

Plot 1

Date/Time: 9/12/2014 12:24:28 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz

Medium: MSL900_Batch 100818-1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 53.352$; $\rho = 1000$ 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: 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), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxxx
- DASY52 52.8.1(838);

Flat-Section 9-12/Leather_Back 0mm/Area Scan (12x14x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0611 mW/g

Flat-Section 9-12/Leather_Back 0mm/Zoom Scan (10x8x7)/Cube 0:

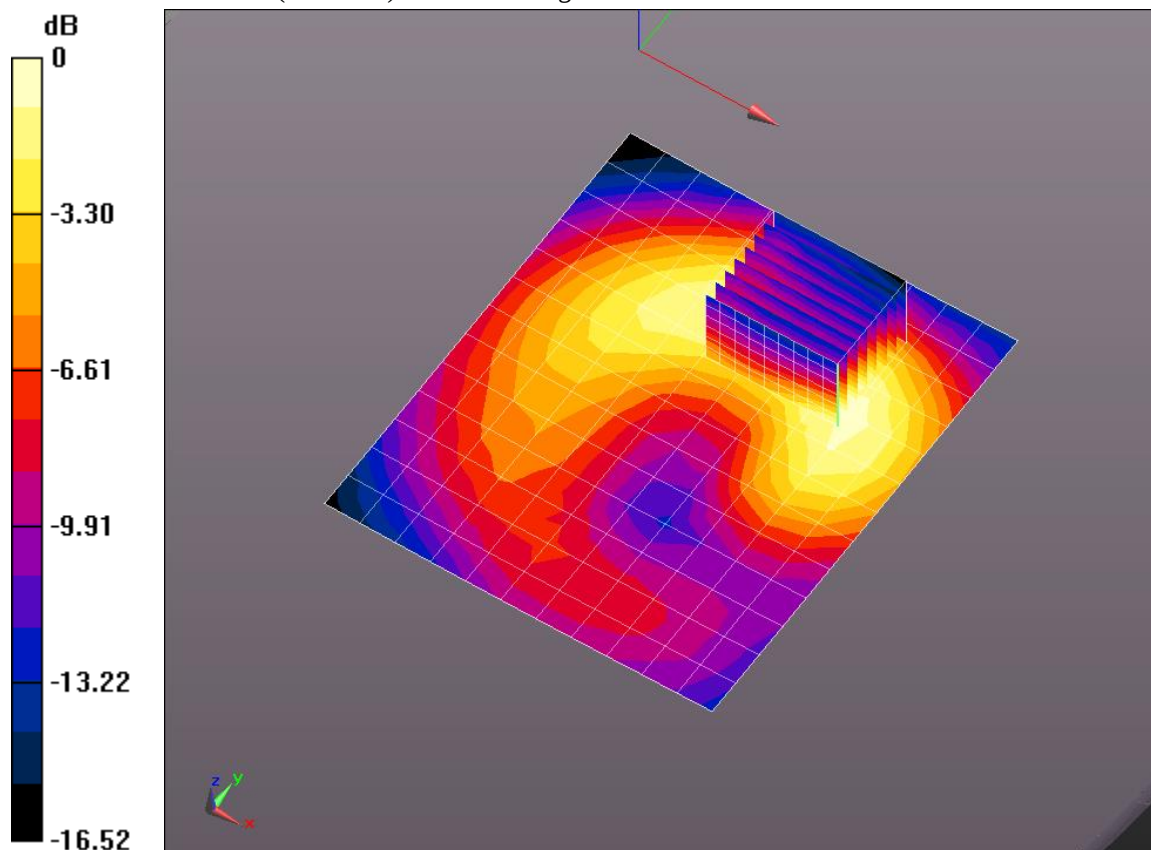
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.919 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.073 mW/g

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.0547 mW/g



0 dB = 0.0611 mW/g = -24.28 dB mW/g

Plot 2

Date/Time: 9/18/2014 12:02:14 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz

Medium: MSL900_Batch 100818-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.101$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22C; Medium Temperature: 20.8C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.15, 6.15, 6.15); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxxx
- DASYS52 52.8.1(838);

Flat-Section 9-17/Plastic_Back 0mm/Area Scan (12x14x1): Measurement grid:

 $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.364 mW/g

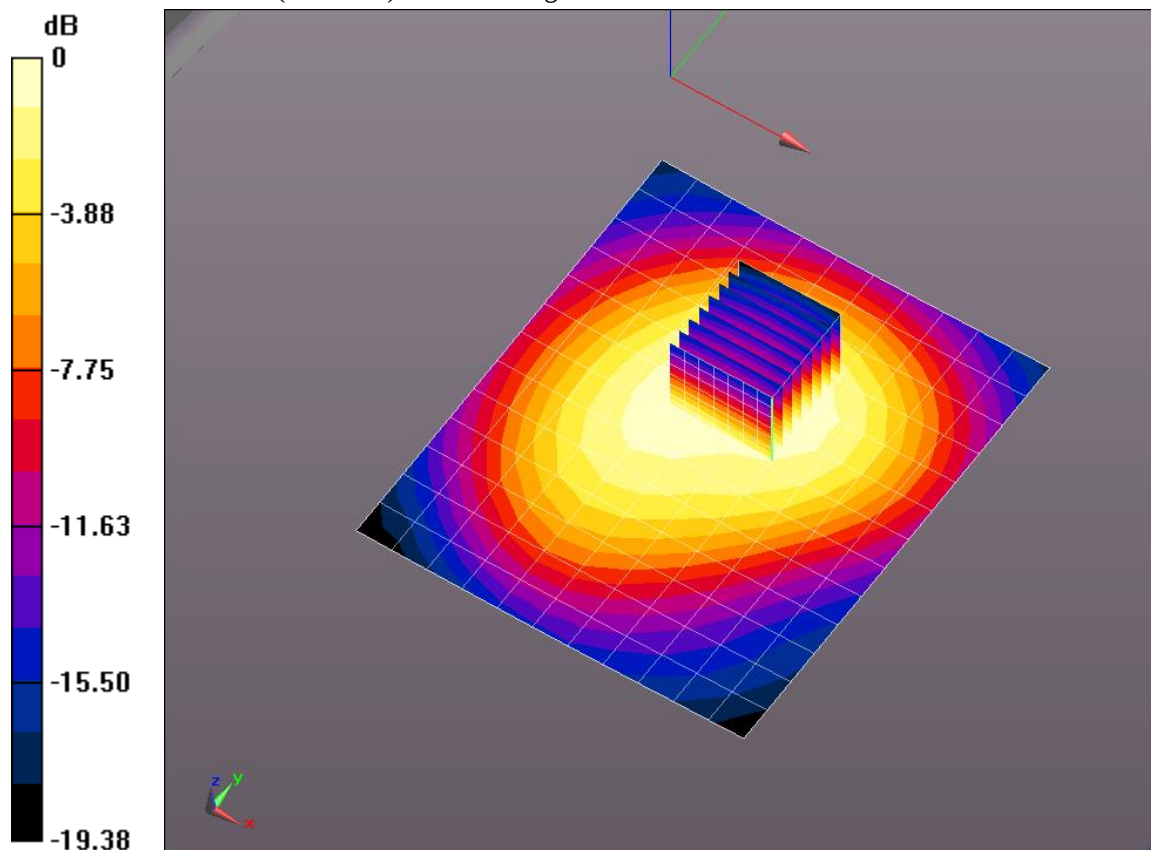
Flat-Section 9-17/Plastic_Back 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.048 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.414 mW/g

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.334 mW/g



0 dB = 0.364 mW/g = -8.78 dB mW/g

Plot 3

Date/Time: 9/18/2014 12:43:12 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz

Medium: MSL900_Batch 100818-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.101$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22C; Medium Temperature: 20.7C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.15, 6.15, 6.15); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxxx
- DASYS52 52.8.1(838);

Flat-Section 9-17/Plastic_Front 0mm/Area Scan (12x14x1): Measurement grid:

dx=12mm, dy=12mm

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

Flat-Section 9-17/Plastic_Front 0mm/Zoom Scan (7x7x7)/Cube 0:

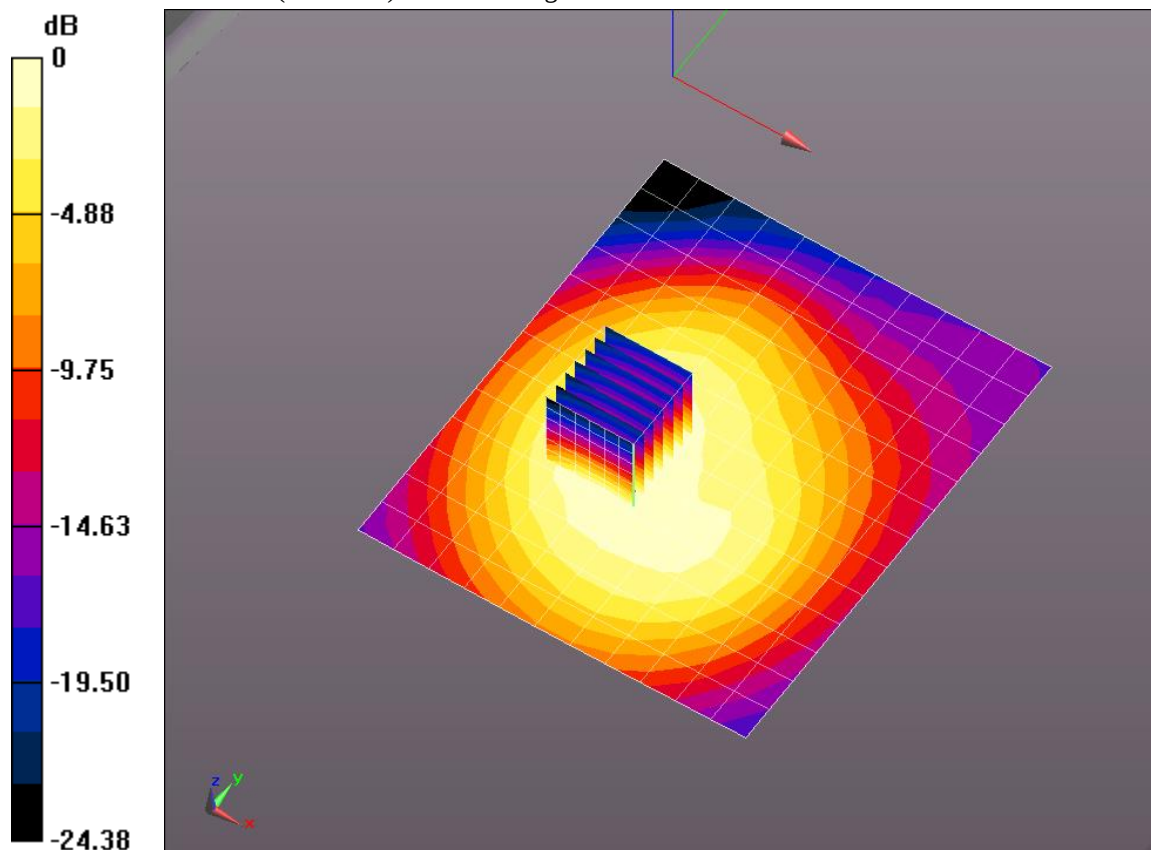
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.793 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.413 mW/g

SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.227 mW/g

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



0 dB = 0.350 mW/g = -9.12 dB mW/g

Plot 4

Date/Time: 9/18/2014 8:17:09 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ mho/m; $\epsilon_r = 52.213$; $\rho = 1000$ 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: 21.2C;

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_9-17-2014/Leather_Back 0mm/Area Scan (11x14x1):

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

Maximum value of SAR (measured) = 0.0339 mW/g

Flat-Section_9-17-2014/Leather_Back 0mm/Zoom Scan (5x5x7)/Cube 0:

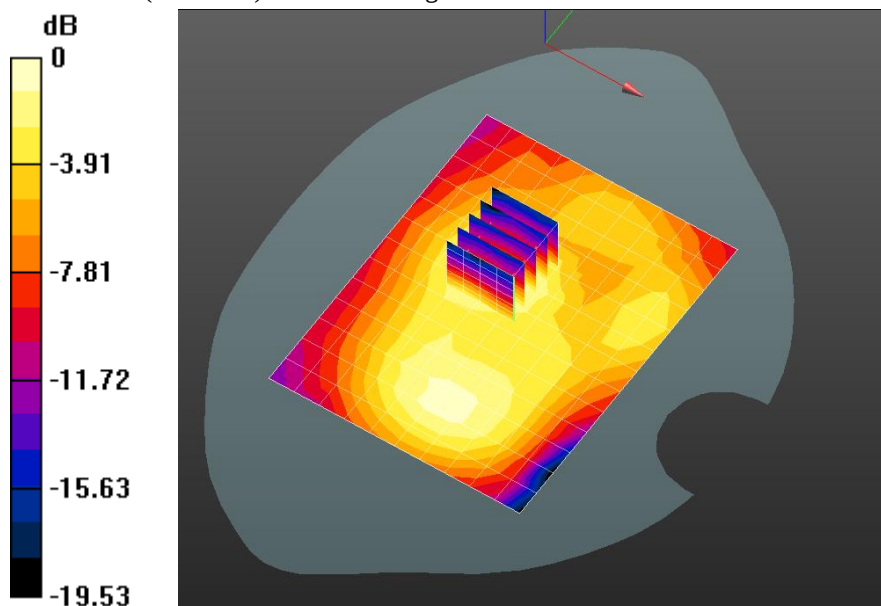
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.357 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.046 mW/g

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.0342 mW/g



0 dB = 0.0339 mW/g = -29.40 dB mW/g

Plot 5

Date/Time: 9/17/2014 2:52:33 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ mho/m; $\epsilon_r = 52.213$; $\rho = 1000$ 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: 21.1C;

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);

Flat-Section_9-17-2014/Plastic_Back 0mm/Area Scan (11x14x1): Measurement

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

Maximum value of SAR (measured) = 0.499 mW/g

Flat-Section_9-17-2014/Plastic_Back 0mm/Zoom Scan (5x5x7)/Cube 0:

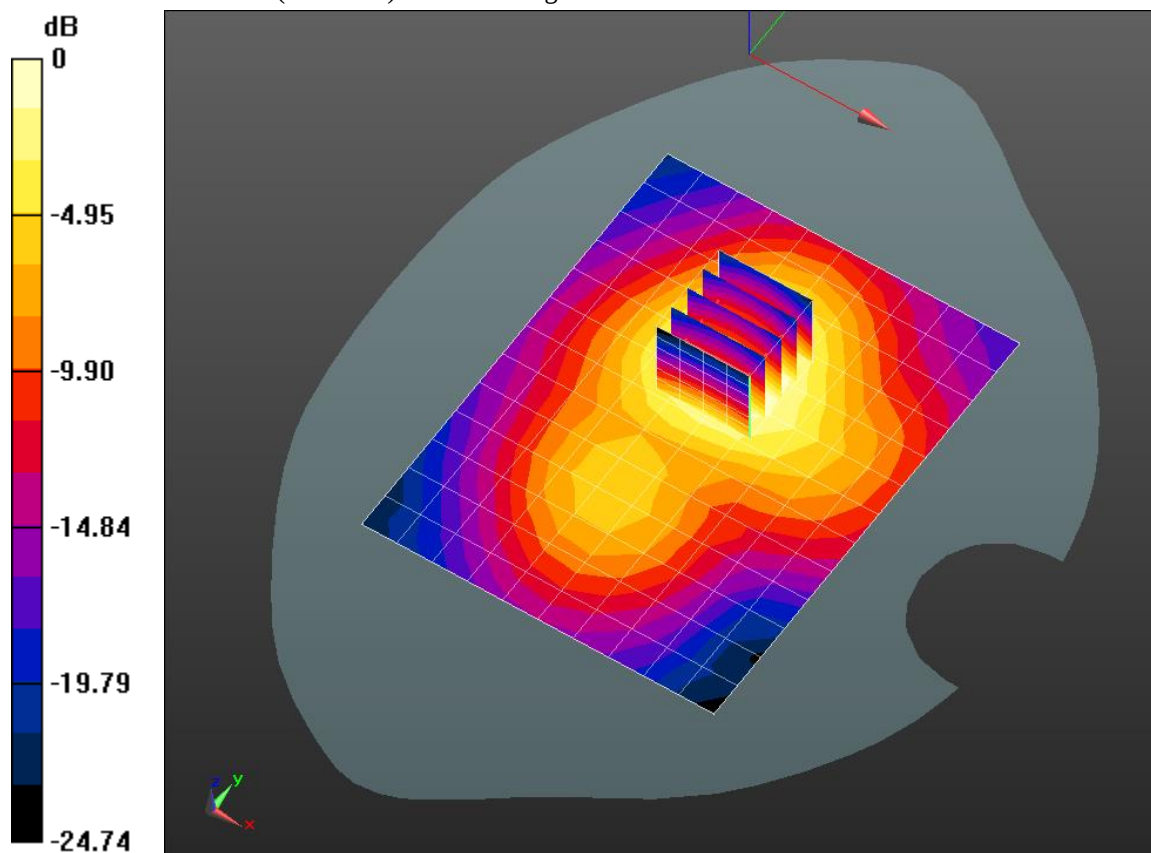
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.169 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.612 mW/g

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 0.481 mW/g



0 dB = 0.499 mW/g = -6.03 dB mW/g

Plot 6

Date/Time: 9/17/2014 3:21:19 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ mho/m; $\epsilon_r = 52.213$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kaythy; Air Temperature: 21C; Medium Temperature: 21.1C;

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_9-17-2014/Plastic_Front 0mm/Area Scan (11x14x1): Measurement

grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0955 mW/g

Flat-Section_9-17-2014/Plastic_Front 0mm/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 1.956 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.120 mW/g

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.0928 mW/g

Flat-Section_9-17-2014/Plastic_Front 0mm/Zoom Scan (5x5x7)/Cube 1:

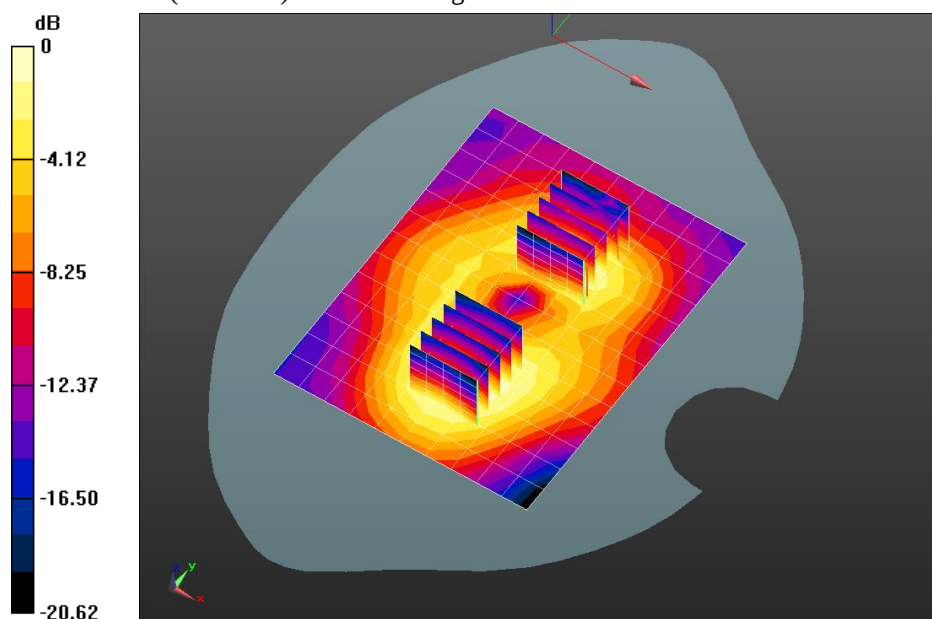
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.956 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.076 mW/g

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.0584 mW/g



0 dB = 0.0955 mW/g = -20.40 dB mW/g

Plot 7

Date/Time: 9/18/2014 8:49:16 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

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

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ mho/m; $\epsilon_r = 52.213$; $\rho = 1000$ 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: 21.2C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.66, 4.66, 4.66); Calibrated: 3/19/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1265; Calibrated: 1/29/2014
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASYS52 52.8.1(838);

Flat-Section_9-17-2014/Leather_Back 0mm/Area Scan (11x14x1):

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

Maximum value of SAR (measured) = 0.0492 mW/g

Flat-Section_9-17-2014/Leather_Back 0mm/Zoom Scan (5x5x7)/Cube 0:

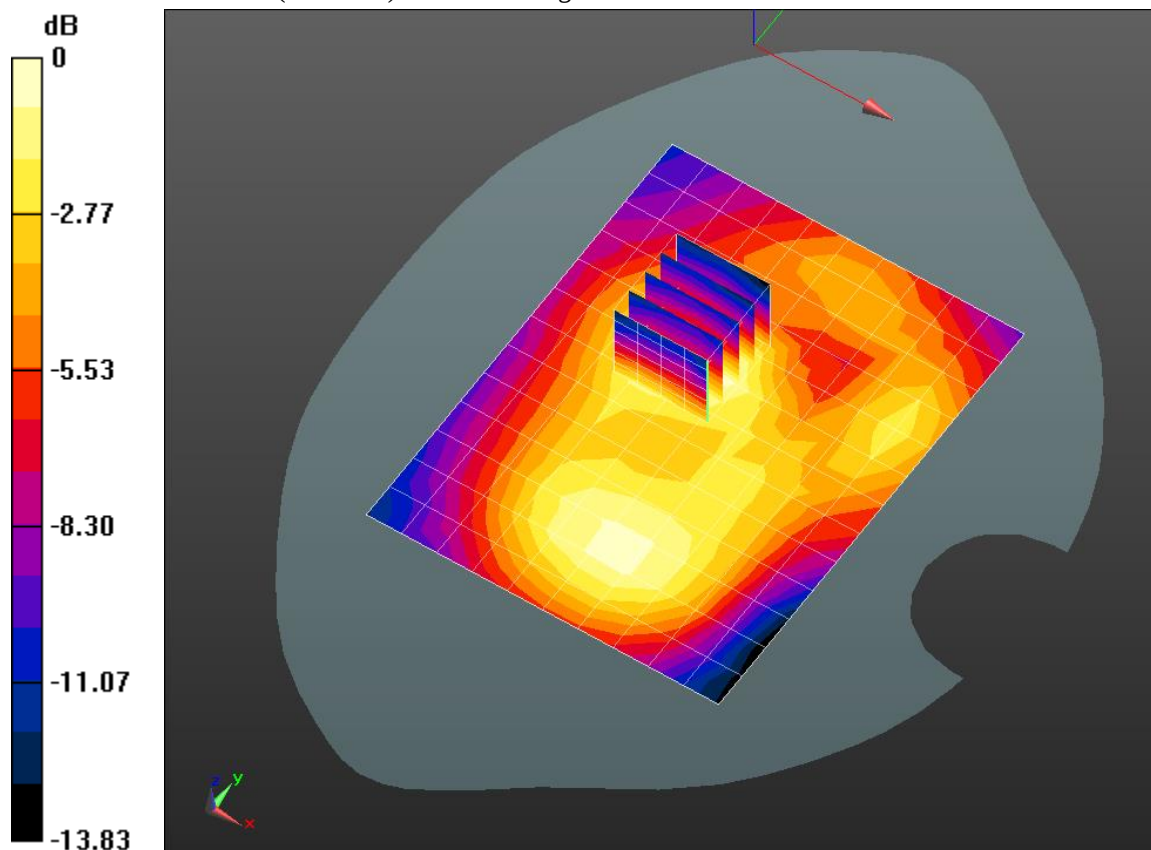
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.907 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.067 mW/g

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.0448 mW/g



0 dB = 0.0492 mW/g = -26.15 dB mW/g

Plot 8

Date/Time: 9/18/2014 9:15:55 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

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

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ mho/m; $\epsilon_r = 52.213$; $\rho = 1000$ 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: 21.3C;

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
- DASYS52 52.8.1(838);

Flat-Section_9-17-2014/Plastic_Back 0mm/Area Scan (11x14x1): Measurement

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

Maximum value of SAR (measured) = 0.782 mW/g

Flat-Section_9-17-2014/Plastic_Back 0mm/Zoom Scan (5x5x7)/Cube 0:

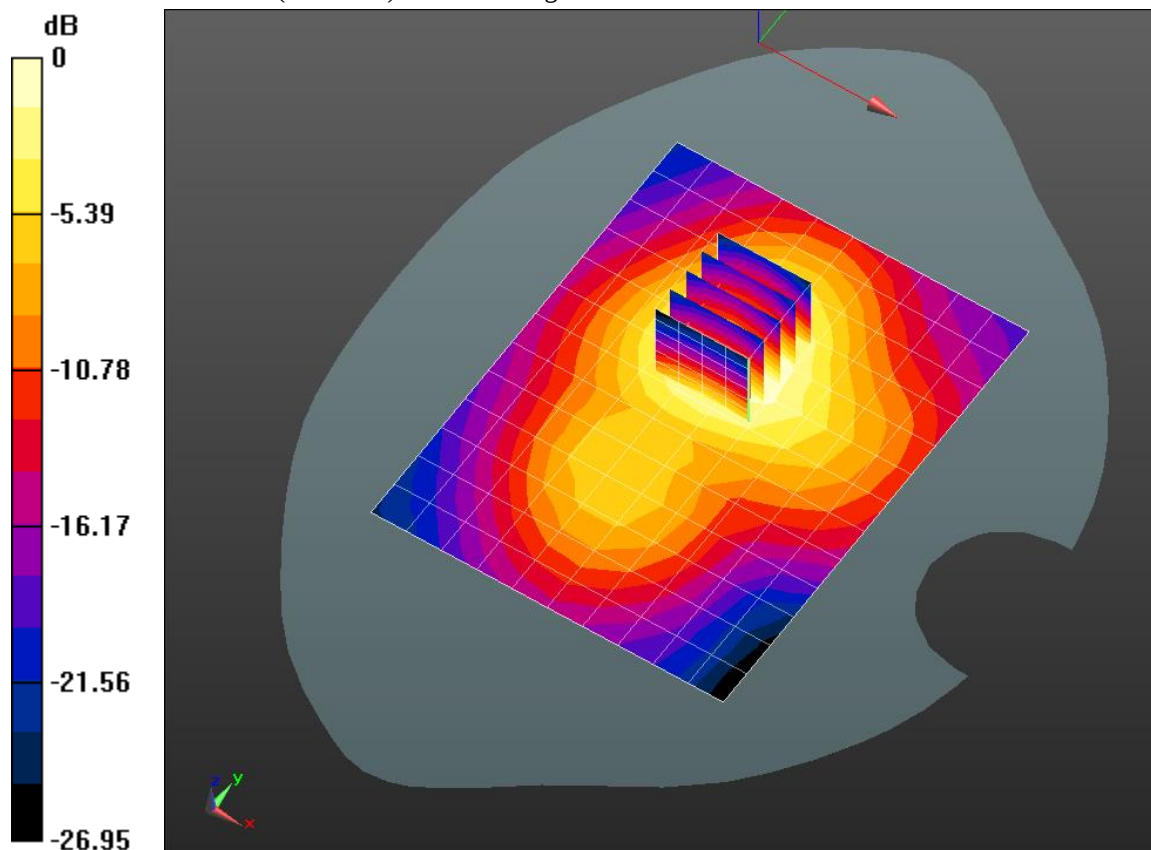
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.435 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.046 mW/g

SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.447 mW/g

Maximum value of SAR (measured) = 0.824 mW/g



0 dB = 0.782 mW/g = -2.13 dB mW/g

Plot 9

Date/Time: 9/18/2014 9:35:44 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

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

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ mho/m; $\epsilon_r = 52.213$; $\rho = 1000$ 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: 21.5C;

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_9-17-2014/Plastic_Front 0mm/Area Scan (11x14x1): Measurement

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

Maximum value of SAR (measured) = 0.176 mW/g

Flat-Section_9-17-2014/Plastic_Front 0mm/Zoom Scan (5x5x7)/Cube 0:

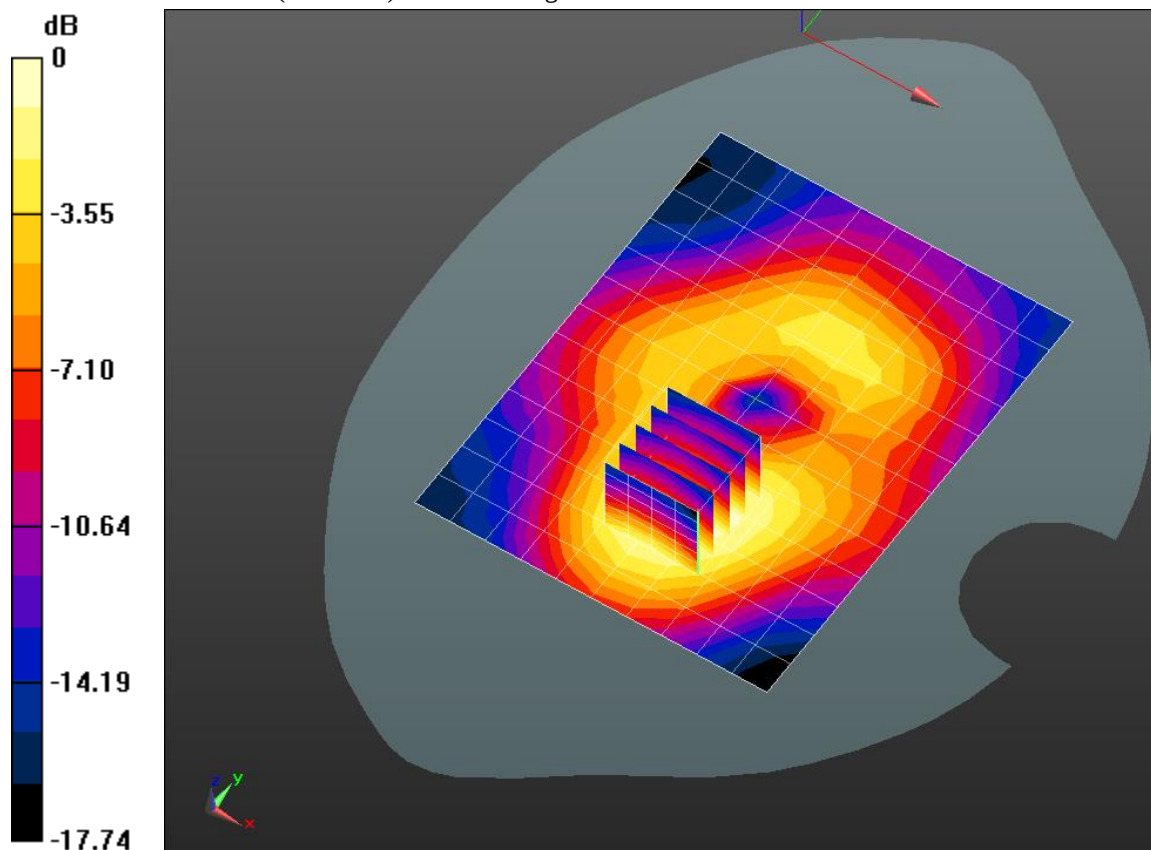
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.610 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.221 mW/g

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.096 mW/g

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



0 dB = 0.176 mW/g = -15.10 dB mW/g

Plot 10

Date/Time: 9/30/2014 10:44:12 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

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

Medium: MSL1900_Batch 100824-3

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.491$ mho/m; $\epsilon_r = 51.201$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; 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
- DASYS52 52.8.1(838);

Flat-Section_9-30-2014/Plastic_Back 0mm_Low Ch./Area Scan (11x14x1): Measurement grid:

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

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

Maximum value of SAR (measured) = 0.755 mW/g

Flat-Section_9-30-2014/Plastic_Back 0mm_Low Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

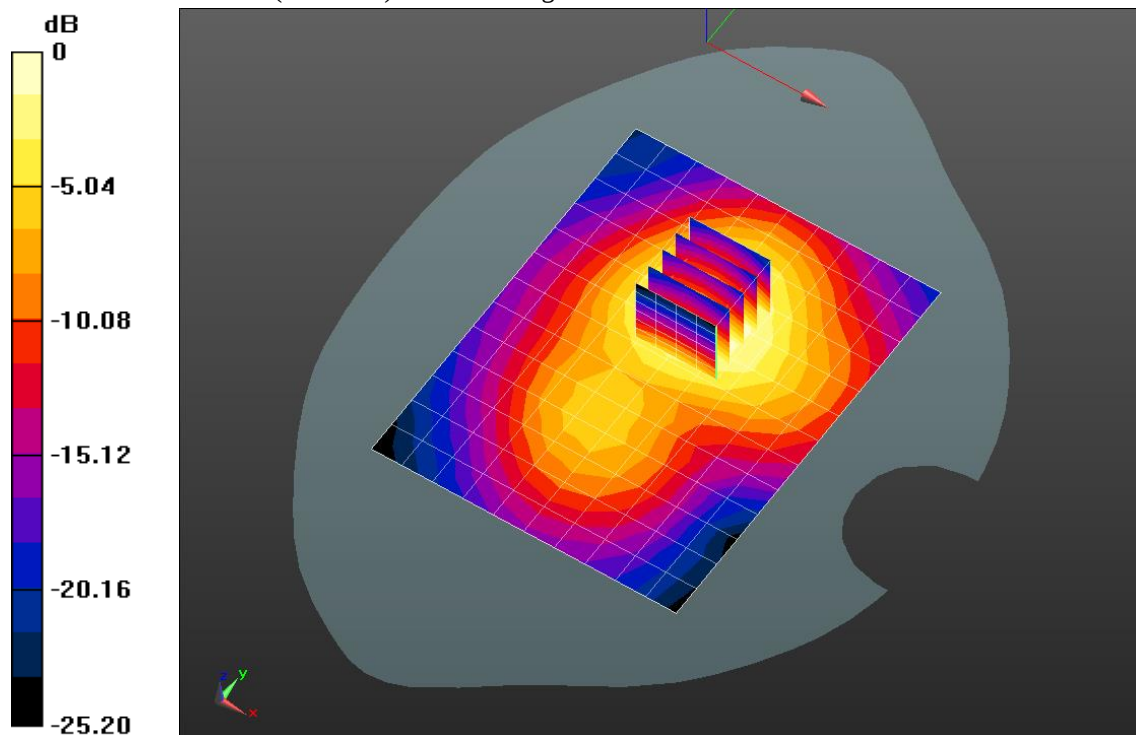
Reference Value = 21.971 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.912 mW/g

SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.403 mW/g

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

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



0 dB = 0.755 mW/g = -2.44 dB mW/g

Plot 11

Date/Time: 9/30/2014 11:09:37 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

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

Medium: MSL1900_Batch 100824-3

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r = 51.303$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; 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 (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_9-30-2014/Plastic_Back 0mm_High Ch./Area Scan (11x14x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.628 mW/g

Flat-Section_9-30-2014/Plastic_Back 0mm_High Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid:

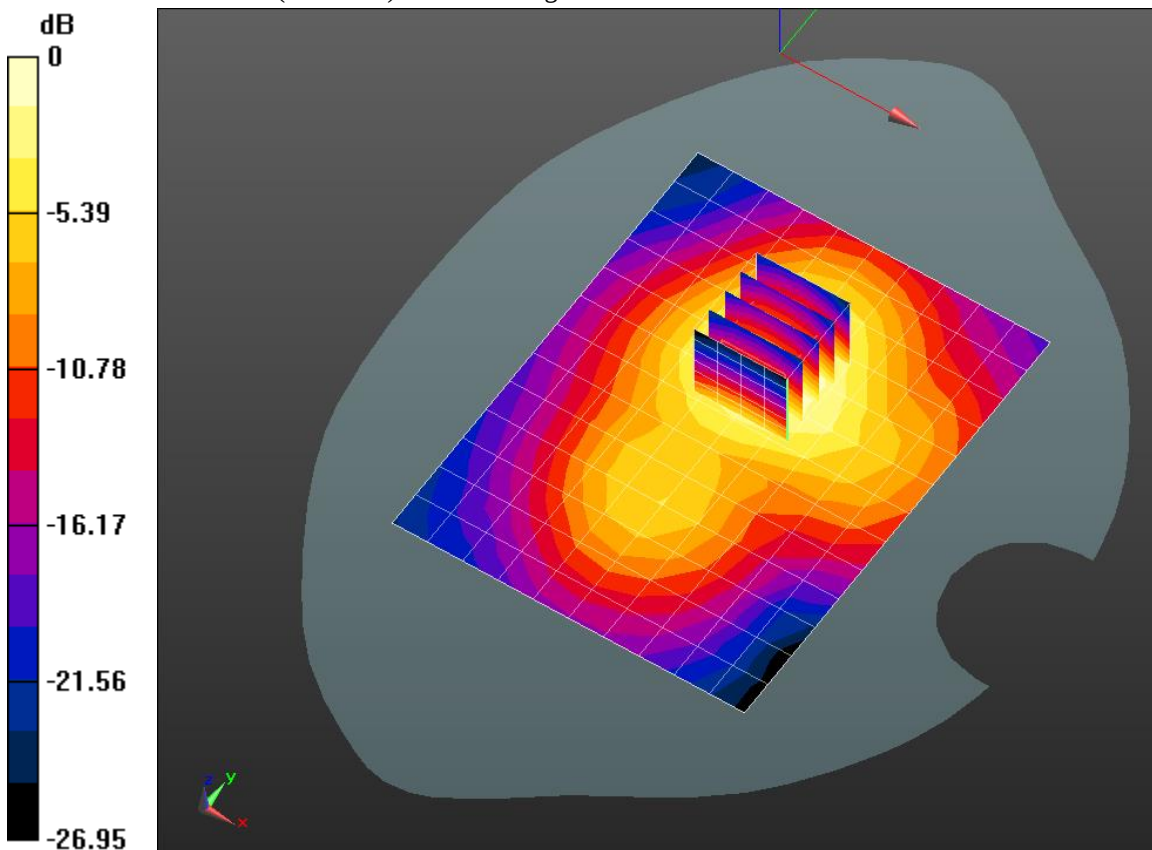
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.236 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.762 mW/g

SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.596 mW/g



0 dB = 0.628 mW/g = -4.04 dB mW/g

Plot 12

Date/Time: 9/18/2014 11:22:37 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

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

Medium: MSL900_Batch 100818-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.101$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.15, 6.15, 6.15); 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 4.0; Type: QDOVA001BA; Serial: xxxxx
- DASYS52 52.8.1(838);

Flat-Section 9-17/Leather_Back 0mm 0/Area Scan (12x14x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0370 mW/g

Flat-Section 9-17/Leather_Back 0mm 0/Zoom Scan (6x6x7)/Cube 0:

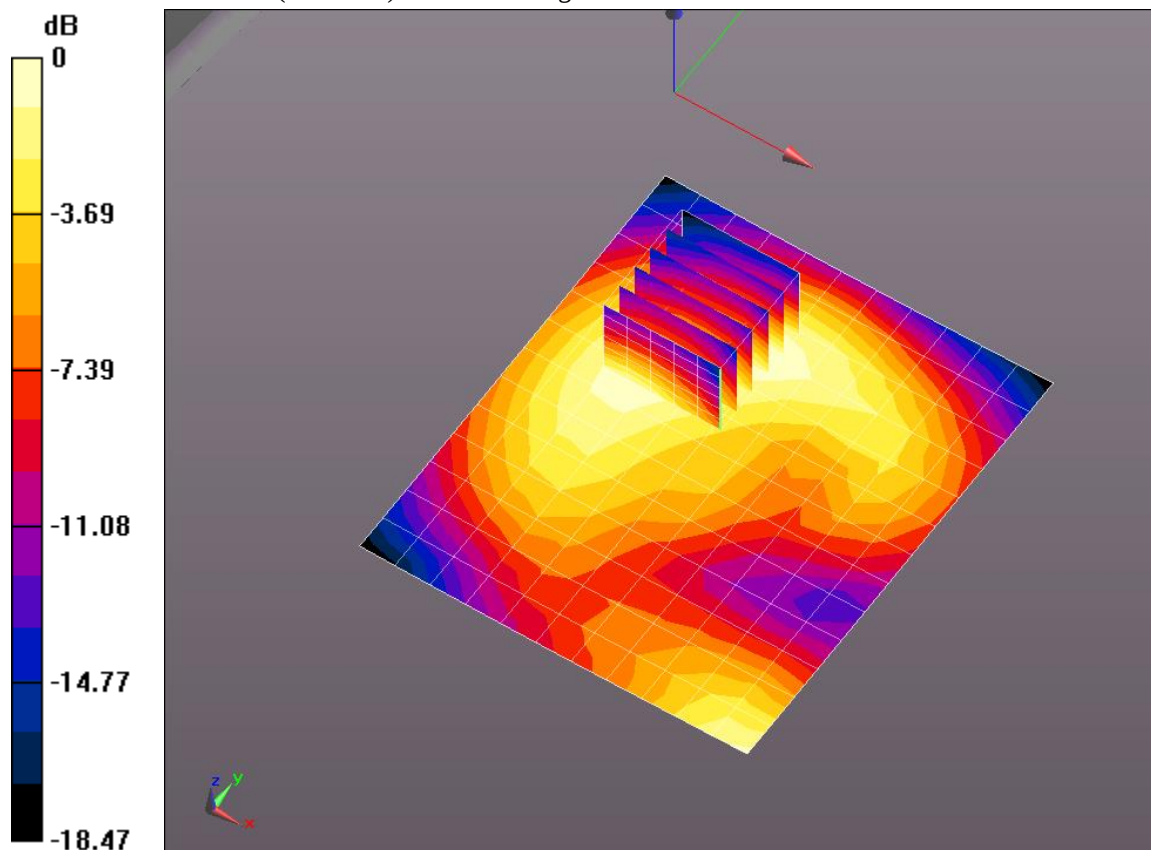
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.951 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.044 mW/g

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.0372 mW/g



0 dB = 0.0370 mW/g = -28.63 dB mW/g

Plot 13

Date/Time: 9/18/2014 10:05:32 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

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

Medium: MSL900_Batch 100818-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.101$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.3C; Medium Temperature: 21.3C;

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: xxxxx
- DASYS52 52.8.1(838);

Flat-Section 9-17/Plastic_Back 0mm/Area Scan (12x14x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.284 mW/g

Flat-Section 9-17/Plastic_Back 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement

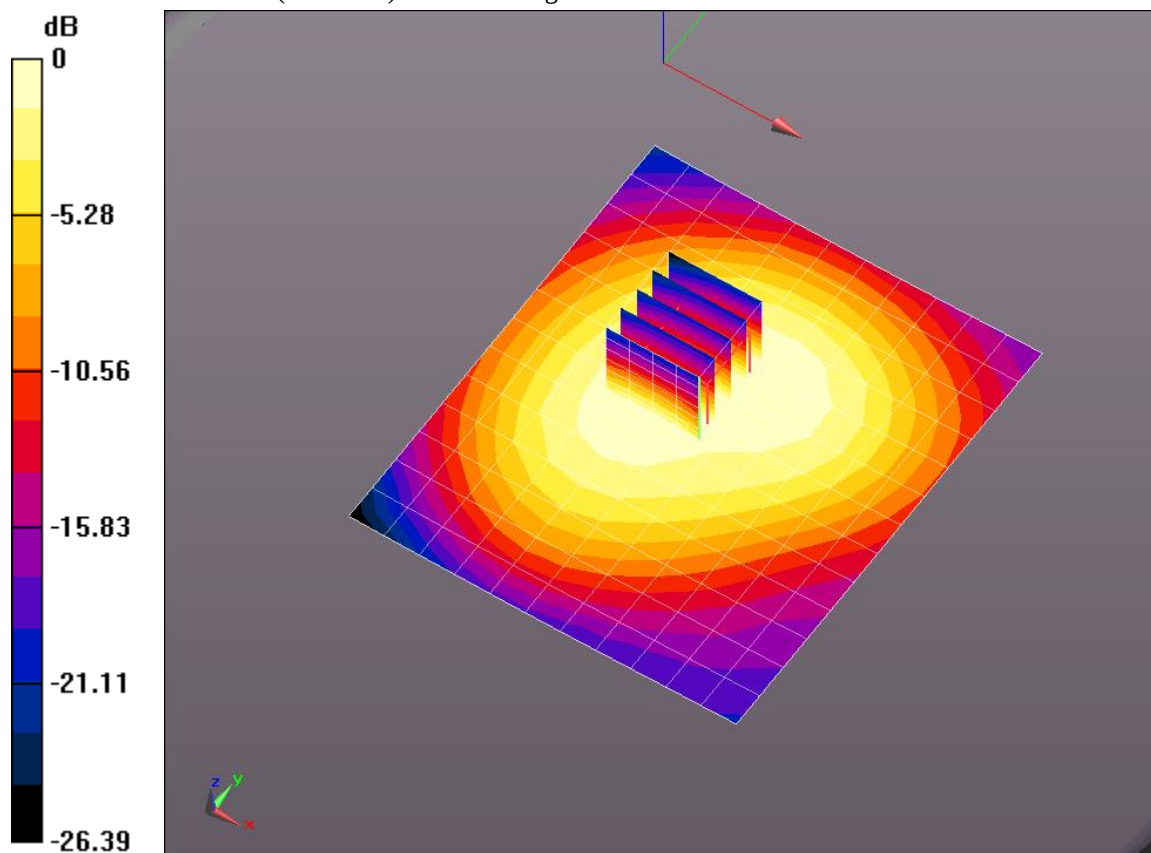
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.666 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.322 mW/g

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.178 mW/g

Maximum value of SAR (measured) = 0.272 mW/g



0 dB = 0.284 mW/g = -10.92 dB mW/g

Plot 14

Date/Time: 9/18/2014 10:50:12 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: TZ Medical; Type: ECG Monitor; Serial: IMEI:35150205.018524.809

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

Medium: MSL900_Batch 100818-1

Medium parameters used: $f = 837$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.101$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.3C;

Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.15, 6.15, 6.15); 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 4.0; Type: QDOVA001BA; Serial: xxxxx
- DASYS52 52.8.1(838);

Flat-Section 9-17/Plastic_Front 0mm/Area Scan (12x14x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.275 mW/g

Flat-Section 9-17/Plastic_Front 0mm/Zoom Scan (5x5x7)/Cube 0:

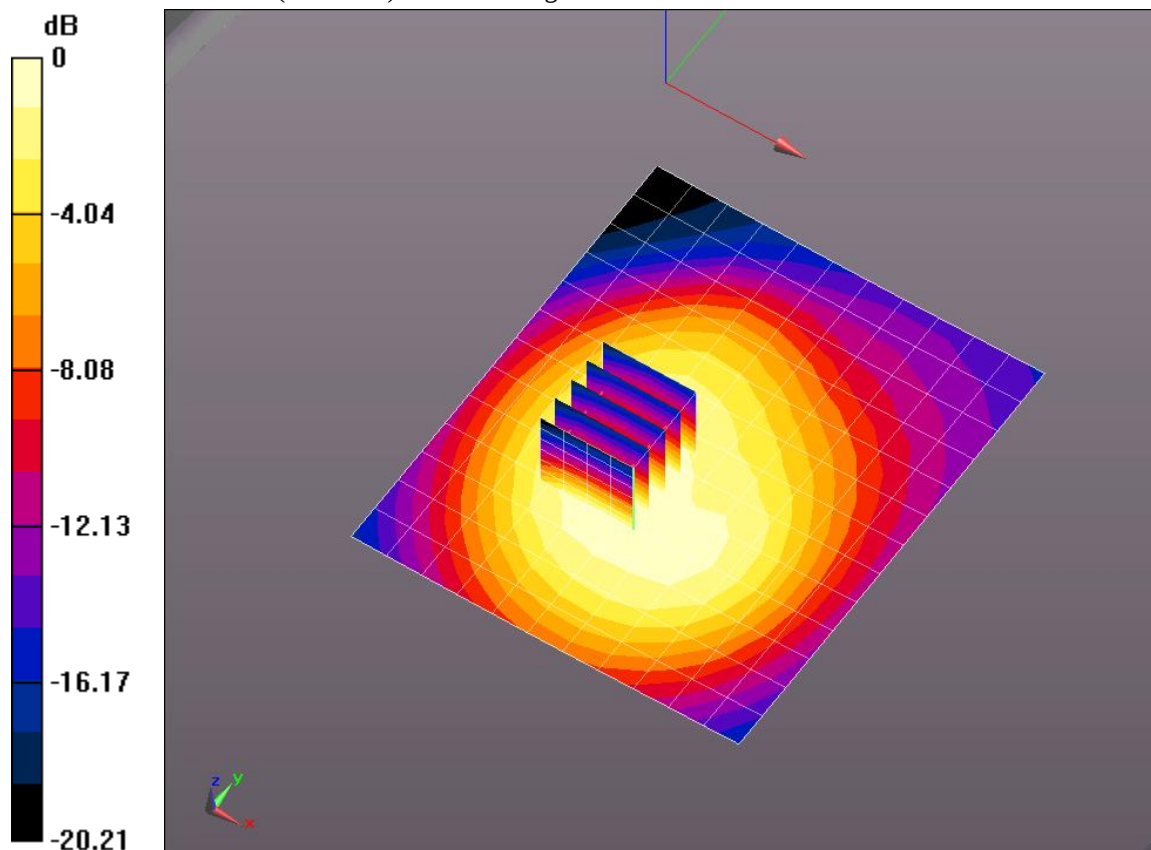
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.681 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.315 mW/g

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.267 mW/g



0 dB = 0.275 mW/g = -11.22 dB mW/g

Plot 15

Date/Time: 9/12/2014 9:33:38 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: $f = 835$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 53.355$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 22.3C; 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: xxxxx
- 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) = 9.80 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:

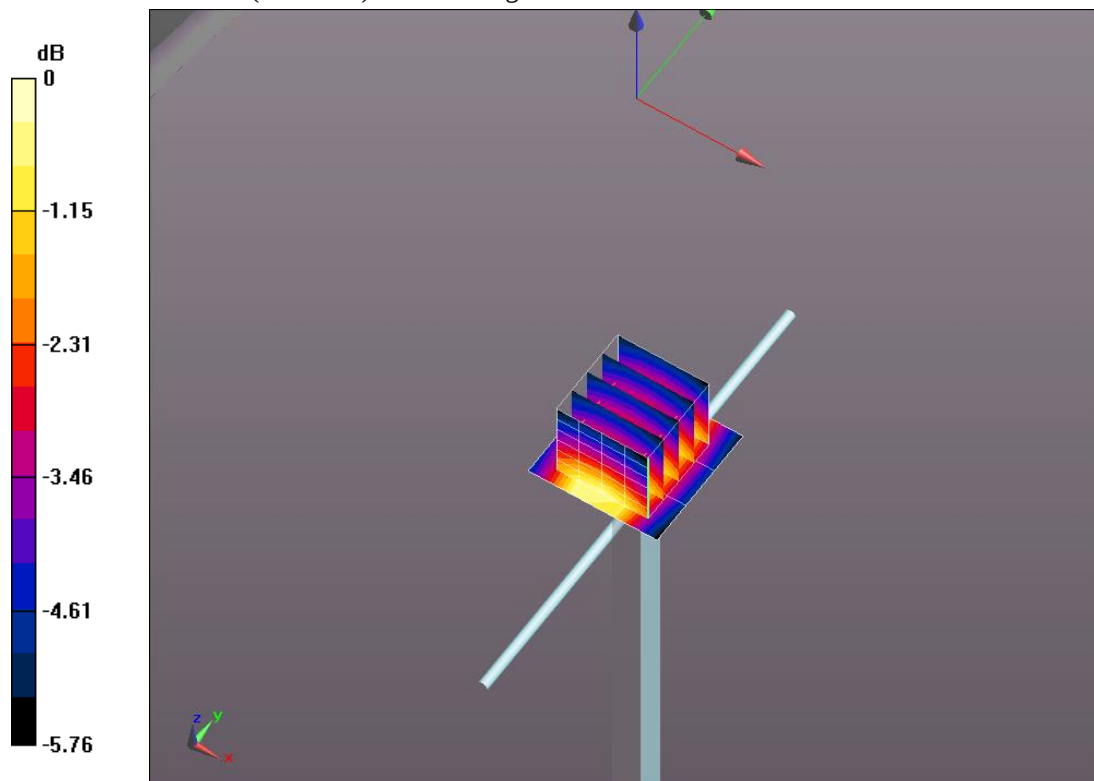
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.5 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 13.946 mW/g

SAR(1 g) = 9.66 mW/g; SAR(10 g) = 6.4 mW/g

Maximum value of SAR (measured) = 11.2 mW/g



0 dB = 9.80 mW/g = 19.83 dB mW/g

Plot 16

Date/Time: 9/17/2014 1:54:45 PM

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: $f = 835$ MHz; $\sigma = 1.006$ mho/m; $\epsilon_r = 55.128$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Procedure Notes: Test Technician: Kathy; Air Temperature: 21.3C Medium Temperature: 21.0C;

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: xxxxx
- 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) = 10.5 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:

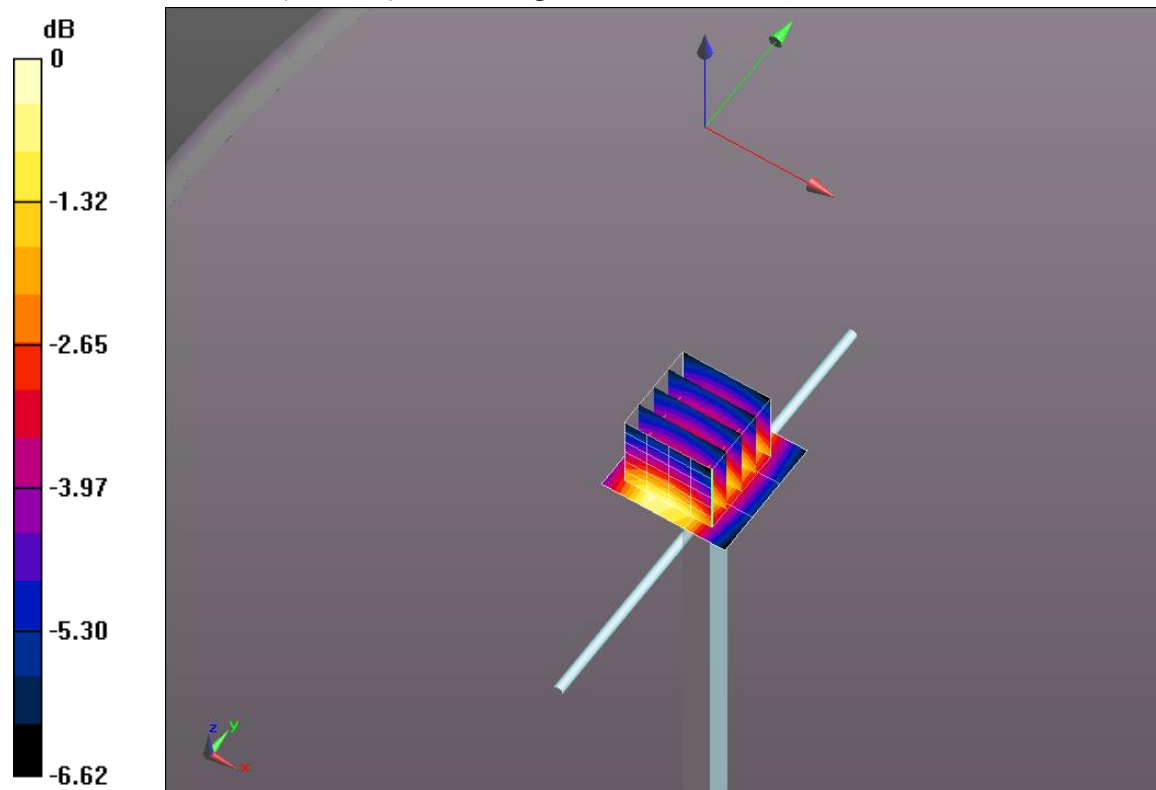
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.6 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 14.187 mW/g

SAR(1 g) = 9.84 mW/g; SAR(10 g) = 6.53 mW/g

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



0 dB = 10.5 mW/g = 20.41 dB mW/g

Plot 17

Date/Time: 9/17/2014 2:30:45 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; $\sigma = 1.577$ mho/m; $\epsilon_r = 52.139$; $\rho = 1000$ 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: 21.1C;

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
- DASYS52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/ $d=10$ mm,

Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 31.4 mW/g

System Performance Check at Frequencies above 1 GHz/ $d=10$ mm,

Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:

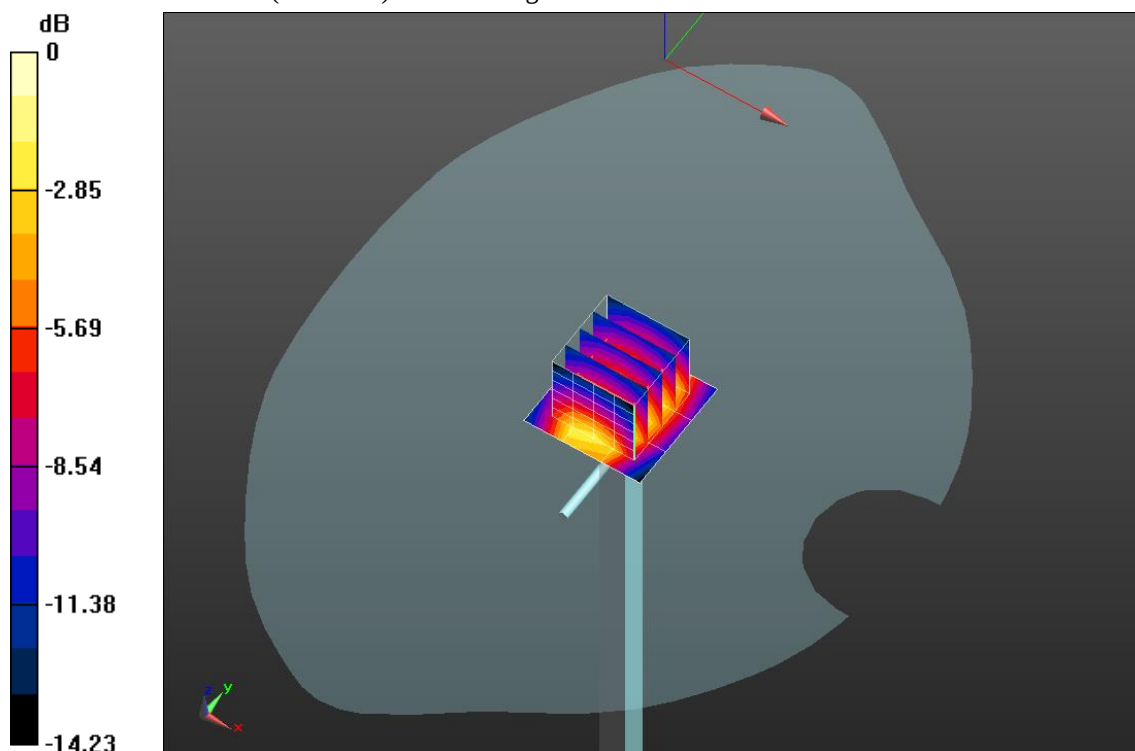
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 182.5 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 67.091 mW/g

SAR(1 g) = 38.6 mW/g; SAR(10 g) = 20.4 mW/g

Maximum value of SAR (measured) = 48.7 mW/g



0 dB = 31.4 mW/g = 29.93 dB mW/g

Plot 18

Date/Time: 9/30/2014 9:17:49 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; $\sigma = 1.557$ mho/m; $\epsilon_r = 51.342$; $\rho = 1000$ 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: 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
- DASYS52 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) = 37.3 mW/g

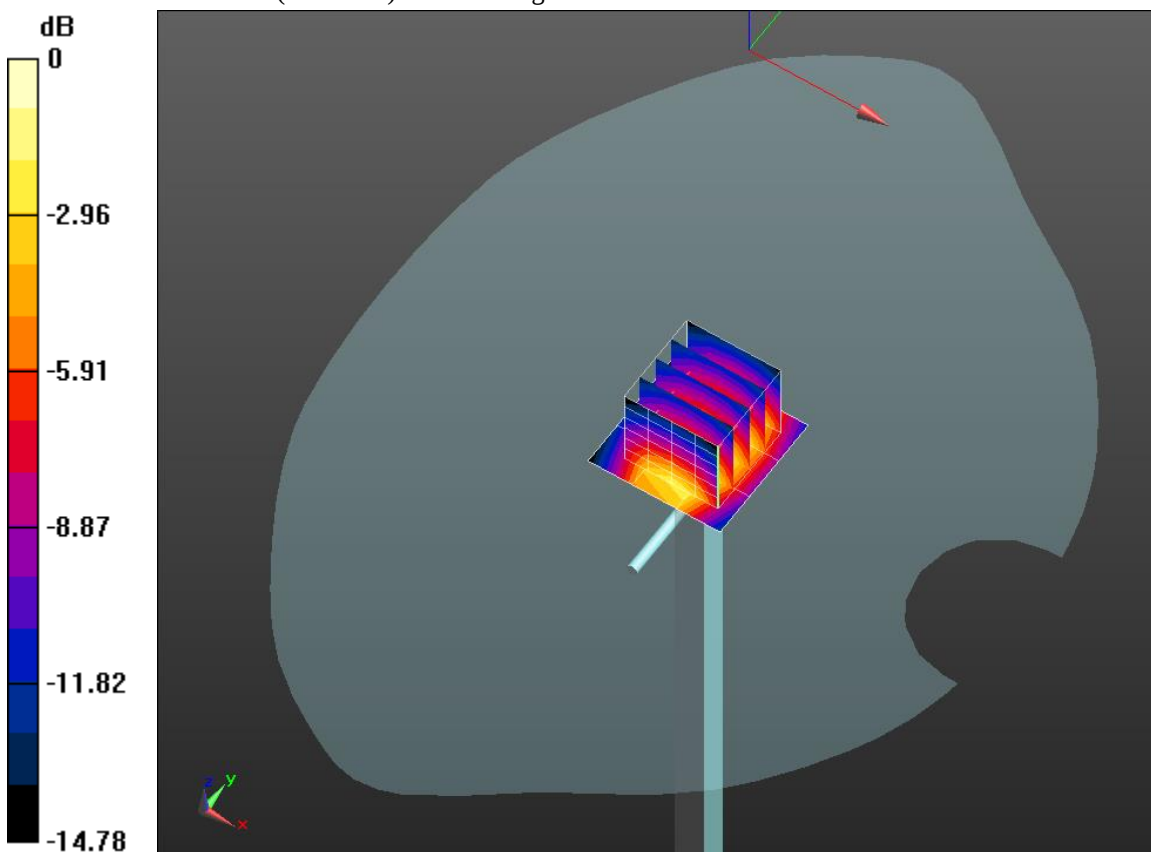
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 182.7 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 66.261 mW/g

SAR(1 g) = 38.7 mW/g; SAR(10 g) = 20.5 mW/g

Maximum value of SAR (measured) = 48.6 mW/g



0 dB = 37.3 mW/g = 31.43 dB mW/g