

SAR Test Plots

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: GSM 850_10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.923$ mho/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.53, 9.53, 9.53); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-03; Ambient Temp: 21.6; Tissue Temp: 22.0

Left Touch, GSM850 GPRS 2 Tx Ch. 190, Ant Internal, Standard Battery

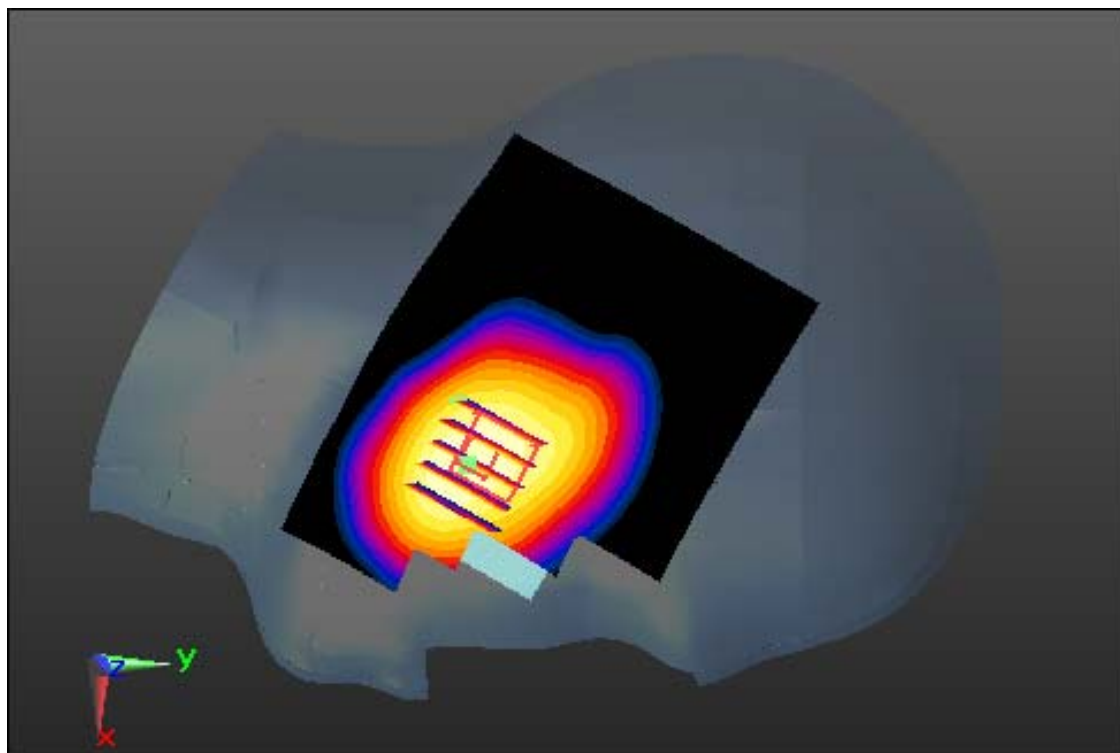
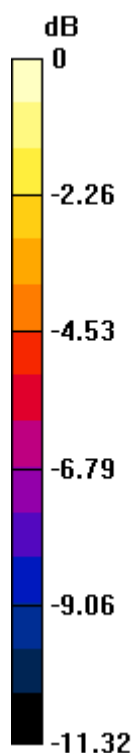
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.477 W/kg



0 dB = 0.779 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: GSM 850_10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.923$ mho/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

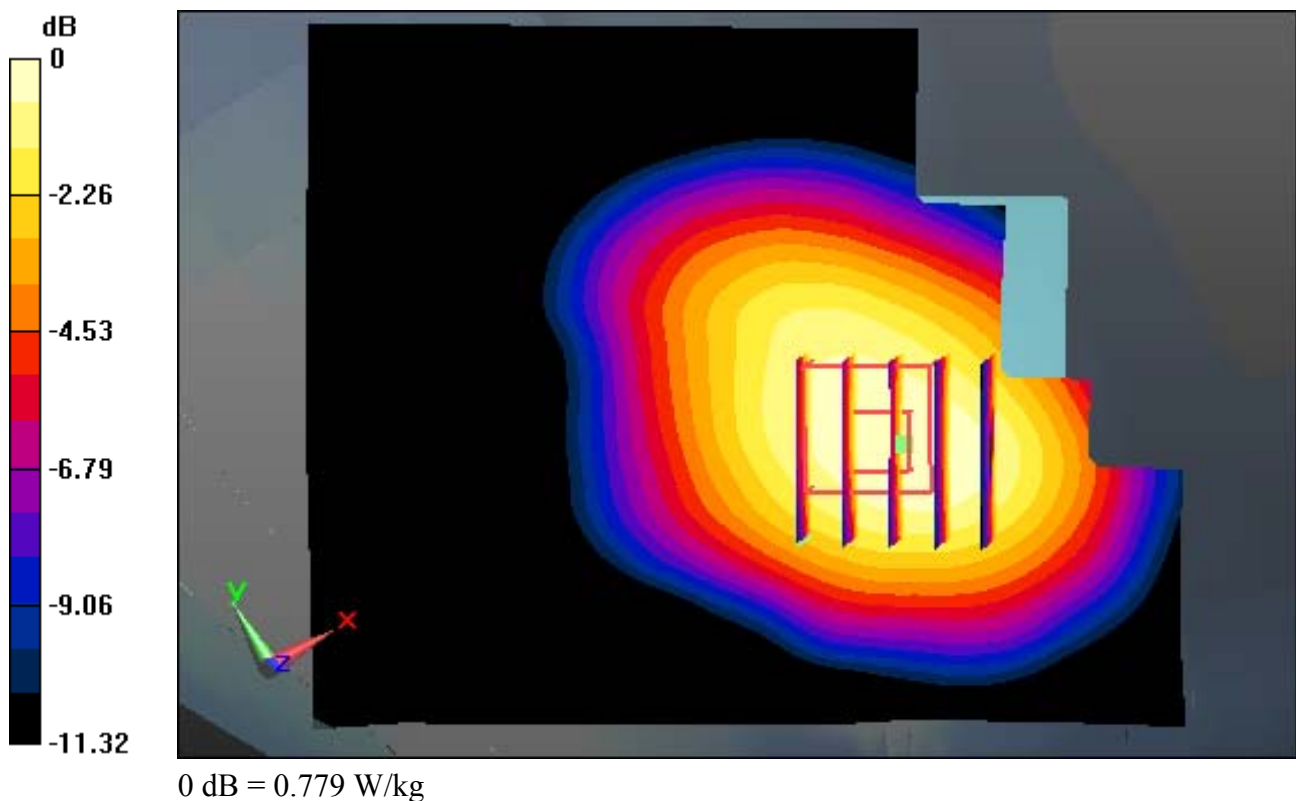
Probe: EX3DV4 - SN3866; ConvF(9.53, 9.53, 9.53); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-03; Ambient Temp: 21.6; Tissue Temp: 22.0

Left Touch, GSM850 GPRS 2 Tx Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
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Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.53, 9.53, 9.53); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-03; Ambient Temp: 21.6; Tissue Temp: 22.0

Left Touch, GSM850 GPRS 2 Tx Ch. 190, Ant Internal, Standard Battery

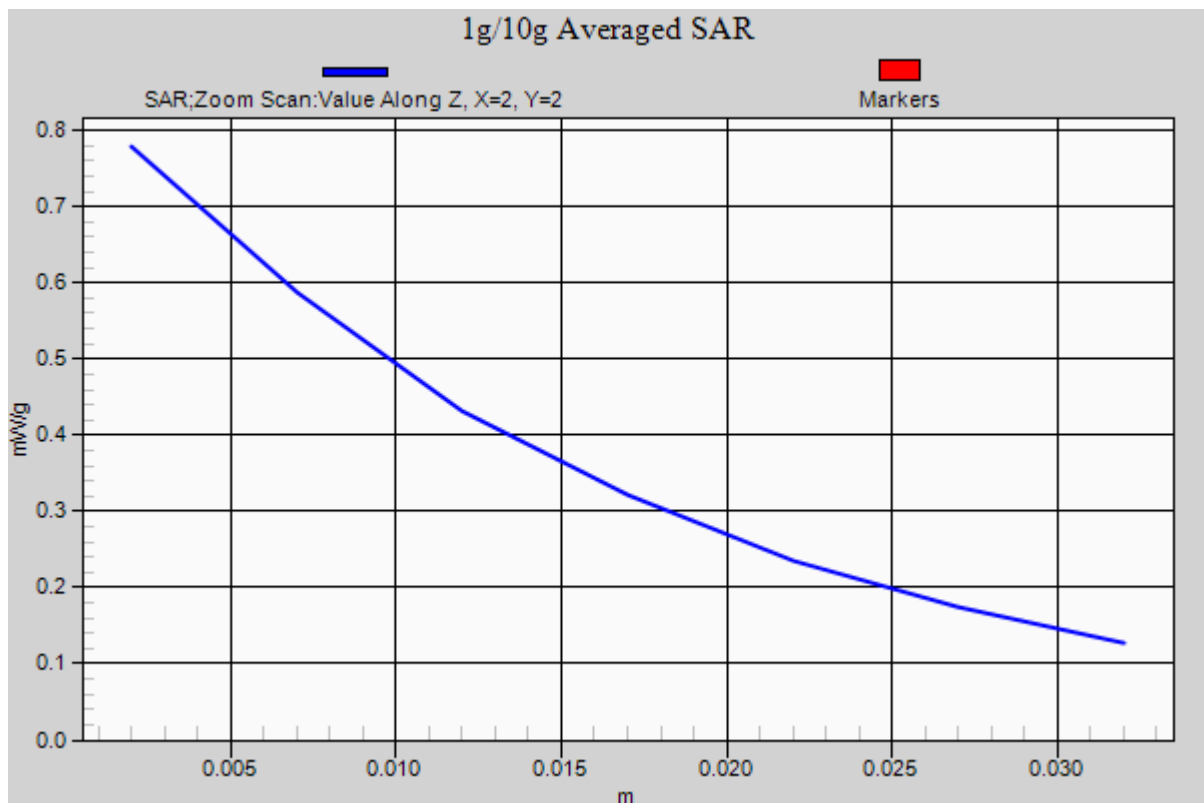
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.477 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.421$ mho/m; $\epsilon_r = 40.687$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-05; Ambient Temp: 21.7; Tissue Temp: 22.3

Left Touch, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal, Standard Battery

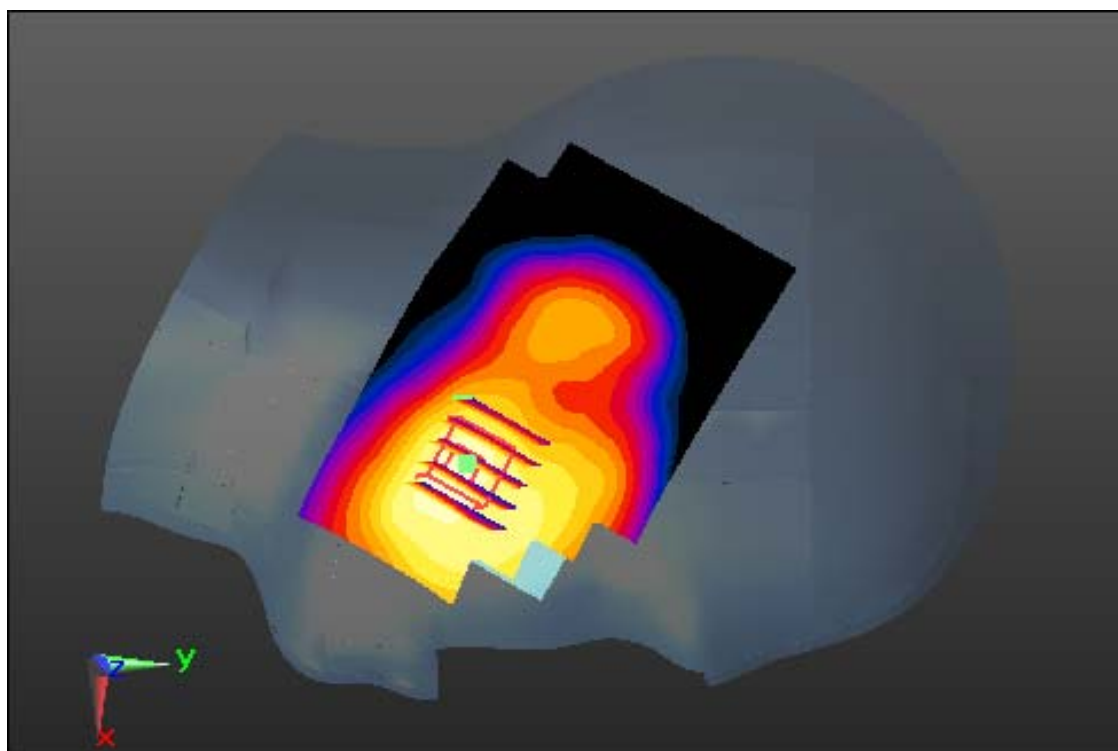
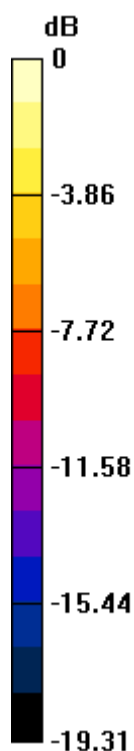
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.280 W/kg



0 dB = 0.633 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.421$ mho/m; $\epsilon_r = 40.687$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-05; Ambient Temp: 21.7; Tissue Temp: 22.3

Left Touch, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

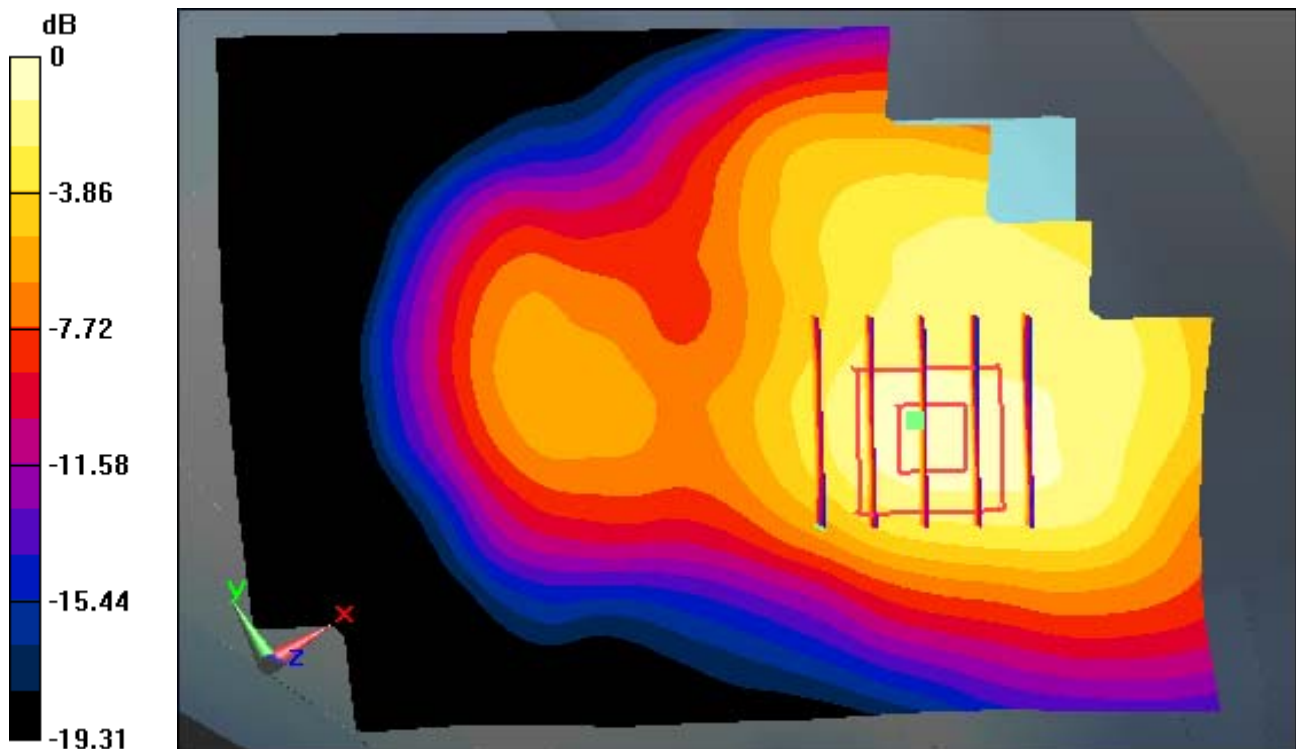
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

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Medium parameters used: $f = 1880$ MHz; $\sigma = 1.421$ mho/m; $\epsilon_r = 40.687$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-05; Ambient Temp: 21.7; Tissue Temp: 22.3

Left Touch, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal, Standard Battery

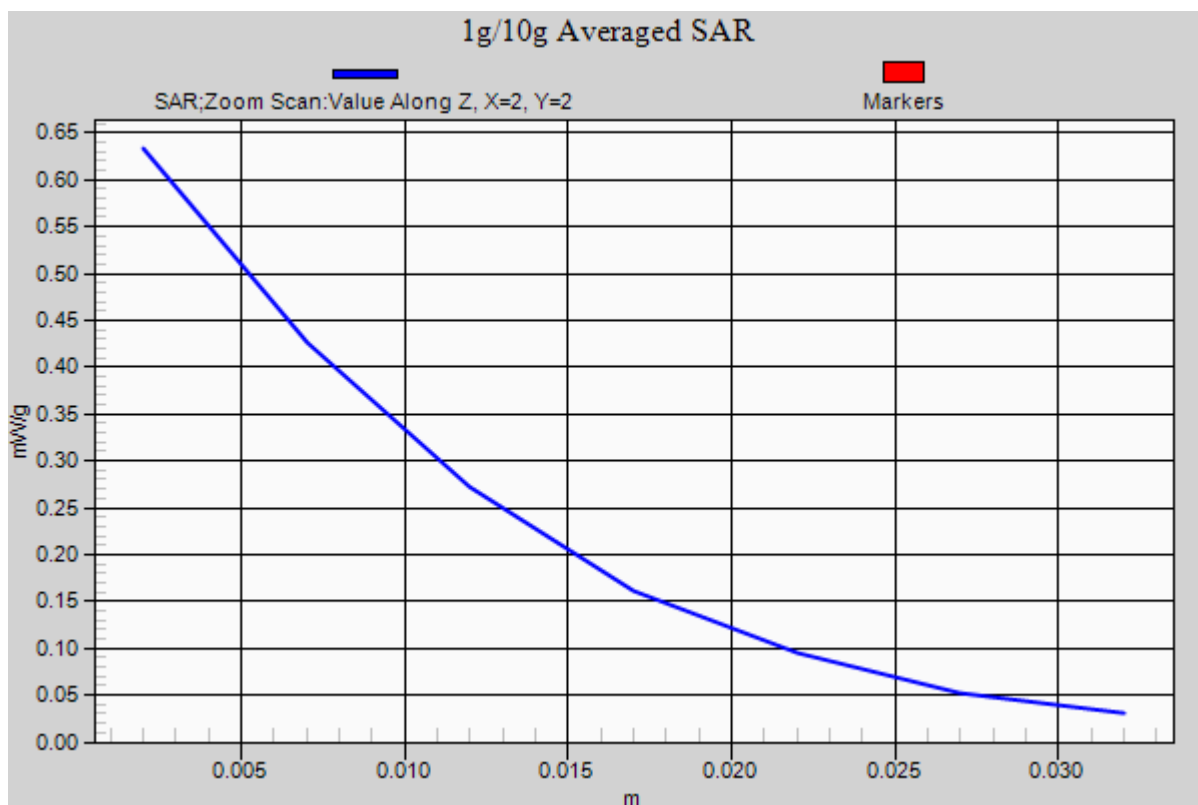
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

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SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.280 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 40.948$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.53, 9.53, 9.53); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-08; Ambient Temp: 21.8; Tissue Temp: 22.1

Left Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

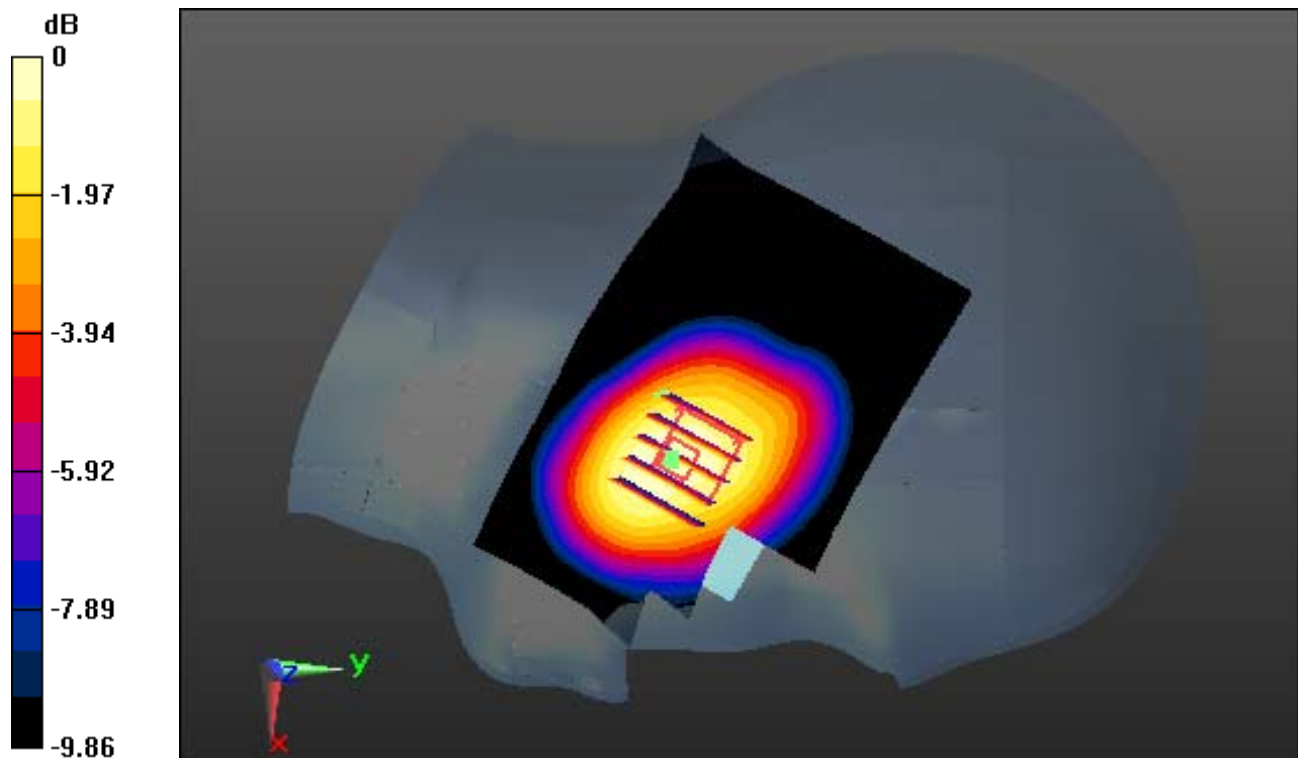
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.755 W/kg

SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.426 W/kg



0 dB = 0.671 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 40.948$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

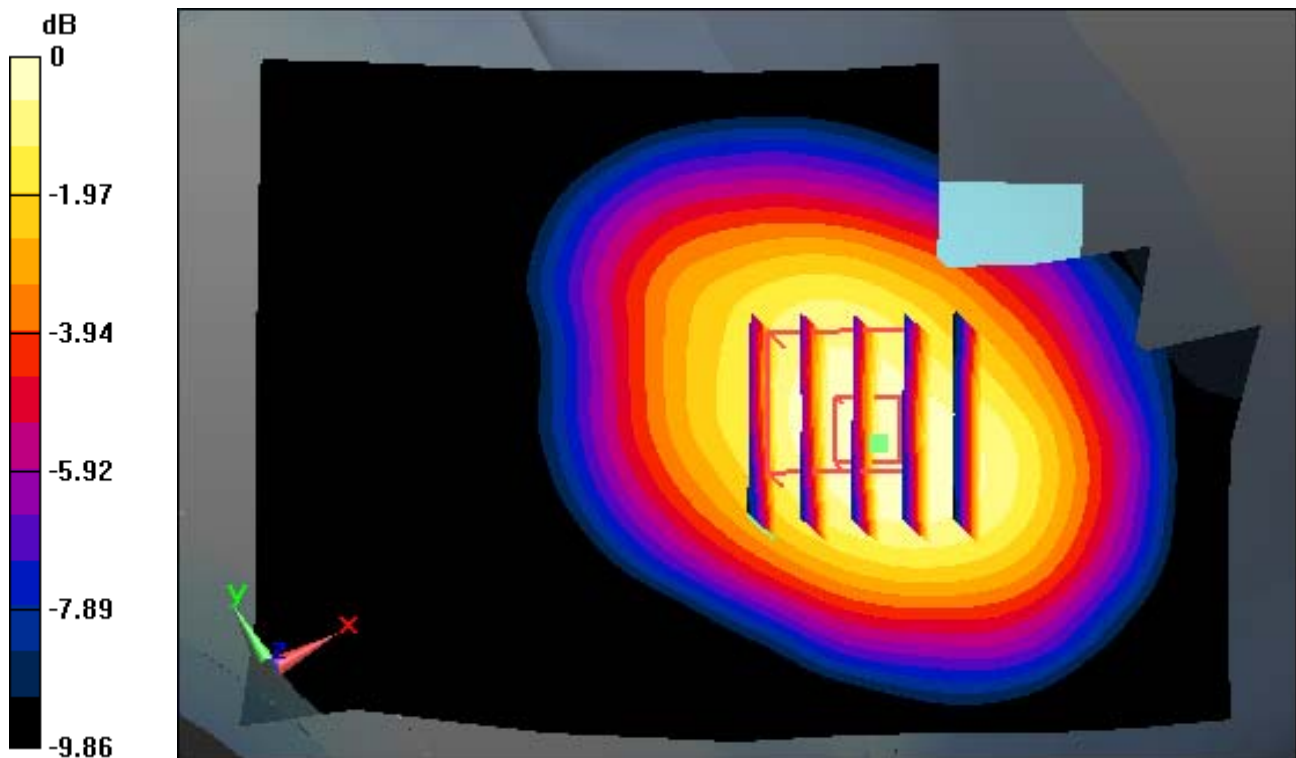
Probe: EX3DV4 - SN3866; ConvF(9.53, 9.53, 9.53); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-08; Ambient Temp: 21.8; Tissue Temp: 22.1

Left Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
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DIGITAL EMC CO., LTD

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Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 40.948$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.53, 9.53, 9.53); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-08; Ambient Temp: 21.8; Tissue Temp: 22.1

Left Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

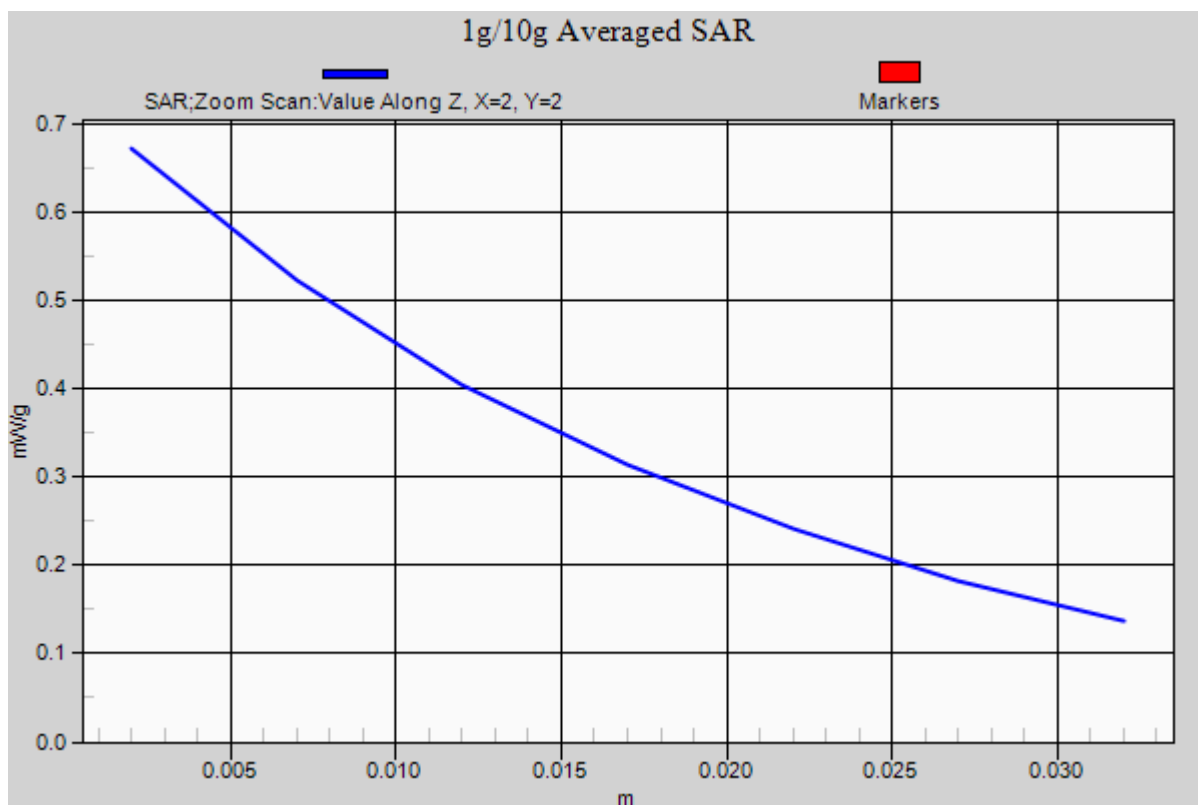
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.755 W/kg

SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.426 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r = 40.572$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-07; Ambient Temp: 22.1; Tissue Temp: 22.4

Left Touch, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

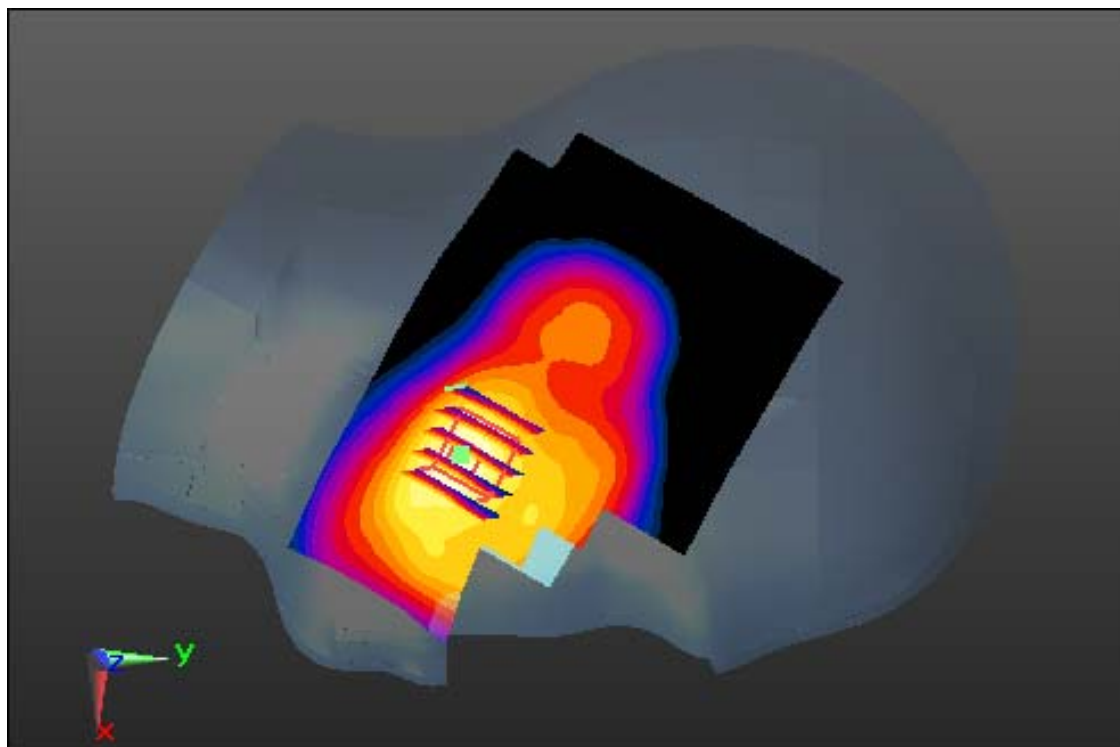
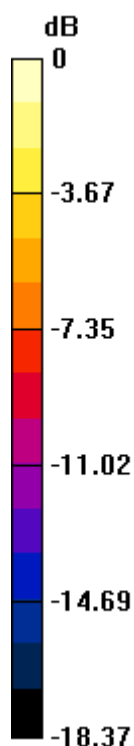
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.437 W/kg

SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.501 W/kg



0 dB = 1.18 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r = 40.572$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

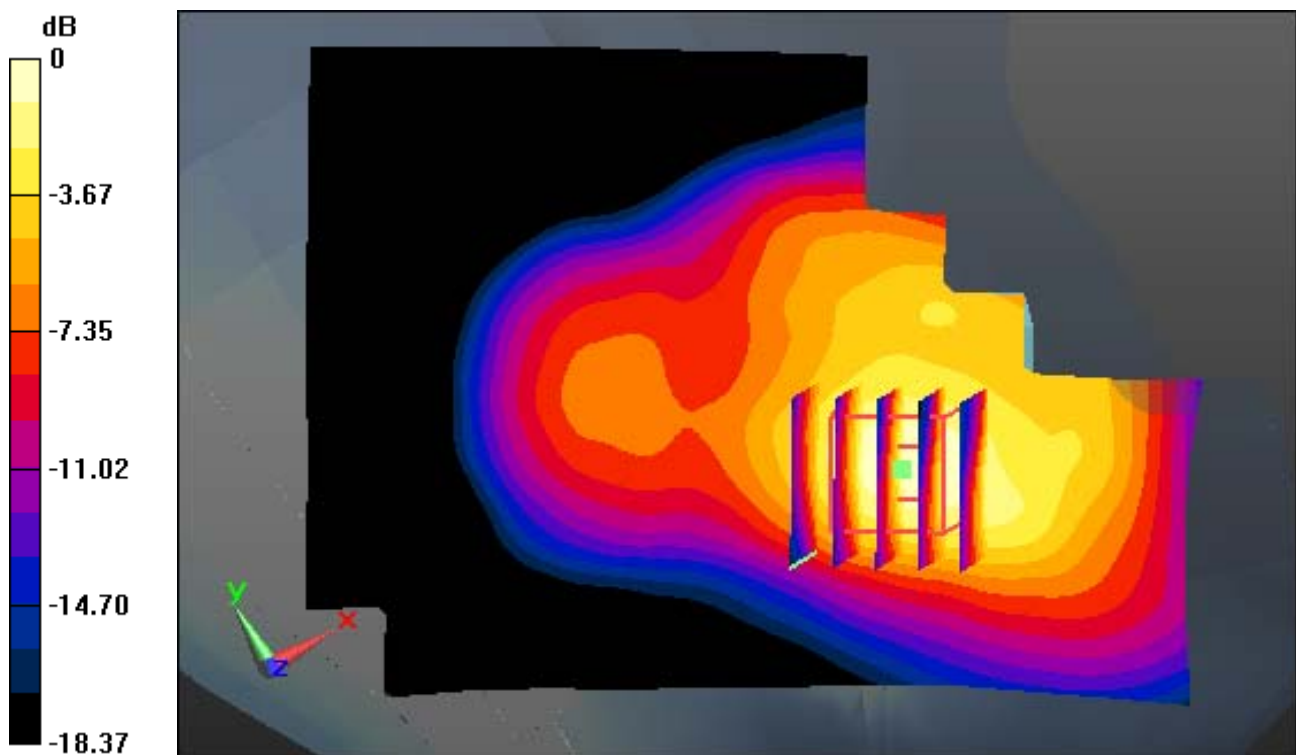
Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-07; Ambient Temp: 22.1; Tissue Temp: 22.4

Left Touch, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.437 W/kg
SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.501 W/kg



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DUT: LG-D160g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r = 40.572$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-07; Ambient Temp: 22.1; Tissue Temp: 22.4

Left Touch, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

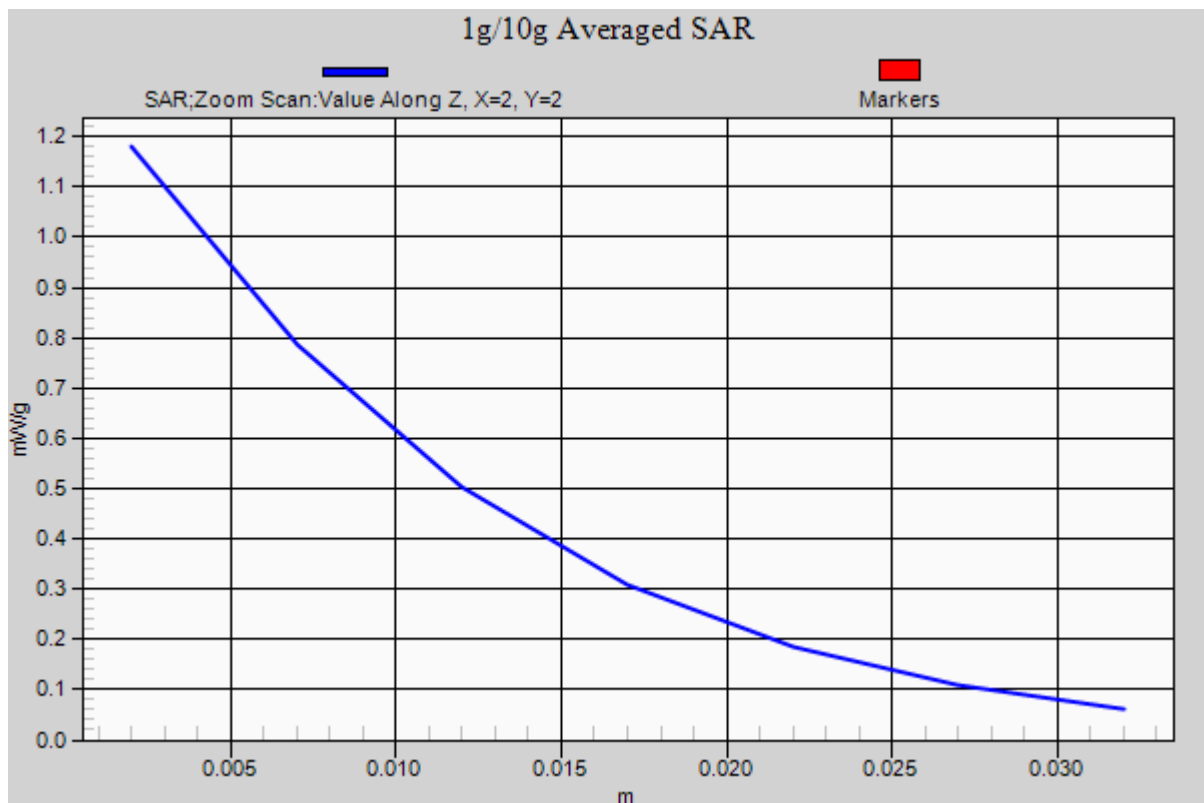
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.19 dB

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SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.501 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.778$ mho/m; $\epsilon_r = 37.923$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.04, 7.04, 7.04); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-10; Ambient Temp: 22.0; Tissue Temp: 22.3

Right Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

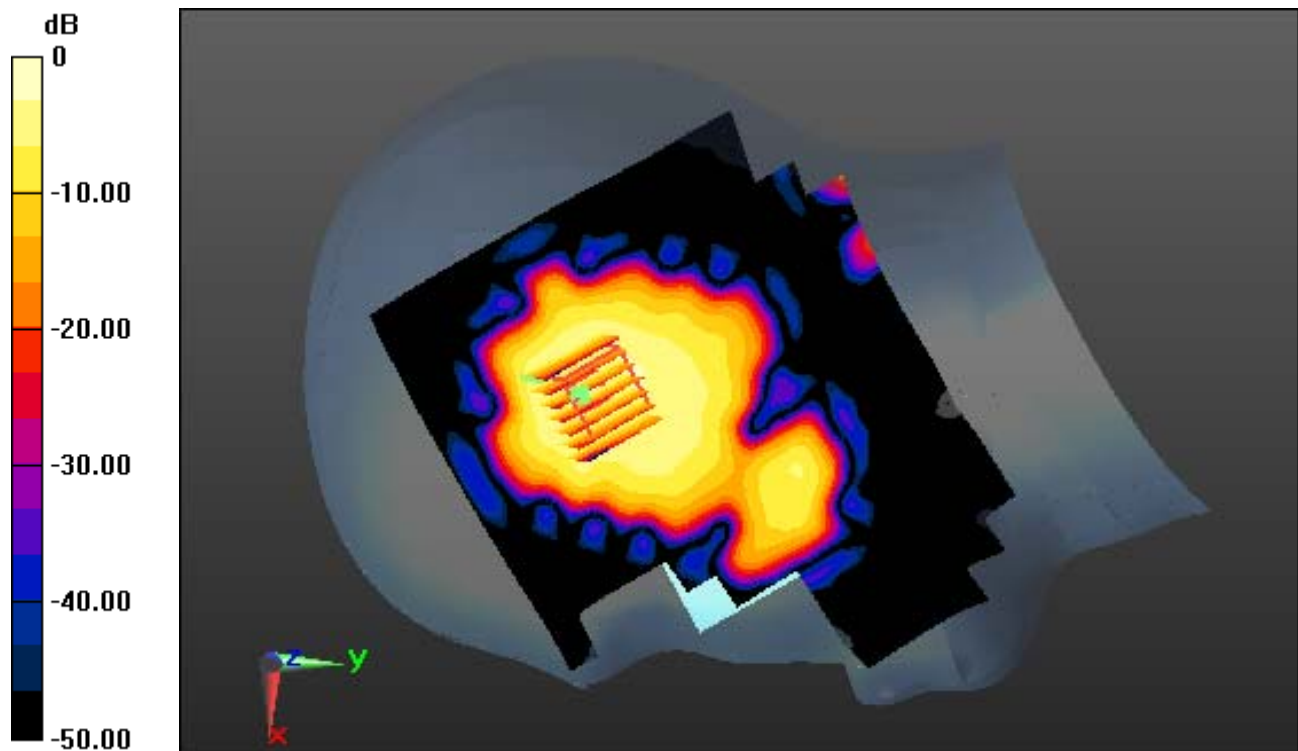
Area Scan (131x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.071 W/kg



0 dB = 0.243 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.778$ mho/m; $\epsilon_r = 37.923$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

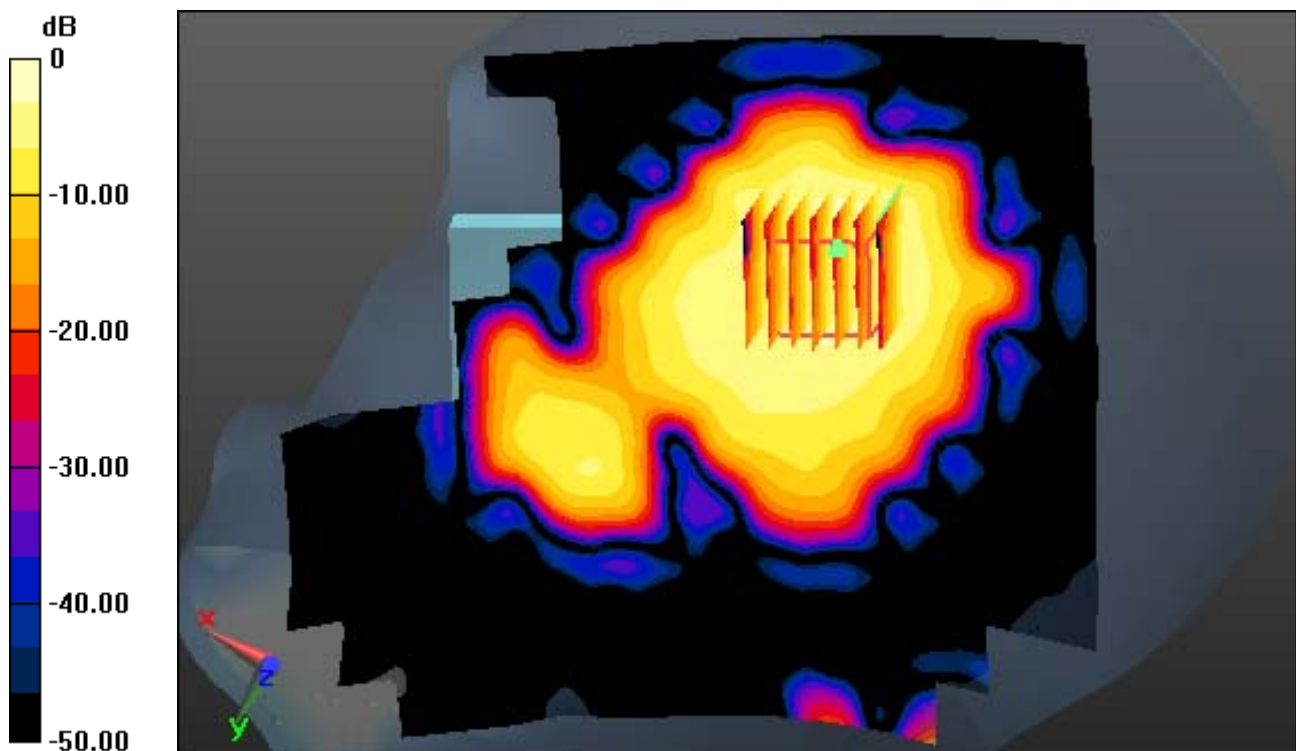
Probe: EX3DV4 - SN3866; ConvF(7.04, 7.04, 7.04); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-10; Ambient Temp: 22.0; Tissue Temp: 22.3

Right Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (131x161x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.357 W/kg
SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.071 W/kg



0 dB = 0.243 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.778$ mho/m; $\epsilon_r = 37.923$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.04, 7.04, 7.04); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-10; Ambient Temp: 22.0; Tissue Temp: 22.3

Right Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

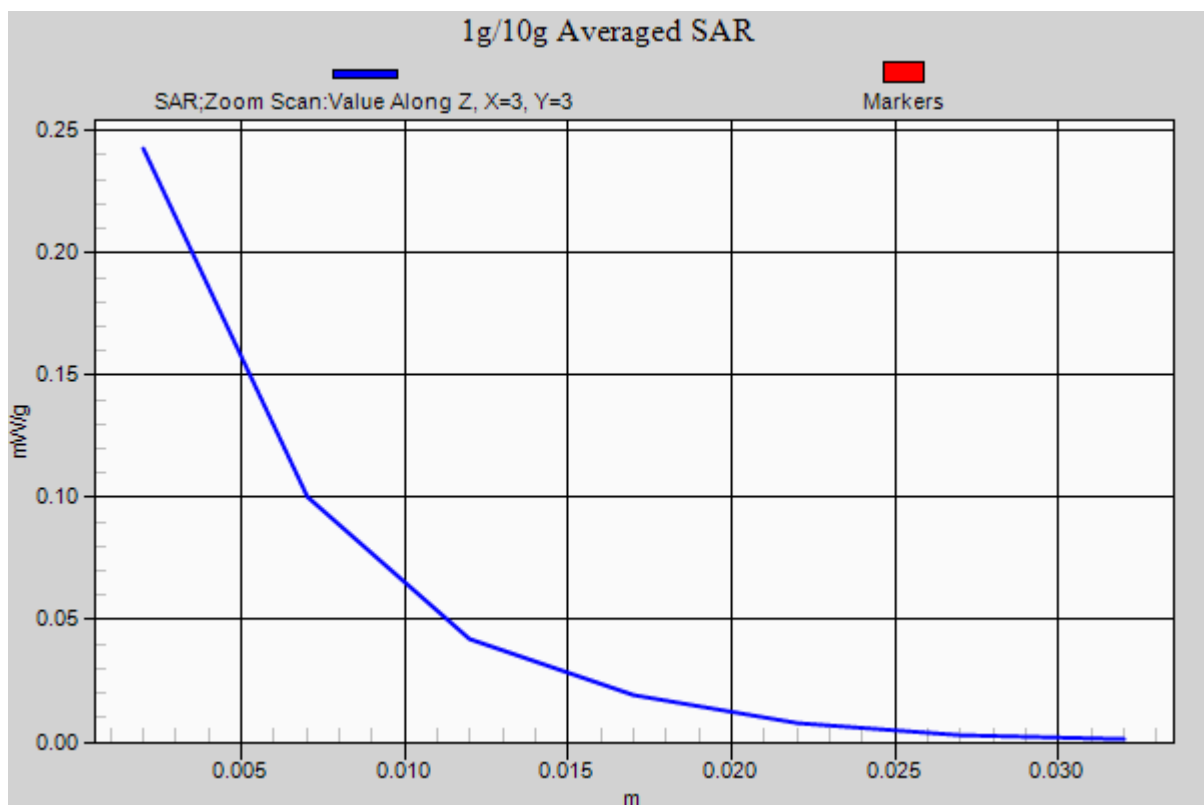
Area Scan (131x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.071 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.488$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.57, 9.57, 9.57); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-04; Ambient Temp: 21.9; Tissue Temp: 22.2

1 cm space from Body, Rear, GSM850 Ch. 190, Ant Internal

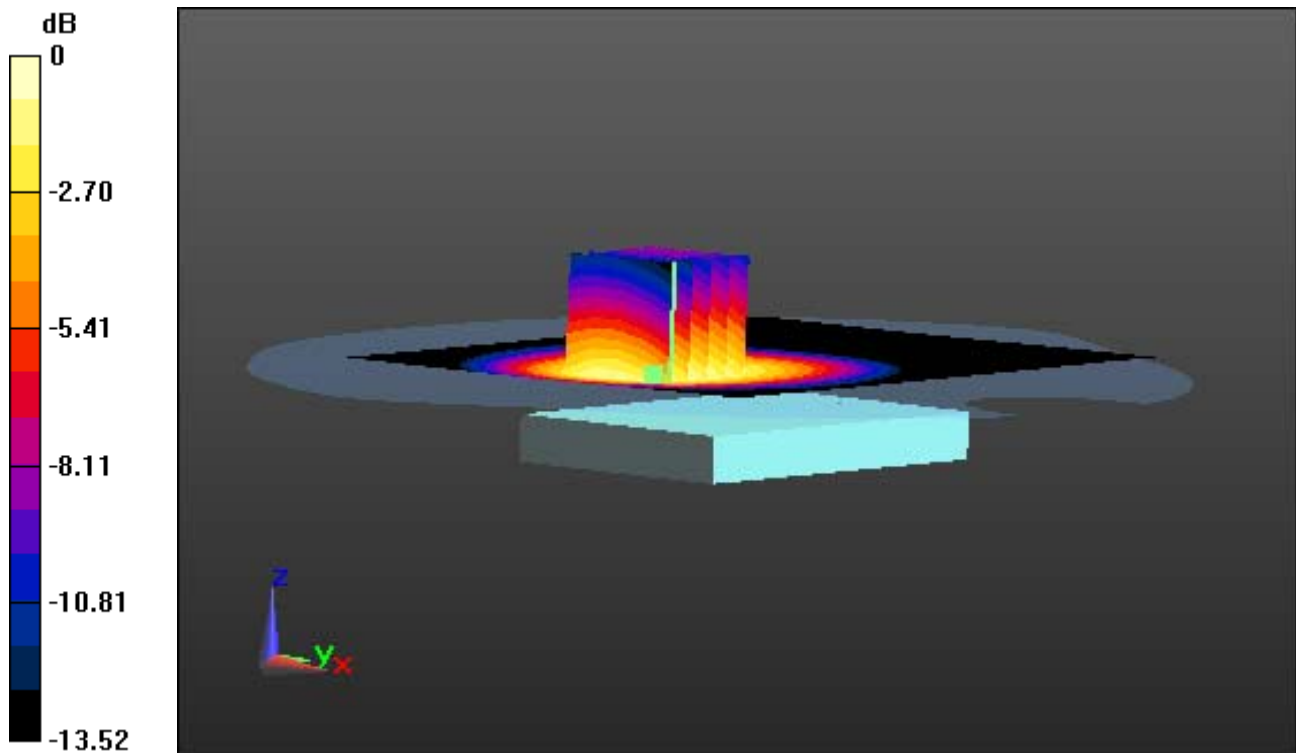
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.962 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.485 W/kg



0 dB = 0.831 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.488$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.57, 9.57, 9.57); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-04; Ambient Temp: 21.9; Tissue Temp: 22.2

1 cm space from Body, Rear, GSM850 Ch. 190, Ant Internal

With Enlarge plot image

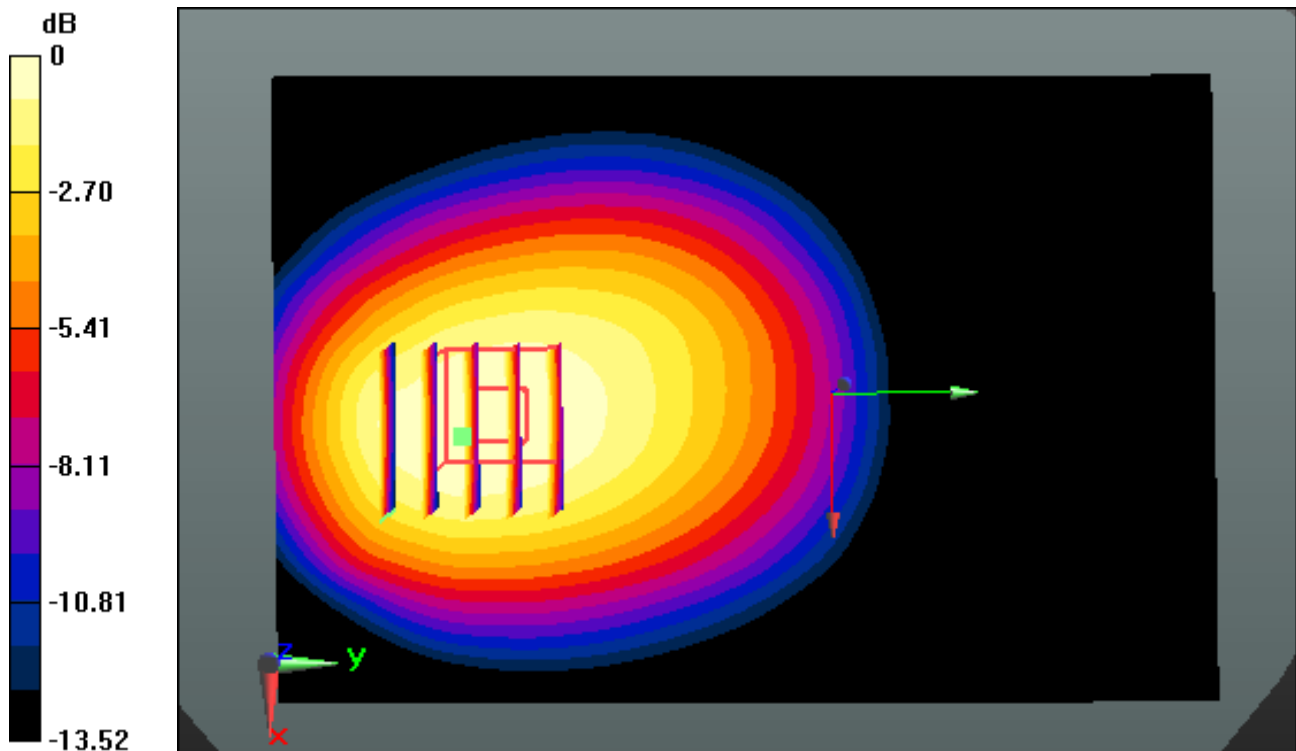
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.962 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.485 W/kg



0 dB = 0.831 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.985 \text{ mho/m}$; $\epsilon_r = 55.488$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.57, 9.57, 9.57); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-04; Ambient Temp: 21.9; Tissue Temp: 22.2

1 cm space from Body, Rear, GSM850 Ch. 190, Ant Internal

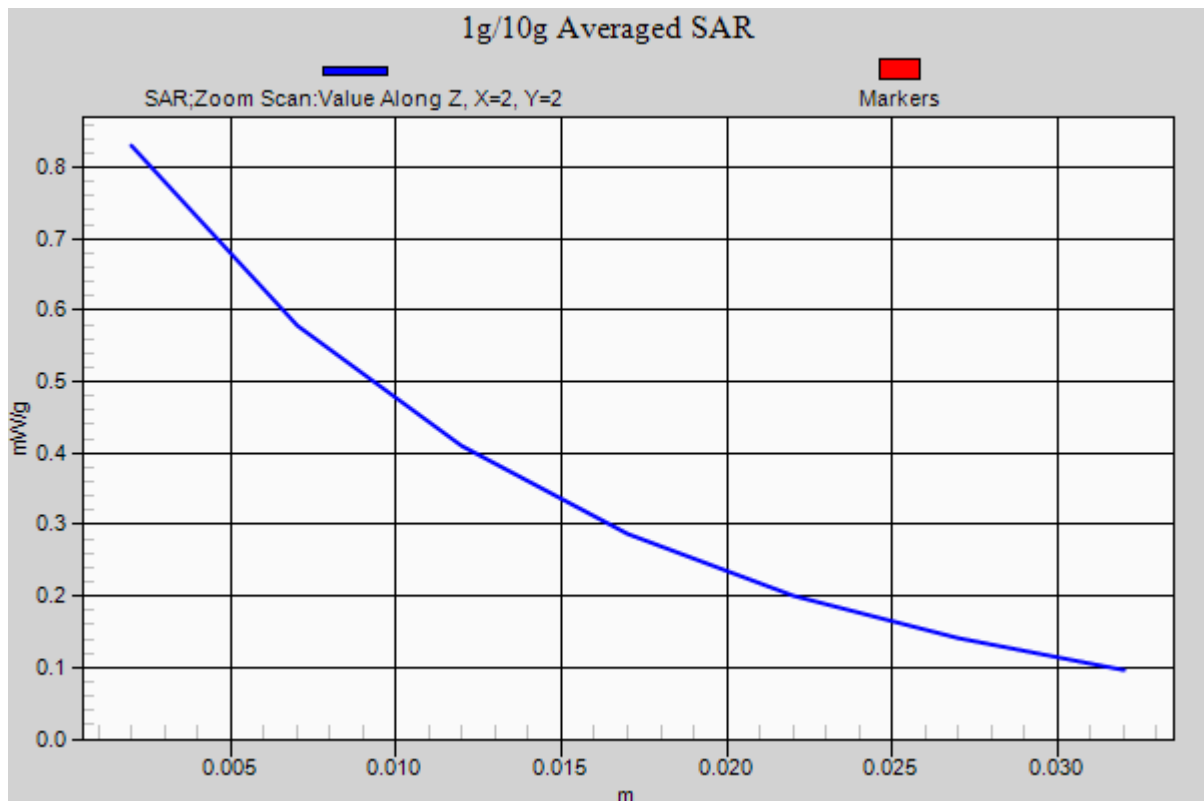
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.962 mW/g

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.485 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.57, 9.57, 9.57); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-04; Ambient Temp: 21.9; Tissue Temp: 22.2

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 251, Ant Internal

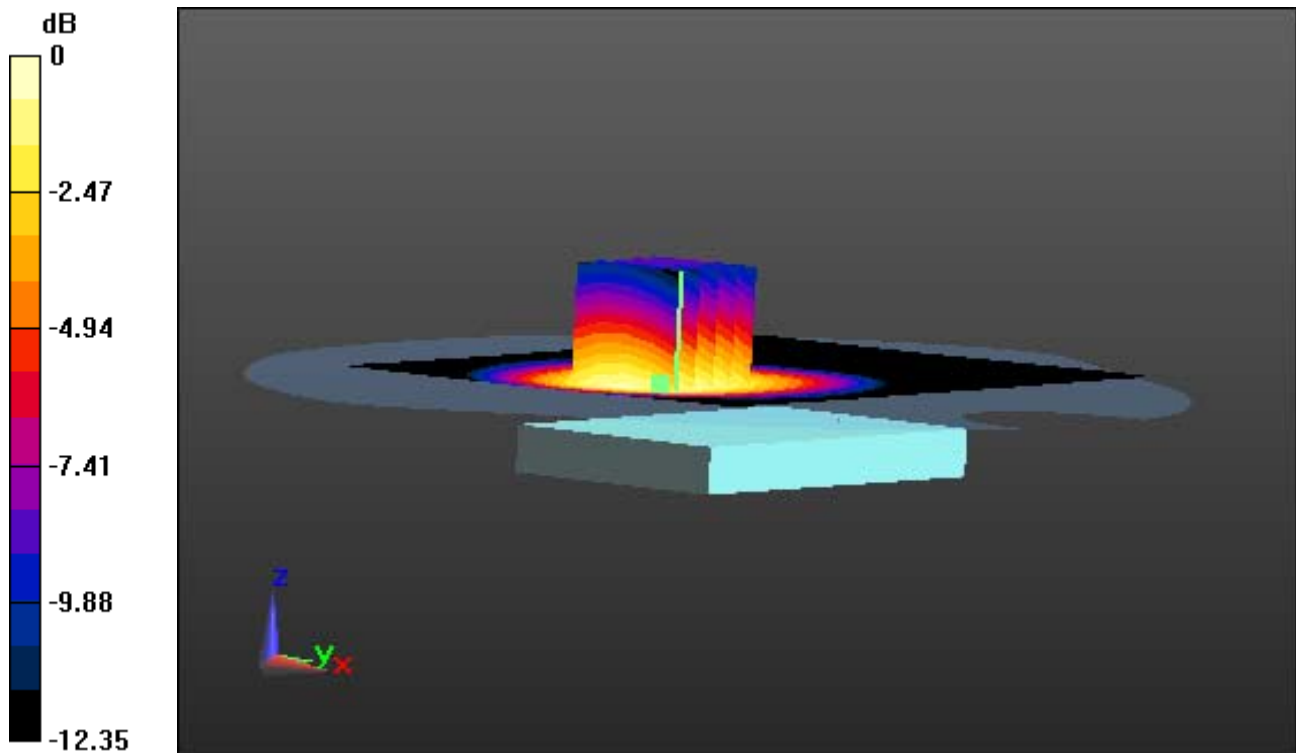
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.361 W/kg

SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.692 W/kg



0 dB = 1.20 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.57, 9.57, 9.57); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-04; Ambient Temp: 21.9; Tissue Temp: 22.2

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 251, Ant Internal

With Enlarge plot image

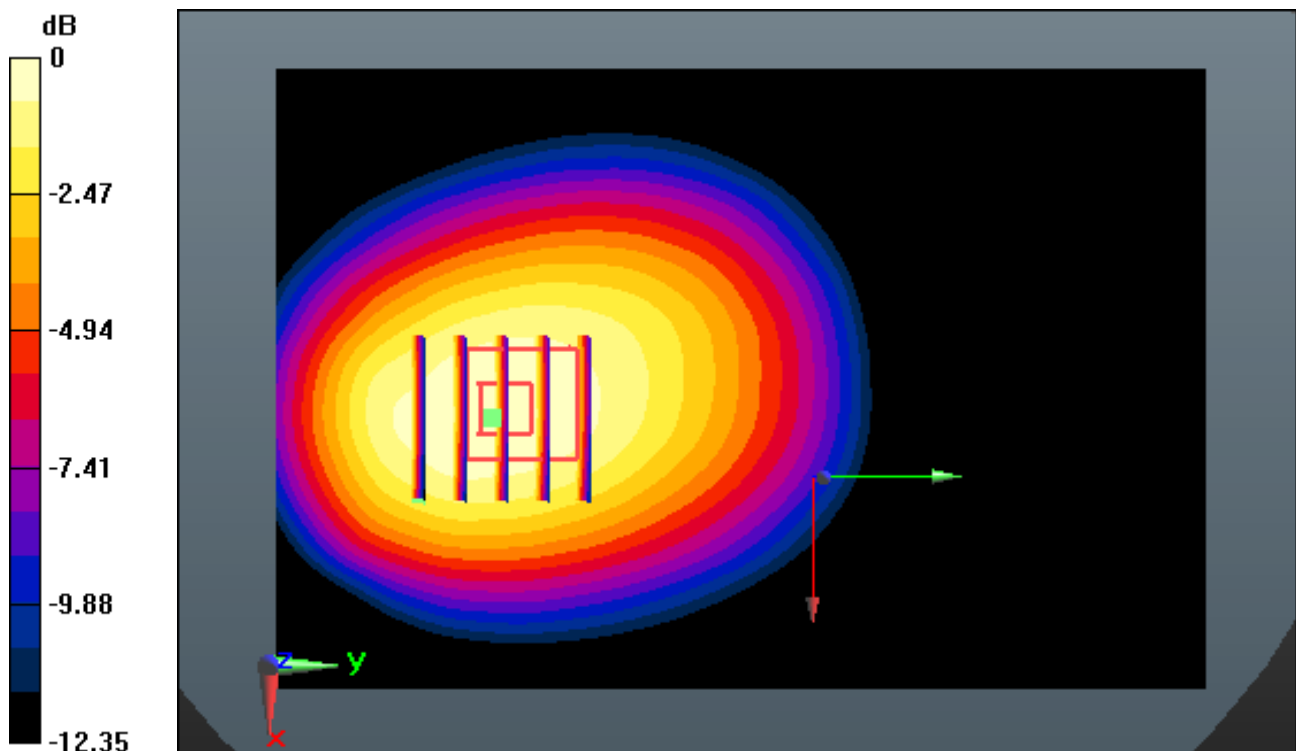
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.361 W/kg

SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.692 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.57, 9.57, 9.57); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-04; Ambient Temp: 21.9; Tissue Temp: 22.2

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 251, Ant Internal

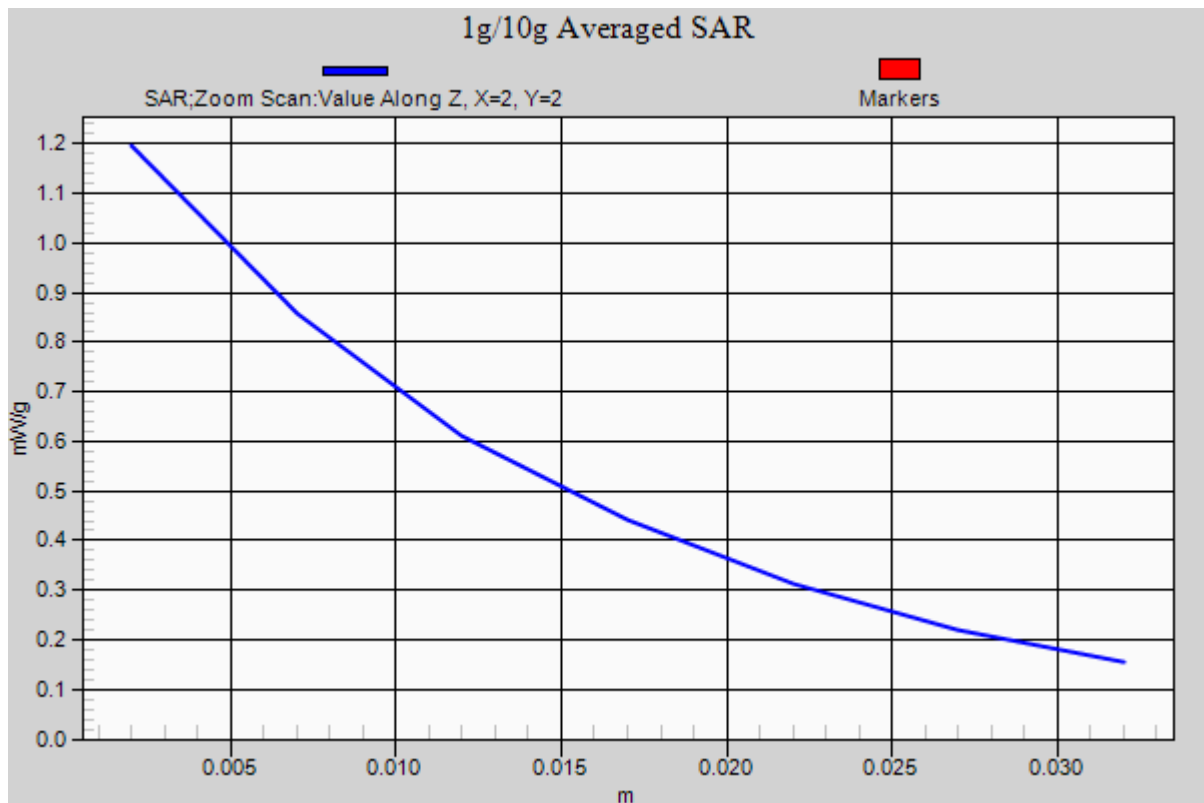
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.361 W/kg

SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.692 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r = 51.641$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.45, 7.45, 7.45); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-06; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 Ch. 810, Ant Internal

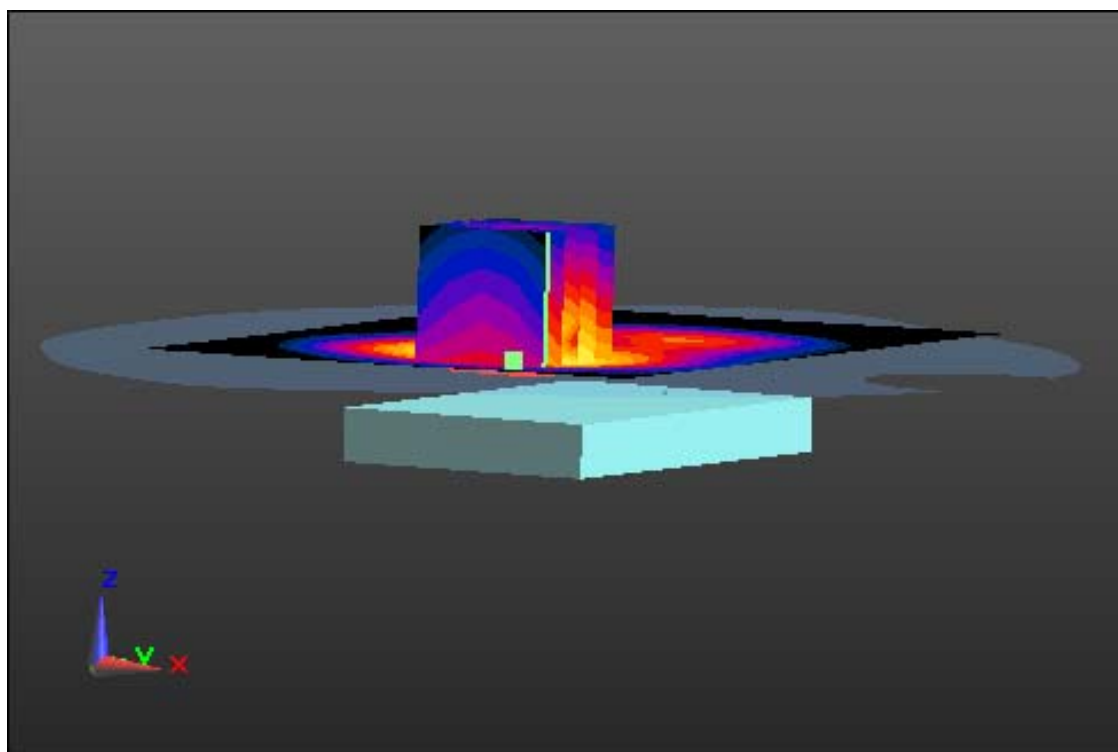
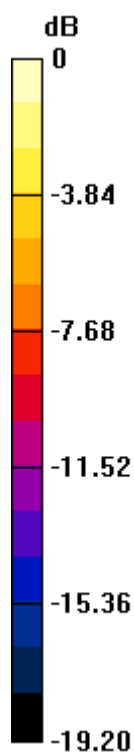
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.525 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.450 W/kg



0 dB = 1.19 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r = 51.641$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.45, 7.45, 7.45); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-06; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 Ch. 810, Ant Internal

With Enlarge plot image

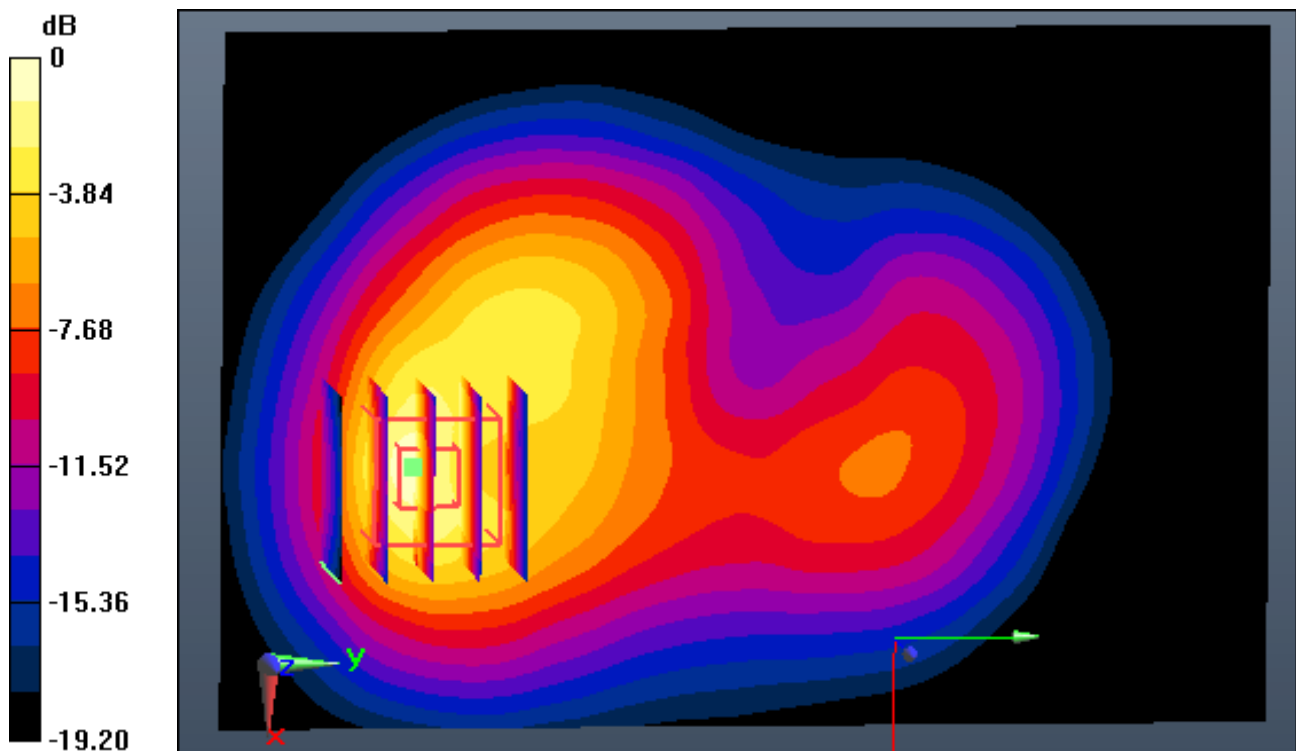
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.525 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.450 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r = 51.641$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.45, 7.45, 7.45); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-06; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 Ch. 810, Ant Internal

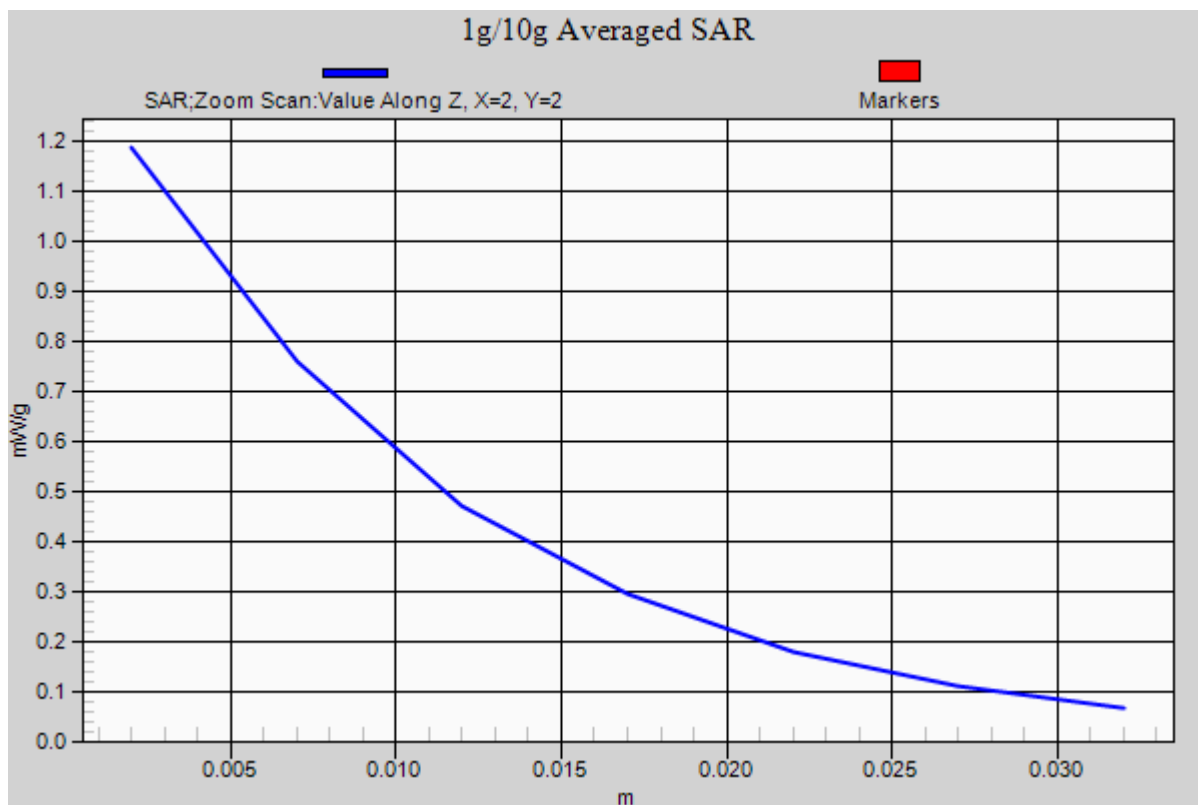
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.525 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.450 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r = 51.641$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.45, 7.45, 7.45); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-06; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 810, Ant Internal

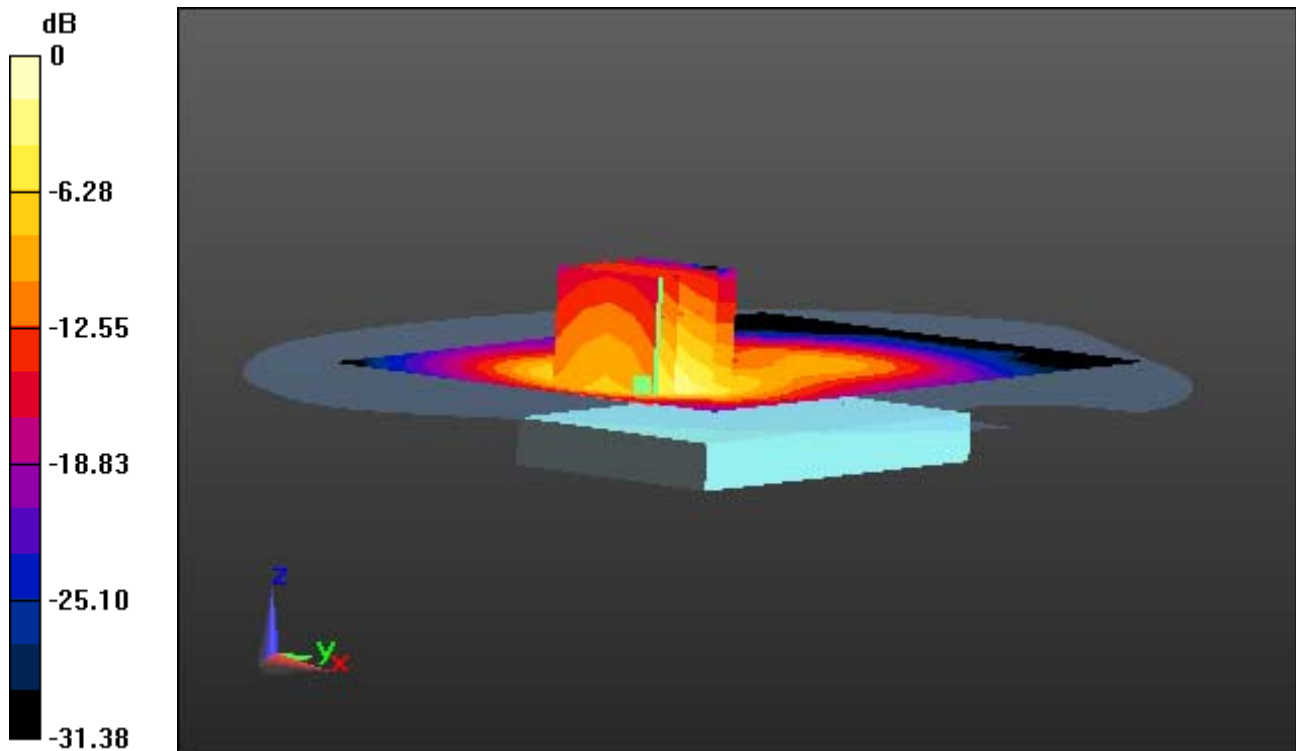
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.006 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.563 W/kg



0 dB = 1.67 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r = 51.641$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.45, 7.45, 7.45); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-06; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 810, Ant Internal

With Enlarge plot image

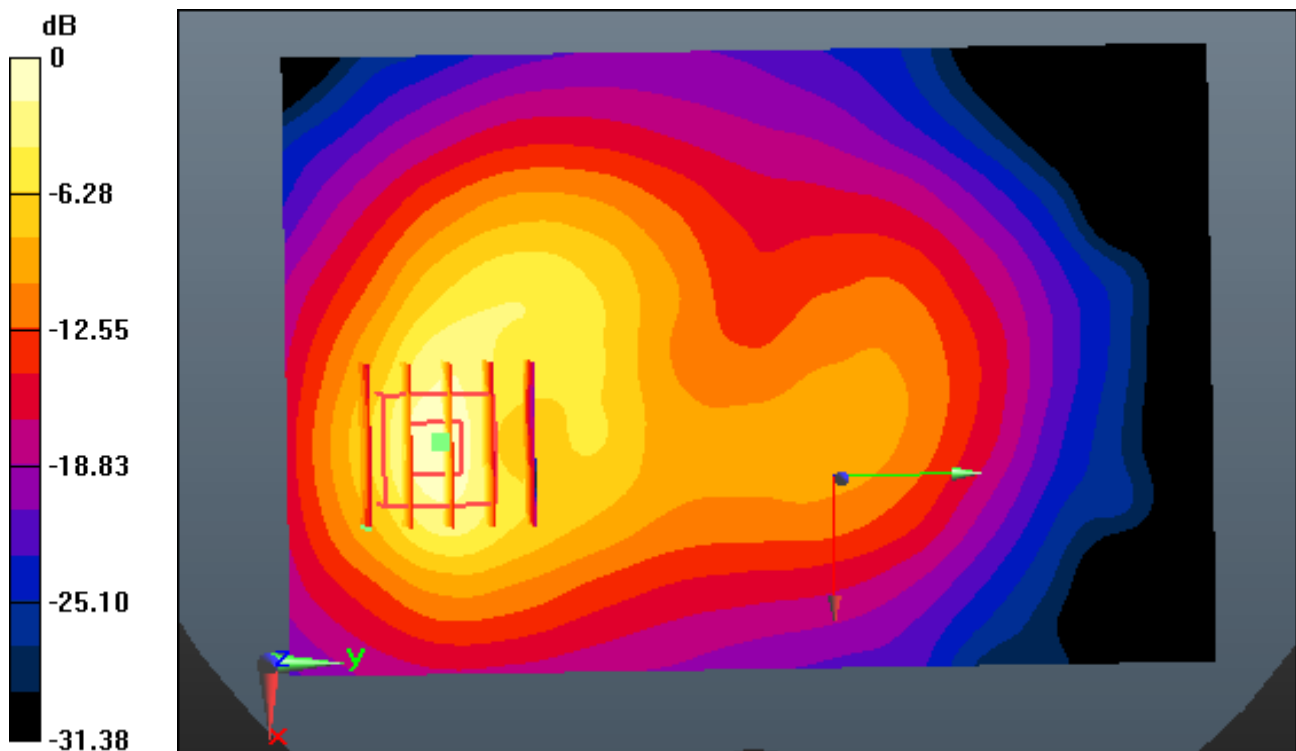
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.006 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.563 W/kg



0 dB = 1.67 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r = 51.641$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.45, 7.45, 7.45); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-06; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 810, Ant Internal

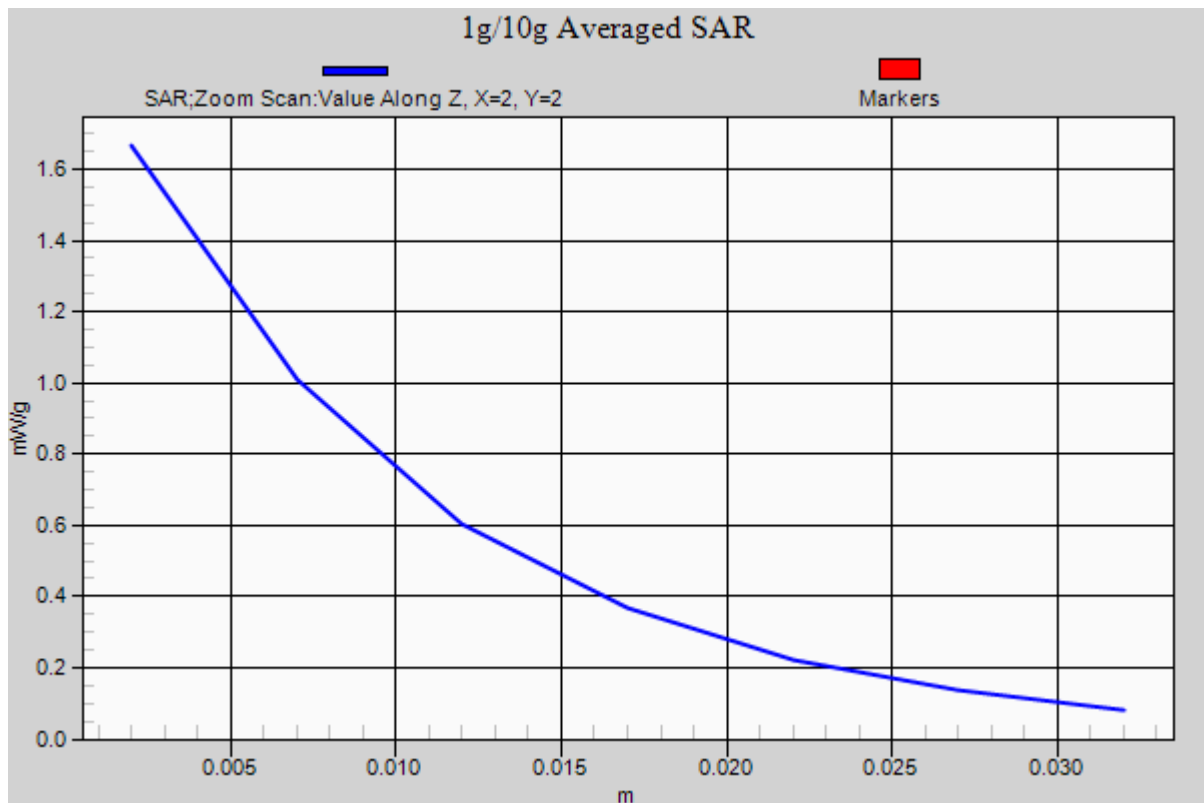
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.006 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.563 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 55.536$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.57, 9.57, 9.57); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-08; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

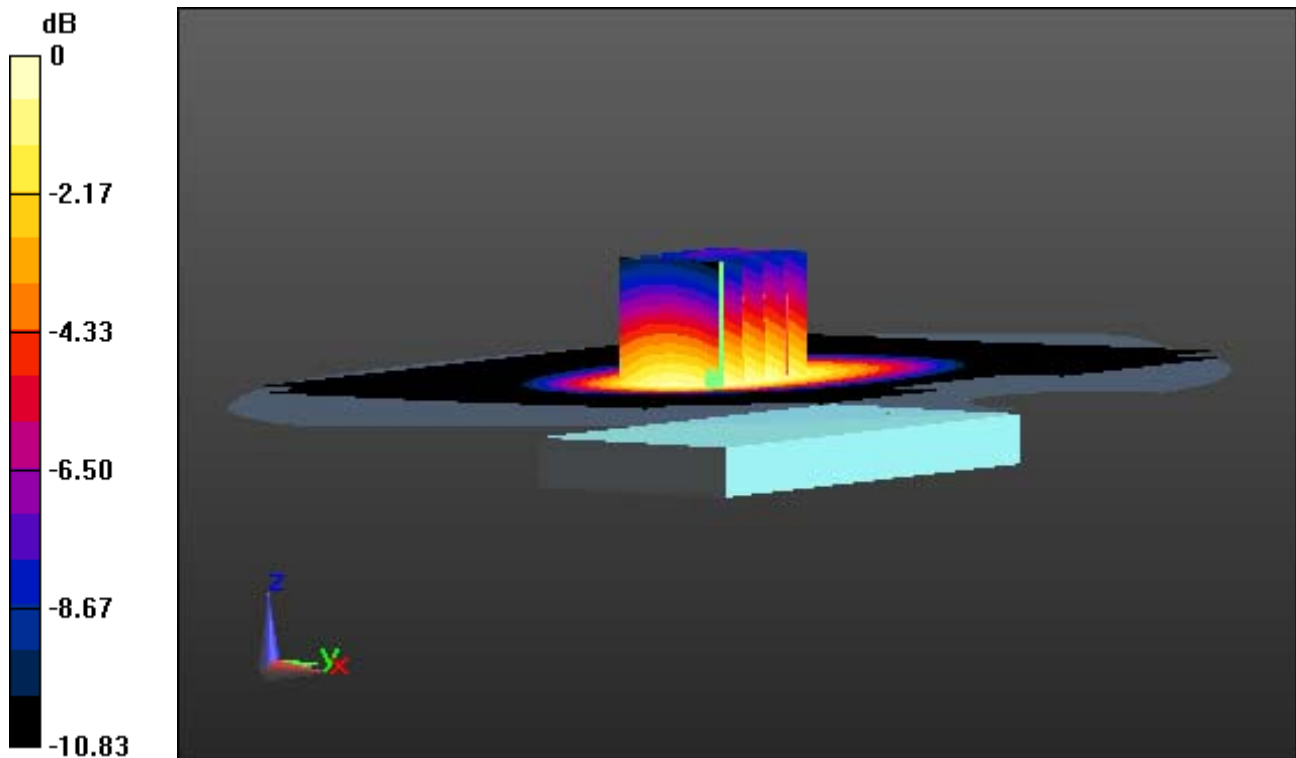
Area Scan (111x131x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.772 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.417 W/kg



0 dB = 0.685 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 55.536$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.57, 9.57, 9.57); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-08; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

With Enlarge plot image

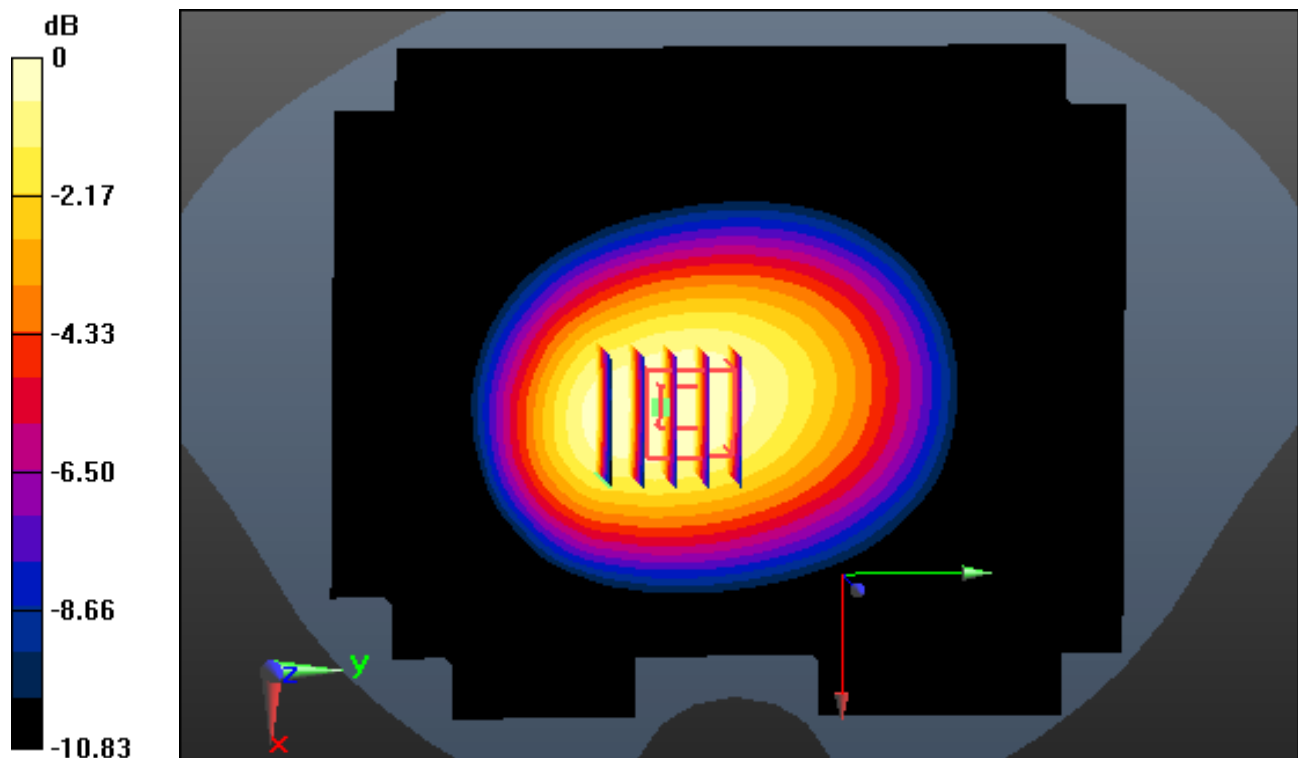
Area Scan (111x131x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.772 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.417 W/kg



0 dB = 0.685 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 55.536$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.57, 9.57, 9.57); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-08; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

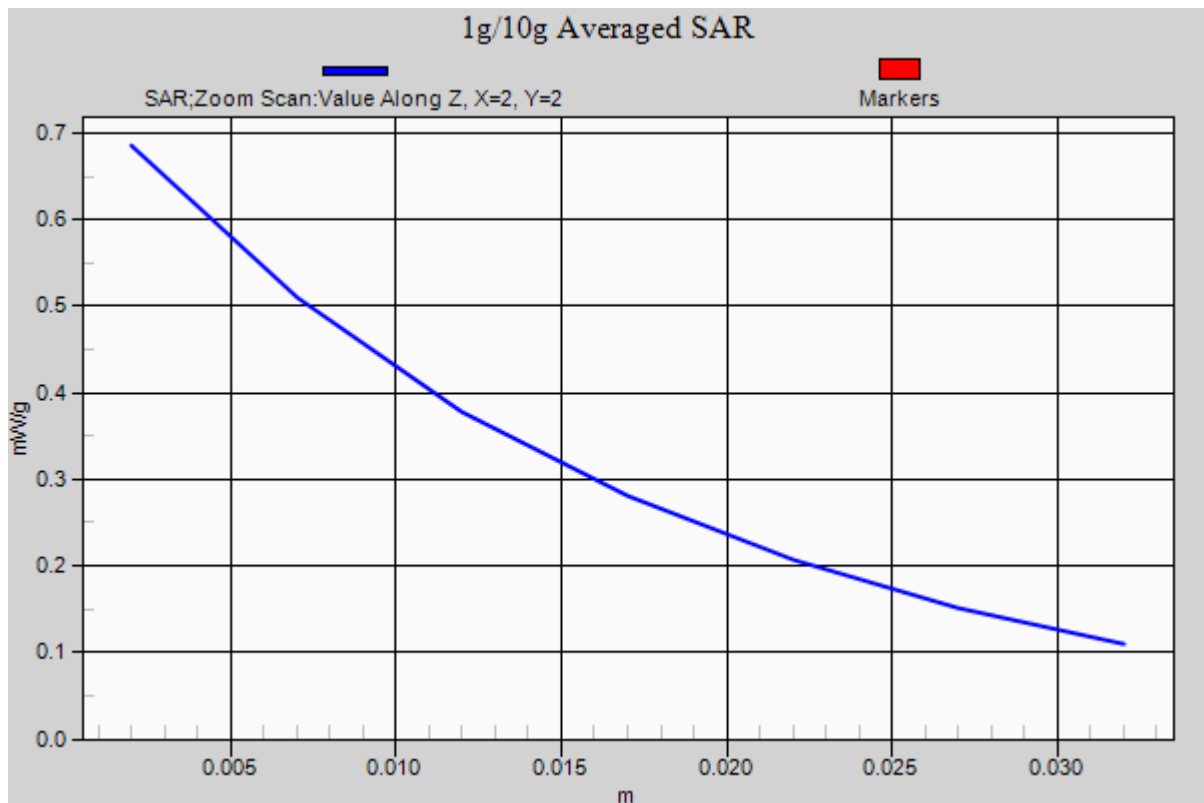
Area Scan (111x131x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.772 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.417 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.473$ mho/m; $\epsilon_r = 51.687$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.45, 7.45, 7.45); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-07; Ambient Temp: 22.1; Tissue Temp: 22.4

1 cm space from Body, Rear, WCDMA1900 Ch.9262, Ant Internal

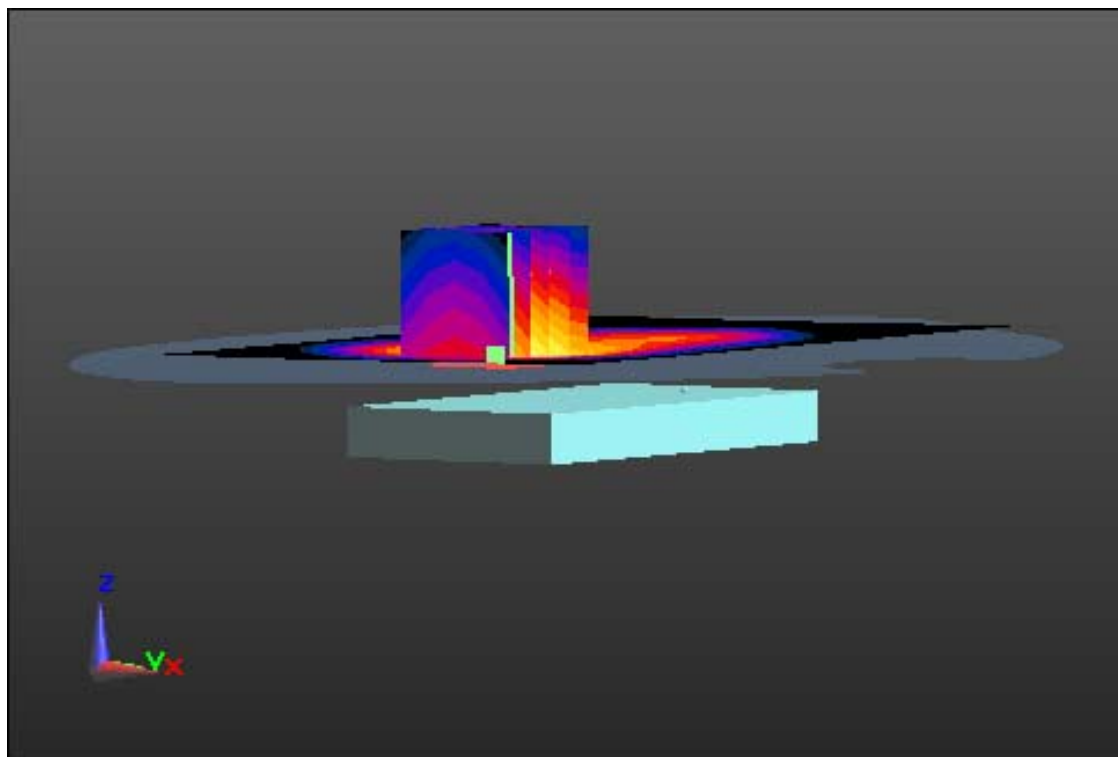
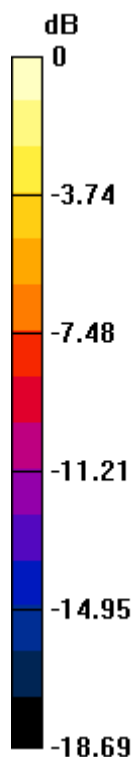
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.806 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.553 W/kg



0 dB = 1.49 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.473$ mho/m; $\epsilon_r = 51.687$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.45, 7.45, 7.45); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-07; Ambient Temp: 22.1; Tissue Temp: 22.4

1 cm space from Body, Rear, WCDMA1900 Ch.9262, Ant Internal

With Enlarge plot image

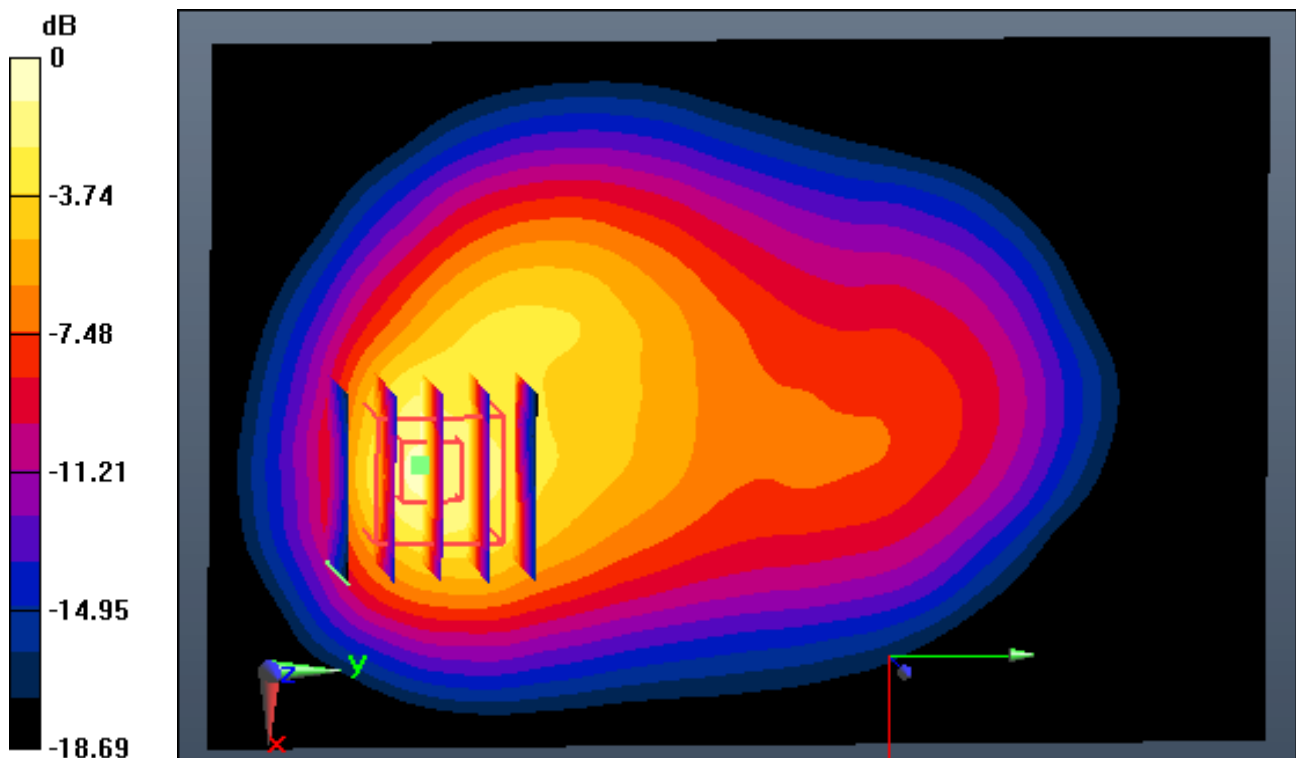
Area Scan (81x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.806 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.553 W/kg



0 dB = 1.49 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.473$ mho/m; $\epsilon_r = 51.687$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.45, 7.45, 7.45); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-07; Ambient Temp: 22.1; Tissue Temp: 22.4

1 cm space from Body, Rear, WCDMA1900 Ch.9262, Ant Internal

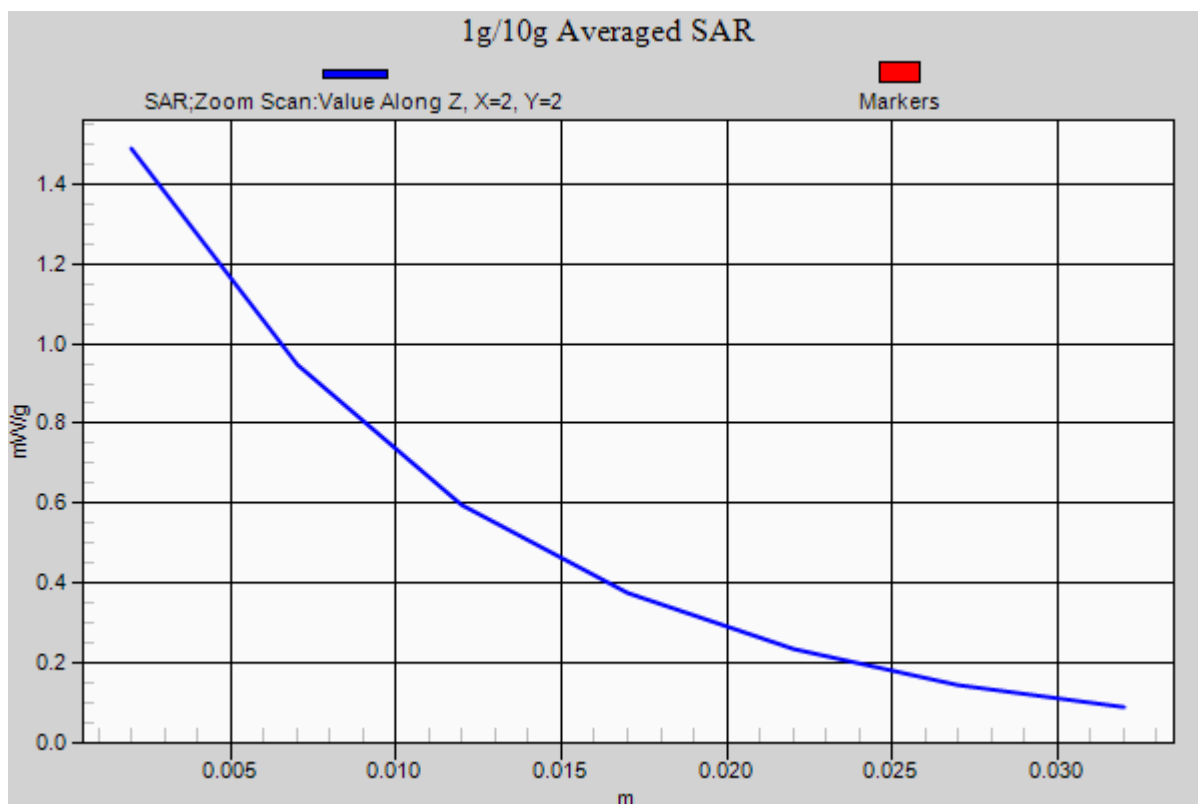
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.806 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.553 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 50.964$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.03, 7.03, 7.03); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(802.11b) Ch.11, Ant Internal

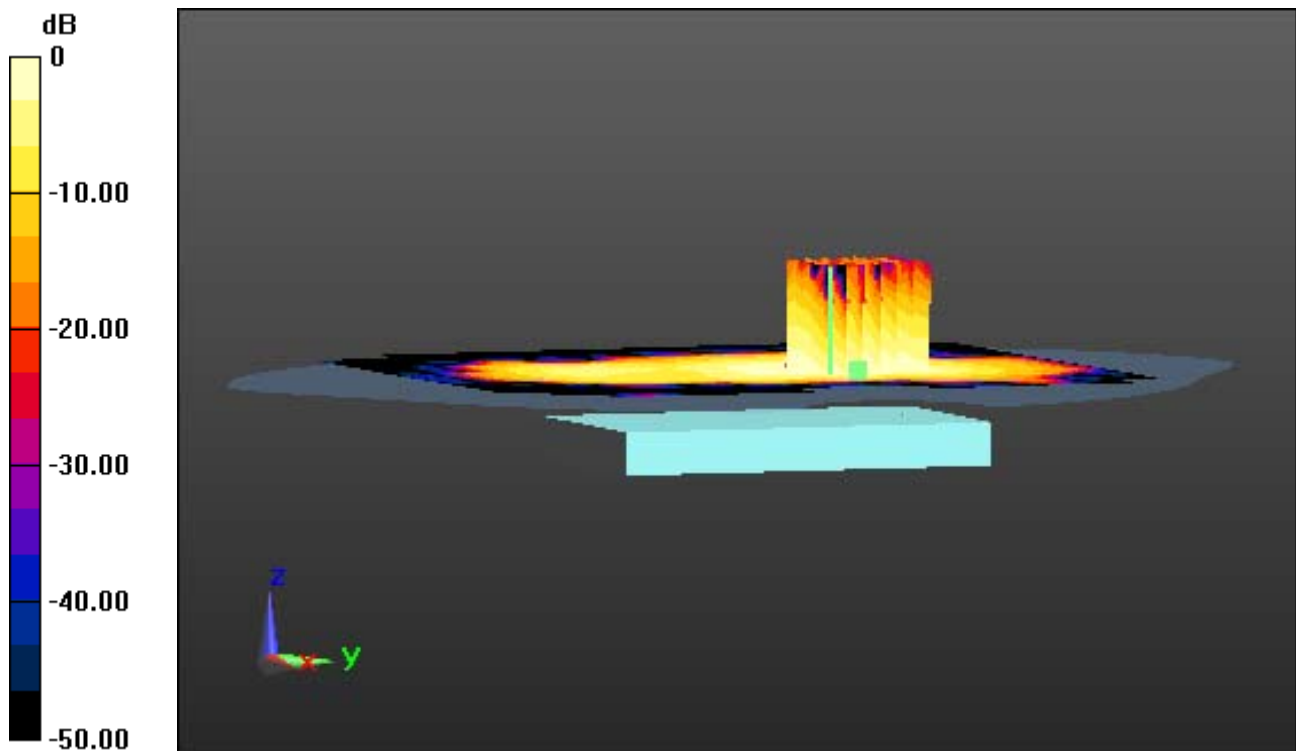
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.071 W/kg



0 dB = 0.181 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 50.964$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.03, 7.03, 7.03); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(802.11b) Ch.11, Ant Internal

With Enlarge plot image

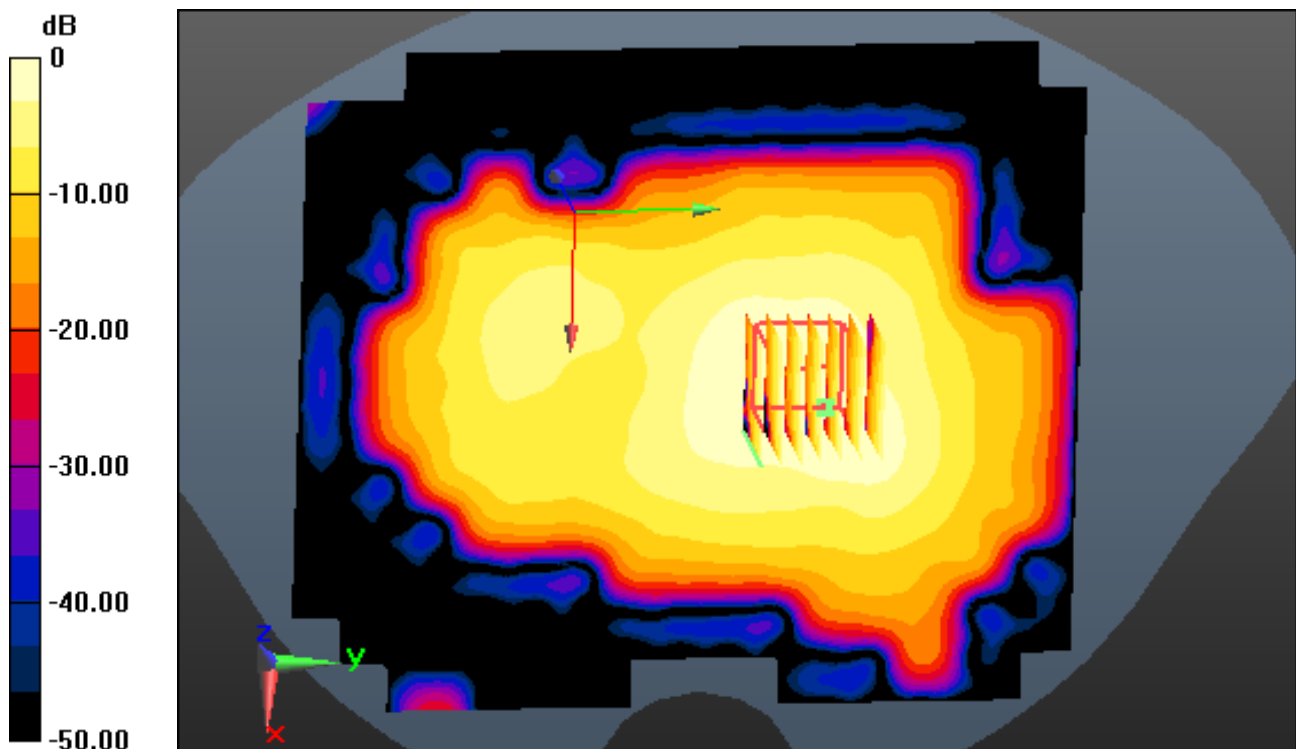
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.071 W/kg



0 dB = 0.181 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D160g; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 50.964$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.03, 7.03, 7.03); Calibrated: 2013-07-30; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2014-02-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(802.11b) Ch.11, Ant Internal

Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.071 W/kg

