

Plot 1

Date/Time: 10/15/2014 9:17:08 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Embedded Wireless_Pendant; Type: Medical device; Serial: 35370304.018704.108

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 836.6 MHz

Medium: MSL900_Batch 100818-1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.009$ mho/m; $\epsilon_r = 54.386$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 22C; Medium Temperature: 21.7C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.15, 6.15, 6.15); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASYS2 52.8.1(838);

Flat-Section/Back 10mm_836.6MHz/Area Scan (8x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

Maximum value of SAR (measured) = 0.330 mW/g

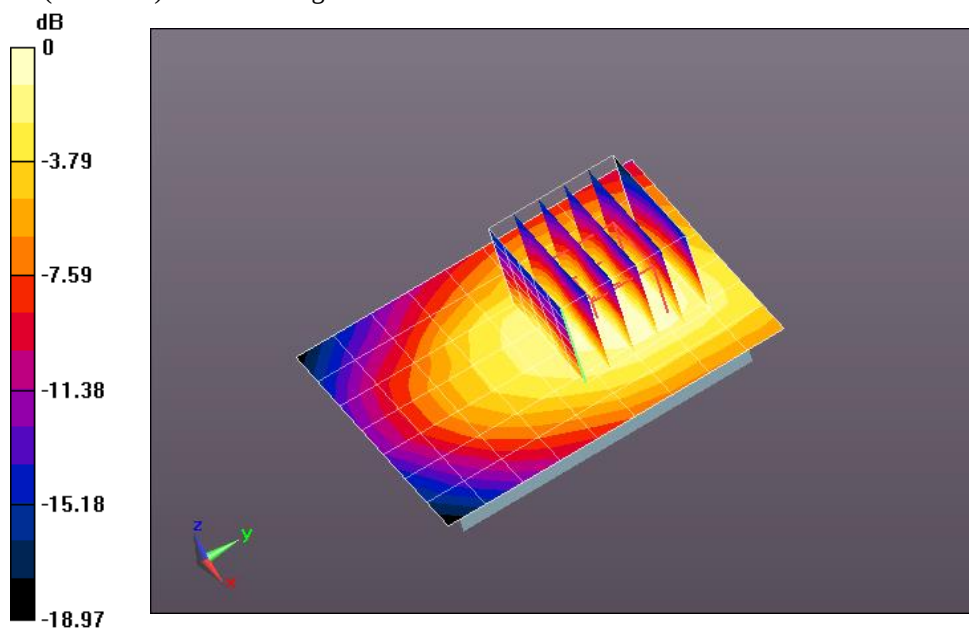
Flat-Section/Back 10mm_836.6MHz/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.371 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.395 mW/g

SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.214 mW/g
[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.330 mW/g = -9.63 dB mW/g

Plot 2

Date/Time: 10/15/2014 4:25:13 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Embedded Wireless_Pendant; Type: Medical device; Serial: 35370304.018704.108

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r = 51.762$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.66, 4.66, 4.66); 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; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat-Section_SAR1_10-15-14/Back 10mm_2TS_1880MHz/Area Scan (8x11x1): Measurement grid:

 $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.39 mW/g

Flat-Section_SAR1_10-15-14/Back 10mm_2TS_1880MHz/Zoom Scan (5x5x7)/Cube 0:

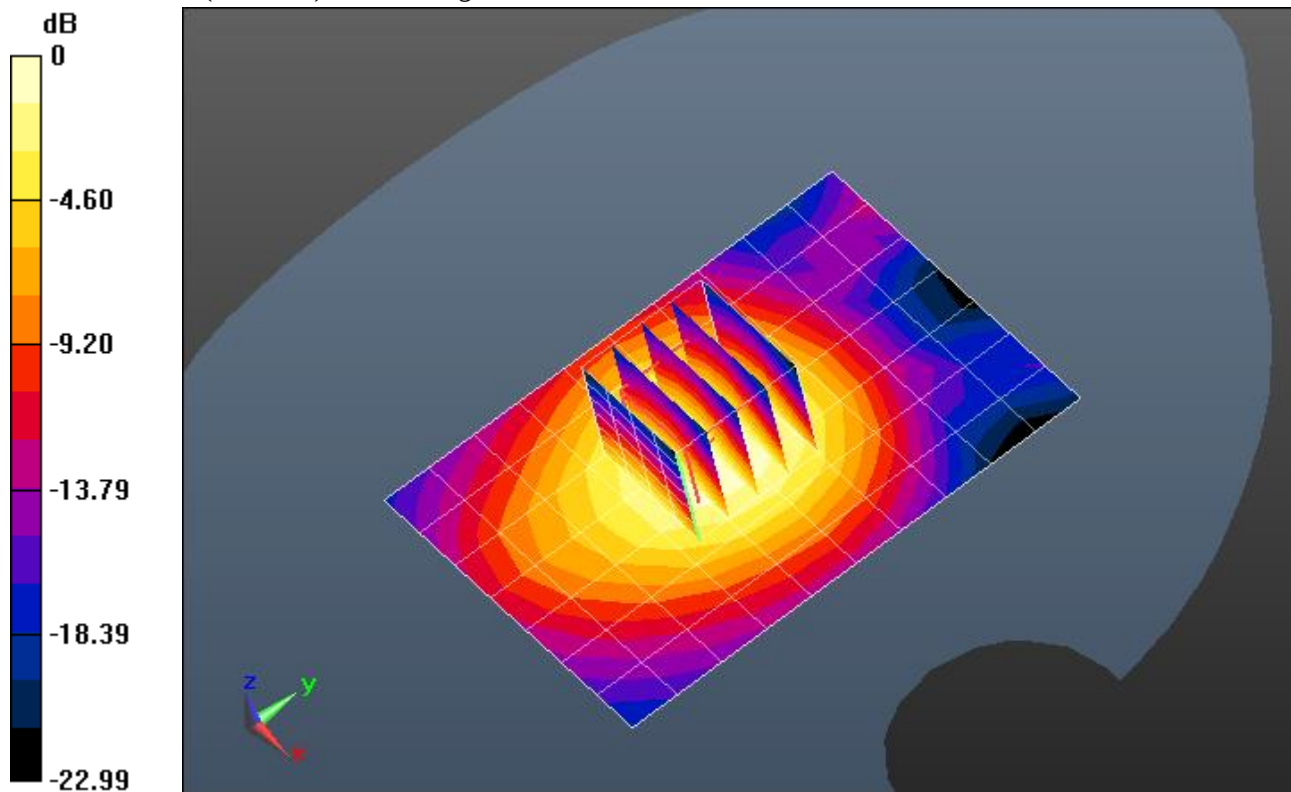
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 34.939 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.185 mW/g

SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.899 mW/g

Maximum value of SAR (measured) = 1.70 mW/g



0 dB = 1.39 mW/g = 2.88 dB mW/g

Plot 3

Date/Time: 10/15/2014 4:42:25 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Embedded Wireless_Pendant; Type: Medical device; Serial: 35370304.018704.108

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 1850.2 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 51.881$; $\rho = 1000$ 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: 21.9C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.66, 4.66, 4.66); 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; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

Flat-Section_SAR1_10-15-14/Back 10mm_2TS_1850.2_WC/Area Scan (8x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.56 mW/g

Flat-Section_SAR1_10-15-14/Back 10mm_2TS_1850.2_WC/Zoom Scan (5x5x7)/Cube 0:

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

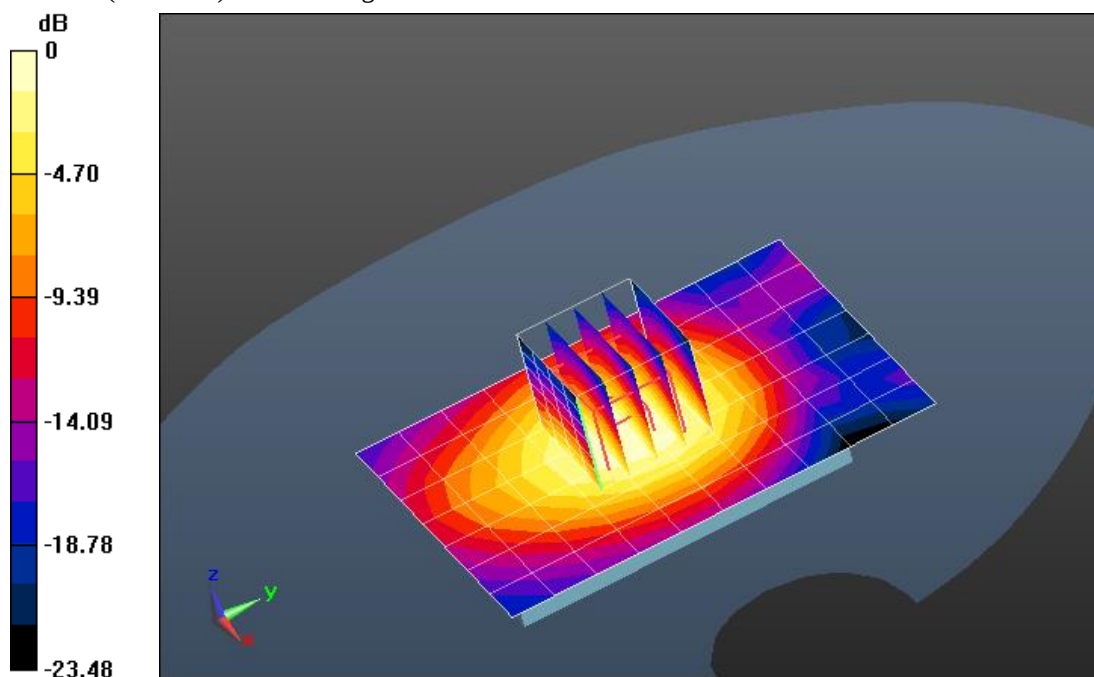
Reference Value = 34.710 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.032 mW/g

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.885 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.63 mW/g



0 dB = 1.56 mW/g = 3.89 dB mW/g

Plot 4

Date/Time: 10/15/2014 4:55:33 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Embedded Wireless_Pendant; Type: Medical device; Serial: 35370304.018704.108

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 1909.8 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.553$ mho/m; $\epsilon_r = 51.661$; $\rho = 1000$ 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: 21.9C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.66, 4.66, 4.66); 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; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

Flat-Section_SAR1_10-15-14/Back 10mm_2TS_1909.8_WC/Area Scan (8x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.56 mW/g

Flat-Section_SAR1_10-15-14/Back 10mm_2TS_1909.8_WC/Zoom Scan (5x5x7)/Cube 0:

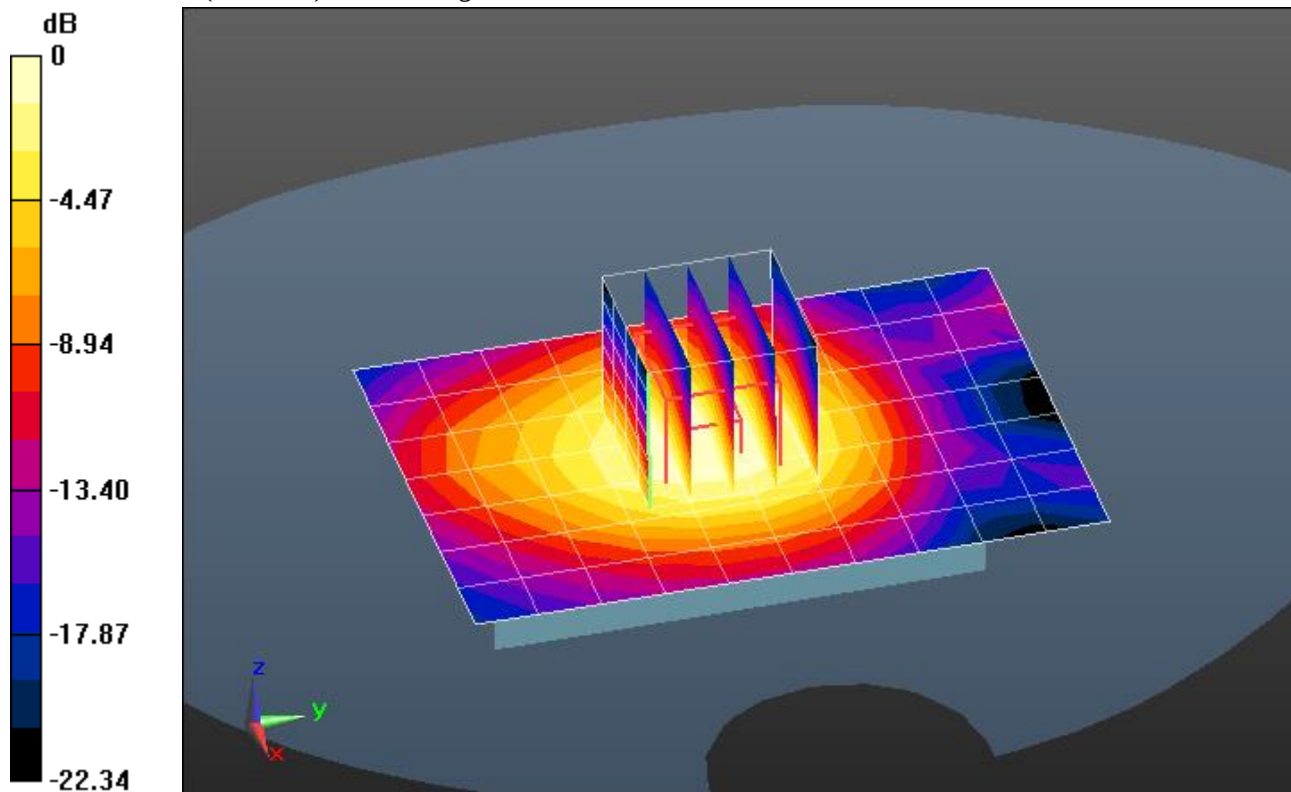
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.623 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.938 mW/g

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.823 mW/g

Maximum value of SAR (measured) = 1.53 mW/g



0 dB = 1.56 mW/g = 3.87 dB mW/g

Plot 5

Date/Time: 10/17/2014 2:46:26 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Embedded Wireless_Pendant; Type: Medical device; Serial: 35370304.018704.108

Communication System: UID 0, EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) (0); Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.523$ S/m; $\epsilon_r = 51.355$; $\rho = 1000$ 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: 21.8C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.66, 4.66, 4.66); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.8(1222);

Flat-Section_SAR1_10-16-14/Back 10mm_4TS_1880_EGPRS/Area Scan (8x11x1): Measurement

grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.868 W/kg

Flat-Section_SAR1_10-16-14/Back 10mm_4TS_1880_EGPRS/Zoom Scan (5x5x7)/Cube 0:

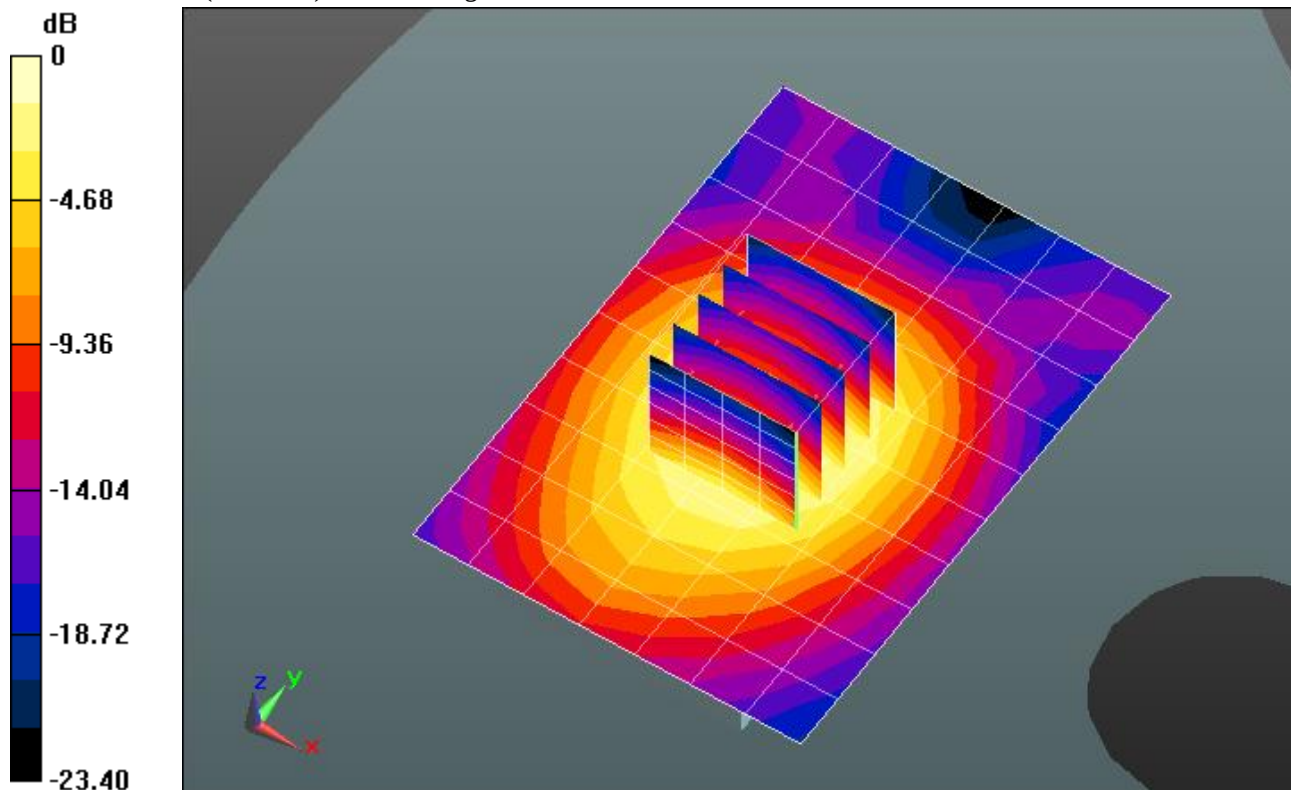
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.83 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.449 W/kg

Maximum value of SAR (measured) = 0.833 W/kg



Plot 6

Date/Time: 10/15/2014 5:25:00 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Embedded Wireless_Pendant; Type: Medical device; Serial: 35370304.018704.108

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

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r = 51.762$; $\rho = 1000$ 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: 21.8C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.66, 4.66, 4.66); 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; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat-Section_SAR1_10-15-14/Back 10mm_1TS_1880_/Area Scan (8x11x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.744 mW/g

Flat-Section_SAR1_10-15-14/Back 10mm_1TS_1880_/Zoom Scan (5x5x7)/Cube 0: Measurement

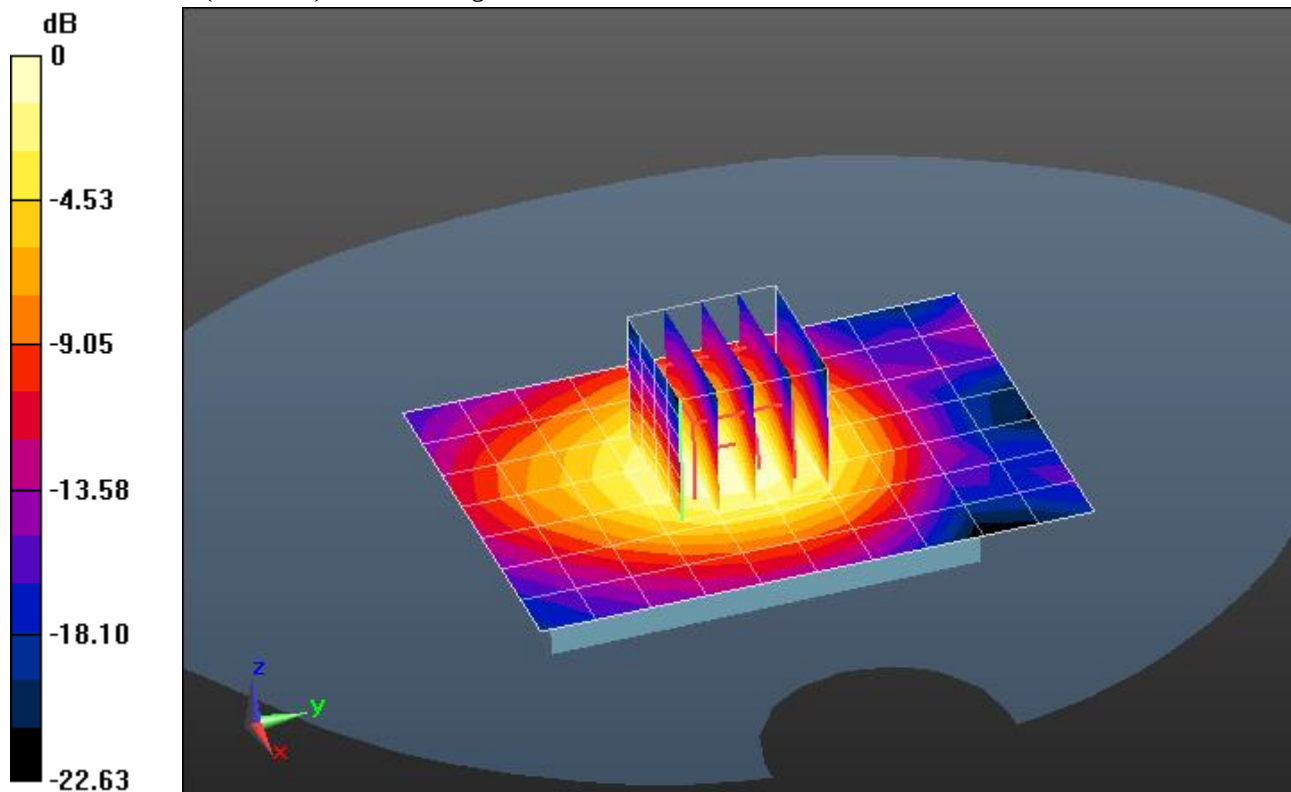
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.396 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.025 mW/g

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.443 mW/g

Maximum value of SAR (measured) = 0.812 mW/g



Plot 7

Date/Time: 10/14/2014 9:58:29 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Embedded Wireless_Pendant; Type: Medical device; Serial: 35370304.018704.108

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

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r = 51.762$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Mike ; Air Temperature: 23C; Medium Temperature: 21.8C; 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 Sn1266; Calibrated: 4/9/2014
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASYS 52.8.1(838);

Flat-Section/Back 10mm_Lanyard_1880MHz/Area Scan (8x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.618 mW/g

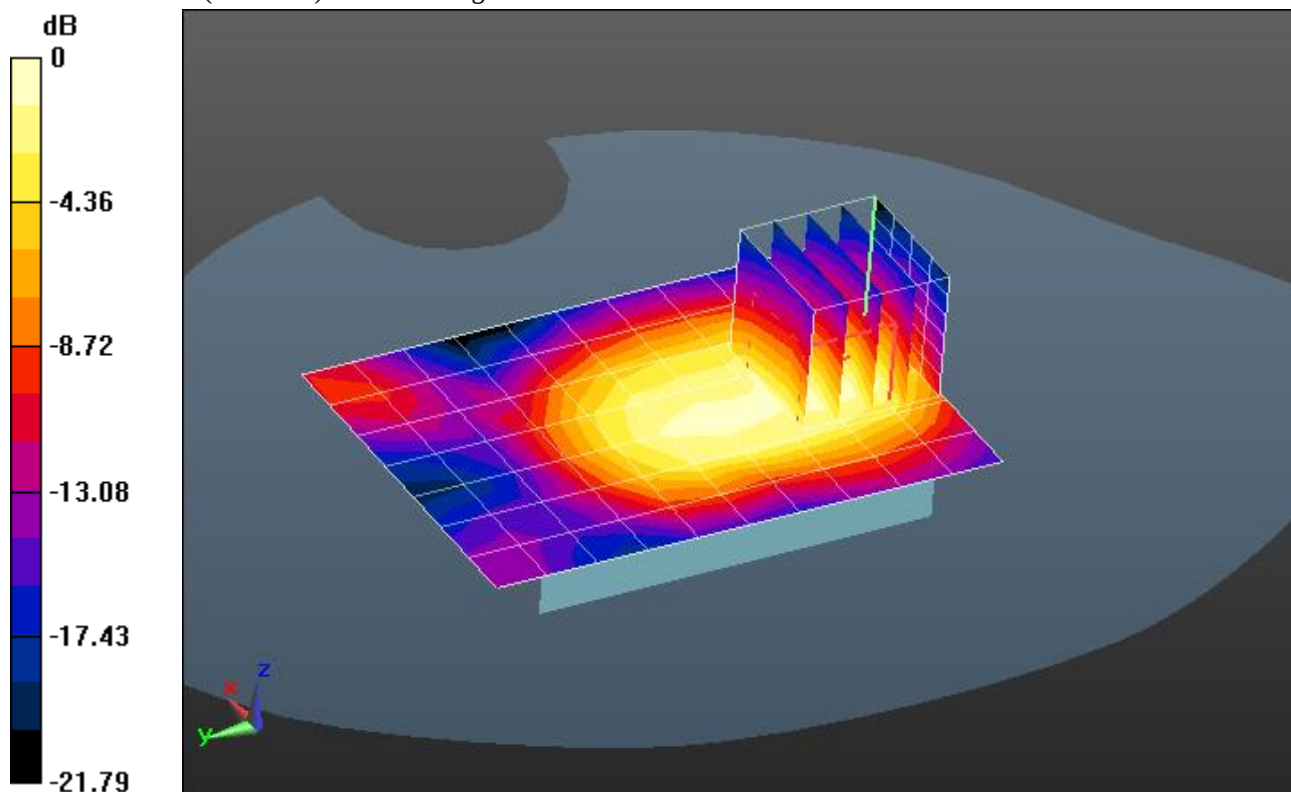
Flat-Section/Back 10mm_Lanyard_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.795 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.832 mW/g

SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.600 mW/g



Plot 8

Date/Time: 10/15/2014 8:46:36 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Embedded Wireless_Pendant; Type: Medical device; Serial: 35370304.018704.108

Communication System: UMTS-FDD (WCDMA); Frequency: 837 MHz

Medium: MSL900_Batch 100818-1

Medium parameters used (interpolated): $f = 837$ MHz; $\sigma = 1.009$ mho/m; $\epsilon_r = 54.381$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 22C; Medium Temperature: 21.7C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.15, 6.15, 6.15); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Back 10mm_836.6MHz/Area Scan (8x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

Maximum value of SAR (measured) = 0.220 mW/g

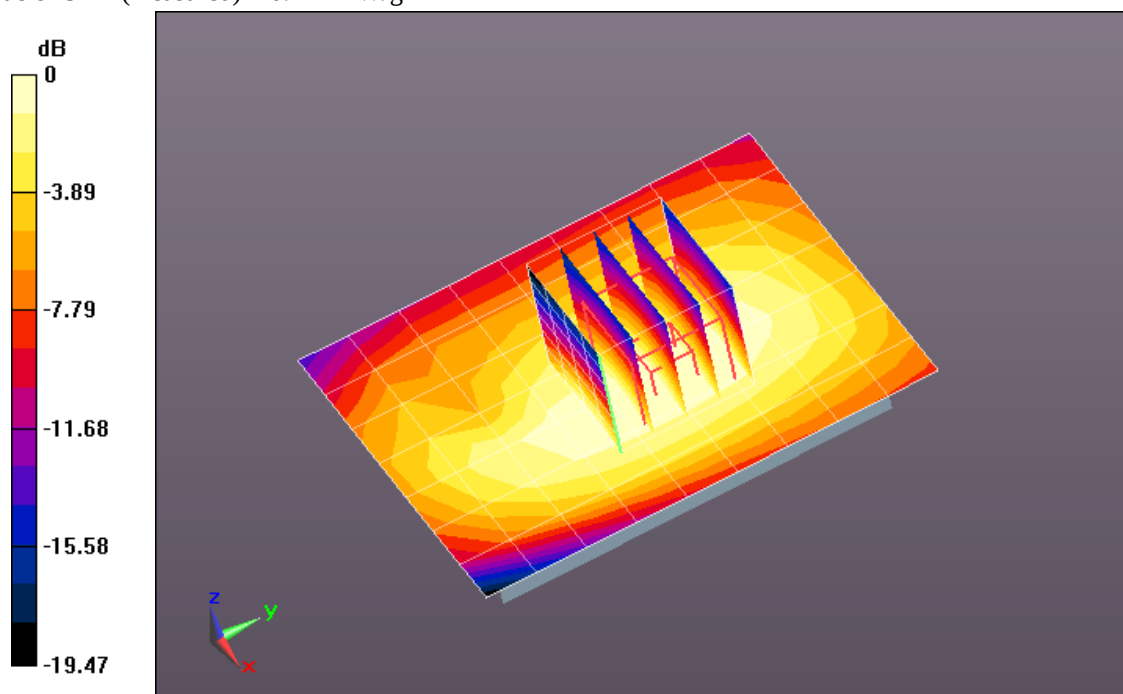
Flat-Section/Back 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.312 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.247 mW/g

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.140 mW/g
[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.220 mW/g = -13.17 dB mW/g

Plot 9

Date/Time: 10/15/2014 7:44:30 PM

Test Laboratory: Cetecom Inc. SAR 3 Lab

DUT: Embedded Wireless_Pendant; Type: Medical device; Serial: 35370304.018704.108

Communication System: 802.11bgn 100% Duty Cycle; Frequency: 2437 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.019$ mho/m; $\epsilon_r = 50.809$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: John; Air Temperature: 22.6C; Medium Temperature: 21.3C; 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 Sn1233; Calibrated: 3/17/2014
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP:xxxx
- DASYS2 52.8.1(838);

Flat-Section/Back 10mm/Area Scan (10x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

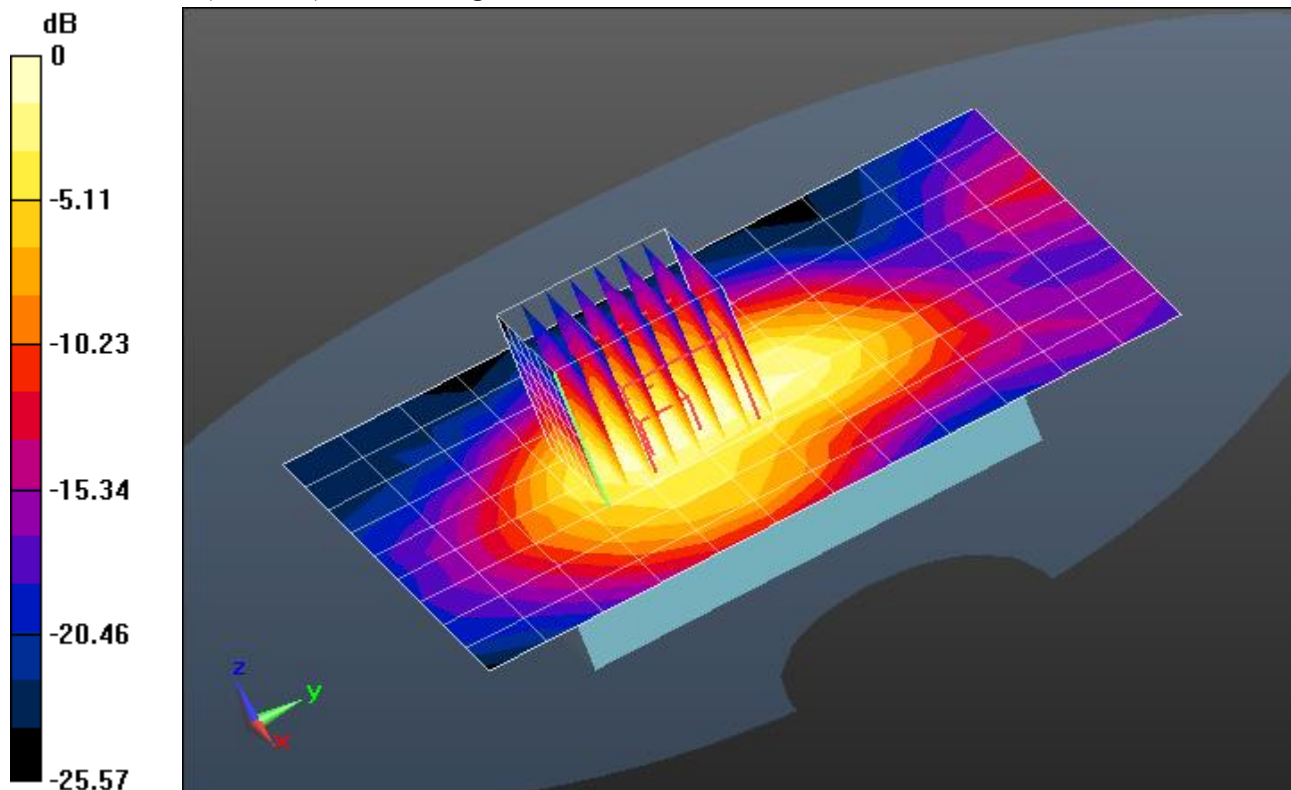
Flat-Section/Back 10mm/Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.104 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.915 mW/g

SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.248 mW/g

Maximum value of SAR (measured) = 0.580 mW/g



0 dB = 0.563 mW/g = -4.98 dB mW/g

Plot 10

Date/Time: 10/14/2014 11:40:32 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113_April 2014; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz

Medium: MSL900_Batch 100818-1

Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 1.007$ mho/m; $\epsilon_r = 54.403$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 22.3C; Medium Temperature: 21.7C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.15, 6.15, 6.15); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 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=15mm, dy=15mm

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

Maximum value of SAR (measured) = 9.97 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

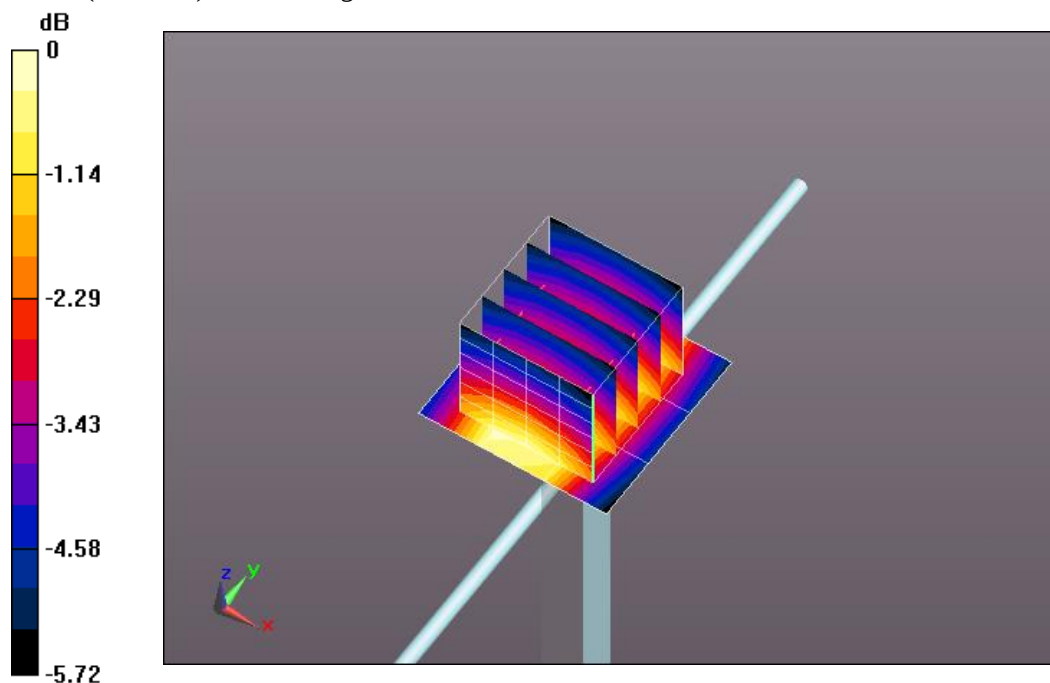
Reference Value = 111.2 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 14.105 mW/g

SAR(1 g) = 9.82 mW/g; SAR(10 g) = 6.52 mW/g

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

Maximum value of SAR (measured) = 11.4 mW/g



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

Plot 11

Date/Time: 10/15/2014 11:51:46 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135_April 2014; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.544$ mho/m; $\epsilon_r = 51.694$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Lenny; Air Temperature: 22.4C; Medium Temperature: 22C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.66, 4.66, 4.66); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS2 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/ $d=10$ mm, $P_{in}=1$ W, $dist=3.0$ mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 32.1 mW/g

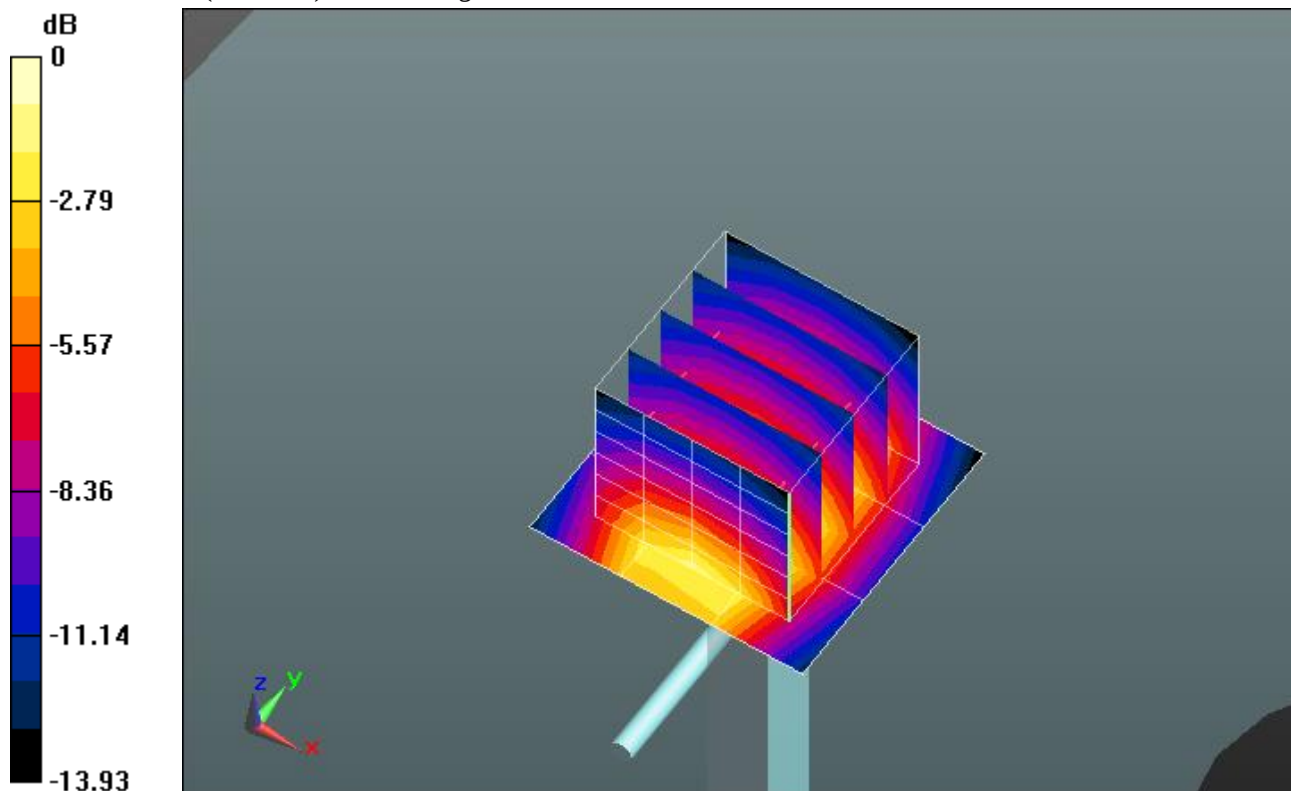
System Performance Check at Frequencies above 1 GHz/ $d=10$ mm, $P_{in}=1$ W, $dist=3.0$ mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 182.4 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 64.706 mW/g

SAR(1 g) = 37.7 mW/g; SAR(10 g) = 20.1 mW/g

Maximum value of SAR (measured) = 47.3 mW/g



0 dB = 32.1 mW/g = 30.14 dB mW/g

Plot 12

Date/Time: 10/16/2014 7:05:38 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135_April 2014; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 51.324$; $\rho = 1000$ 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: 21.9C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.66, 4.66, 4.66); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- 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=15mm, dy=15mm

Maximum value of SAR (measured) = 34.9 mW/g

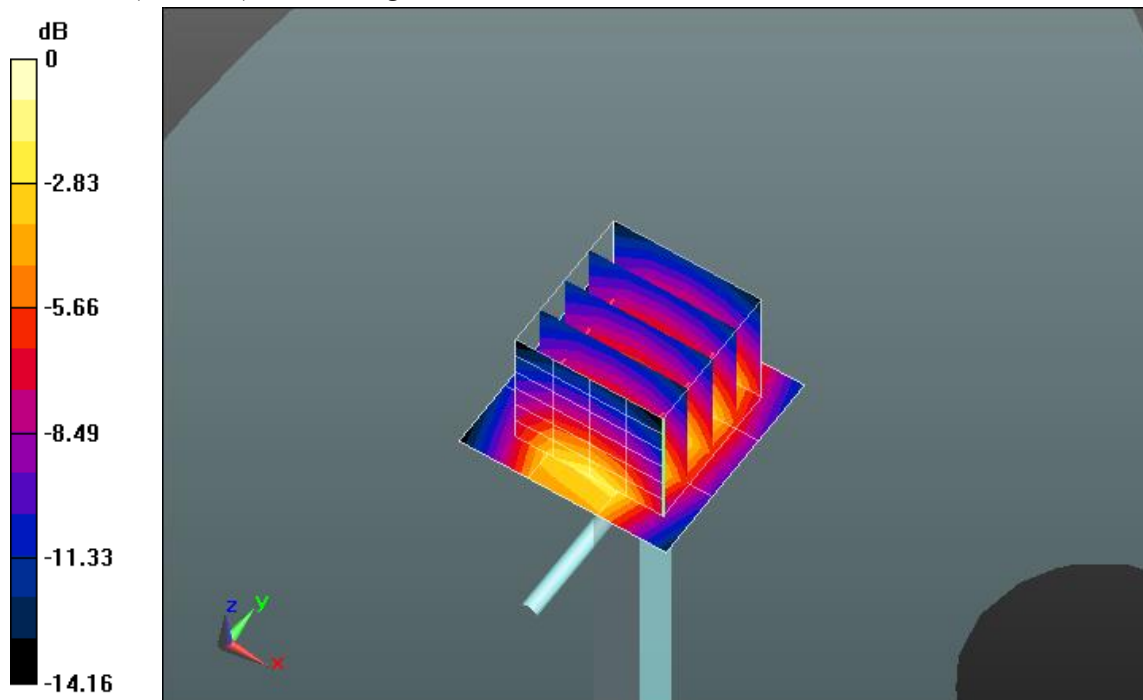
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 183.5 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 66.602 mW/g

SAR(1 g) = 38.5 mW/g; SAR(10 g) = 20.4 mW/g

Maximum value of SAR (measured) = 48.5 mW/g



0 dB = 34.9 mW/g = 30.85 dB mW/g

Plot 13

Date/Time: 10/15/2014 11:18:46 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 2450 MHz - D2450V2 - SN859_April 2014; Type: D2450V2; Serial: D2450V2 - SN:859

Communication System: CW; Frequency: 2450 MHz

Medium: MBBL1900-3800_Batch 130604-1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.033$ mho/m; $\epsilon_r = 50.771$; $\rho = 1000$ 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: 21.3 C; 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 Sn1233; Calibrated: 3/17/2014
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP:xxxx
- DASYS2 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/ $d=10$ mm, $P_{in}=1$ W, $dist=3.0$ mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 42.2 mW/g

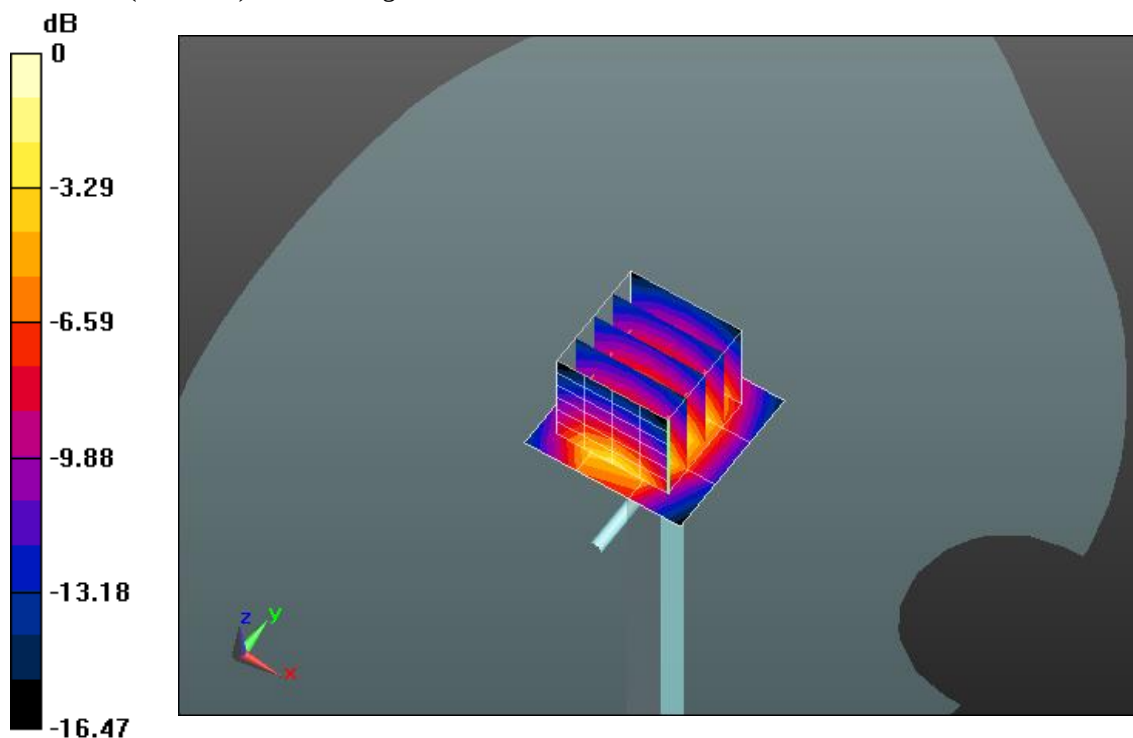
System Performance Check at Frequencies above 1 GHz/ $d=10$ mm, $P_{in}=1$ W, $dist=3.0$ mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 175.6 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 100.9 mW/g

SAR(1 g) = 47.5 mW/g; SAR(10 g) = 22 mW/g

Maximum value of SAR (measured) = 62.5 mW/g



0 dB = 42.2 mW/g = 32.51 dB mW/g