

SAR Test Plots – Head SAR Plots

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Left Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

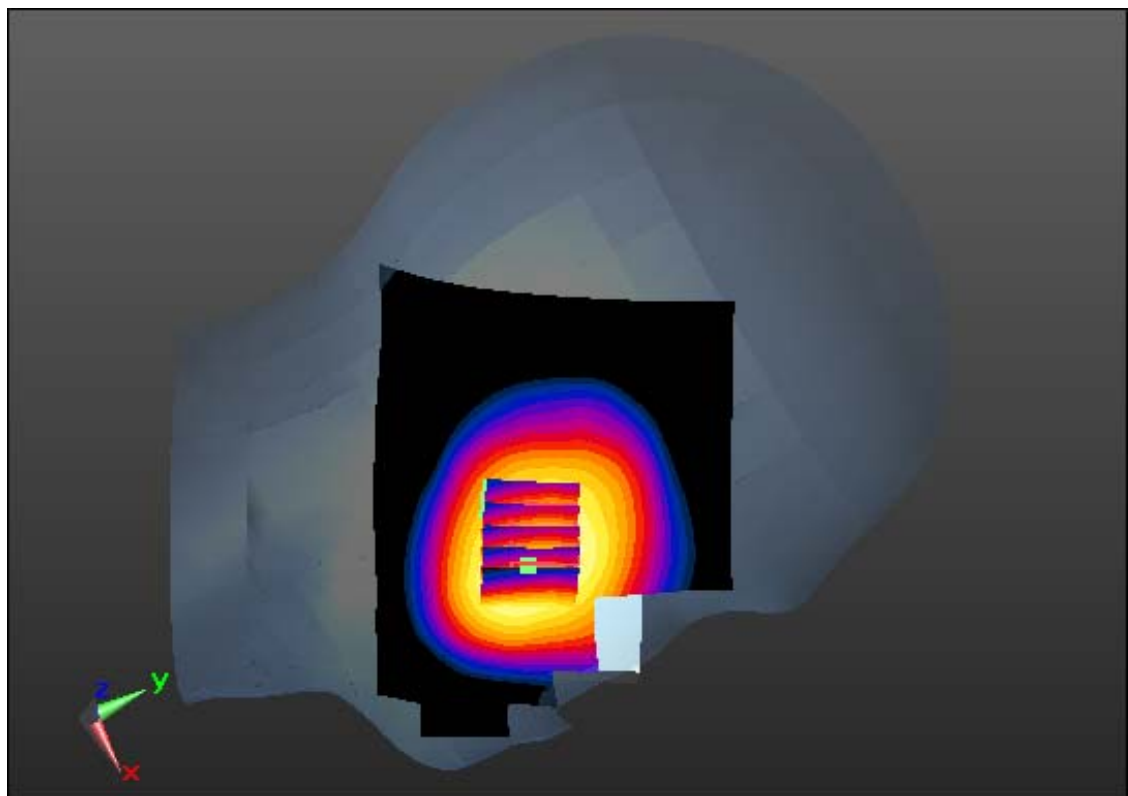
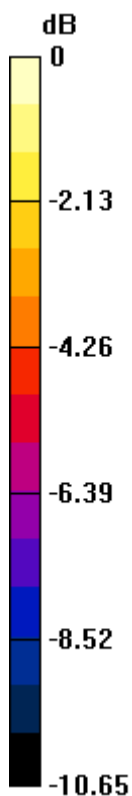
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.520 mW/g

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.302 W/kg



0 dB = 0.471 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Left Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

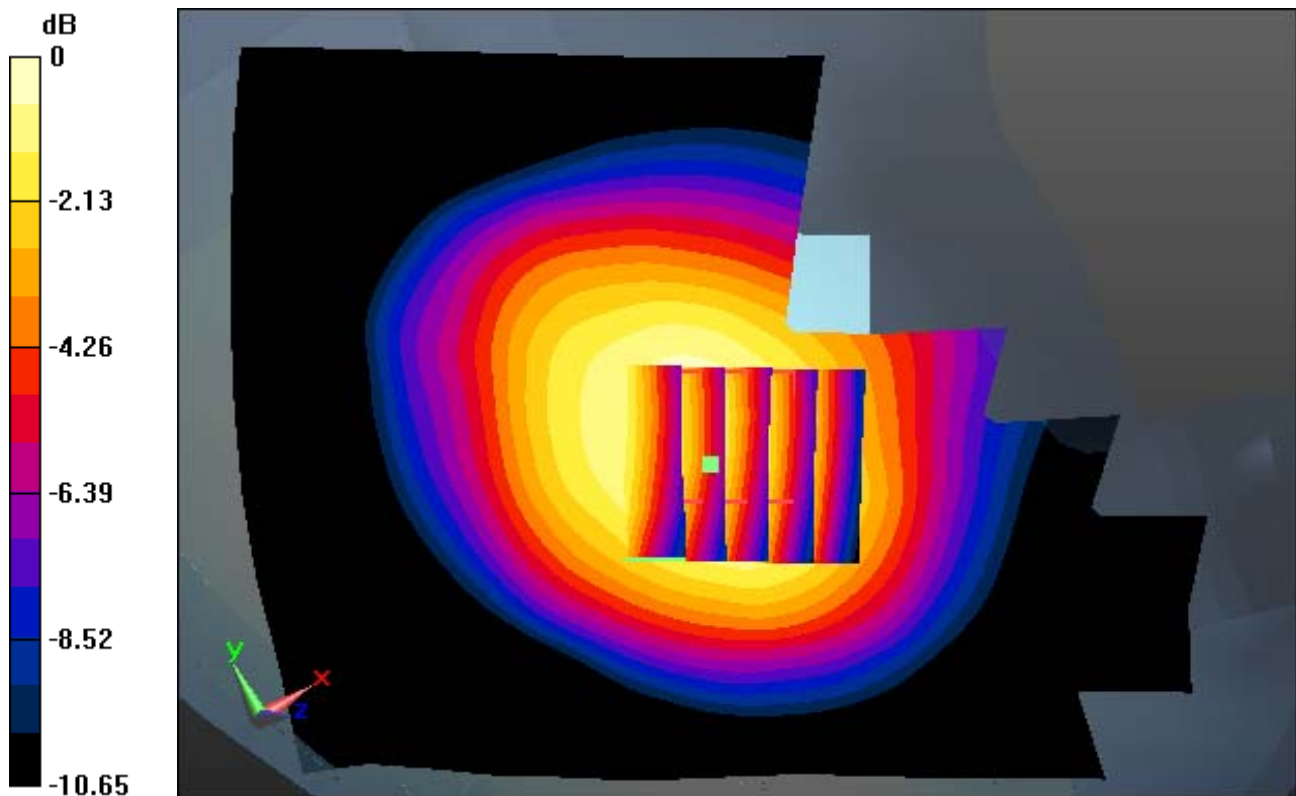
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.520 mW/g

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.302 W/kg



0 dB = 0.471 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.467$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Right Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

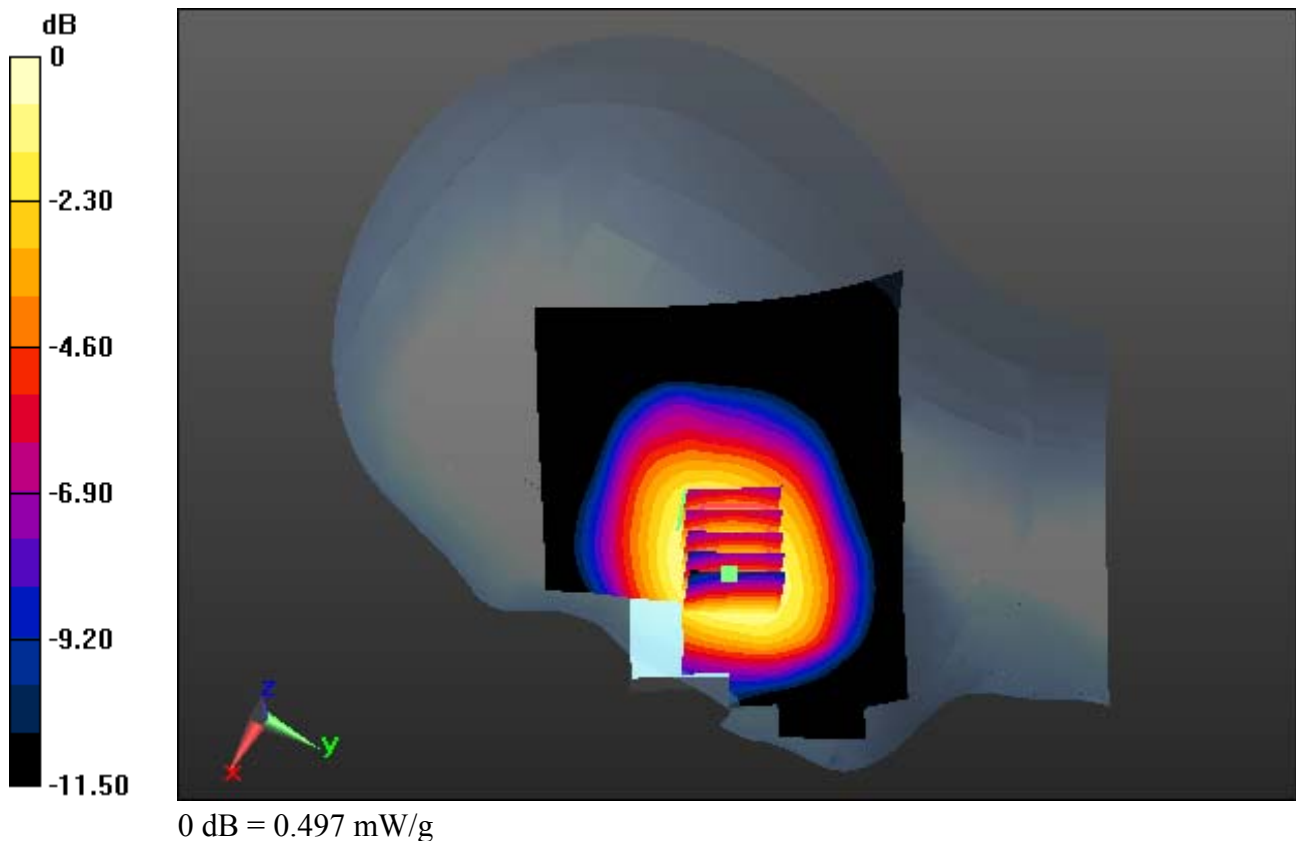
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.542 mW/g

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.326 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

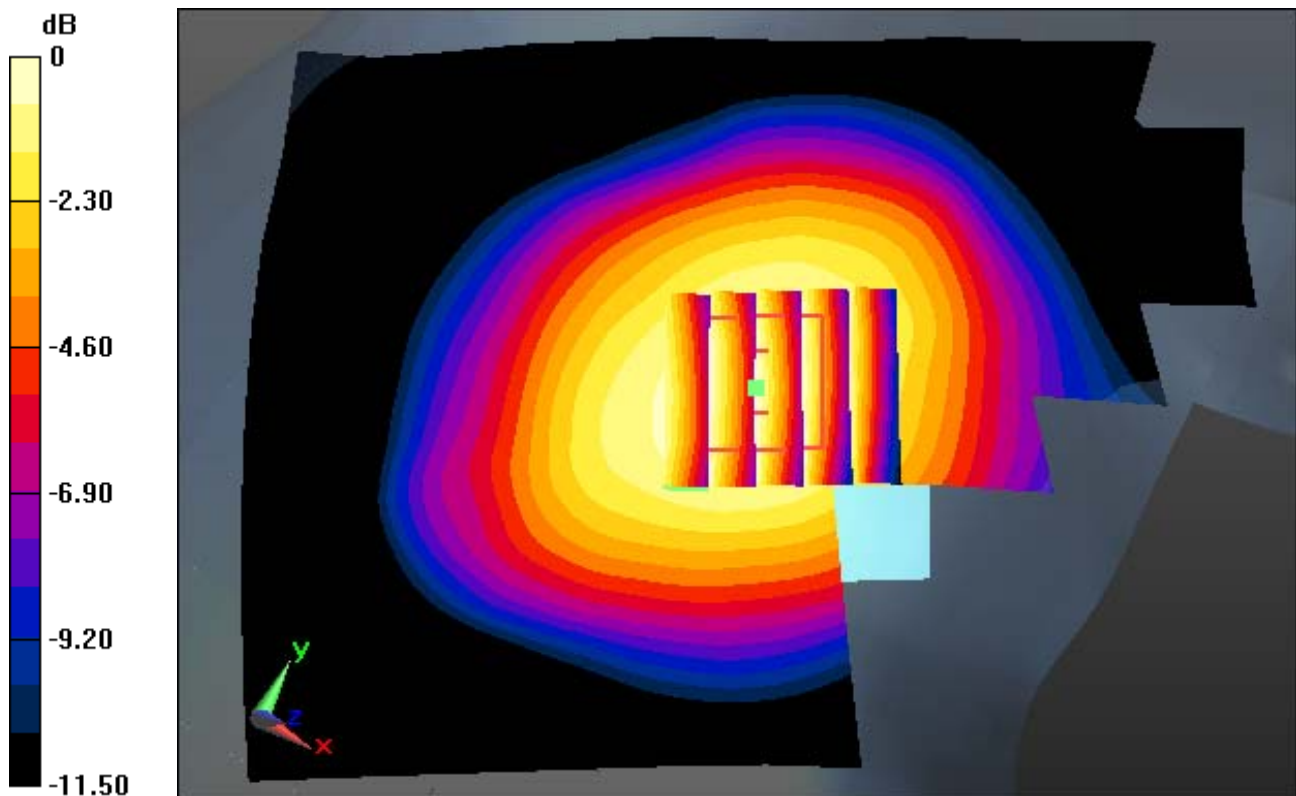
Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Right Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

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 = -0.17 dB
Peak SAR (extrapolated) = 0.542 mW/g
SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.326 W/kg



0 dB = 0.497 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.467$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Left Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery

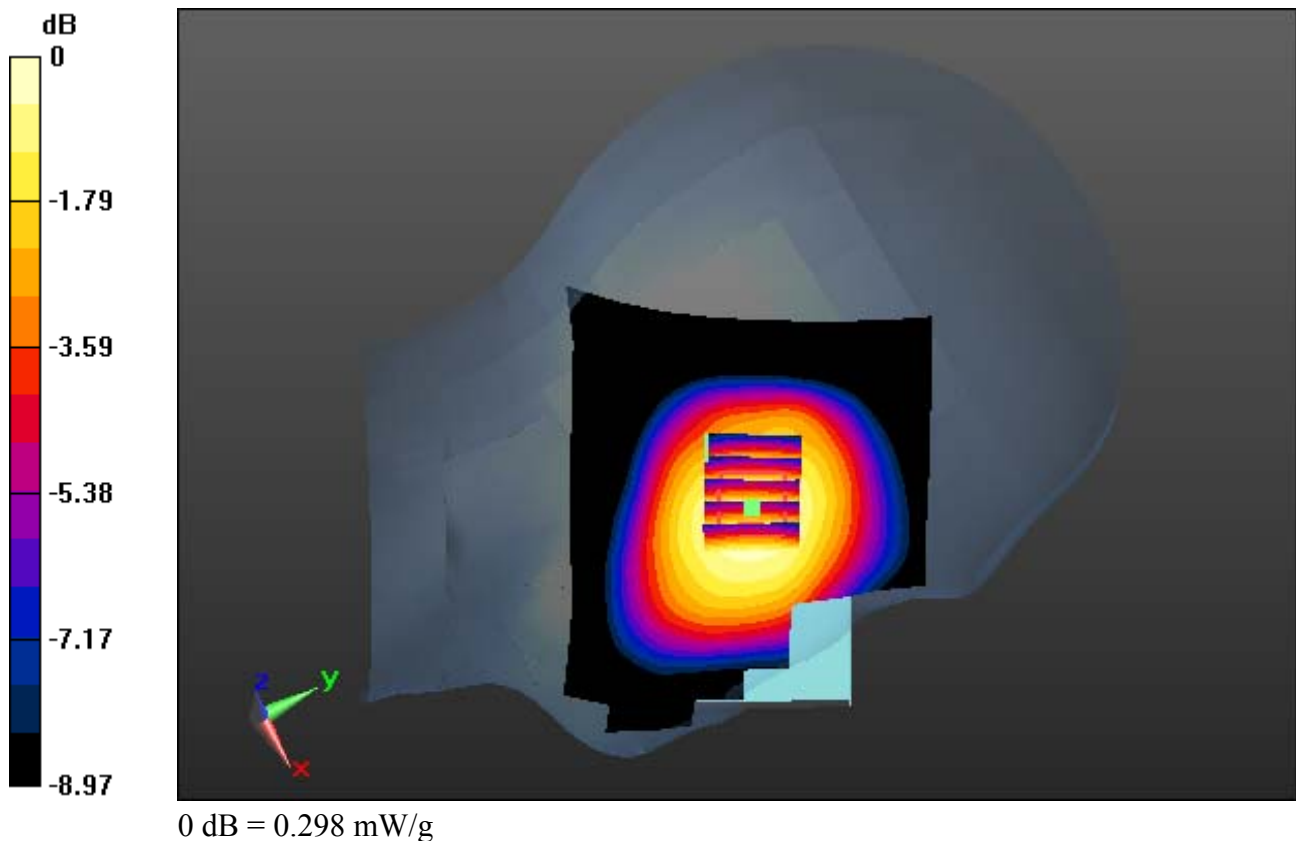
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.326 mW/g

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.198 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.467$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Left Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

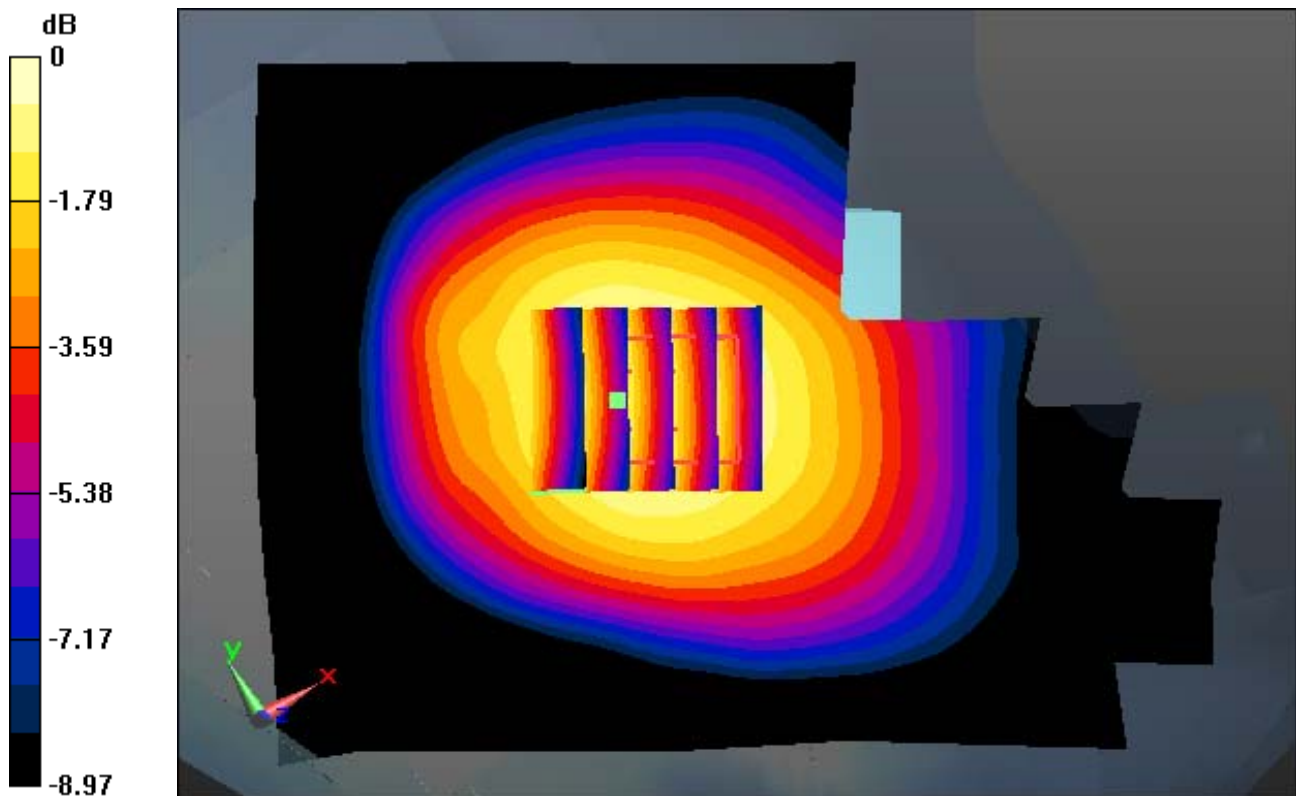
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.326 mW/g

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.198 W/kg



0 dB = 0.298 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

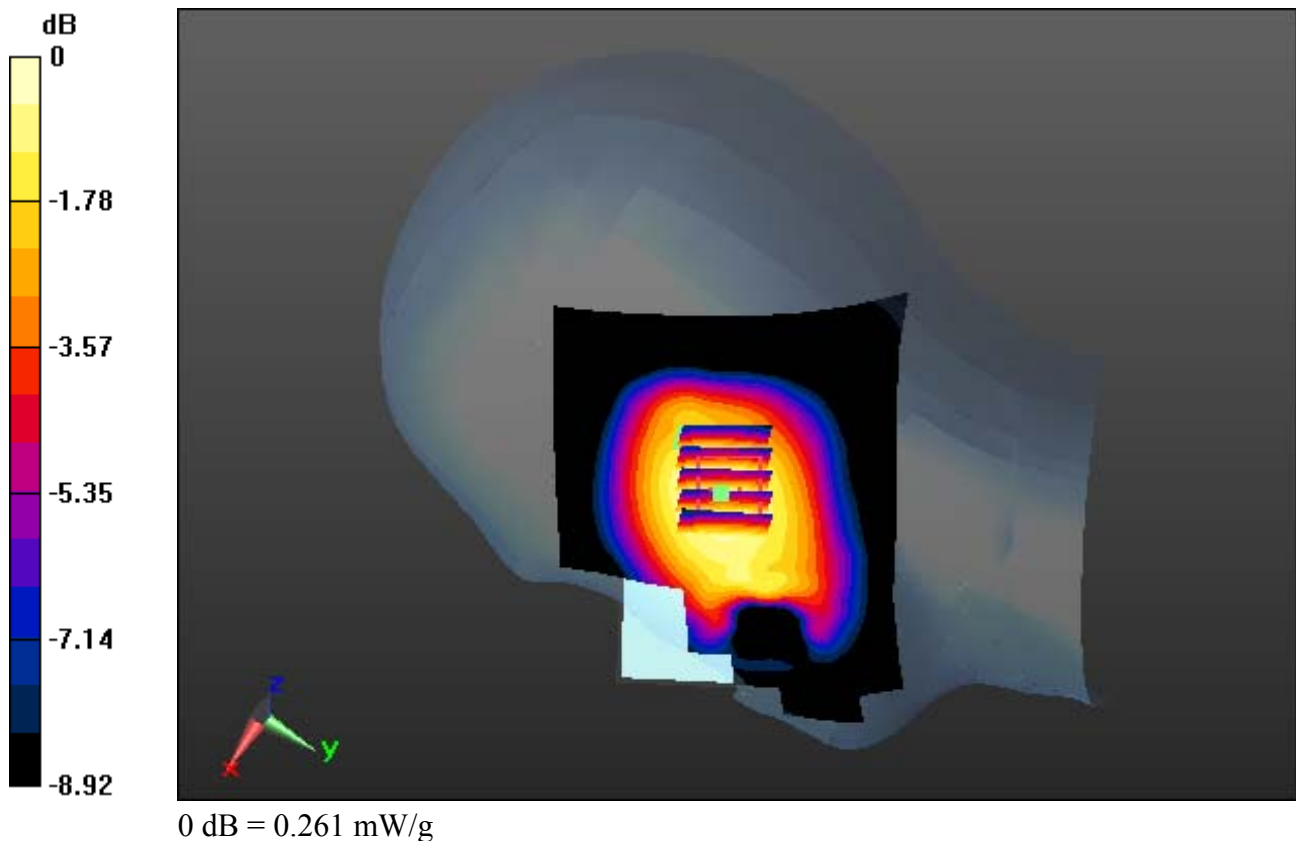
DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Right Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery

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 = -0.18 dB
Peak SAR (extrapolated) = 0.287 mW/g
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.169 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

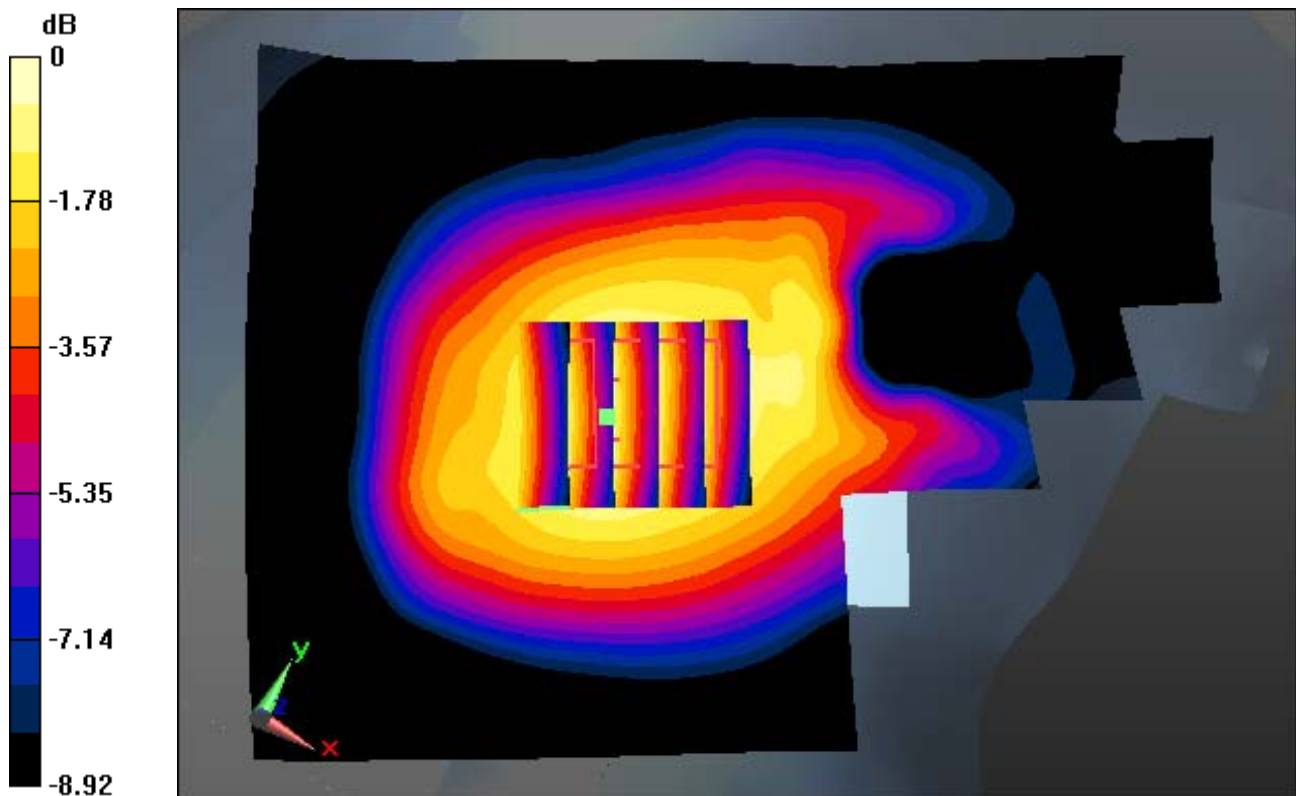
Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Right Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

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 = -0.18 dB
Peak SAR (extrapolated) = 0.287 mW/g
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.169 W/kg



0 dB = 0.261 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.467$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Right Touch, Sim2, GSM850 Ch. 190, Ant Internal, Standard Battery

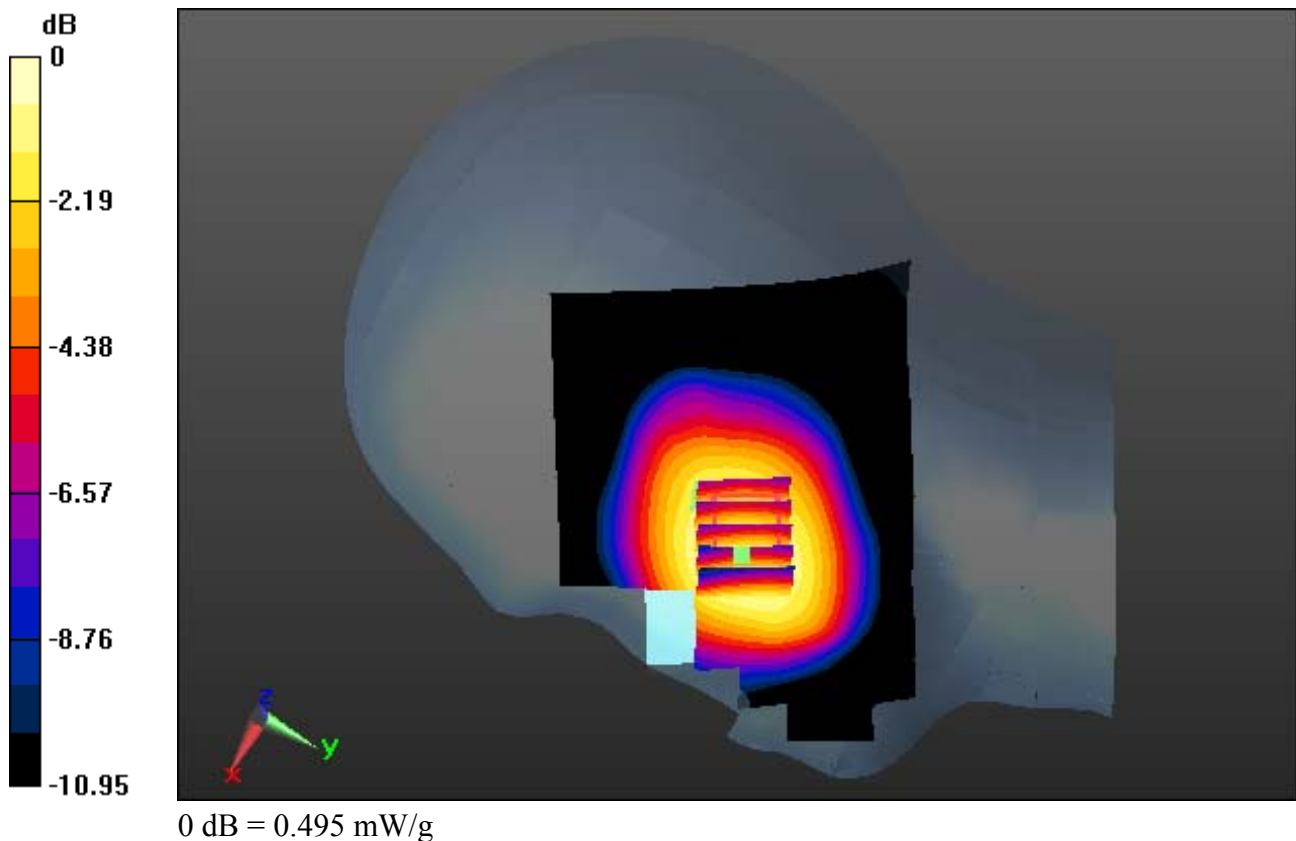
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.535 mW/g

SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.321 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

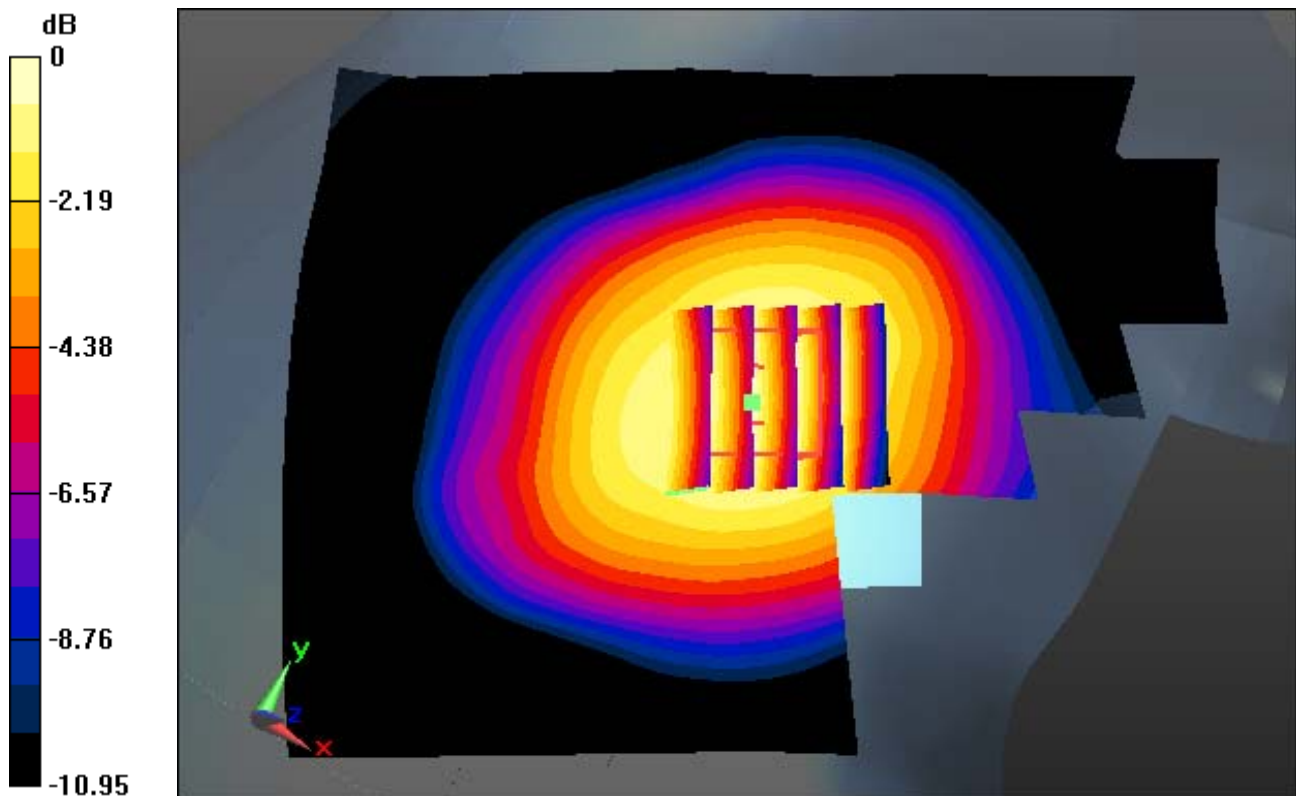
Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Right Touch, Sim2, GSM850 Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

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 = -0.17 dB
Peak SAR (extrapolated) = 0.535 mW/g
SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.321 W/kg



0 dB = 0.495 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.467$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

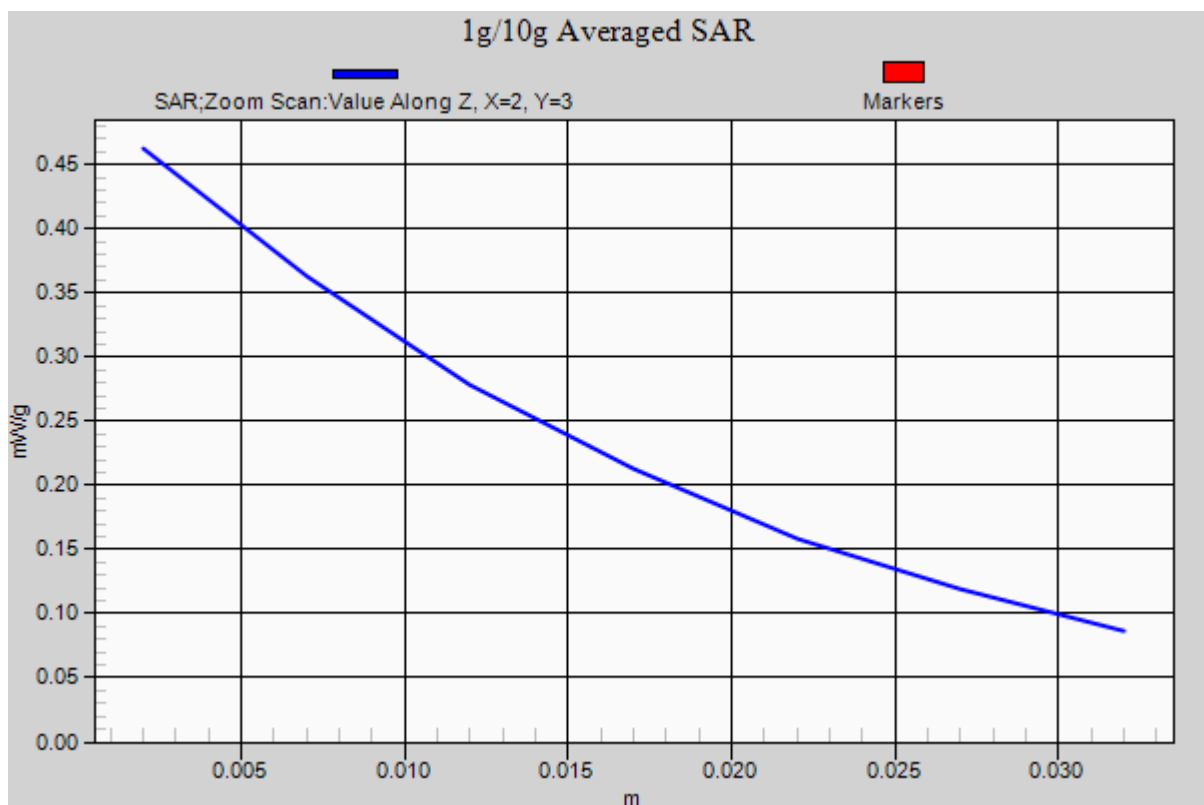
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.542 mW/g

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.326 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Left Touch, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery

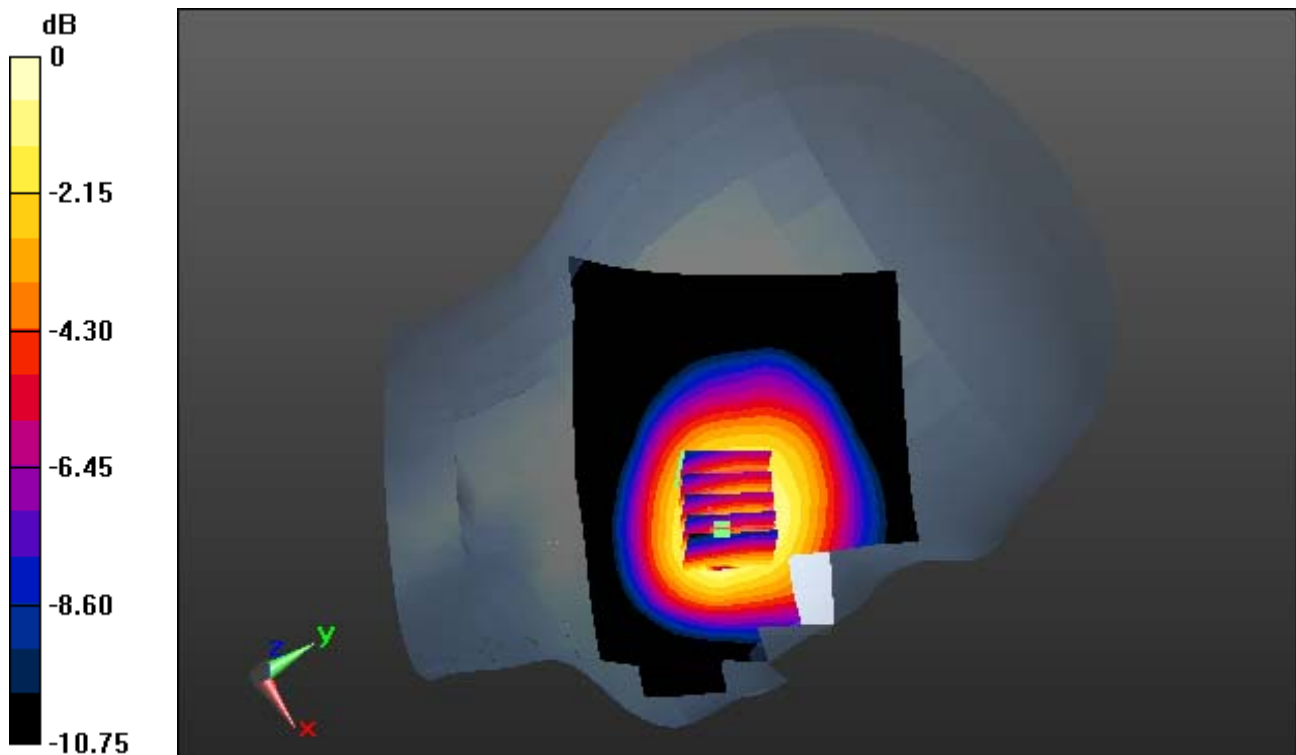
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.524 mW/g

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.301 W/kg



0 dB = 0.464 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Left Touch, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

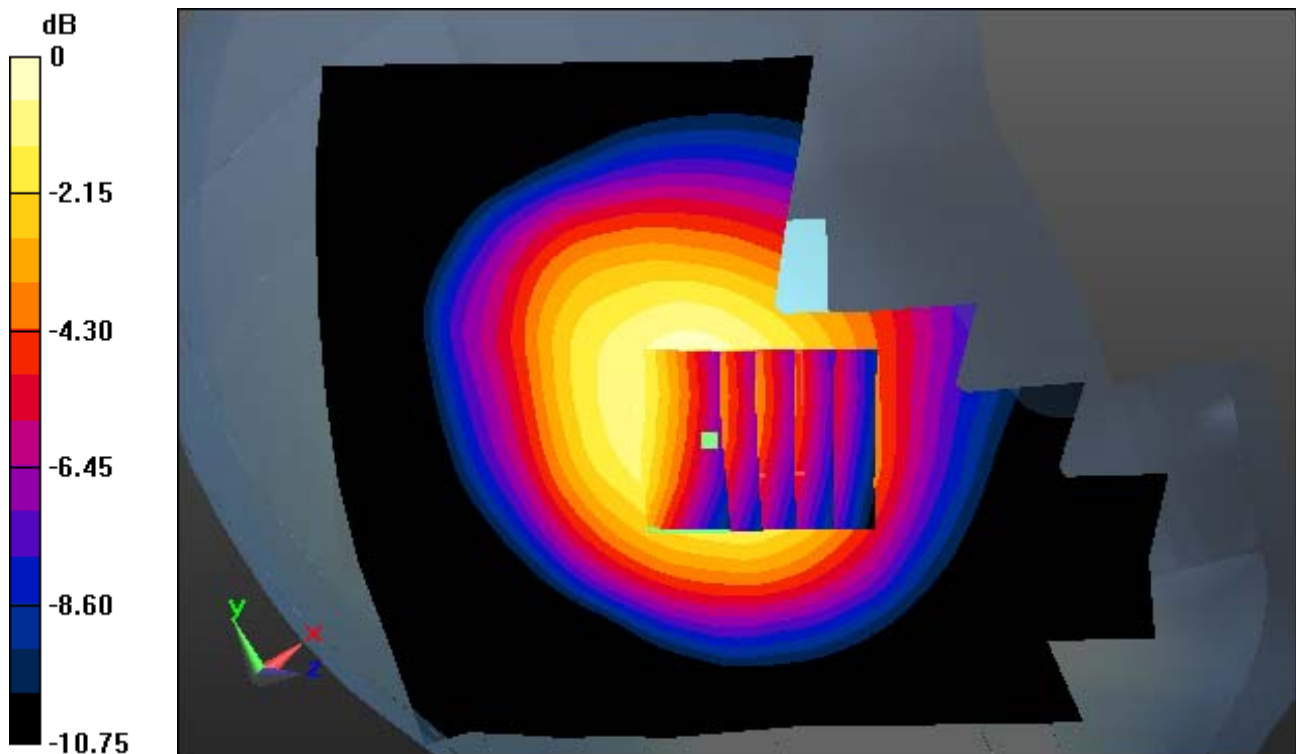
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.524 mW/g

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.301 W/kg



0 dB = 0.464 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Touch, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery

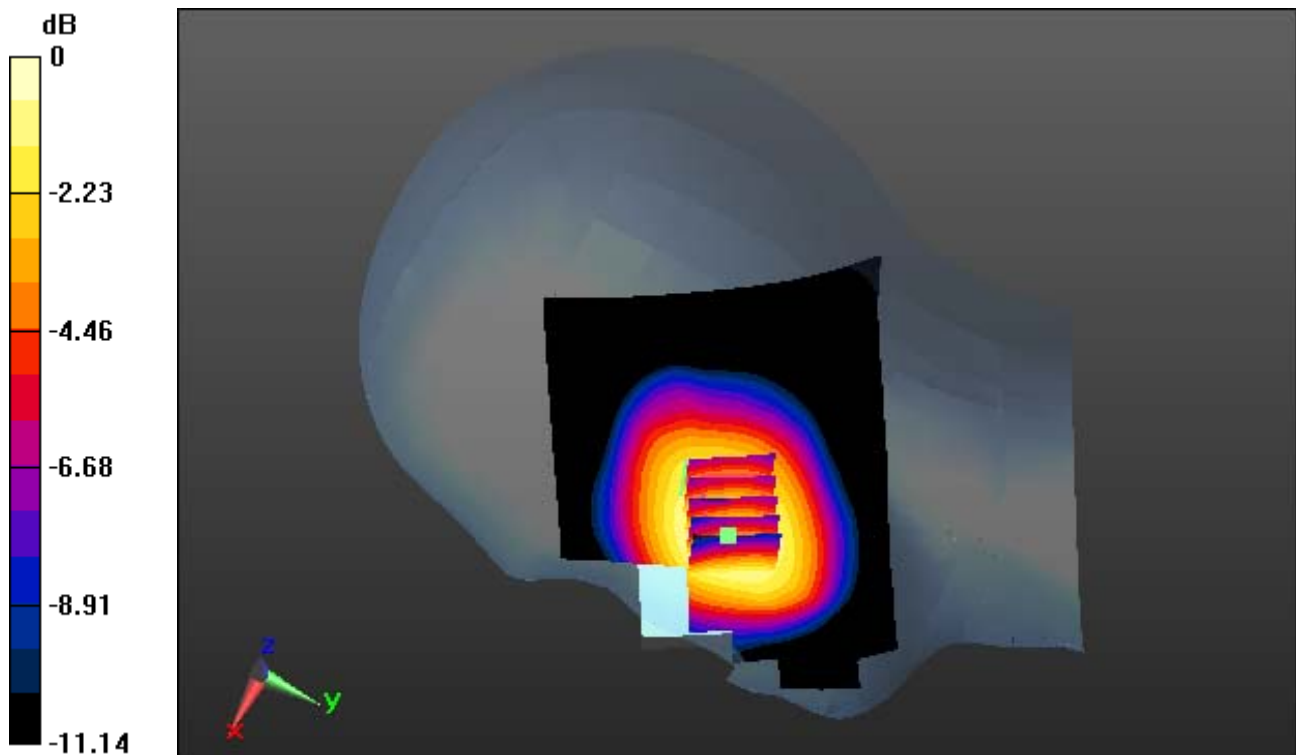
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.581 mW/g

SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.346 W/kg



0 dB = 0.534 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.467$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

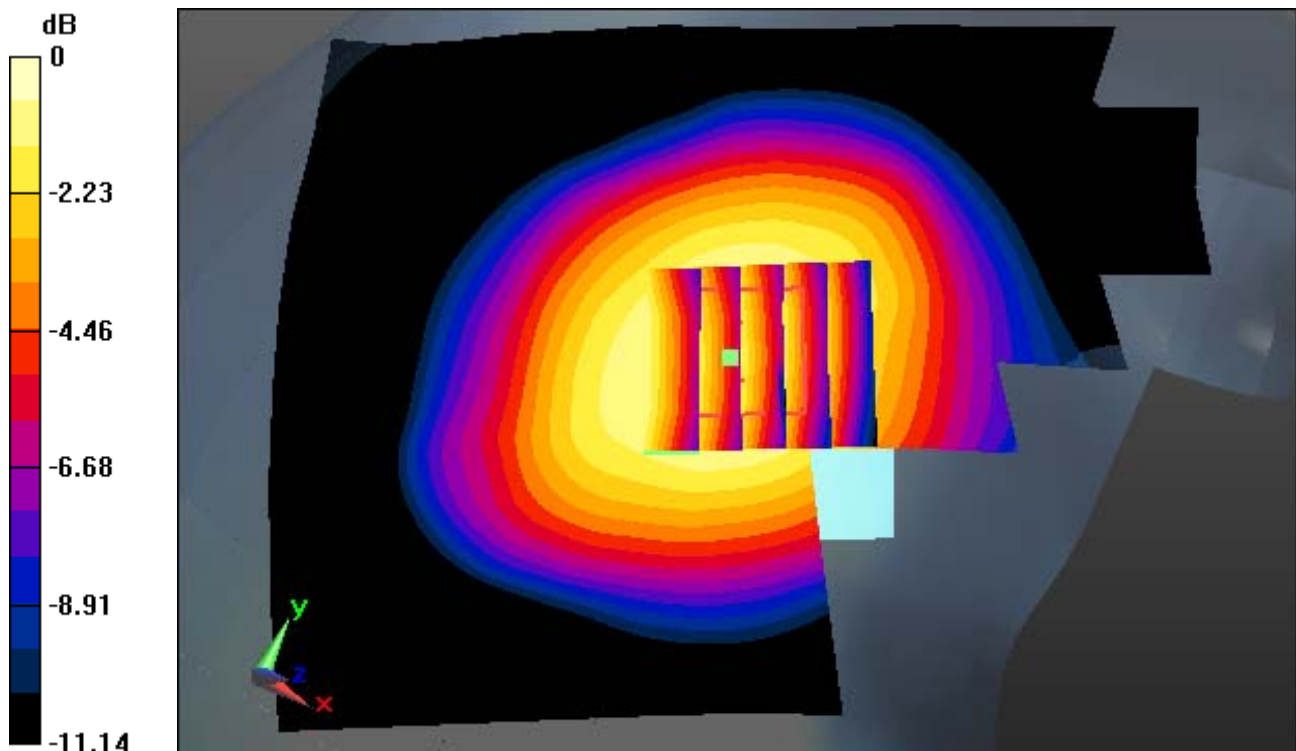
Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Touch, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery

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 = 0.07 dB
Peak SAR (extrapolated) = 0.581 mW/g
SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.346 W/kg



0 dB = 0.534 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850_10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.467$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

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

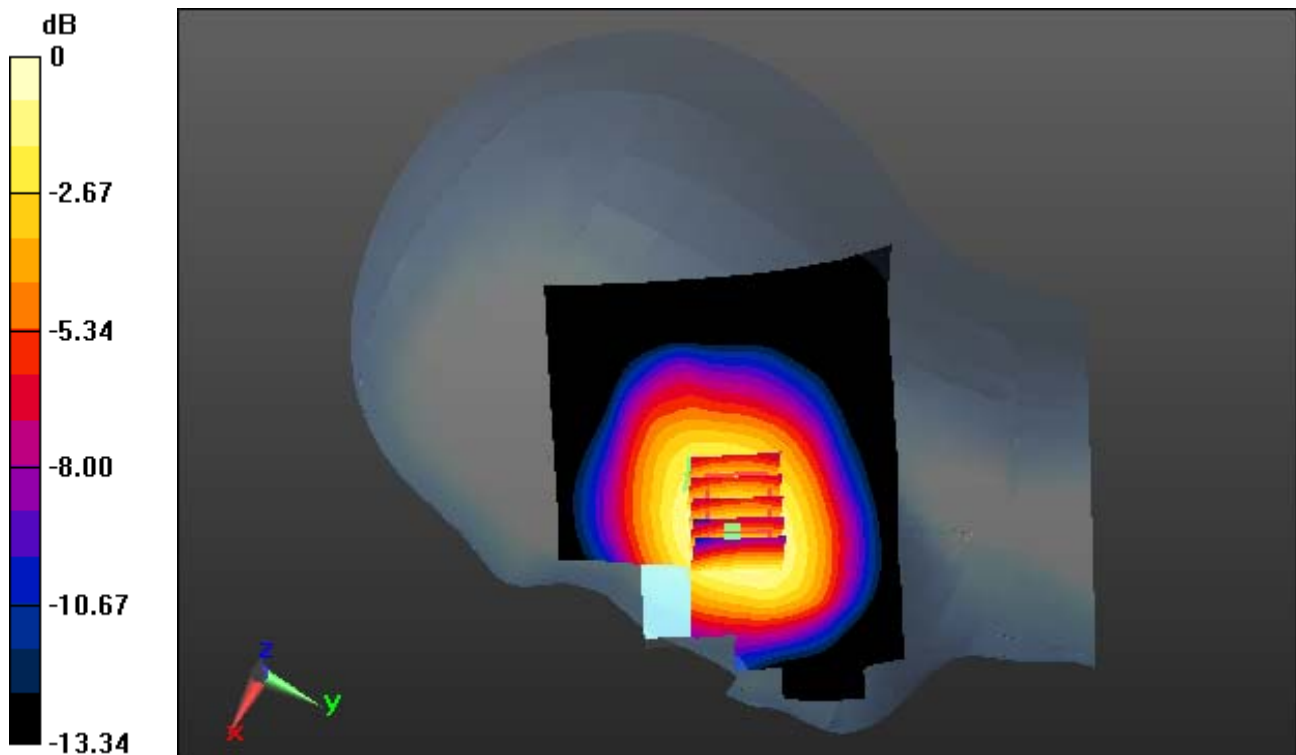
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.497 mW/g

SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.301 W/kg



0 dB = 0.459 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850_10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

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

With Enlarge plot image

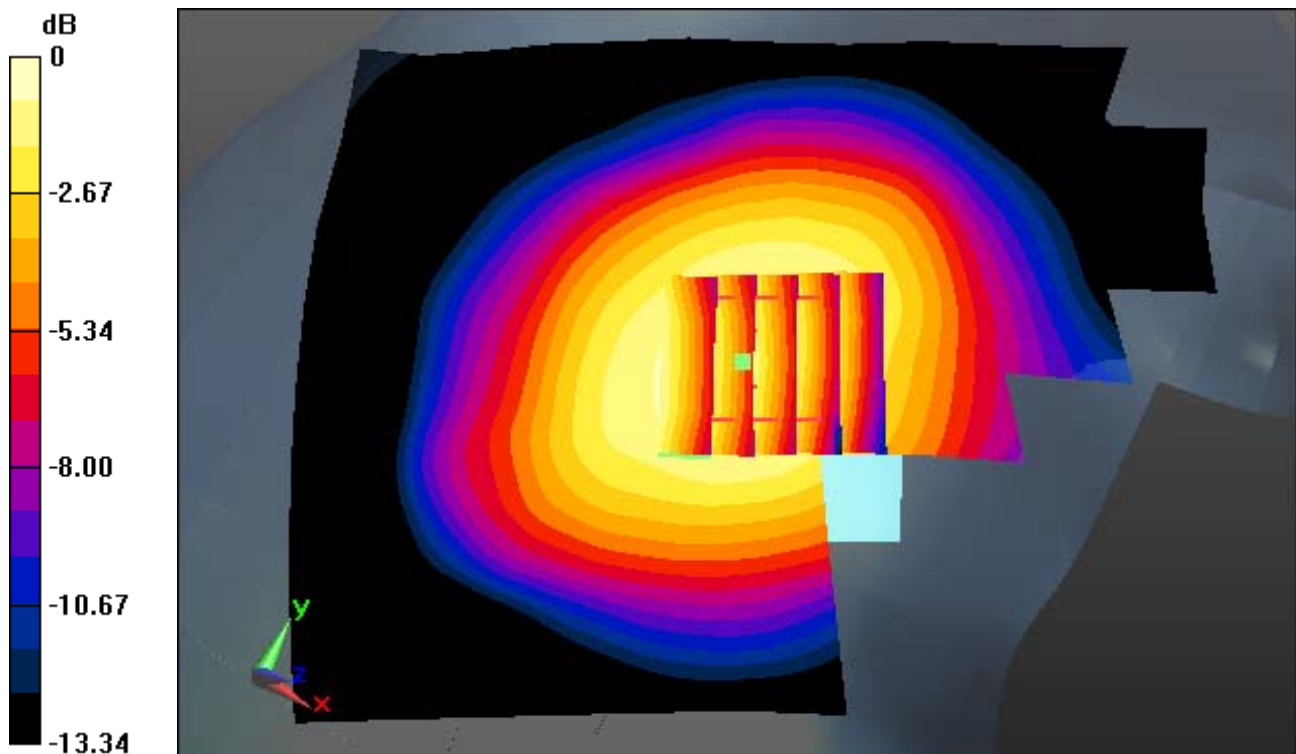
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.497 mW/g

SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.301 W/kg



0 dB = 0.459 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Touch, GSM850 GPRS 3 Tx Ch. 190, Ant Internal, Standard Battery

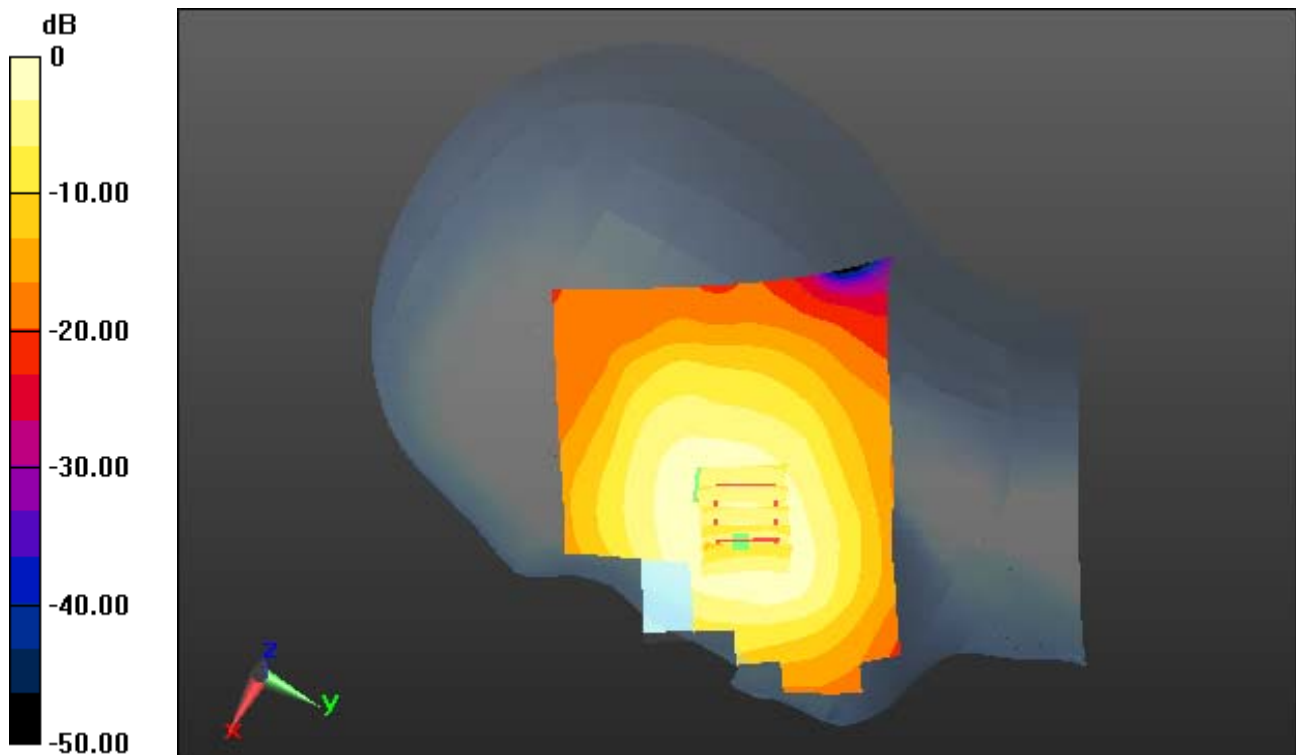
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.581 mW/g

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.304 W/kg



0 dB = 0.462 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Touch, GSM850 GPRS 3 Tx Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

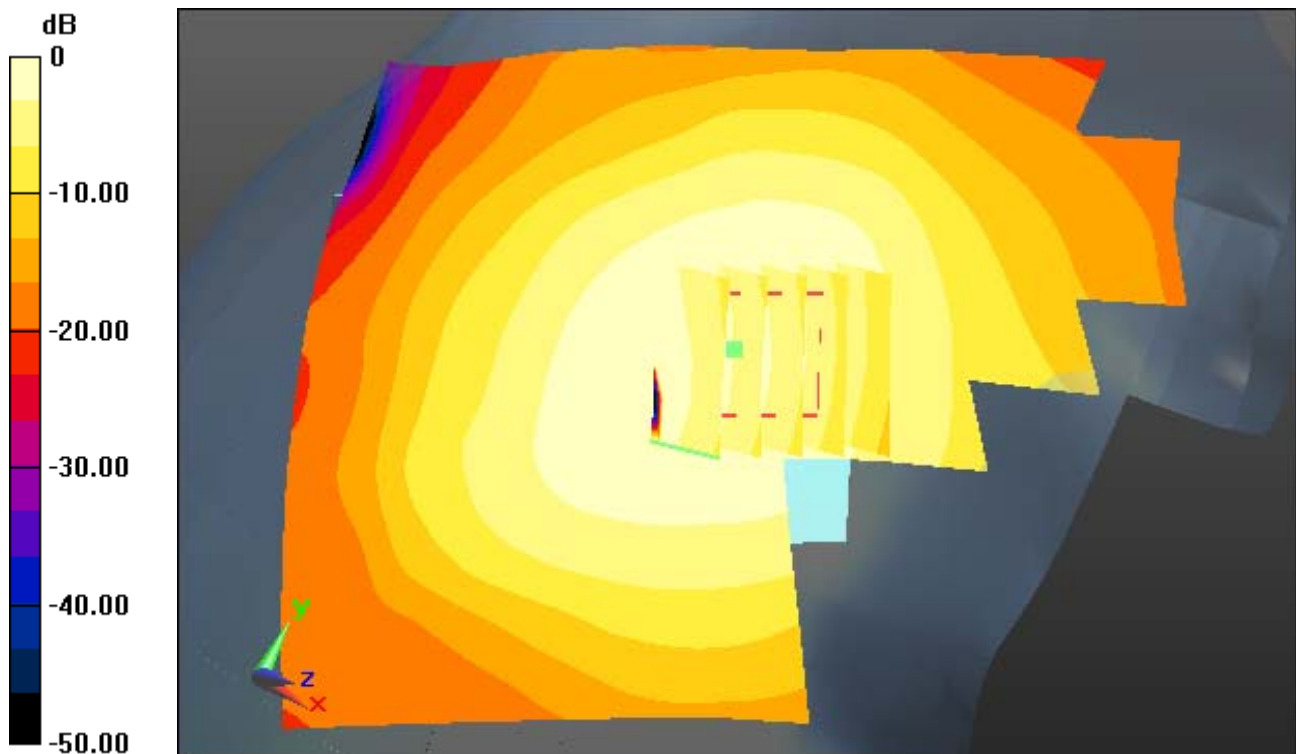
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.581 mW/g

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.304 W/kg



0 dB = 0.462 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Touch, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery

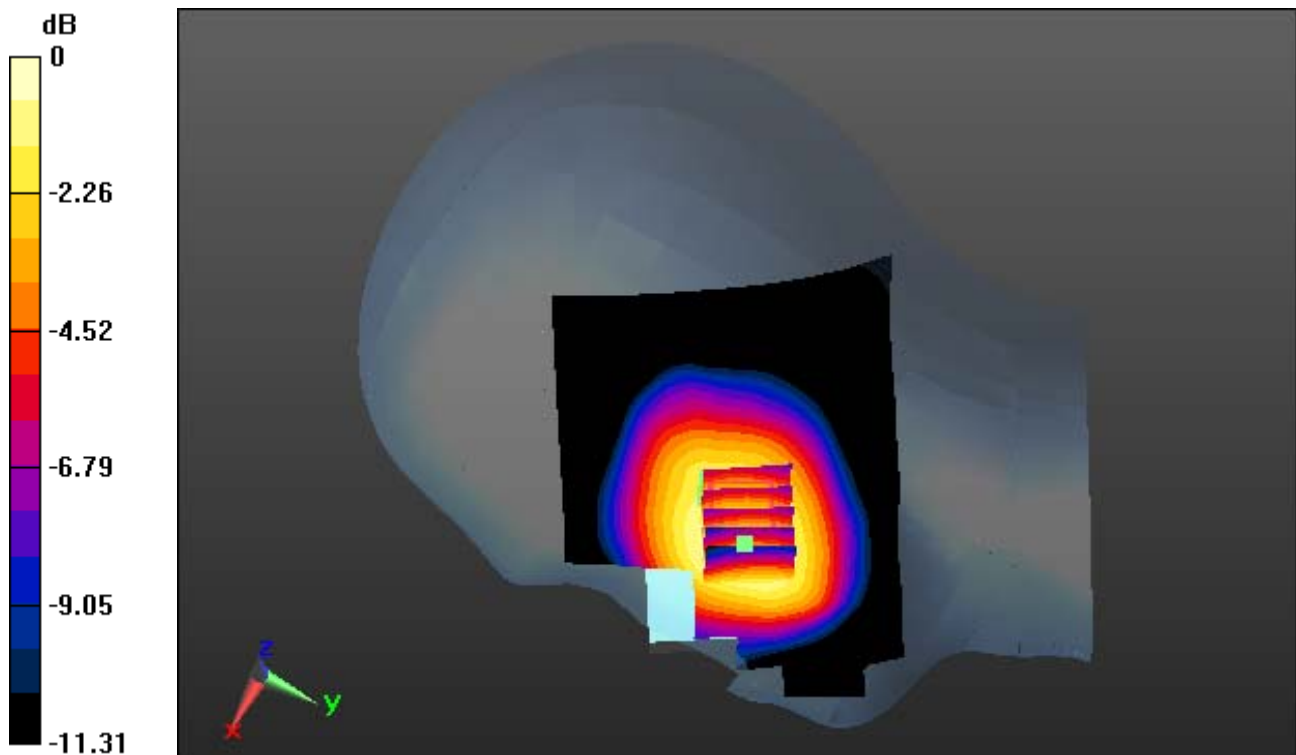
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.489 mW/g

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.301 W/kg



0 dB = 0.452 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Touch, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

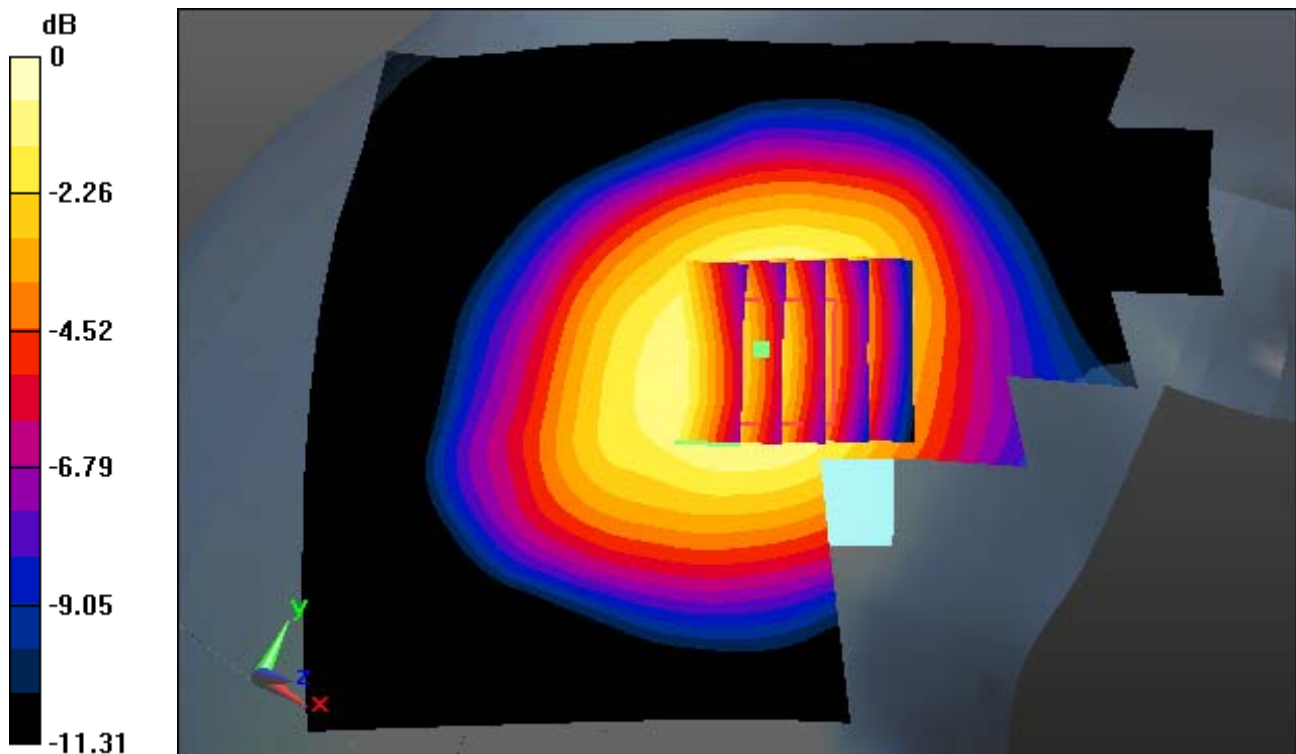
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.489 mW/g

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.301 W/kg



0 dB = 0.452 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Left Tilt, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery

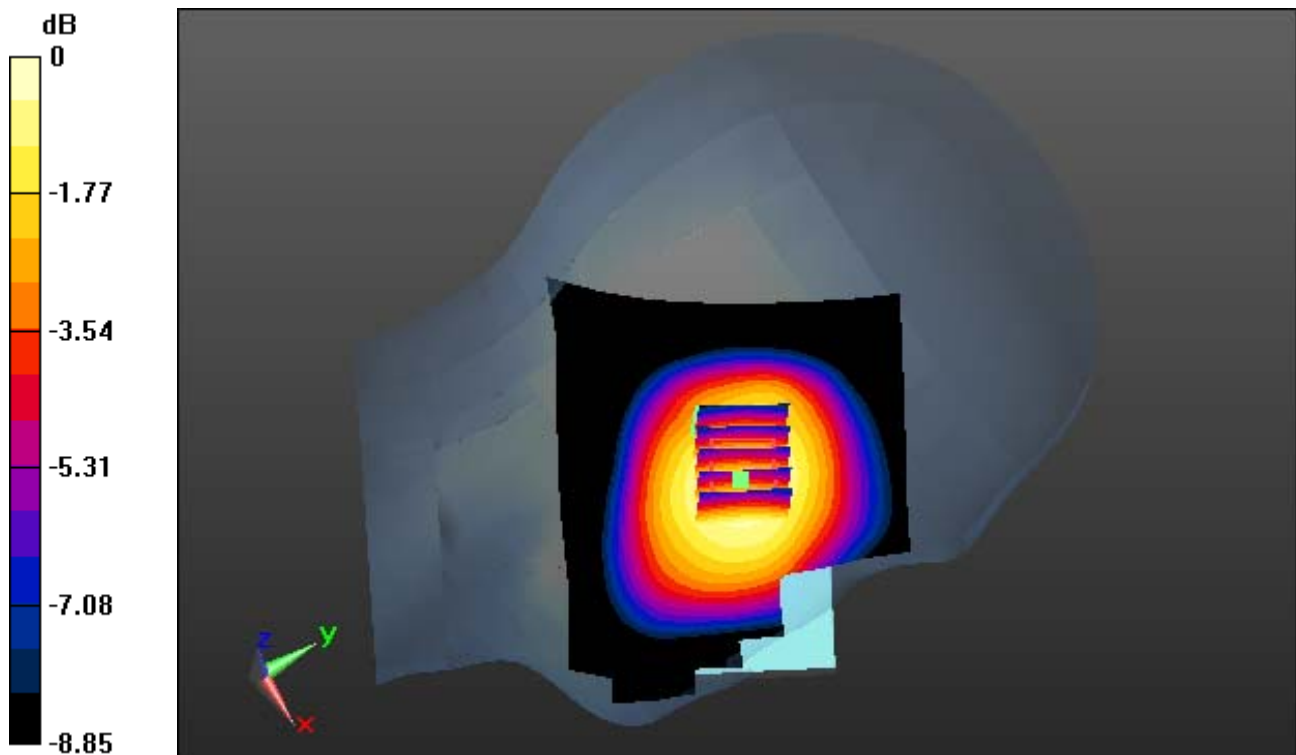
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.330 mW/g

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.201 W/kg



0 dB = 0.304 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.467$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Left Tilt, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

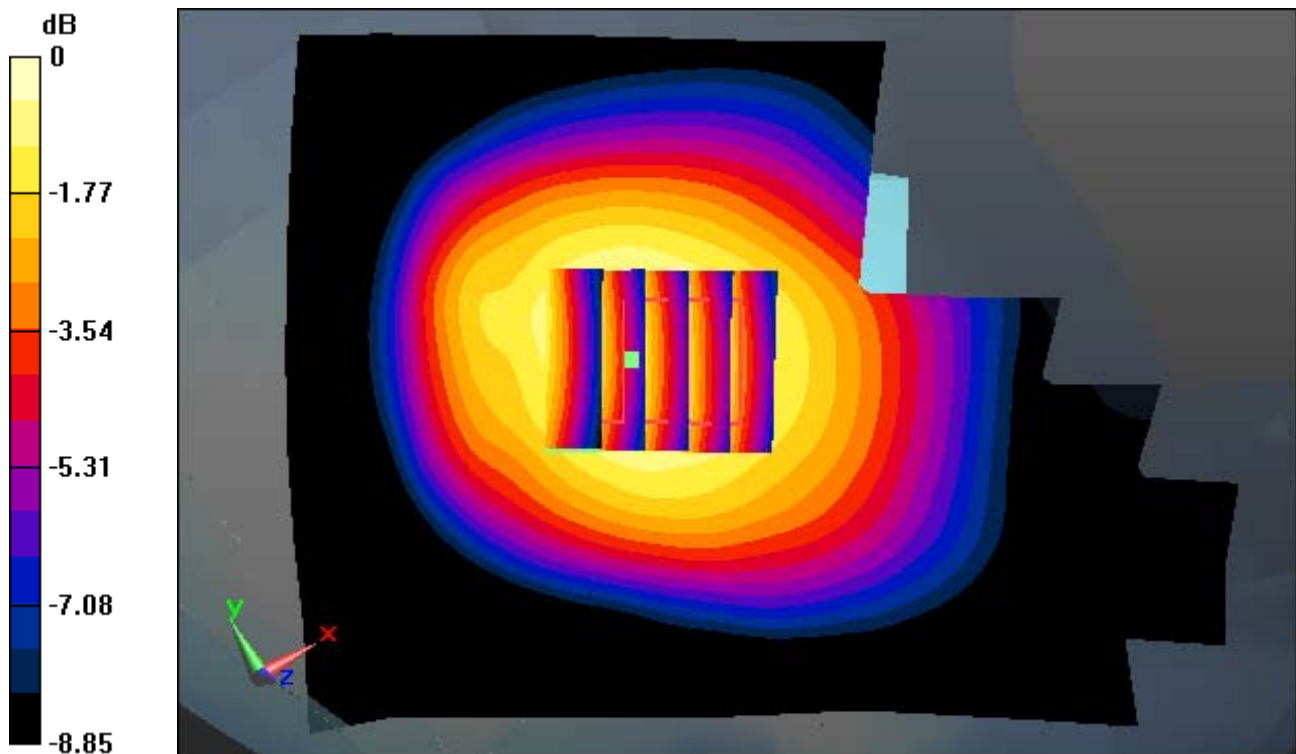
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.330 mW/g

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.201 W/kg



0 dB = 0.304 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.467$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Tilt, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery

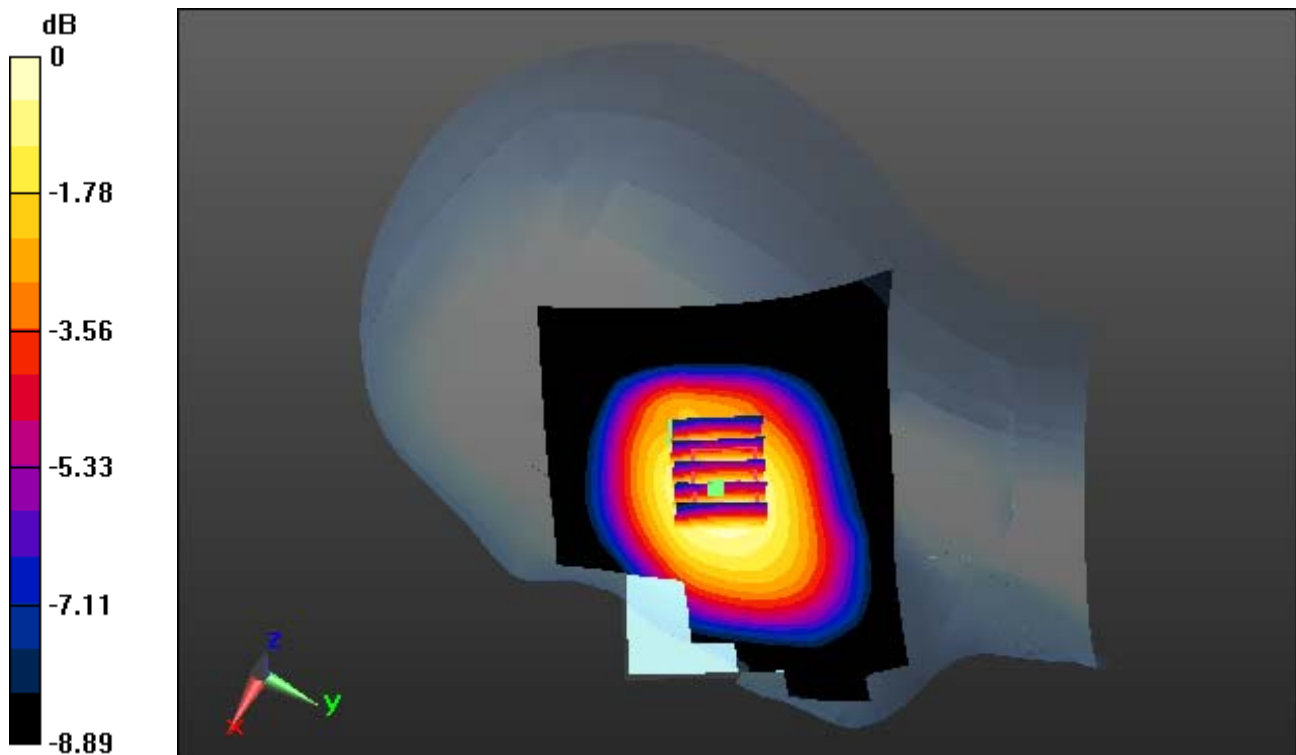
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.325 mW/g

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.196 W/kg



0 dB = 0.298 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

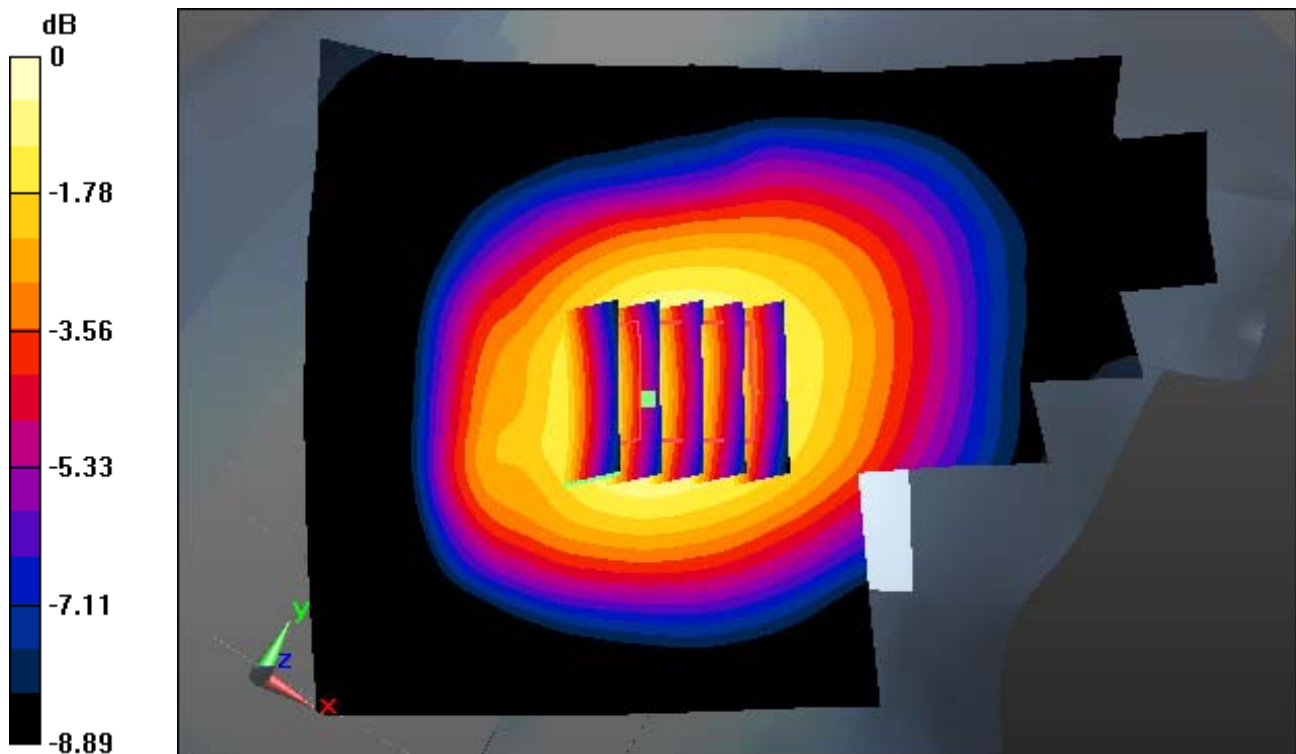
Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Tilt, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

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) = 0.325 mW/g
SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.196 W/kg



0 dB = 0.298 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.467$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Touch, Sim2, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery

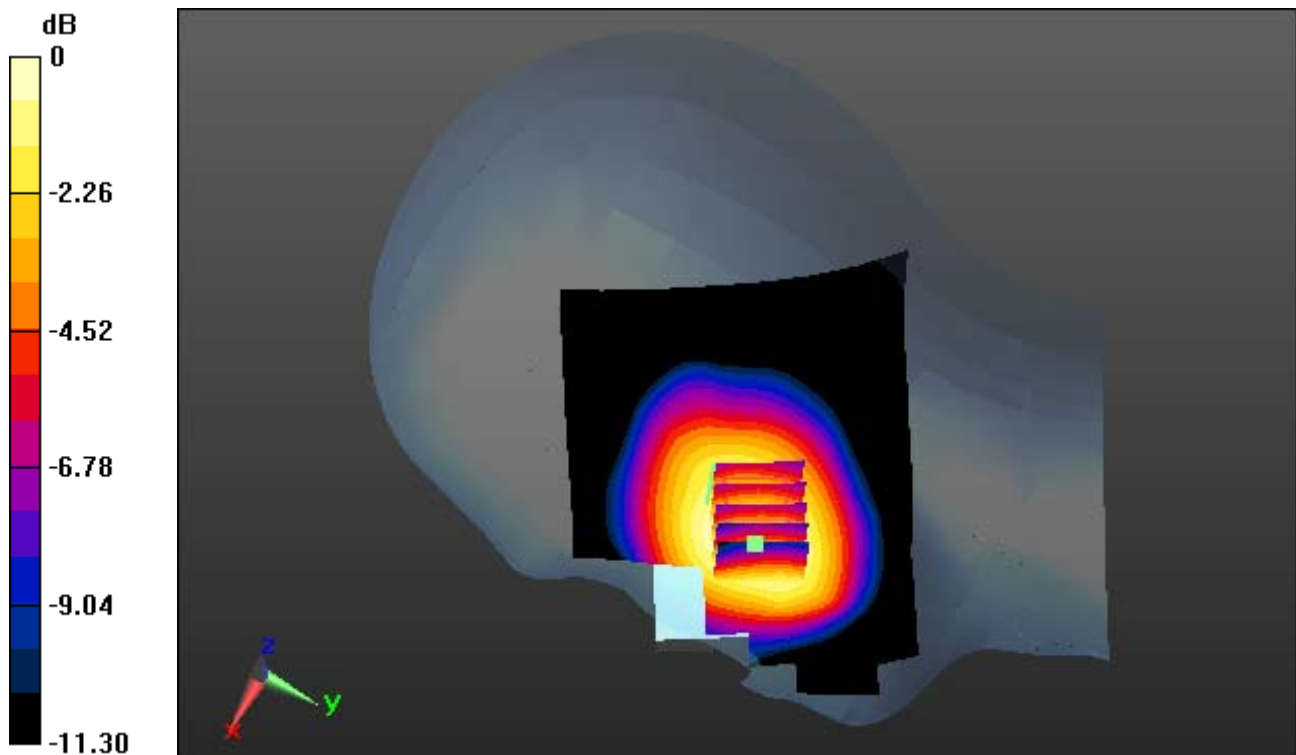
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.515 mW/g

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.313 W/kg



0 dB = 0.465 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.467$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

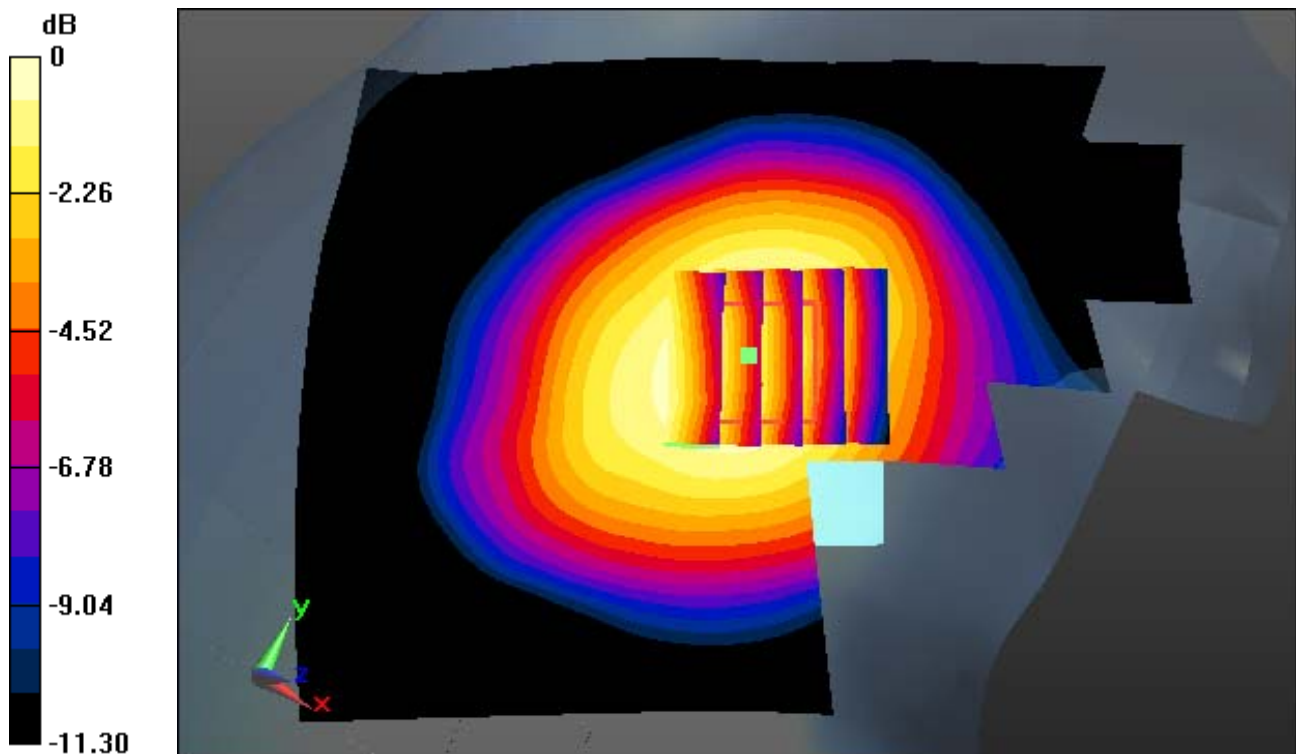
Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Touch, Sim2, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

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 = -0.07 dB
Peak SAR (extrapolated) = 0.515 mW/g
SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.313 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.467$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2012-12-28; Ambient Temp: 21.3 Tissue Temp: 21.5

Right Touch, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery

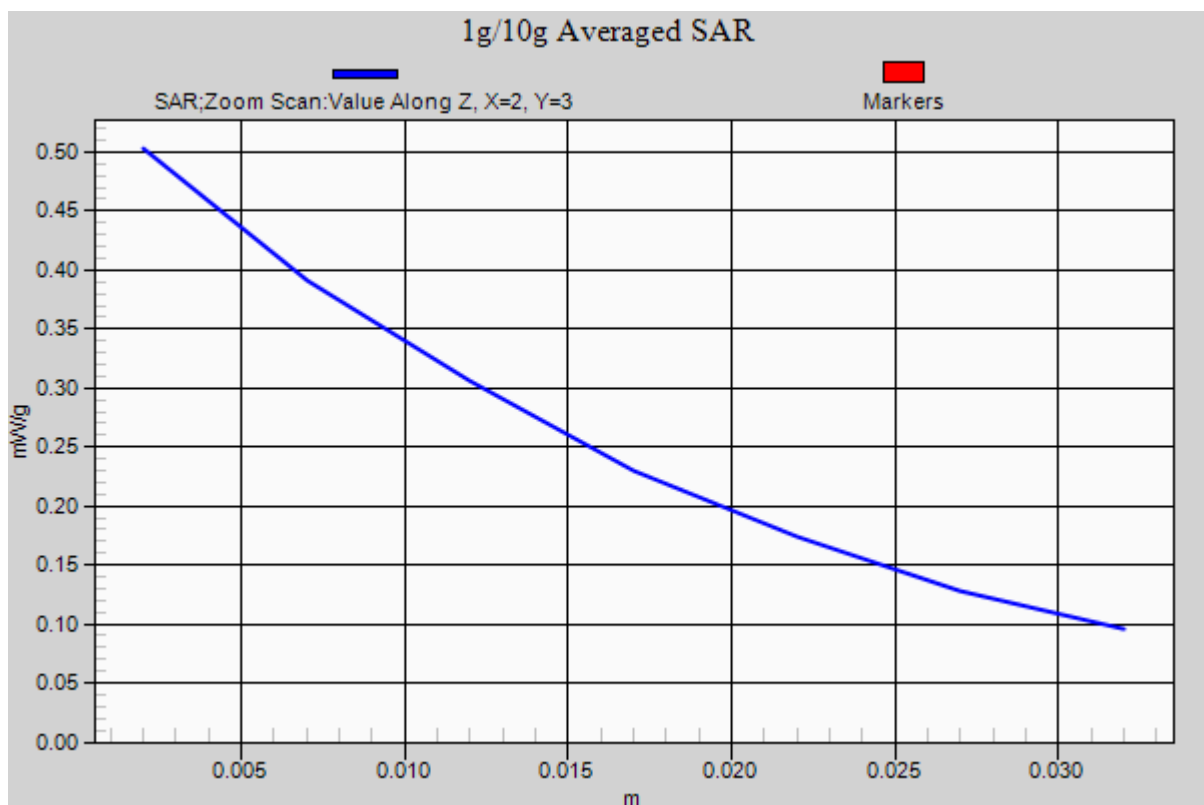
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.581 mW/g

SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.346 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.506$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2013-01-02; Ambient Temp: 21.3 Tissue Temp: 21.6

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

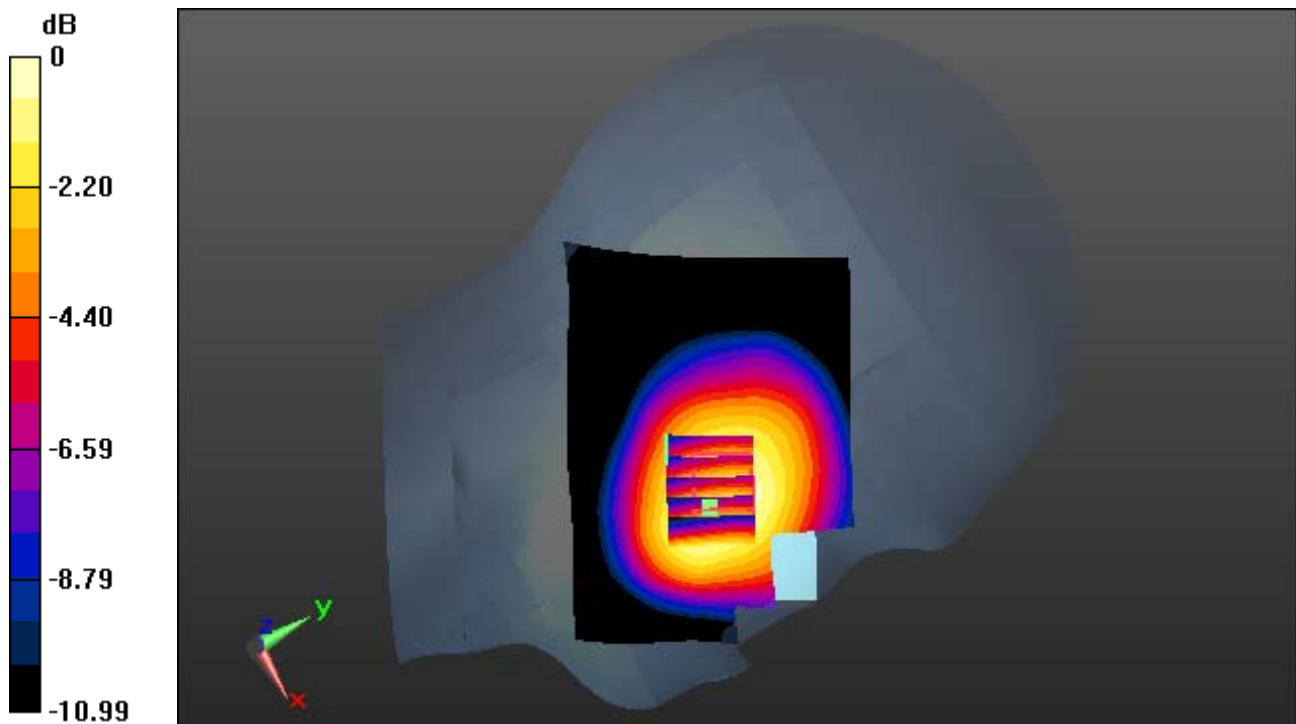
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.469 mW/g

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.268 W/kg



0 dB = 0.421 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.506$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

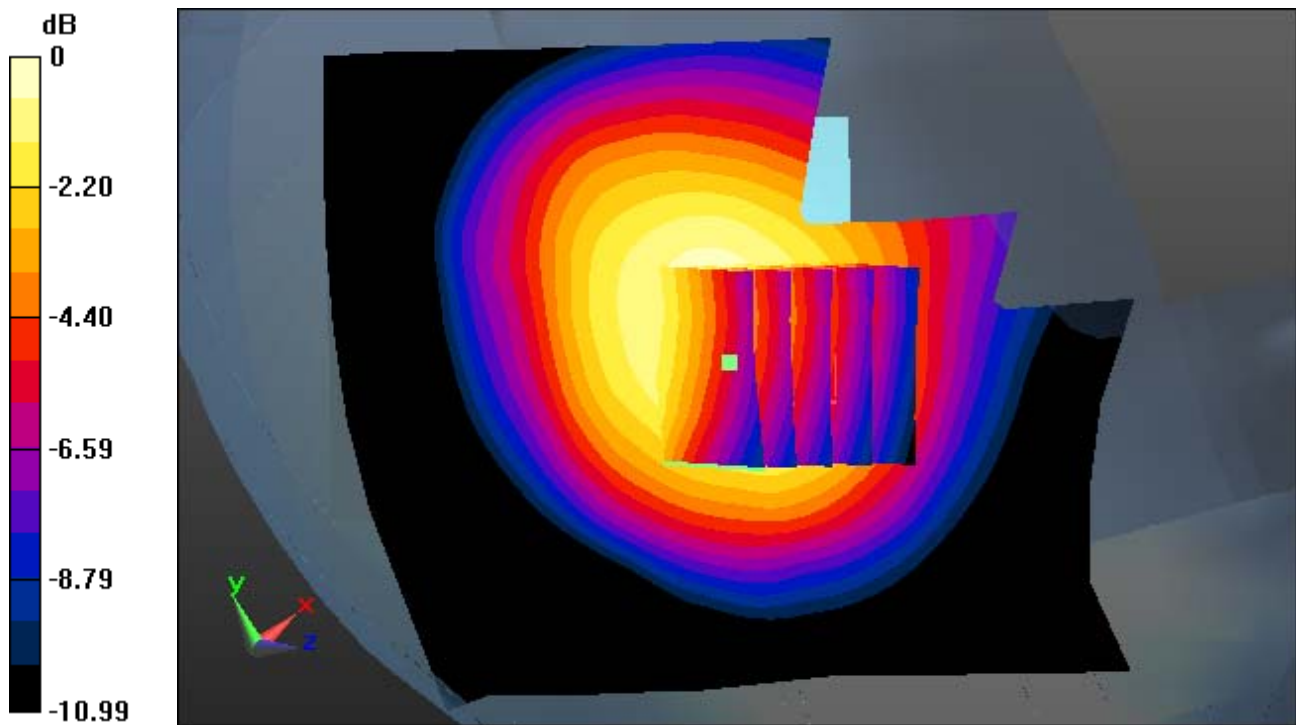
Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-01-02; Ambient Temp: 21.3 Tissue Temp: 21.6

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

With Enlarge plot image

Area Scan (71x101x1): 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 = 0.19 dB
Peak SAR (extrapolated) = 0.469 mW/g
SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.268 mW/g



0 dB = 0.421 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.506$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2013-01-02; Ambient Temp: 21.3 Tissue Temp: 21.6

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

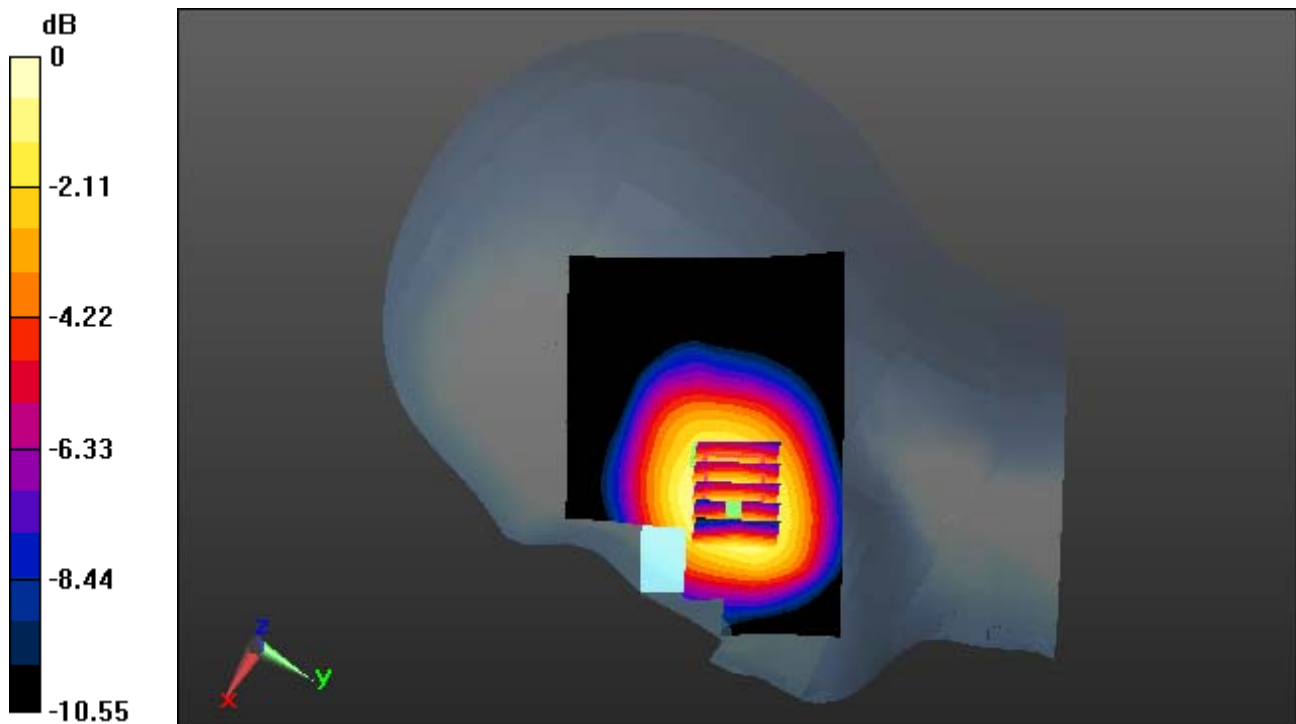
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.558 mW/g

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.340 W/kg



0 dB = 0.514 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.506$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2013-01-02; Ambient Temp: 21.3 Tissue Temp: 21.6

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

With Enlarge plot image

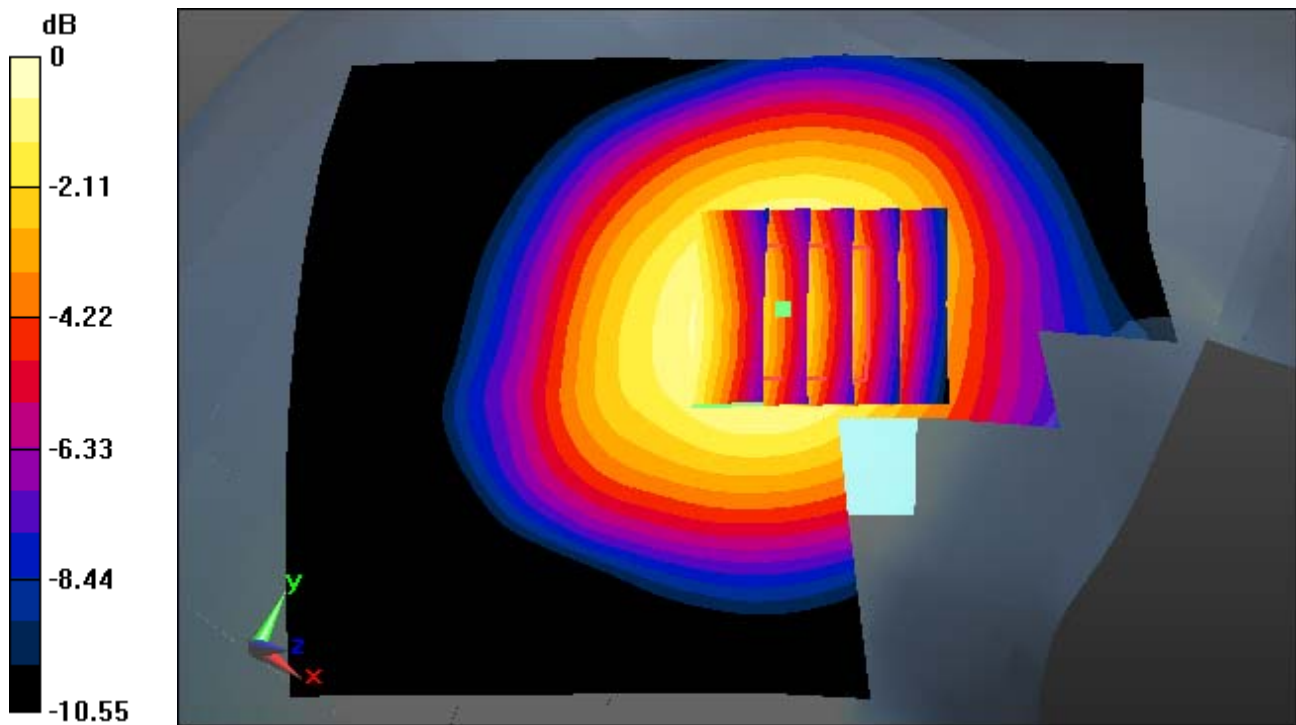
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.558 mW/g

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.340 W/kg



0 dB = 0.514 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.506$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2013-01-02; Ambient Temp: 21.3 Tissue Temp: 21.6

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

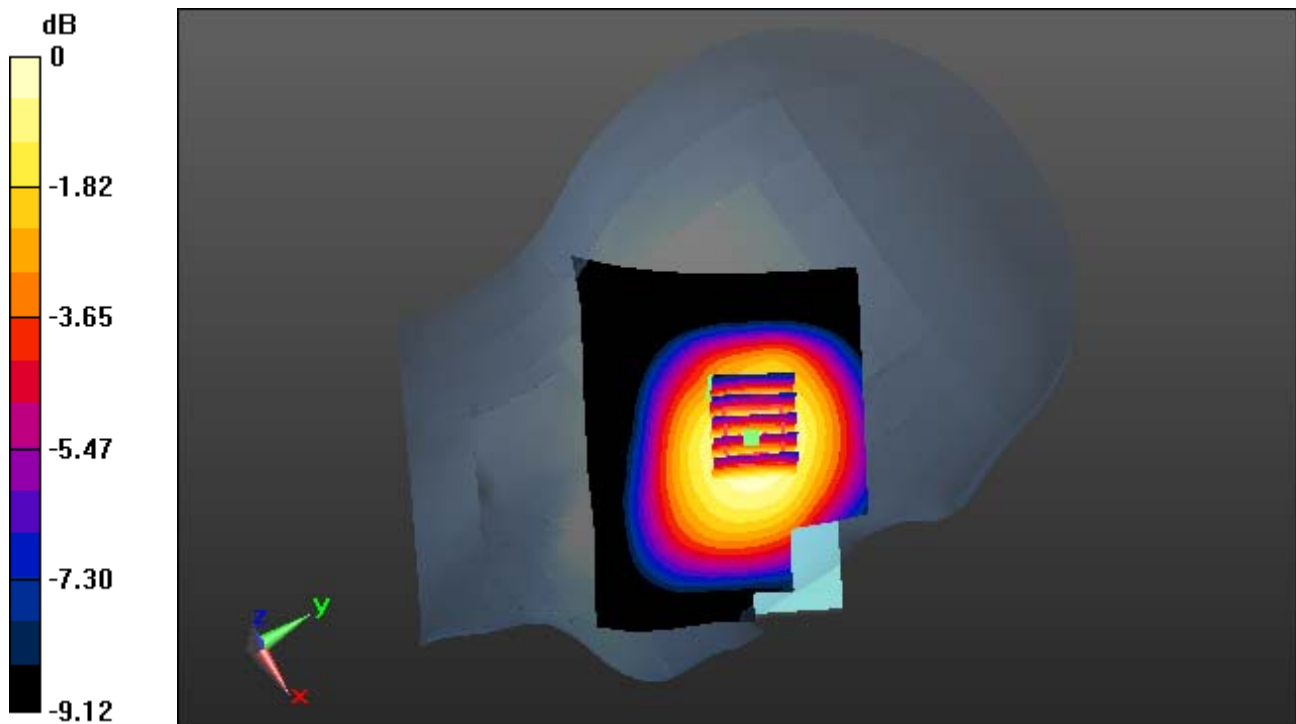
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.283 mW/g

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.171 W/kg



0 dB = 0.258 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.506$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2013-01-02; Ambient Temp: 21.3 Tissue Temp: 21.6

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

With Enlarge plot image

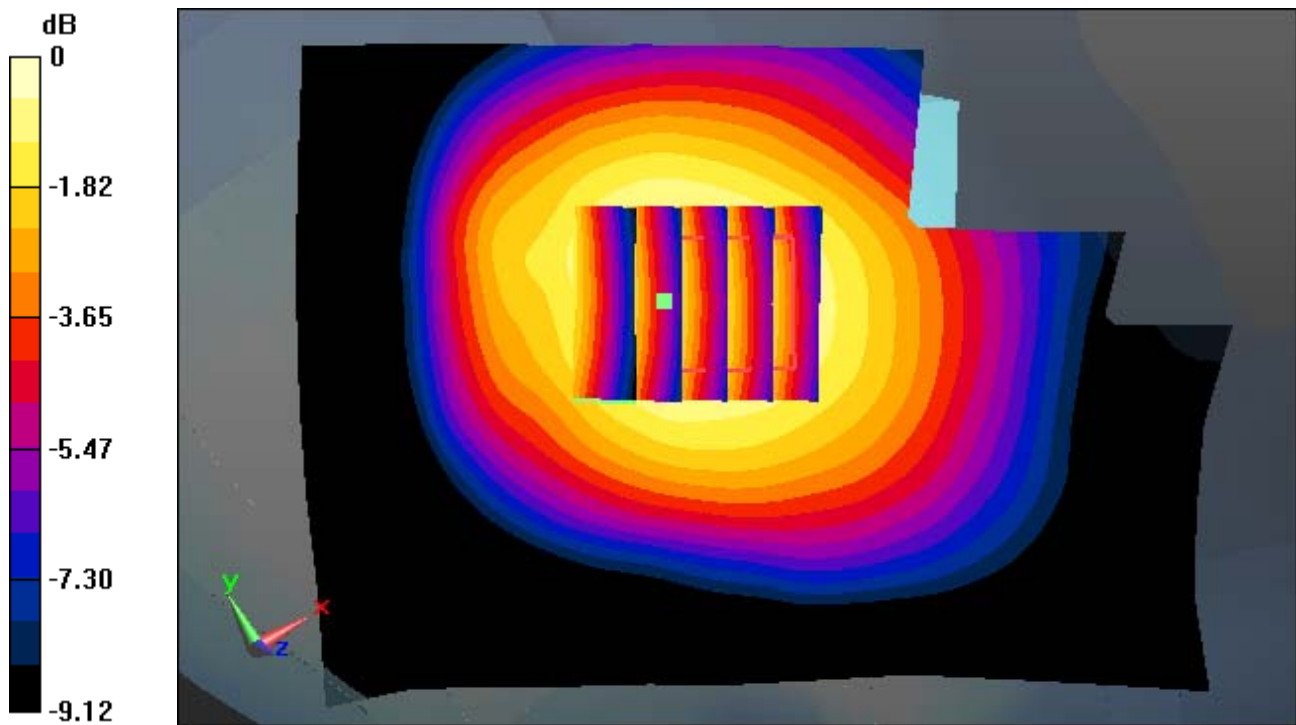
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.283 mW/g

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.171 W/kg



0 dB = 0.258 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.506$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2013-01-02; Ambient Temp: 21.3 Tissue Temp: 21.6

Right Tilt, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

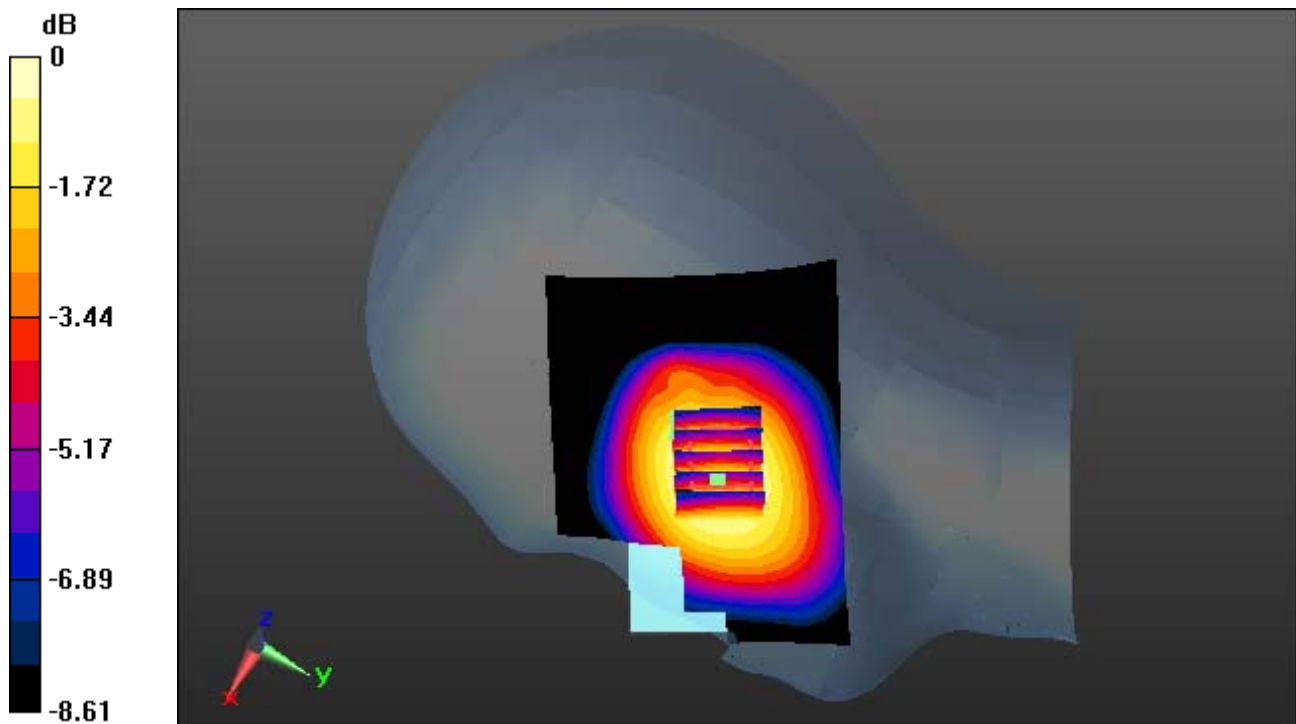
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.298 mW/g

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.183 W/kg



0 dB = 0.273 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.506$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2013-01-02; Ambient Temp: 21.3 Tissue Temp: 21.6

Right Tilt, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

With Enlarge plot image

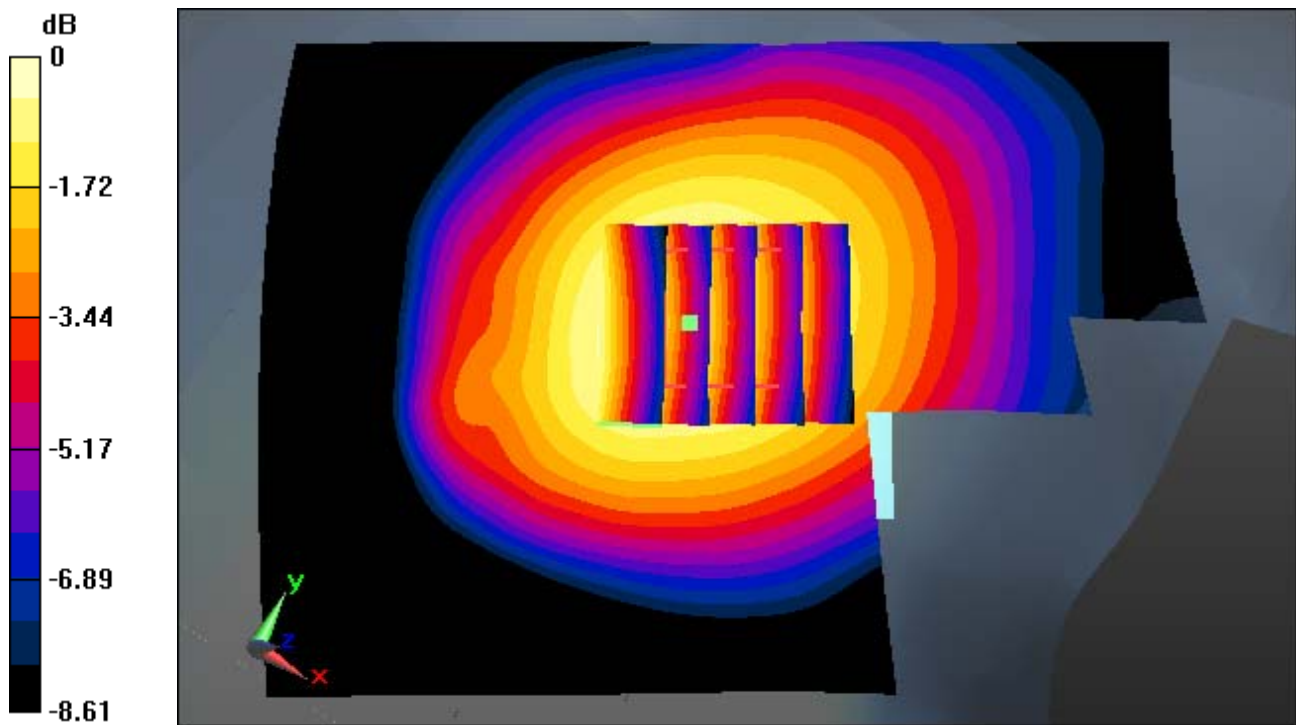
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.298 mW/g

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.183 W/kg



0 dB = 0.273 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.506$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2013-01-02; Ambient Temp: 21.3 Tissue Temp: 21.6

Right Touch, Sim2, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

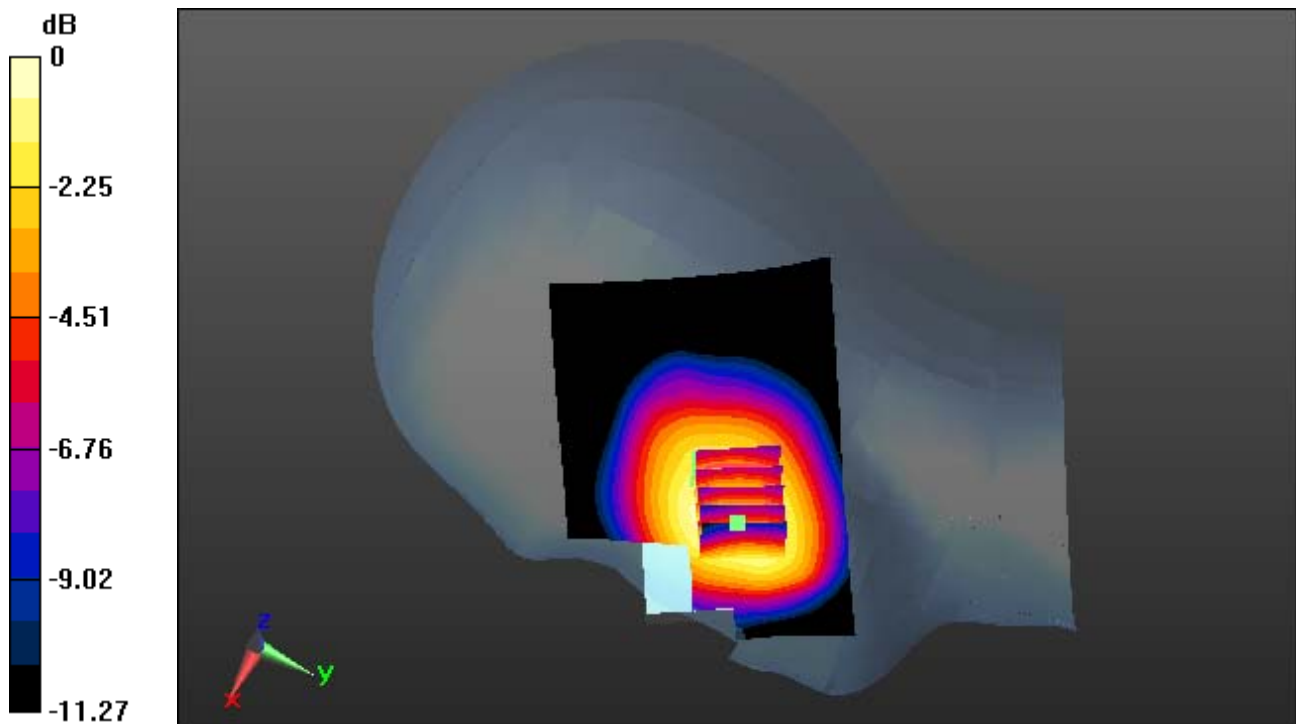
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.554 mW/g

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.334 W/kg



0 dB = 0.510 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.506$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2013-01-02; Ambient Temp: 21.3 Tissue Temp: 21.6

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

With Enlarge plot image

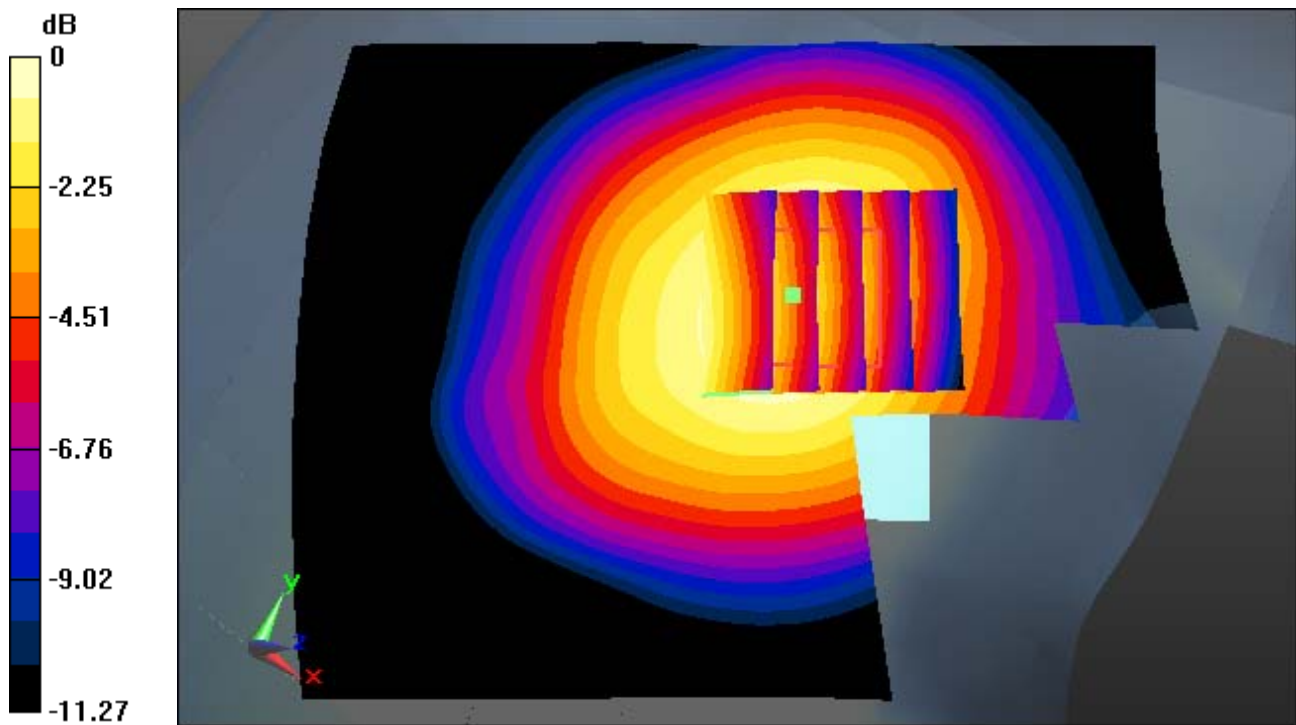
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.554 mW/g

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.334 W/kg



0 dB = 0.510 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.506$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; 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: 2013-01-02; Ambient Temp: 21.3 Tissue Temp: 21.6

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

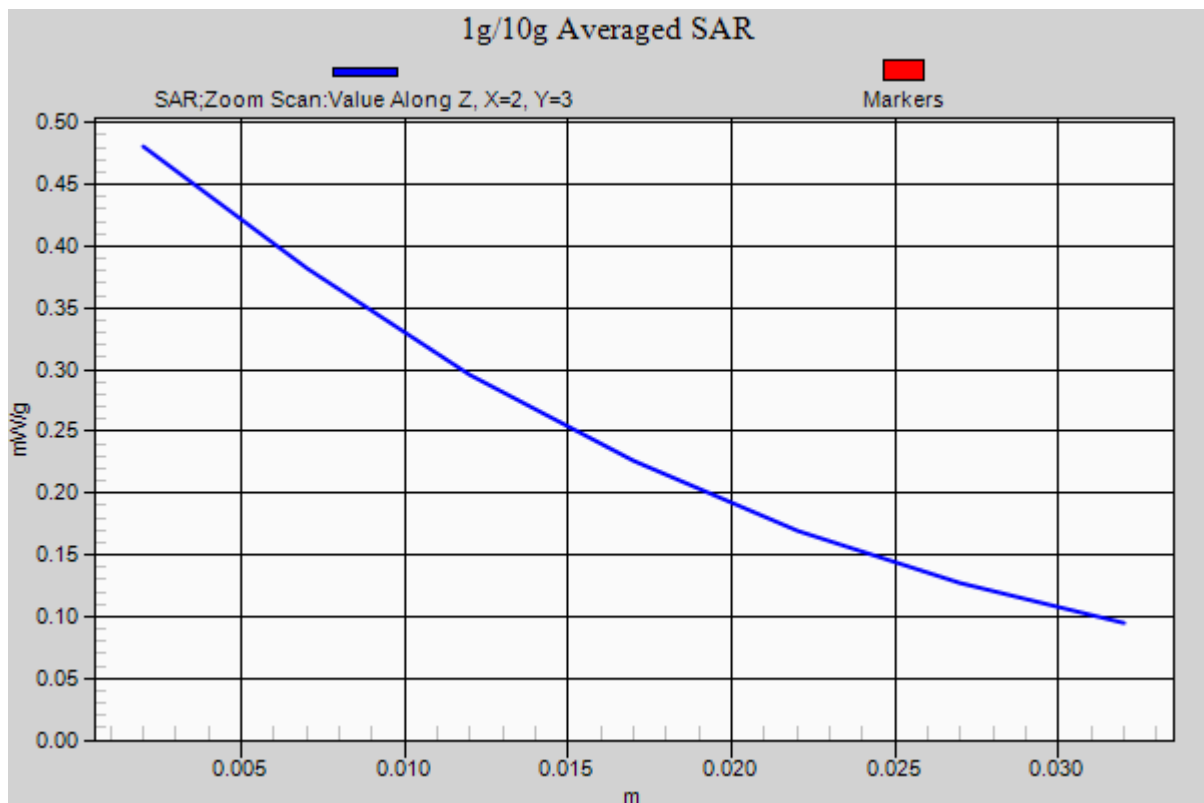
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.558 mW/g

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.340 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

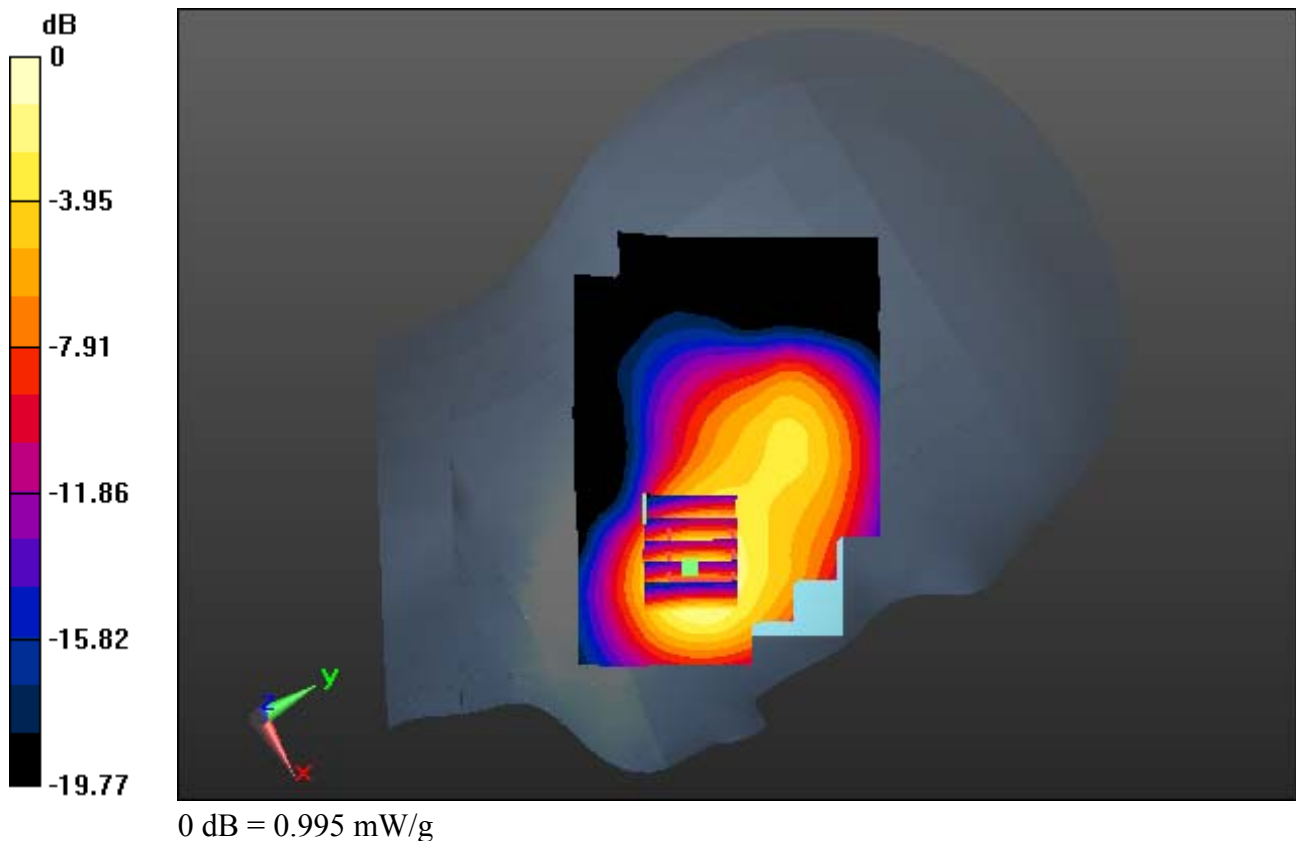
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.223 mW/g

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.435 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

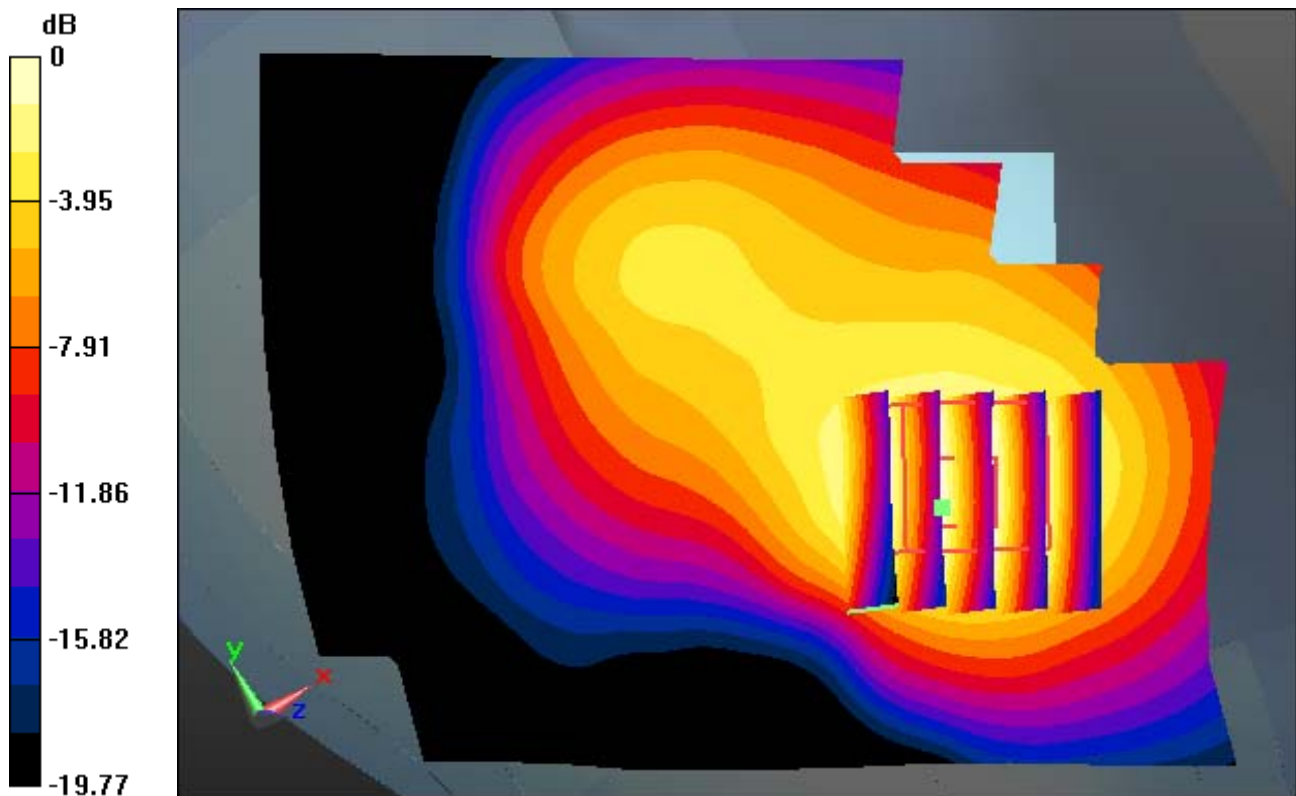
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.223 mW/g

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.435 W/kg



0 dB = 0.995 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

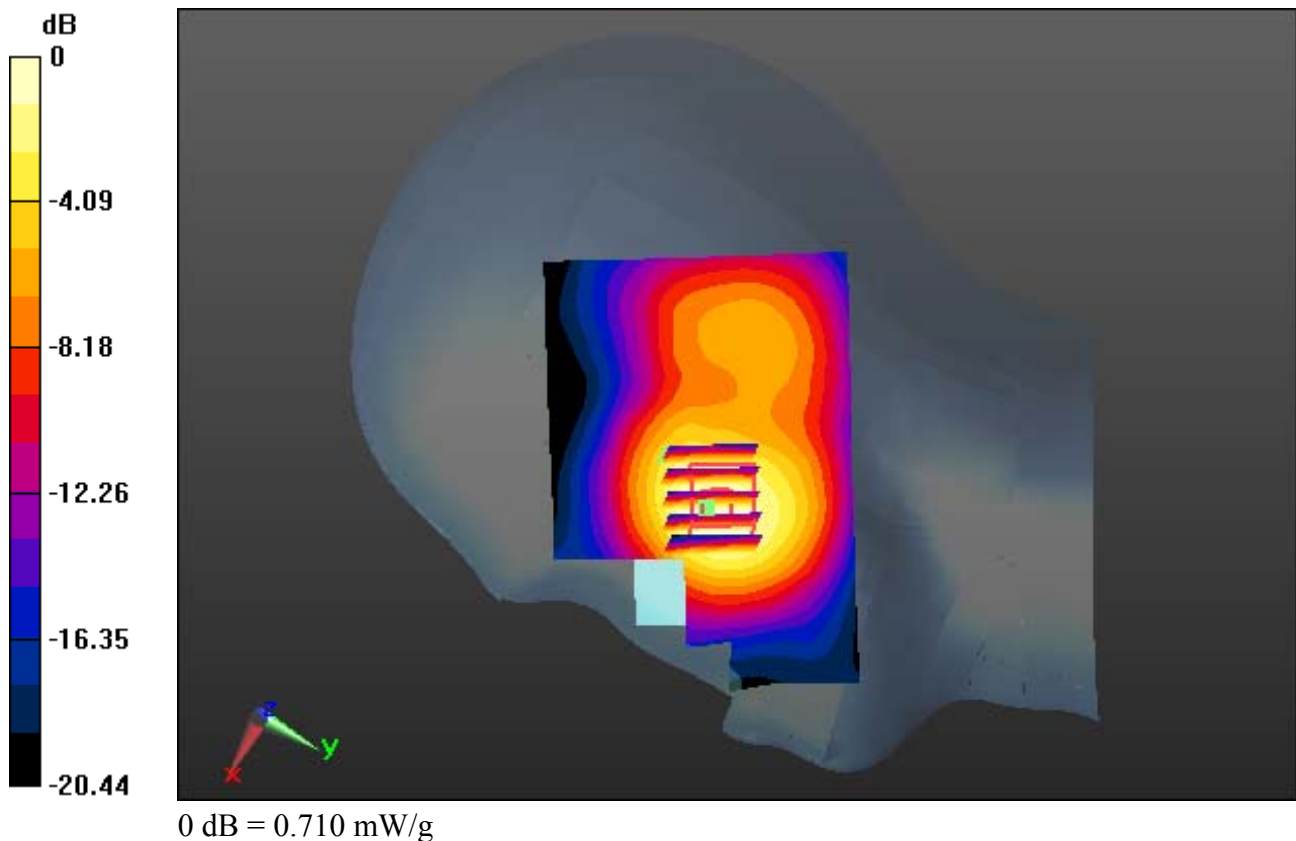
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.893 mW/g

SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.307 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

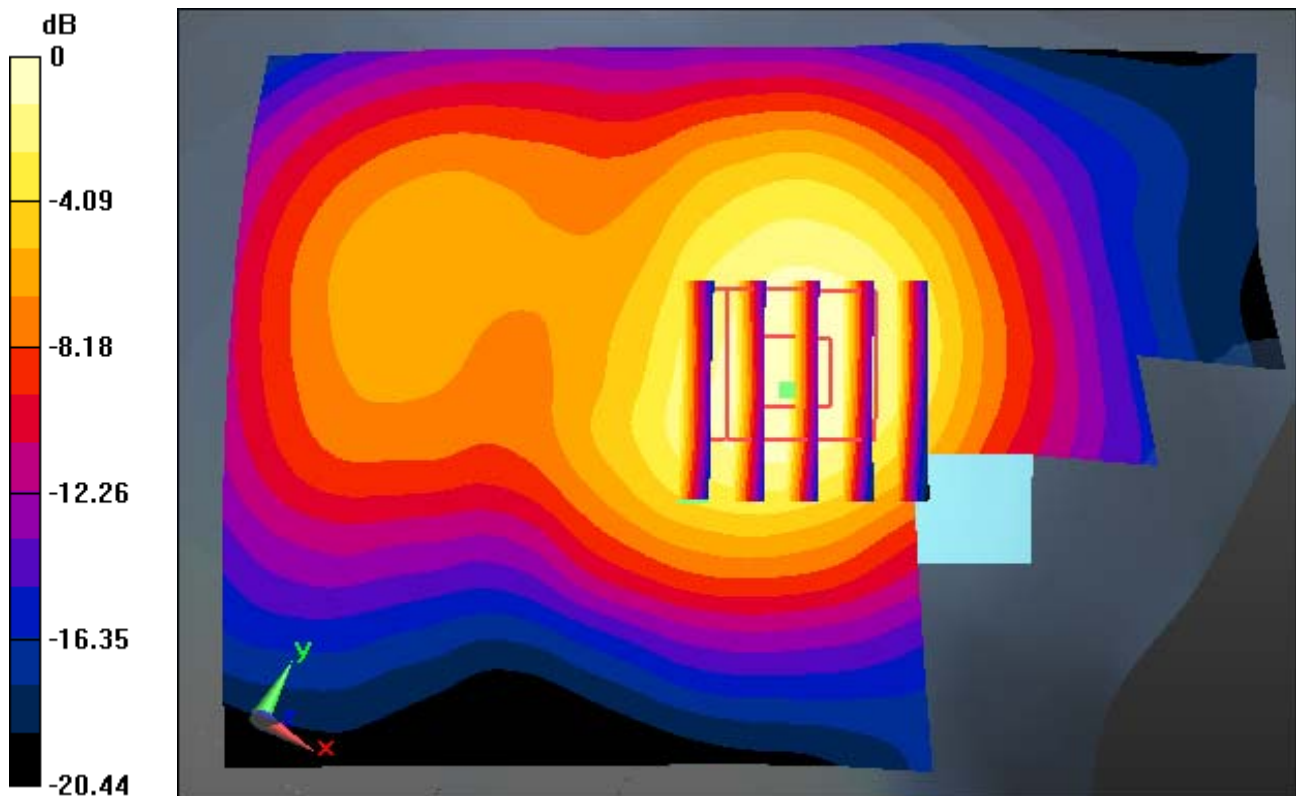
Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (71x101x1): 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 = -0.02 dB
Peak SAR (extrapolated) = 0.893 mW/g
SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.307 W/kg



0 dB = 0.710 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery

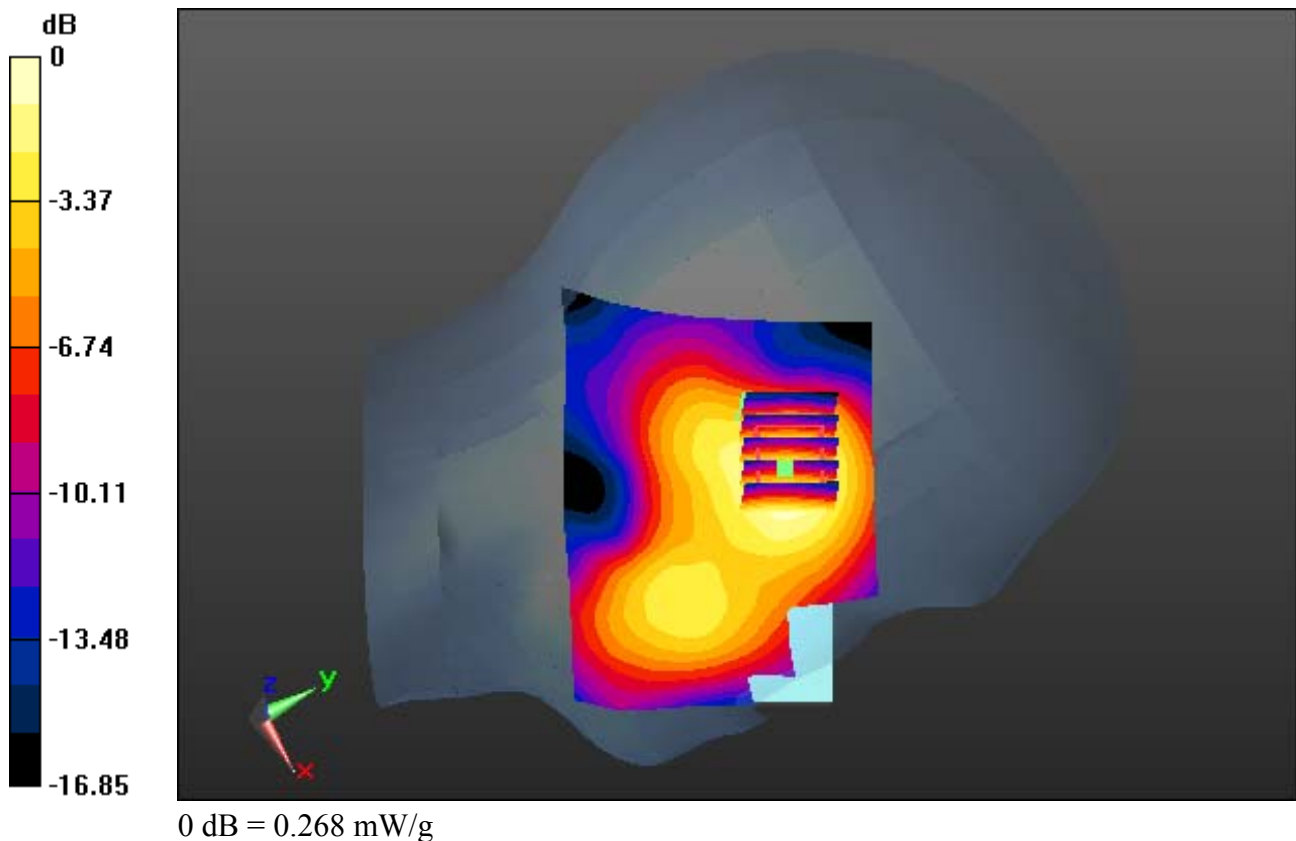
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.328 mW/g

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.127 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

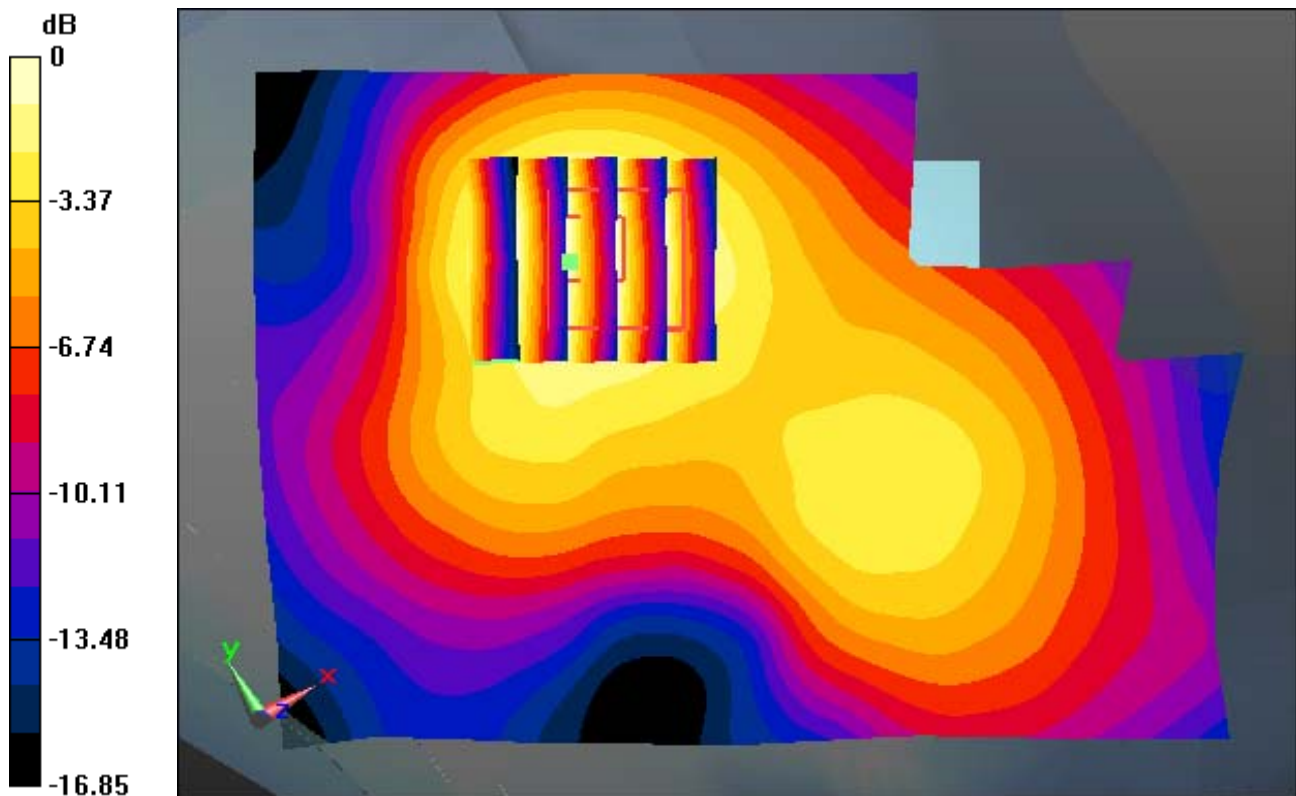
Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (71x101x1): 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 = -0.04 dB
Peak SAR (extrapolated) = 0.328 mW/g
SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.127 W/kg



0 dB = 0.268 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

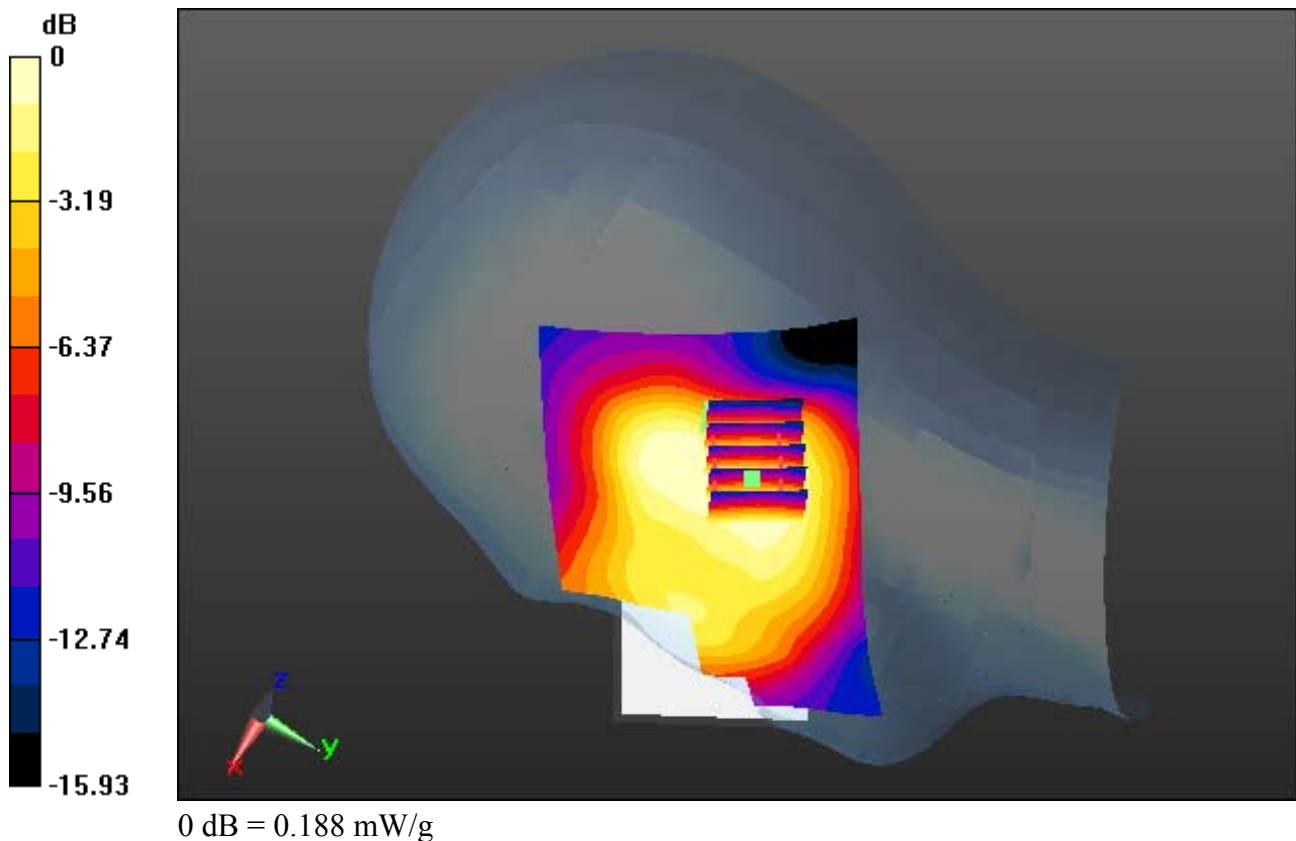
DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Right Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery

Area Scan (71x101x1): 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 = 0.12 dB
Peak SAR (extrapolated) = 0.230 mW/g
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.095 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

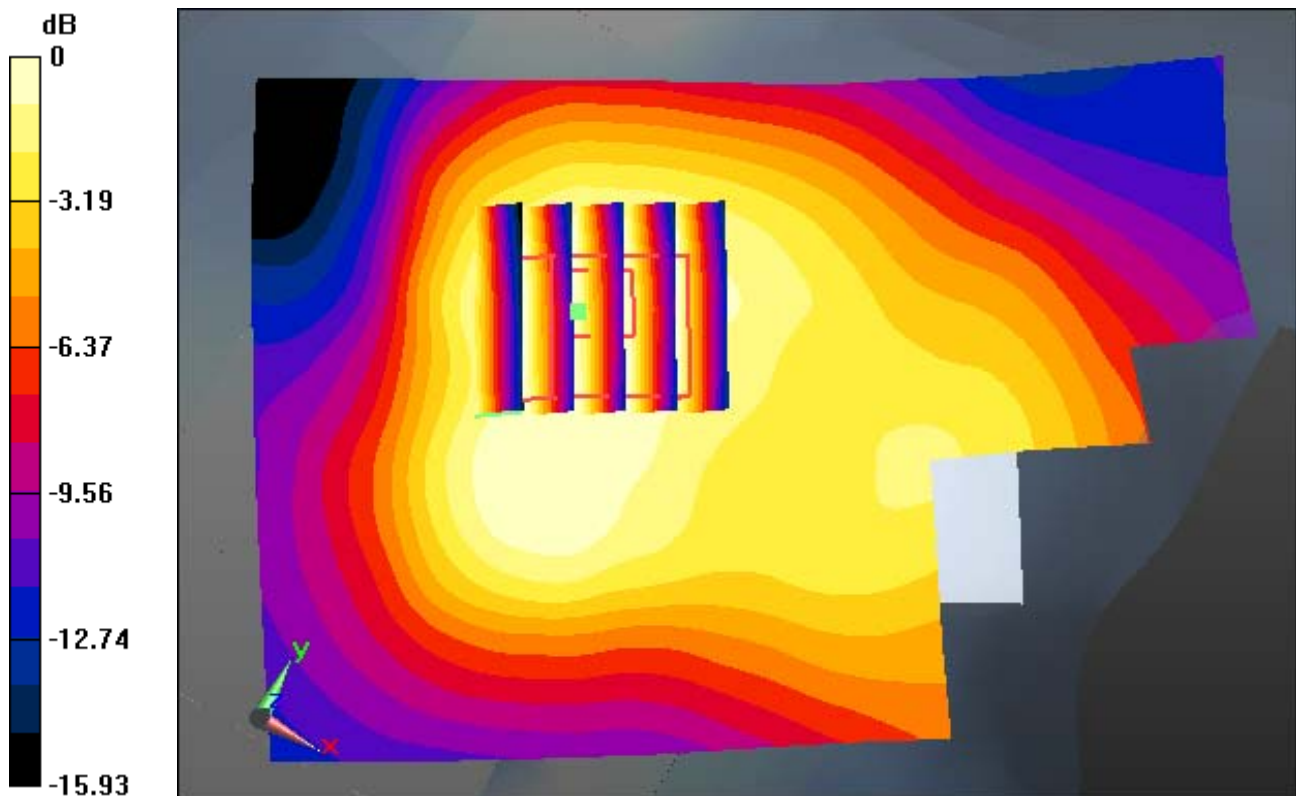
Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Right Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (71x101x1): 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 = 0.12 dB
Peak SAR (extrapolated) = 0.230 mW/g
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 0.188 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, Sim2, PCS1900 Ch. 661, Ant Internal, Standard Battery

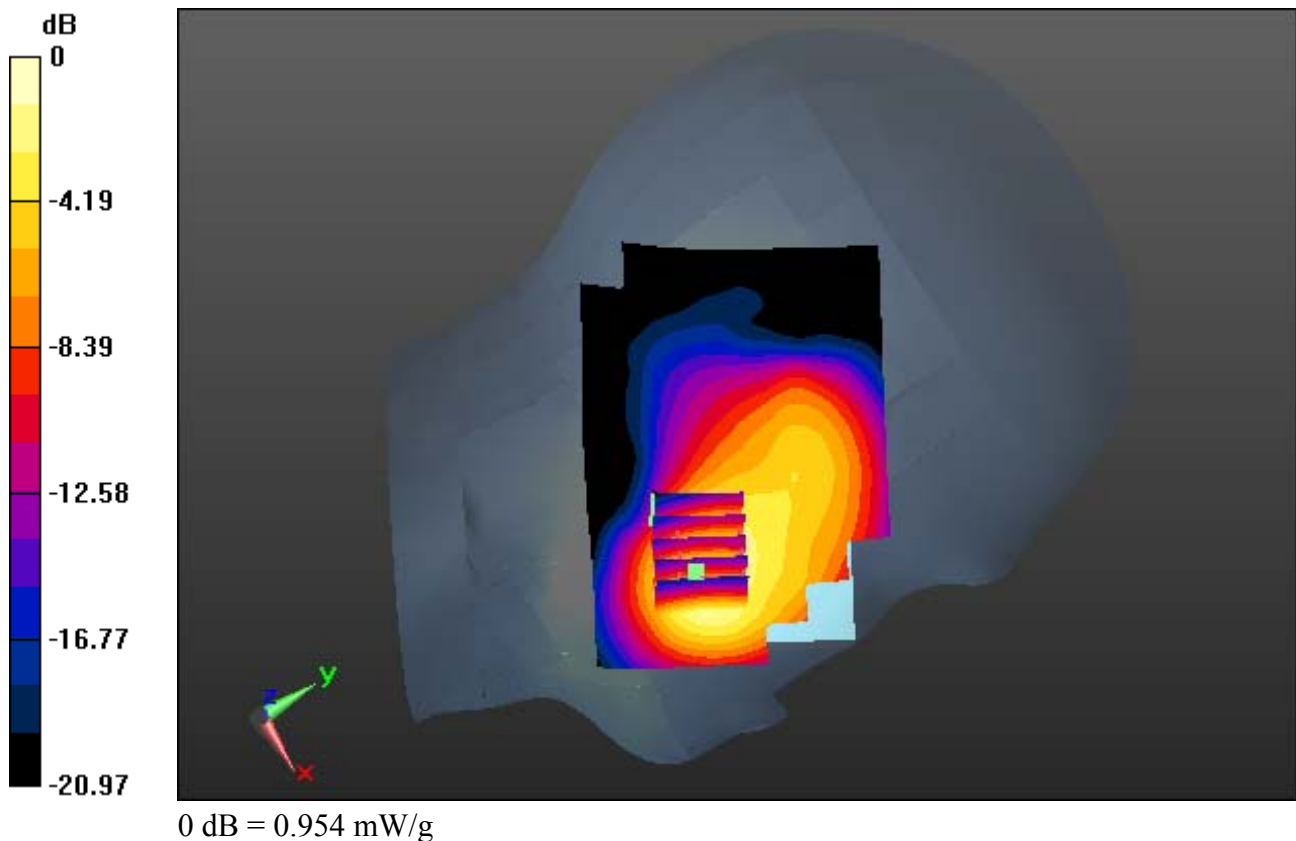
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.202 mW/g

SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.410 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

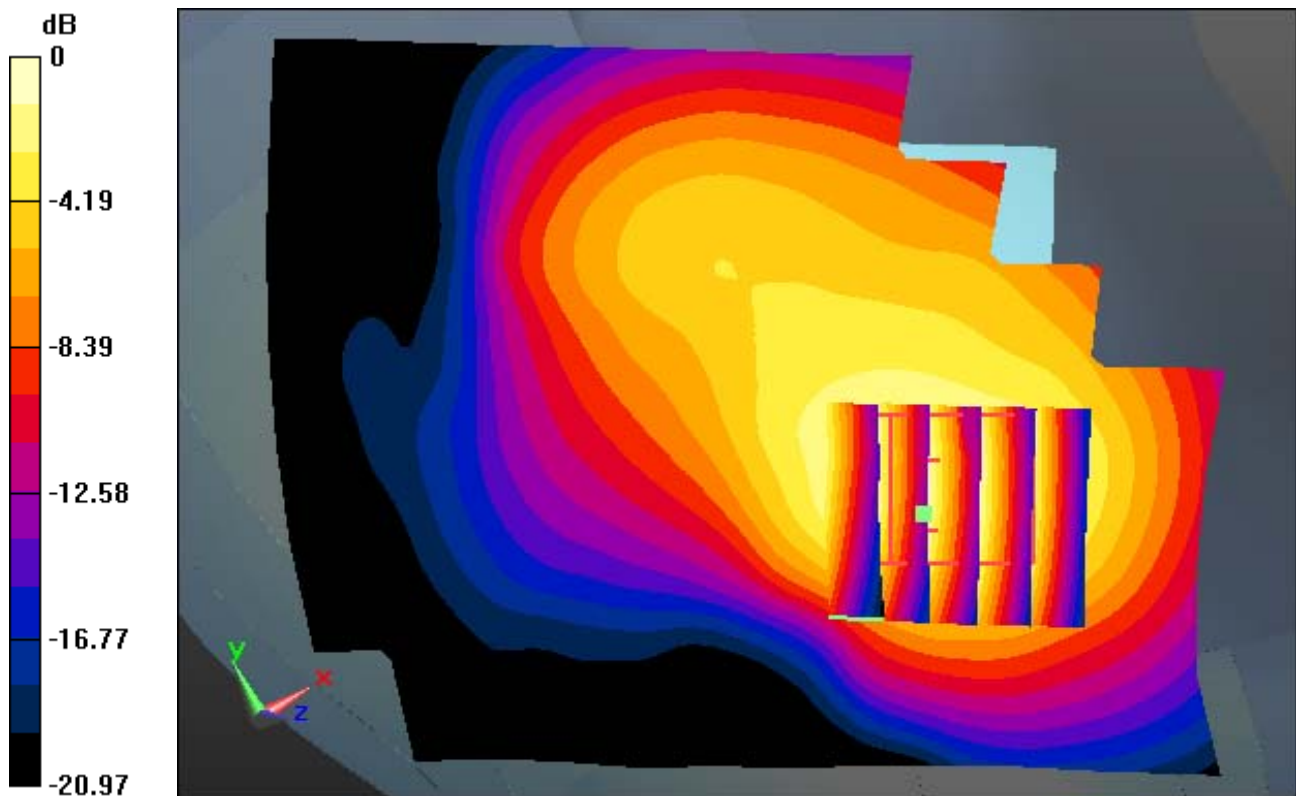
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.202 mW/g

SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.410 W/kg



0 dB = 0.954 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2 Tissue Temp: 21.5

Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

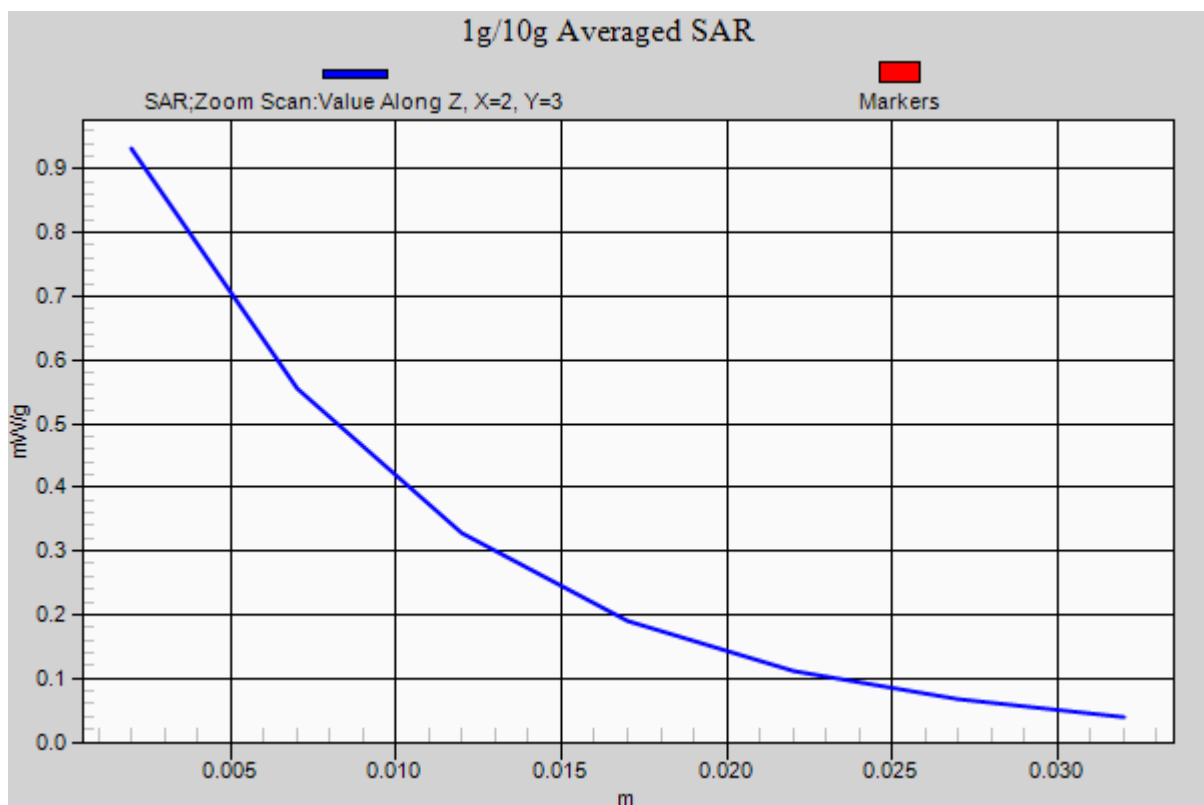
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.223 mW/g

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.435 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 1 Tx Ch. 661, Ant Internal, Standard Battery

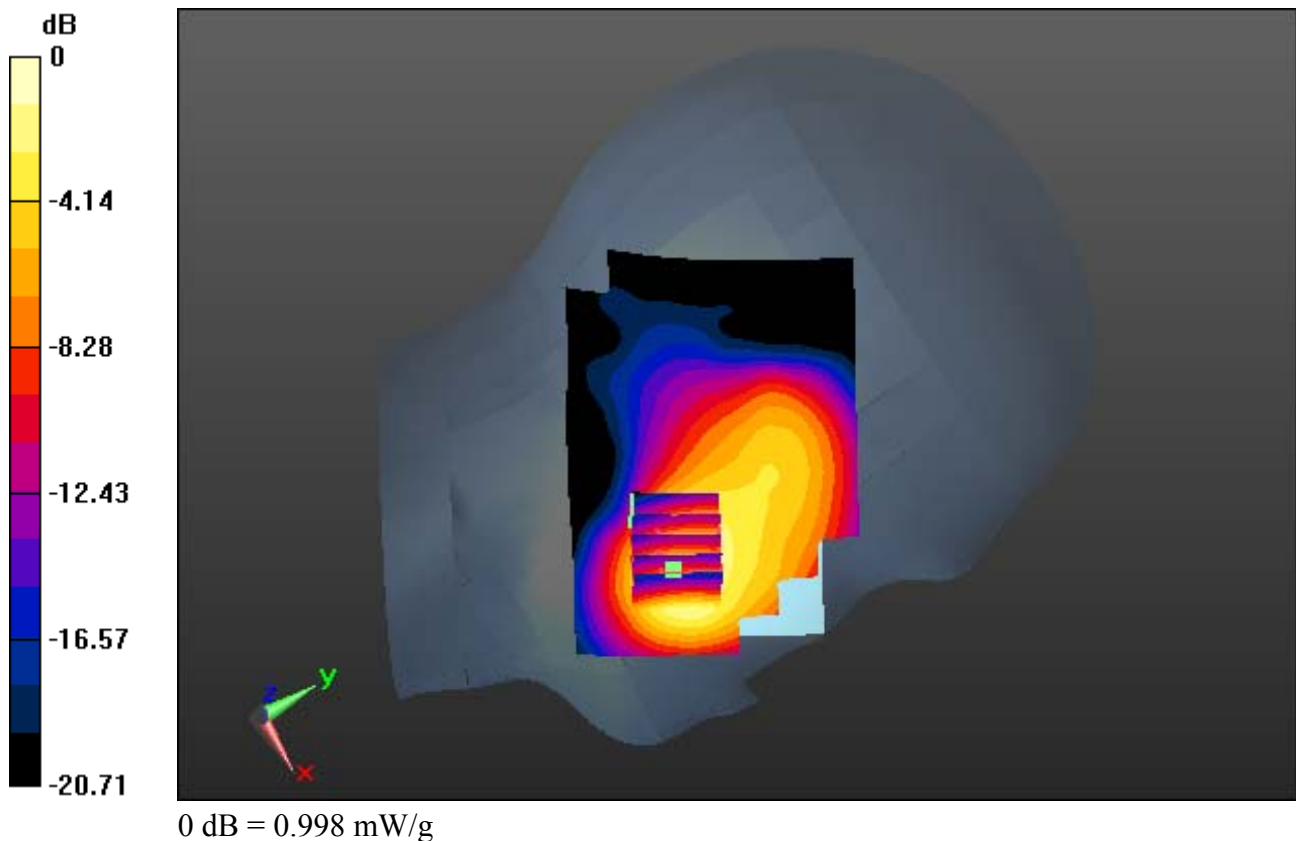
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.258 mW/g

SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.429 mW/g



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 1 Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

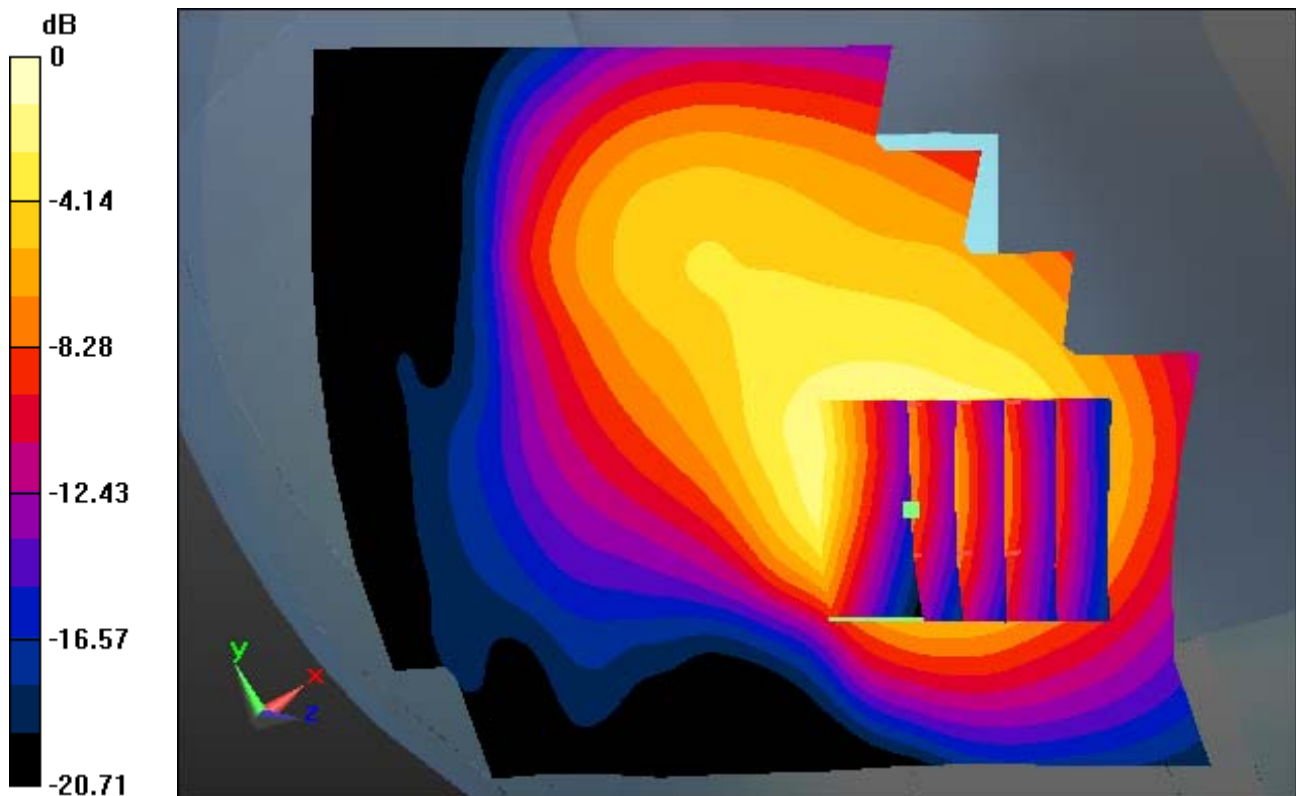
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.258 mW/g

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.429 W/kg



0 dB = 0.998 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

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

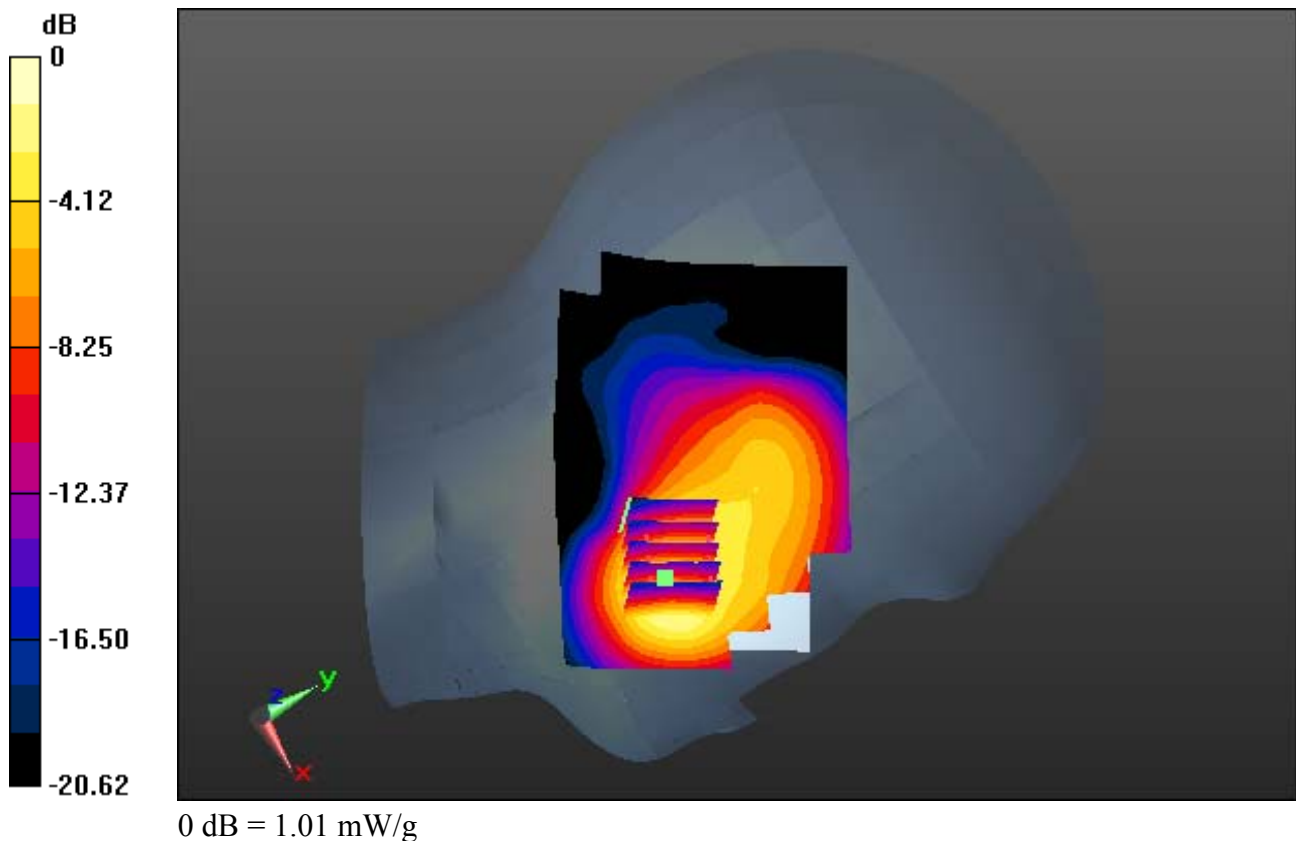
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.246 mW/g

SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.423 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

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

With Enlarge plot image

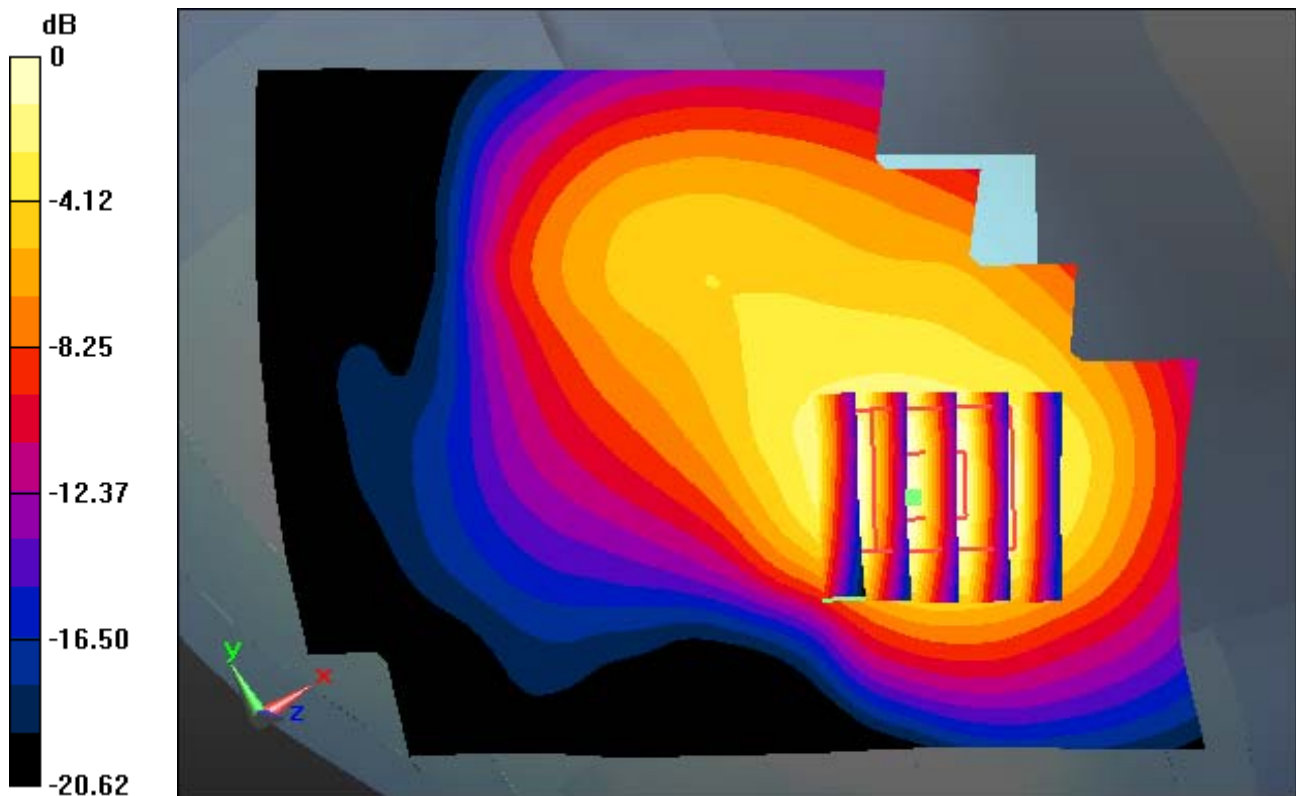
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.246 mW/g

SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.423 W/kg



0 dB = 1.01 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r = 39.956$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 3 Tx Ch. 512, Ant Internal, Standard Battery

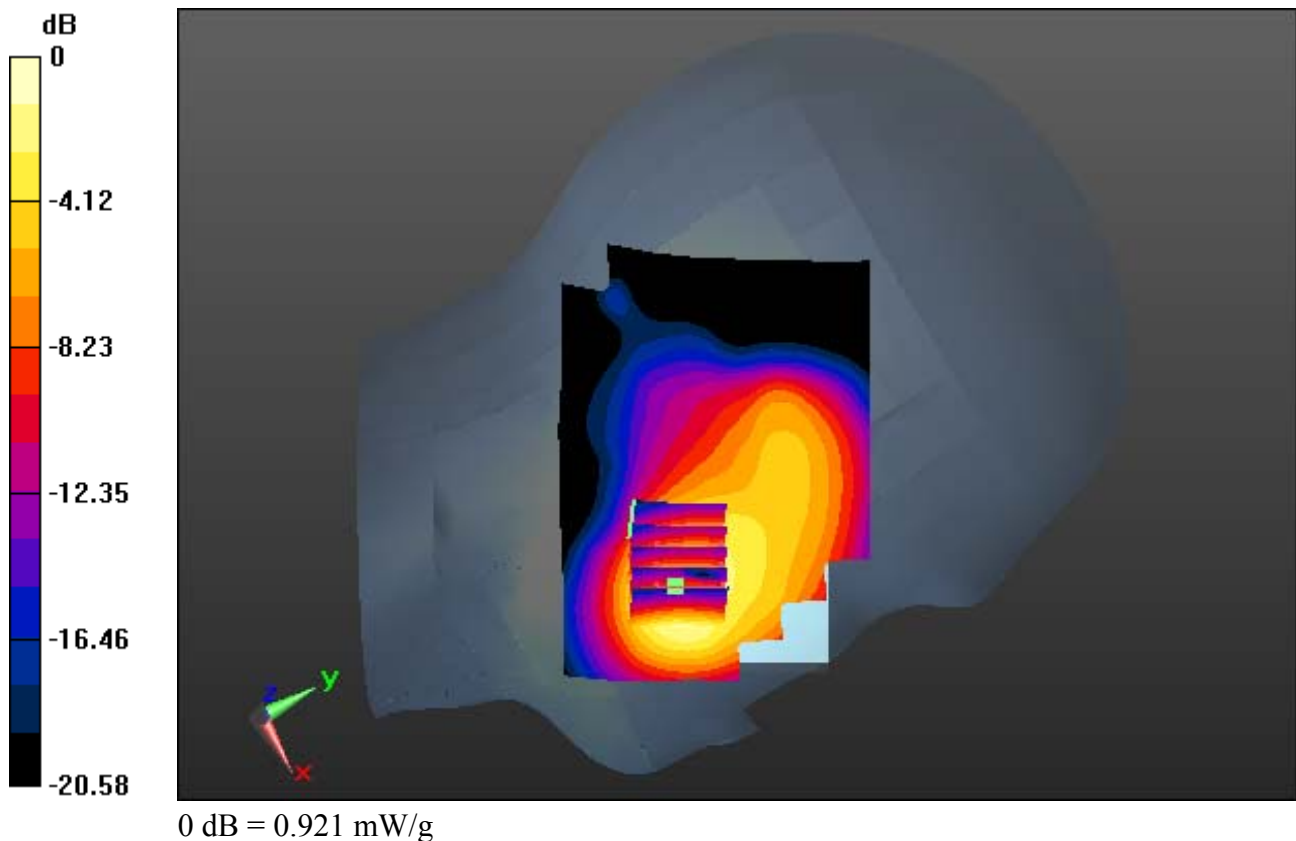
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.140 mW/g

SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.389 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r = 39.956$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 3 Tx Ch. 512, Ant Internal, Standard Battery

With Enlarge plot image

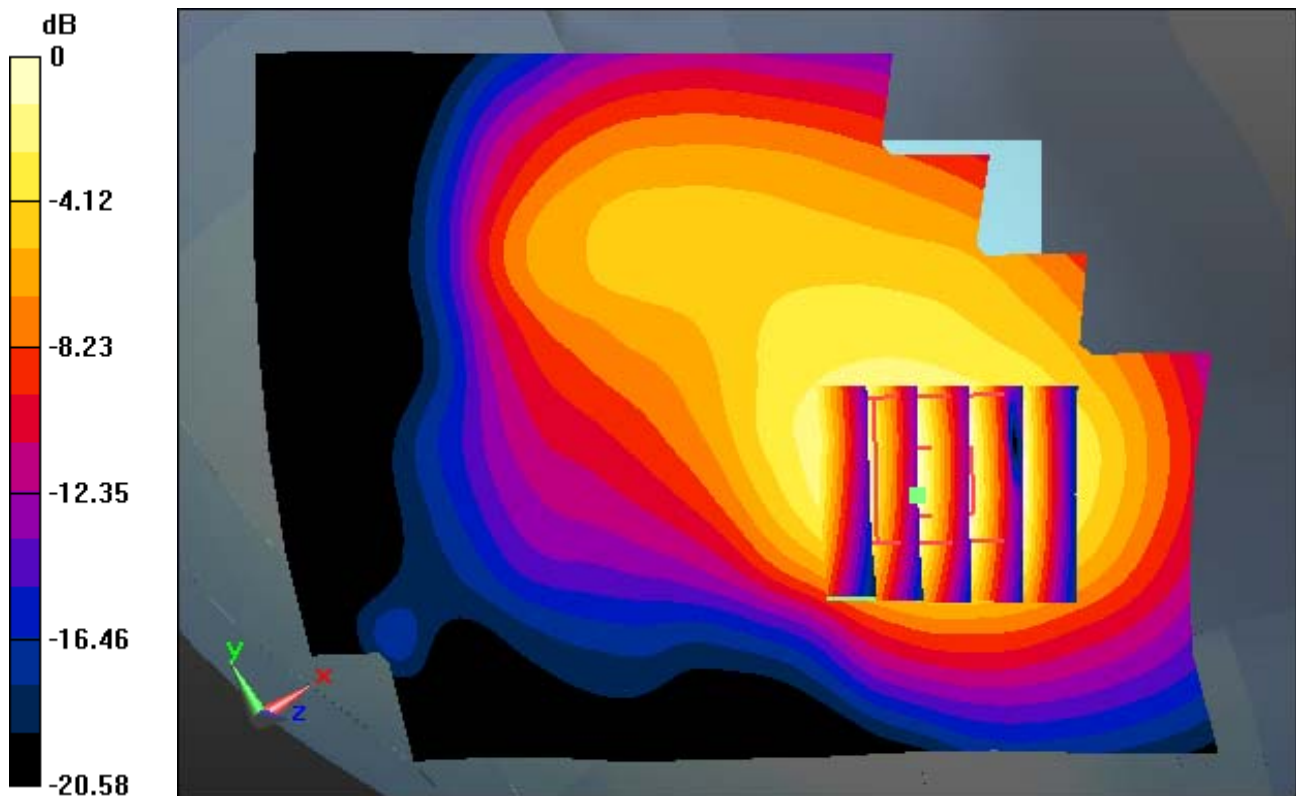
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.140 mW/g

SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.389 W/kg



0 dB = 0.921 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery

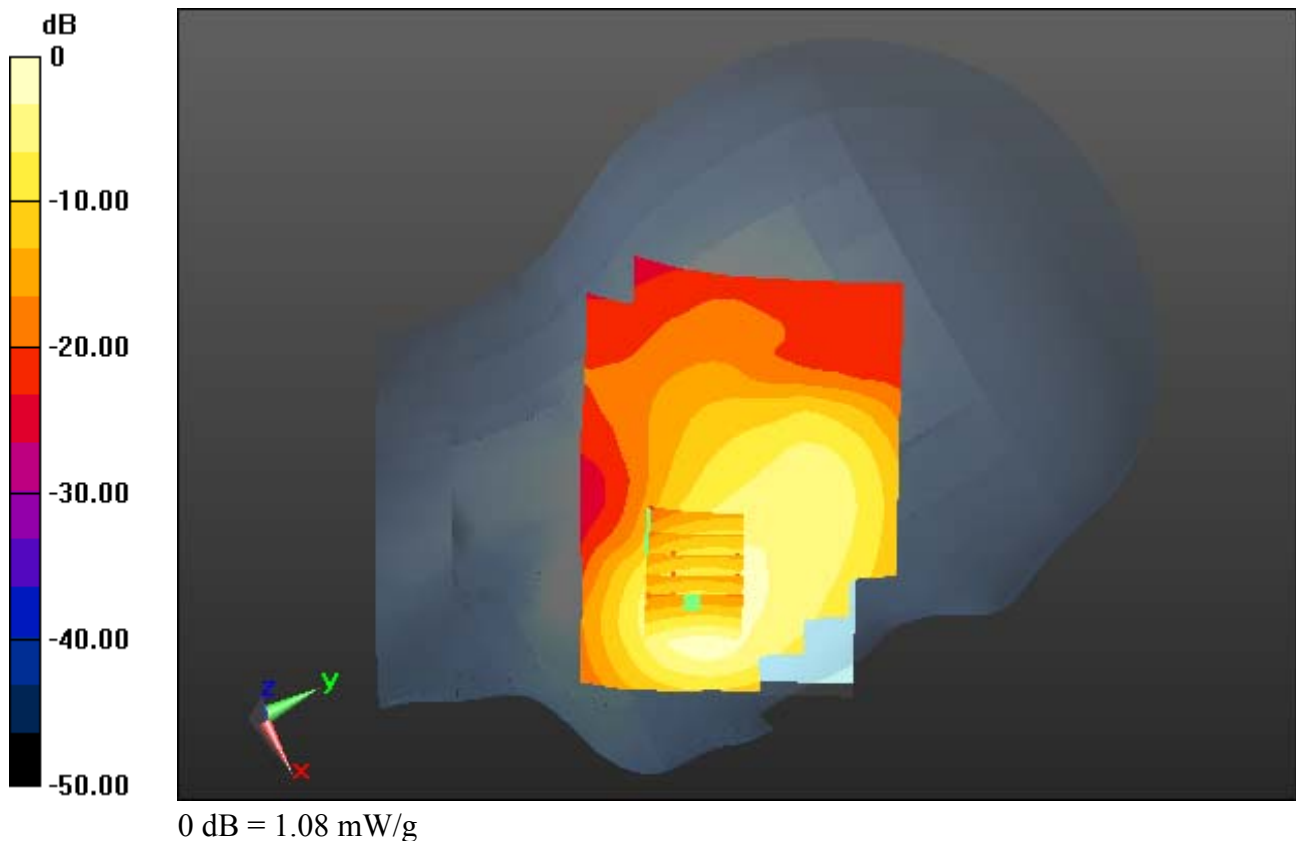
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.339 mW/g

SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.457 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

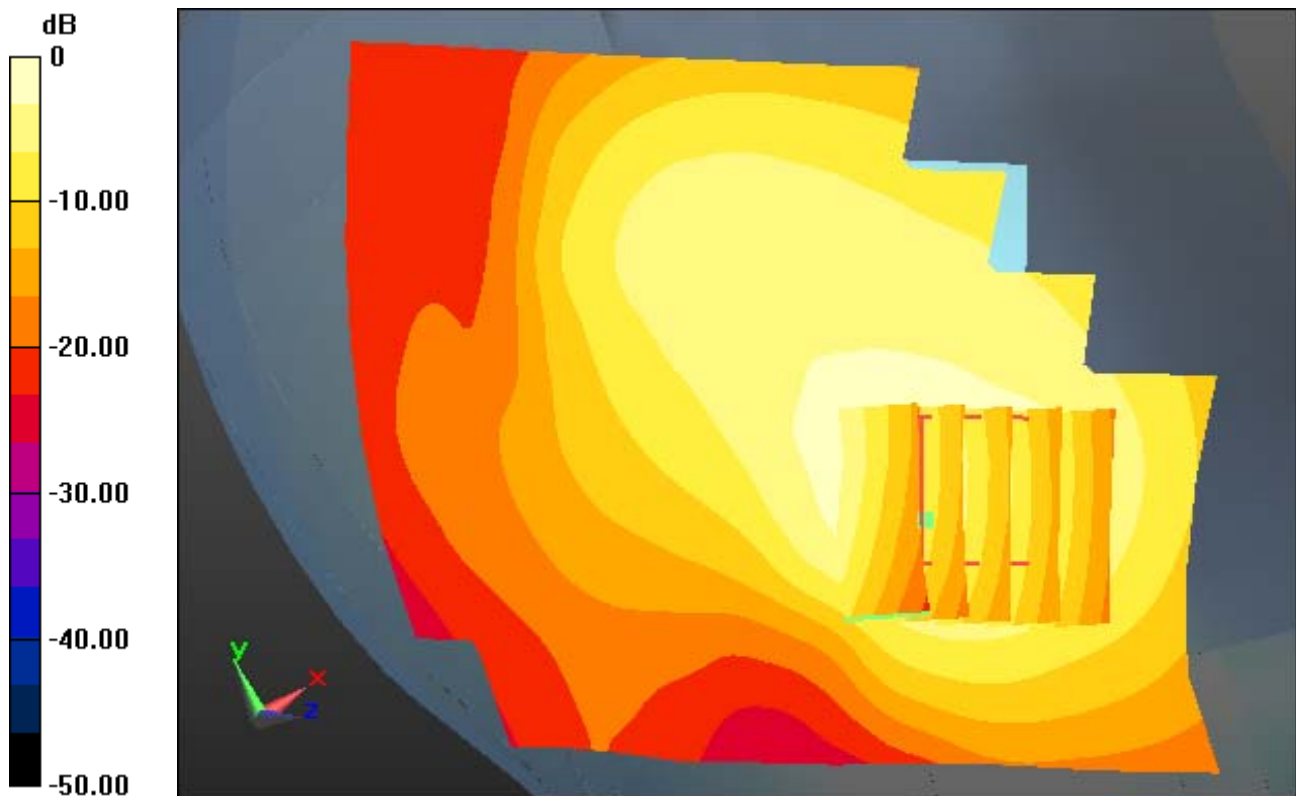
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.339 mW/g

SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.457 W/kg



0 dB = 1.08 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r = 39.792$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 3 Tx Ch. 810, Ant Internal, Standard Battery

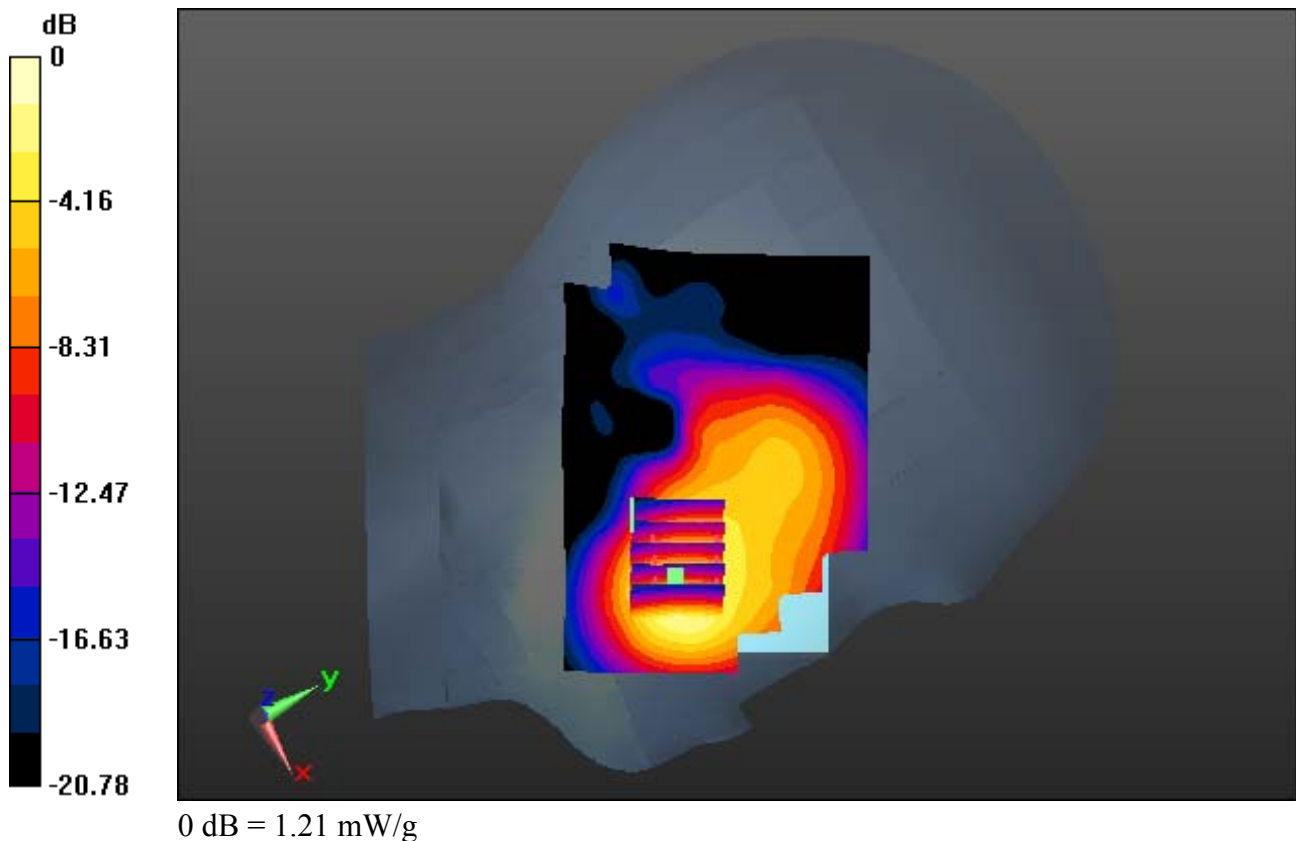
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.502 mW/g

SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.496 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r = 39.792$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 3 Tx Ch. 810, Ant Internal, Standard Battery

With Enlarge plot image

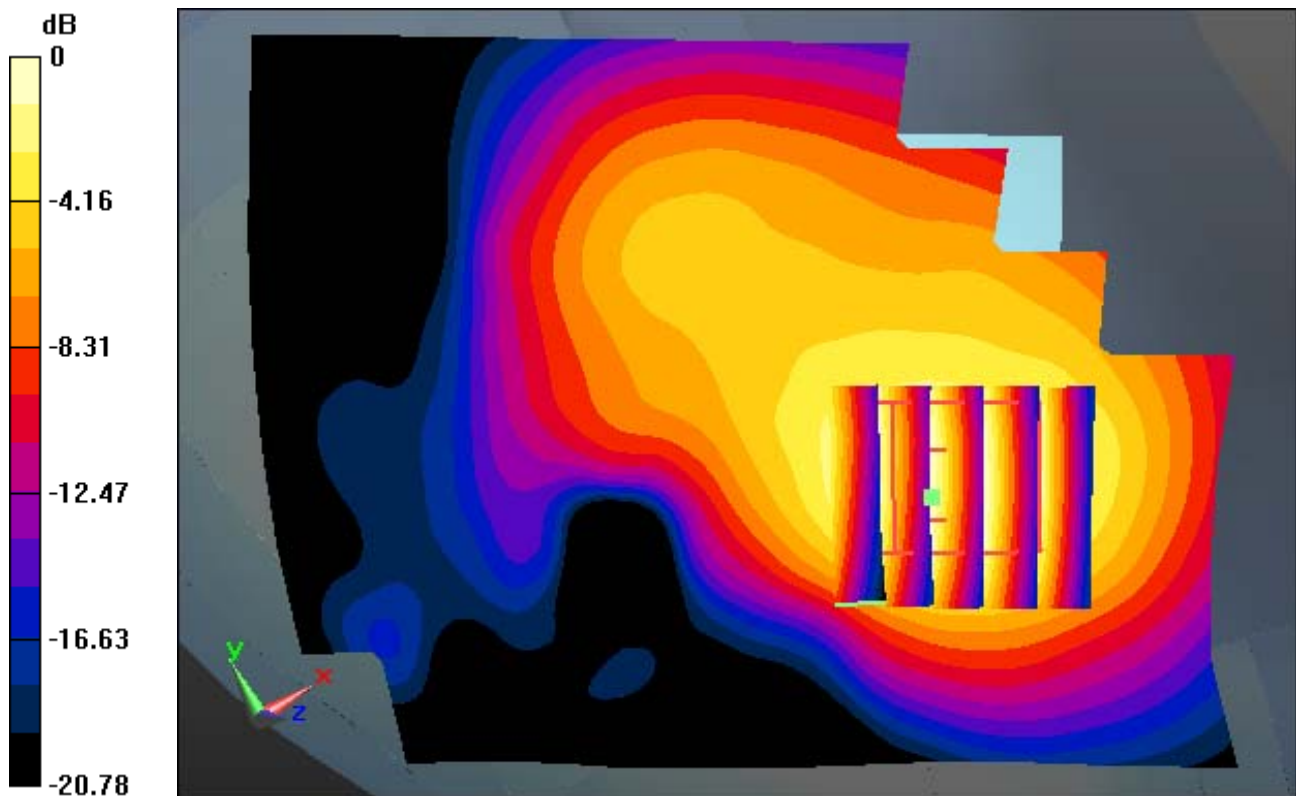
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.502 mW/g

SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.496 W/kg



0 dB = 1.21 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery

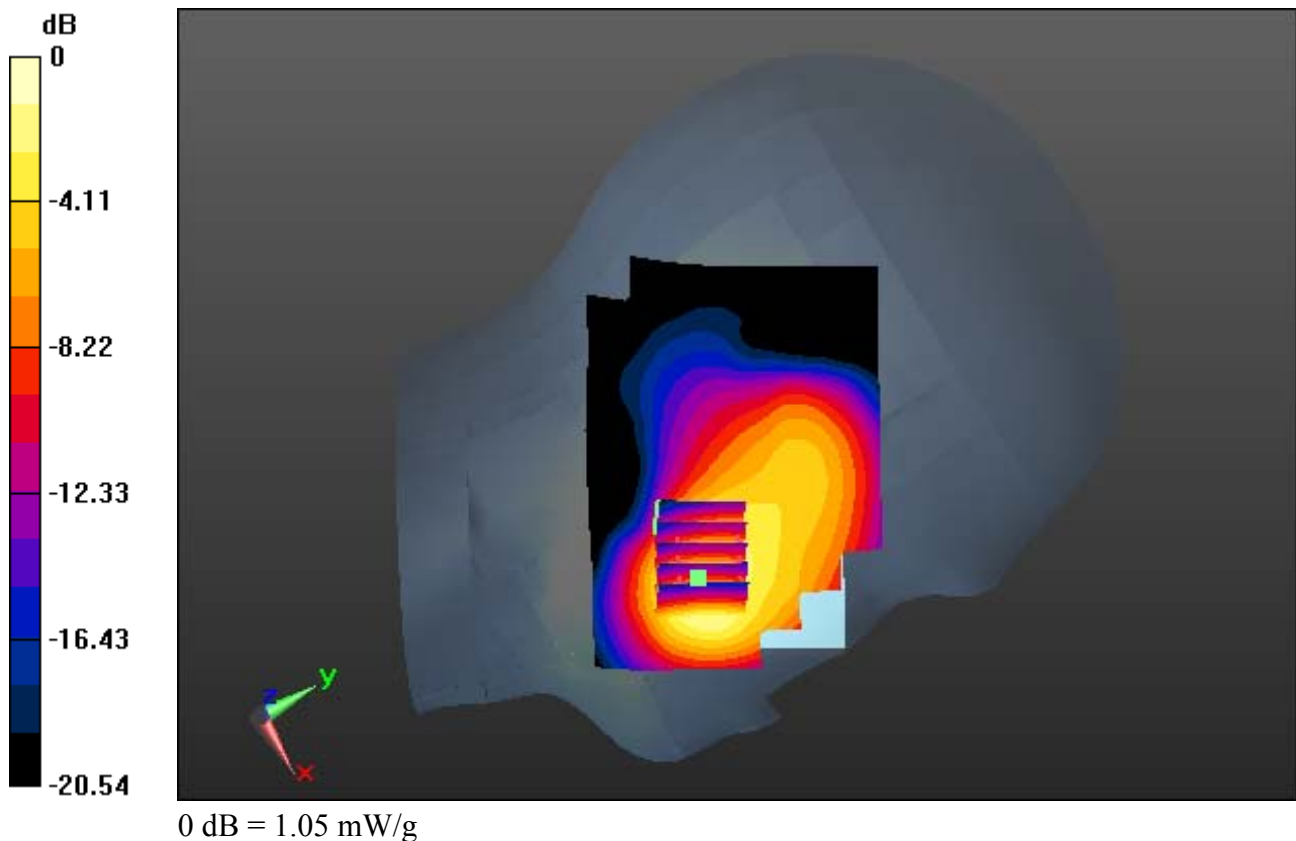
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.300 mW/g

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.441 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

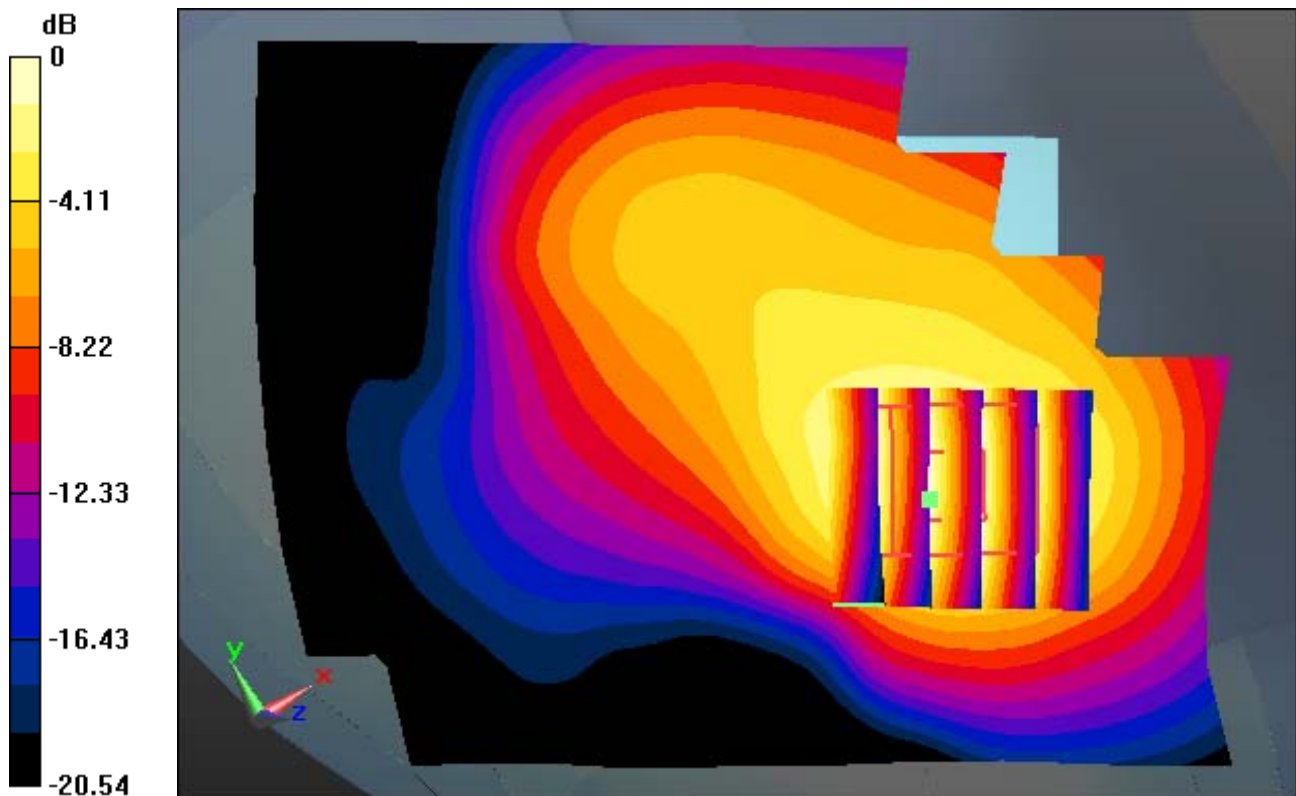
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.300 mW/g

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.441 W/kg



0 dB = 1.05 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Right Touch, PCS1900 GPRS1900 3 Tx Ch. 661, Ant Internal, Standard Battery

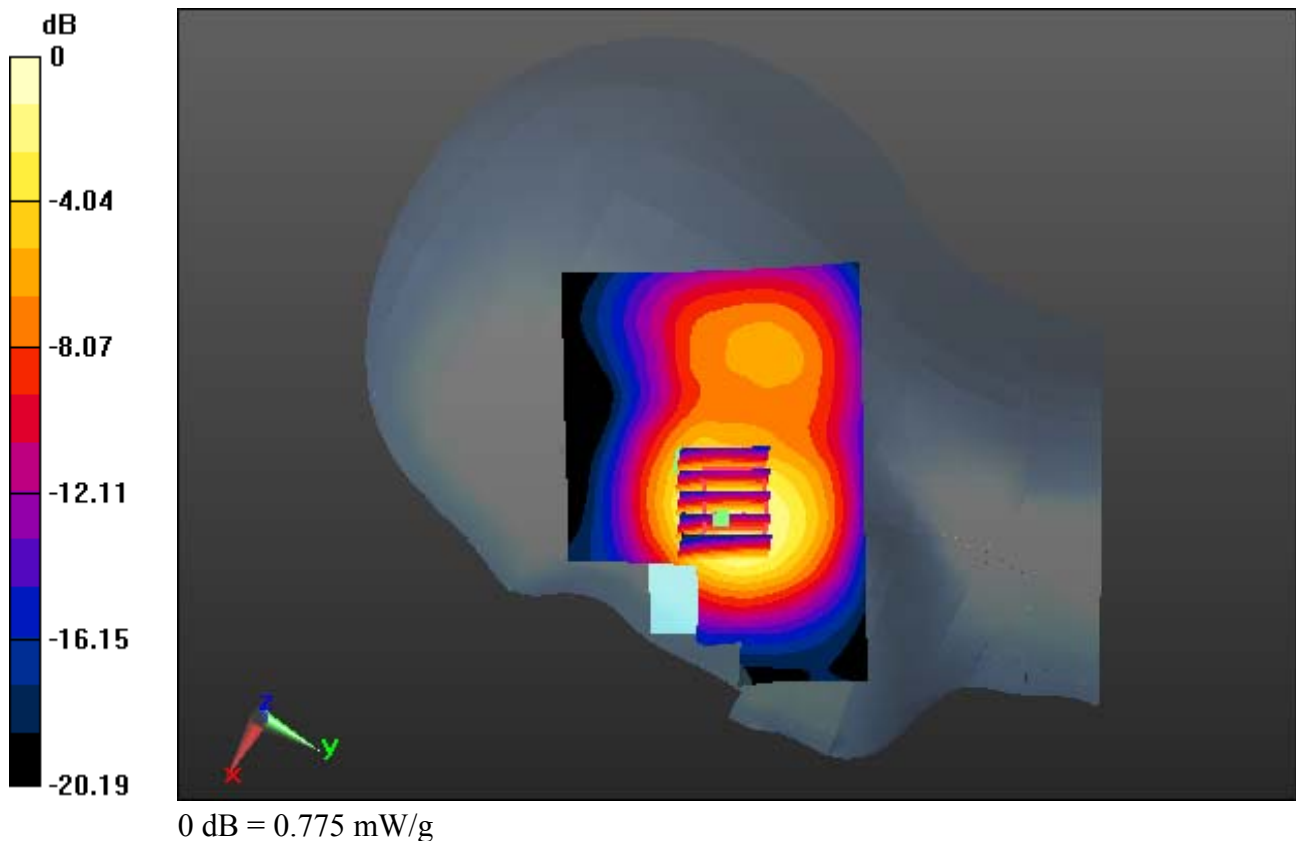
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.975 mW/g

SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.336 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Right Touch, PCS1900 GPRS1900 3 Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

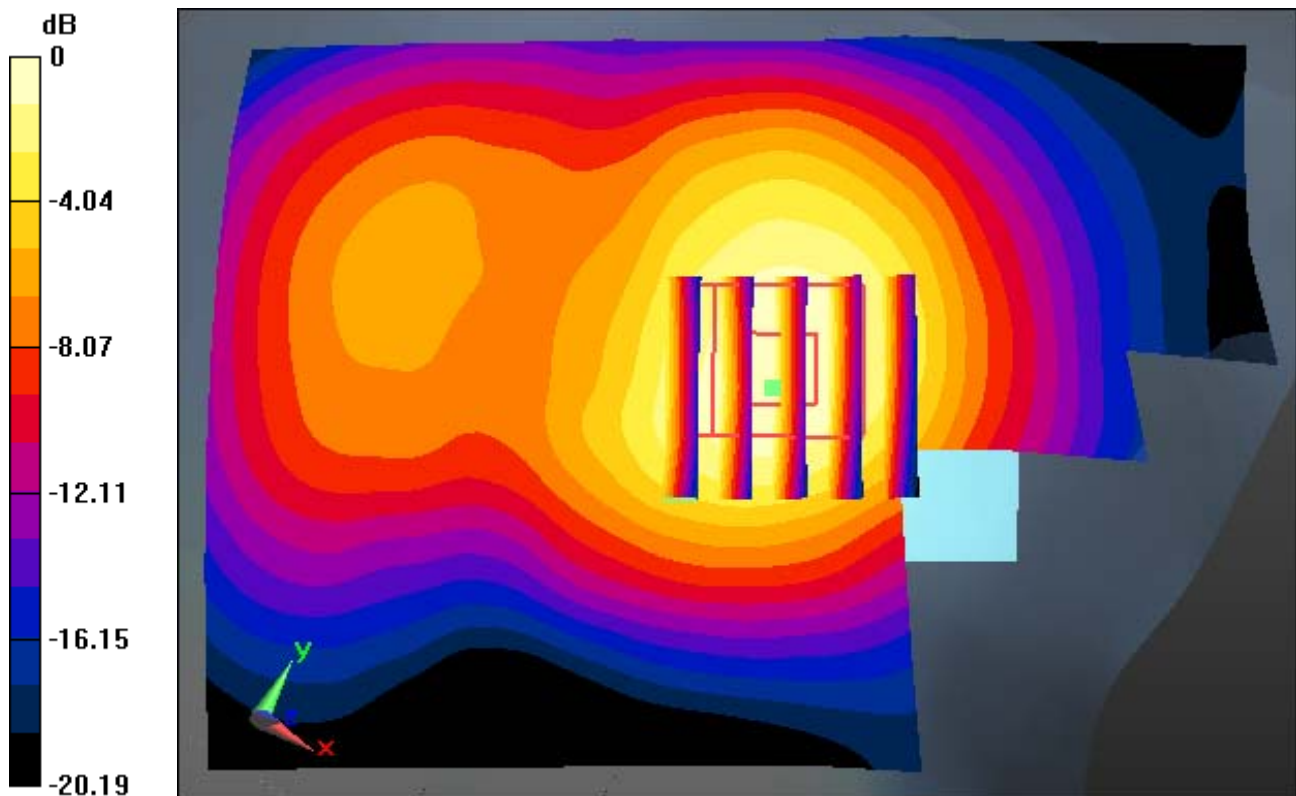
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.975 mW/g

SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.336 W/kg



0 dB = 0.775 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Tilt, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery

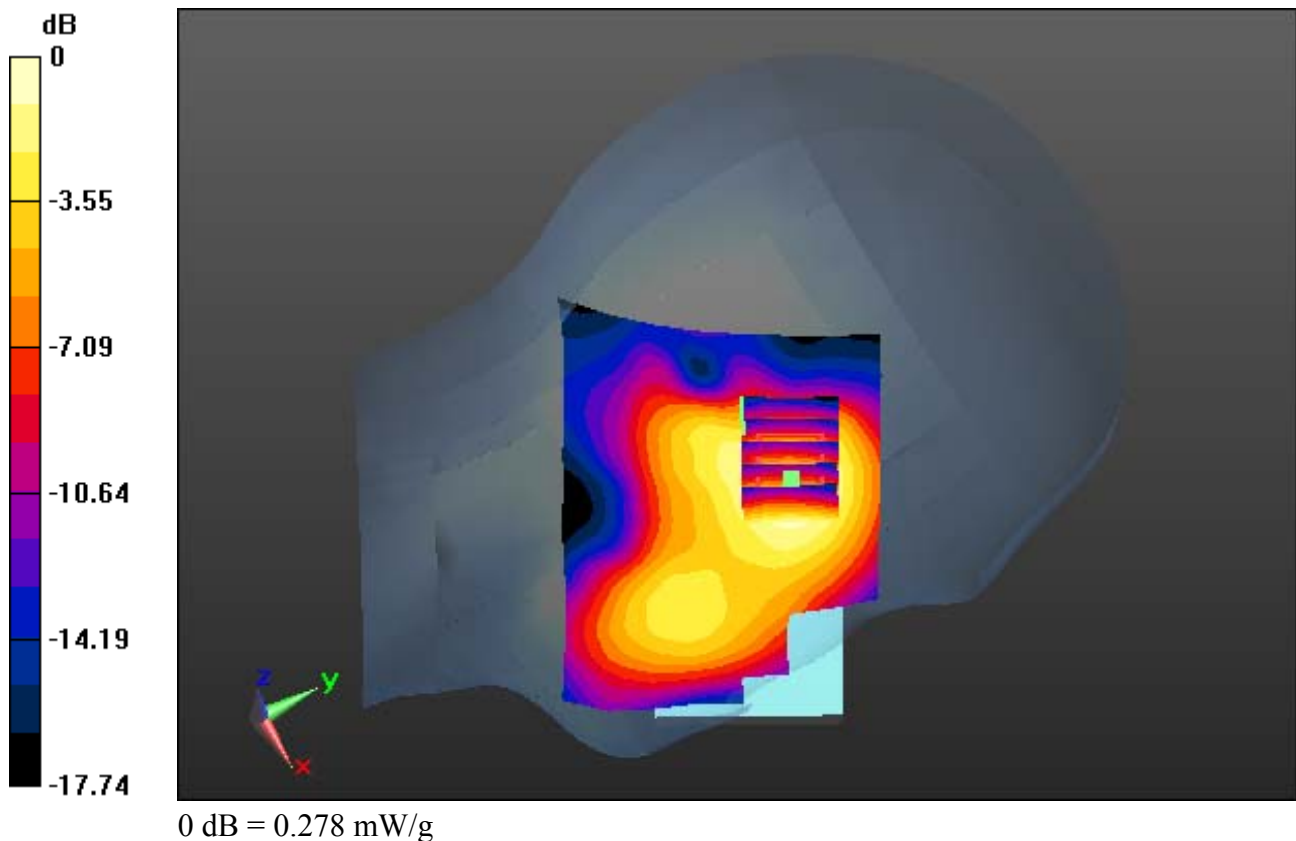
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.343 mW/g

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.132 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Tilt, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

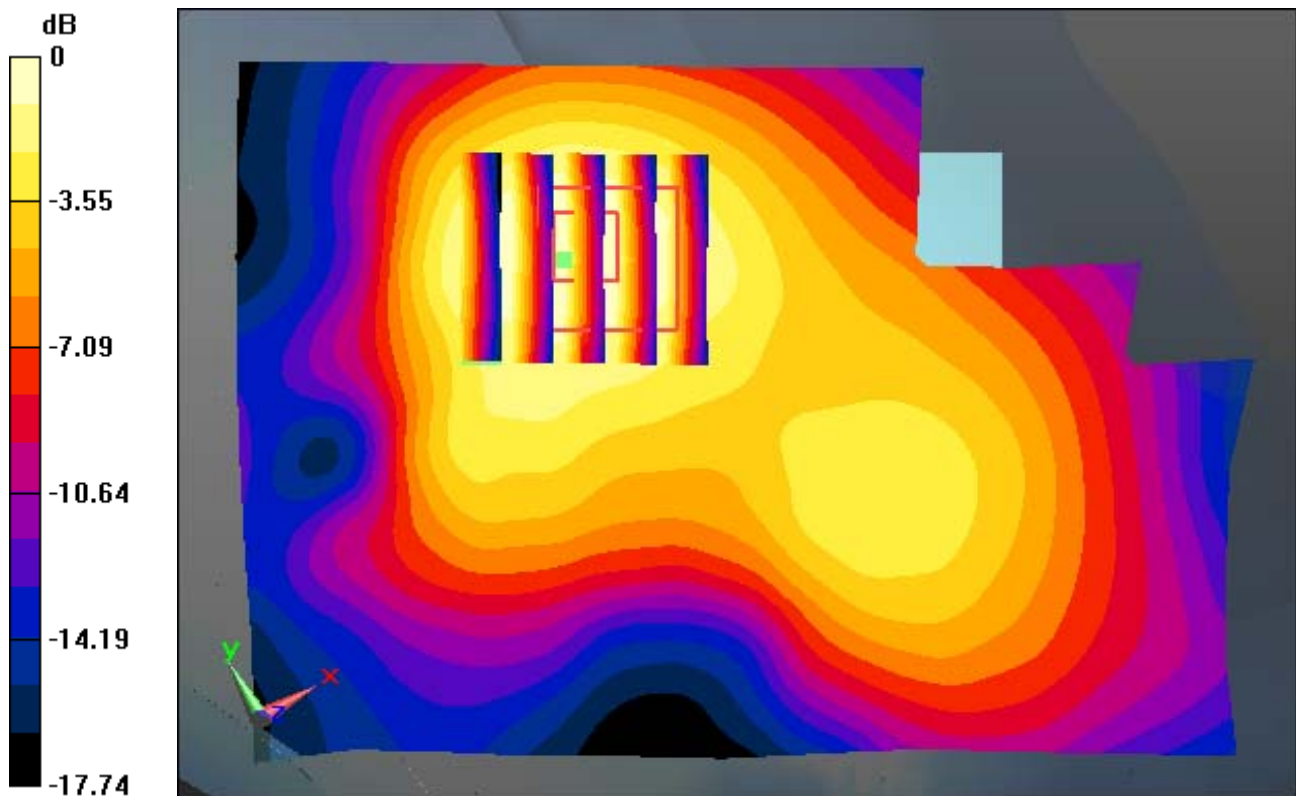
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.343 mW/g

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.132 W/kg



0 dB = 0.278 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Right Tilt, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery

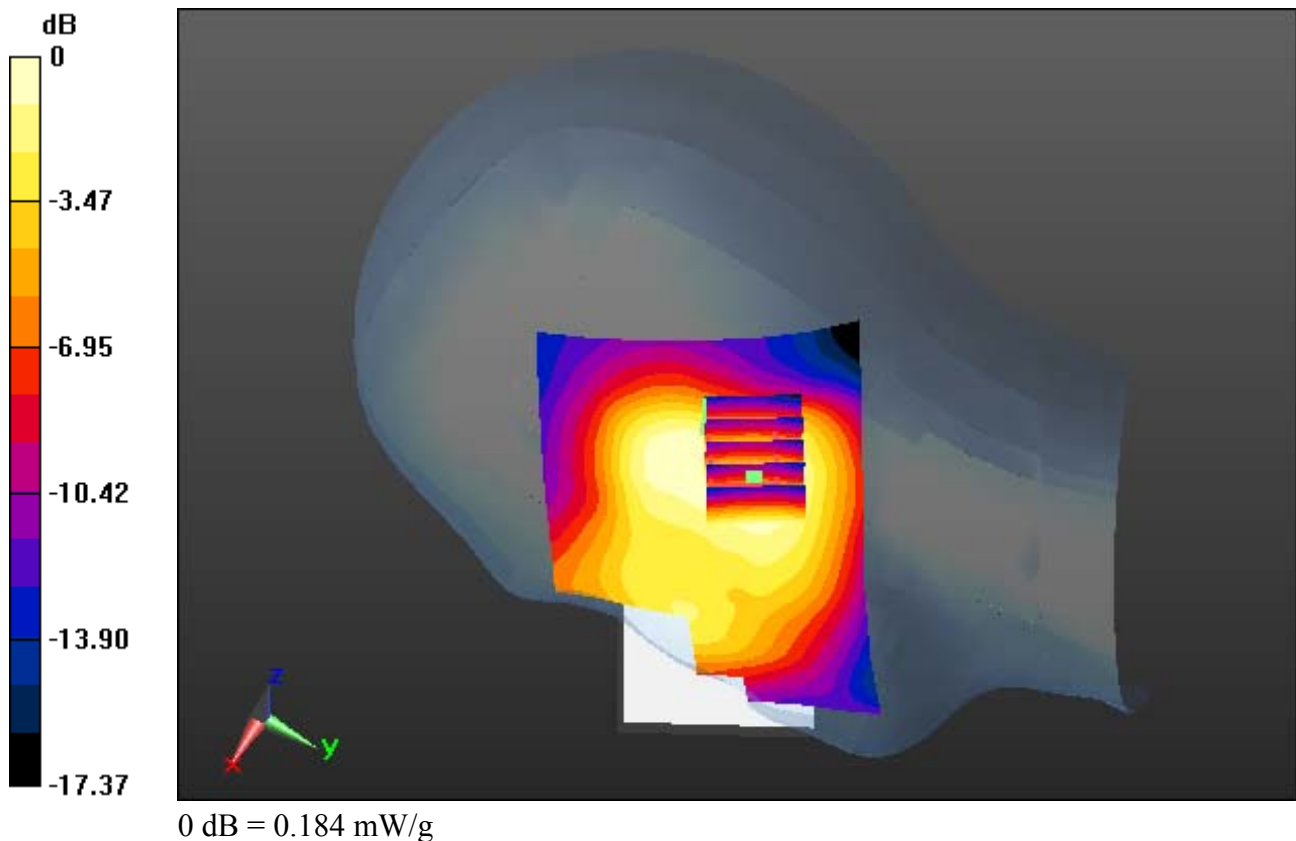
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.235 mW/g

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.093 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Right Tilt, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

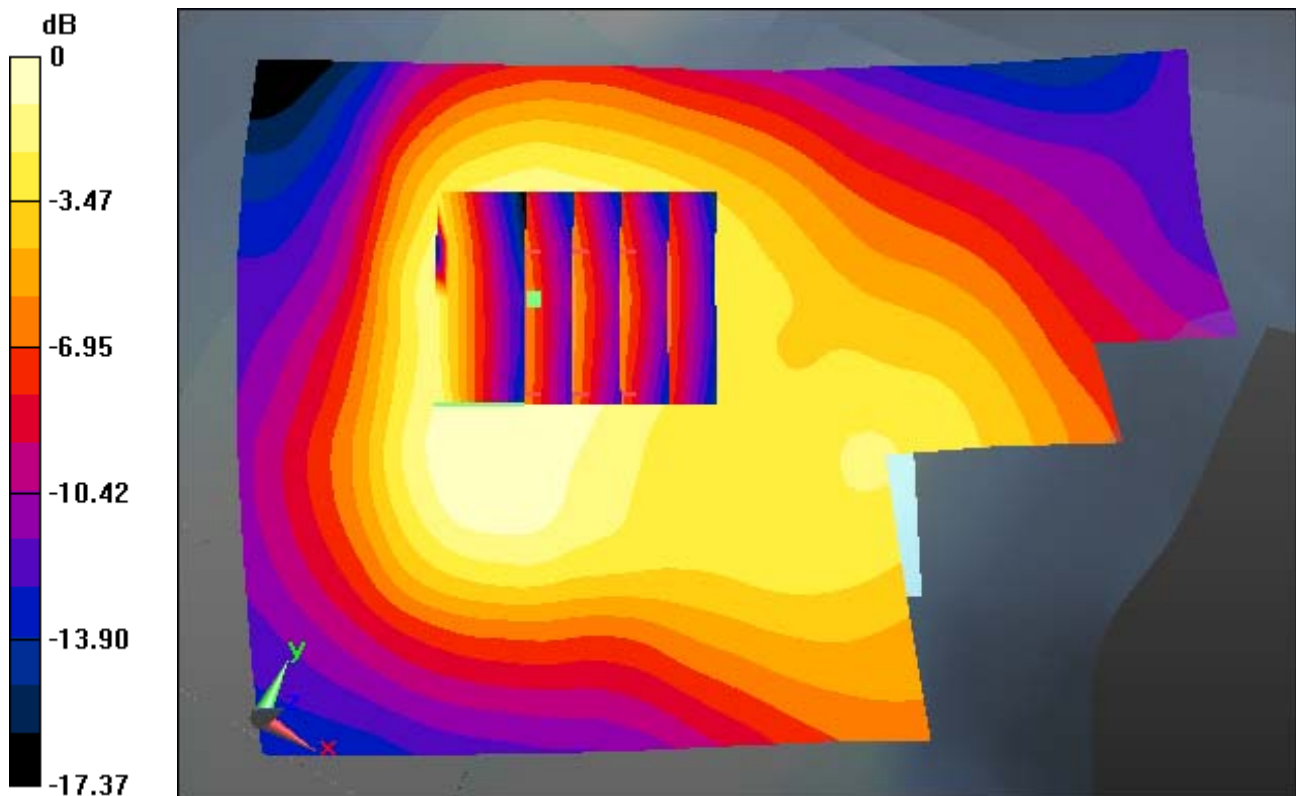
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.235 mW/g

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.093 W/kg



0 dB = 0.184 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r = 39.956$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, Sim2, PCS1900 GPRS 3 Tx Ch. 512, Ant Internal, Standard Battery

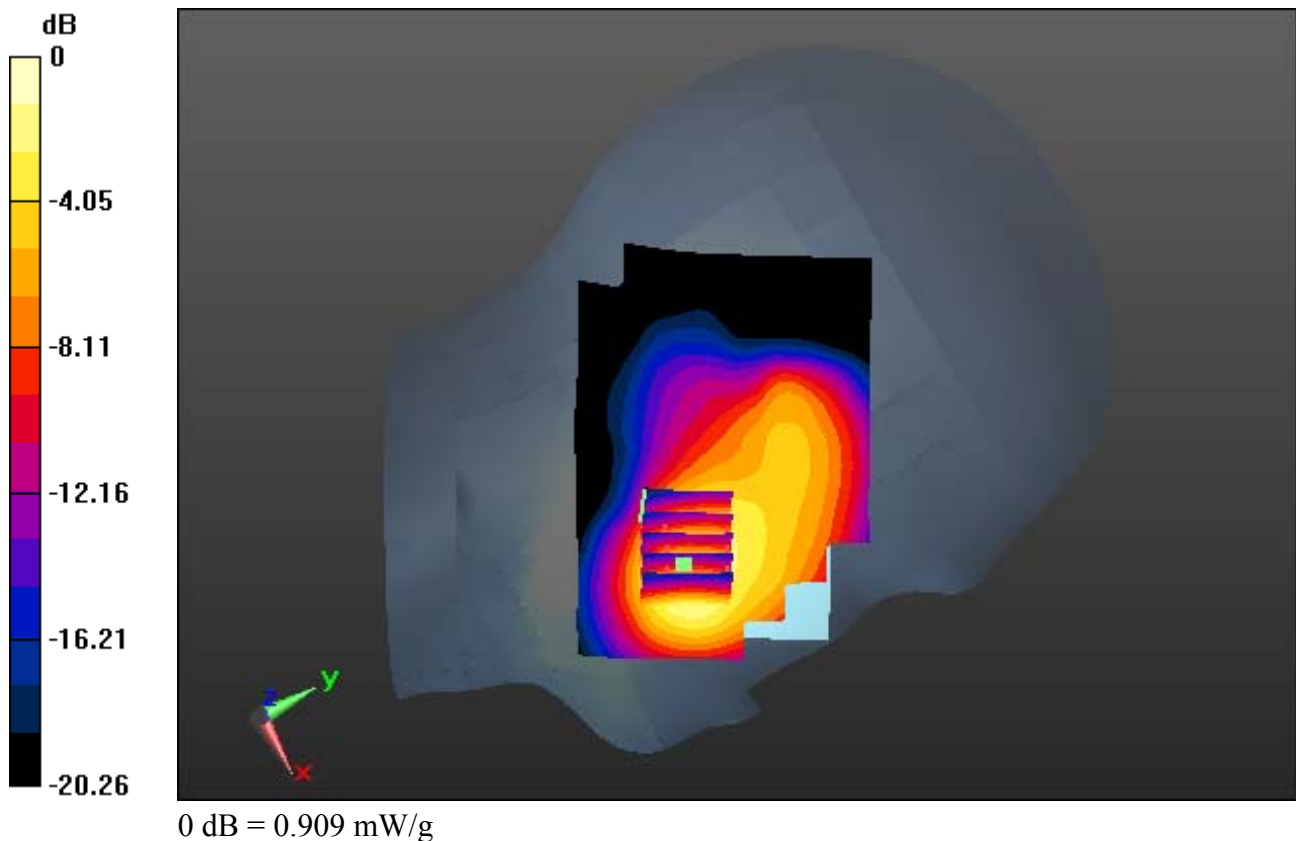
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.112 mW/g

SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.379 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r = 39.956$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, Sim2, PCS1900 GPRS 3 Tx Ch. 512, Ant Internal, Standard Battery

With Enlarge plot image

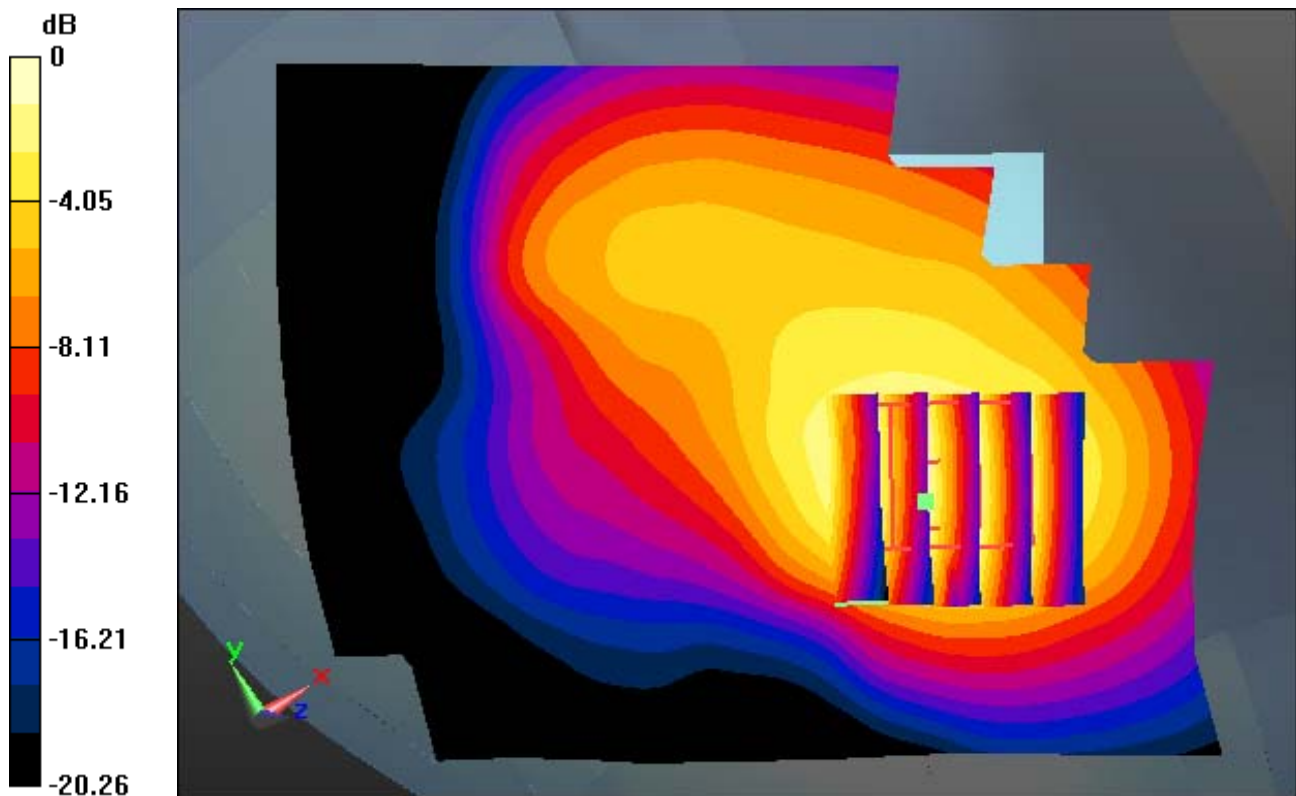
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.112 mW/g

SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.379 W/kg



0 dB = 0.909 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, Sim2, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery

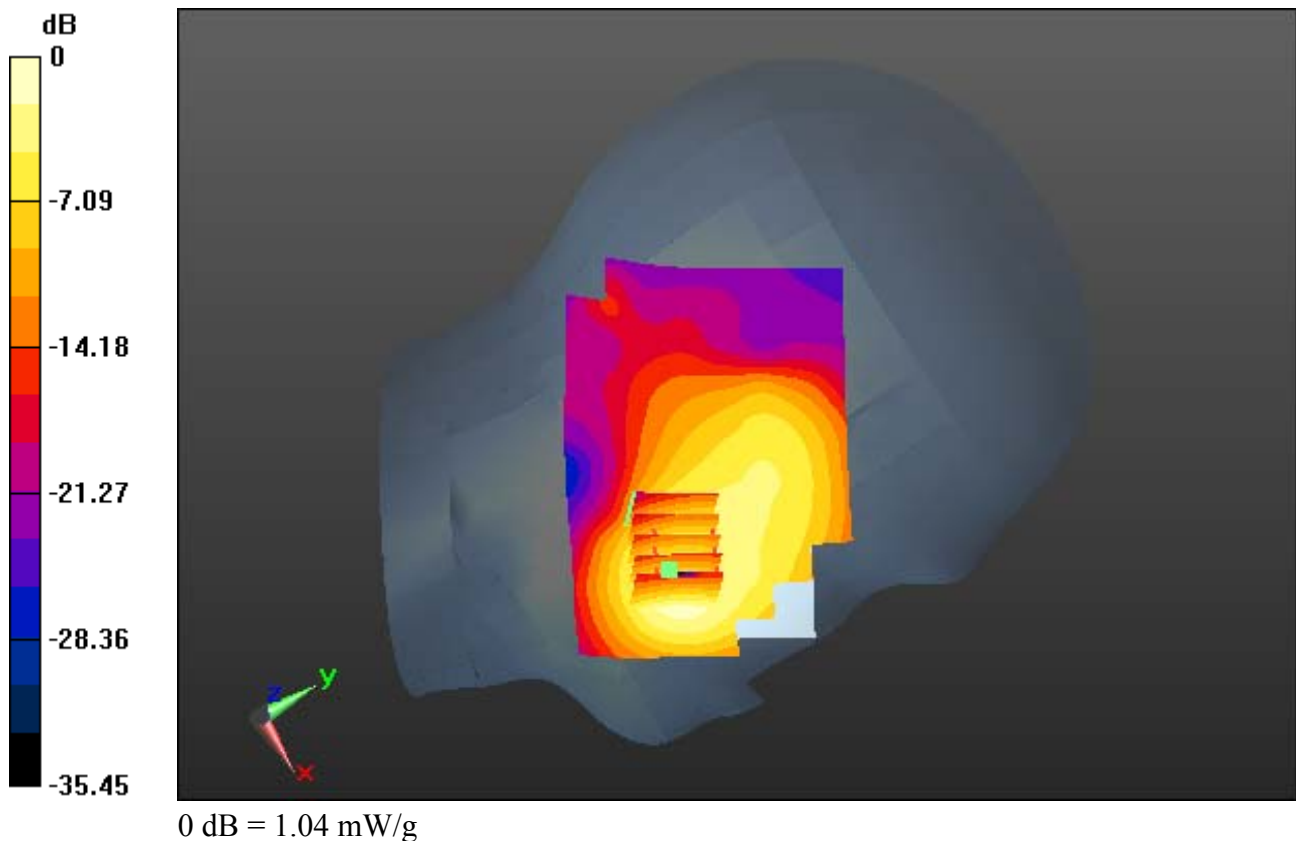
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.319 mW/g

SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.448 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, Sim2, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

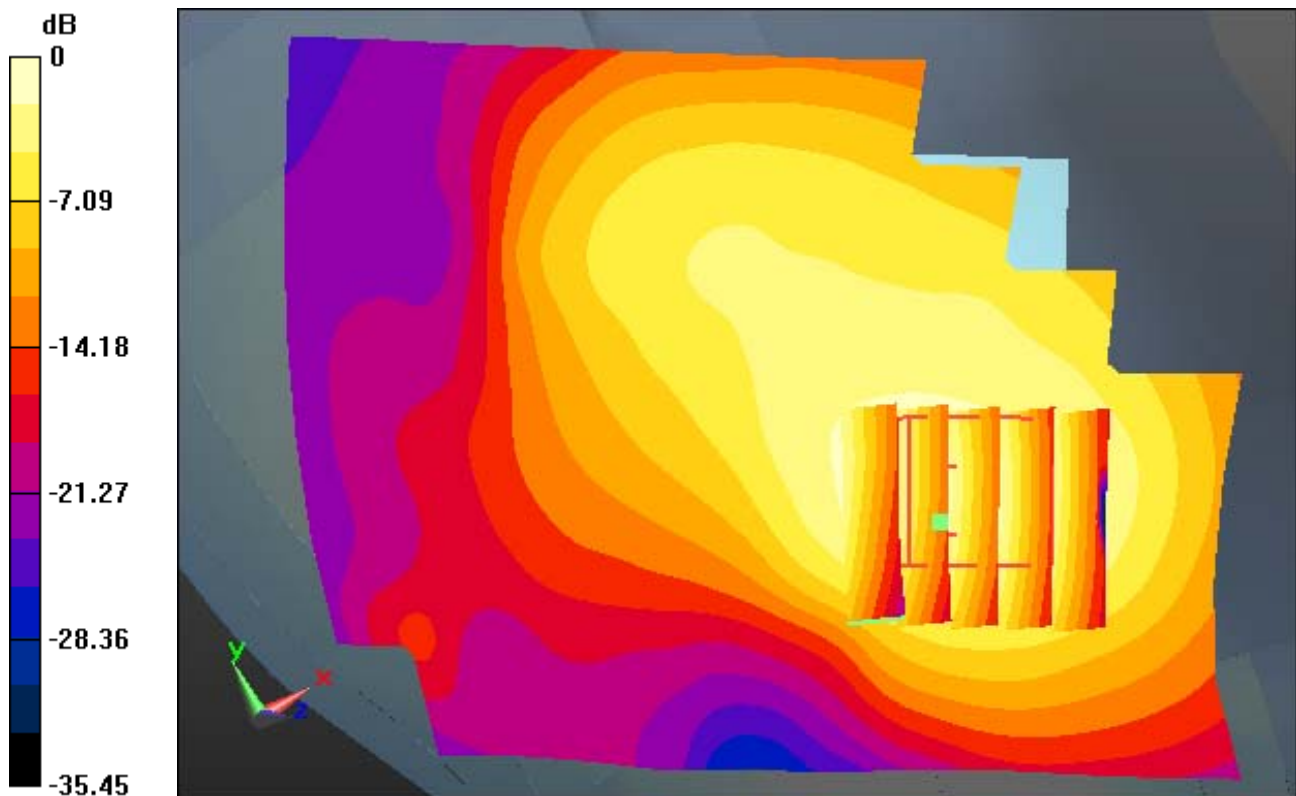
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.319 mW/g

SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.448 W/kg



0 dB = 1.04 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r = 39.792$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, Sim2, PCS1900 GPRS 3 Tx Ch. 810, Ant Internal, Standard Battery

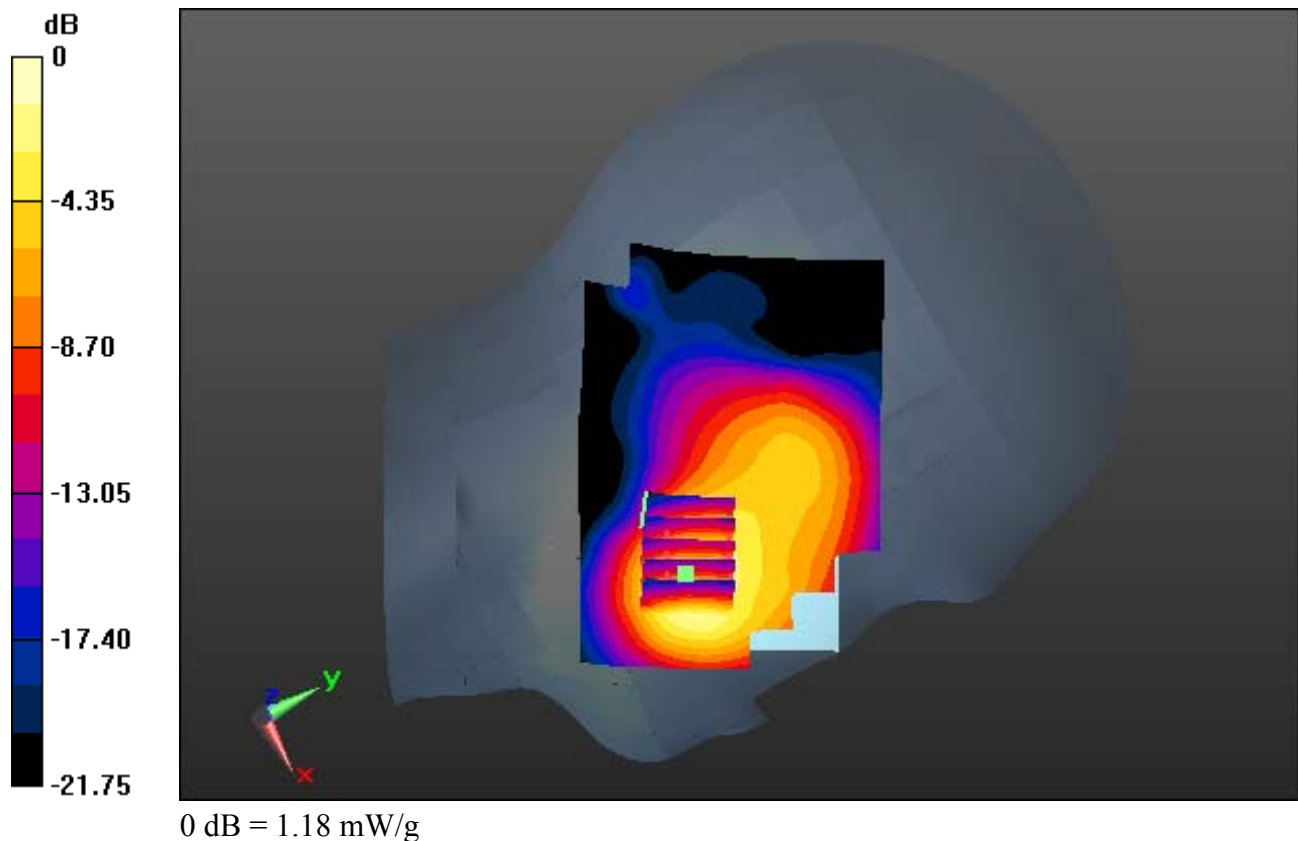
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.489 mW/g

SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.491 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r = 39.792$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, Sim2, PCS1900 GPRS 3 Tx Ch. 810, Ant Internal, Standard Battery

With Enlarge plot image

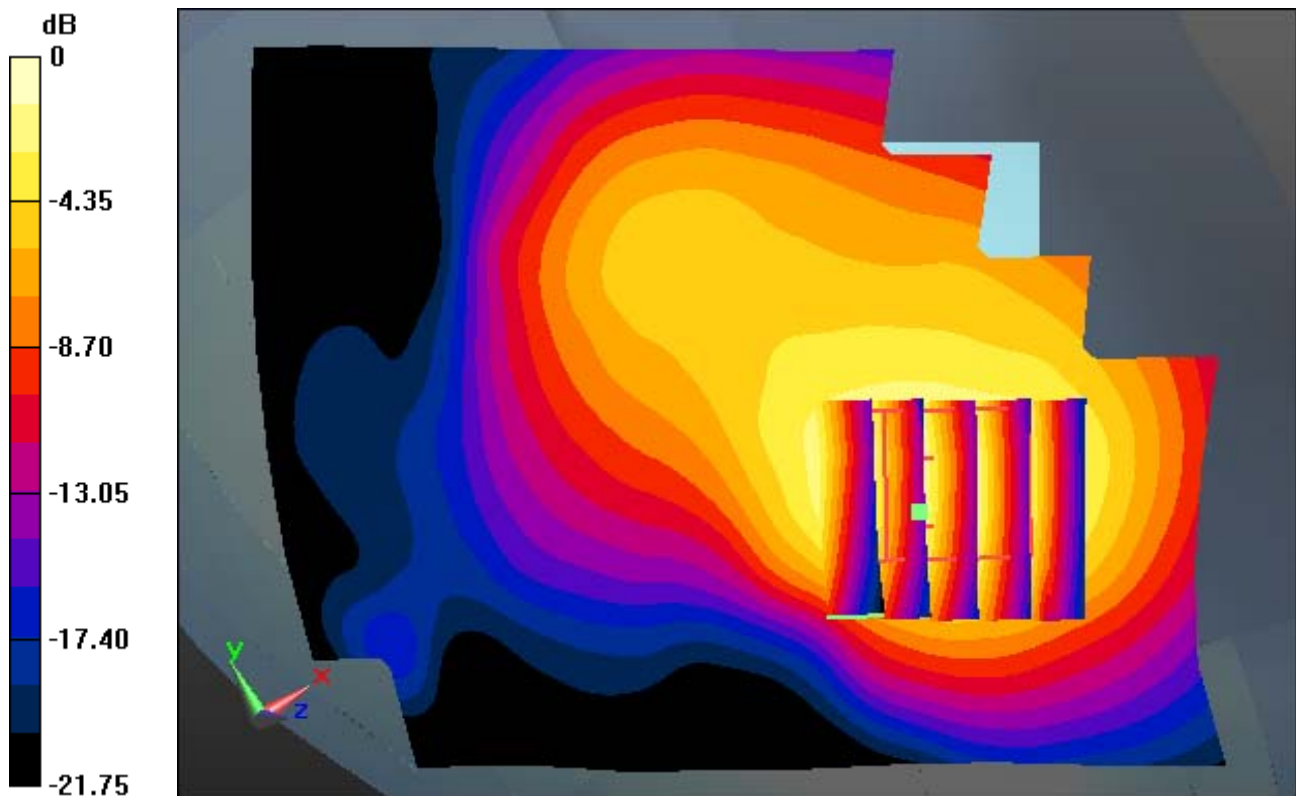
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.489 mW/g

SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.491 W/kg



0 dB = 1.18 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r = 39.792$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 3 Tx Ch. 810, Ant Internal, Standard Battery

SAR Variability Result

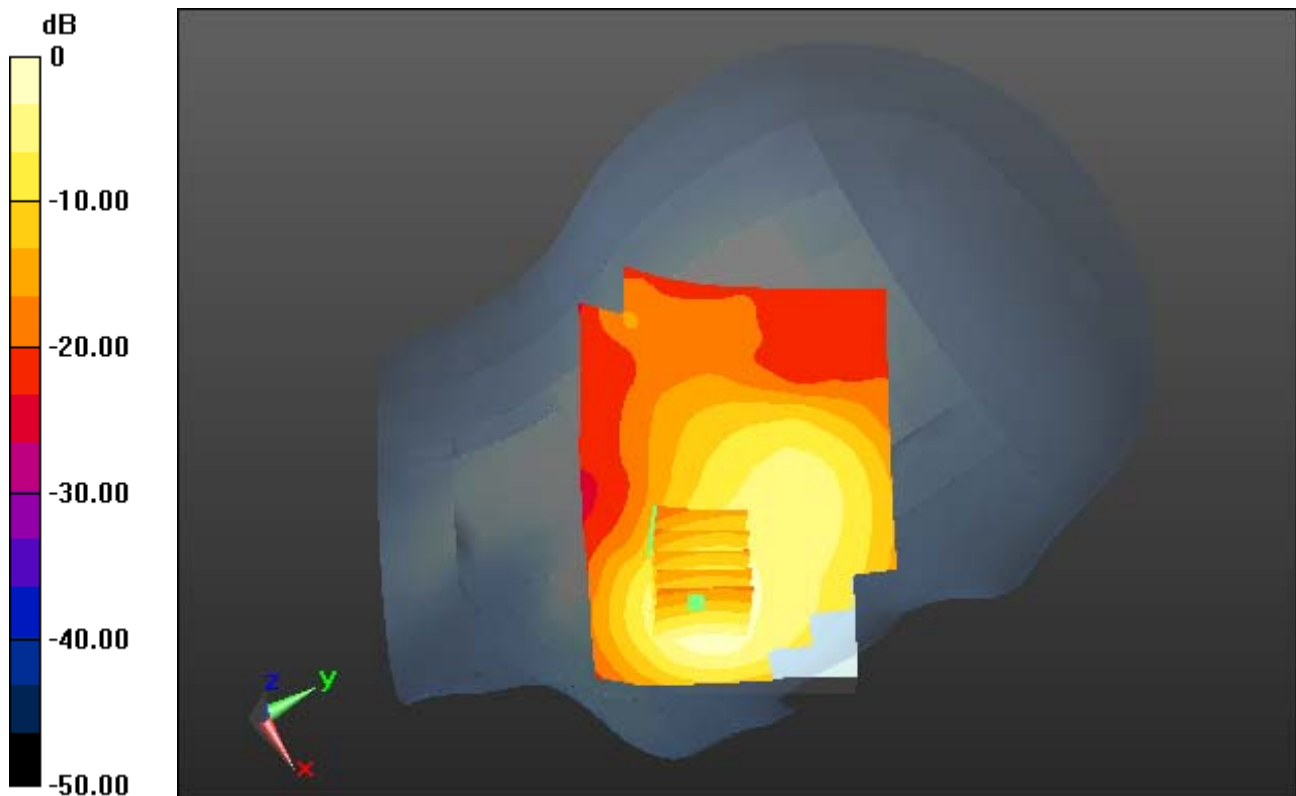
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.451 mW/g

SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.480 W/kg



0 dB = 1.16 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r = 39.792$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 3 Tx Ch. 810, Ant Internal, Standard Battery

SAR Variability Result, With Enlarge plot image

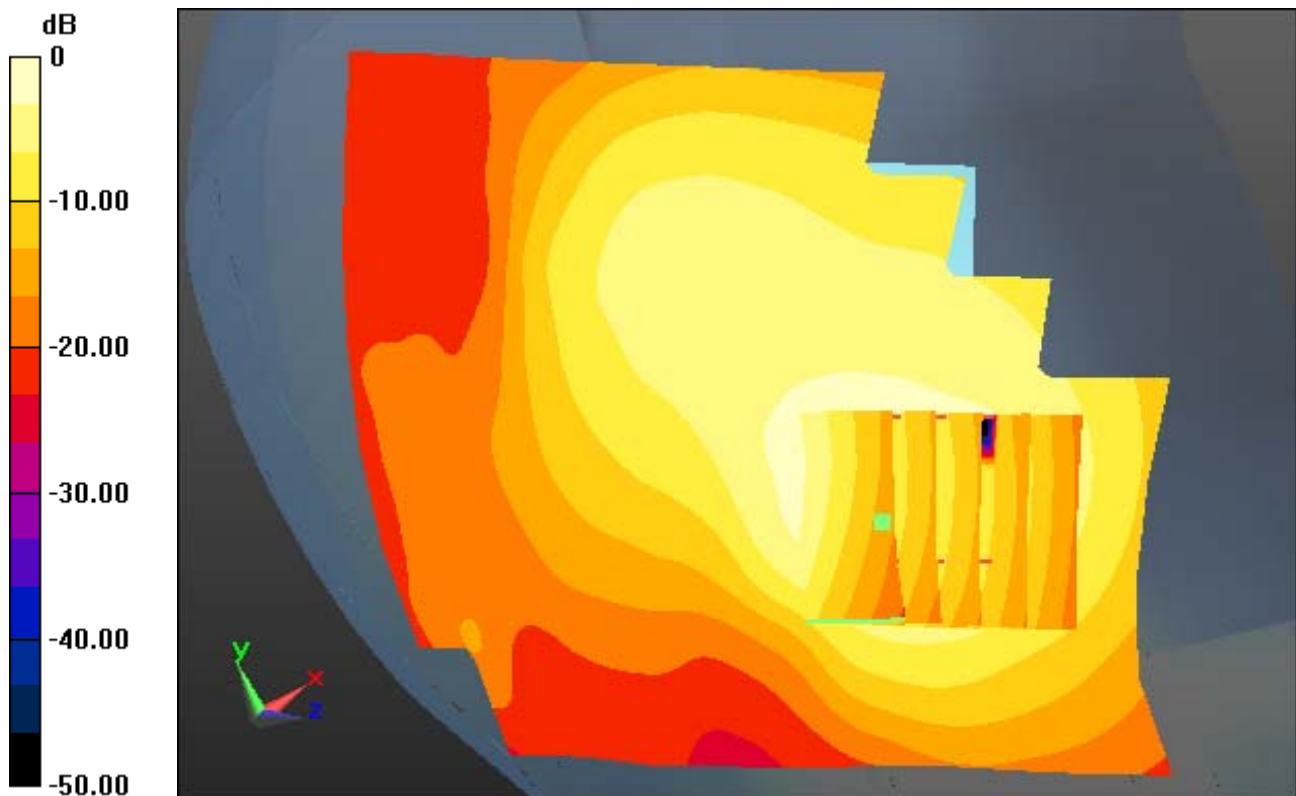
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.451 mW/g

SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.480 W/kg



0 dB = 1.16 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r = 39.792$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, Sim2, PCS1900 GPRS 3 Tx Ch. 810, Ant Internal, Standard Battery

SAR Variability Result

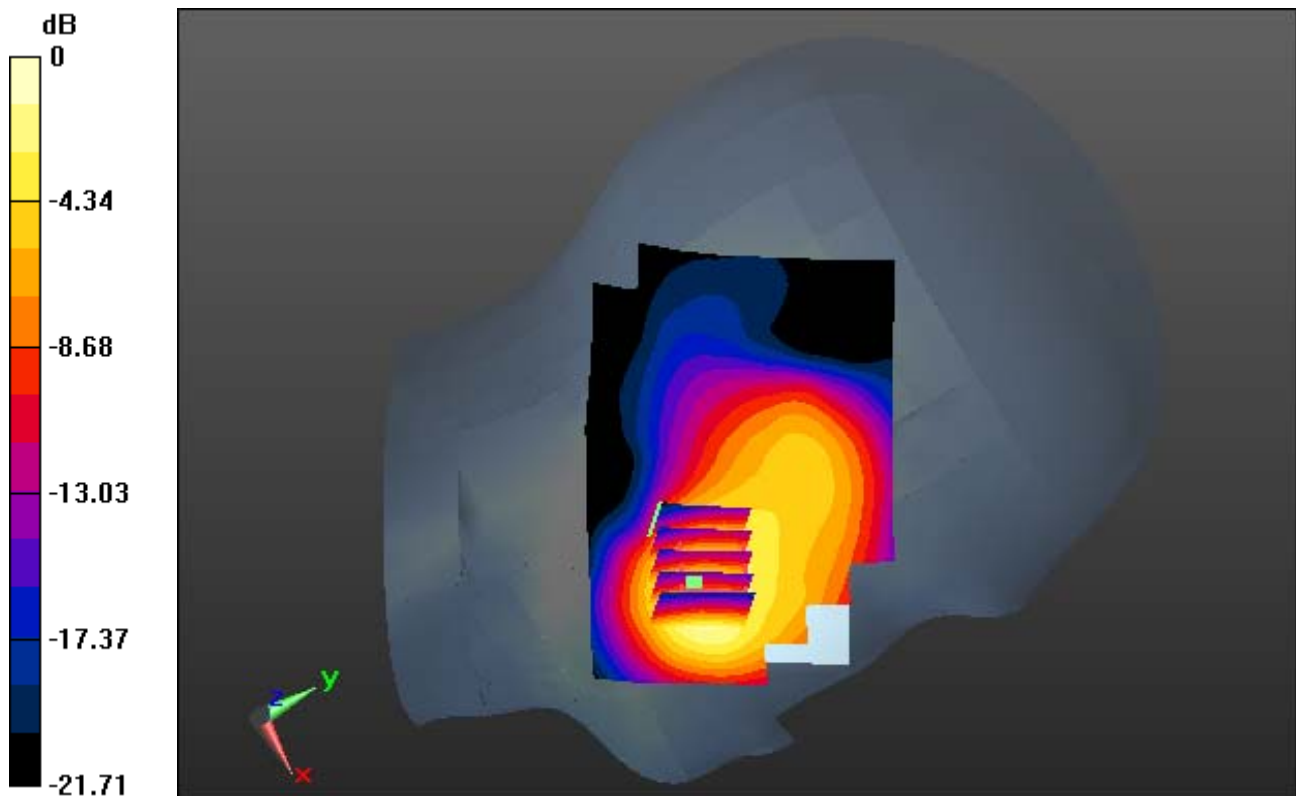
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.395 mW/g

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.468 W/kg



0 dB = 1.13 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r = 39.792$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2; Tissue Temp: 21.5

Left Touch, Sim2, PCS1900 GPRS 3 Tx Ch. 810, Ant Internal, Standard Battery

SAR Variability Result, With Enlarge plot image

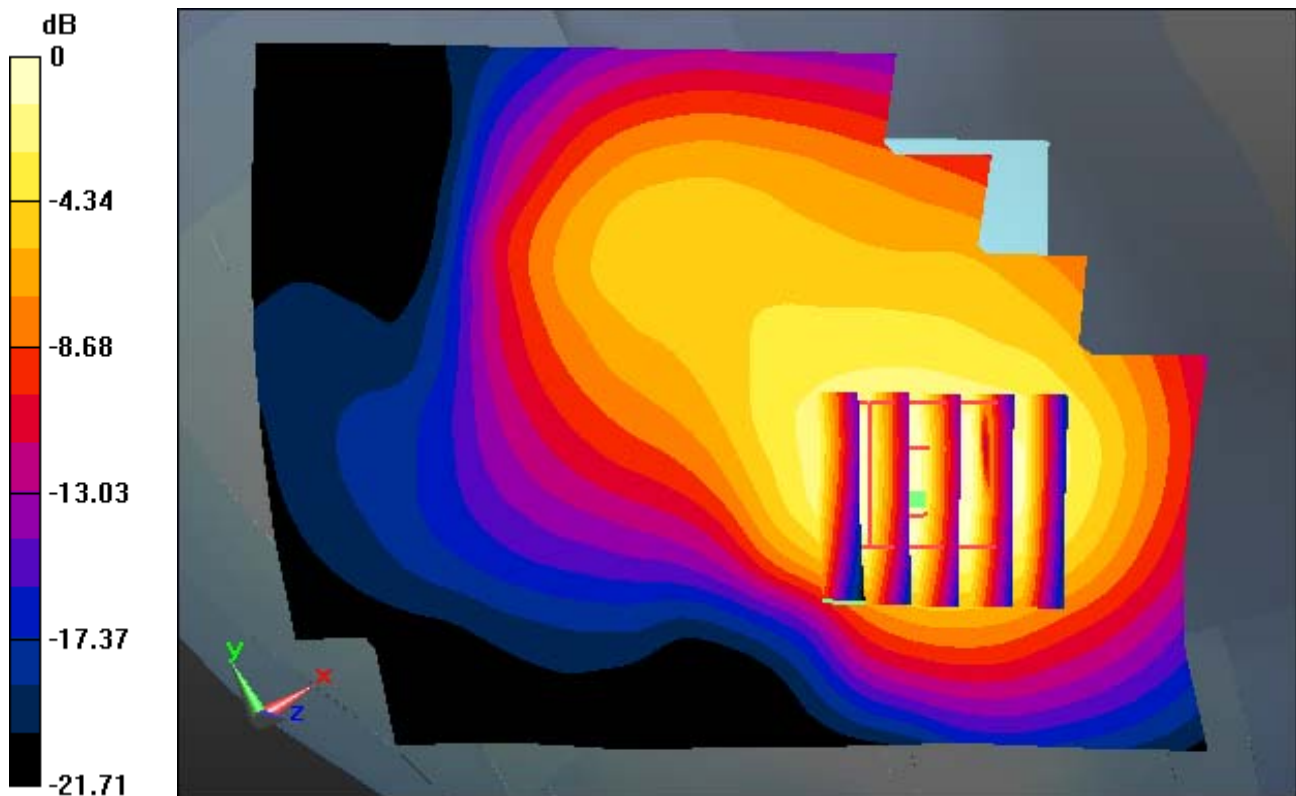
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.395 mW/g

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.468 W/kg



0 dB = 1.13 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r = 39.792$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2012-12-30; Ambient Temp: 21.2 Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 3 Tx Ch. 810, Ant Internal, Standard Battery

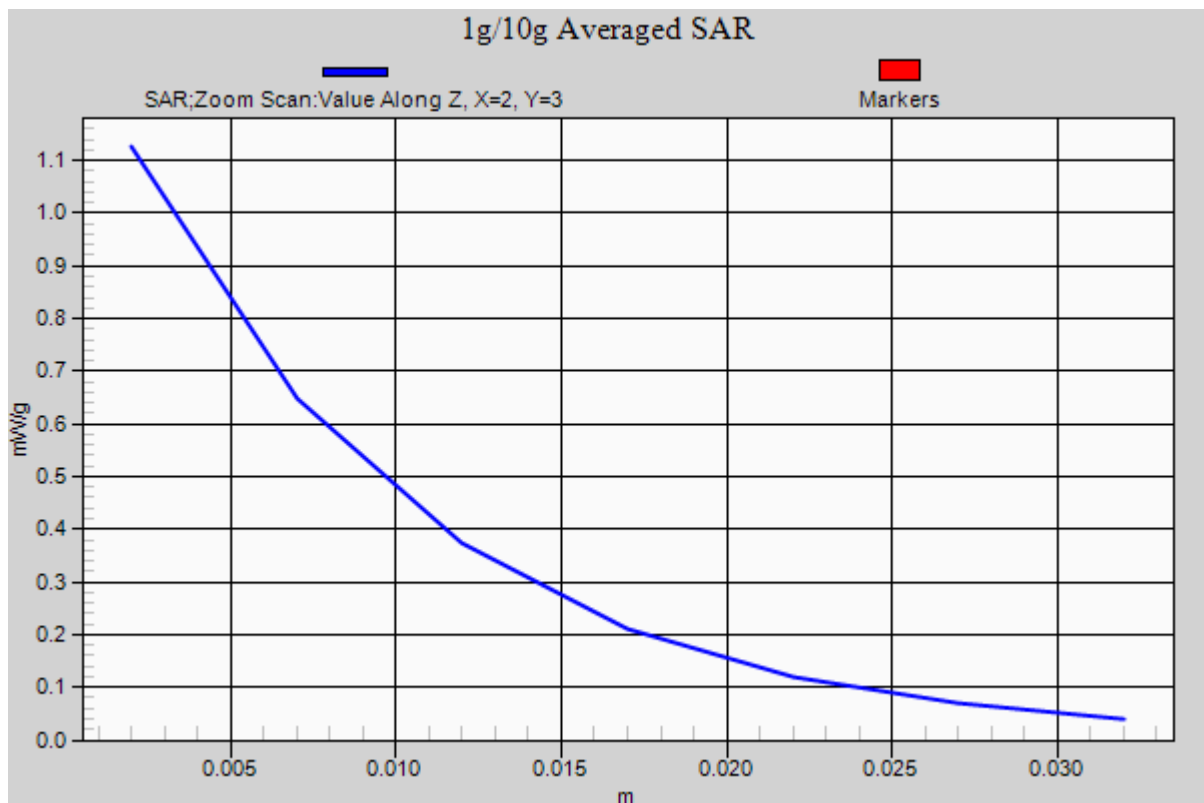
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.502 mW/g

SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.496 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r = 40.007$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

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

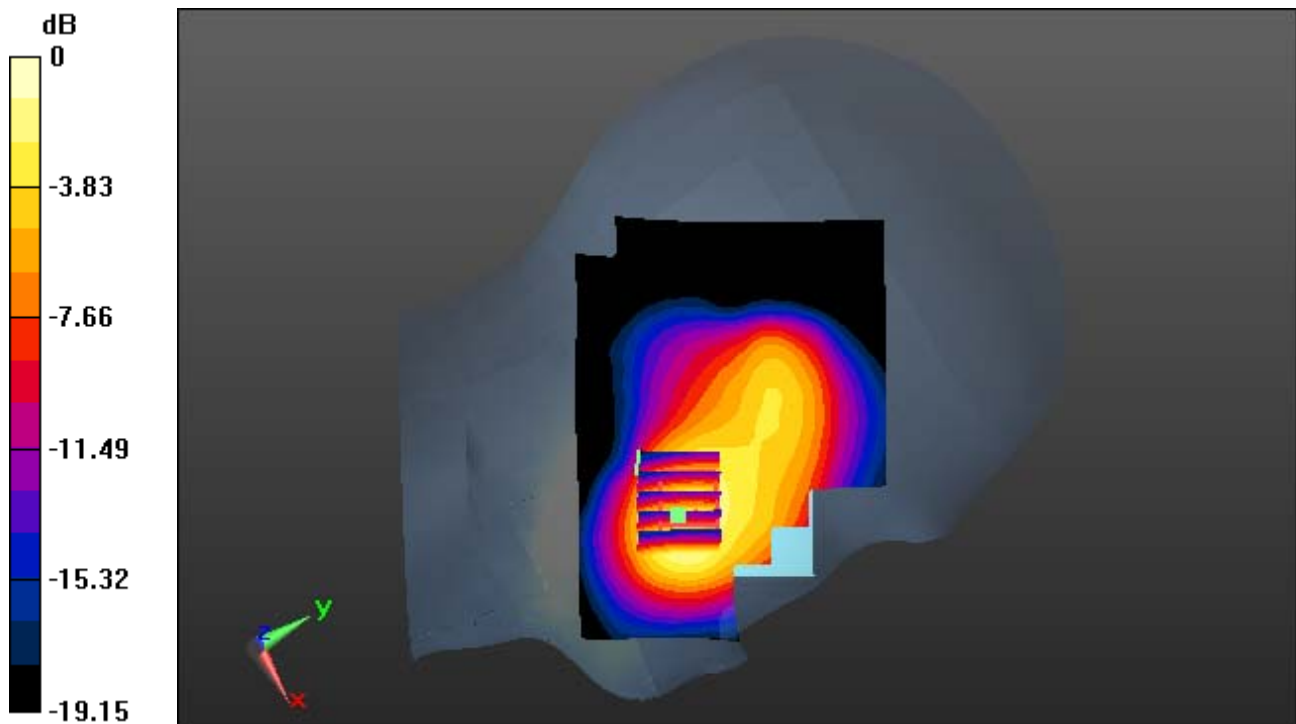
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.557 mW/g

SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.549 W/kg



0 dB = 1.26 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r = 40.007$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

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

With Enlarge plot image

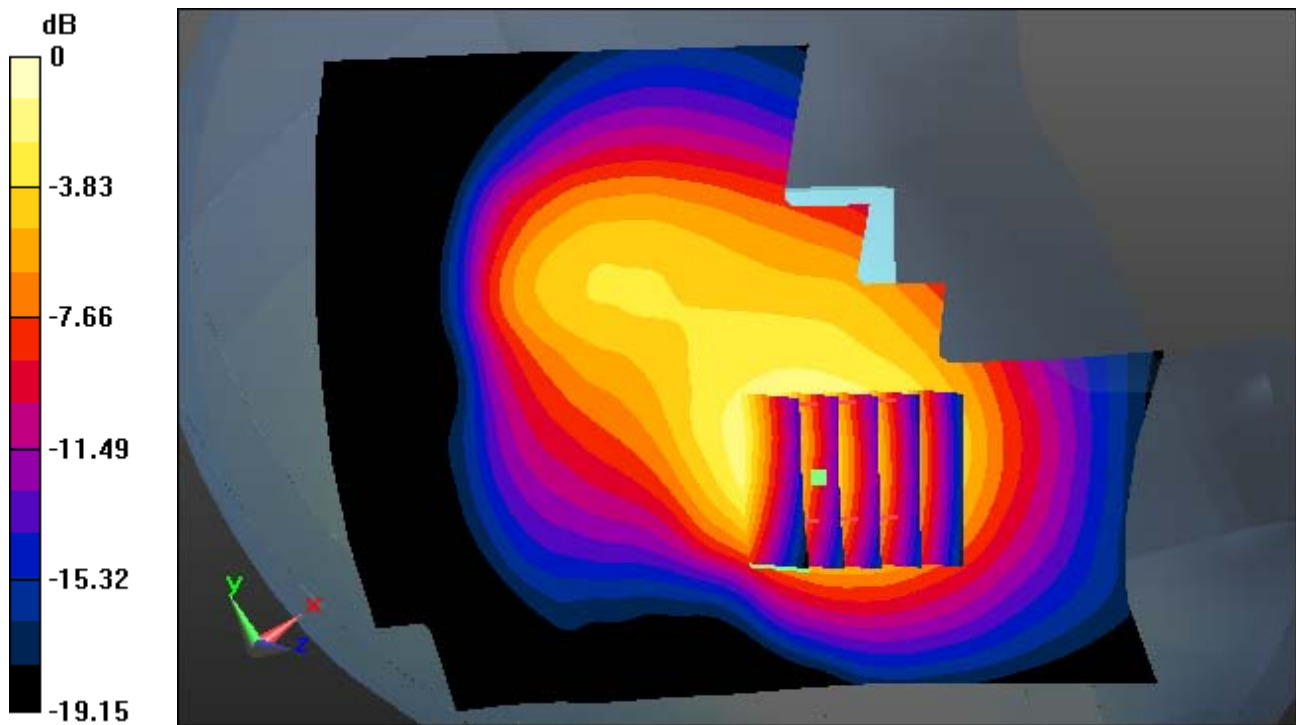
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.557 mW/g

SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.549 W/kg



0 dB = 1.26 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

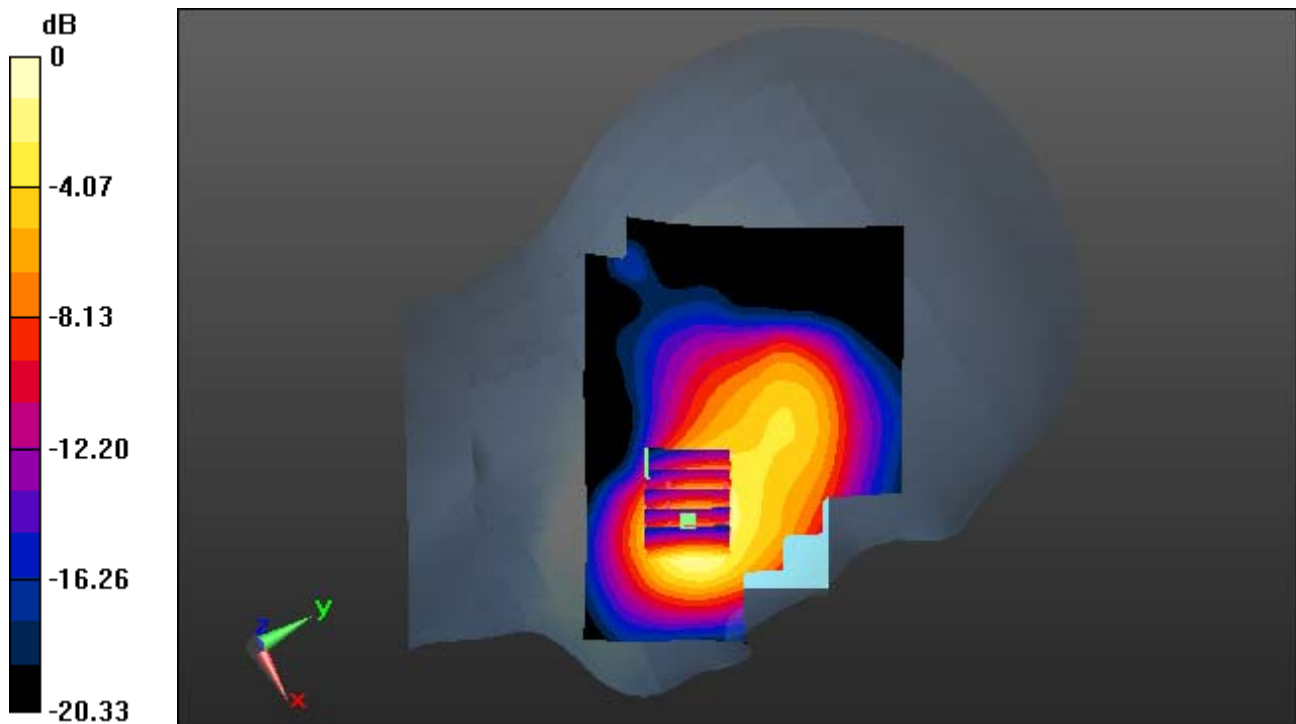
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.837 mW/g

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.631 W/kg



0 dB = 1.47 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

With Enlarge plot image

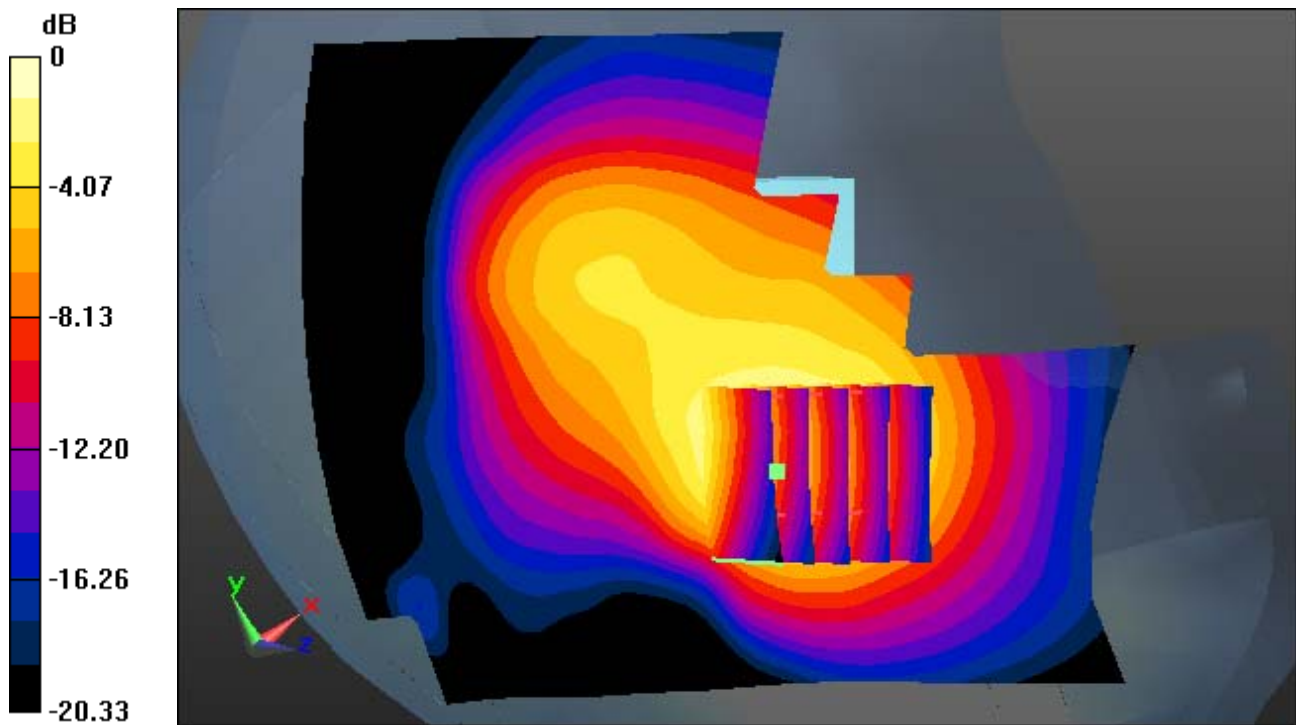
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.837 mW/g

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.631 W/kg



0 dB = 1.47 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.415$ mho/m; $\epsilon_r = 39.856$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, WCDMA1900 Ch. 9538, Ant Internal, Standard Battery

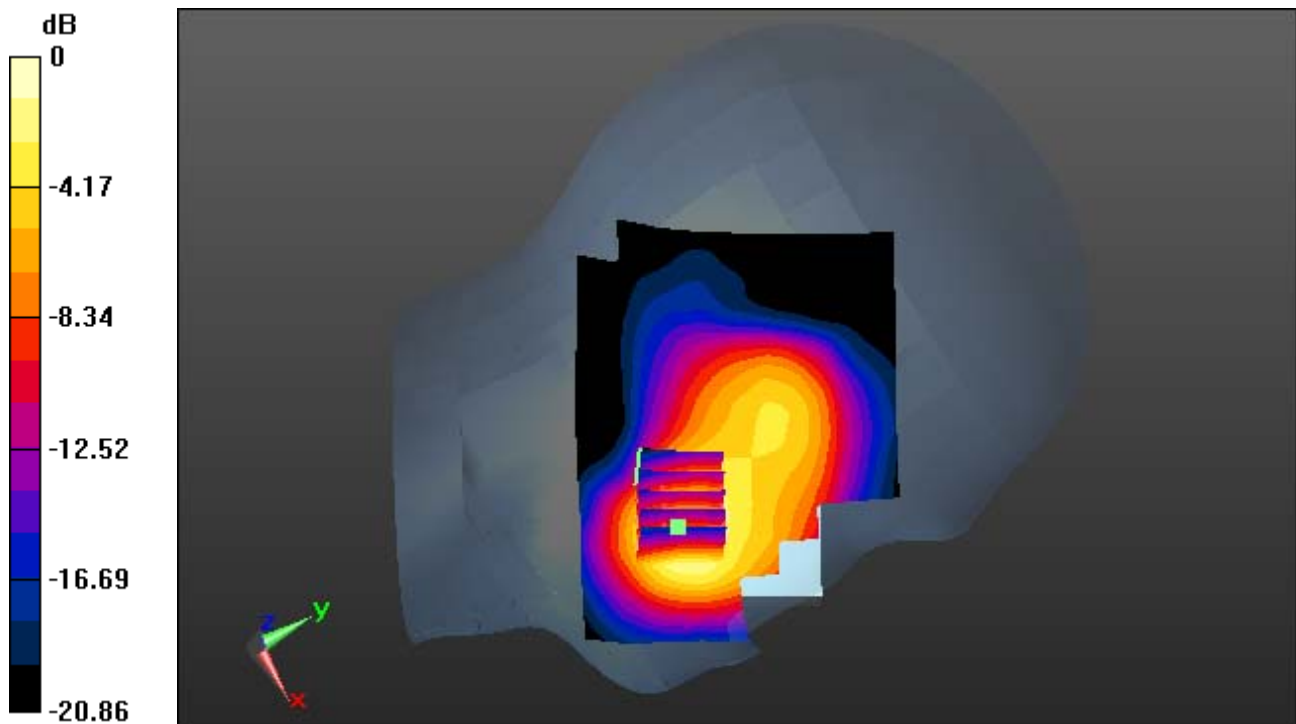
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.612 mW/g

SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.551 W/kg



0 dB = 1.29 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.415$ mho/m; $\epsilon_r = 39.856$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, WCDMA1900 Ch. 9538, Ant Internal, Standard Battery

With Enlarge plot image

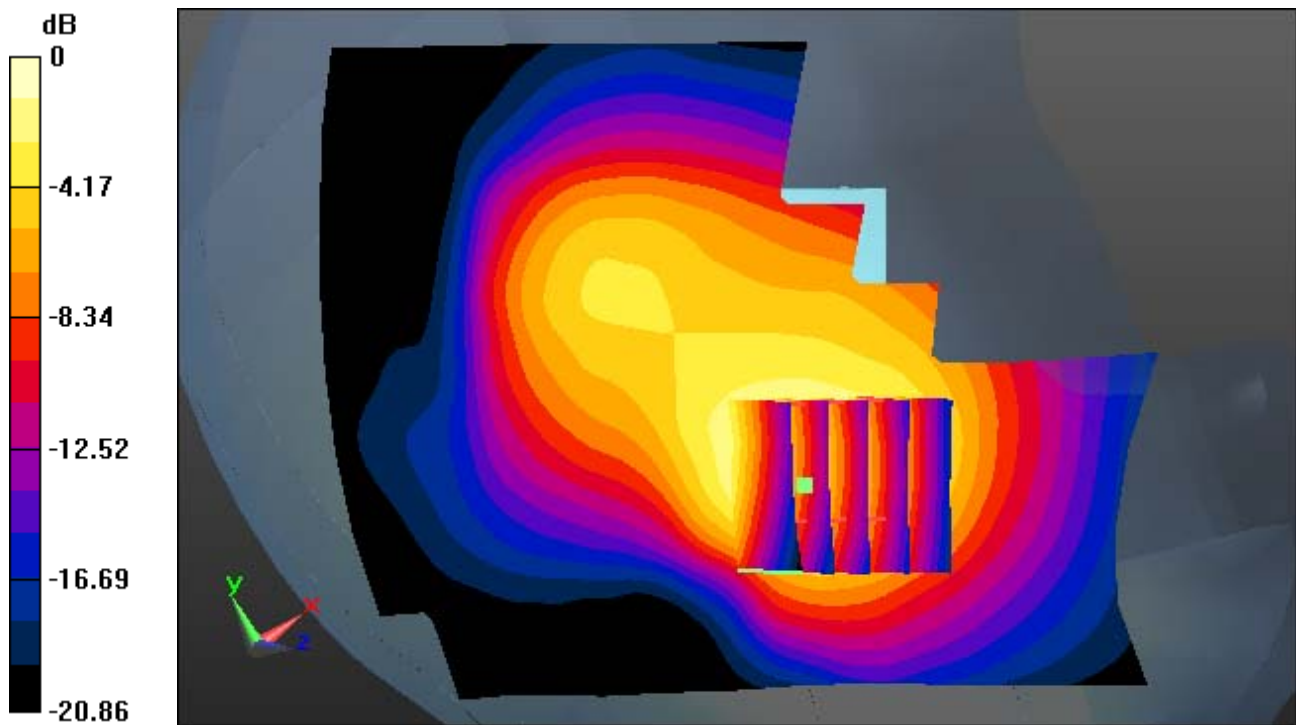
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.612 mW/g

SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.551 W/kg



0 dB = 1.29 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r = 40.007$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1; Tissue Temp: 21.4

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

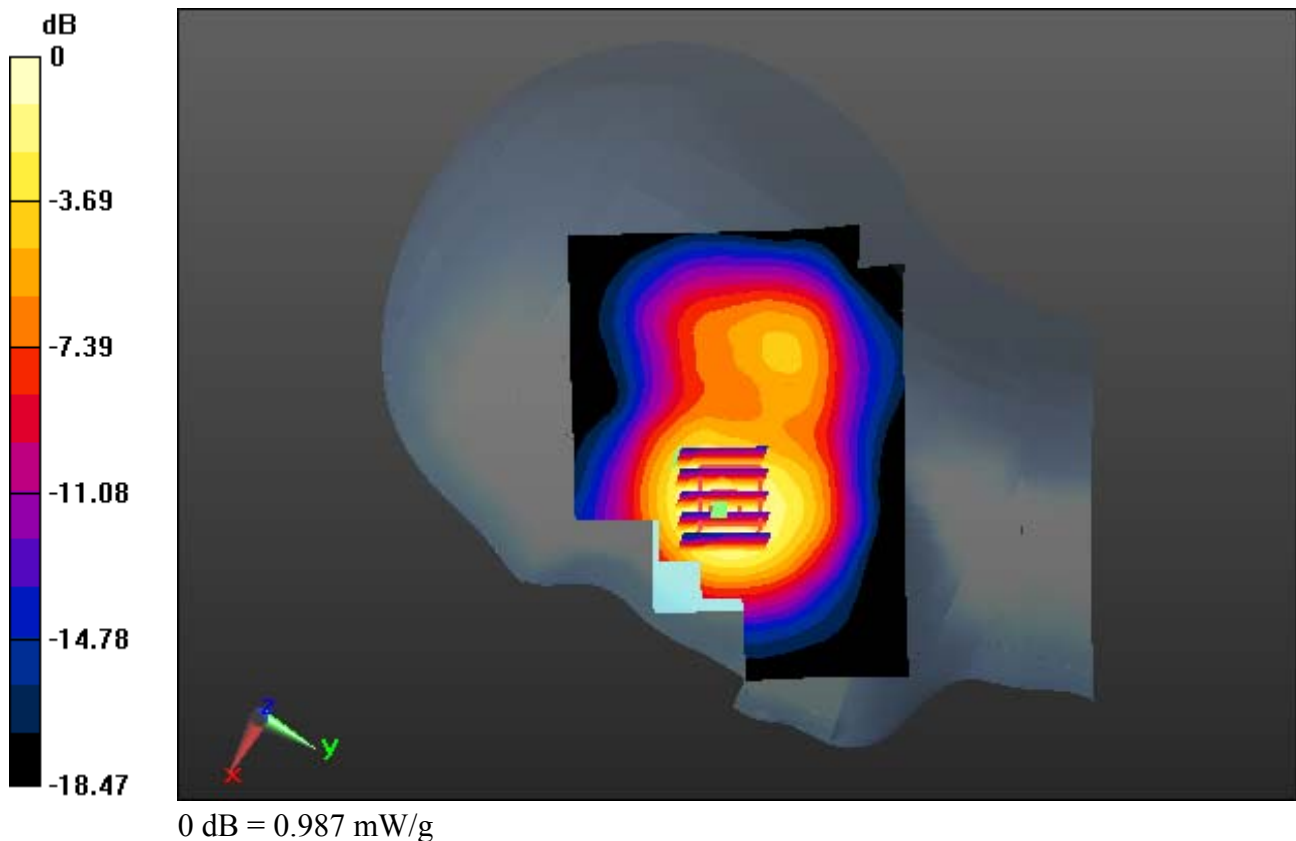
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.219 mW/g

SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.445 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r = 40.007$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1; Tissue Temp: 21.4

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

With Enlarge plot image

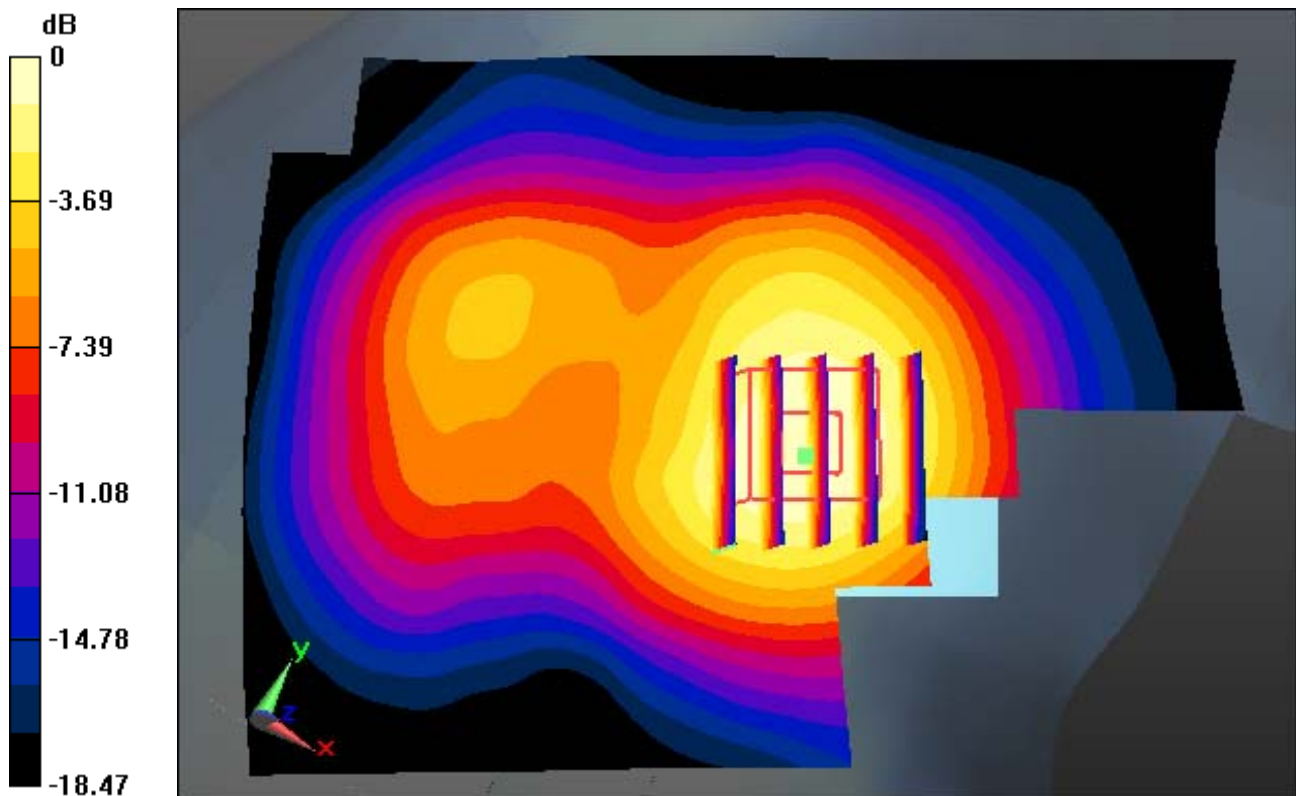
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.219 mW/g

SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.445 W/kg



0 dB = 0.987 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1; Tissue Temp: 21.4

Right Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

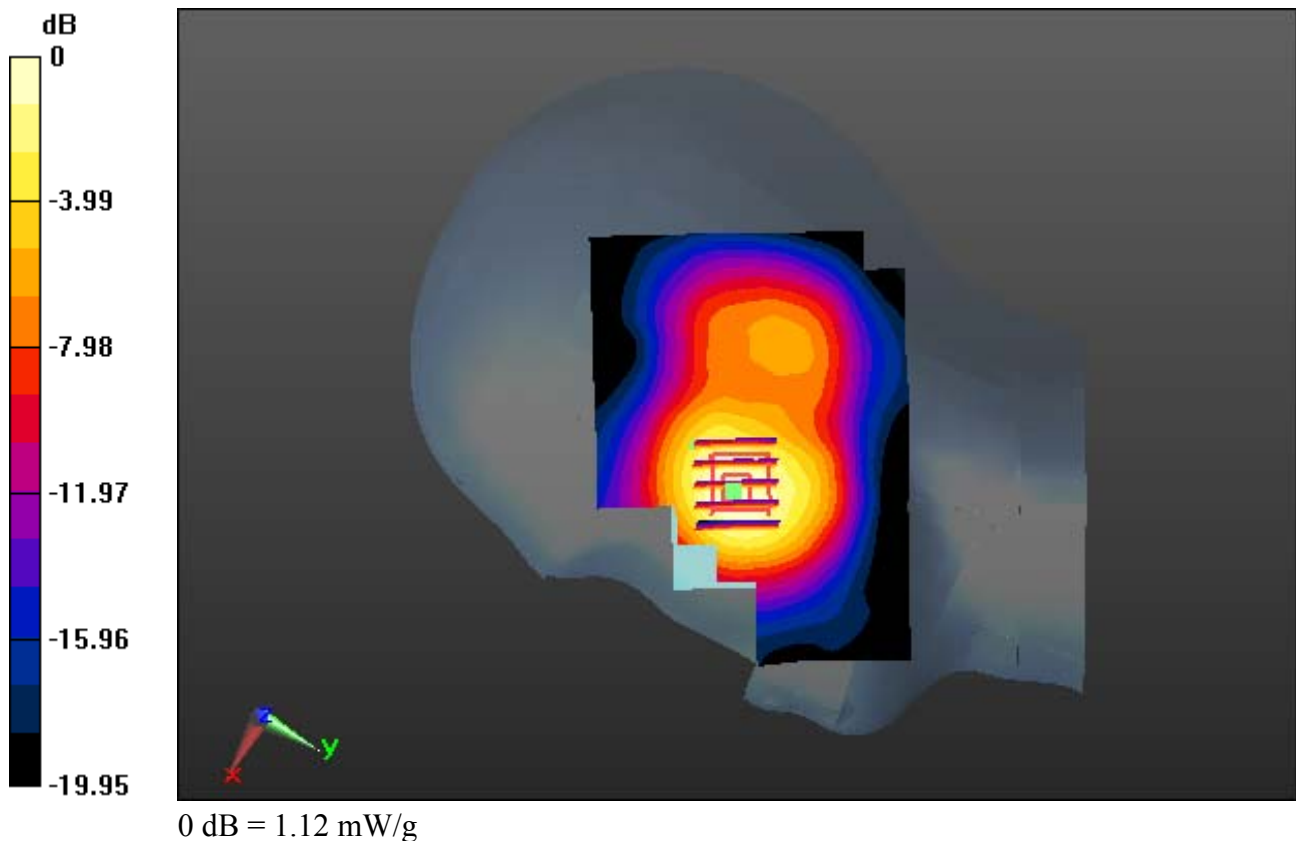
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.391 mW/g

SAR(1 g) = 0.830 W/kg; SAR(10 g) = 0.483 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

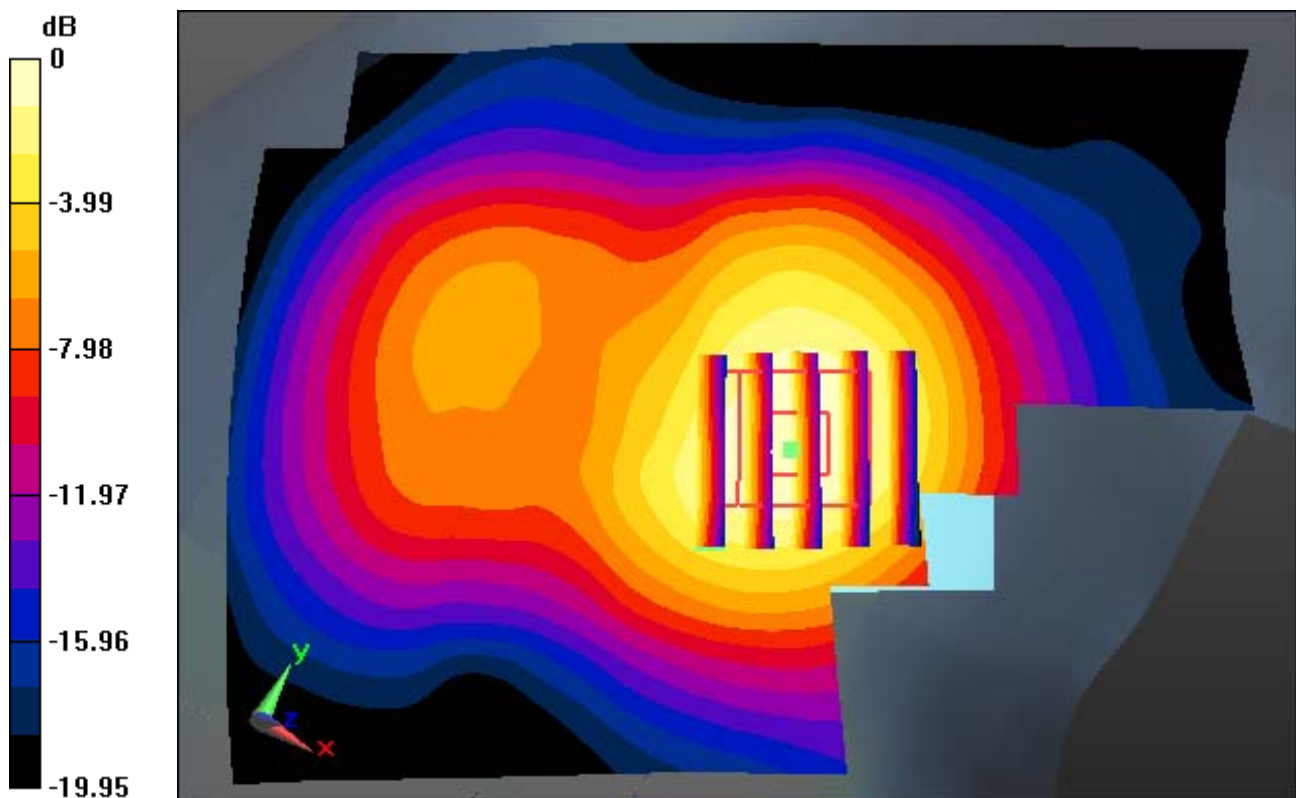
Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-01-03; Ambient Temp: 21.1; Tissue Temp: 21.4

Right Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.391 mW/g
SAR(1 g) = 0.830 W/kg; SAR(10 g) = 0.483 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.415$ mho/m; $\epsilon_r = 39.856$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1; Tissue Temp: 21.4

Right Touch, WCDMA1900 Ch. 9538, Ant Internal, Standard Battery

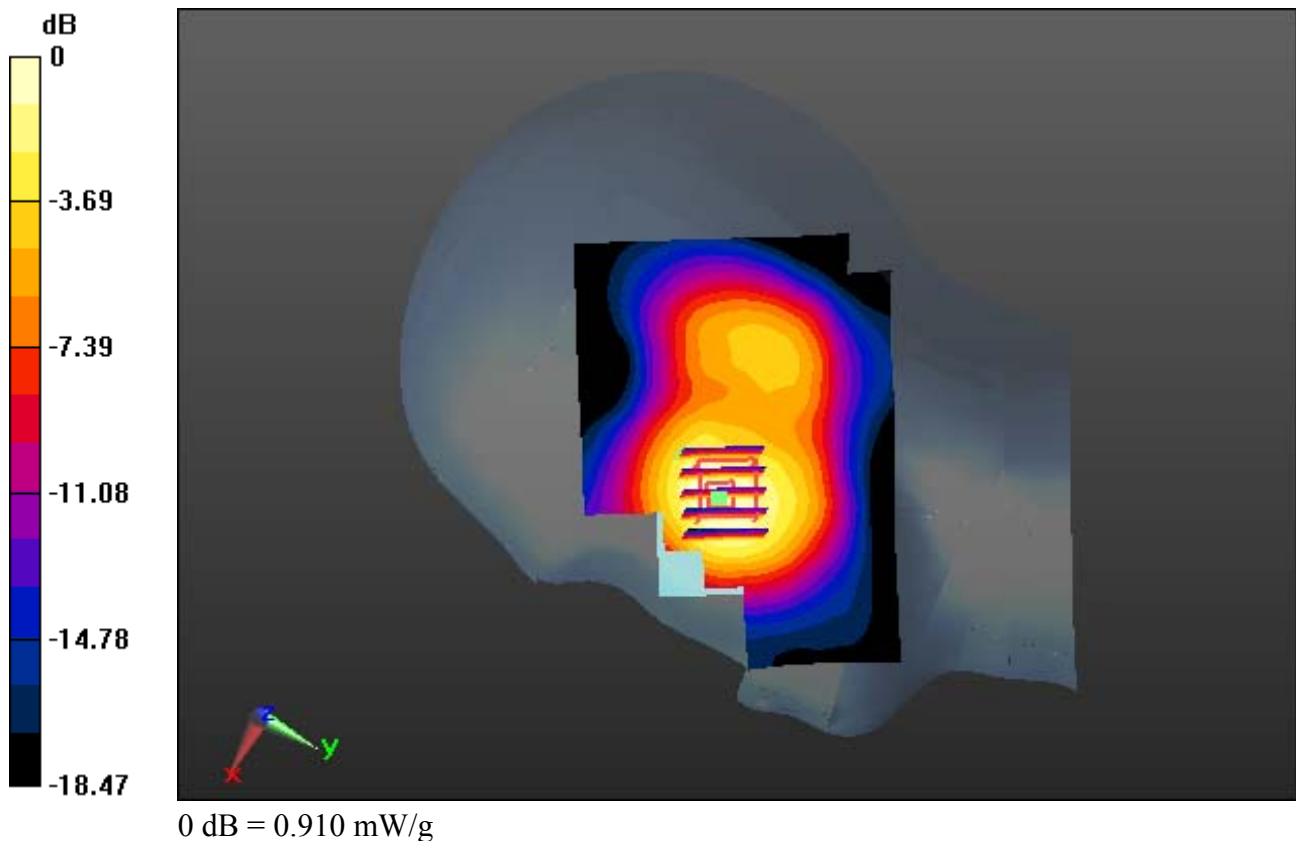
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.127 mW/g

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.403 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.415$ mho/m; $\epsilon_r = 39.856$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1; Tissue Temp: 21.4

Right Touch, WCDMA1900 Ch. 9538, Ant Internal, Standard Battery

With Enlarge plot image

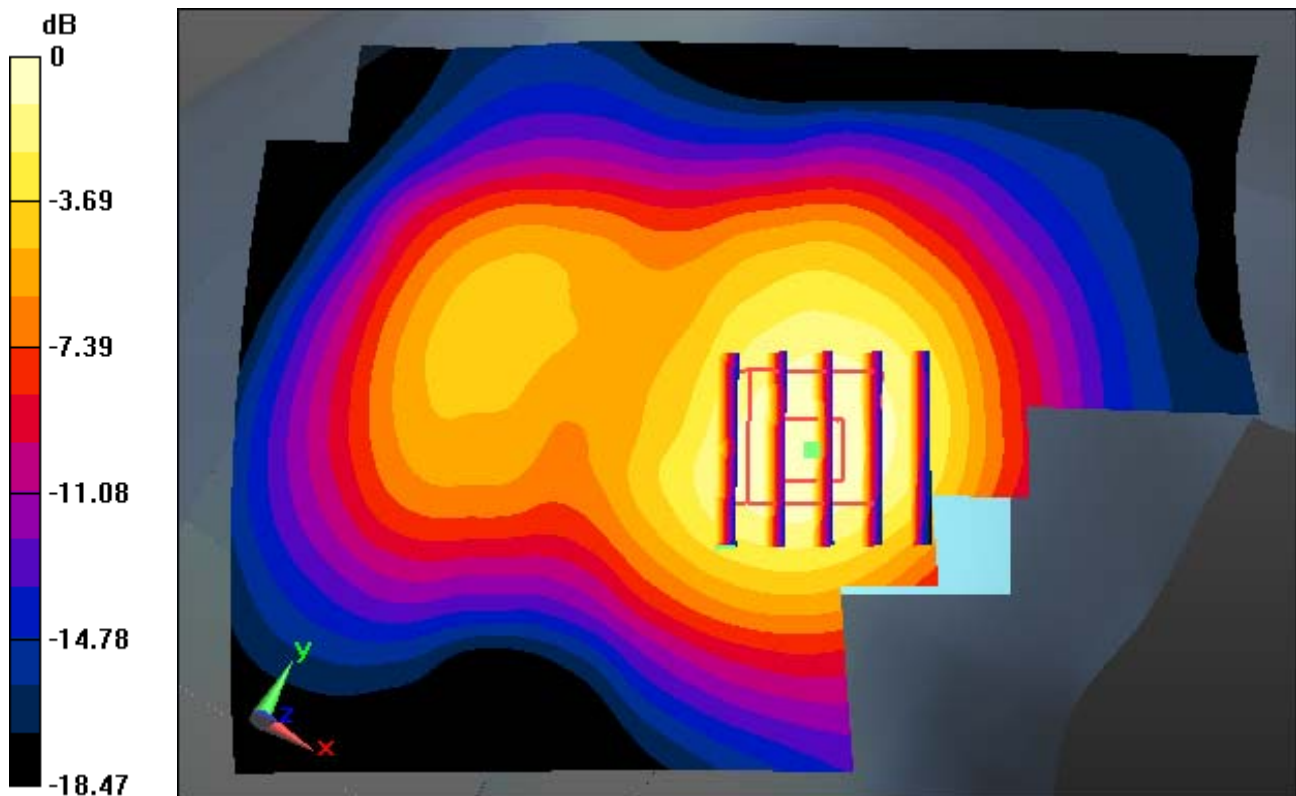
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.127 mW/g

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.403 W/kg



0 dB = 0.910 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Tilt, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

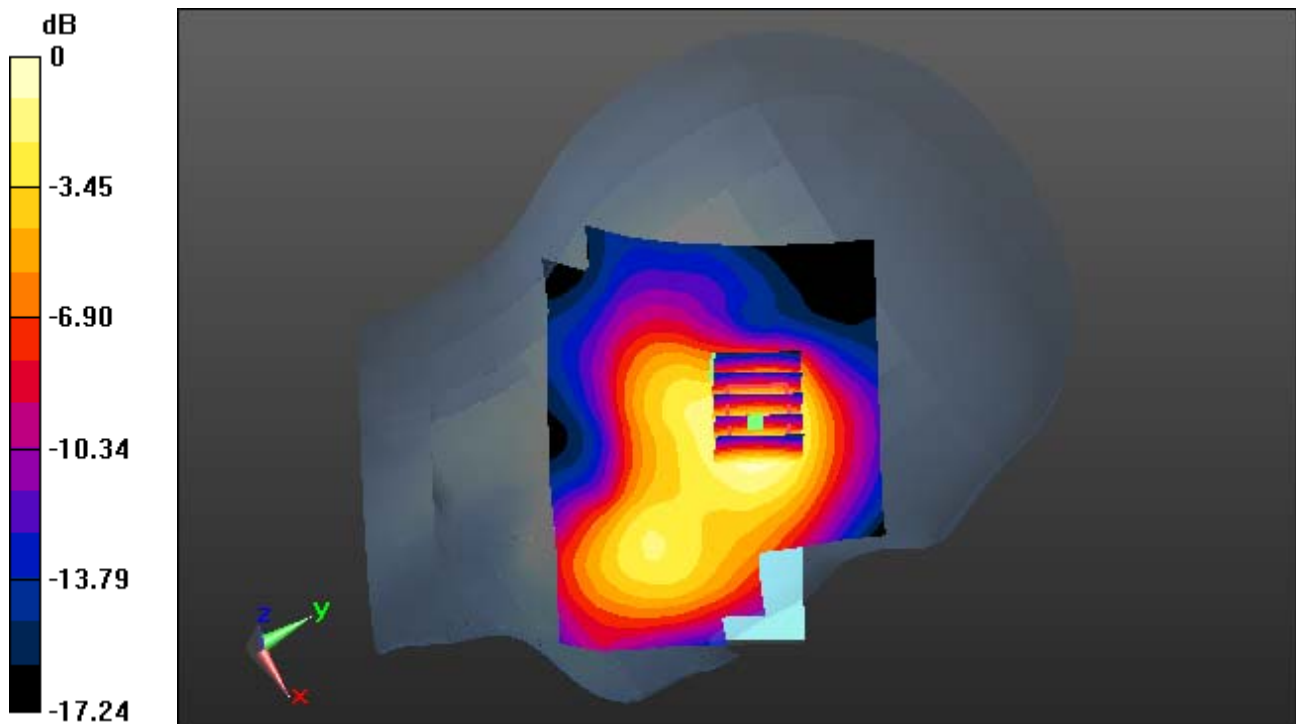
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.482 mW/g

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.188 W/kg



0 dB = 0.392 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Tilt, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

With Enlarge plot image

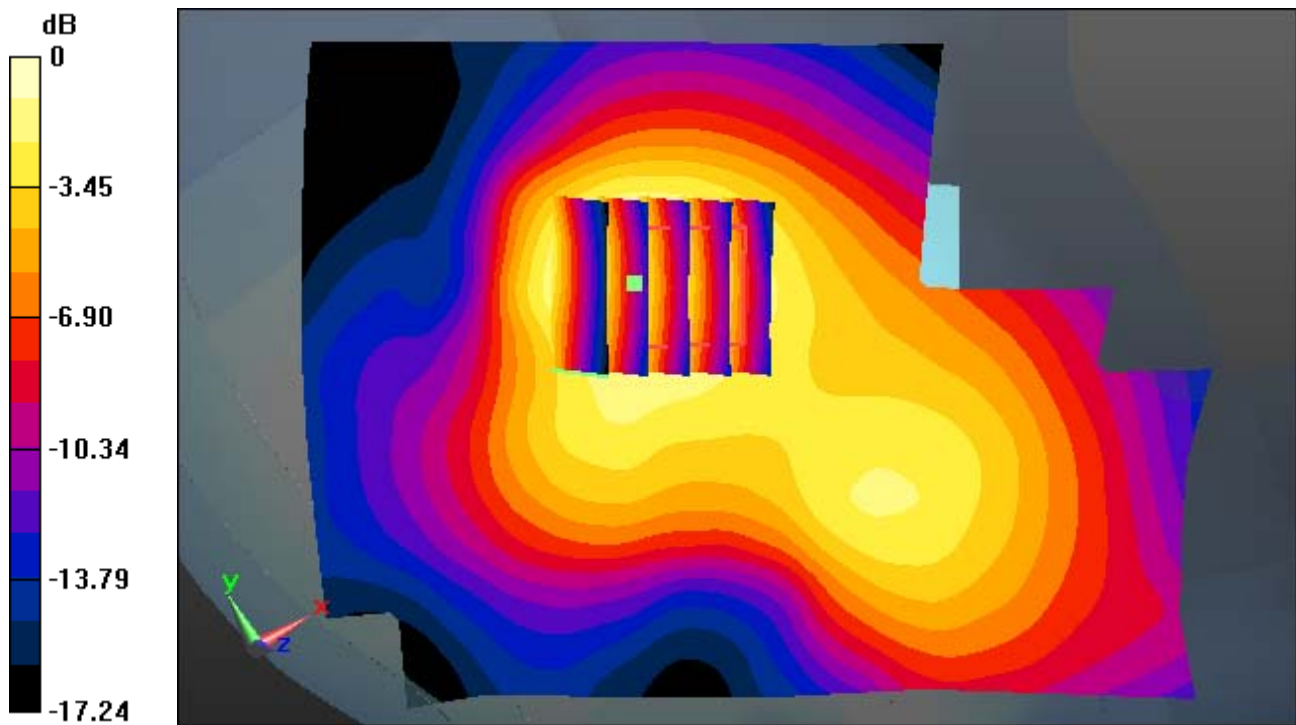
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.482 mW/g

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.188 W/kg



0 dB = 0.392 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Right Tilt, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

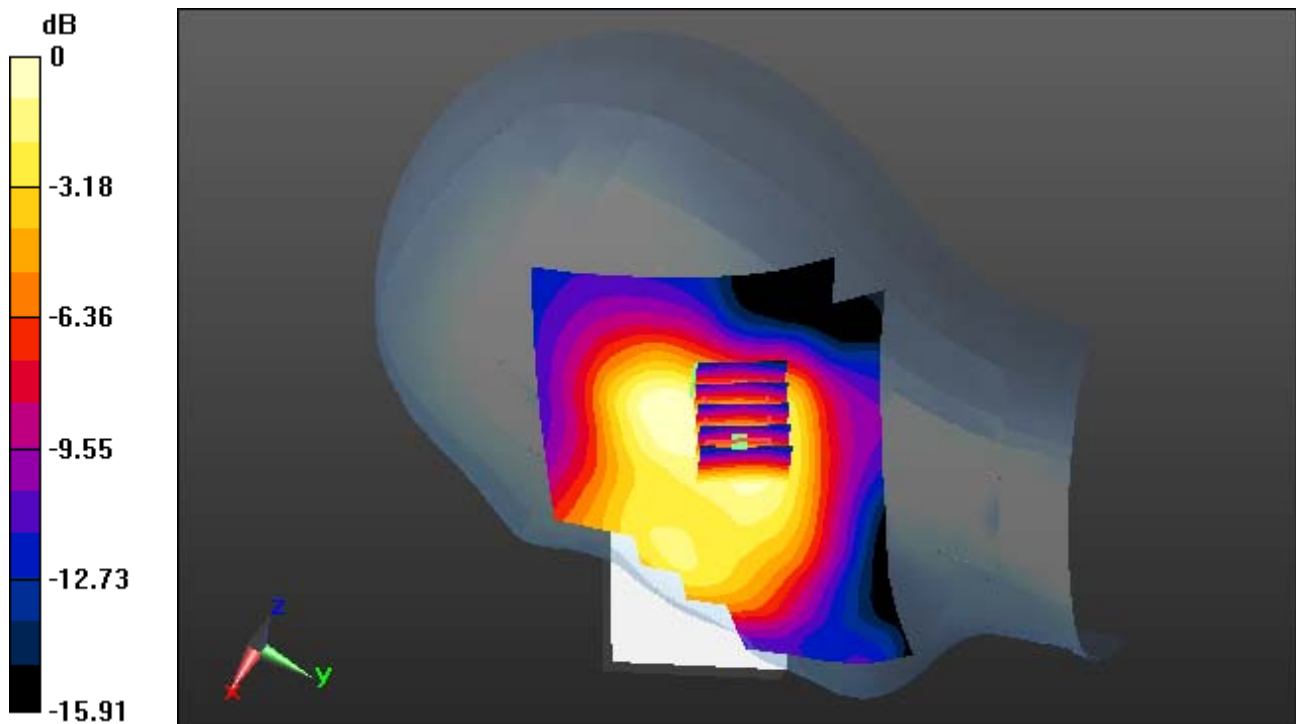
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.316 mW/g

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.131 W/kg



0 dB = 0.259 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.93$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Right Tilt, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

With Enlarge plot image

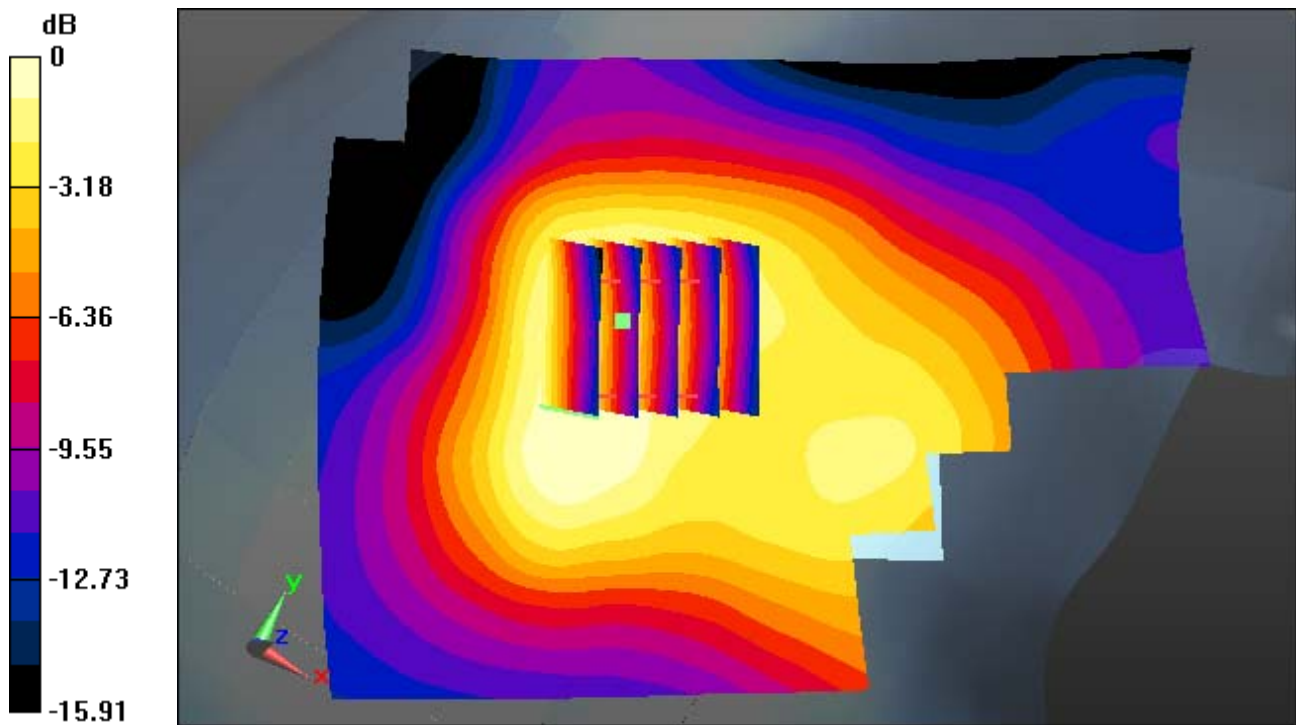
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.316 mW/g

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.131 W/kg



0 dB = 0.259 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r = 40.007$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, Sim2, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

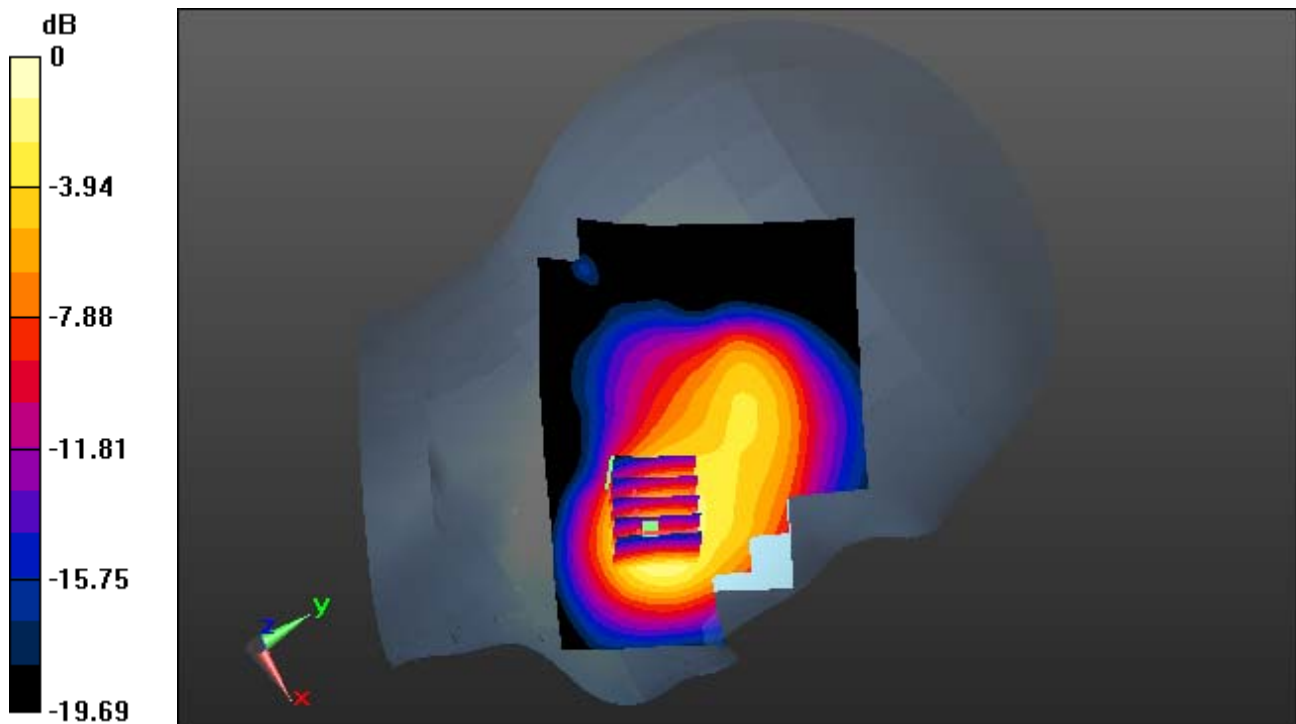
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.559 mW/g

SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.548 W/kg



0 dB = 1.26 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r = 40.007$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, Sim2, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

With Enlarge plot image

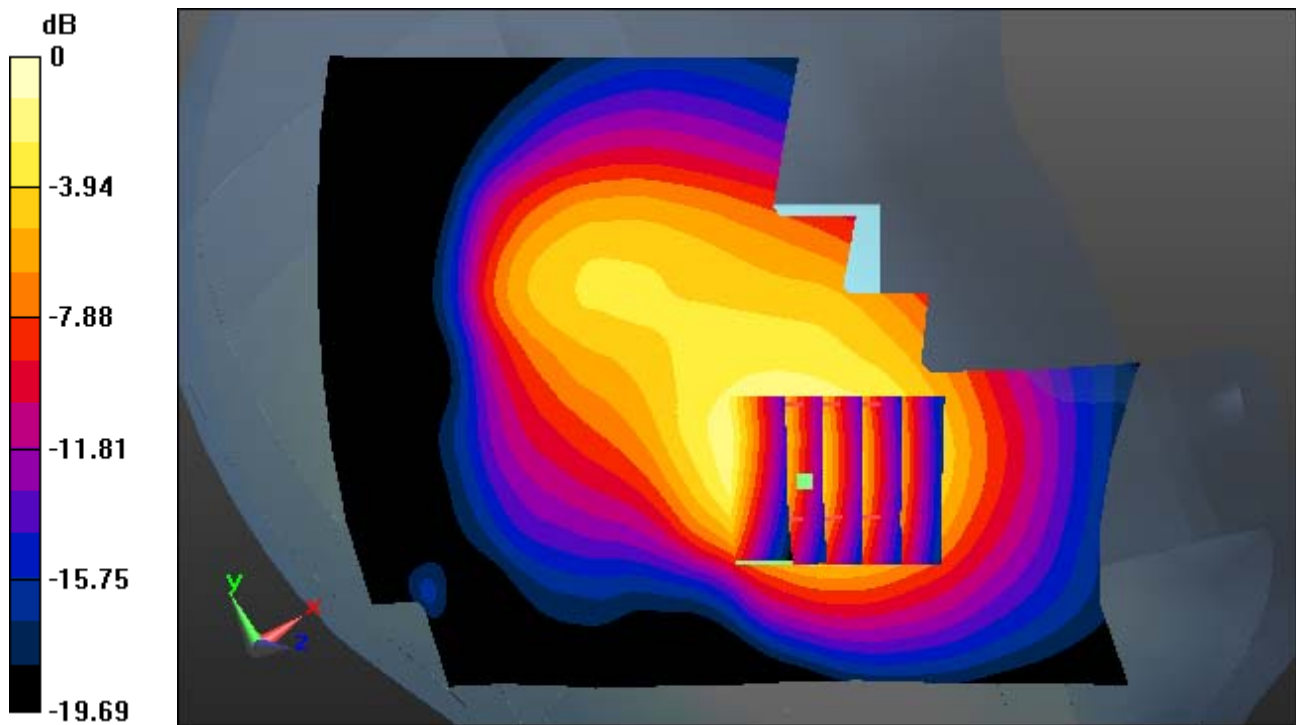
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.559 mW/g

SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.548 W/kg



0 dB = 1.26 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, Sim2, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

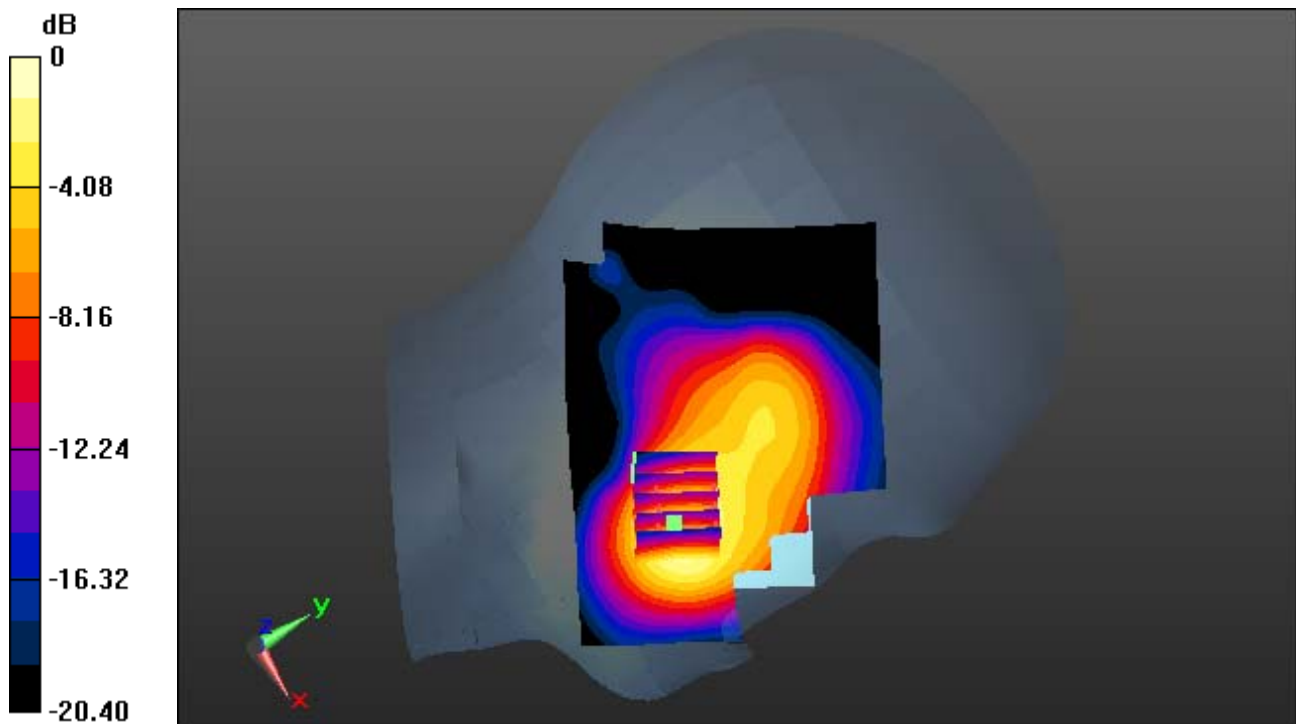
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.833 mW/g

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.628 W/kg



0 dB = 1.47 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, Sim2, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

With Enlarge plot image

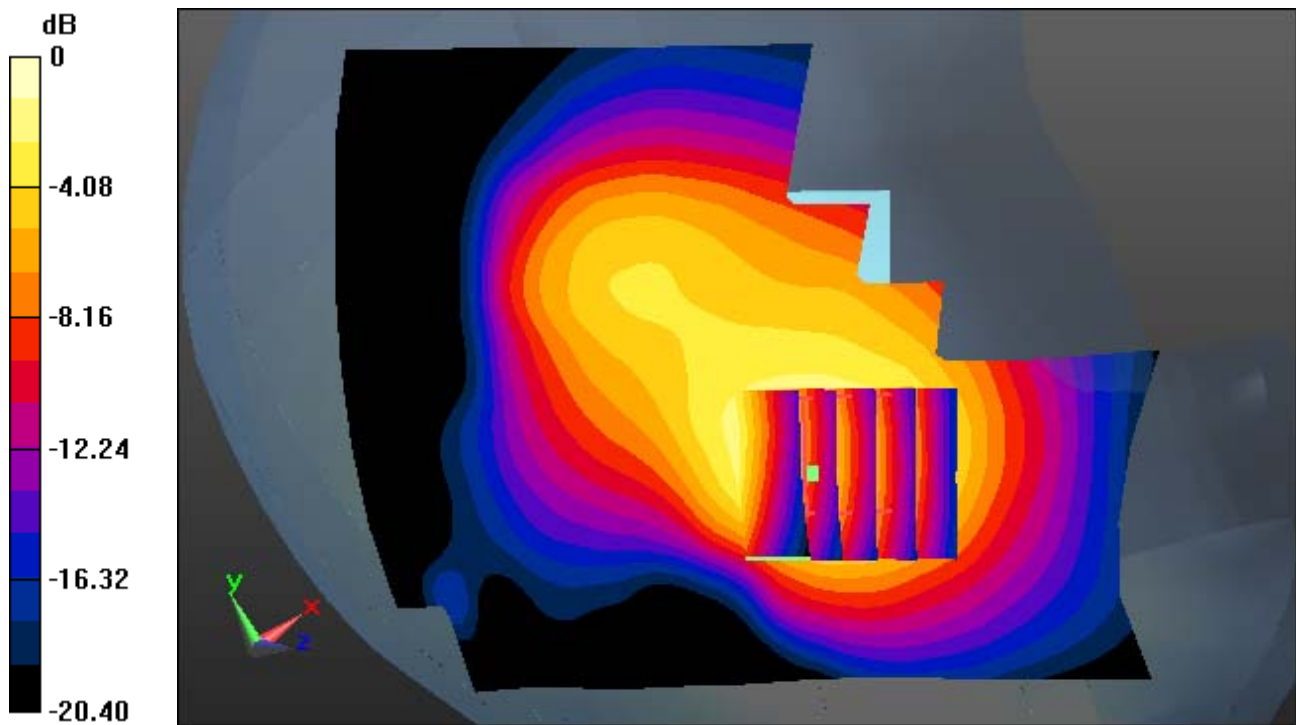
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.833 mW/g

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.628 W/kg



0 dB = 1.47 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.415$ mho/m; $\epsilon_r = 39.856$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, Sim2, WCDMA1900 Ch. 9538, Ant Internal, Standard Battery

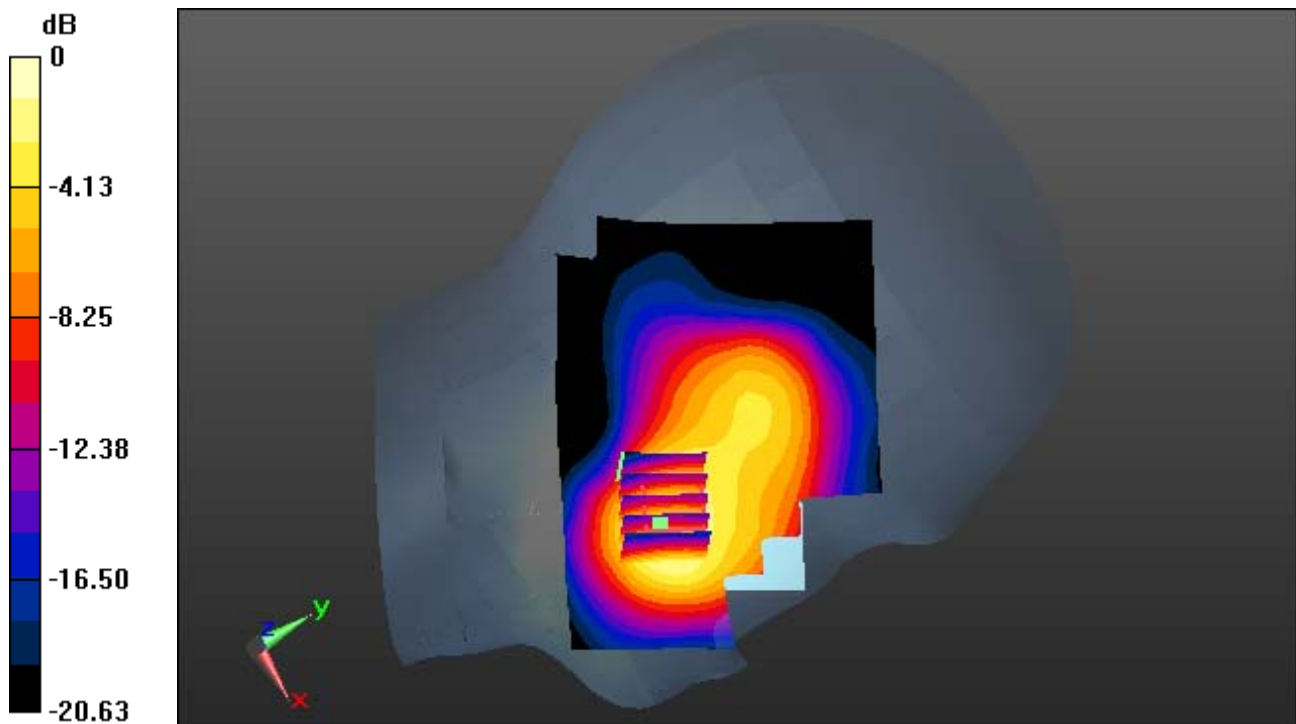
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.571 mW/g

SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.539 W/kg



0 dB = 1.25 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.415$ mho/m; $\epsilon_r = 39.856$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, Sim2, WCDMA1900 Ch. 9538, Ant Internal, Standard Battery

With Enlarge plot image

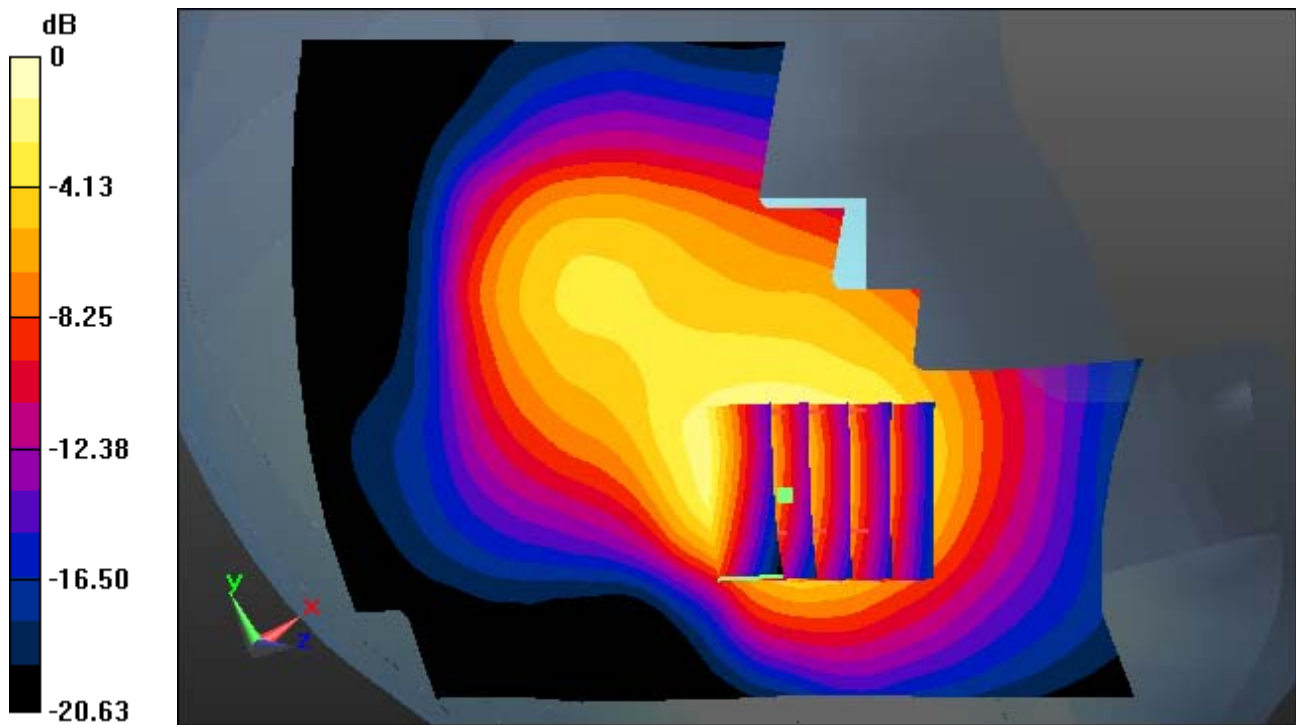
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.571 mW/g

SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.539 W/kg



0 dB = 1.25 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

SAR Variability Result

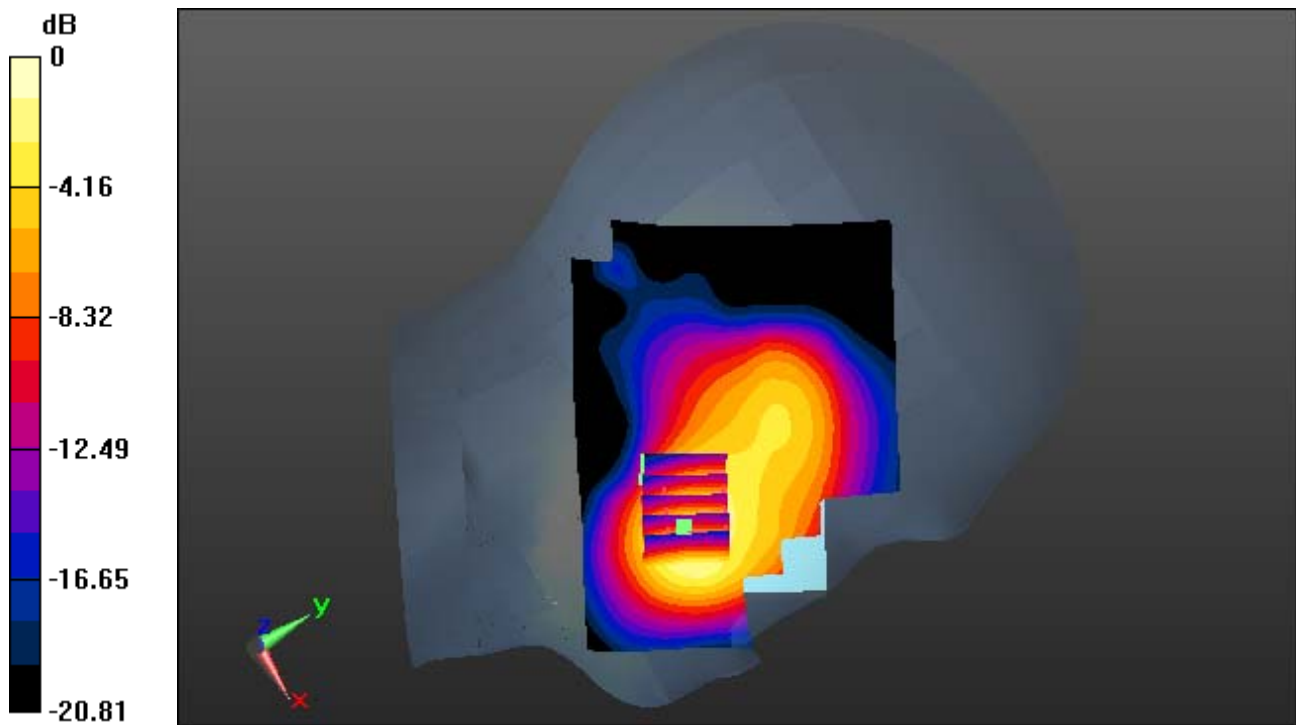
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.844 mW/g

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.633 W/kg



0 dB = 1.48 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

SAR Variability Result, With Enlarge plot image

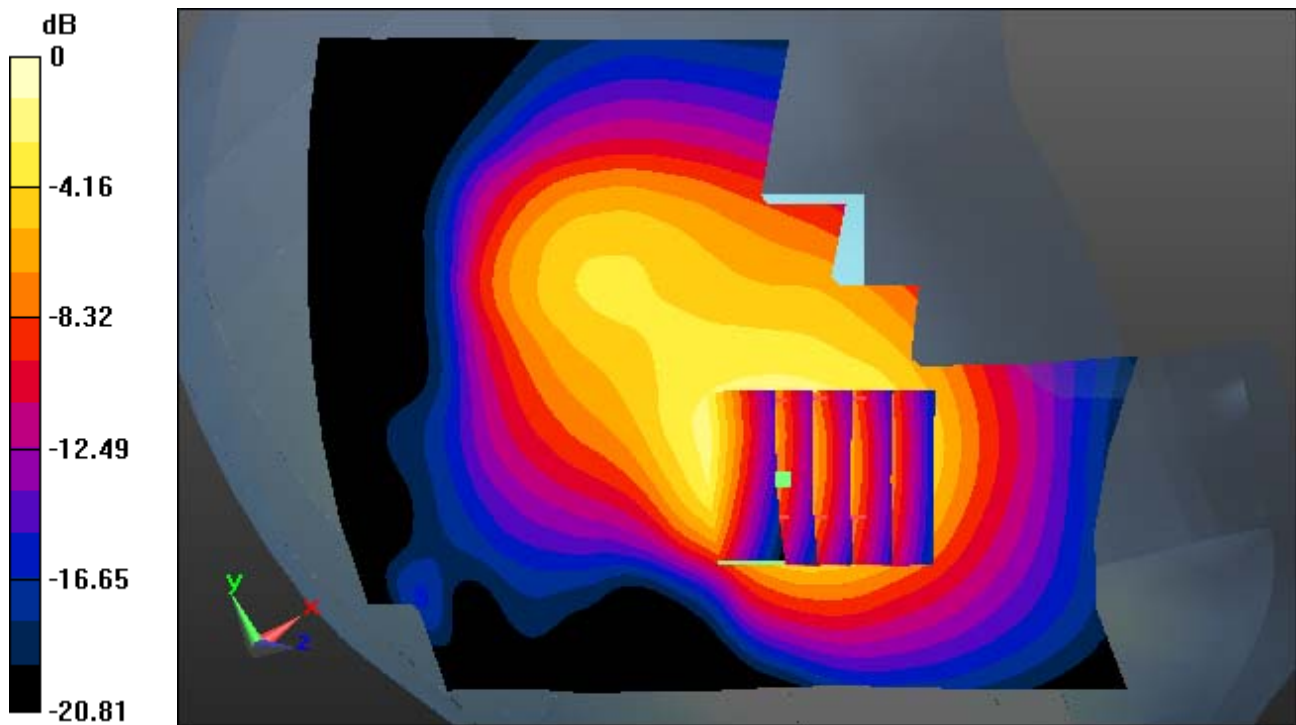
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.844 mW/g

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.633 W/kg



0 dB = 1.48 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r = 39.93$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, Sim2, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

SAR Variability Result

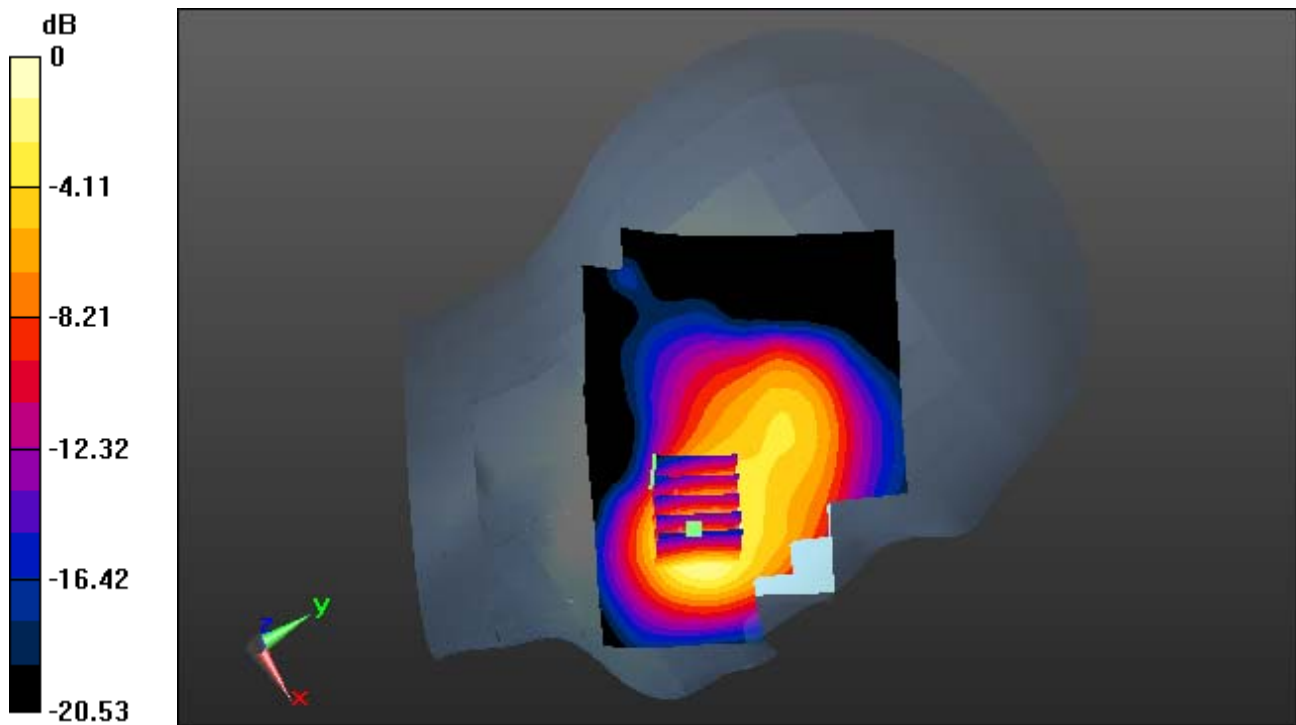
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.809 mW/g

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.623 W/kg



0 dB = 1.46 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, Sim2, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

SAR Variability Result, With Enlarge plot image

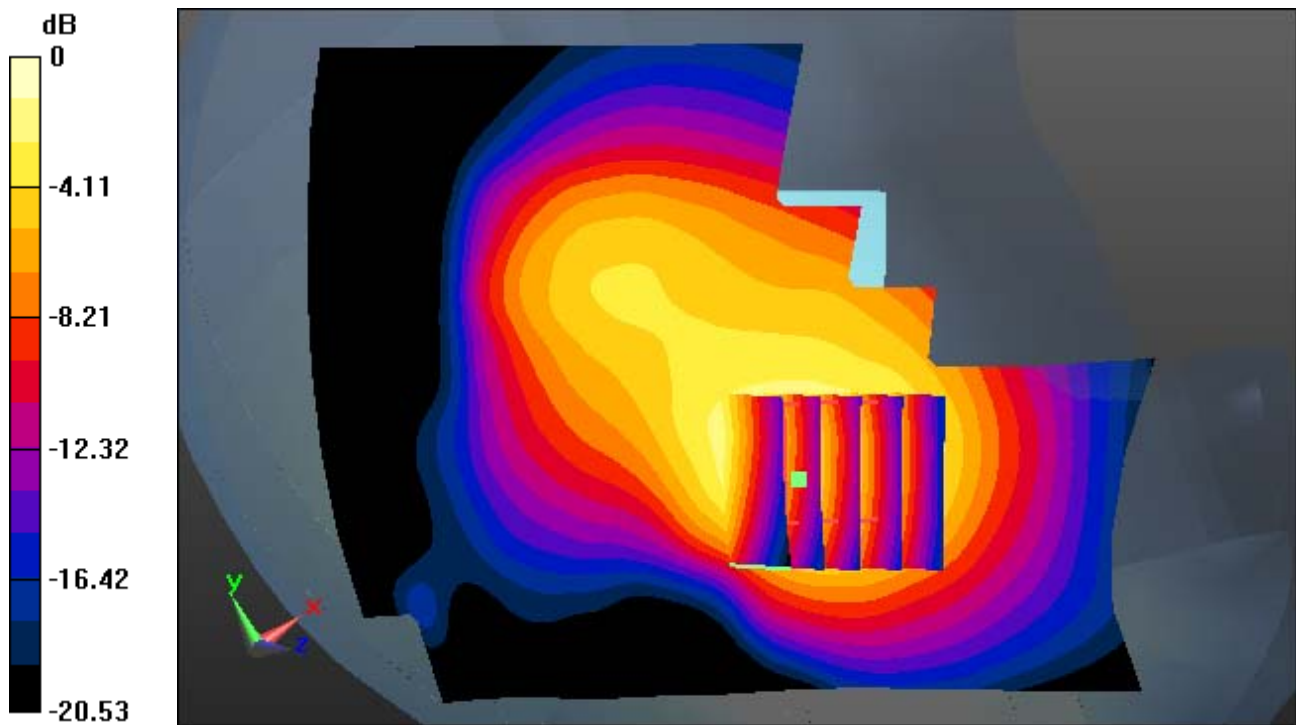
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.809 mW/g

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.623 W/kg



0 dB = 1.46 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; 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: 2013-01-03; Ambient Temp: 21.1 Tissue Temp: 21.4

Left Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

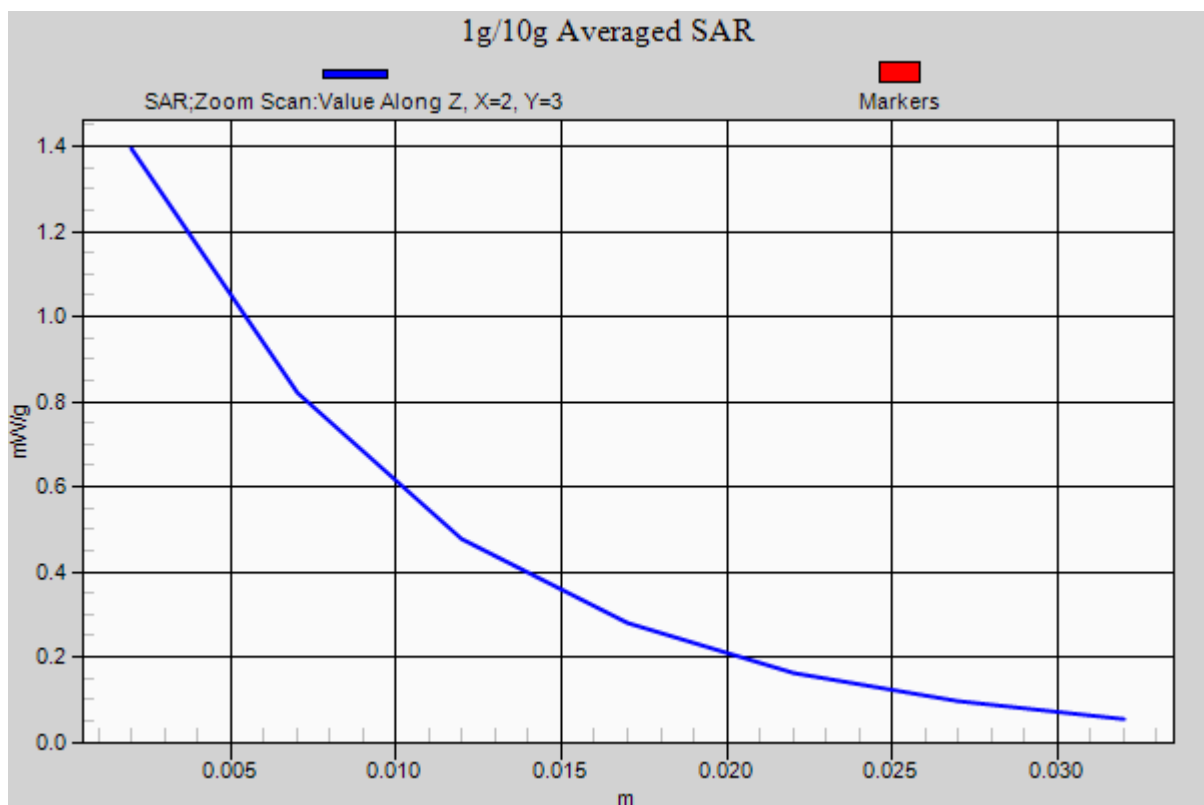
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.837 mW/g

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.631 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.782 \text{ mho/m}$; $\epsilon_r = 38.477$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

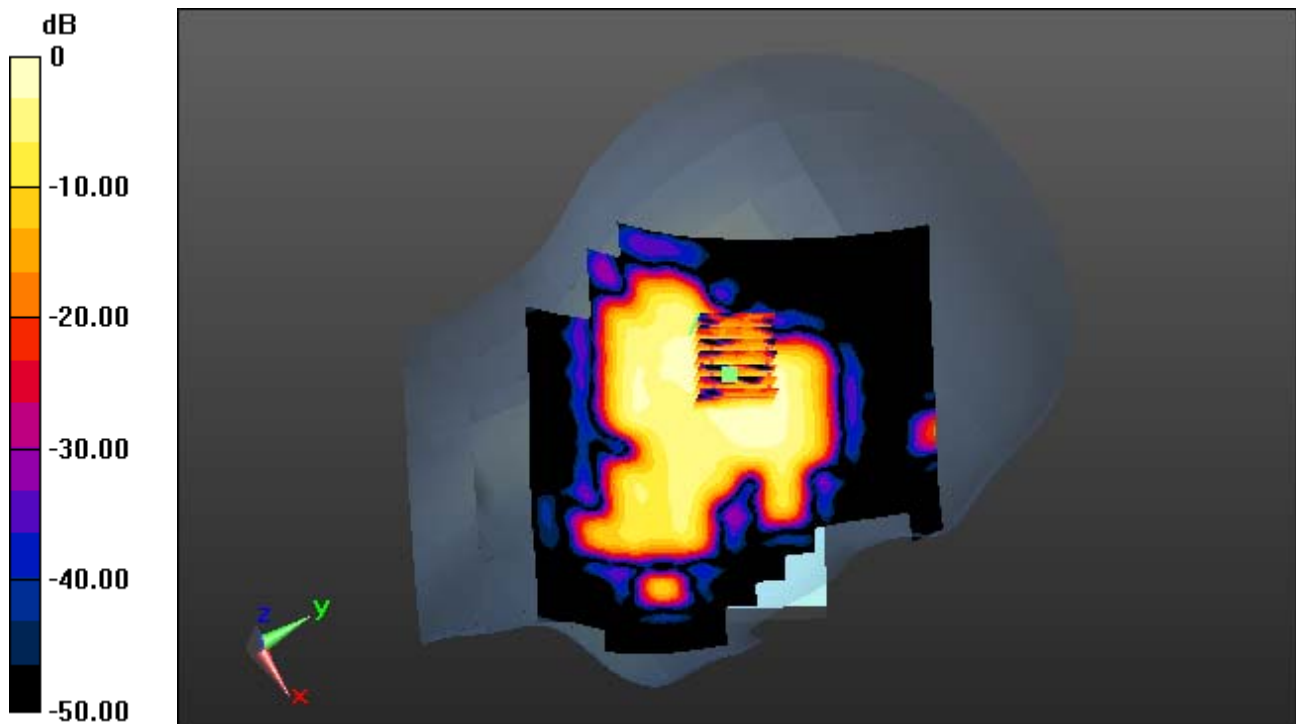
DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; 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: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

Left Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.090 mW/g
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.0631 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.782 \text{ mho/m}$; $\epsilon_r = 38.477$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

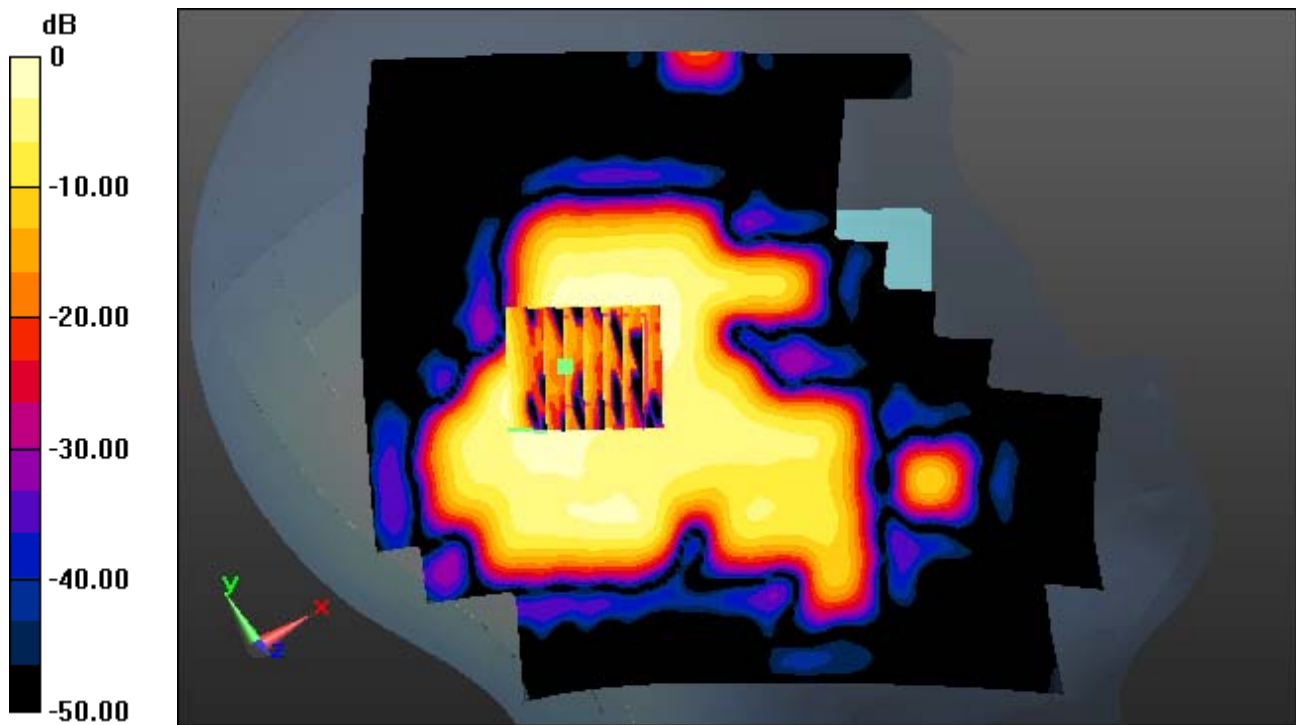
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

Left Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.090 mW/g
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.0631 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.782 \text{ mho/m}$; $\epsilon_r = 38.477$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; 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: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

Right Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

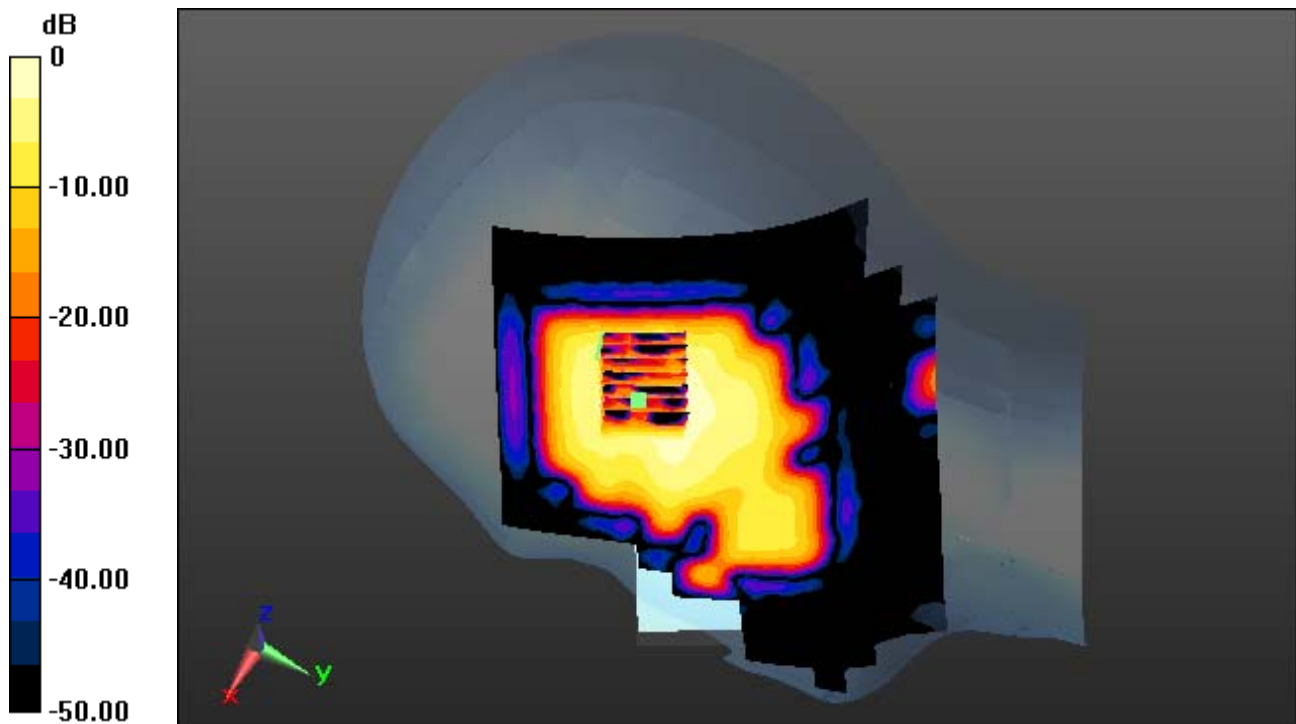
Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.206 mW/g

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.034 W/kg



0 dB = 0.125 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.782 \text{ mho/m}$; $\epsilon_r = 38.477$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

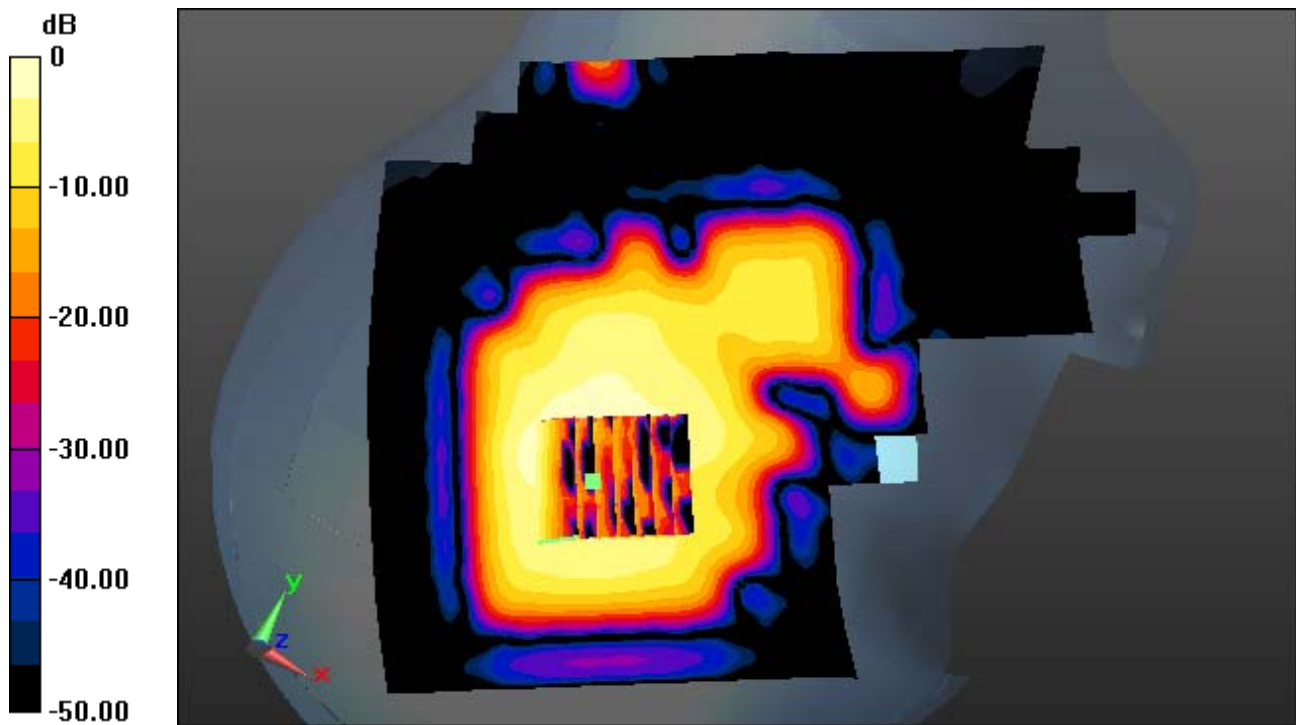
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

Right Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.206 mW/g
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.034 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.806 \text{ mho/m}$; $\epsilon_r = 38.432$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; 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: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

Right Touch, W-LAN(802.11b) Ch. 6, Ant Internal, Standard Battery

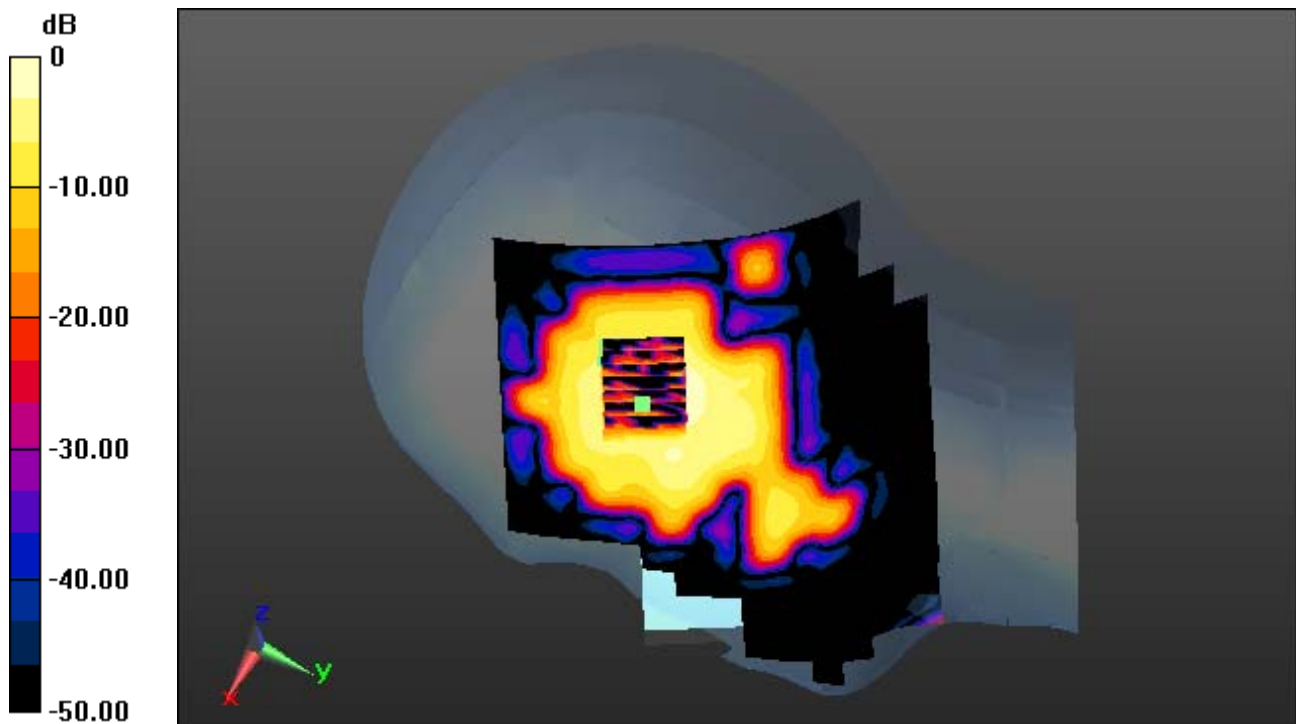
Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.152 mW/g

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.0878 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.806 \text{ mho/m}$; $\epsilon_r = 38.432$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

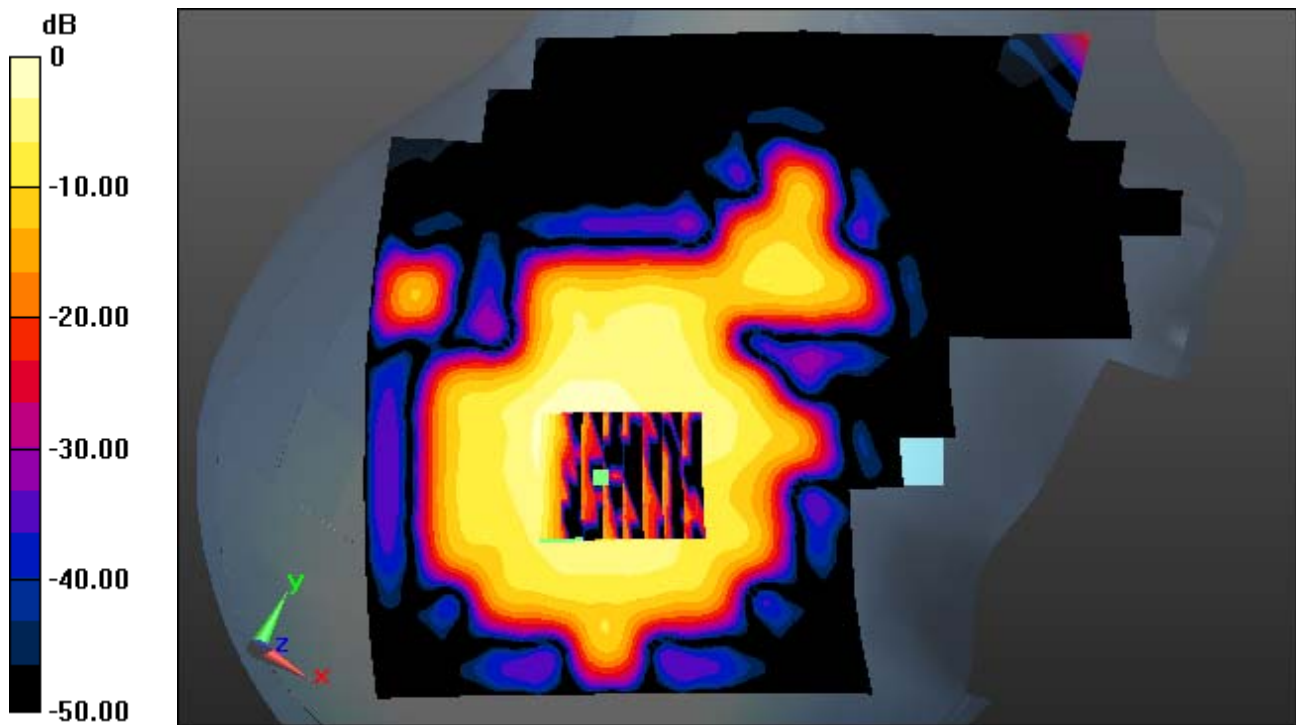
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

Right Touch, W-LAN(802.11b) Ch. 6, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.152 mW/g
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.0878 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.829 \text{ mho/m}$; $\epsilon_r = 38.378$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; 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: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

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

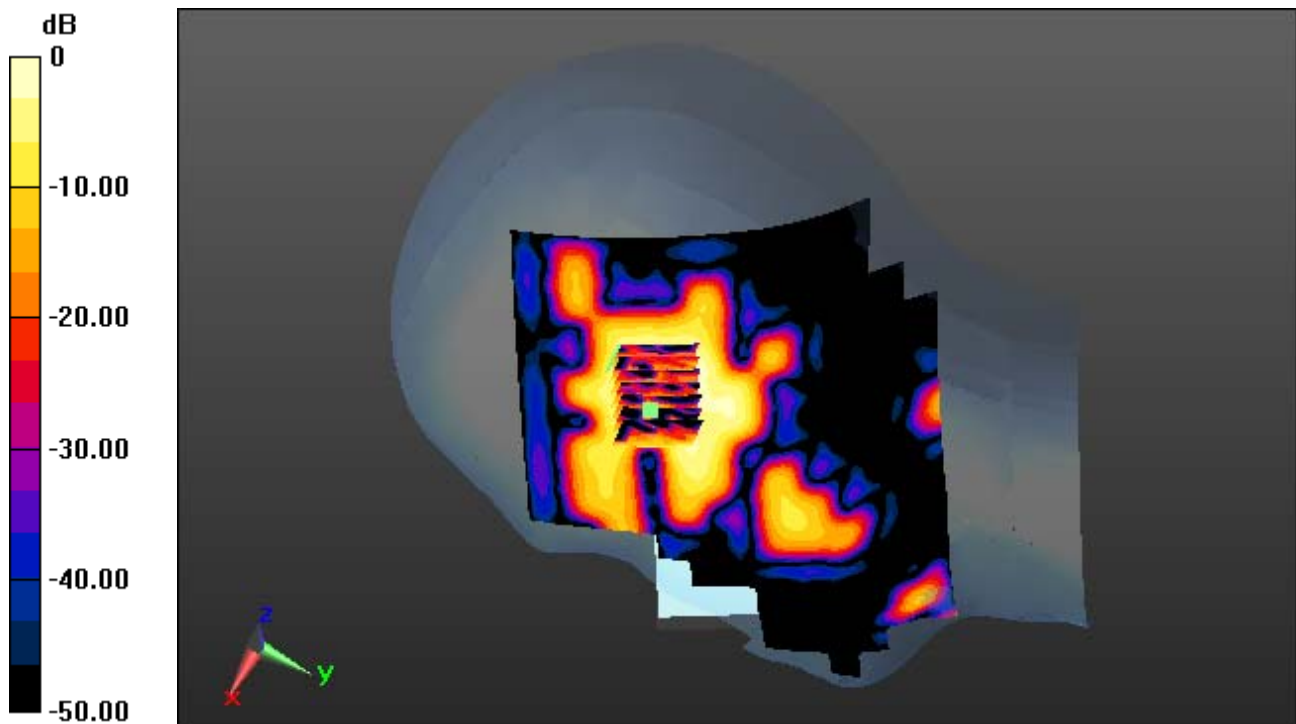
Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.138 mW/g

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.017 W/kg



0 dB = 0.0797 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.829 \text{ mho/m}$; $\epsilon_r = 38.378$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

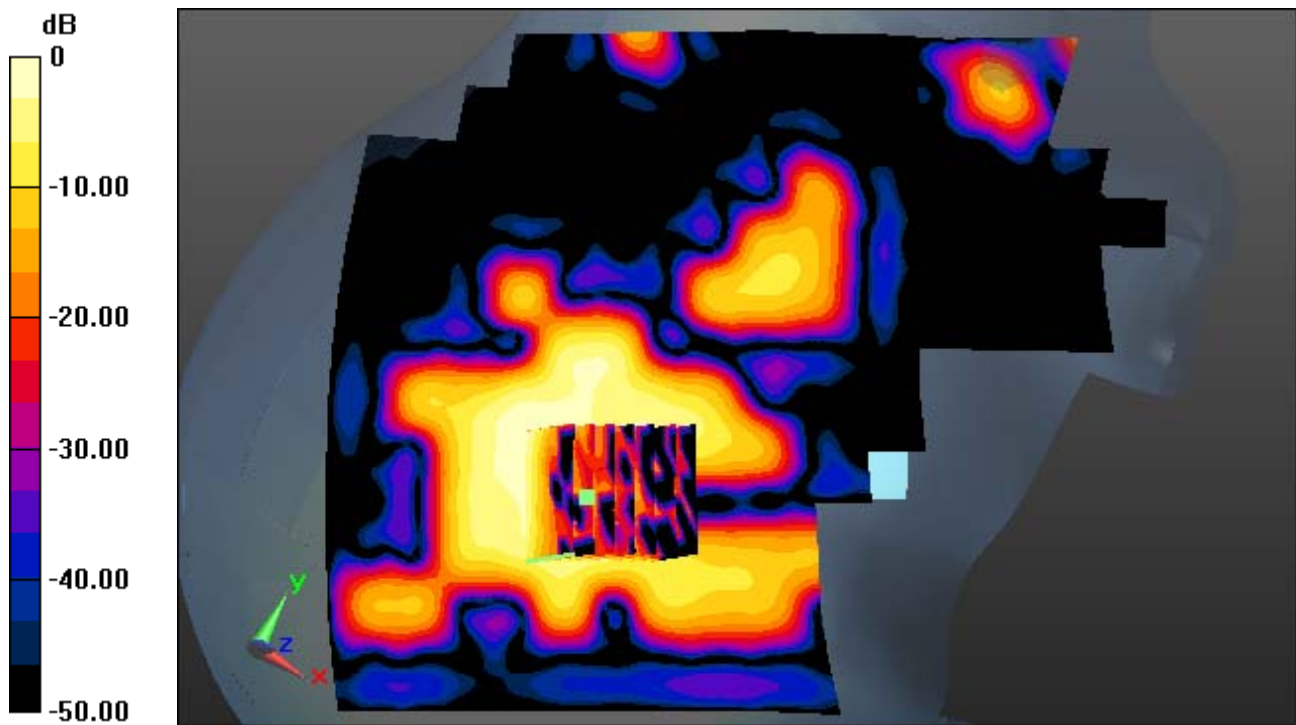
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

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

With Enlarge plot image

Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.138 mW/g
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.017 W/kg



0 dB = 0.0797 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.782 \text{ mho/m}$; $\epsilon_r = 38.477$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; 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: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

Left Tilt, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

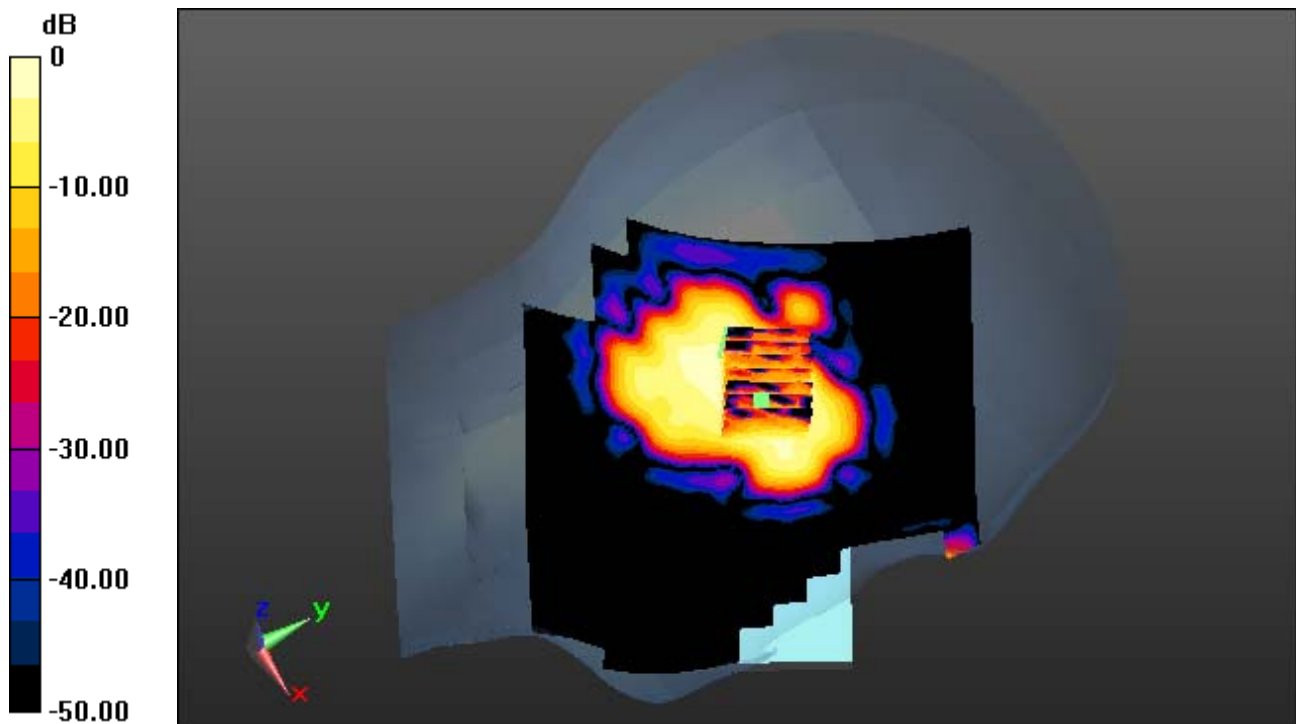
Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.087 mW/g

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.0627 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.782$ mho/m; $\epsilon_r = 38.477$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

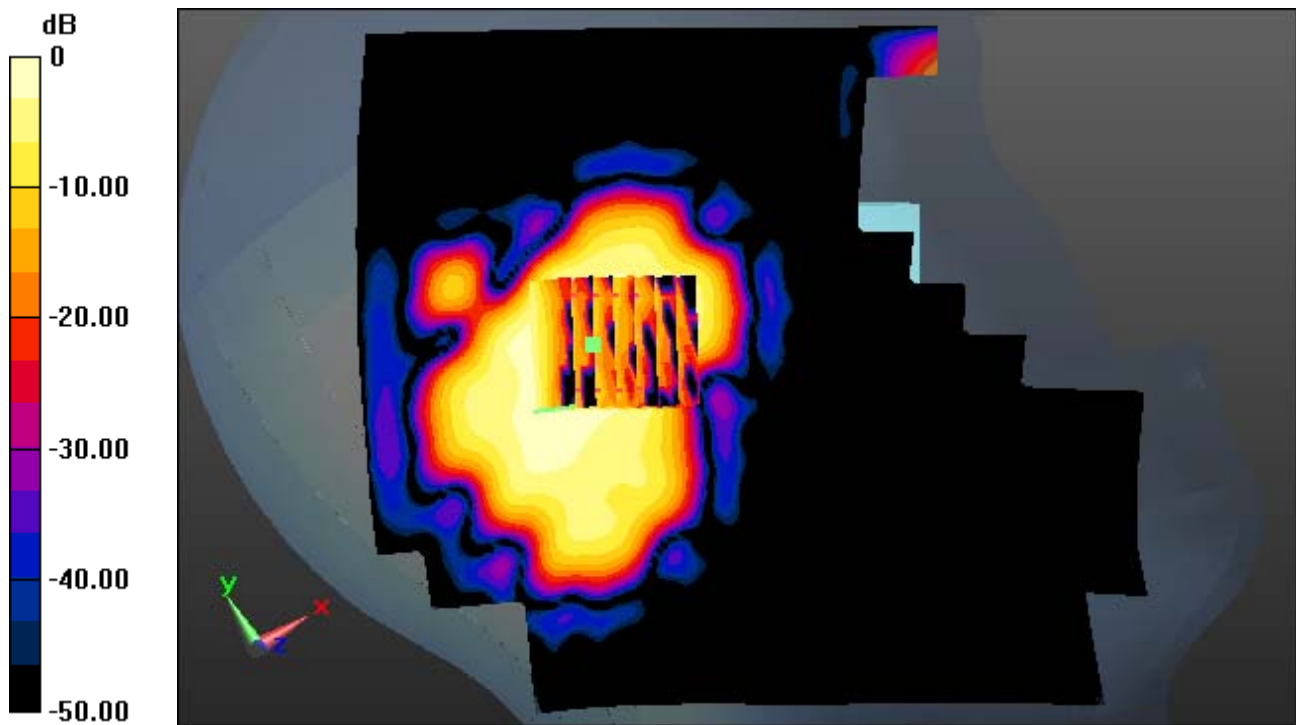
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

Left Tilt, W-LAN(802.11b) Ch. 1, 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 = 0.10 dB
Peak SAR (extrapolated) = 0.087 mW/g
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.0627 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.782 \text{ mho/m}$; $\epsilon_r = 38.477$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

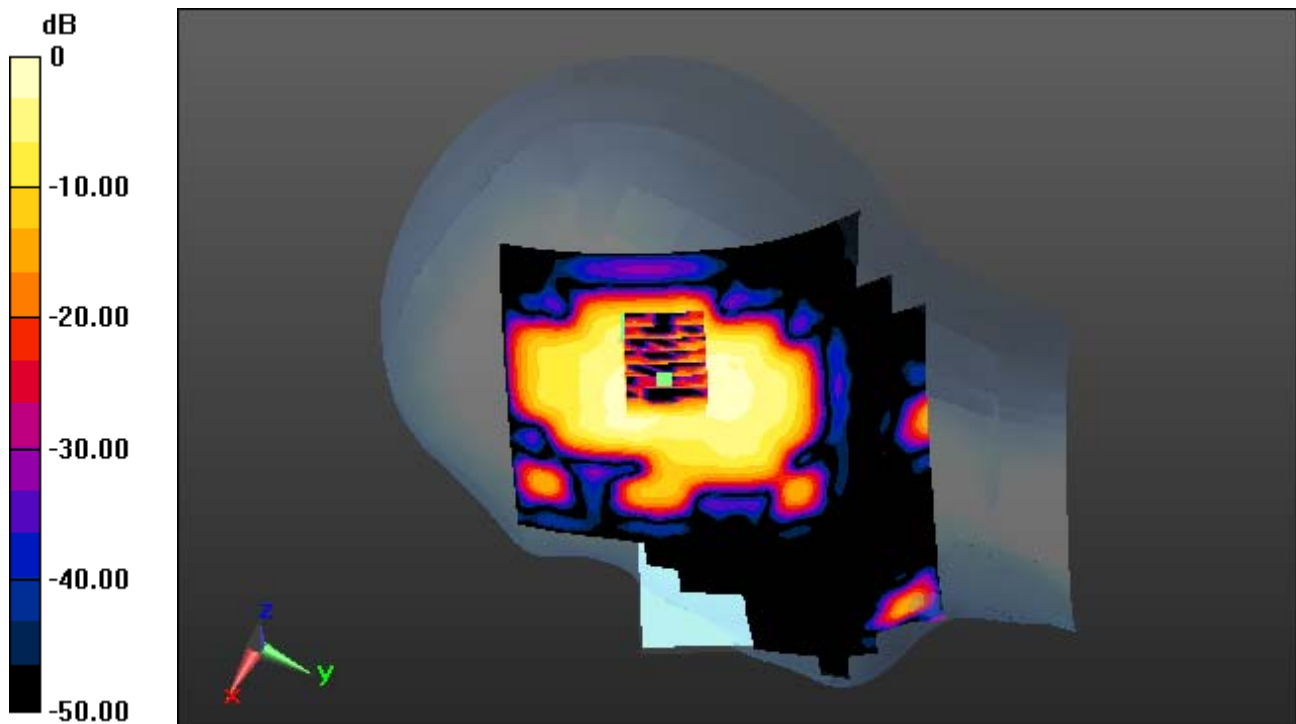
DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; 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: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

Right Tilt, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.130 mW/g
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.0868 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.782 \text{ mho/m}$; $\epsilon_r = 38.477$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

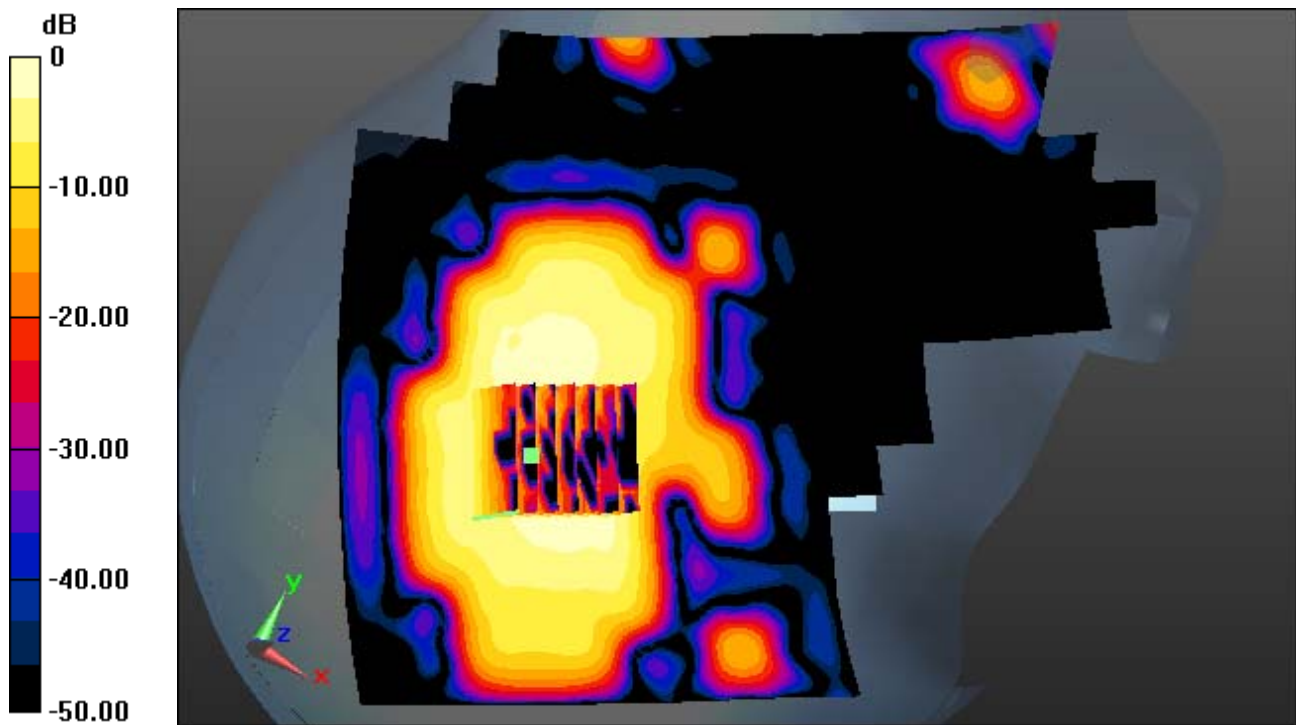
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

Right Tilt, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.130 mW/g
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.0868 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.782 \text{ mho/m}$; $\epsilon_r = 38.477$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; 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: 2013-01-04; Ambient Temp: 21.4 Tissue Temp: 21.8

Right Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

Area Scan (131x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.206 mW/g

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.034 W/kg

