SAR Test Plots – Body SAR

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

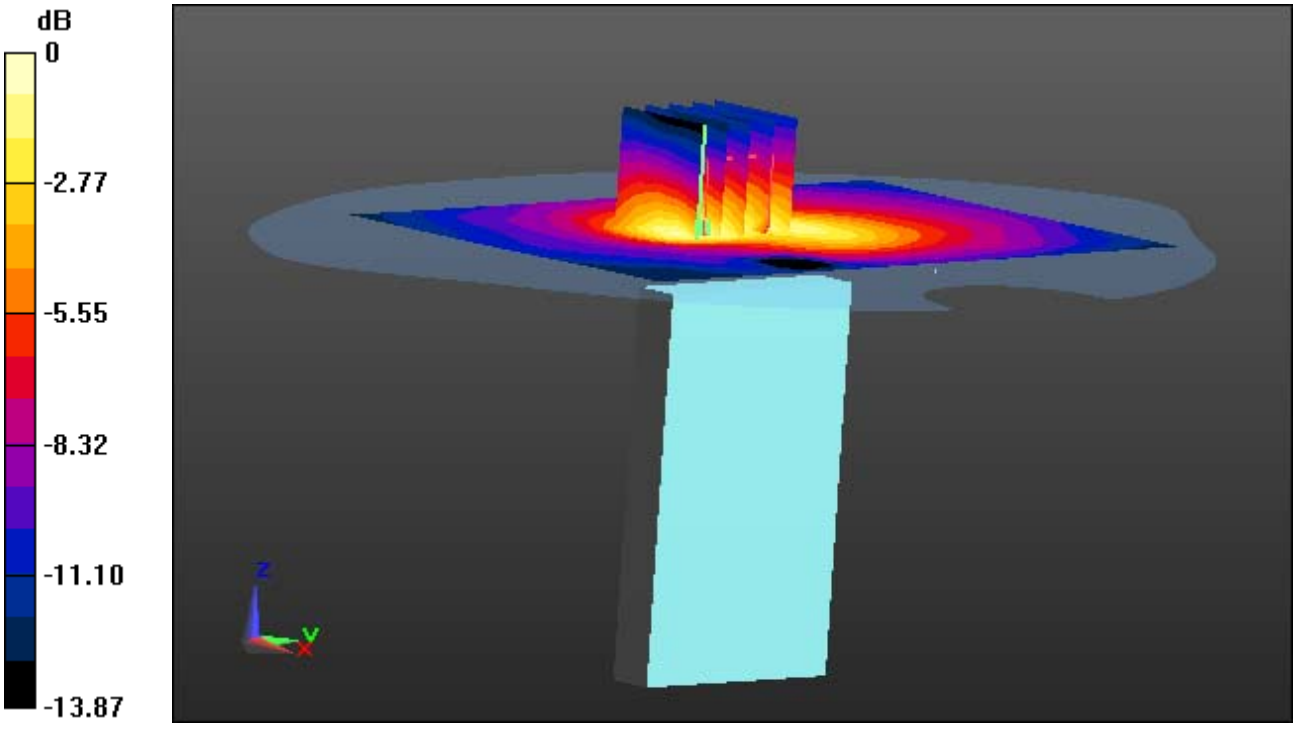
Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Bottom, 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 = -0.12 dB
Peak SAR (extrapolated) = 0.262 mW/g
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.084 W/kg



0 dB = 0.189 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

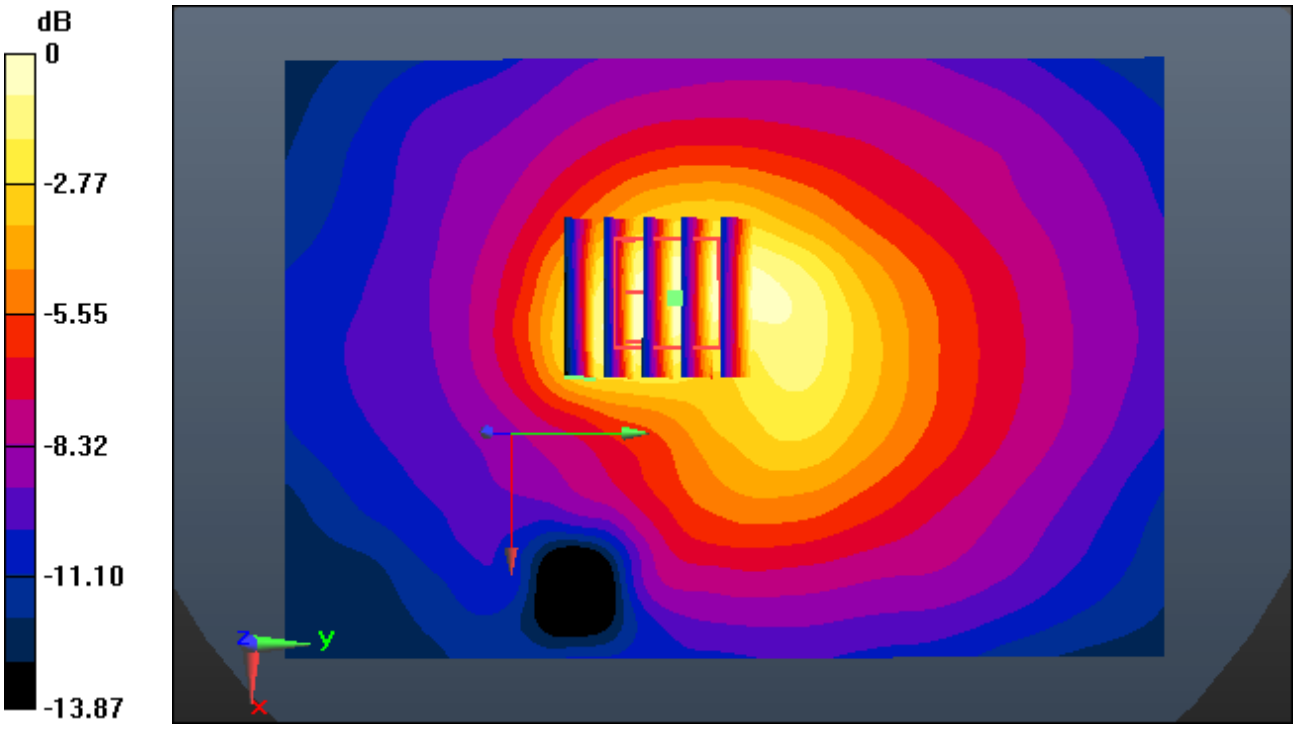
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Bottom, 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 = -0.12 dB
Peak SAR (extrapolated) = 0.262 mW/g
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.084 W/kg



0 dB = 0.189 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

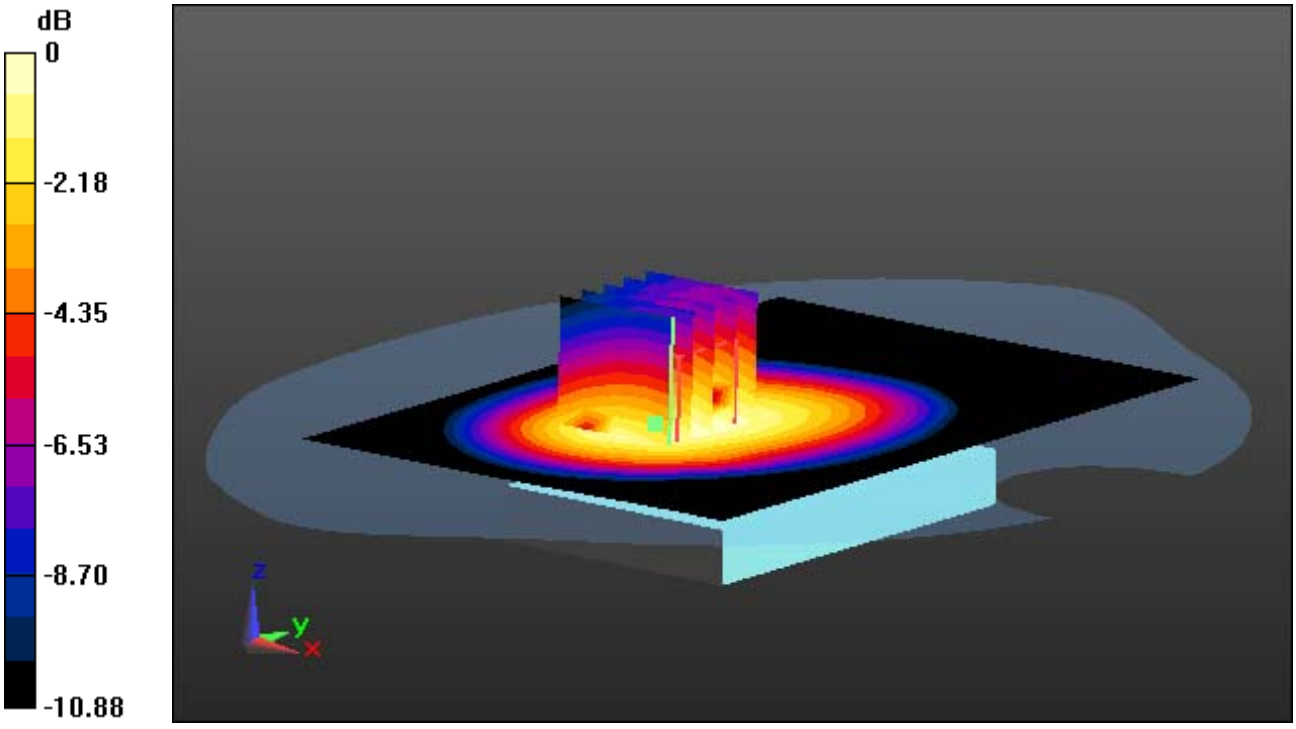
Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Front, 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 = -0.17 dB
Peak SAR (extrapolated) = 1.673 mW/g
SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.469 W/kg



0 dB = 0.787 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

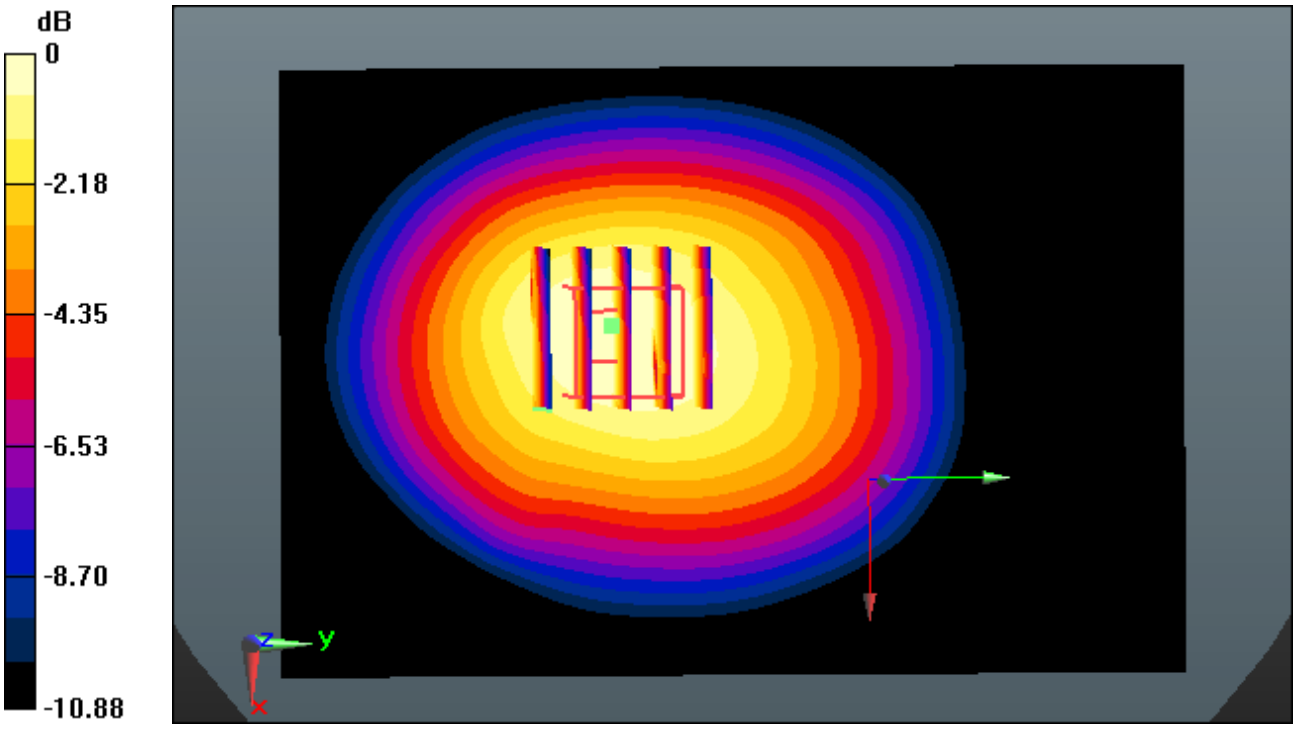
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Front, 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 = -0.17 dB
Peak SAR (extrapolated) = 1.673 mW/g
SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.469 W/kg



0 dB = 0.787 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

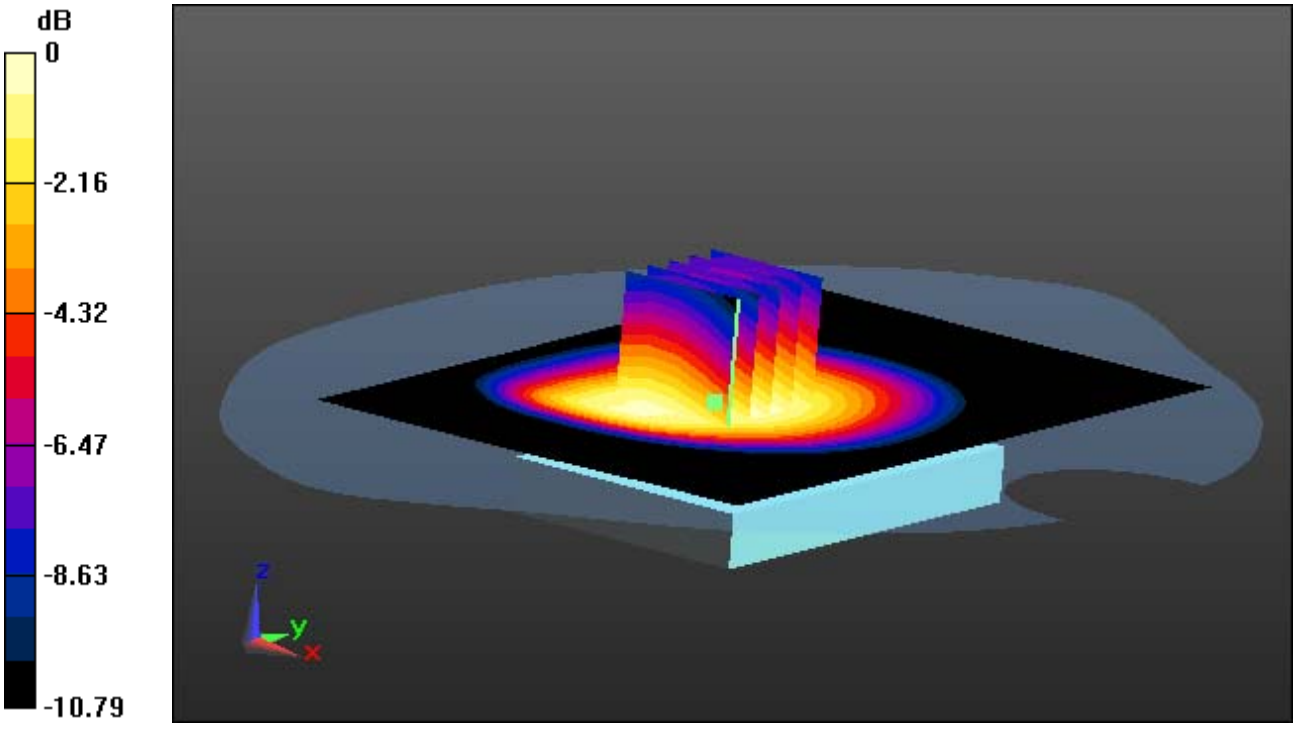
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.981 mW/g
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.532 W/kg



0 dB = 0.872 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

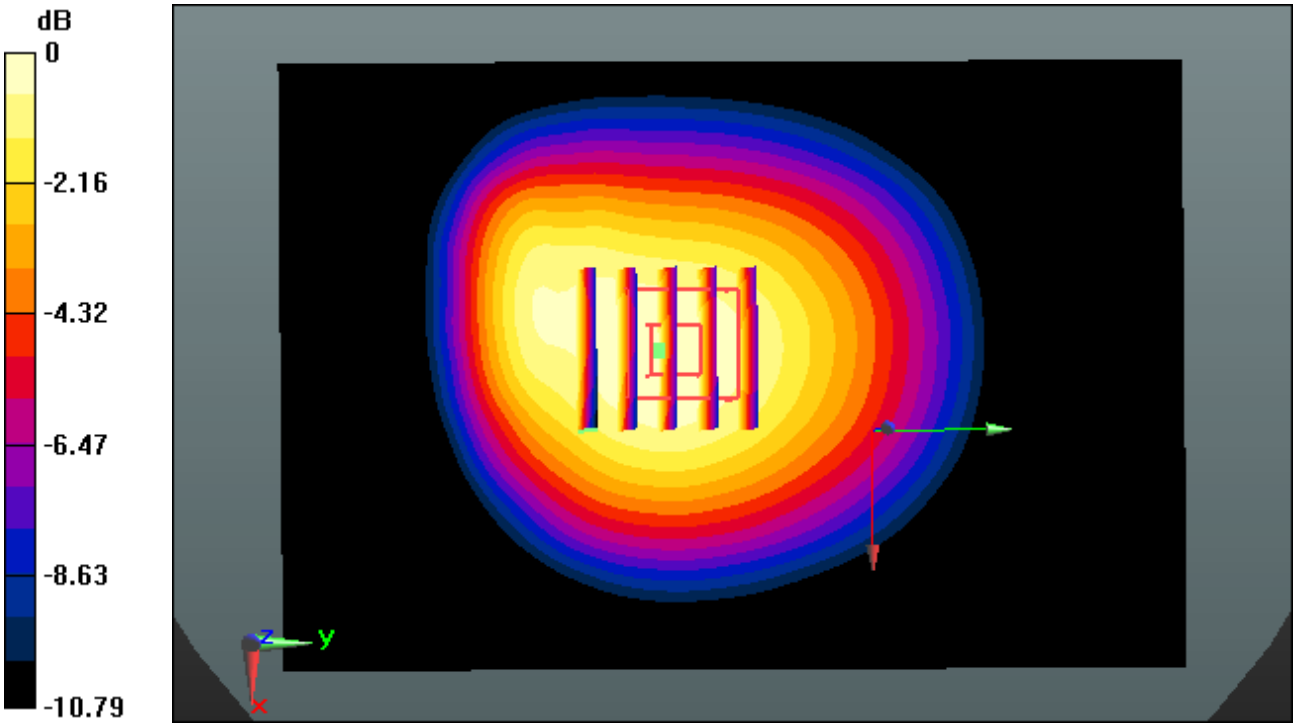
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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 = -0.01 dB
Peak SAR (extrapolated) = 0.981 mW/g
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.532 W/kg



0 dB = 0.872 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

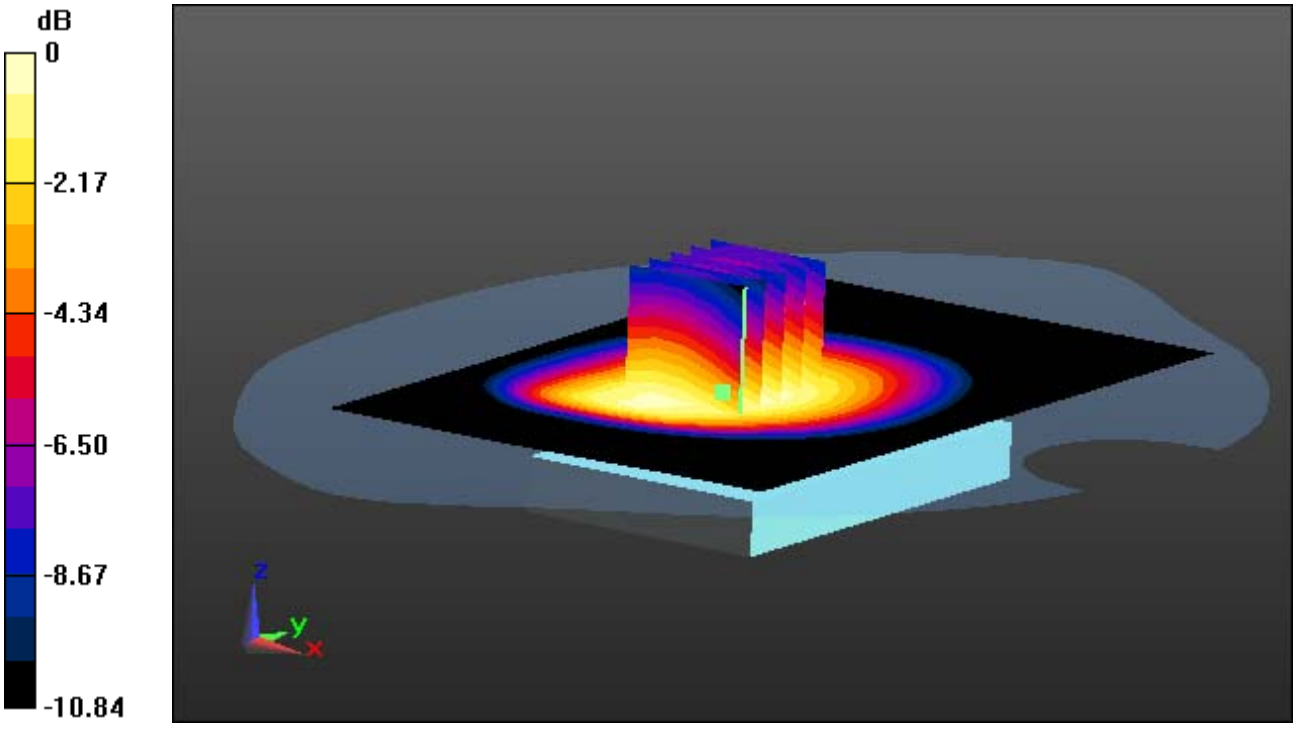
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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 = 0.02 dB
Peak SAR (extrapolated) = 0.986 mW/g
SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.529 W/kg



0 dB = 0.875 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

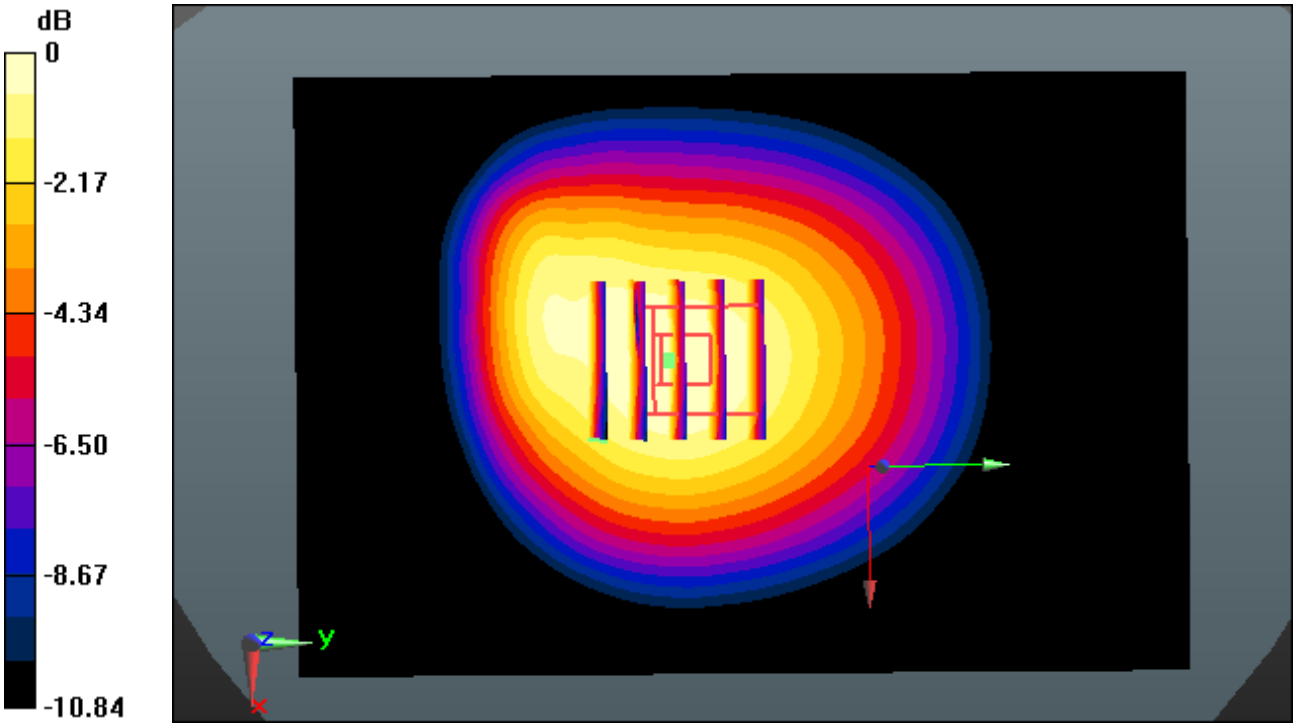
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, 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 = 0.02 dB
Peak SAR (extrapolated) = 0.986 mW/g
SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.529 W/kg



0 dB = 0.875 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

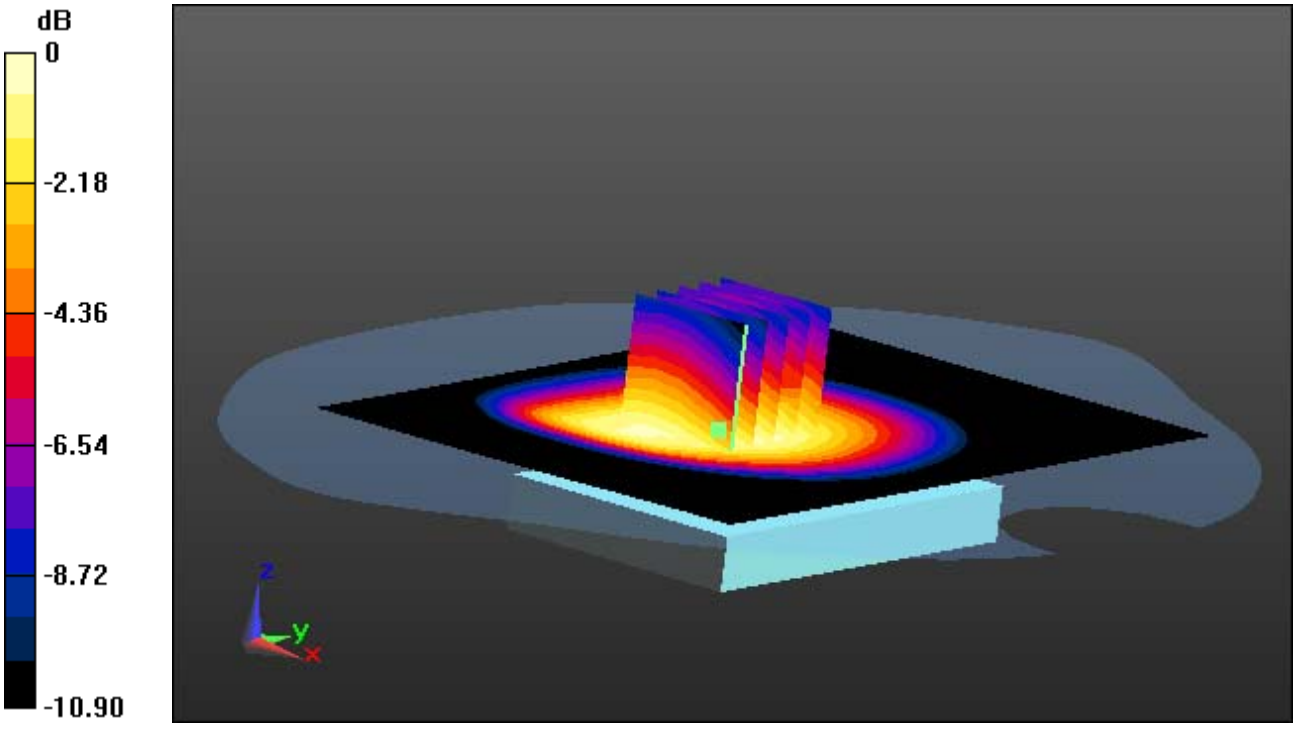
Communication System: GSM 850_10; Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 824.2 MHz; σ = 0.938 mho/m; ε_r = 53.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 128, 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) = 1.157 mW/g
SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.629 W/kg



0 dB = 1.04 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_10; Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 824.2 MHz; σ = 0.938 mho/m; ε_r = 53.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

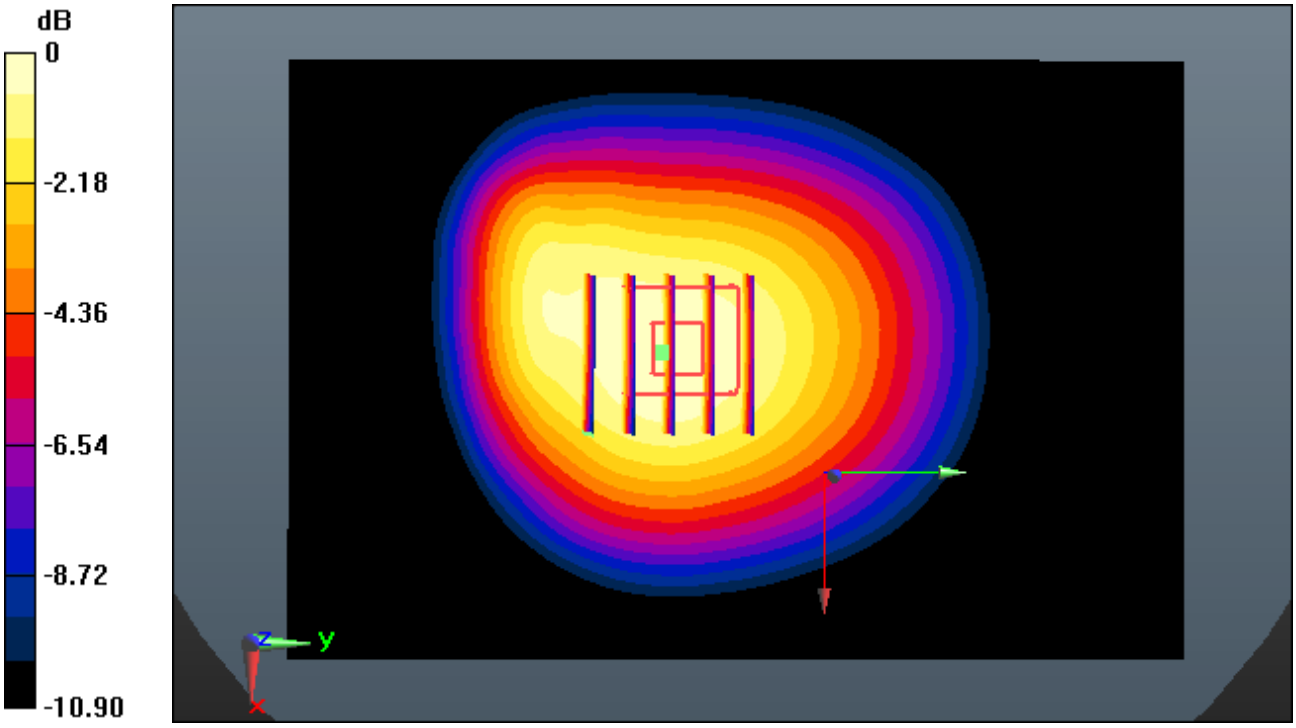
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 128, Ant Internal

With Enlarge plot image

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.157 mW/g
SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.629 W/kg



0 dB = 1.04 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

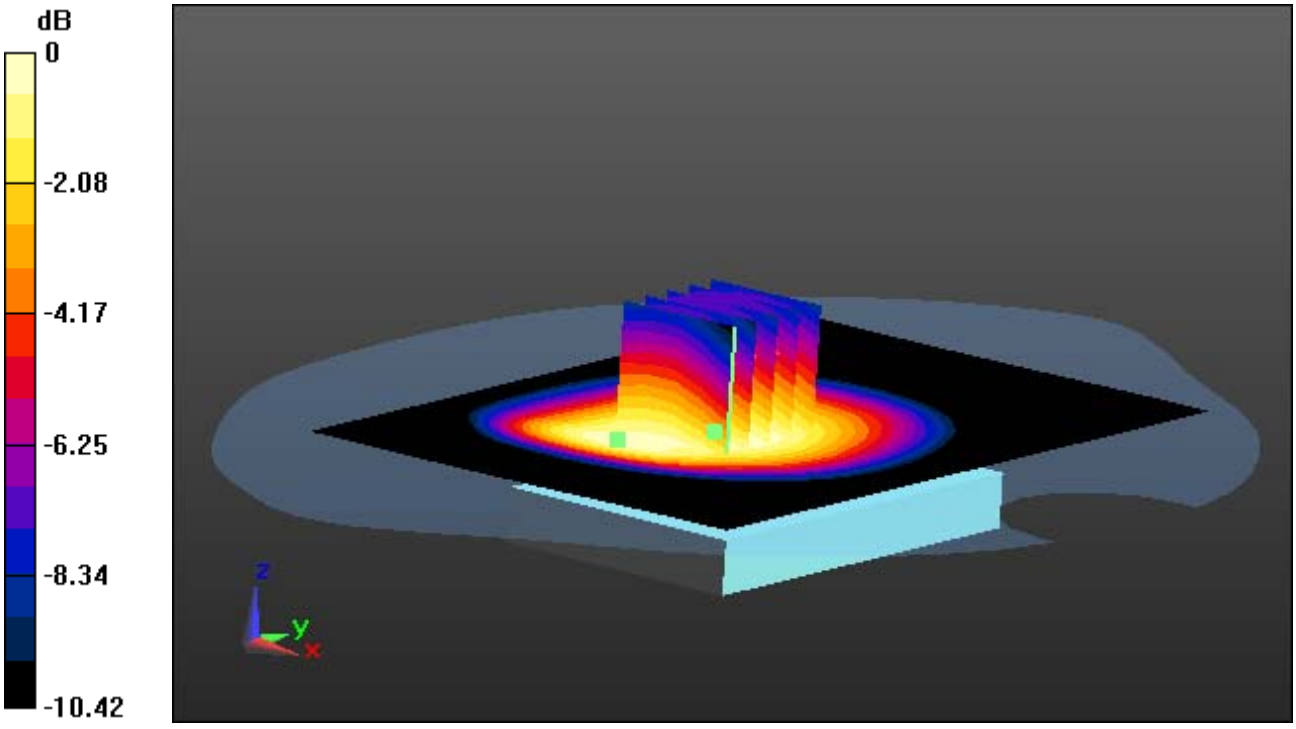
Communication System: GSM 850_10; Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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 = 0.01 dB
Peak SAR (extrapolated) = 1.124 mW/g
SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.604 W/kg



0 dB = 0.984 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_10; Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

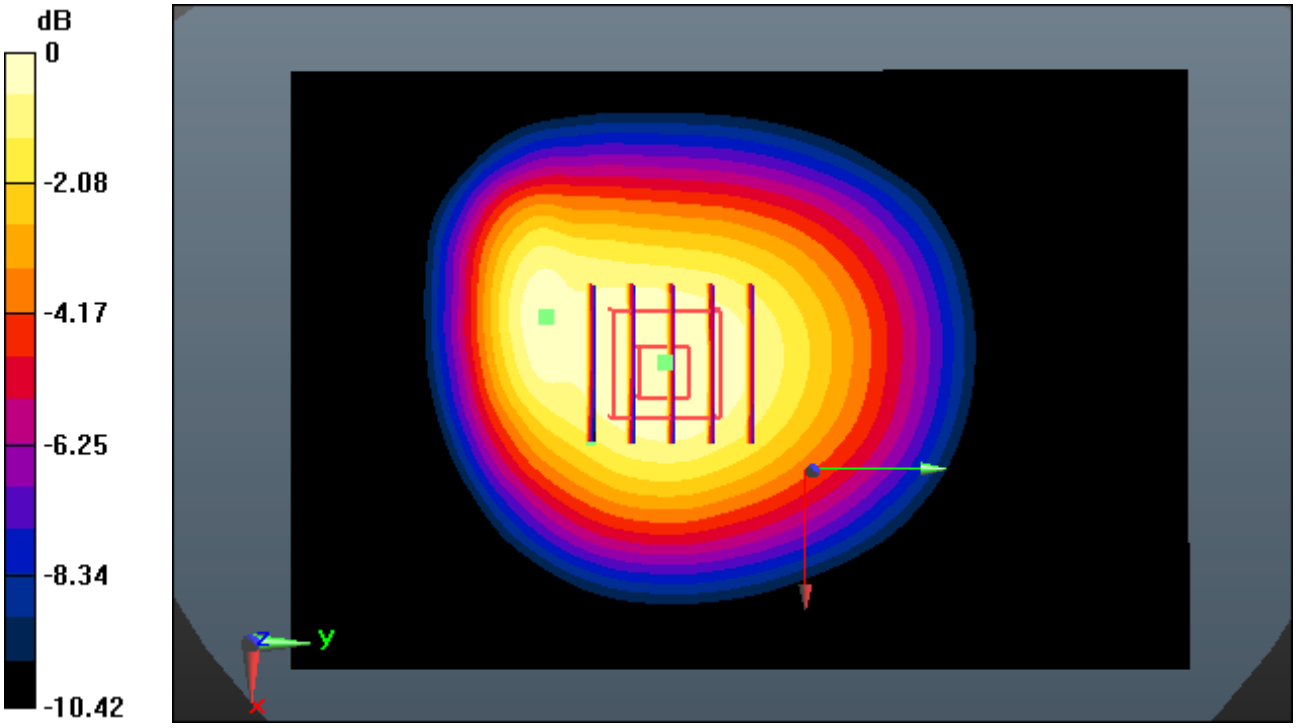
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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 = 0.01 dB
Peak SAR (extrapolated) = 1.124 mW/g
SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.604 W/kg



0 dB = 0.984 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

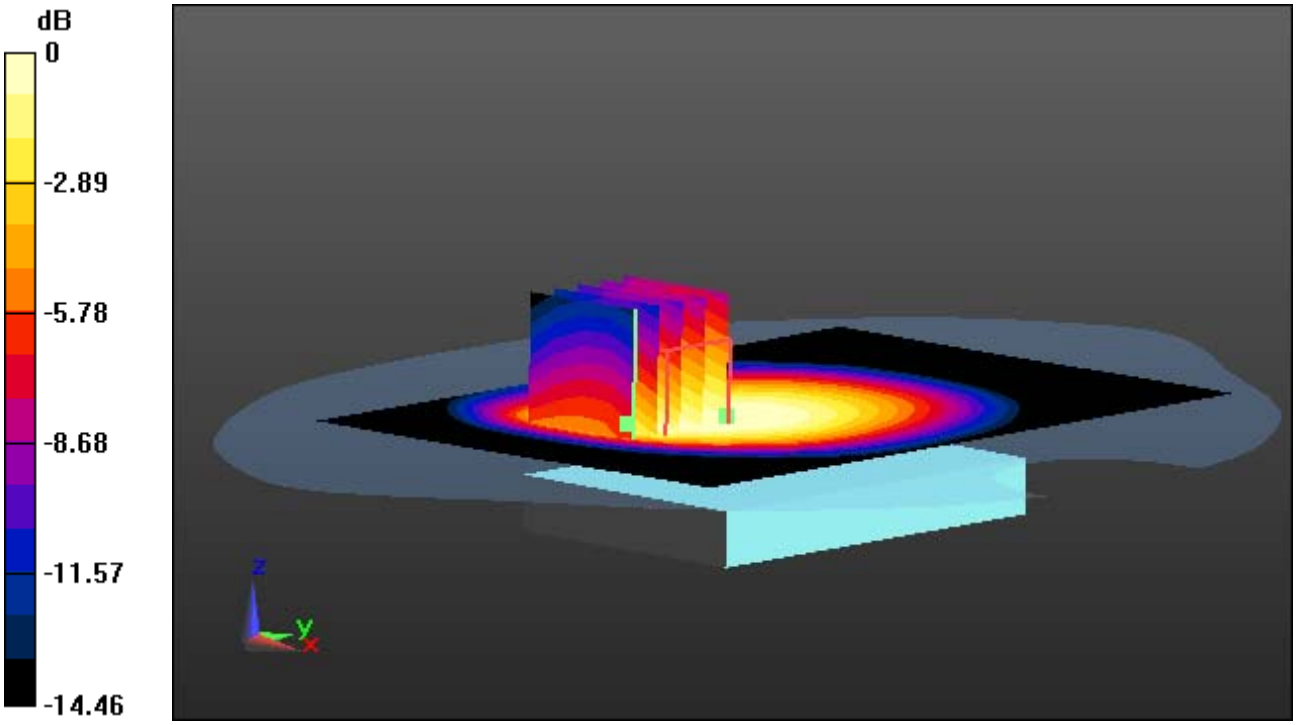
Communication System: GSM 850_10; Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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 = 0.01 dB
Peak SAR (extrapolated) = 1.116 mW/g
SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.528 W/kg



0 dB = 0.967 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_10; Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

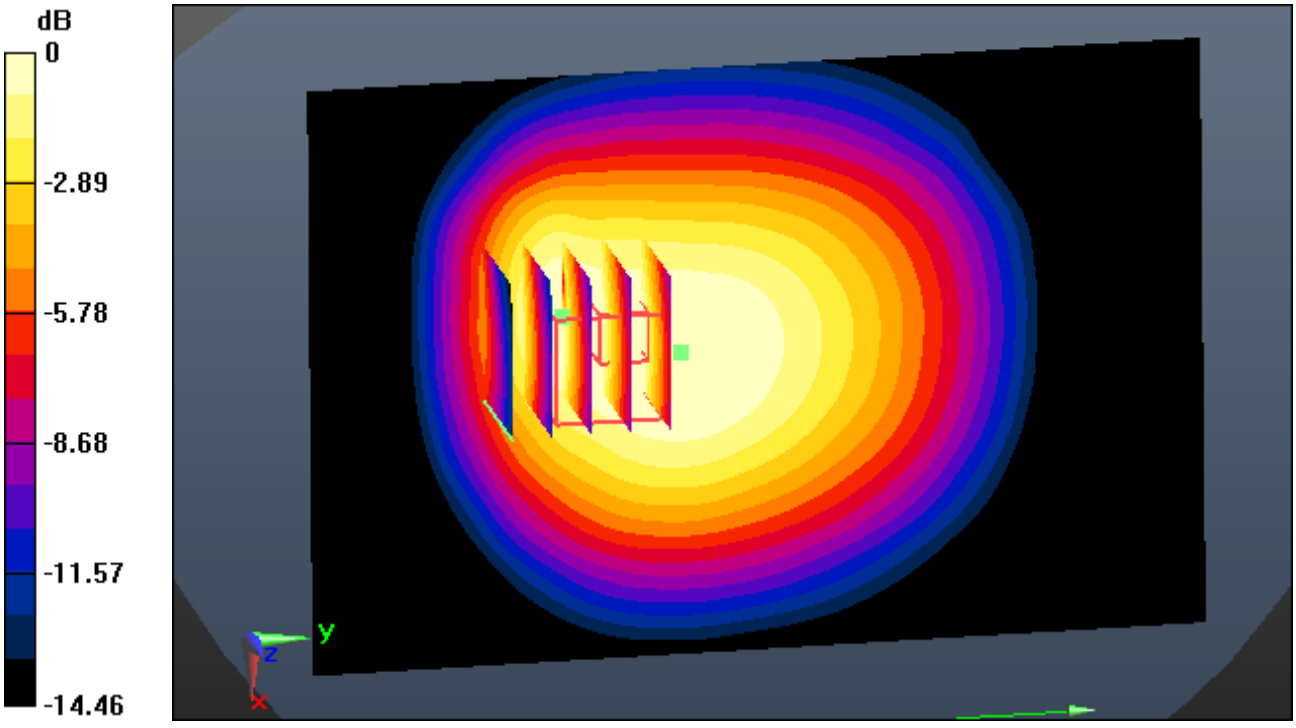
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.116 mW/g
SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.528 W/kg



0 dB = 0.967 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

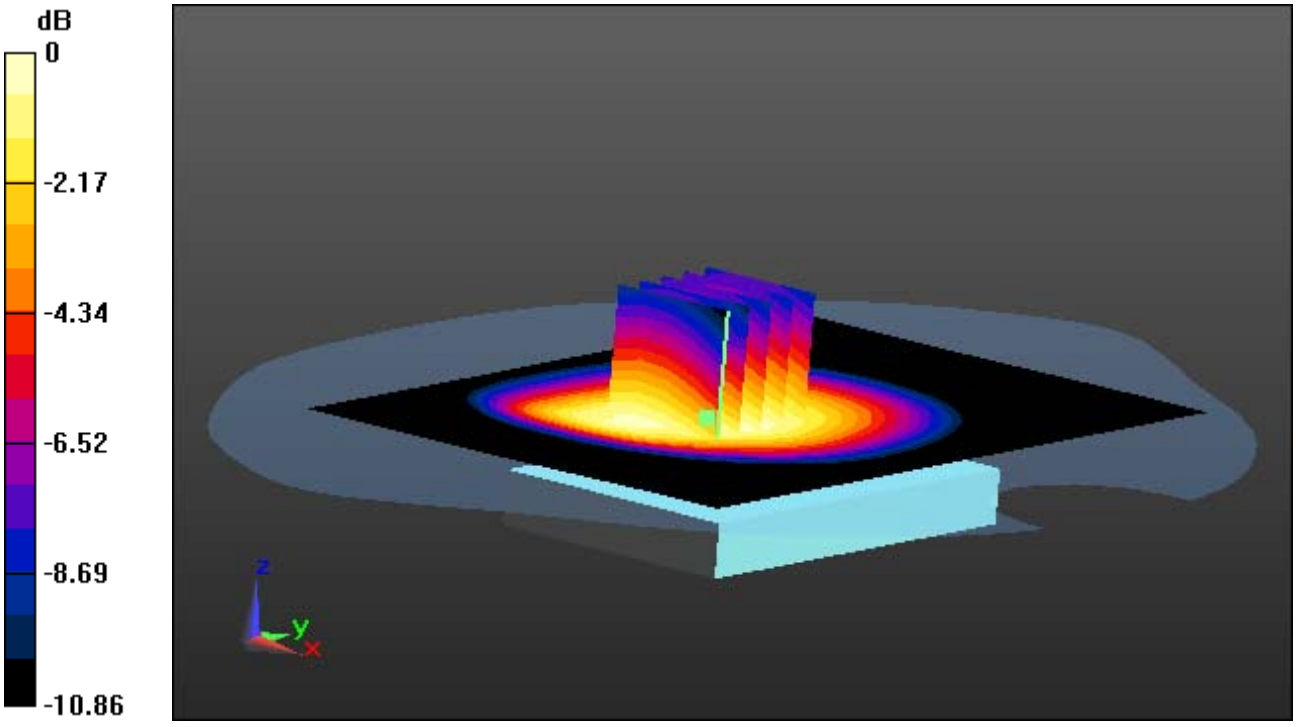
Communication System: GSM 850_10; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 848.8 MHz; σ = 0.96 mho/m; ε_r = 53.275; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.341 mW/g
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.727 W/kg



0 dB = 1.19 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_10; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 848.8 MHz; σ = 0.96 mho/m; ε_r = 53.275; ρ = 1000 kg/m^3
Phantom section: Flat Section

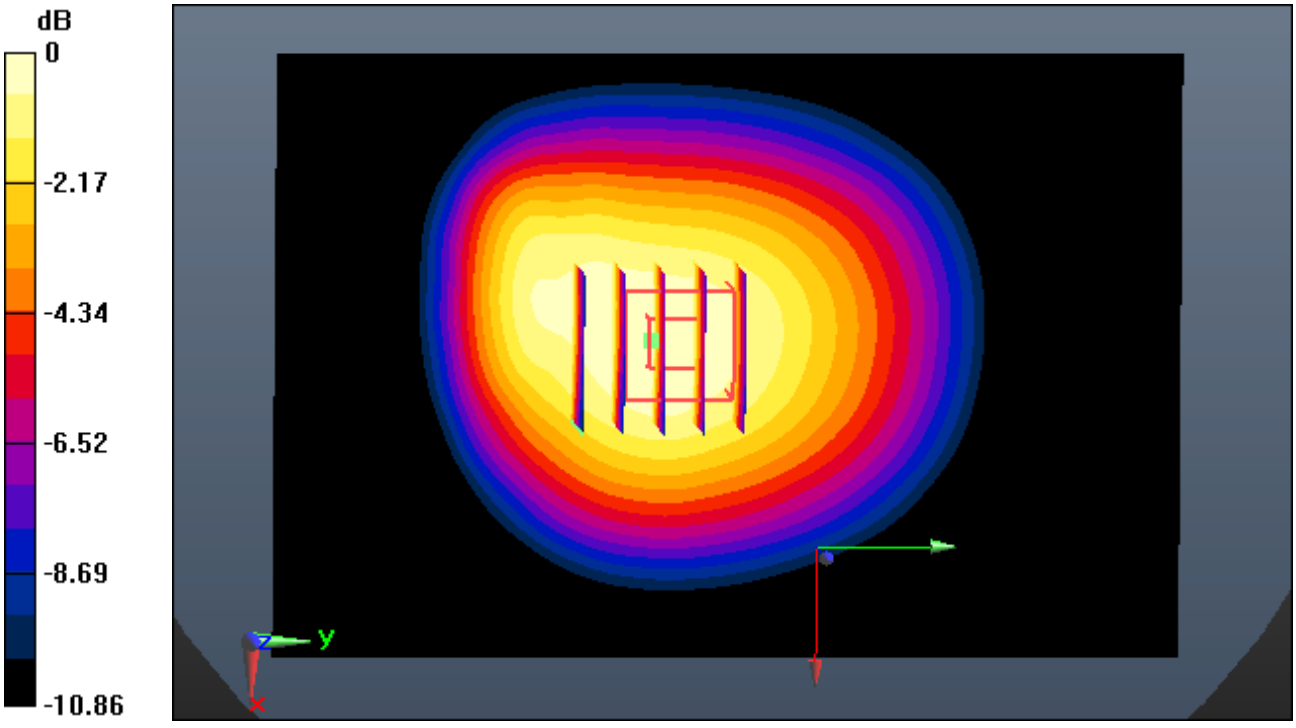
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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

With Enlarge plot image

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.341 mW/g
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.727 W/kg



0 dB = 1.19 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

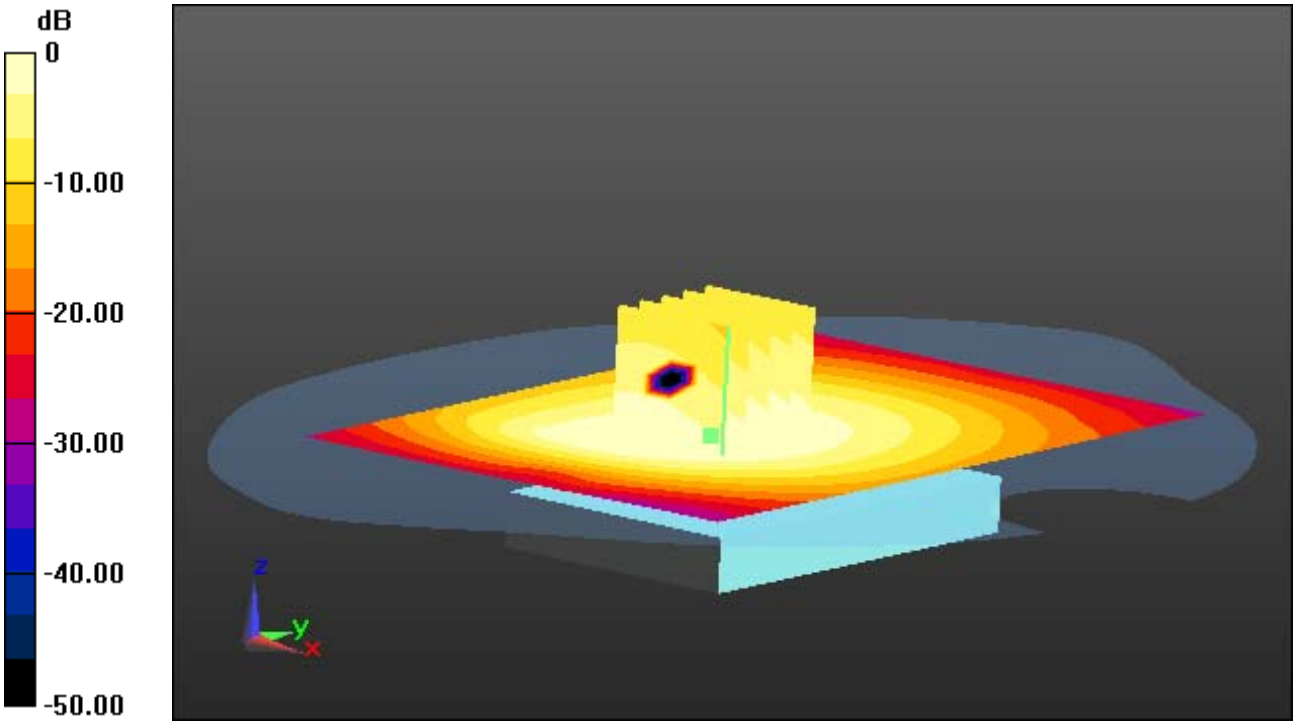
Communication System: GSM 850_11; Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 824.2 MHz; σ = 0.938 mho/m; ε_r = 53.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 3 Tx Ch. 128, 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 = 0.10 dB
Peak SAR (extrapolated) = 1.205 mW/g
SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.660 W/kg



0 dB = 1.07 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_11; Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 824.2 MHz; σ = 0.938 mho/m; ε_r = 53.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

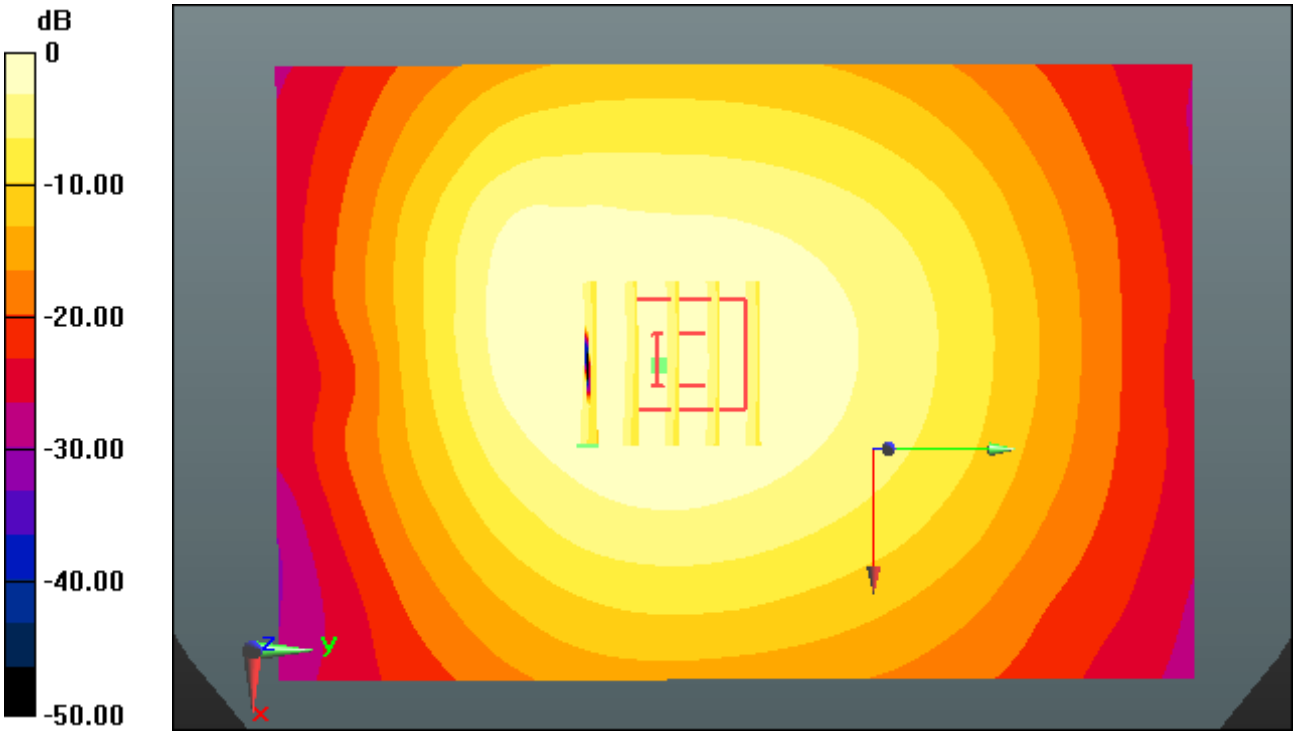
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 3 Tx Ch. 128, 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 = 0.10 dB
Peak SAR (extrapolated) = 1.205 mW/g
SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.660 W/kg



0 dB = 1.07 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

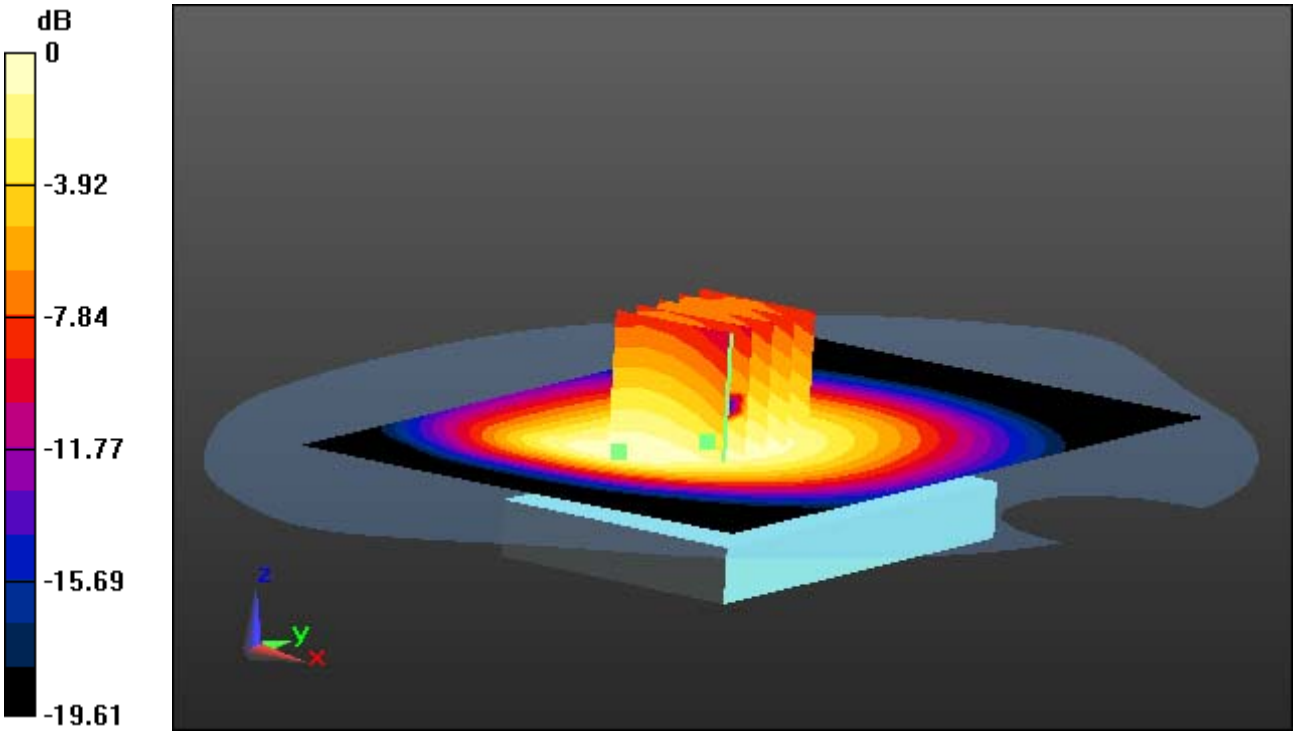
Communication System: GSM 850_11; Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.356 mW/g
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.736 W/kg



0 dB = 1.24 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_11; Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

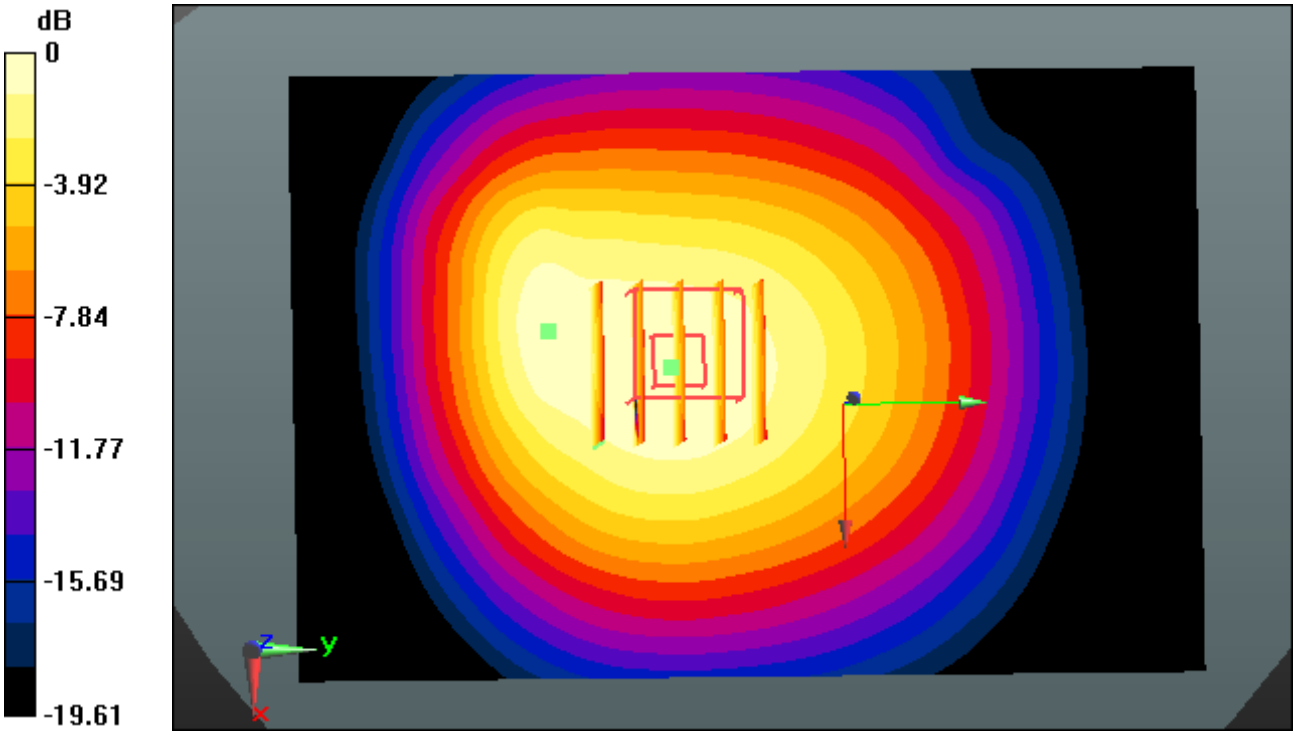
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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 = -0.04 dB
Peak SAR (extrapolated) = 1.356 mW/g
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.736 W/kg



0 dB = 1.24 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

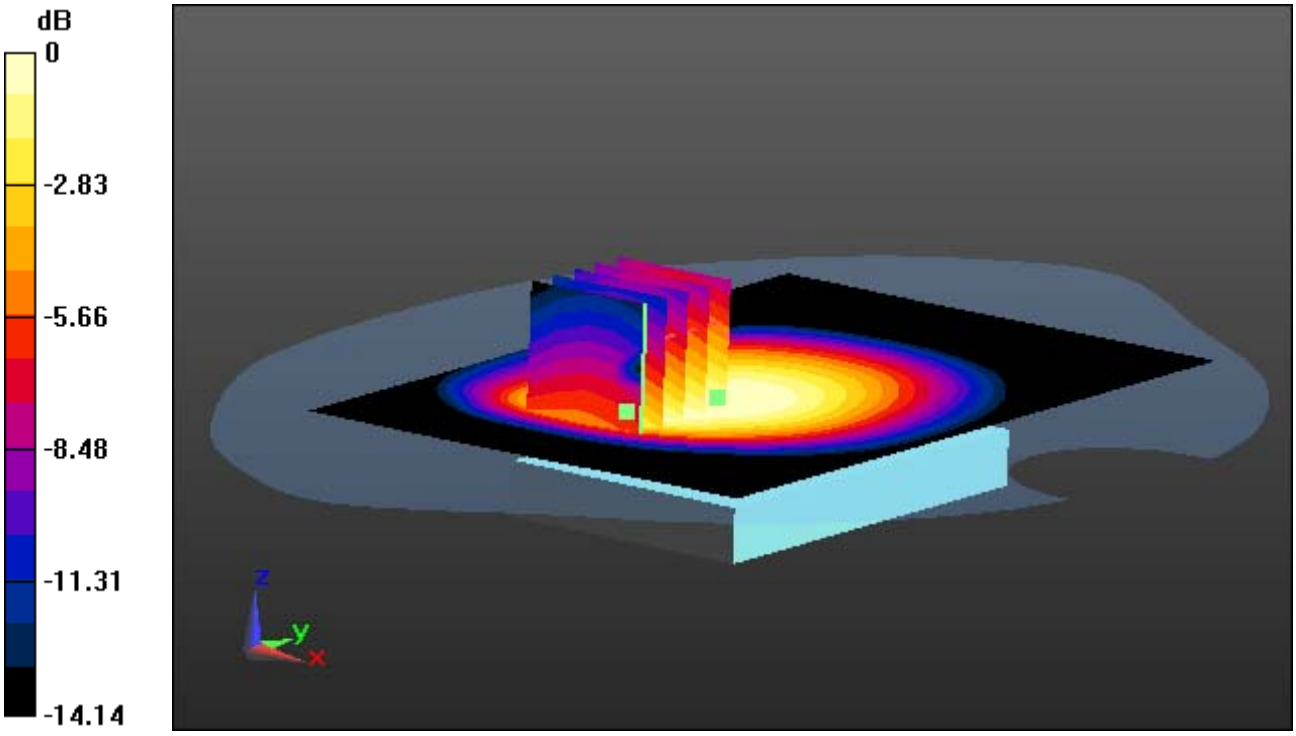
Communication System: GSM 850_11; Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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 = -0.04 dB
Peak SAR (extrapolated) = 1.375 mW/g
SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.658 W/kg



0 dB = 1.18 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_11; Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

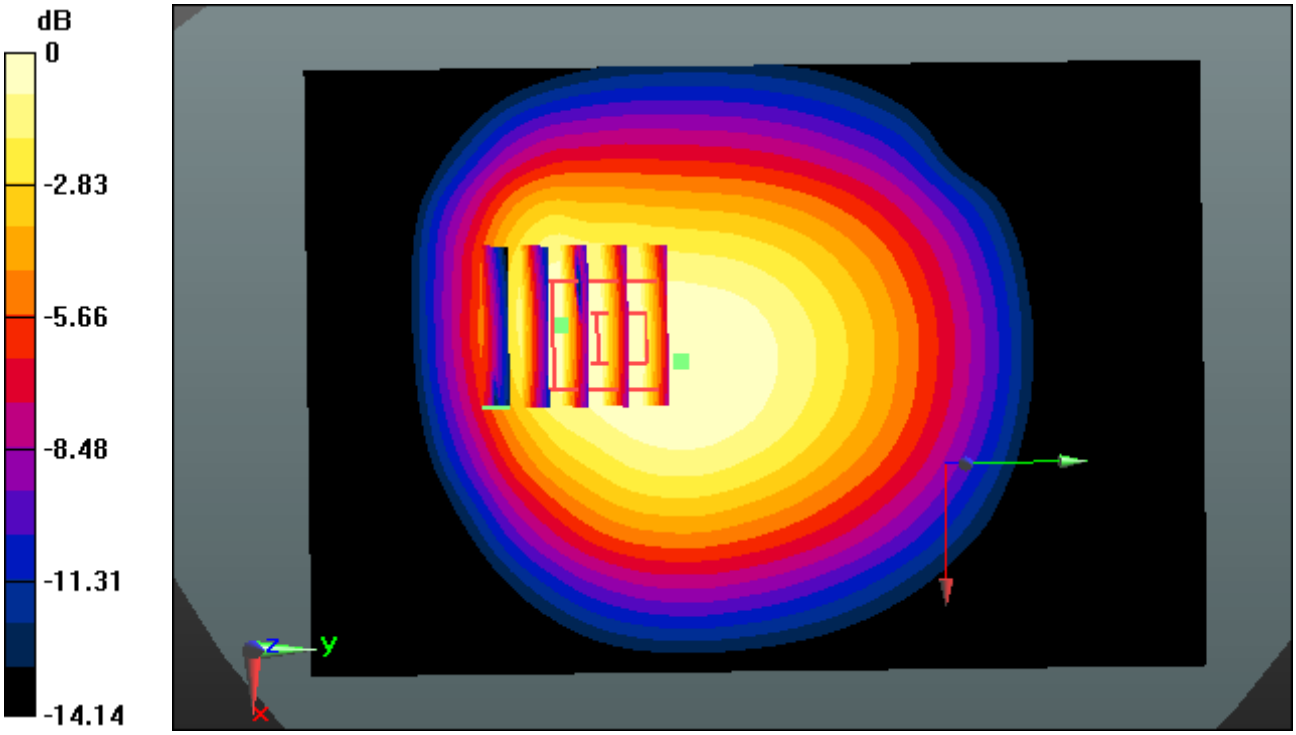
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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 = -0.04 dB
Peak SAR (extrapolated) = 1.375 mW/g
SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.658 W/kg



0 dB = 1.18 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

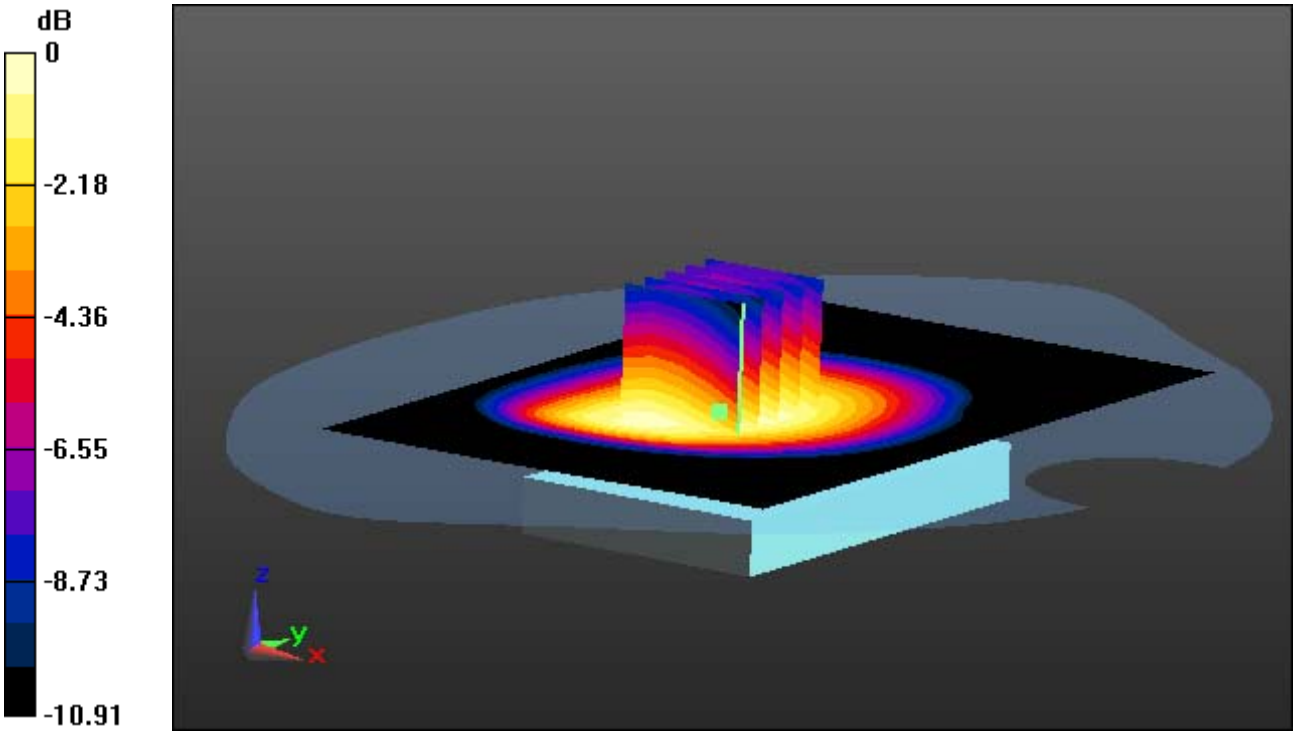
Communication System: GSM 850_11; Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 848.8 MHz; σ = 0.96 mho/m; ε_r = 53.275; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 3 Tx Ch. 251, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.435 mW/g
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.783 W/kg



0 dB = 1.28 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_11; Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 848.8 MHz; σ = 0.96 mho/m; ε_r = 53.275; ρ = 1000 kg/m^3
Phantom section: Flat Section

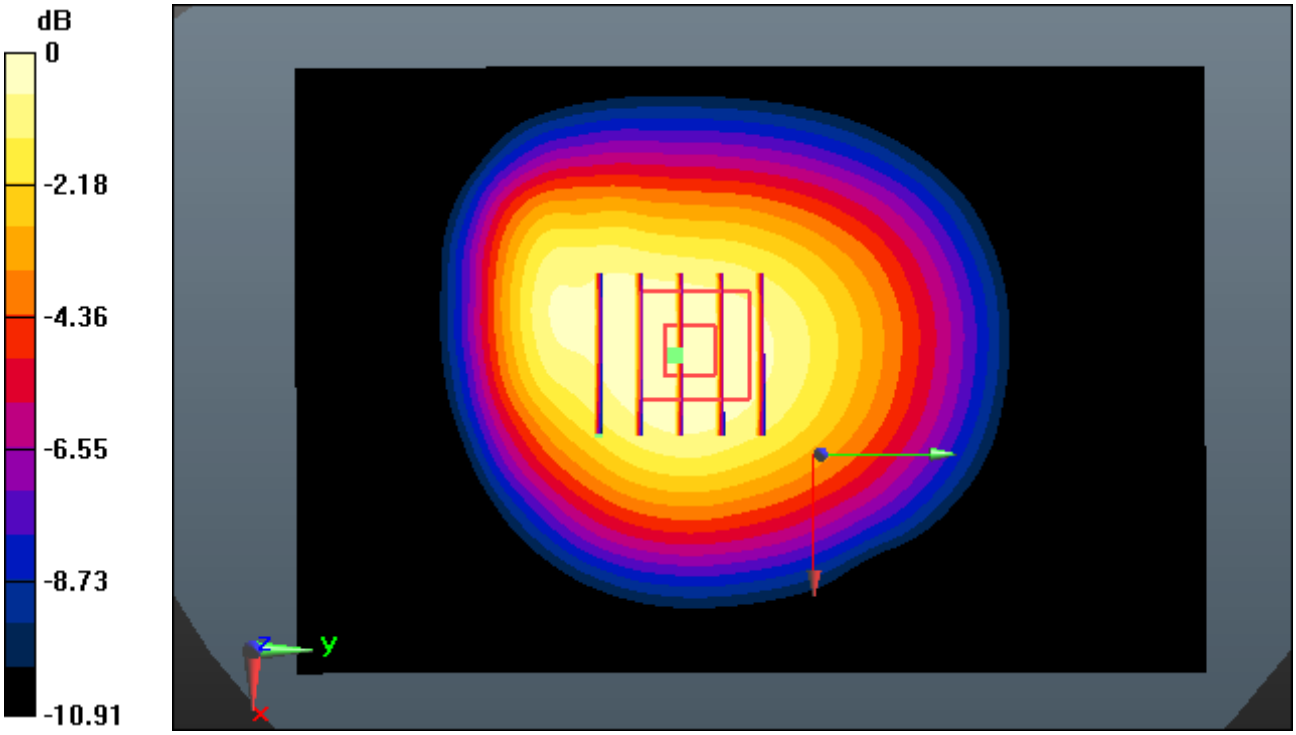
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 3 Tx Ch. 251, Ant Internal

With Enlarge plot image

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.435 mW/g
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.783 W/kg



0 dB = 1.28 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

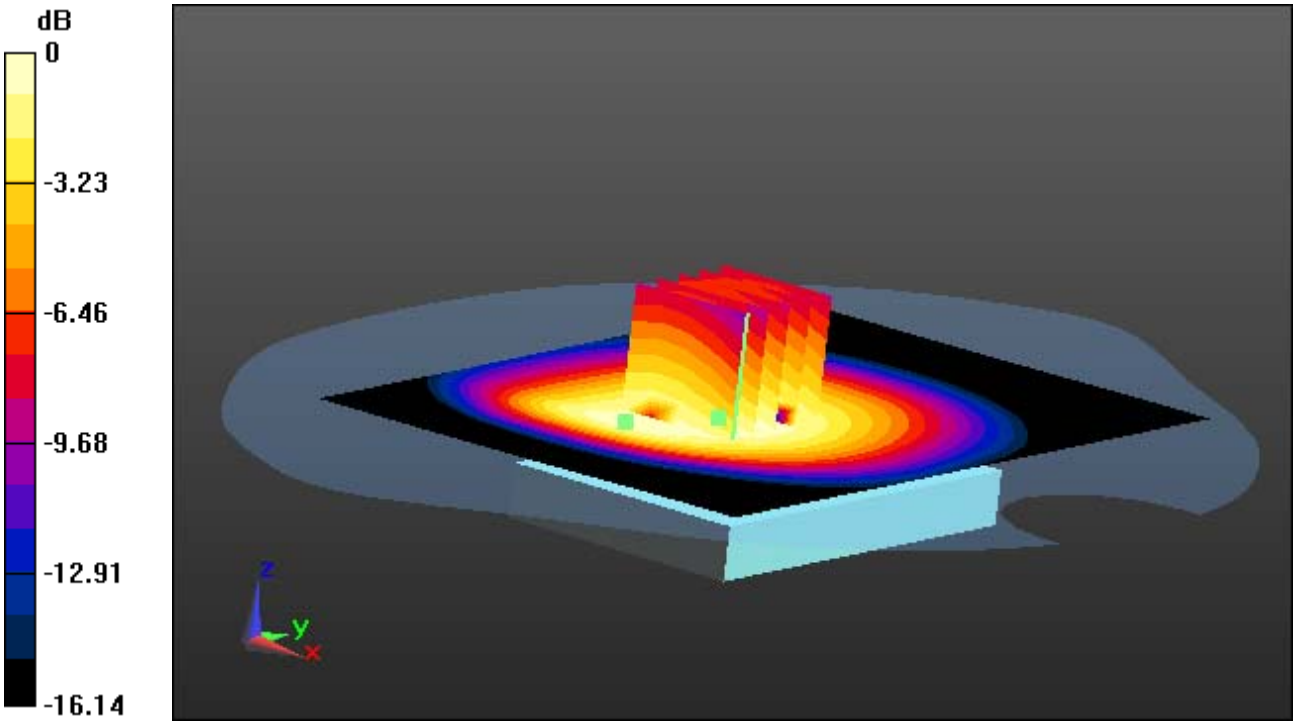
Communication System: GSM 850_12; Frequency: 824.2 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 824.2 MHz; σ = 0.938 mho/m; ε_r = 53.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 128, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.310 mW/g
SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.650 W/kg



0 dB = 1.11 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 824.2 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 824.2 MHz; σ = 0.938 mho/m; ε_r = 53.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

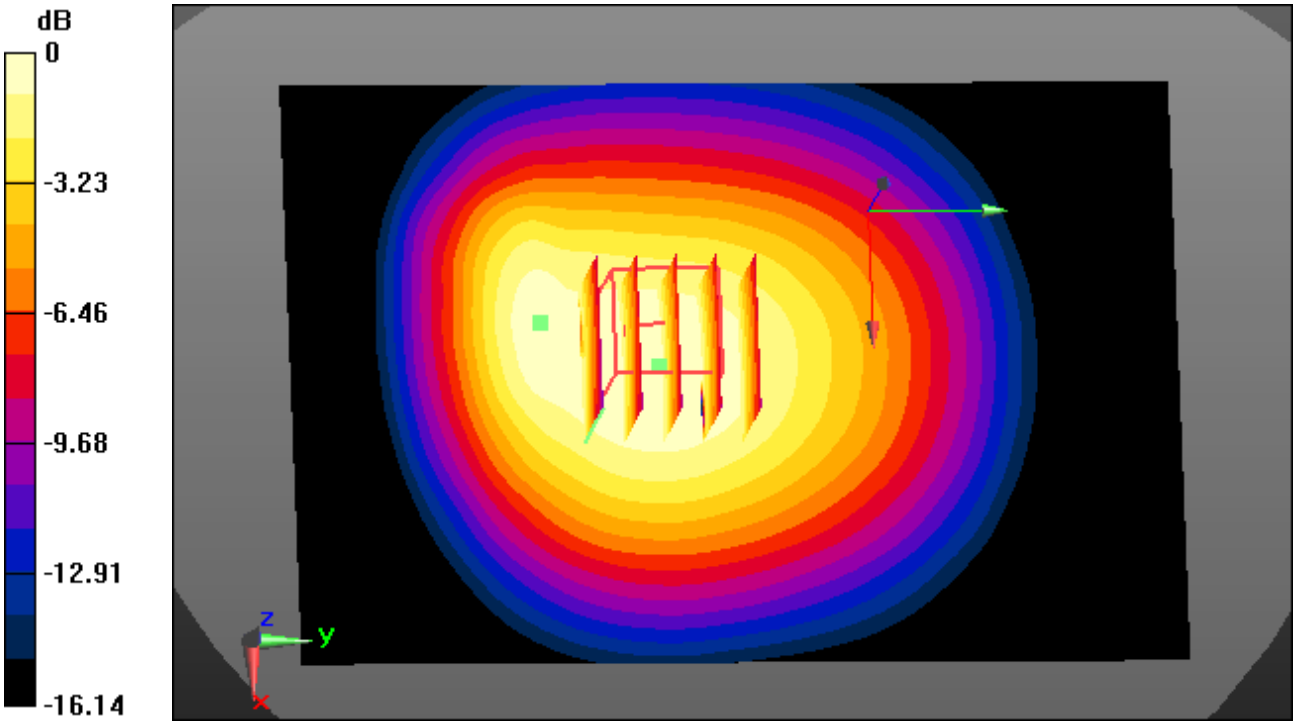
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 128, 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) = 1.310 mW/g
SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.650 W/kg



0 dB = 1.11 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

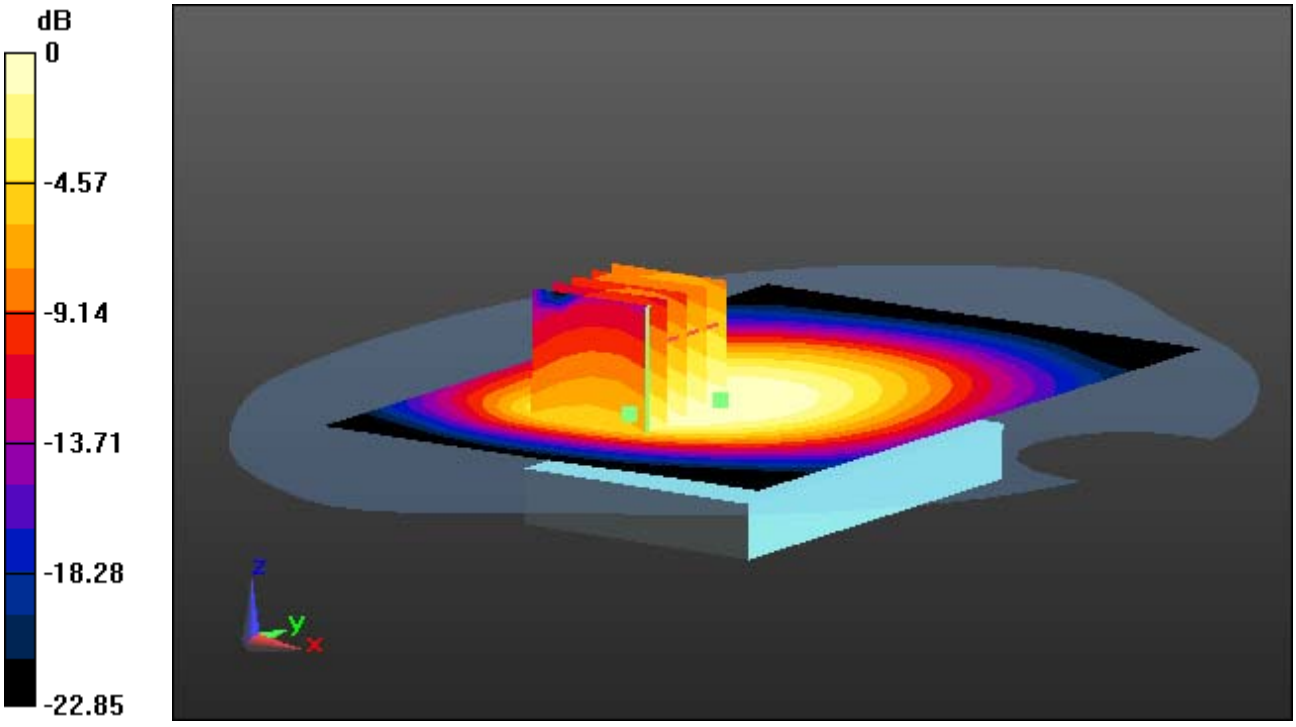
Communication System: GSM 850_12; Frequency: 824.2 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 824.2 MHz; σ = 0.938 mho/m; ε_r = 53.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 128, 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) = 1.203 mW/g
SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.585 W/kg



0 dB = 1.04 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 824.2 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 824.2 MHz; σ = 0.938 mho/m; ε_r = 53.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

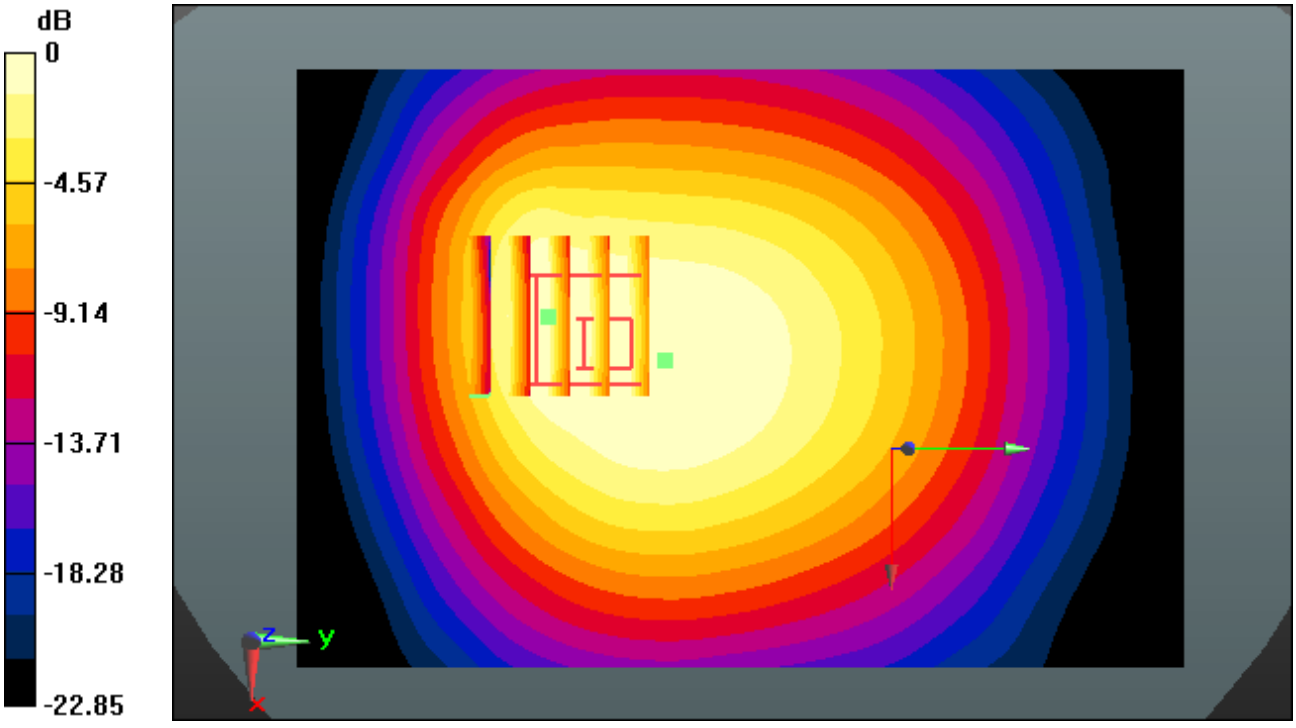
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 128, 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) = 1.203 mW/g
SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.585 W/kg



0 dB = 1.04 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

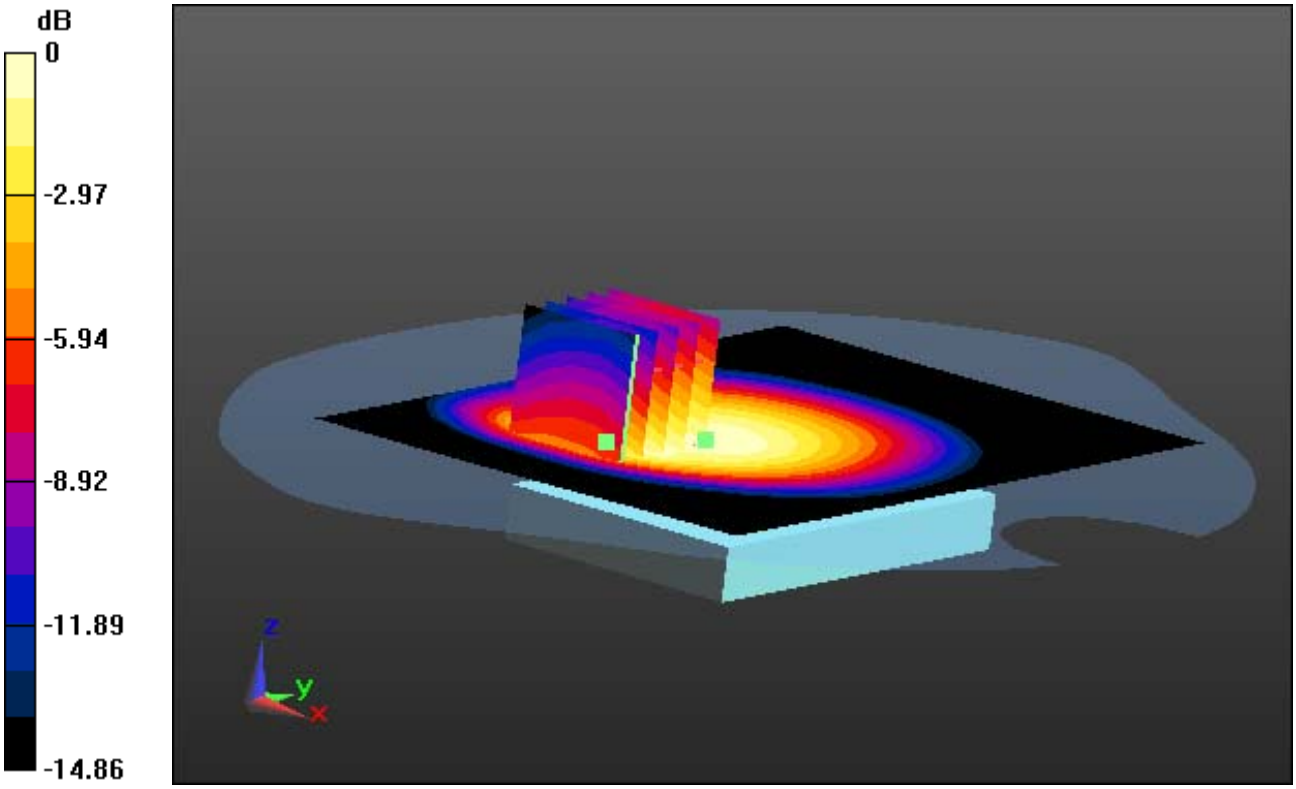
Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3; Tissue Temp:21.6

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 = -0.03 dB
Peak SAR (extrapolated) = 1.783 mW/g
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.810 W/kg



0 dB = 1.50 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

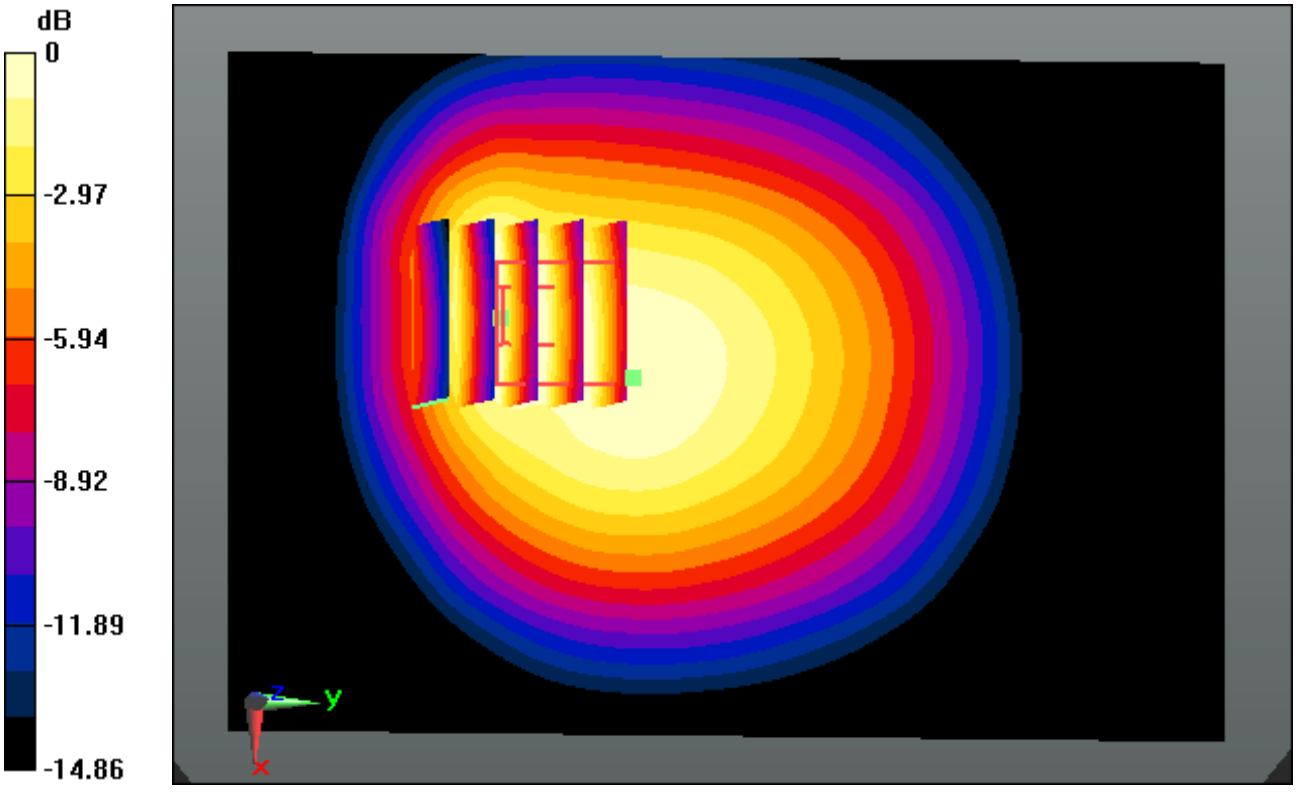
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3; Tissue Temp:21.6

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 = -0.03 dB
Peak SAR (extrapolated) = 1.783 mW/g
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.810 W/kg



0 dB = 1.50 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

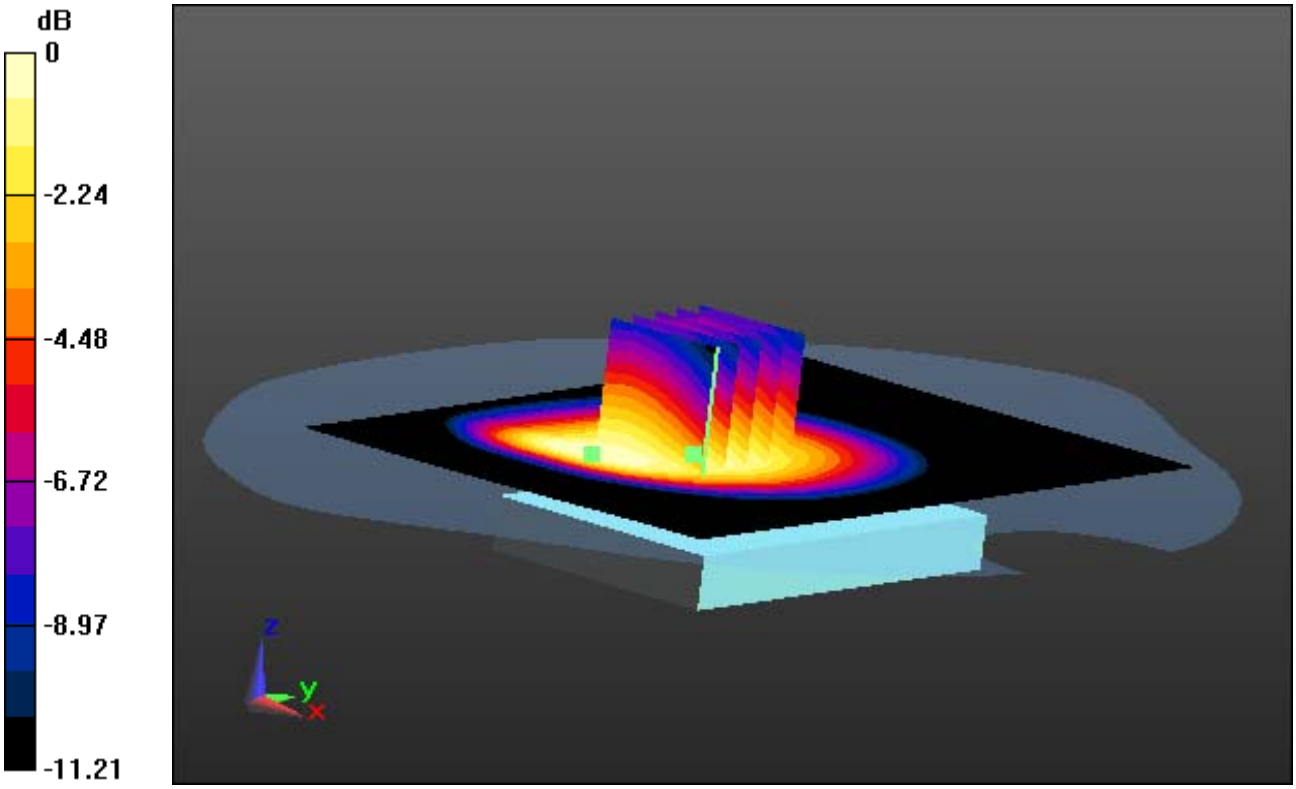
Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3; Tissue Temp:21.6

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 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.671 mW/g
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.903 W/kg



0 dB = 1.49 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

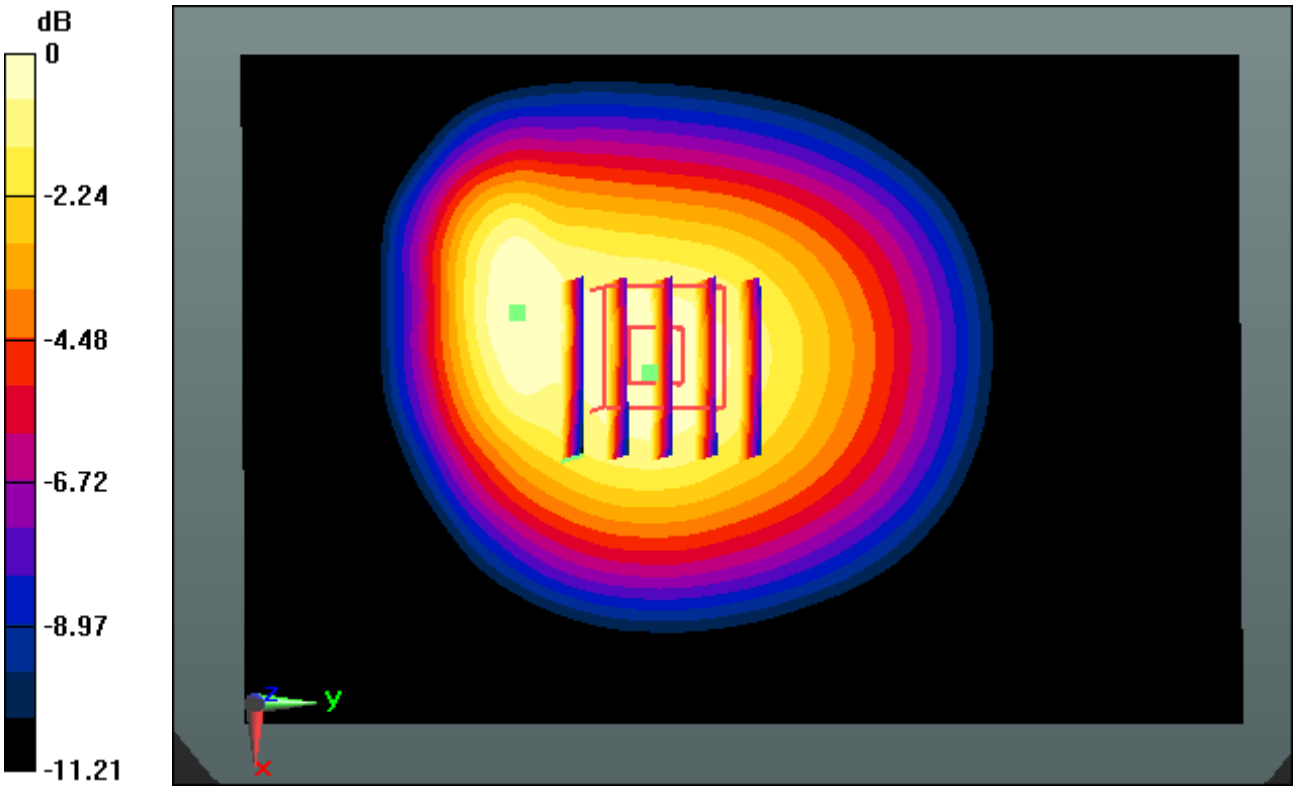
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3; Tissue Temp:21.6

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 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.671 mW/g
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.903 W/kg



0 dB = 1.49 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

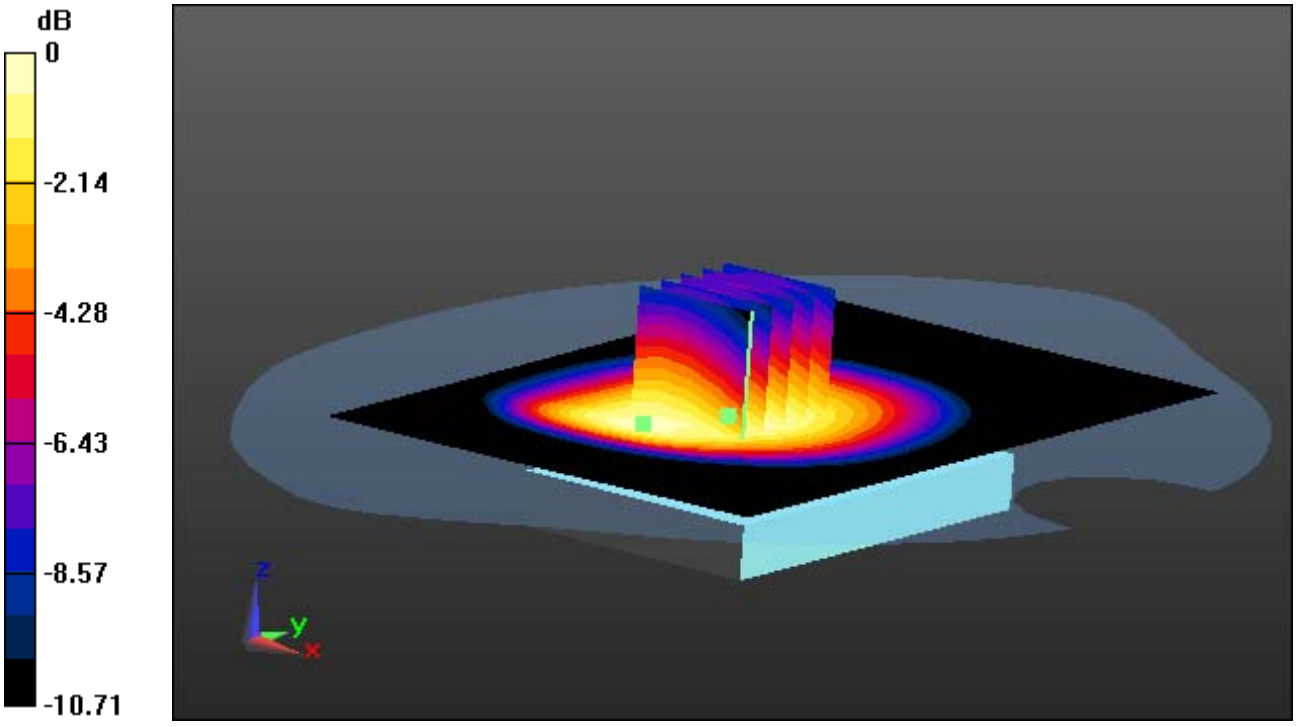
Communication System: GSM 850_12; Frequency: 848.8 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 848.8 MHz; σ = 0.96 mho/m; ε_r = 53.275; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 251, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.466 mW/g
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.797 W/kg



0 dB = 1.31 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 848.8 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 848.8 MHz; σ = 0.96 mho/m; ε_r = 53.275; ρ = 1000 kg/m^3
Phantom section: Flat Section

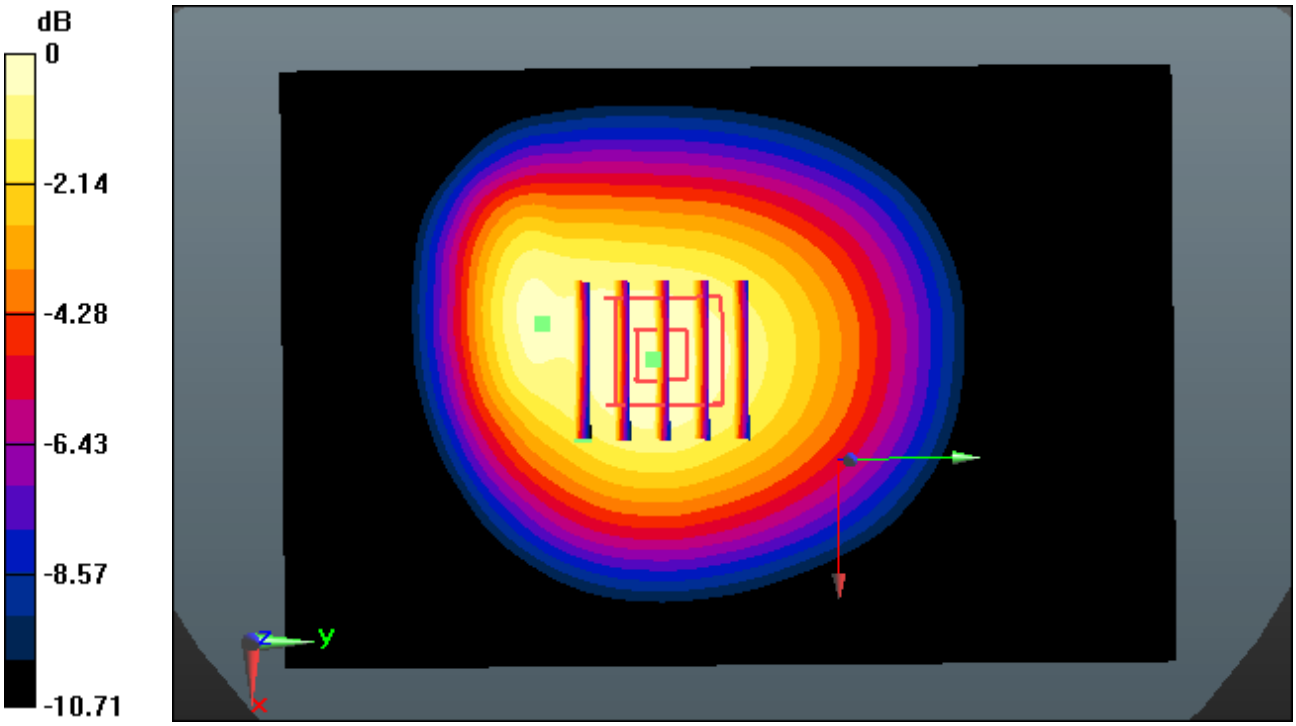
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 251, Ant Internal

With Enlarge plot image

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.466 mW/g
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.797 W/kg



0 dB = 1.31 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

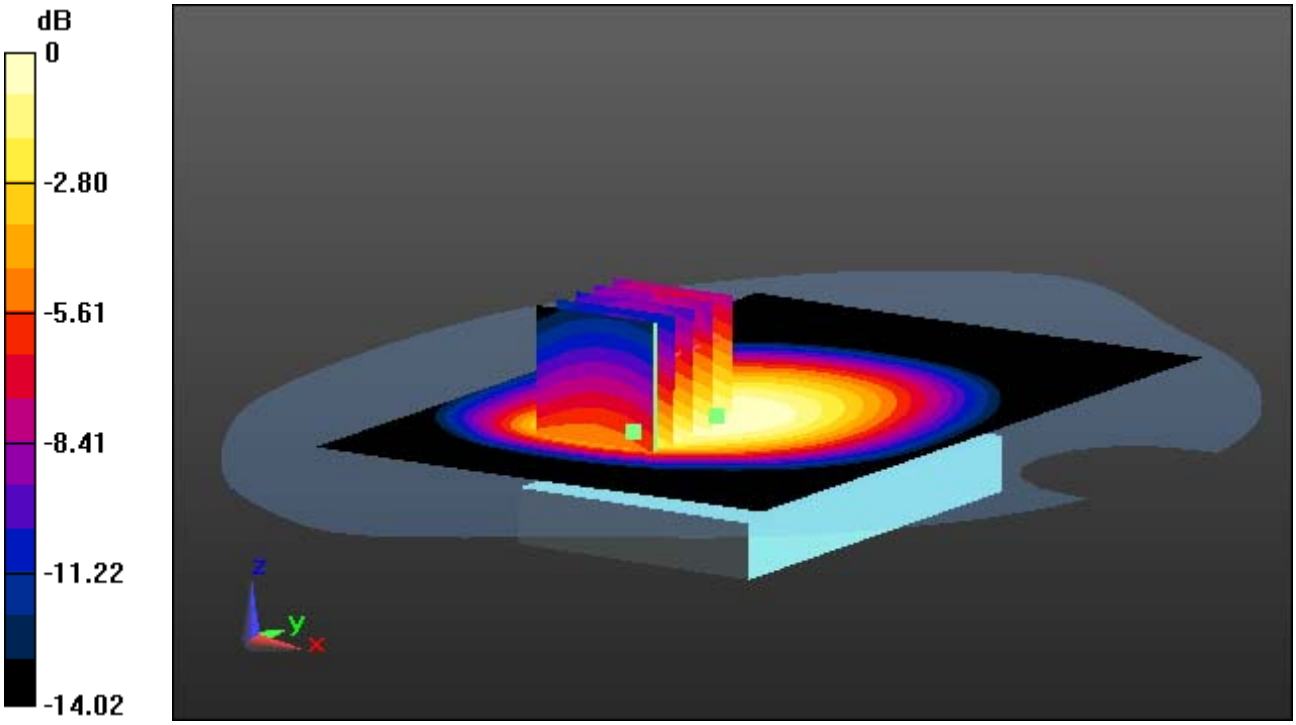
Communication System: GSM 850_12; Frequency: 848.8 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 848.8 MHz; σ = 0.96 mho/m; ε_r = 53.275; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 251, 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 = -0.14 dB
Peak SAR (extrapolated) = 1.398 mW/g
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.694 W/kg



0 dB = 1.25 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 848.8 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 848.8 MHz; σ = 0.96 mho/m; ε_r = 53.275; ρ = 1000 kg/m^3
Phantom section: Flat Section

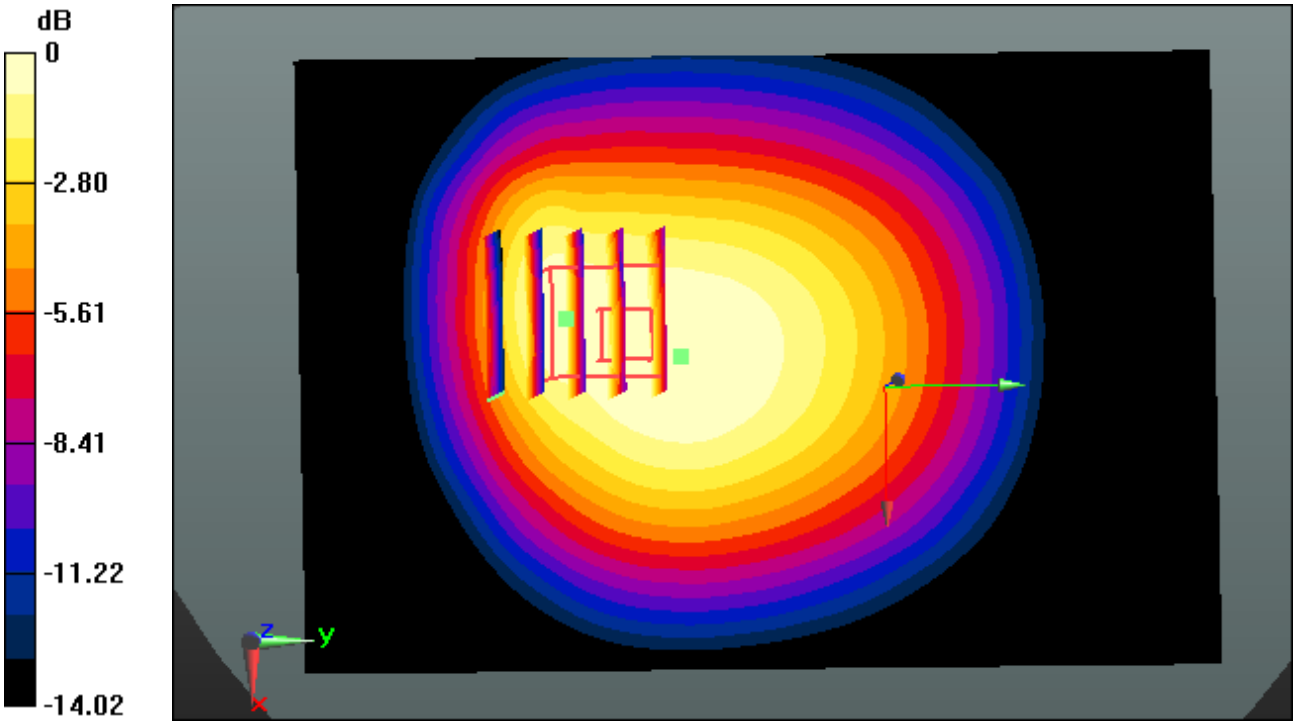
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 251, 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 = -0.14 dB
Peak SAR (extrapolated) = 1.398 mW/g
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.694 W/kg



0 dB = 1.25 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

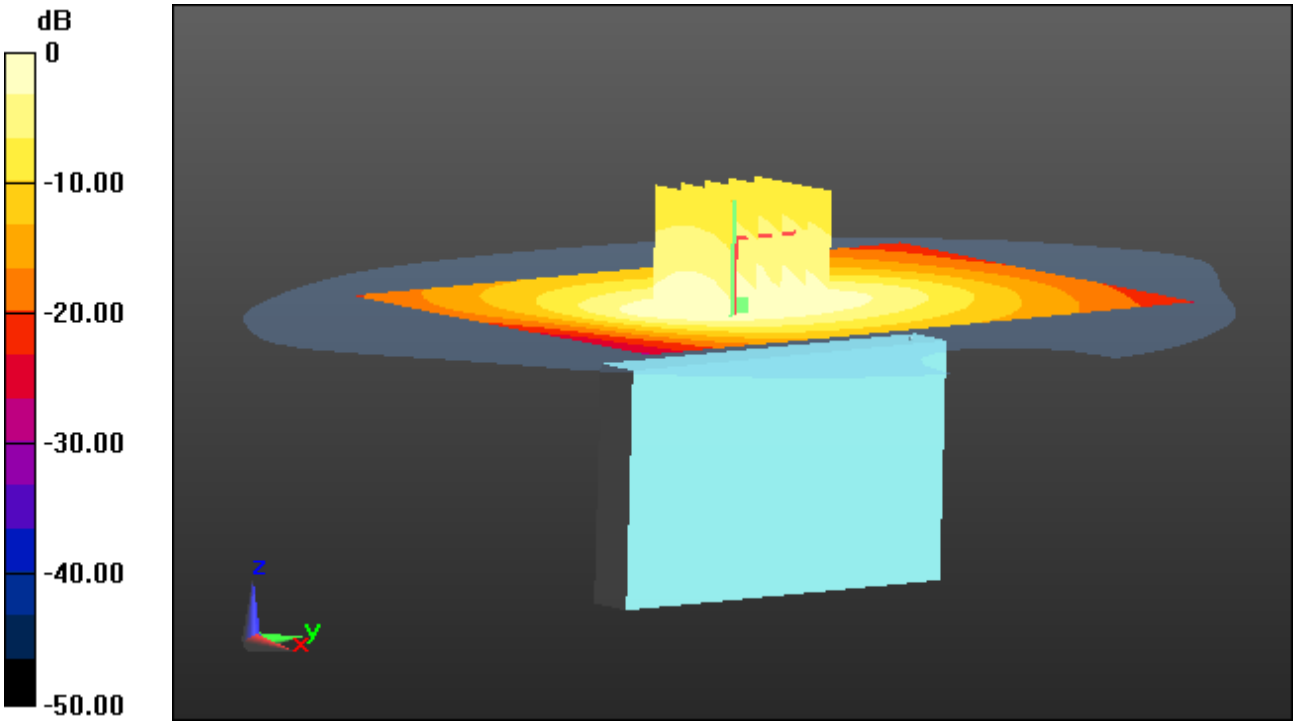
Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Right, 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 = -0.14 dB
Peak SAR (extrapolated) = 1.018 mW/g
SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.512 W/kg



0 dB = 0.894 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

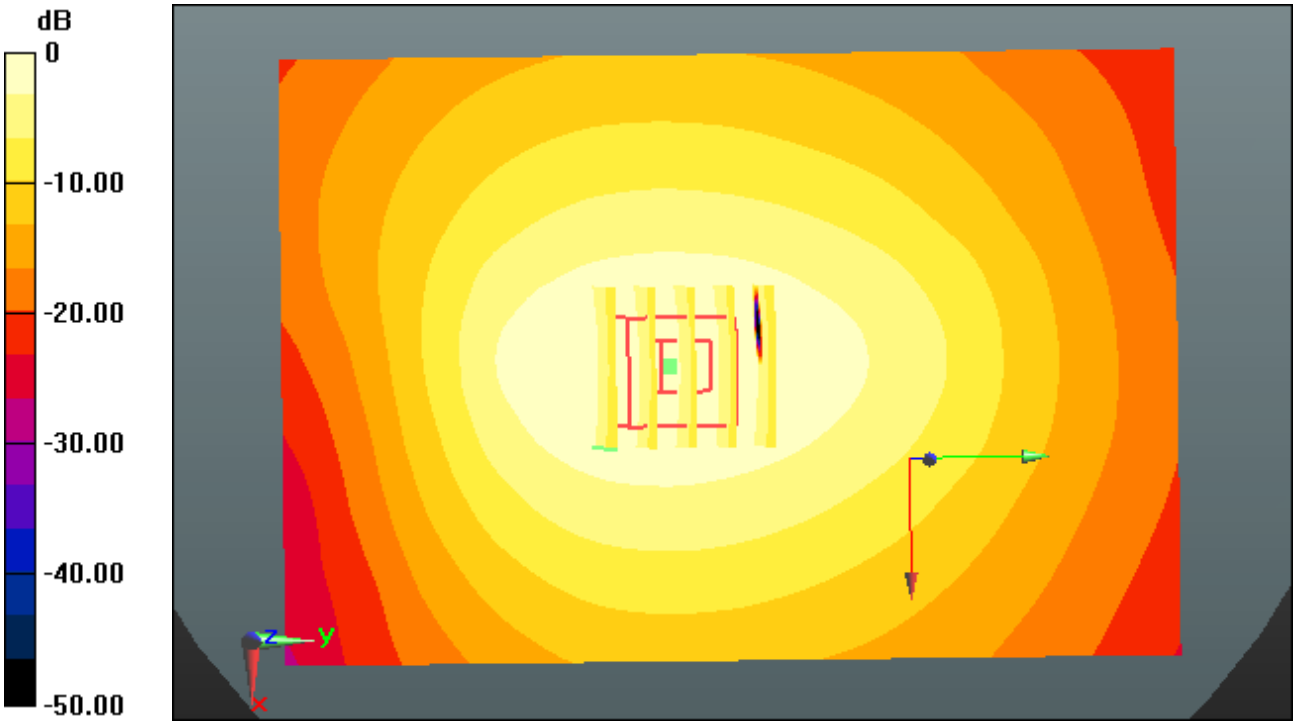
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Right, 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 = -0.14 dB
Peak SAR (extrapolated) = 1.018 mW/g
SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.512 W/kg



0 dB = 0.894 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

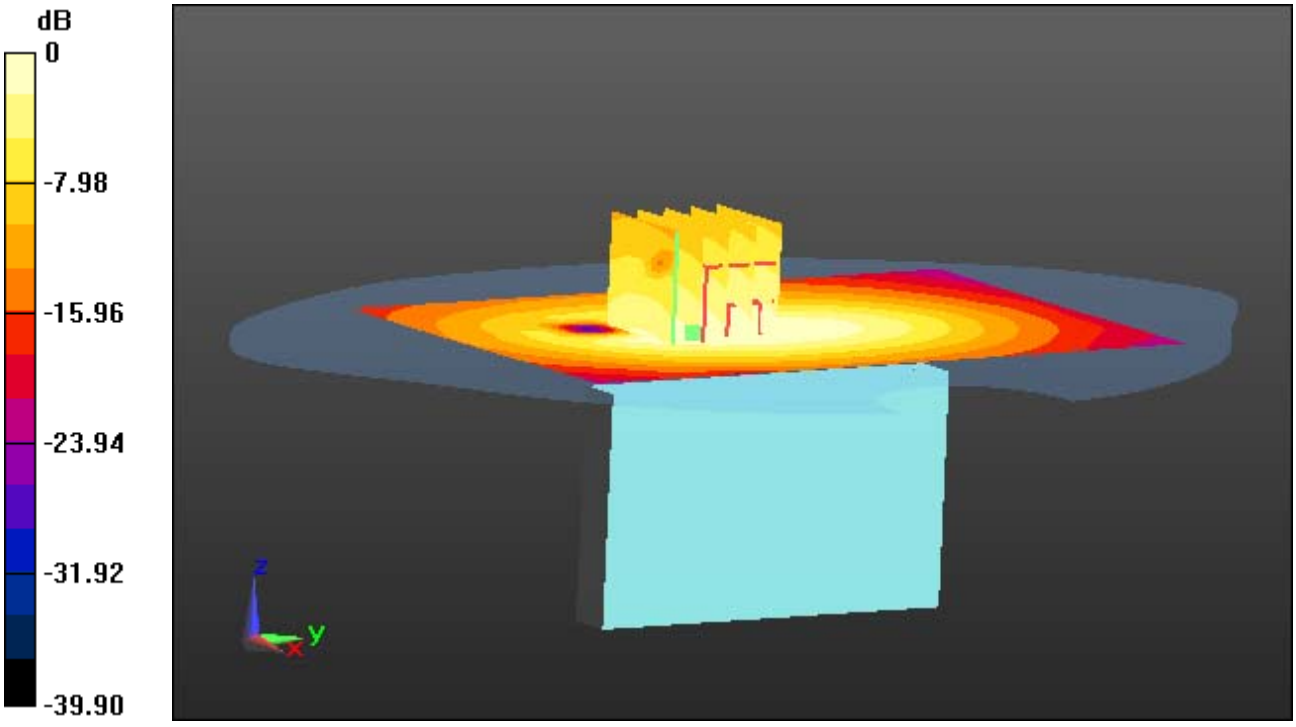
Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Left, 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 = -0.07 dB
Peak SAR (extrapolated) = 0.704 mW/g
SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.327 W/kg



0 dB = 0.604 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

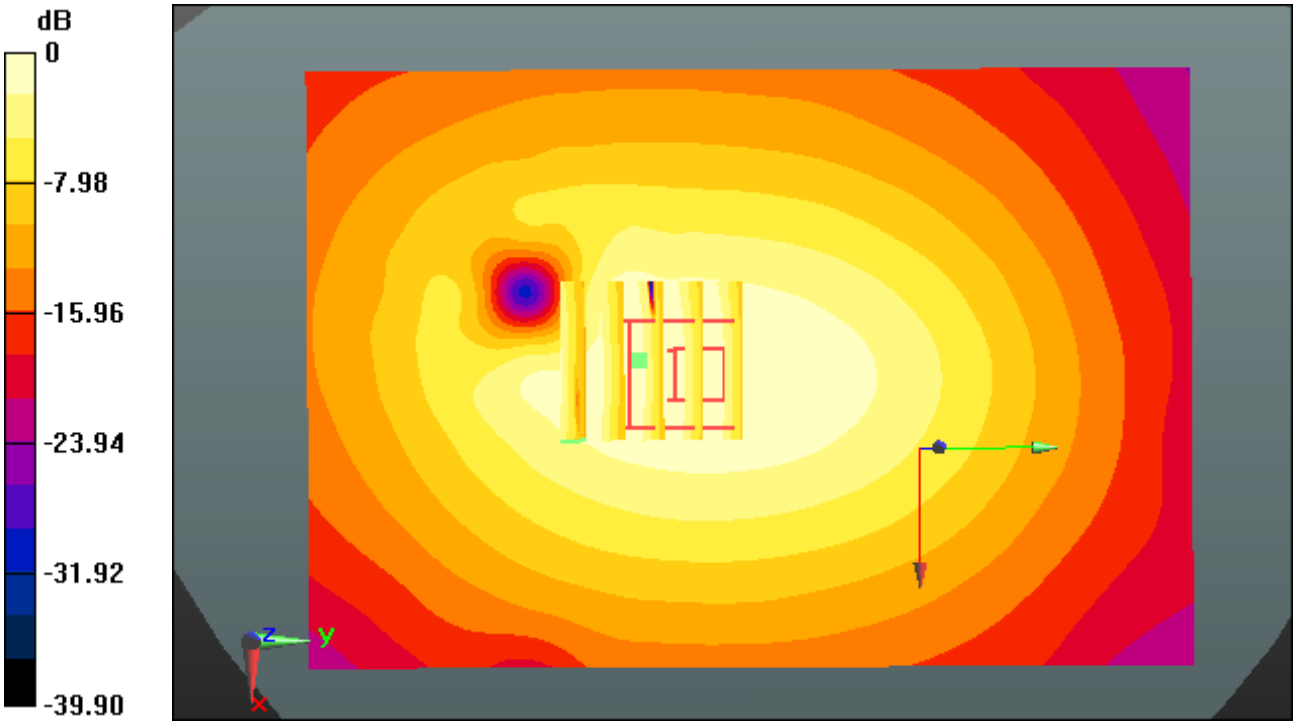
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Left, 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 = -0.07 dB
Peak SAR (extrapolated) = 0.704 mW/g
SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.327 W/kg



0 dB = 0.604 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

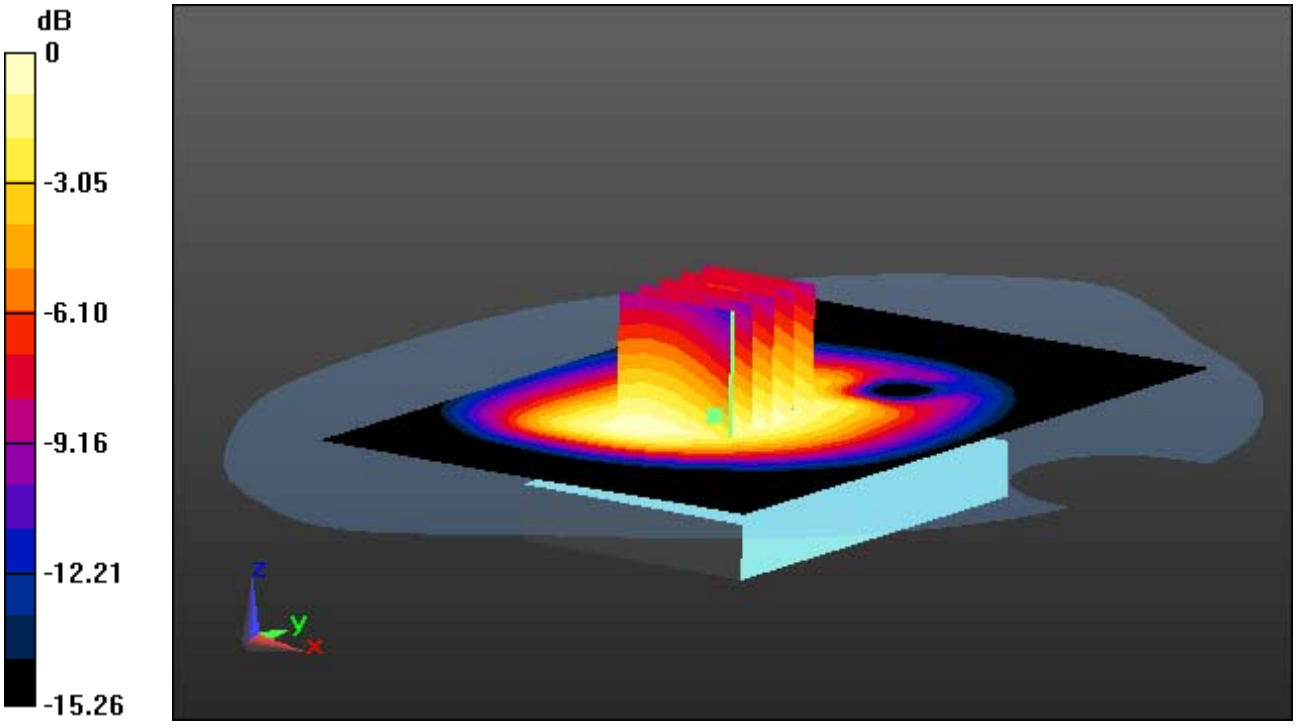
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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

With Ear Phone

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) = 2.279 mW/g
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.817 W/kg



0 dB = 1.34 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

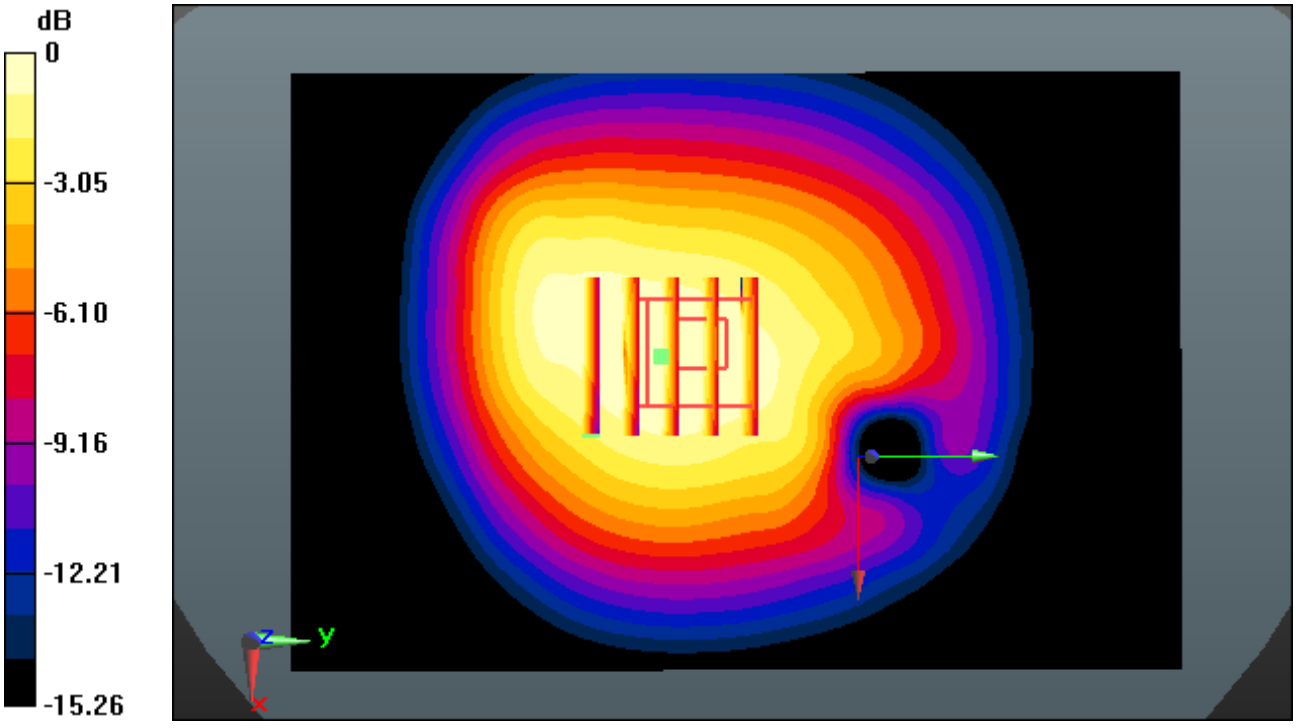
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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

With Ear Phone, 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) = 2.279 mW/g
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.817 W/kg



0 dB = 1.34 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

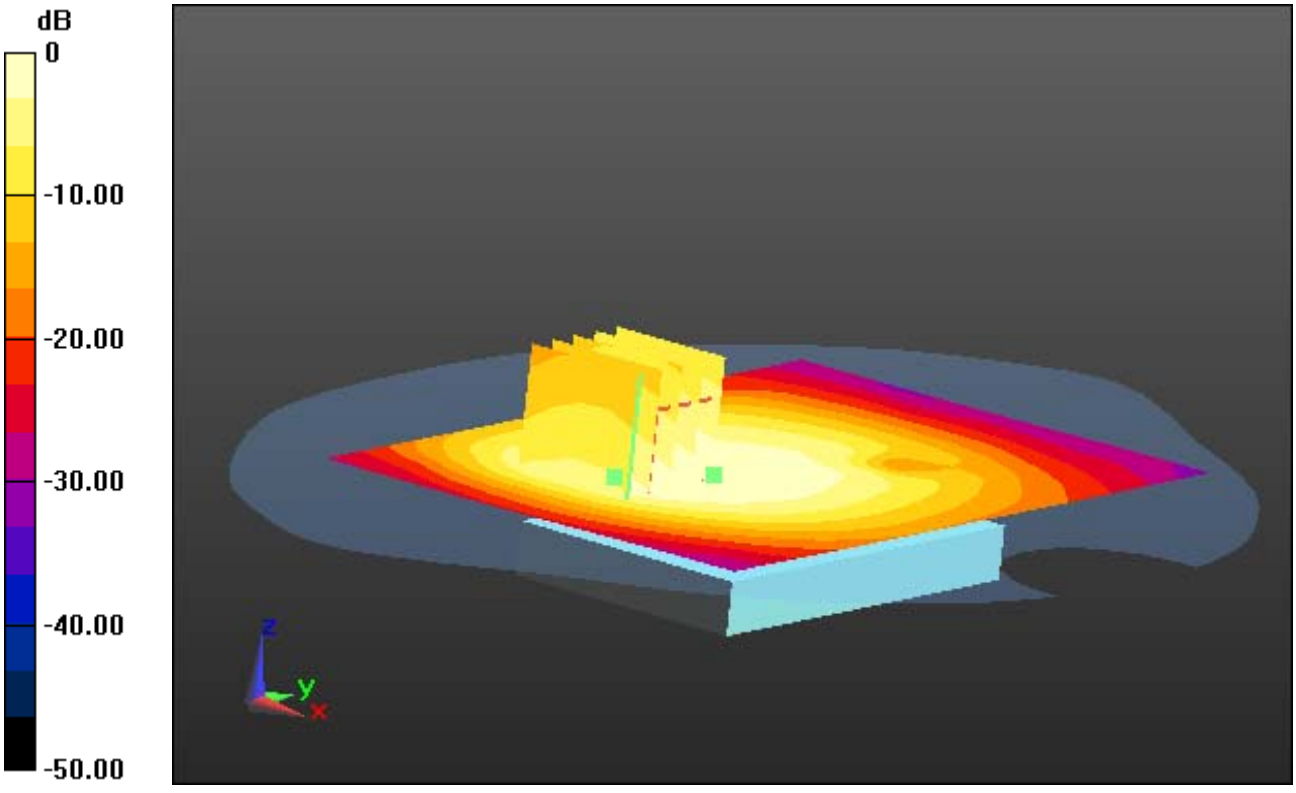
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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

SAR Variability Result

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) = 1.859 mW/g
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.779 W/kg



0 dB = 1.49 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

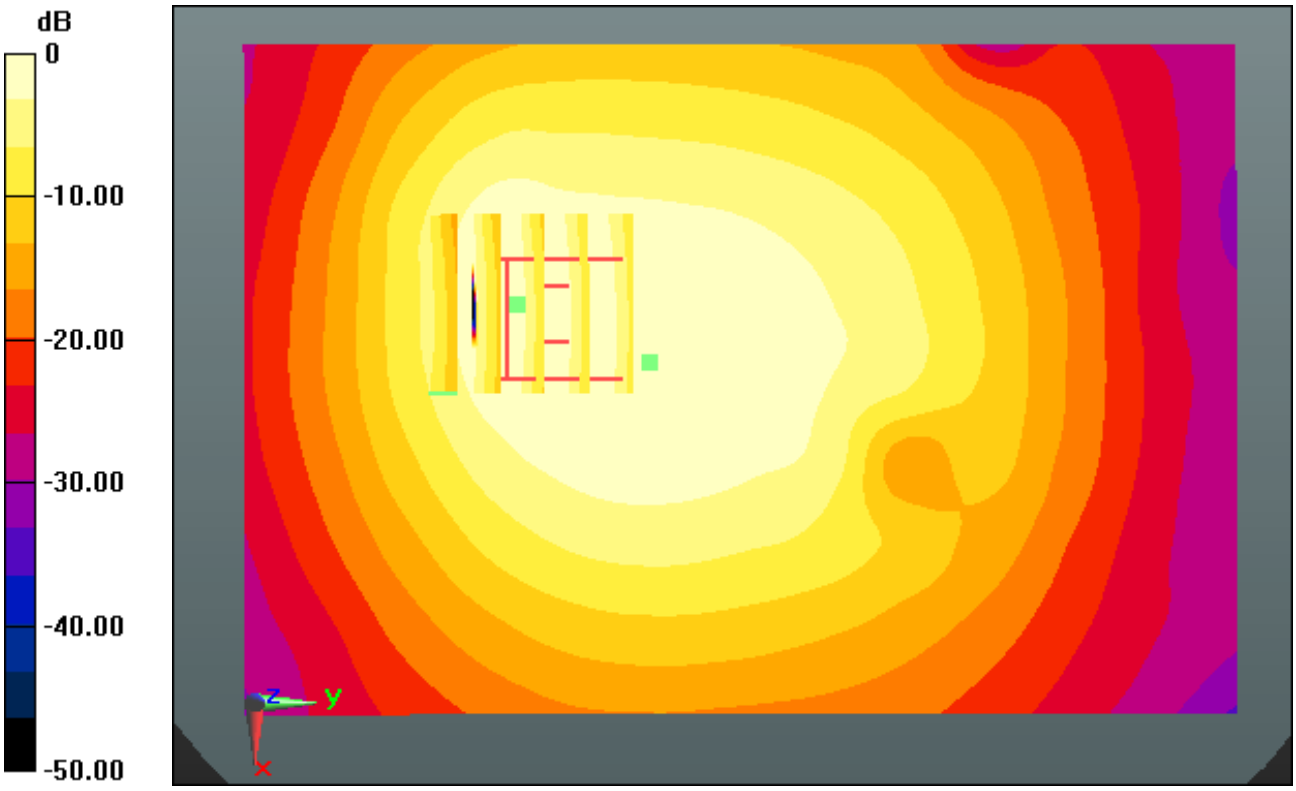
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 190, 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 = -0.02 dB
Peak SAR (extrapolated) = 1.859 mW/g
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.779 W/kg



0 dB = 1.49 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

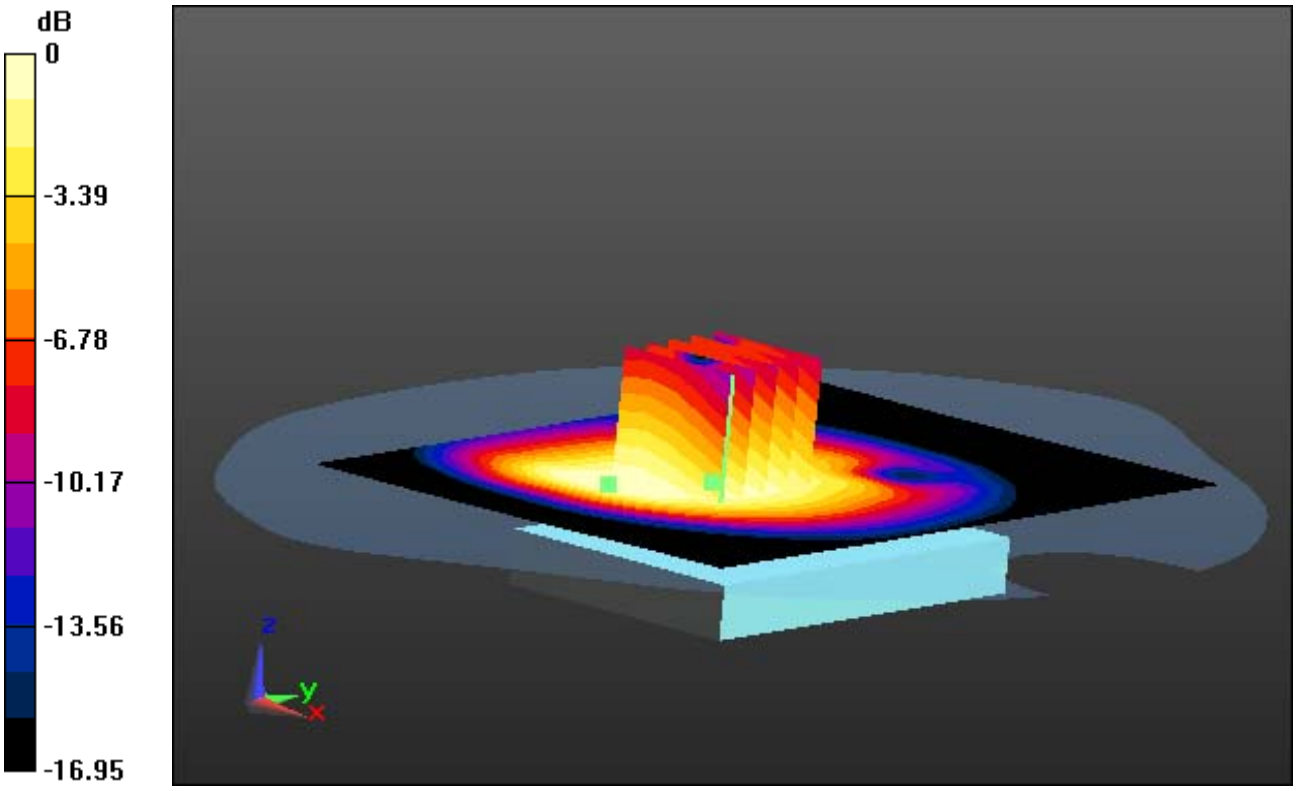
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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

SAR Variability Result

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.614 mW/g
SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.877 W/kg



0 dB = 1.44 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

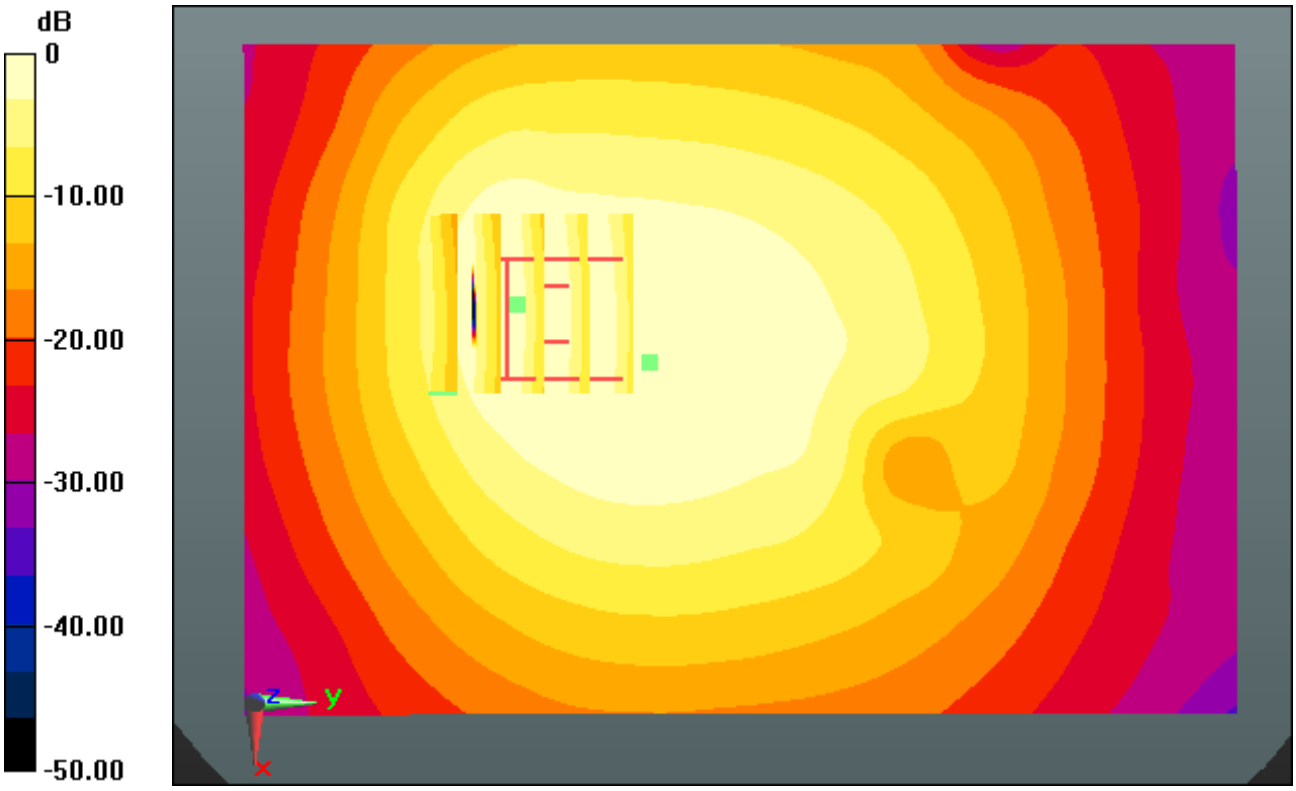
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 190, 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 = -0.02 dB
Peak SAR (extrapolated) = 1.859 mW/g
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.779 W/kg



0 dB = 1.49 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

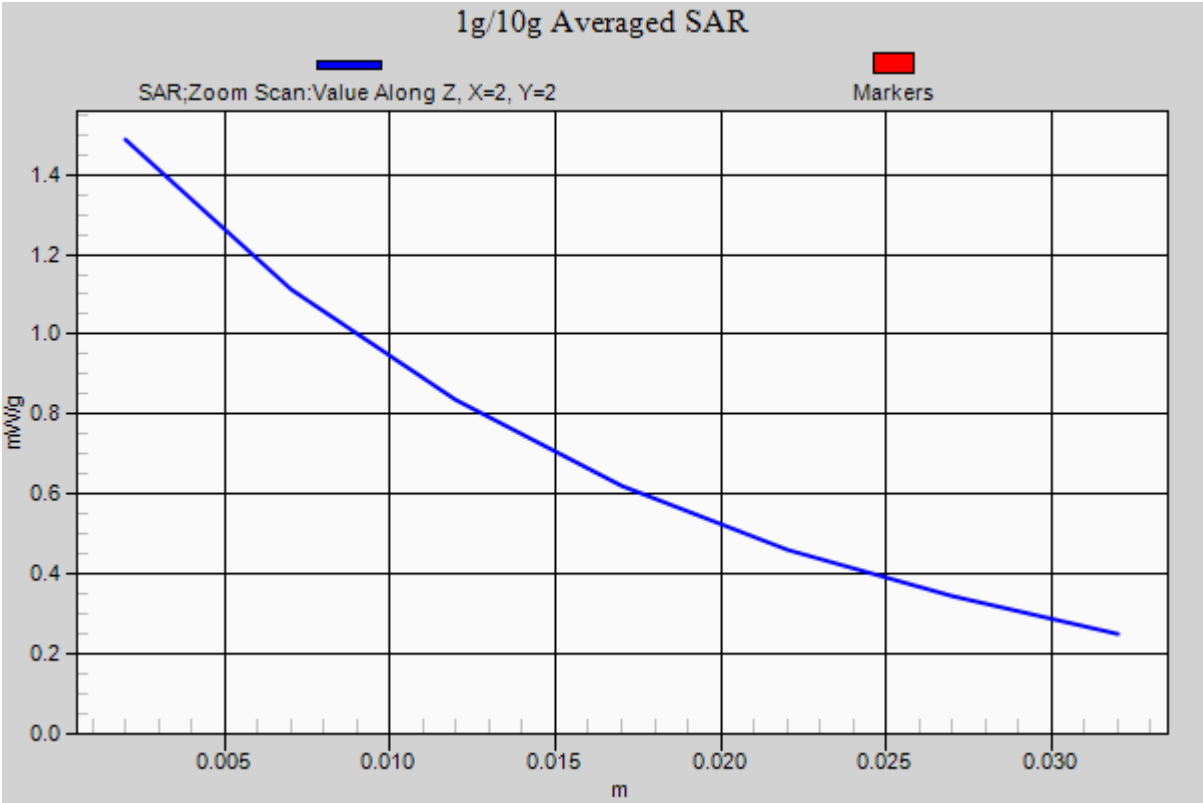
Communication System: GSM 850_12; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.949 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-19; Ambient Temp: 21.3 Tissue Temp:21.6

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 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.671 mW/g
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.903 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

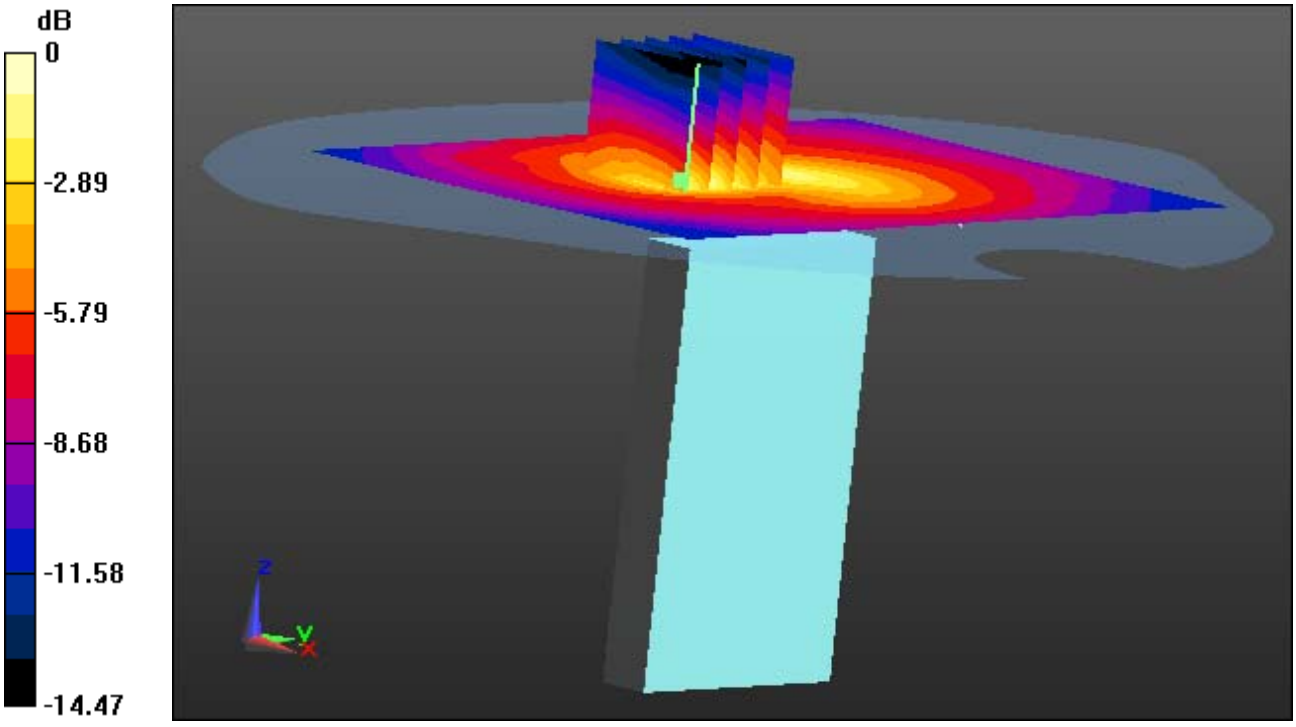
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Bottom, 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 = 0.02 dB
Peak SAR (extrapolated) = 0.174 mW/g
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.128 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

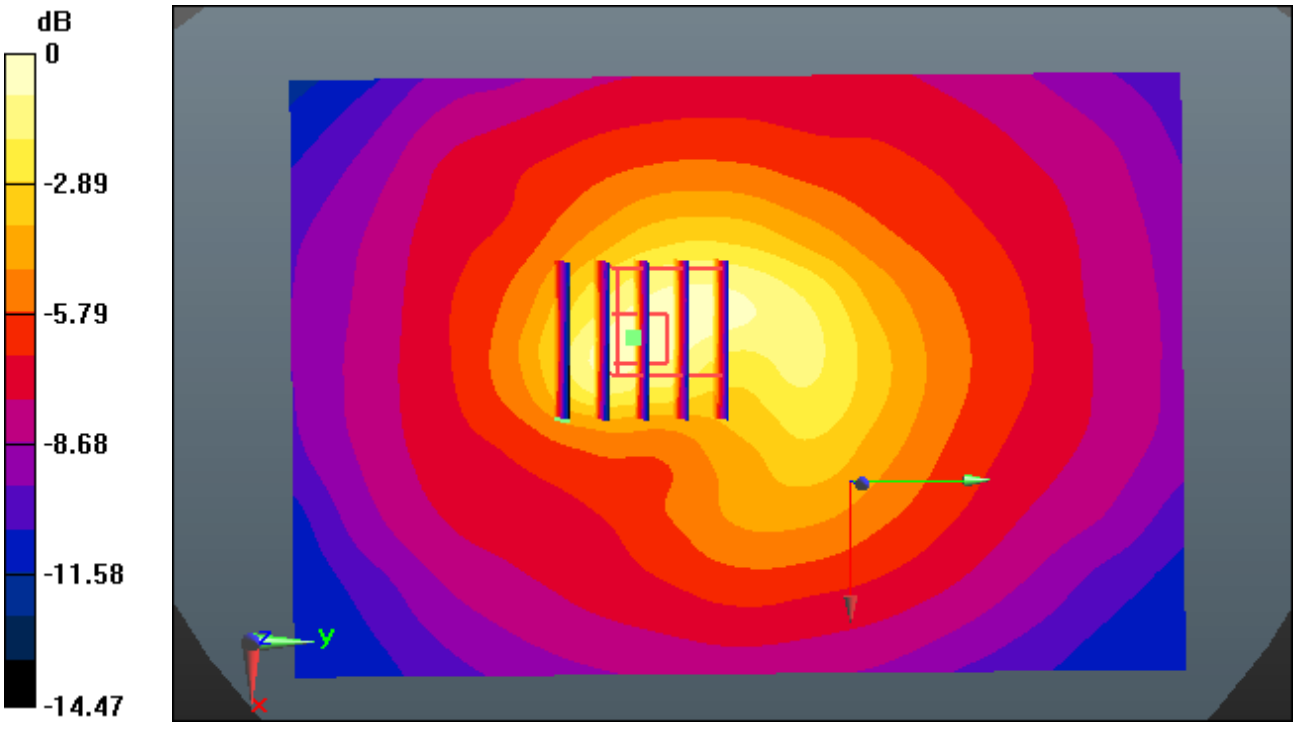
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Bottom, 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 = 0.02 dB
Peak SAR (extrapolated) = 0.174 mW/g
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.128 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

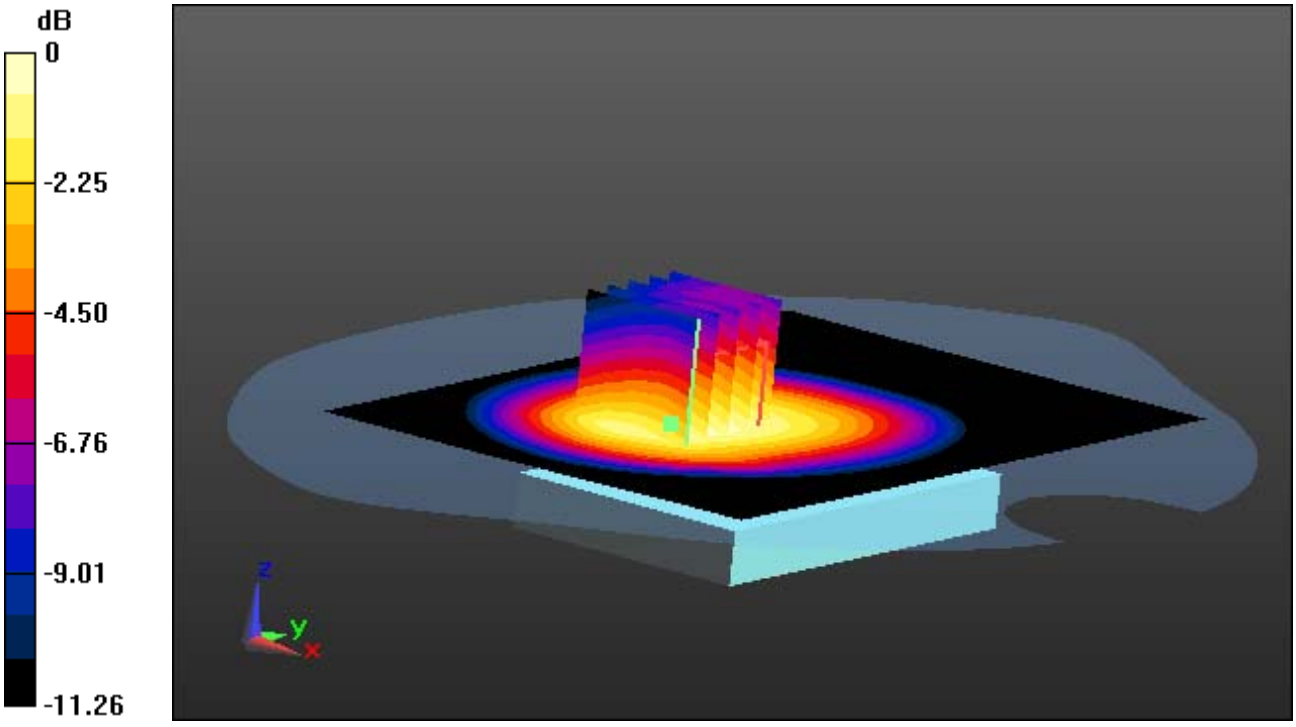
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Front, 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 = -0.11 dB
Peak SAR (extrapolated) = 0.667 mW/g
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.362 W/kg



0 dB = 0.592 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

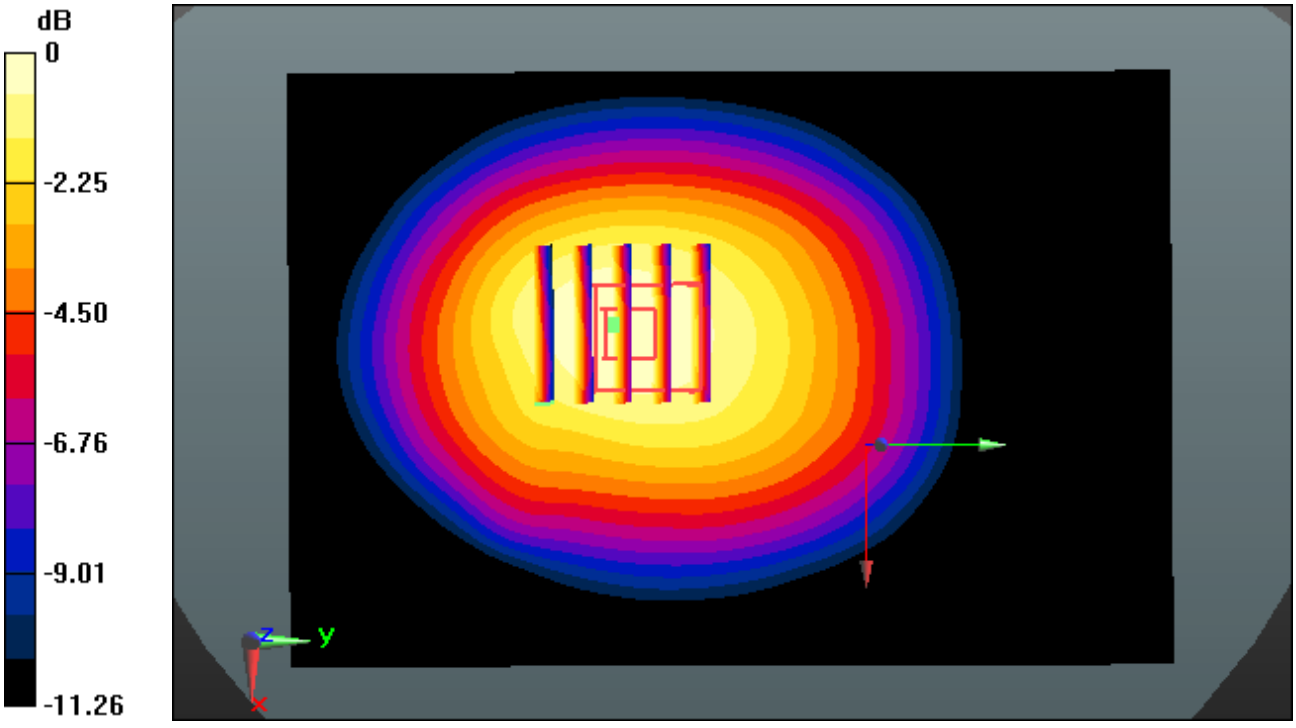
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Front, 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 = -0.11 dB
Peak SAR (extrapolated) = 0.667 mW/g
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.362 W/kg



0 dB = 0.592 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

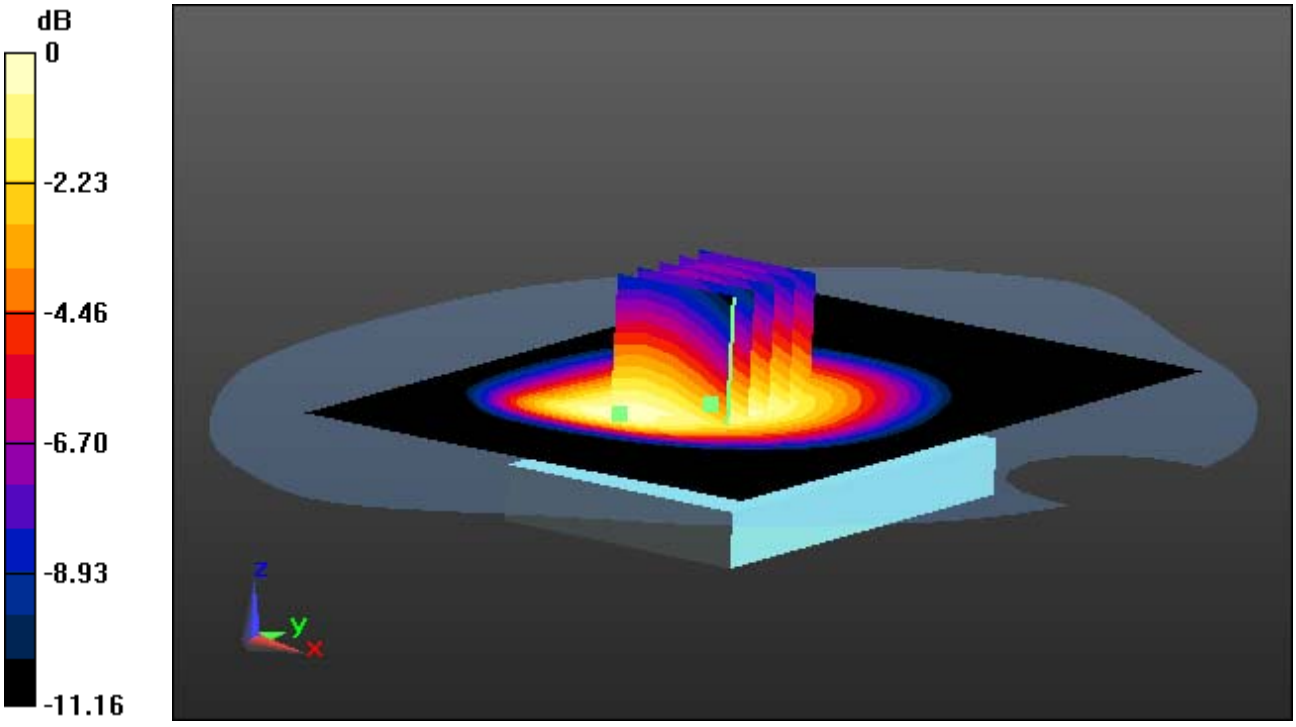
Communication System: WCDMA 850 ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.938 mho/m; ε_r = 53.379; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4132, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.946 mW/g
SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.512 W/kg



0 dB = 0.844 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.938 mho/m; ε_r = 53.379; ρ = 1000 kg/m^3
Phantom section: Flat Section

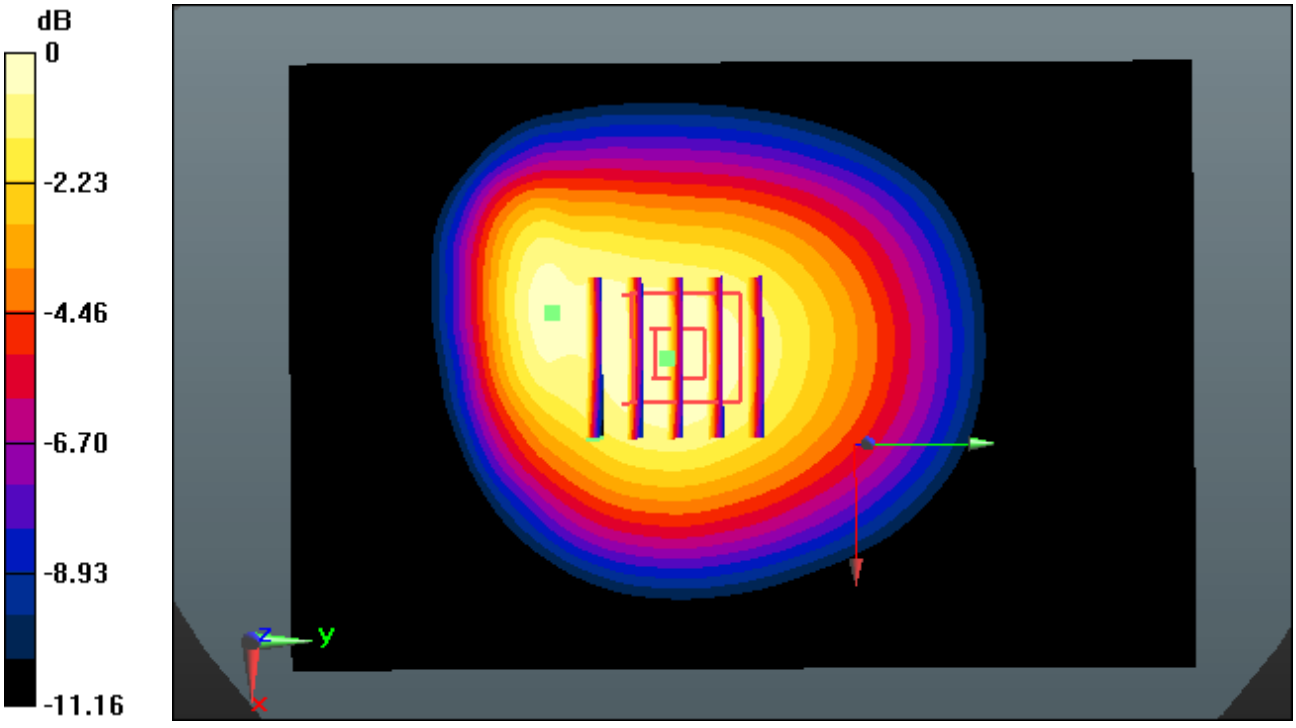
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4132, 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) = 0.946 mW/g
SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.512 W/kg



0 dB = 0.844 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

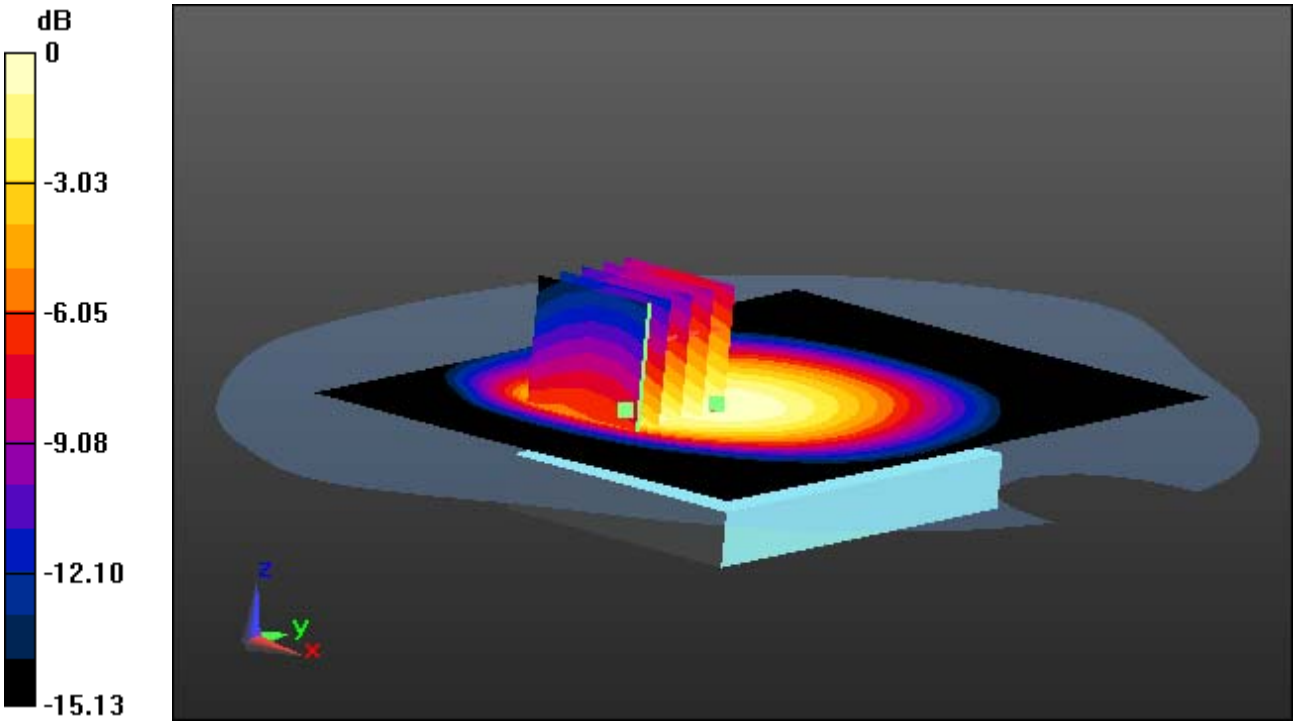
Communication System: WCDMA 850 ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.938 mho/m; ε_r = 53.379; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4132, 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) = 1.018 mW/g
SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.456 W/kg



0 dB = 0.851 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.938 mho/m; ε_r = 53.379; ρ = 1000 kg/m^3
Phantom section: Flat Section

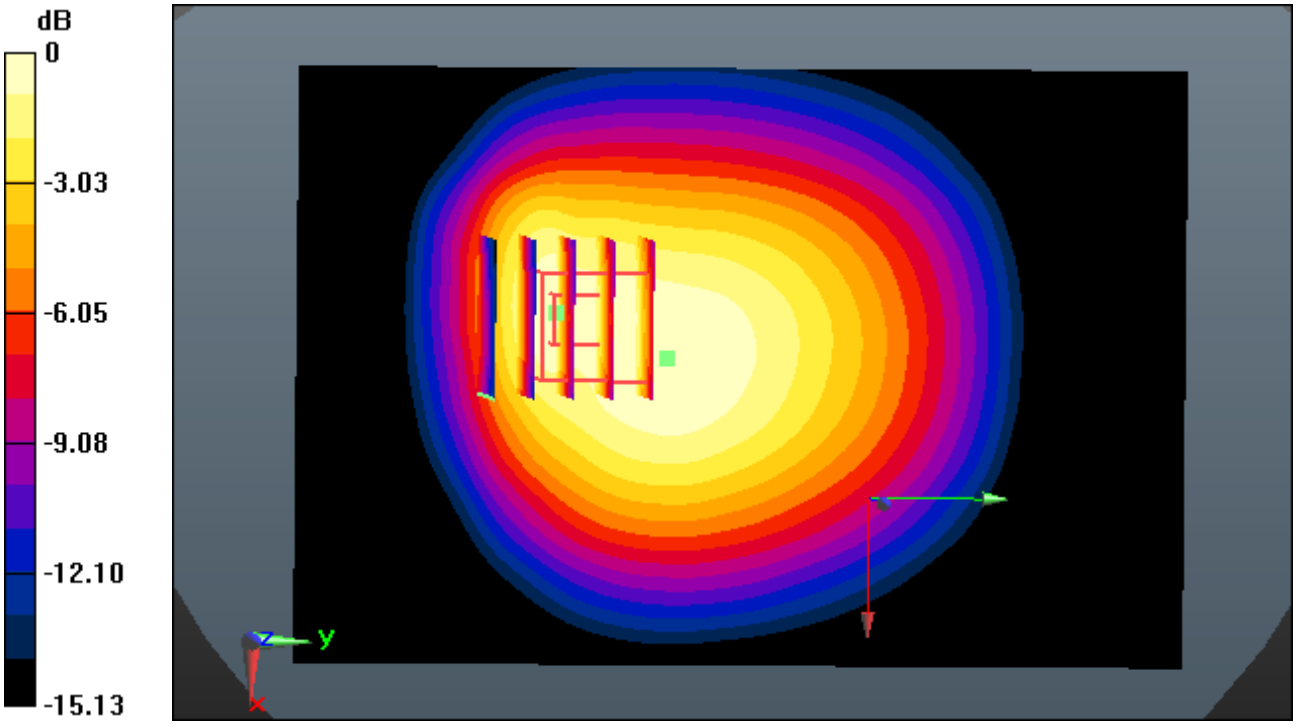
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4132, 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) = 1.018 mW/g
SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.456 W/kg



0 dB = 0.851 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

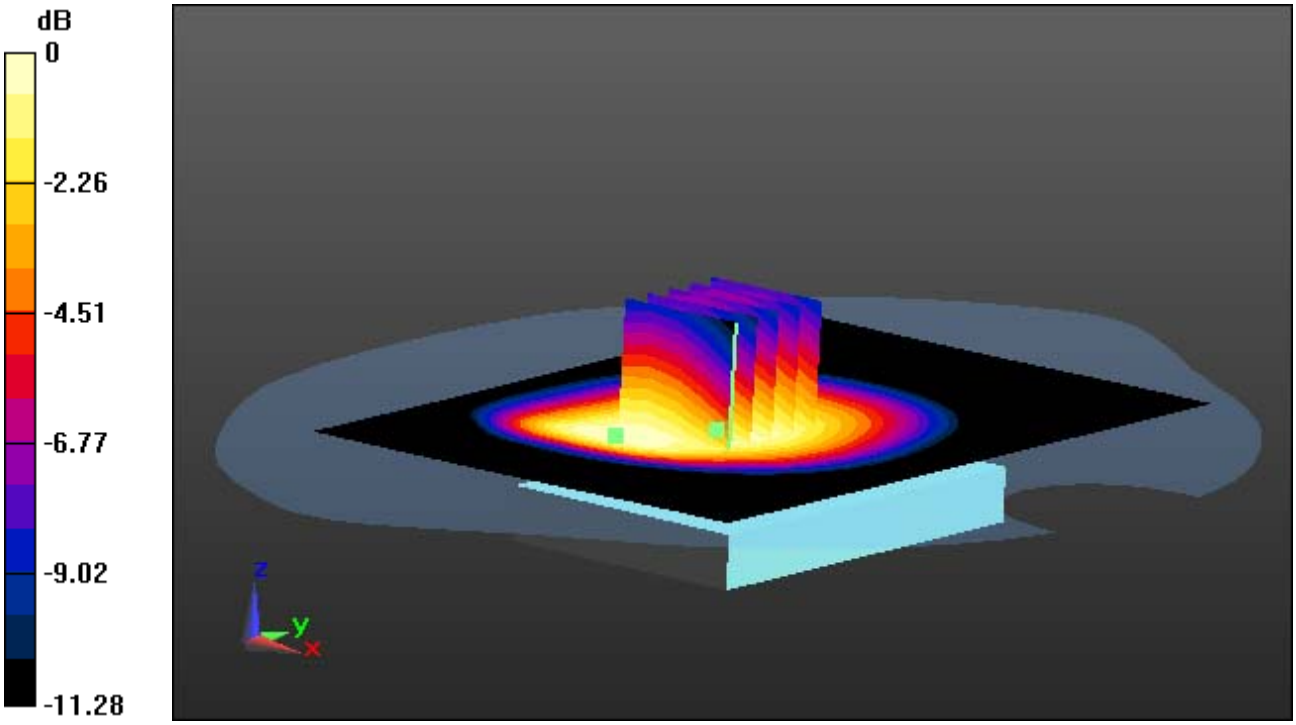
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, 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 = -0.07 dB
Peak SAR (extrapolated) = 1.211 mW/g
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.659 W/kg



0 dB = 1.08 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

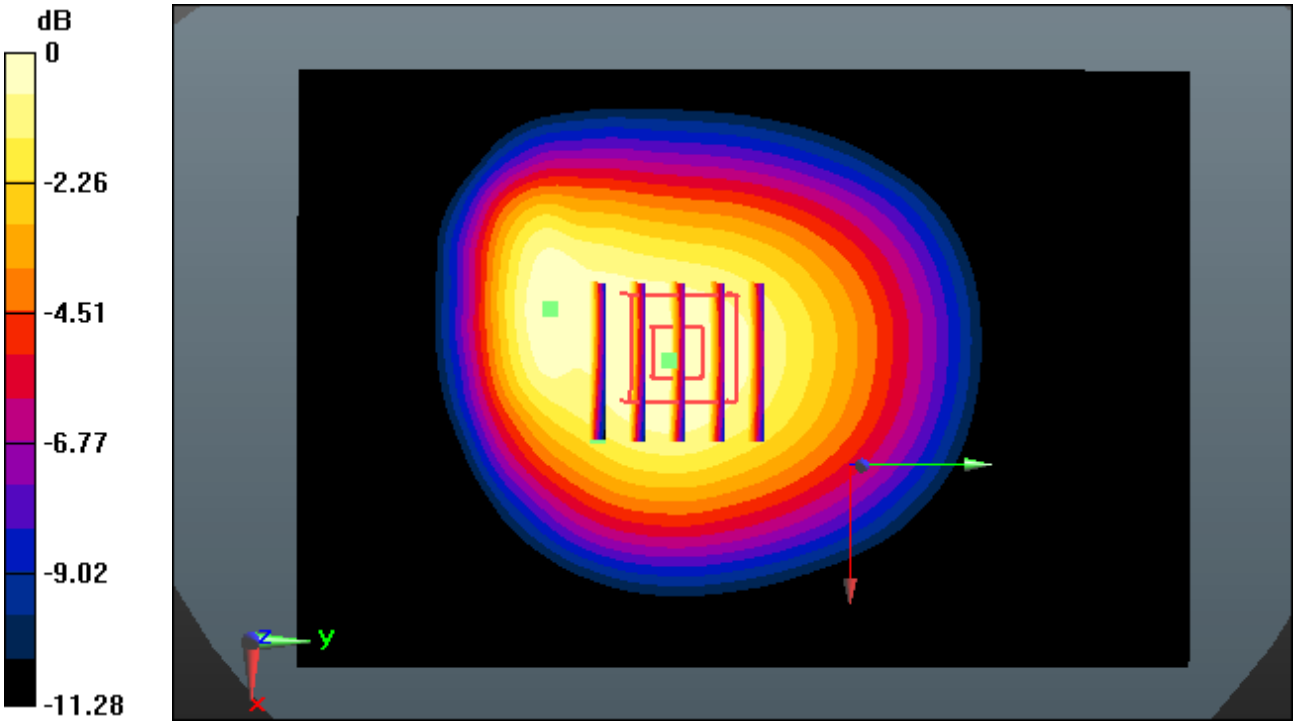
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, 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 = -0.07 dB
Peak SAR (extrapolated) = 1.211 mW/g
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.659 W/kg



0 dB = 1.08 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

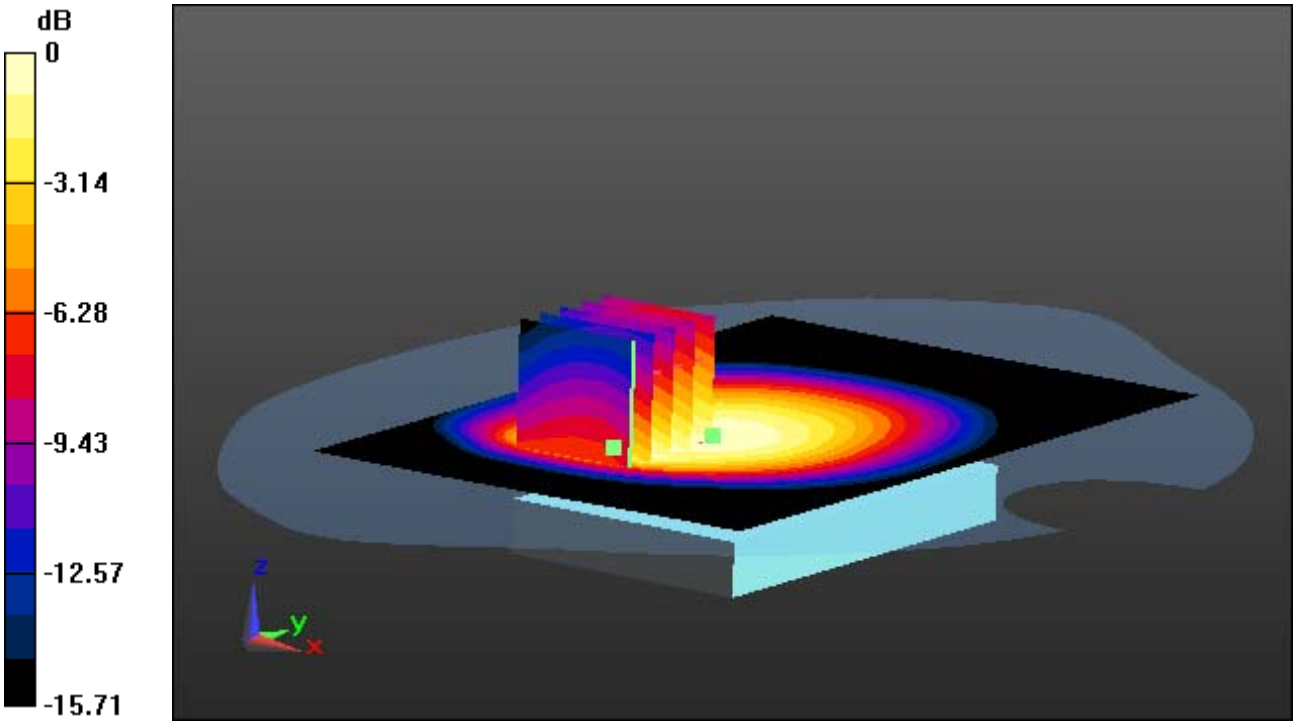
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4183, 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) = 1.374 mW/g
SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.588 W/kg



0 dB = 1.13 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

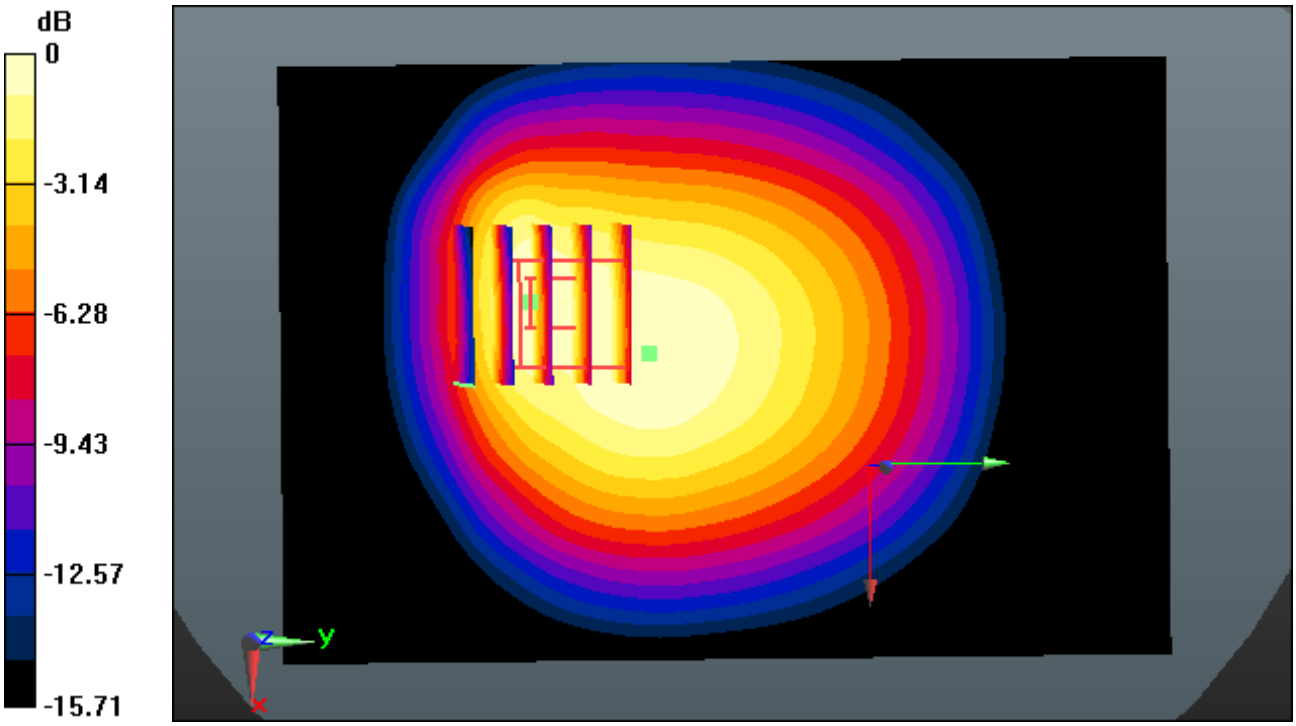
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4183, 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 = -0.07 dB
Peak SAR (extrapolated) = 1.374 mW/g
SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.588 W/kg



0 dB = 1.13 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

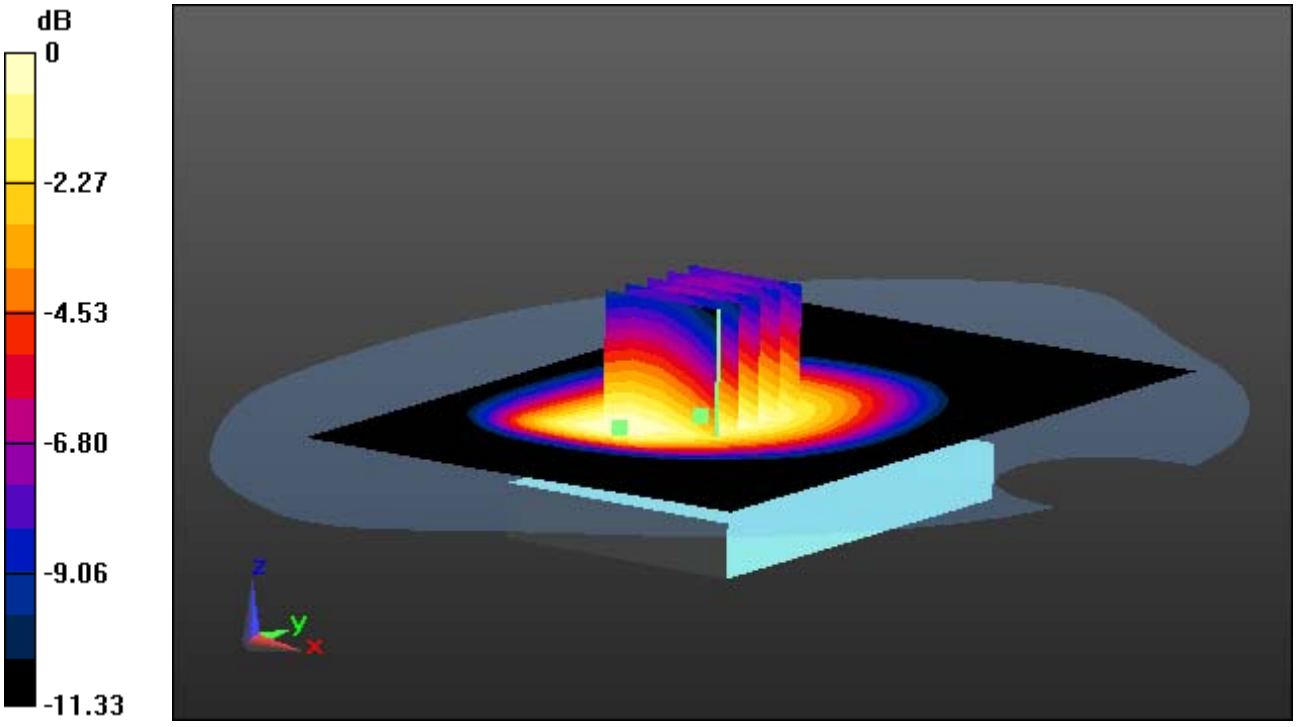
Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.957 mho/m; ε_r = 53.24; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4233, 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) = 1.419 mW/g
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.775 W/kg



0 dB = 1.27 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.957 mho/m; ε_r = 53.24; ρ = 1000 kg/m^3
Phantom section: Flat Section

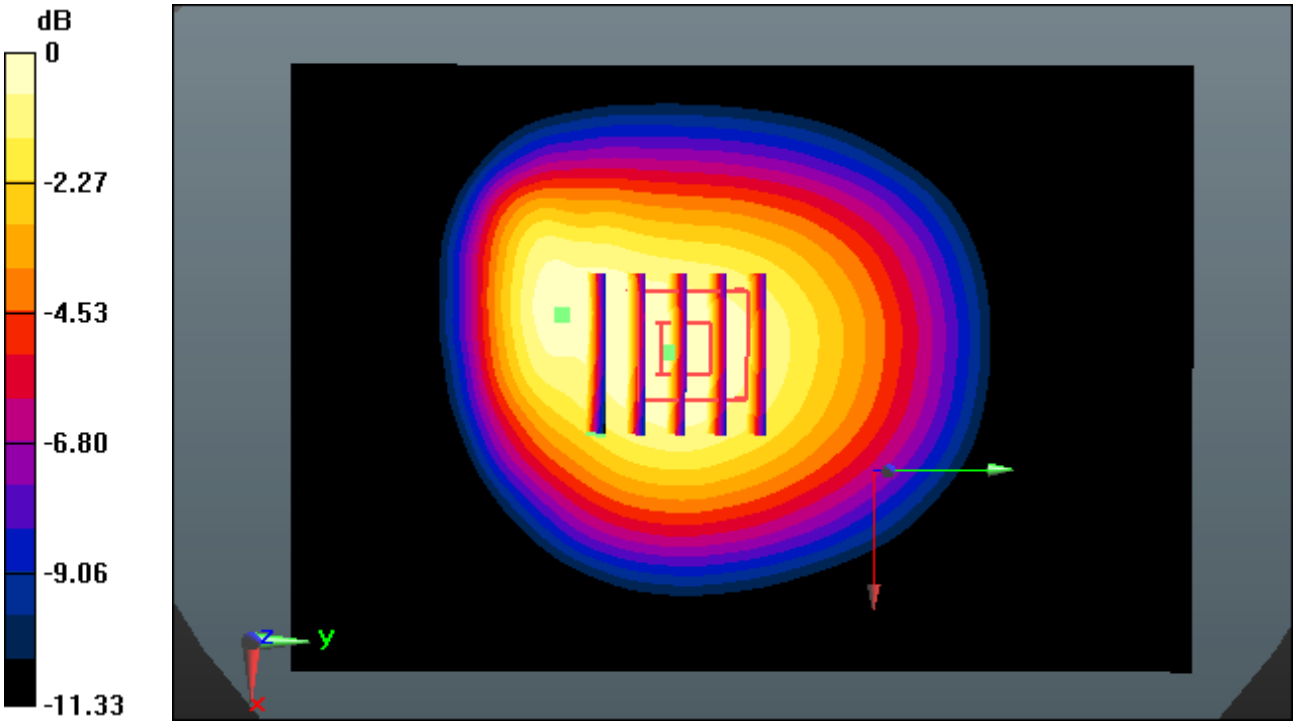
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4233, 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) = 1.419 mW/g
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.775 W/kg



0 dB = 1.27 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

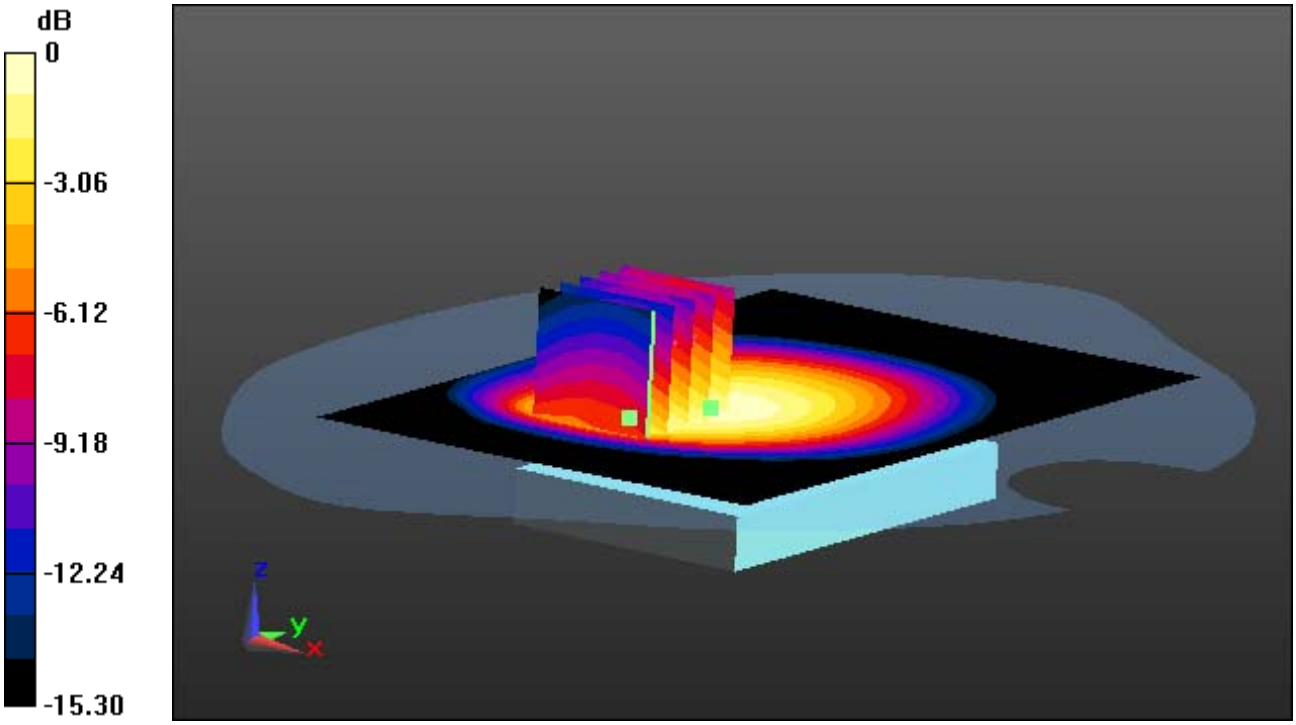
Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.957 mho/m; ε_r = 53.24; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4233, 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) = 1.621 mW/g
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.699 W/kg



0 dB = 1.35 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.957 mho/m; ε_r = 53.24; ρ = 1000 kg/m^3
Phantom section: Flat Section

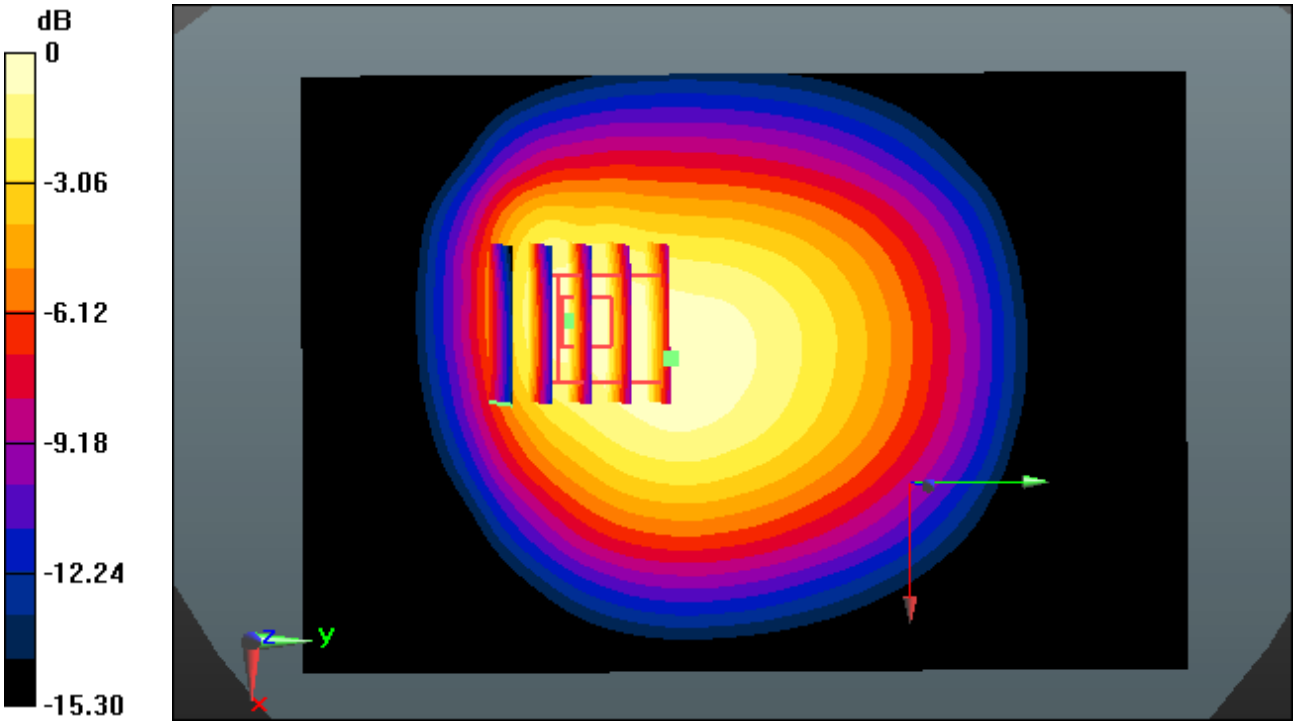
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4233, 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) = 1.621 mW/g
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.699 W/kg



0 dB = 1.35 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

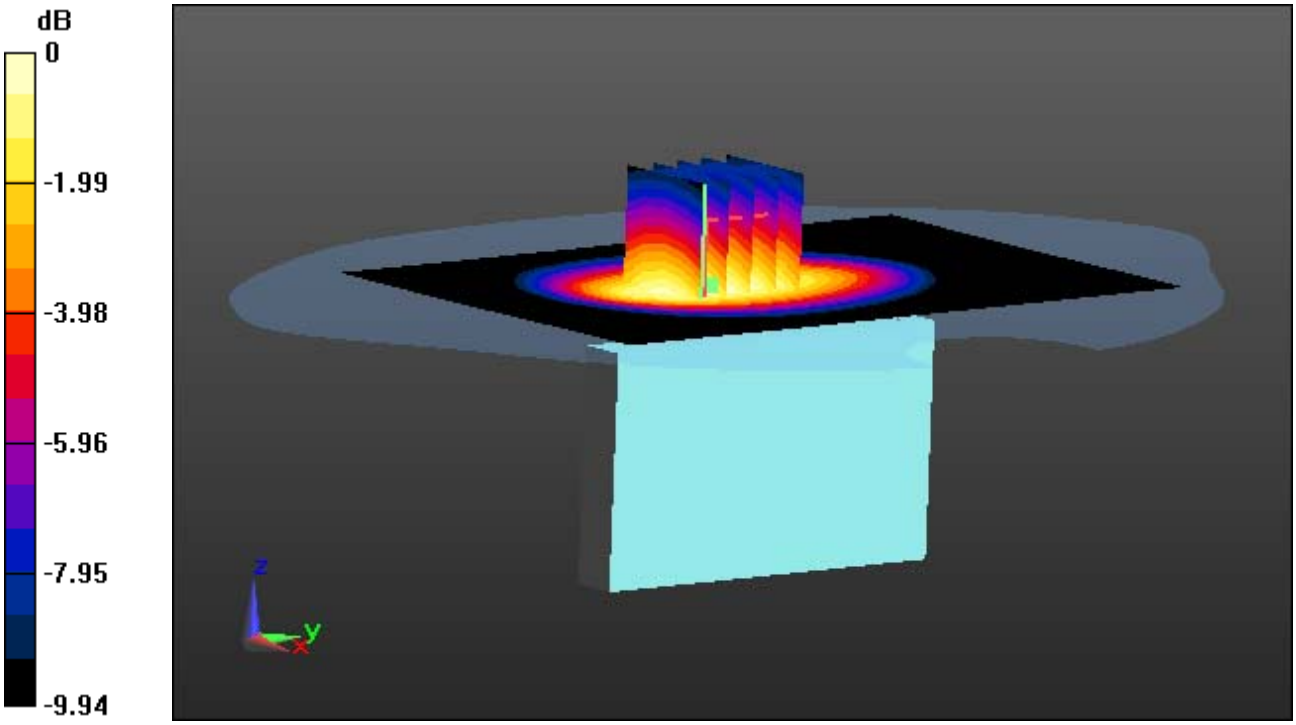
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

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) = 0.740 mW/g
SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.370 W/kg



0 dB = 0.644 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

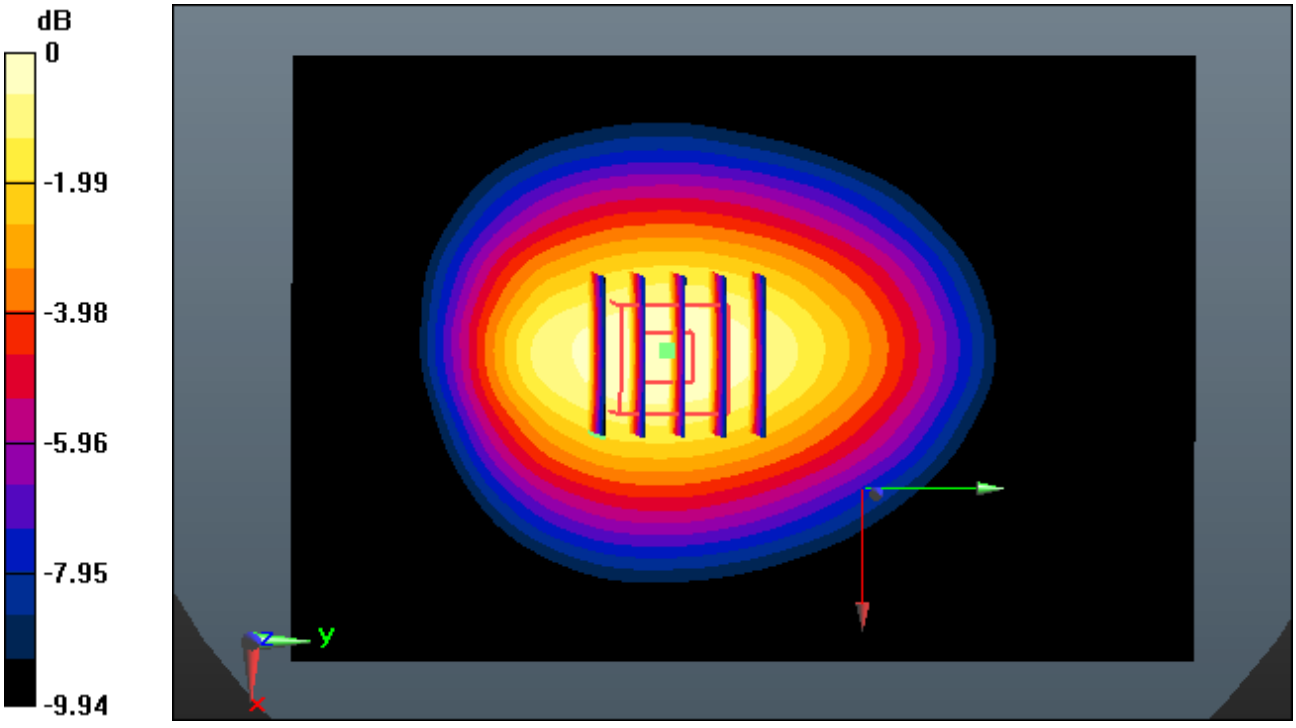
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Right, 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) = 0.740 mW/g
SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.370 W/kg



0 dB = 0.644 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

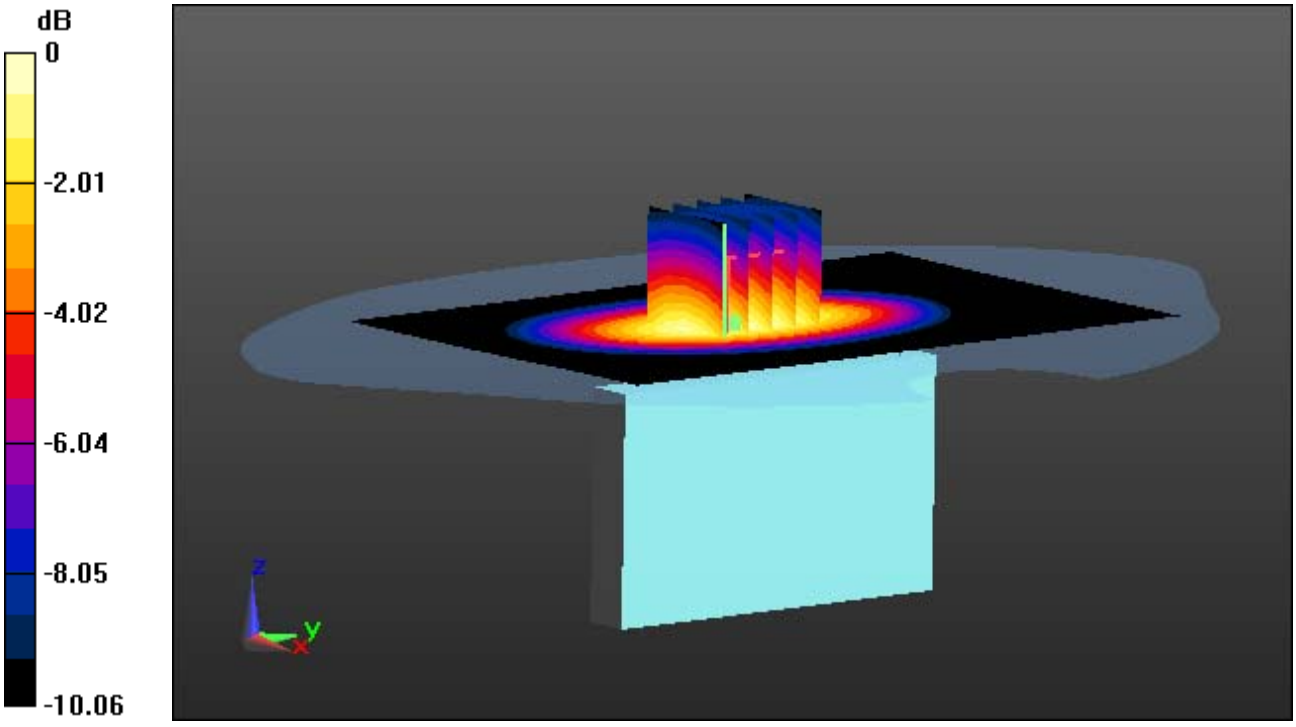
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

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 = 0.02 dB
Peak SAR (extrapolated) = 0.463 mW/g
SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.222 W/kg



0 dB = 0.400 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.948 mho/m; ε_r = 53.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

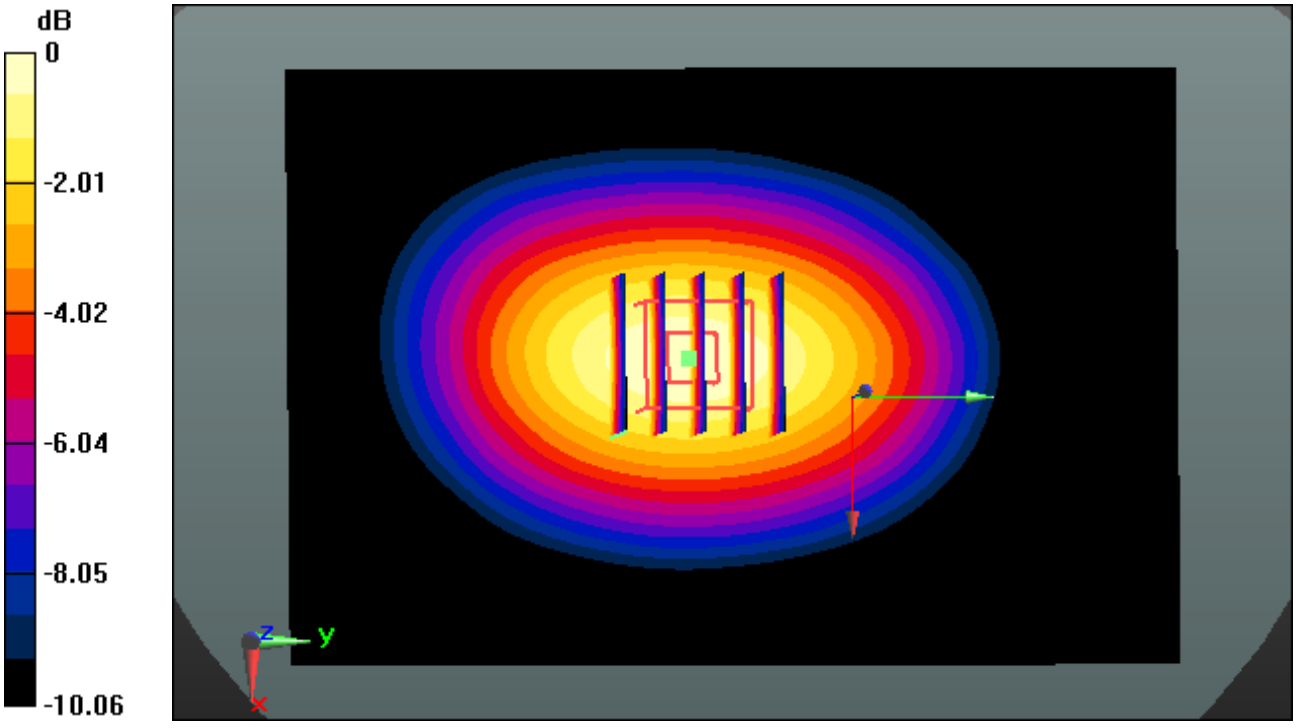
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

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 = 0.02 dB
Peak SAR (extrapolated) = 0.463 mW/g
SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.222 W/kg



0 dB = 0.400 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.957 mho/m; ε_r = 53.24; ρ = 1000 kg/m^3
Phantom section: Flat Section

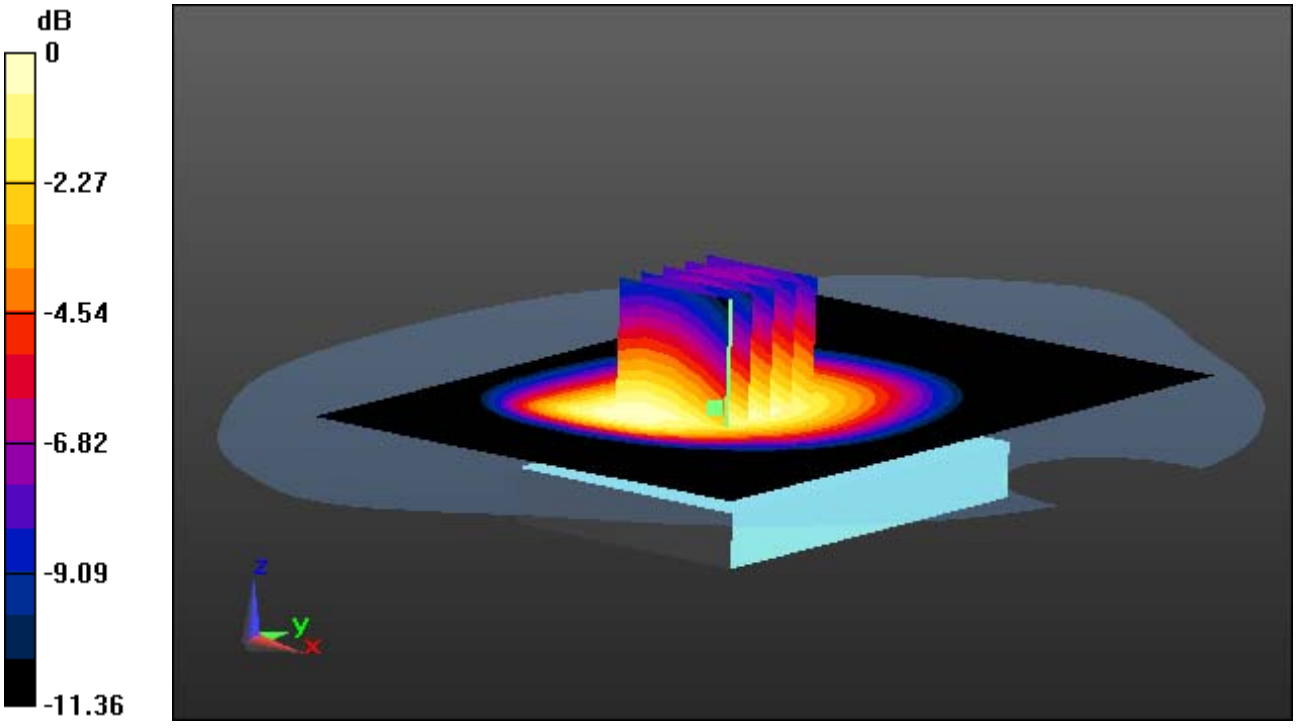
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4233, Ant Internal

SAR Variability Result

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) = 1.421 mW/g
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.772 W/kg



0 dB = 1.27 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.957 mho/m; ε_r = 53.24; ρ = 1000 kg/m^3
Phantom section: Flat Section

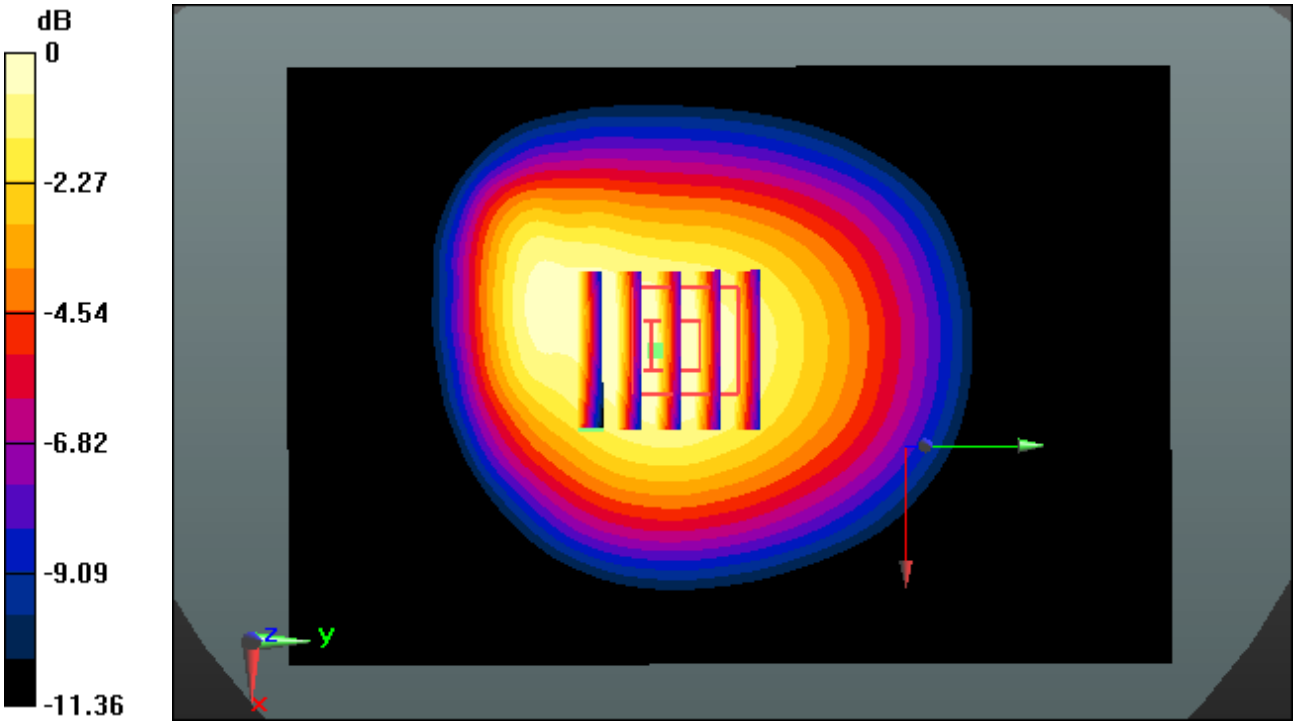
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4233, 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 = 0.03 dB
Peak SAR (extrapolated) = 1.421 mW/g
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.772 W/kg



0 dB = 1.27 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

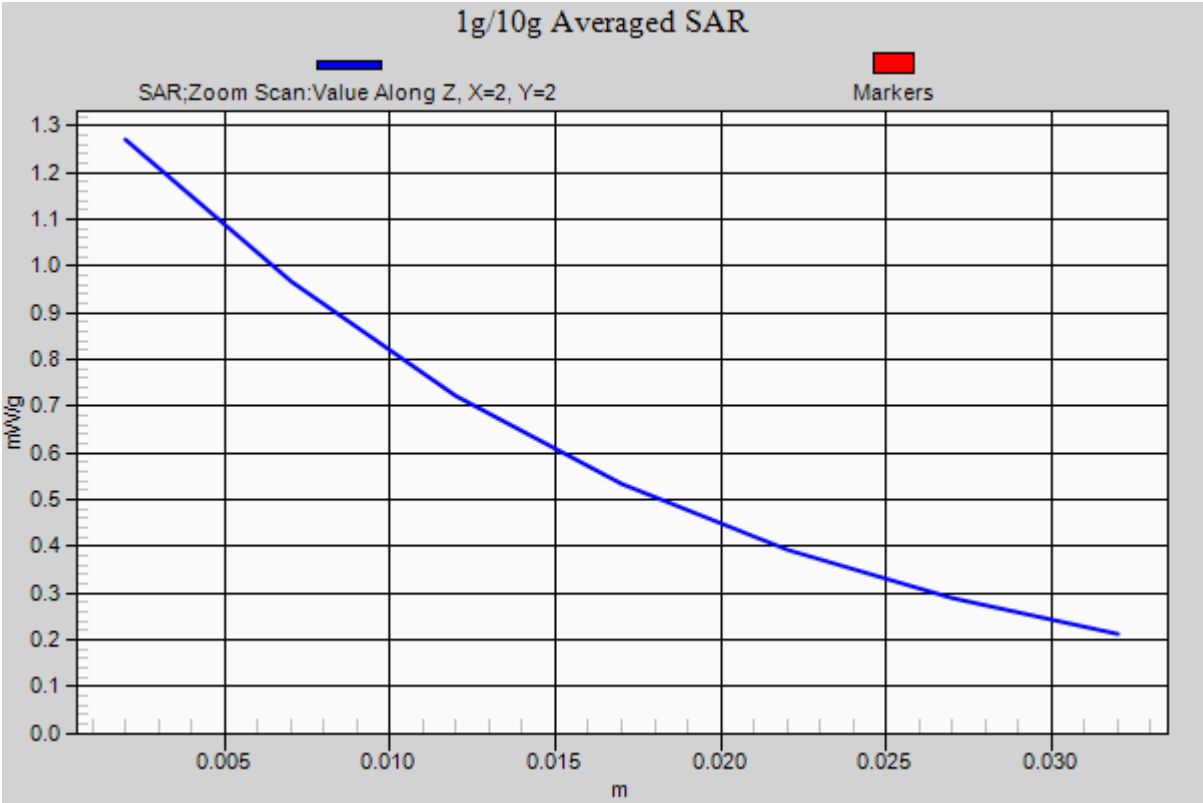
Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.957 mho/m; ε_r = 53.24; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-23; Ambient Temp: 21.4 Tissue Temp:21.7

1 cm space from Body, Rear, WCDMA850 Ch. 4233, 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) = 1.419 mW/g
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.775 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

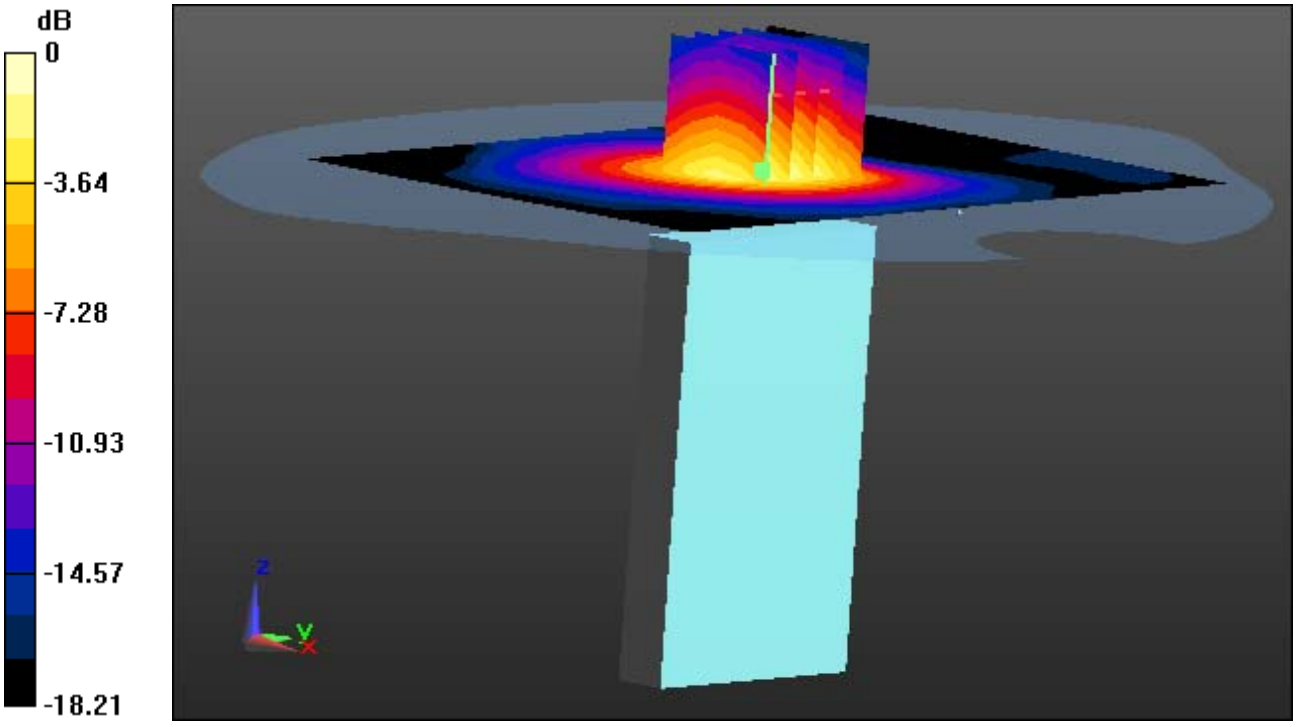
Communication System: PCS1900_Class 11; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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 = -0.10 dB
Peak SAR (extrapolated) = 0.414 mW/g
SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.143 W/kg



0 dB = 0.337 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

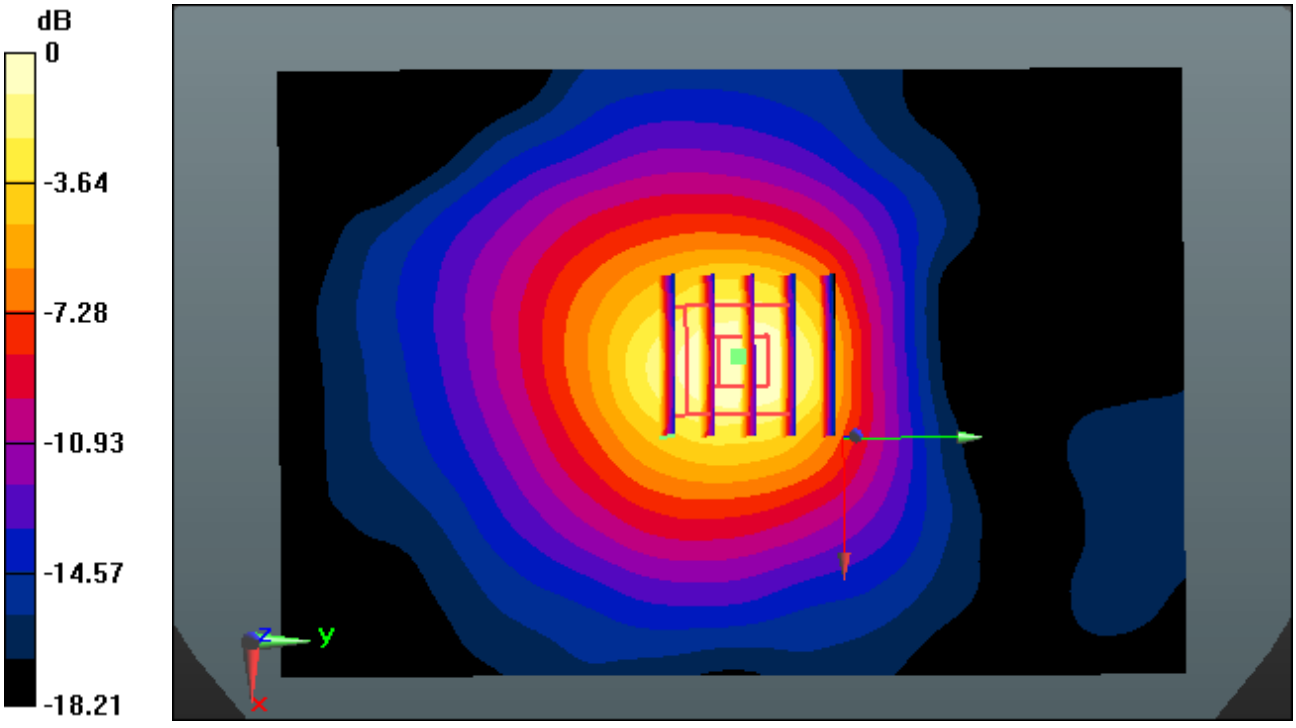
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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 = -0.10 dB
Peak SAR (extrapolated) = 0.414 mW/g
SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.143 W/kg



0 dB = 0.337 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

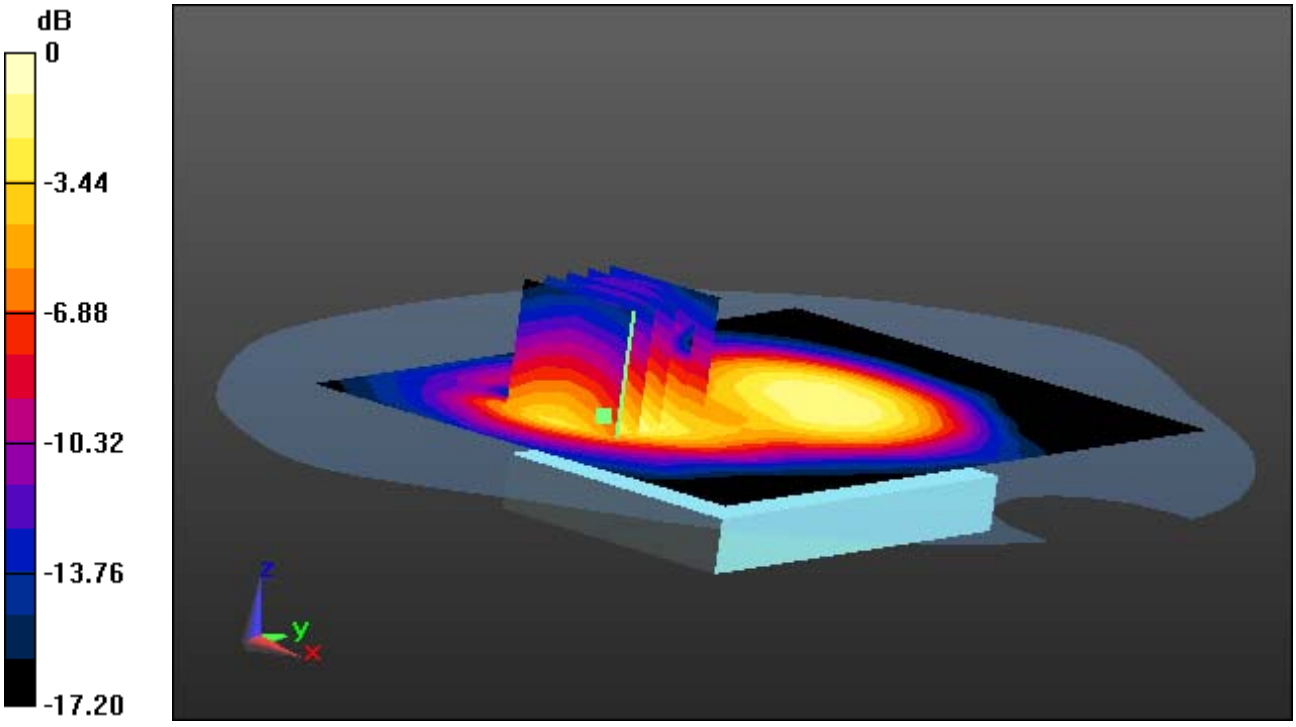
Communication System: PCS1900_Class 11; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

1 cm space from Body, Front, 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 = 0.05 dB
Peak SAR (extrapolated) = 0.397 mW/g
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.137 W/kg



0 dB = 0.318 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

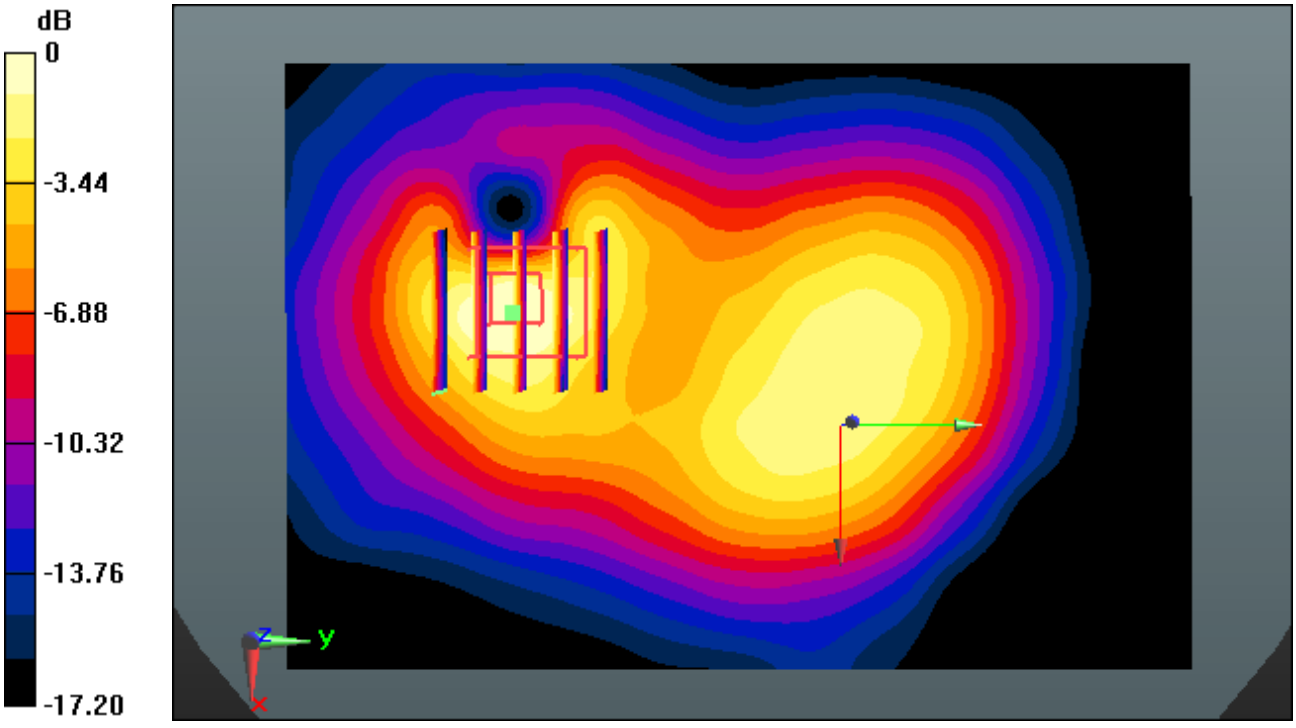
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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 = 0.05 dB
Peak SAR (extrapolated) = 0.397 mW/g
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.137 W/kg



0 dB = 0.318 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

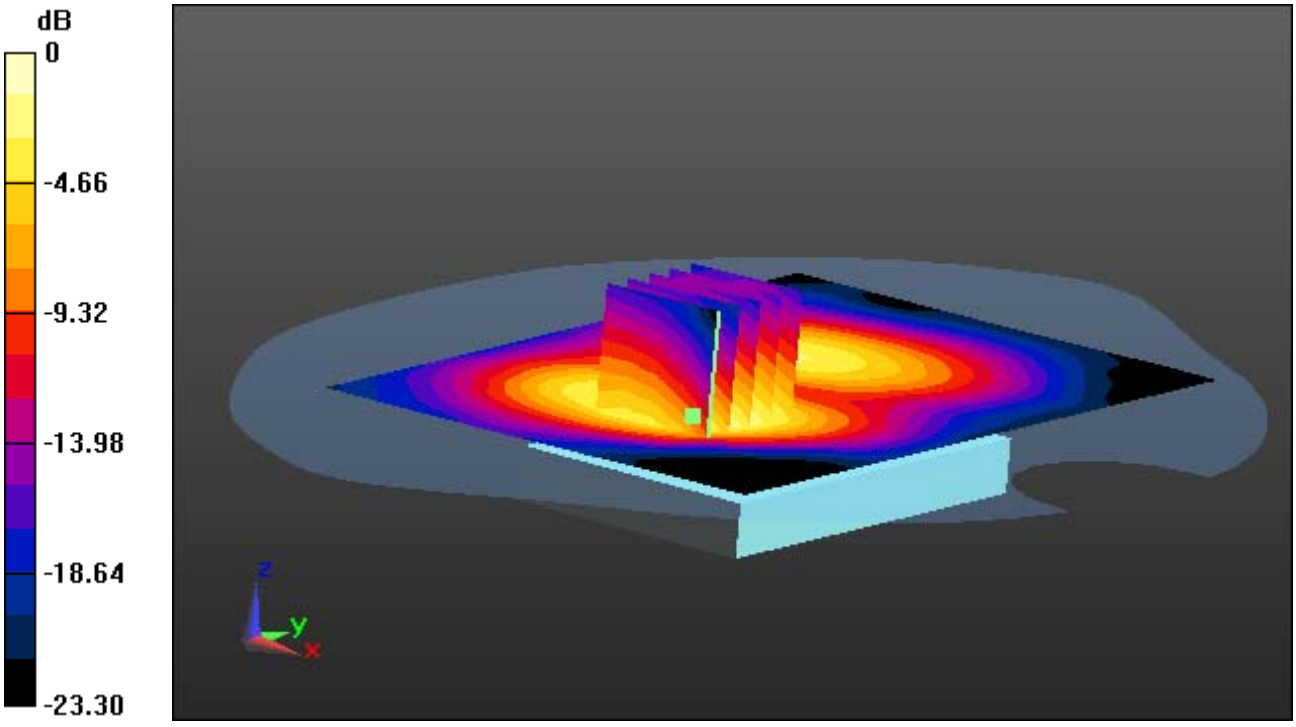
Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

1 cm space from Body, Rear, PCS1900 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 = 0.05 dB
Peak SAR (extrapolated) = 0.822 mW/g
SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.249 W/kg



0 dB = 0.632 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

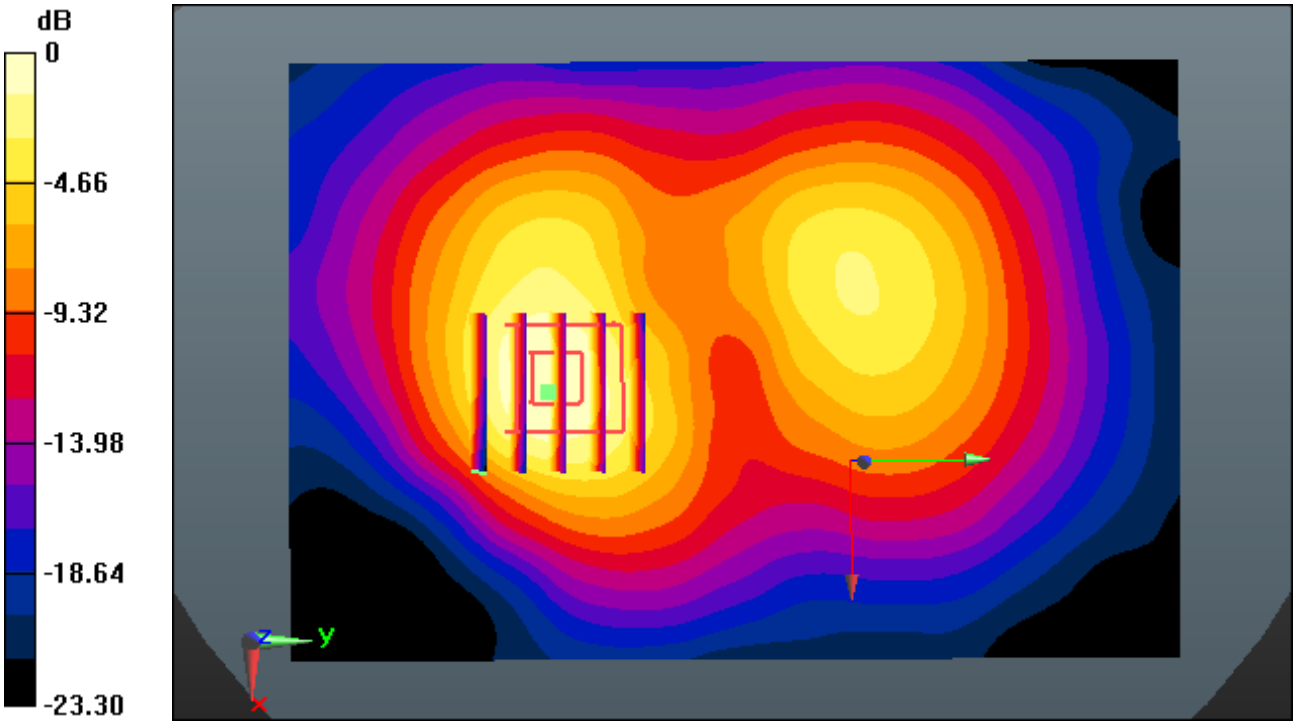
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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 = 0.05 dB
Peak SAR (extrapolated) = 0.822 mW/g
SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.249 W/kg



0 dB = 0.632 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

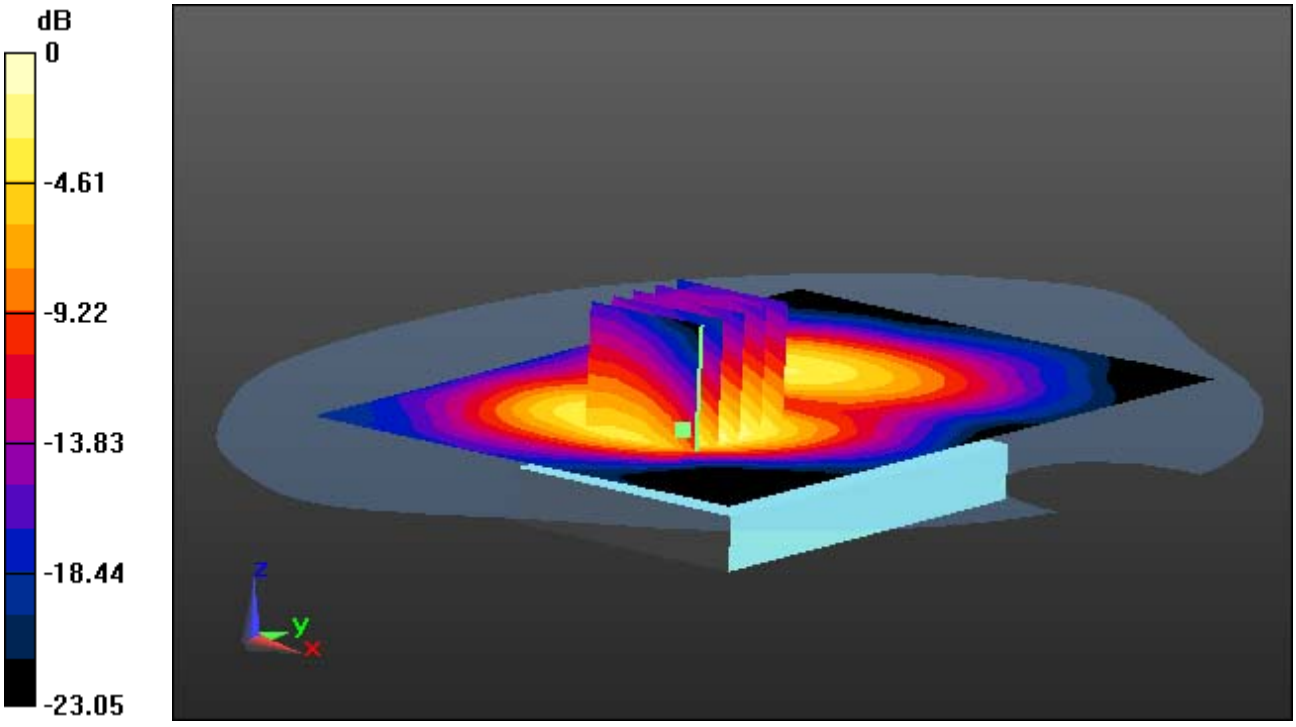
Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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) = 0.819 mW/g
SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.250 W/kg



0 dB = 0.633 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

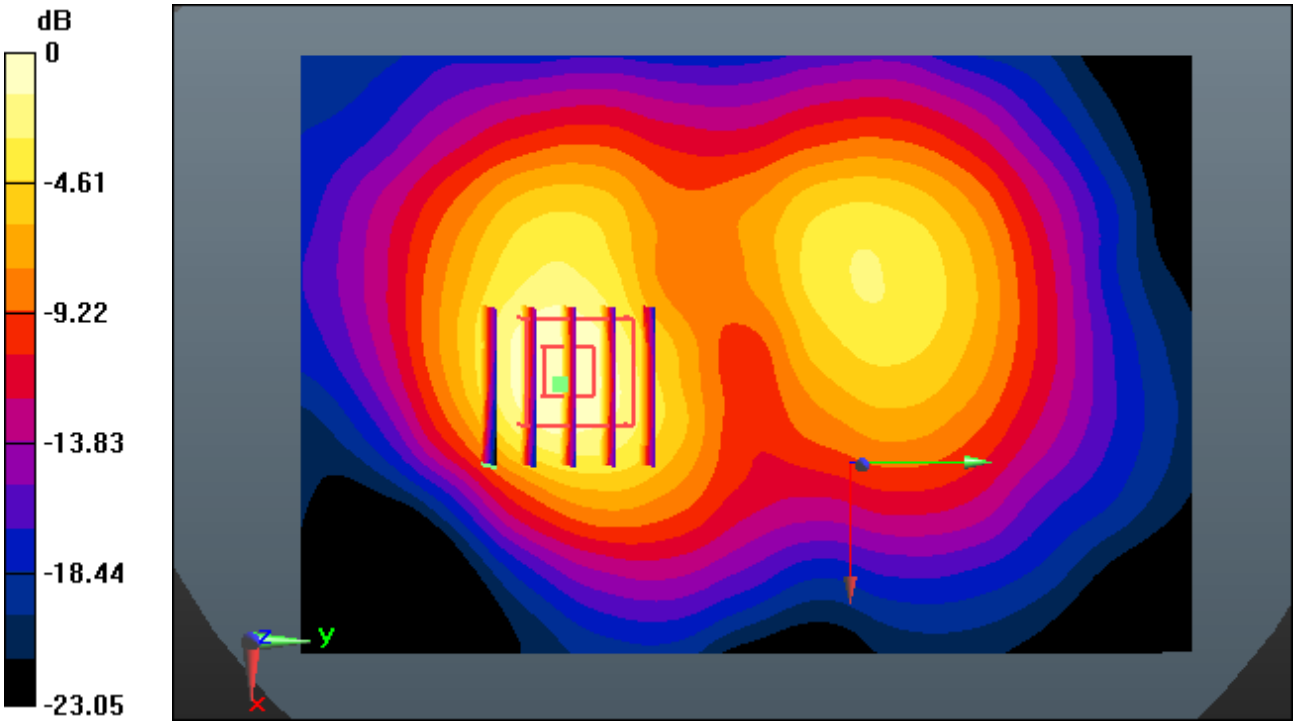
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

1 cm space from Body, Rear, PCS1900 GPRS 1 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 = -0.01 dB
Peak SAR (extrapolated) = 0.819 mW/g
SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.250 W/kg



0 dB = 0.633 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

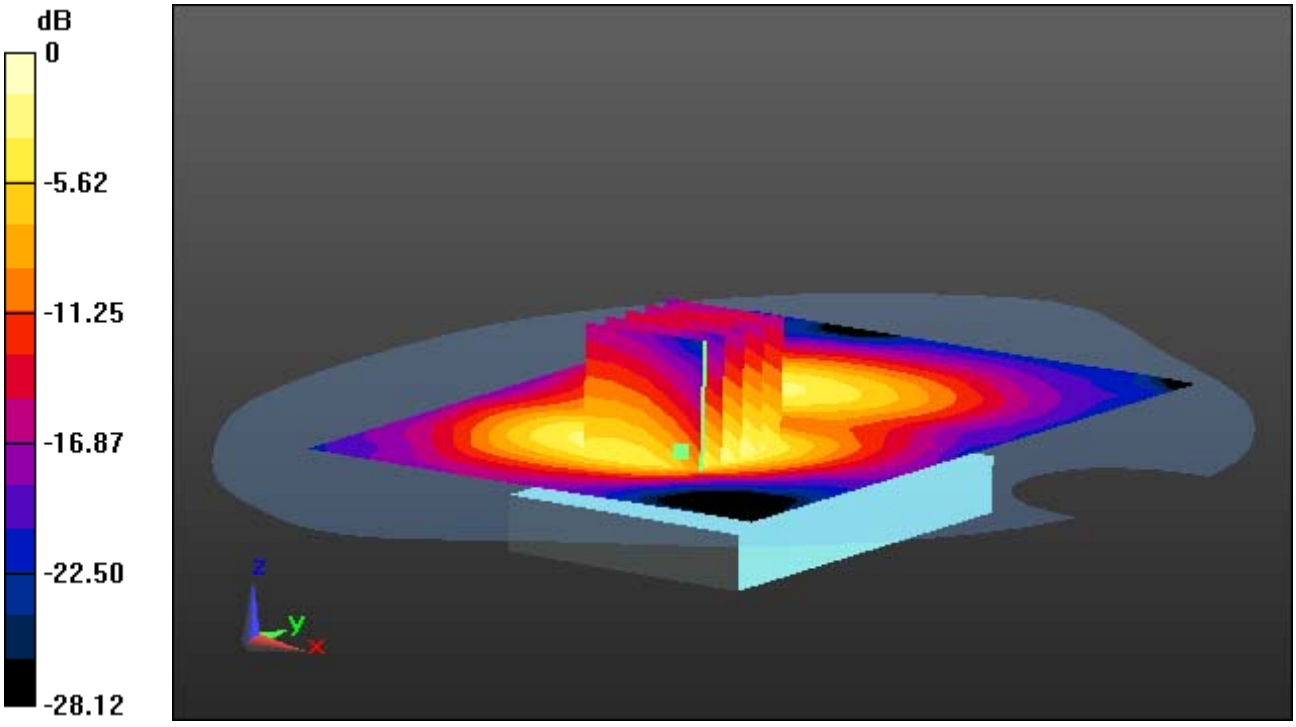
Communication System: PCS1900_Class 10; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

1 cm space from Body, Rear, PCS1900 GPRS 2 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 = 0.12 dB
Peak SAR (extrapolated) = 0.928 mW/g
SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.277 W/kg



0 dB = 0.713 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: PCS1900_Class 10; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

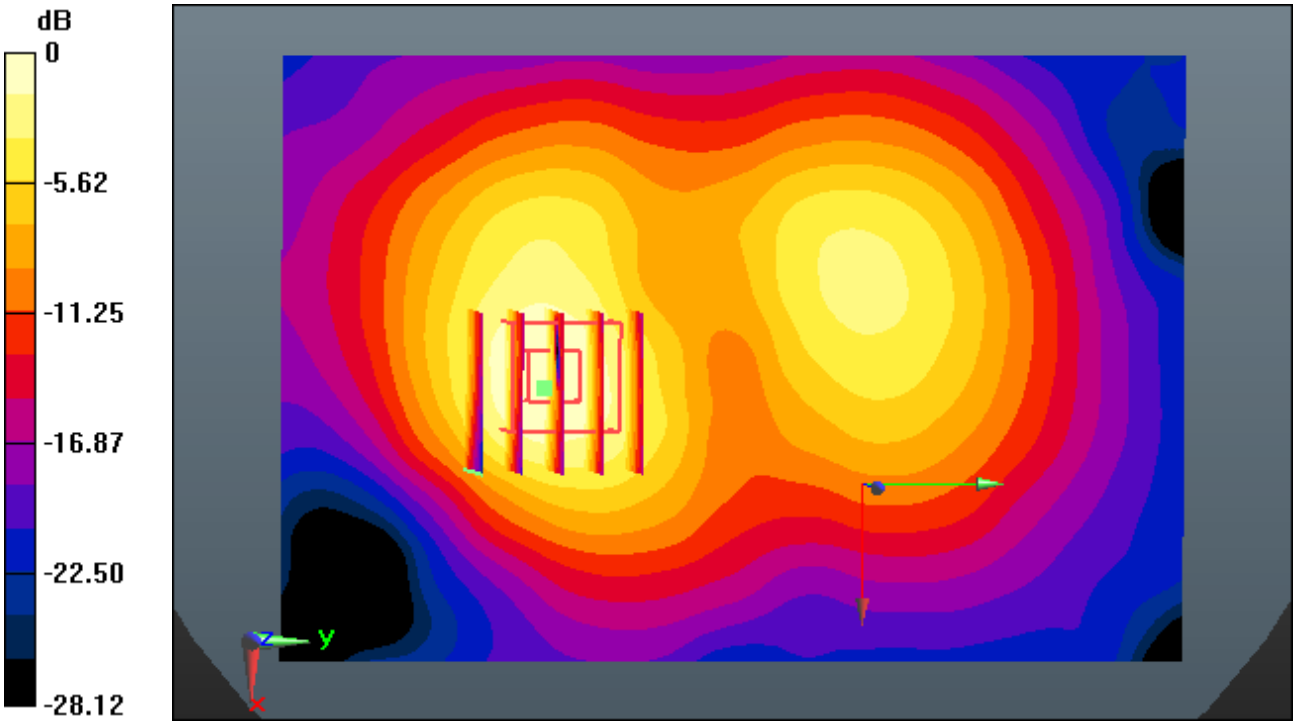
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

1 cm space from Body, Rear, PCS1900 GPRS 2 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 = 0.12 dB
Peak SAR (extrapolated) = 0.928 mW/g
SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.277 W/kg



0 dB = 0.713 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

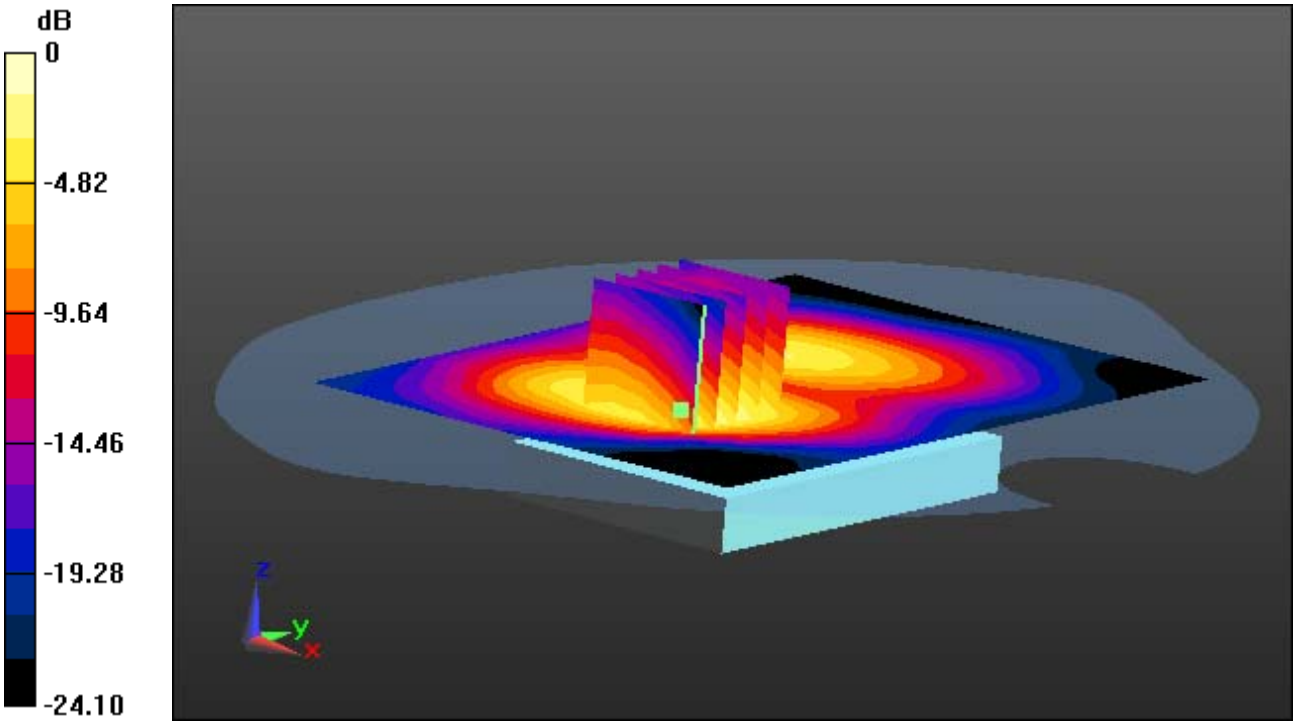
Communication System: PCS1900_Class 11; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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) = 0.984 mW/g
SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.298 W/kg



0 dB = 0.757 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

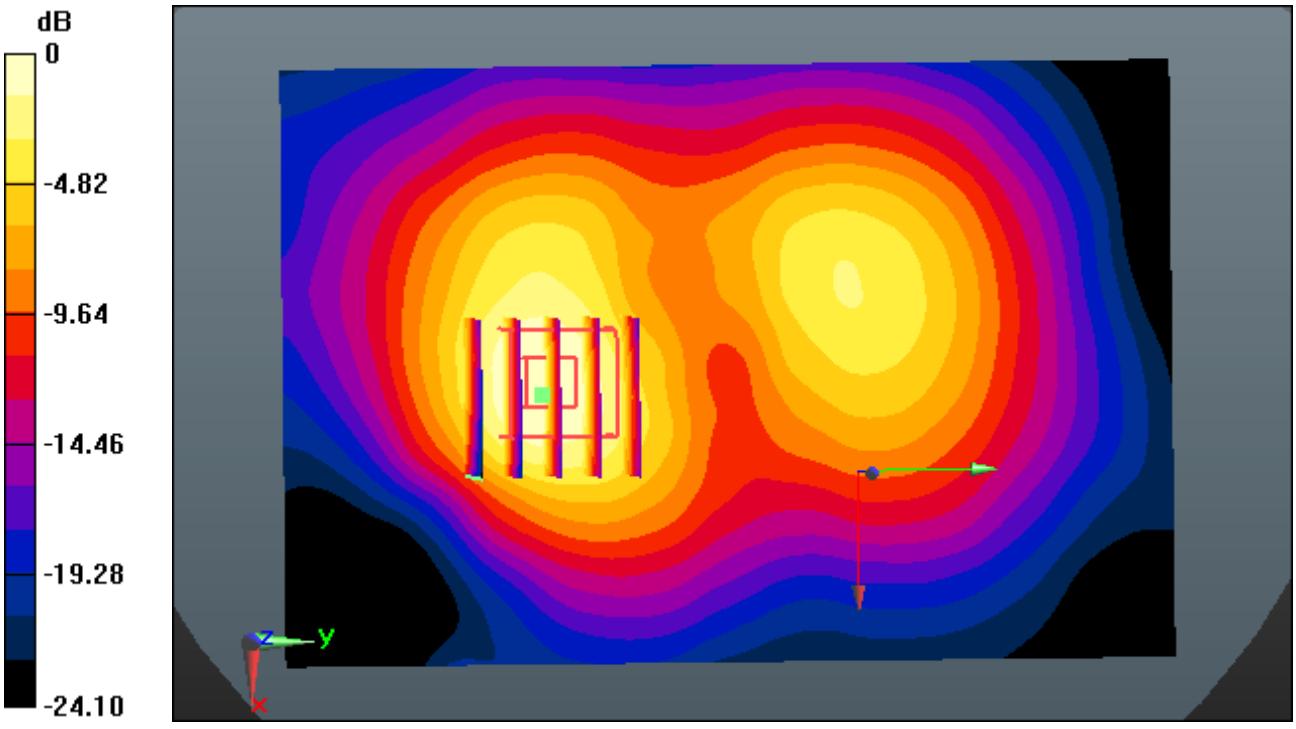
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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) = 0.984 mW/g
SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.298 W/kg



0 dB = 0.757 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

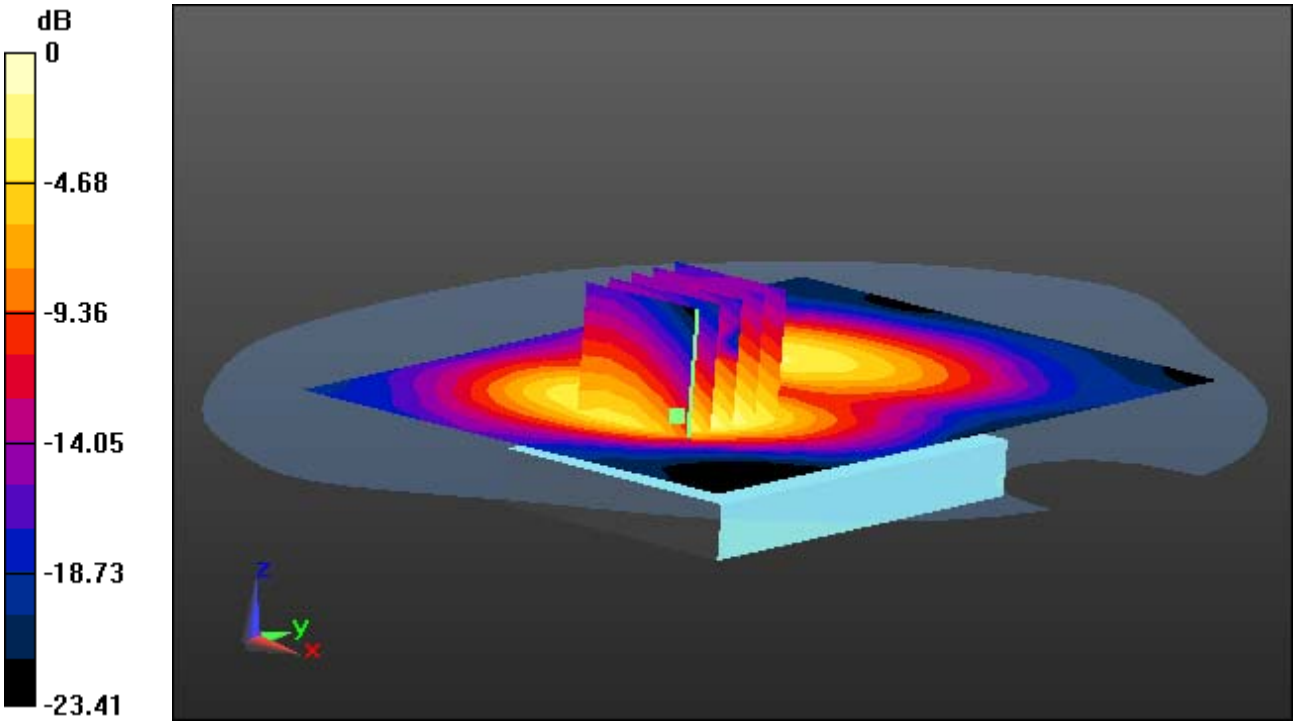
Communication System: PCS1900_Class 12; Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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 = -0.09 dB
Peak SAR (extrapolated) = 0.921 mW/g
SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.281 W/kg



0 dB = 0.709 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: PCS1900_Class 12; Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

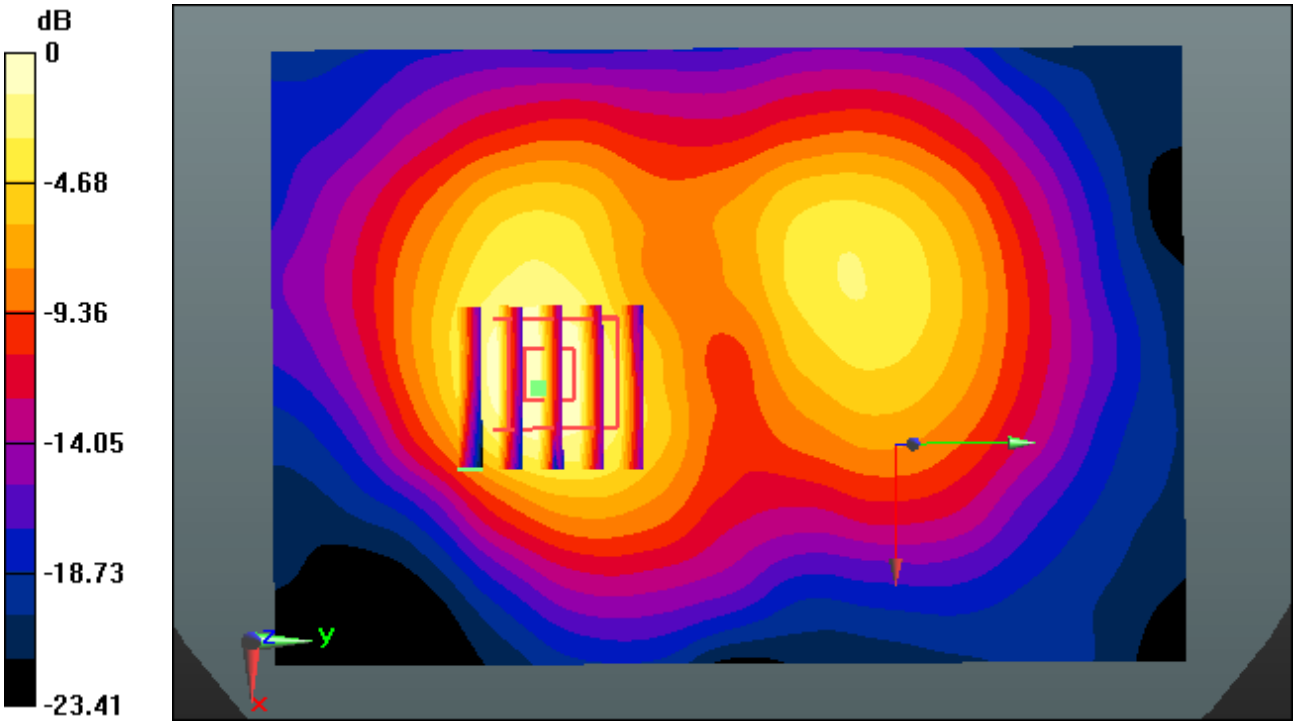
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

1 cm space from Body, Rear, PCS1900 GPRS 4 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 = -0.09 dB
Peak SAR (extrapolated) = 0.921 mW/g
SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.281 W/kg



0 dB = 0.709 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

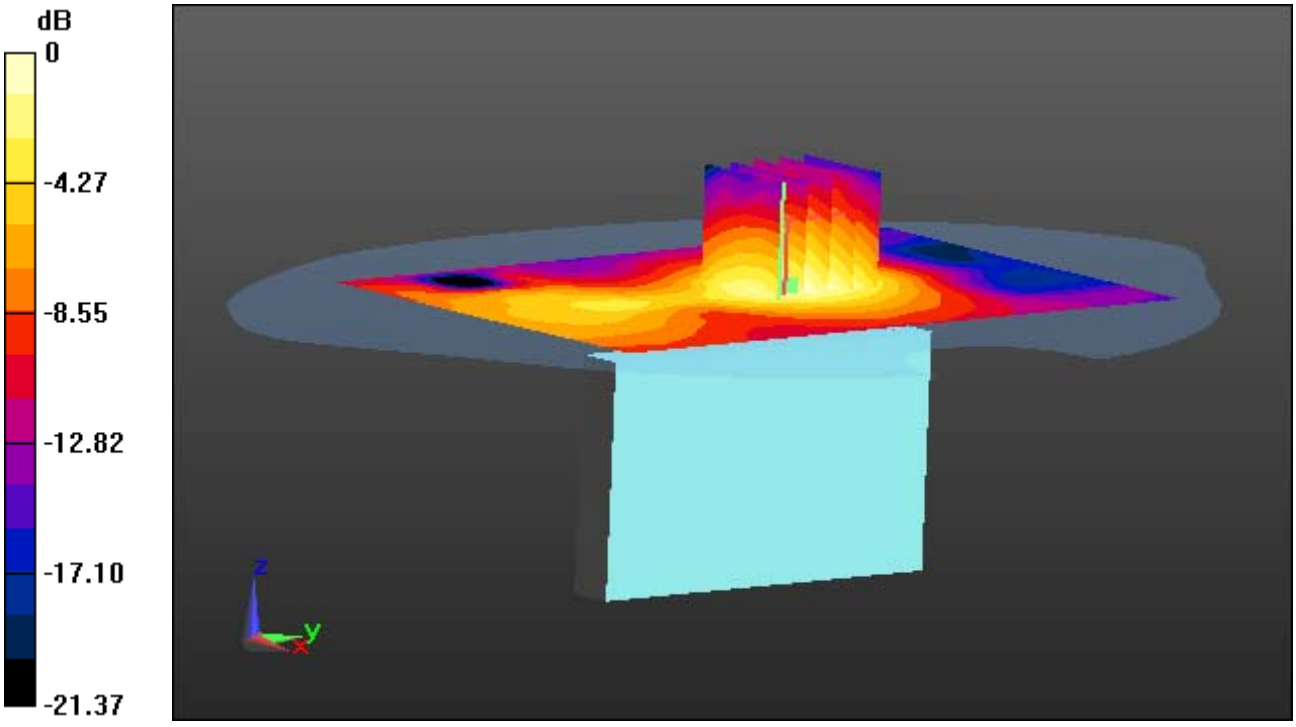
Communication System: PCS1900_Class 11; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

1 cm space from Body, Right, 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 = -0.04 dB
Peak SAR (extrapolated) = 0.146 mW/g
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.119 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

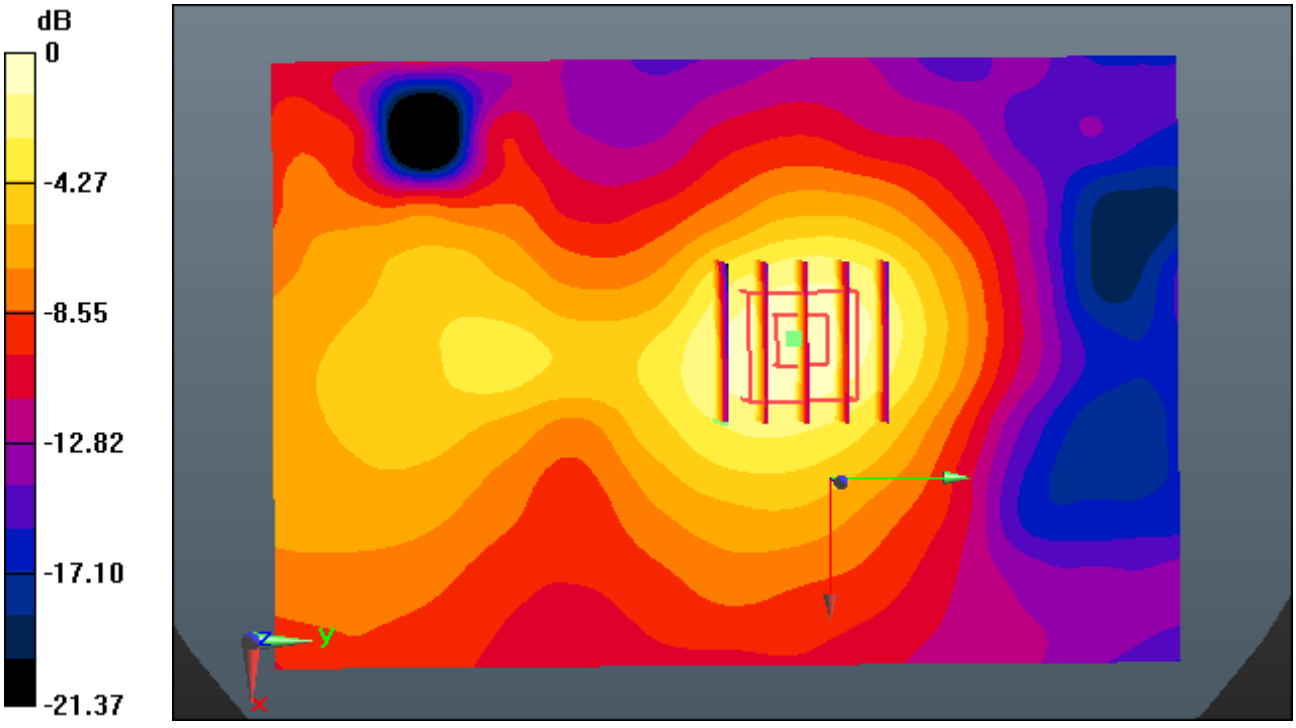
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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 = -0.04 dB
Peak SAR (extrapolated) = 0.146 mW/g
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.119 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

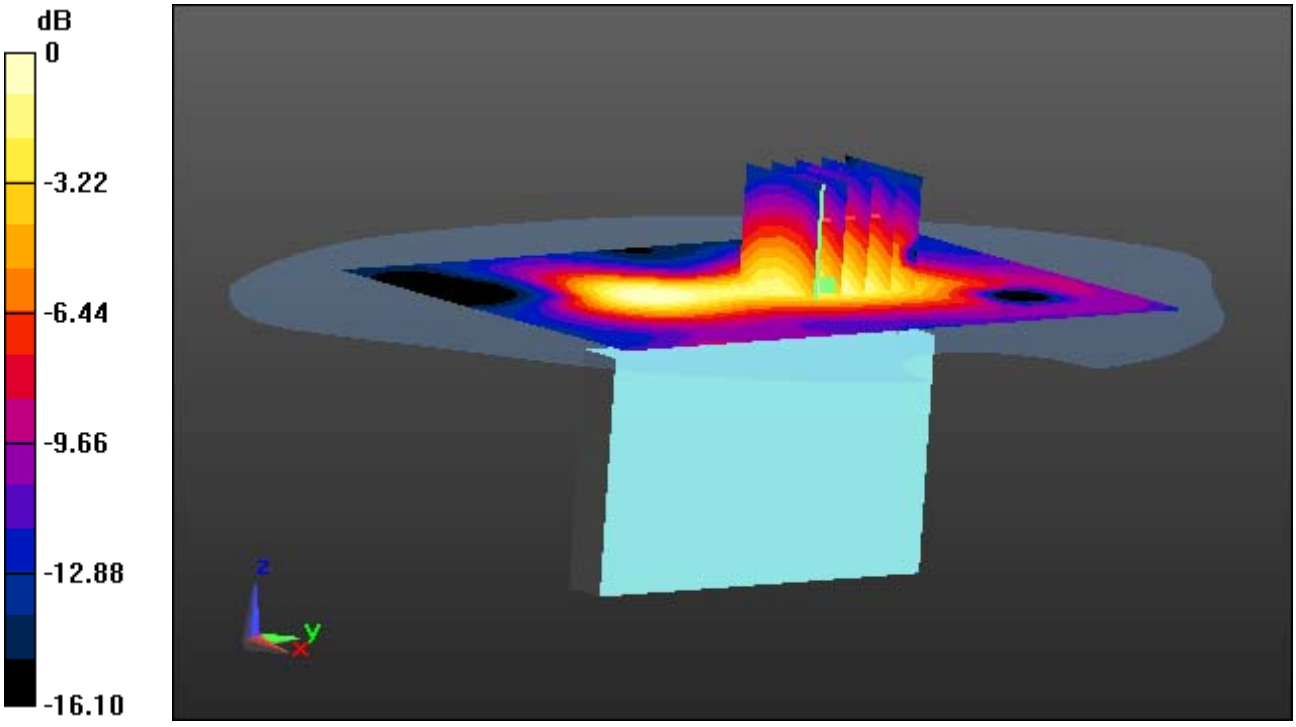
Communication System: PCS1900_Class 11; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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 = 0.10 dB
Peak SAR (extrapolated) = 0.191 mW/g
SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.074 W/kg



0 dB = 0.159 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: PCS1900_Class 11; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

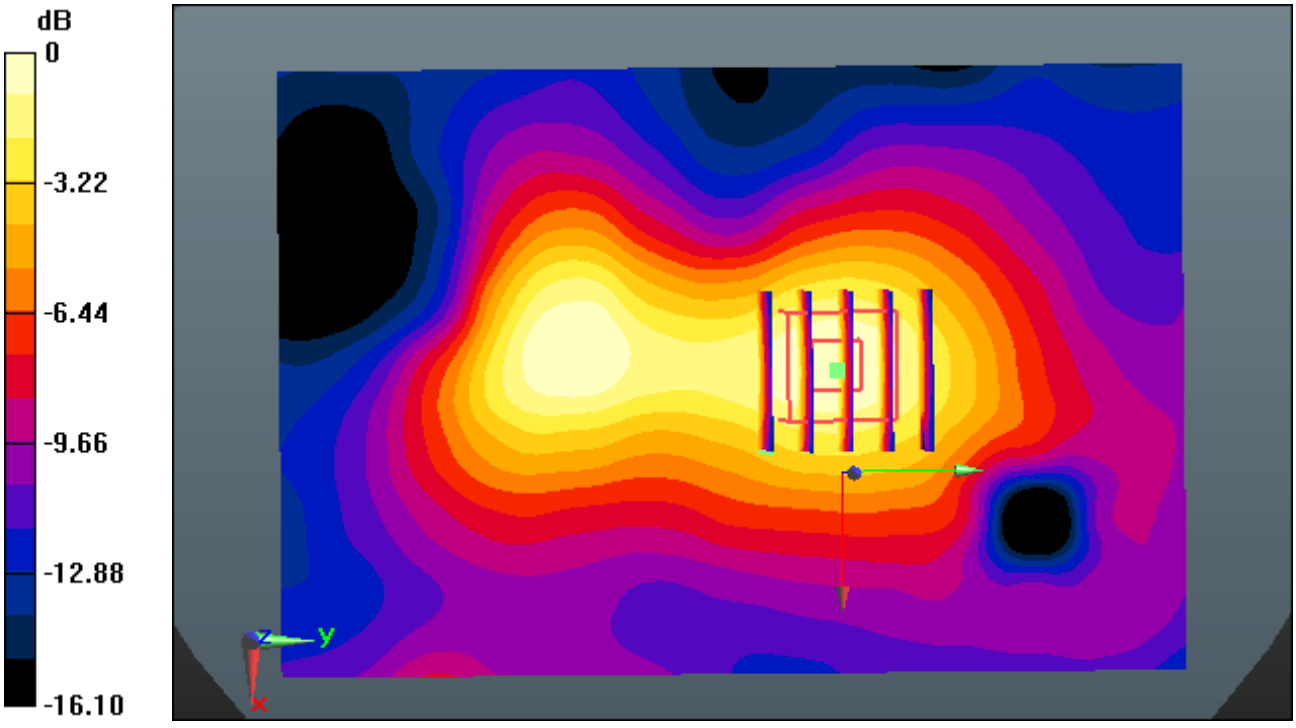
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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 = 0.10 dB
Peak SAR (extrapolated) = 0.191 mW/g
SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.074 W/kg



0 dB = 0.159 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

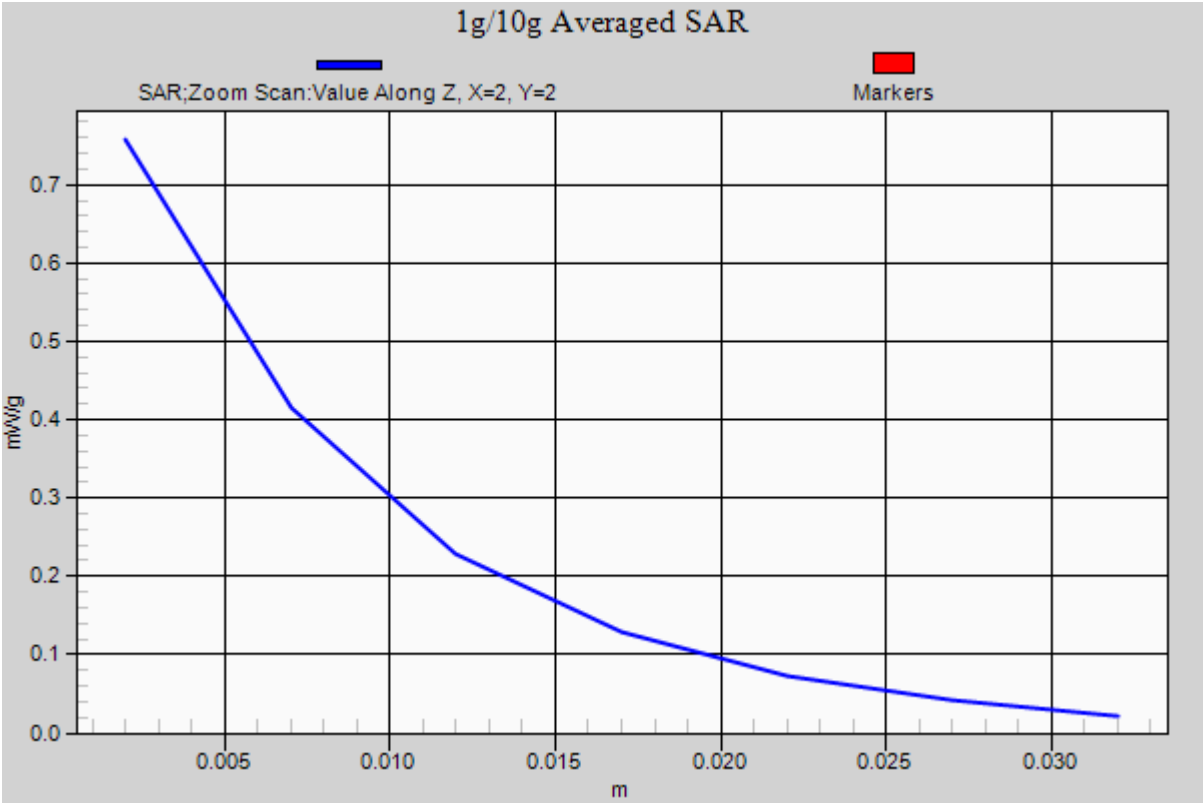
Communication System: PCS1900_Class 11; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.502 mho/m; ε_r = 53.542; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-22; Ambient Temp: 20.8 Tissue Temp:21.3

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) = 0.984 mW/g
SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.298 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

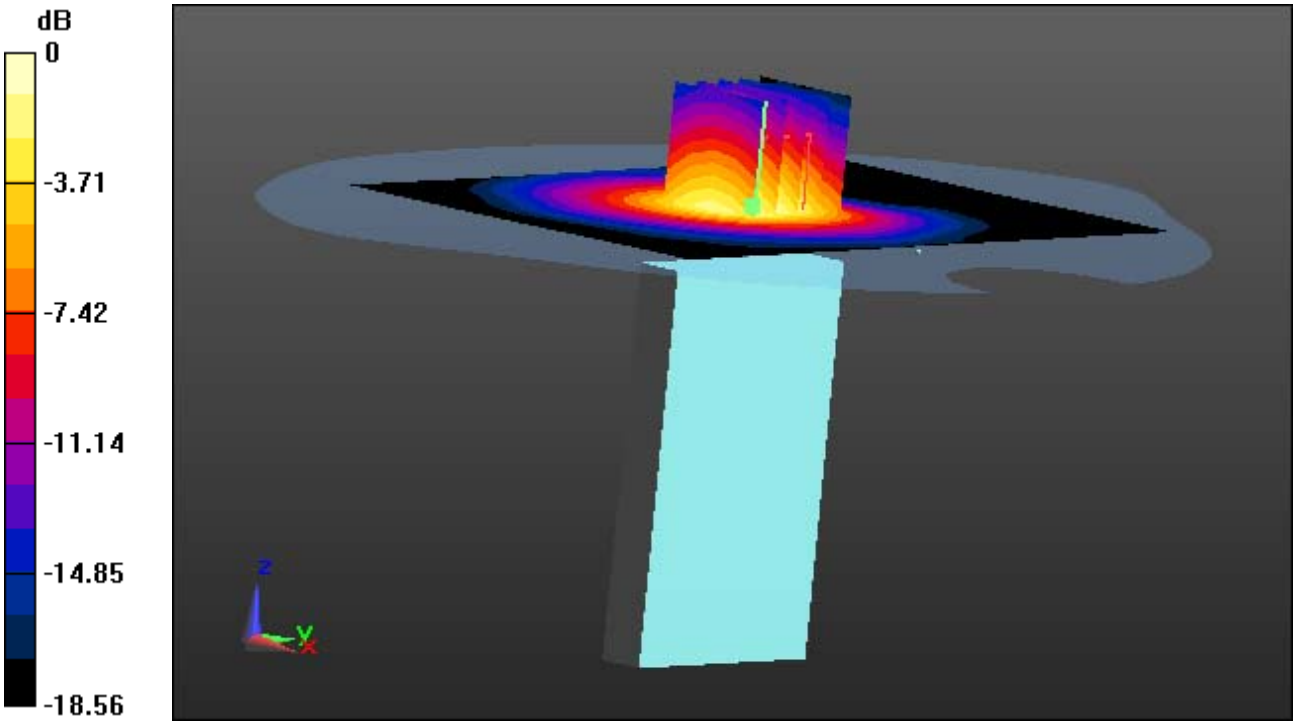
Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.503 mho/m; ε_r = 53.629; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-24; Ambient Temp: 21.0 Tissue Temp:21.4

1 cm space from Body, Bottom, 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 = 0.18 dB
Peak SAR (extrapolated) = 0.741 mW/g
SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.254 W/kg



0 dB = 0.601 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.503 mho/m; ε_r = 53.629; ρ = 1000 kg/m^3
Phantom section: Flat Section

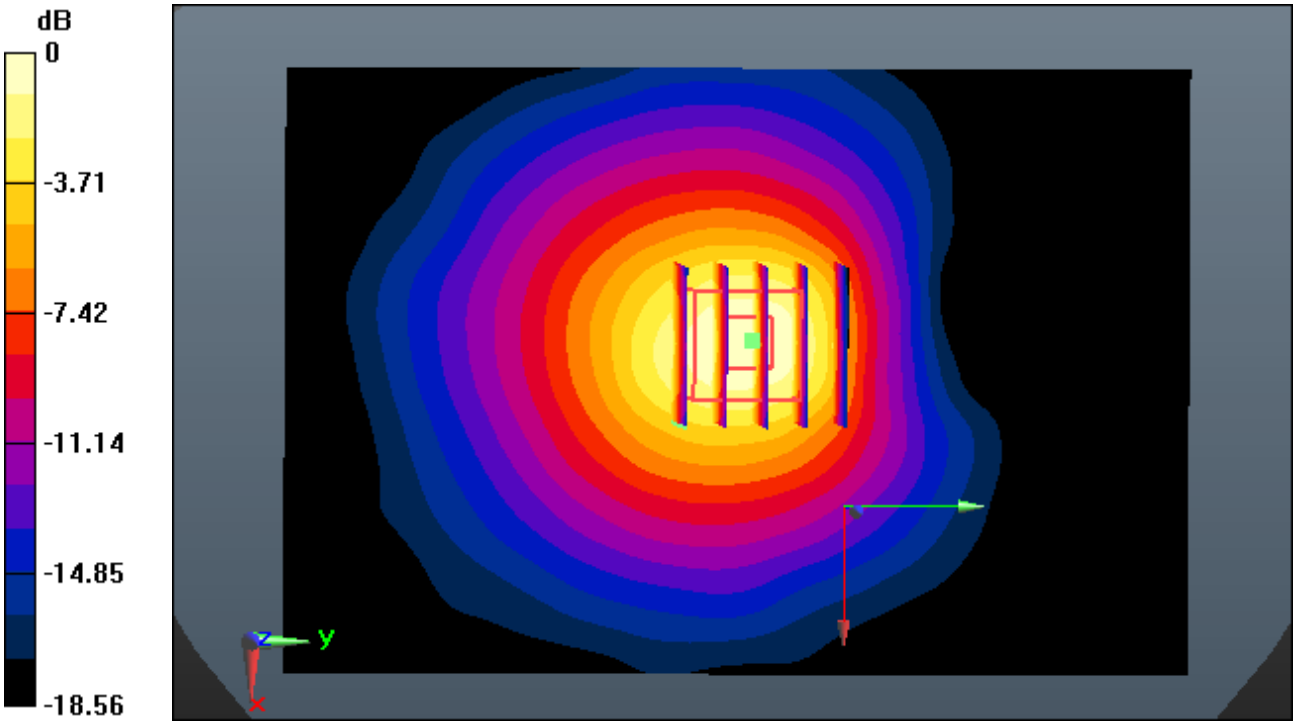
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-24; Ambient Temp: 21.0 Tissue Temp:21.4

1 cm space from Body, Bottom, 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 = 0.18 dB
Peak SAR (extrapolated) = 0.741 mW/g
SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.254 W/kg



0 dB = 0.601 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

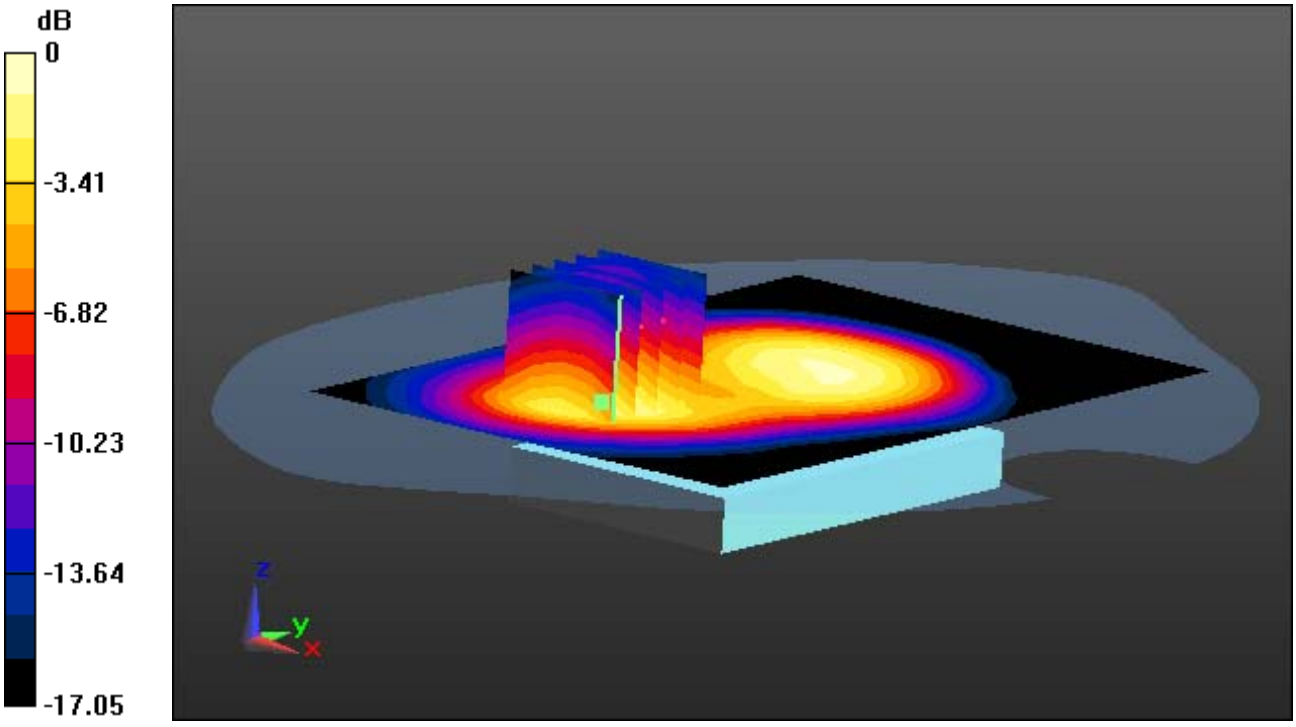
Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.503 mho/m; ε_r = 53.629; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-24; Ambient Temp: 21.0 Tissue Temp:21.4

1 cm space from Body, Front, 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 = -0.08 dB
Peak SAR (extrapolated) = 0.632 mW/g
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.219 W/kg



0 dB = 0.505 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.503 mho/m; ε_r = 53.629; ρ = 1000 kg/m^3
Phantom section: Flat Section

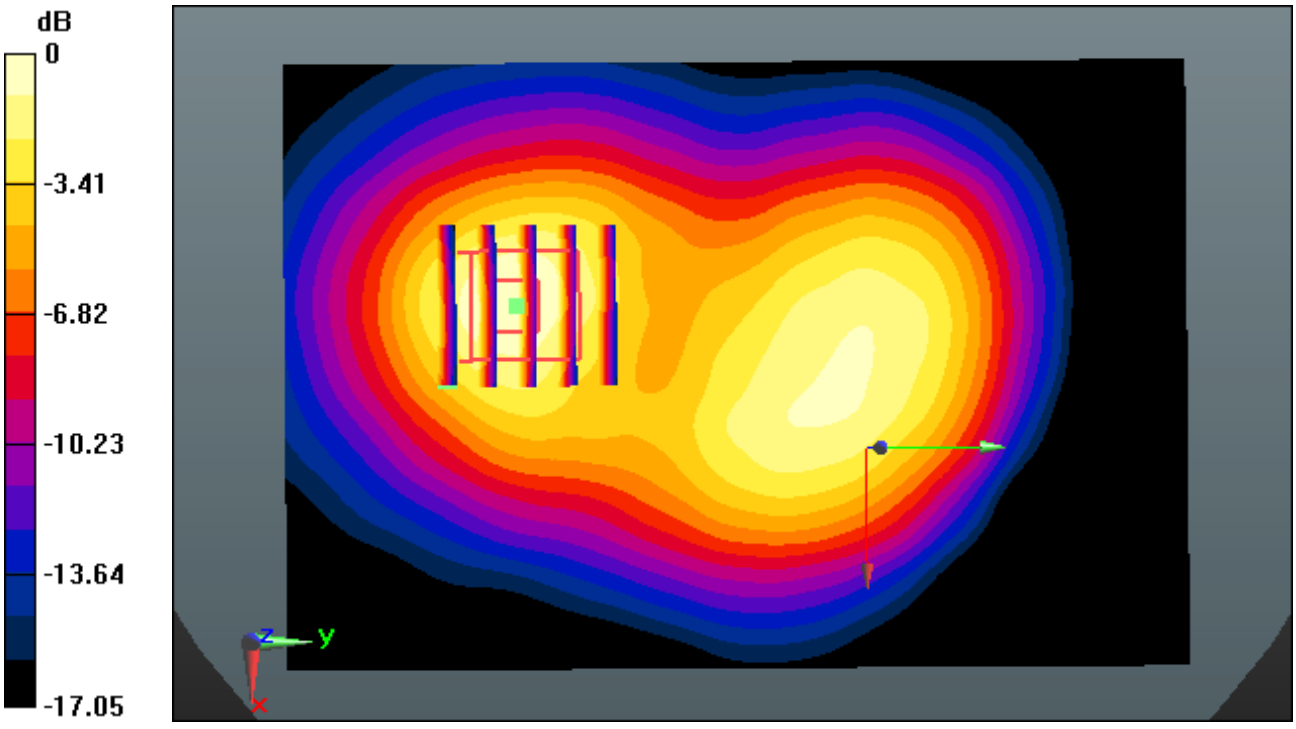
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-24; Ambient Temp: 21.0 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=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.632 mW/g
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.219 W/kg



0 dB = 0.505 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

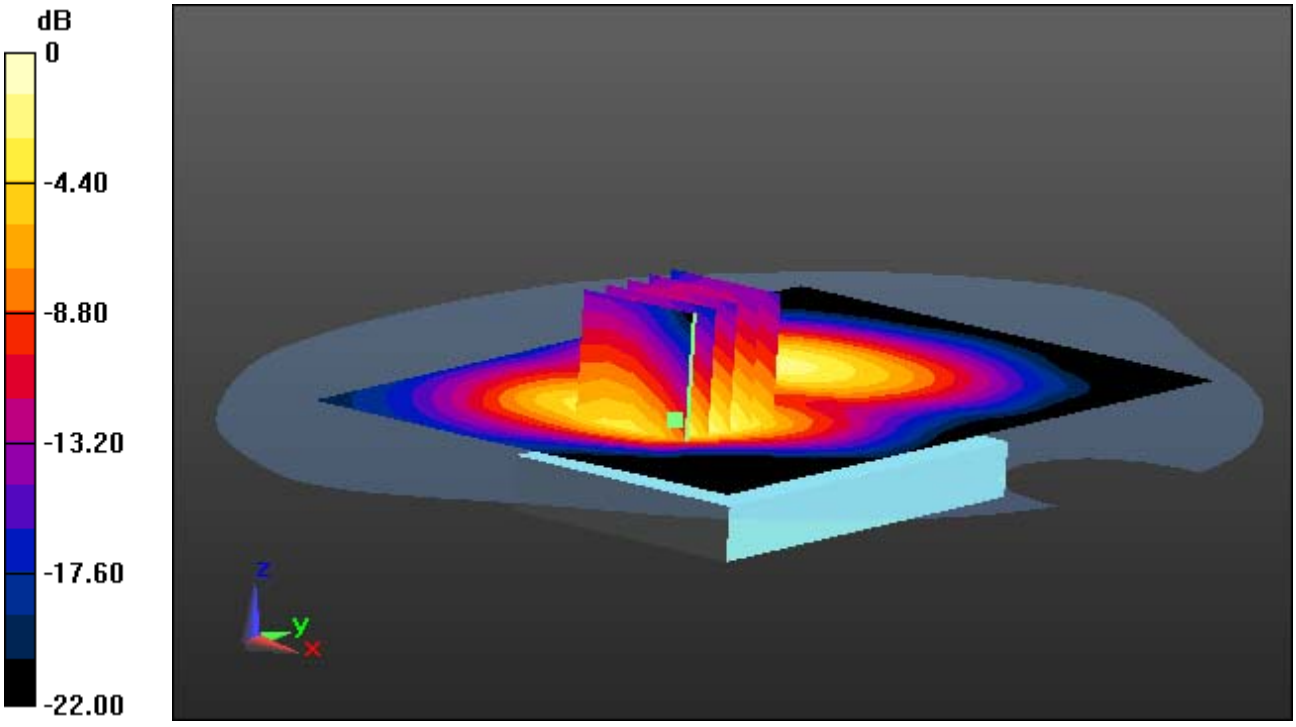
Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.503 mho/m; ε_r = 53.629; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-24; Ambient Temp: 21.0 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 = 0.10 dB
Peak SAR (extrapolated) = 1.123 mW/g
SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.364 W/kg



0 dB = 0.892 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.503 mho/m; ε_r = 53.629; ρ = 1000 kg/m^3
Phantom section: Flat Section

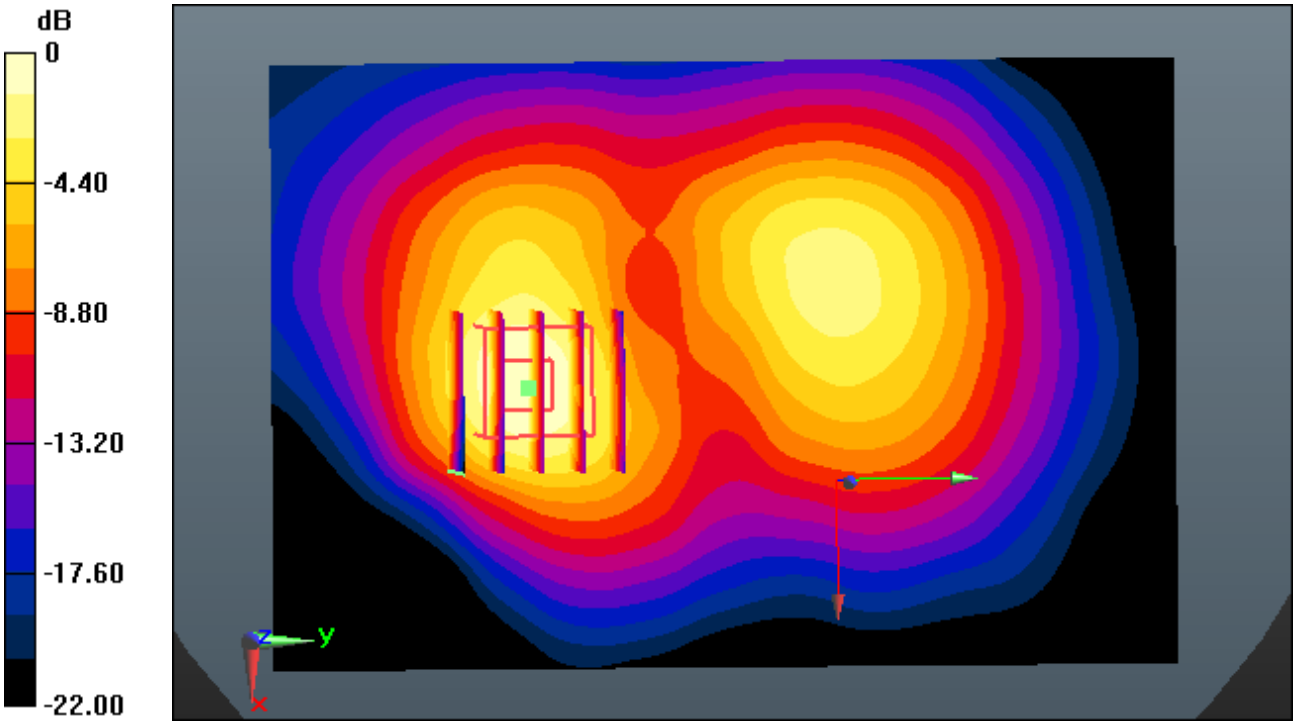
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-24; Ambient Temp: 21.0 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 = 0.10 dB
Peak SAR (extrapolated) = 1.123 mW/g
SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.364 W/kg



0 dB = 0.892 mW/g

DIGITAL EMC CO., LTD

DUT: LG-P425g; Type: Bar

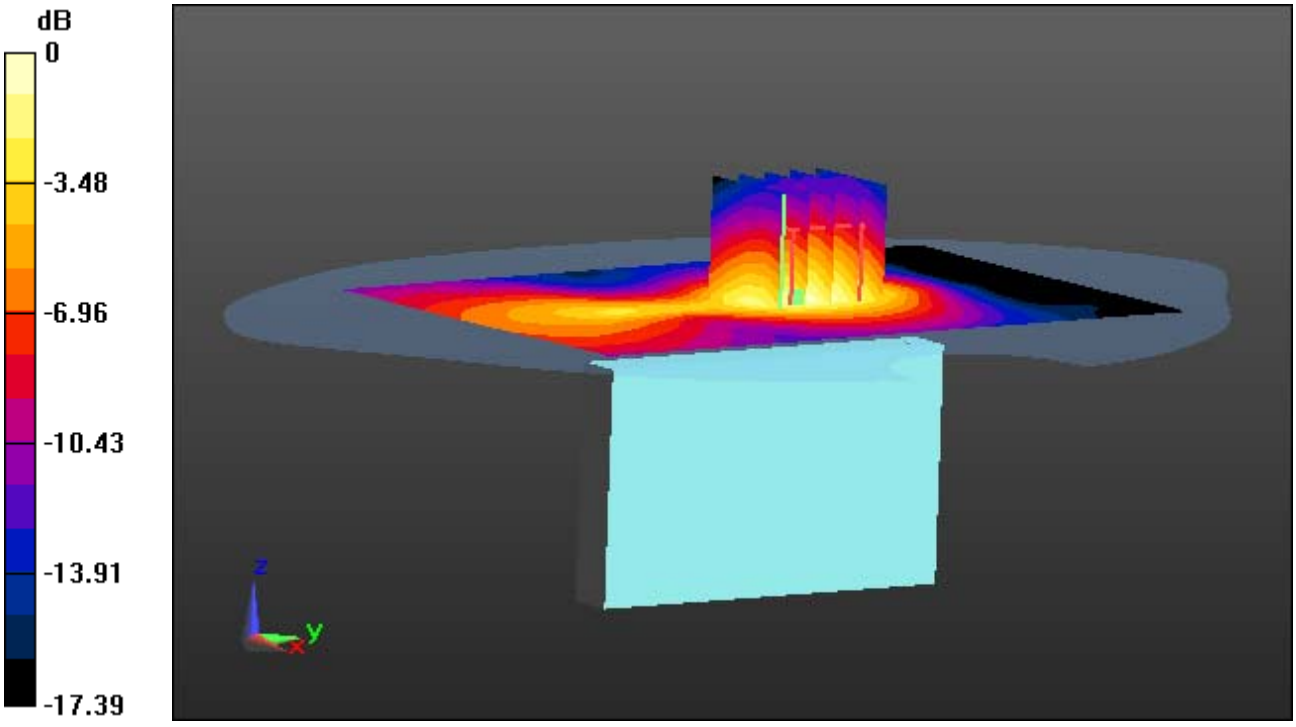
Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.503 mho/m; ε_r = 53.629; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-24; Ambient Temp: 21.0 Tissue Temp:21.4

1 cm space from Body, Right, 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 = 0.06 dB
Peak SAR (extrapolated) = 0.255 mW/g
SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 0.209 mW/g

DIGITAL EMC CO., LTD

DUT: LG-P425g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.503 mho/m; ε_r = 53.629; ρ = 1000 kg/m^3
Phantom section: Flat Section

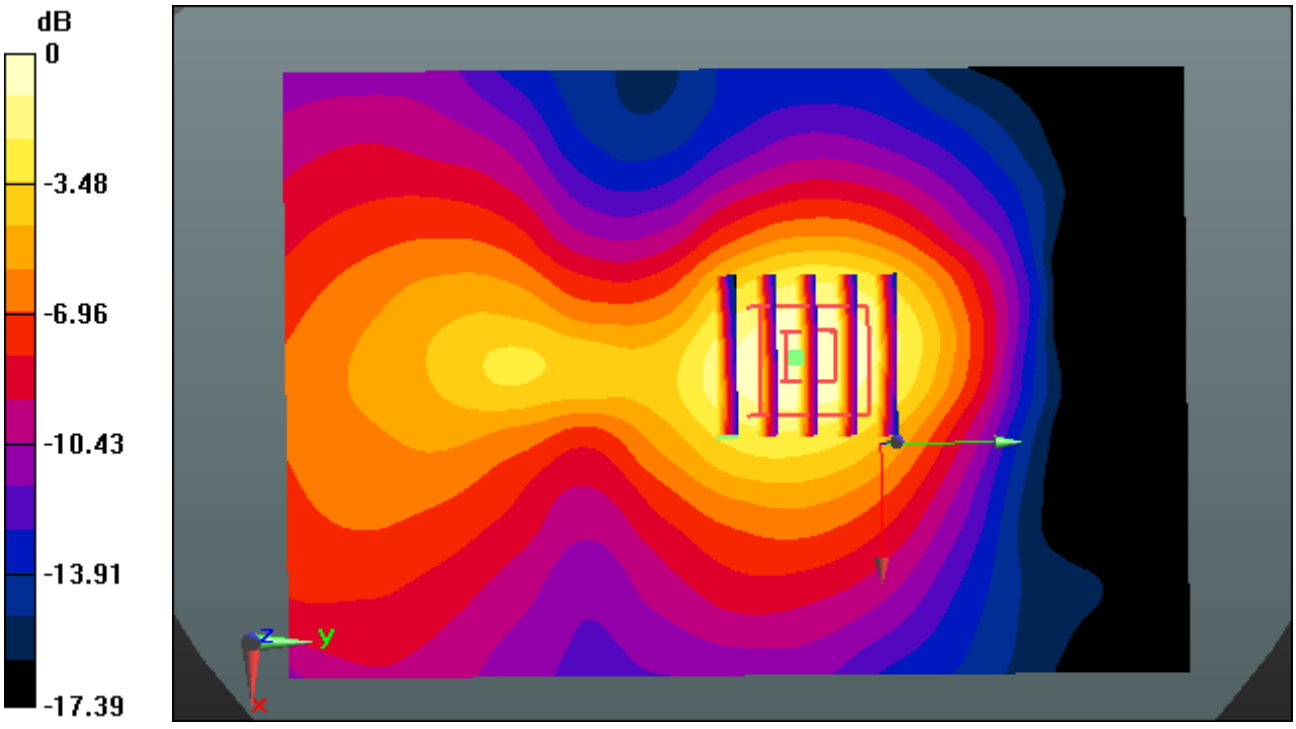
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-24; Ambient Temp: 21.0 Tissue Temp:21.4

1 cm space from Body, Right, 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) = 0.255 mW/g
SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 0.209 mW/g

DIGITAL EMC CO., LTD

DUT: LG-P425g; Type: Bar

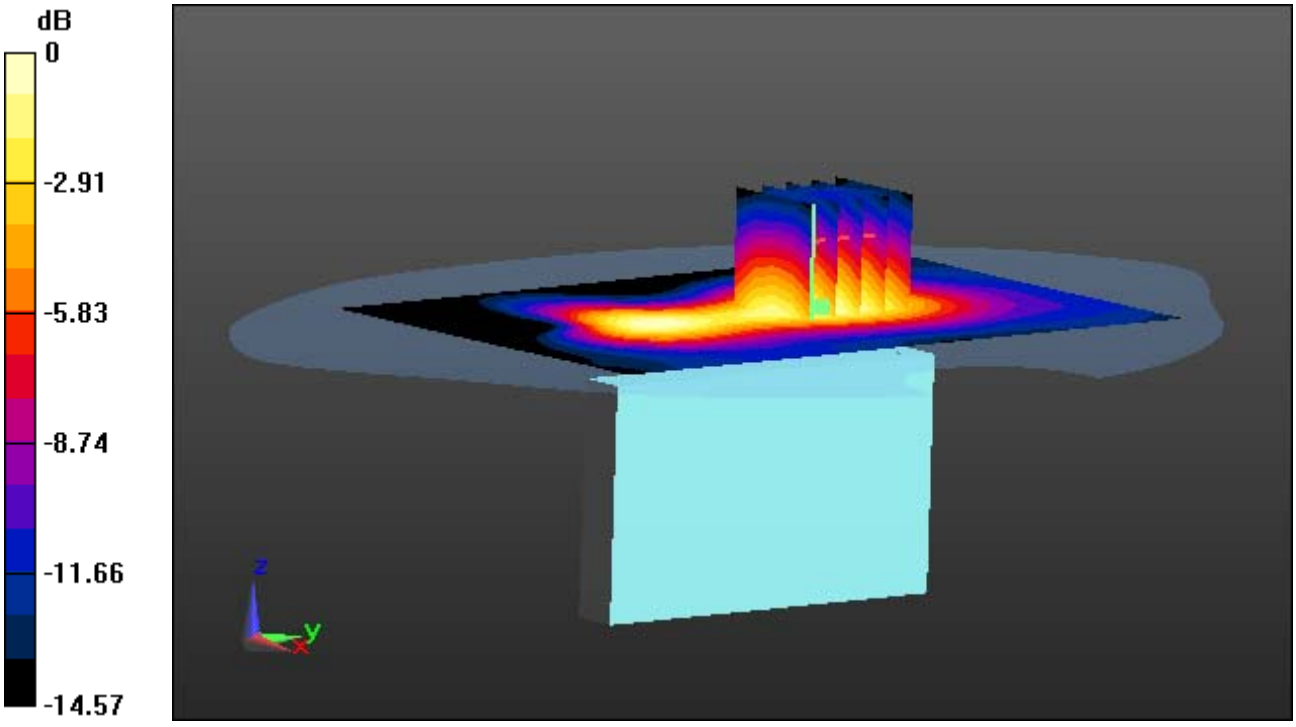
Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.503 mho/m; ε_r = 53.629; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-24; Ambient Temp: 21.0 Tissue Temp:21.4

1 cm space from Body, Left, 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 = 0.03 dB
Peak SAR (extrapolated) = 0.364 mW/g
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.137 W/kg



0 dB = 0.300 mW/g

DIGITAL EMC CO., LTD

DUT: LG-P425g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.503 mho/m; ε_r = 53.629; ρ = 1000 kg/m^3
Phantom section: Flat Section

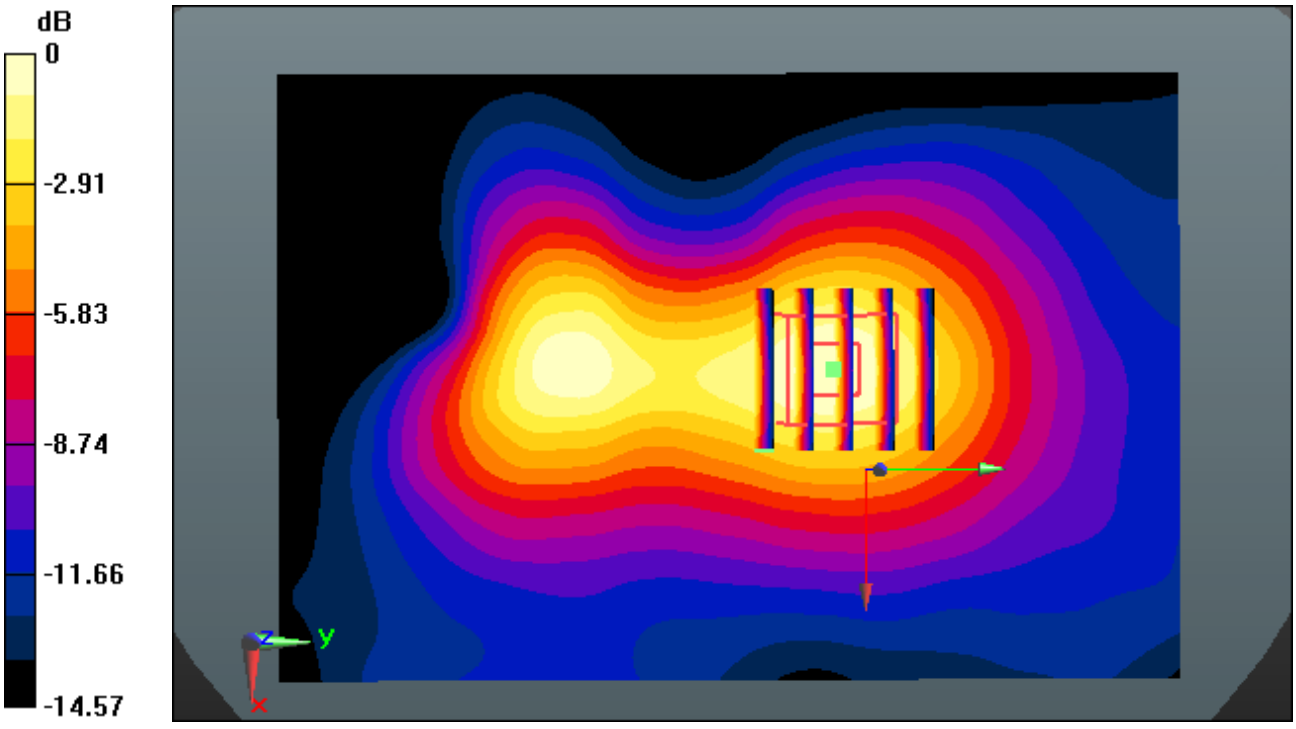
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-24; Ambient Temp: 21.0 Tissue Temp:21.4

1 cm space from Body, Left, 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 = 0.03 dB
Peak SAR (extrapolated) = 0.364 mW/g
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.137 W/kg



0 dB = 0.300 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

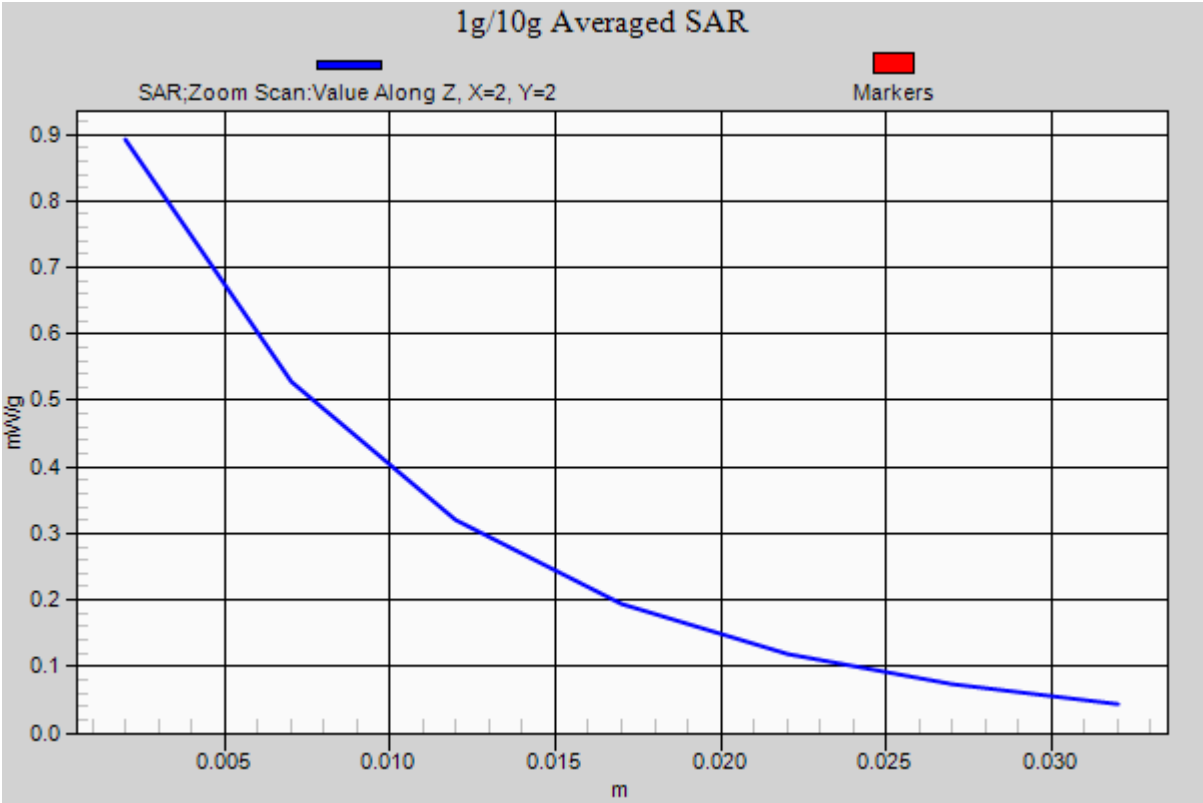
Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.503 mho/m; ε_r = 53.629; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-24; Ambient Temp: 21.0 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 = 0.10 dB
Peak SAR (extrapolated) = 1.123 mW/g
SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.364 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

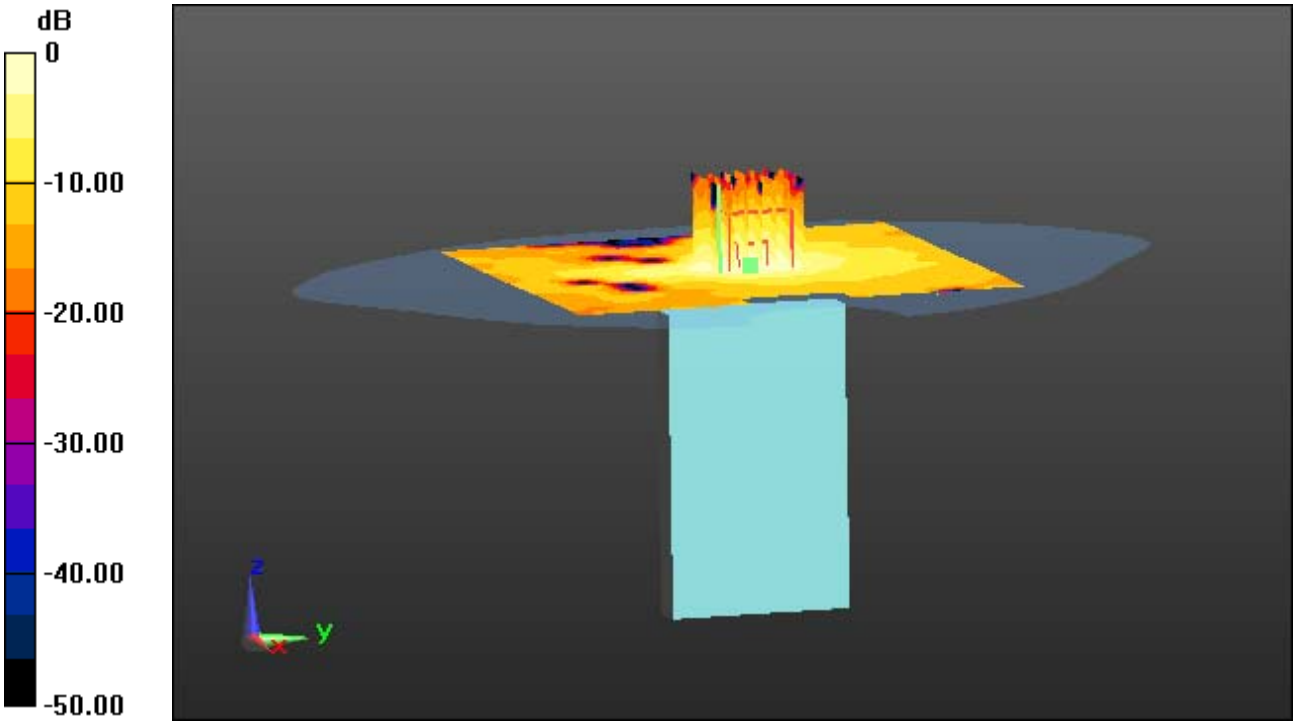
Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.006 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-25; Ambient Temp: 21.3 Tissue Temp:21.8

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

Area Scan (131x131x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.125 mW/g
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.034 W/kg



0 dB = 0.0942 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.006 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Phantom section: Flat Section

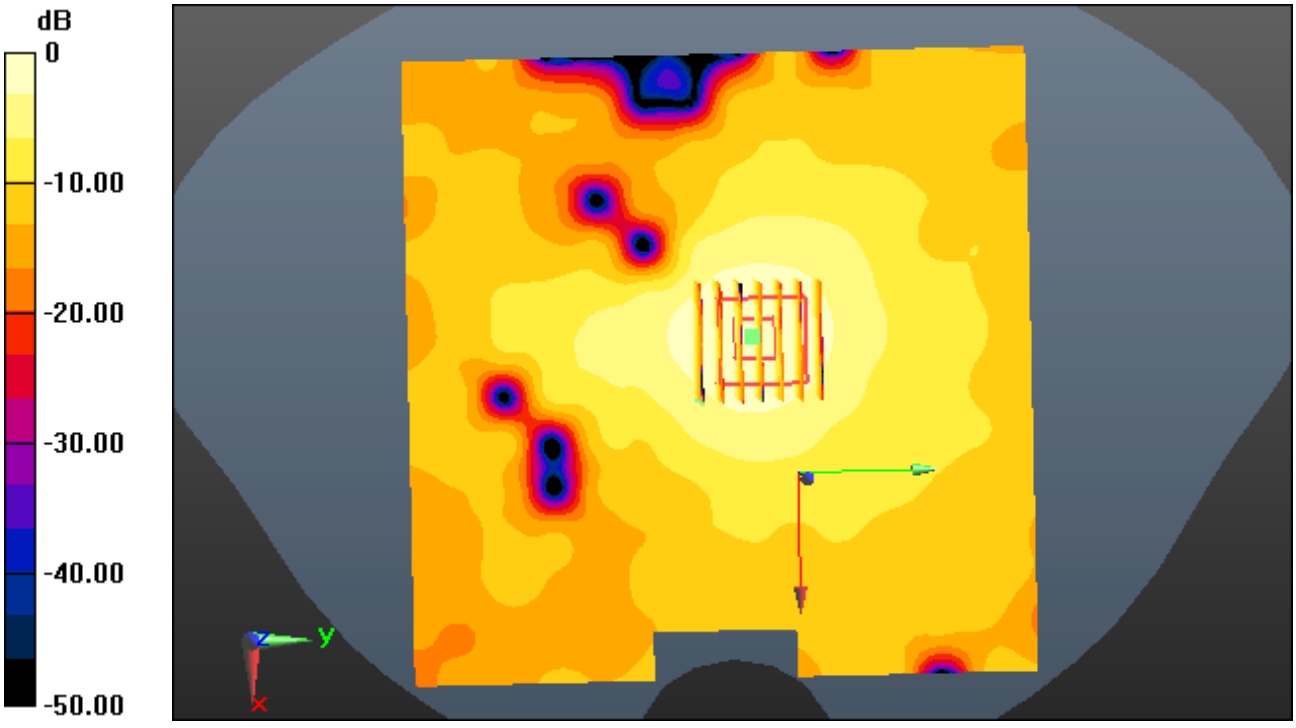
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-25; Ambient Temp: 21.3 Tissue Temp:21.8

1 cm space from Body, Top, W-LAN(802.11b) Ch. 11, 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 = -0.00 dB
Peak SAR (extrapolated) = 0.125 mW/g
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.034 W/kg



0 dB = 0.0942 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

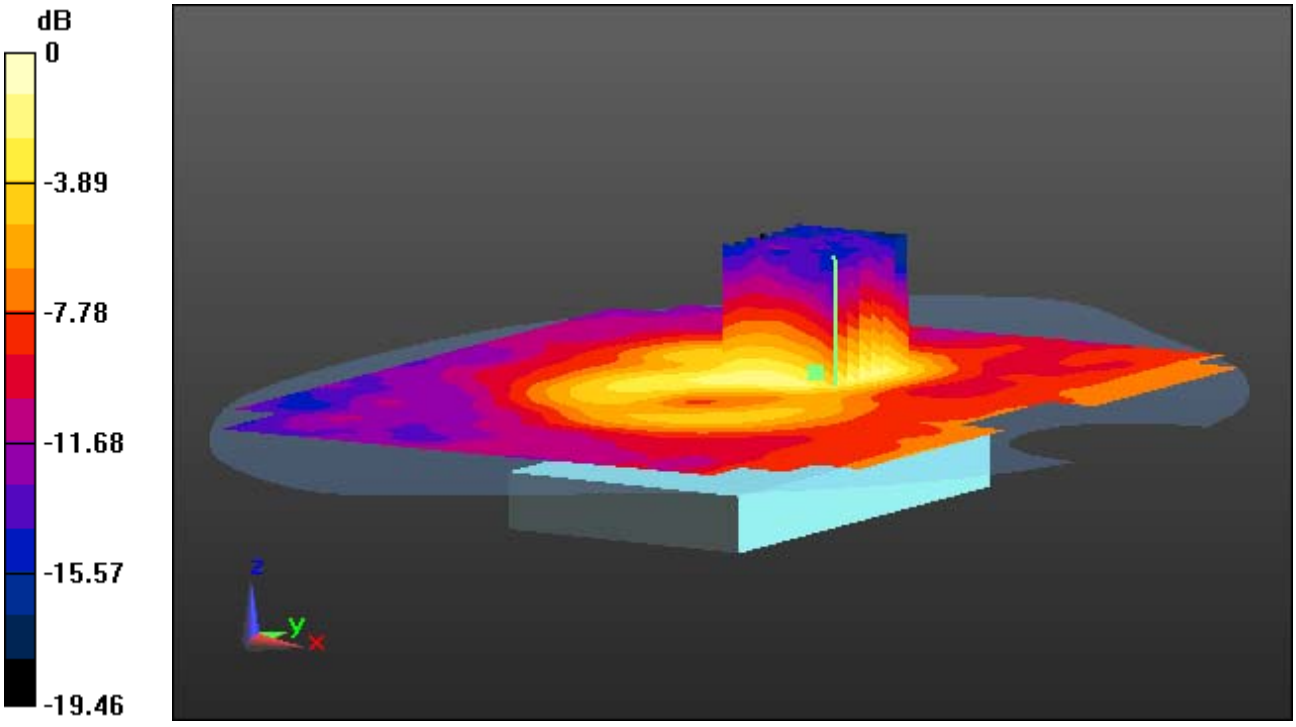
Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.006 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-25; Ambient Temp: 21.3 Tissue Temp:21.8

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

Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.202 mW/g
SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.152 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.006 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Phantom section: Flat Section

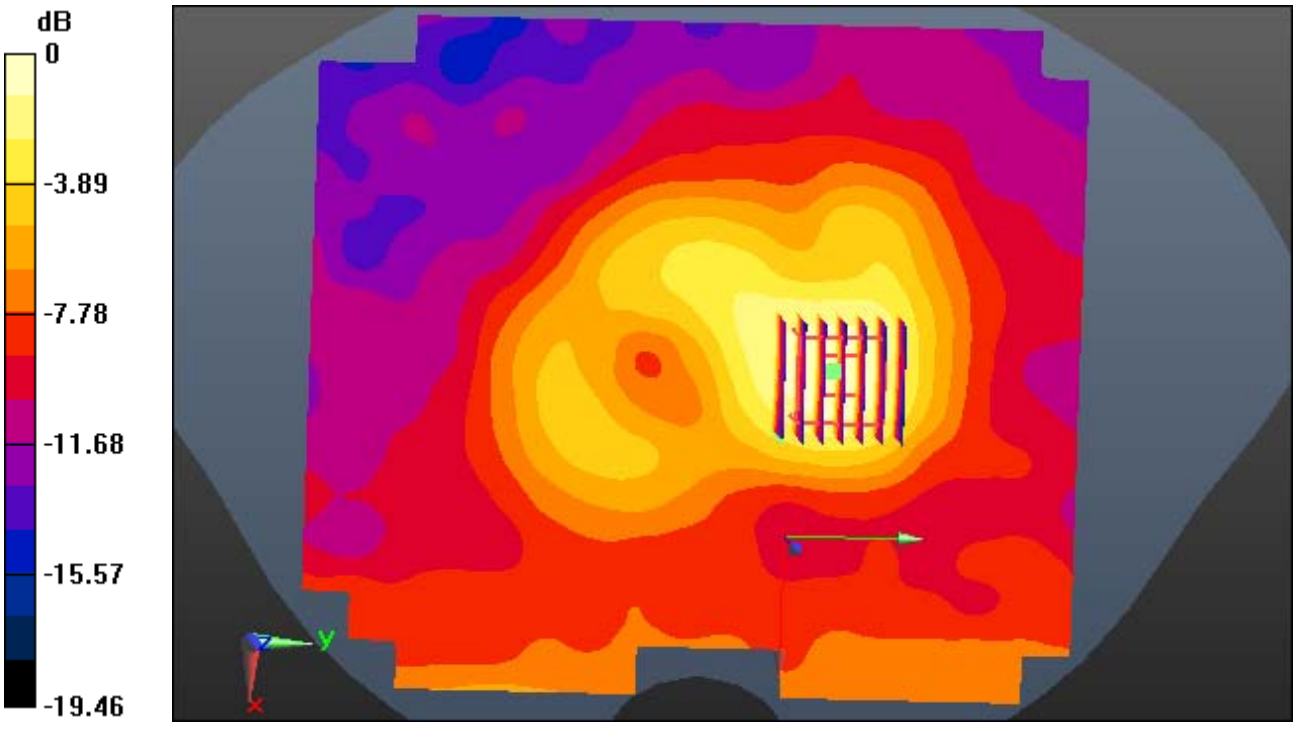
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-25; Ambient Temp: 21.3 Tissue Temp:21.8

1 cm space from Body, Front, 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 = -0.18 dB
Peak SAR (extrapolated) = 0.202 mW/g
SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.152 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

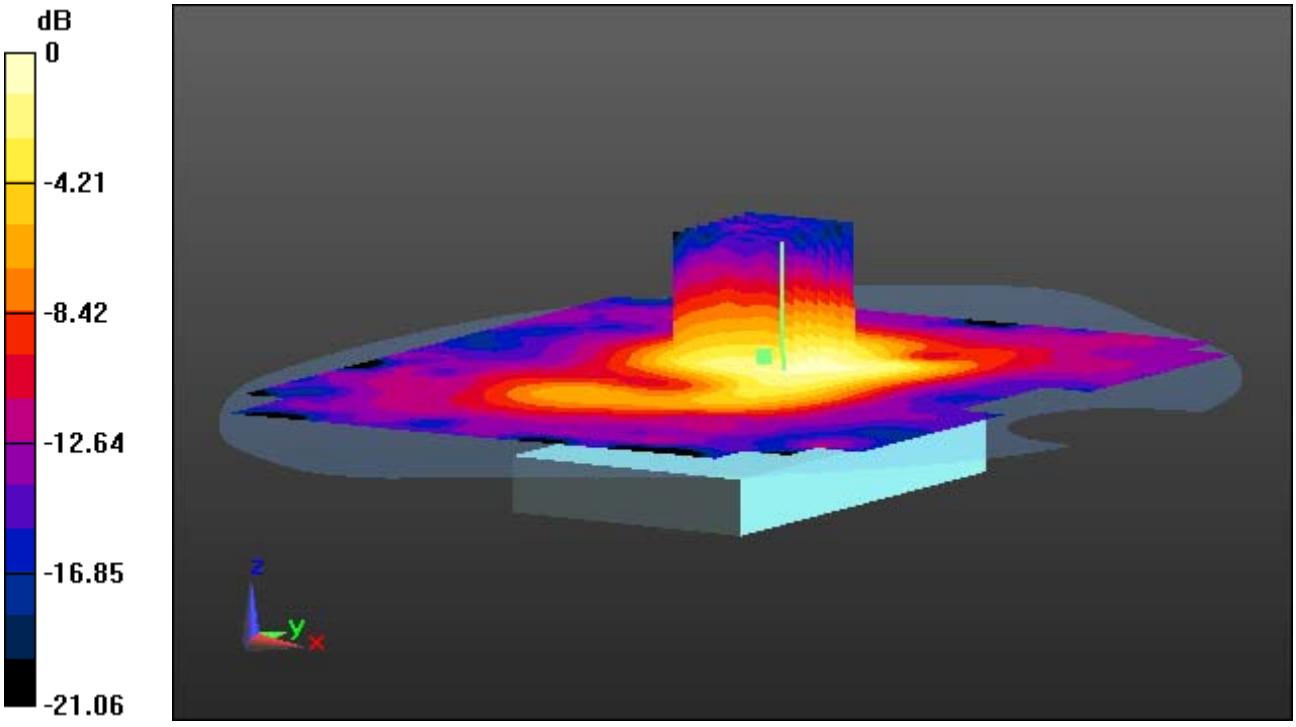
Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.941 mho/m; ε_r = 54.11; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-25; Ambient Temp: 21.3 Tissue Temp:21.8

1 cm space from Body, Rear, 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 = -0.12 dB
Peak SAR (extrapolated) = 0.209 mW/g
SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.065 W/kg



0 dB = 0.158 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.941 mho/m; ε_r = 54.11; ρ = 1000 kg/m^3
Phantom section: Flat Section

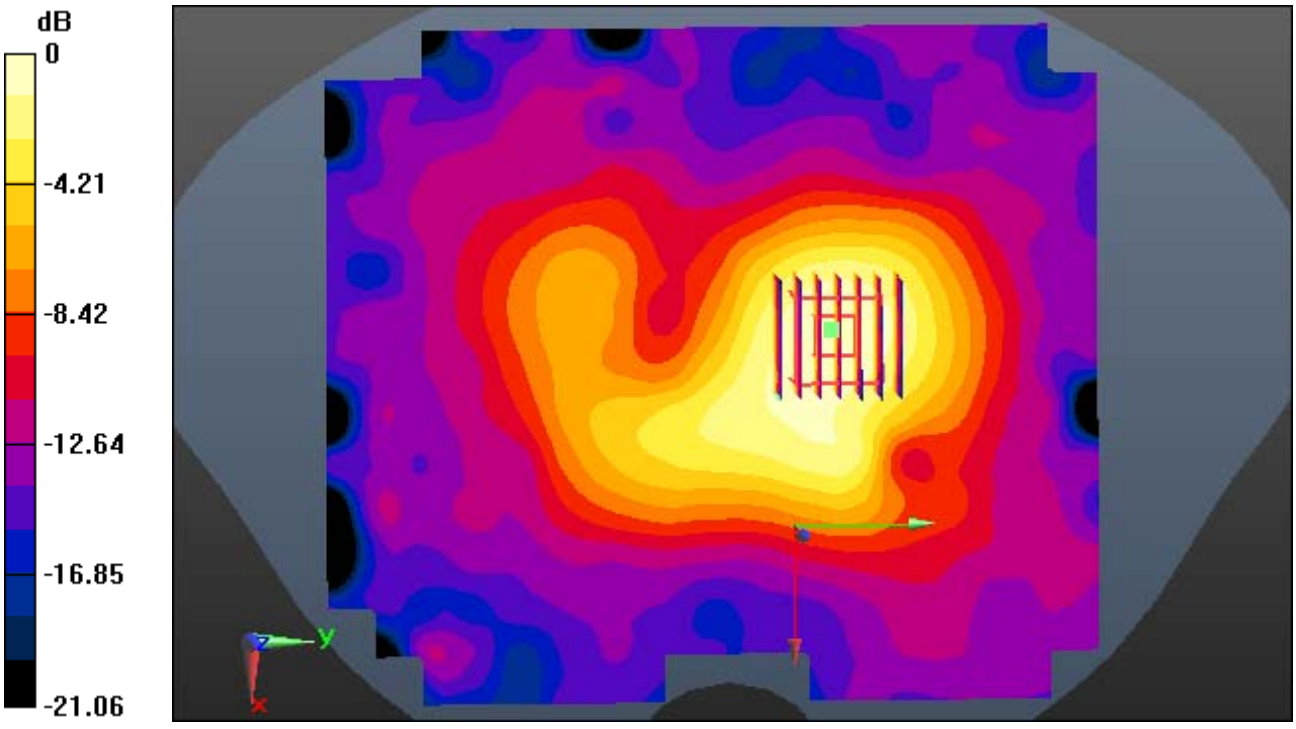
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-25; Ambient Temp: 21.3 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=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.209 mW/g
SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.065 W/kg



0 dB = 0.158 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

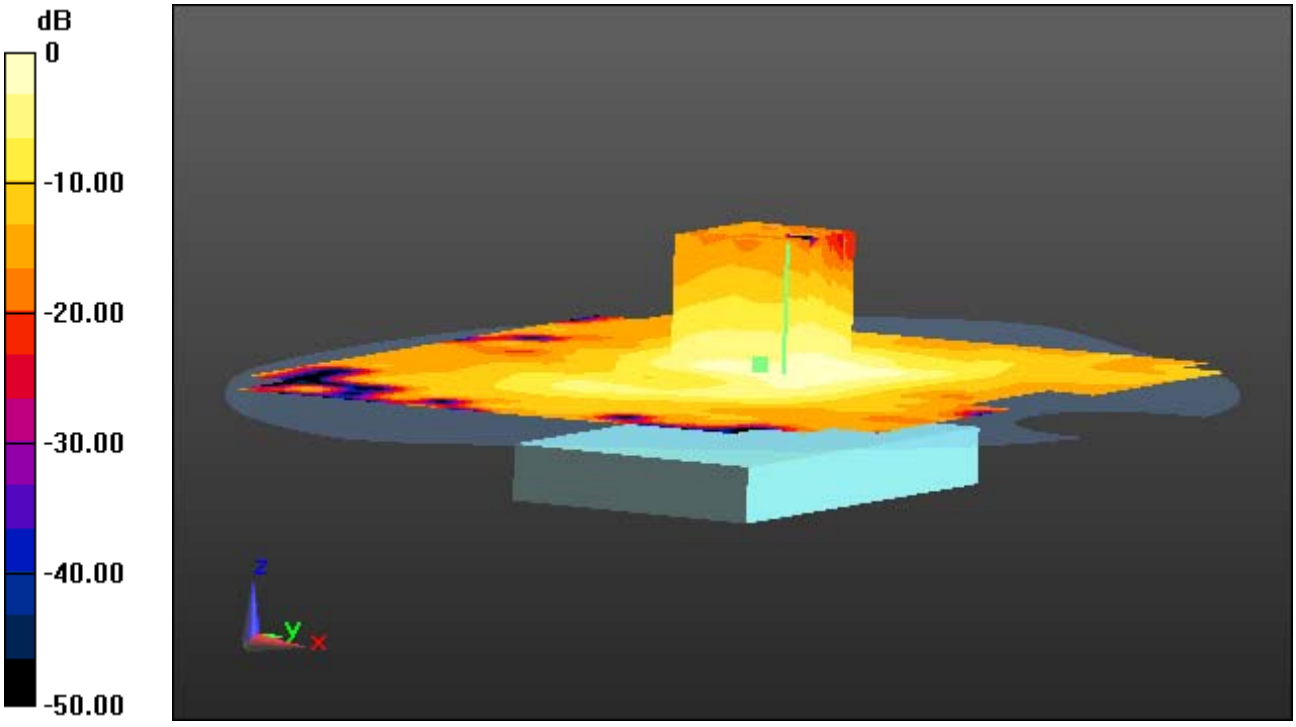
Communication System: W-LAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.975 mho/m; ε_r = 54.036; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-25; Ambient Temp: 21.3 Tissue Temp:21.8

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 6, 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 = -0.20 dB
Peak SAR (extrapolated) = 0.177 mW/g
SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.053 W/kg



0 dB = 0.133 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: W-LAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.975 mho/m; ε_r = 54.036; ρ = 1000 kg/m^3
Phantom section: Flat Section

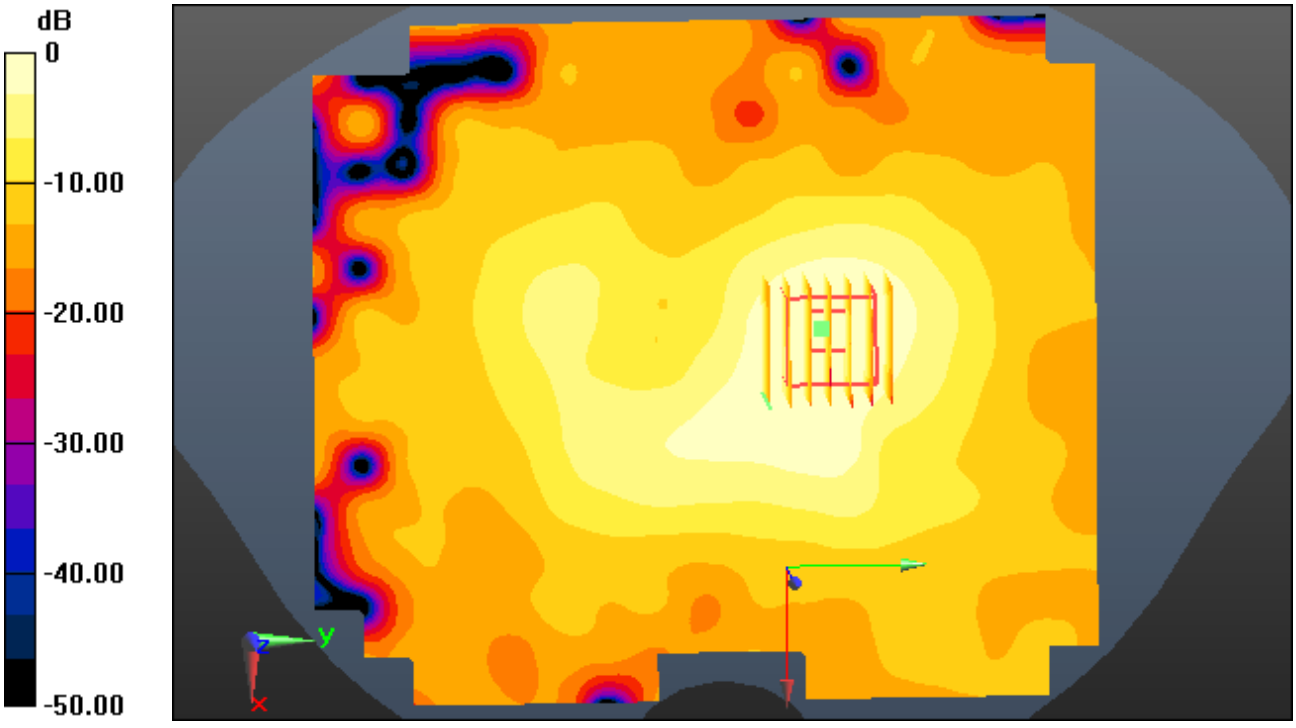
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-25; Ambient Temp: 21.3 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 = -0.20 dB
Peak SAR (extrapolated) = 0.177 mW/g
SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.053 W/kg



0 dB = 0.133 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

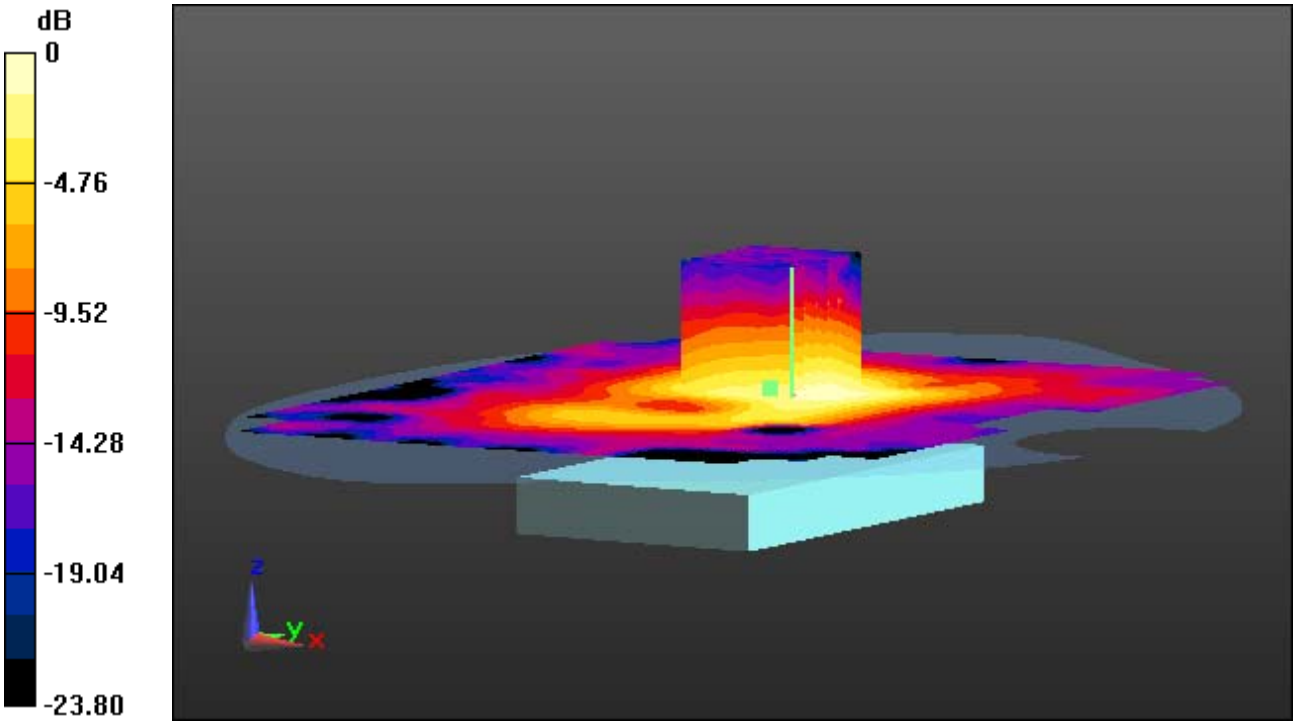
Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.006 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-25; Ambient Temp: 21.3 Tissue Temp:21.8

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

Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.231 mW/g
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.074 W/kg



0 dB = 0.177 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.006 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Phantom section: Flat Section

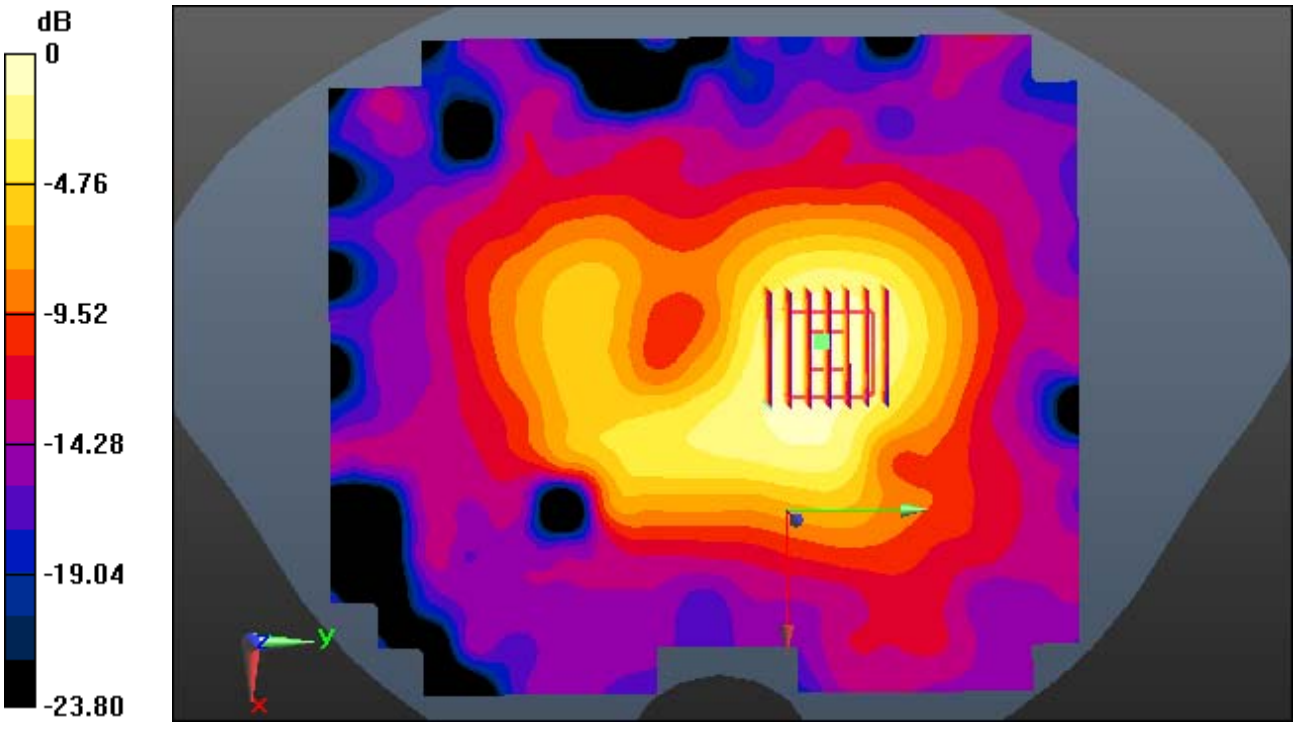
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-25; Ambient Temp: 21.3 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 = 0.12 dB
Peak SAR (extrapolated) = 0.231 mW/g
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.074 W/kg



0 dB = 0.177 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

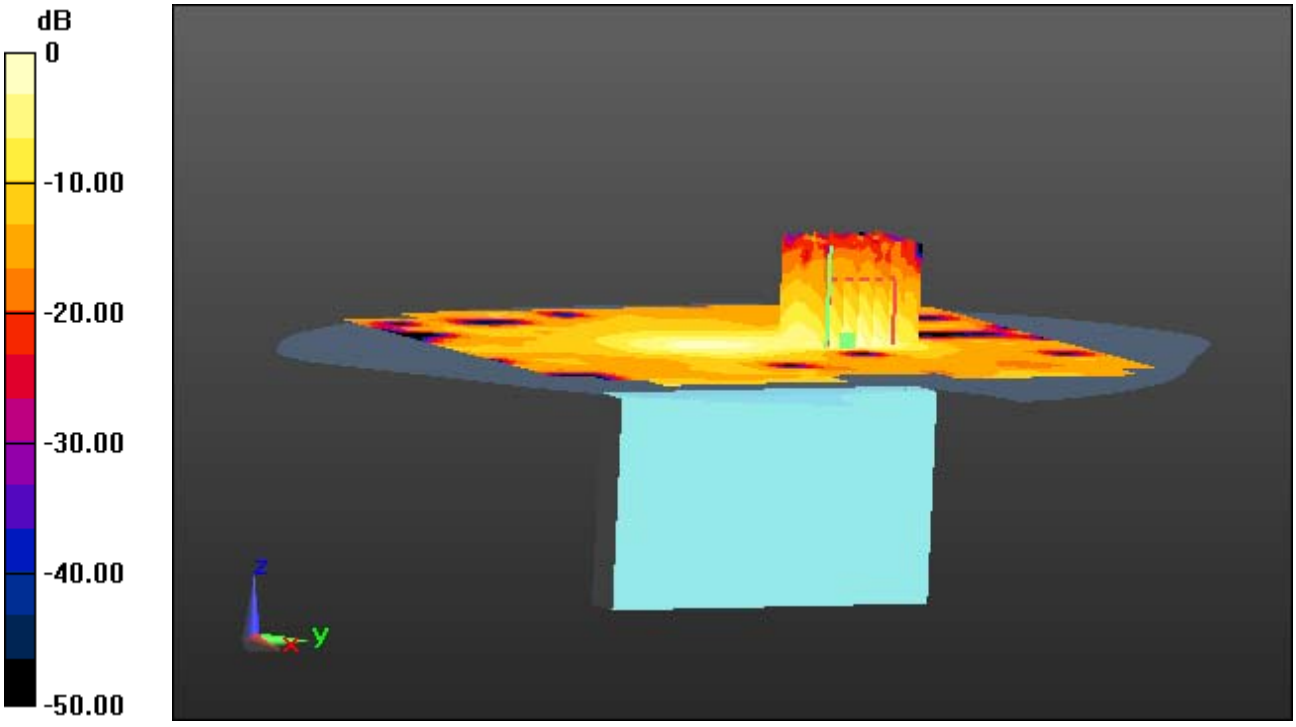
Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.006 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2013-02-25; Ambient Temp: 21.3 Tissue Temp:21.8

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

Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.210 mW/g
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.043 W/kg



0 dB = 0.152 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.006 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Phantom section: Flat Section

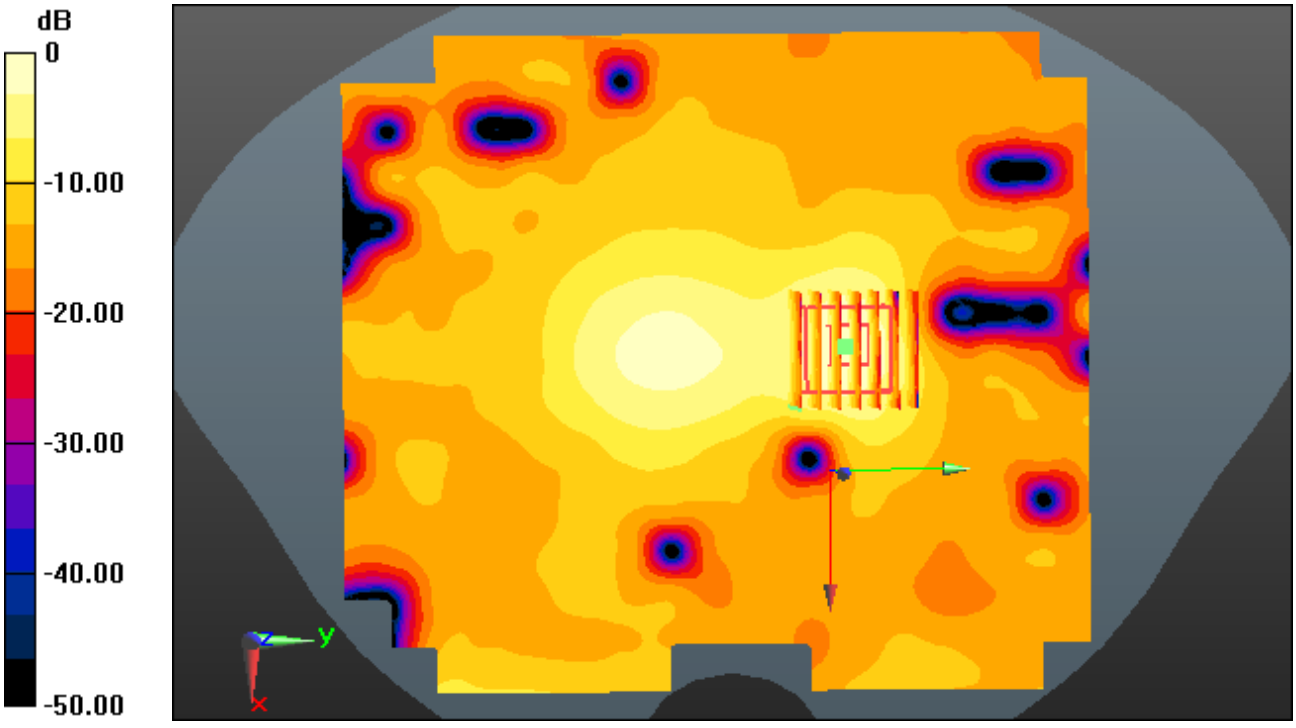
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-25; Ambient Temp: 21.3 Tissue Temp:21.8

1 cm space from Body, Left, 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 = 0.07 dB
Peak SAR (extrapolated) = 0.210 mW/g
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.043 W/kg



0 dB = 0.152 mW/g

DIGITAL EMC CO., LTD

DUT: LG-E425g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.006 mho/m; ε_r = 53.935; ρ = 1000 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: 2013-02-25; Ambient Temp: 21.3 Tissue Temp:21.8

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

Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.231 mW/g
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.074 W/kg