

SAR Test Plots – Body 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: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Bottom, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

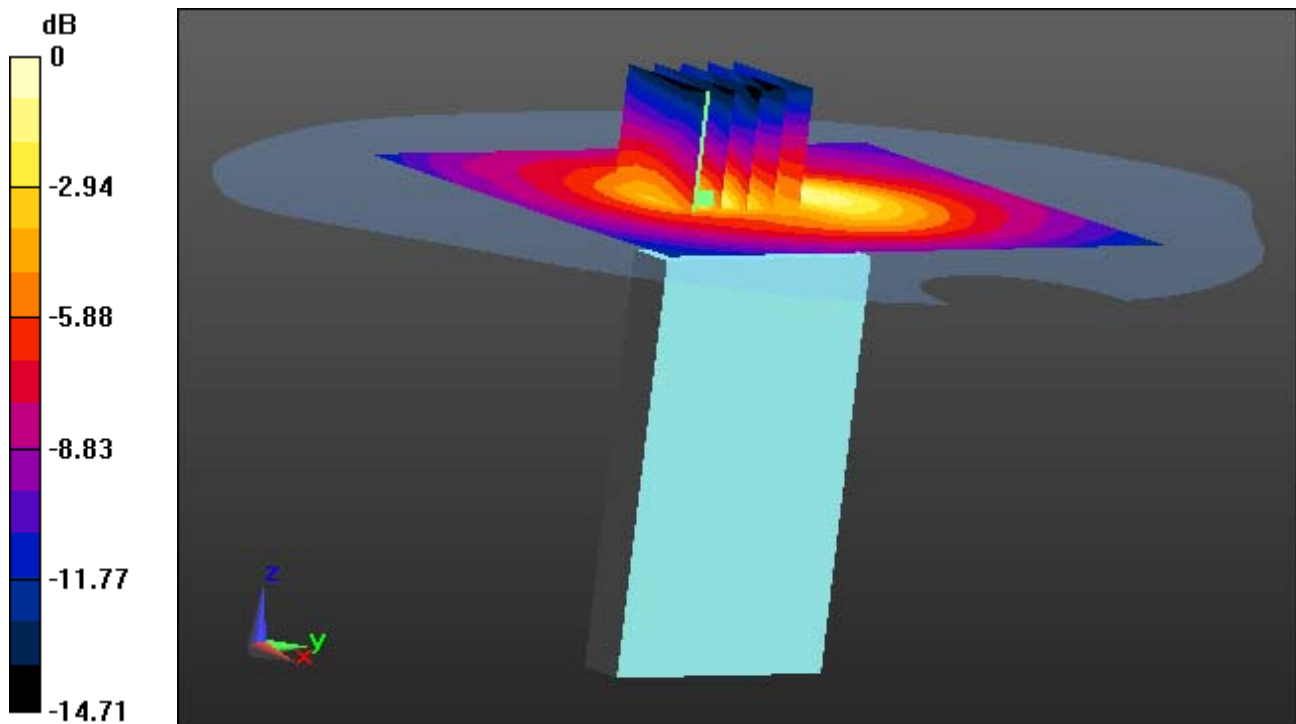
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.187 mW/g

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.056 W/kg



0 dB = 0.138 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

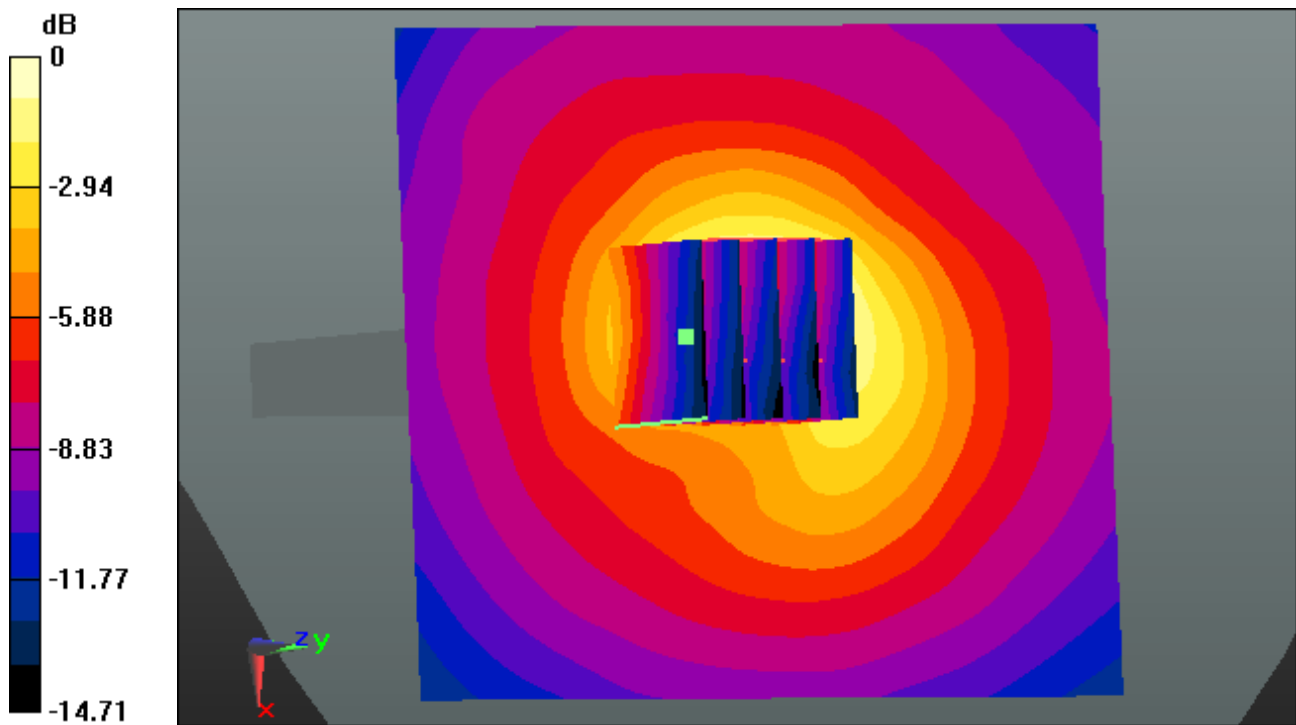
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Bottom, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

With Enlarge plot image

Area Scan (81x101x1): 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) = 0.187 mW/g
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.056 W/kg



0 dB = 0.138 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; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Front, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

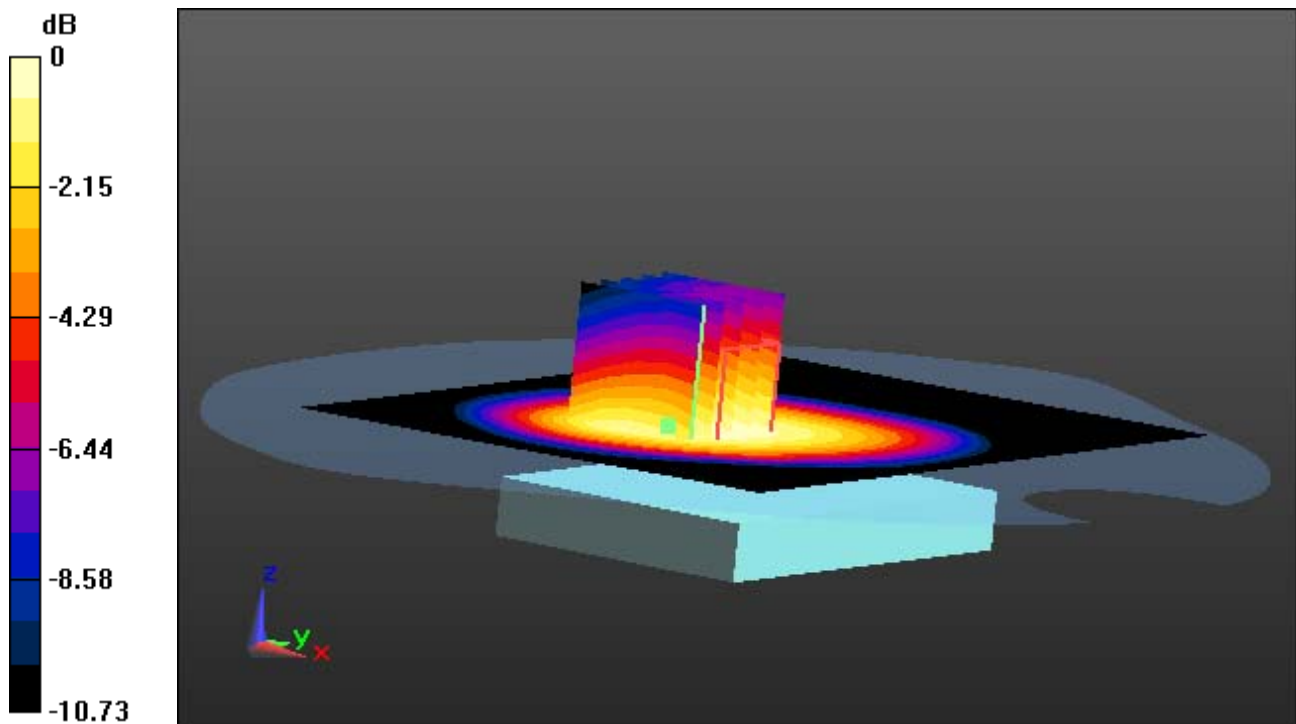
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.518 mW/g

SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.297 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

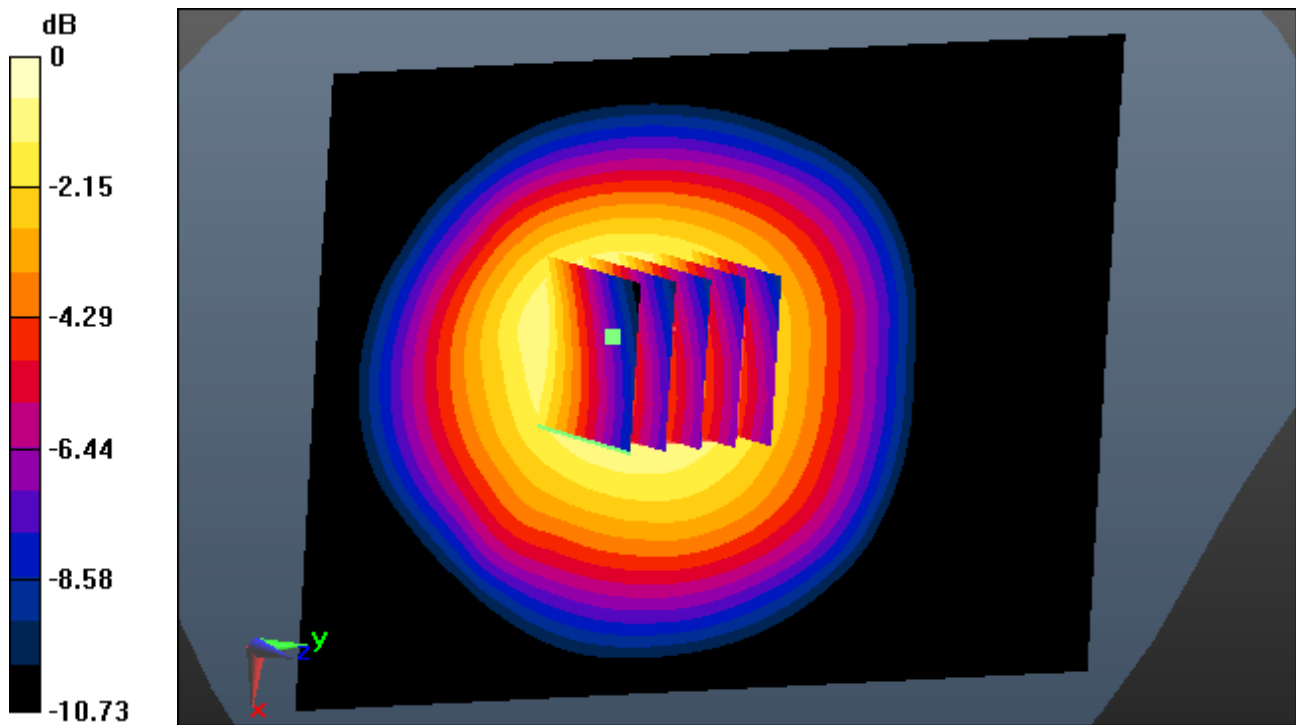
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Front, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

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 = 0.09 dB
Peak SAR (extrapolated) = 0.518 mW/g
SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.297 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

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

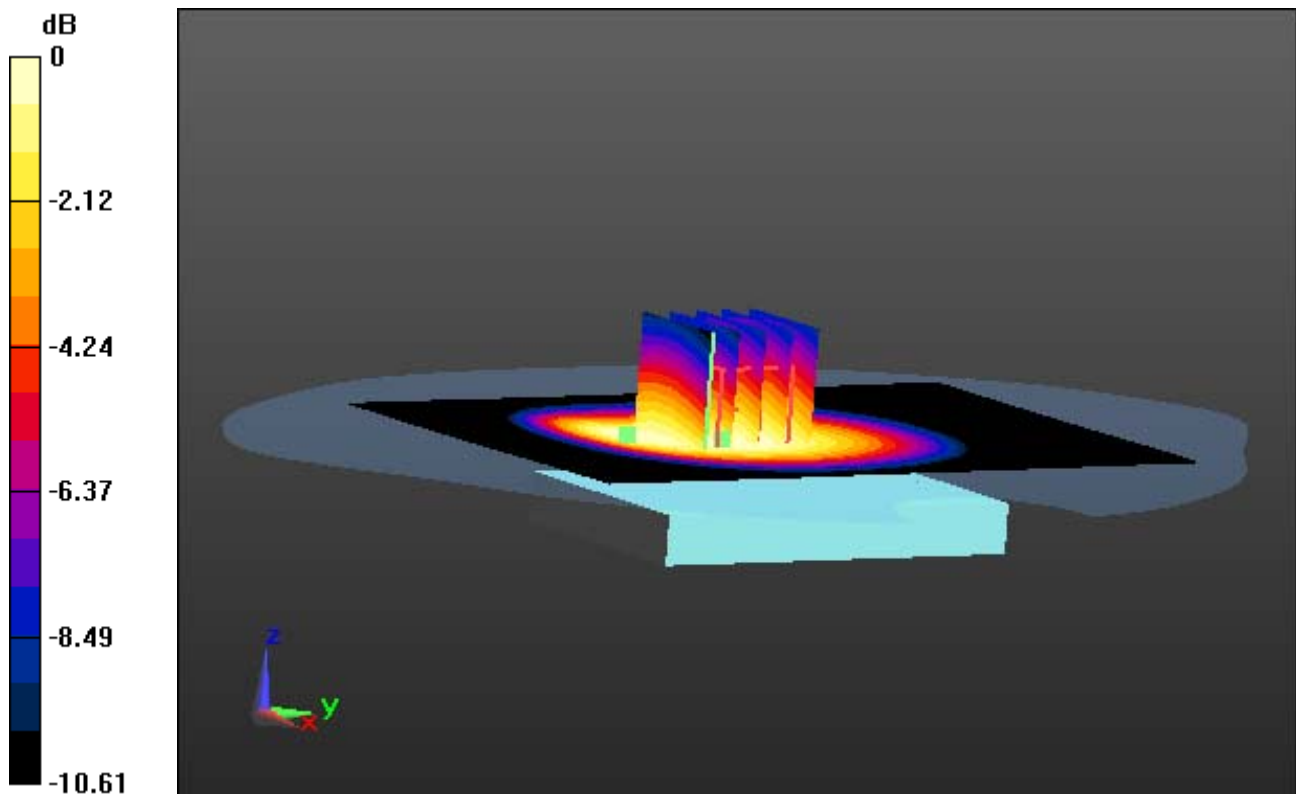
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.035 mW/g

SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.550 W/kg



0 dB = 0.914 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; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

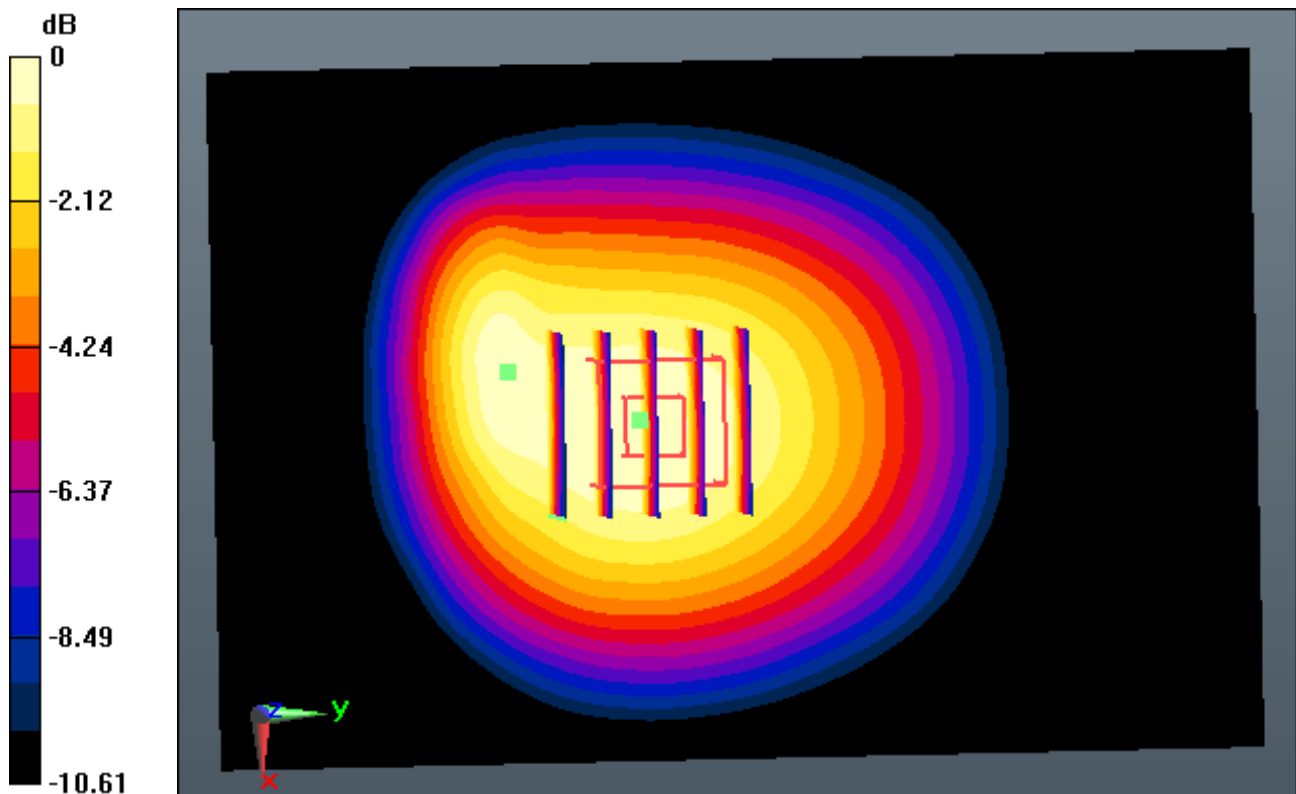
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.035 mW/g

SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.550 W/kg



0 dB = 0.914 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; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

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

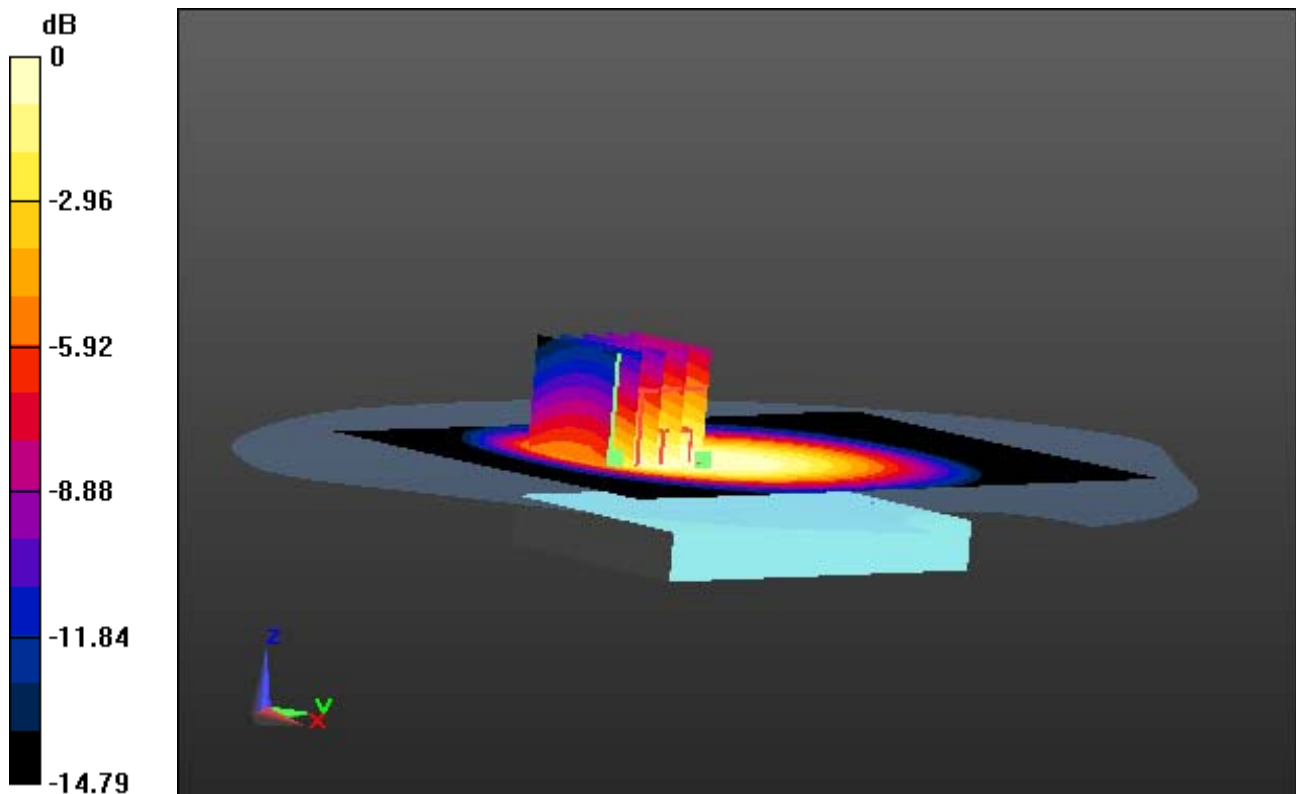
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.010 mW/g

SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.478 W/kg



0 dB = 0.875 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; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

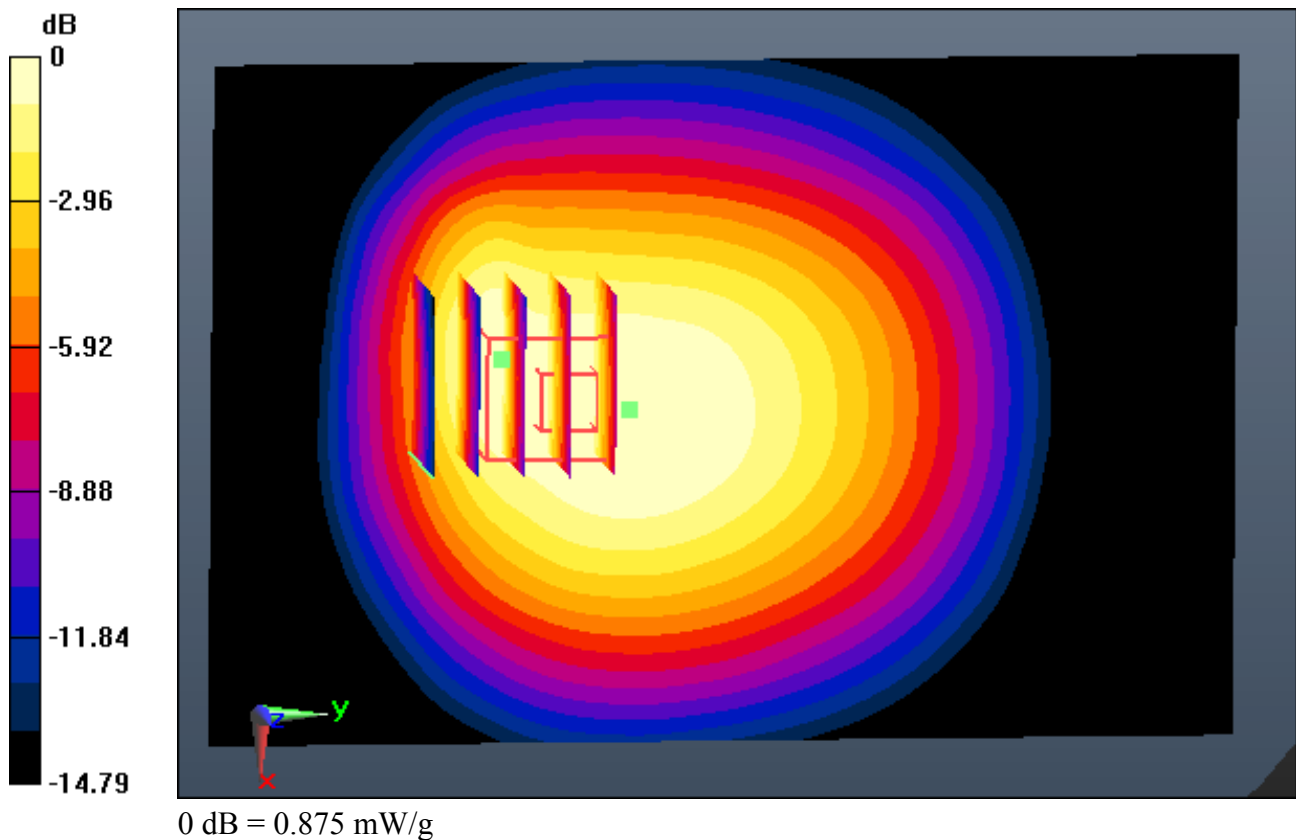
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.010 mW/g
SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.478 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; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

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

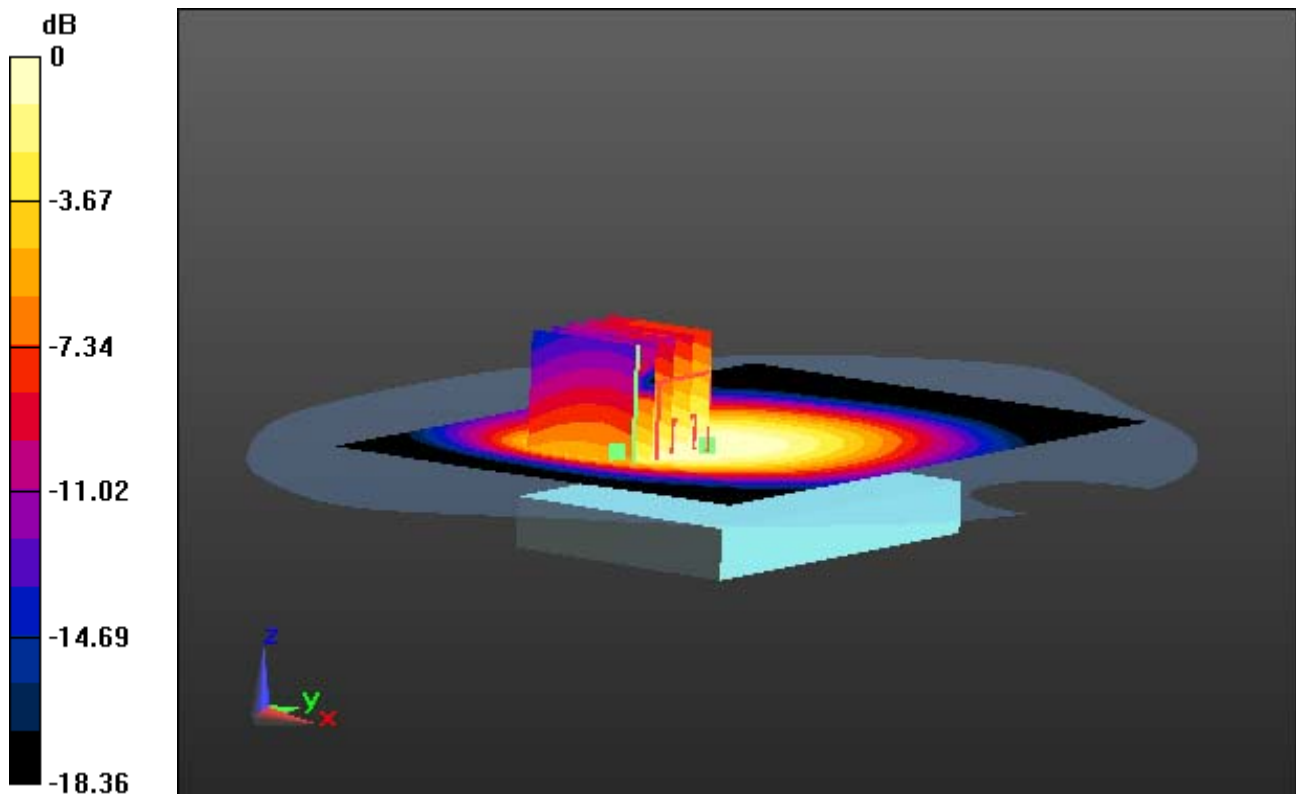
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.039 mW/g

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.489 W/kg



0 dB = 0.899 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

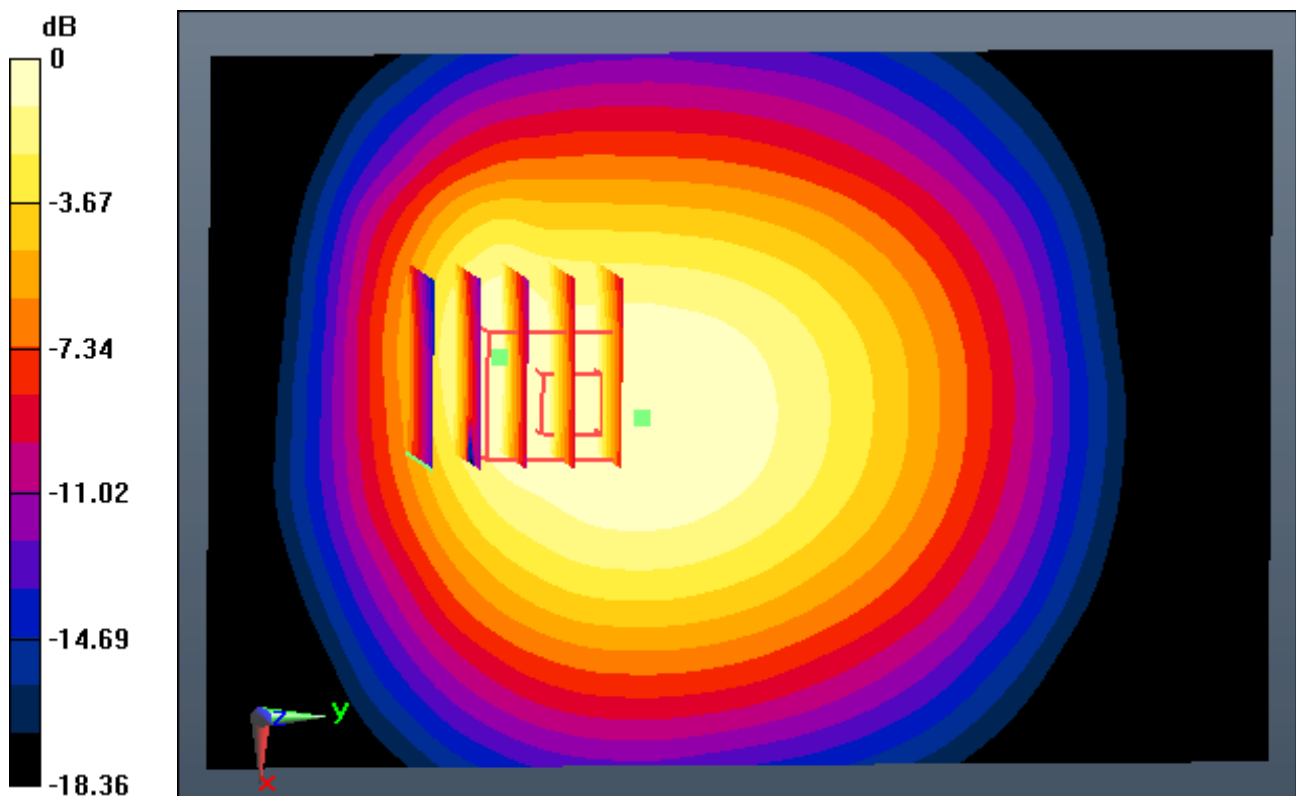
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.039 mW/g

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.489 W/kg



0 dB = 0.899 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; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

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

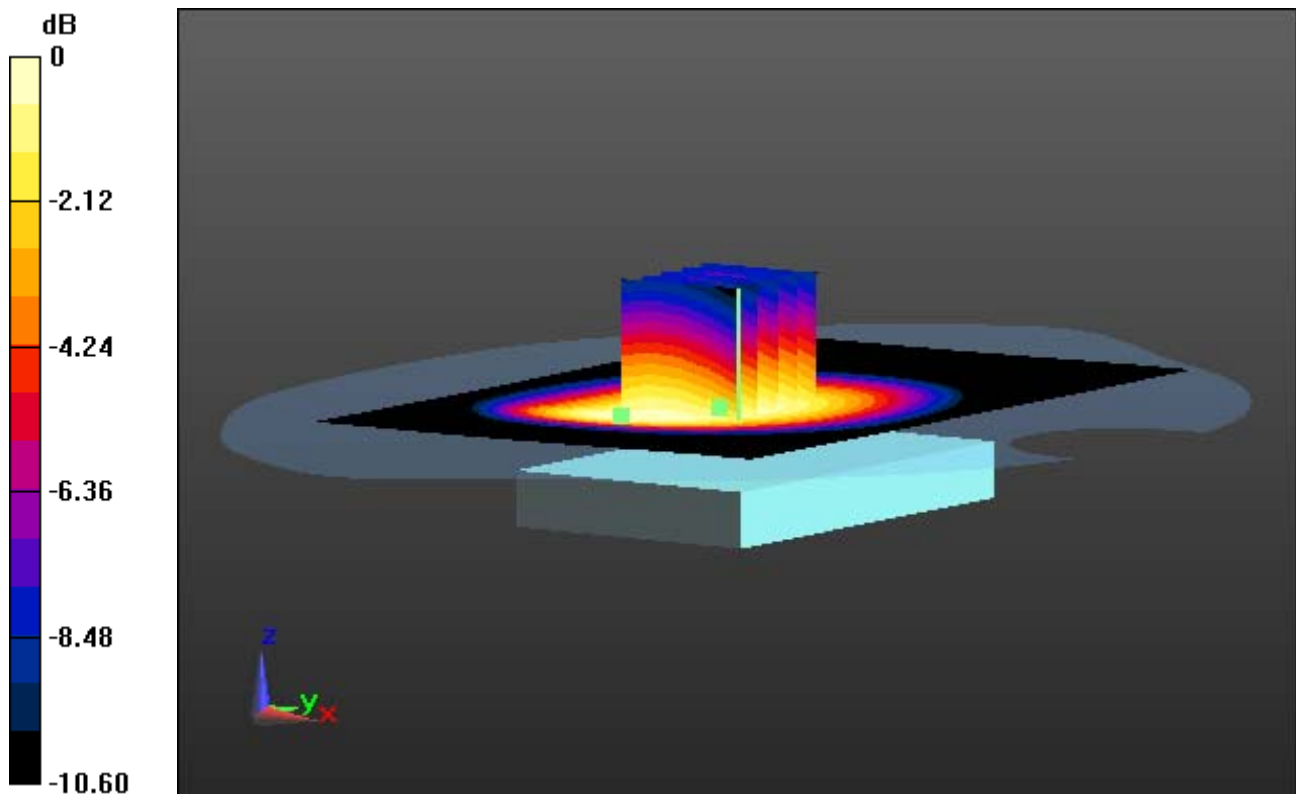
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.036 mW/g

SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.557 W/kg



0 dB = 0.924 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

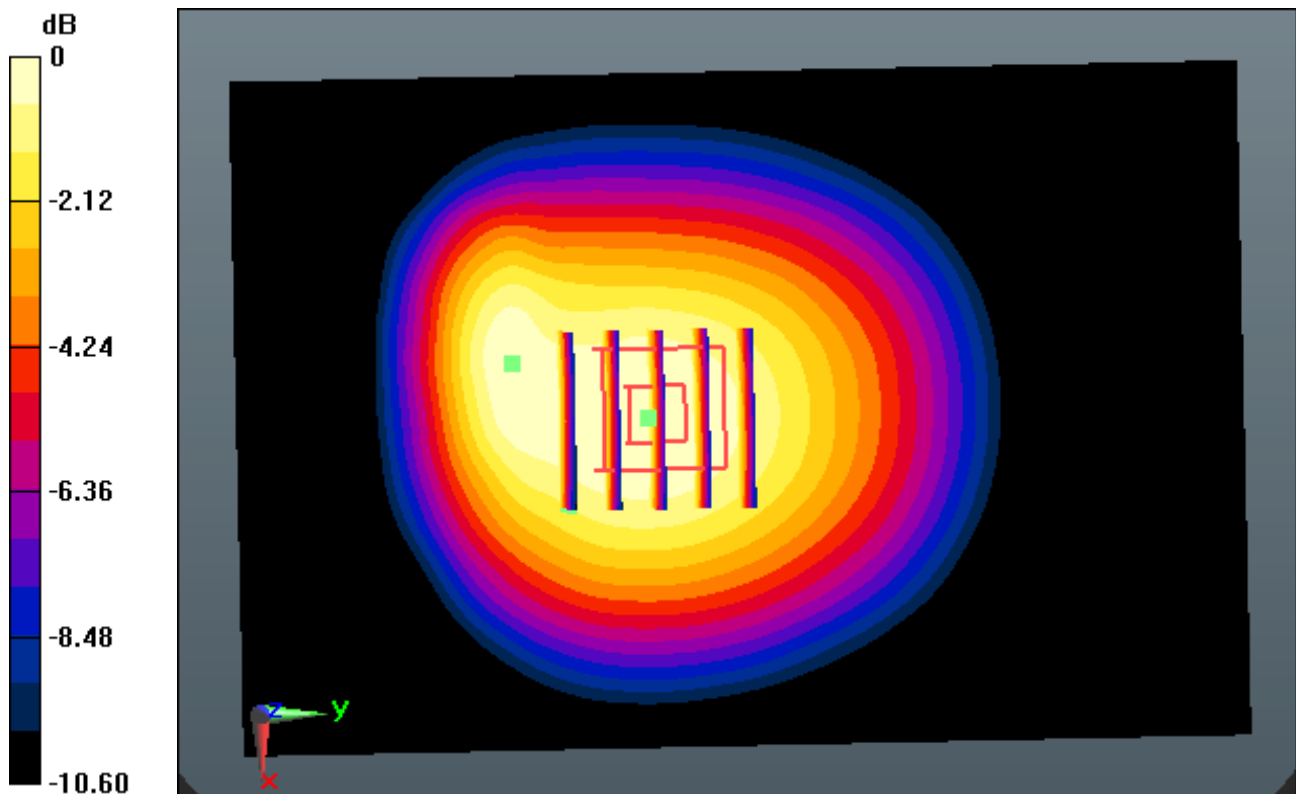
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.036 mW/g

SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.557 W/kg



0 dB = 0.924 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; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 190, Ant Internal

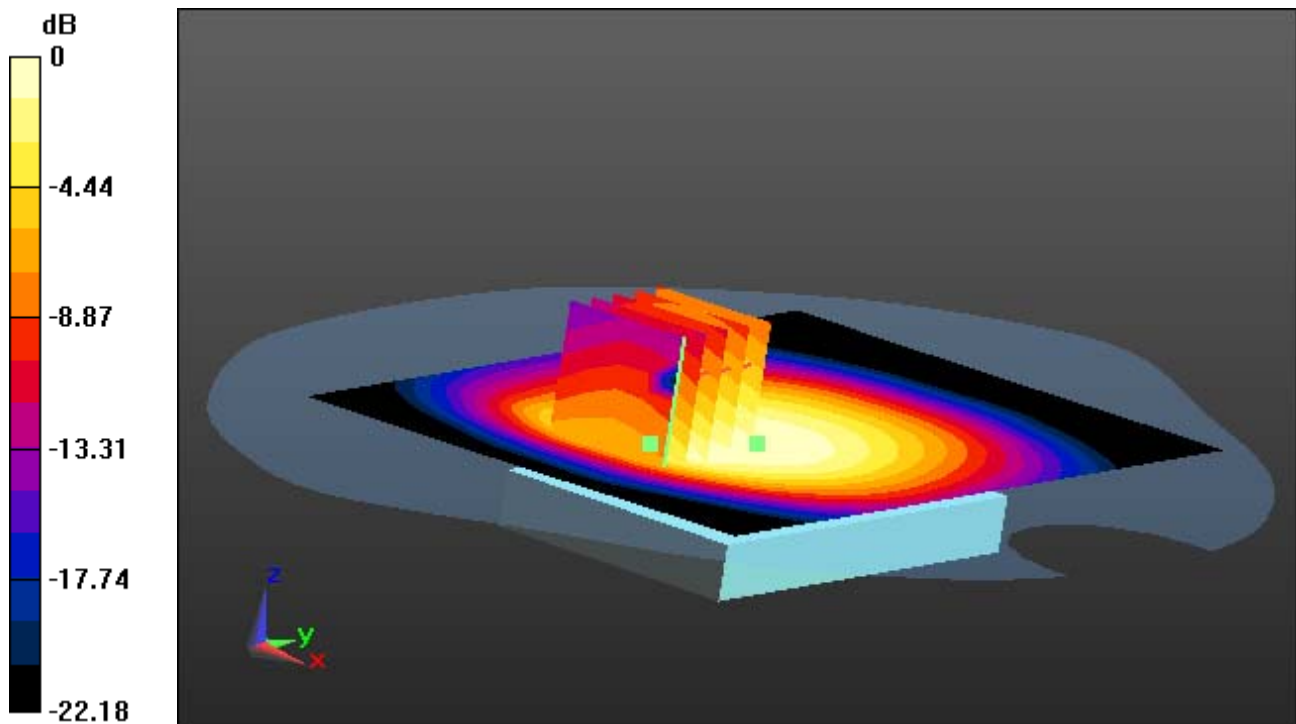
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.995 mW/g

SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.439 W/kg



0 dB = 0.819 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; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 190, Ant Internal

With Enlarge plot image

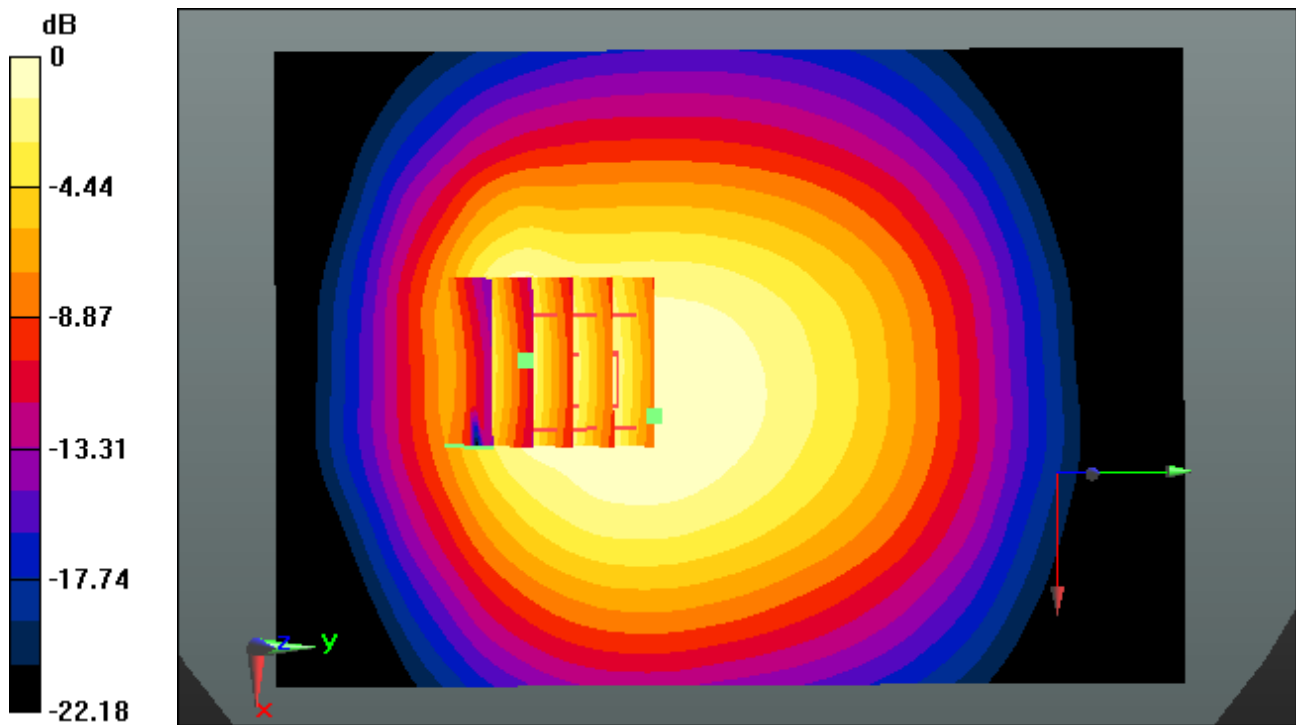
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.995 mW/g

SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.439 W/kg



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; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 190, Ant Internal

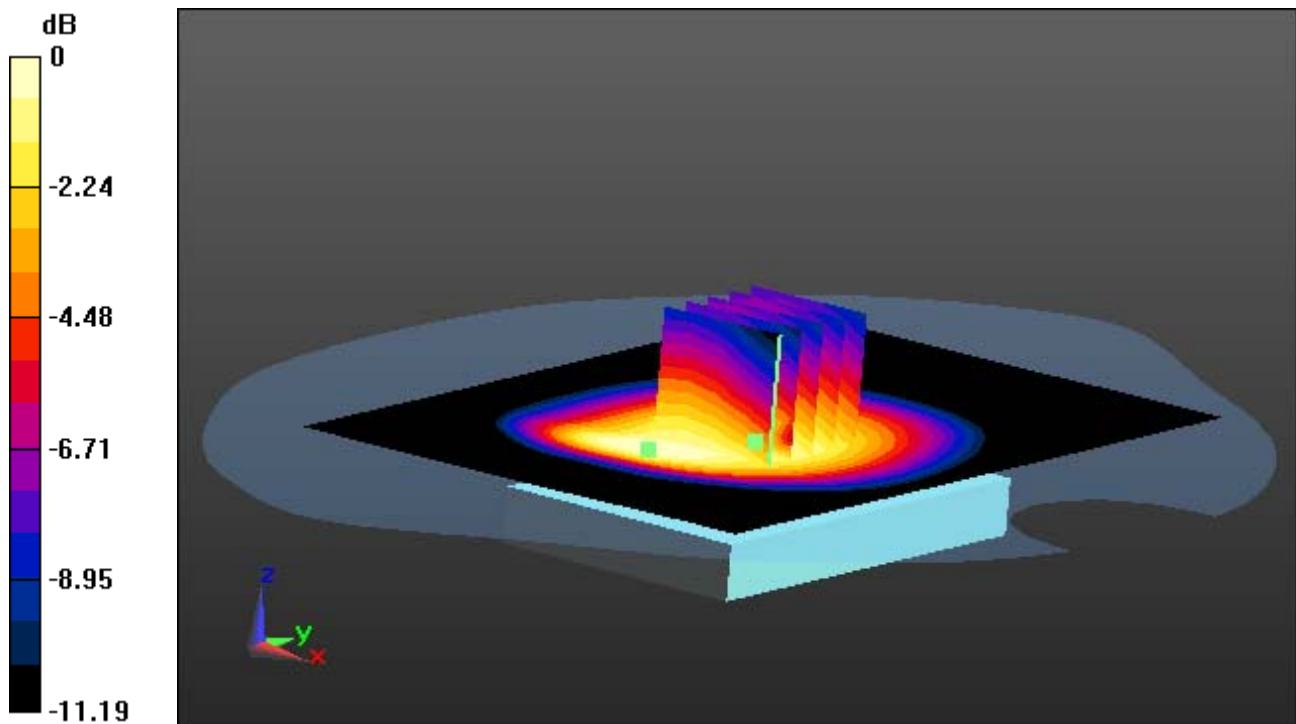
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.010 mW/g

SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.515 W/kg



0 dB = 0.850 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 190, Ant Internal

With Enlarge plot image

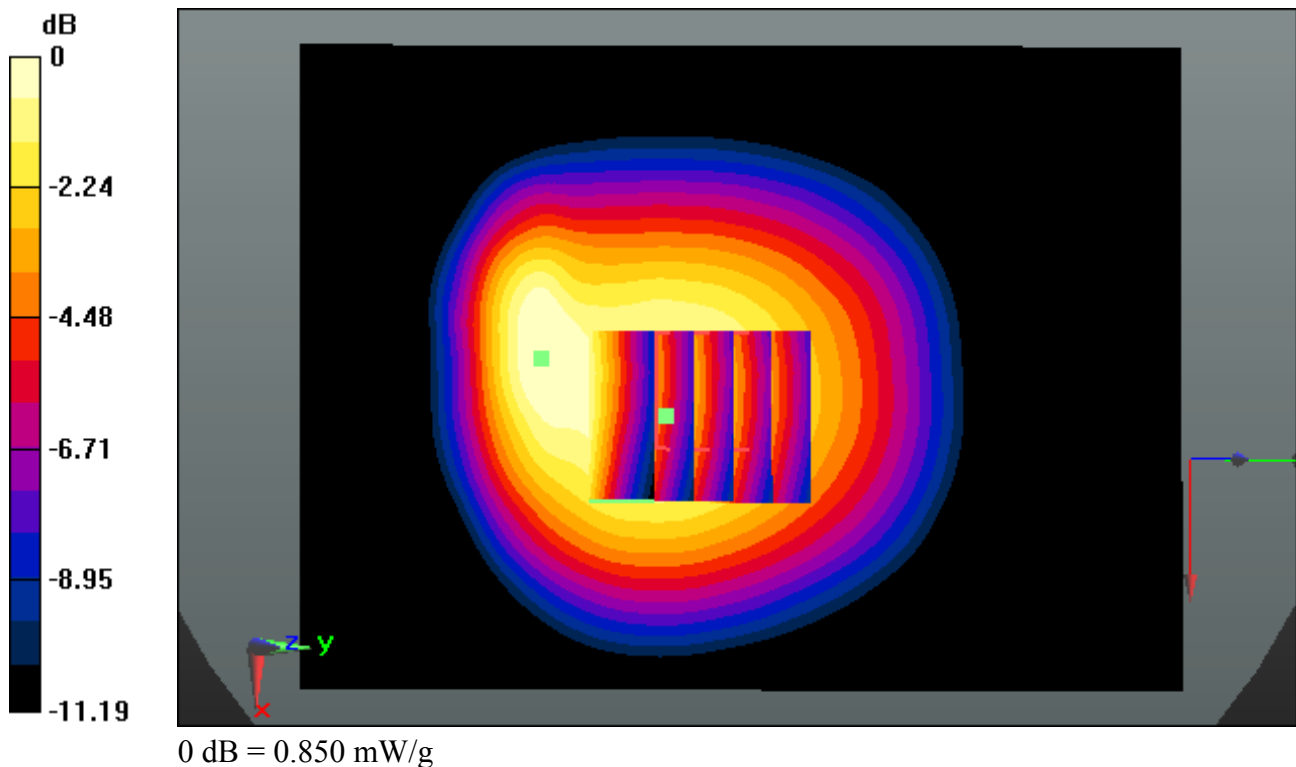
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.010 mW/g

SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.515 W/kg



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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

1 cm space from Body, Rear, GSM850 GPRS 3 Tx Ch. 190, Ant Internal

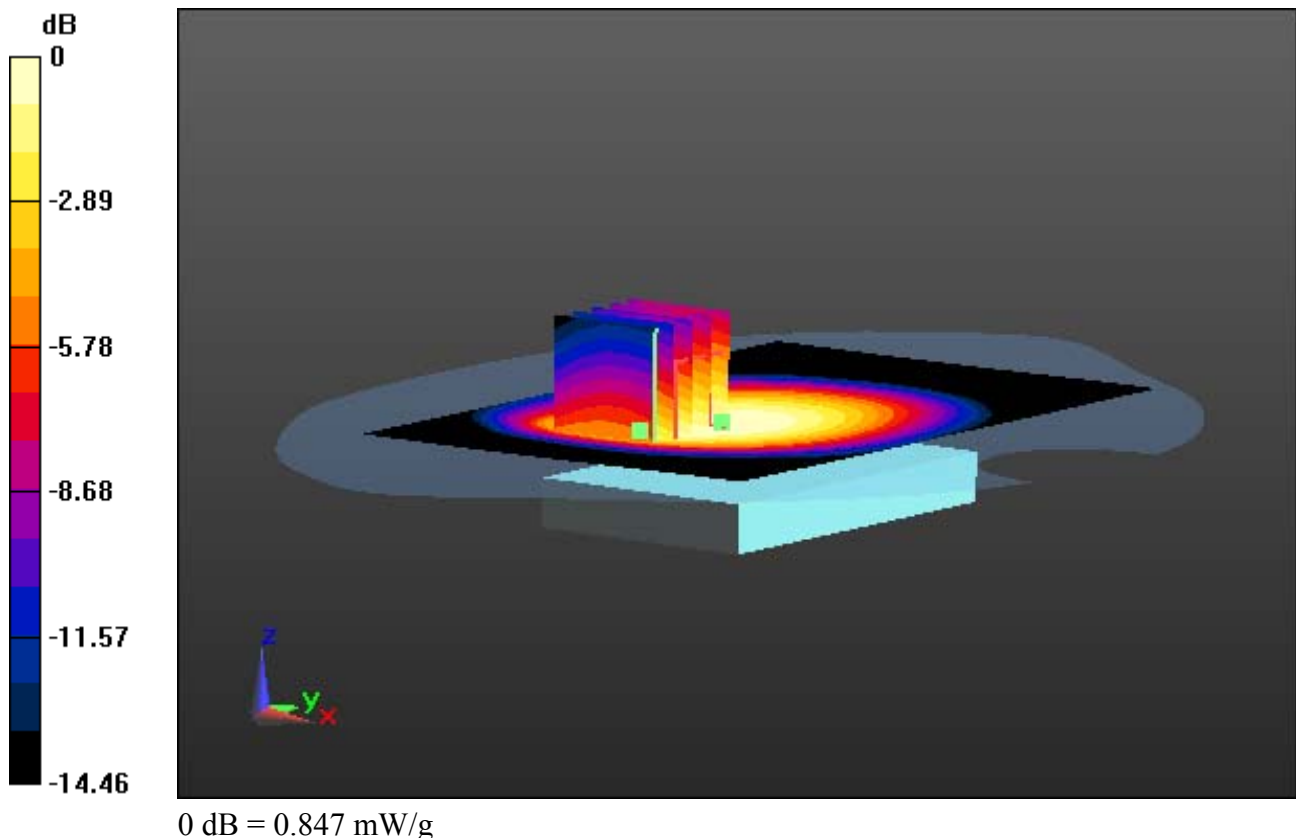
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.001 mW/g

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.470 W/kg



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: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

1 cm space from Body, Rear, GSM850 GPRS 3 Tx Ch. 190, Ant Internal

With Enlarge plot image

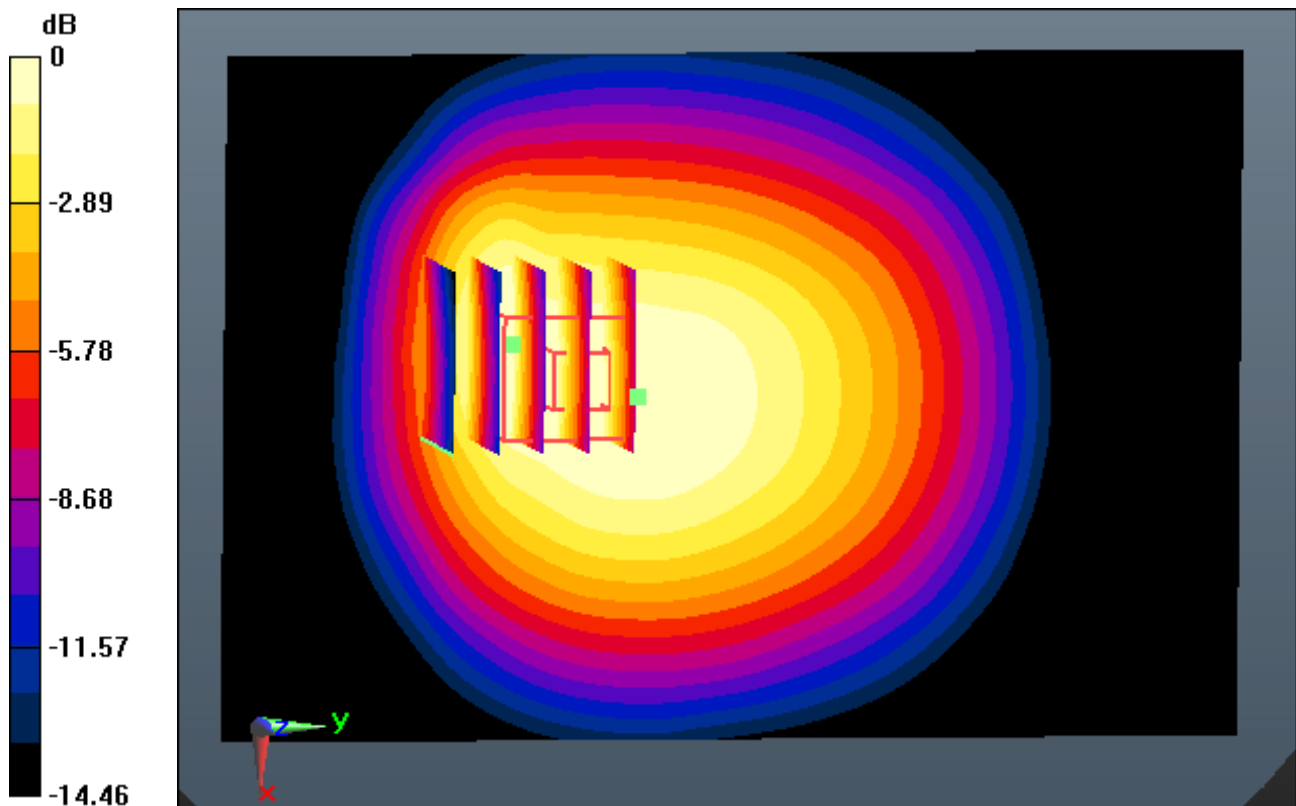
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.001 mW/g

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.470 W/kg



0 dB = 0.847 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: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

1 cm space from Body, Rear, GSM850 GPRS 3 Tx Ch. 190, Ant Internal

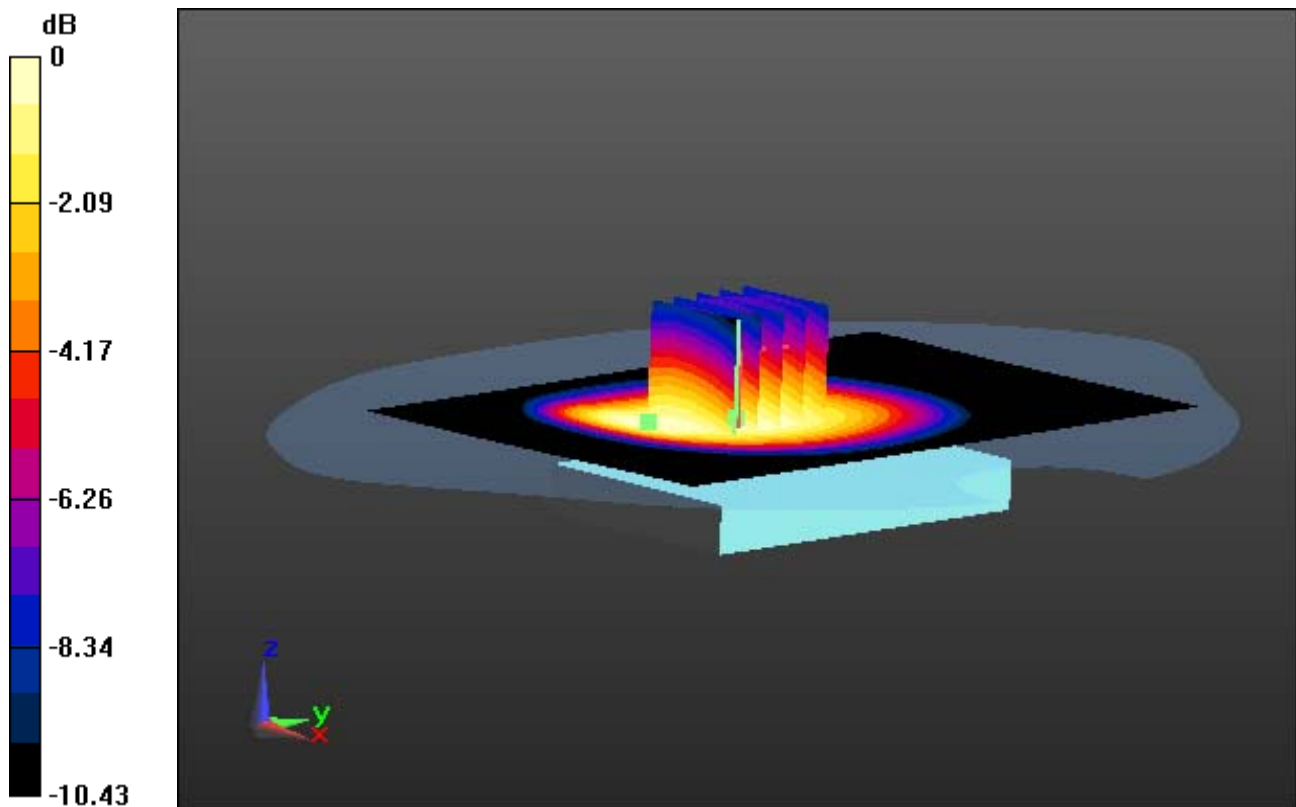
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.957 mW/g

SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.528 W/kg



0 dB = 0.860 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: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

1 cm space from Body, Rear, GSM850 GPRS 3 Tx Ch. 190, Ant Internal

With Enlarge plot image

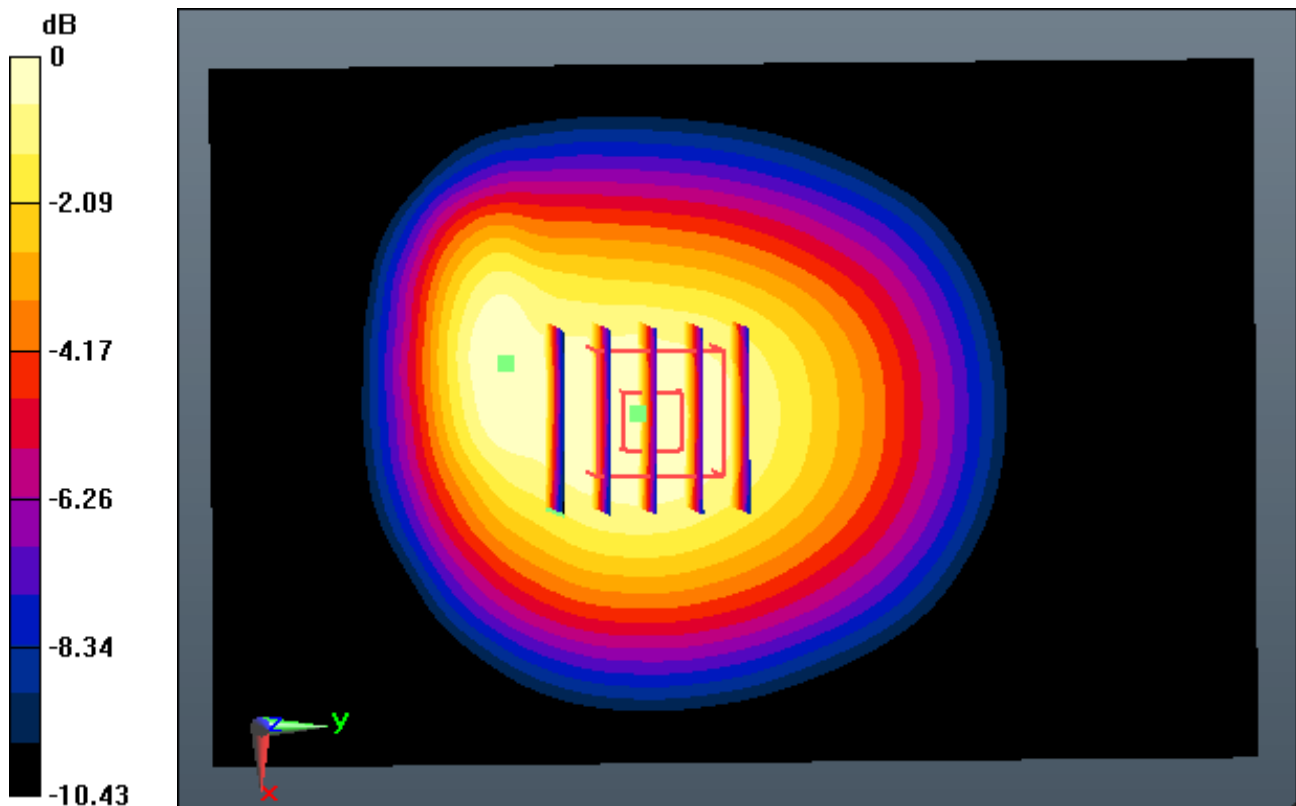
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.957 mW/g

SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.528 W/kg



0 dB = 0.860 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: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 190, Ant Internal

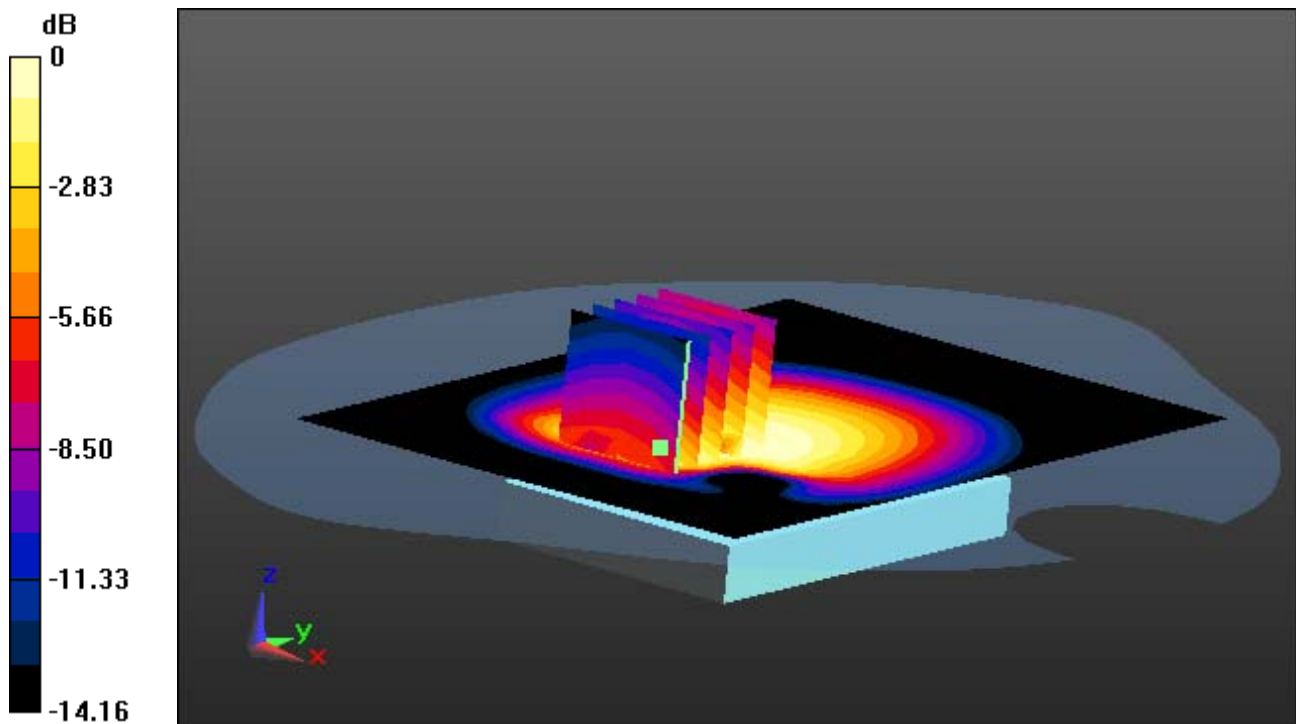
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.093 mW/g

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.459 W/kg



0 dB = 0.876 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: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 190, Ant Internal

With Enlarge plot image

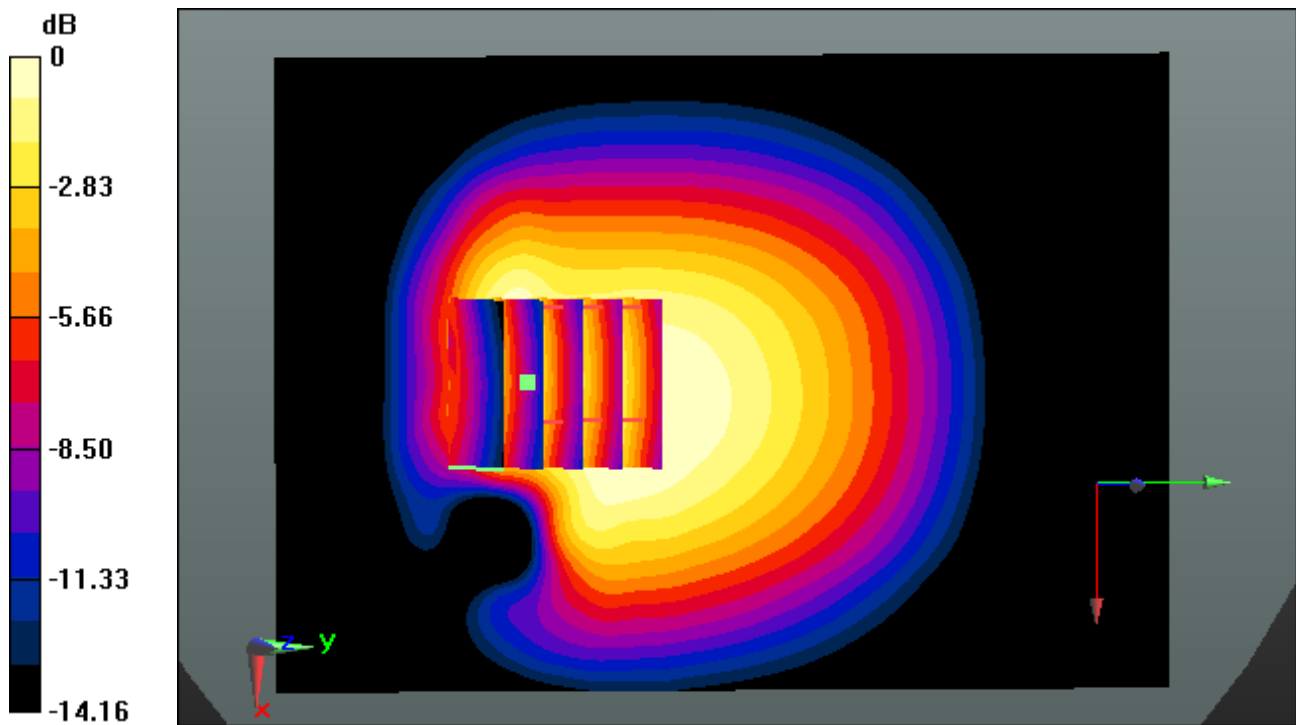
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.093 mW/g

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.459 W/kg



0 dB = 0.876 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Right, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

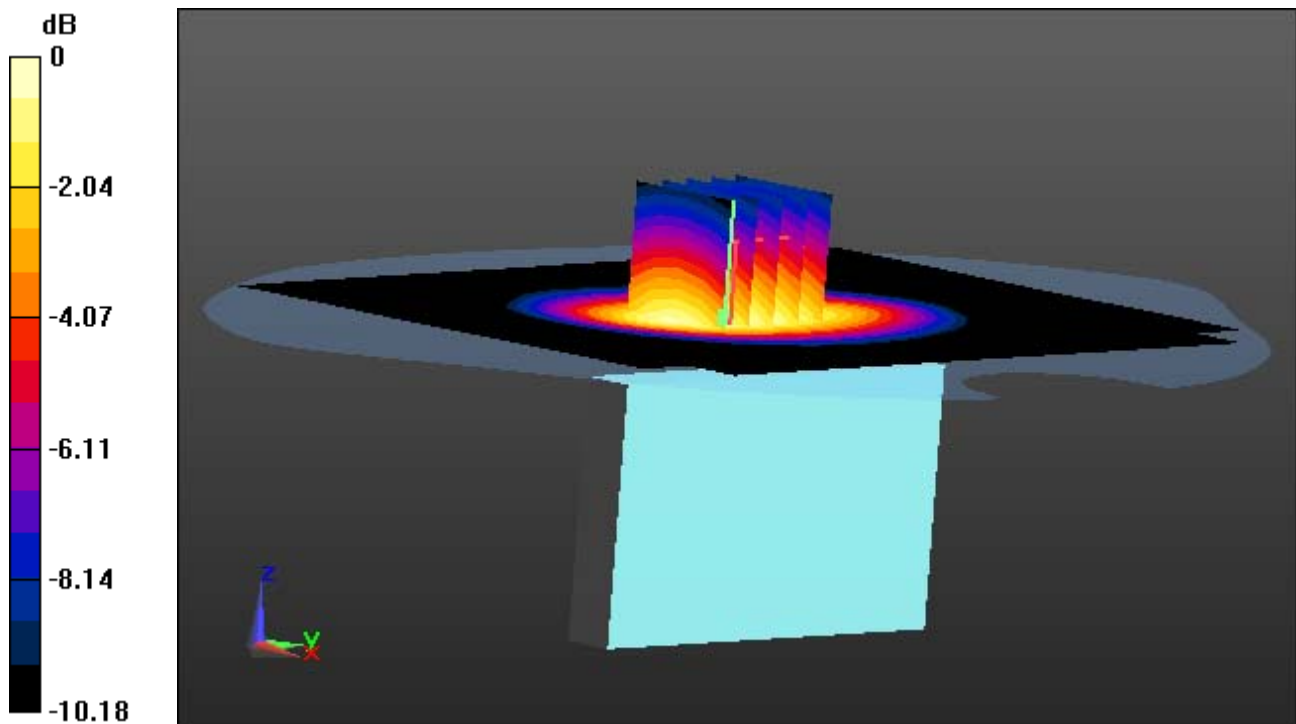
Area Scan (101x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.673 mW/g

SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.334 W/kg



0 dB = 0.585 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; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

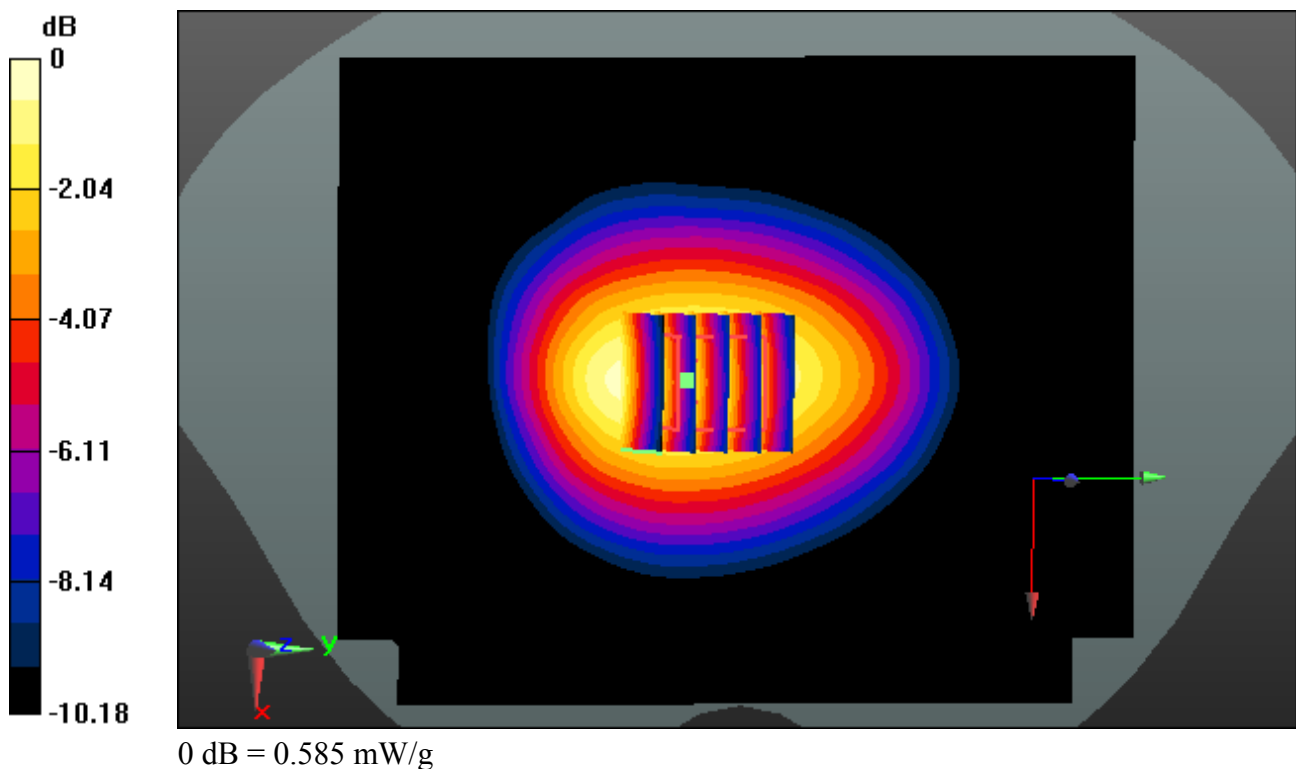
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Right, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

With Enlarge plot image

Area Scan (101x131x1): 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) = 0.673 mW/g
SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.334 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Left, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

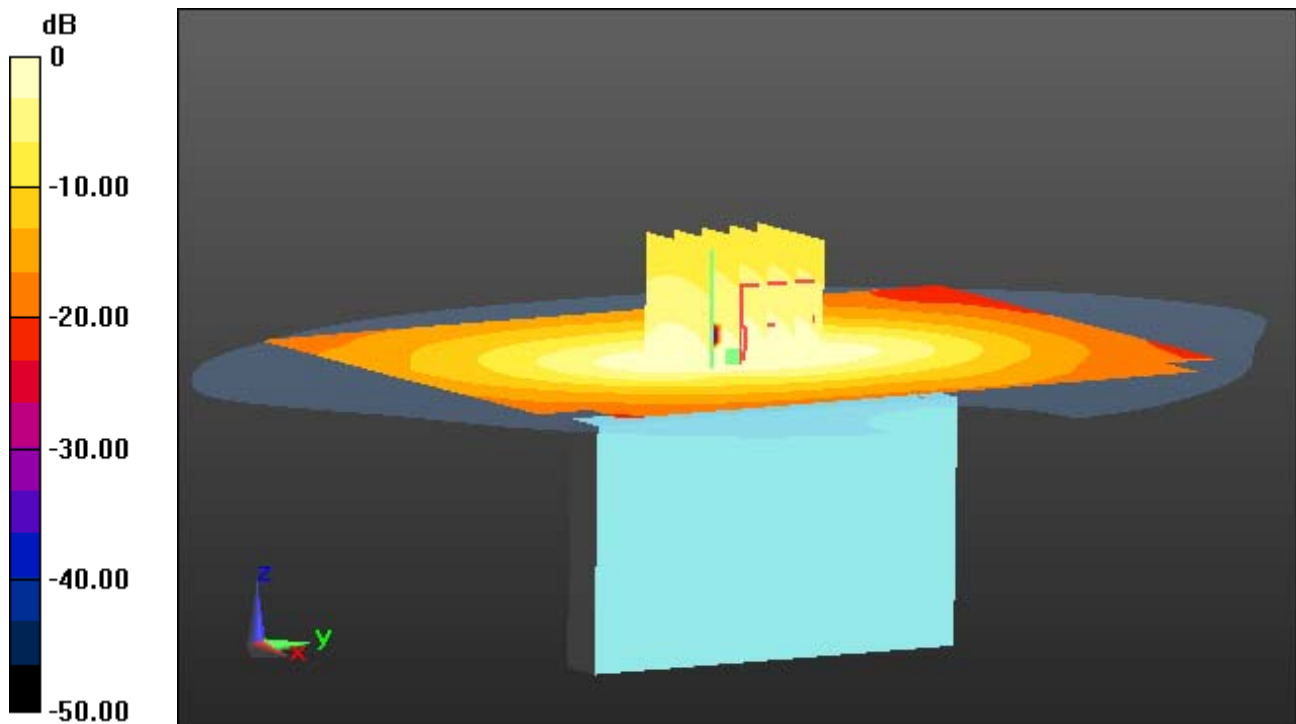
Area Scan (101x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.653 mW/g

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.208 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

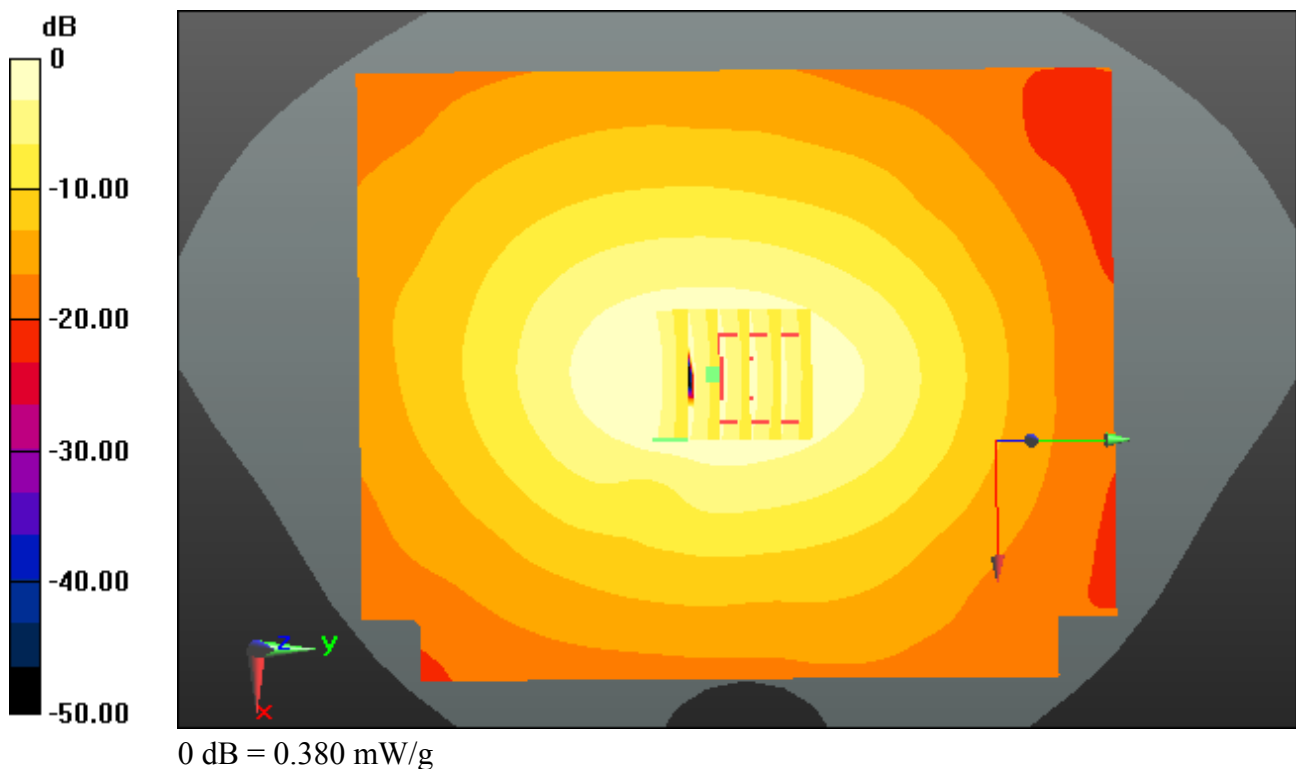
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

1 cm space from Body, Left, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

With Enlarge plot image

Area Scan (101x131x1): 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) = 0.653 mW/g
SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.208 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

1 cm space from Body, Sim2, Rear, GSM850 GPRS 3 Tx Ch. 190, Ant Internal

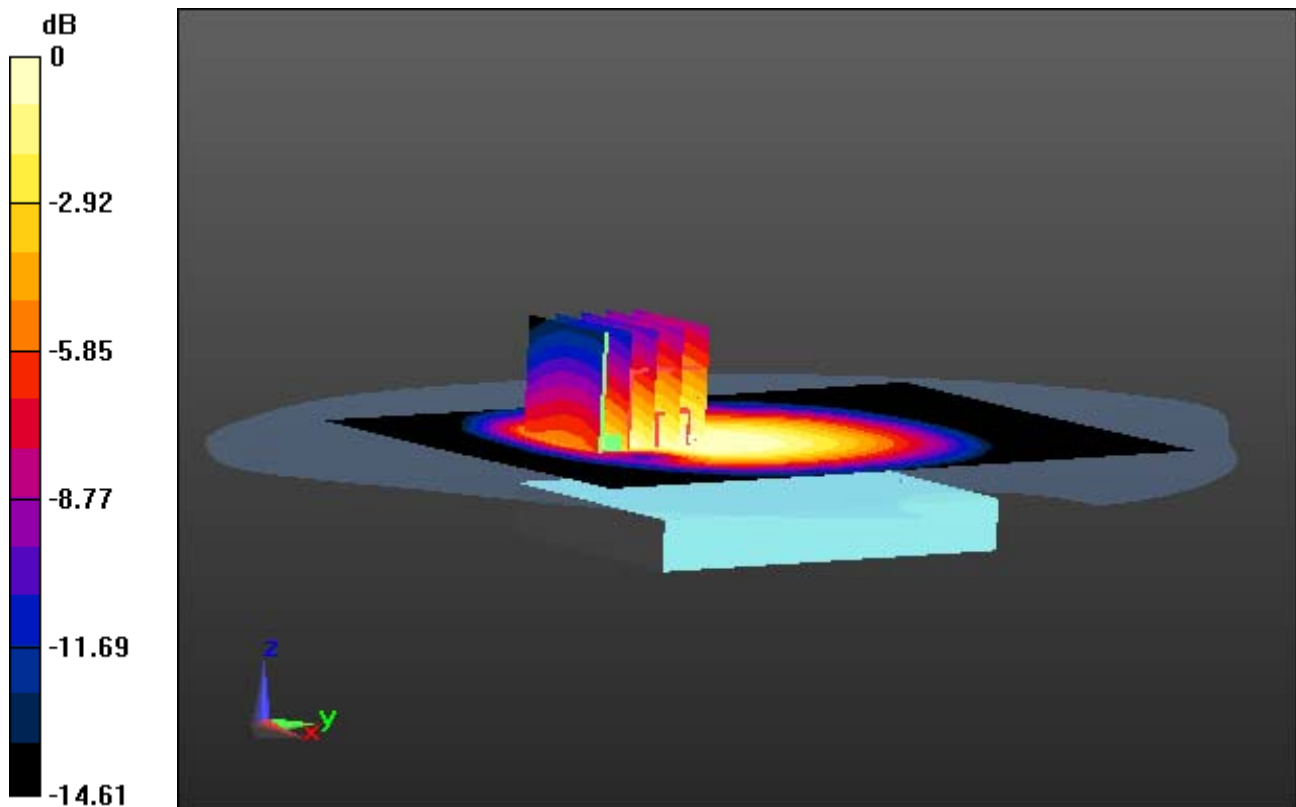
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.128 mW/g

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.512 W/kg



0 dB = 0.942 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; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7; Tissue Temp: 21.9

1 cm space from Body, Sim2, Rear, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

With Enlarge plot image

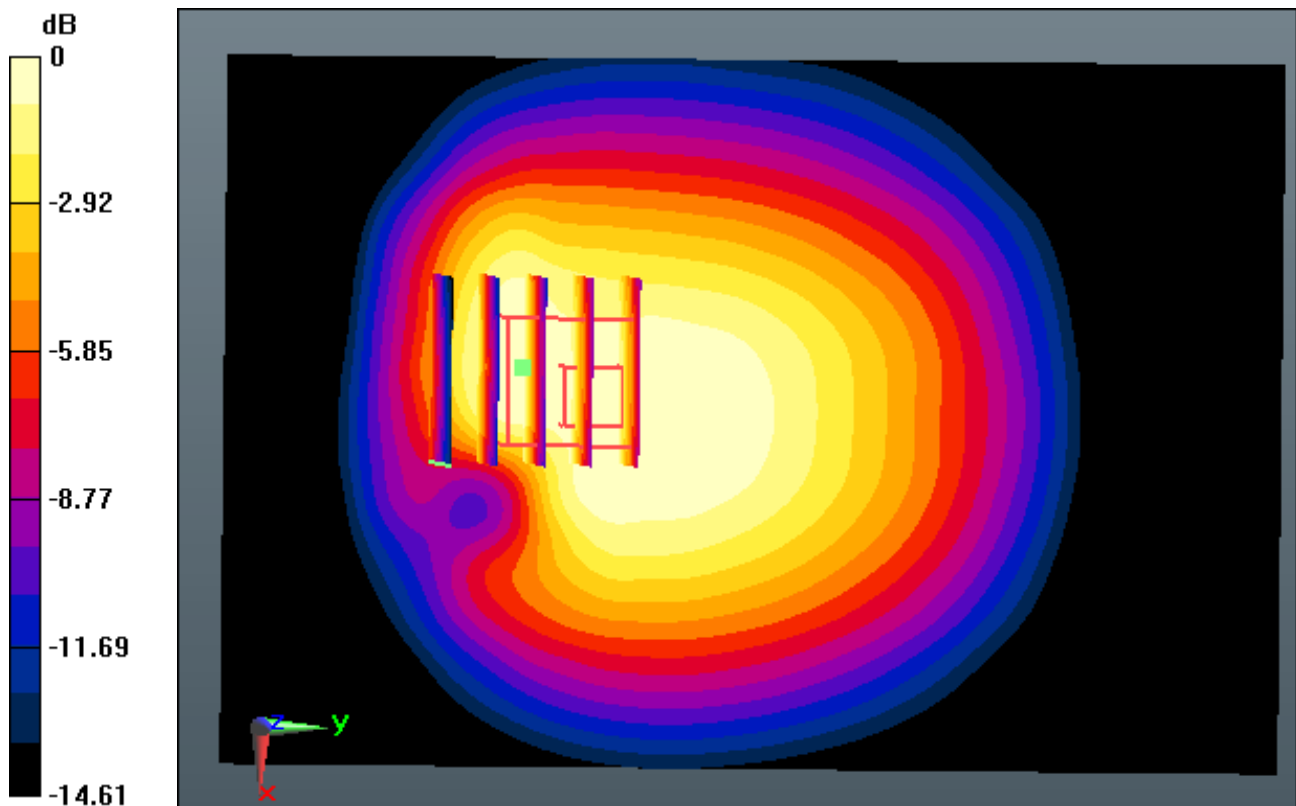
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.128 mW/g

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.512 W/kg



0 dB = 0.942 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.935$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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: 2012-12-29; Ambient Temp: 21.7 Tissue Temp: 21.9

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

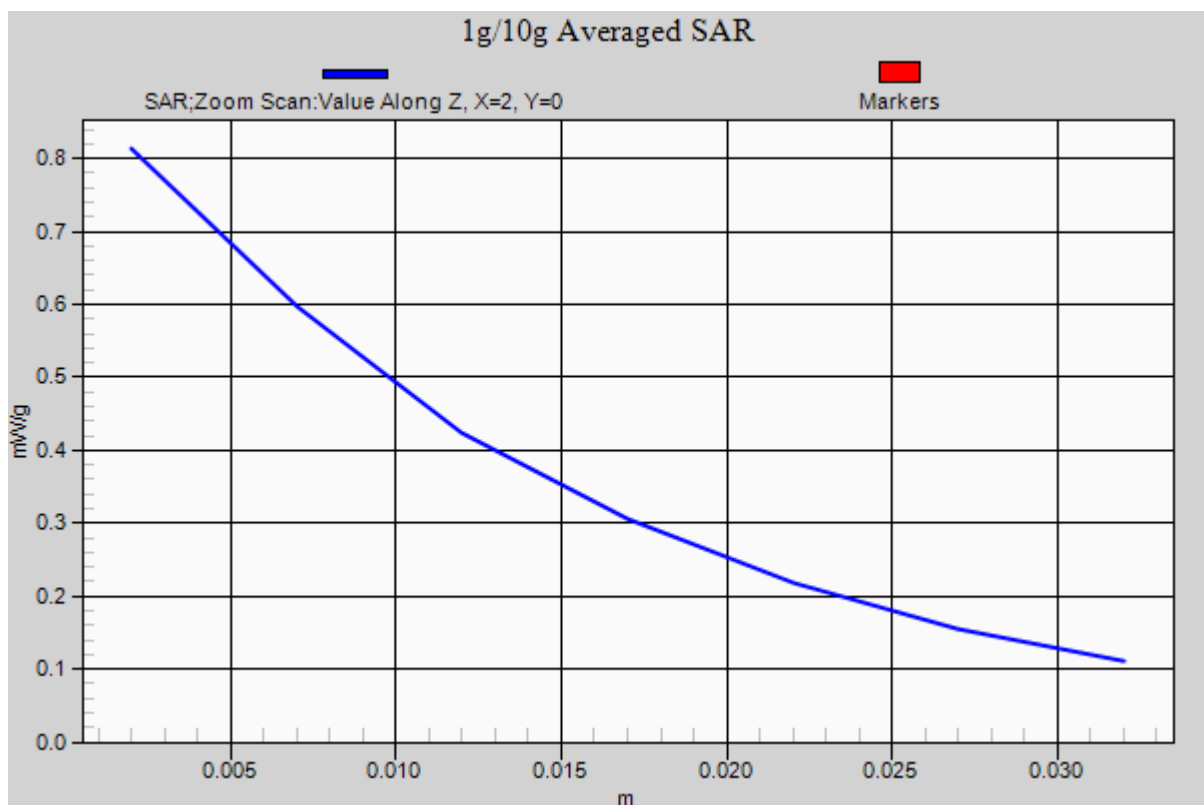
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.036 mW/g

SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.557 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.958 \text{ mho/m}$; $\epsilon_r = 56.015$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

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

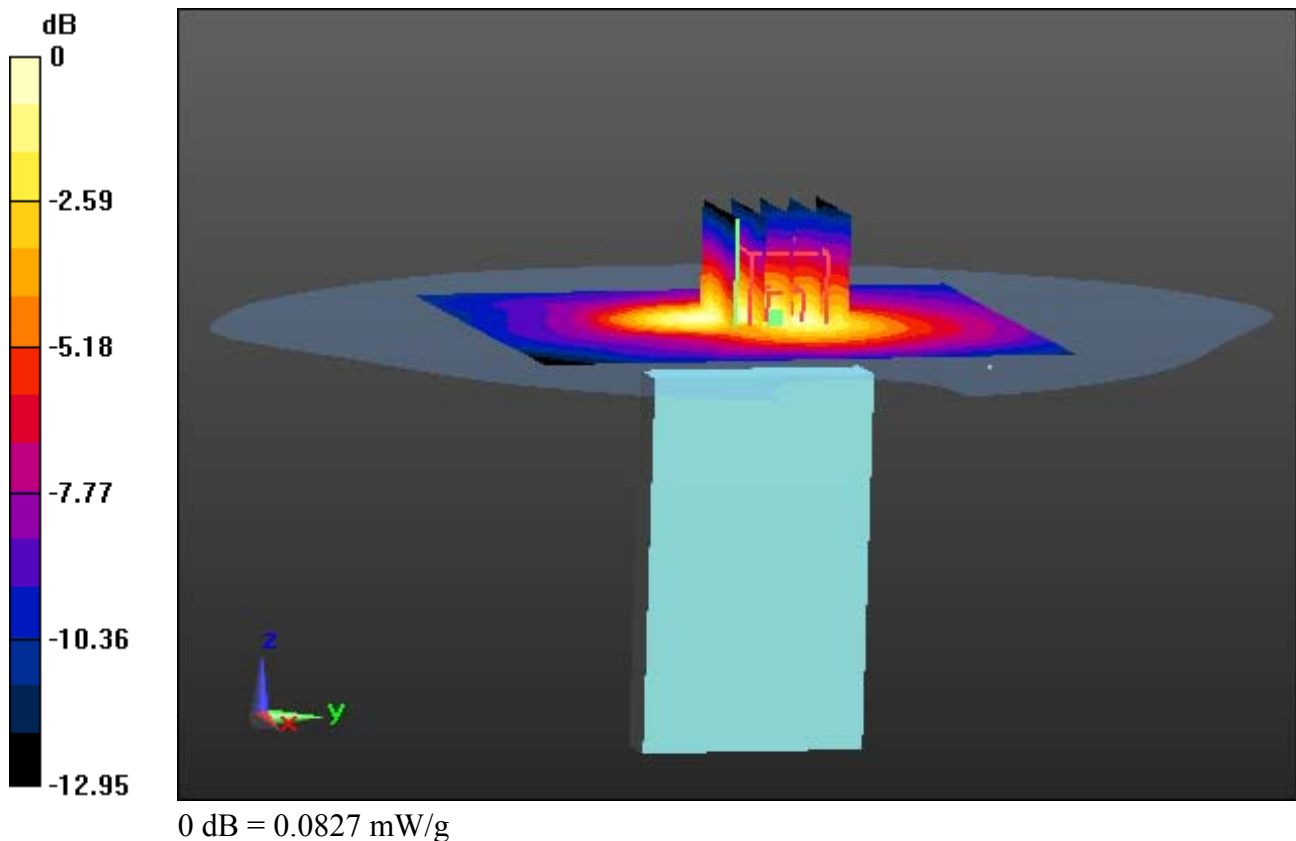
Area Scan (81x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.105 mW/g

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.037 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.958 \text{ mho/m}$; $\epsilon_r = 56.015$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

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

With Enlarge plot image

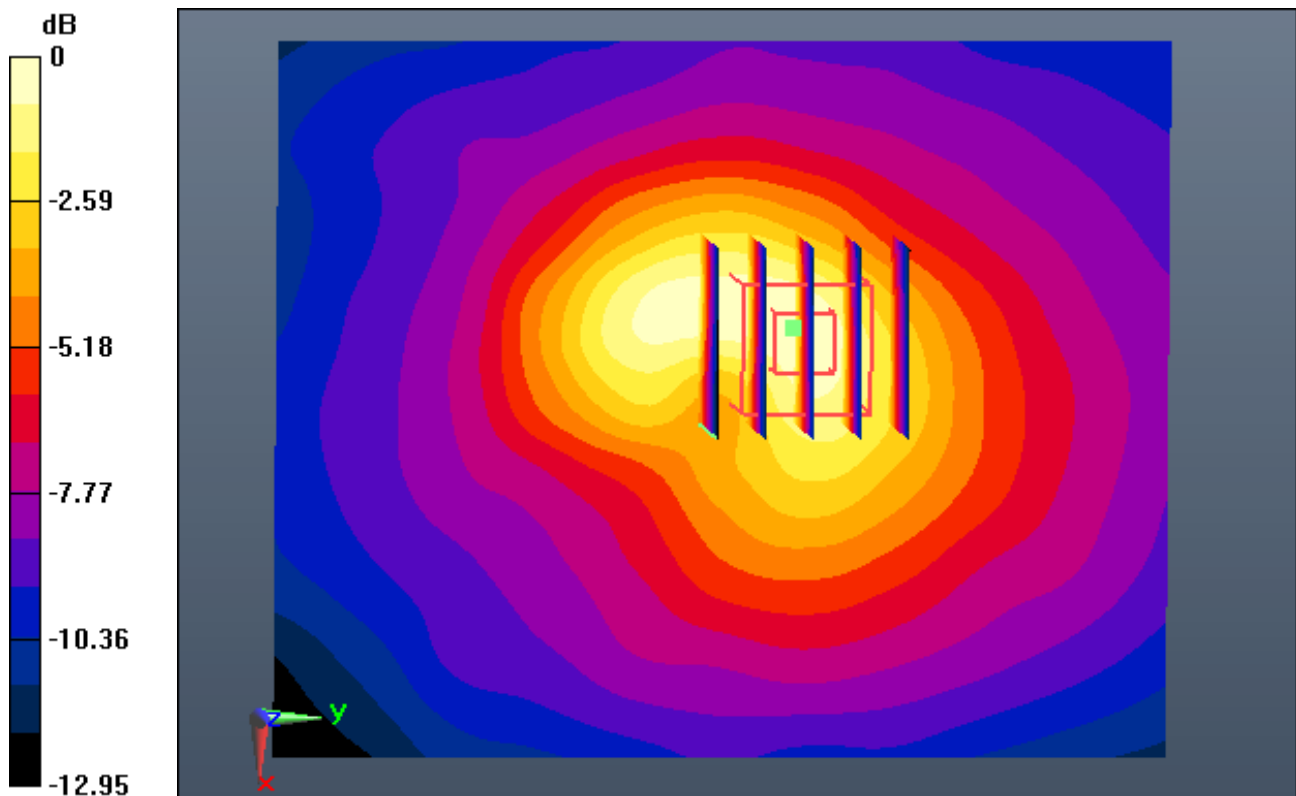
Area Scan (81x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.105 mW/g

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.037 W/kg



0 dB = 0.0827 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; $\sigma = 0.958$ mho/m; $\epsilon_r = 56.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

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

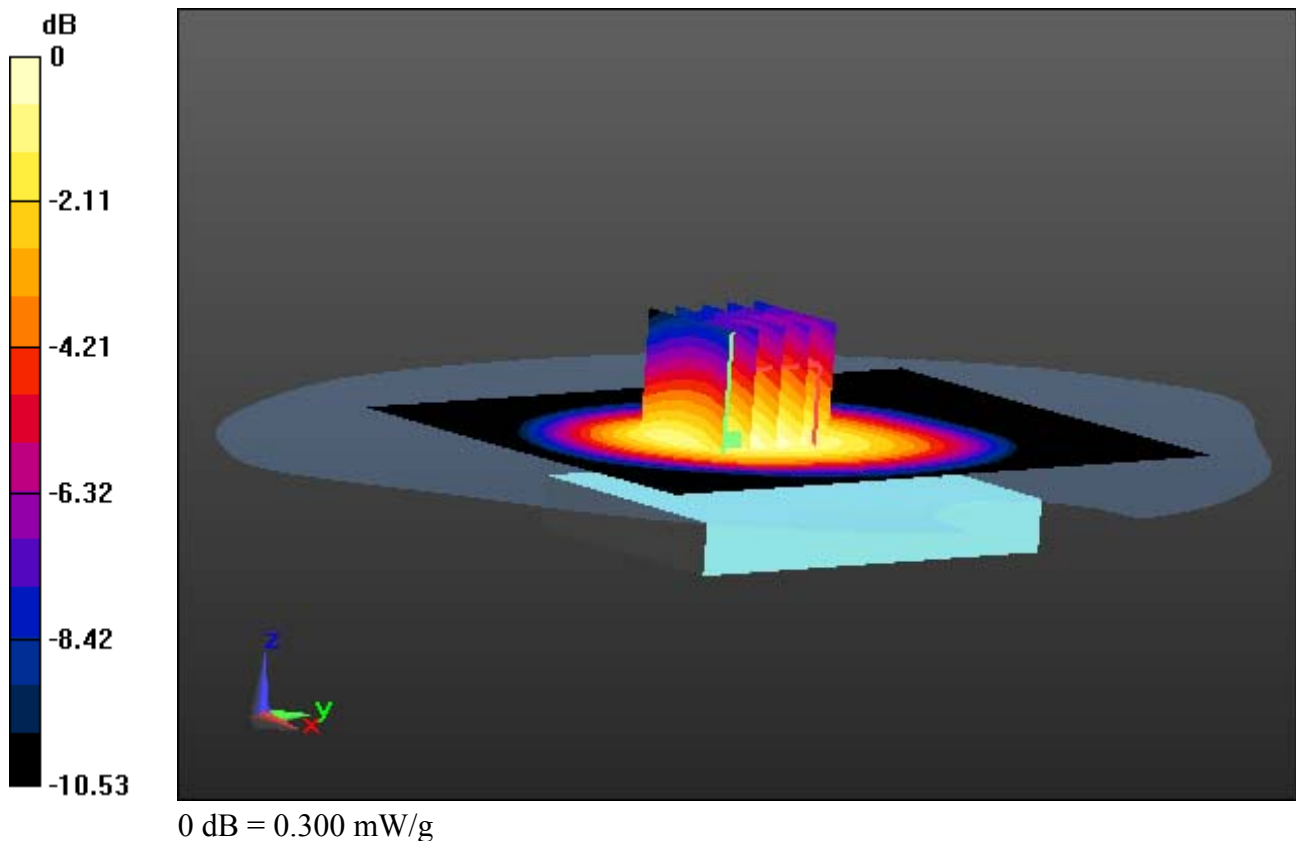
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.335 mW/g

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.189 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: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

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

With Enlarge plot image

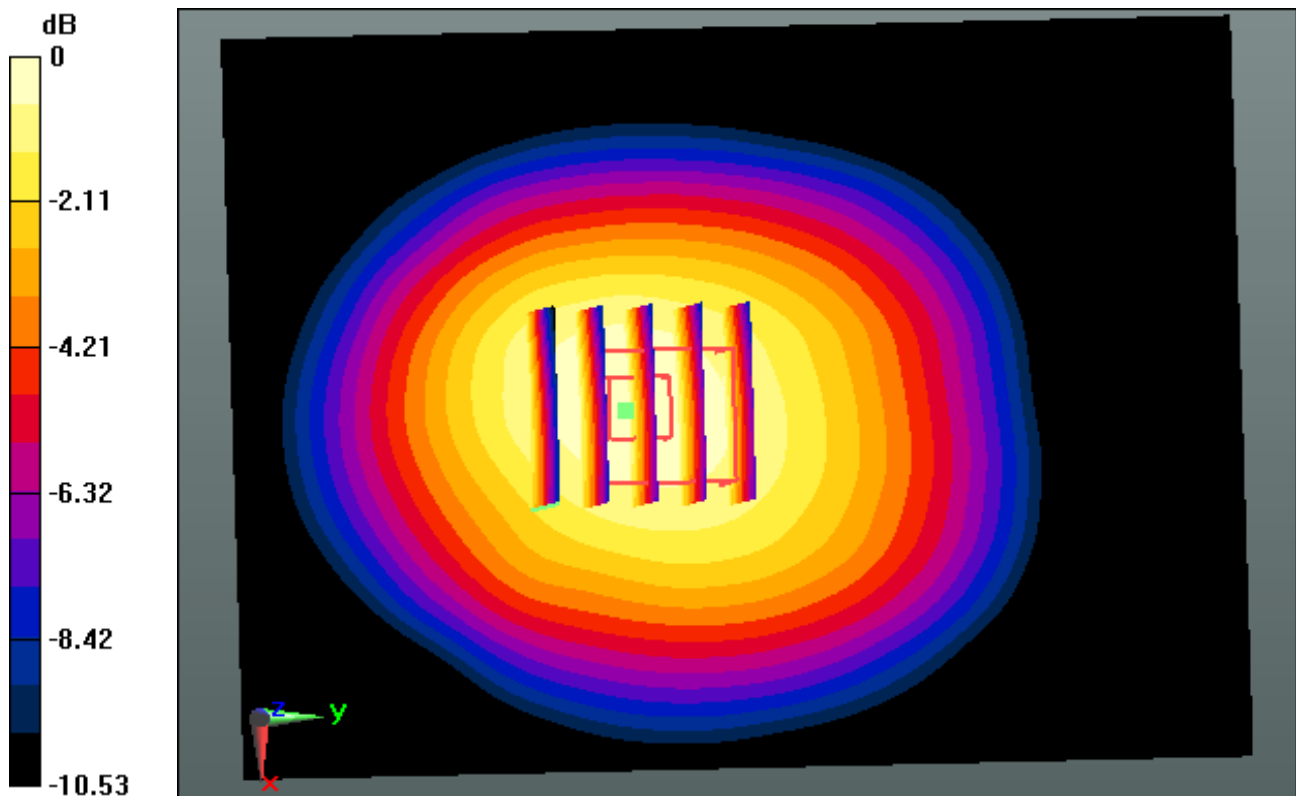
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.335 mW/g

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.189 W/kg



0 dB = 0.300 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; $\sigma = 0.958$ mho/m; $\epsilon_r = 56.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

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

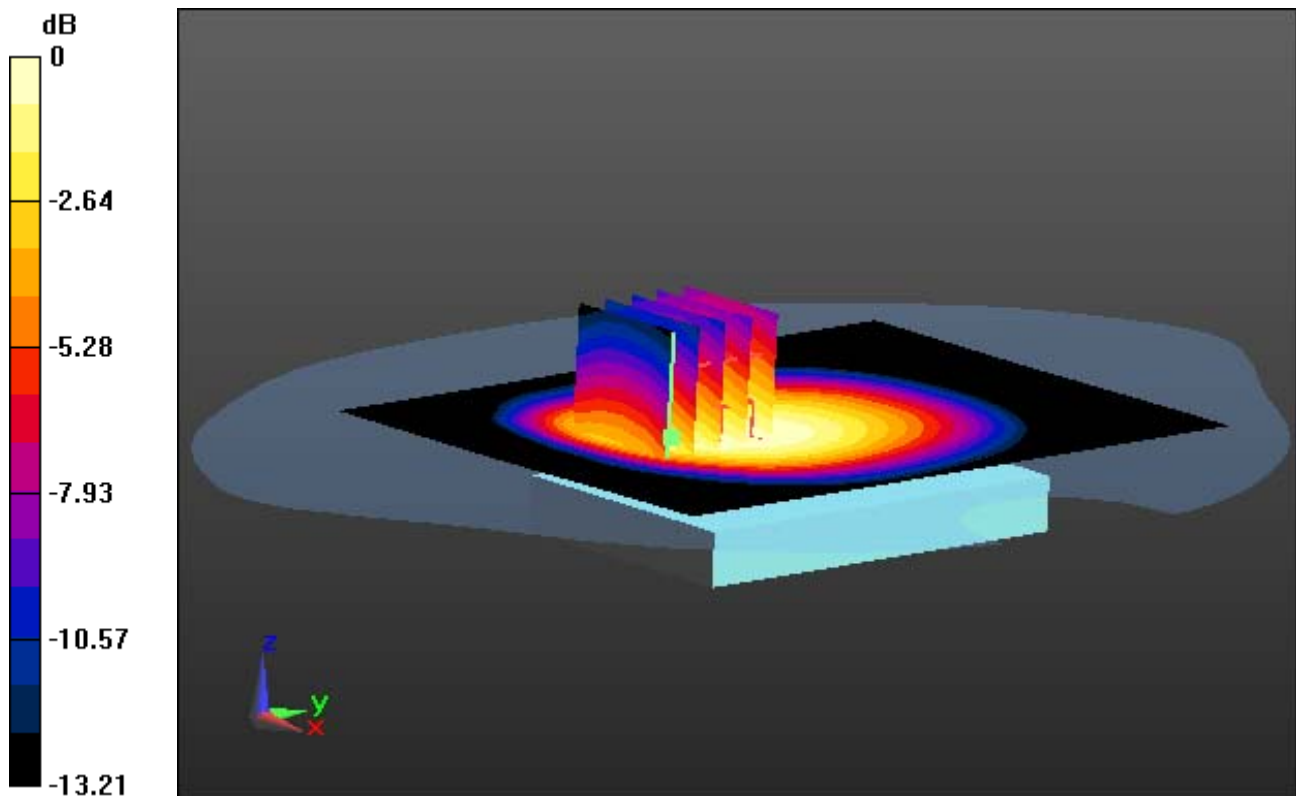
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.753 mW/g

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.353 W/kg



0 dB = 0.646 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.958 \text{ mho/m}$; $\epsilon_r = 56.015$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

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

With Enlarge plot image

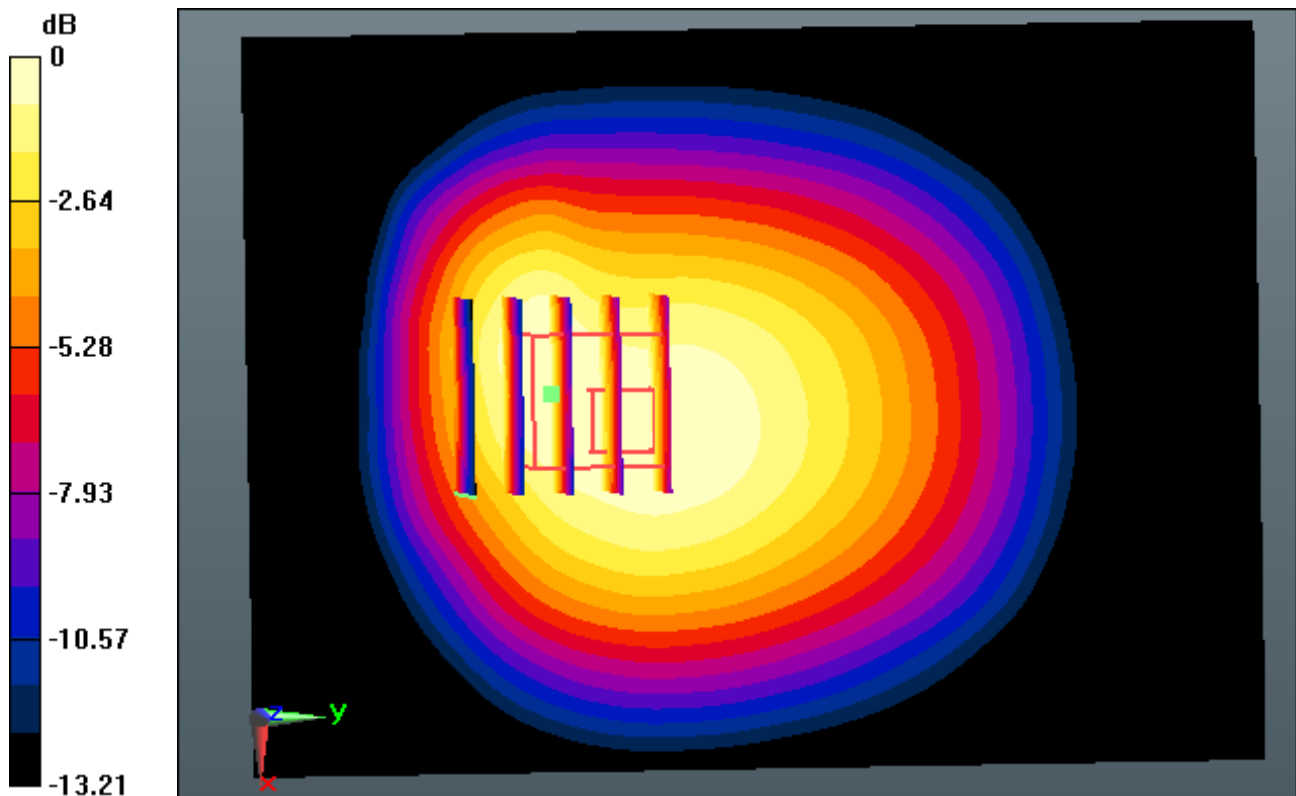
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.753 mW/g

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.353 W/kg



0 dB = 0.646 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; $\sigma = 0.958$ mho/m; $\epsilon_r = 56.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

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

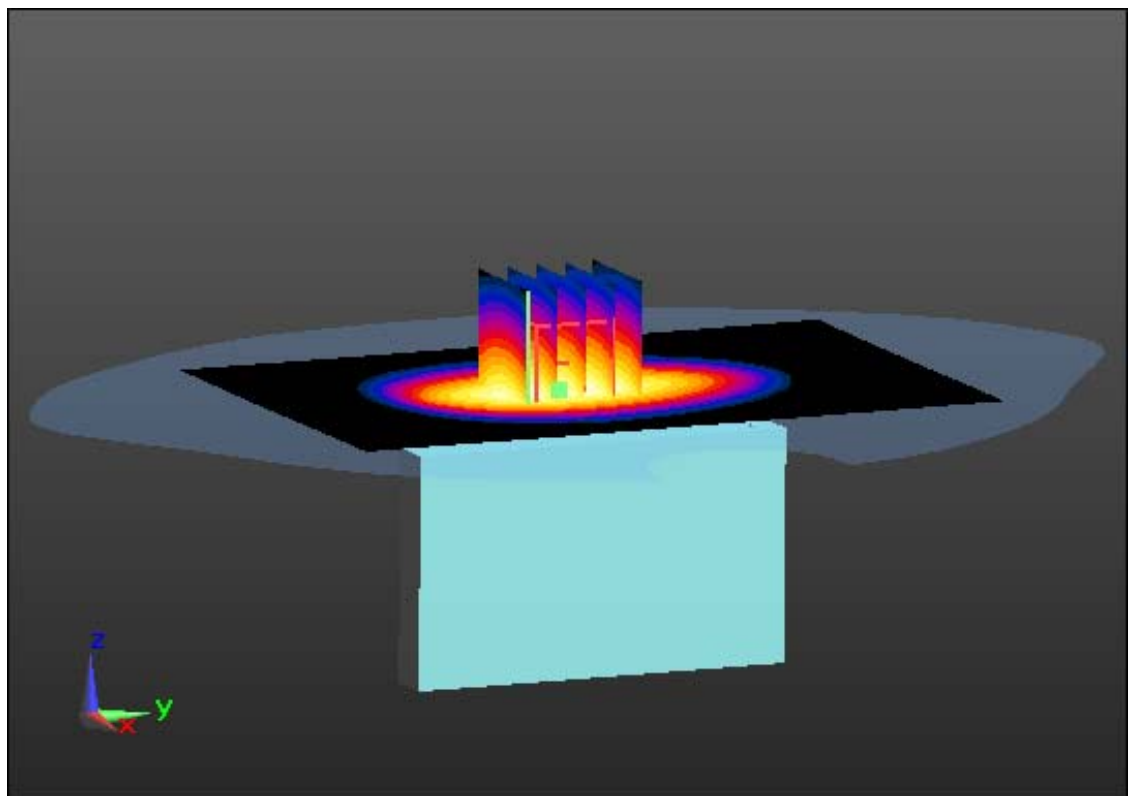
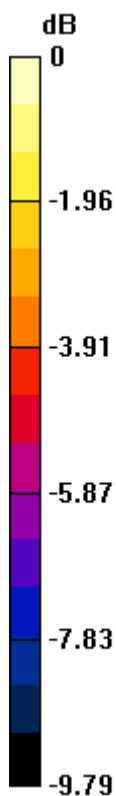
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.414 mW/g

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.206 W/kg



0 dB = 0.360 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.958 \text{ mho/m}$; $\epsilon_r = 56.015$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

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

With Enlarge plot image

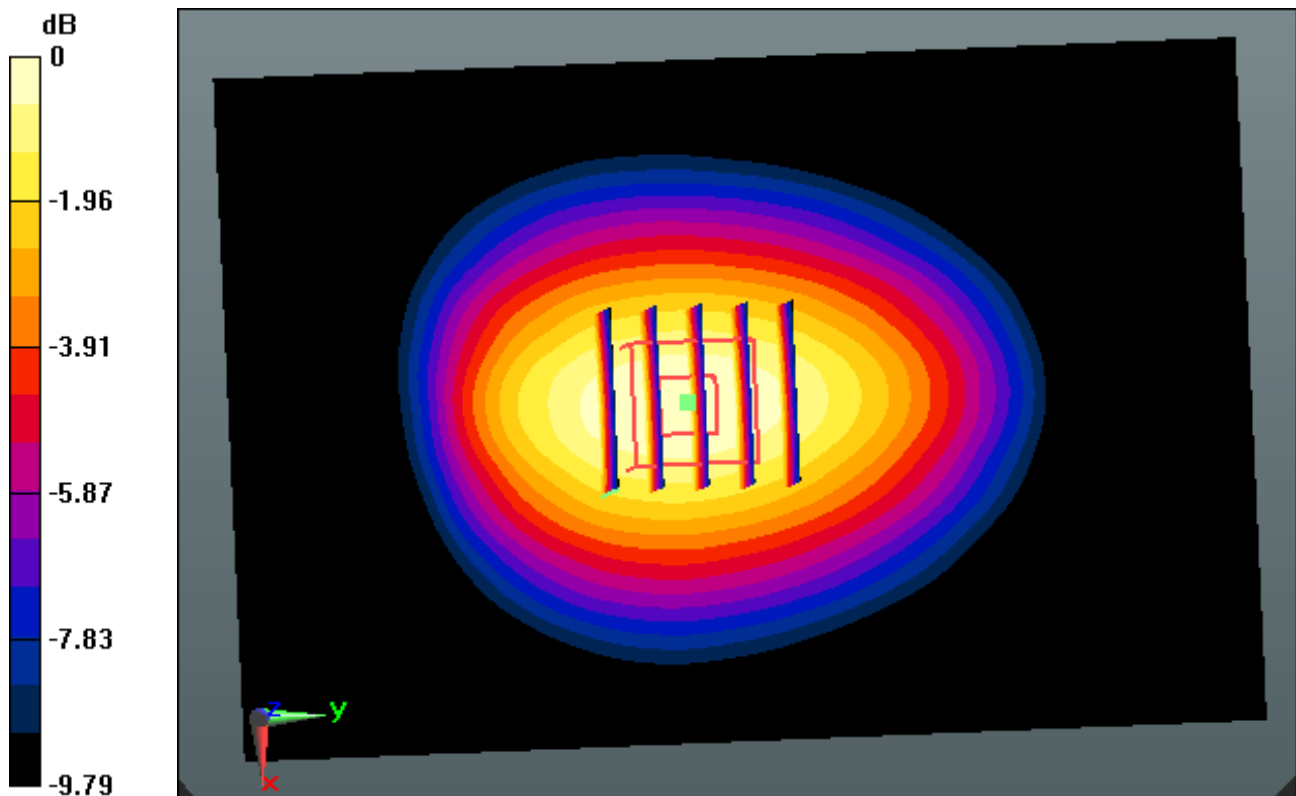
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.414 mW/g

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.206 W/kg



0 dB = 0.360 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; $\sigma = 0.958$ mho/m; $\epsilon_r = 56.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

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

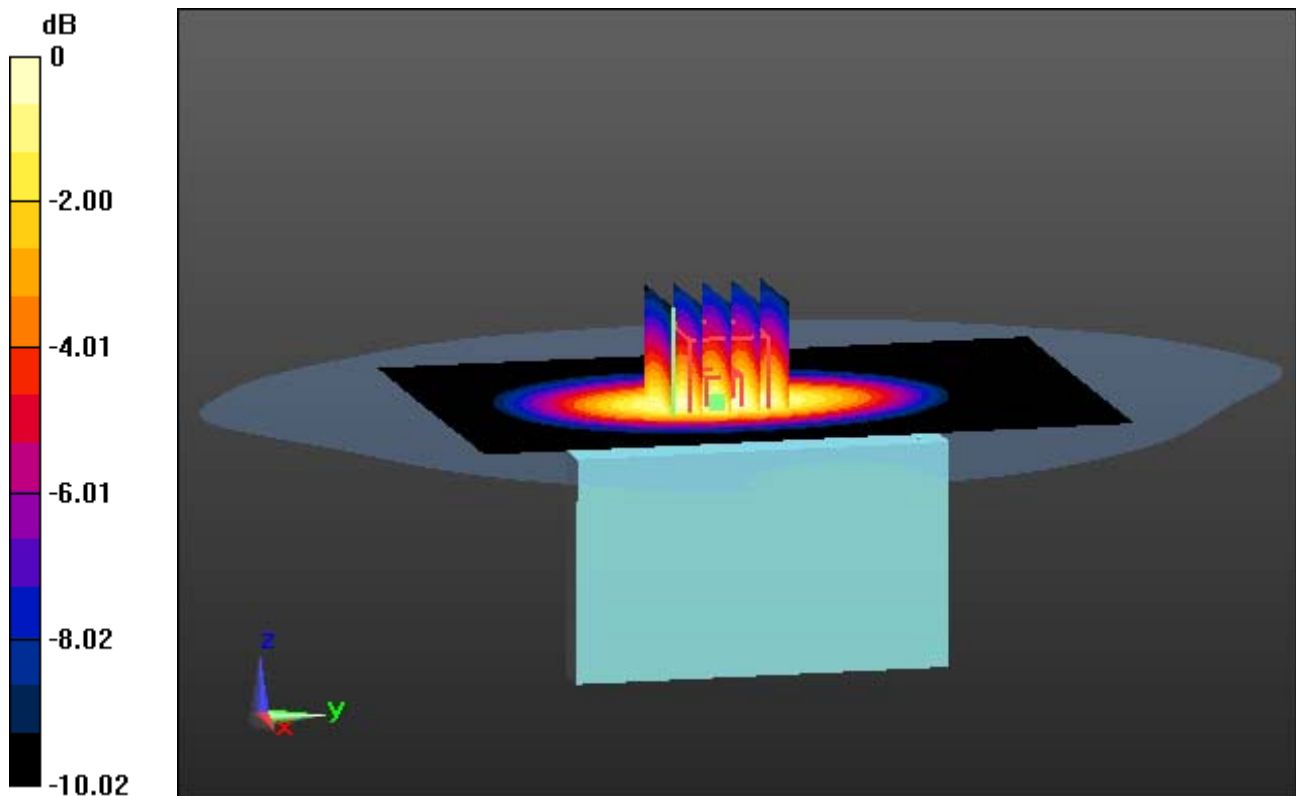
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.279 mW/g

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.135 W/kg



0 dB = 0.241 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; $\sigma = 0.958$ mho/m; $\epsilon_r = 56.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

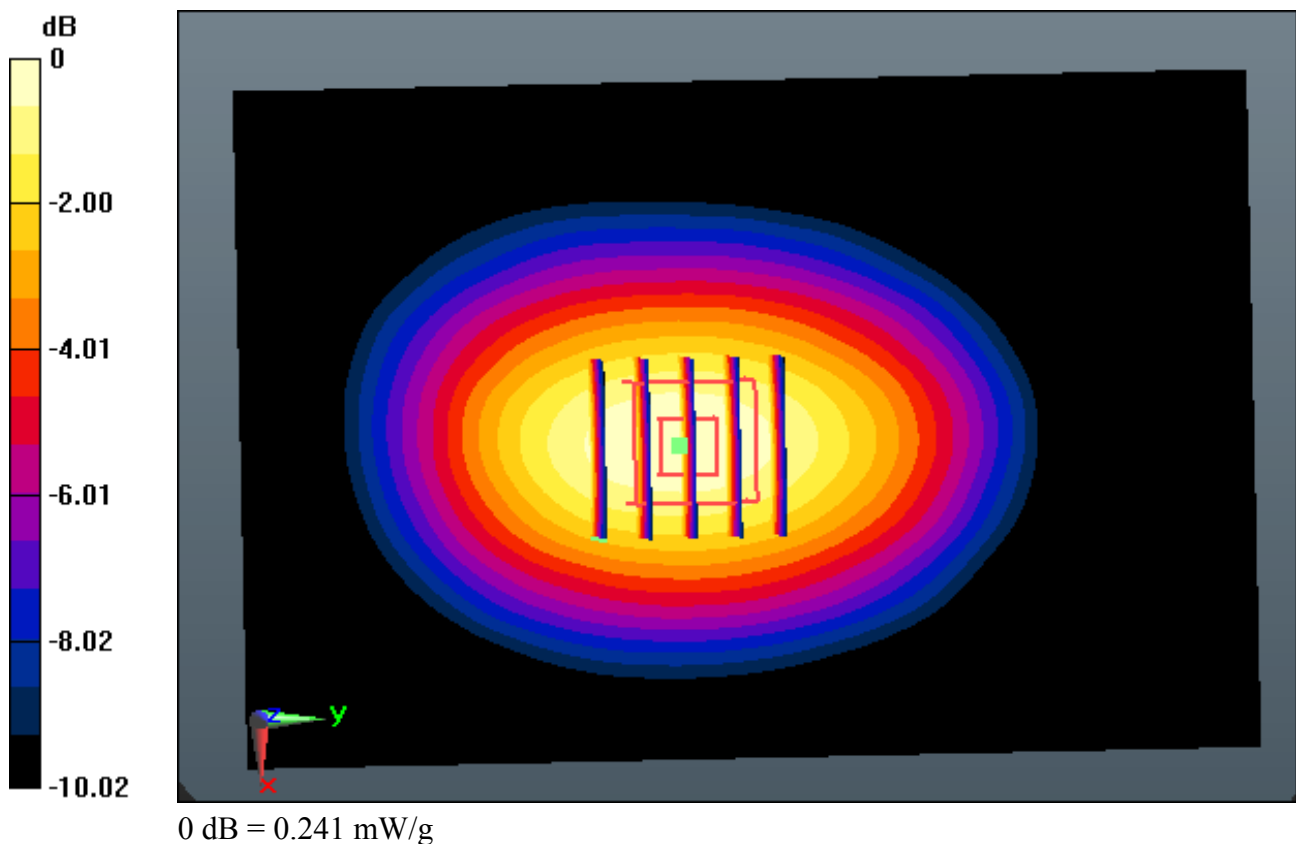
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

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

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

With Enlarge plot image

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.279 mW/g
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.135 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.958 \text{ mho/m}$; $\epsilon_r = 56.015$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

1 cm space from Body, Sim2, Rear, WCDMA850 Ch. 4183, Ant Internal

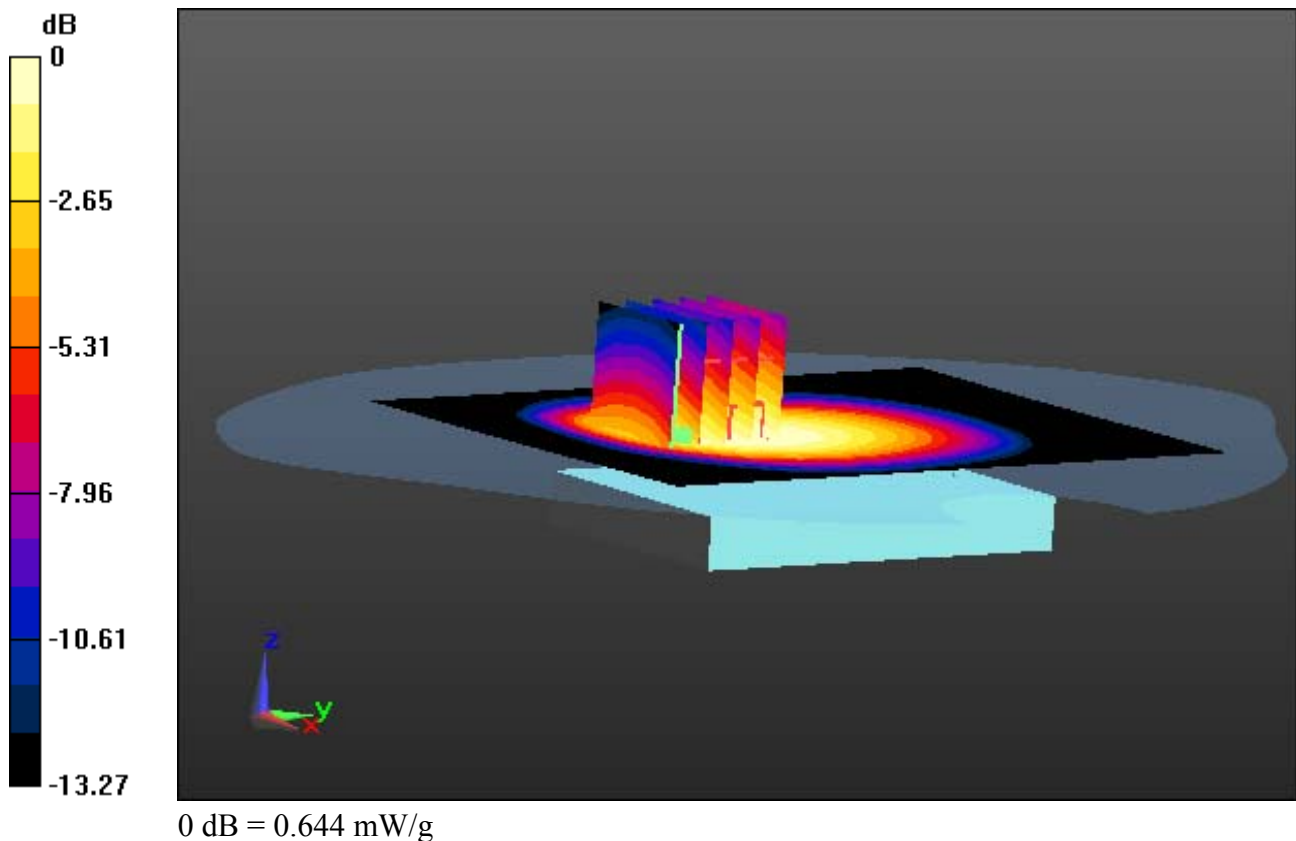
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.762 mW/g

SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.352 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: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

1 cm space from Body, Sim2, Rear, WCDMA850 Ch. 4183, Ant Internal

With Enlarge plot image

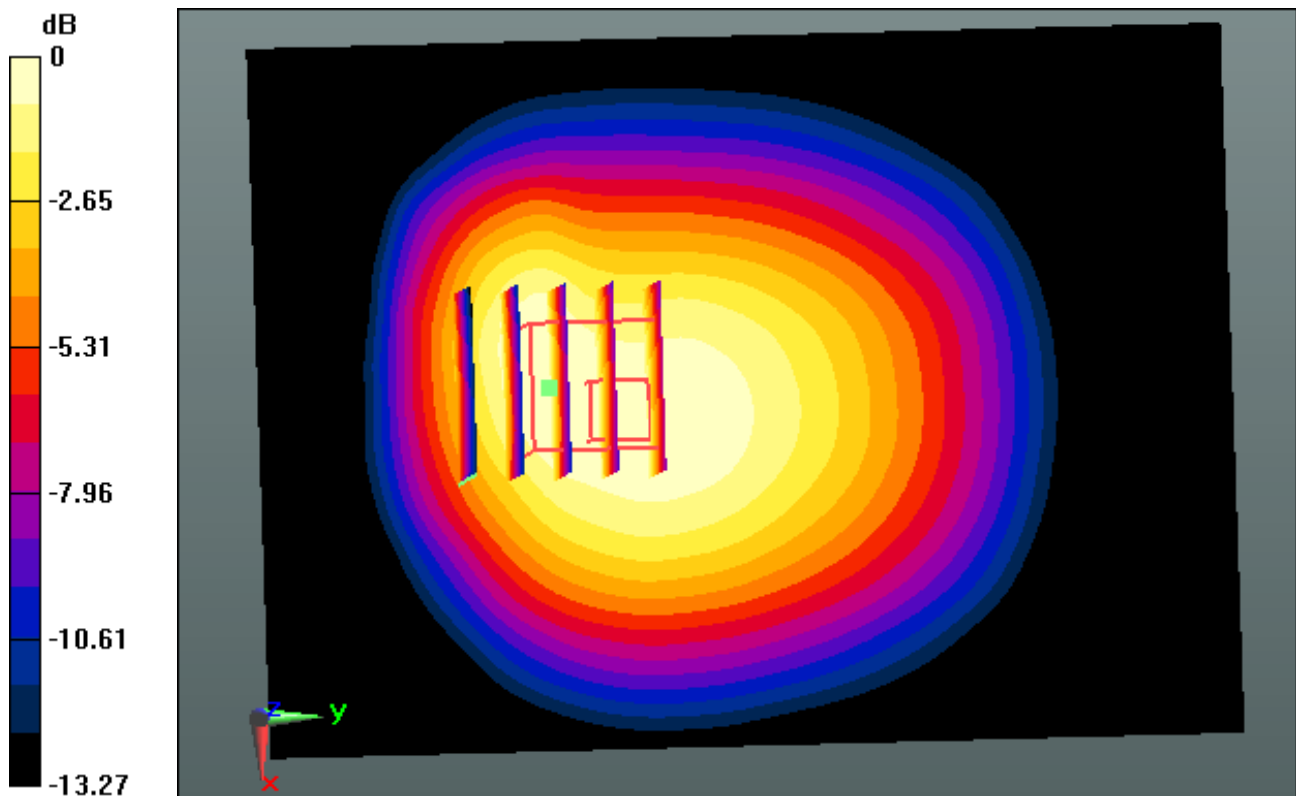
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.762 mW/g

SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.352 W/kg



0 dB = 0.644 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: $f = 836.6 \text{ MHz}$; $\sigma = 0.958 \text{ mho/m}$; $\epsilon_r = 56.015$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); 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

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

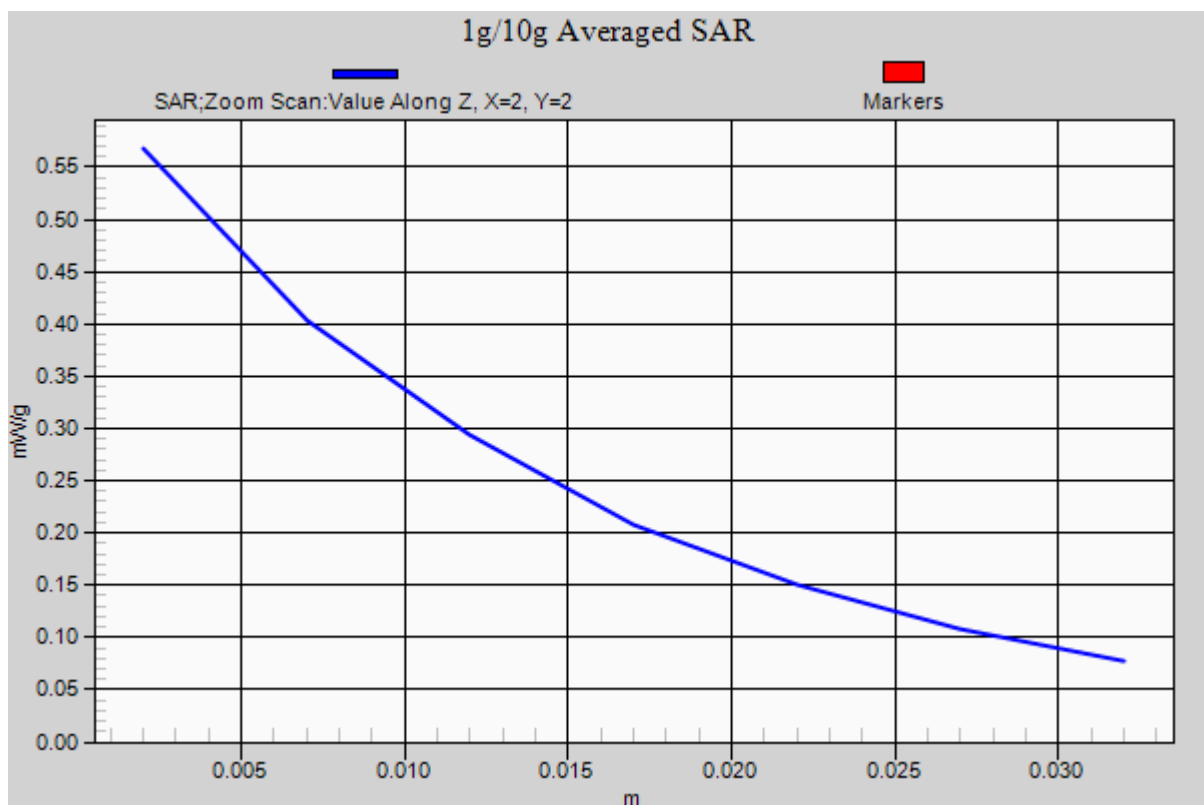
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.753 mW/g

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.353 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: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Bottom, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

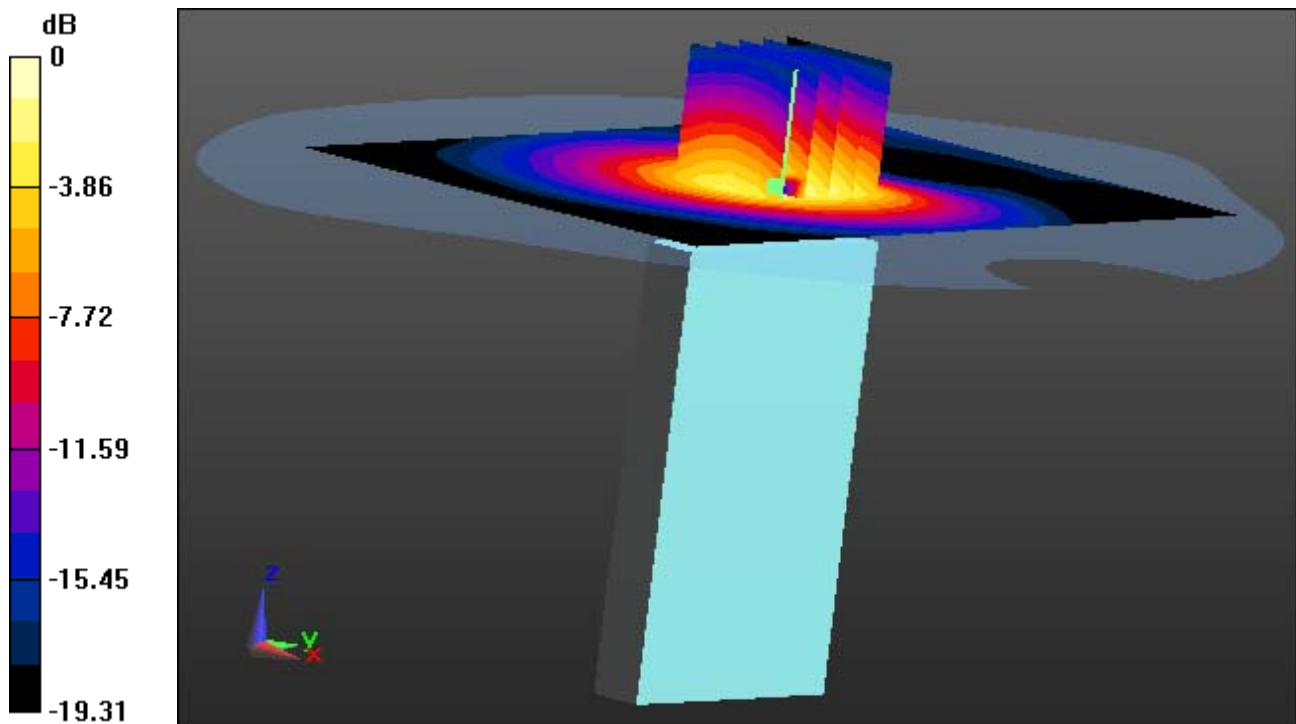
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.321 mW/g

SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.365 W/kg



0 dB = 0.962 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: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Bottom, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

With Enlarge plot image

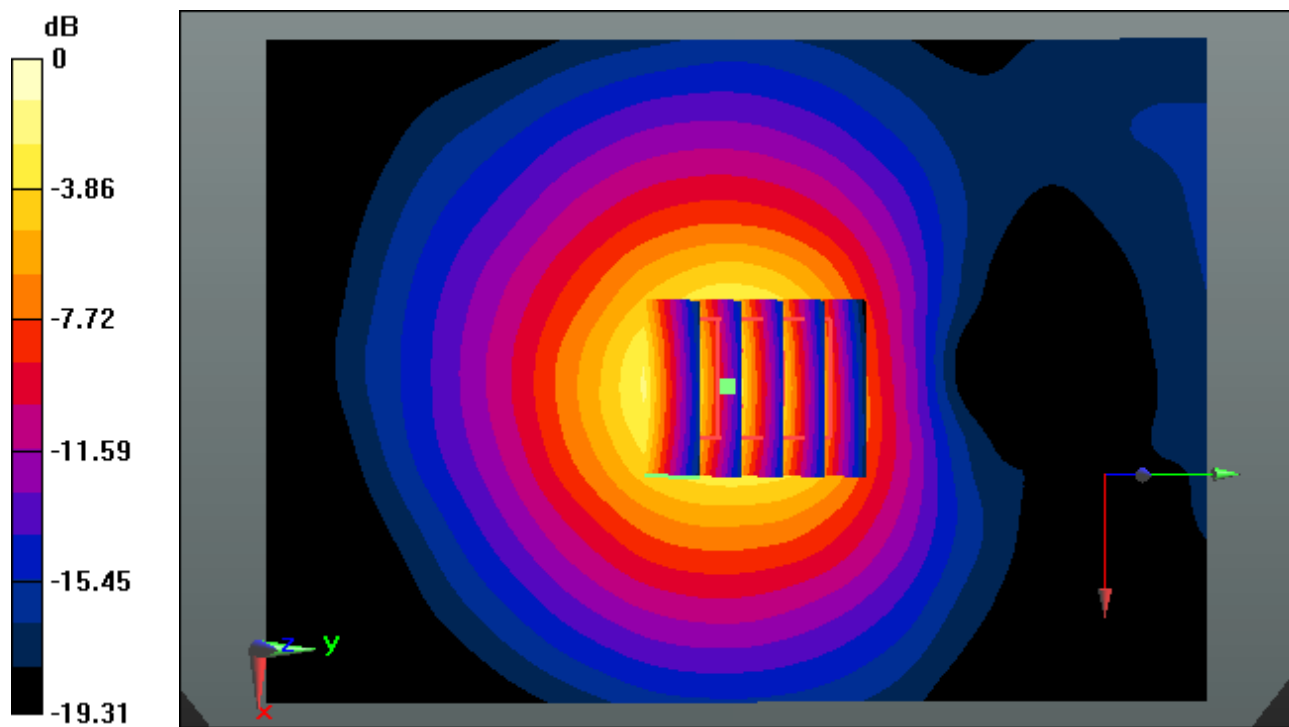
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.321 mW/g

SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.365 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: $f = 1880 \text{ MHz}$; $\sigma = 1.499 \text{ mho/m}$; $\epsilon_r = 53.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Front, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

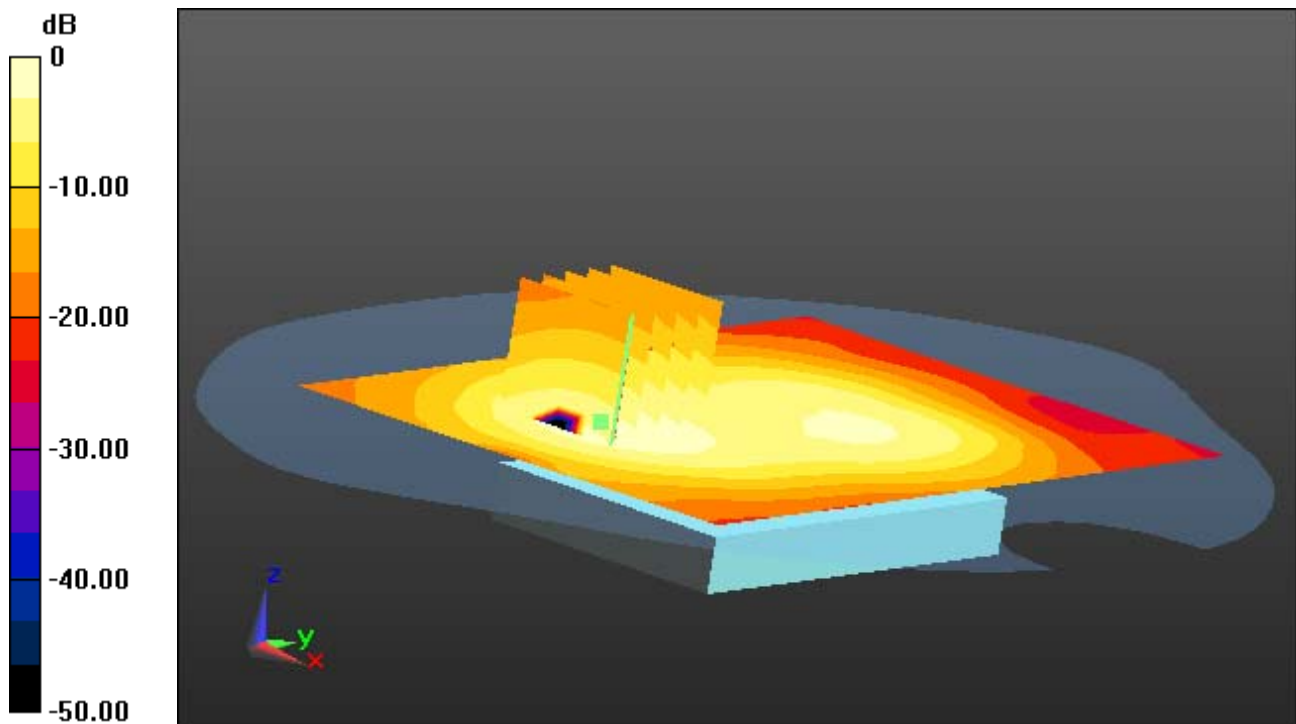
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.890 mW/g

SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.291 W/kg



0 dB = 0.693 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: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Front, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

With Enlarge plot image

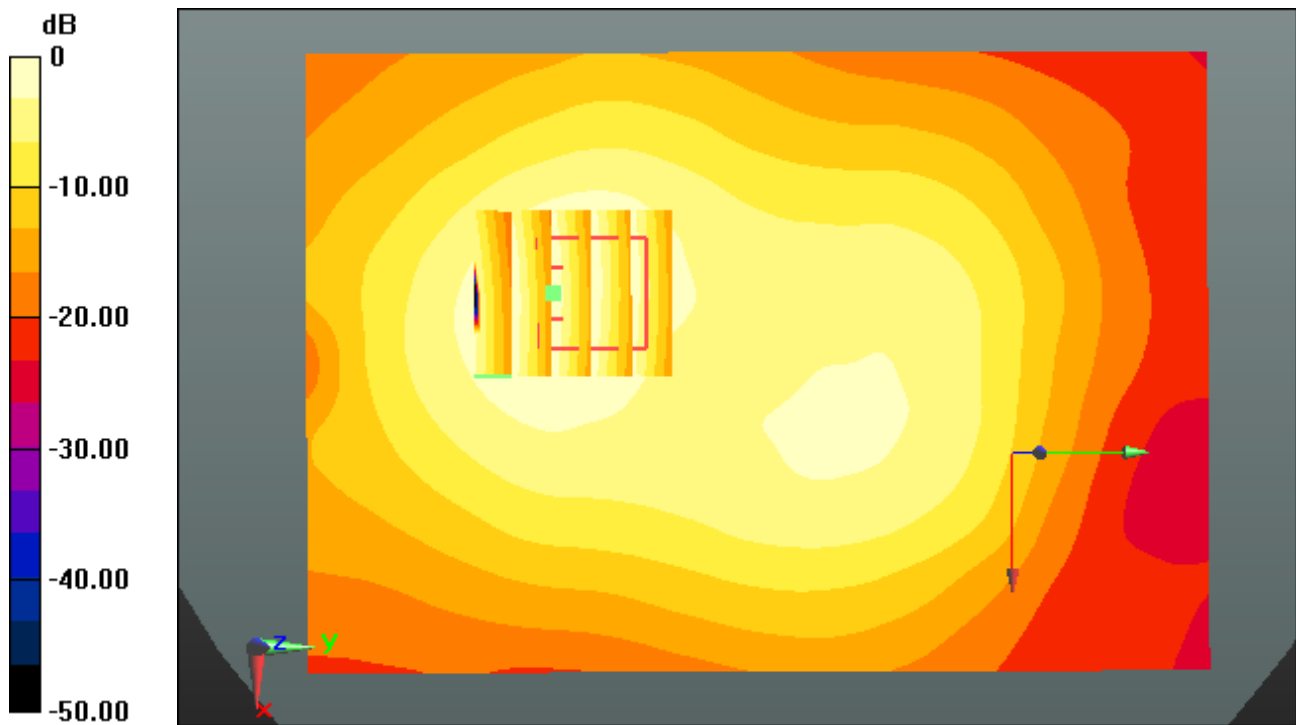
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.890 mW/g

SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.291 W/kg



0 dB = 0.693 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: $f = 1880 \text{ MHz}$; $\sigma = 1.499 \text{ mho/m}$; $\epsilon_r = 53.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal

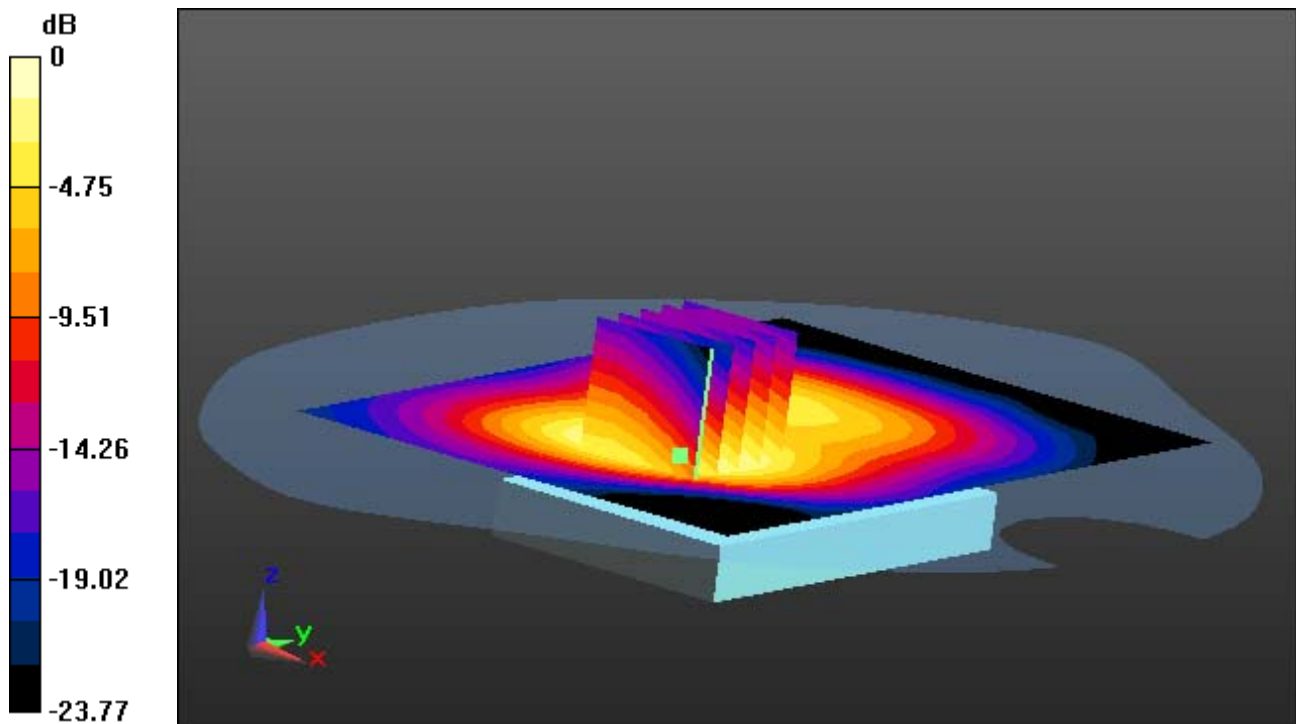
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.356 mW/g

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.409 W/kg



0 dB = 1.02 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: $f = 1880 \text{ MHz}$; $\sigma = 1.499 \text{ mho/m}$; $\epsilon_r = 53.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal

With Enlarge plot image

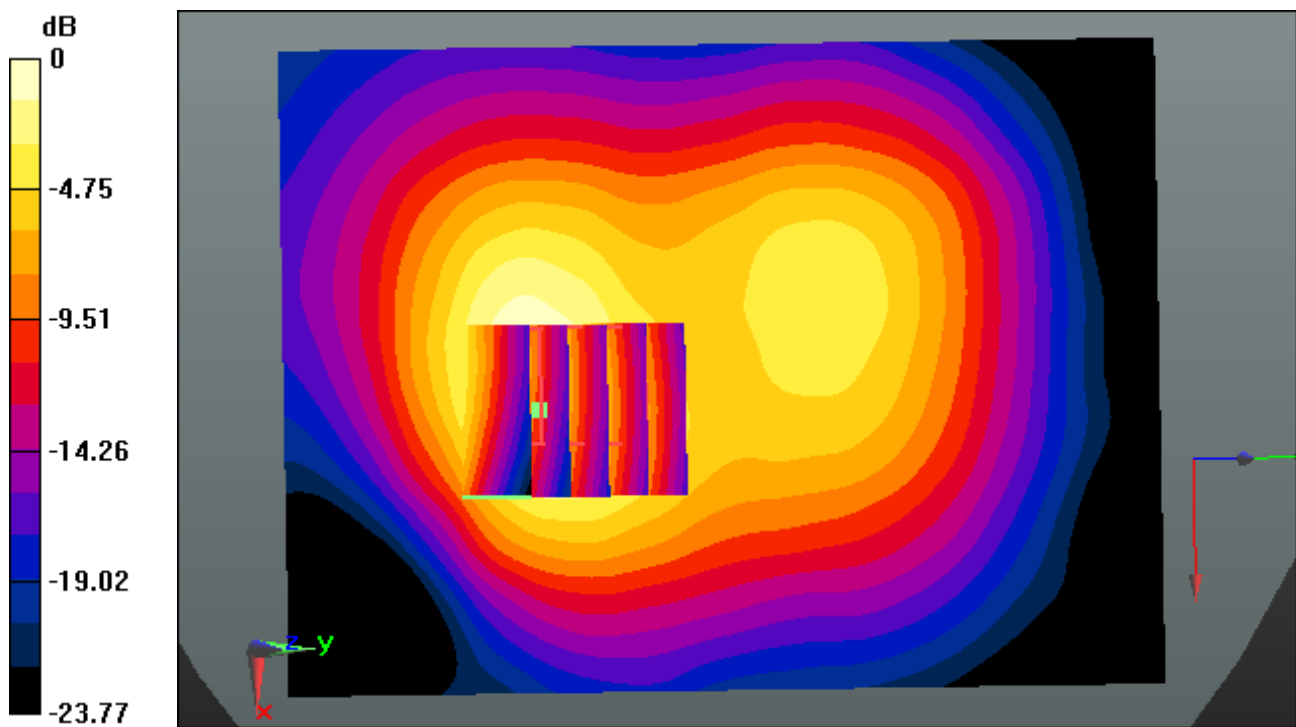
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.356 mW/g

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.409 W/kg



0 dB = 1.02 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: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Rear, PCS1900 GPRS 1 Tx Ch. 661, Ant Internal

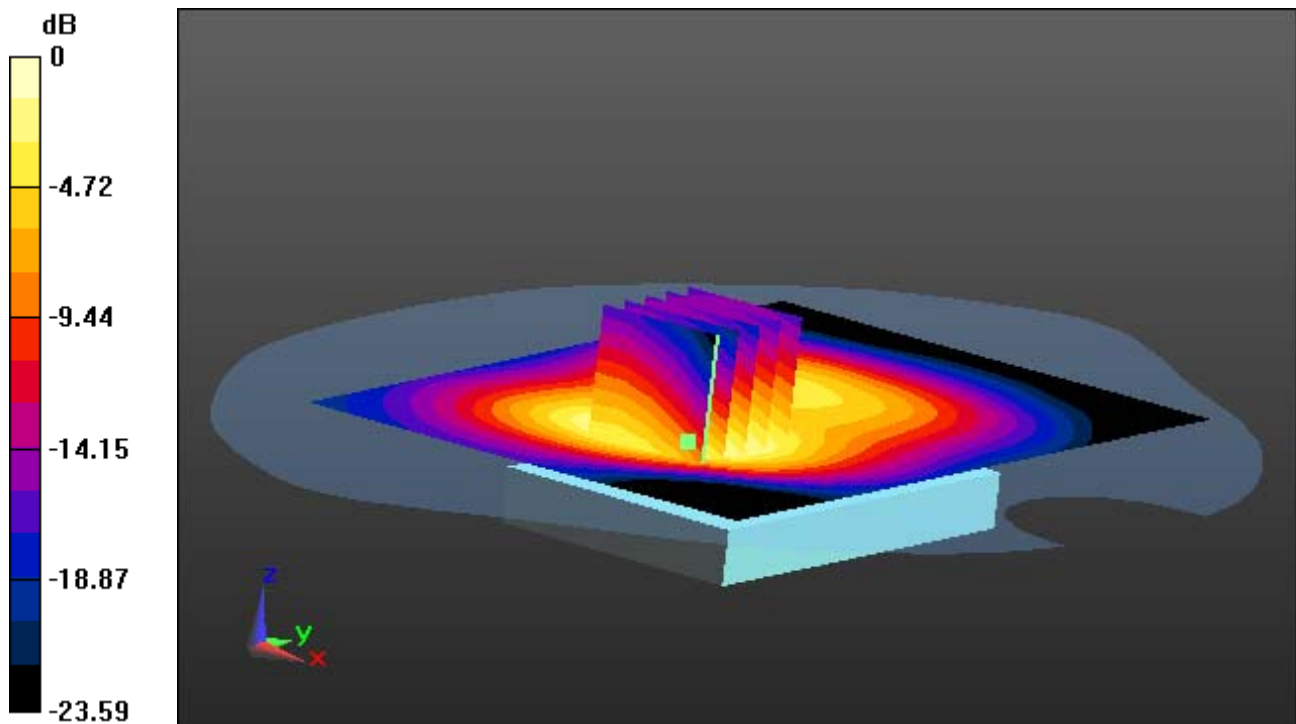
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.361 mW/g

SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.411 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: $f = 1880 \text{ MHz}$; $\sigma = 1.499 \text{ mho/m}$; $\epsilon_r = 53.787$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

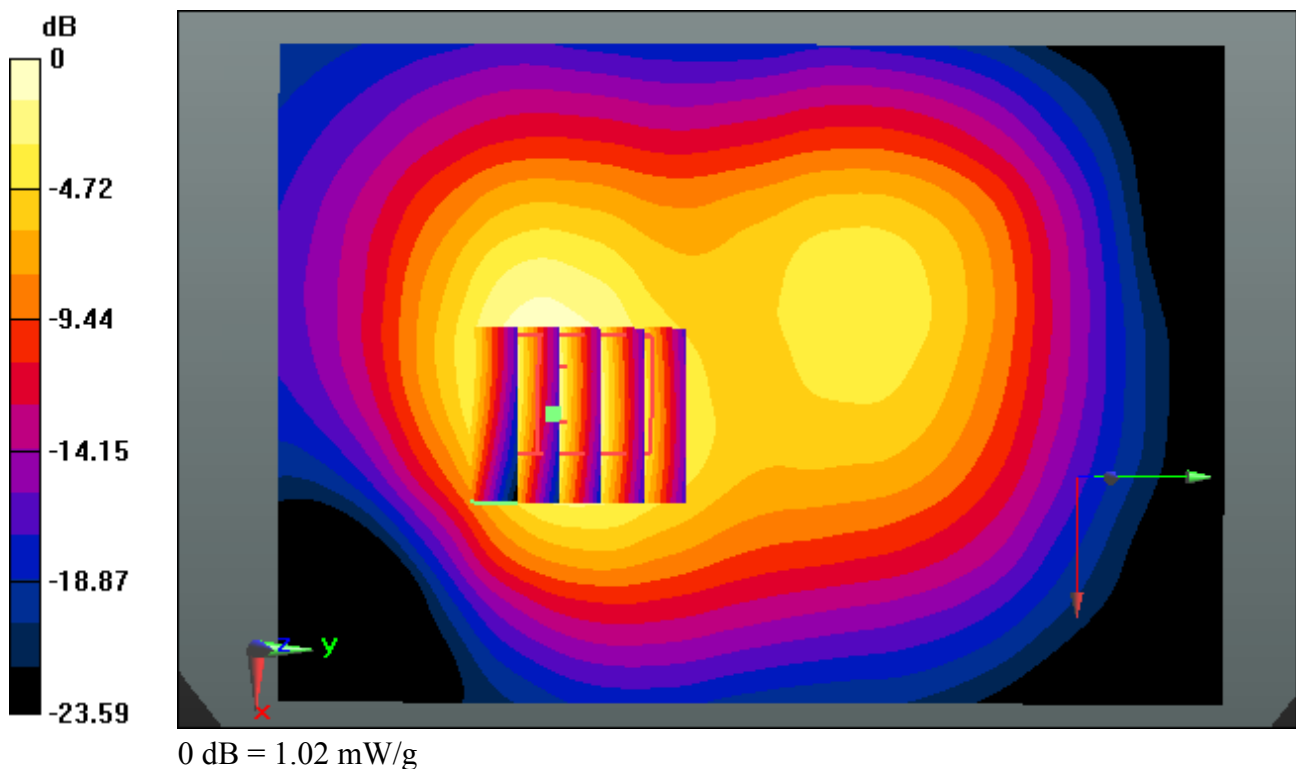
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Rear, PCS1900 GPRS 1 Tx Ch. 661, Ant Internal

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 = -0.01 dB
Peak SAR (extrapolated) = 1.361 mW/g
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.411 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: $f = 1880 \text{ MHz}$; $\sigma = 1.499 \text{ mho/m}$; $\epsilon_r = 53.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal

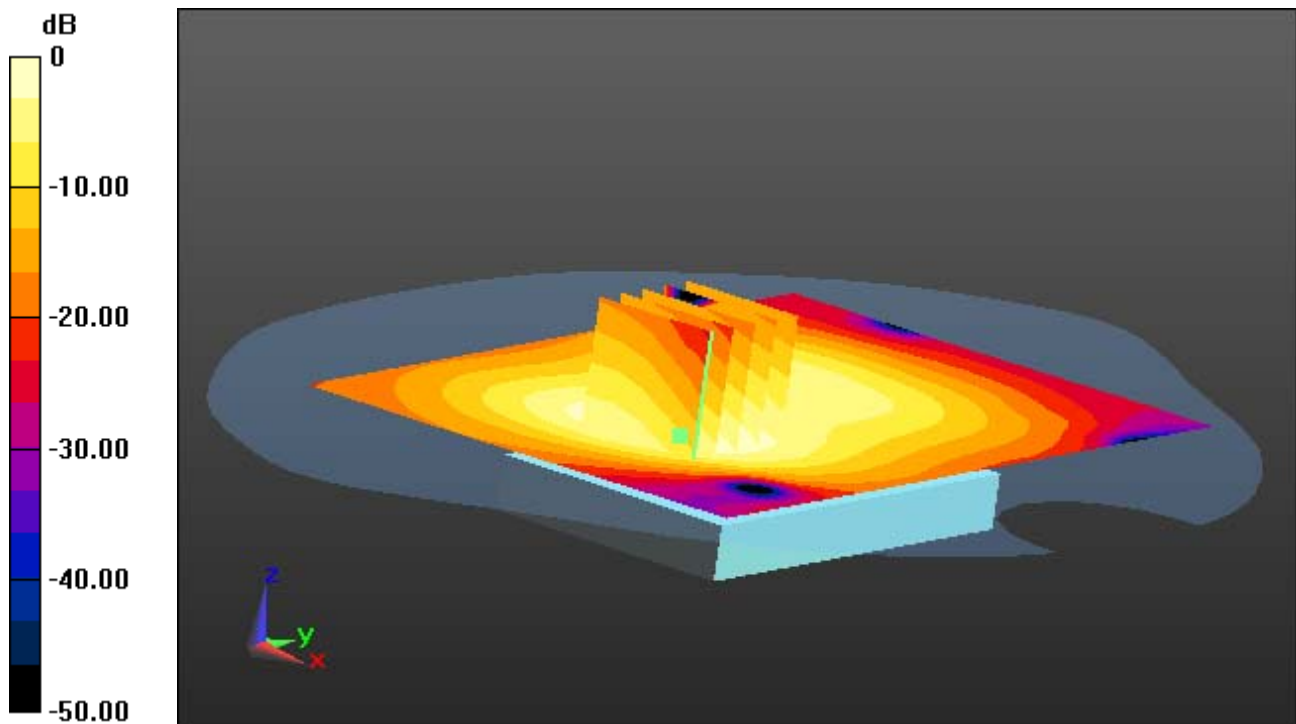
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.361 mW/g

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.407 W/kg



0 dB = 1.01 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: $f = 1880 \text{ MHz}$; $\sigma = 1.499 \text{ mho/m}$; $\epsilon_r = 53.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal

With Enlarge plot image

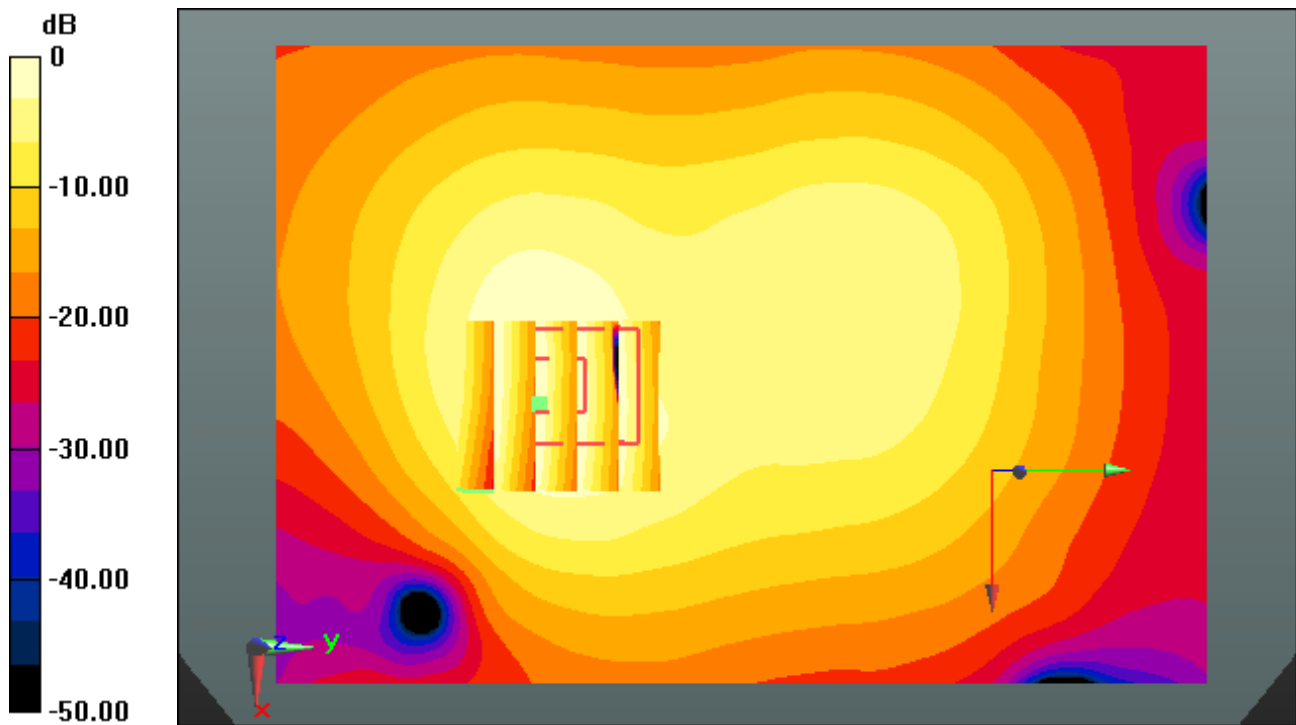
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.361 mW/g

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.407 W/kg



0 dB = 1.01 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: $f = 1880 \text{ MHz}$; $\sigma = 1.499 \text{ mho/m}$; $\epsilon_r = 53.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Rear, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

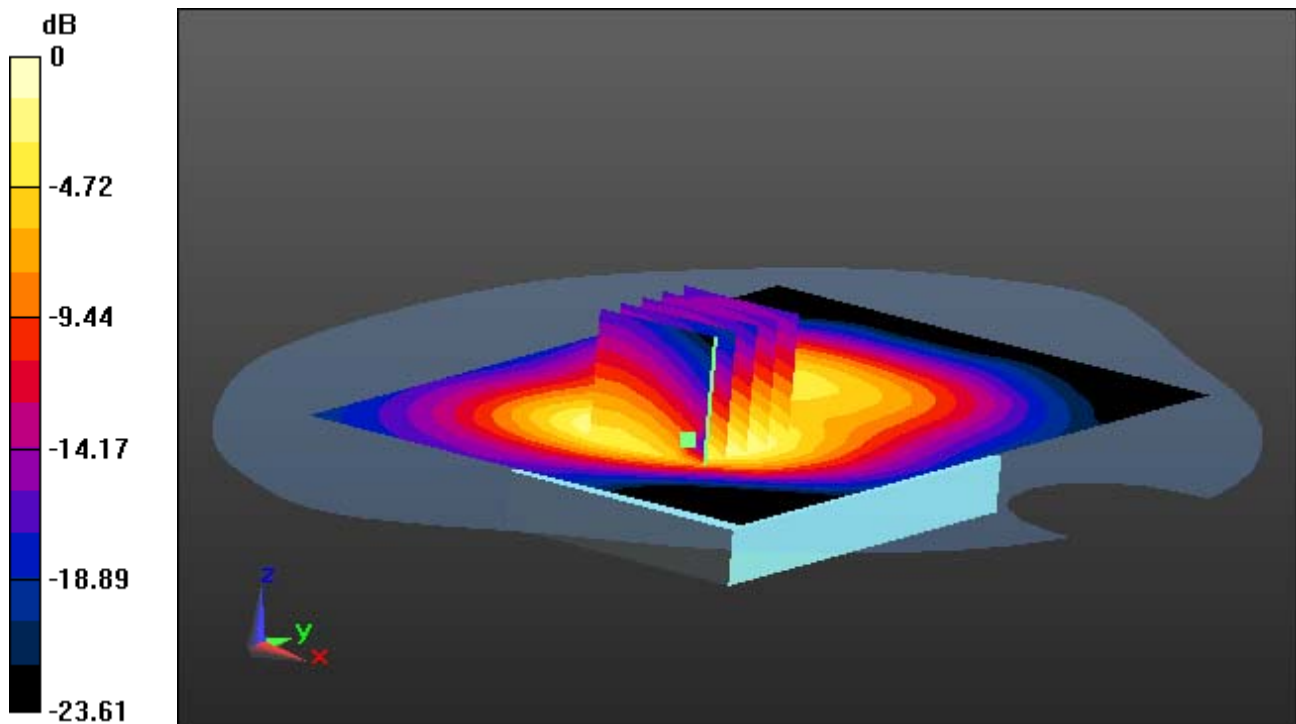
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.457 mW/g

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.427 W/kg



0 dB = 1.10 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: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Rear, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

With Enlarge plot image

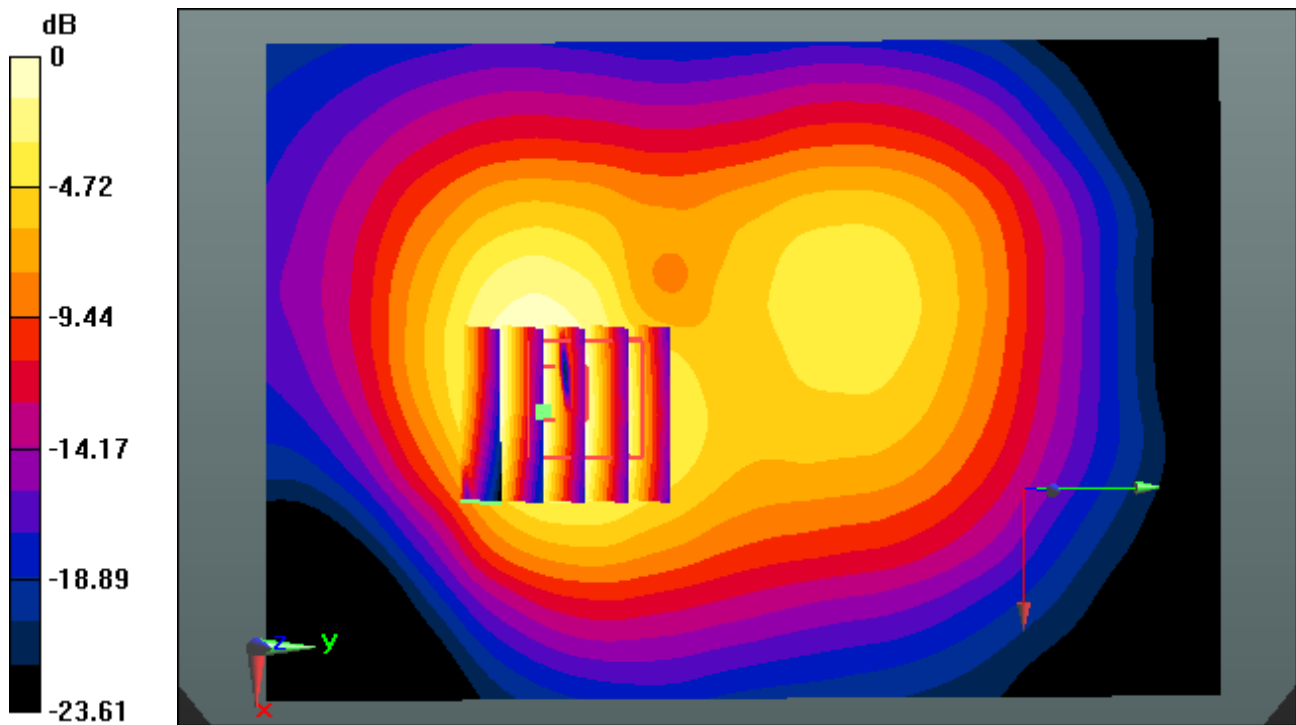
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.457 mW/g

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.427 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: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal

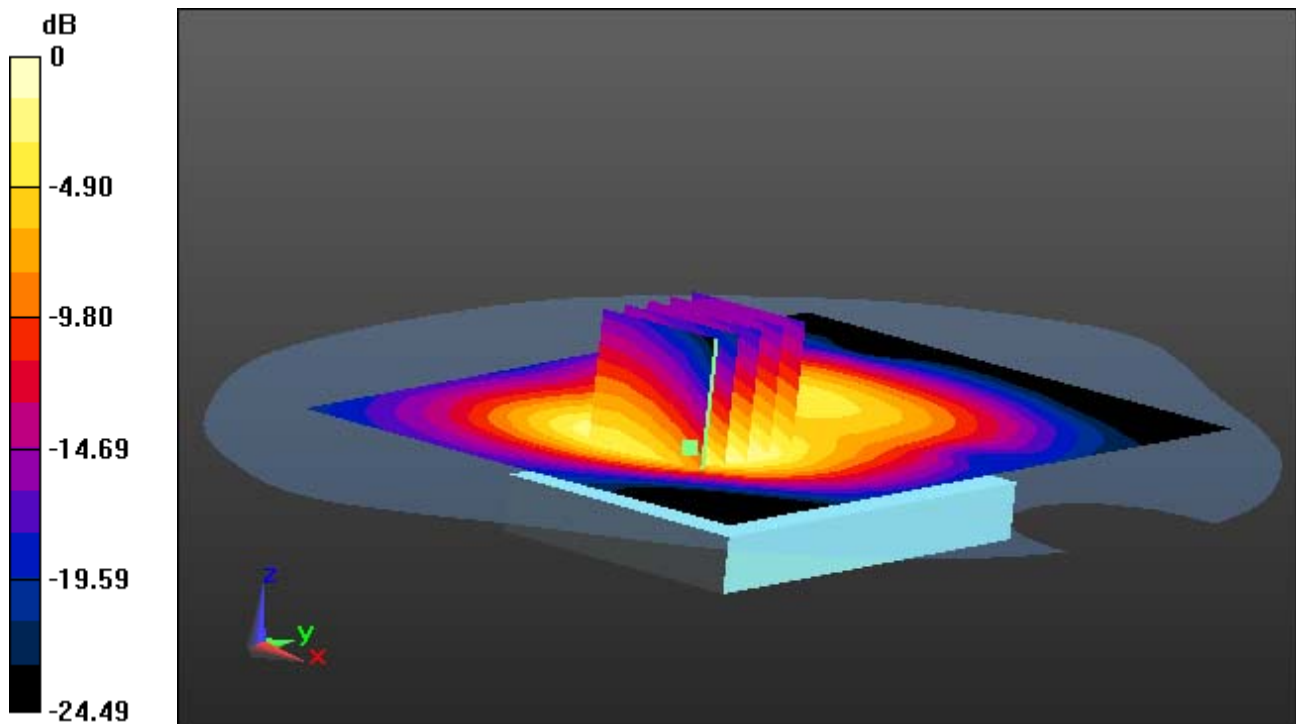
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.432 mW/g

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.418 W/kg



0 dB = 1.06 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: $f = 1880 \text{ MHz}$; $\sigma = 1.499 \text{ mho/m}$; $\epsilon_r = 53.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal

With Enlarge plot image

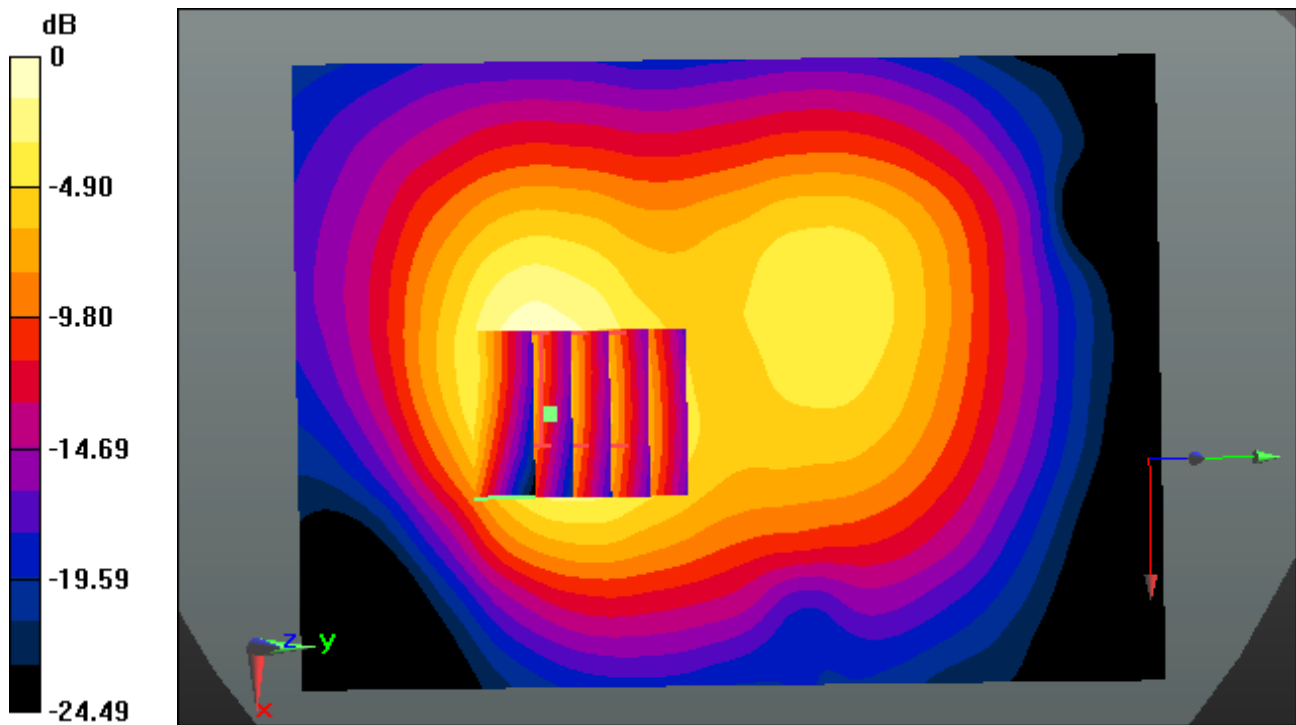
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.432 mW/g

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.418 W/kg



0 dB = 1.06 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: $f = 1880 \text{ MHz}$; $\sigma = 1.499 \text{ mho/m}$; $\epsilon_r = 53.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Right, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

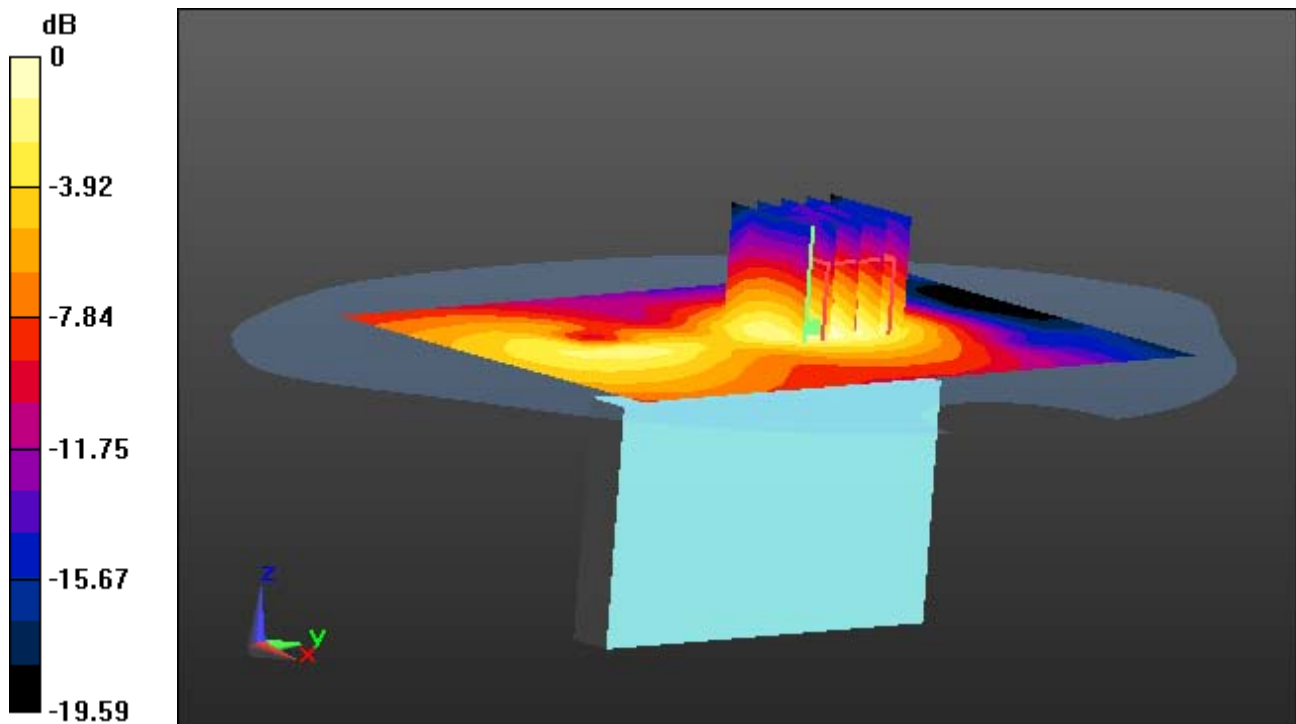
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.223 mW/g

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.069 W/kg



0 dB = 0.169 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: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Right, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

With Enlarge plot image

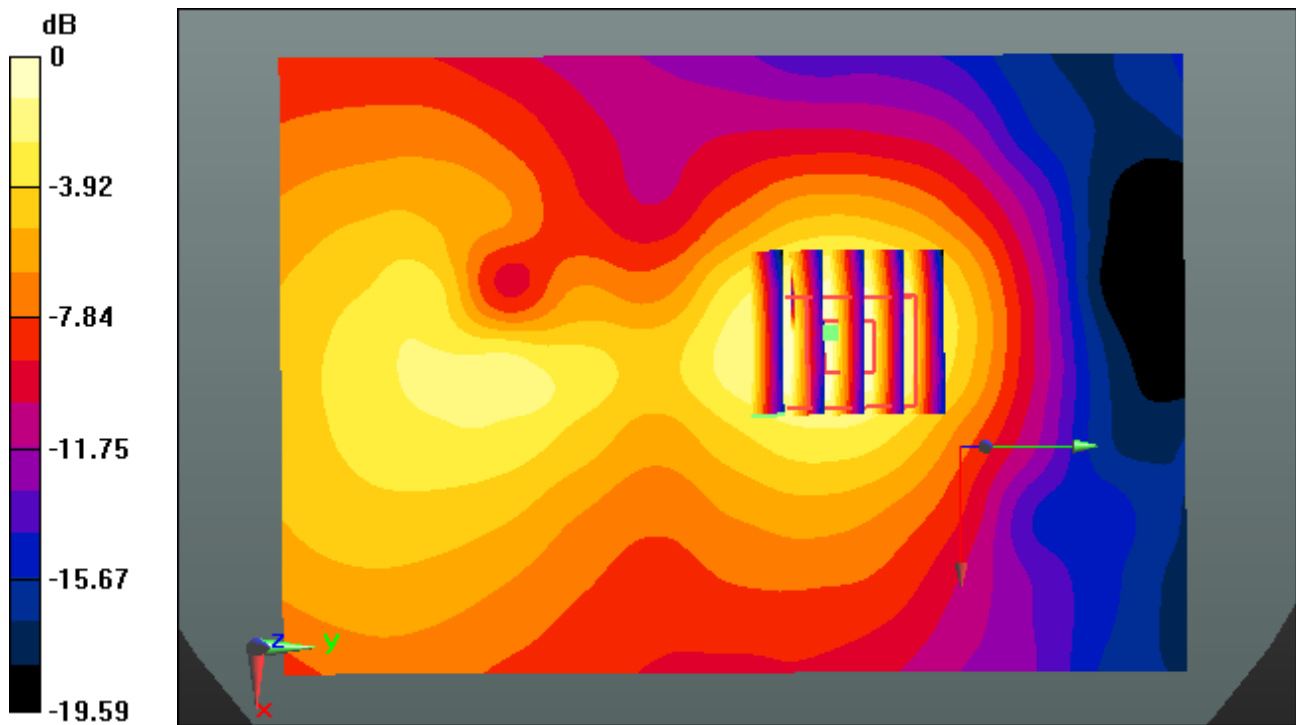
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.223 mW/g

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.069 W/kg



0 dB = 0.169 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: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Left, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

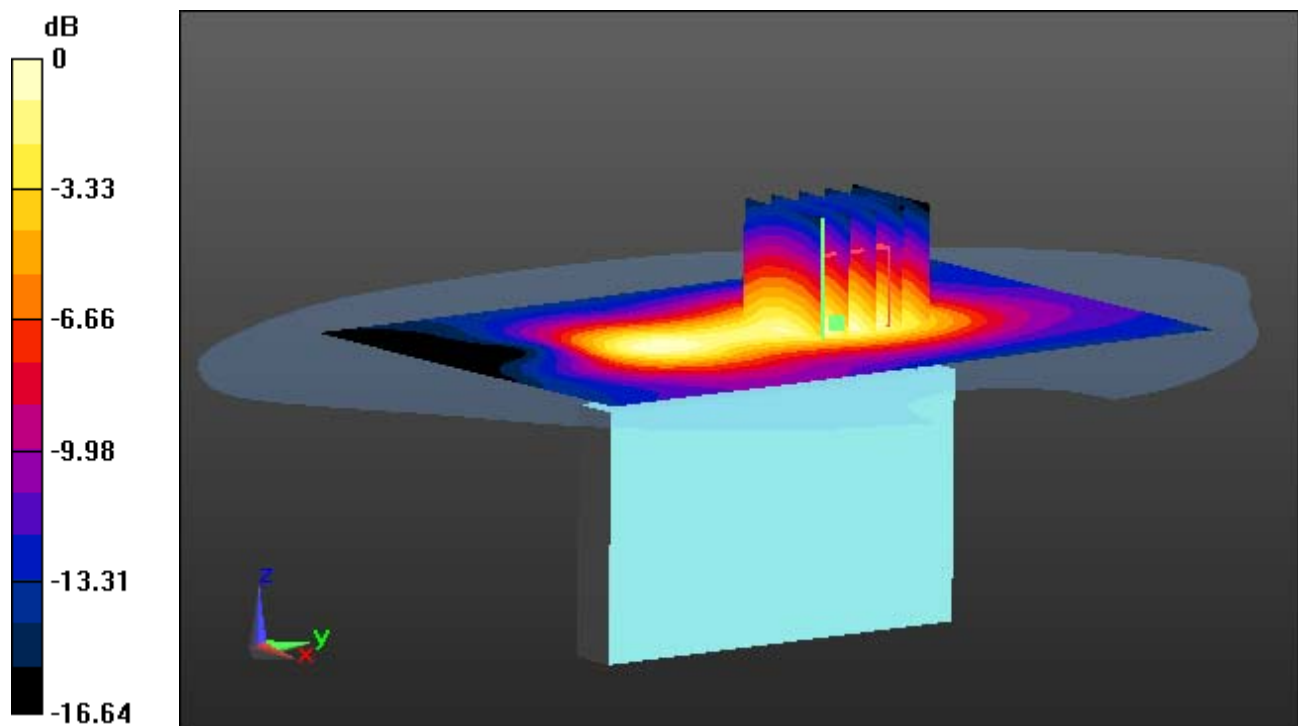
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.535 mW/g

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.187 W/kg



0 dB = 0.430 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: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Left, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

With Enlarge plot image

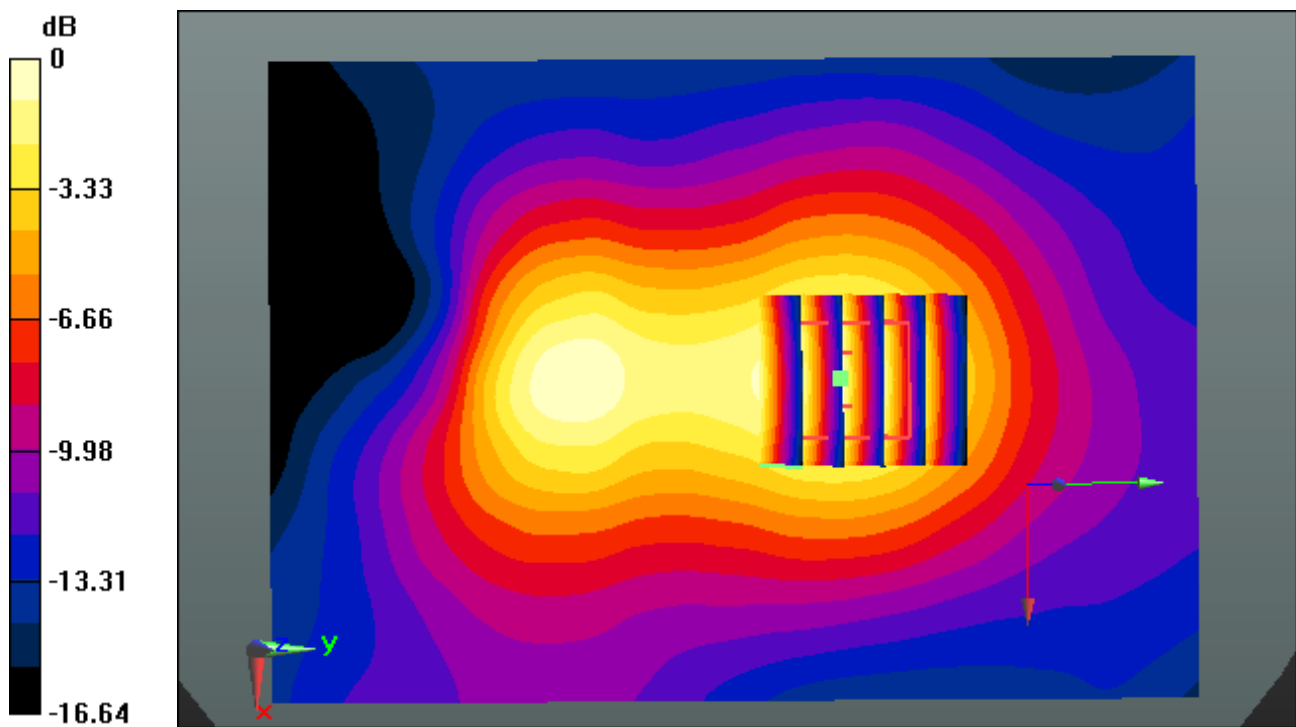
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.535 mW/g

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.187 W/kg



0 dB = 0.430 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: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Sim2, Rear, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

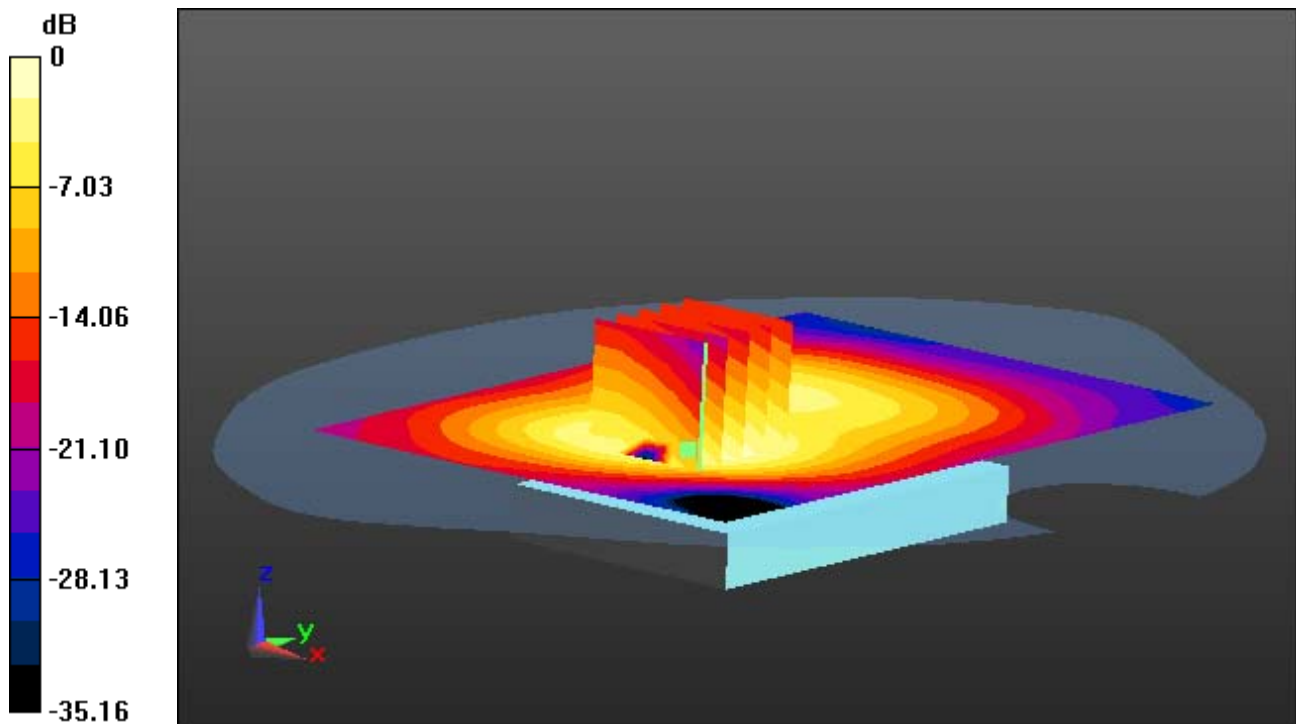
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.467 mW/g

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.433 W/kg



0 dB = 1.06 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: $f = 1880 \text{ MHz}$; $\sigma = 1.499 \text{ mho/m}$; $\epsilon_r = 53.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Sim2, Rear, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

With Enlarge plot image

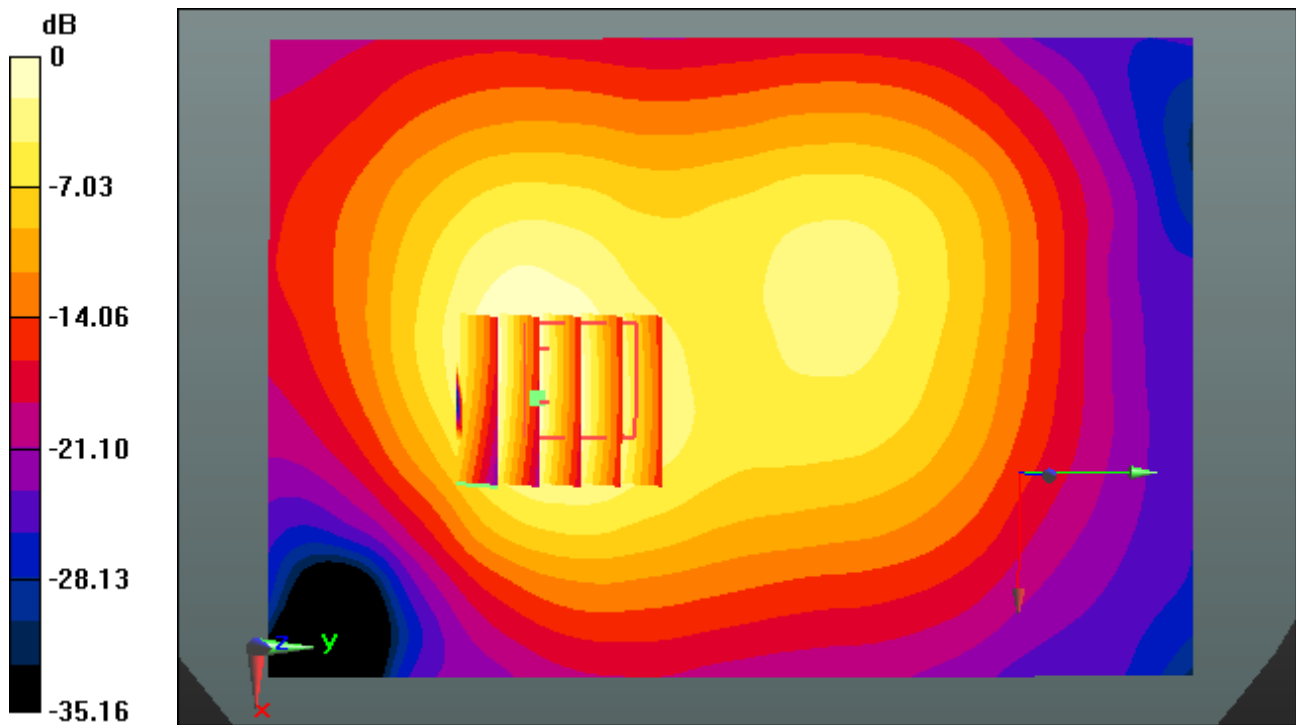
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.467 mW/g

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.433 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: $f = 1880$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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: 2012-12-31; Ambient Temp: 21.4 Tissue Temp: 21.6

1 cm space from Body, Rear, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

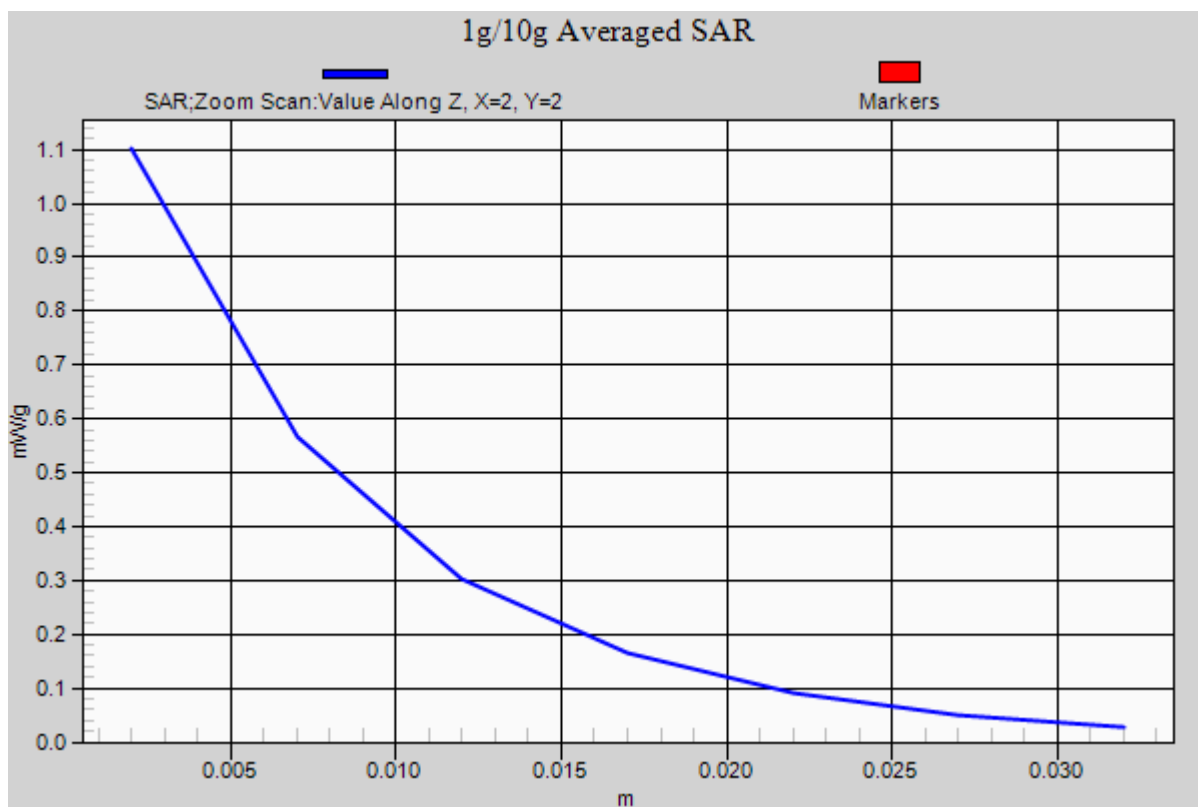
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.457 mW/g

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.427 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; $\sigma = 1.475$ mho/m; $\epsilon_r = 53.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

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

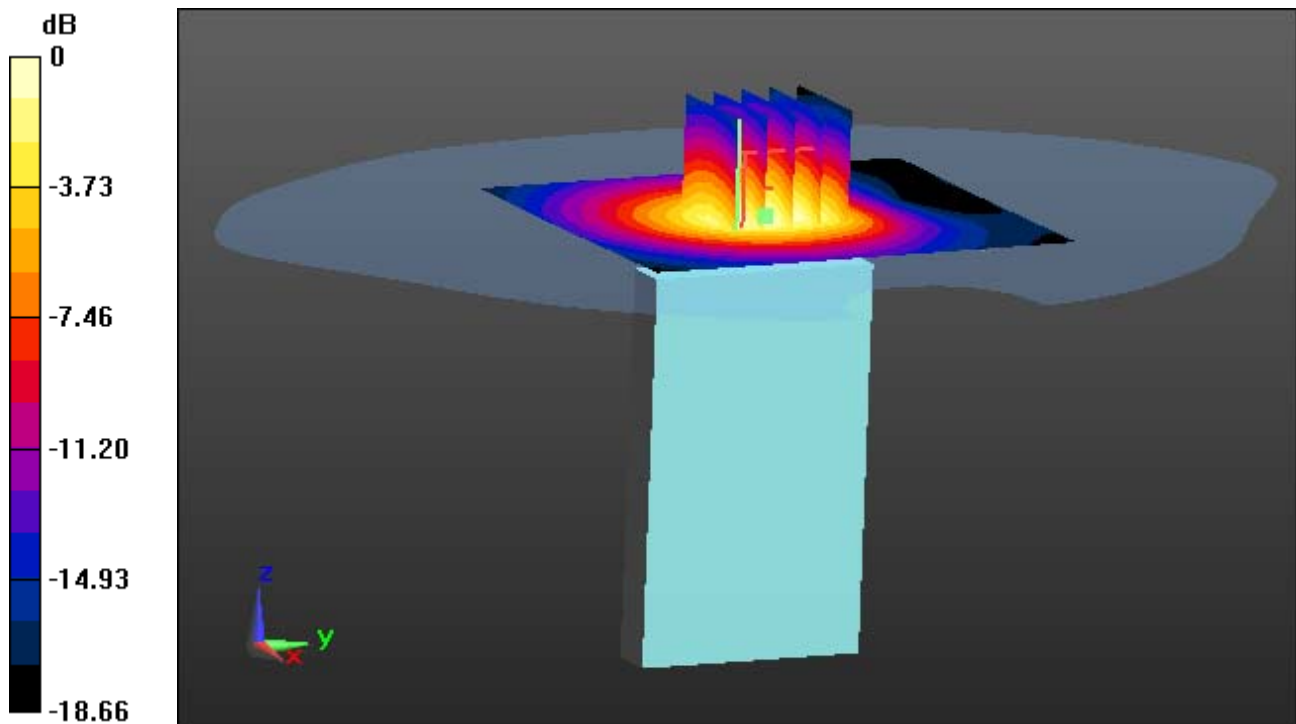
Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.506 mW/g

SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.492 W/kg



0 dB = 1.20 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; $\sigma = 1.475$ mho/m; $\epsilon_r = 53.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

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

With Enlarge plot image

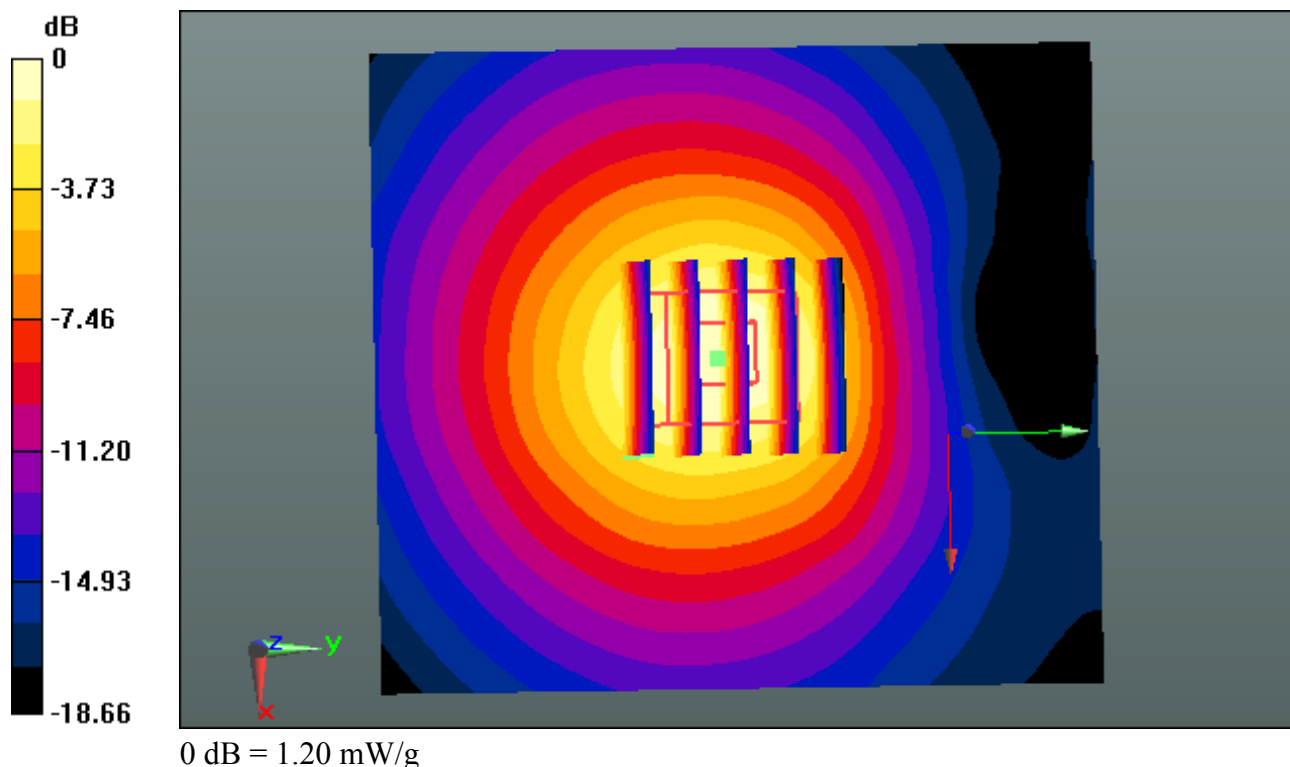
Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.506 mW/g

SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.492 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: $f = 1880 \text{ MHz}$; $\sigma = 1.502 \text{ mho/m}$; $\epsilon_r = 53.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Bottom, WCDMA1900 Ch. 9400, Ant Internal

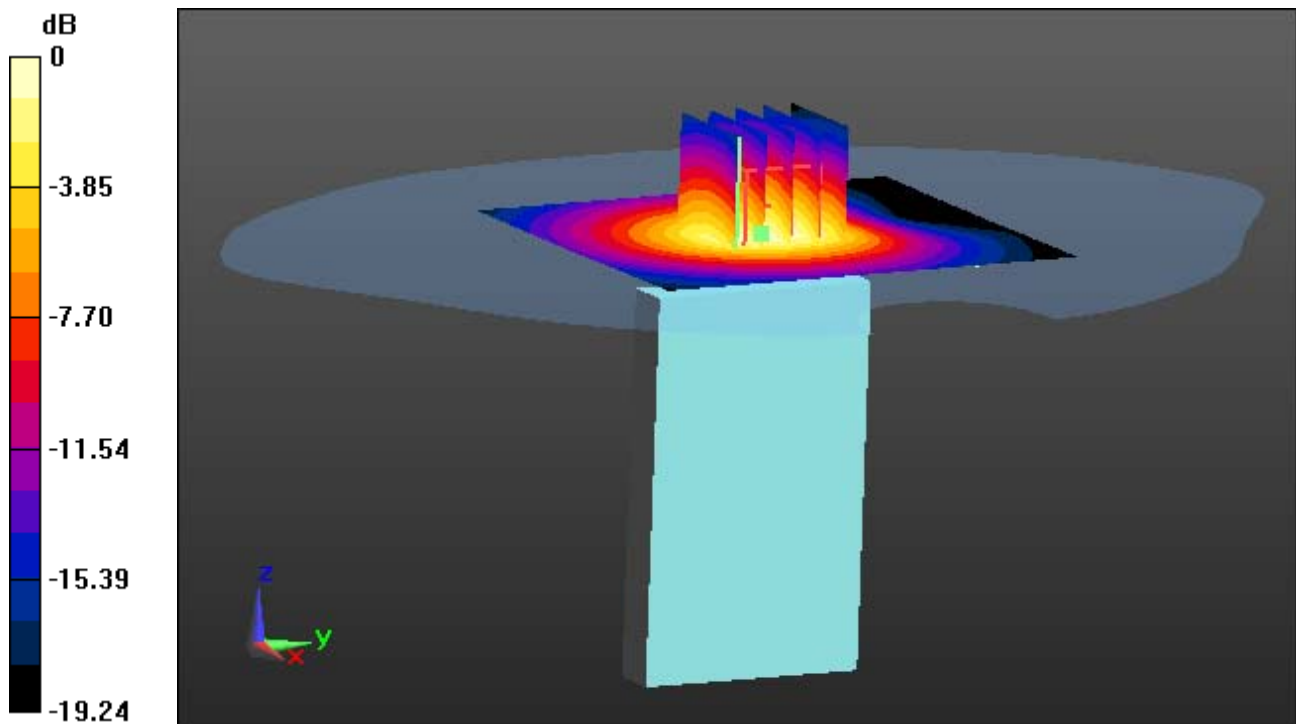
Area Scan (71x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.574 mW/g

SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.502 W/kg



0 dB = 1.24 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; $\sigma = 1.502$ mho/m; $\epsilon_r = 53.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Bottom, WCDMA1900 Ch. 9400, Ant Internal

With Enlarge plot image

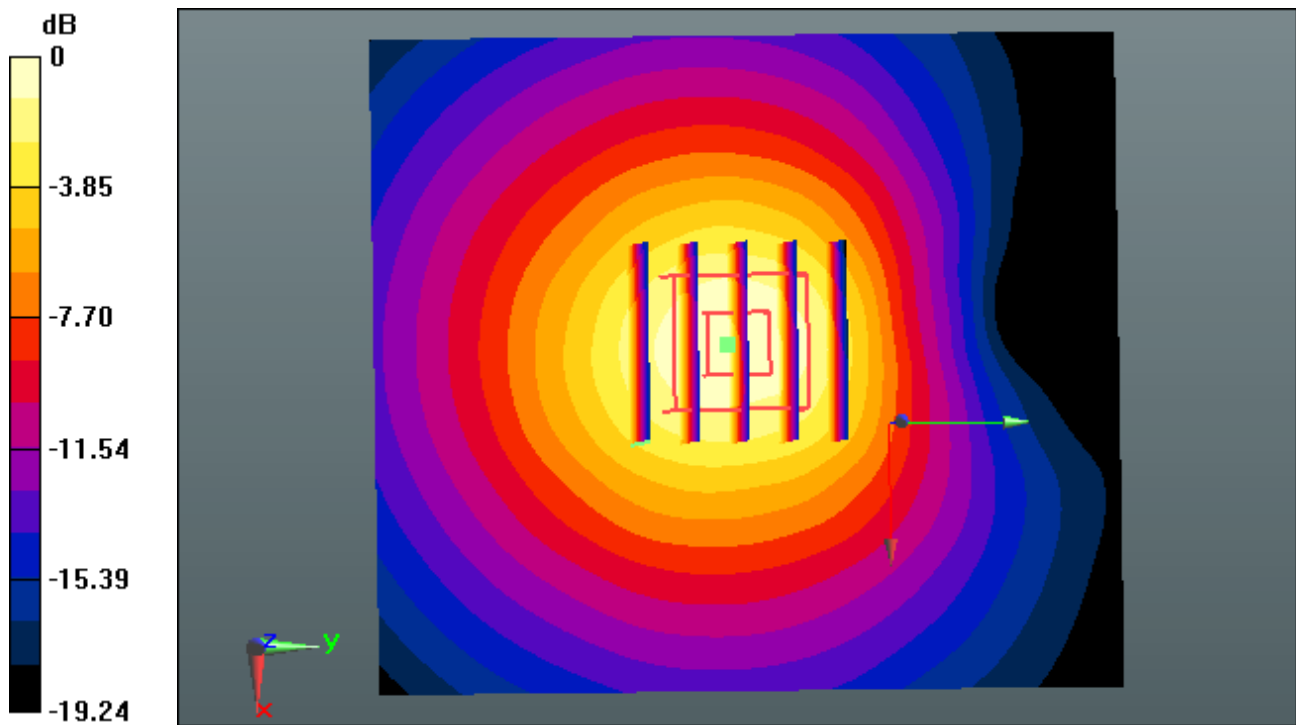
Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.574 mW/g

SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.502 W/kg



0 dB = 1.24 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; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.748$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Bottom, WCDMA1900 Ch. 9538, Ant Internal

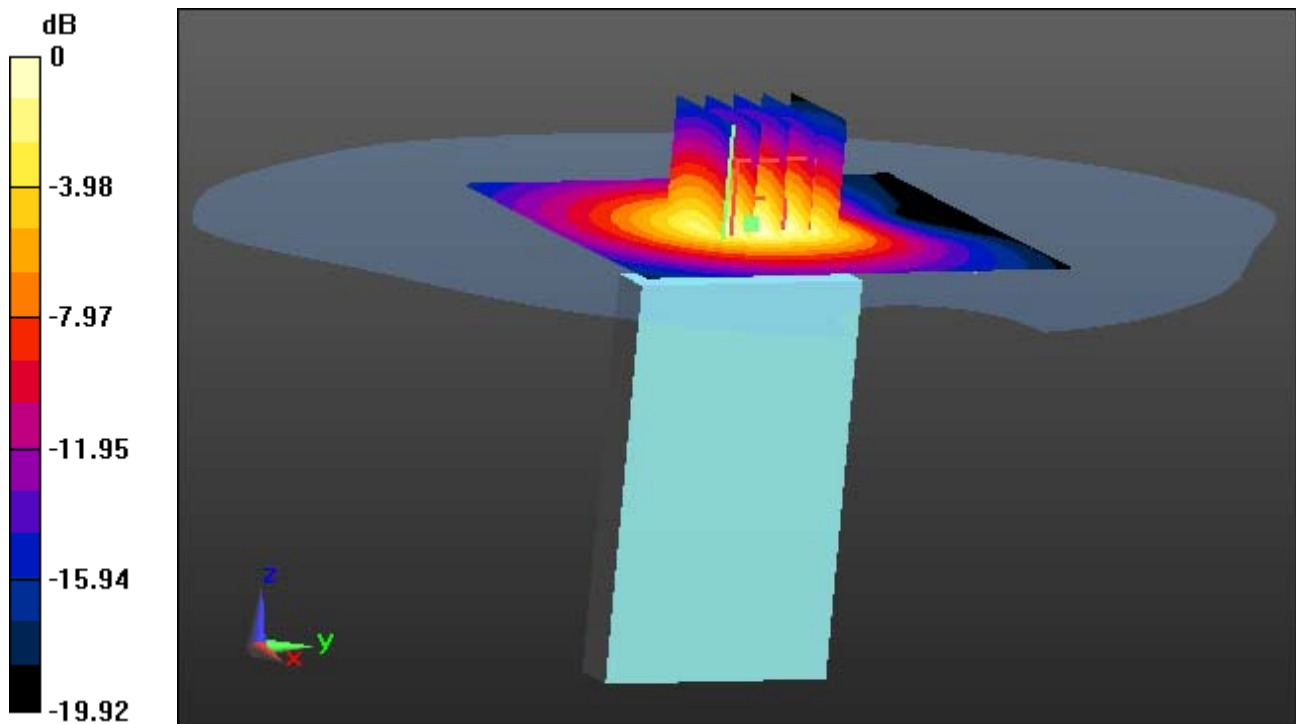
Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.324 mW/g

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.409 W/kg



0 dB = 1.04 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; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.748$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Bottom, WCDMA1900 Ch. 9538, Ant Internal

With Enlarge plot image

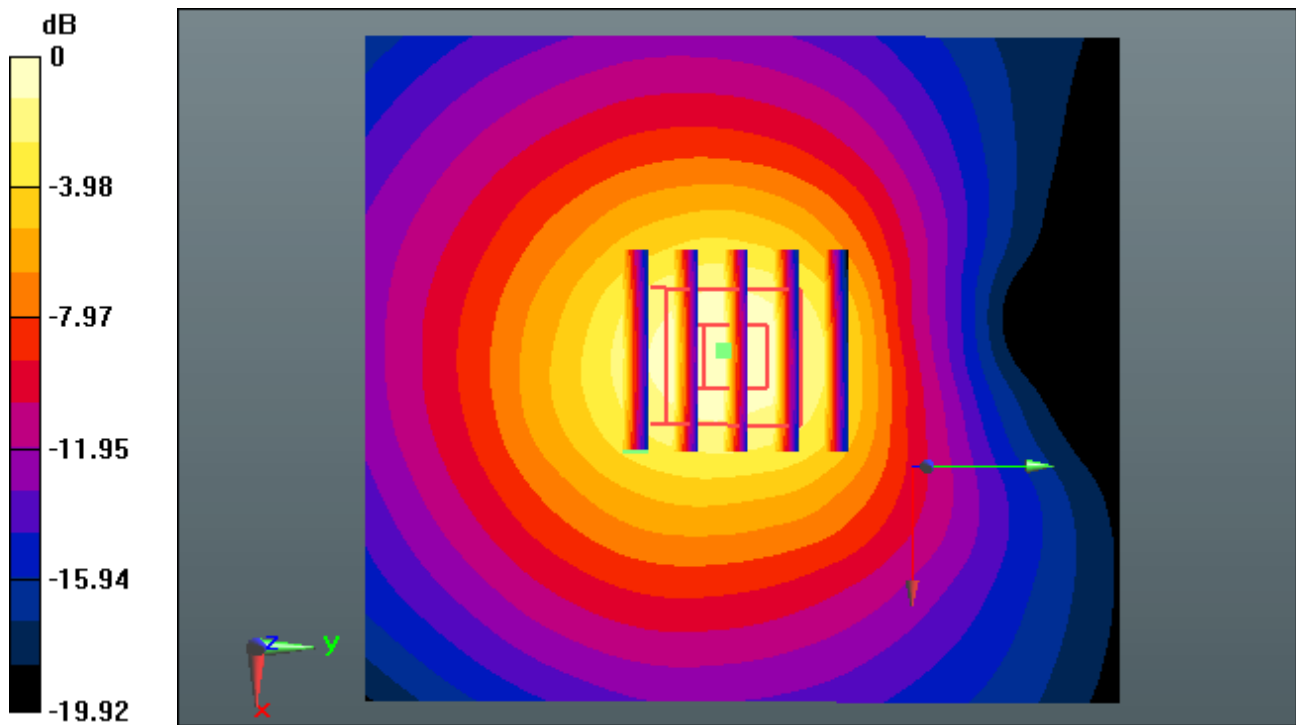
Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.324 mW/g

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.409 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: $f = 1880 \text{ MHz}$; $\sigma = 1.502 \text{ mho/m}$; $\epsilon_r = 53.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Front, WCDMA1900 Ch. 9400, Ant Internal

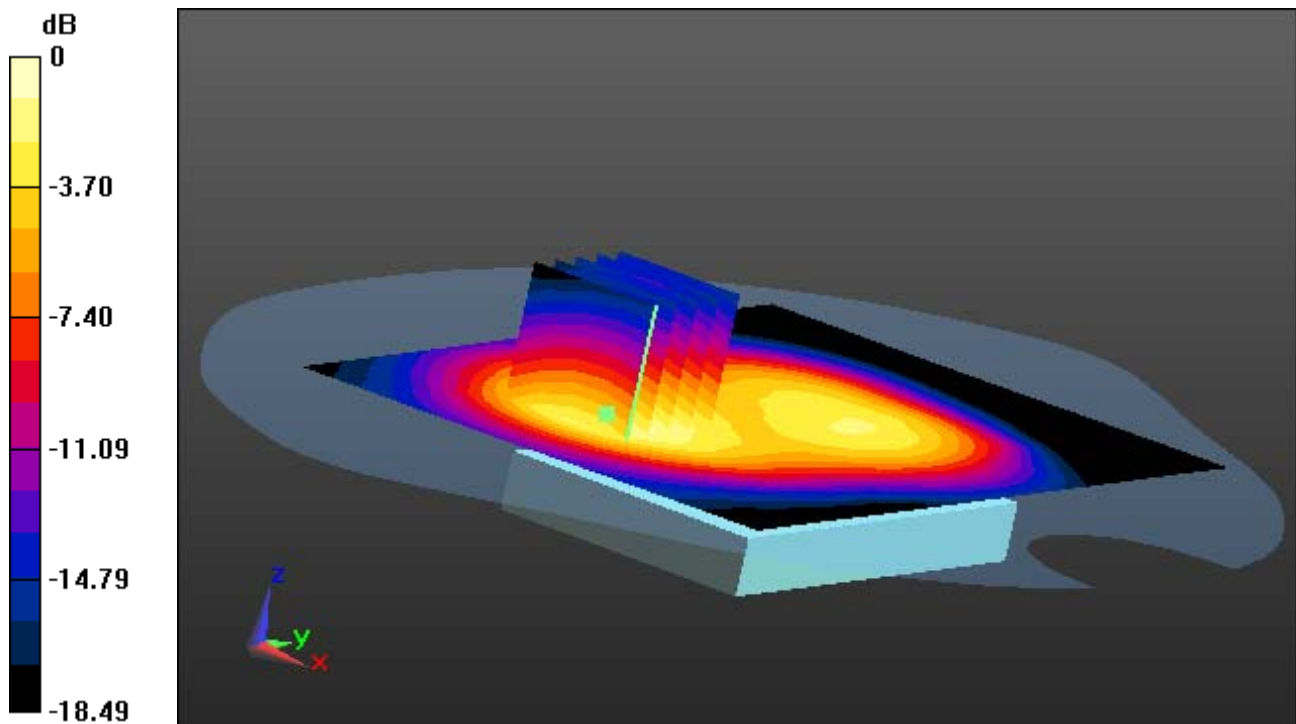
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.241 mW/g

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.414 W/kg



0 dB = 0.976 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: $f = 1880 \text{ MHz}$; $\sigma = 1.502 \text{ mho/m}$; $\epsilon_r = 53.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Front, WCDMA1900 Ch. 9400, Ant Internal

With Enlarge plot image

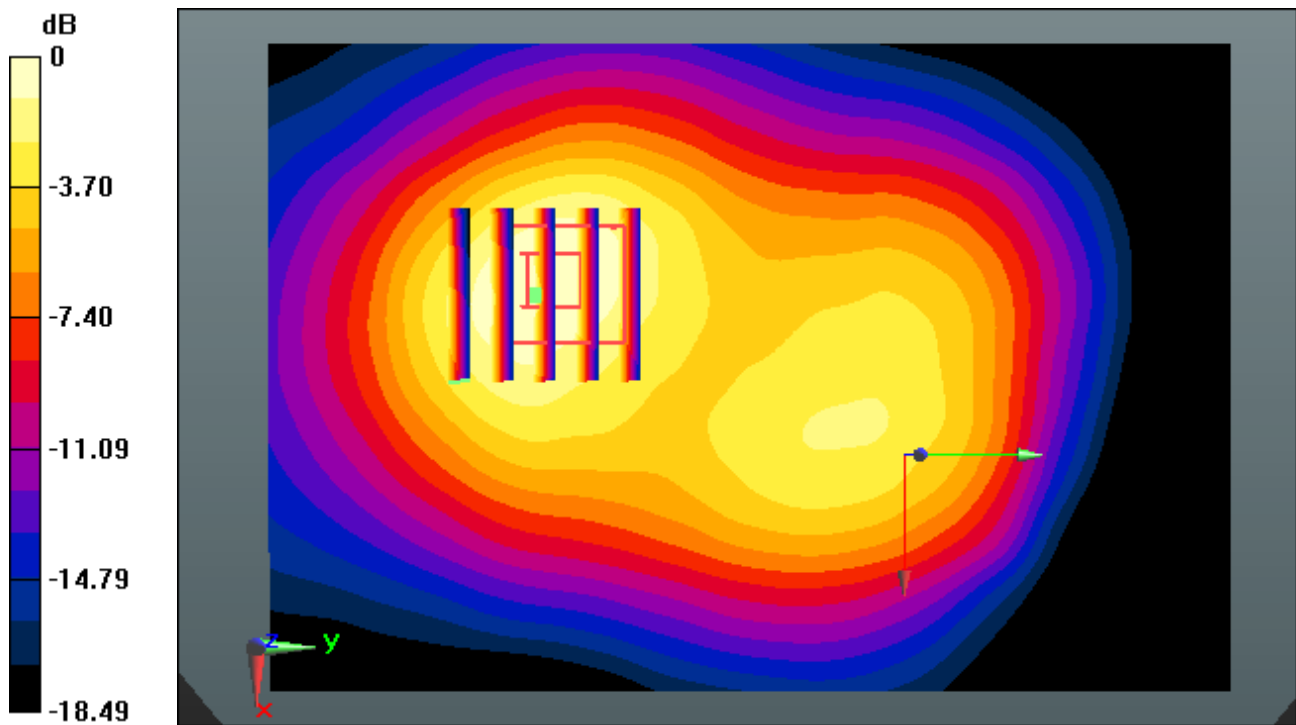
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.241 mW/g

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.414 W/kg



0 dB = 0.976 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; $\sigma = 1.475$ mho/m; $\epsilon_r = 53.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

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

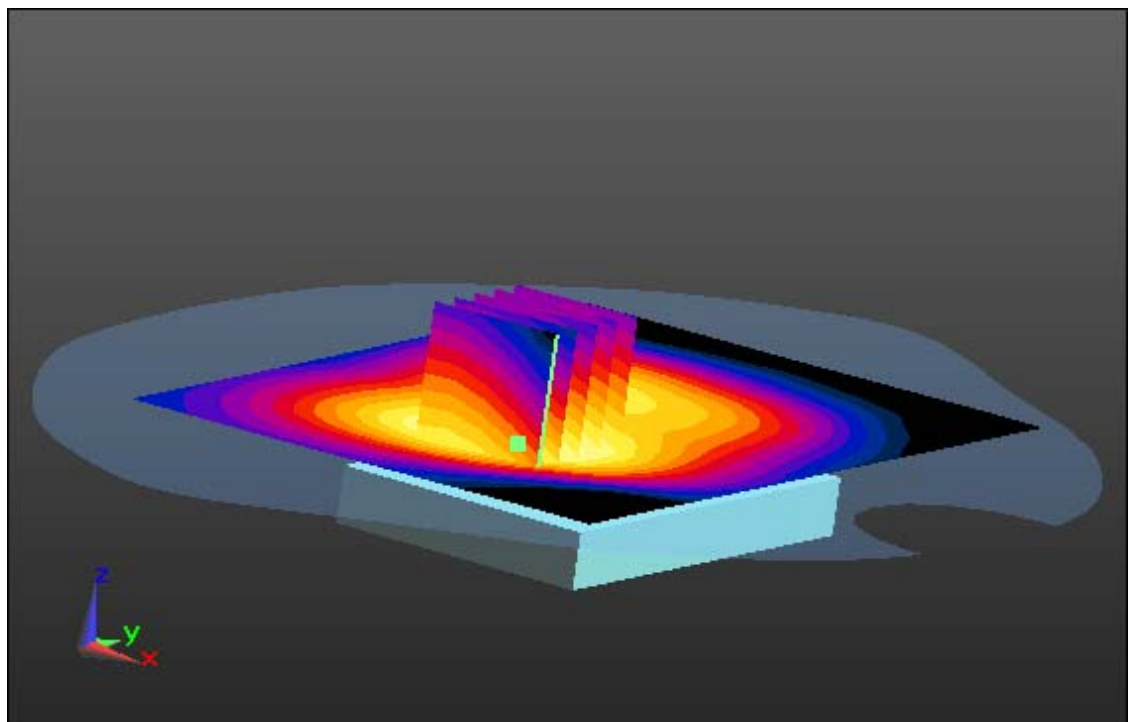
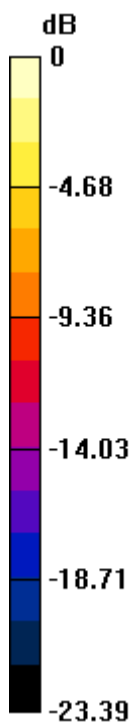
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.806 mW/g

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.567 W/kg



0 dB = 1.38 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; $\sigma = 1.475$ mho/m; $\epsilon_r = 53.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

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

With Enlarge plot image

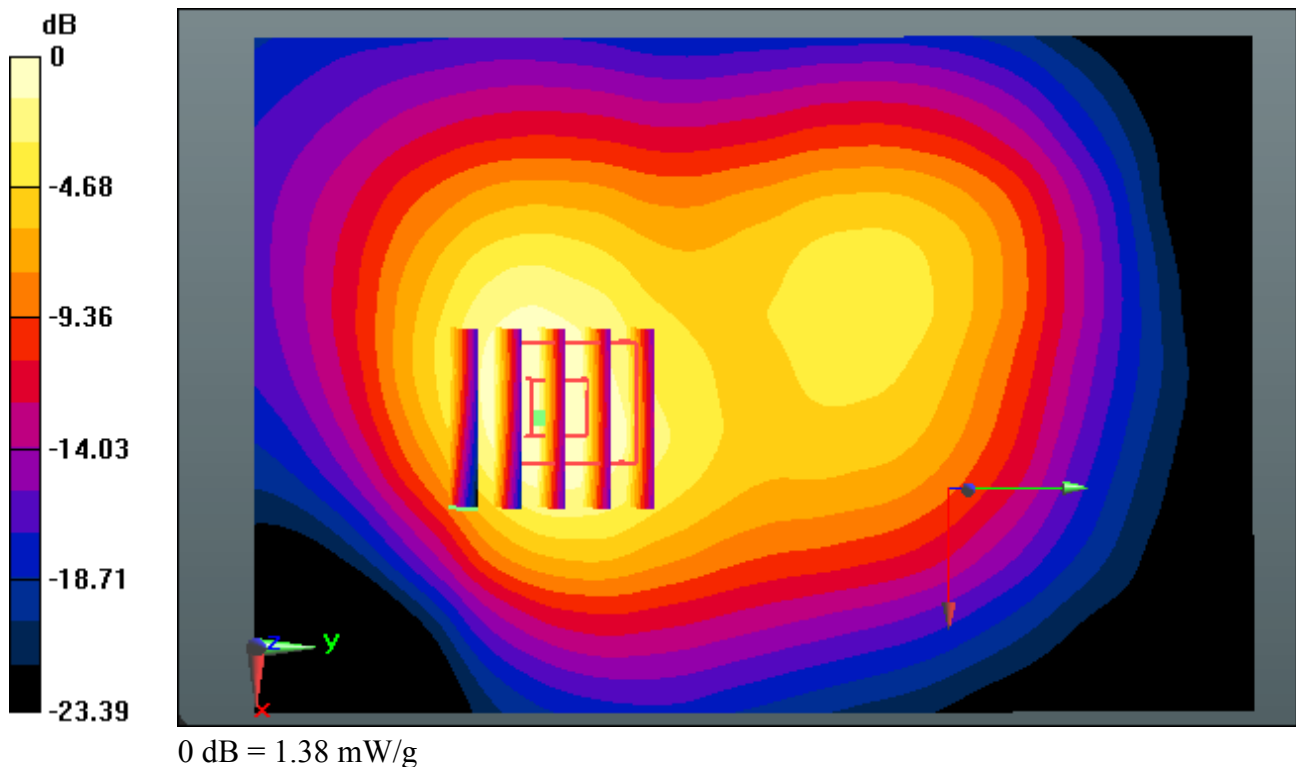
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.806 mW/g

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.567 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: $f = 1880 \text{ MHz}$; $\sigma = 1.502 \text{ mho/m}$; $\epsilon_r = 53.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

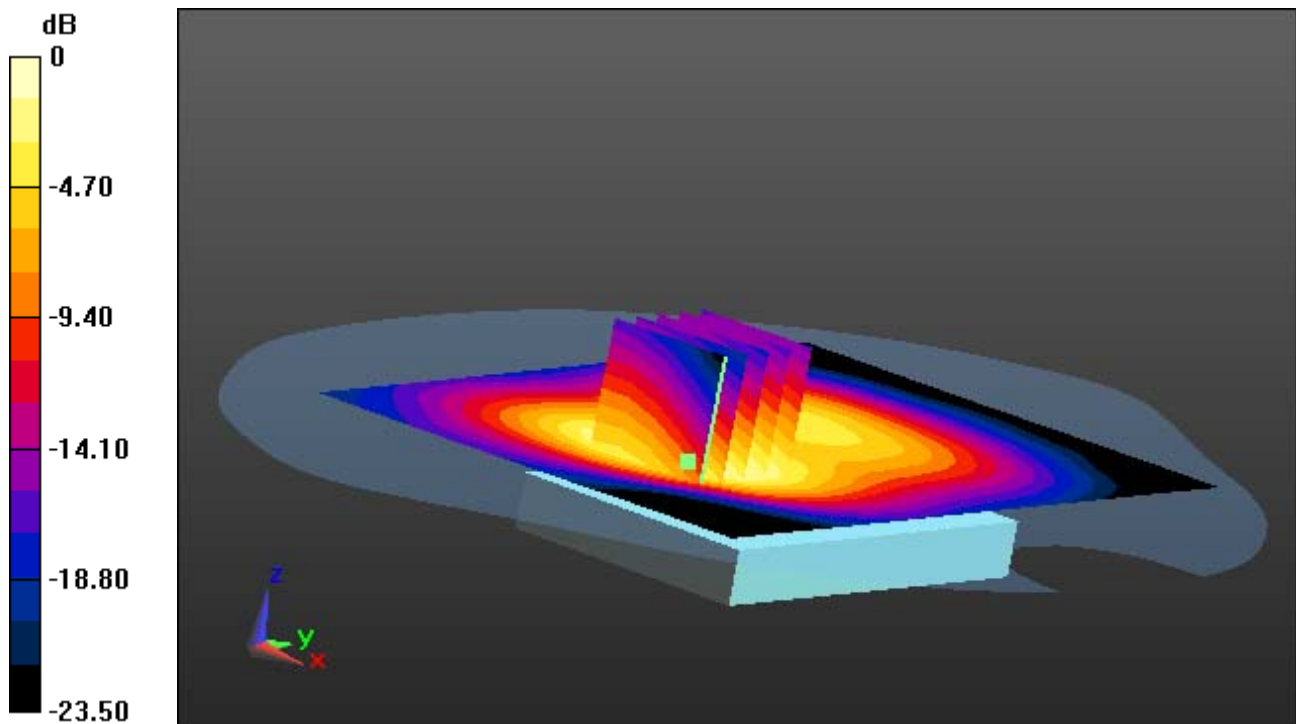
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.961 mW/g

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.599 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; $\sigma = 1.502$ mho/m; $\epsilon_r = 53.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

With Enlarge plot image

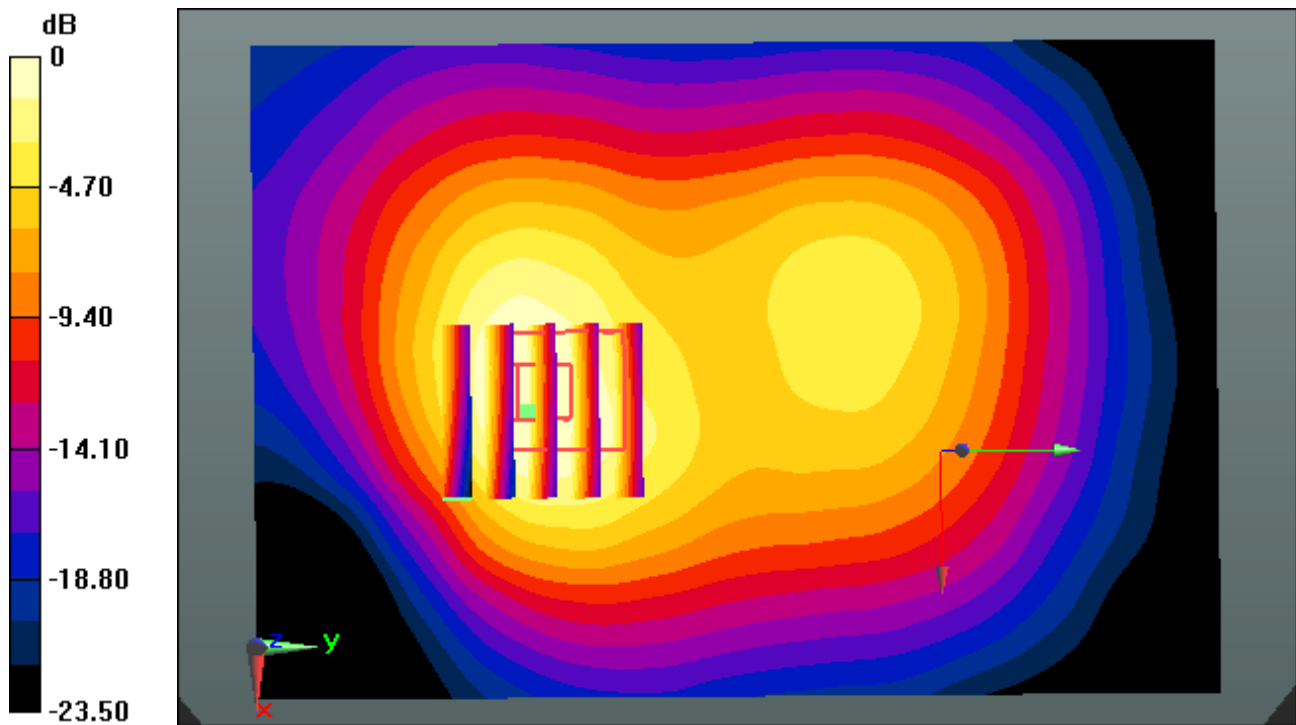
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.961 mW/g

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.599 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; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.748$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Rear, WCDMA1900 Ch. 9538, Ant Internal

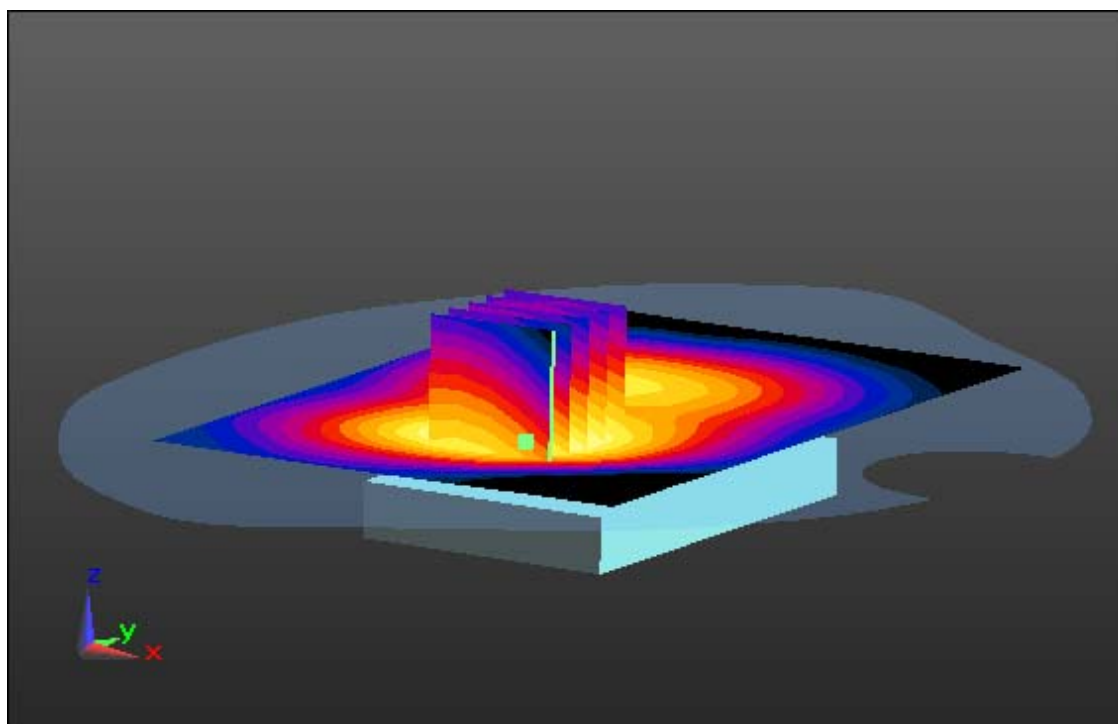
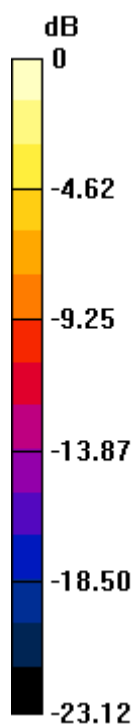
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.847 mW/g

SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.550 W/kg



0 dB = 1.39 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; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.748$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

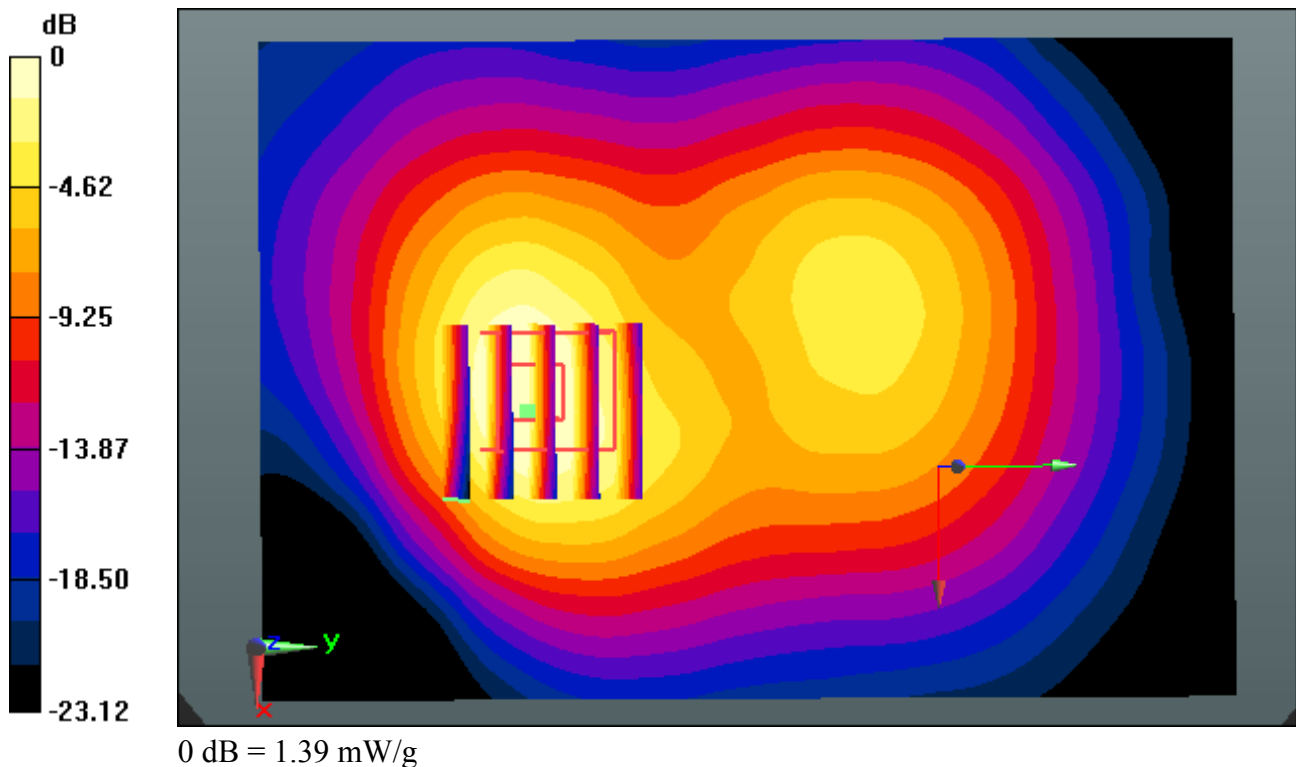
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

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

1 cm space from Body, Rear, WCDMA1900 Ch. 9538, Ant Internal

With Enlarge plot image

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.847 mW/g
SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.550 W/kg



DIGITAL EMC CO., LTD

DUT: LG-P435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 53.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Right, WCDMA1900 Ch. 9400, Ant Internal

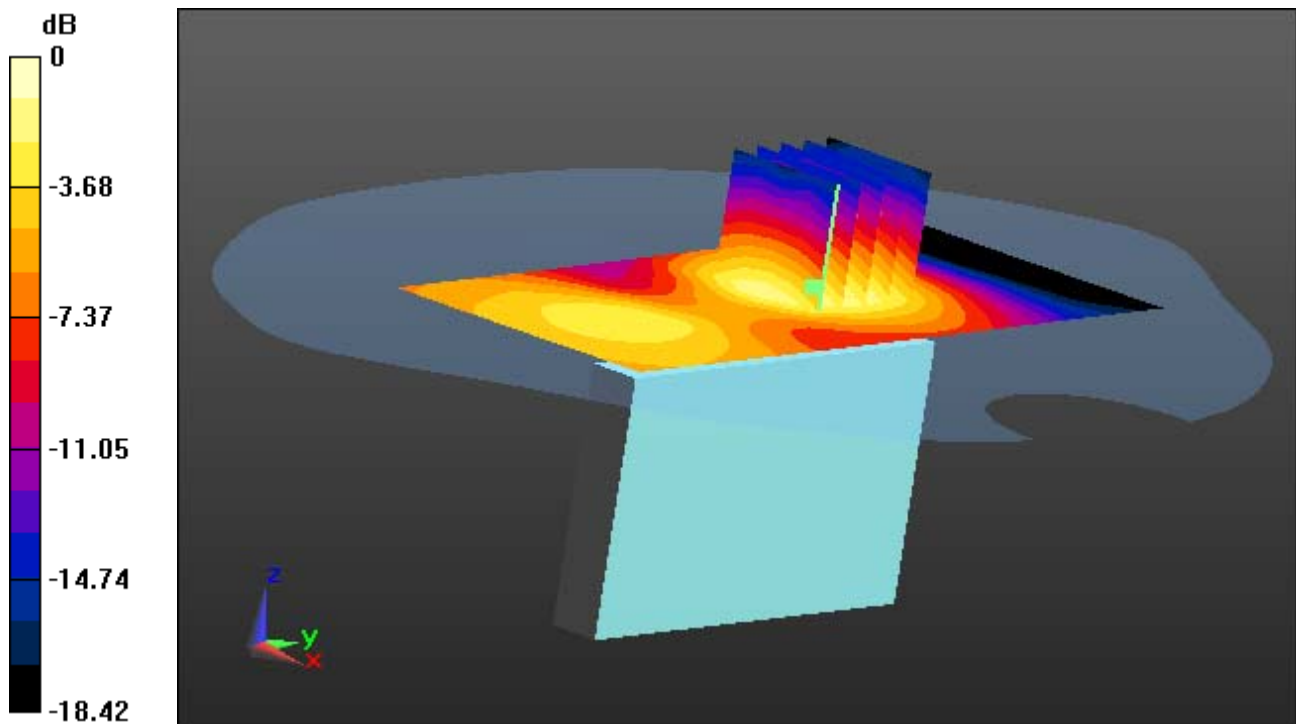
Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.321 mW/g

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.256 mW/g

DIGITAL EMC CO., LTD

DUT: LG-P435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 53.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Right, WCDMA1900 Ch. 9400, Ant Internal

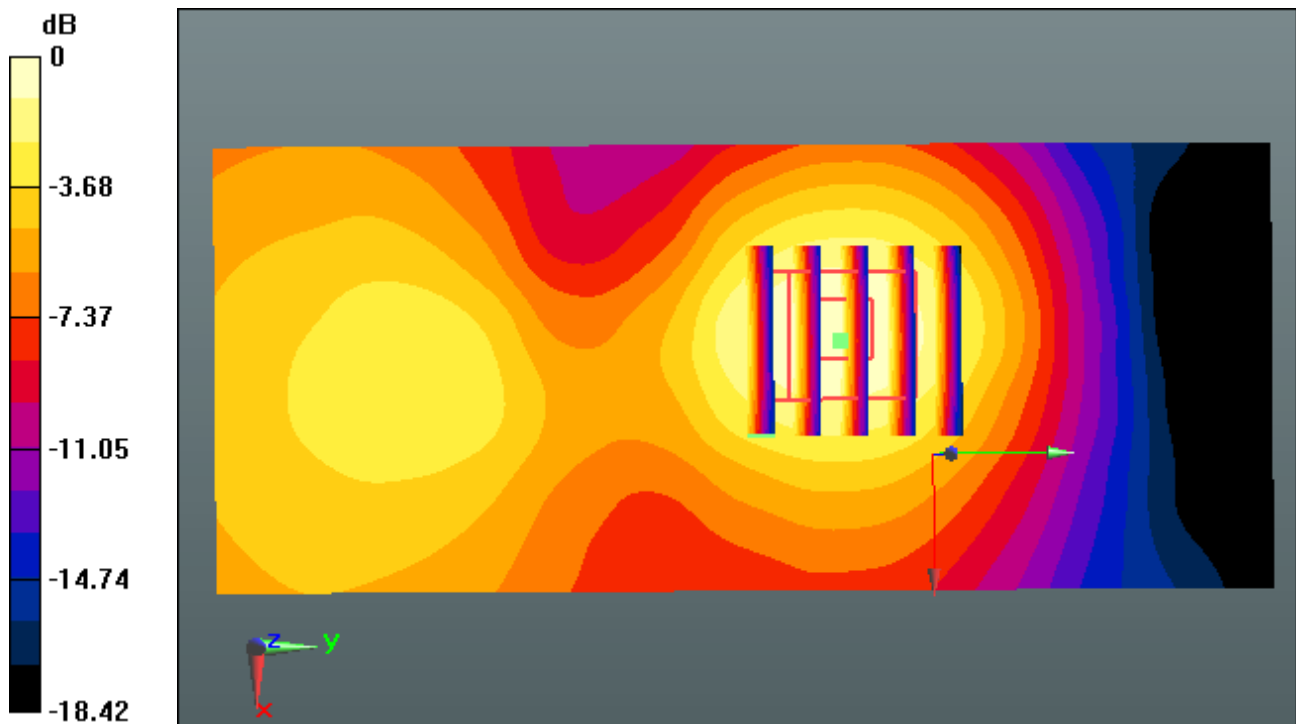
Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.321 mW/g

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.256 mW/g

DIGITAL EMC CO., LTD

DUT: LG-P435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 53.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Left, WCDMA1900 Ch. 9400, Ant Internal

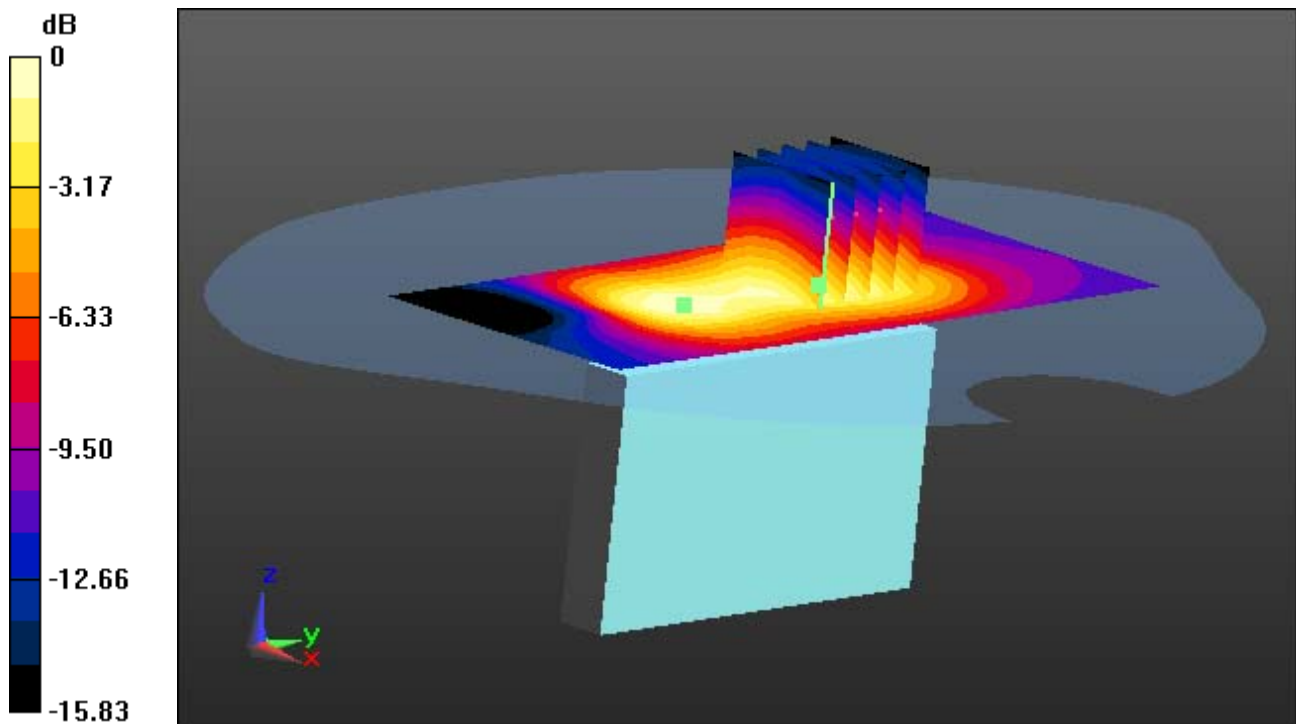
Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.646 mW/g

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.236 W/kg



0 dB = 0.525 mW/g

DIGITAL EMC CO., LTD

DUT: LG-P435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.502 \text{ mho/m}$; $\epsilon_r = 53.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Left, WCDMA1900 Ch. 9400, Ant Internal

With Enlarge plot image

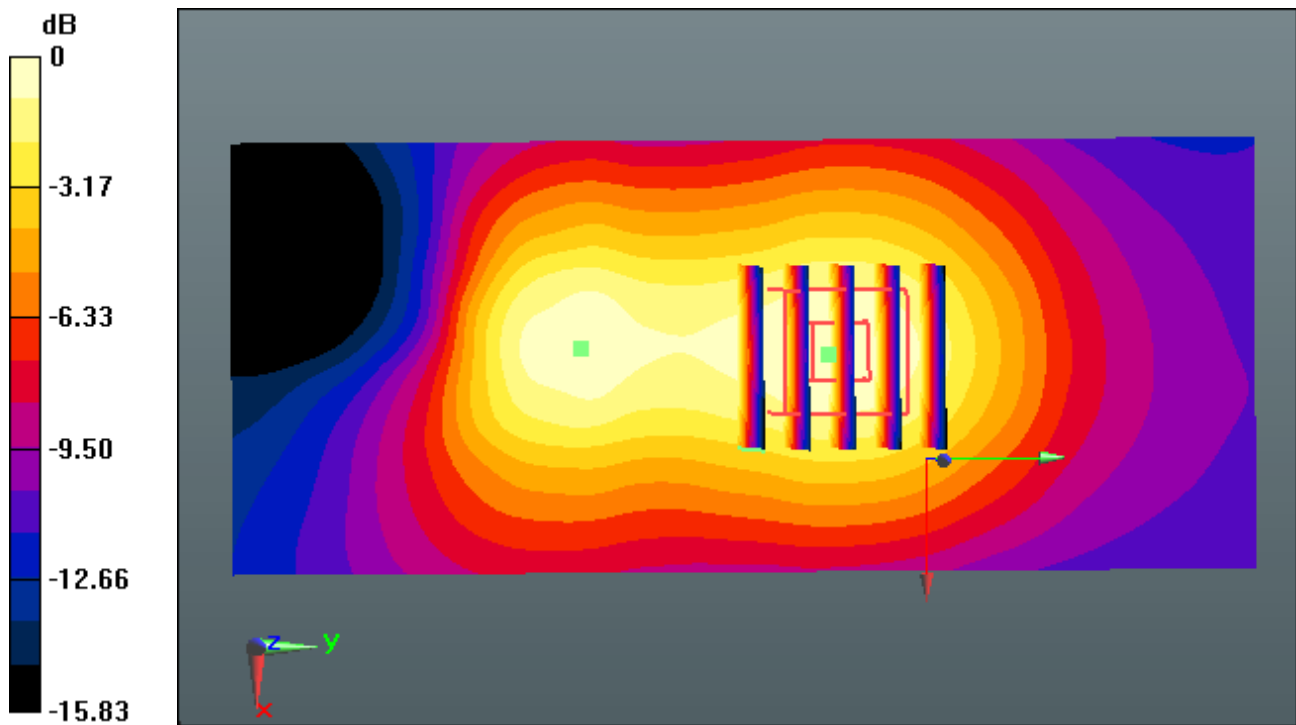
Area Scan (51x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.646 mW/g

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.236 mW/g



0 dB = 0.525 mW/g

DIGITAL EMC CO., LTD

DUT: LG-P435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 53.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Left, WCDMA1900 Ch. 9400, Ant Internal

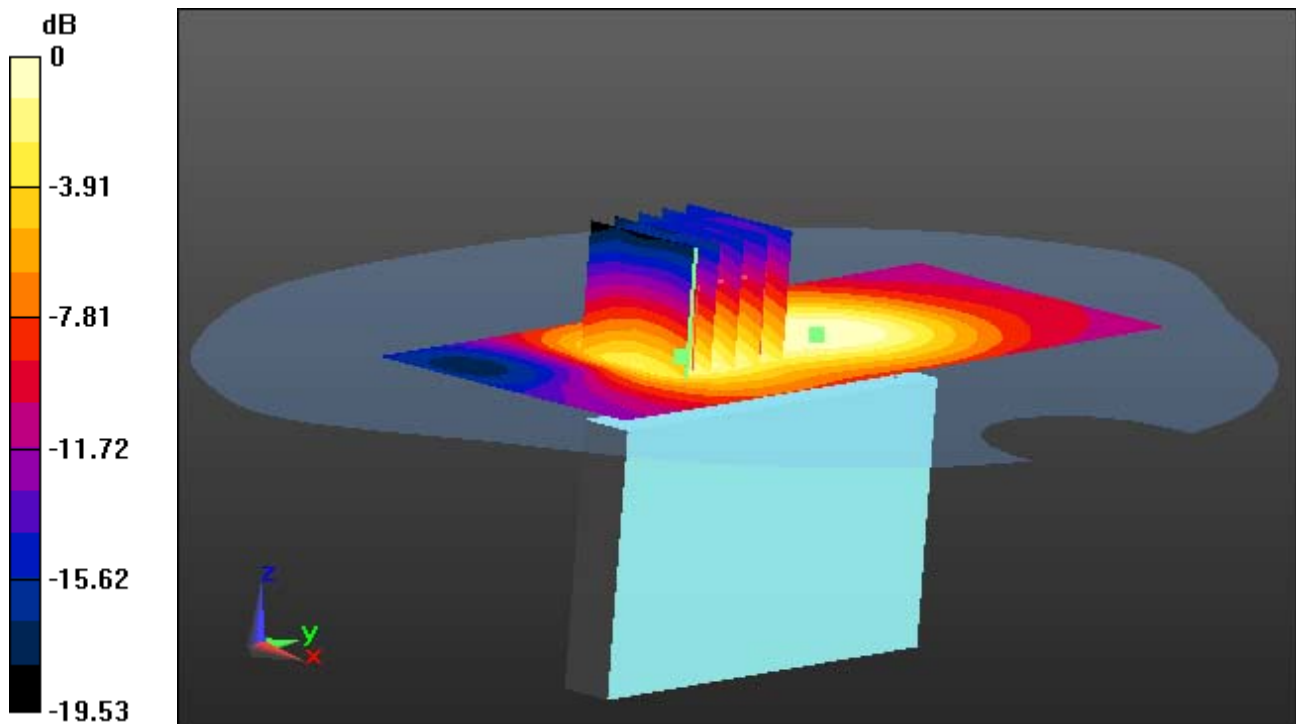
Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.635 mW/g

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.203 W/kg



0 dB = 0.500 mW/g

DIGITAL EMC CO., LTD

DUT: LG-P435g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.502 \text{ mho/m}$; $\epsilon_r = 53.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Left, WCDMA1900 Ch. 9400, Ant Internal

With Enlarge plot image

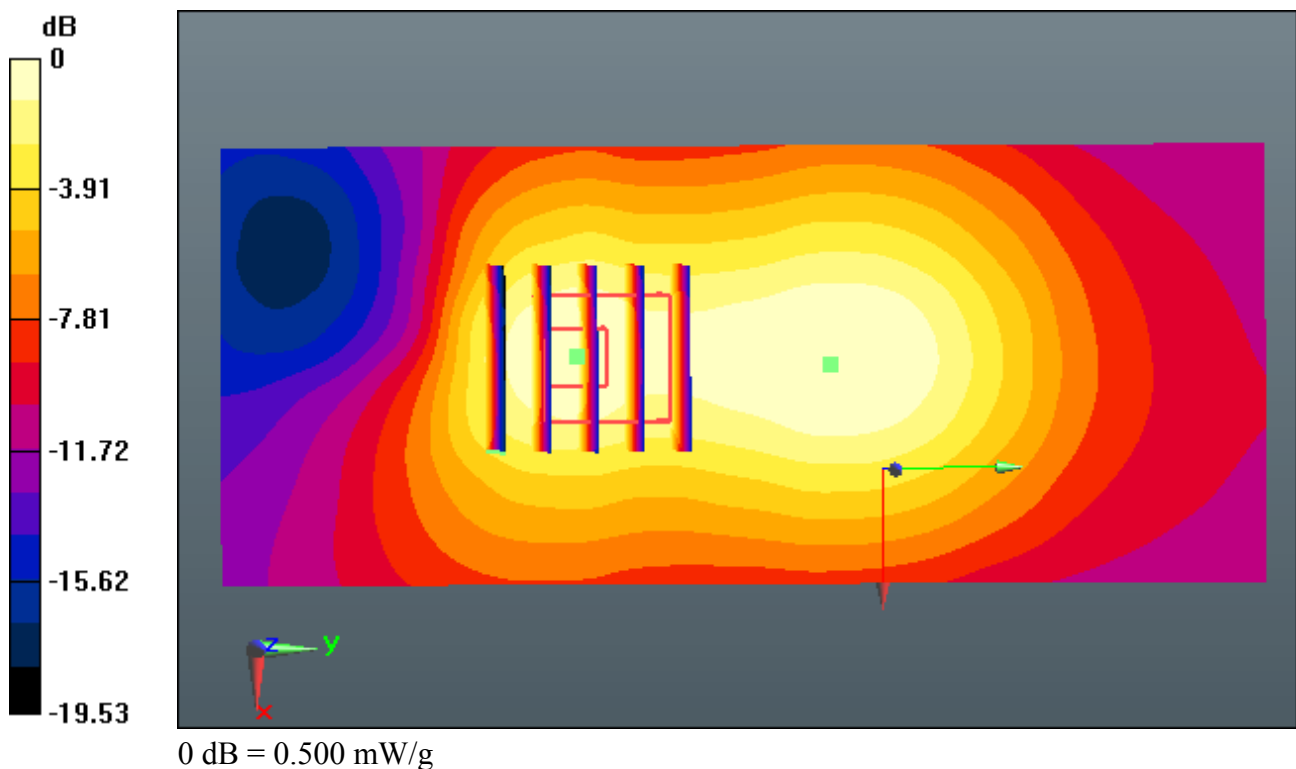
Area Scan (51x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.635 mW/g

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.203 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; $\sigma = 1.475$ mho/m; $\epsilon_r = 53.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Sim2, Rear, WCDMA1900 Ch. 9262, Ant Internal

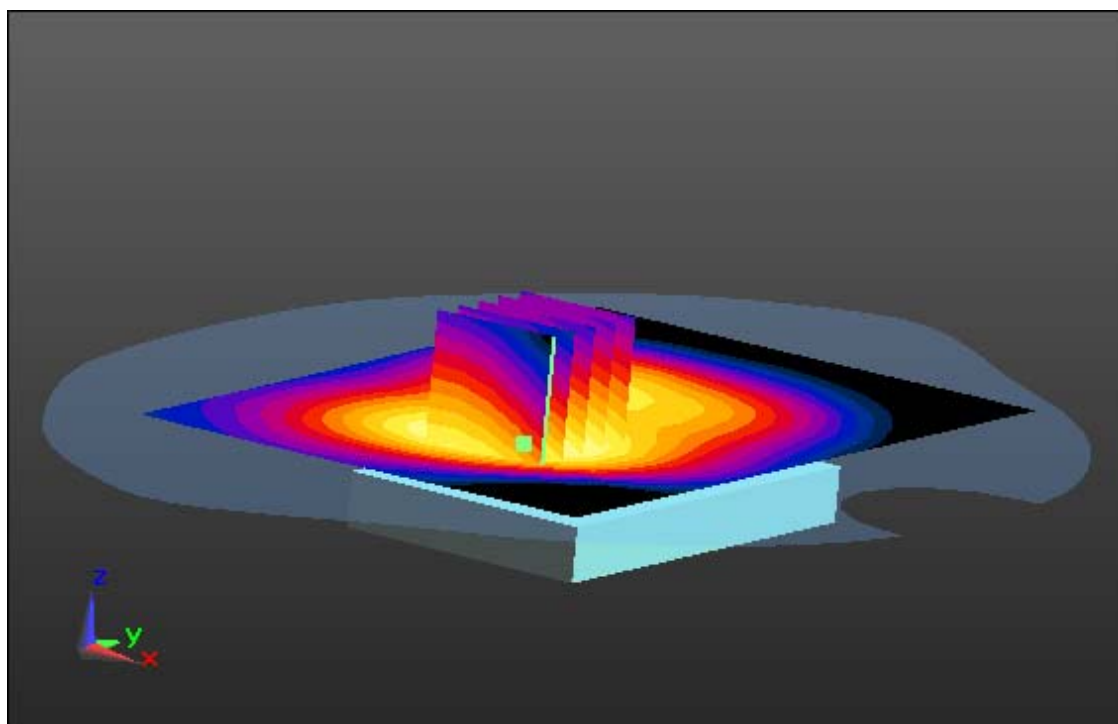
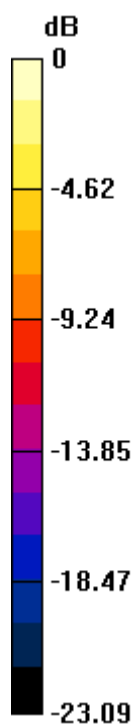
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.784 mW/g

SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.563 W/kg



0 dB = 1.36 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: $f = 1852.4 \text{ MHz}$; $\sigma = 1.475 \text{ mho/m}$; $\epsilon_r = 53.88$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Sim2, Rear, WCDMA1900 Ch. 9262, Ant Internal

With Enlarge plot image

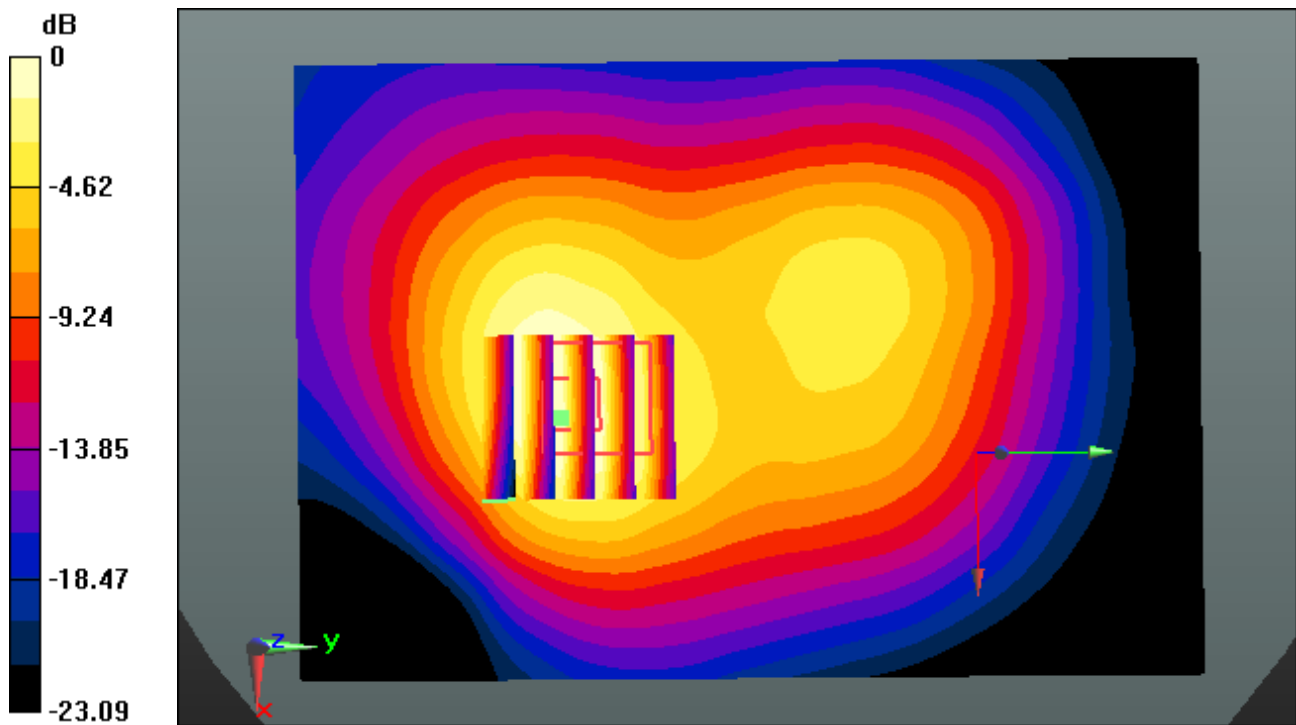
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.784 mW/g

SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.563 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: $f = 1880 \text{ MHz}$; $\sigma = 1.502 \text{ mho/m}$; $\epsilon_r = 53.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Sim2, Rear, WCDMA1900 Ch. 9400, Ant Internal

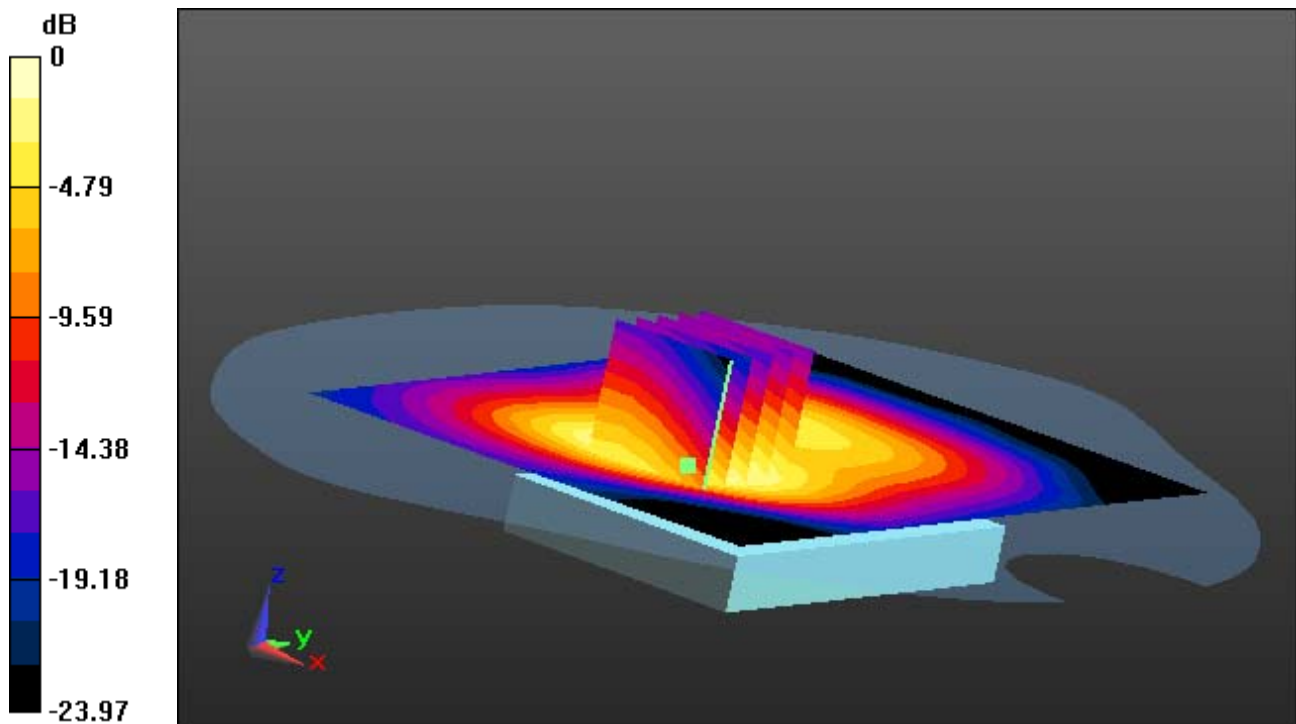
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.927 mW/g

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.592 W/kg



0 dB = 1.45 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; $\sigma = 1.502$ mho/m; $\epsilon_r = 53.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Sim2, Rear, WCDMA1900 Ch. 9400, Ant Internal

With Enlarge plot image

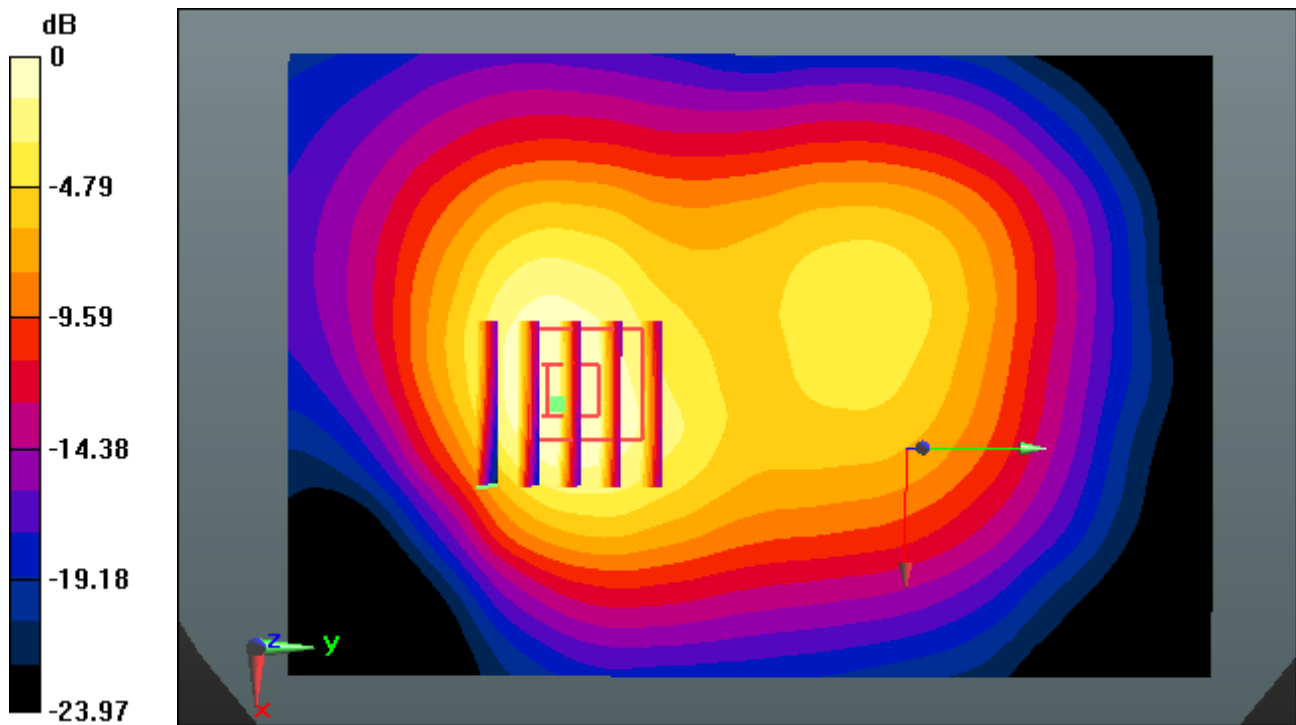
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.927 mW/g

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.592 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; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.748$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Sim2, Rear, WCDMA1900 Ch. 9538, Ant Internal

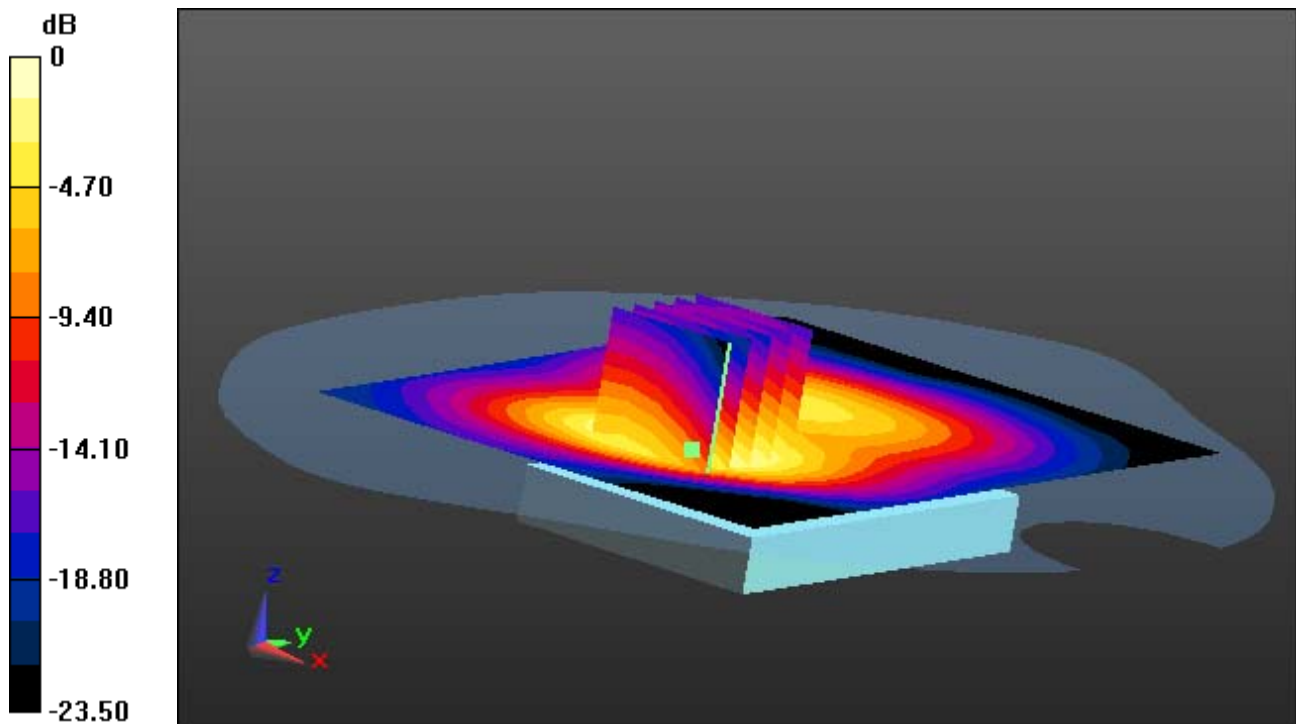
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.846 mW/g

SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.545 W/kg



0 dB = 1.38 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; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.748$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Sim2, Rear, WCDMA1900 Ch. 9538, Ant Internal

With Enlarge plot image

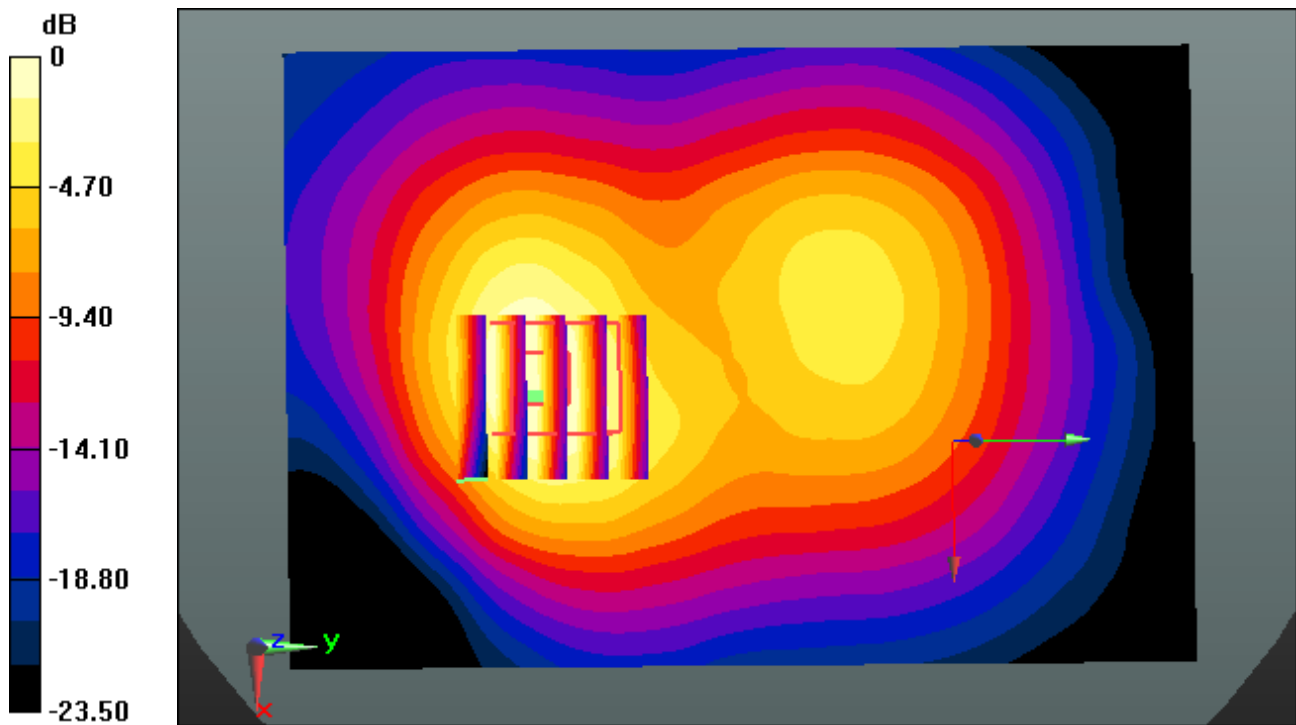
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.846 mW/g

SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.545 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: $f = 1880 \text{ MHz}$; $\sigma = 1.502 \text{ mho/m}$; $\epsilon_r = 53.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

SAR Variability Result

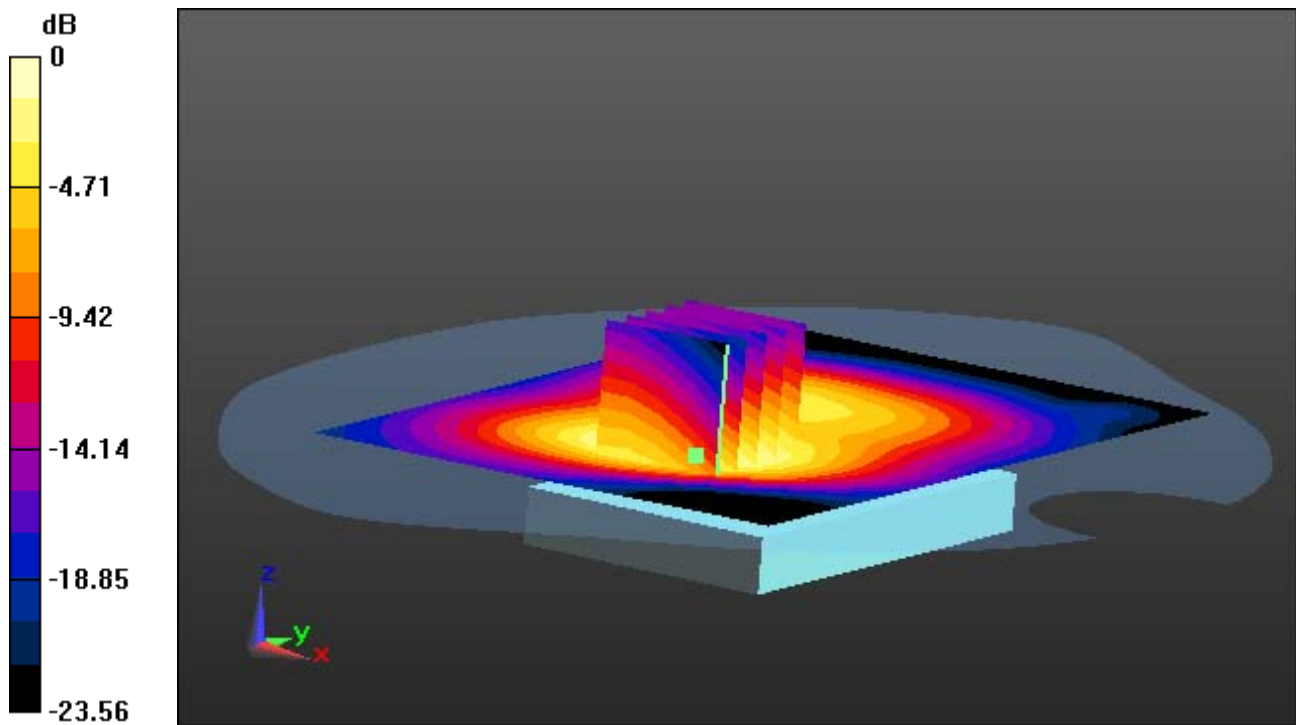
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.953 mW/g

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.597 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; $\sigma = 1.502$ mho/m; $\epsilon_r = 53.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

SAR Variability Result, With Enlarge plot image

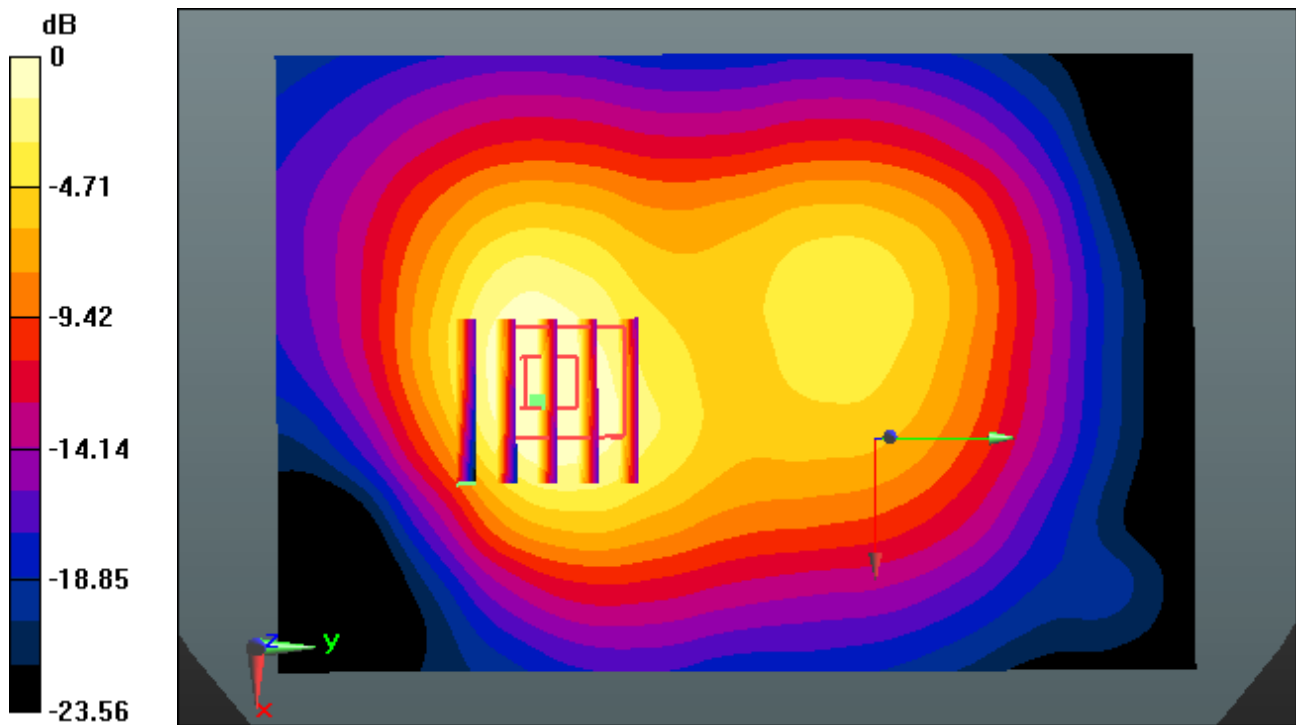
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.953 mW/g

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.597 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; $\sigma = 1.502$ mho/m; $\epsilon_r = 53.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Sim2, Rear, WCDMA1900 Ch. 9400, Ant Internal

SAR Variability Result

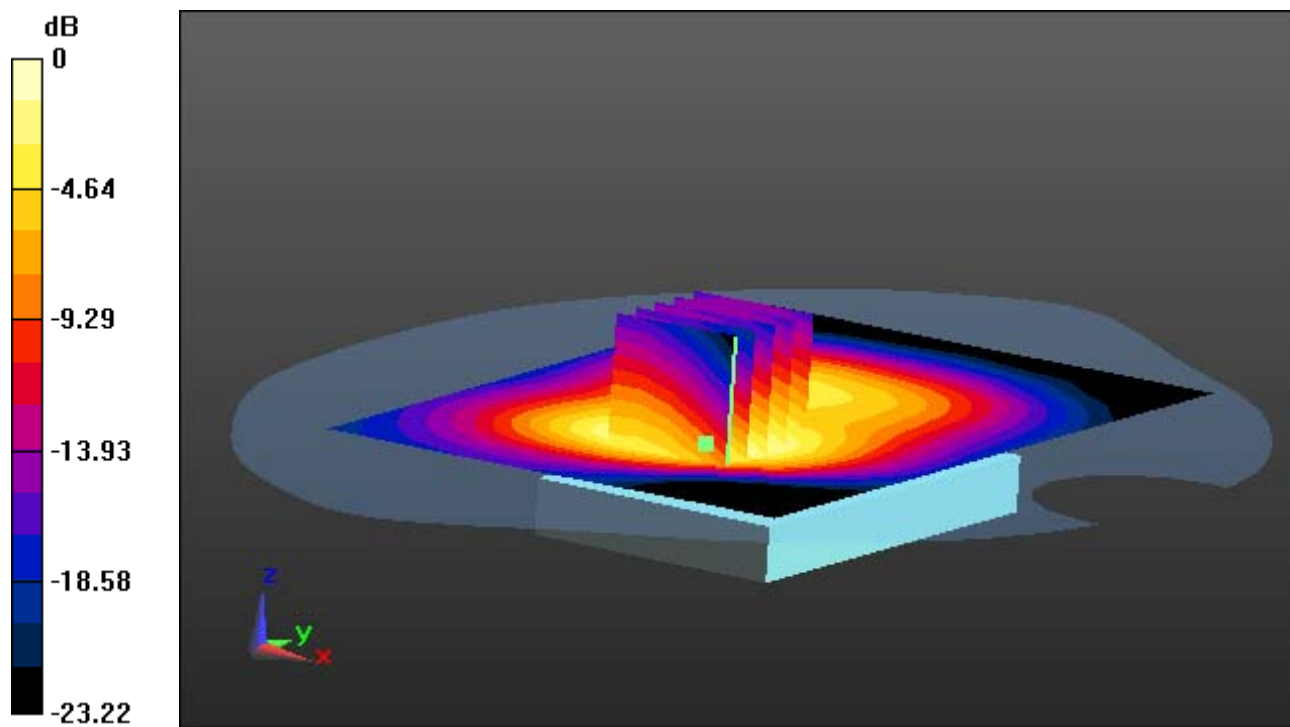
Area Scan (81x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.918 mW/g

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.589 W/kg



0 dB = 1.45 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; $\sigma = 1.502$ mho/m; $\epsilon_r = 53.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Sim2, Rear, WCDMA1900 Ch. 9400, Ant Internal

SAR Variability Result, With Enlarge plot image

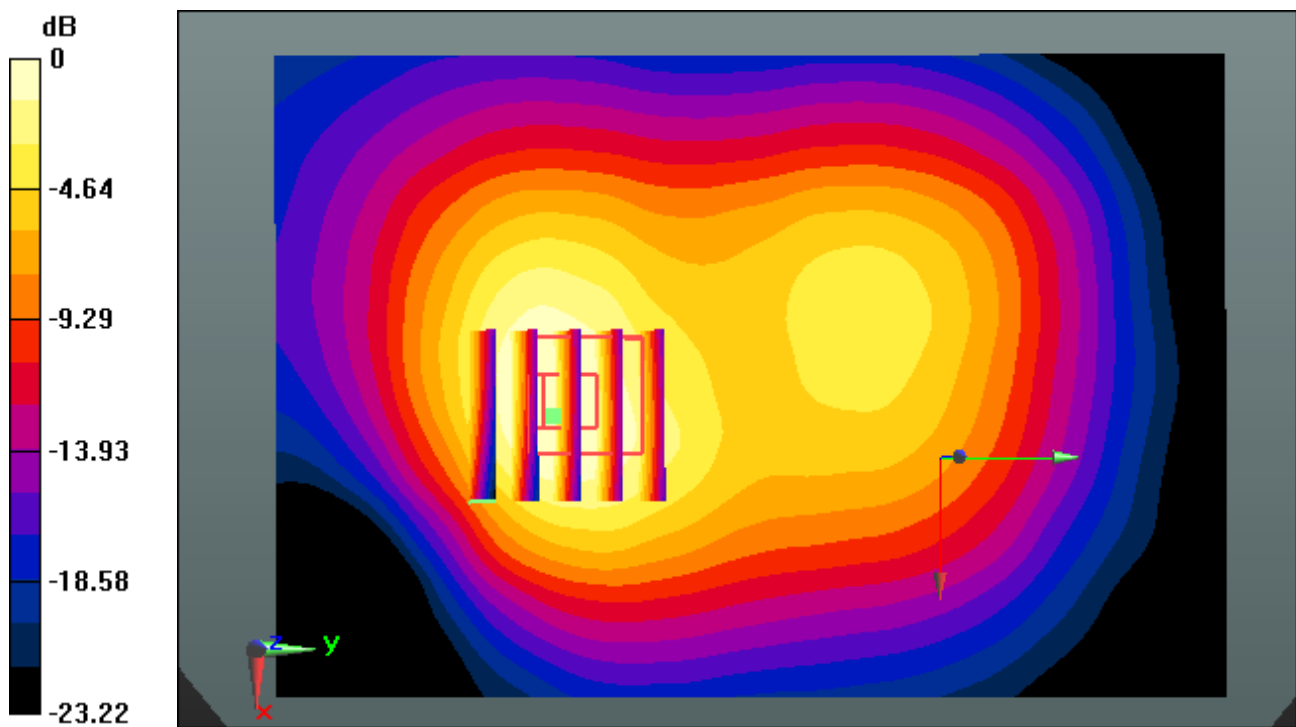
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.918 mW/g

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.589 W/kg



0 dB = 1.45 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; $\sigma = 1.502$ mho/m; $\epsilon_r = 53.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); 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

1 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

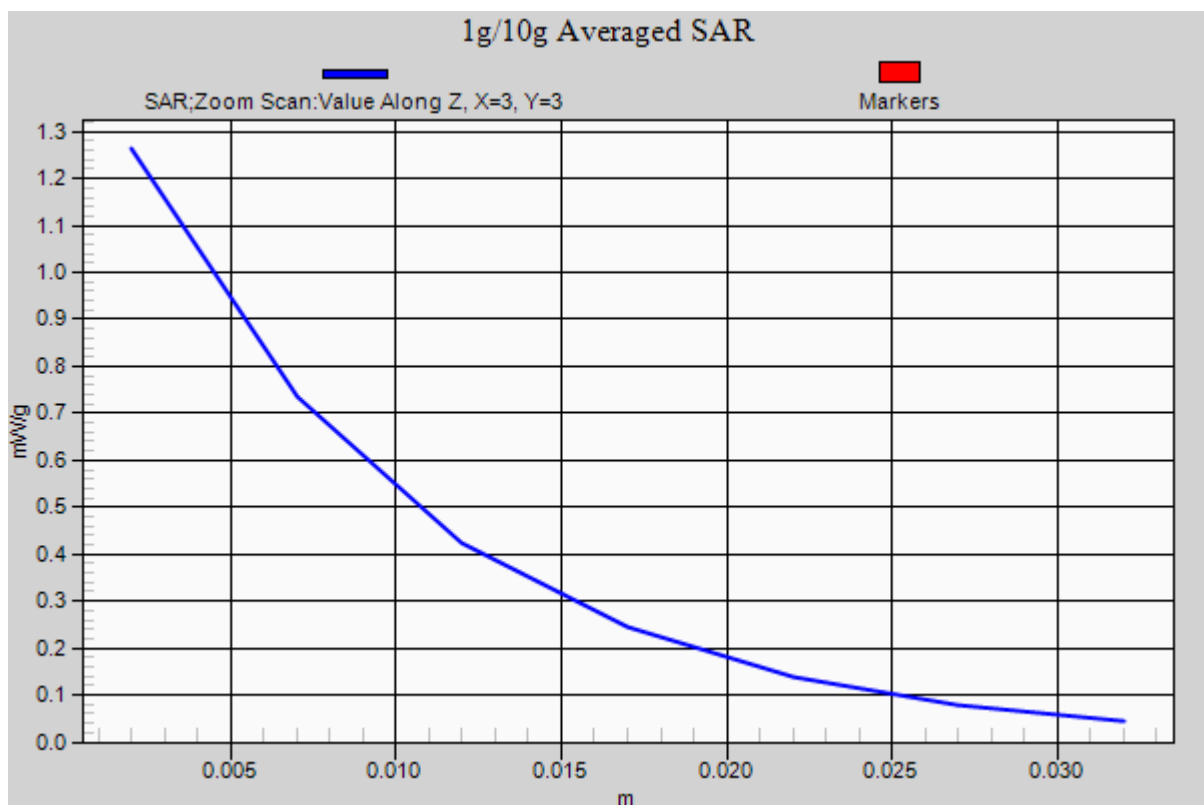
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.961 mW/g

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.599 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: $f = 2412 \text{ MHz}$; $\sigma = 1.882 \text{ mho/m}$; $\epsilon_r = 52.053$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); 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

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

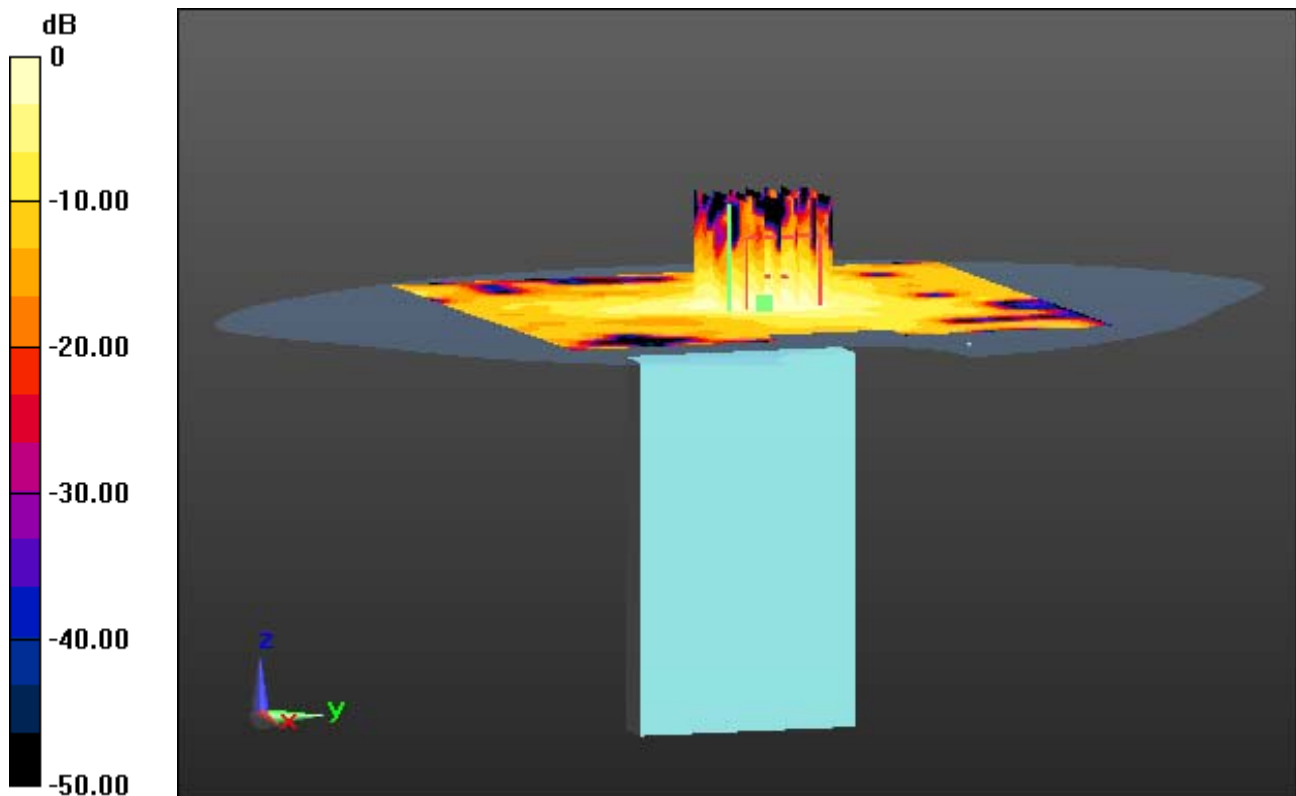
Area Scan (131x131x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.078 mW/g

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.014 W/kg



0 dB = 0.0459 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; $\sigma = 1.882$ mho/m; $\epsilon_r = 52.053$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

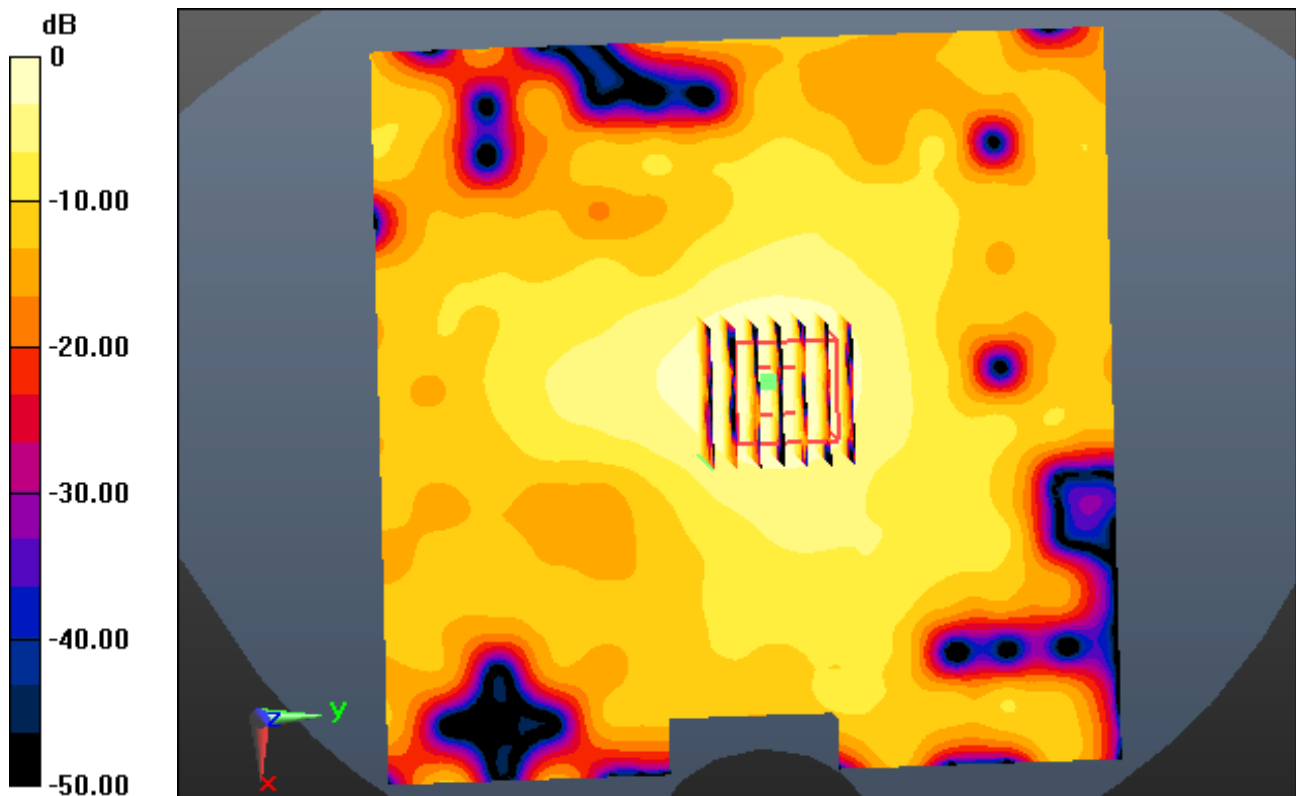
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

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

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

With Enlarge plot image

Area Scan (131x131x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.078 mW/g
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.014 W/kg



0 dB = 0.0459 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; $\sigma = 1.882$ mho/m; $\epsilon_r = 52.053$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); 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

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

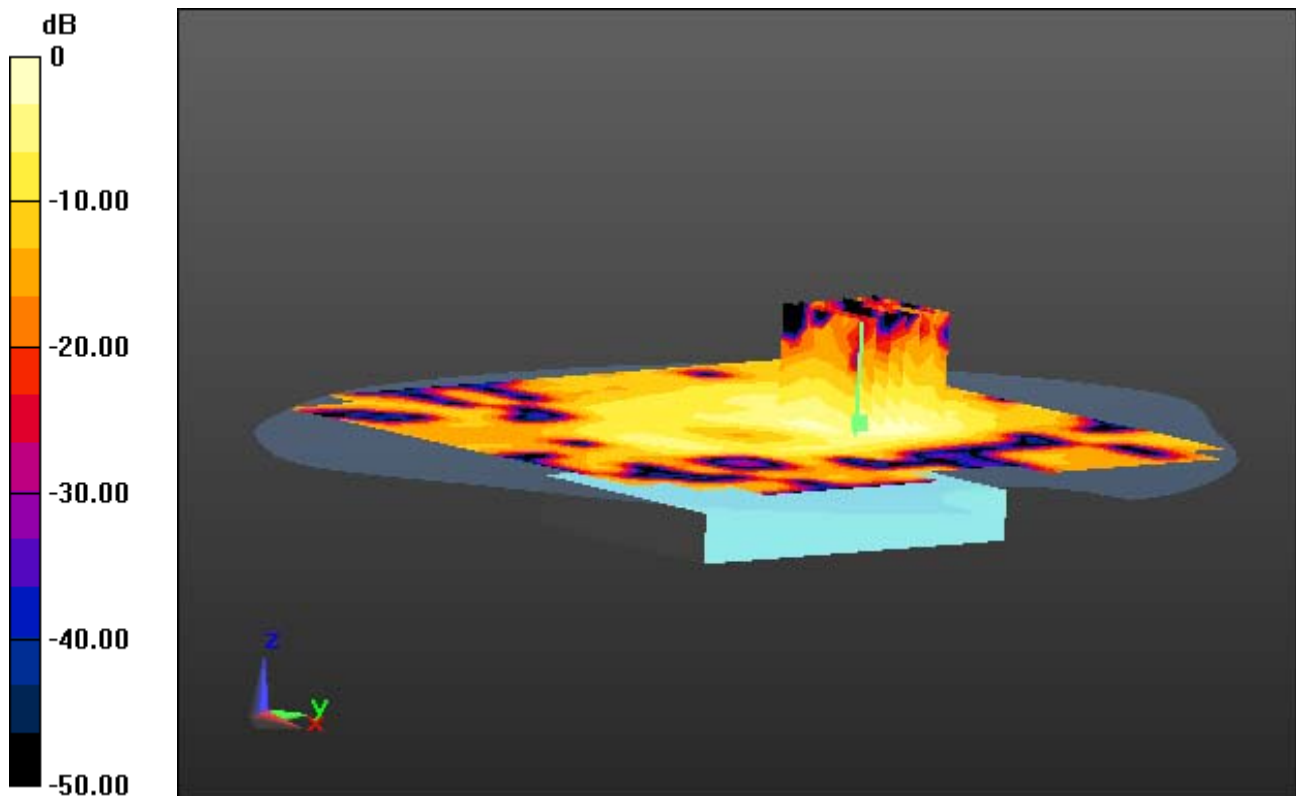
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.088 mW/g

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.0623 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; $\sigma = 1.882$ mho/m; $\epsilon_r = 52.053$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); 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

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

With Enlarge plot image

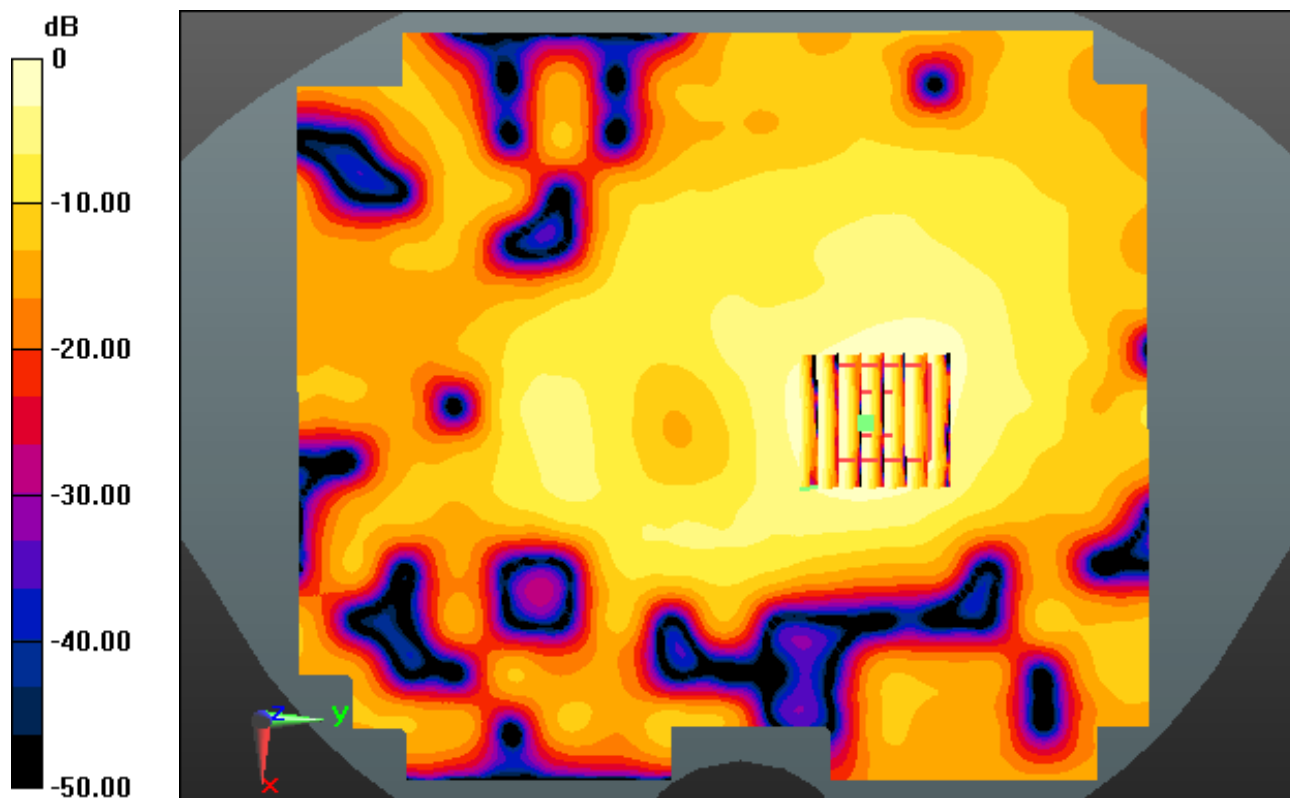
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.088 mW/g

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.0623 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: $f = 2412 \text{ MHz}$; $\sigma = 1.882 \text{ mho/m}$; $\epsilon_r = 52.053$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); 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

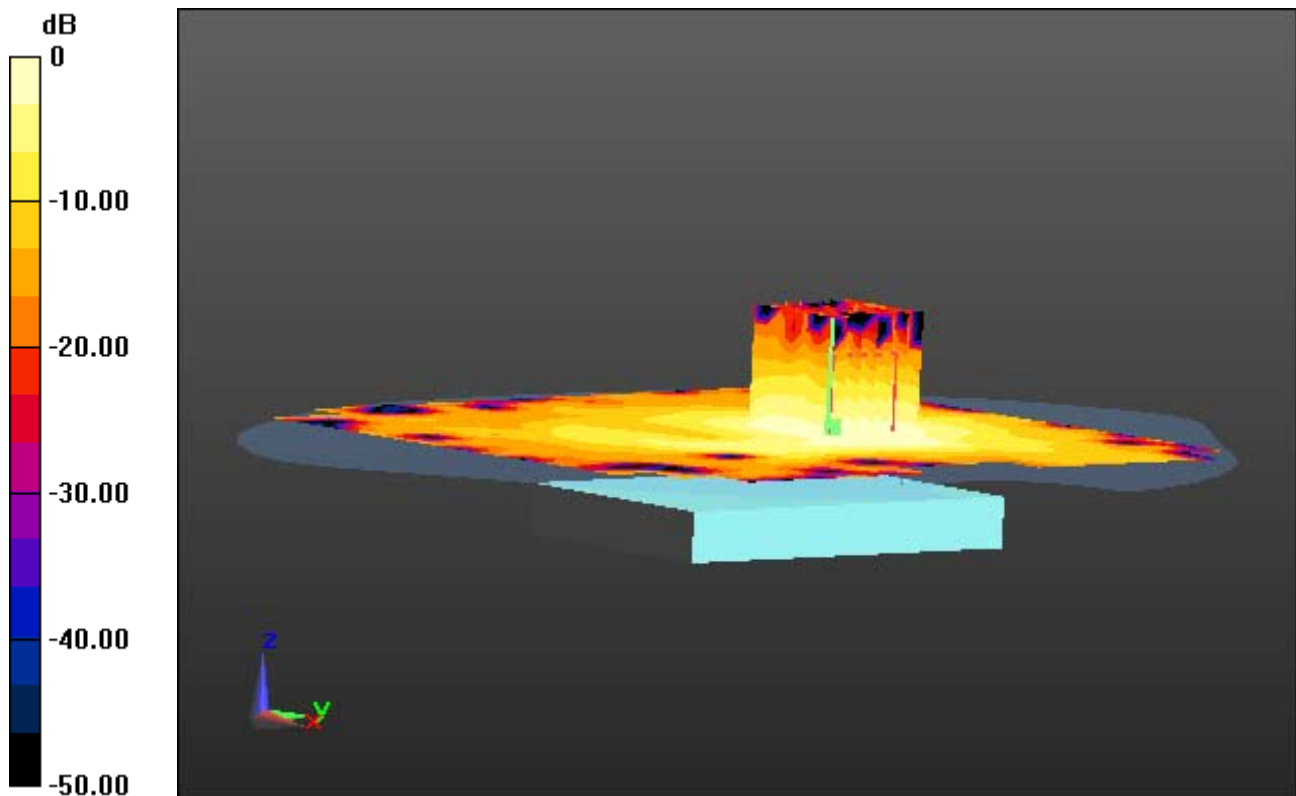
1 cm space from Body, Rear, W-LAN(802.11b) Ch. 1, Ant Internal

Area Scan (141x161x1): 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 = -0.15 dB

Peak SAR (extrapolated) = 0.116 mW/g

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.030 W/kg



0 dB = 0.0841 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; $\sigma = 1.882$ mho/m; $\epsilon_r = 52.053$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

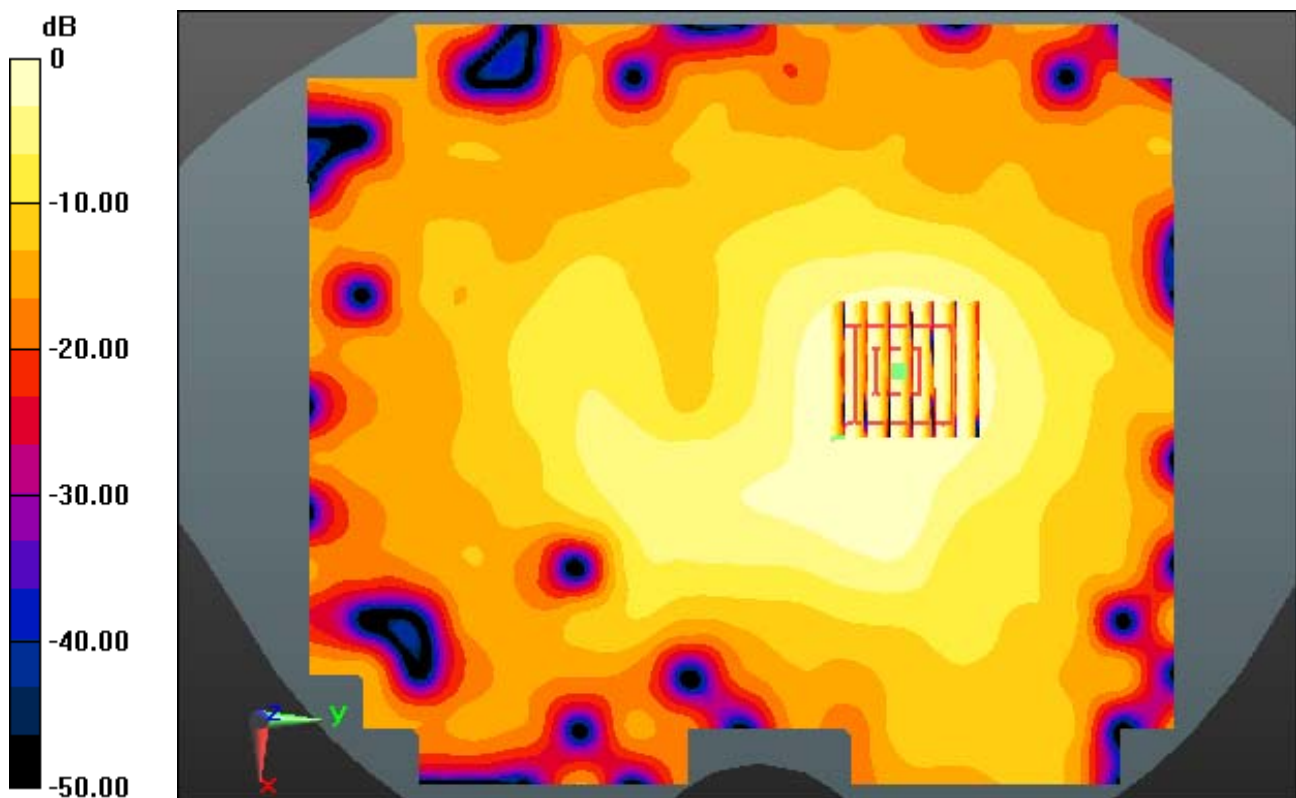
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

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

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

With Enlarge plot image

Area Scan (141x161x1): 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 = -0.15 dB
Peak SAR (extrapolated) = 0.116 mW/g
SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.030 W/kg



0 dB = 0.0841 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: $f = 2437 \text{ MHz}$; $\sigma = 1.914 \text{ mho/m}$; $\epsilon_r = 52.025$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); 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

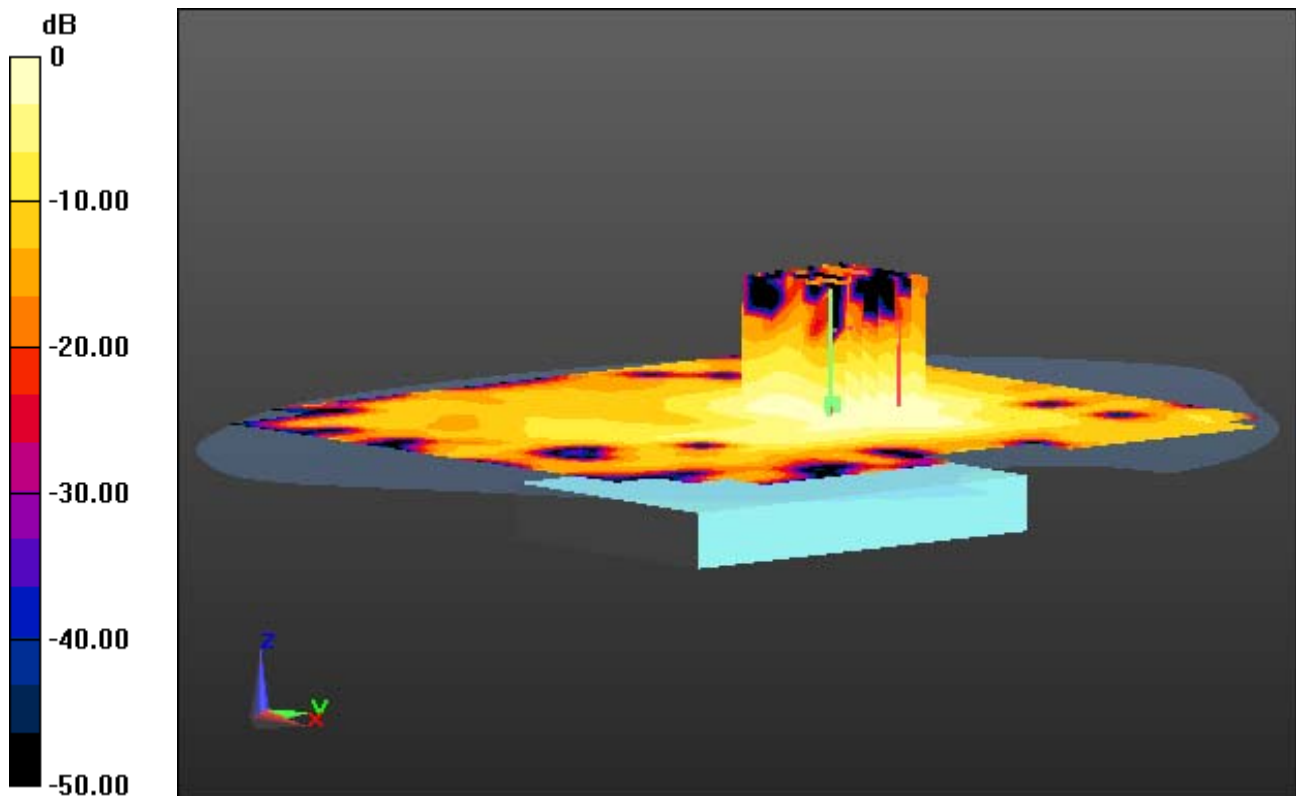
1 cm space from Body, Rear, W-LAN(802.11b) Ch. 6, Ant Internal

Area Scan (141x161x1): 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 = -0.02 dB

Peak SAR (extrapolated) = 0.077 mW/g

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.019 W/kg



0 dB = 0.0537 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: $f = 2437$ MHz; $\sigma = 1.914$ mho/m; $\epsilon_r = 52.025$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

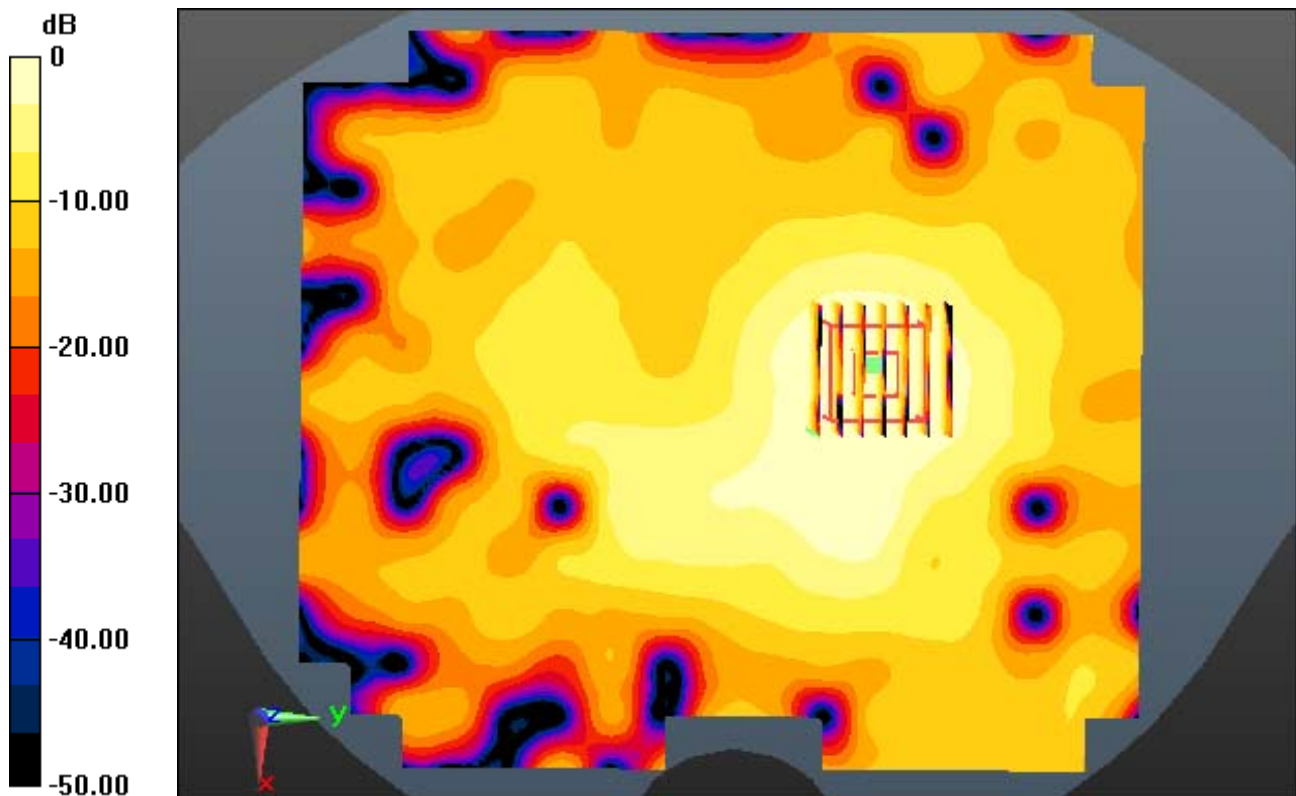
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

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

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 6, Ant Internal

With Enlarge plot image

Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.077 mW/g
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.019 W/kg



0 dB = 0.0537 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: $f = 2462 \text{ MHz}$; $\sigma = 1.948 \text{ mho/m}$; $\epsilon_r = 51.971$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); 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

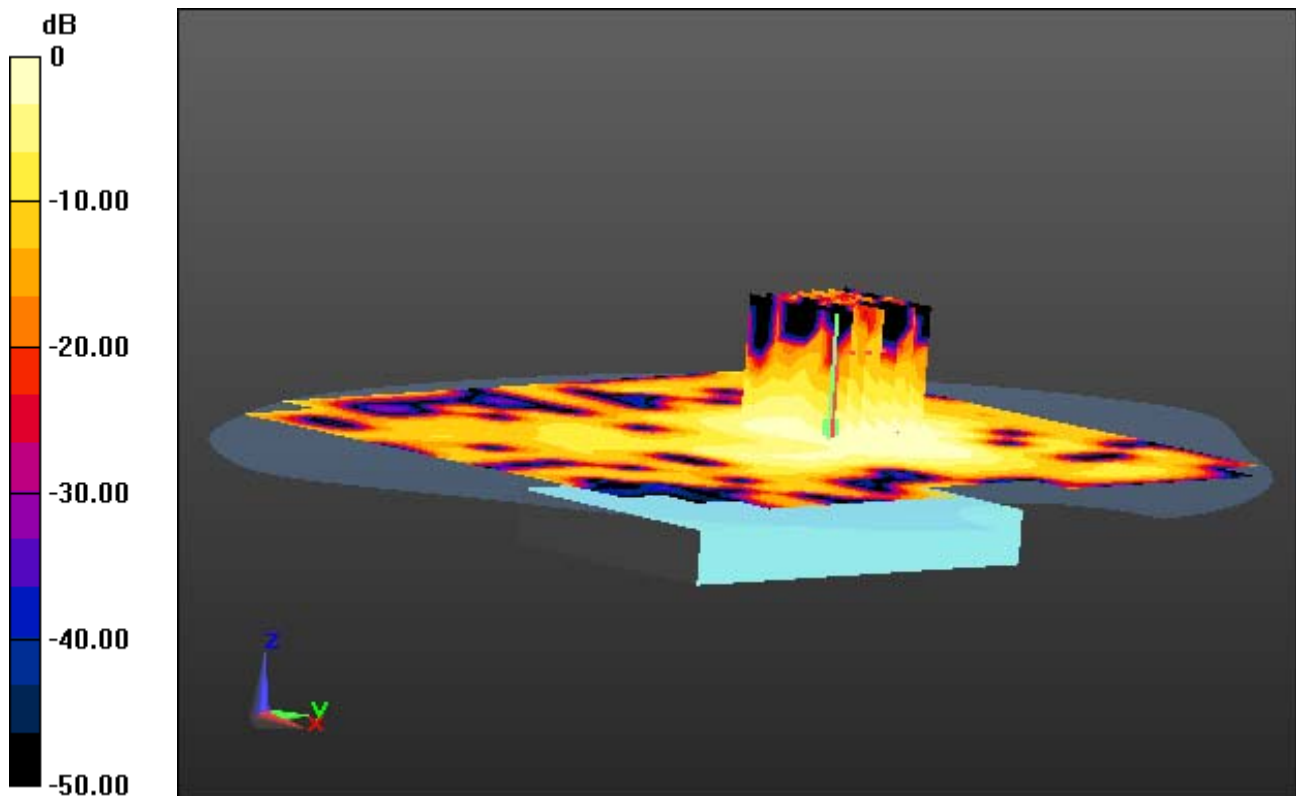
1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal

Area Scan (141x161x1): 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 = 0.15 dB

Peak SAR (extrapolated) = 0.055 mW/g

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.013 mW/g



0 dB = 0.0378 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: $f = 2462$ MHz; $\sigma = 1.948$ mho/m; $\epsilon_r = 51.971$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

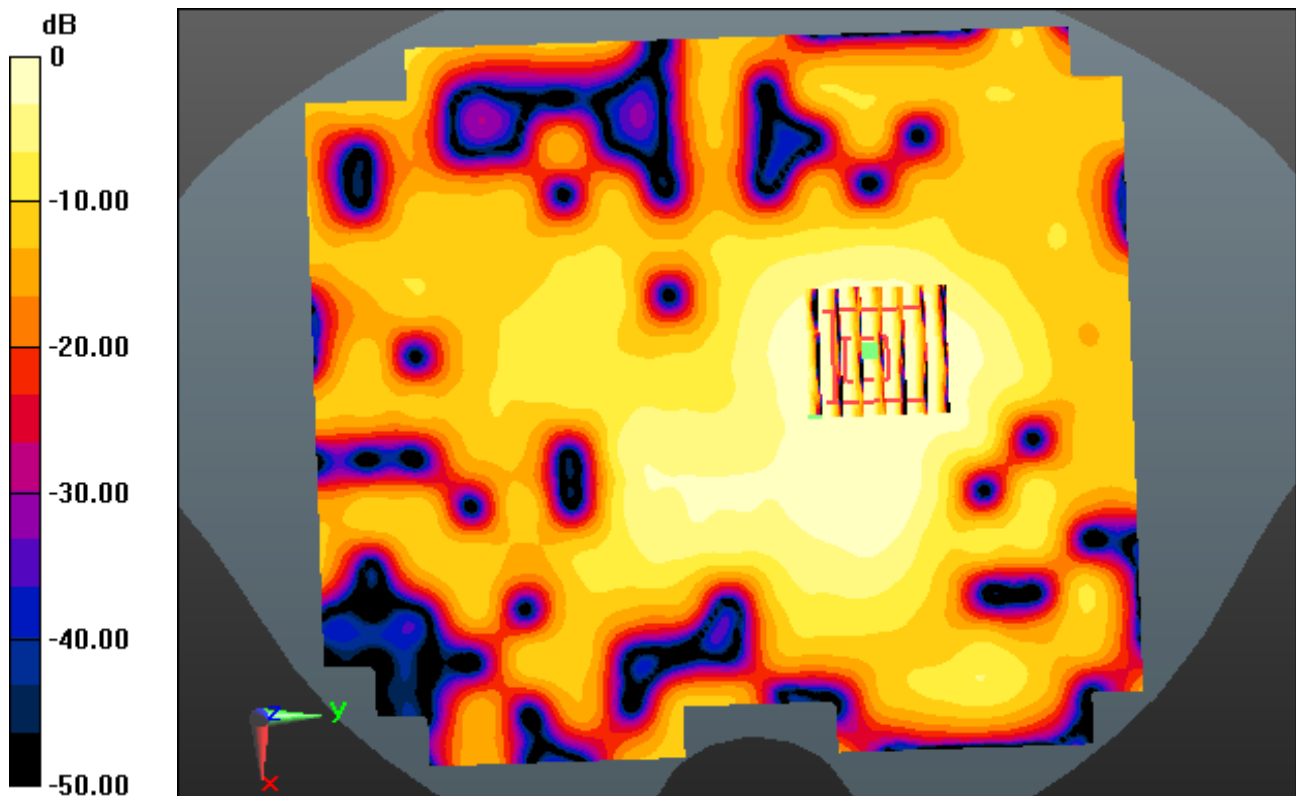
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

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

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

With Enlarge plot image

Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.055 mW/g
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.013 mW/g



0 dB = 0.0378 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: $f = 2412 \text{ MHz}$; $\sigma = 1.882 \text{ mho/m}$; $\epsilon_r = 52.053$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); 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

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

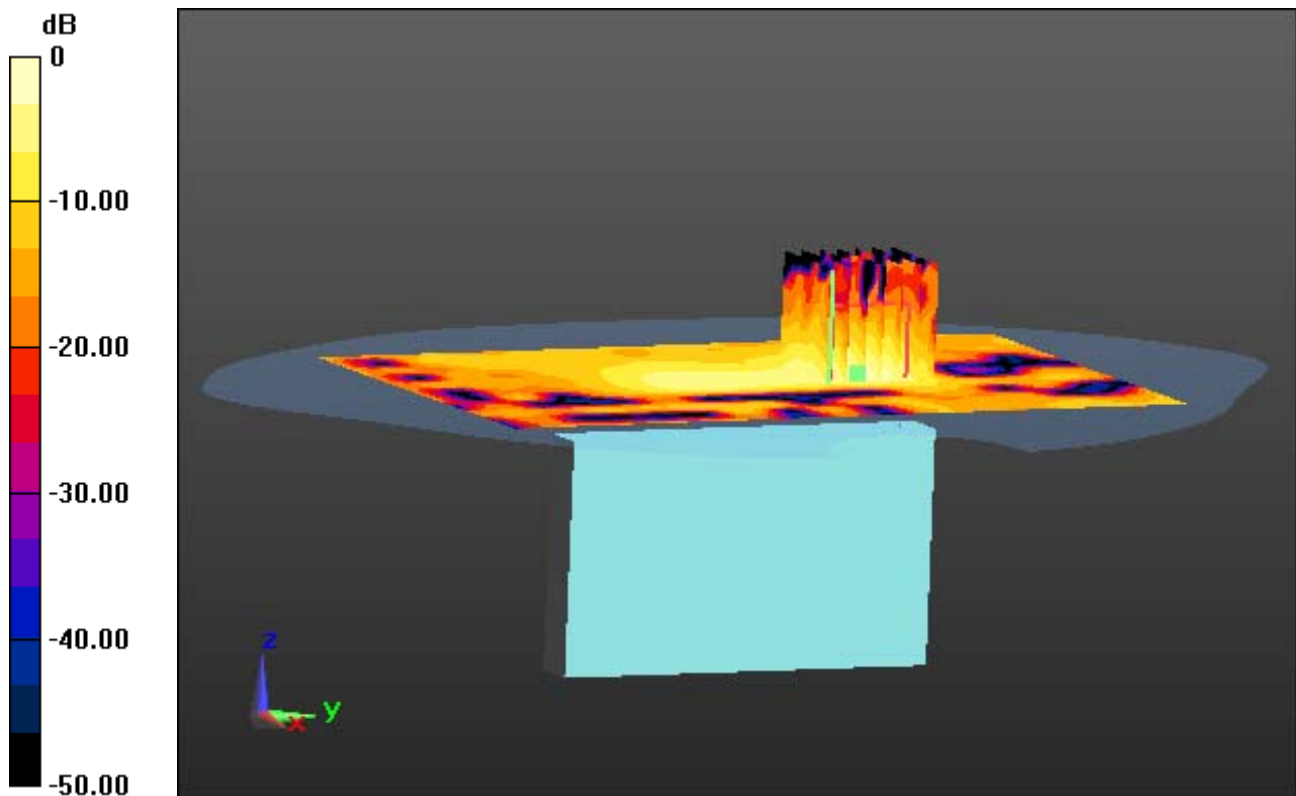
Area Scan (101x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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) = 0.106 mW/g

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.016 mW/g



0 dB = 0.0680 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; $\sigma = 1.882$ mho/m; $\epsilon_r = 52.053$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

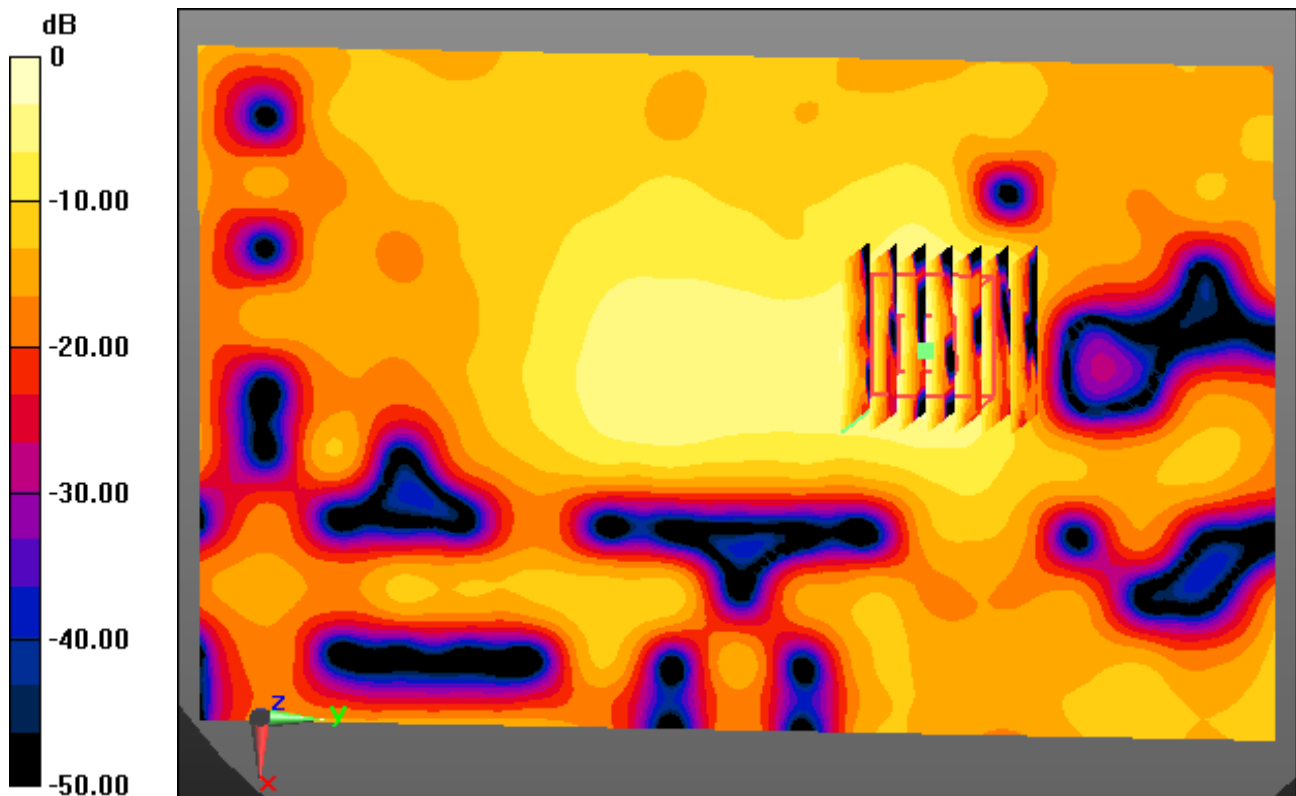
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

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

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

With Enlarge plot image

Area Scan (101x161x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.106 mW/g
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.016 mW/g



0 dB = 0.0680 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: $f = 2412 \text{ MHz}$; $\sigma = 1.882 \text{ mho/m}$; $\epsilon_r = 52.053$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); 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

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

Area Scan (141x161x1): 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 = -0.15 dB

Peak SAR (extrapolated) = 0.116 mW/g

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.030 W/kg

