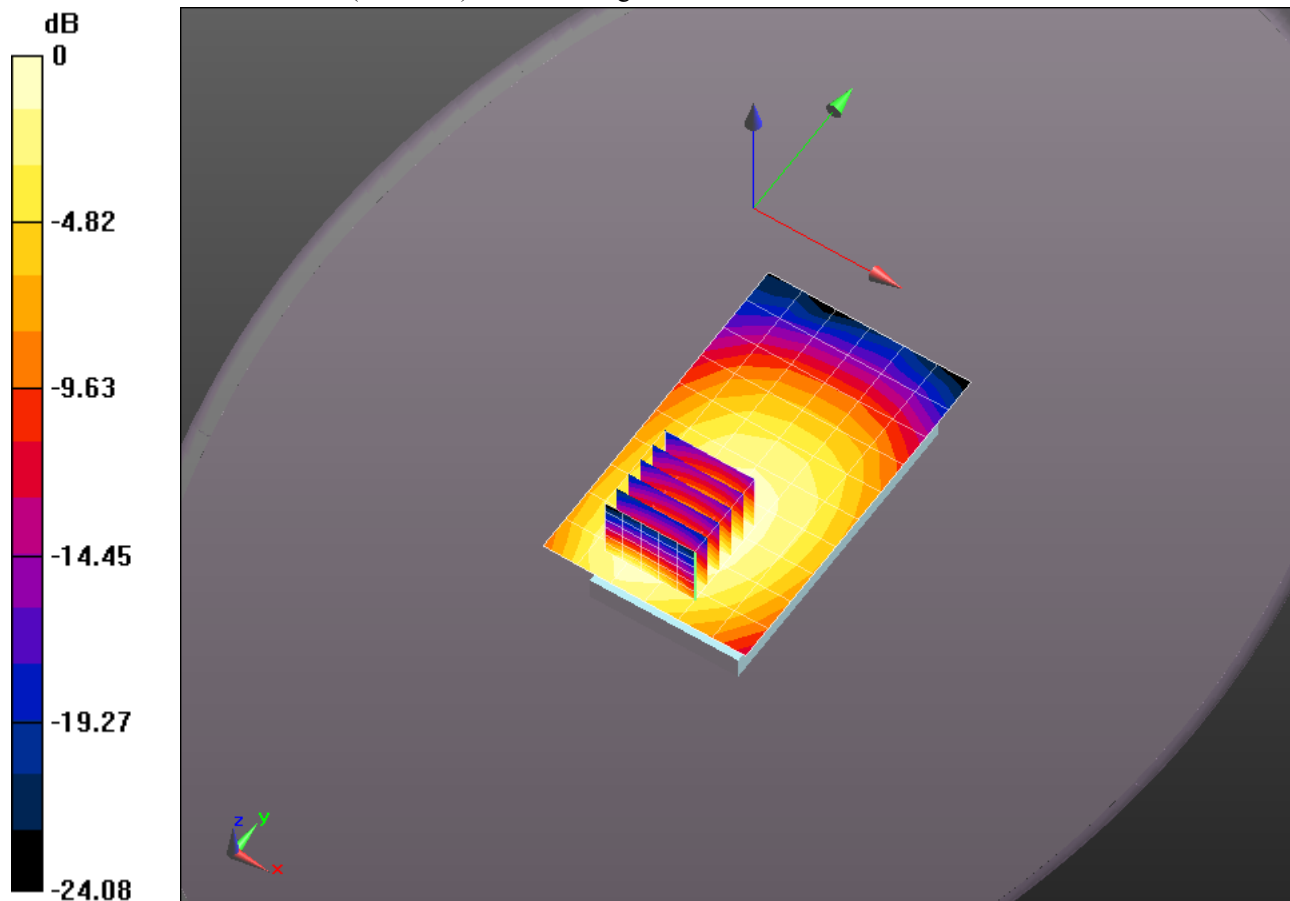
Ceramic_Flat/Front 10mm_25RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.197 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.235 mW/g

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.196 mW/g = -14.17 dB mW/g

Plot 256

Date/Time: 2/25/2014 1:46:47 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 54.402$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.1C; Medium Temperature: 20.5C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

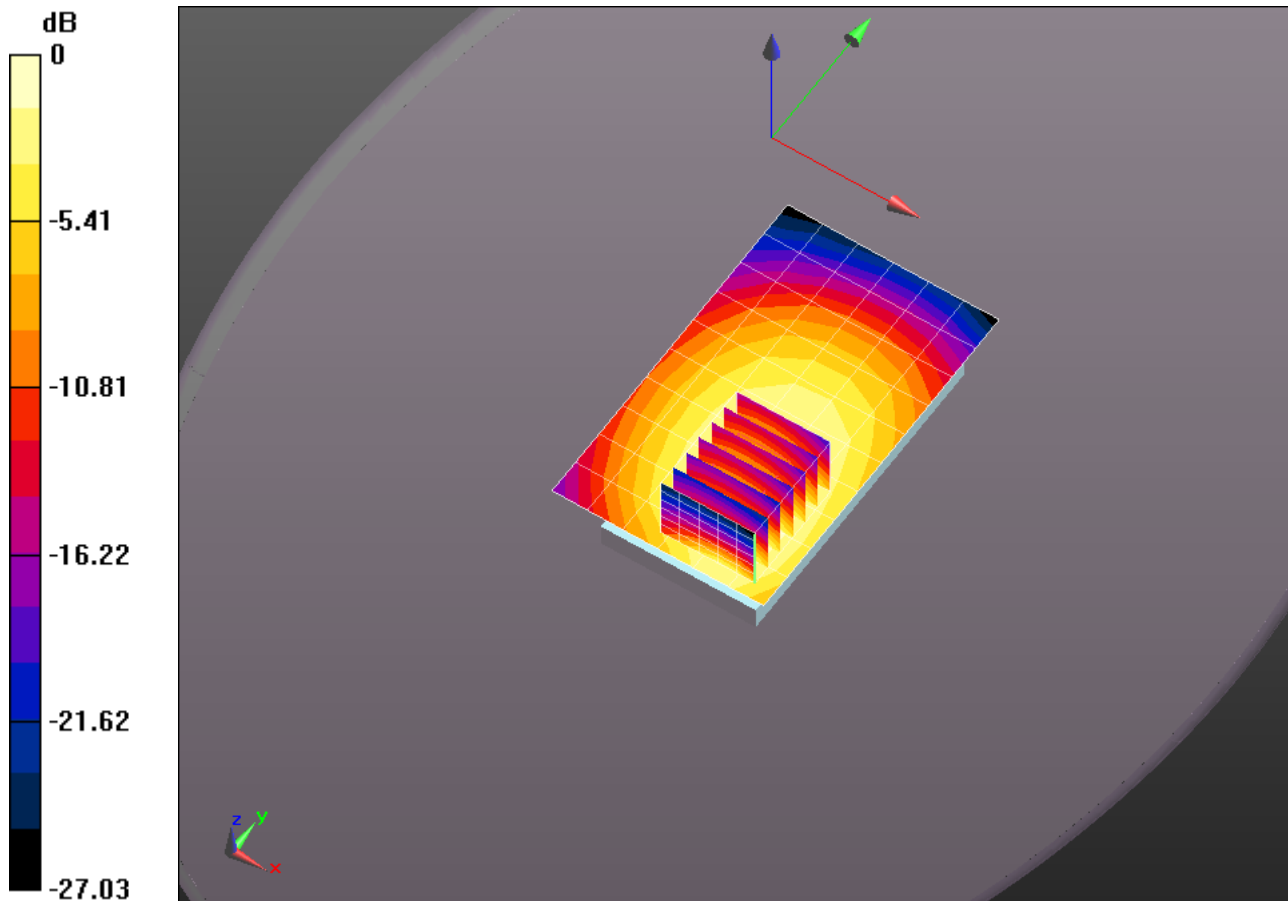
Ceramic_Flat/Back 10mm_25RB/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Ceramic_Flat/Back 10mm_25RB/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.310 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.367 mW/g

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.195 mW/g


0 dB = 0.299 mW/g = -10.49 dB mW/g

Plot 257

Date/Time: 2/25/2014 2:20:40 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 54.402$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.1C; Medium Temperature: 20.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Bottom 10mm_25RB/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0338 mW/g

Ceramic_Flat/Bottom 10mm_25RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

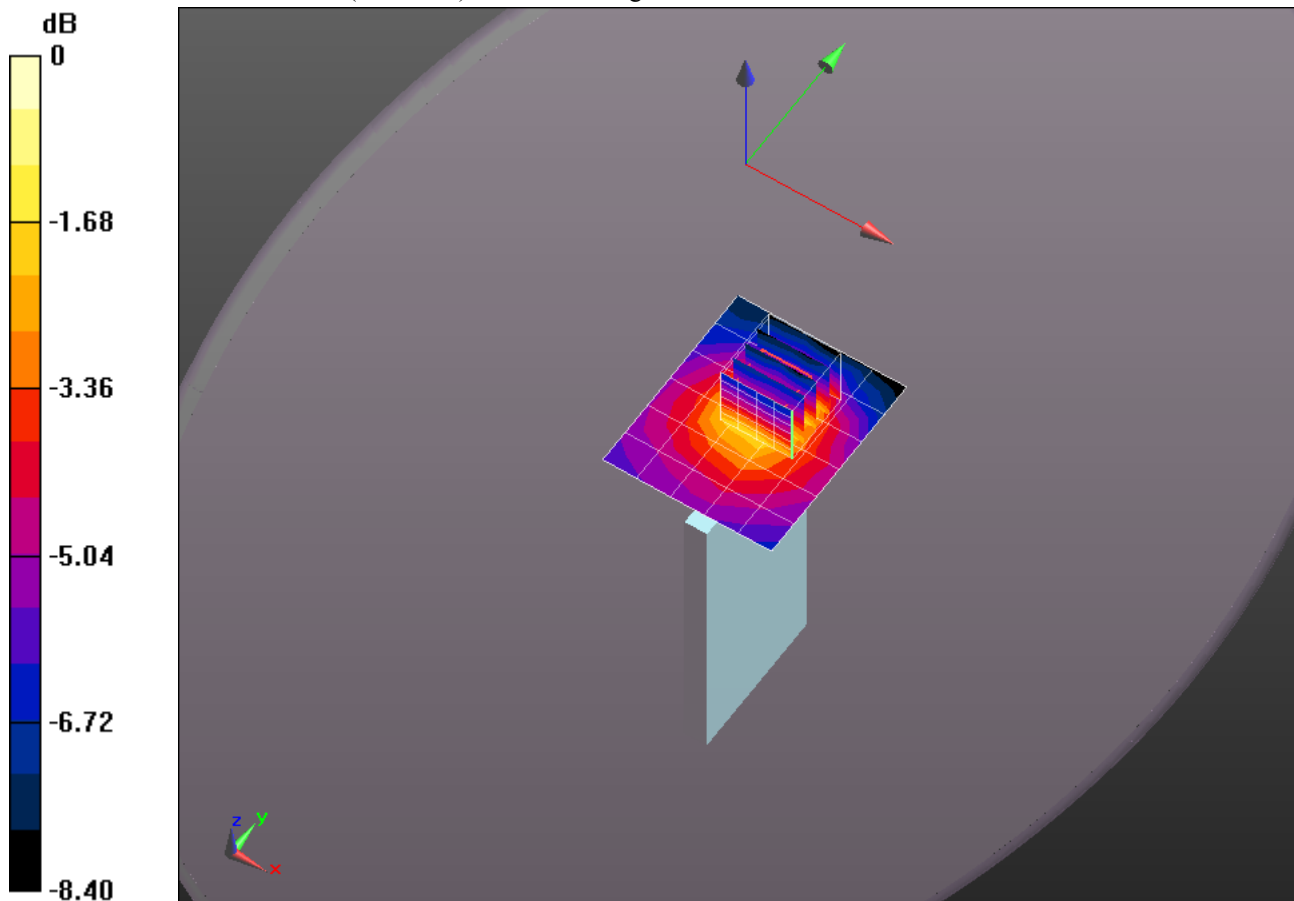
dy=8mm, dz=5mm

Reference Value = 4.972 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.069 mW/g

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.0400 mW/g



0 dB = 0.0338 mW/g = -29.42 dB mW/g

Plot 258

Date/Time: 2/25/2014 2:47:52 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 54.402$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.2C; Medium Temperature: 20.6C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Left 10mm_25RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.230 mW/g

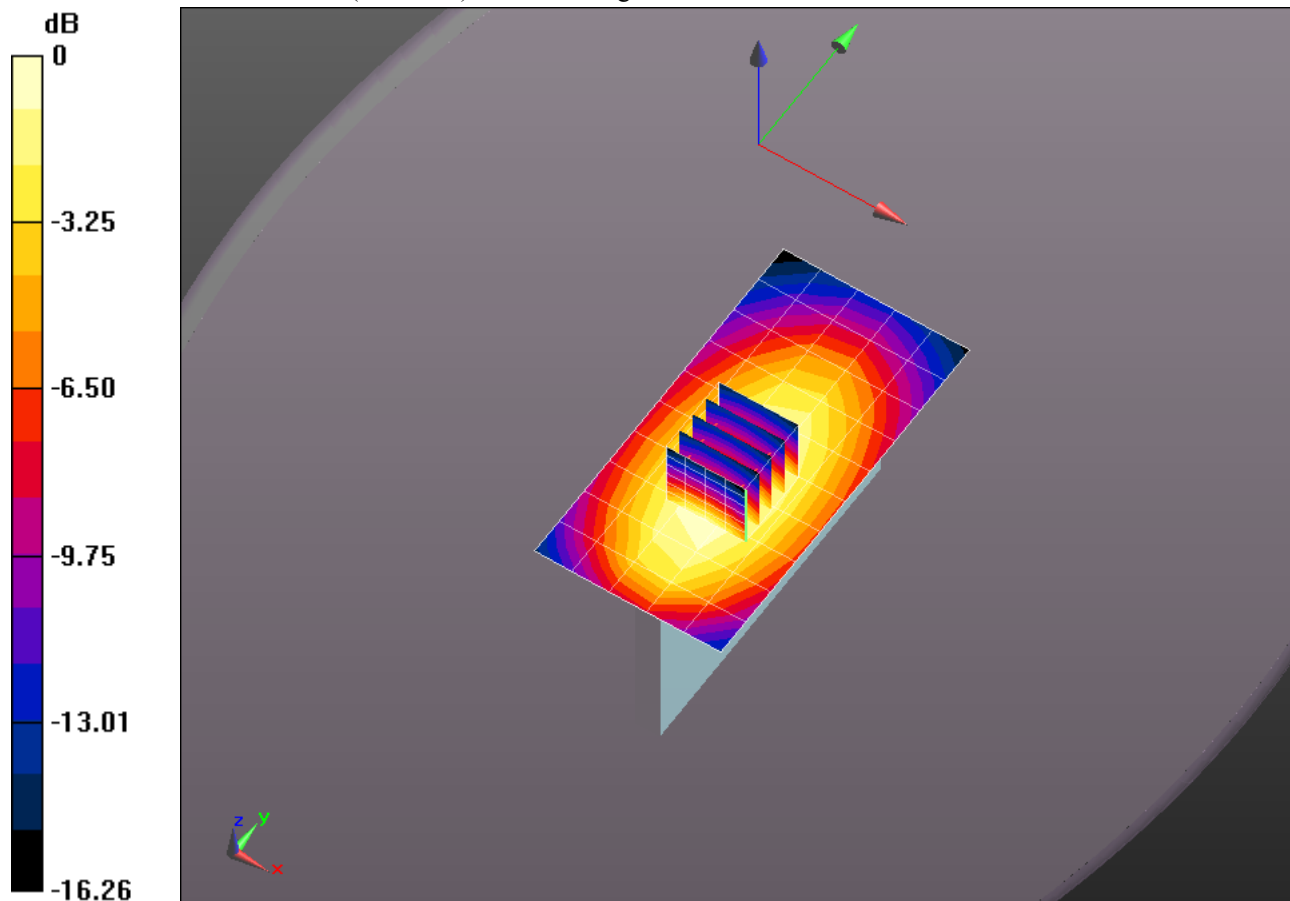
Ceramic_Flat/Left 10mm_25RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.297 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.289 mW/g

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.230 mW/g = -12.75 dB mW/g

Plot 259

Date/Time: 2/25/2014 3:16:38 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 710 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 54.402$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.9C; Medium Temperature: 20C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Ceramic_Flat/Right 10mm_25RB/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.115 mW/g

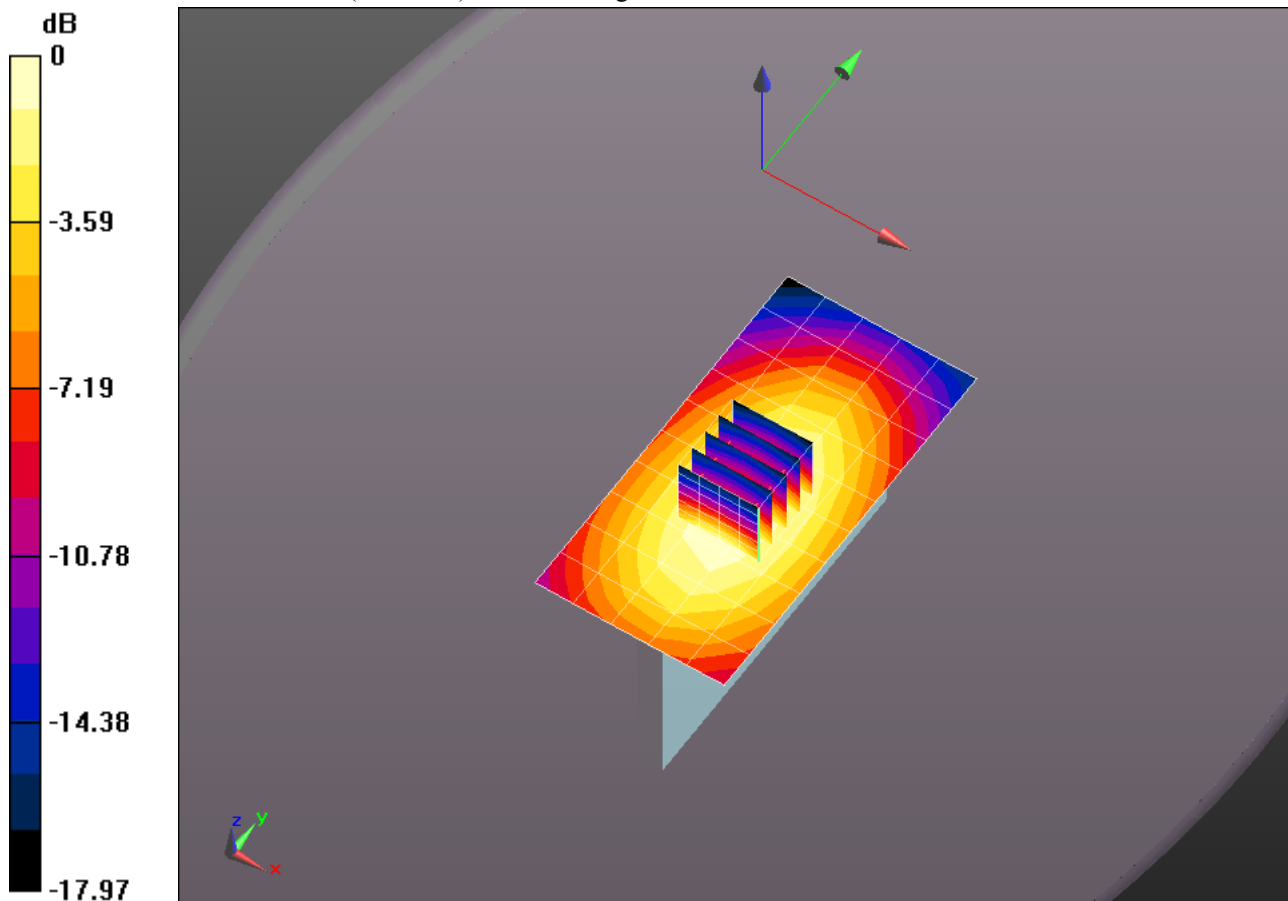
Ceramic_Flat/Right 10mm_25RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.657 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.143 mW/g

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.119 mW/g



0 dB = 0.115 mW/g = -18.76 dB mW/g

Plot 260

Date/Time: 2/20/2014 8:43:25 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600668

Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.157$ mho/m; $\epsilon_r = 47.919$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 21.2C; Medium Temperature: 21.17C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.59, 4.59, 4.59); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section_5260 & 5180/Front 10mm/Area Scan (11x18x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0137 mW/g

Flat-Section_5260 & 5180/Front 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: $dx=4$ mm,

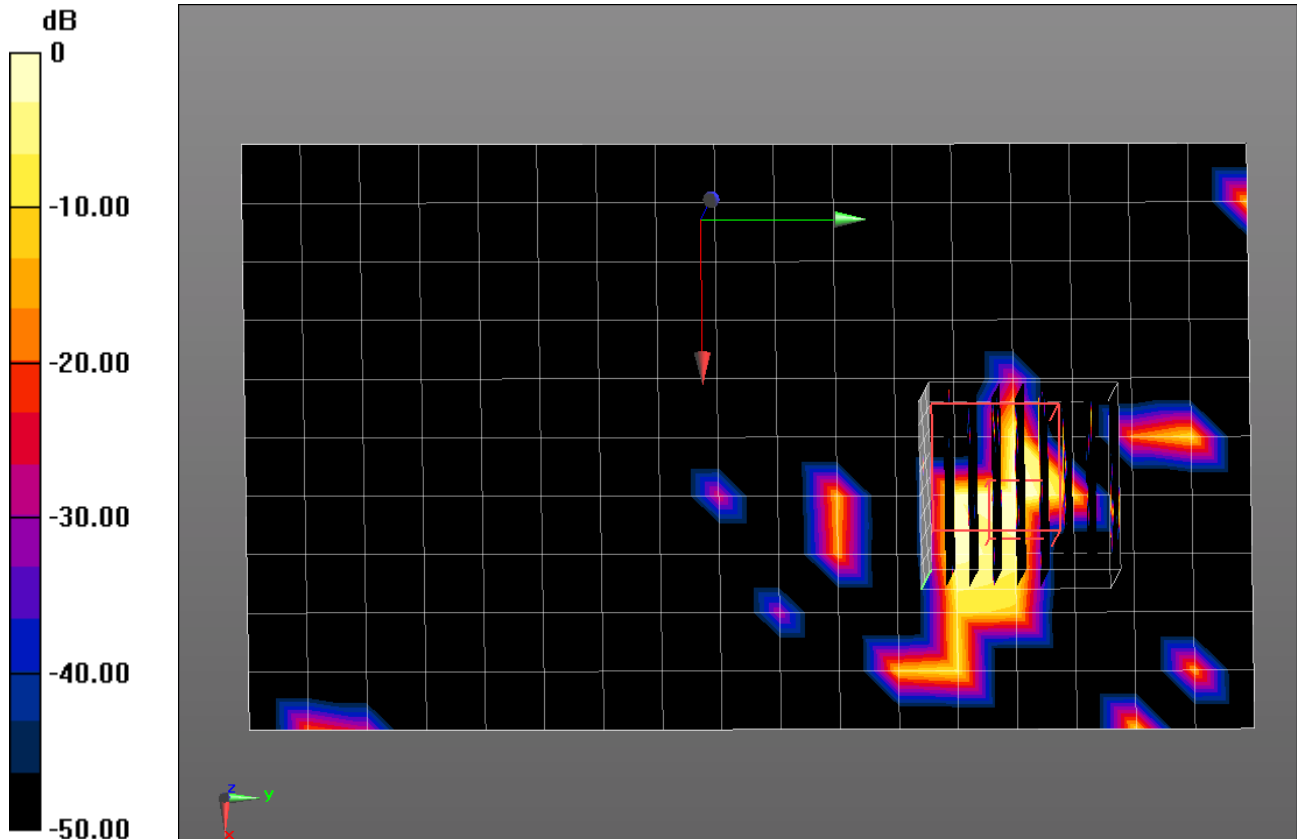
 $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.020 mW/g

SAR(1 g) = 0.000498 mW/g; SAR(10 g) = 5.03e-005 mW/g

Maximum value of SAR (measured) = 0.0110 mW/g



0 dB = 0.0110 mW/g = -39.17 dB mW/g

Plot 261

Date/Time: 2/5/2014 10:26:49 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600796

Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.289$ mho/m; $\epsilon_r = 48.915$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.6C; Medium Temperature: 20.4C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.59, 4.59, 4.59); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section_5180/Back 10mm/Area Scan (12x18x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0162 mW/g

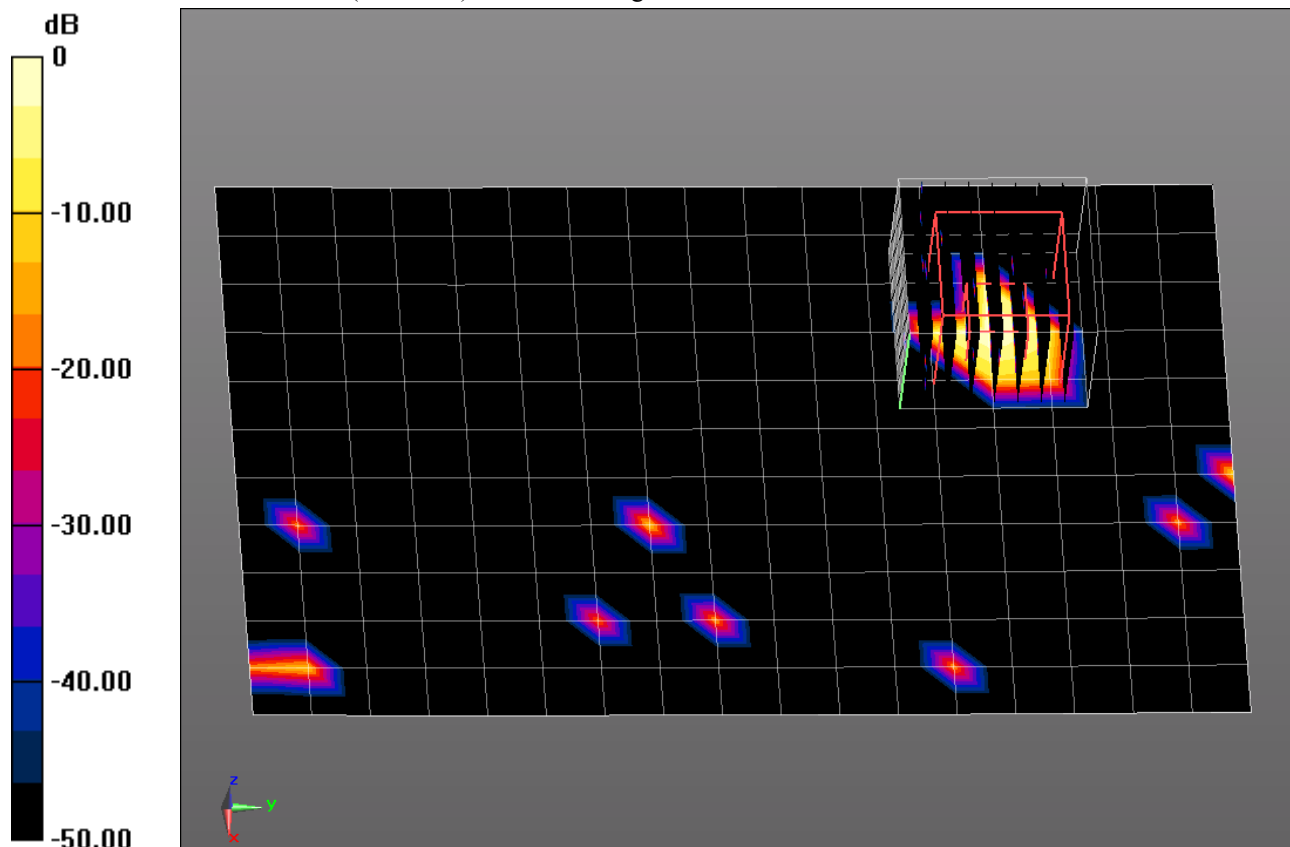
Flat-Section_5180/Back 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.216 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.111 mW/g

SAR(1 g) = 0.00569 mW/g; SAR(10 g) = 0.000649 mW/g

Maximum value of SAR (measured) = 0.0145 mW/g



0 dB = 0.0145 mW/g = -36.77 dB mW/g

Plot 262

Date/Time: 2/6/2014 10:27:01 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600961

Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.335$ mho/m; $\epsilon_r = 47.48$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 20C; Medium Temperature: 20.7C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.45, 4.45, 4.45); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section_5260/Front 10mm/Area Scan (11x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0104 mW/g

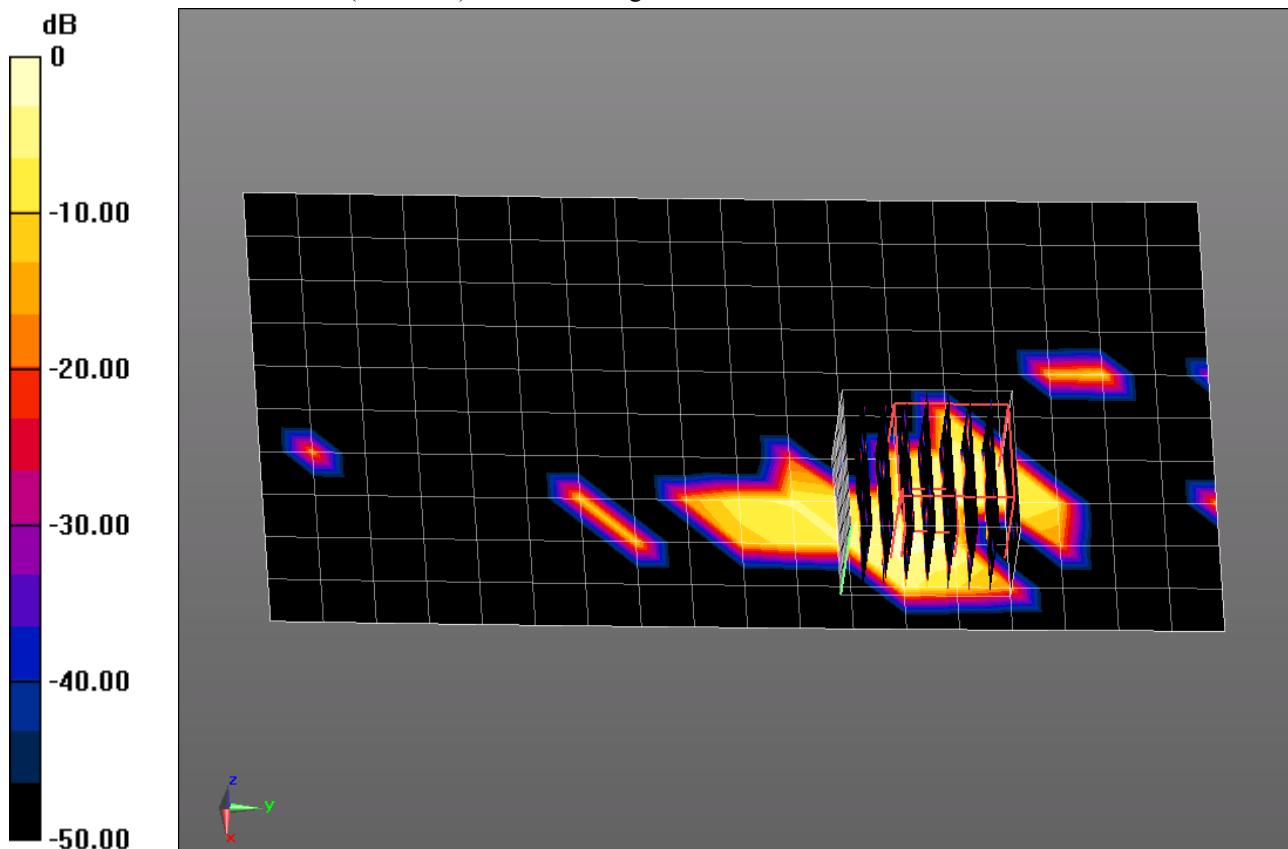
Flat-Section_5260/Front 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.110 mW/g

SAR(1 g) = 0.005 mW/g; SAR(10 g) = 0.00081 mW/g

Maximum value of SAR (measured) = 0.0151 mW/g



0 dB = 0.0151 mW/g = -36.42 dB mW/g

Plot 263

Date/Time: 2/6/2014 11:27:39 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600961

Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.335$ mho/m; $\epsilon_r = 47.48$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 20.2C; Medium Temperature: 20.7C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.45, 4.45, 4.45); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.1(838);

Flat-Section_5260/Back 10mm/Area Scan (12x18x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0464 mW/g

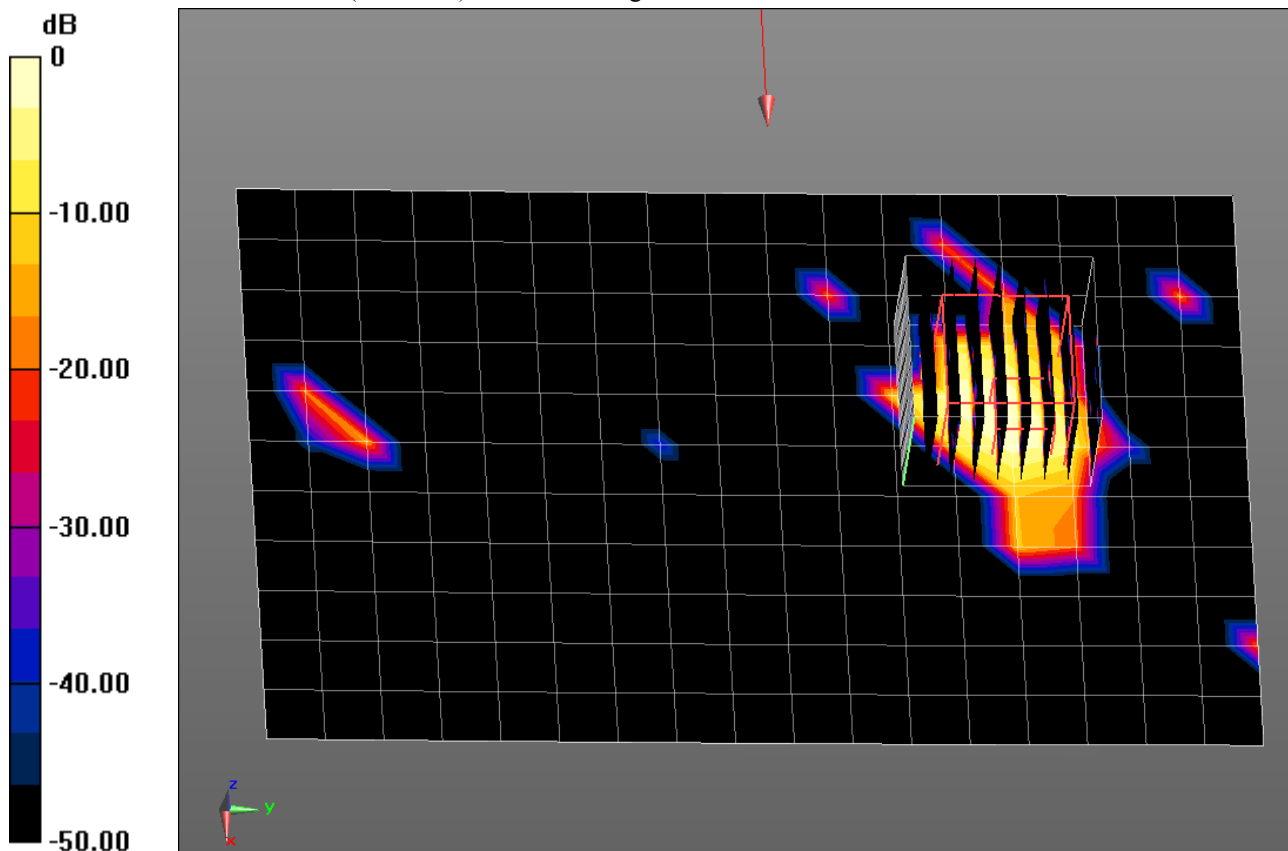
Flat-Section_5260/Back 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.779 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.279 mW/g

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.00825 mW/g

Maximum value of SAR (measured) = 0.0615 mW/g



0 dB = 0.0615 mW/g = -24.22 dB mW/g

Plot 264

Date/Time: 2/7/2014 12:45:52 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600961

Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.637$ mho/m; $\epsilon_r = 46.797$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 21.2C; Medium Temperature: 20.45C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.06, 4.06, 4.06); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section_5520/Front 10mm/Area Scan (11x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0526 mW/g

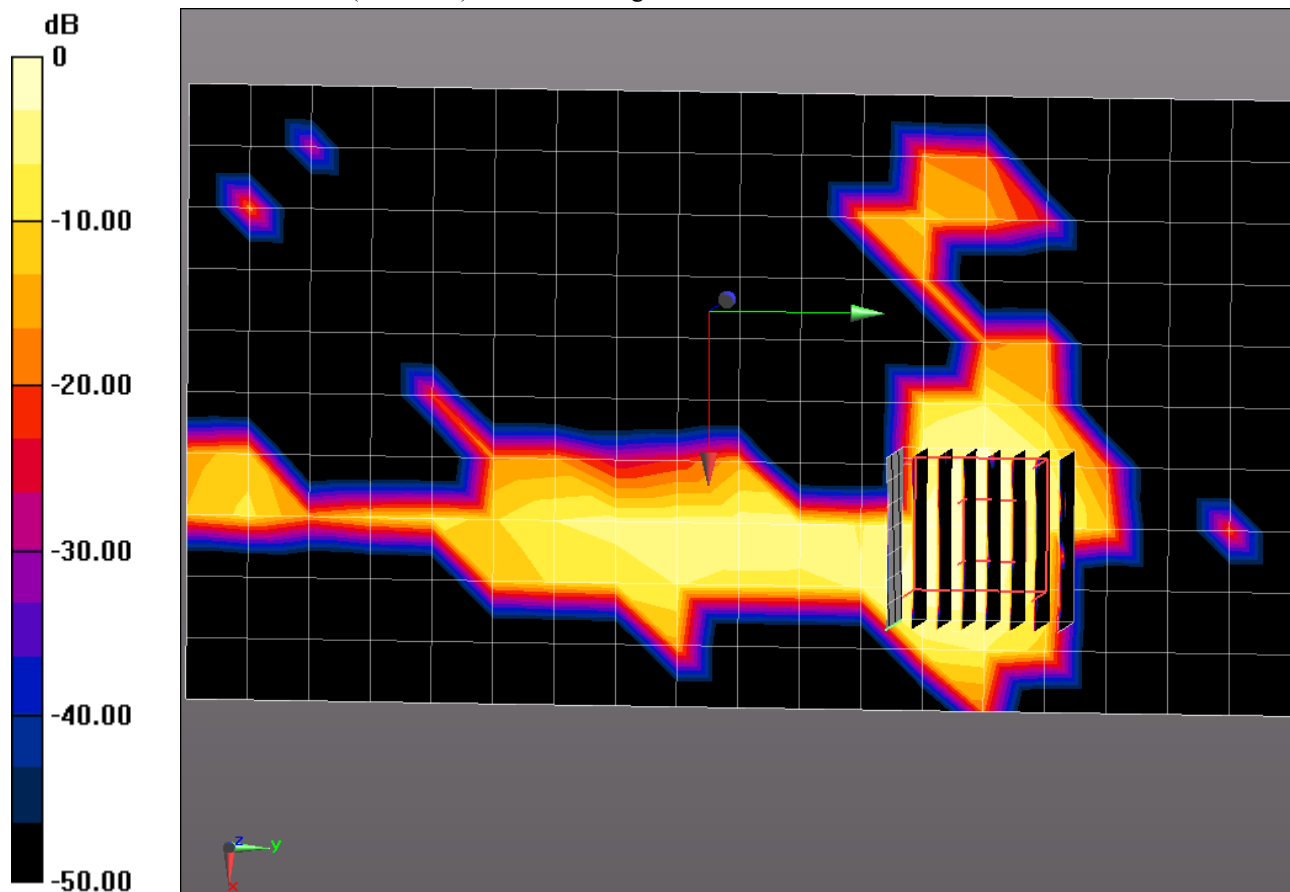
Flat-Section_5520/Front 10mm/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.246 mW/g

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00917 mW/g

Maximum value of SAR (measured) = 0.0539 mW/g



0 dB = 0.0539 mW/g = -25.37 dB mW/g

Plot 265

Date/Time: 2/7/2014 1:38:36 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600961

Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.637$ mho/m; $\epsilon_r = 46.797$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 20.45C; Medium Temperature: 20.7C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.06, 4.06, 4.06); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.1(838);

Flat-Section_5520/Back 10mm/Area Scan (12x18x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0906 mW/g

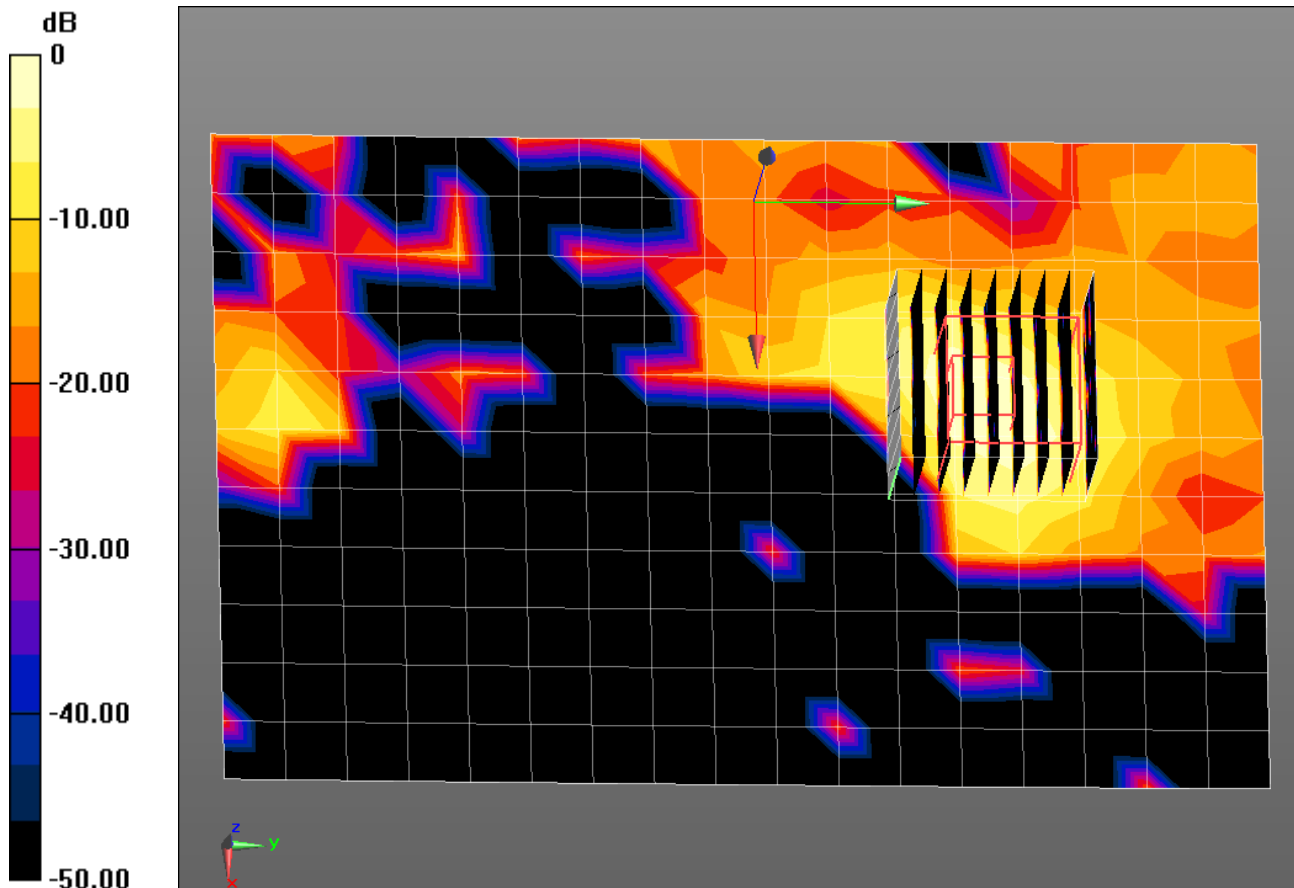
Flat-Section_5520/Back 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.287 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.275 mW/g

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.101 mW/g = -19.91 dB mW/g

Plot 266

Date/Time: 2/13/2014 11:54:28 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600961

Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5745$ MHz; $\sigma = 6.175$ mho/m; $\epsilon_r = 47.184$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.4C; Medium Temperature: 20.7C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.27, 4.27, 4.27); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section_5745/Front 10mm/Area Scan (11x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

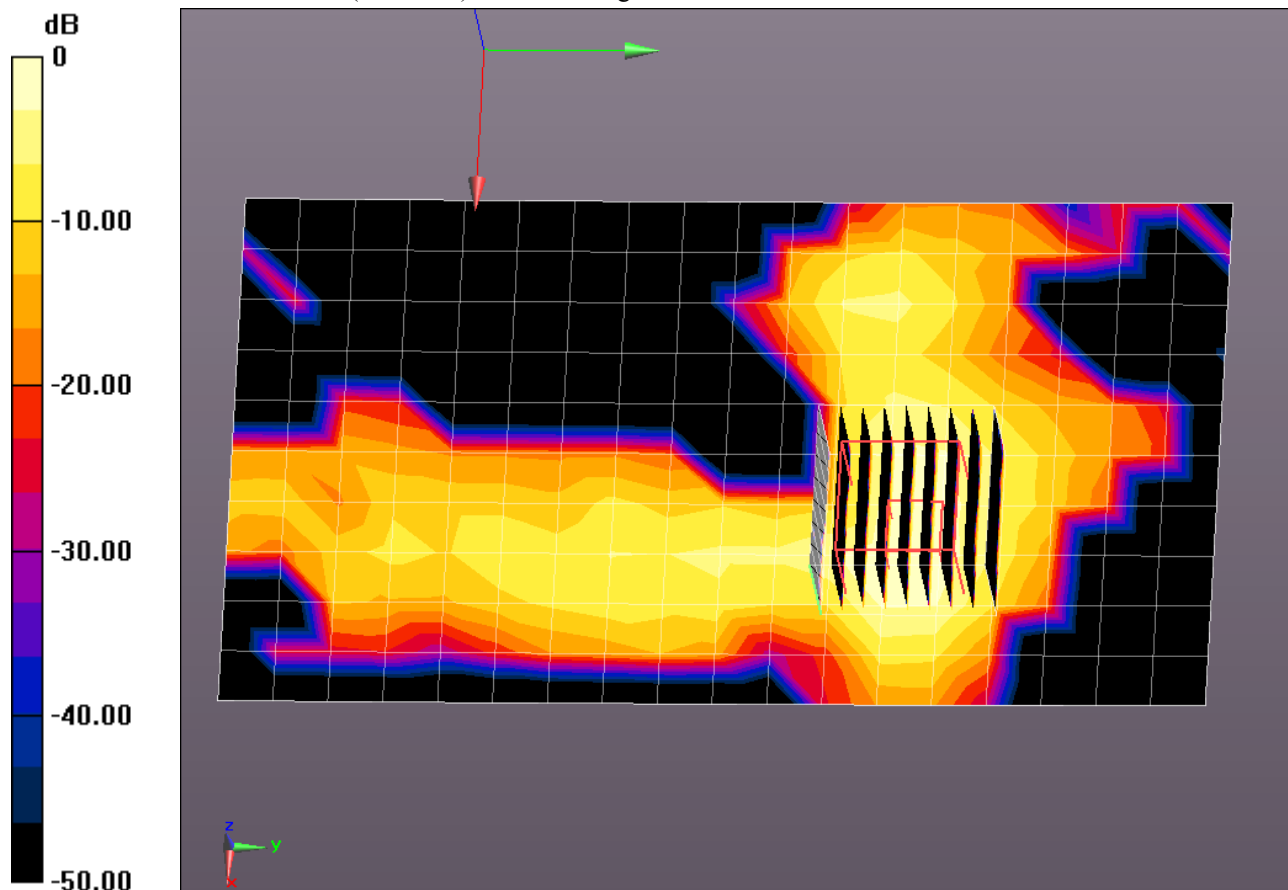
Flat-Section_5745/Front 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.514 mW/g

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.169 mW/g



0 dB = 0.169 mW/g = -15.44 dB mW/g

Plot 267

Date/Time: 2/14/2014 5:27:02 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600961

Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5745$ MHz; $\sigma = 6.175$ mho/m; $\epsilon_r = 47.184$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21C; Medium Temperature: 20.6C; Comments:

;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.27, 4.27, 4.27); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section_5745/Back 10mm/Area Scan (12x18x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.238 mW/g

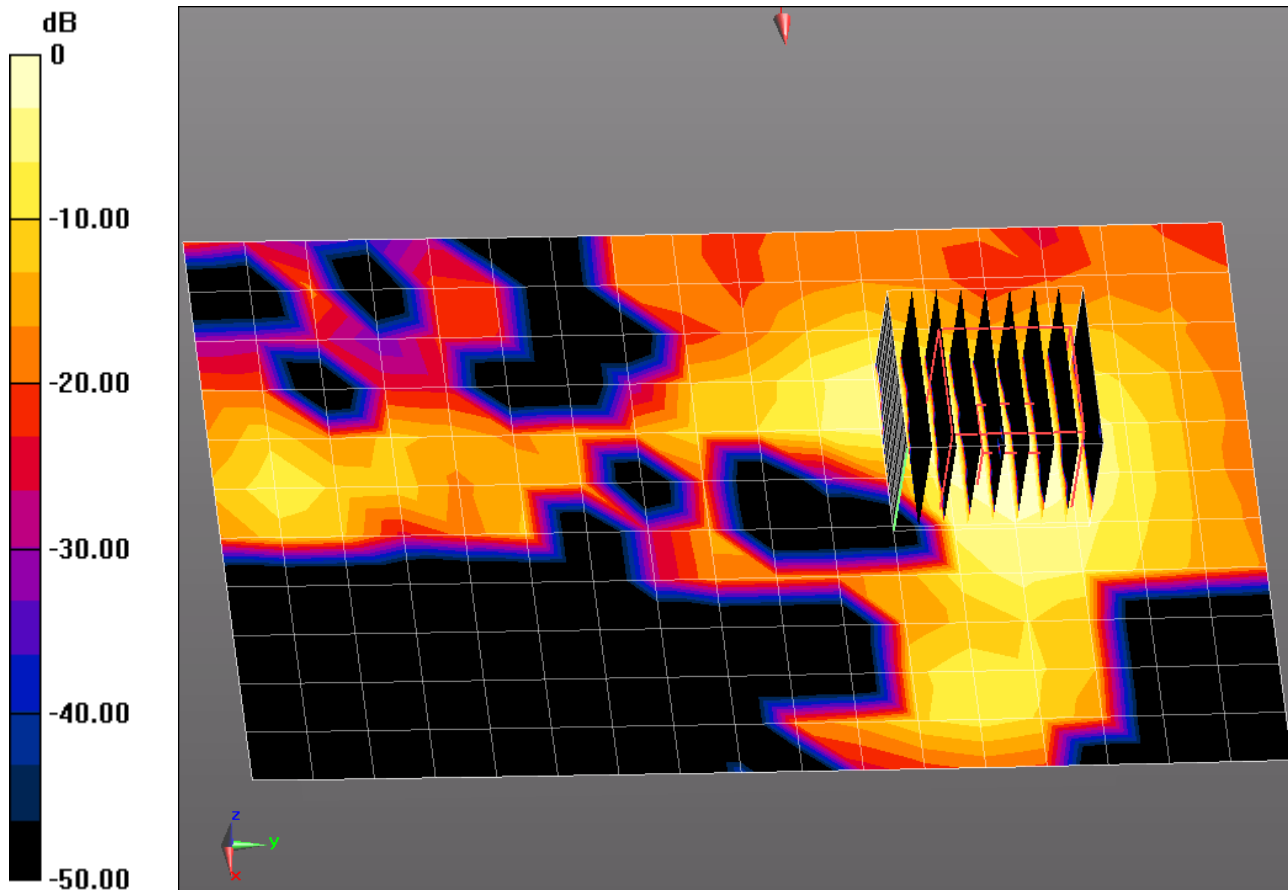
Flat-Section_5745/Back 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.831 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.487 mW/g

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.246 mW/g = -12.18 dB mW/g

Plot 268

Date/Time: 2/14/2014 6:29:09 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600961

Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5745$ MHz; $\sigma = 6.175$ mho/m; $\epsilon_r = 47.184$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.8C; Medium Temperature: 20.6C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.27, 4.27, 4.27); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section_5745/Top 10mm/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.278 mW/g

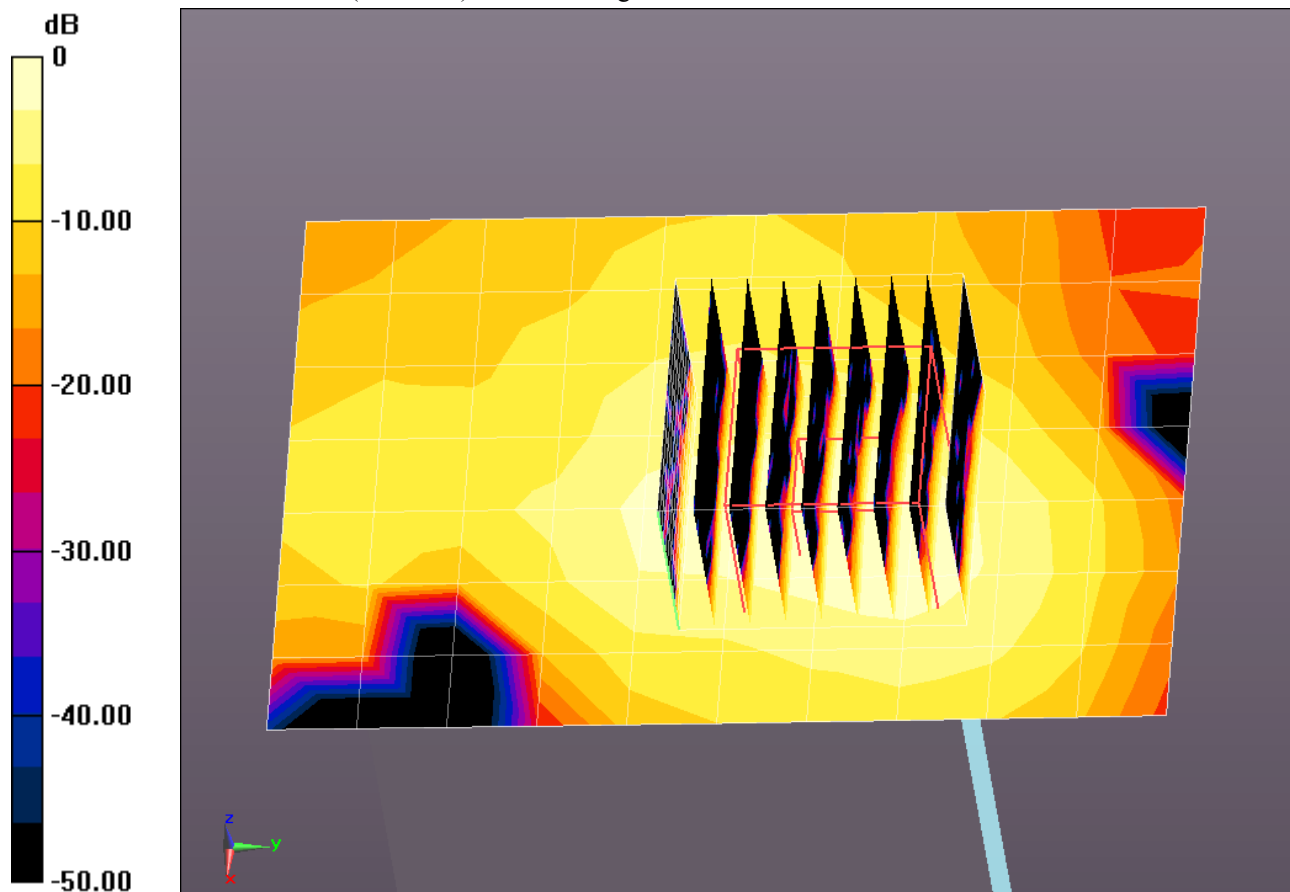
Flat-Section_5745/Top 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.822 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.577 mW/g

SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.048 mW/g

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



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

Plot 269

Date/Time: 2/24/2014 1:09:56 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Saltbay; Type: Phone; Serial: INV133601025

Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5745$ MHz; $\sigma = 6.082$ mho/m; $\epsilon_r = 47.662$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 21C; Medium Temperature: 20.32C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.27, 4.27, 4.27); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Right Edge_5745MHz/Right Edge 10mm/Area Scan (9x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.141 mW/g

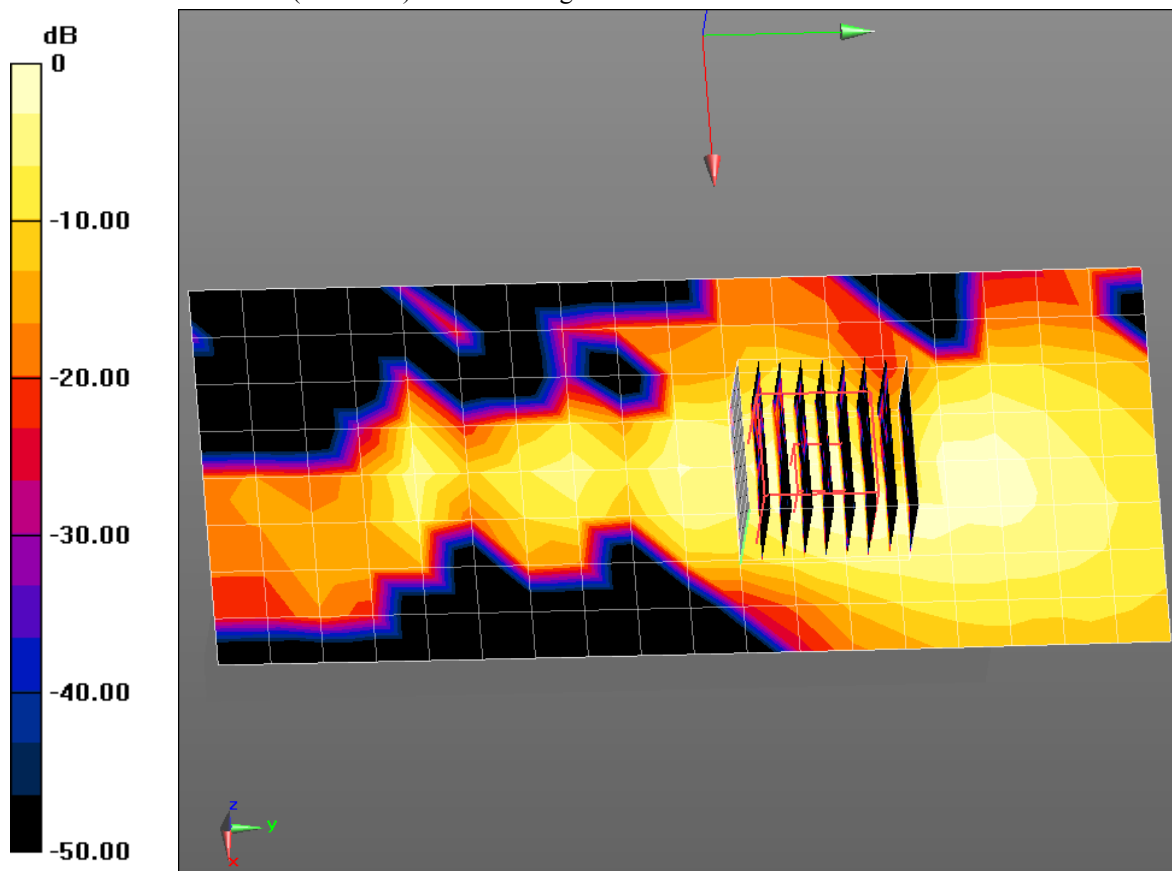
Right Edge_5745MHz/Right Edge 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.413 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.517 mW/g

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.176 mW/g



0 dB = 0.176 mW/g = -15.09 dB mW/g

Plot 270

Date/Time: 5/1/2014 1:11:38 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: Phone; Serial: INV133601261

Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.285$ S/m; $\epsilon_r = 48.468$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 21.8C; Comments:

;

DASY Configuration:

- Probe: EX3DV4 - SN3739; ConvF(4.55, 4.55, 4.55); Calibrated: 3/18/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1233; Calibrated: 3/17/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

5180MHz, 5260MHz & 5520MHz/Front 10mm_5180MHz/Area Scan (12x18x1): Measurement grid:

 $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0440 W/kg

5180MHz, 5260MHz & 5520MHz/Front 10mm_5180MHz/Zoom Scan (9x9x12)/Cube 0: Measurement

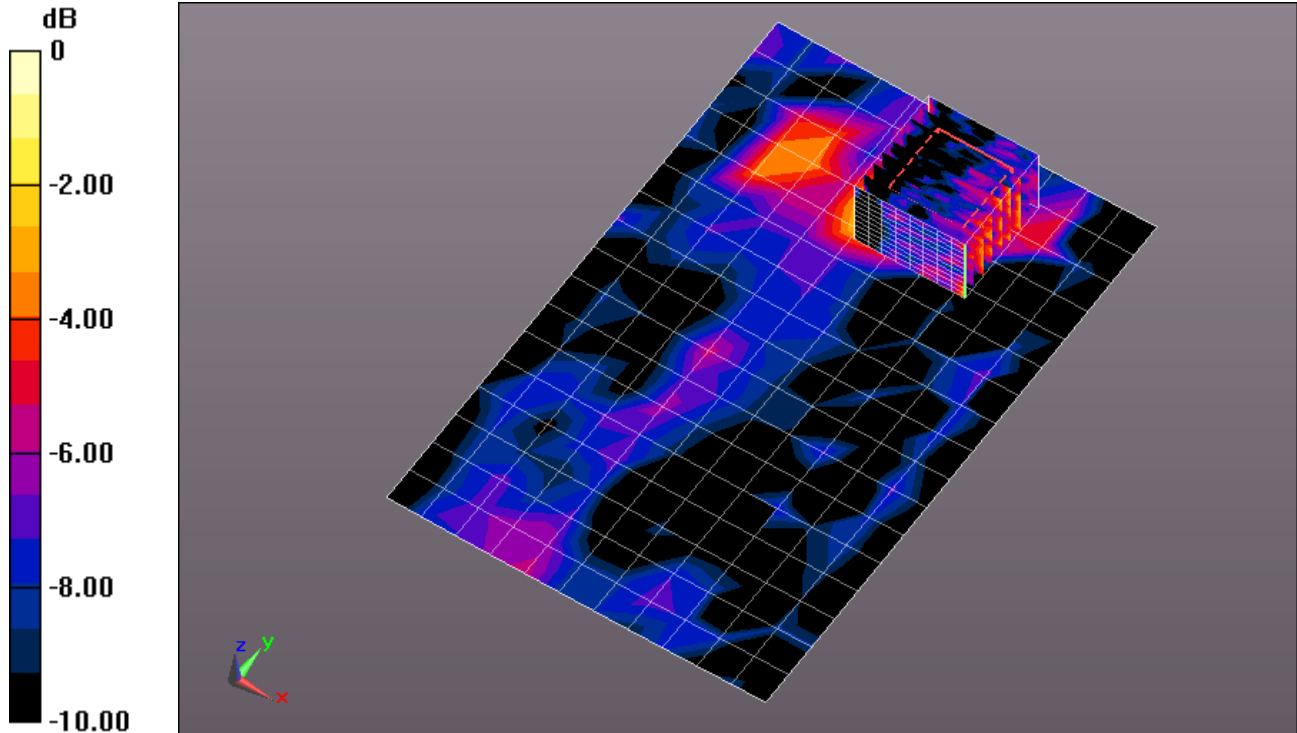
grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.233 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00898 W/kg

Maximum value of SAR (measured) = 0.0431 W/kg



0 dB = 0.0431 W/kg = -13.66 dBW/kg

Plot 271

Date/Time: 2/21/2014 12:43:56 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600668

Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.157$ mho/m; $\epsilon_r = 47.919$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21C; Medium Temperature: 20.6C; Comments:

;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.59, 4.59, 4.59); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Ceramic Back/Back 10mm/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.126 mW/g

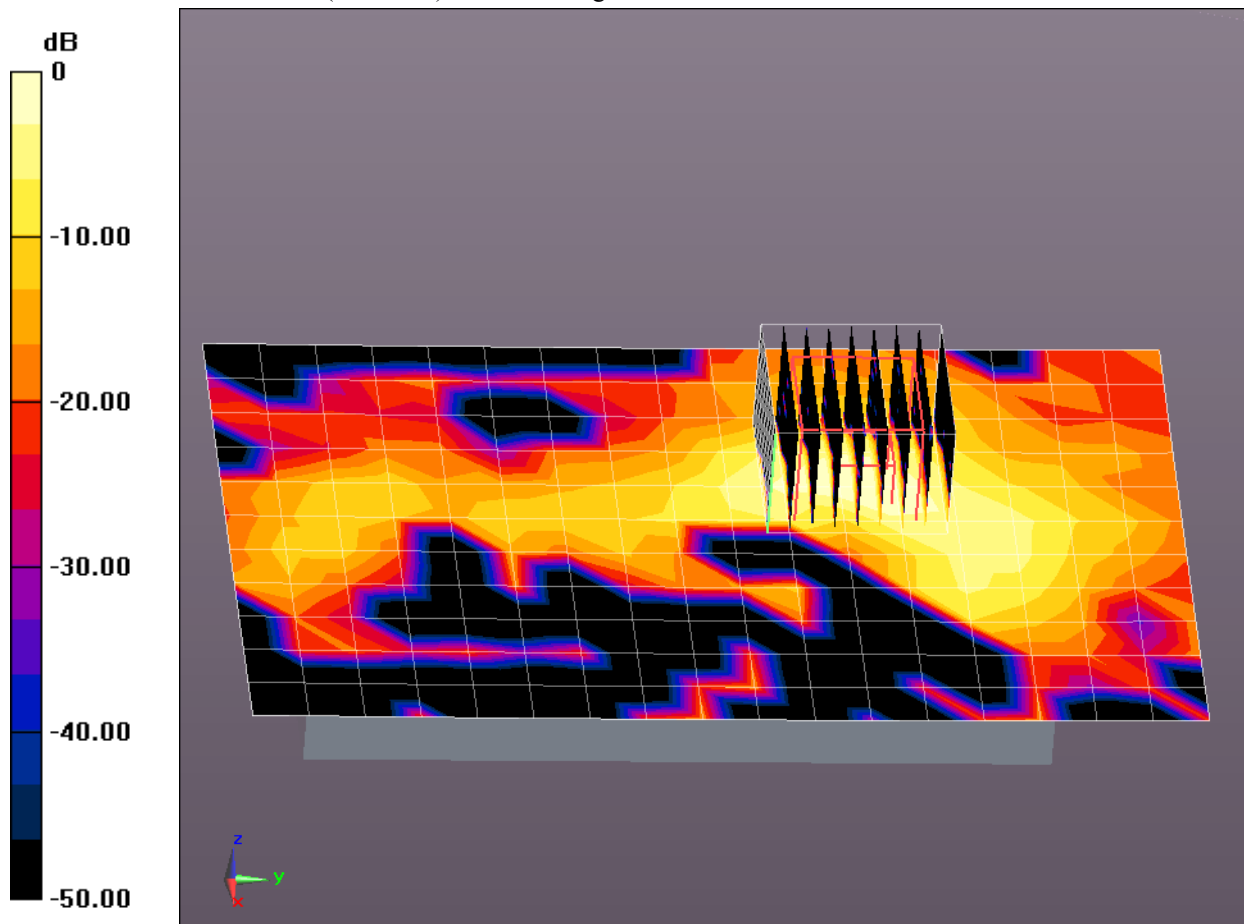
Ceramic Back/Back 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.150 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.284 mW/g

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.124 mW/g



0 dB = 0.124 mW/g = -18.13 dB mW/g

Plot 272

Date/Time: 5/1/2014 2:17:11 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: Phone; Serial: INV133601261

Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.431$ S/m; $\epsilon_r = 48.402$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.9C; Medium Temperature: 21.7C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3739; ConvF(4.35, 4.35, 4.35); Calibrated: 3/18/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1233; Calibrated: 3/17/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

5180MHz, 5260MHz & 5520MHz/Front 10mm_5260MHz/Area Scan (12x18x1): Measurement grid:

 $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0666 W/kg

5180MHz, 5260MHz & 5520MHz/Front 10mm_5260MHz/Zoom Scan (9x10x12)/Cube 0:

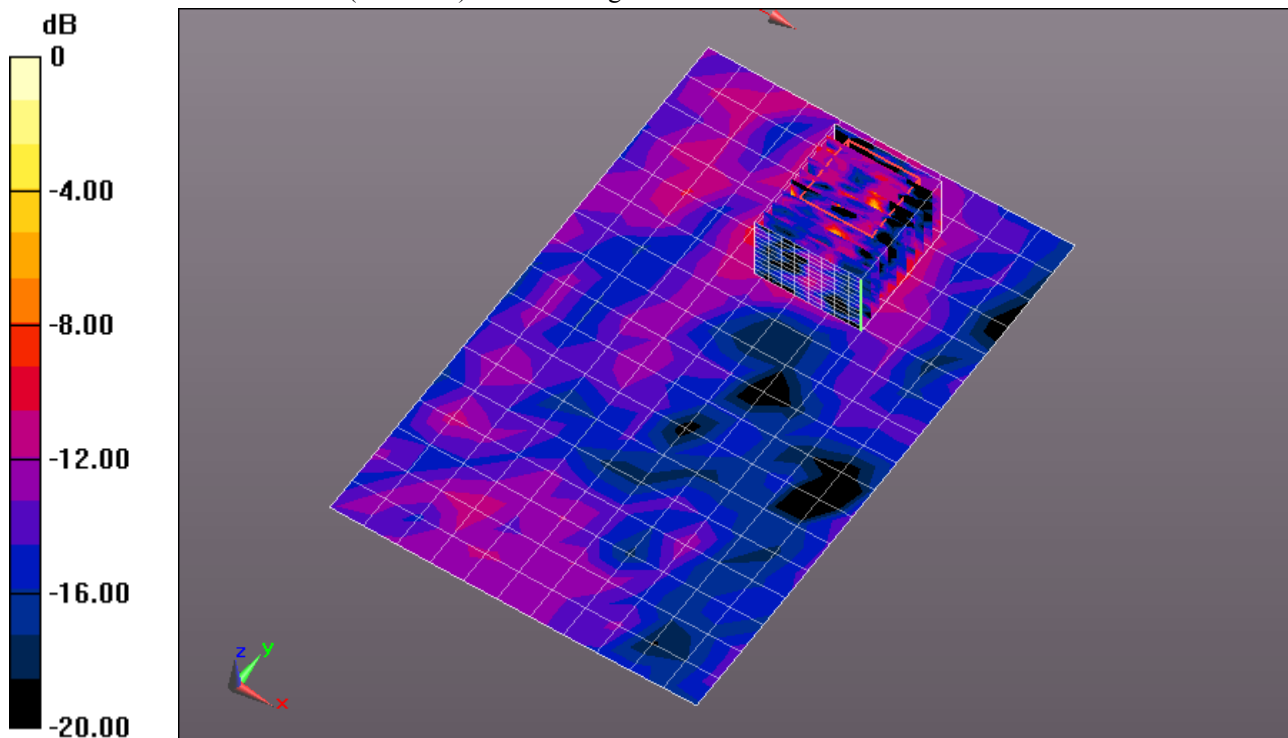
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.194 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00718 W/kg

Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

Plot 273

Date/Time: 2/21/2014 3:28:57 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600668

Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.323$ mho/m; $\epsilon_r = 47.897$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21C; Medium Temperature: 20C; Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.45, 4.45, 4.45); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Ceramic Back/Back 10mm 2/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.186 mW/g

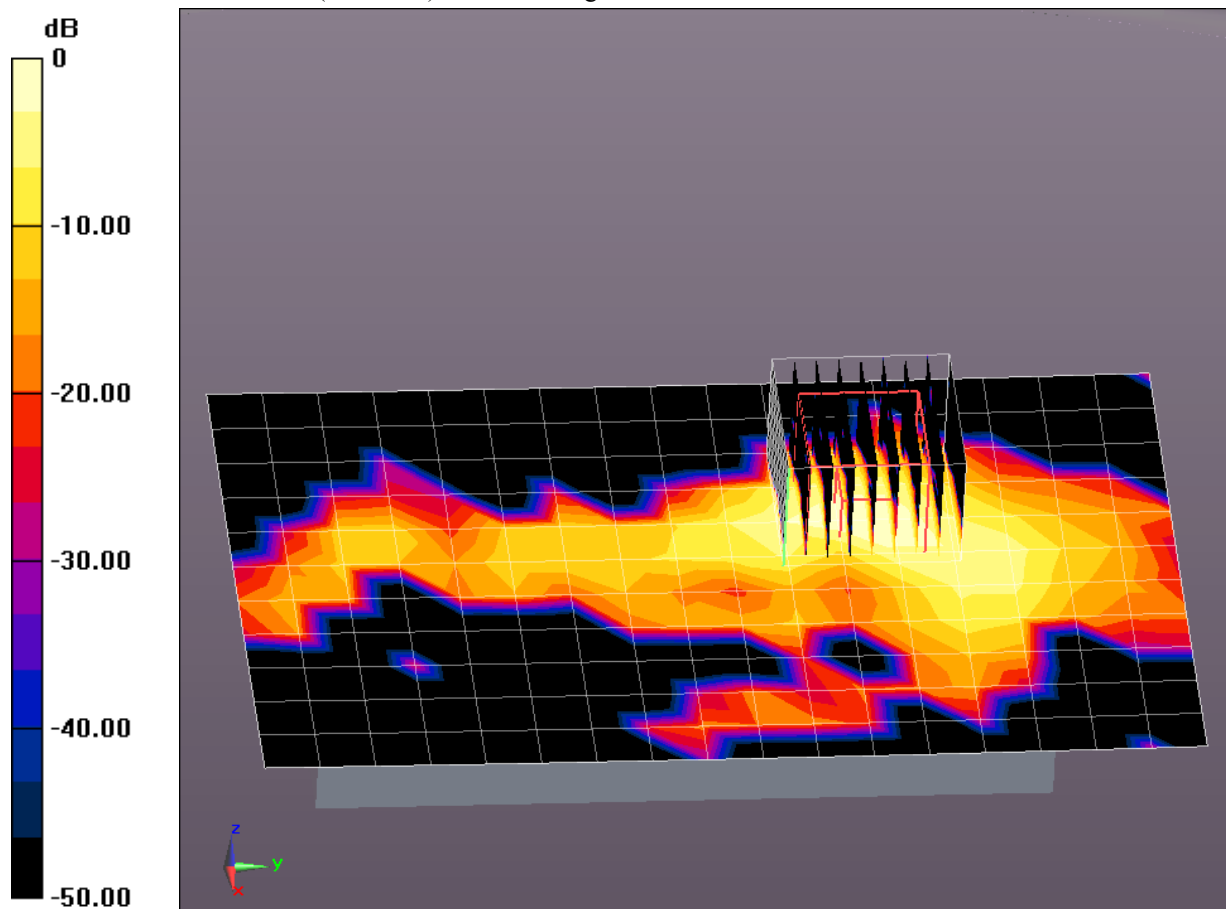
Ceramic Back/Back 10mm 2/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.741 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.376 mW/g

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.194 mW/g



0 dB = 0.194 mW/g = -14.24 dB mW/g

Plot 274

Date/Time: 5/1/2014 3:22:53 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: Phone; Serial: INV133601261

Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.754$ S/m; $\epsilon_r = 47.804$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.8C; Medium Temperature: 21.5C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3739; ConvF(4, 4, 4); Calibrated: 3/18/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1233; Calibrated: 3/17/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

5180MHz, 5260MHz & 5520MHz/Front 10mm_5520MHz/Area Scan (12x18x1): Measurement grid:

 $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.110 W/kg

5180MHz, 5260MHz & 5520MHz/Front 10mm_5520MHz/Zoom Scan (11x11x12)/Cube 0:

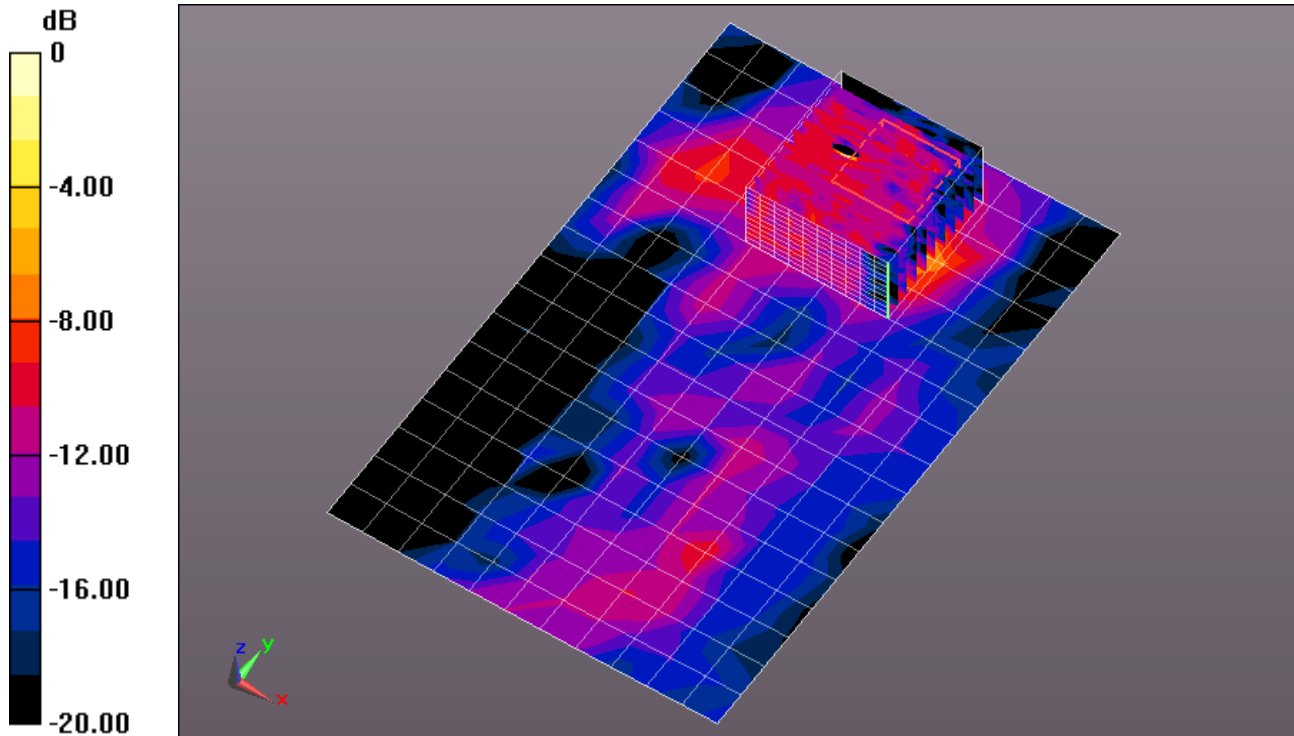
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.465 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.346 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.346 W/kg = -4.61 dBW/kg

Plot 275

Date/Time: 5/1/2014 5:01:29 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel SB; Type: Phone; Serial: INV133601261

Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.754$ S/m; $\epsilon_r = 47.804$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.9C; Medium Temperature: 21.6C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3739; ConvF(4, 4, 4); Calibrated: 3/18/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1233; Calibrated: 3/17/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

5180MHz, 5260MHz & 5520MHz/Back 10mm_5520MHz/Area Scan (12x18x1): Measurement grid:

 $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.324 W/kg

5180MHz, 5260MHz & 5520MHz/Back 10mm_5520MHz/Zoom Scan (10x11x12)/Cube 0:

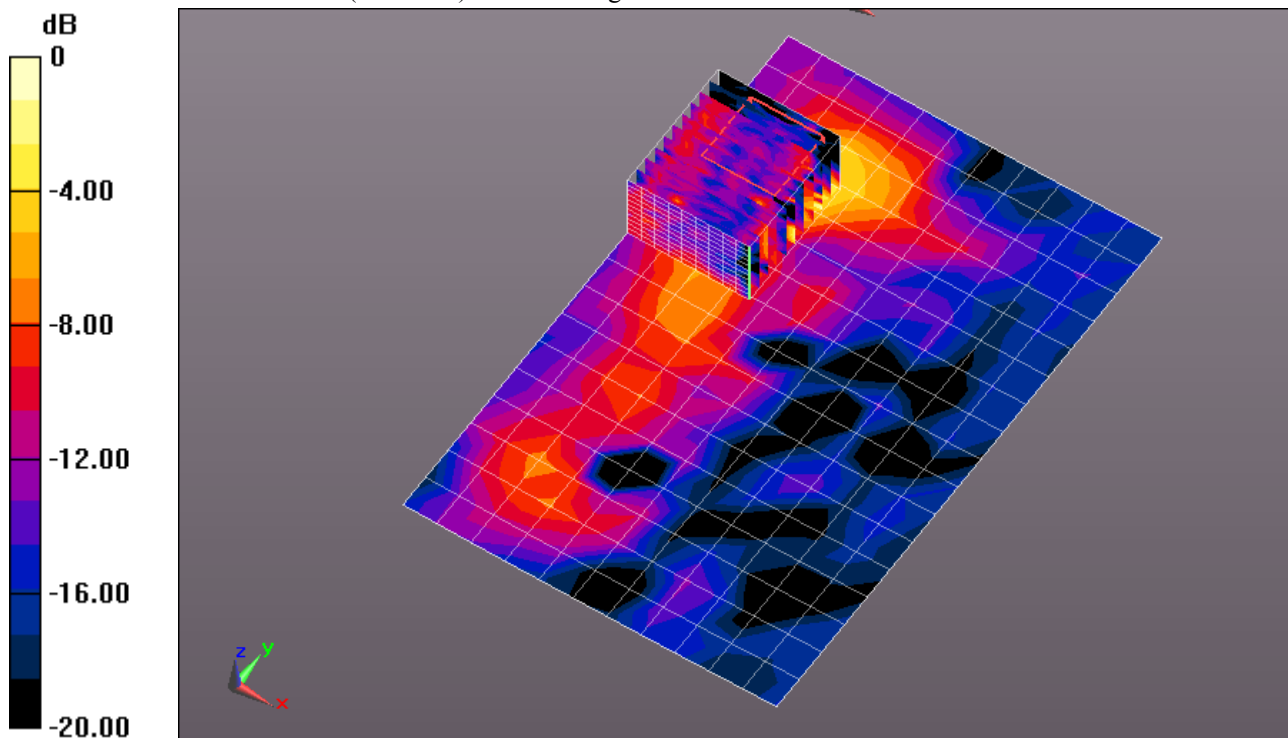
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.724 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.617 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.328 W/kg



Plot 276

Date/Time: 2/24/2014 2:23:13 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133601011

Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5745$ MHz; $\sigma = 6.082$ mho/m; $\epsilon_r = 47.662$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 22.2C; Medium Temperature: 20.32C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.27, 4.27, 4.27); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section_5745_Ceramic/Top 10mm_Ceramic/Area Scan (8x11x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.125 mW/g

Flat-Section_5745_Ceramic/Top 10mm_Ceramic/Zoom Scan (9x12x12)/Cube 0: Measurement grid:

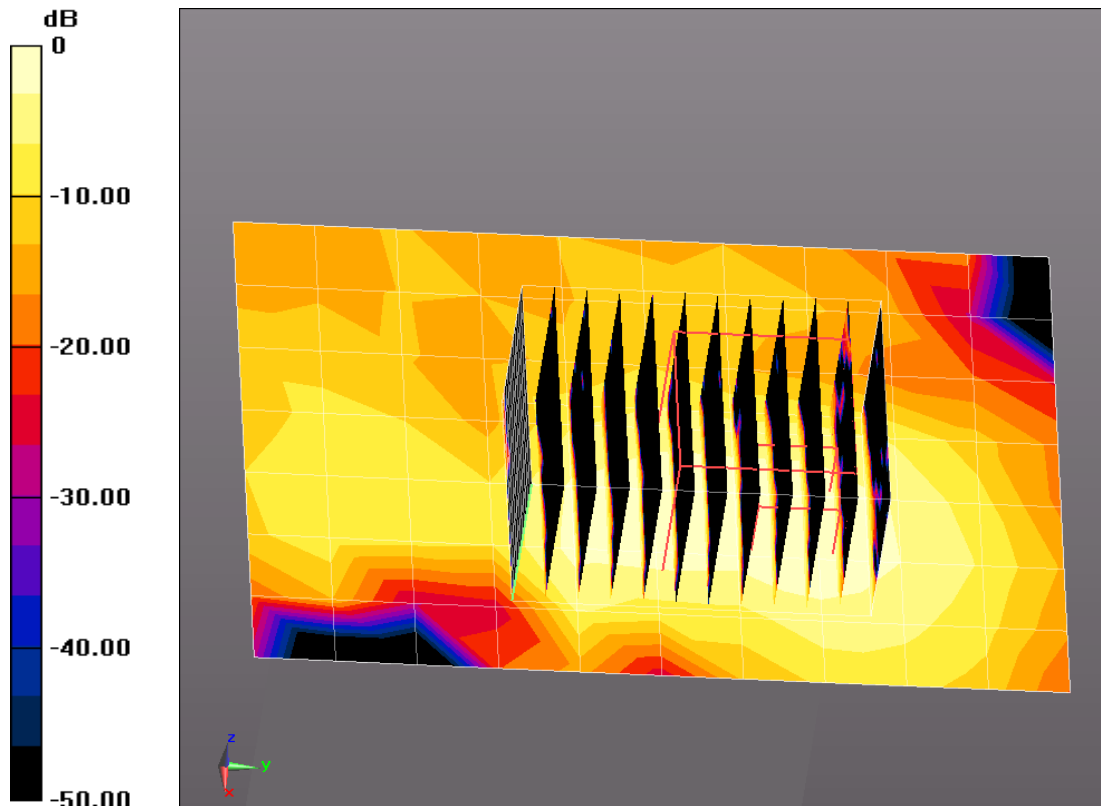
 $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.982 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.471 mW/g

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.144 mW/g



0 dB = 0.144 mW/g = -16.83 dB mW/g

Plot 277

Date/Time: 12/17/2013 3:41:11 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel SB; Type: phone; Serial: INV133600930

Communication System: 802.11 bgn 100% Duty Cycle; Frequency: 2437 MHz

Medium: MSL2450_Batch 110530-1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.916$ mho/m; $\epsilon_r = 51.374$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 26.4C; Medium Temperature: 23.6C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section/Front 10mm 2/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0428 mW/g

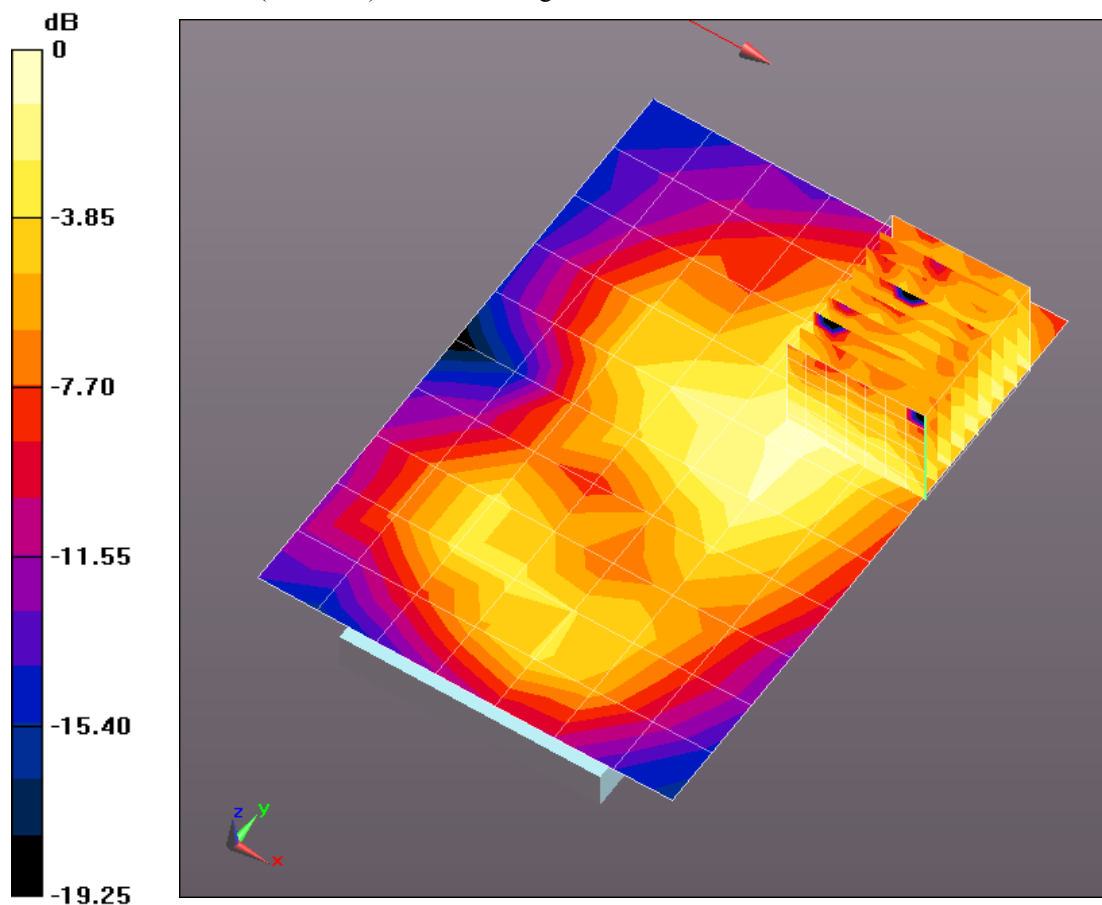
Flat-Section/Front 10mm 2/Zoom Scan (8x9x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.340 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.074 mW/g

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.0435 mW/g



0 dB = 0.0428 mW/g = -27.38 dB mW/g

Plot 278

Date/Time: 12/17/2013 4:51:52 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel SB; Type: phone; Serial: INV133600930

Communication System: 802.11 bgn 100% Duty Cycle; Frequency: 2437 MHz

Medium: MSL2450_Batch 110530-1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.916$ mho/m; $\epsilon_r = 51.374$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 27C; Medium Temperature: 24C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section/Back 10mm 2/Area Scan (9x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0595 mW/g

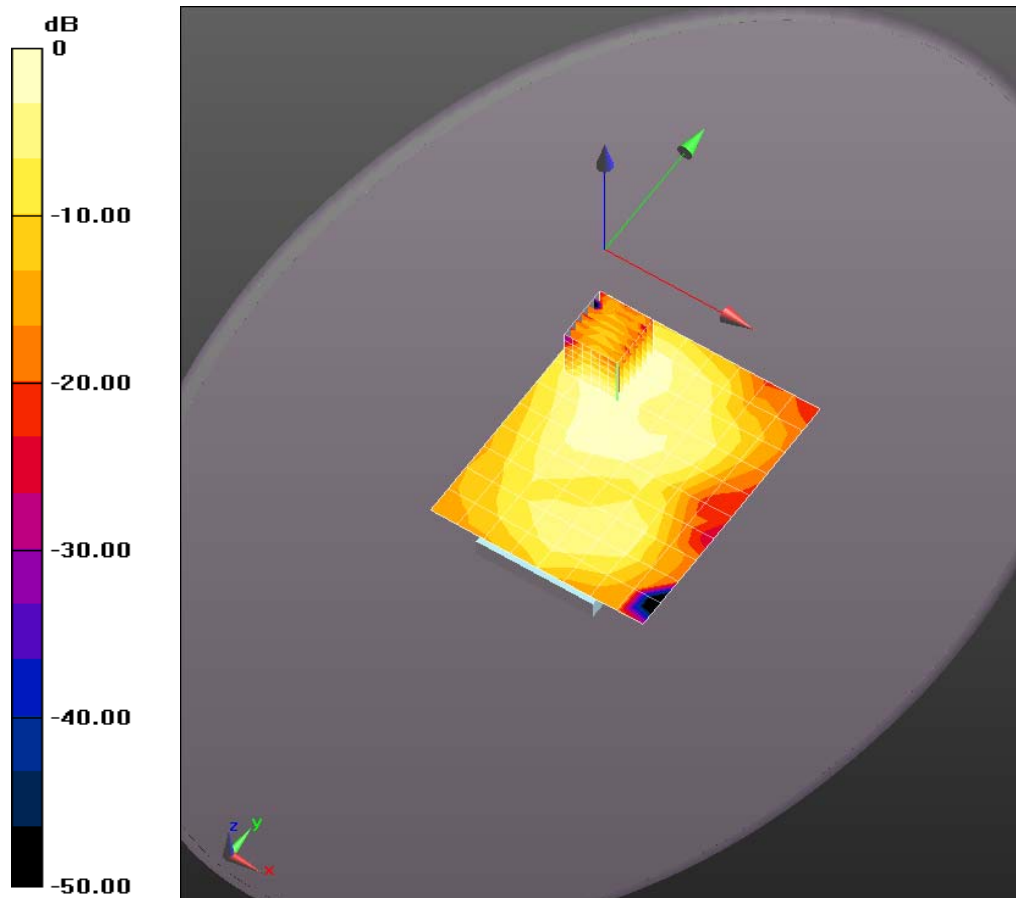
Flat-Section/Back 10mm 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.092 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.144 mW/g

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.0951 mW/g



0 dB = 0.0595 mW/g = -24.50 dB mW/g

Plot 279

Date/Time: 12/17/2013 5:22:29 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel SB; Type: phone; Serial: INV133600930

Communication System: 802.11 bgn 100% Duty Cycle; Frequency: 2437 MHz

Medium: MSL2450_Batch 110530-1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.916$ mho/m; $\epsilon_r = 51.374$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: ; Air Temperature: ; Medium Temperature: ; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASYS52 52.8.1(838);

Flat-Section/Top 10mm/Area Scan (6x9x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0220 mW/g

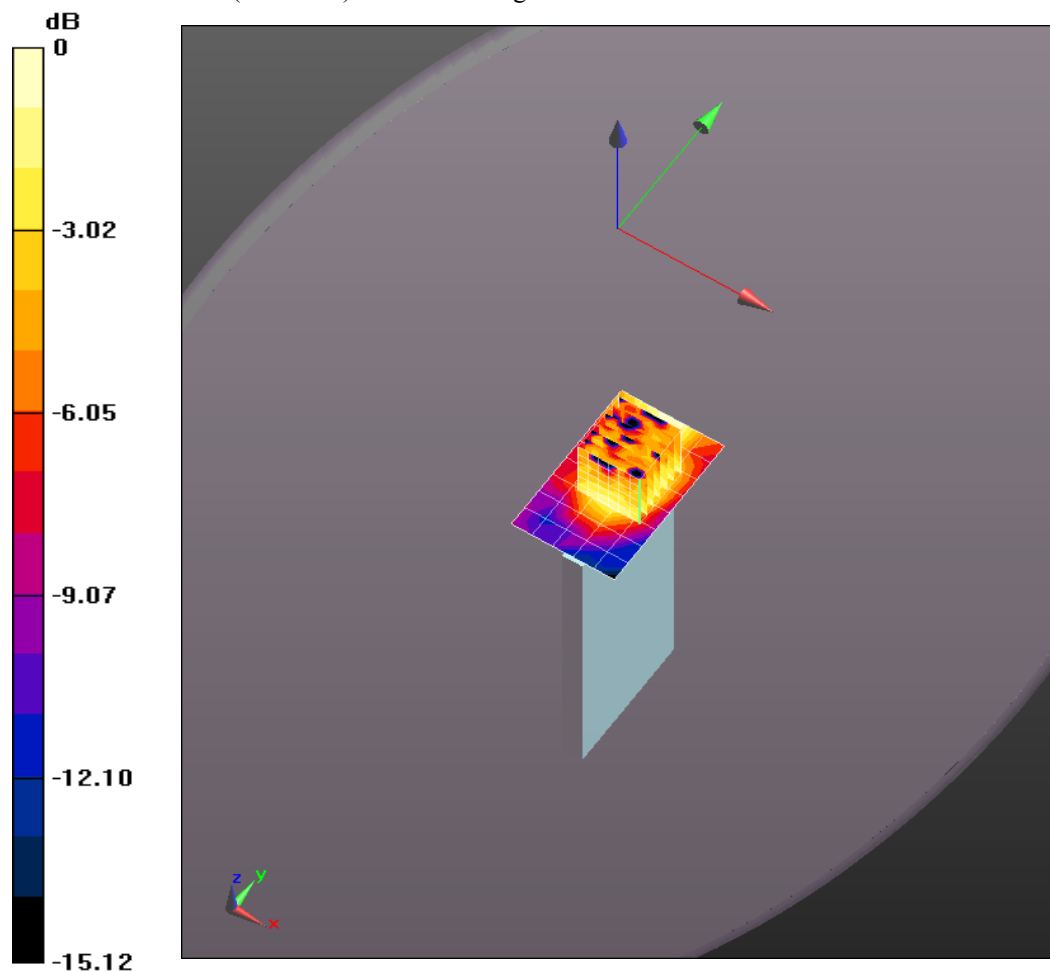
Flat-Section/Top 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.929 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.055 mW/g

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00837 mW/g

Maximum value of SAR (measured) = 0.0237 mW/g



0 dB = 0.0220 mW/g = -33.16 dB mW/g

Plot 280

Date/Time: 12/17/2013 6:25:56 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel SB; Type: phone; Serial: INV133600930

Communication System: 802.11 bgn 100% Duty Cycle; Frequency: 2437 MHz

Medium: MSL2450_Batch 110530-1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.916$ mho/m; $\epsilon_r = 51.374$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 26.6C; Medium Temperature: 24.4C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASYS2 52.8.1(838);

Flat-Section/Right Edge 10mm/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.110 mW/g

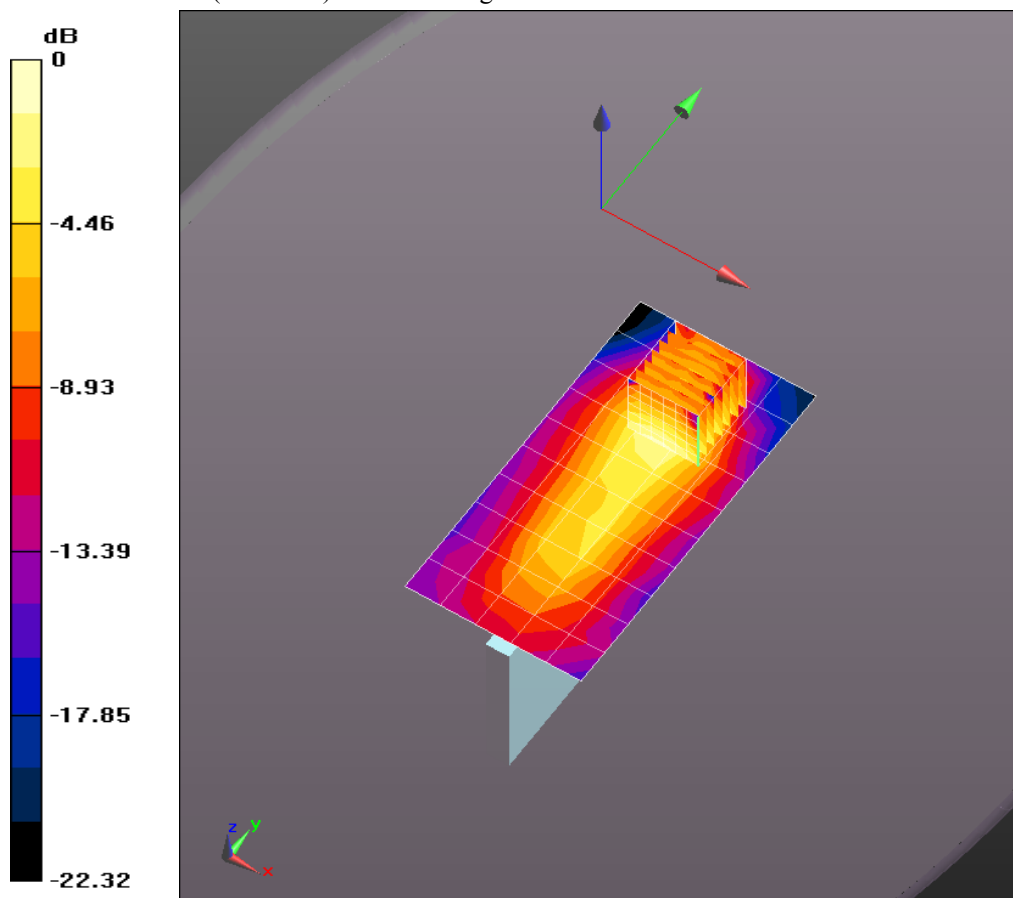
Flat-Section/Right Edge 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.914 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.193 mW/g

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.110 mW/g = -19.19 dB mW/g

Plot 281

Date/Time: 12/17/2013 7:35:32 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel SB; Type: phone; Serial: INV133601827

Communication System: 802.11 bgn 100% Duty Cycle; Frequency: 2437 MHz

Medium: MSL2450_Batch 110530-1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.916$ mho/m; $\epsilon_r = 51.374$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 26.4C; Medium Temperature: 23.9C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Ceramic_Flat/Ceramic_Back 10mm/Area Scan (9x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0618 mW/g

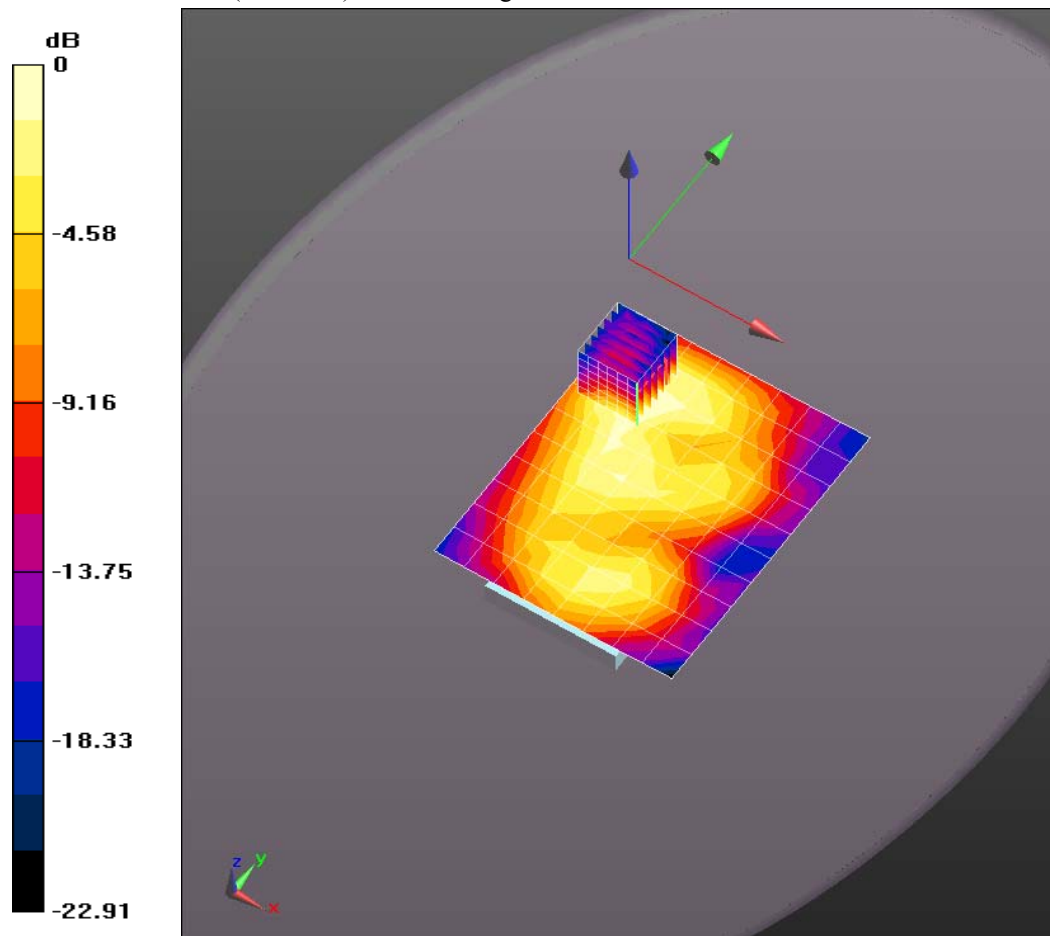
Ceramic_Flat/Ceramic_Back 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.242 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.163 mW/g

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.104 mW/g



0 dB = 0.0618 mW/g = -24.18 dB mW/g

Plot 282

Date/Time: 4/4/2014 12:49:02 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600961

Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz

Medium: MSL2450_Batch 100824-5

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.963$ mho/m; $\epsilon_r = 51.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 24.9C; Medium Temperature: 23.5C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section/Front 10mm/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.00228 mW/g

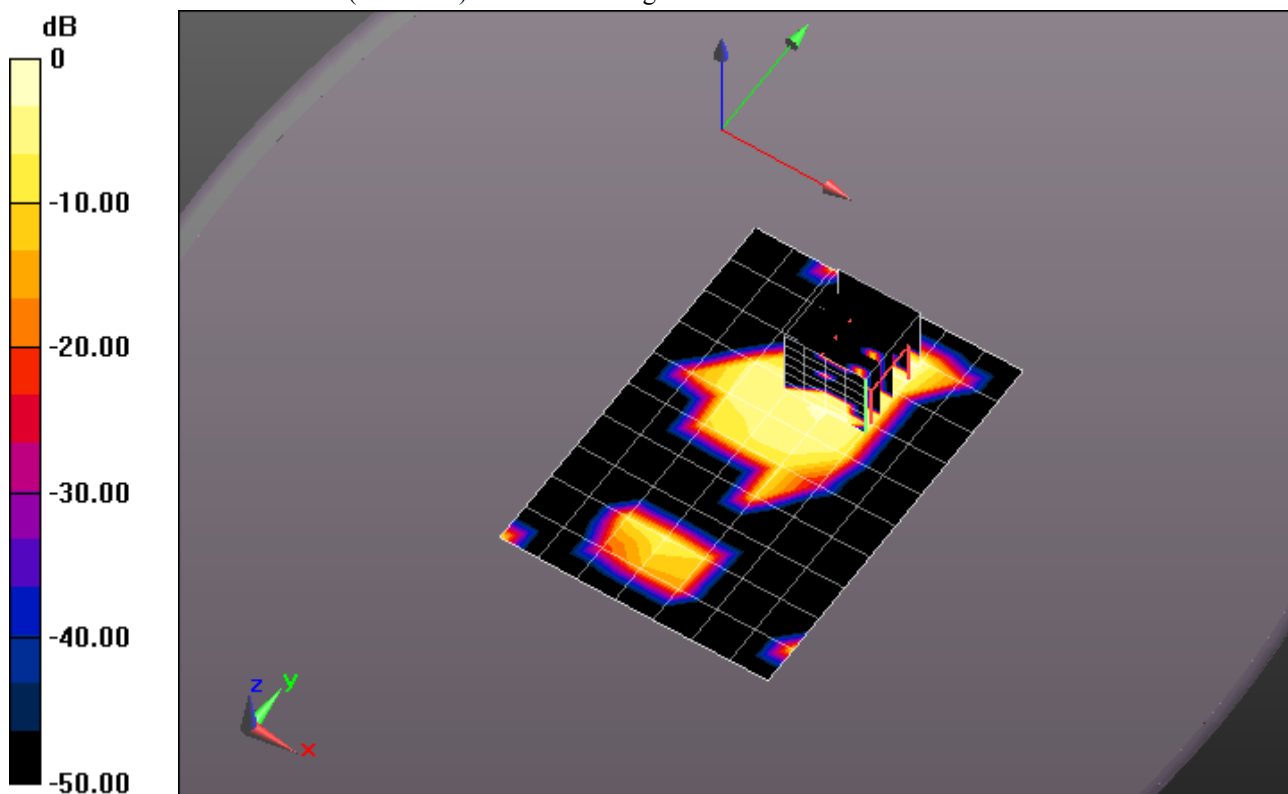
Flat-Section/Front 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.932 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0076 mW/g

SAR(1 g) = 0.00145 mW/g; SAR(10 g) = 0.000404 mW/g

Maximum value of SAR (measured) = 0.00186 mW/g



0 dB = 0.00228 mW/g = -52.84 dB mW/g

Plot 283

Date/Time: 4/4/2014 1:14:27 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600961

Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz

Medium: MSL2450_Batch 100824-5

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.963$ mho/m; $\epsilon_r = 51.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 24.7C; Medium Temperature: 22.92C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section/Back 10mm/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.00198 mW/g

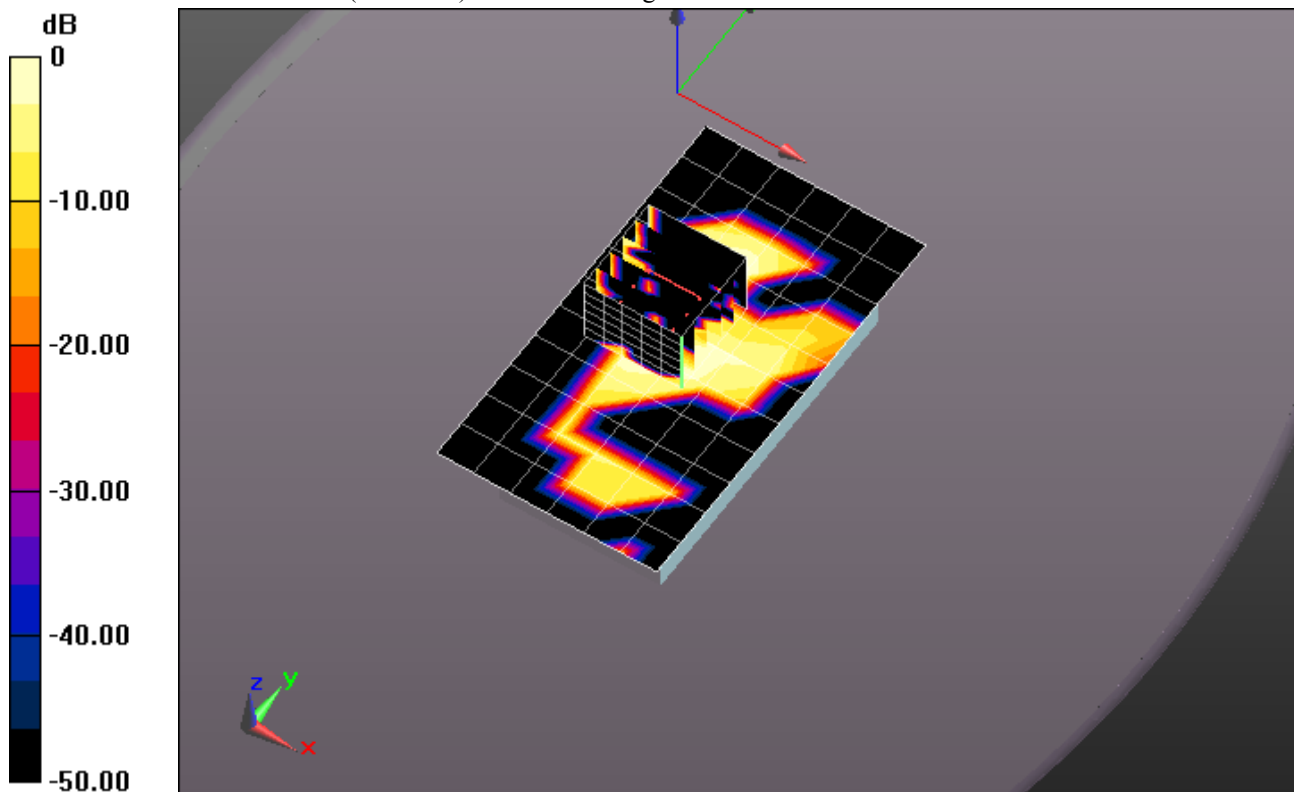
Flat-Section/Back 10mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.970 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.00778 mW/g

SAR(1 g) = 0.00147 mW/g; SAR(10 g) = 0.000384 mW/g

Maximum value of SAR (measured) = 0.00241 mW/g



0 dB = 0.00198 mW/g = -54.07 dB mW/g

Plot 284

Date/Time: 4/4/2014 2:24:04 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600961

Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz

Medium: MSL2450_Batch 100824-5

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.963$ mho/m; $\epsilon_r = 51.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 24.8C; Medium Temperature: 22.75C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section/Top 10mm/Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.00170 mW/g

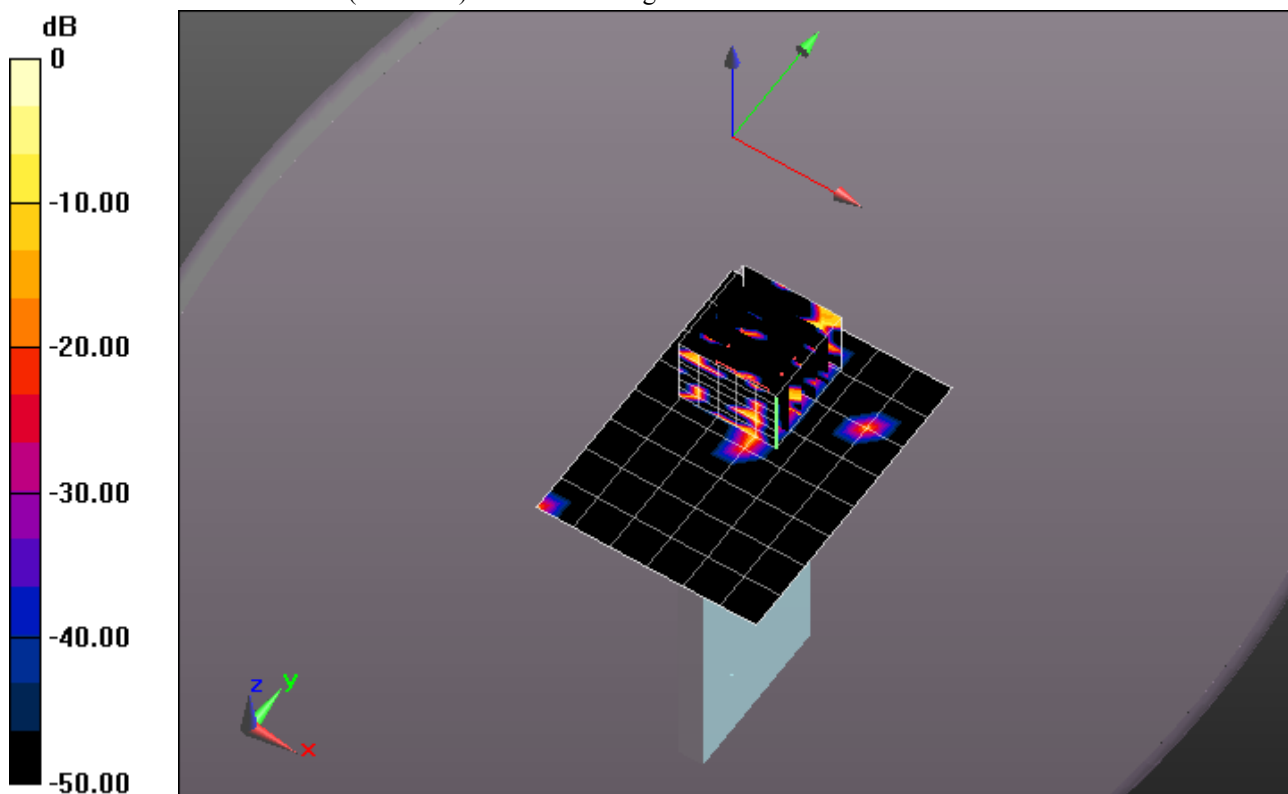
Flat-Section/Top 10mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.00566 mW/g

SAR(1 g) = 0.001 mW/g; SAR(10 g) = 0.000244 mW/g

Maximum value of SAR (measured) = 0.00263 mW/g



0 dB = 0.00170 mW/g = -55.39 dB mW/g

Plot 285

Date/Time: 4/7/2014 5:47:33 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: Phone; Serial: INV133600961

Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz

Medium: MSL2450_Batch 100824-5

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.876$ mho/m; $\epsilon_r = 50.625$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.4C; Medium Temperature: 23.7C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.34, 4.34, 4.34); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section_MSL/Right Edge 10mm/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.00612 mW/g

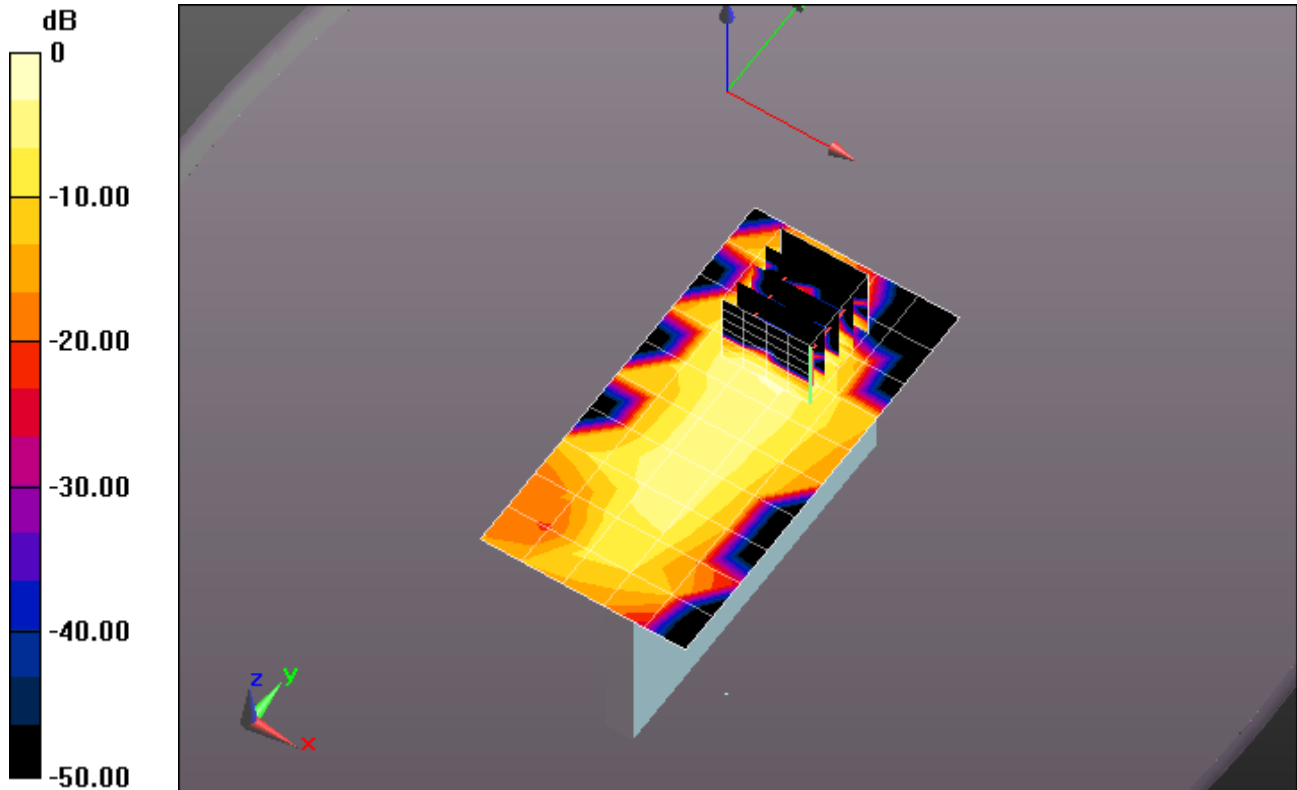
Flat-Section_MSL/Right Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.130 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.012 mW/g

SAR(1 g) = 0.00468 mW/g; SAR(10 g) = 0.00163 mW/g

Maximum value of SAR (measured) = 0.00591 mW/g



0 dB = 0.00612 mW/g = -44.27 dB mW/g

Plot 286

Date/Time: 4/7/2014 11:08:17 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel SB; Type: phone; Serial: INV133600567

Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz

Medium: MSL2450_Batch 100824-5

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.876$ mho/m; $\epsilon_r = 50.625$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 23.6C; Medium Temperature: 24.1C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.26, 4.26, 4.26); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Ceramic_Flat_MSL/Right Edge 10mm/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.00676 mW/g

Ceramic_Flat_MSL/Right Edge 10mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm,

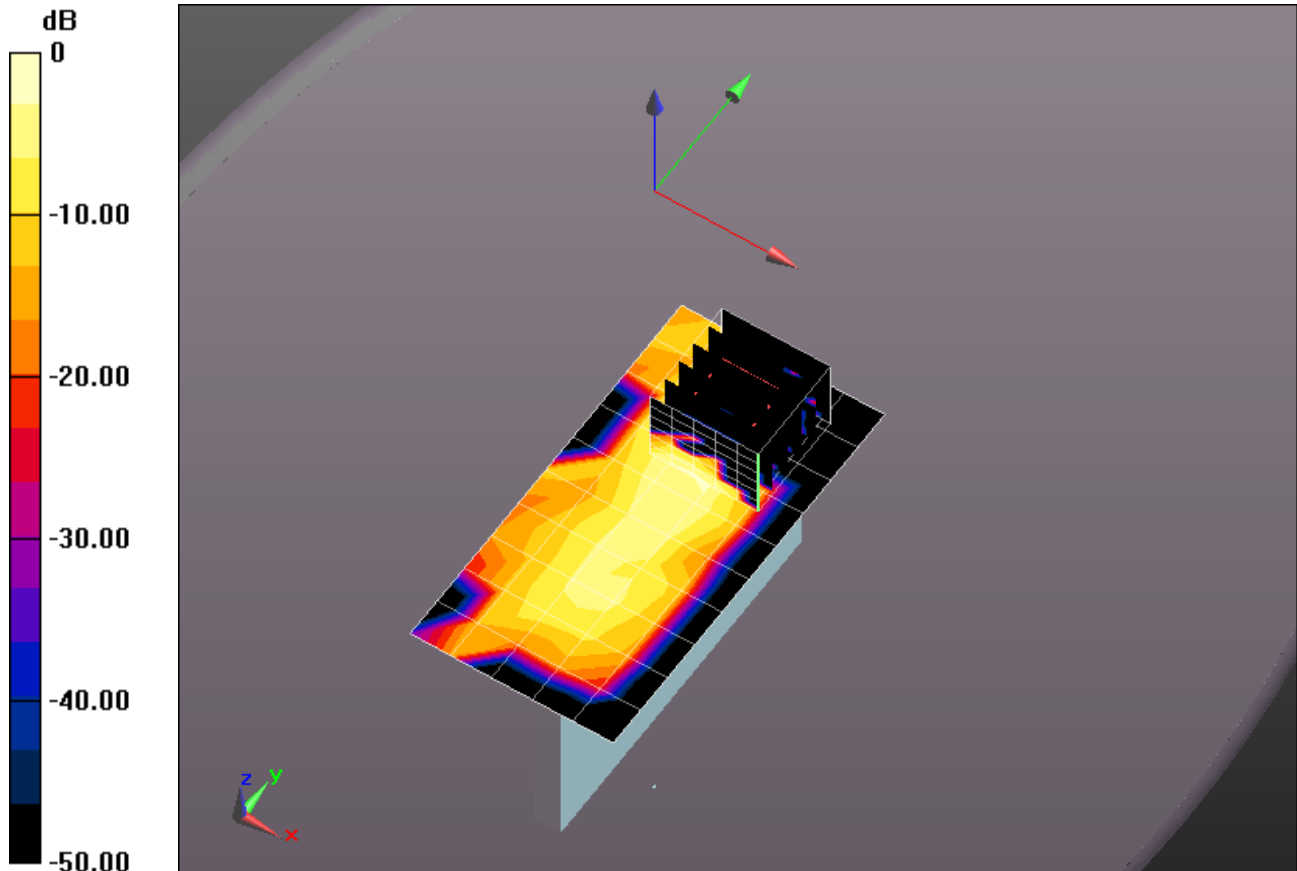
 $dy=8$ mm, $dz=5$ mm

Reference Value = 1.104 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.012 mW/g

SAR(1 g) = 0.00484 mW/g; SAR(10 g) = 0.00161 mW/g

Maximum value of SAR (measured) = 0.00613 mW/g



0 dB = 0.00676 mW/g = -43.40 dB mW/g

Plot 287

Date/Time: 2/13/2014 11:39:03 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 750 MHz - D750V3 - SN1090_June 2013; Type: D750V3; Serial: D750V3 - SN:1090

Communication System: CW; Frequency: 750 MHz

Medium: HSL750_Batch 110524-3

Medium parameters used: $f = 750$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 41.891$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 20.4C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.57, 6.57, 6.57); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP:xxxx
- DASYS2 52.8.1(838);

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

Maximum value of SAR (measured) = 8.63 mW/g

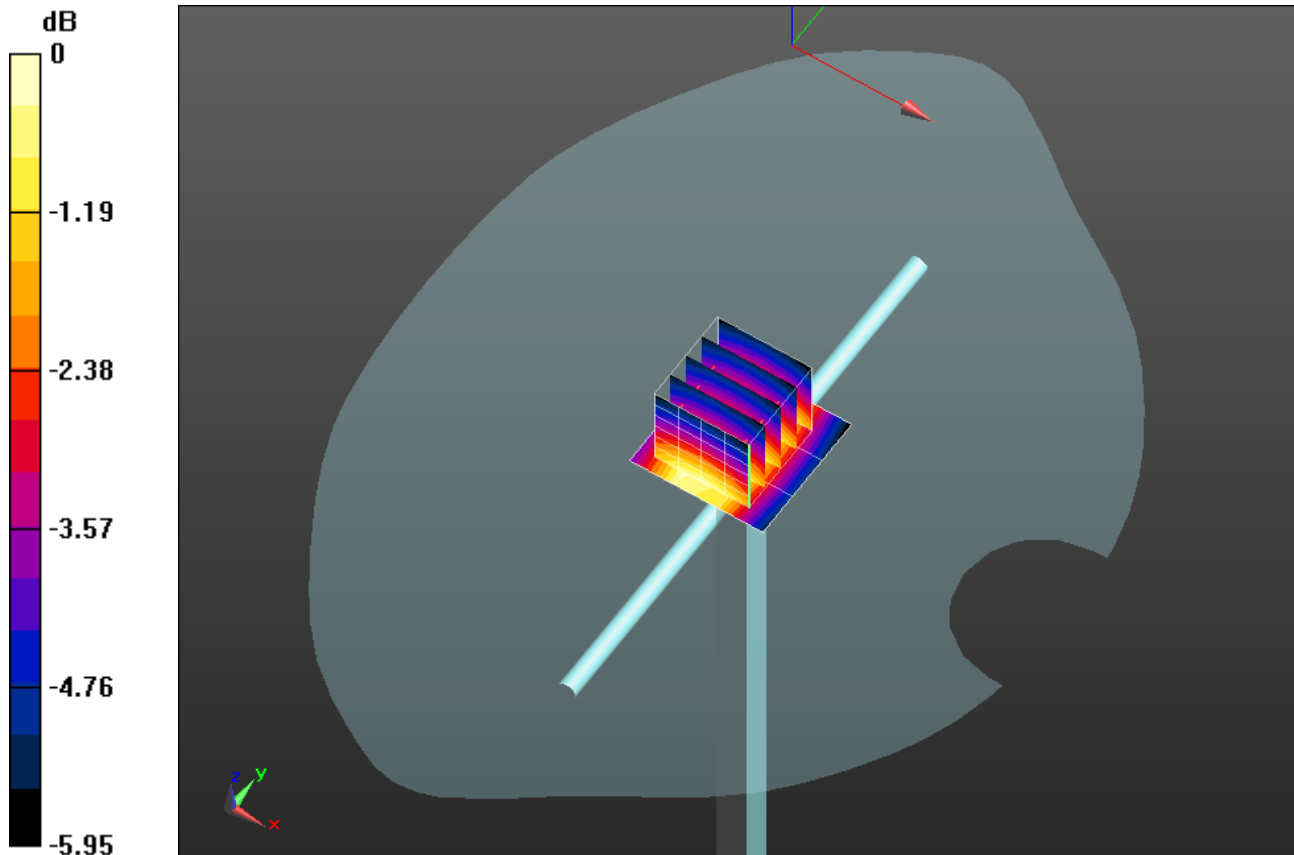
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 102.0 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 11.650 mW/g

SAR(1 g) = 7.83 mW/g; SAR(10 g) = 5.14 mW/g

Maximum value of SAR (measured) = 9.13 mW/g



0 dB = 8.63 mW/g = 18.72 dB mW/g

Plot 288

Date/Time: 2/24/2014 9:25:03 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 750 MHz - D750V3 - SN1090_June 2013; Type: D750V3; Serial: D750V3 - SN:1090

Communication System: CW; Frequency: 750 MHz

Medium: HSL750_Batch 110524-3

Medium parameters used: $f = 750$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.399$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 20.2C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.57, 6.57, 6.57); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASYS2 52.8.1(838);

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

Maximum value of SAR (measured) = 8.59 mW/g

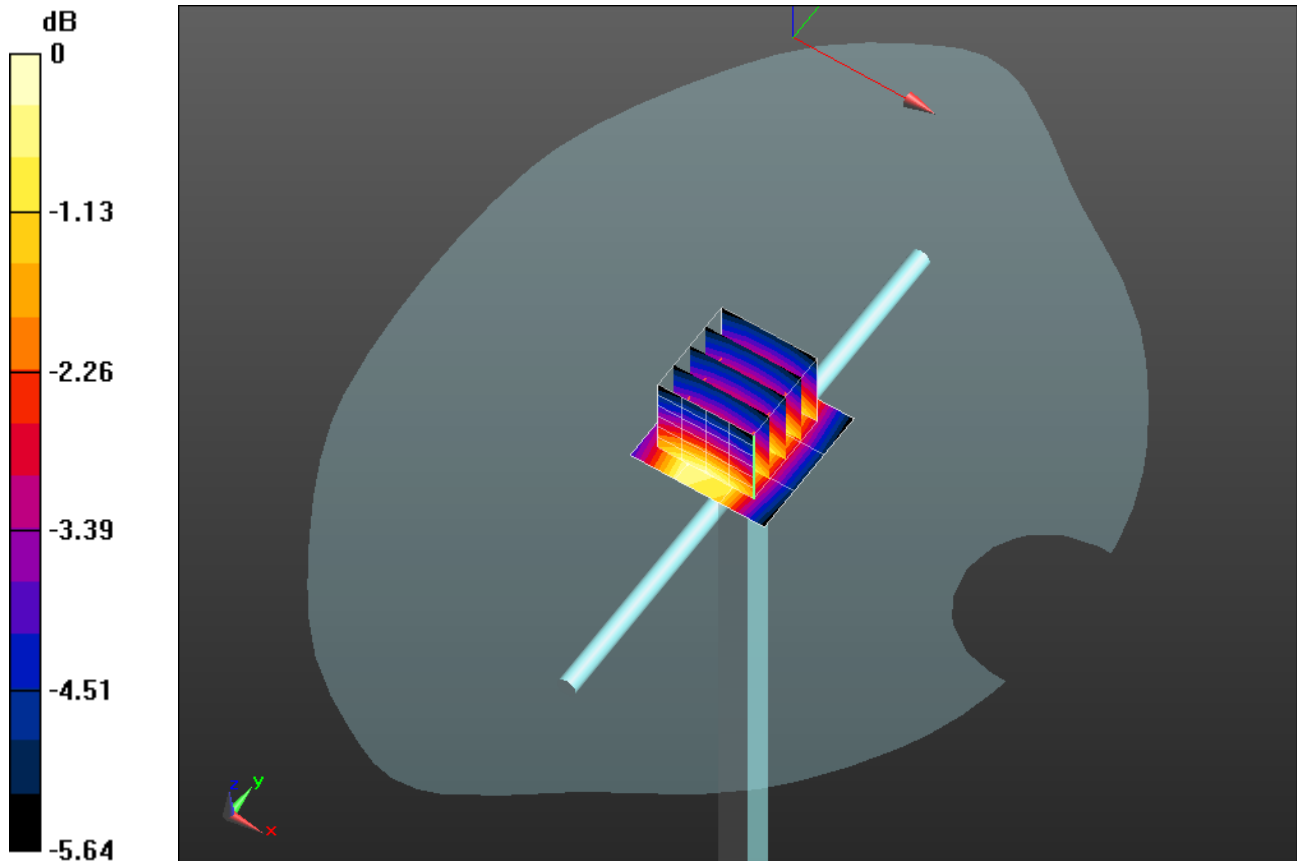
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 101.9 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 11.683 mW/g

SAR(1 g) = 7.86 mW/g; SAR(10 g) = 5.17 mW/g

Maximum value of SAR (measured) = 9.20 mW/g



0 dB = 8.59 mW/g = 18.68 dB mW/g

Plot 289

Date/Time: 11/25/2013 3:35:47 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

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

Communication System: CW; Frequency: 835 MHz

Medium: HSL900_Batch 100922-1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.905$ mho/m; $\epsilon_r = 40.414$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.2C; Medium Temperature: 21.0C;

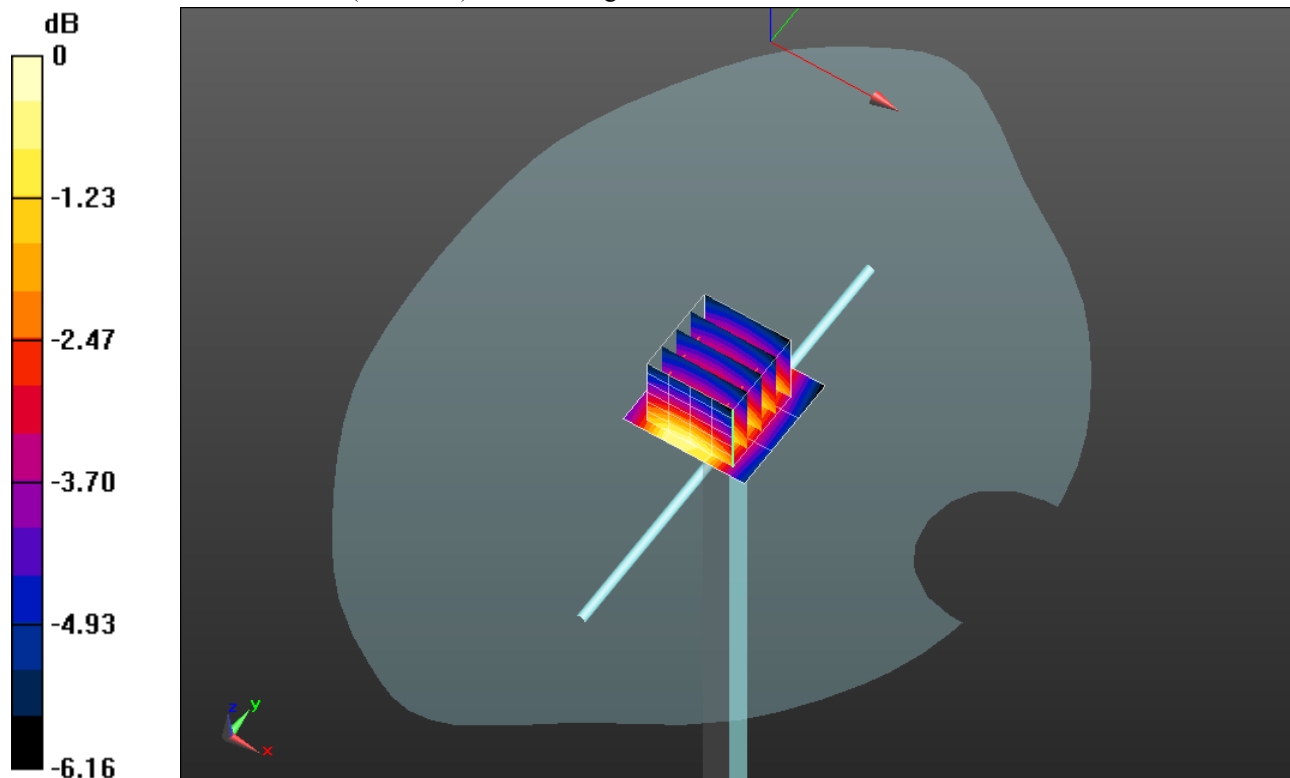
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.28, 6.28, 6.28); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 10.5 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 115.0 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 14.608 mW/g
SAR(1 g) = 9.85 mW/g; SAR(10 g) = 6.45 mW/g
Maximum value of SAR (measured) = 11.4 mW/g



0 dB = 10.5 mW/g = 20.44 dB mW/g

Plot 290

Date/Time: 12/3/2013 10:11:40 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

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

Communication System: CW; Frequency: 835 MHz

Medium: HSL900_Batch 100922-1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.894$ mho/m; $\epsilon_r = 40.257$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 20.9C; Medium Temperature: 20.6C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.28, 6.28, 6.28); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 9.84 mW/g

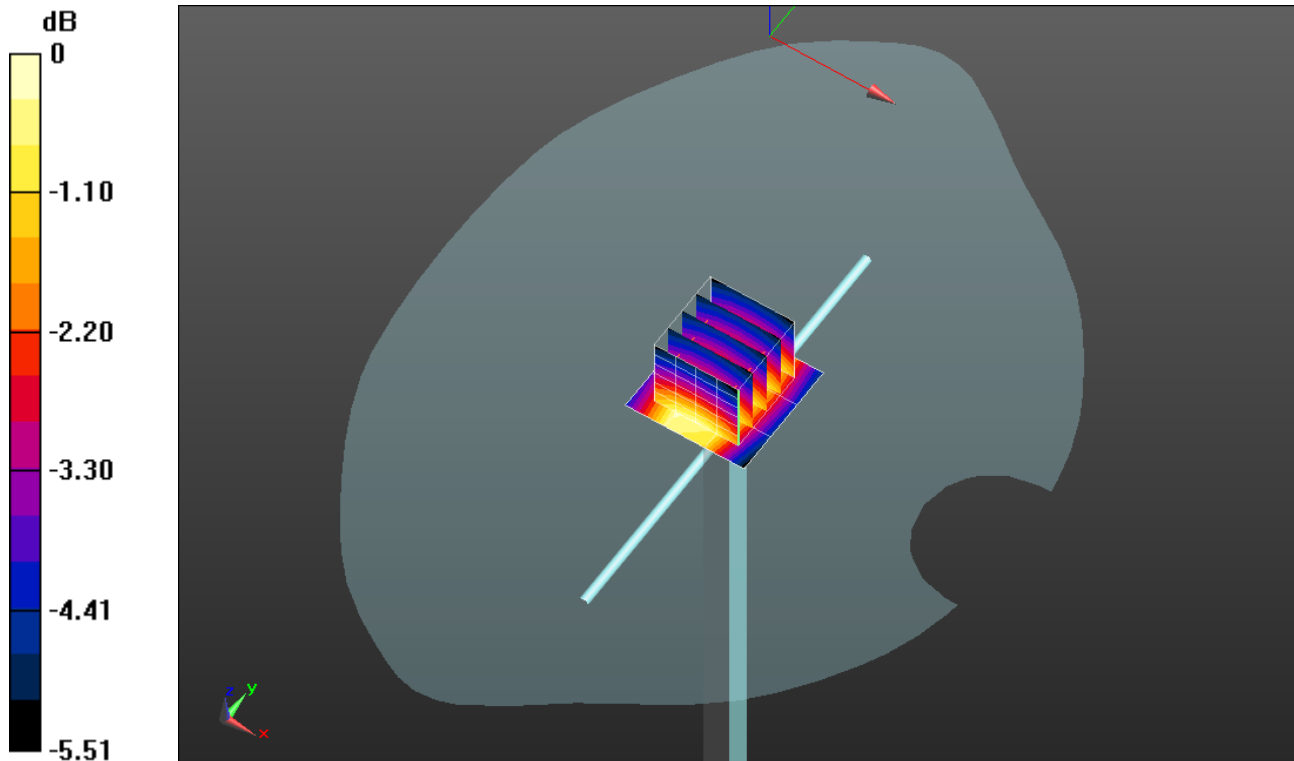
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 115.4 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 14.132 mW/g

SAR(1 g) = 9.55 mW/g; SAR(10 g) = 6.27 mW/g

Maximum value of SAR (measured) = 11.2 mW/g



0 dB = 9.84 mW/g = 19.86 dB mW/g

Plot 291

Date/Time: 1/24/2014 9:11:35 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d155_June 2013; Type: D835V2; Serial: D835V2 - SN:4d155

Communication System: CW; Frequency: 835 MHz

Medium: HSL900_Batch 100922-1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 39.995$; $\rho = 1000$ 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: 20.7C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.28, 6.28, 6.28); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP:xxxx
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 9.99 mW/g

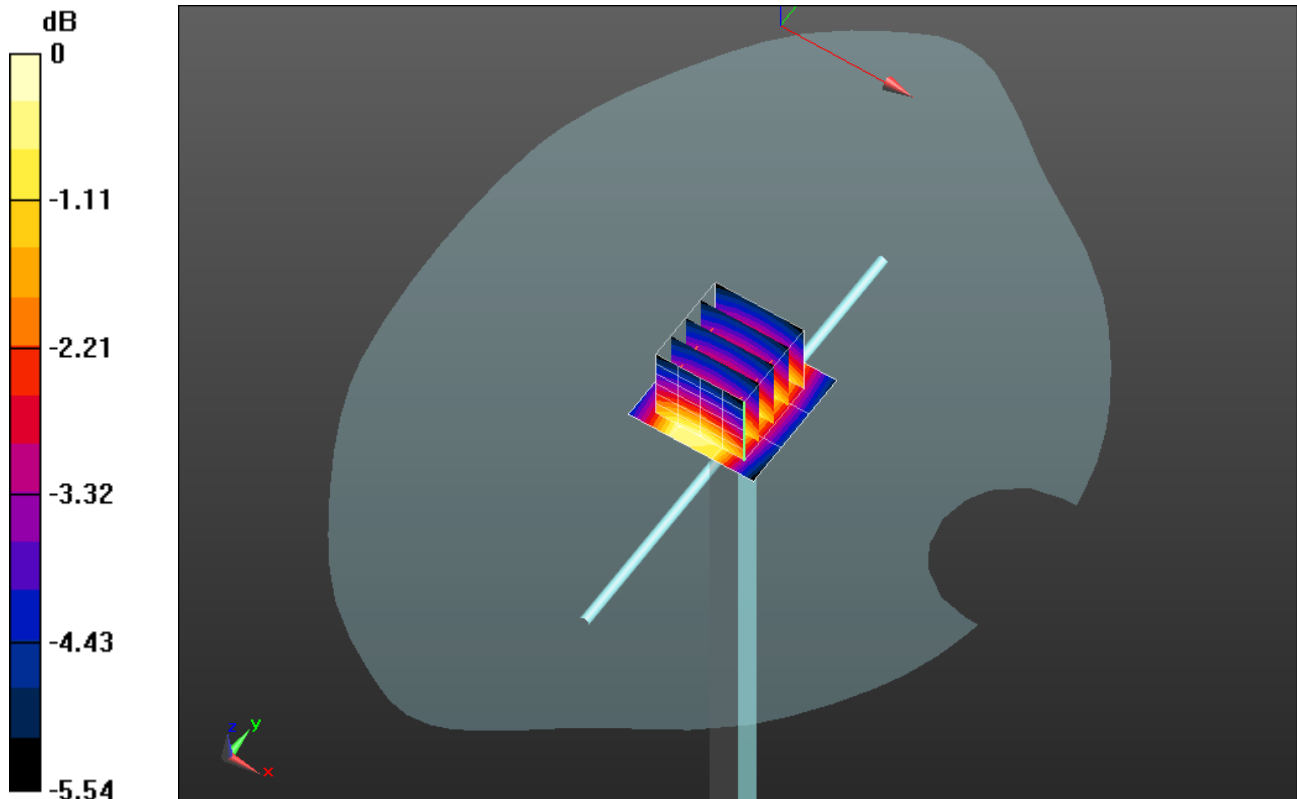
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 114.3 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 14.116 mW/g

SAR(1 g) = 9.51 mW/g; SAR(10 g) = 6.23 mW/g

Maximum value of SAR (measured) = 11.1 mW/g



0 dB = 9.99 mW/g = 19.99 dB mW/g

Plot 292

Date/Time: 2/20/2014 7:08:26 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113_Nov 2012; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz

Medium: HSL900_Batch 100922-1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 41.863$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.7C; Medium Temperature: 21C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.28, 6.28, 6.28); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 10.7 mW/g

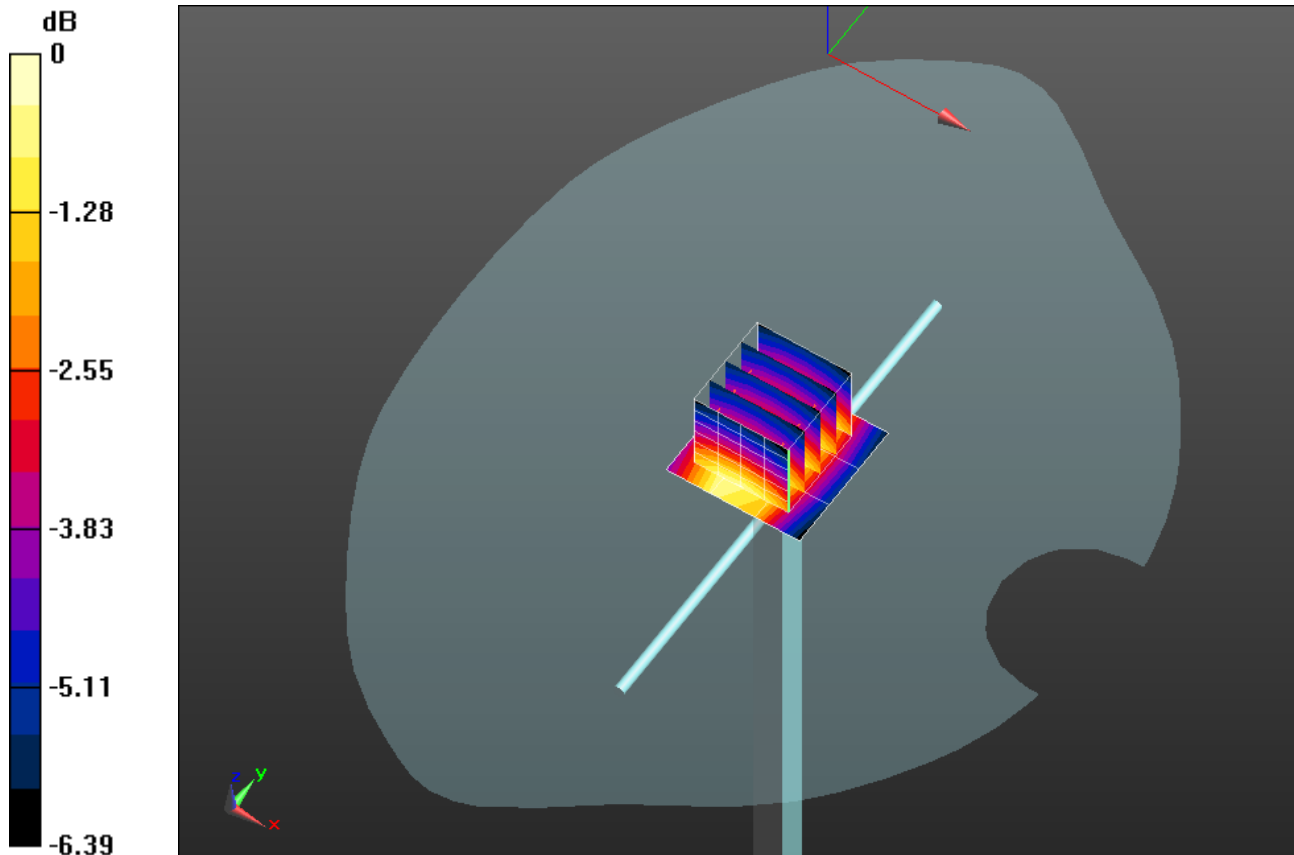
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 111.8 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 14.717 mW/g

SAR(1 g) = 9.9 mW/g; SAR(10 g) = 6.5 mW/g

Maximum value of SAR (measured) = 11.5 mW/g



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

Plot 293

Date/Time: 2/22/2014 10:52:22 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113_Nov 2012; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz

Medium: HSL900_Batch 100922-1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 40.908$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21C; Medium Temperature: 20.3C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.28, 6.28, 6.28); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 10.1 mW/g

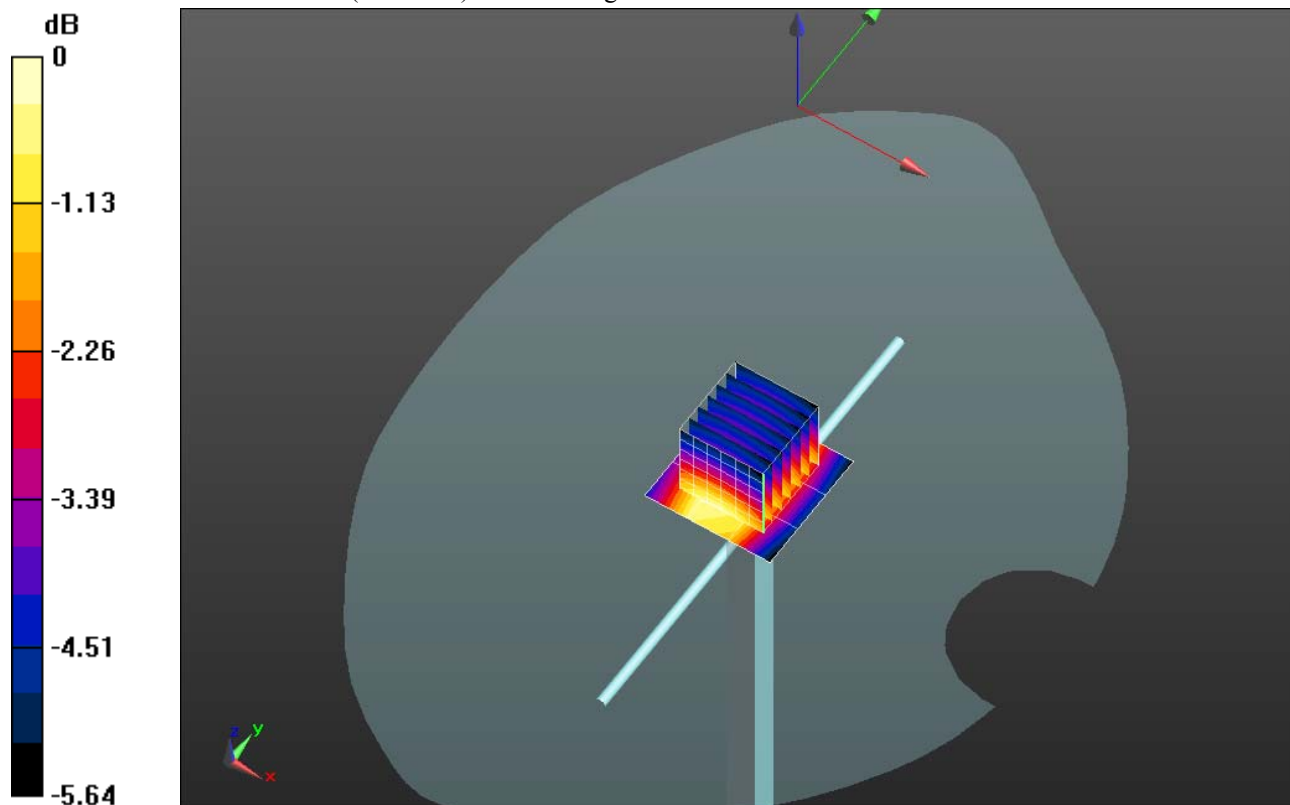
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 113.2 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.809 mW/g

SAR(1 g) = 9.47 mW/g; SAR(10 g) = 6.24 mW/g

Maximum value of SAR (measured) = 10.2 mW/g



0 dB = 10.1 mW/g = 20.07 dB mW/g

Plot 294

Date/Time: 11/26/2013 2:48:41 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1045; Type: D1750V2; Serial: D1750V2 - SN:1045

Communication System: CW; Frequency: 1750 MHz

Medium: HSL1750_Batch 100907-4

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 38.218$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 23C; Medium Temperature: 20.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.47, 5.47, 5.47); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASYS2 52.8.1(838);

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

Maximum value of SAR (measured) = 35.6 mW/g

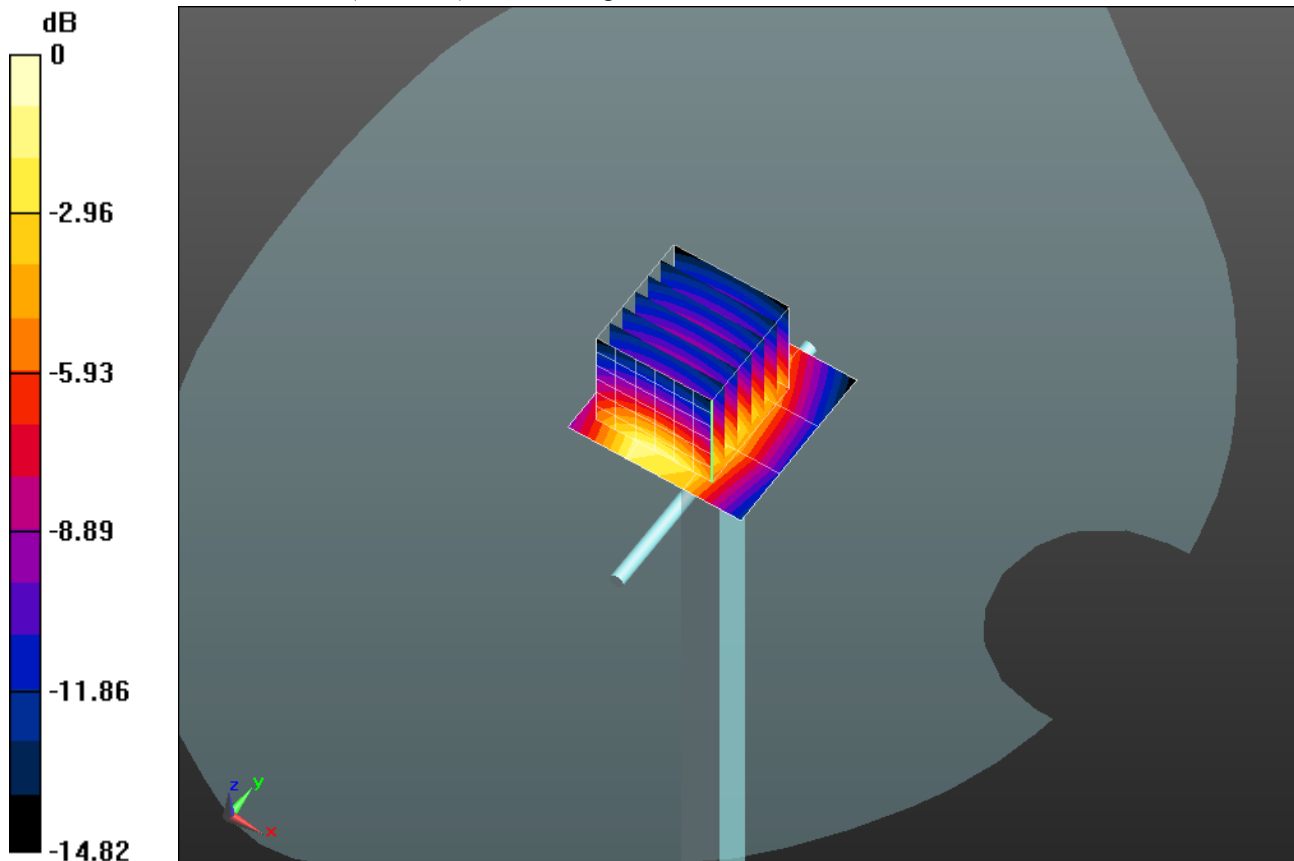
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)
2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 171.9 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 61.358 mW/g

SAR(1 g) = 33.2 mW/g; SAR(10 g) = 17.5 mW/g

Maximum value of SAR (measured) = 37.1 mW/g



0 dB = 35.6 mW/g = 31.04 dB mW/g

Plot 295

Date/Time: 12/10/2013 2:08:11 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz

Medium: HSL1750_Batch 100907-4

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.344$ mho/m; $\epsilon_r = 38.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 24.8C; Medium Temperature: 22.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.24, 5.24, 5.24); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 34.1 mW/g

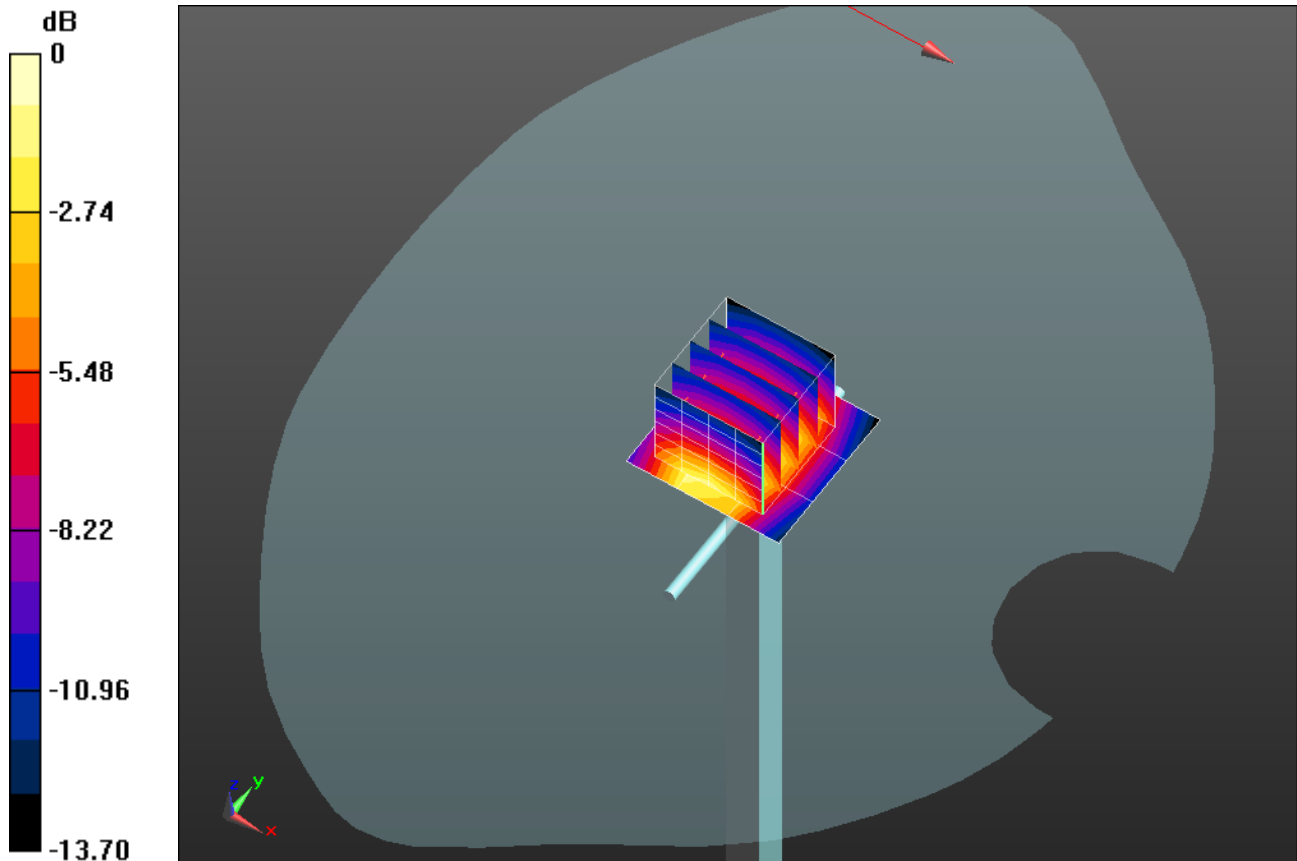
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 177.9 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 58.846 mW/g

SAR(1 g) = 33.2 mW/g; SAR(10 g) = 17.8 mW/g

Maximum value of SAR (measured) = 41.5 mW/g



0 dB = 34.1 mW/g = 30.66 dB mW/g

Plot 296

Date/Time: 2/4/2014 11:06:40 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz

Medium: HSL1750_Batch 100907-4

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.397$ mho/m; $\epsilon_r = 39.245$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 20.7C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.47, 5.47, 5.47); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)
2/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 35.9 mW/g

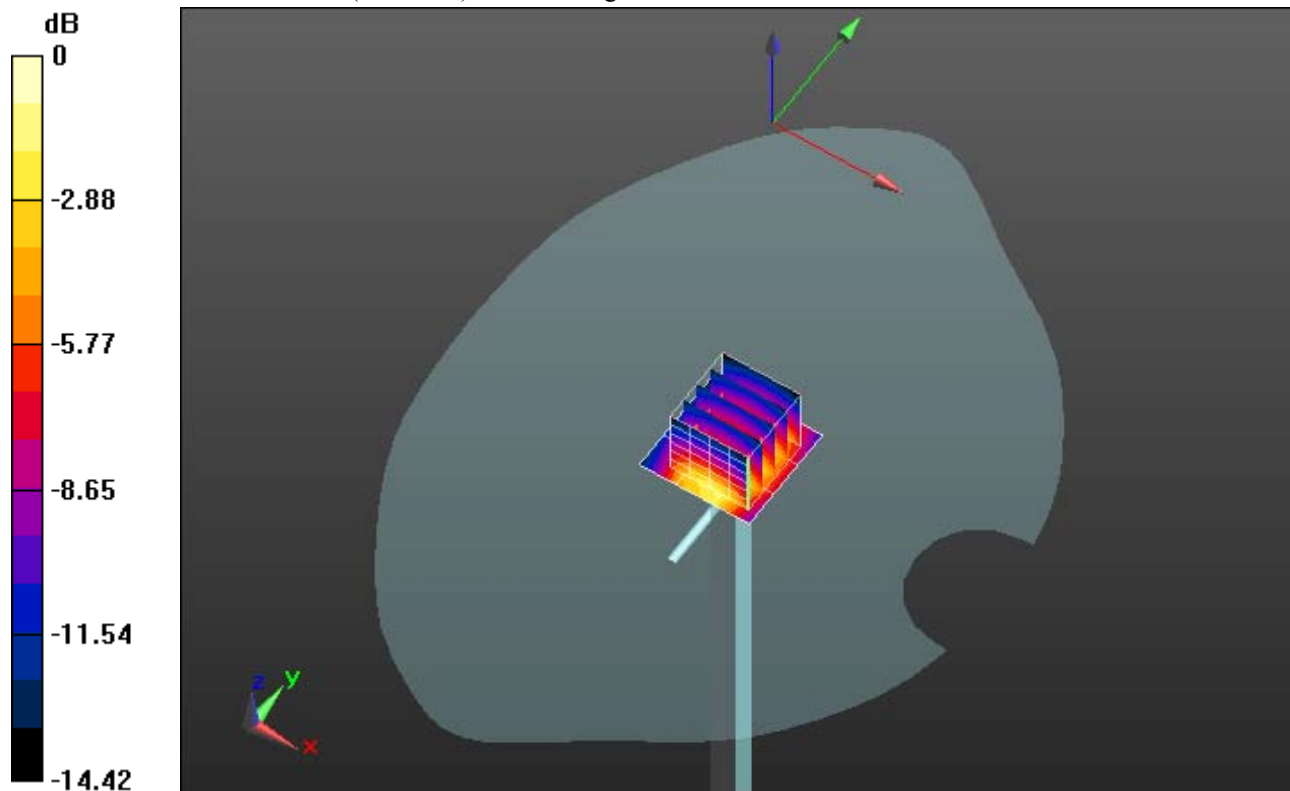
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)
2/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 176.6 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 59.830 mW/g

SAR(1 g) = 33.3 mW/g; SAR(10 g) = 17.7 mW/g

Maximum value of SAR (measured) = 42.1 mW/g



0 dB = 35.9 mW/g = 31.10 dB mW/g

Plot 297

Date/Time: 2/26/2014 8:57:47 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1045_Nov 2012; Type: D1750V2; Serial: D1750V2 - SN:1045

Communication System: CW; Frequency: 1750 MHz

Medium: HSL1750_Batch 100907-4

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.382$ mho/m; $\epsilon_r = 39.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.1C; Medium Temperature: 20.7C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.47, 5.47, 5.47); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS52 52.8.1(838);

Configuration/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 30.5 mW/g

Configuration/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:

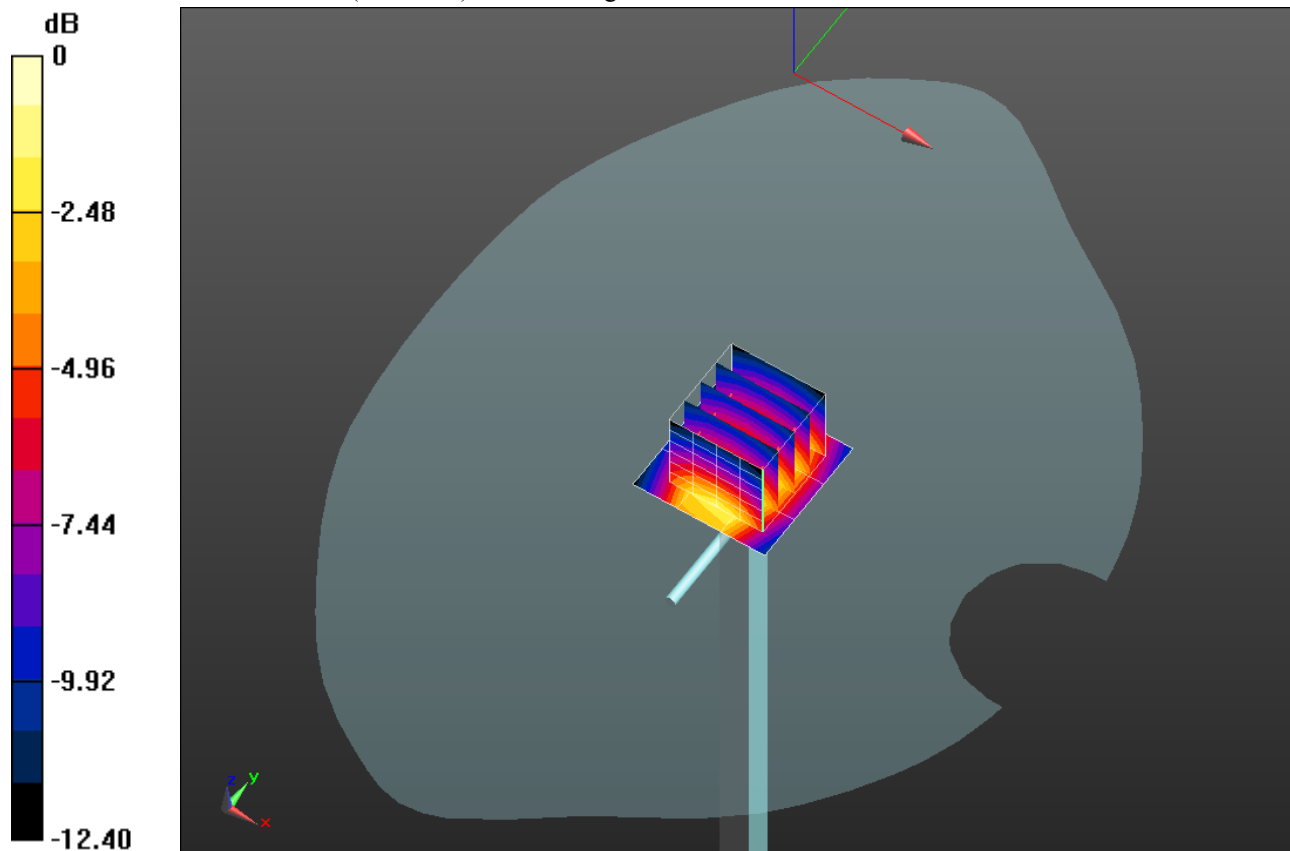
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 178.5 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 59.182 mW/g

SAR(1 g) = 32.8 mW/g; SAR(10 g) = 17.4 mW/g

Maximum value of SAR (measured) = 41.6 mW/g



0 dB = 30.5 mW/g = 29.68 dB mW/g

Plot 298

Date/Time: 12/2/2013 3:10:34 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

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

Communication System: CW; Frequency: 1900 MHz

Medium: HSL1900_Batch 110530-2

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.444$ mho/m; $\epsilon_r = 39.282$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 22.4C; Medium Temperature: 22C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.32, 5.32, 5.32); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 35.9 mW/g

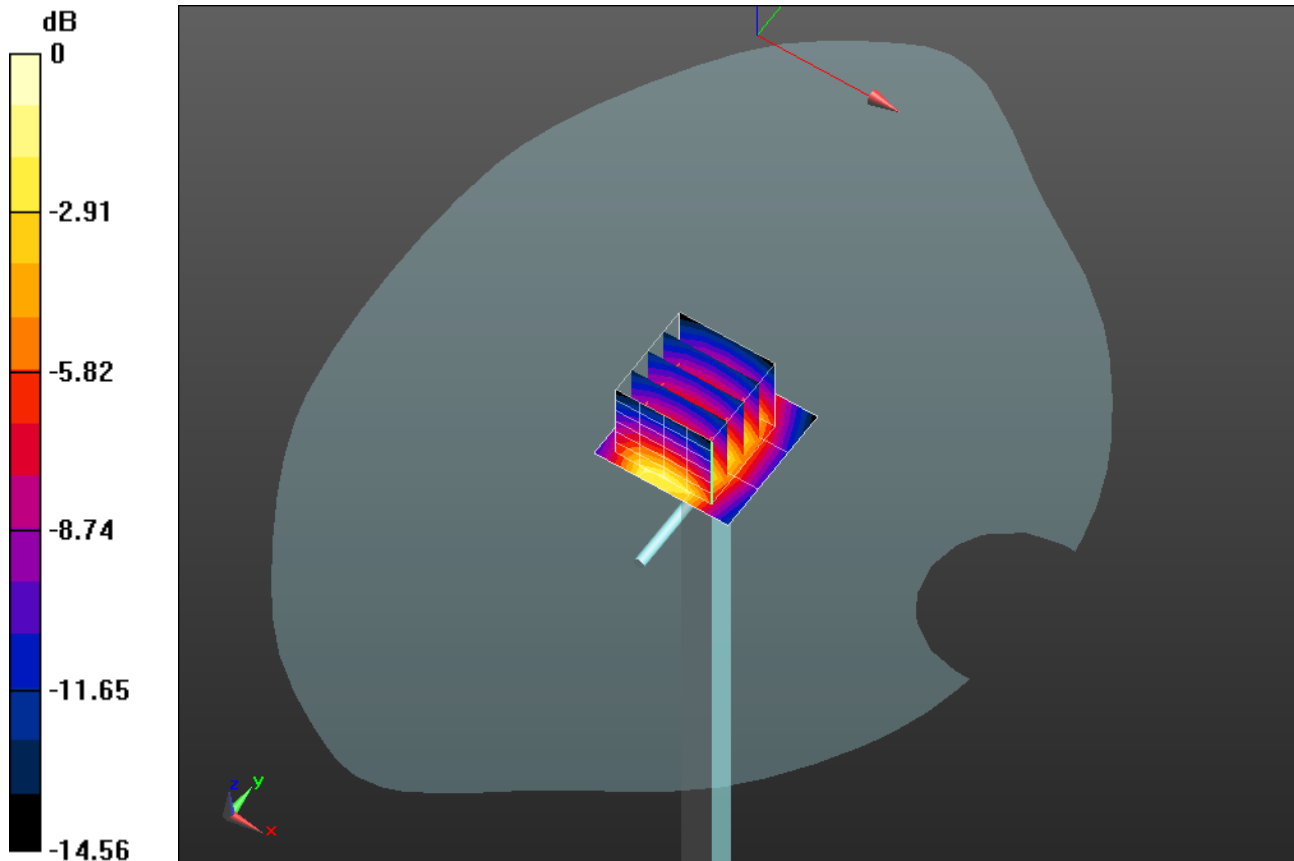
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 181.9 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 67.572 mW/g

SAR(1 g) = 36.8 mW/g; SAR(10 g) = 19.1 mW/g

Maximum value of SAR (measured) = 46.9 mW/g



0 dB = 35.9 mW/g = 31.09 dB mW/g

Plot 299

Date/Time: 12/4/2013 10:24:10 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

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

Communication System: CW; Frequency: 1900 MHz

Medium: HSL1900_Batch 110530-2

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.453$ mho/m; $\epsilon_r = 38.386$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 20.7; Medium Temperature: 19.6; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.32, 5.32, 5.32); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASYS2 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)
2 2 2 2/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 35.7 mW/g

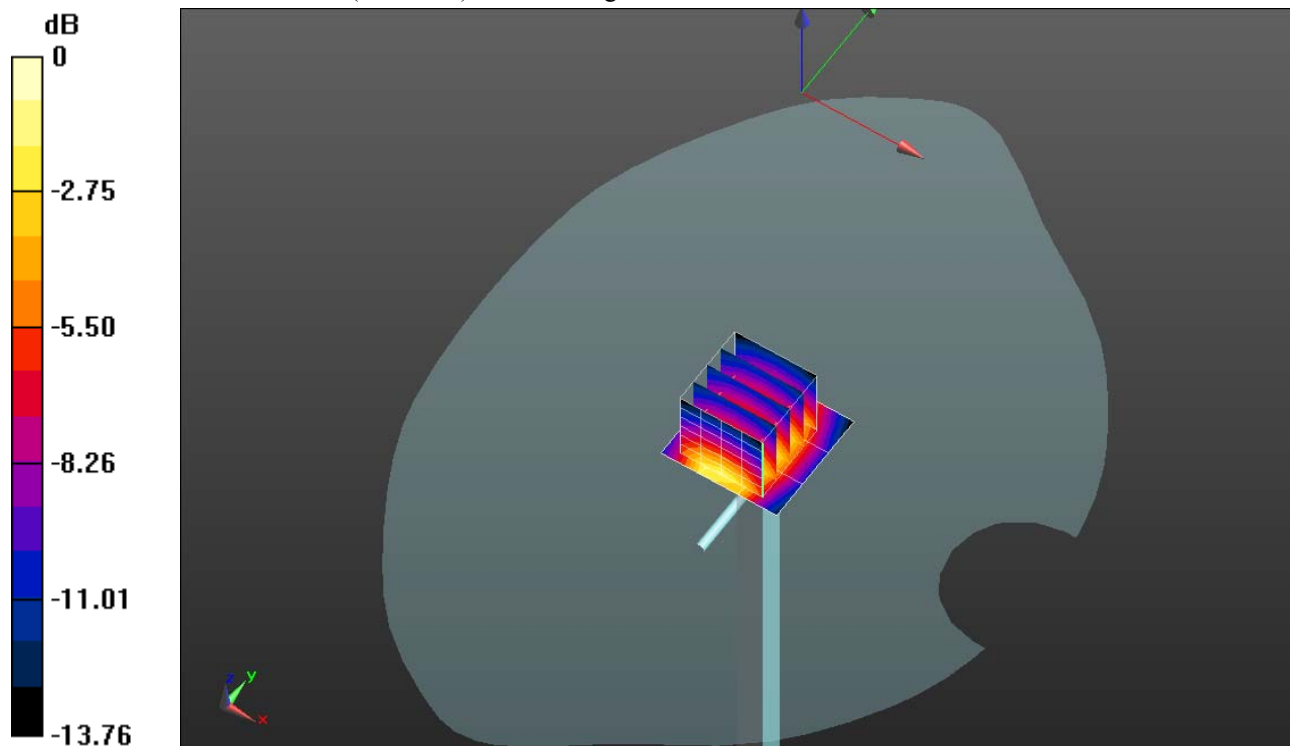
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)
2 2 2 2/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 182.3 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 67.575 mW/g

SAR(1 g) = 36.3 mW/g; SAR(10 g) = 18.7 mW/g

Maximum value of SAR (measured) = 46.2 mW/g



0 dB = 35.7 mW/g = 31.05 dB mW/g

Plot 300

Date/Time: 1/21/2014 12:27:41 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d172_June 2013; Type: D1900V2; Serial: D1900V2 - SN:5d172

Communication System: CW; Frequency: 1900 MHz

Medium: HSL1900_Batch 100907-3

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.457$ mho/m; $\epsilon_r = 38.118$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.9C; Medium Temperature: 20.9C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.32, 5.32, 5.32); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 37.3 mW/g

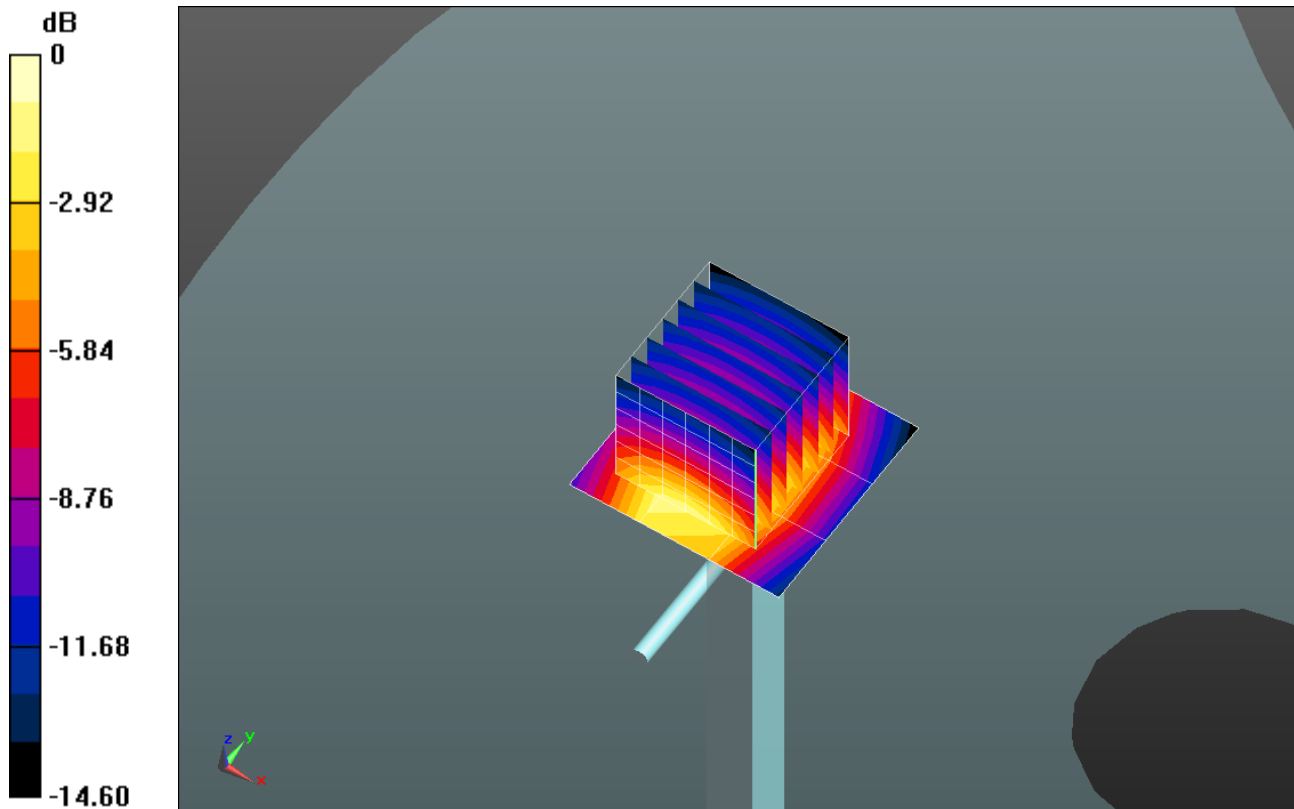
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)
2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 180.1 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 68.629 mW/g

SAR(1 g) = 36.5 mW/g; SAR(10 g) = 18.9 mW/g

Maximum value of SAR (measured) = 40.9 mW/g



0 dB = 37.3 mW/g = 31.43 dB mW/g

Plot 301

Date/Time: 1/22/2014 4:31:04 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d172_June 2013; Type: D1900V2; Serial: D1900V2 - SN:5d172

Communication System: CW; Frequency: 1900 MHz

Medium: HSL1900_Batch 100907-3

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.447$ mho/m; $\epsilon_r = 38.414$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 24.7C; Medium Temperature: 23.2C;

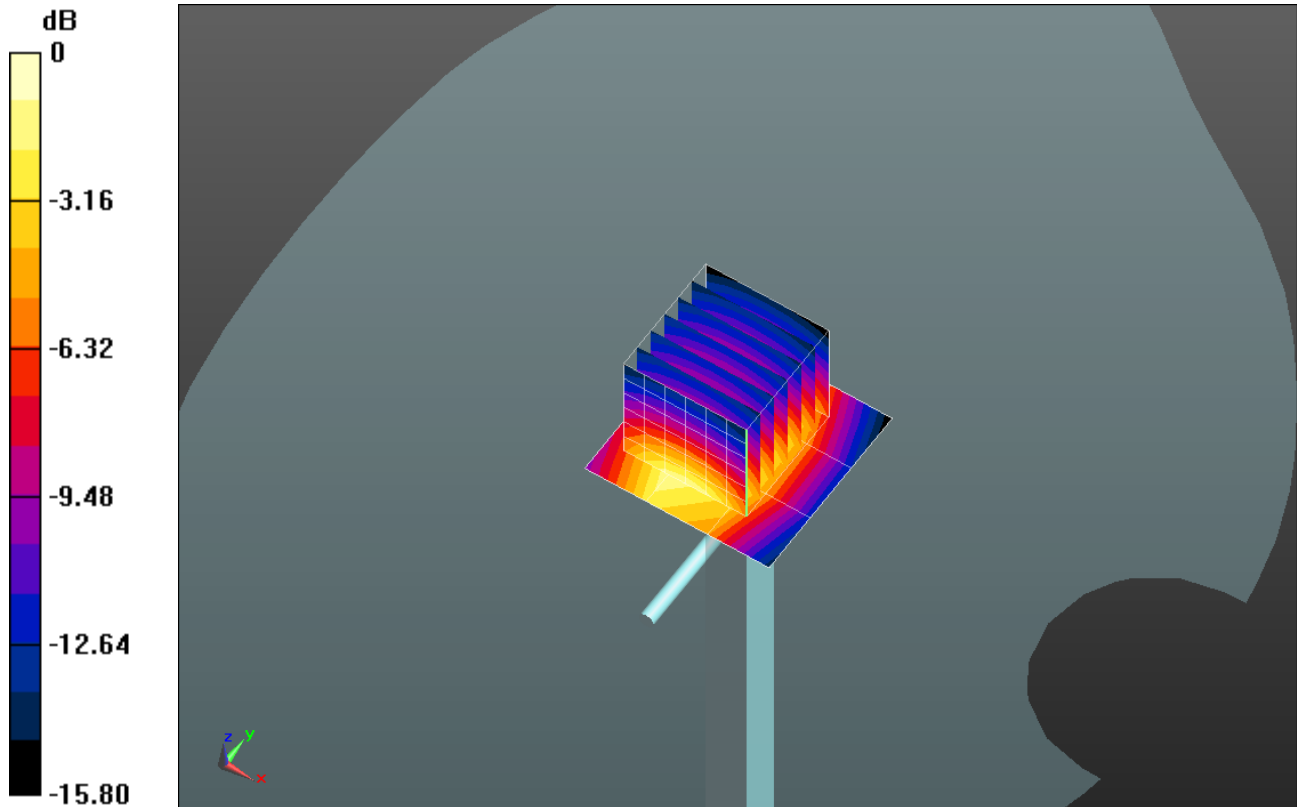
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.32, 5.32, 5.32); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASYS2 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 40.0 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 178.4 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 68.371 mW/g
SAR(1 g) = 37.1 mW/g; SAR(10 g) = 19.5 mW/g
Maximum value of SAR (measured) = 41.5 mW/g



0 dB = 40.0 mW/g = 32.03 dB mW/g

Plot 302

Date/Time: 12/17/2013 11:45:51 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 2450 MHz - D2450V2 - SN911_June 2013; Type: D2450V2; Serial: D2450V2 - SN:911

Communication System: CW; Frequency: 2450 MHz

Medium: HSL2450_Batch 110531-2

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.787$ mho/m; $\epsilon_r = 38.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 24.6; Medium Temperature: 25.65;

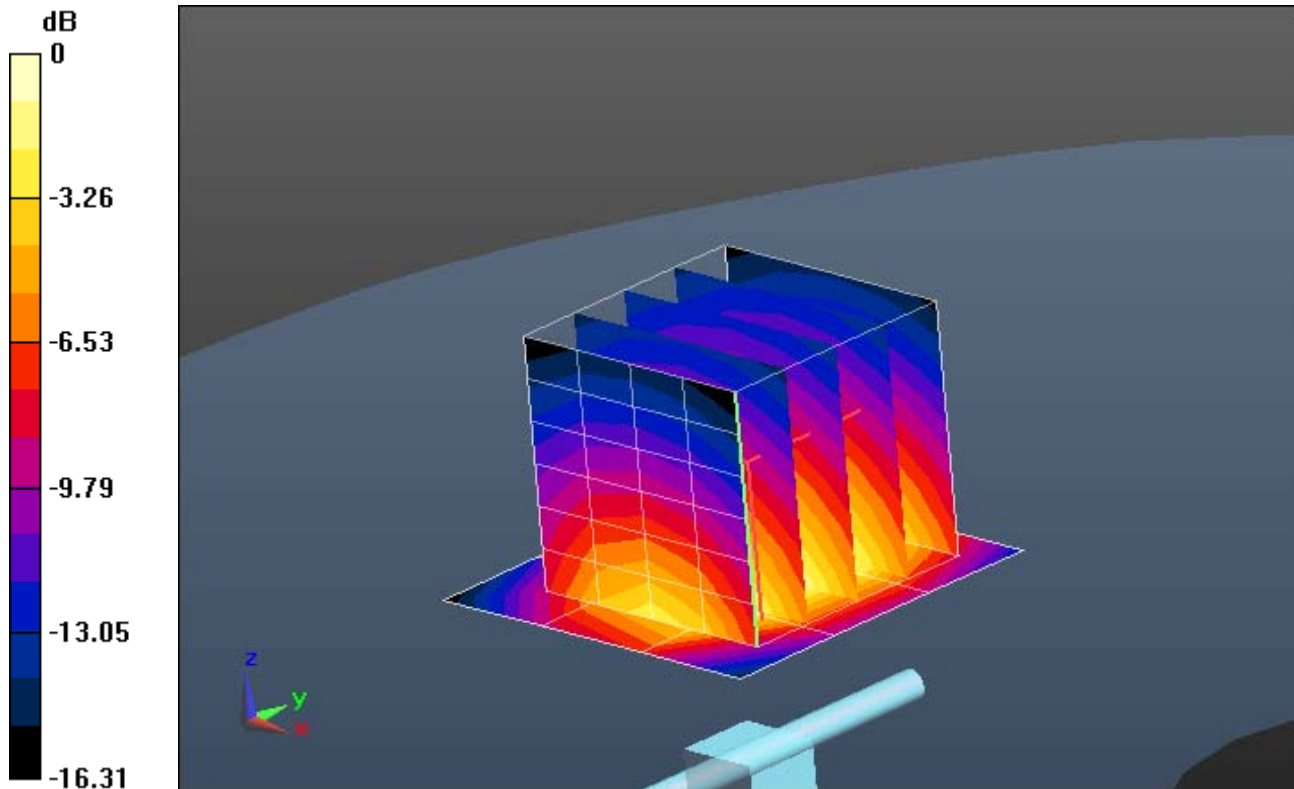
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.5, 4.5, 4.5); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 45.7 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 194.1 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 98.156 mW/g
SAR(1 g) = 48.6 mW/g; SAR(10 g) = 22.7 mW/g
Maximum value of SAR (measured) = 63.8 mW/g



0 dB = 45.7 mW/g = 33.21 dB mW/g

Plot 303

Date/Time: 4/4/2014 5:56:53 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 2450 MHz - D2450V2 - SN911_June 2013; Type: D2450V2; Serial: D2450V2 - SN:911

Communication System: CW; Frequency: 2450 MHz

Medium: HSL2450_Batch 110531-2

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.763$ mho/m; $\epsilon_r = 37.62$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 24.8C; Medium Temperature: 24.95C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.48, 4.48, 4.48); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)
2/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 47.5 mW/g

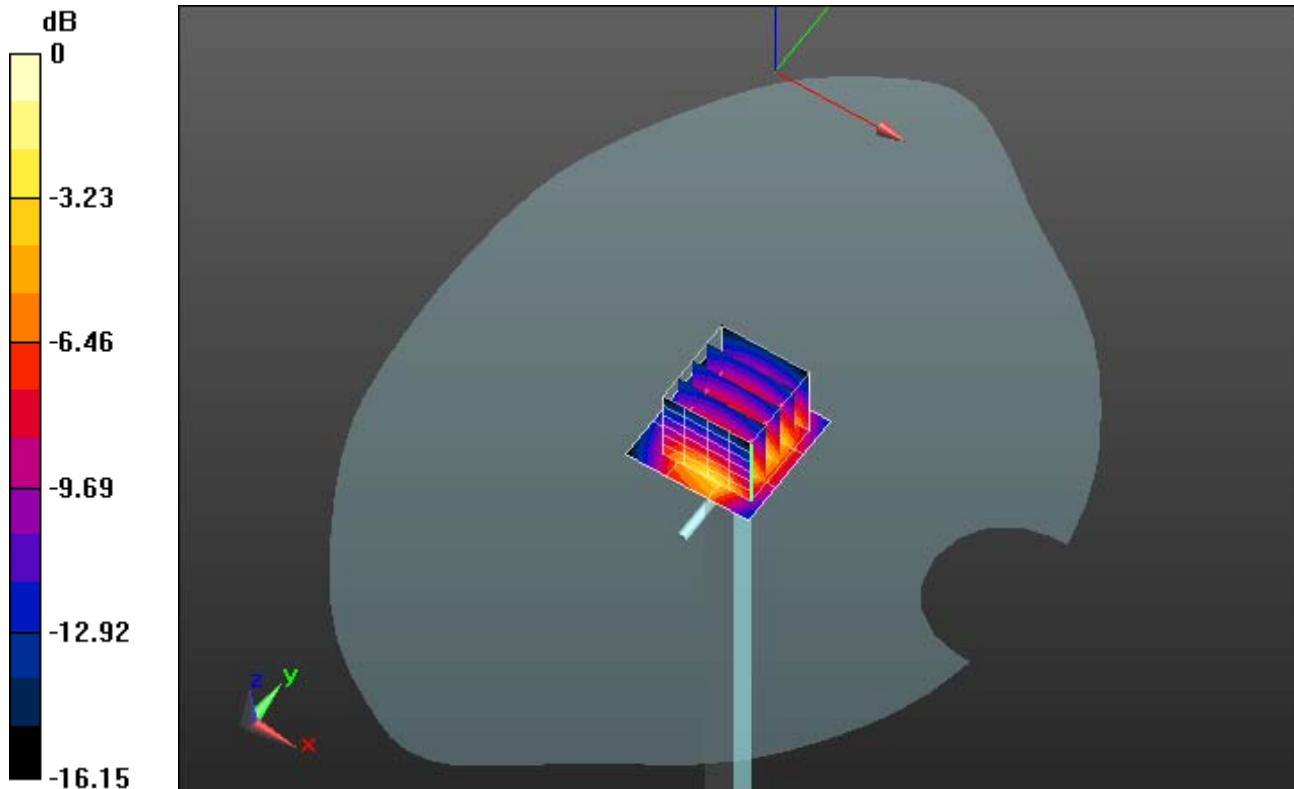
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)
2/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 194.2 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 98.950 mW/g

SAR(1 g) = 48.8 mW/g; SAR(10 g) = 22.8 mW/g

Maximum value of SAR (measured) = 64.2 mW/g



0 dB = 47.5 mW/g = 33.54 dB mW/g

Plot 304

Date/Time: 2/5/2014 2:52:52 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 2550 MHz - D2550V2 - SN1009; Type: D2550V2; Serial: D2550V2 - SN:1009

Communication System: CW; Frequency: 2550 MHz

Medium: HBBL1900-3800_Batch 130605-2

Medium parameters used: $f = 2550$ MHz; $\sigma = 1.953$ mho/m; $\epsilon_r = 37.588$; $\rho = 1000$ 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: 22.6C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.48, 4.48, 4.48); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 56.4 mW/g

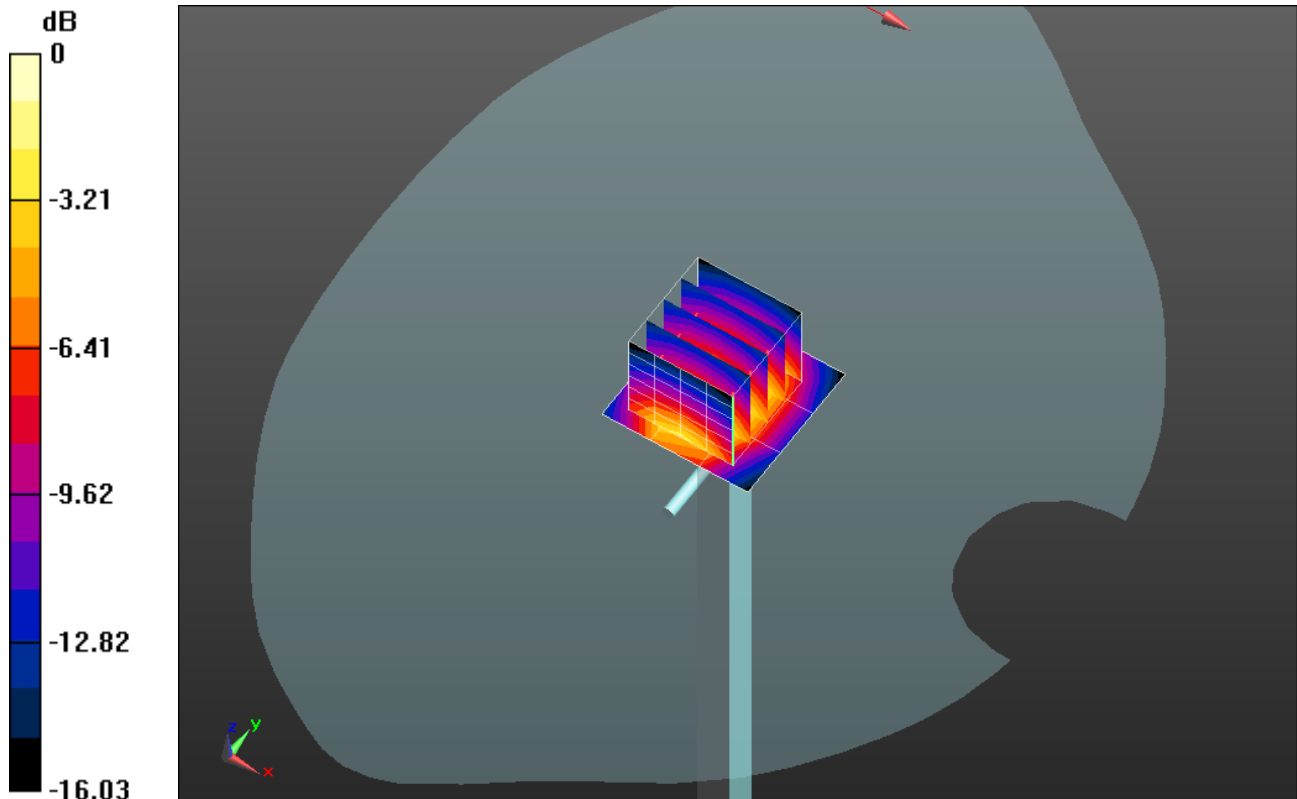
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 199.2 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 122.4 mW/g

SAR(1 g) = 57 mW/g; SAR(10 g) = 25.8 mW/g

Maximum value of SAR (measured) = 75.8 mW/g



0 dB = 56.4 mW/g = 35.02 dB mW/g

Plot 305

Date/Time: 1/13/2014 11:31:05 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz

Medium: HSL 501_Batch 100901-1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.467$ mho/m; $\epsilon_r = 36.237$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 22.2C; Medium Temperature: 22.7C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.22, 5.22, 5.22); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200
MHz 2/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 9.69 mW/g

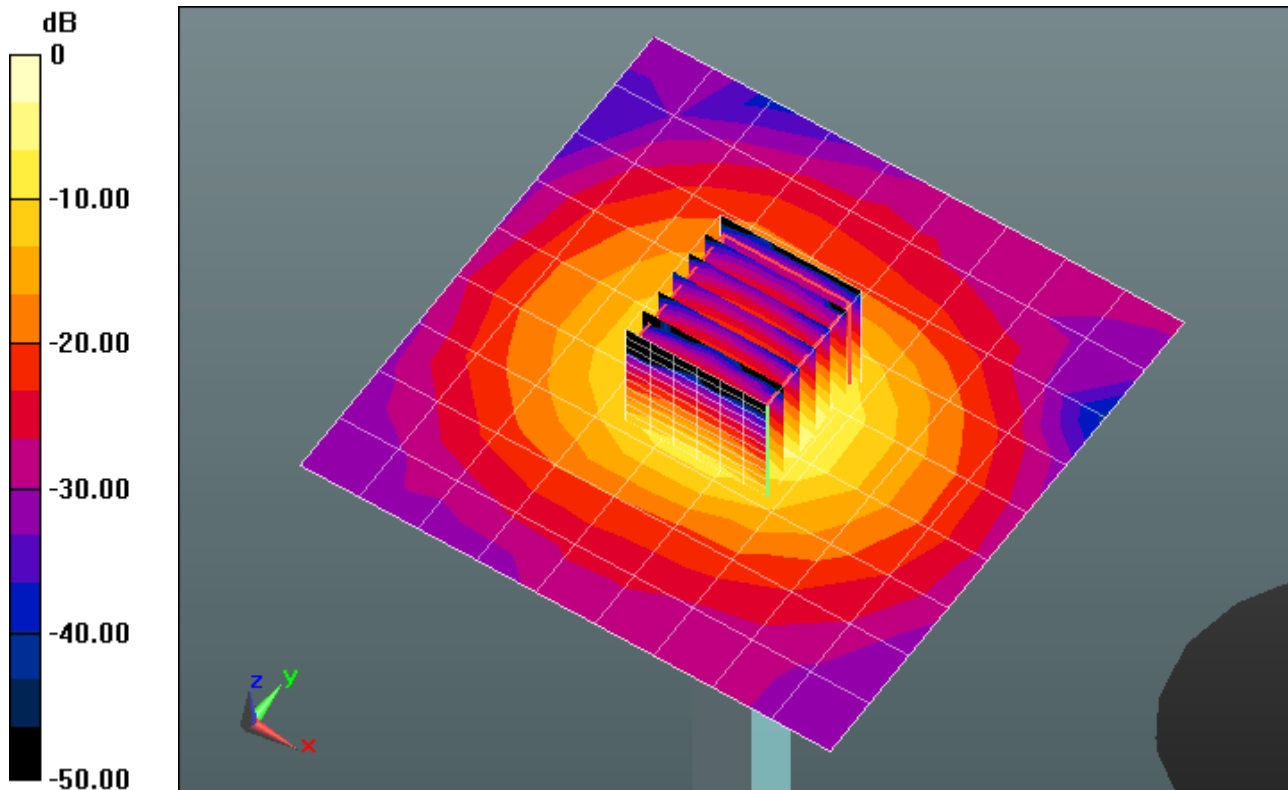
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200
MHz 2/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 60.199 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 29.276 mW/g

SAR(1 g) = 7.08 mW/g; SAR(10 g) = 2.05 mW/g

Maximum value of SAR (measured) = 14.6 mW/g



0 dB = 14.6 mW/g = 23.29 dB mW/g

Plot 306

Date/Time: 1/14/2014 11:12:10 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz

Medium: HSL 501_Batch 100901-1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.524$ mho/m; $\epsilon_r = 36.049$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 21.9; Medium Temperature: 22.14;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.22, 5.22, 5.22); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.45 mW/g

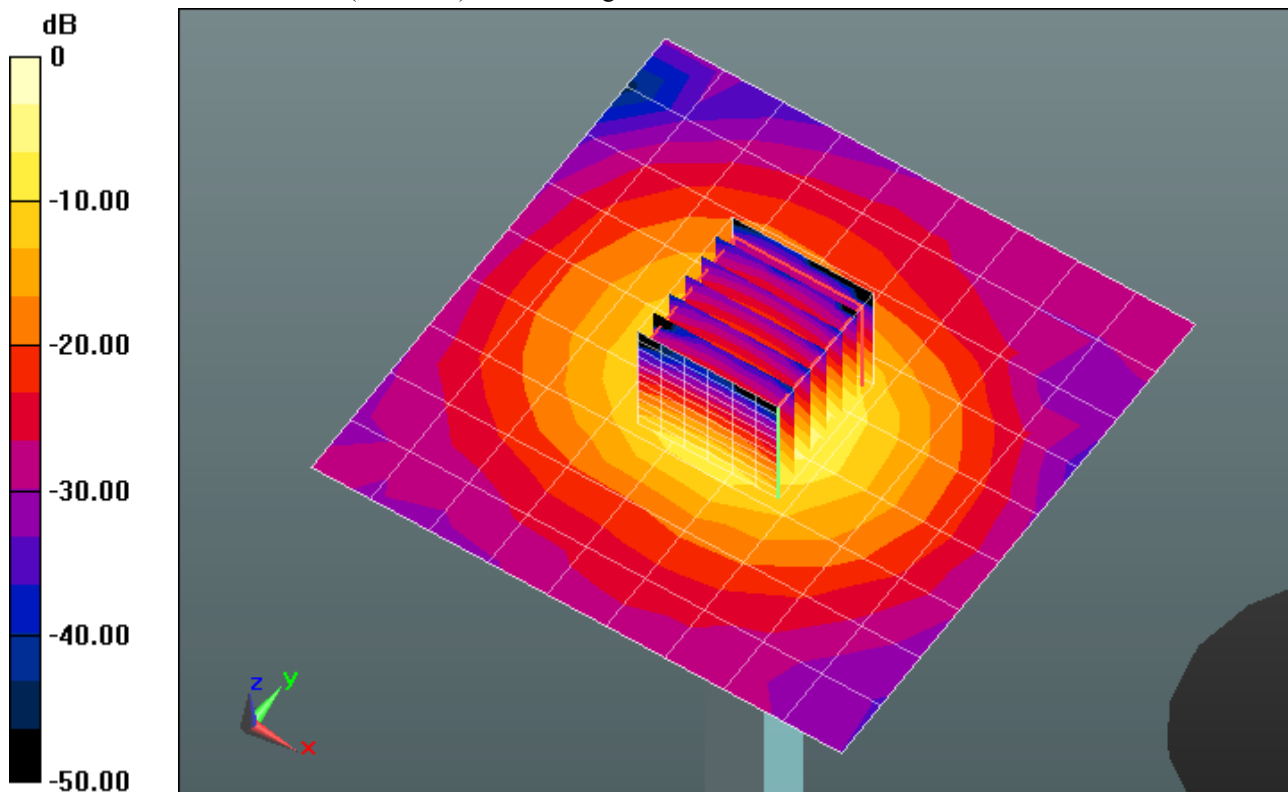
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 60.071 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 30.565 mW/g

SAR(1 g) = 7.17 mW/g; SAR(10 g) = 2.07 mW/g

Maximum value of SAR (measured) = 15.0 mW/g



0 dB = 15.0 mW/g = 23.52 dB mW/g

Plot 307

Date/Time: 1/15/2014 2:07:51 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz

Medium: HSL 501_Batch 100901-1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.467$ mho/m; $\epsilon_r = 35.602$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 23.2; Medium Temperature: 21.8; Comments:

;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.22, 5.22, 5.22); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 9.44 mW/g

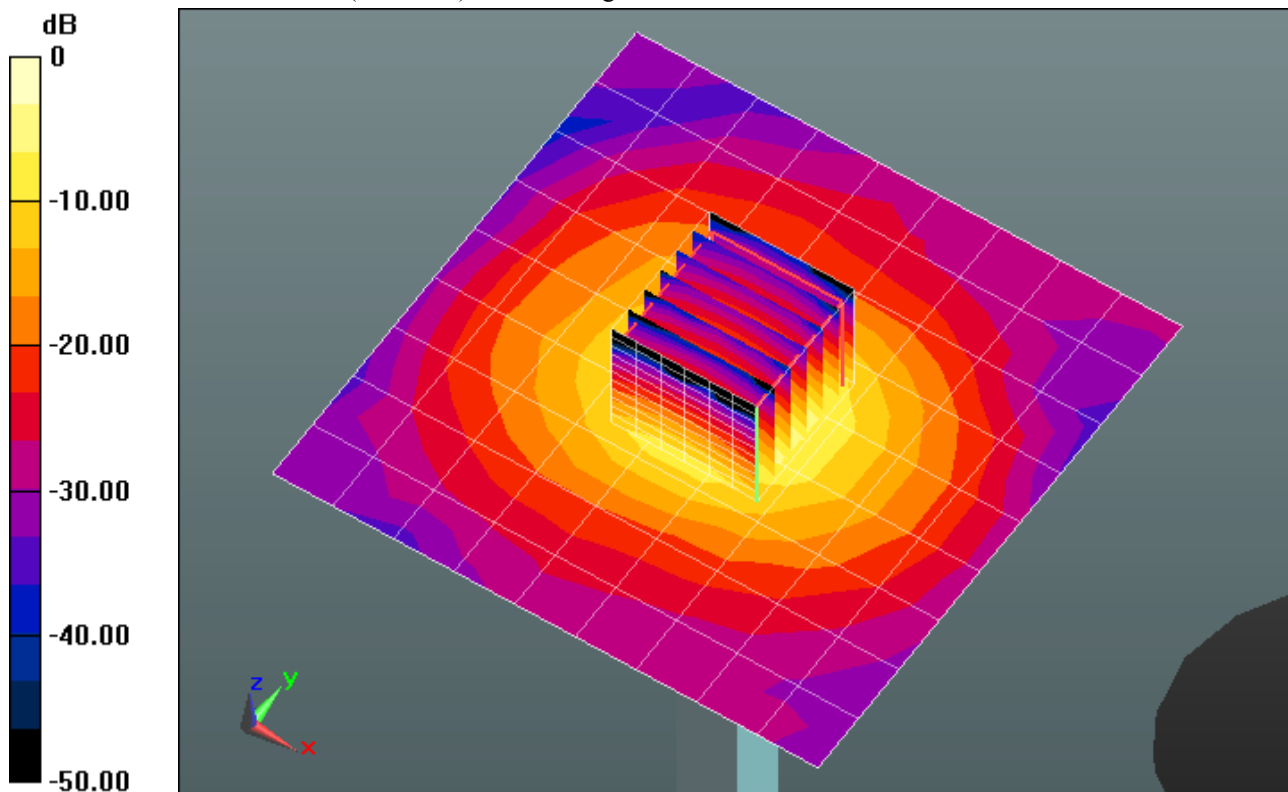
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 60.971 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 31.324 mW/g

SAR(1 g) = 7.51 mW/g; SAR(10 g) = 2.17 mW/g

Maximum value of SAR (measured) = 15.6 mW/g



0 dB = 15.6 mW/g = 23.86 dB mW/g

Plot 308

Date/Time: 1/17/2014 2:03:56 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz

Medium: HSL 501_Batch 100901-1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.559$ mho/m; $\epsilon_r = 36.436$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 21.8C; Medium Temperature: 21.5C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.22, 5.22, 5.22); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.54 mW/g

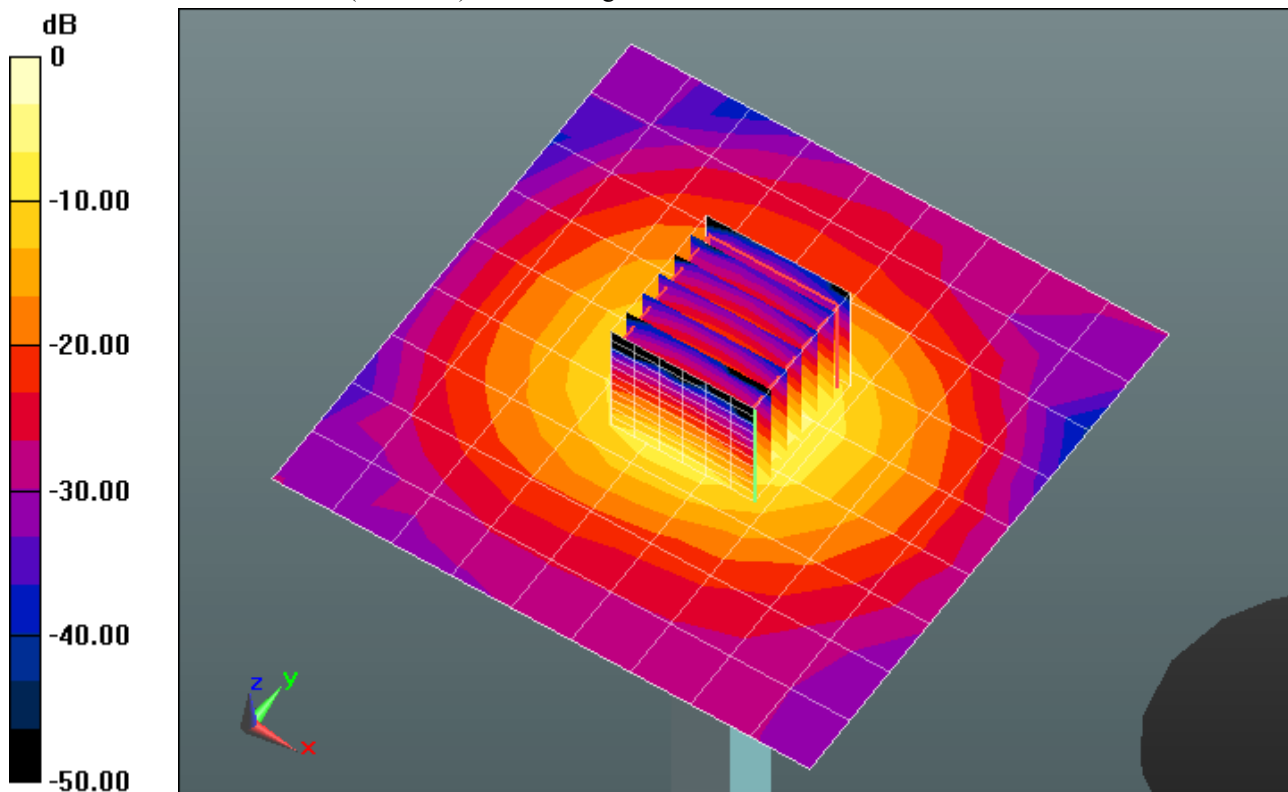
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 60.335 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 30.527 mW/g

SAR(1 g) = 7.26 mW/g; SAR(10 g) = 2.09 mW/g

Maximum value of SAR (measured) = 15.0 mW/g



0 dB = 15.0 mW/g = 23.52 dB mW/g

Plot 309

Date/Time: 4/29/2014 7:15:16 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz

Medium: HSL 501_Batch 100901-1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.497$ mho/m; $\epsilon_r = 35.823$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22.7C; Medium Temperature: 20.8C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.02, 5.02, 5.02); Calibrated: 3/18/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 10.9 mW/g

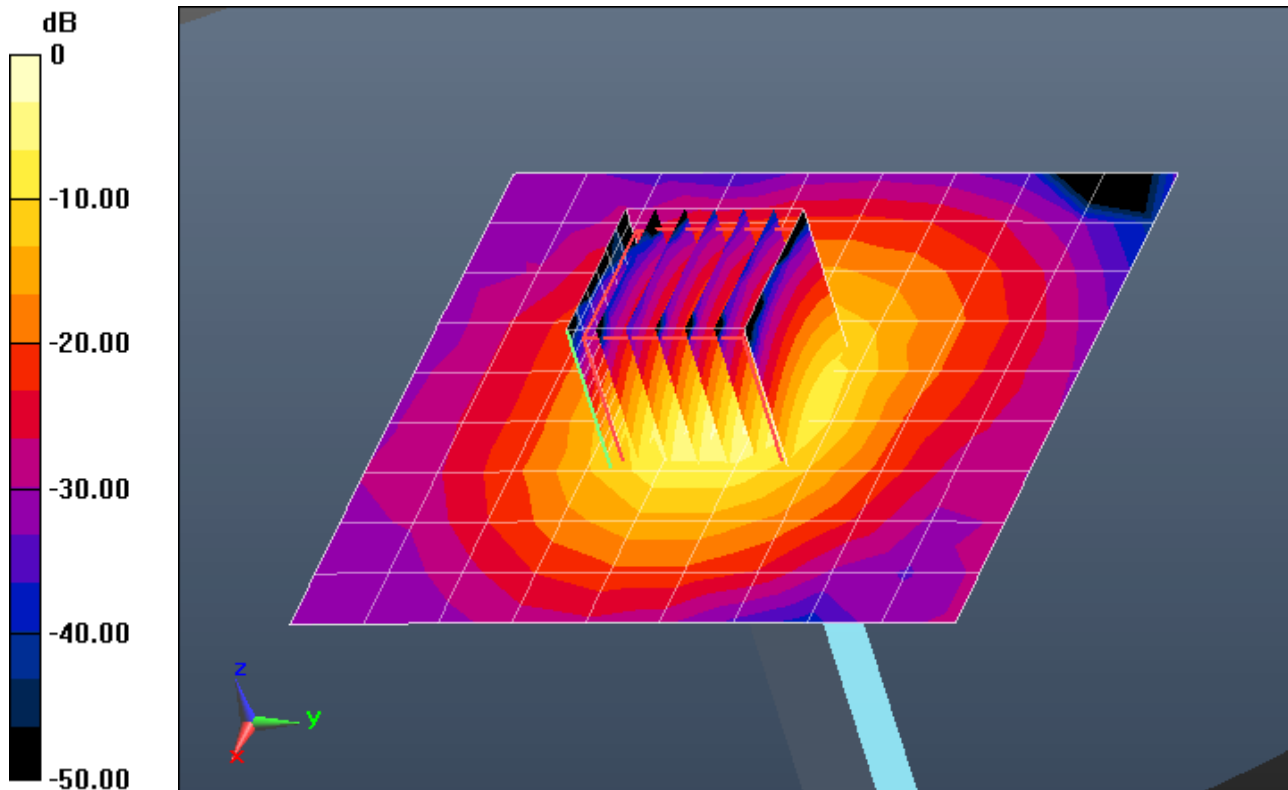
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 61.232 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 29.708 mW/g

SAR(1 g) = 7.64 mW/g; SAR(10 g) = 2.2 mW/g

Maximum value of SAR (measured) = 15.6 mW/g



0 dB = 15.6 mW/g = 23.86 dB mW/g

Plot 310

Date/Time: 2/21/2014 2:01:20 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW; Frequency: 5500 MHz

Medium: HSL 501_Batch 100901-1

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.884$ mho/m; $\epsilon_r = 36.289$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 20C; Medium Temperature: 20.55C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.88, 4.88, 4.88); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5500 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.0 mW/g

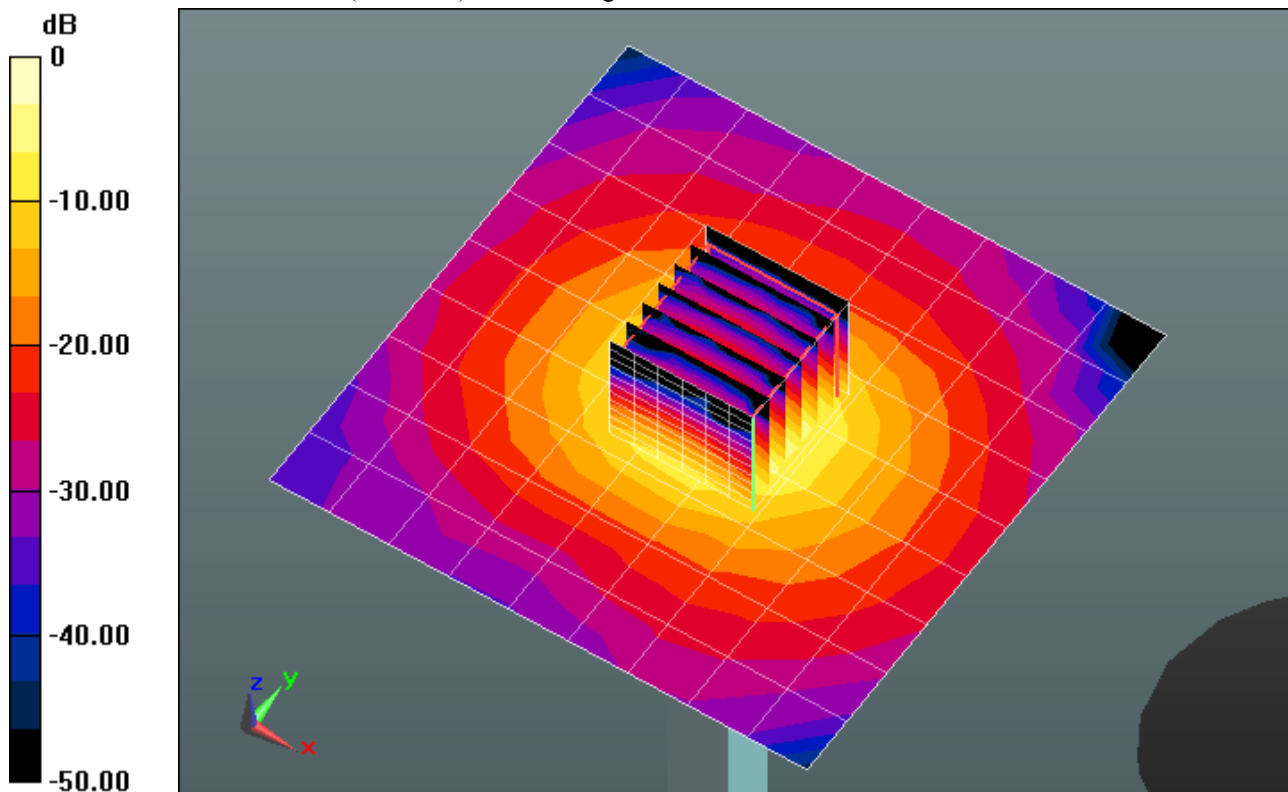
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5500 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 57.963 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 33.799 mW/g

SAR(1 g) = 7.43 mW/g; SAR(10 g) = 2.1 mW/g

Maximum value of SAR (measured) = 15.7 mW/g



0 dB = 15.7 mW/g = 23.92 dB mW/g

Plot 311

Date/Time: 5/1/2014 1:05:01 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096_Nov 2012; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

Communication System: CW; Frequency: 5500 MHz

Medium: HSL 501_Batch 100901-1

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.733$ mho/m; $\epsilon_r = 34.763$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 22.1C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.73, 4.73, 4.73); Calibrated: 3/18/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid) 2/d=10mm, Pin=100mW, f=5500 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.7 mW/g

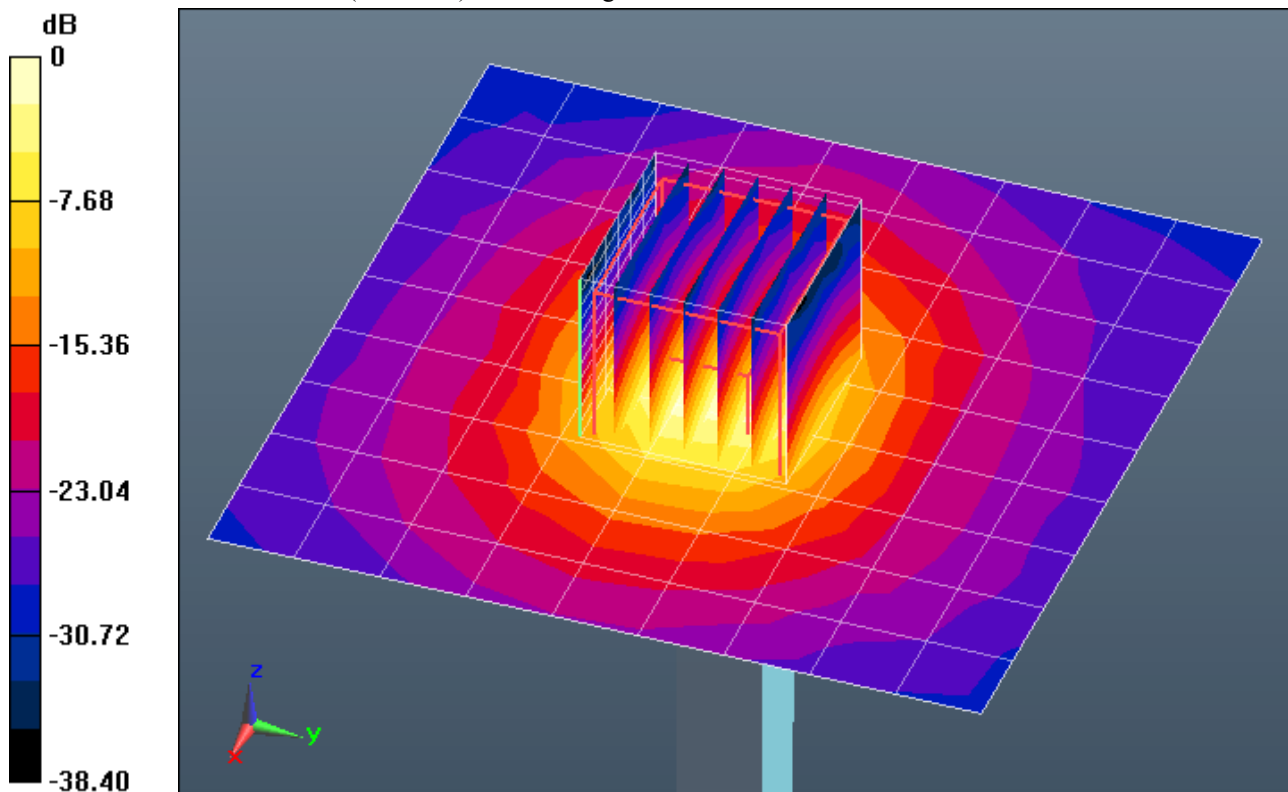
System Performance Check with D5GHzV2 Dipole (uniform grid) 2/d=10mm, Pin=100mW, f=5500 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 59.480 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 31.608 mW/g

SAR(1 g) = 7.58 mW/g; SAR(10 g) = 2.16 mW/g

Maximum value of SAR (measured) = 15.9 mW/g



0 dB = 15.9 mW/g = 24.03 dB mW/g

Plot 312

Date/Time: 5/2/2014 6:00:27 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096_Nov 2012; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

Communication System: CW; Frequency: 5500 MHz

Medium: HSL 501_Batch 100901-1

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.732$ mho/m; $\epsilon_r = 34.159$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 23.5C; Medium Temperature: 21.8C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.73, 4.73, 4.73); Calibrated: 3/18/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5500 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.39 mW/g

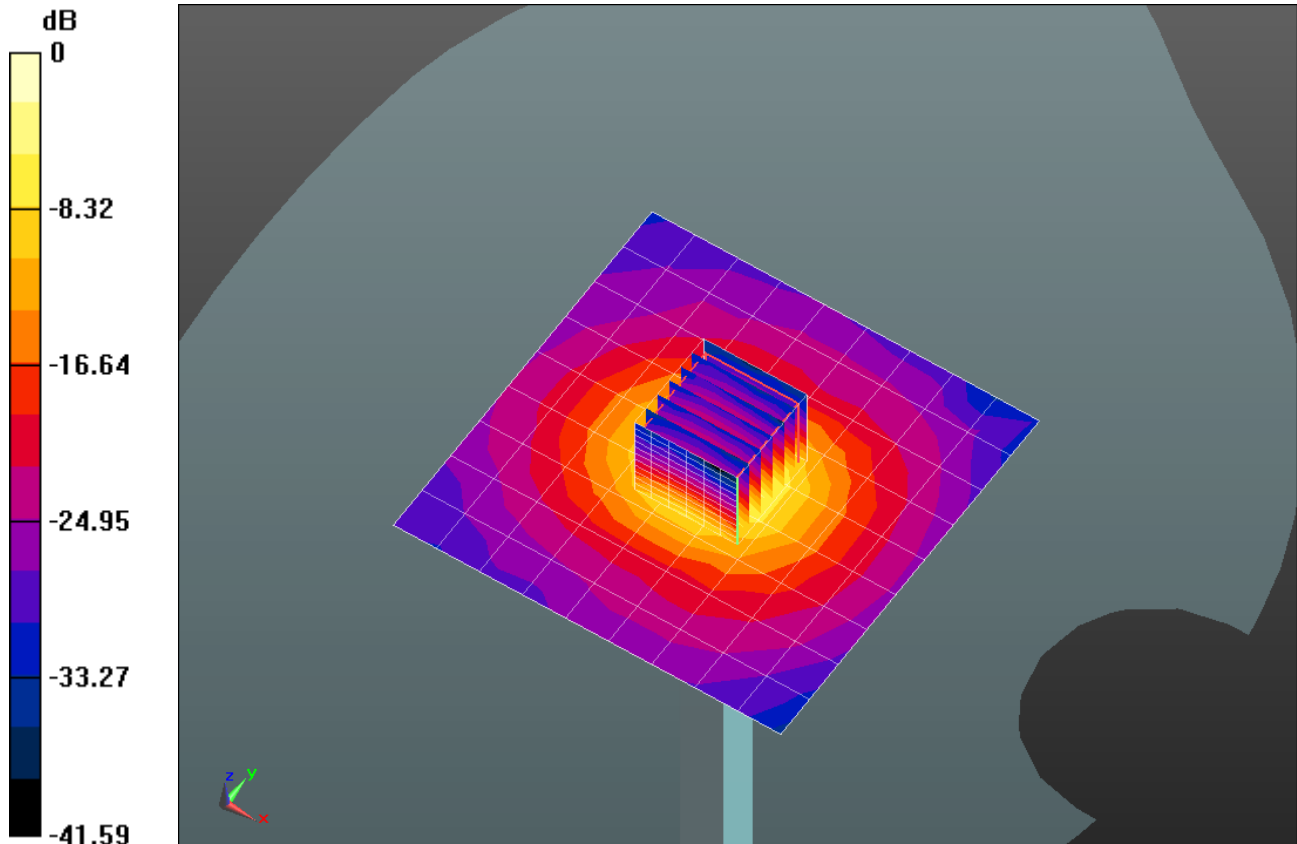
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5500 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 61.385 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 33.214 mW/g

SAR(1 g) = 7.87 mW/g; SAR(10 g) = 2.24 mW/g

Maximum value of SAR (measured) = 16.5 mW/g



0 dB = 16.5 mW/g = 24.35 dB mW/g

Plot 313

Date/Time: 1/23/2014 10:56:44 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5800 MHz

Medium: HSL 501_Batch 100901-1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.336$ mho/m; $\epsilon_r = 36.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 21.2C; Medium Temperature: 21.9C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.56, 4.56, 4.56); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.68 mW/g

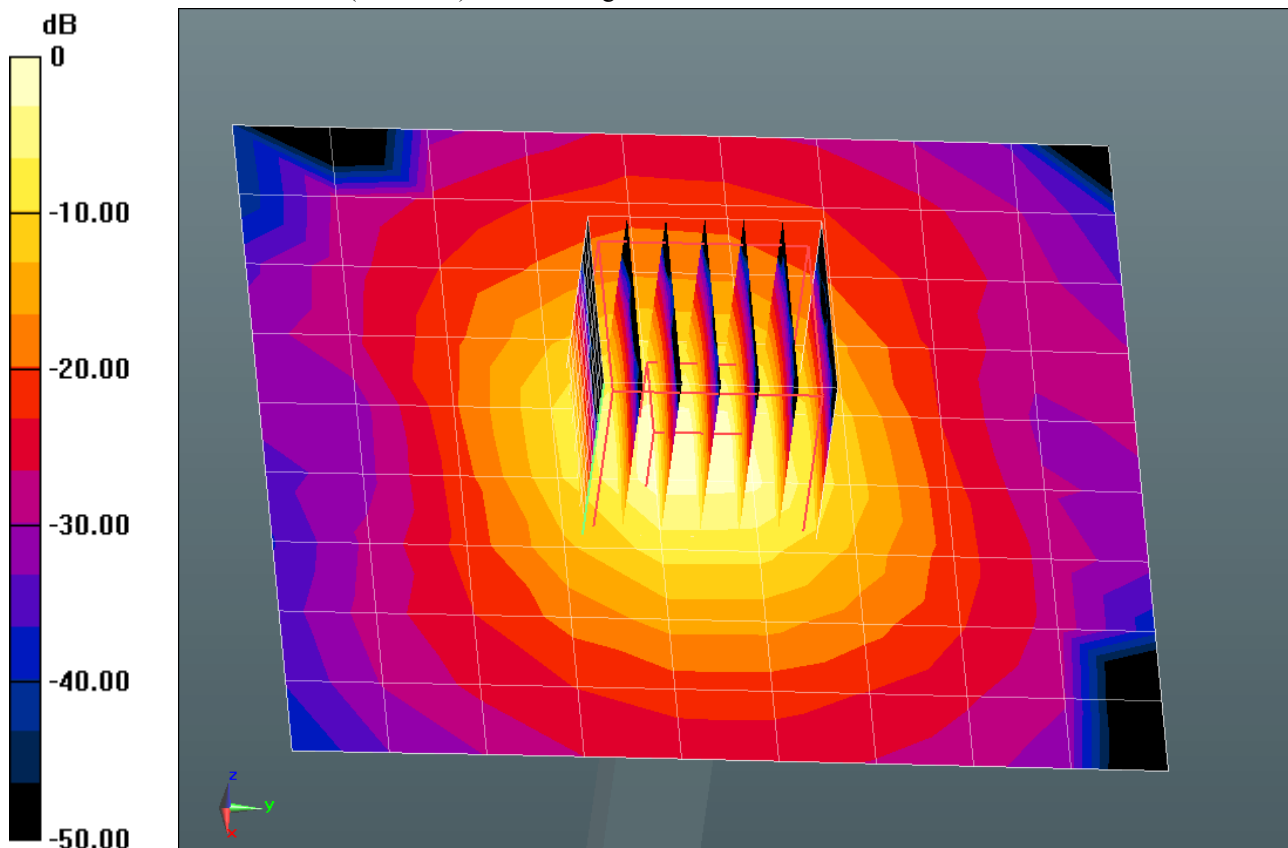
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 56.666 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 31.332 mW/g

SAR(1 g) = 6.97 mW/g; SAR(10 g) = 1.94 mW/g

Maximum value of SAR (measured) = 14.7 mW/g



0 dB = 14.7 mW/g = 23.35 dB mW/g

Plot 314

Date/Time: 2/12/2014 3:51:06 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 750 MHz - D750V3 - SN1090_June 2013; Type: D750V3; Serial: D750V3 - SN:1090

Communication System: CW; Frequency: 750 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 750$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.306$; $\rho = 1000$ 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: 22.1C;

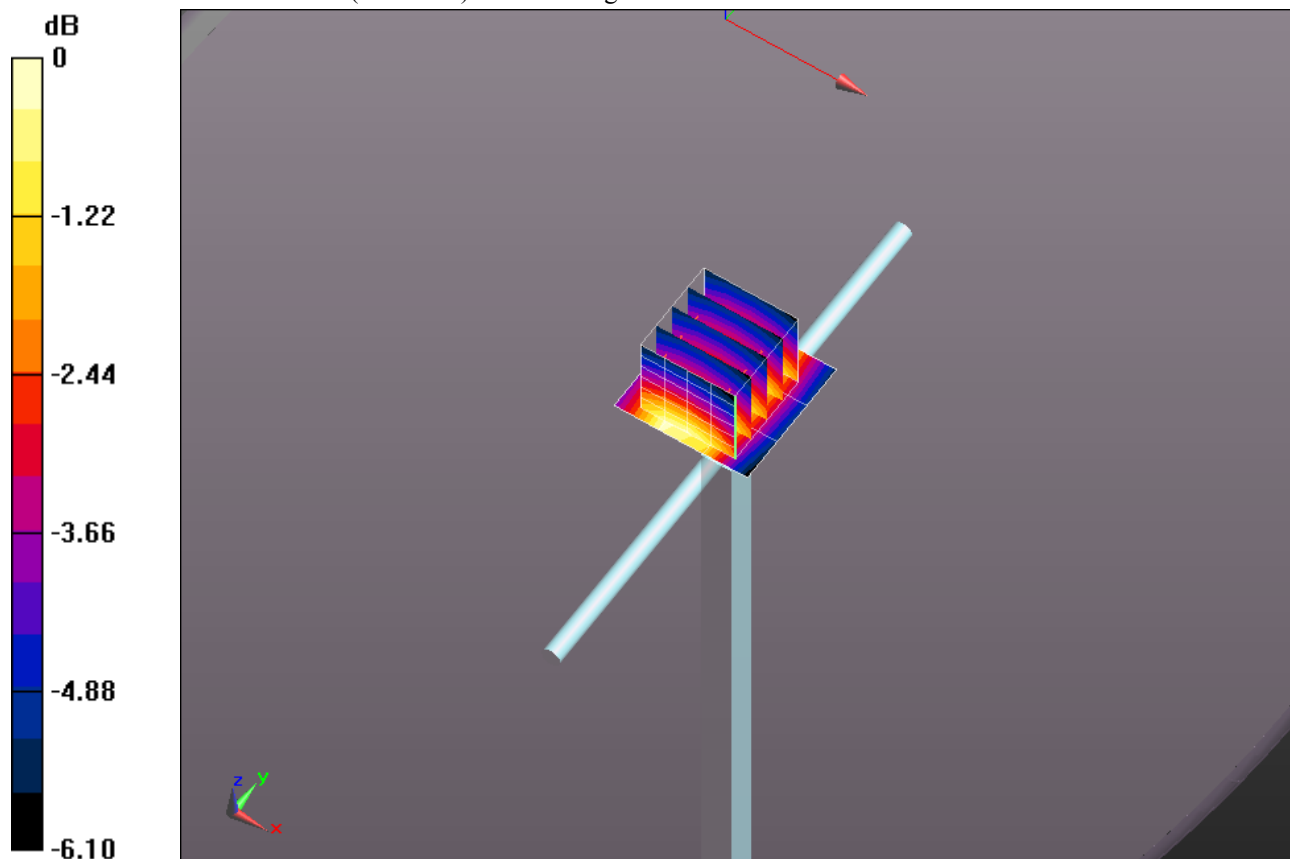
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 8.75 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 101.2 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 11.714 mW/g
SAR(1 g) = 8.16 mW/g; SAR(10 g) = 5.44 mW/g
Maximum value of SAR (measured) = 9.36 mW/g



0 dB = 8.75 mW/g = 18.84 dB mW/g

Plot 315

Date/Time: 2/25/2014 12:26:13 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 750 MHz - D750V3 - SN1090_June 2013; Type: D750V3; Serial: D750V3 - SN:1090

Communication System: CW; Frequency: 750 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 750$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 53.876$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.9C; Medium Temperature: 20.4C;

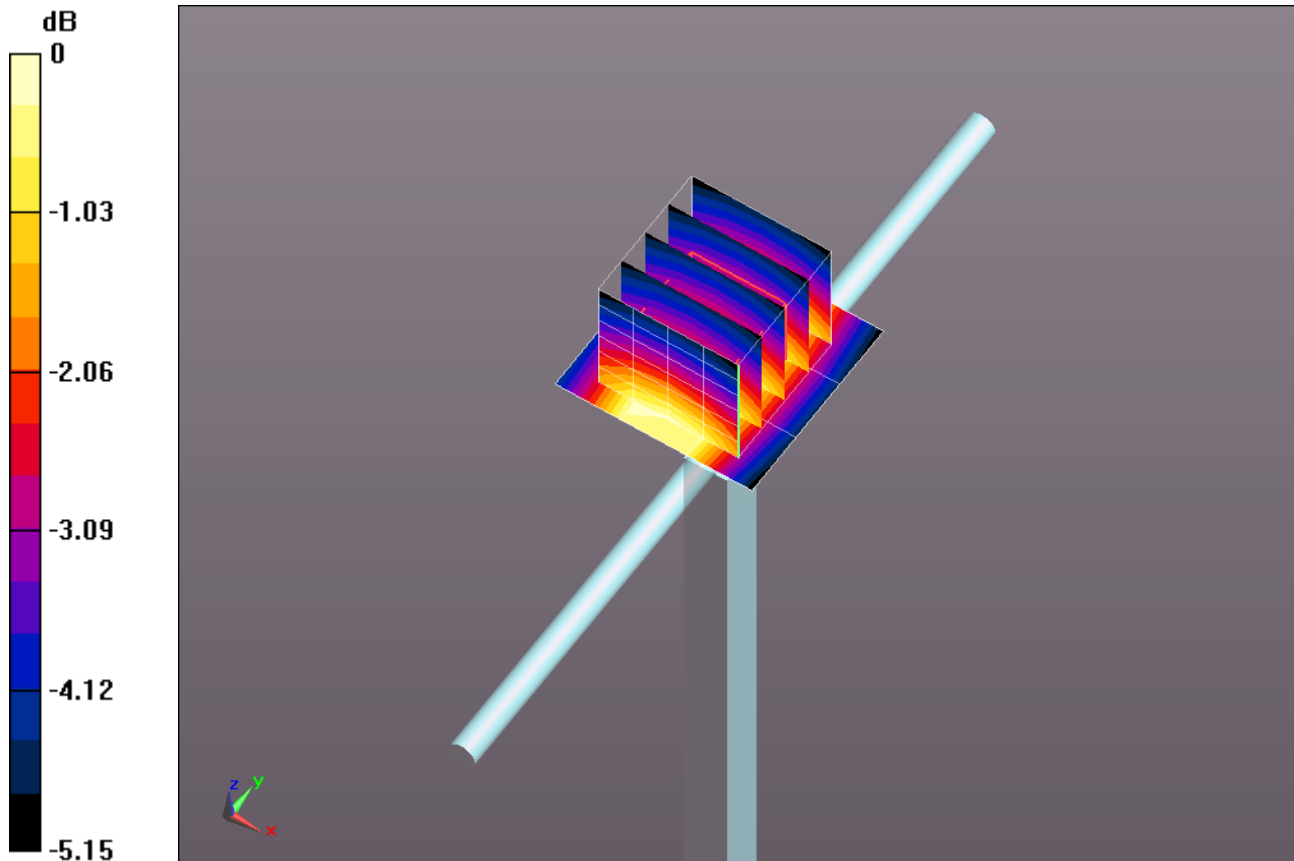
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.45, 6.45, 6.45); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 8.43 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 103.3 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 12.107 mW/g
SAR(1 g) = 8.39 mW/g; SAR(10 g) = 5.59 mW/g
Maximum value of SAR (measured) = 9.75 mW/g



0 dB = 8.43 mW/g = 18.52 dB mW/g

Plot 316

Date/Time: 12/2/2013 1:23:51 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

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

Communication System: CW; Frequency: 835 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 835$ MHz; $\sigma = 1.001$ mho/m; $\epsilon_r = 53.514$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.2C; Medium Temperature: 20.0C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 9.67 mW/g

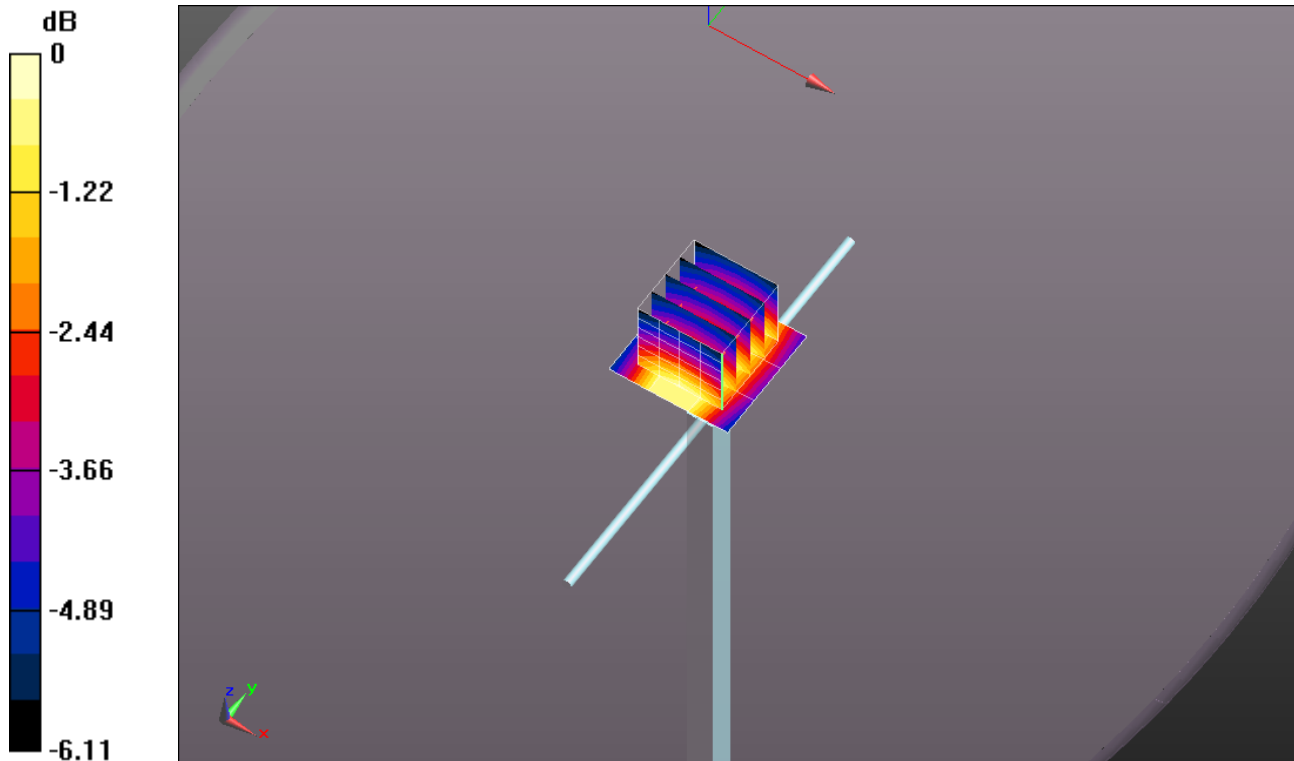
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.5 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 13.580 mW/g

SAR(1 g) = 9.39 mW/g; SAR(10 g) = 6.21 mW/g

Maximum value of SAR (measured) = 10.9 mW/g



0 dB = 9.67 mW/g = 19.71 dB mW/g

Plot 317

Date/Time: 12/9/2013 10:00:43 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

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

Communication System: CW; Frequency: 835 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 835$ MHz; $\sigma = 1.005$ mho/m; $\epsilon_r = 53.063$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.2C; Medium Temperature: 20.0C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 9.66 mW/g

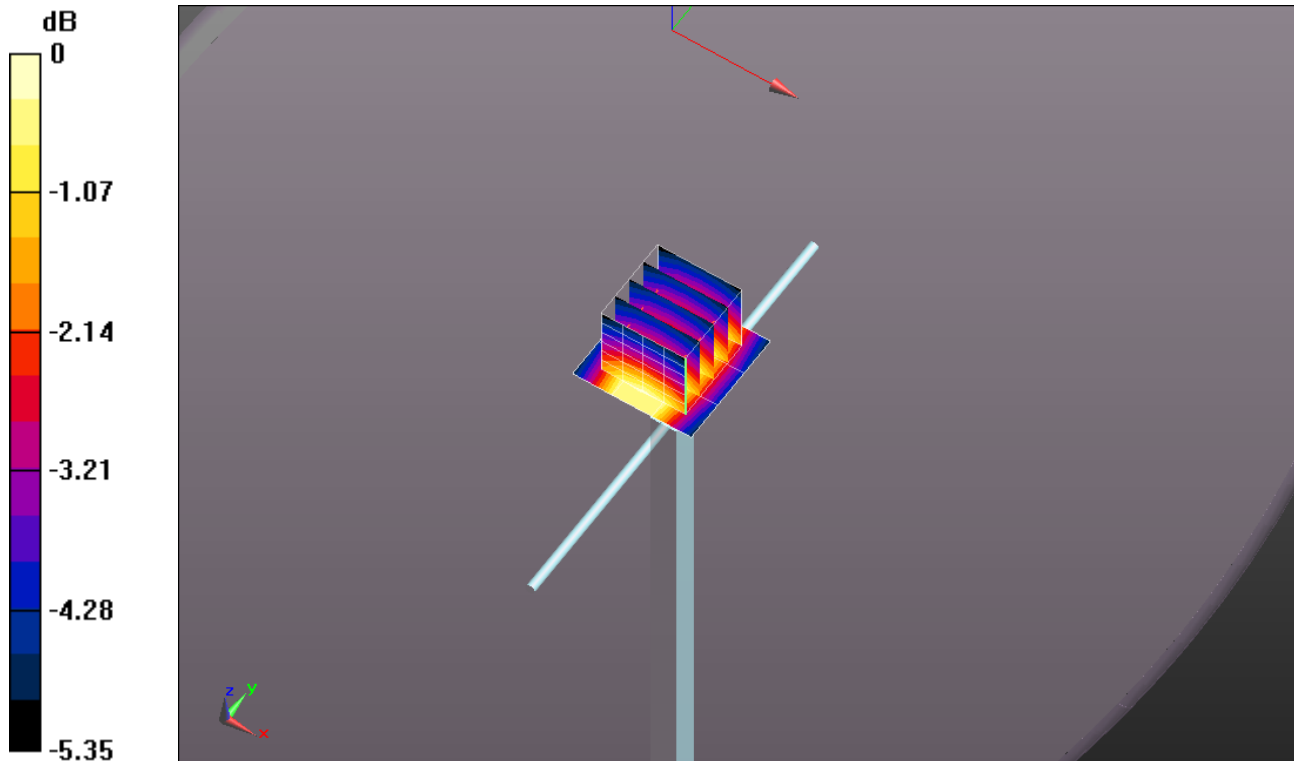
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.0 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 14.047 mW/g

SAR(1 g) = 9.74 mW/g; SAR(10 g) = 6.44 mW/g

Maximum value of SAR (measured) = 11.4 mW/g



0 dB = 9.66 mW/g = 19.70 dB mW/g

Plot 318

Date/Time: 12/9/2013 3:45:53 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

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

Communication System: CW; Frequency: 835 MHz

Medium: MSL900_Batch 110614-1

Medium parameters used: $f = 835$ MHz; $\sigma = 1.005$ mho/m; $\epsilon_r = 53.063$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.2C; Medium Temperature: 20.0C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 9.69 mW/g

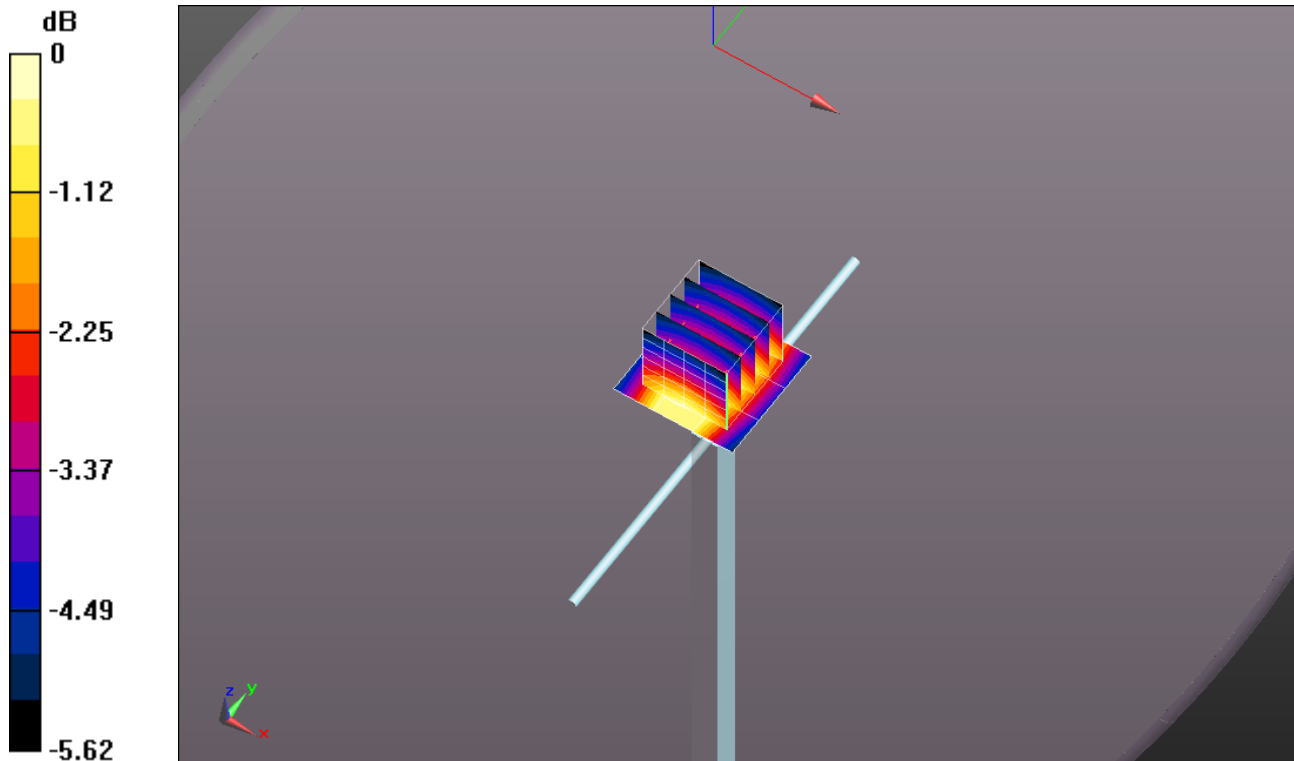
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.8 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 14.318 mW/g

SAR(1 g) = 9.93 mW/g; SAR(10 g) = 6.58 mW/g

Maximum value of SAR (measured) = 11.6 mW/g



0 dB = 9.69 mW/g = 19.73 dB mW/g

Plot 319

Date/Time: 1/27/2014 11:10:23 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d155_June 2013; Type: D835V2; Serial: D835V2 - SN:4d155

Communication System: CW; Frequency: 835 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 835$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 52.814$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 20.5C; Medium Temperature: 19.8C;

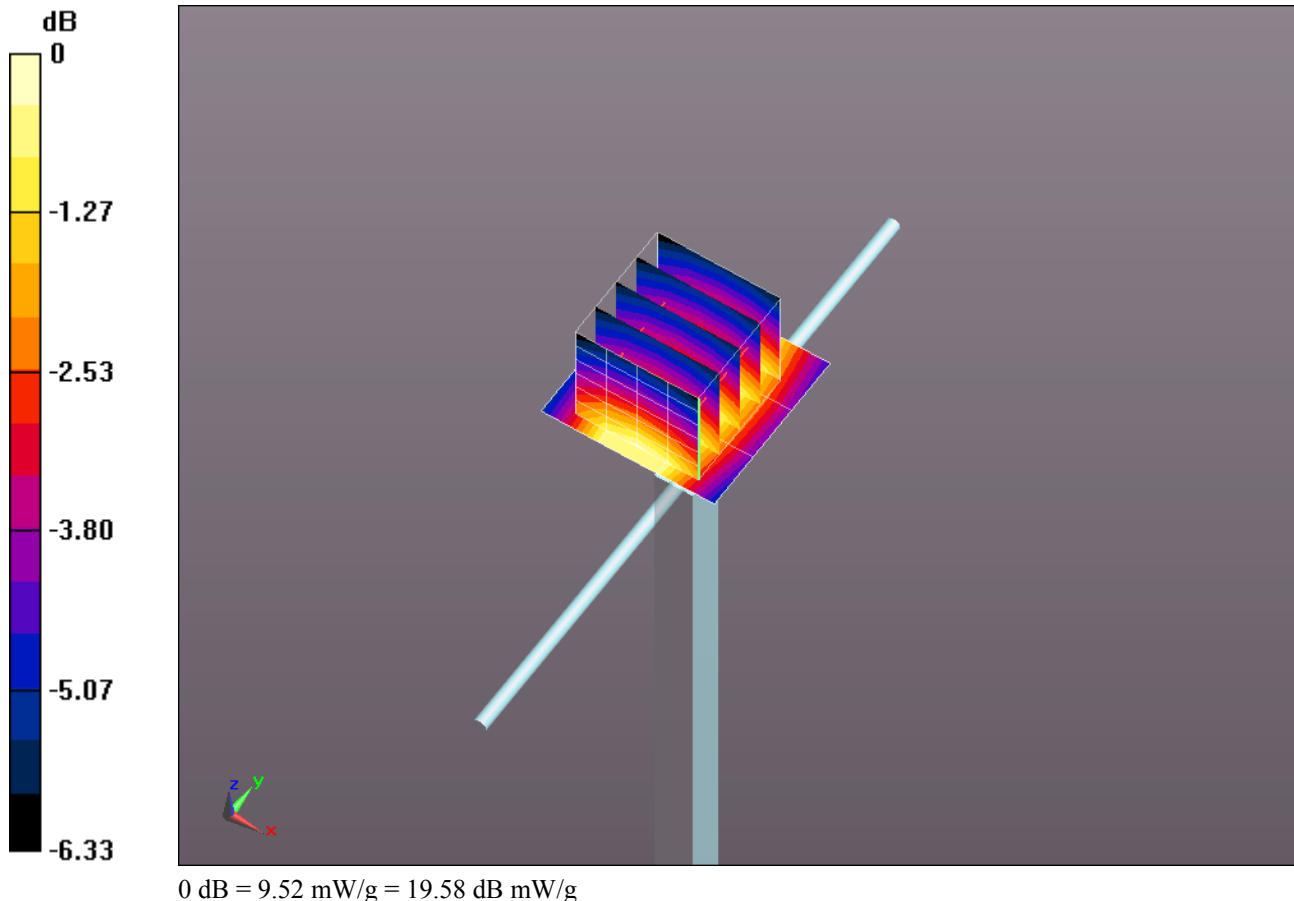
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 9.52 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 108.8 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 13.502 mW/g
SAR(1 g) = 9.36 mW/g; SAR(10 g) = 6.21 mW/g
Maximum value of SAR (measured) = 10.8 mW/g



Plot 320

Date/Time: 2/22/2014 3:43:05 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113_Nov 2012; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.72$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.5C; Medium Temperature: 20.9C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 9.52 mW/g

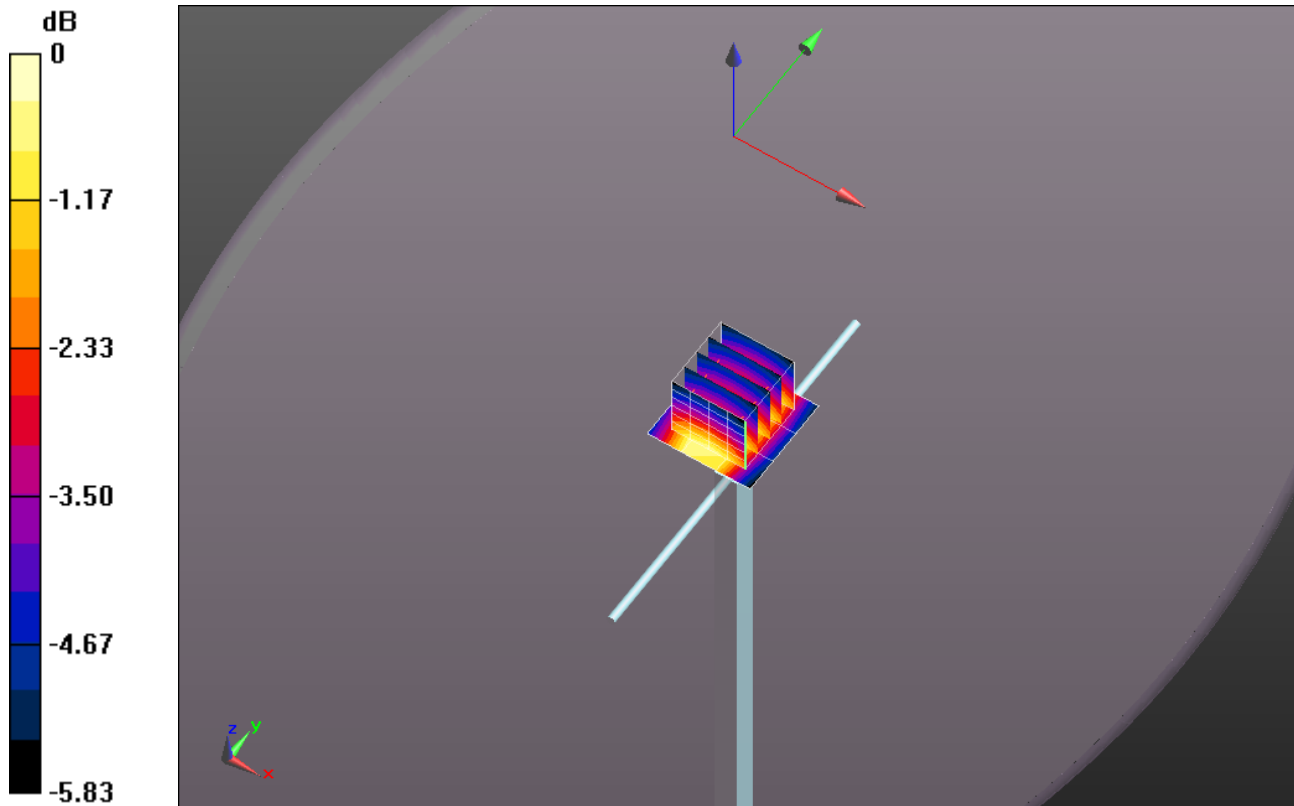
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.7 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 13.629 mW/g

SAR(1 g) = 9.41 mW/g; SAR(10 g) = 6.23 mW/g

Maximum value of SAR (measured) = 10.9 mW/g



0 dB = 9.52 mW/g = 19.57 dB mW/g

Plot 321

Date/Time: 11/27/2013 10:32:17 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1045; Type: D1750V2; Serial: D1750V2 - SN:1045

Communication System: CW; Frequency: 1750 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 51.477$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 20.8C; Medium Temperature: 19.4C;

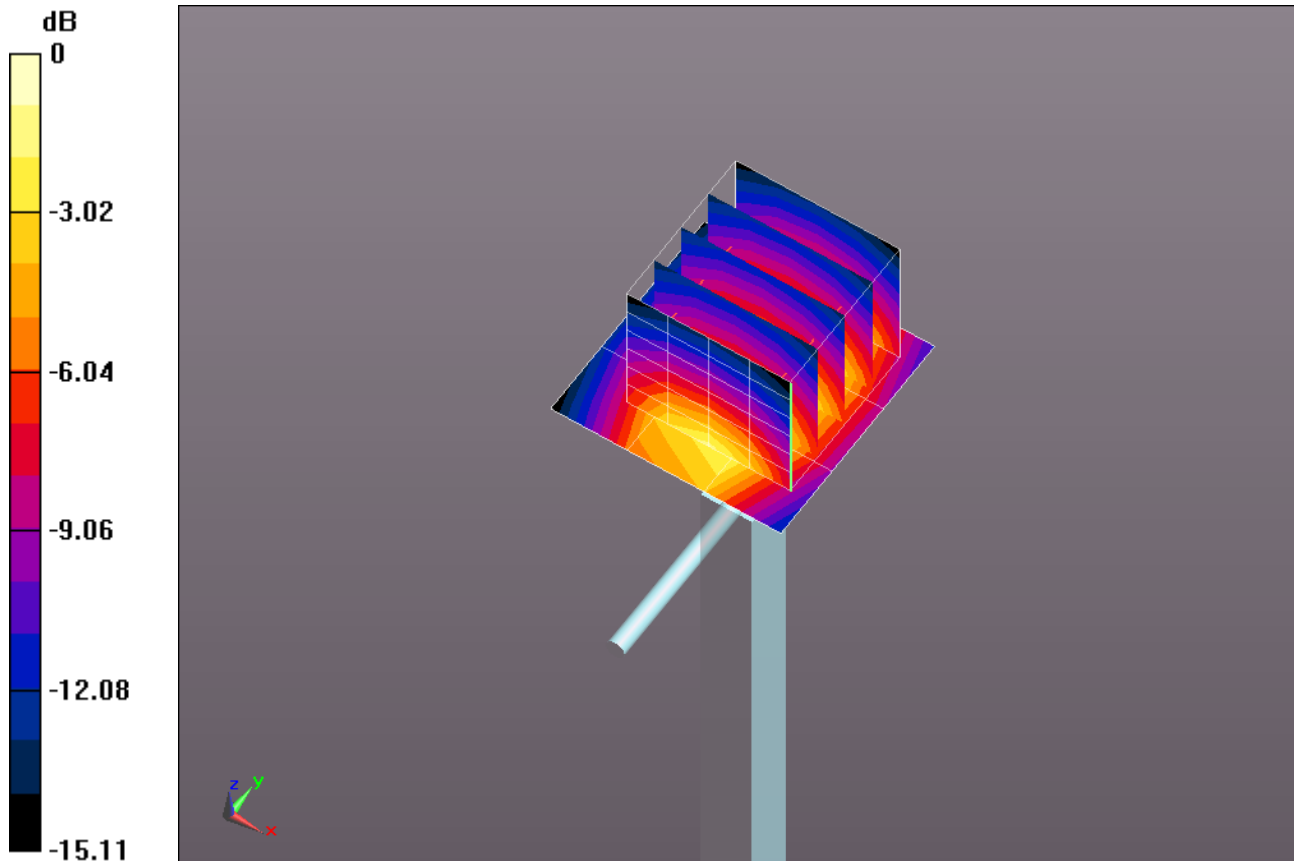
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 35.2 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 172.7 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 59.973 mW/g
SAR(1 g) = 34.5 mW/g; SAR(10 g) = 18.3 mW/g
Maximum value of SAR (measured) = 43.5 mW/g



0 dB = 35.2 mW/g = 30.94 dB mW/g

Plot 322

Date/Time: 2/14/2014 1:03:47 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.508$ mho/m; $\epsilon_r = 51.331$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 20.7C; Medium Temperature: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 30.0 mW/g

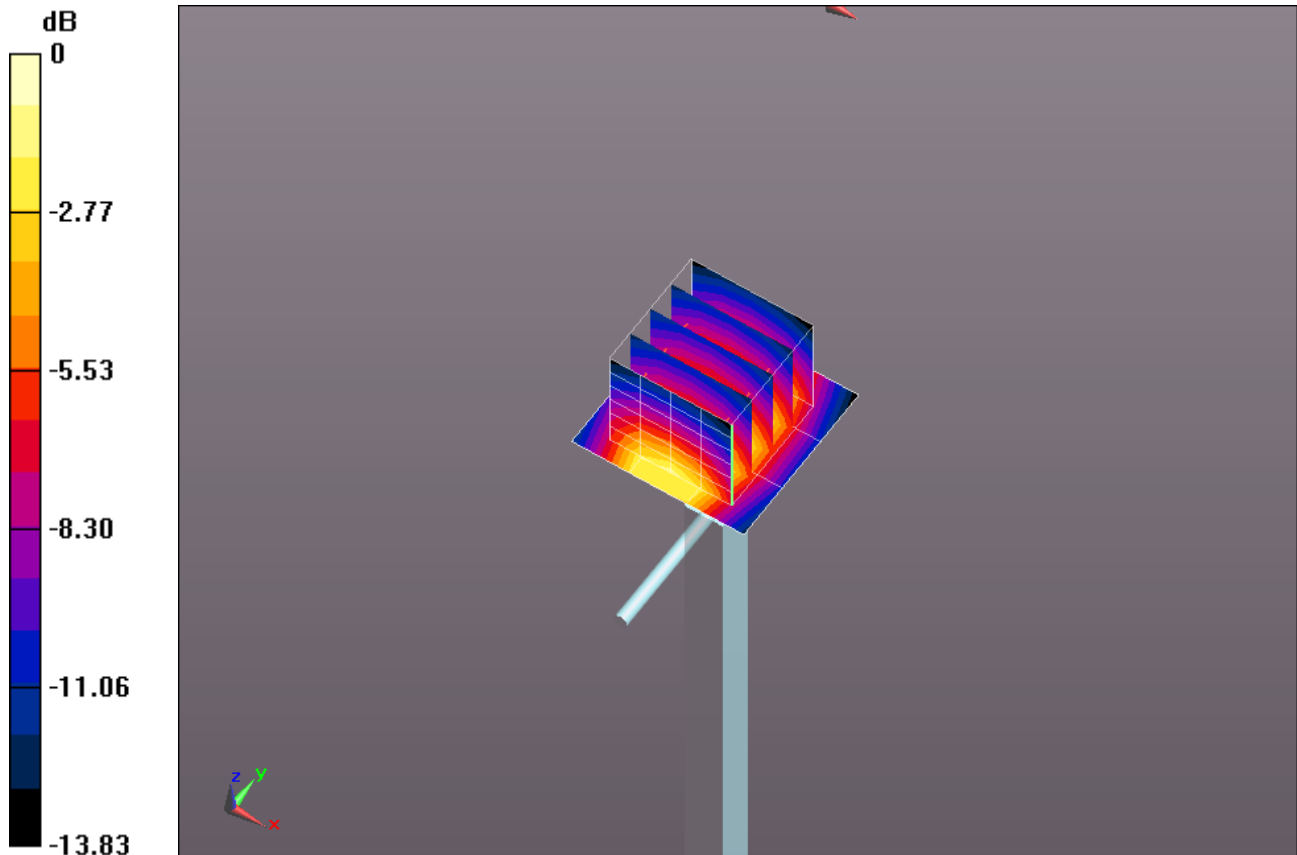
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 173.6 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 59.618 mW/g

SAR(1 g) = 34.3 mW/g; SAR(10 g) = 18.3 mW/g

Maximum value of SAR (measured) = 43.1 mW/g



0 dB = 30.0 mW/g = 29.54 dB mW/g

Plot 323

Date/Time: 2/18/2014 10:06:08 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 50.992$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 19.6C; Medium Temperature: 20.4C;

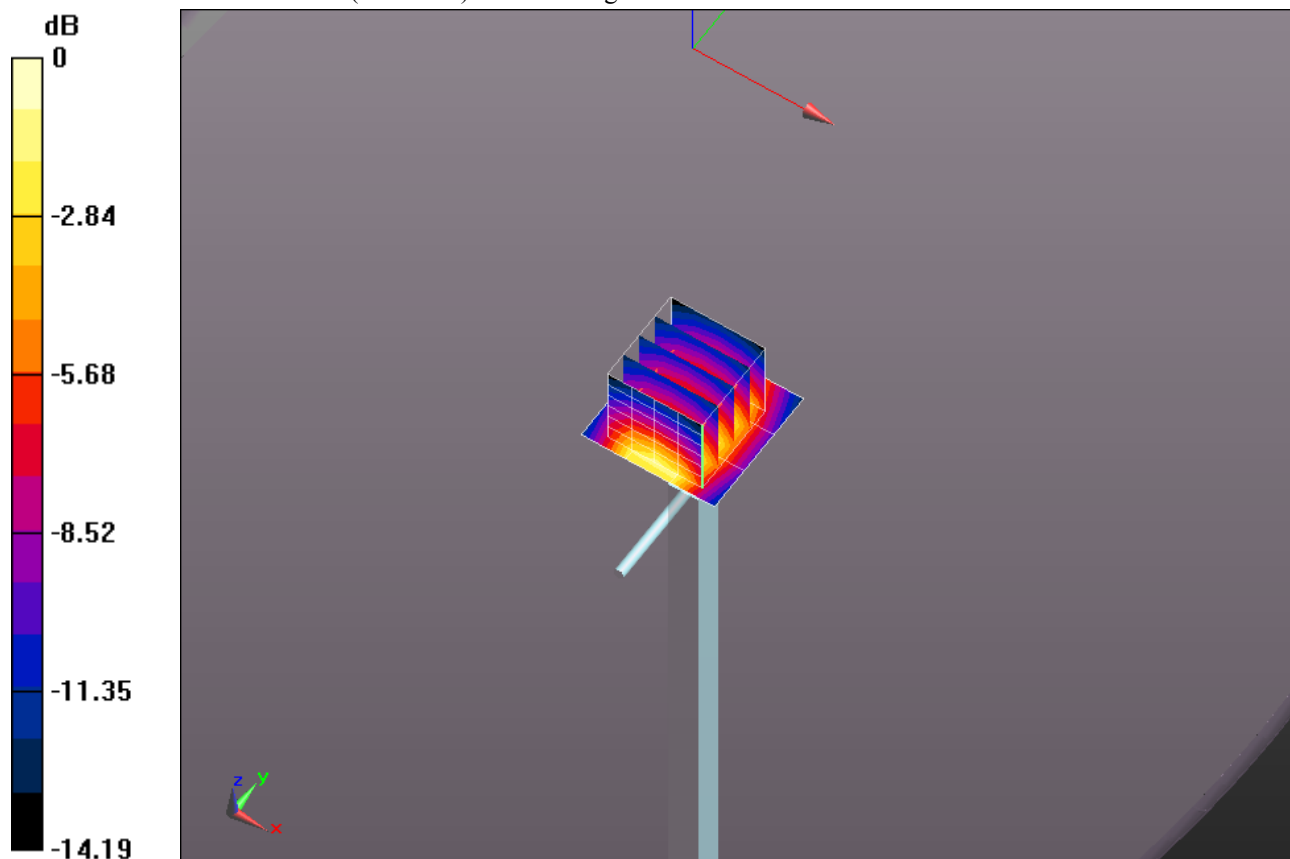
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 30.2 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 174.4 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 60.794 mW/g
SAR(1 g) = 34.7 mW/g; SAR(10 g) = 18.4 mW/g
Maximum value of SAR (measured) = 43.7 mW/g



0 dB = 30.2 mW/g = 29.61 dB mW/g

Plot 324

Date/Time: 2/19/2014 4:42:39 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 51.269$; $\rho = 1000$ 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: 20.9C;

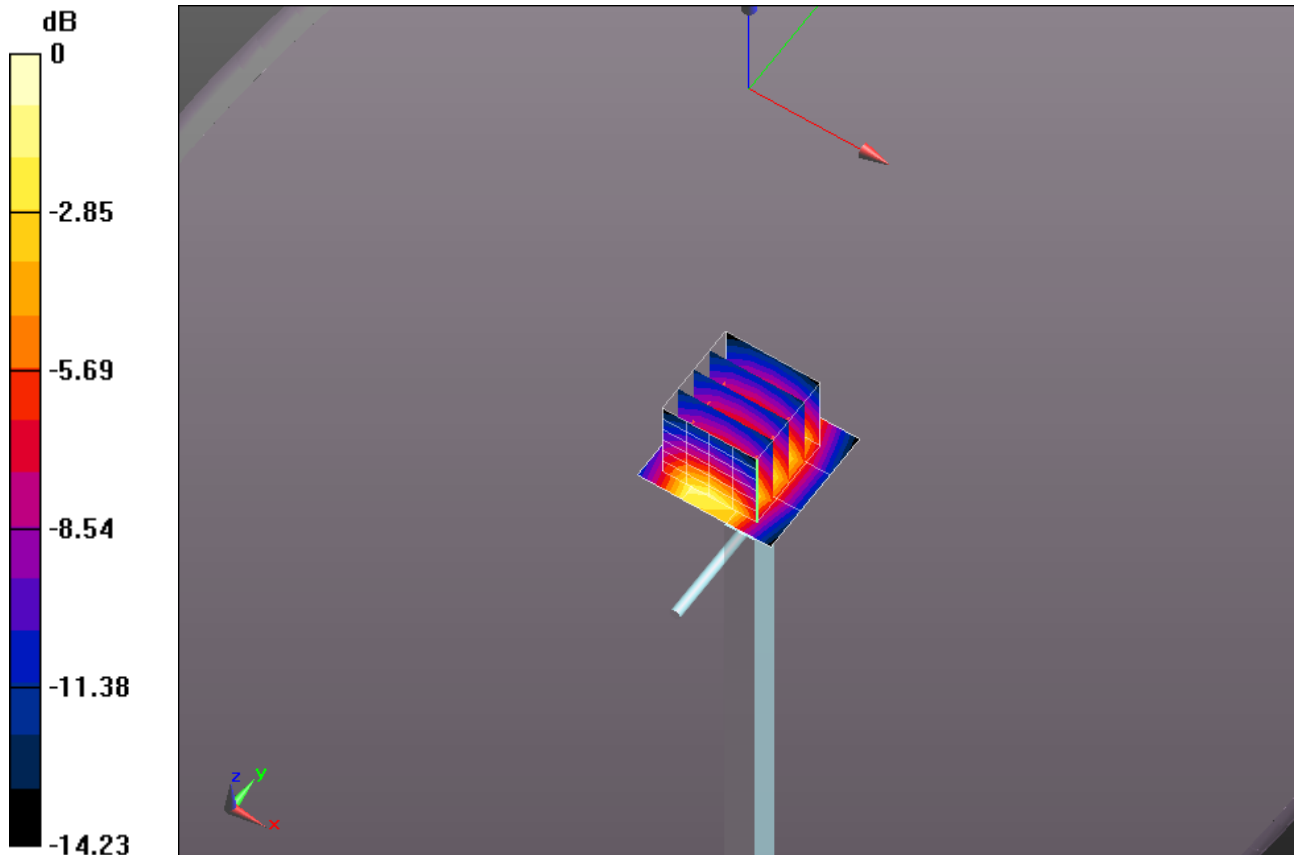
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.01, 5.01, 5.01); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 33.3 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 175.5 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 62.174 mW/g
SAR(1 g) = 35.5 mW/g; SAR(10 g) = 18.8 mW/g
Maximum value of SAR (measured) = 44.9 mW/g



0 dB = 33.3 mW/g = 30.45 dB mW/g

Plot 325

Date/Time: 4/18/2014 6:00:31 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.492$ mho/m; $\epsilon_r = 50.967$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 23.3C; Medium Temperature: 21.9C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.9, 4.9, 4.9); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 30.8 mW/g

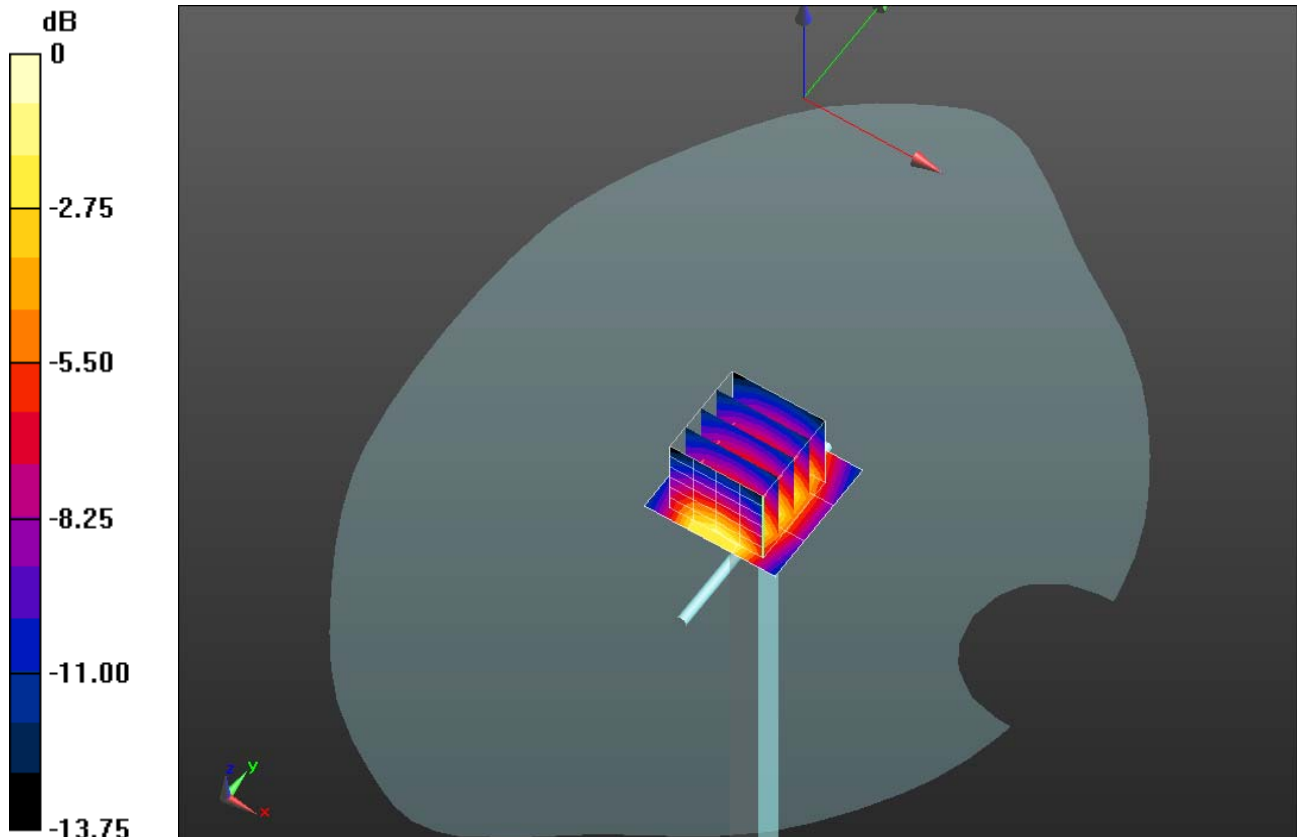
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 176.3 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 59.522 mW/g

SAR(1 g) = 34.2 mW/g; SAR(10 g) = 18.3 mW/g

Maximum value of SAR (measured) = 43.0 mW/g



0 dB = 30.8 mW/g = 29.76 dB mW/g

Plot 326

Date/Time: 4/21/2014 11:35:42 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 51.409$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 23.4C ; Medium Temperature: 22.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.9, 4.9, 4.9); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 32.4 mW/g

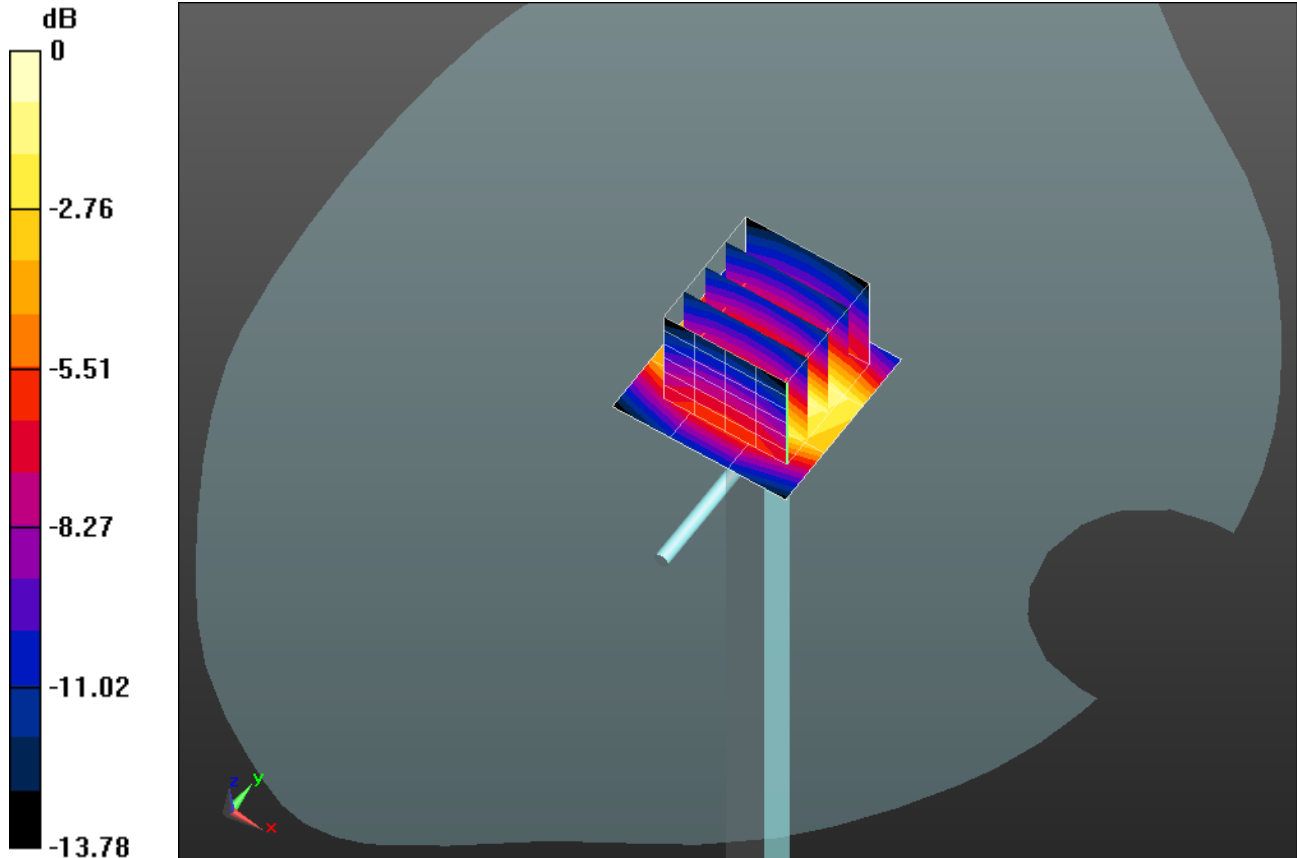
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)
2/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 174.2 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 59.693 mW/g

SAR(1 g) = 34.4 mW/g; SAR(10 g) = 18.4 mW/g

Maximum value of SAR (measured) = 43.3 mW/g



0 dB = 32.4 mW/g = 30.21 dB mW/g

Plot 327

Date/Time: 12/4/2013 11:07:49 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

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

Communication System: CW; Frequency: 1900 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6; Medium Temperature: 20.0C;

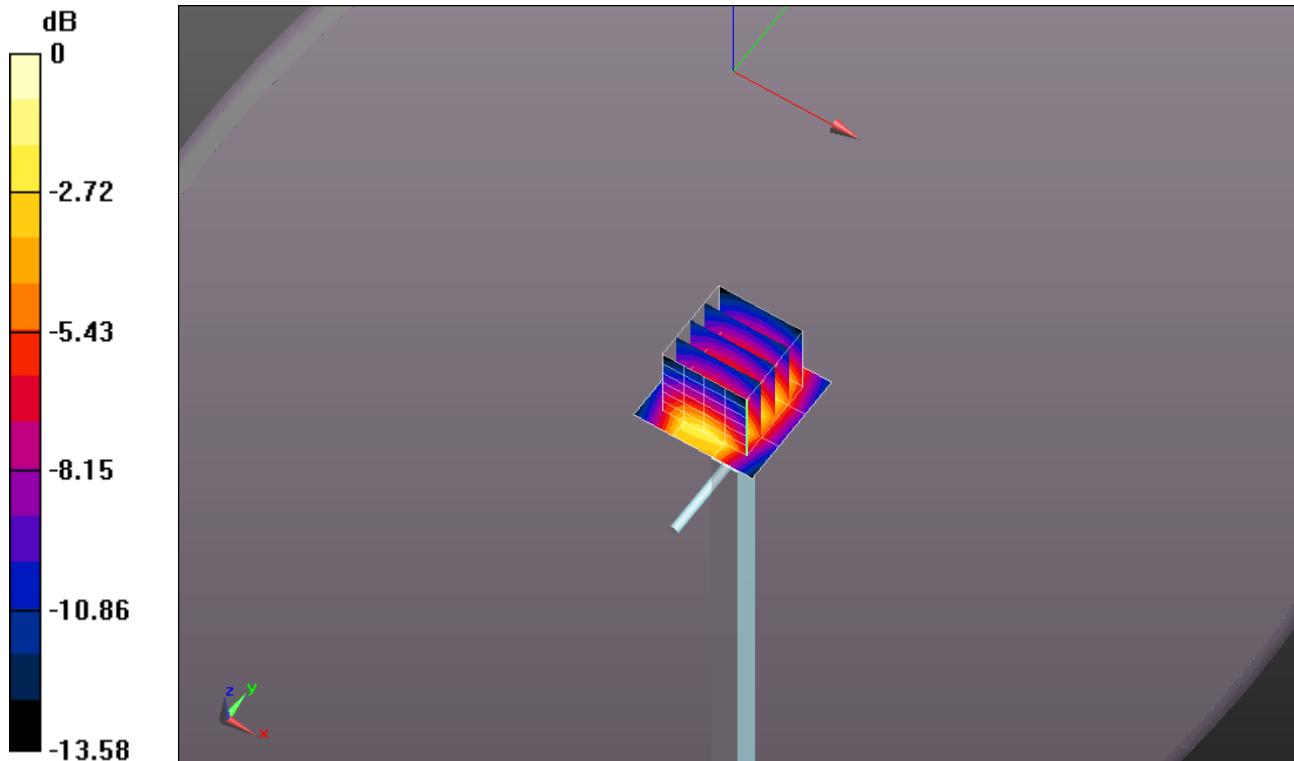
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

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

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 182.0 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 67.065 mW/g
SAR(1 g) = 37.8 mW/g; SAR(10 g) = 19.7 mW/g
Maximum value of SAR (measured) = 48.0 mW/g



0 dB = 31.8 mW/g = 30.05 dB mW/g

Plot 328

Date/Time: 12/10/2013 12:02:38 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d172_June 2013; Type: D1900V2; Serial: D1900V2 - SN:5d172

Communication System: CW; Frequency: 1900 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.563$ mho/m; $\epsilon_r = 51.23$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 20.4C; Medium Temperature: 21.6C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.1(838);

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

Maximum value of SAR (measured) = 33.4 mW/g

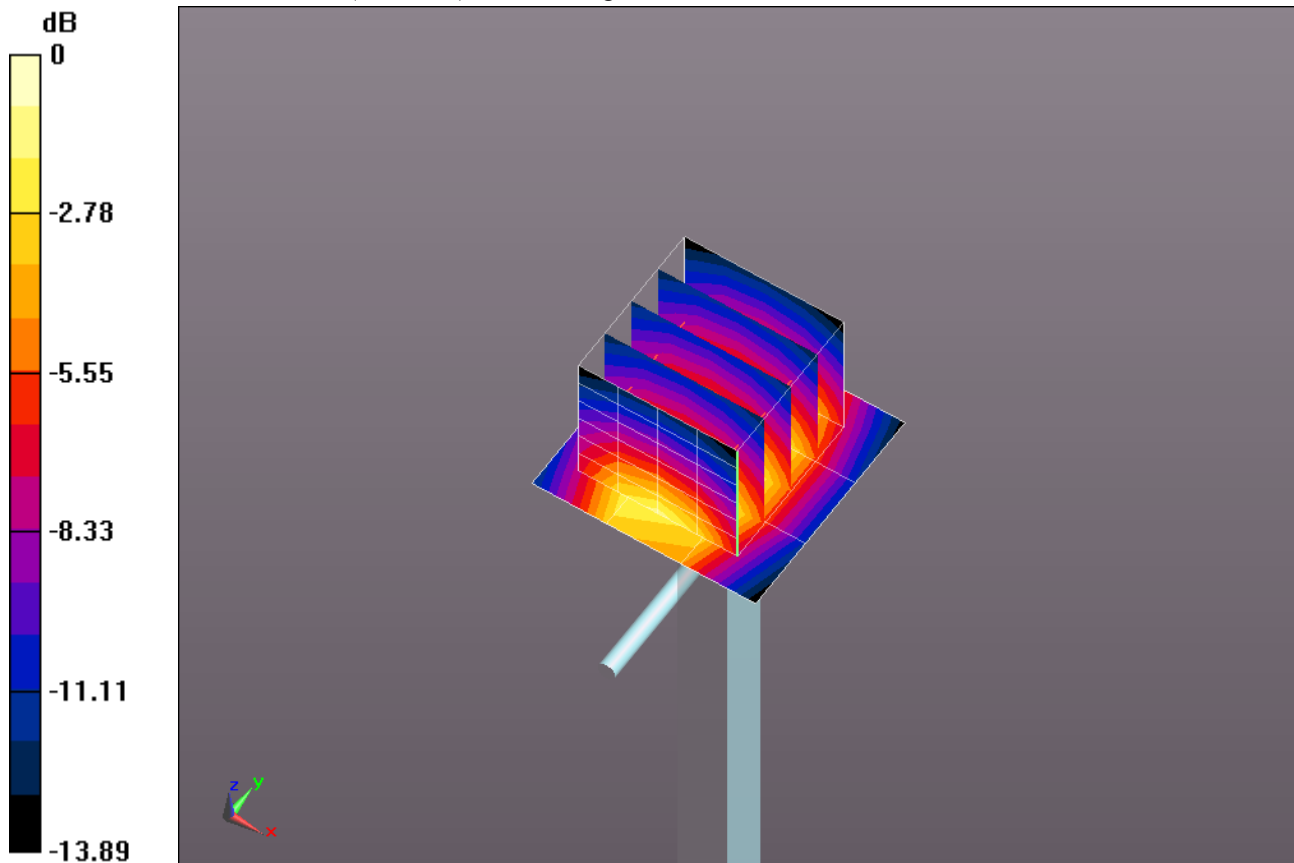
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 177.6 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 65.473 mW/g

SAR(1 g) = 37.1 mW/g; SAR(10 g) = 19.4 mW/g

Maximum value of SAR (measured) = 47.0 mW/g



0 dB = 33.4 mW/g = 30.48 dB mW/g

Plot 329

Date/Time: 1/23/2014 2:24:36 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d172_June 2013; Type: D1900V2; Serial: D1900V2 - SN:5d172

Communication System: CW; Frequency: 1900 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.533$ mho/m; $\epsilon_r = 50.857$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 24.4C; Medium Temperature: 21.9C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.85, 4.85, 4.85); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASYS2 52.8.1(838);

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

Maximum value of SAR (measured) = 31.9 mW/g

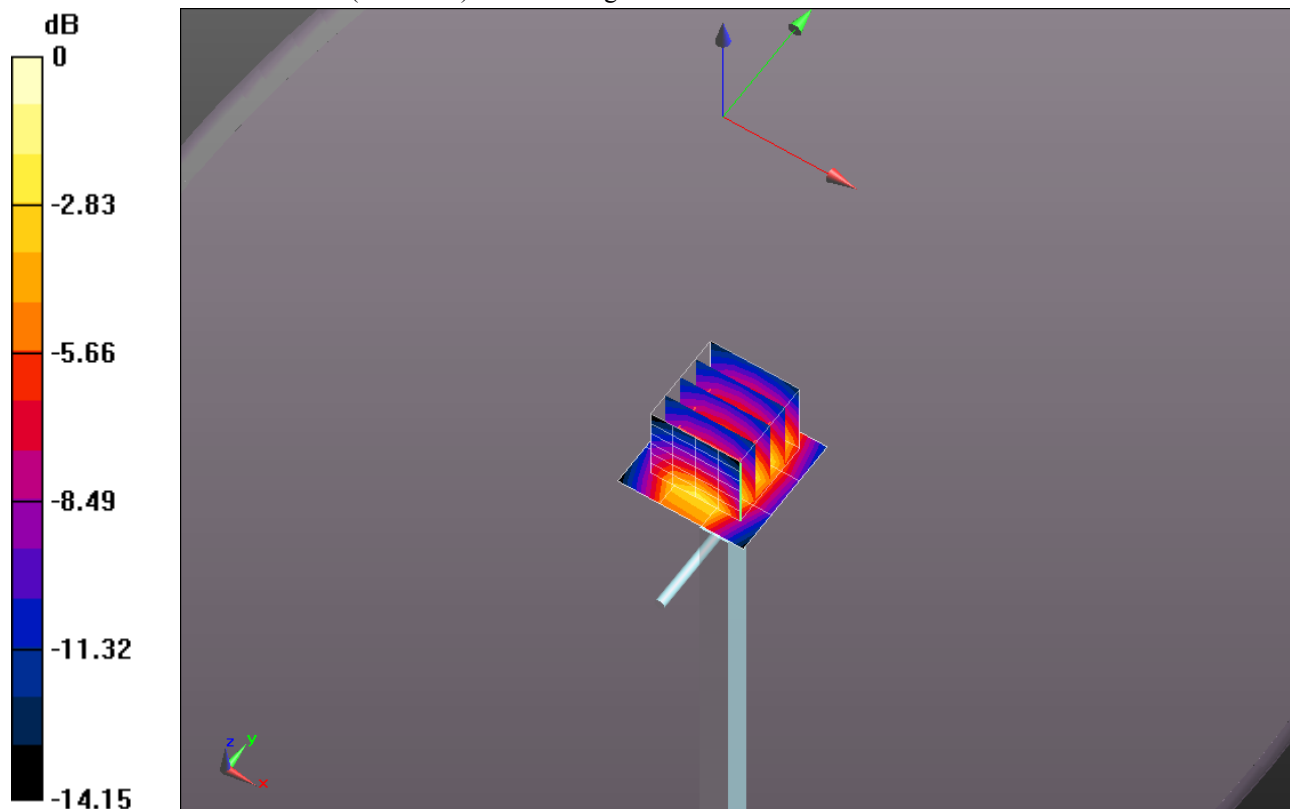
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)
2/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 179.7 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 64.696 mW/g

SAR(1 g) = 37 mW/g; SAR(10 g) = 19.5 mW/g

Maximum value of SAR (measured) = 46.6 mW/g



0 dB = 31.9 mW/g = 30.06 dB mW/g

Plot 330

Date/Time: 2/25/2014 7:53:58 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135_Nov 2012; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz

Medium: MSL1900_Batch 110530-3

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.232$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

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

Maximum value of SAR (measured) = 33.4 mW/g

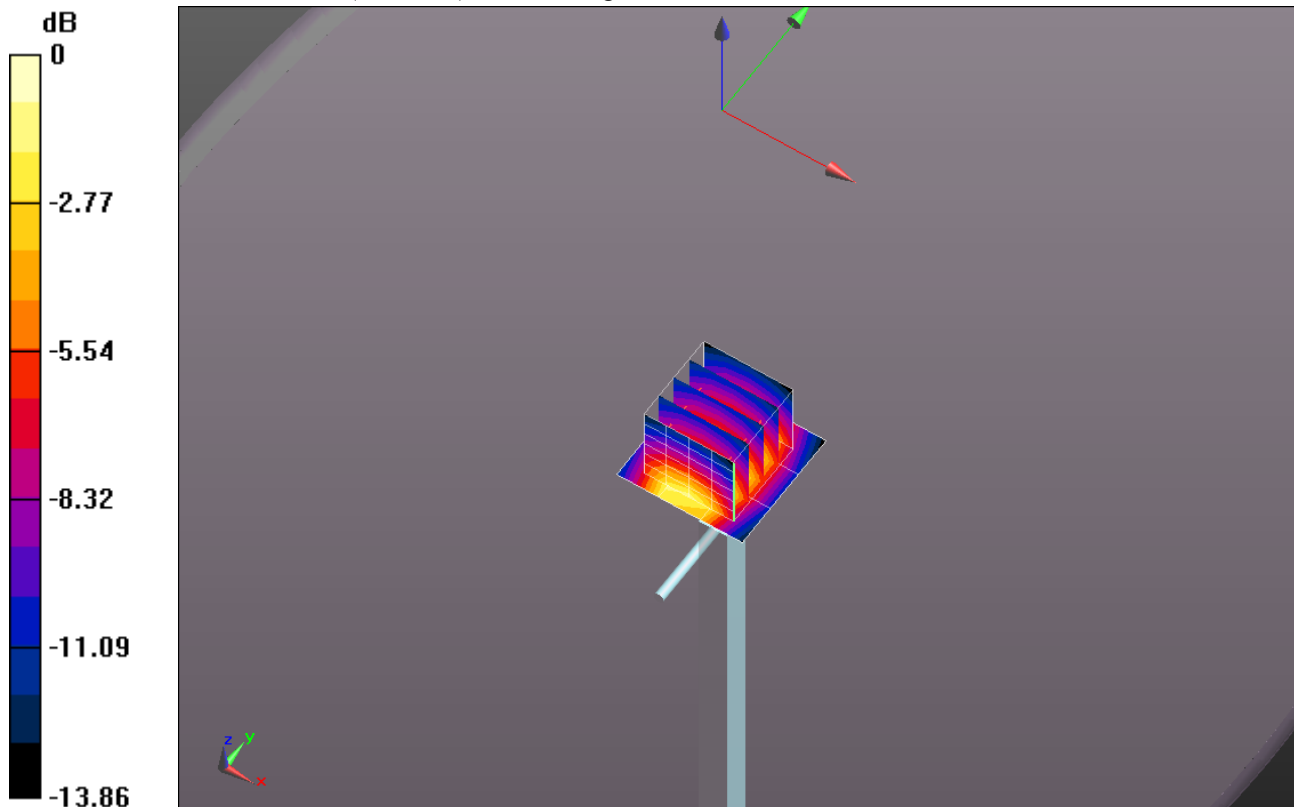
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 178.1 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 64.236 mW/g

SAR(1 g) = 36.7 mW/g; SAR(10 g) = 19.4 mW/g

Maximum value of SAR (measured) = 46.1 mW/g



0 dB = 33.4 mW/g = 30.48 dB mW/g

Plot 331

Date/Time: 4/28/2014 6:25:11 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d172_June 2013; Type: D1900V2; Serial: D1900V2 - SN:5d172

Communication System: CW; Frequency: 1900 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.503$ mho/m; $\epsilon_r = 51.129$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 23.2C; Medium Temperature: 21.6C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.69, 4.69, 4.69); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASYS2 52.8.1(838);

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

Maximum value of SAR (measured) = 34.1 mW/g

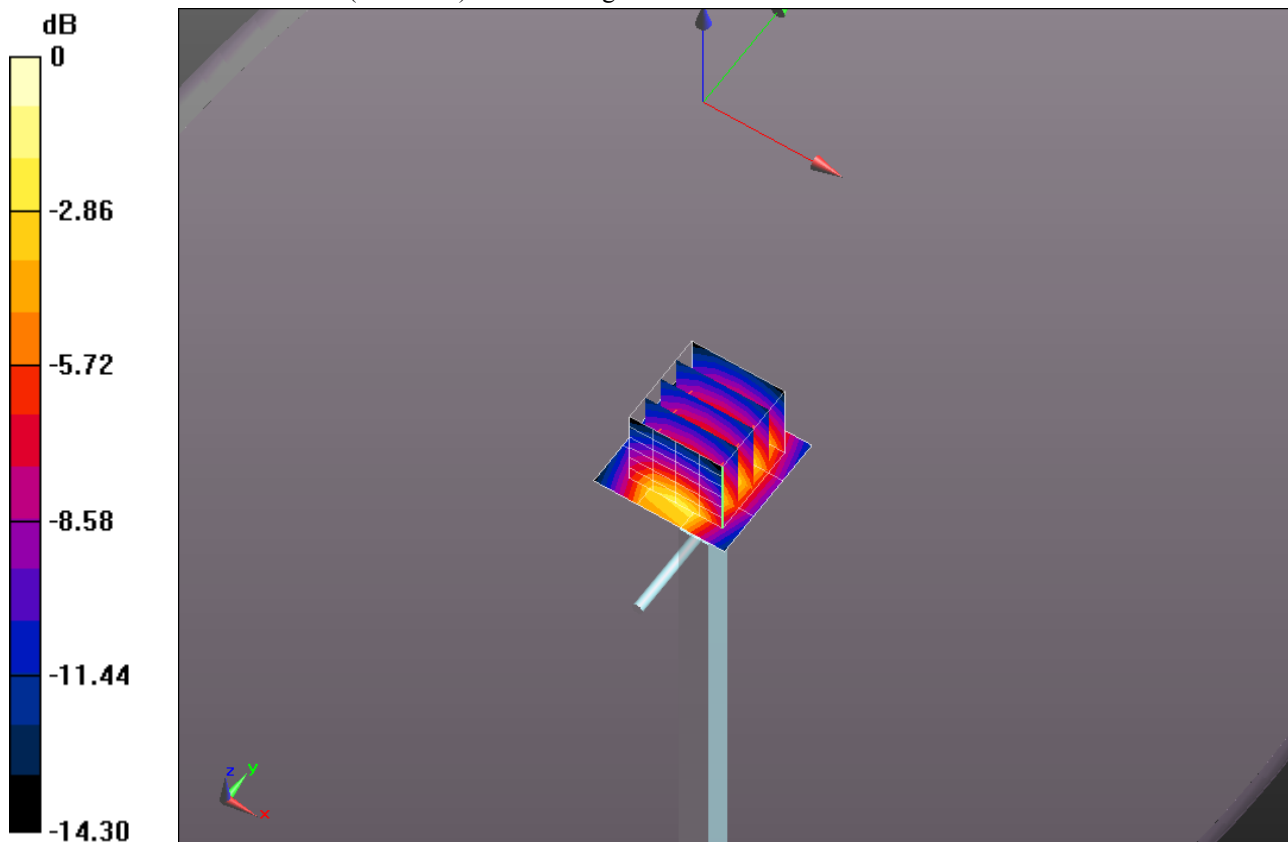
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 181.2 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 65.967 mW/g

SAR(1 g) = 37.4 mW/g; SAR(10 g) = 19.6 mW/g

Maximum value of SAR (measured) = 47.5 mW/g



0 dB = 34.1 mW/g = 30.65 dB mW/g

Plot 332

Date/Time: 12/17/2013 12:33:04 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 2450 MHz - D2450V2 - SN911_June 2013; Type: D2450V2; Serial: D2450V2 - SN:911

Communication System: CW; Frequency: 2450 MHz

Medium: MSL2450_Batch 110530-1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.934$ 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: Kathy; Air Temperature: 25.1C; Medium Temperature: 23.6C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 50.1 mW/g

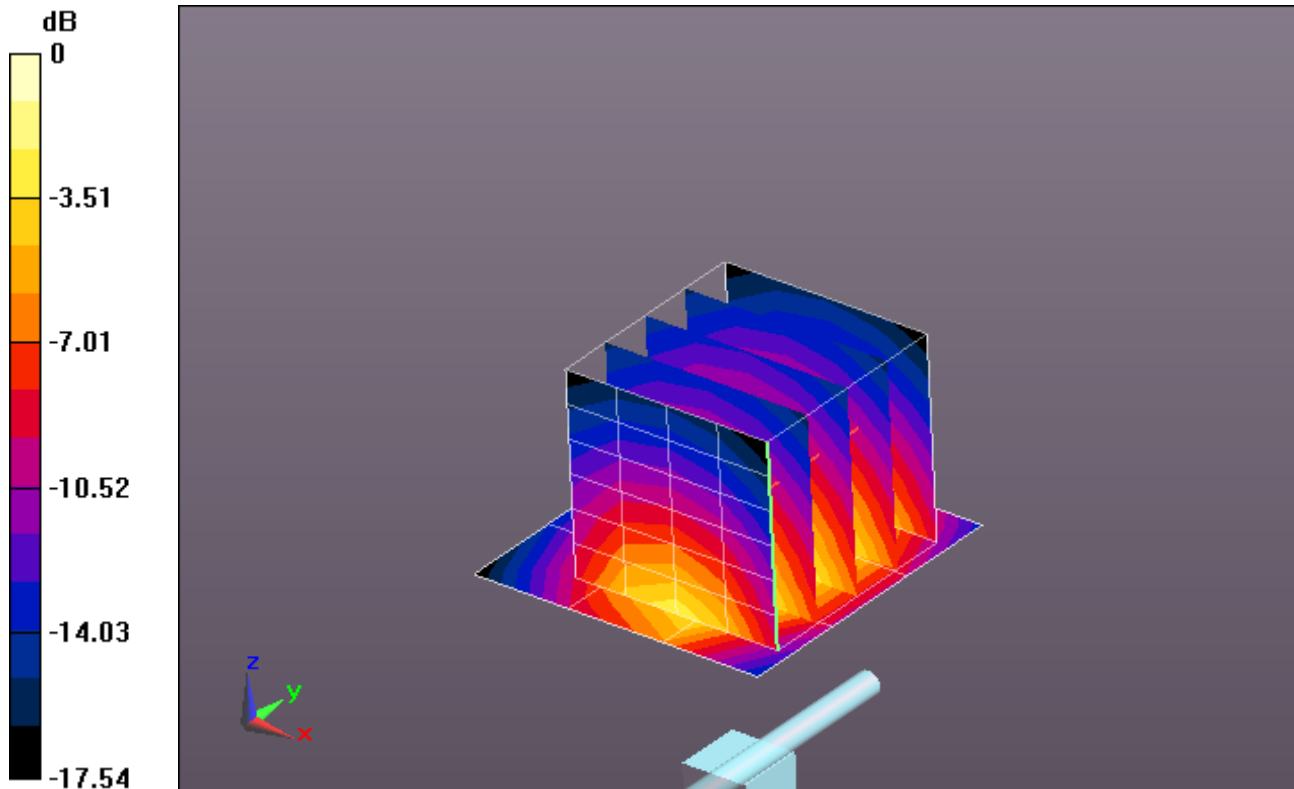
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 177.6 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 100.4 mW/g

SAR(1 g) = 49.5 mW/g; SAR(10 g) = 23.3 mW/g

Maximum value of SAR (measured) = 64.8 mW/g



0 dB = 50.1 mW/g = 34.00 dB mW/g

Plot 333

Date/Time: 4/3/2014 2:31:12 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 2450 MHz - D2450V2 - SN911_June 2013; Type: D2450V2; Serial: D2450V2 - SN:911

Communication System: CW; Frequency: 2450 MHz

Medium: MSL2450_Batch 100824-5

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.976$ mho/m; $\epsilon_r = 51.123$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 22.5C; Medium Temperature: 23.17C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 39.8 mW/g

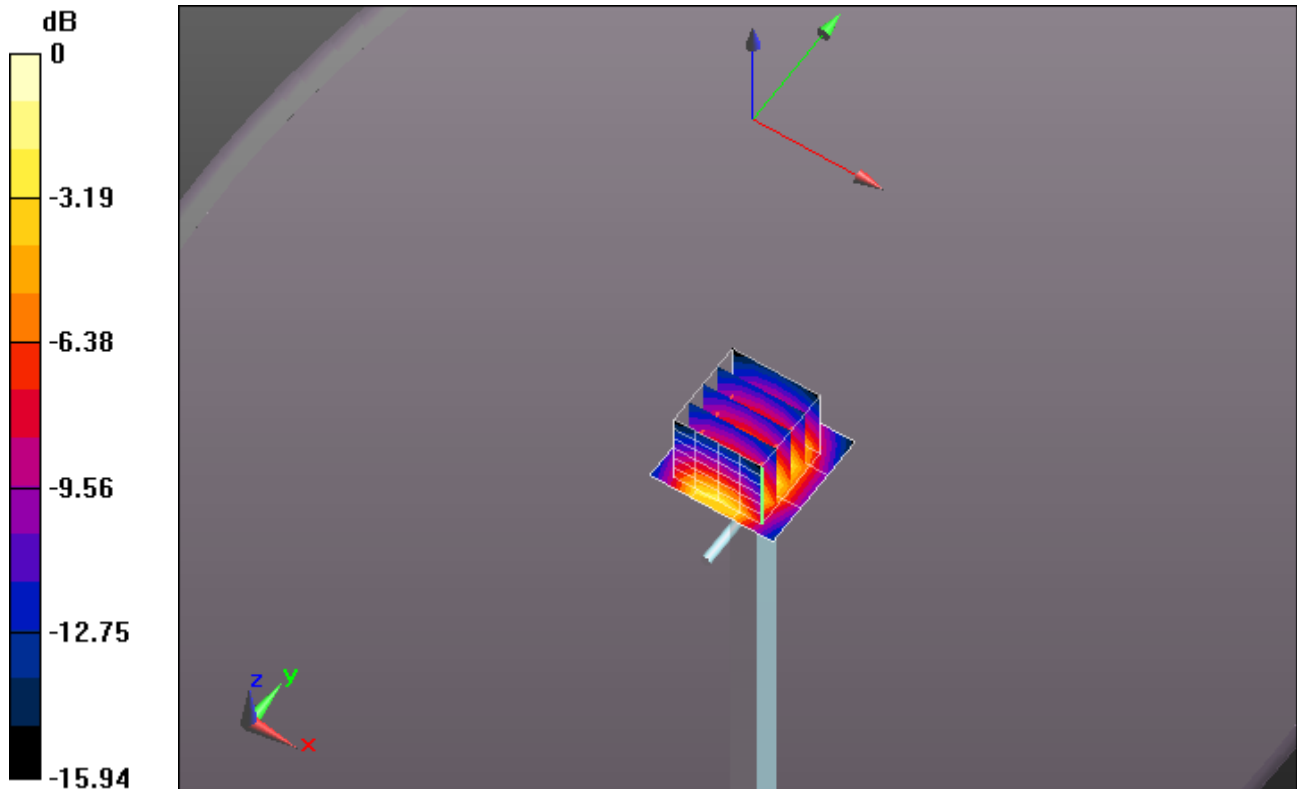
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 186.0 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 104.6 mW/g

SAR(1 g) = 49.8 mW/g; SAR(10 g) = 23.1 mW/g

Maximum value of SAR (measured) = 65.6 mW/g



0 dB = 39.8 mW/g = 32.00 dB mW/g

Plot 334

Date/Time: 4/7/2014 8:41:41 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 2450 MHz - D2450V2 - SN911_June 2013; Type: D2450V2; Serial: D2450V2 - SN:911

Communication System: CW; Frequency: 2450 MHz

Medium: MSL2450_Batch 100824-5

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.889$ mho/m; $\epsilon_r = 50.613$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.26, 4.26, 4.26); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 37.4 mW/g

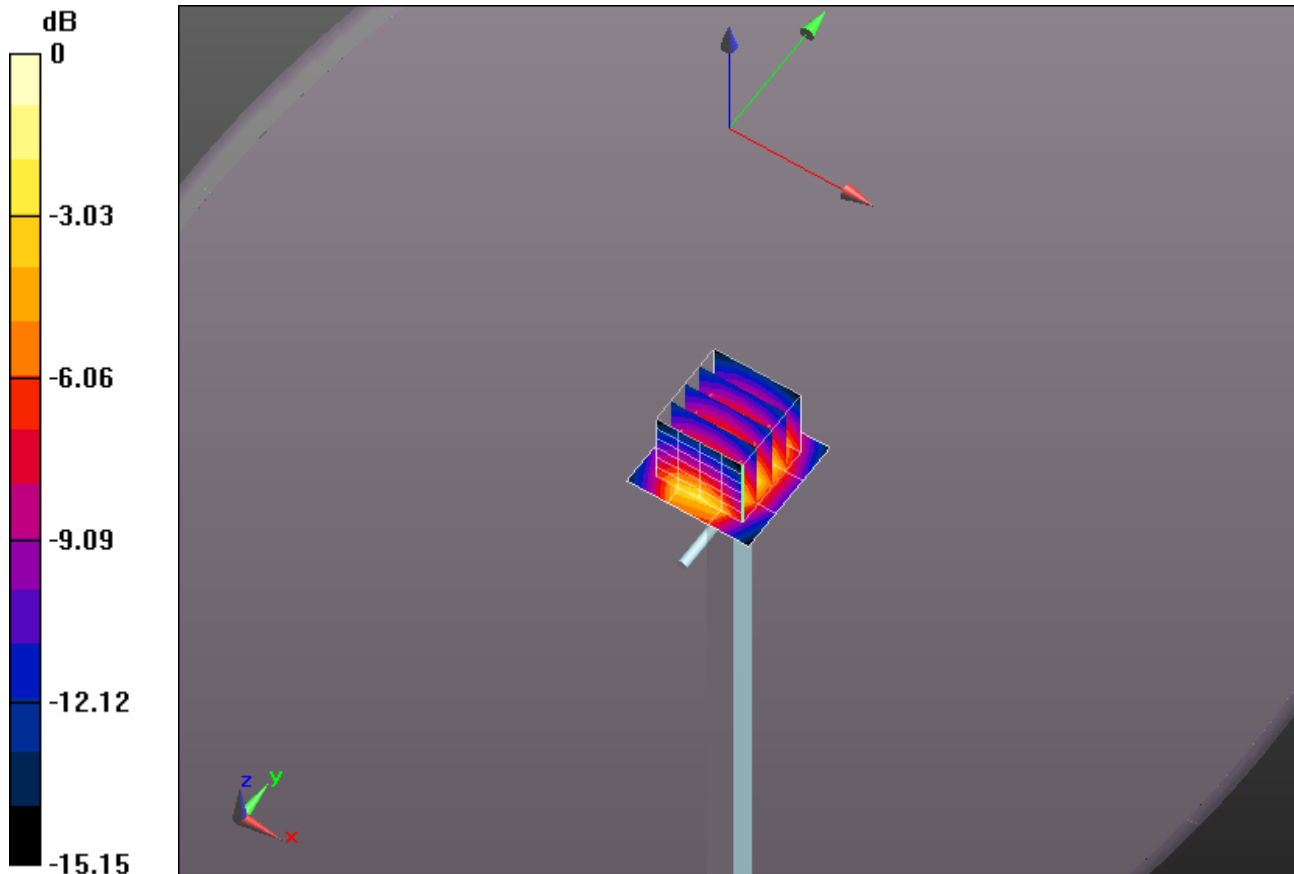
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 187.6 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 101.3 mW/g

SAR(1 g) = 48 mW/g; SAR(10 g) = 22.3 mW/g

Maximum value of SAR (measured) = 63.3 mW/g



0 dB = 37.4 mW/g = 31.45 dB mW/g

Plot 335

Date/Time: 2/6/2014 5:51:55 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 2550 MHz - D2550V2 - SN1009; Type: D2550V2; Serial: D2550V2 - SN:1009

Communication System: CW; Frequency: 2550 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2550$ MHz; $\sigma = 2.157$ mho/m; $\epsilon_r = 51.392$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.2C; Medium Temperature: 20.9C;

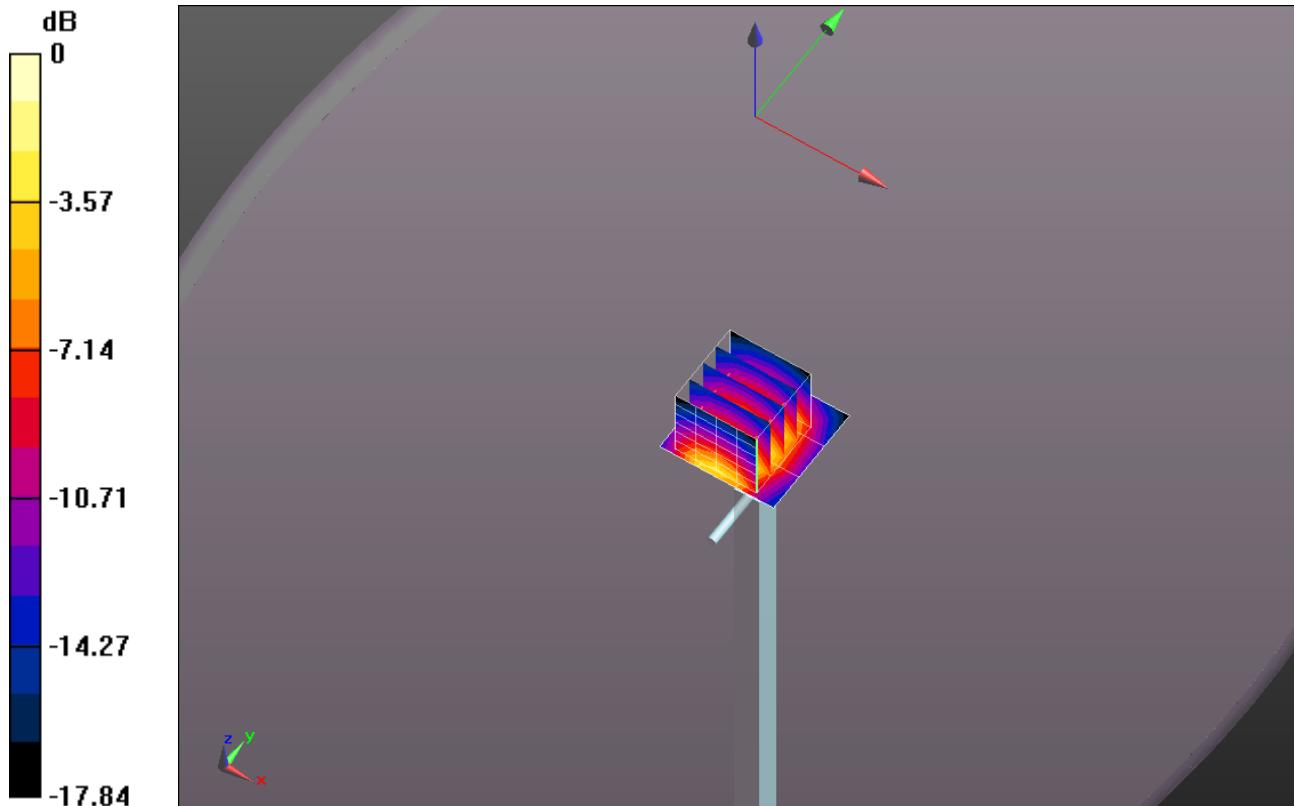
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.23, 4.23, 4.23); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 47.8 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 173.2 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 108.5 mW/g
SAR(1 g) = 49.7 mW/g; SAR(10 g) = 22.1 mW/g
Maximum value of SAR (measured) = 66.2 mW/g



0 dB = 47.8 mW/g = 33.59 dB mW/g

Plot 336

Date/Time: 4/22/2014 11:00:34 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 2550 MHz - D2550V2 - SN1009; Type: D2550V2; Serial: D2550V2 - SN:1009

Communication System: CW; Frequency: 2550 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2550$ MHz; $\sigma = 2.092$ mho/m; $\epsilon_r = 51.25$; $\rho = 1000$ 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: 23C; Comments:

;

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1233; Calibrated: 3/17/2014
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP:xxxx
- DASY52 52.8.1(838);

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

Maximum value of SAR (measured) = 54.3 mW/g

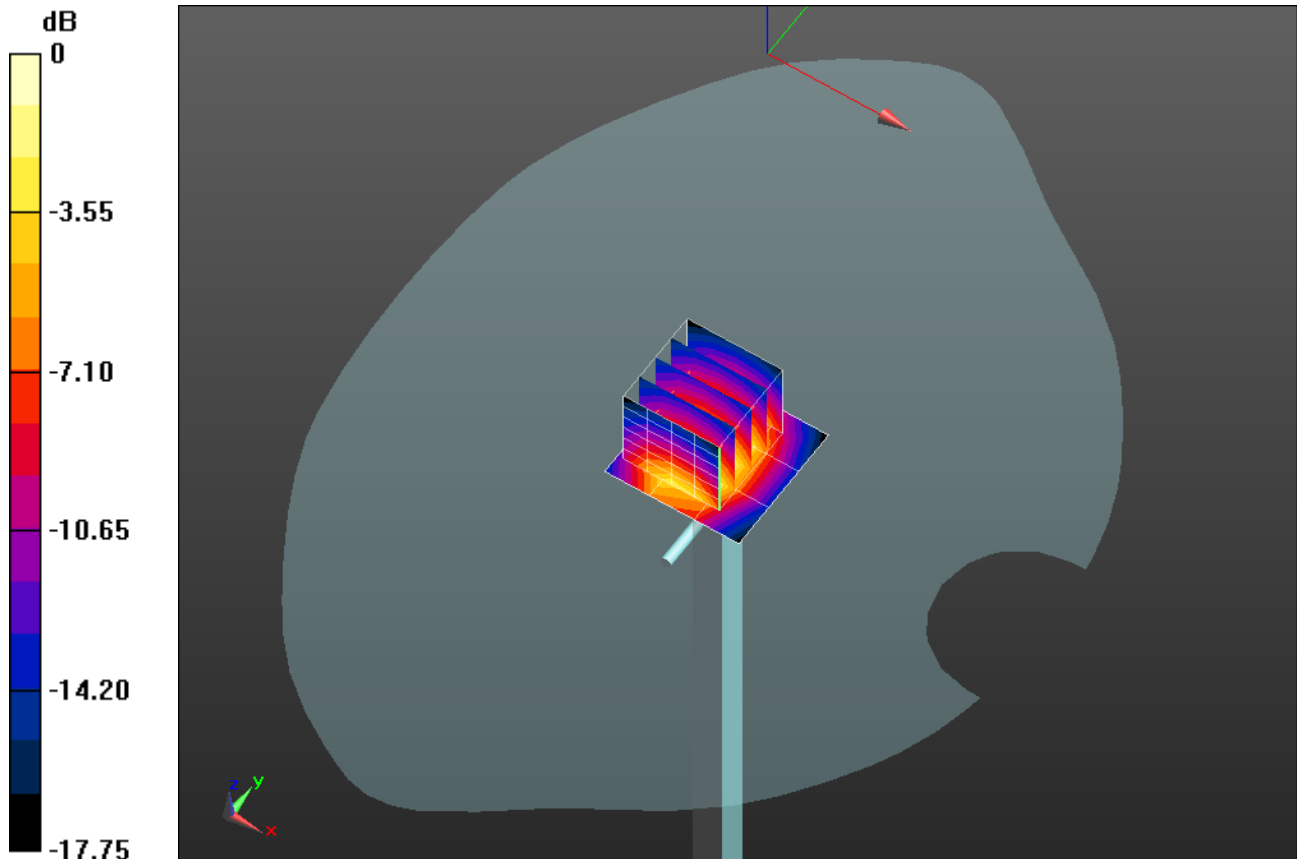
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 175.6 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 109.9 mW/g

SAR(1 g) = 52.3 mW/g; SAR(10 g) = 24.3 mW/g

Maximum value of SAR (measured) = 68.1 mW/g



0 dB = 54.3 mW/g = 34.69 dB mW/g

Plot 337

Date/Time: 2/5/2014 1:55:12 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.305$ mho/m; $\epsilon_r = 48.828$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 21.2; Medium Temperature: 20.43;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.59, 4.59, 4.59); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.0 mW/g

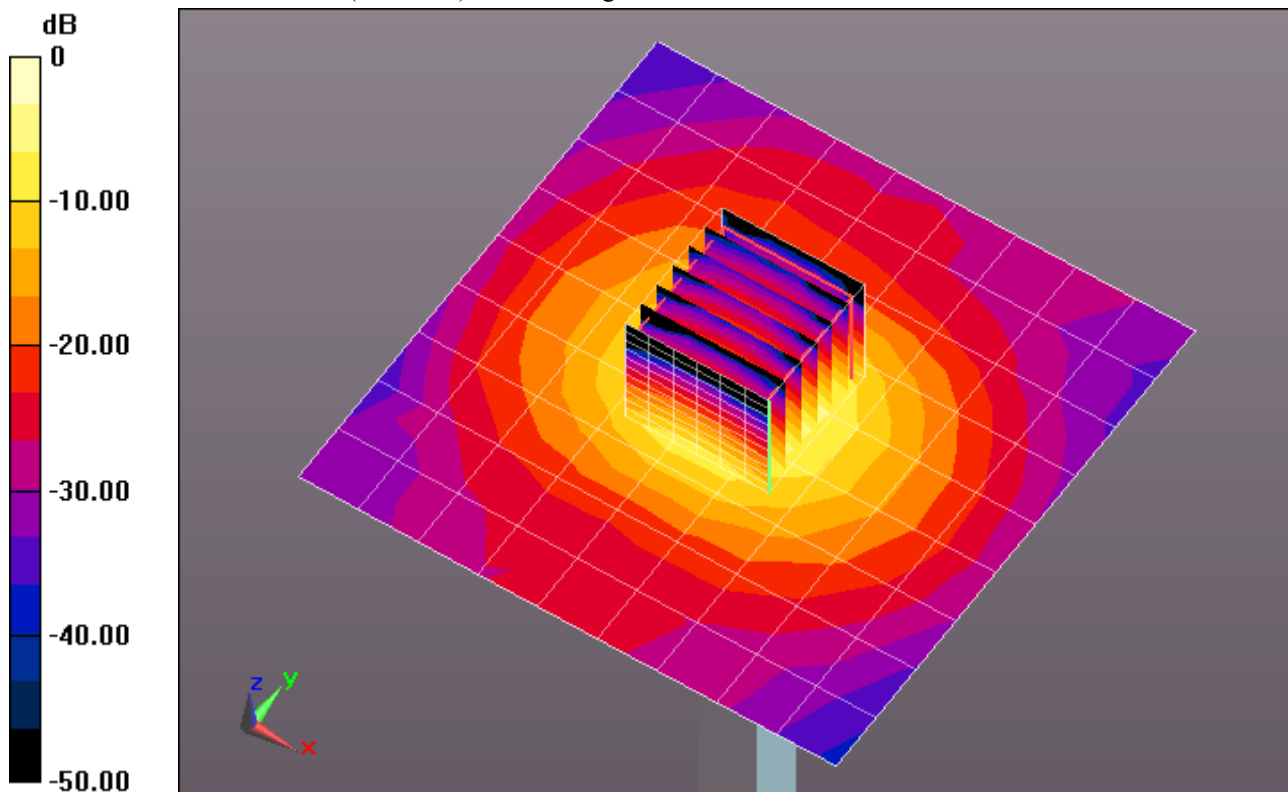
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 59.962 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 32.888 mW/g

SAR(1 g) = 7.98 mW/g; SAR(10 g) = 2.26 mW/g

Maximum value of SAR (measured) = 16.7 mW/g



0 dB = 16.7 mW/g = 24.45 dB mW/g

Plot 338

Date/Time: 2/6/2014 3:16:15 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.201$ mho/m; $\epsilon_r = 47.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 20.8C; Medium Temperature: 20.81C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.59, 4.59, 4.59); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.4 mW/g

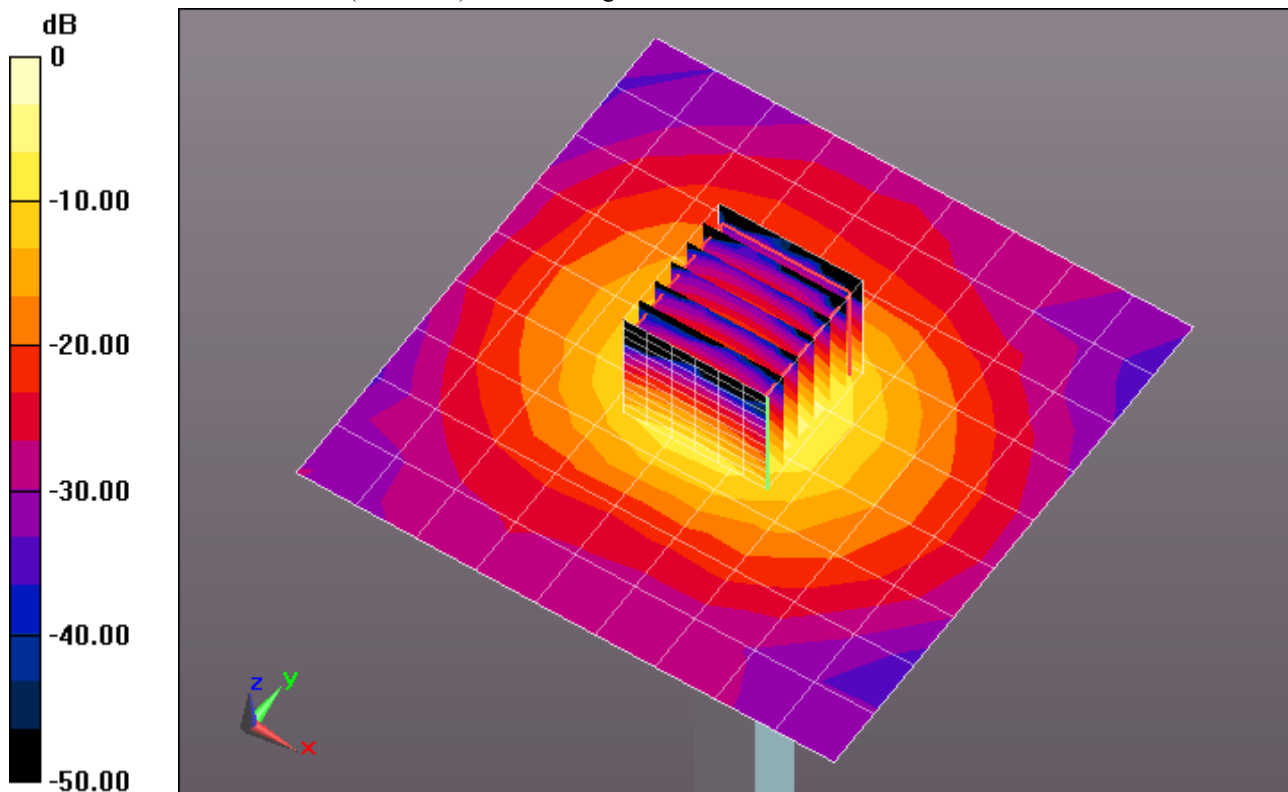
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 59.511 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 31.024 mW/g

SAR(1 g) = 7.64 mW/g; SAR(10 g) = 2.15 mW/g

Maximum value of SAR (measured) = 15.8 mW/g



0 dB = 15.8 mW/g = 23.97 dB mW/g

Plot 339

Date/Time: 2/20/2014 10:56:18 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.171$ mho/m; $\epsilon_r = 47.743$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 20.1; Medium Temperature: 21.05C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.59, 4.59, 4.59); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.80 mW/g

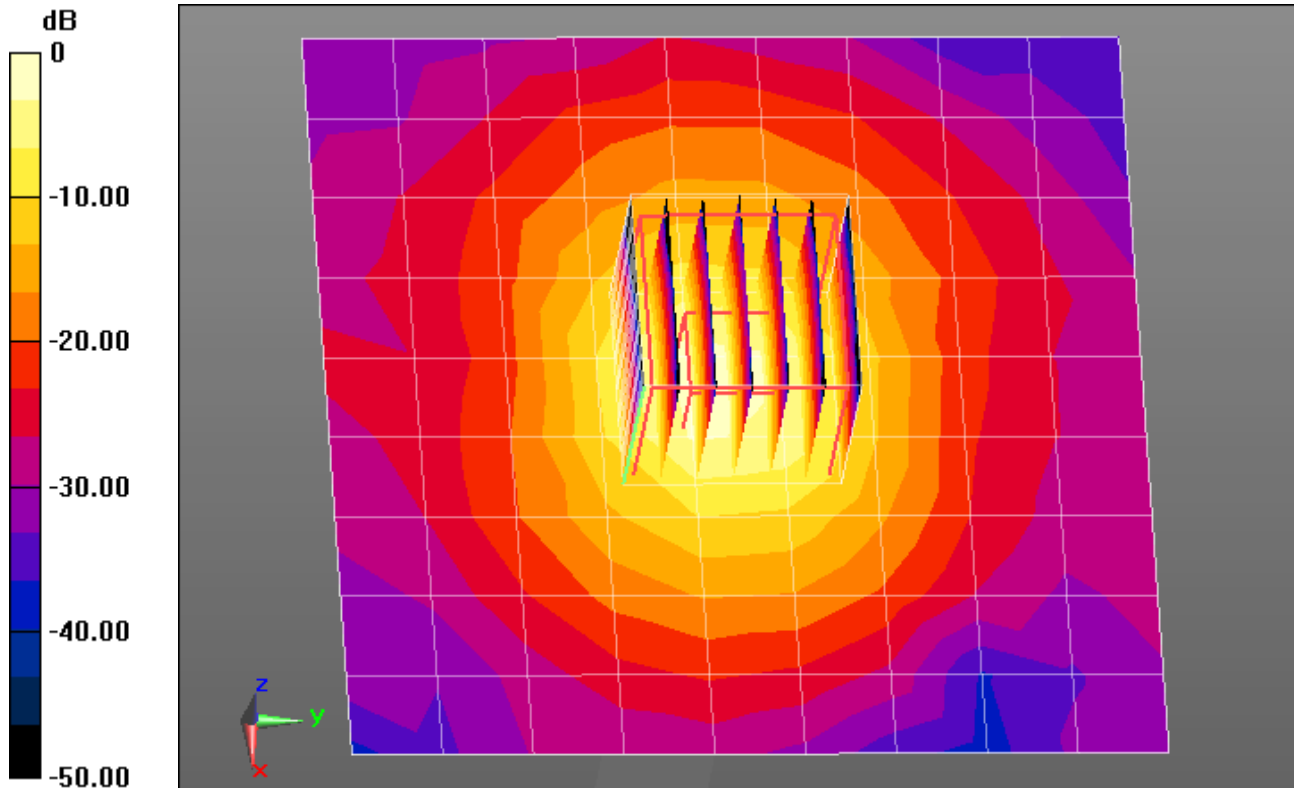
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 55.830 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 28.244 mW/g

SAR(1 g) = 6.88 mW/g; SAR(10 g) = 1.93 mW/g

Maximum value of SAR (measured) = 14.4 mW/g



0 dB = 14.4 mW/g = 23.17 dB mW/g

Plot 340

Date/Time: 4/30/2014 1:51:05 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.304$ mho/m; $\epsilon_r = 48.348$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY Configuration:

- Probe: EX3DV4 - SN3739; ConvF(4.55, 4.55, 4.55); Calibrated: 3/18/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1233; Calibrated: 3/17/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 12.6 mW/g

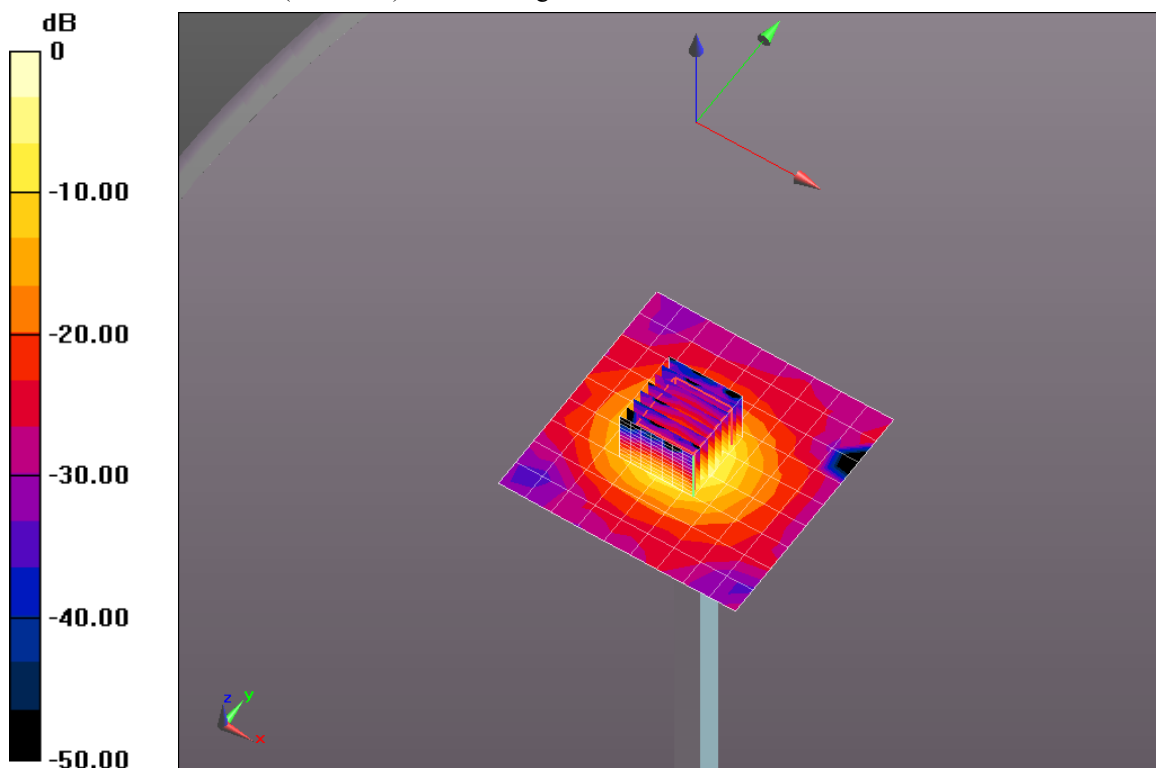
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 51.128 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 27.529 mW/g

SAR(1 g) = 6.78 mW/g; SAR(10 g) = 1.9 mW/g

Maximum value of SAR (measured) = 14.0 mW/g



0 dB = 14.0 mW/g = 22.92 dB mW/g

Plot 341

Date/Time: 2/6/2014 3:16:15 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.201$ mho/m; $\epsilon_r = 47.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 20.8C; Medium Temperature: 20.81C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.59, 4.59, 4.59); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.4 mW/g

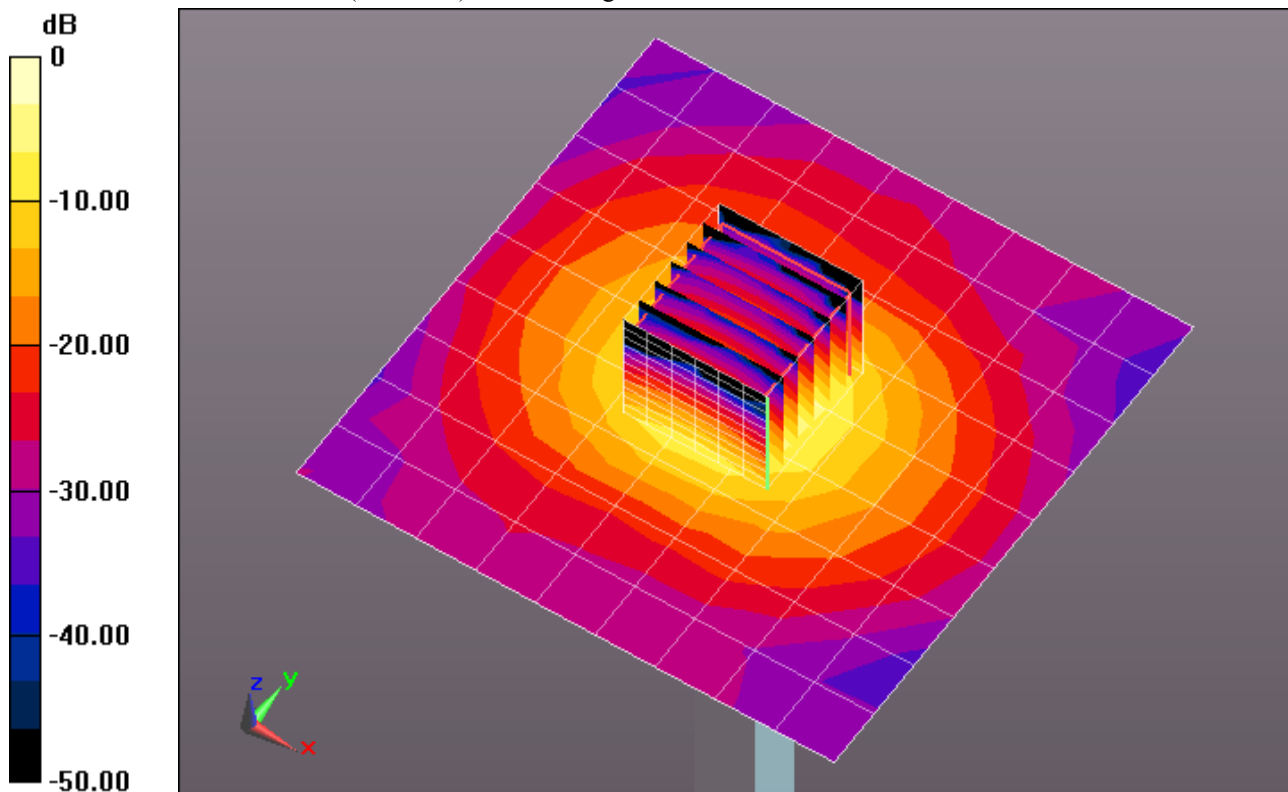
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 59.511 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 31.024 mW/g

SAR(1 g) = 7.64 mW/g; SAR(10 g) = 2.15 mW/g

Maximum value of SAR (measured) = 15.8 mW/g



0 dB = 15.8 mW/g = 23.97 dB mW/g

Plot 342

Date/Time: 4/30/2014 3:26:58 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW; Frequency: 5500 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.702$ mho/m; $\epsilon_r = 47.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.2C; Medium Temperature: 22.4C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3739; ConvF(4, 4, 4); Calibrated: 3/18/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1233; Calibrated: 3/17/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5500 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.1 mW/g

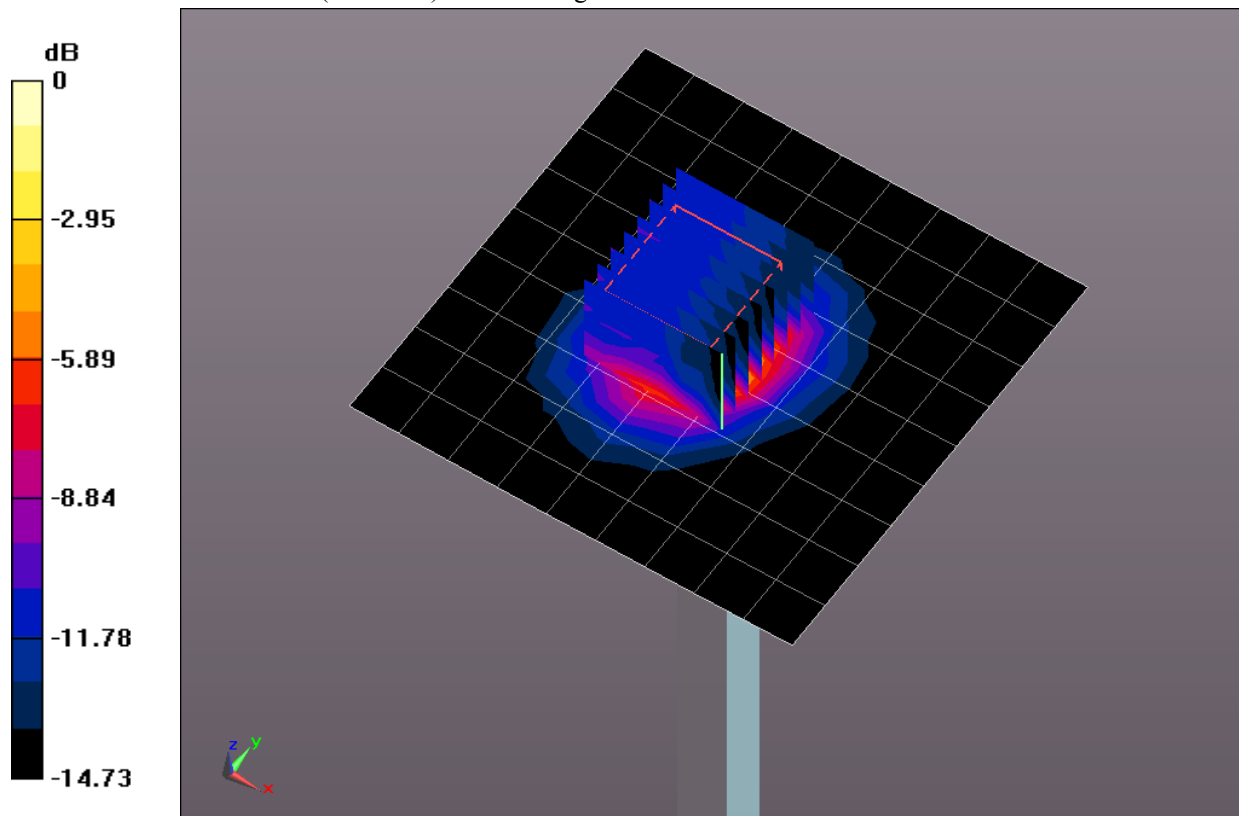
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5500 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 50.433 V/m; Power Drift = 0.36 dB

Peak SAR (extrapolated) = 26.427 mW/g

SAR(1 g) = 7.28 mW/g; SAR(10 g) = 2.7 mW/g

Maximum value of SAR (measured) = 14.2 mW/g



0 dB = 14.2 mW/g = 23.05 dB mW/g

Plot 343

Date/Time: 2/13/2014 11:10:05 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5800 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.242$ mho/m; $\epsilon_r = 47.066$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 21.7C; Medium Temperature: 20.6C;

Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.27, 4.27, 4.27); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.1(838);

Configuration/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (10x10x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 12.1 mW/g

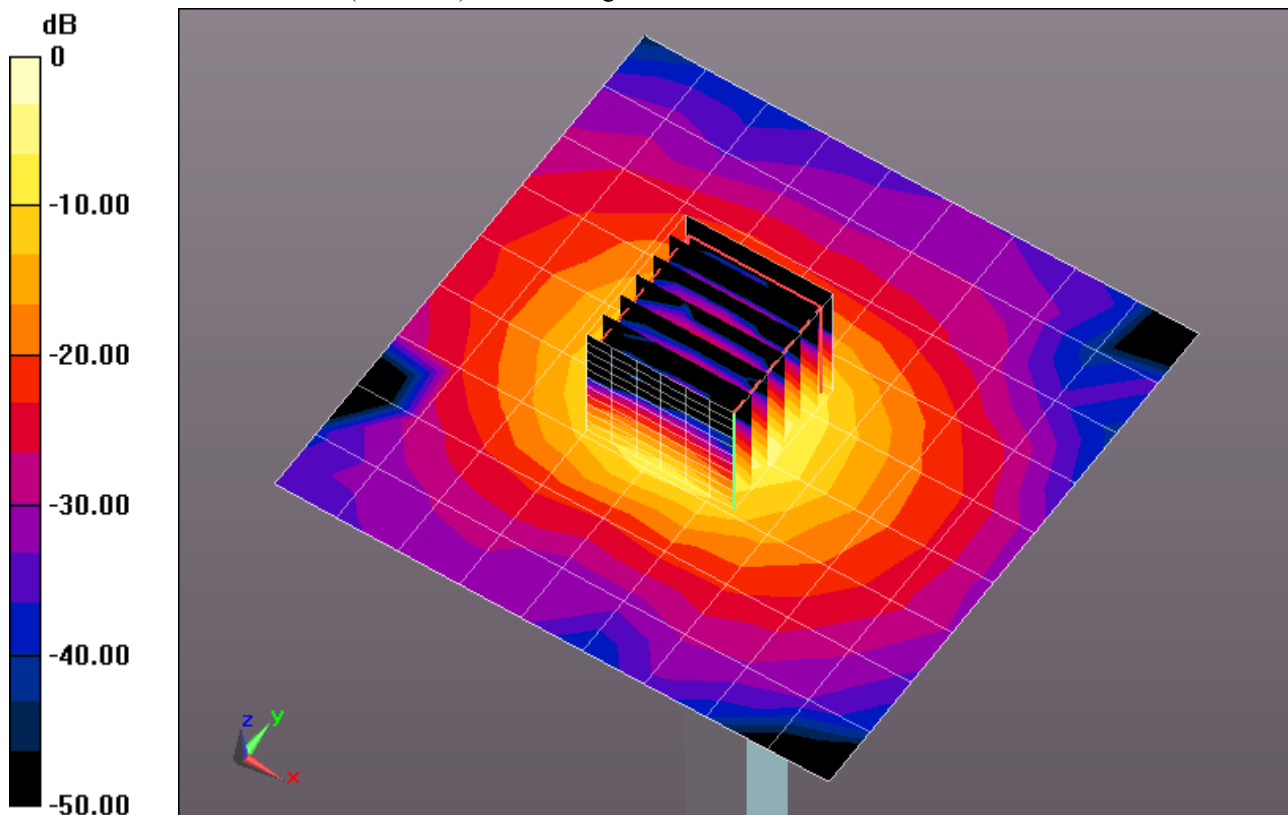
Configuration/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x2.5mm), dist=2mm
(7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 48.331 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 30.021 mW/g

SAR(1 g) = 6.76 mW/g; SAR(10 g) = 1.87 mW/g

Maximum value of SAR (measured) = 14.6 mW/g



0 dB = 14.6 mW/g = 23.29 dB mW/g

Plot 344

Date/Time: 2/14/2014 10:50:45 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5800 MHz

Medium: MSL 501_Batch 100823-1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.184$ mho/m; $\epsilon_r = 48.034$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 21.2; Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.27, 4.27, 4.27); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 22.0$
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASYS2 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 113 mW/g

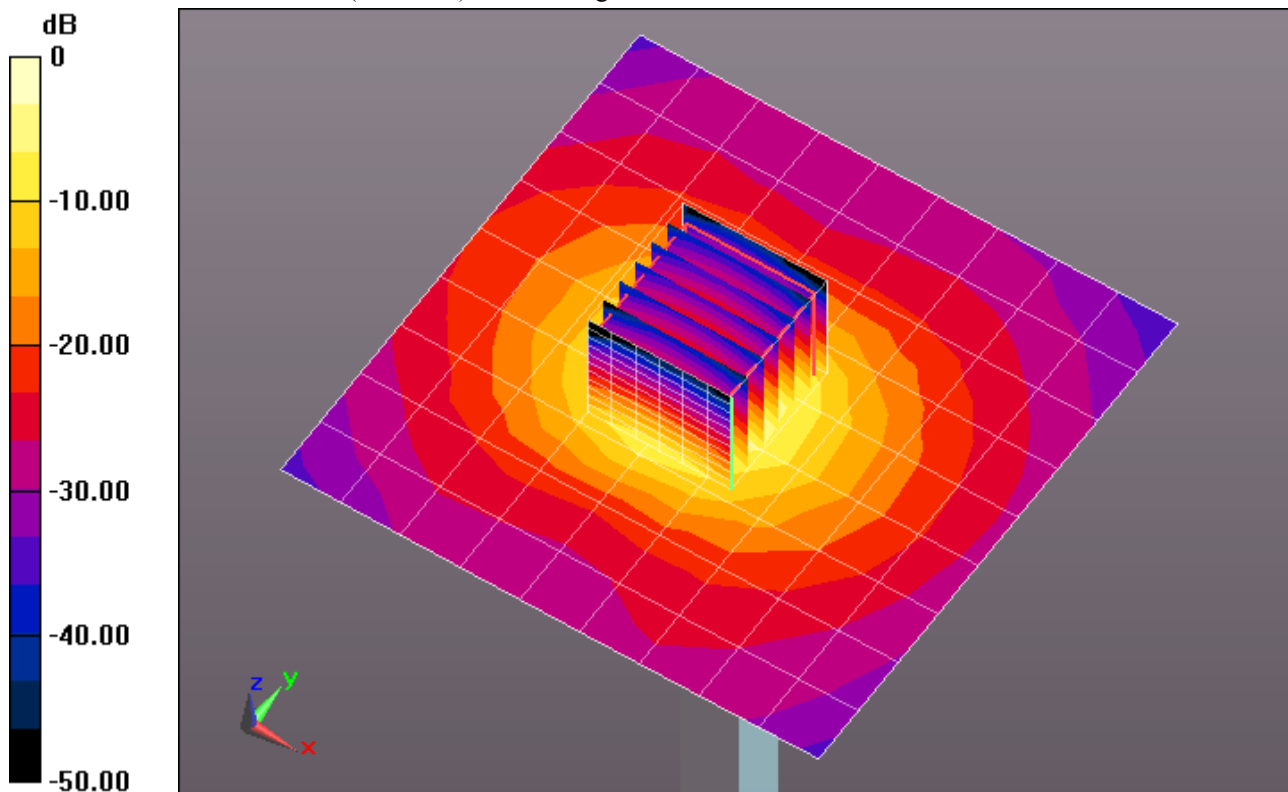
System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 154.8 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 295.0 mW/g

SAR(1 g) = 67.1 mW/g; SAR(10 g) = 18.7 mW/g

Maximum value of SAR (measured) = 145 mW/g



0 dB = 145 mW/g = 43.23 dB mW/g