

SAR Test Plots – Body SAR Plots

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

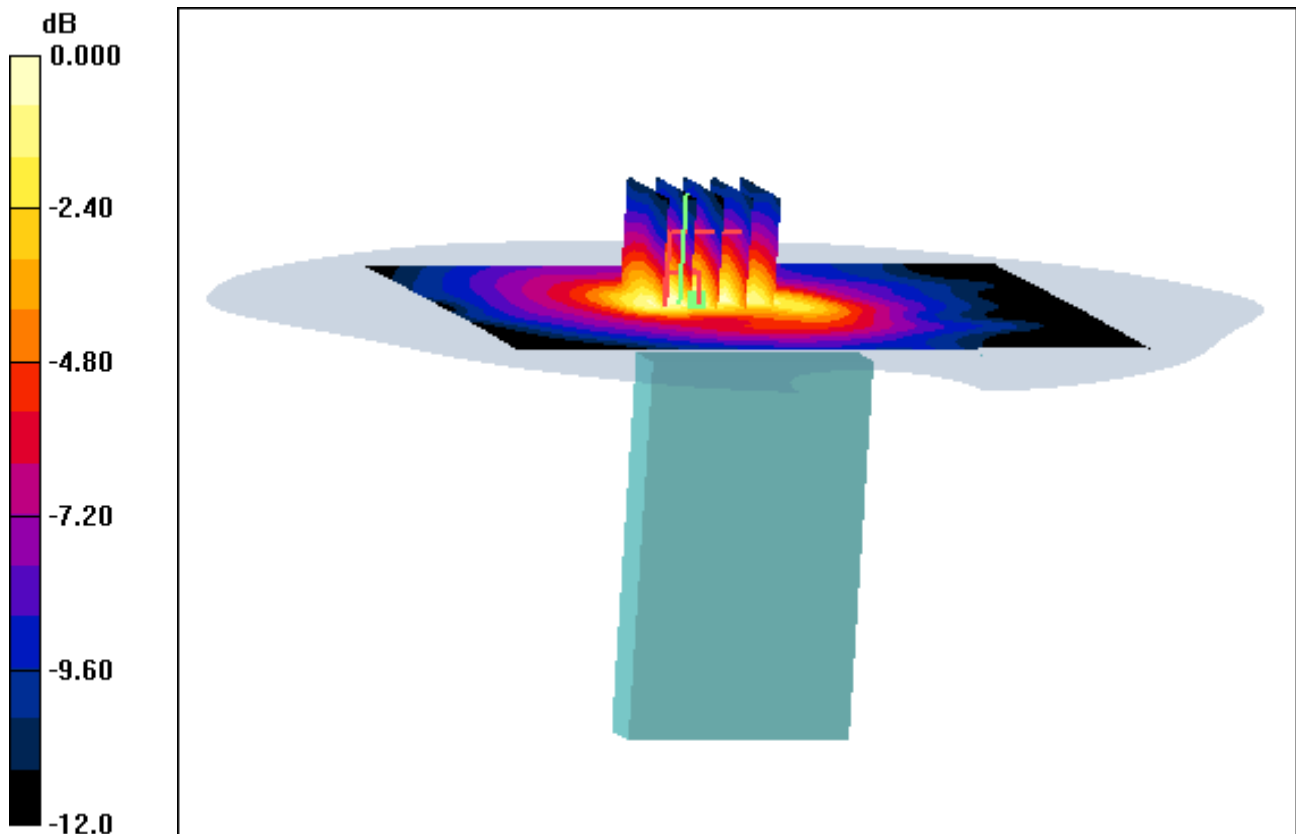
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.076 W/kg



0 dB = 0.168mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

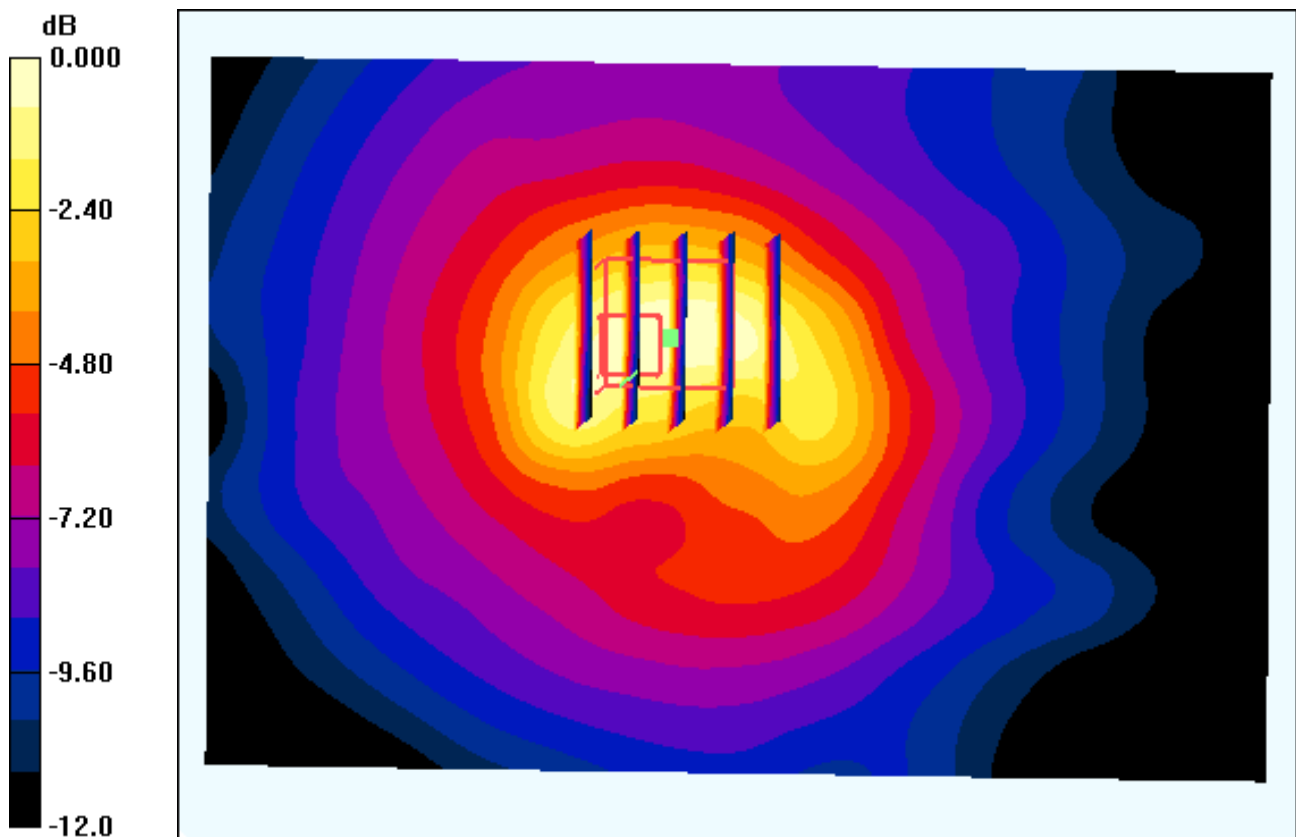
Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
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With Enlarge plot image

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Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

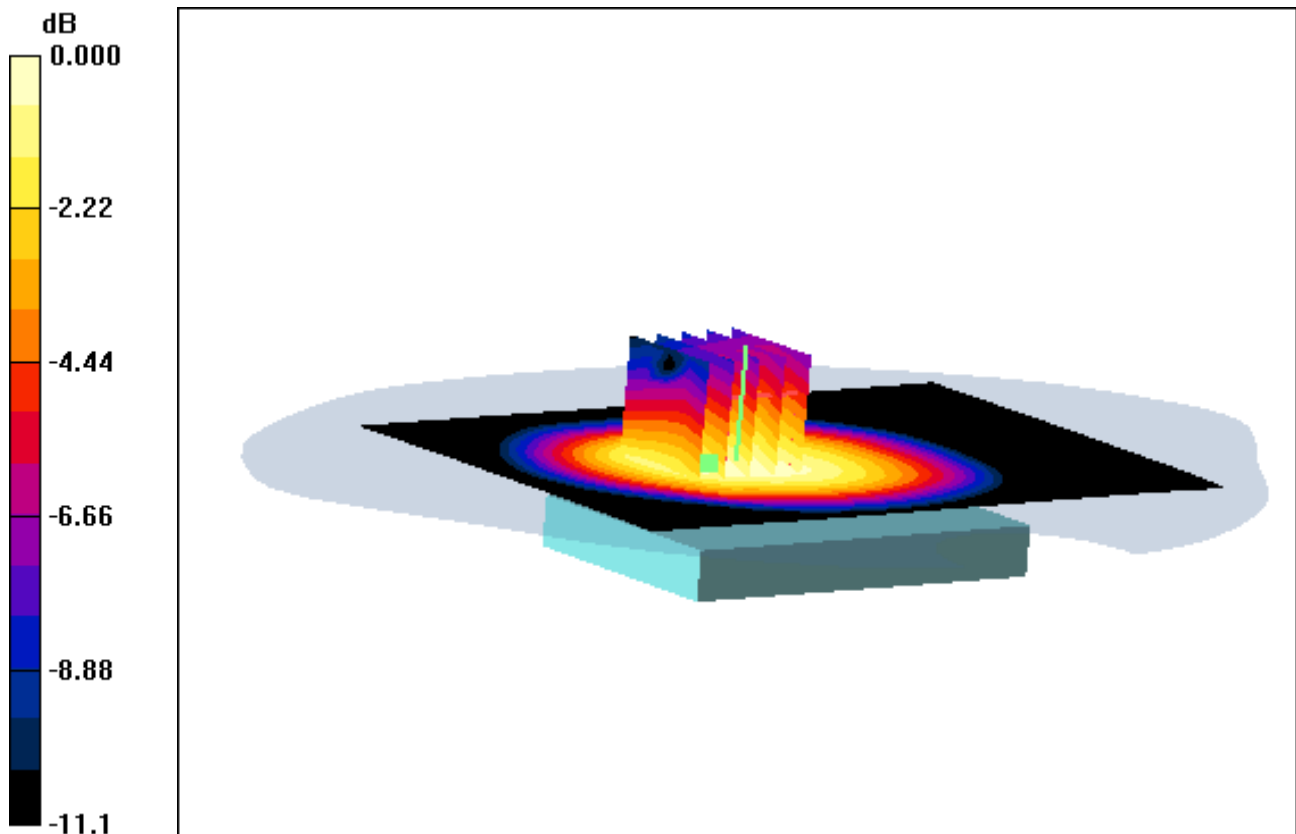
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.308 W/kg



0 dB = 0.484mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
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1 cm space from Body, Front, GSM850 GPRS 3 Tx Ch. 190, Ant Internal

With Enlarge plot image

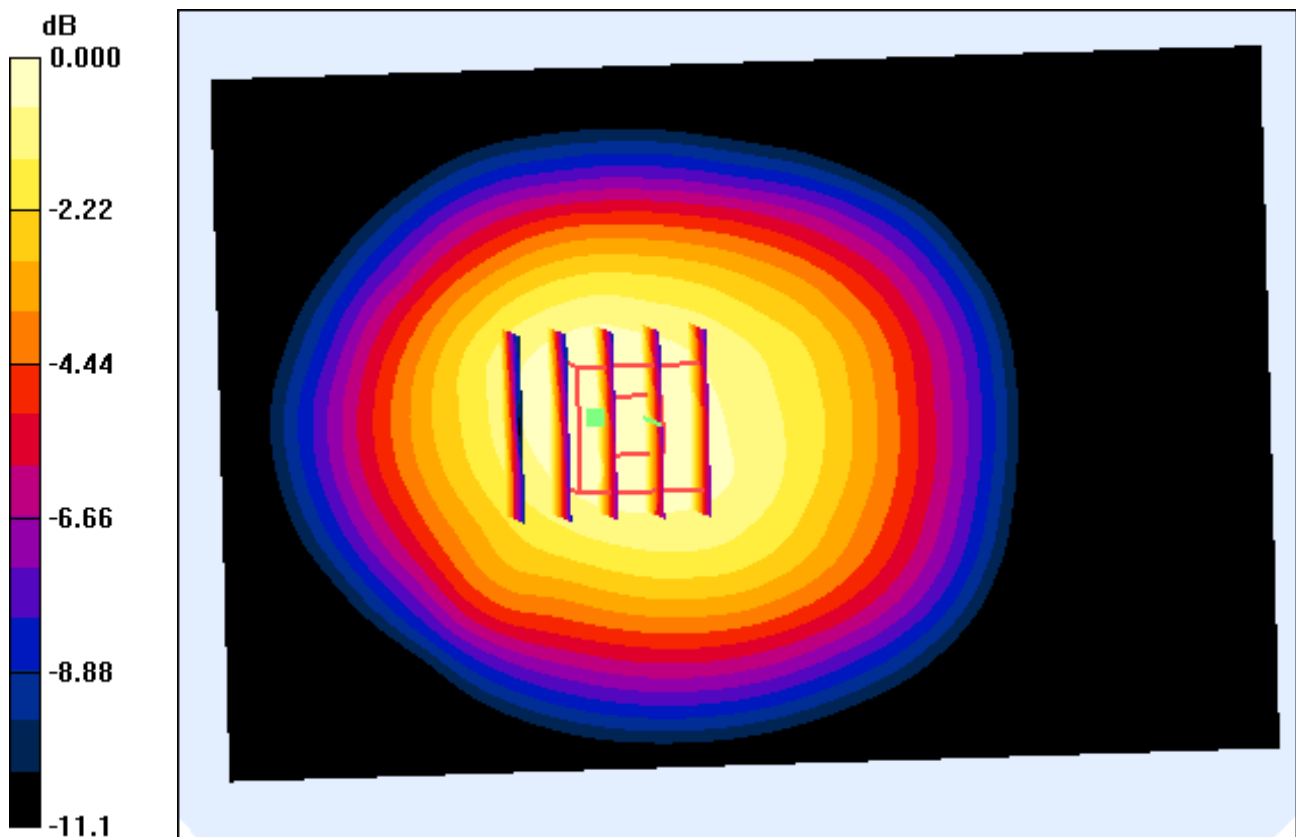
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Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

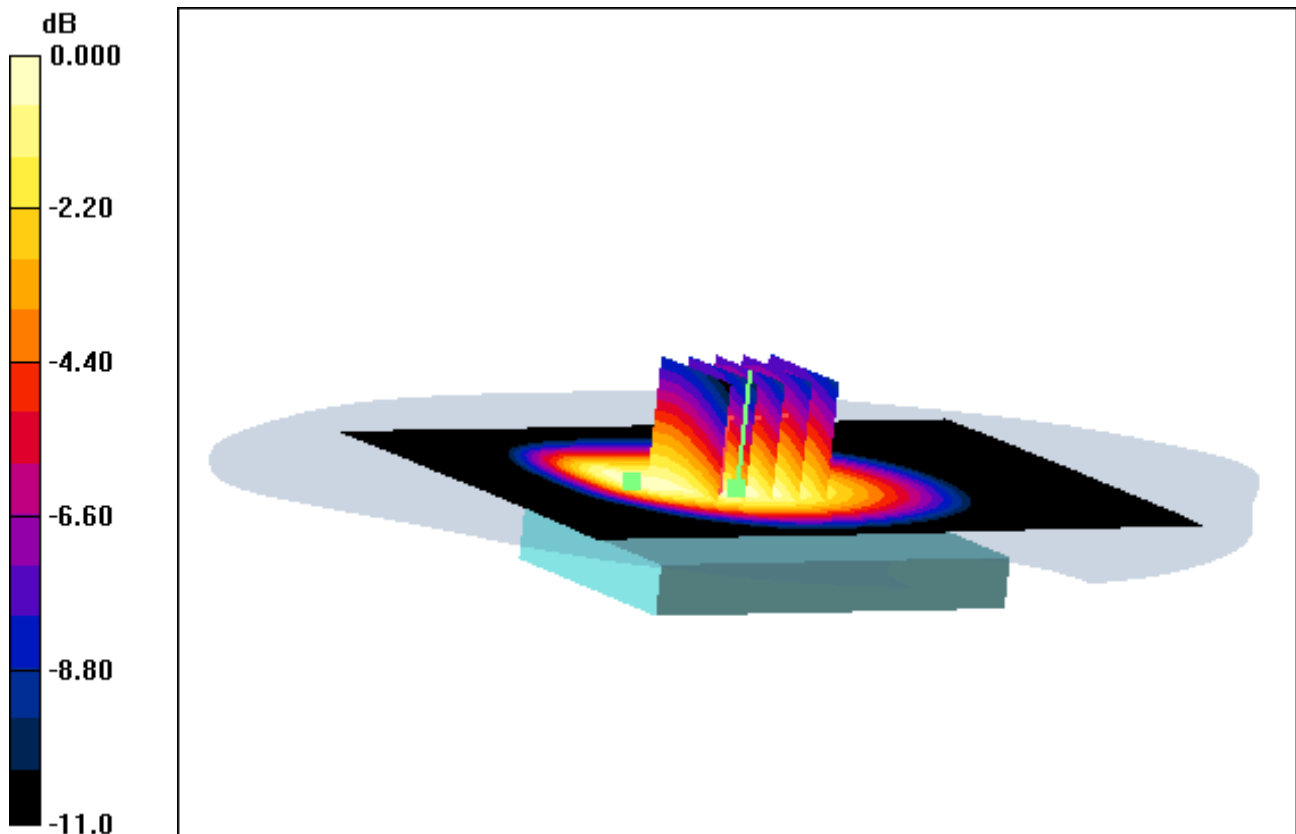
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.917 W/kg

SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.487 W/kg



0 dB = 0.810mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

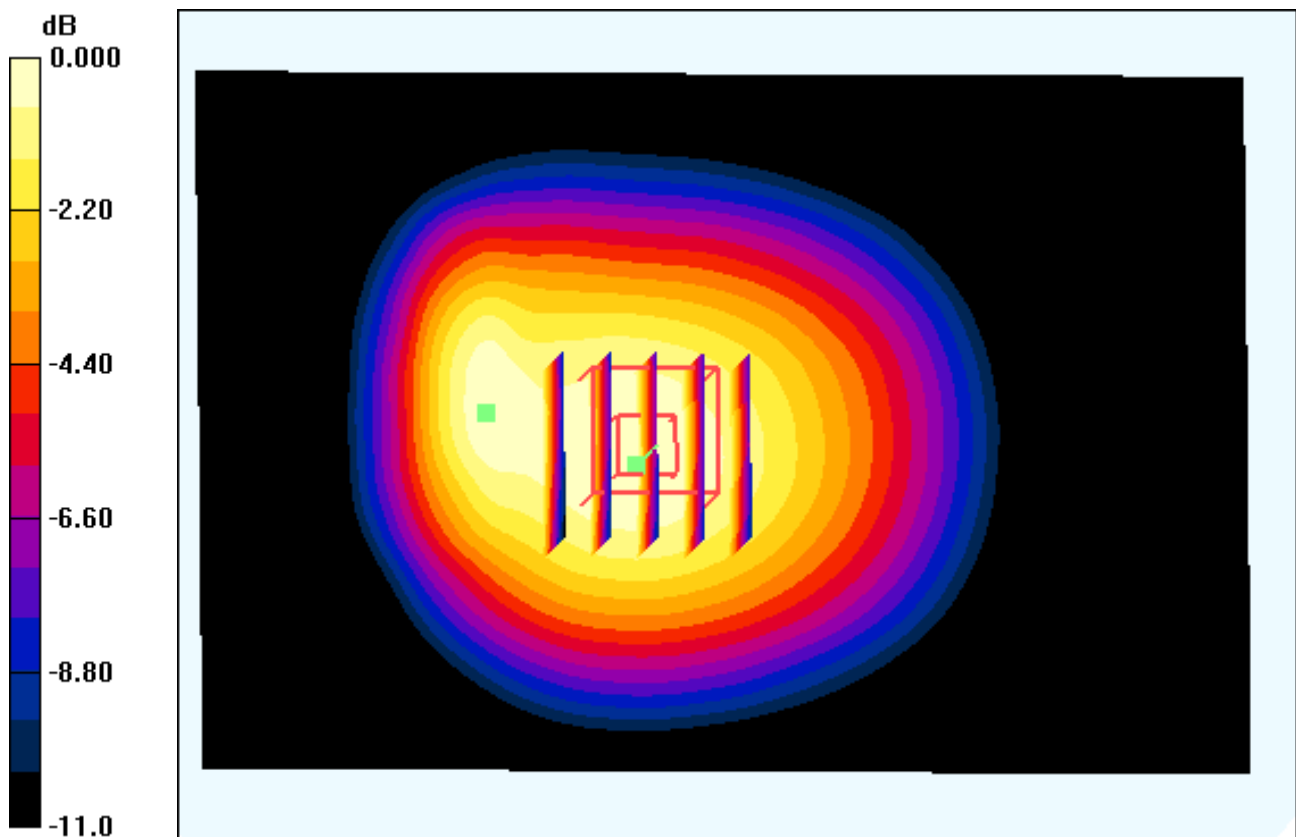
Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

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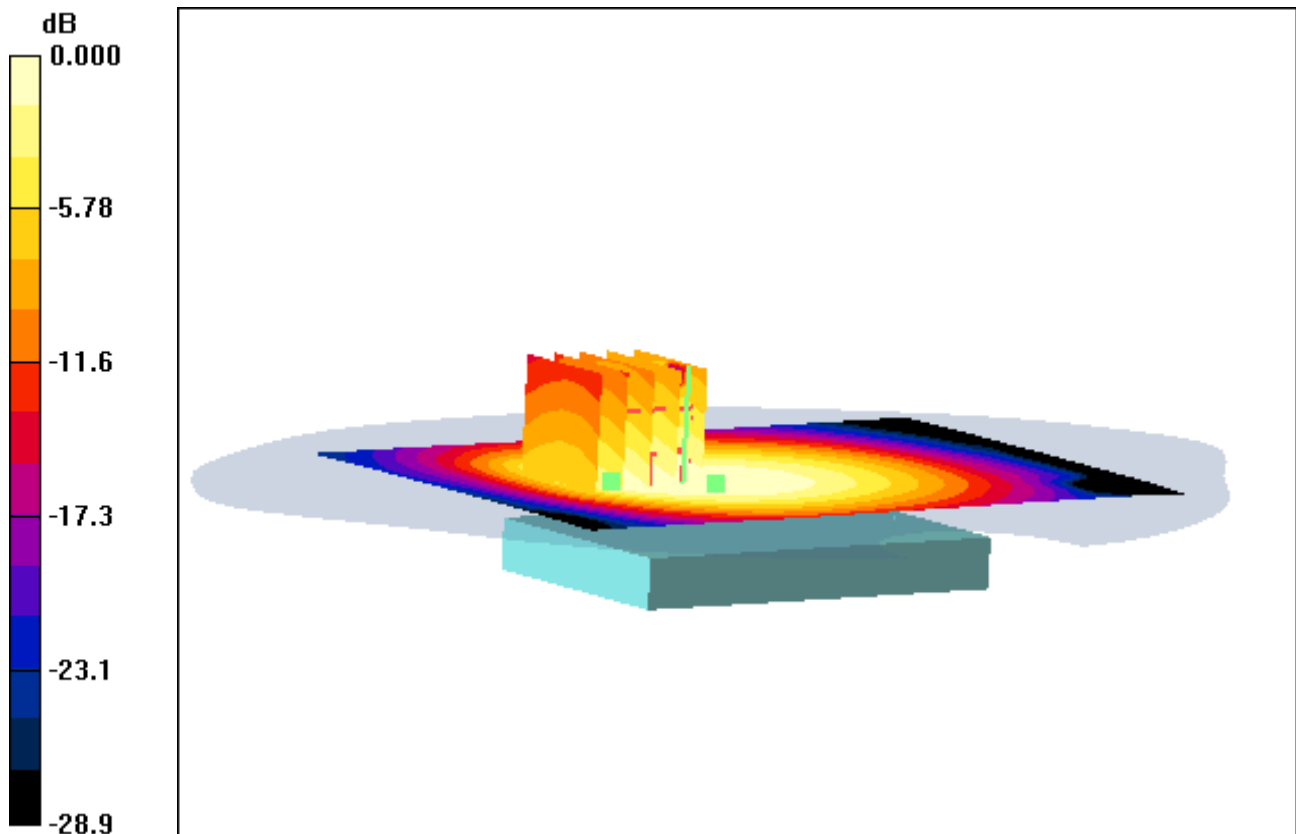
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.905 W/kg

SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.411 W/kg



0 dB = 0.762mW/g

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Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

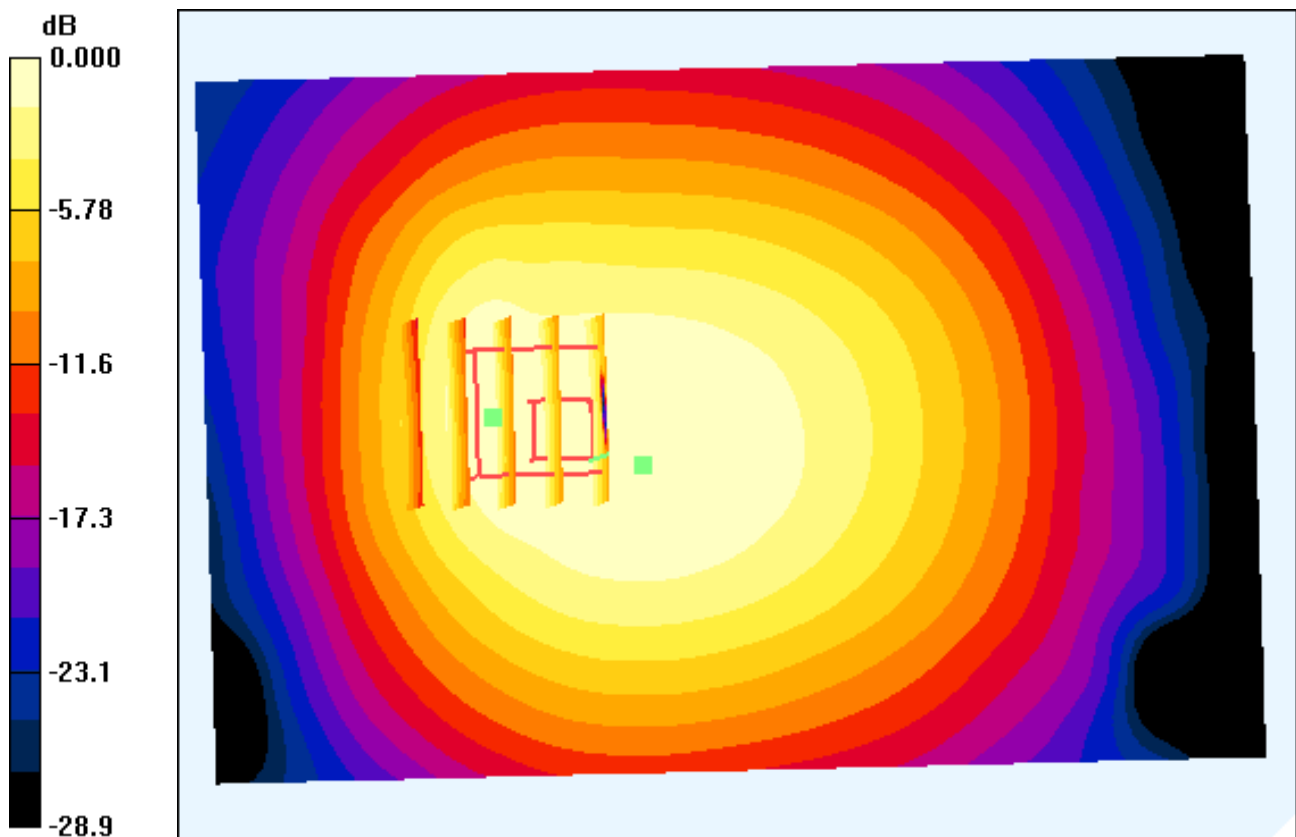
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1 cm space from Body, Rear, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

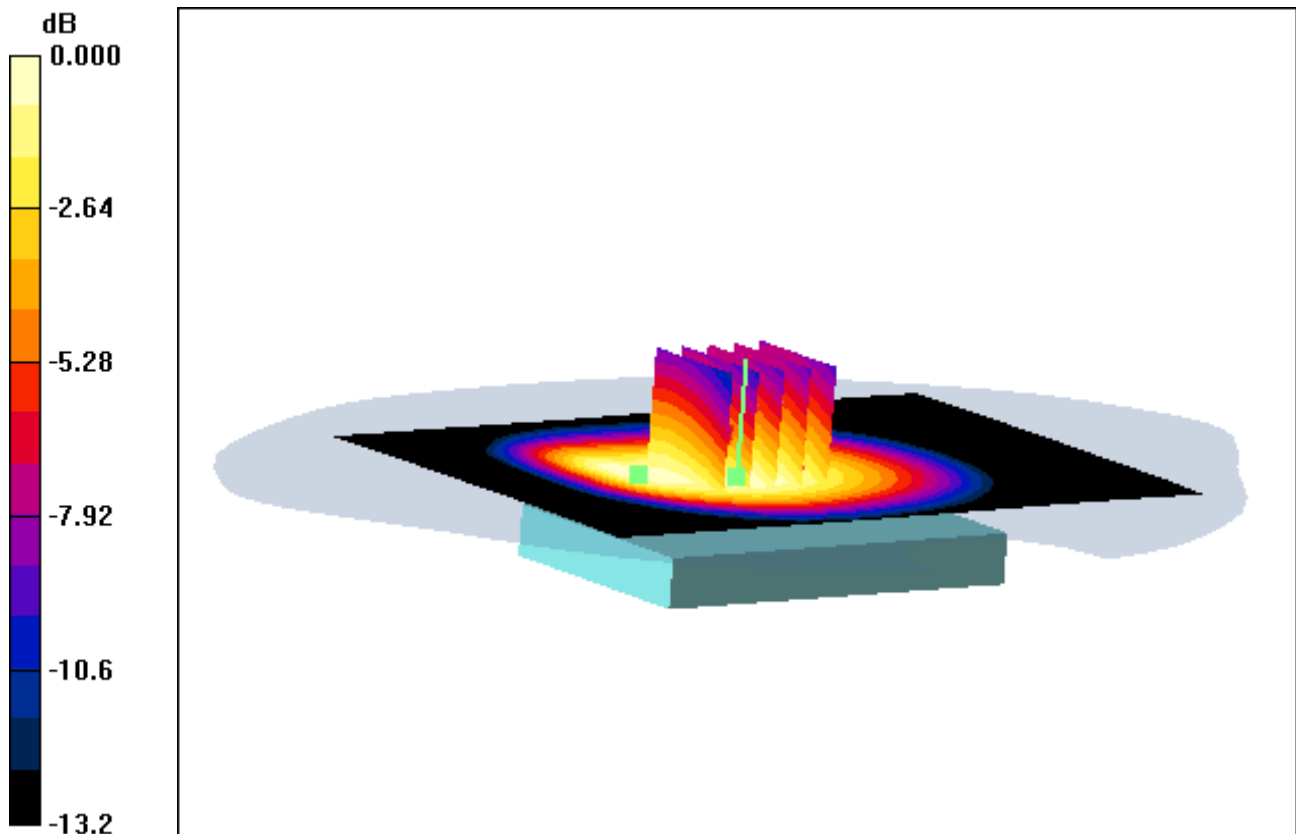
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.482 W/kg



0 dB = 0.818mW/g

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

With Enlarge plot image

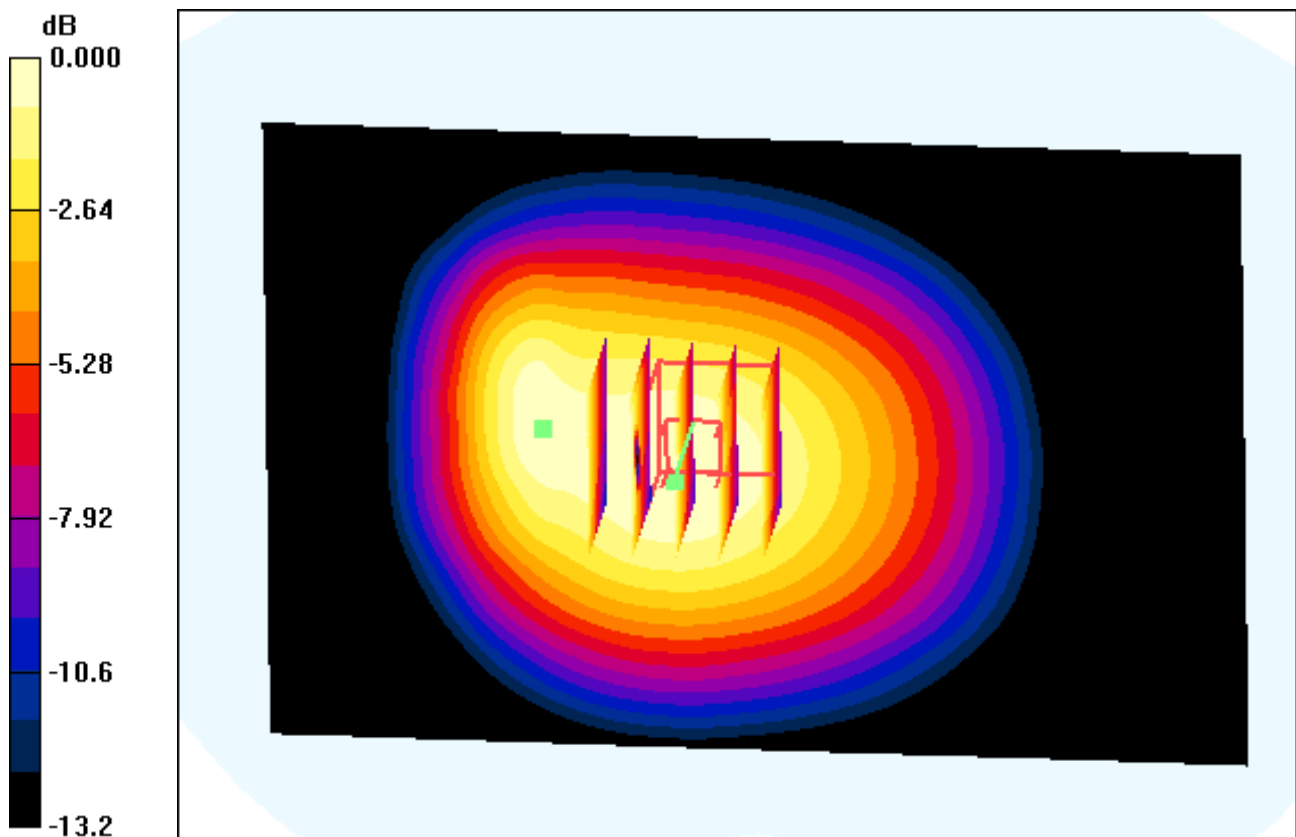
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1 cm space from Body, Rear, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

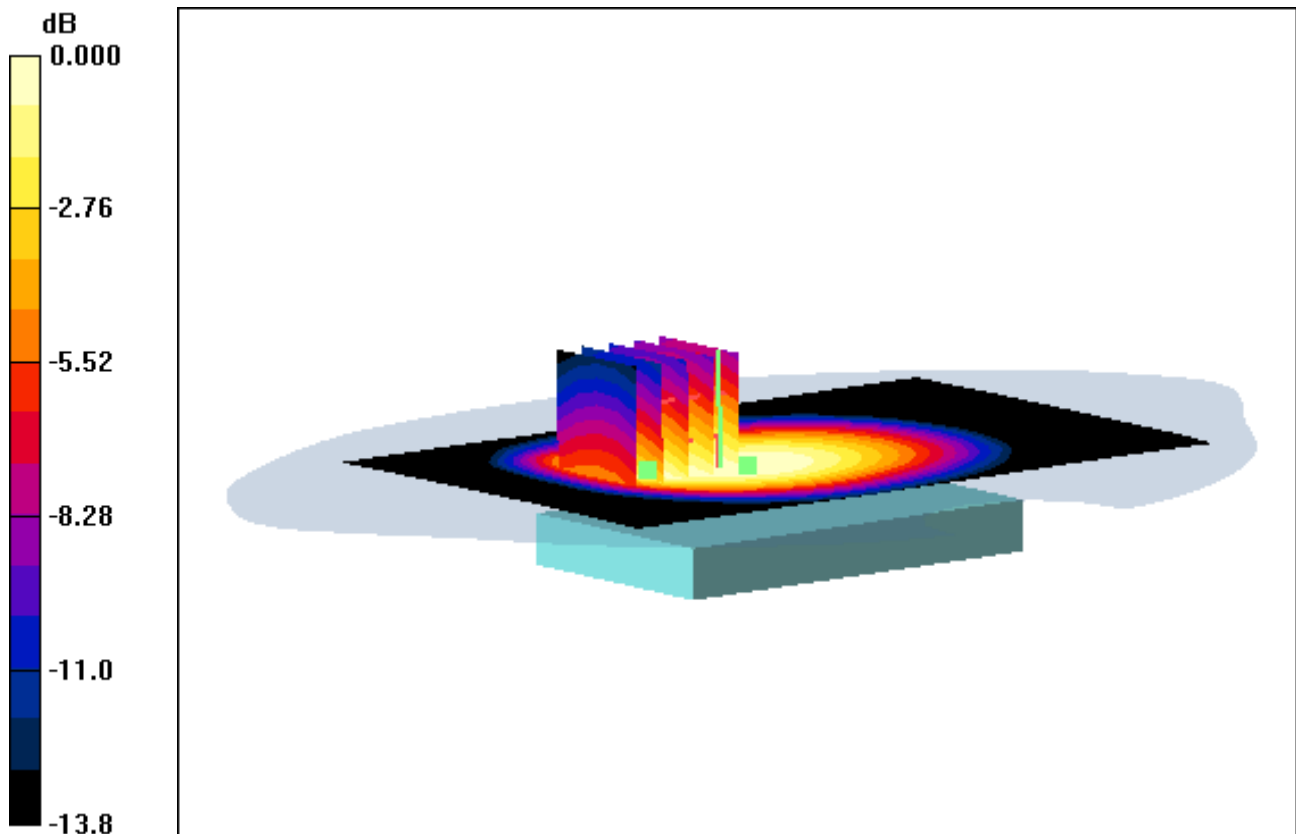
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.900 W/kg

SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.422 W/kg



0 dB = 0.781mW/g

DIGITAL EMC CO., LTD

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Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
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1 cm space from Body, Rear, GSM850 GPRS 1 Tx Ch. 190, Ant Internal

With Enlarge plot image

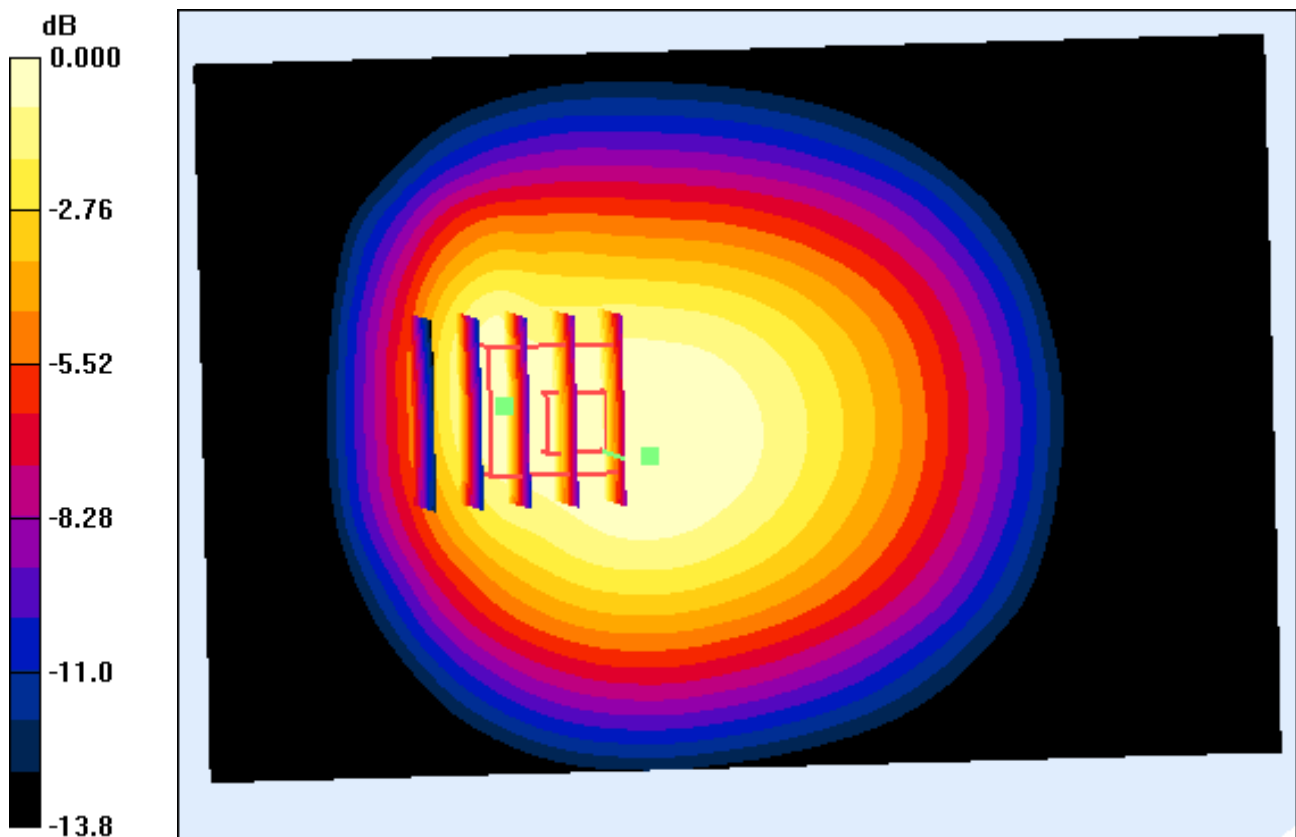
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DIGITAL EMC CO., LTD

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Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

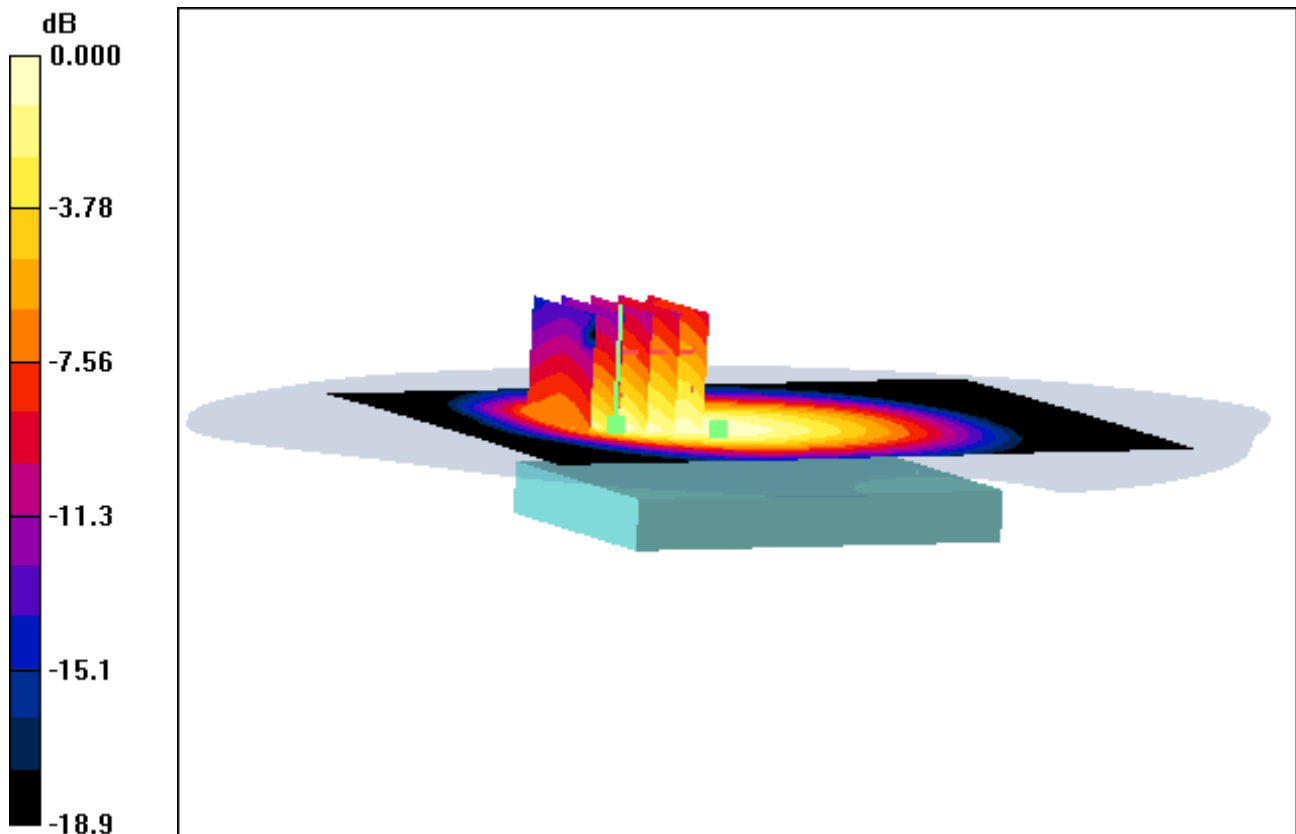
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.071 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.469 W/kg



0 dB = 0.956mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
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1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 190, Ant Internal

With Enlarge plot image

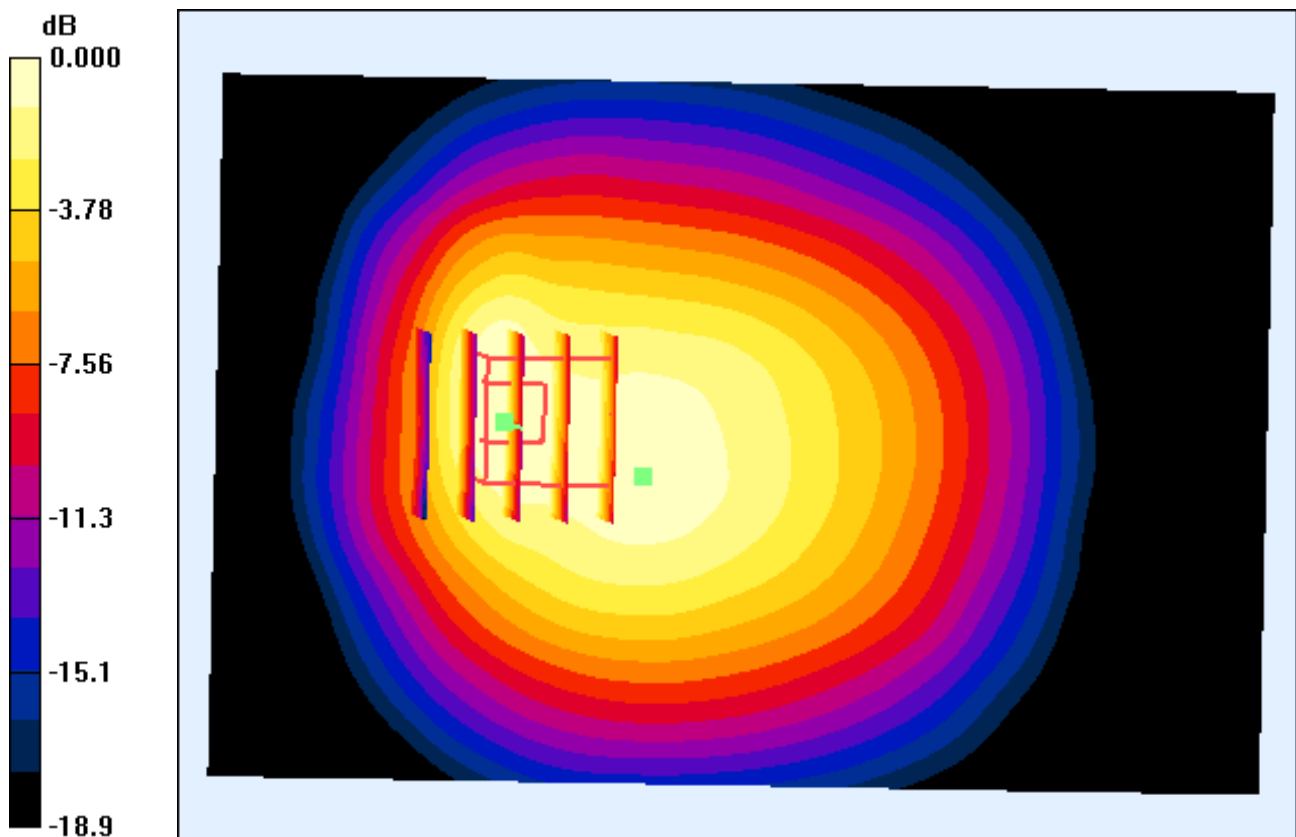
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0 dB = 0.956mW/g

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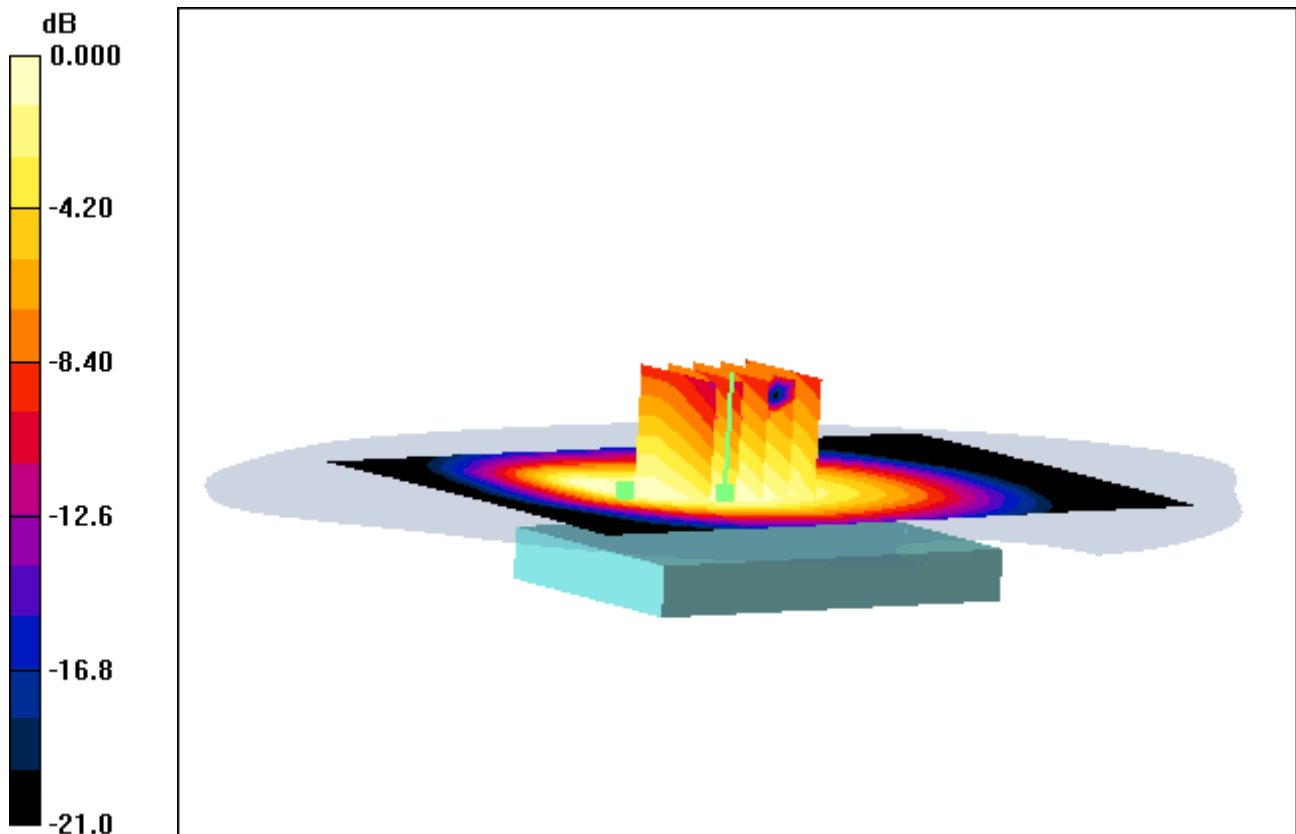
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Power Drift = -0.071 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.528 W/kg



0 dB = 0.893mW/g

DIGITAL EMC CO., LTD

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

With Enlarge plot image

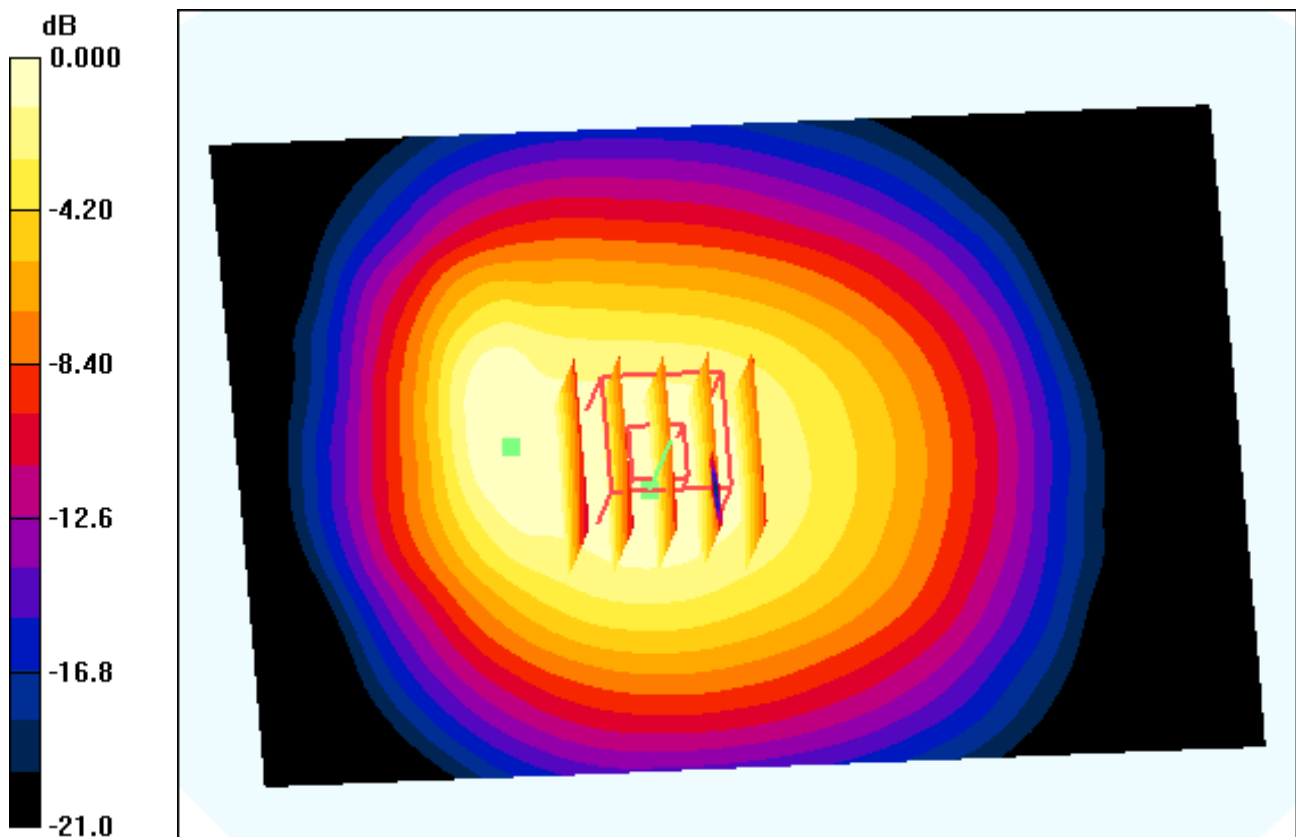
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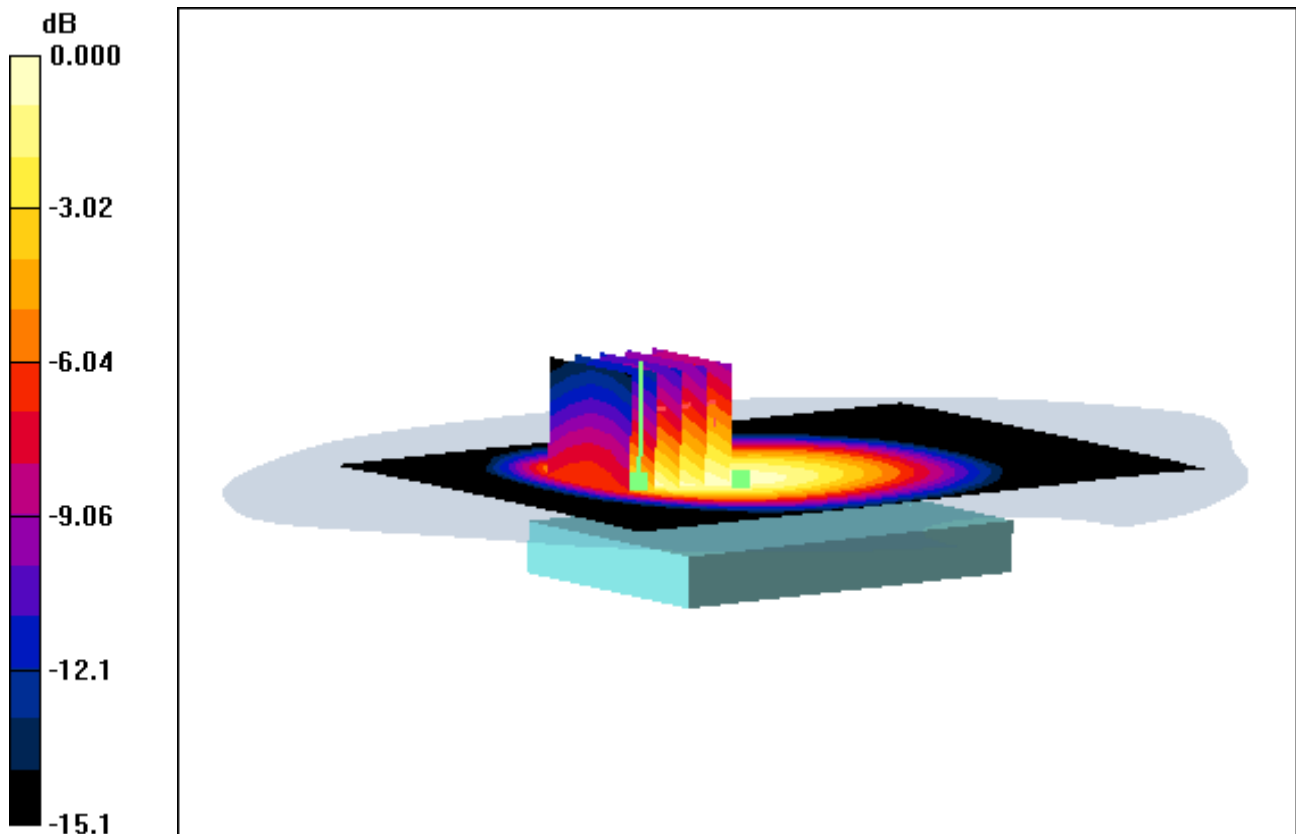
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.496 W/kg



0 dB = 1.01mW/g

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Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

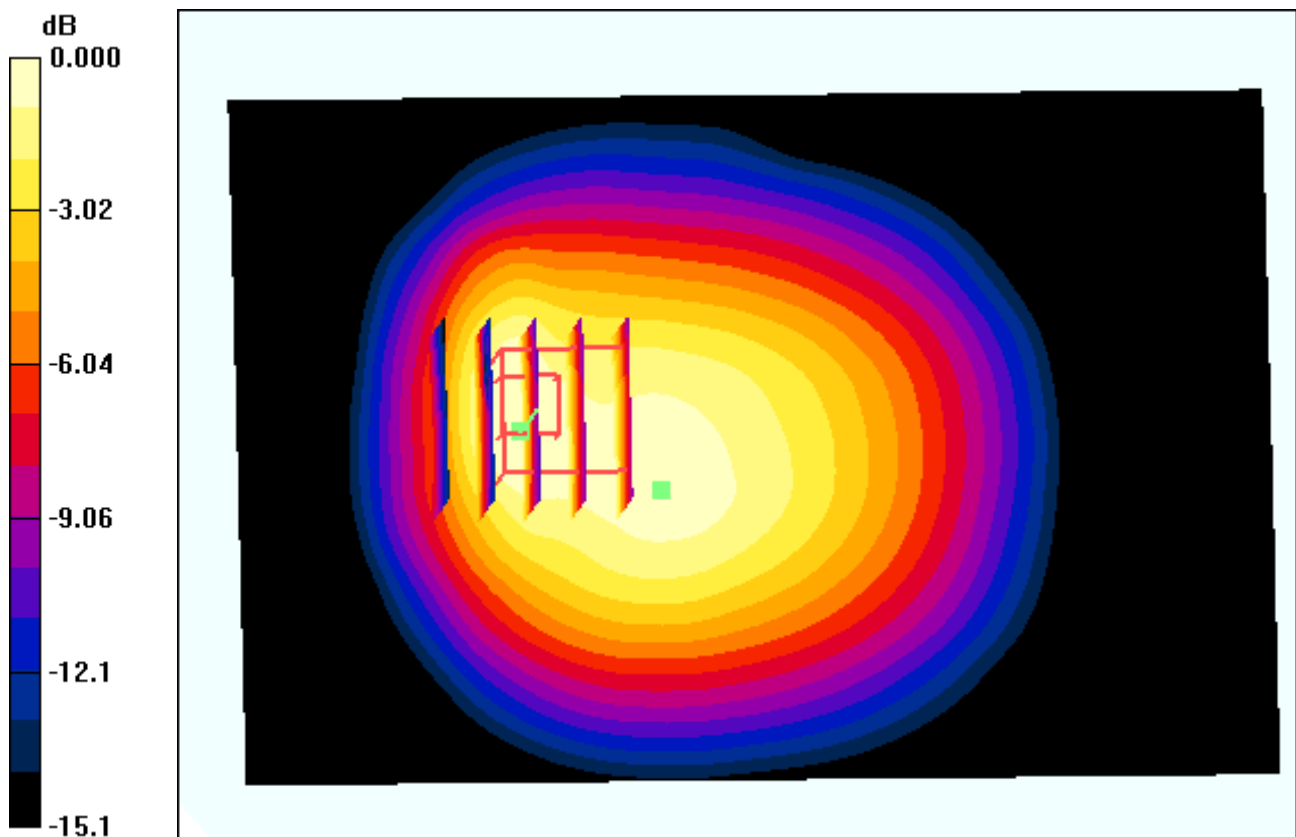
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.496 W/kg



0 dB = 1.01mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

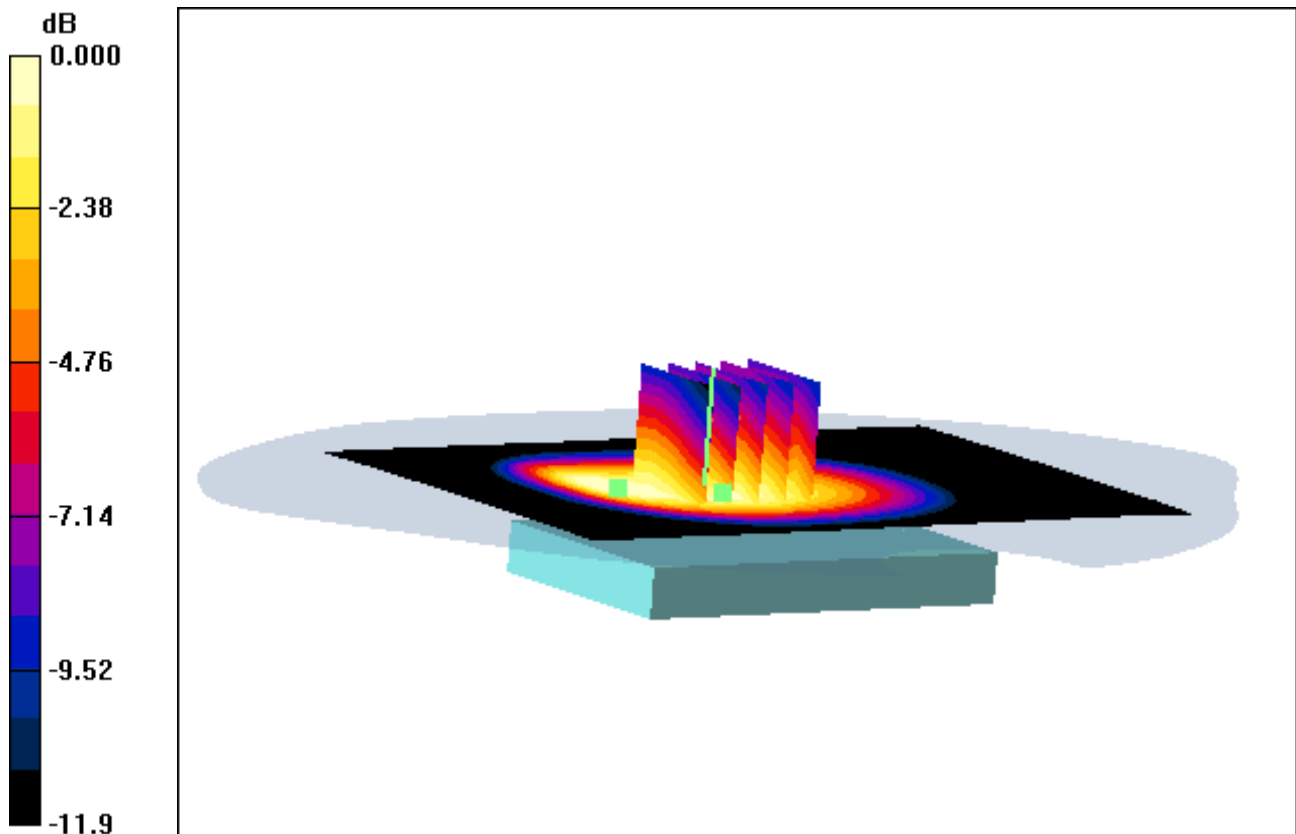
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.559 W/kg



0 dB = 0.957mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

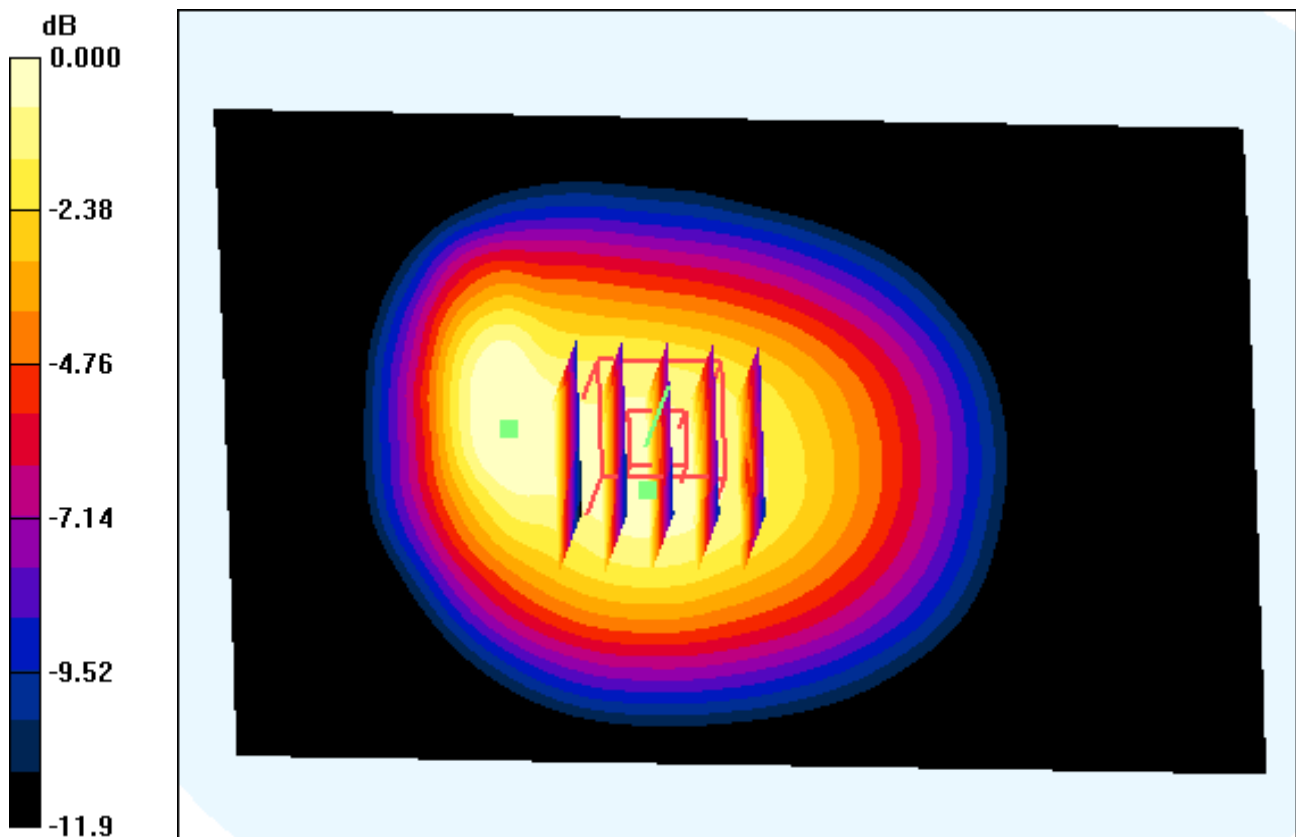
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.559 W/kg



0 dB = 0.957mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

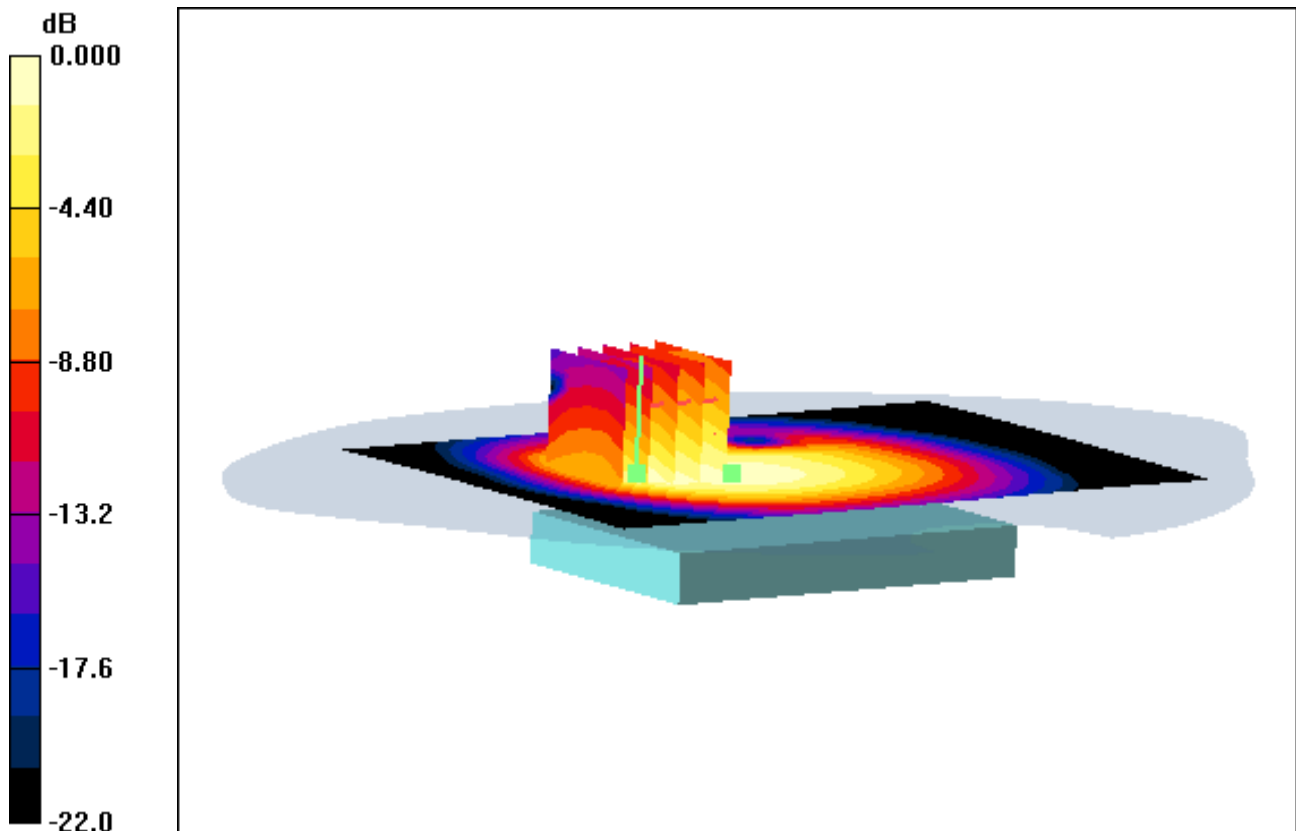
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.477 W/kg



0 dB = 0.985mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

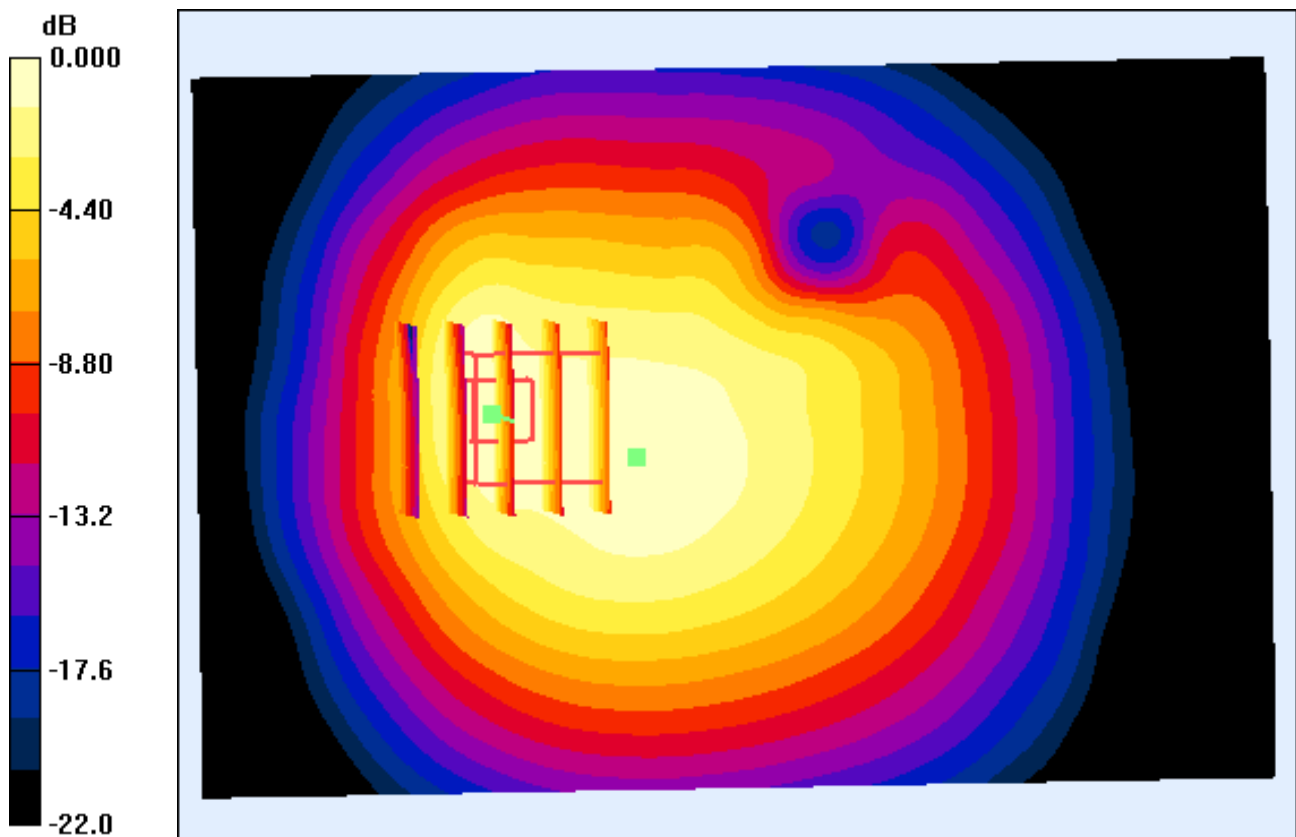
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.477 W/kg



0 dB = 0.985mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

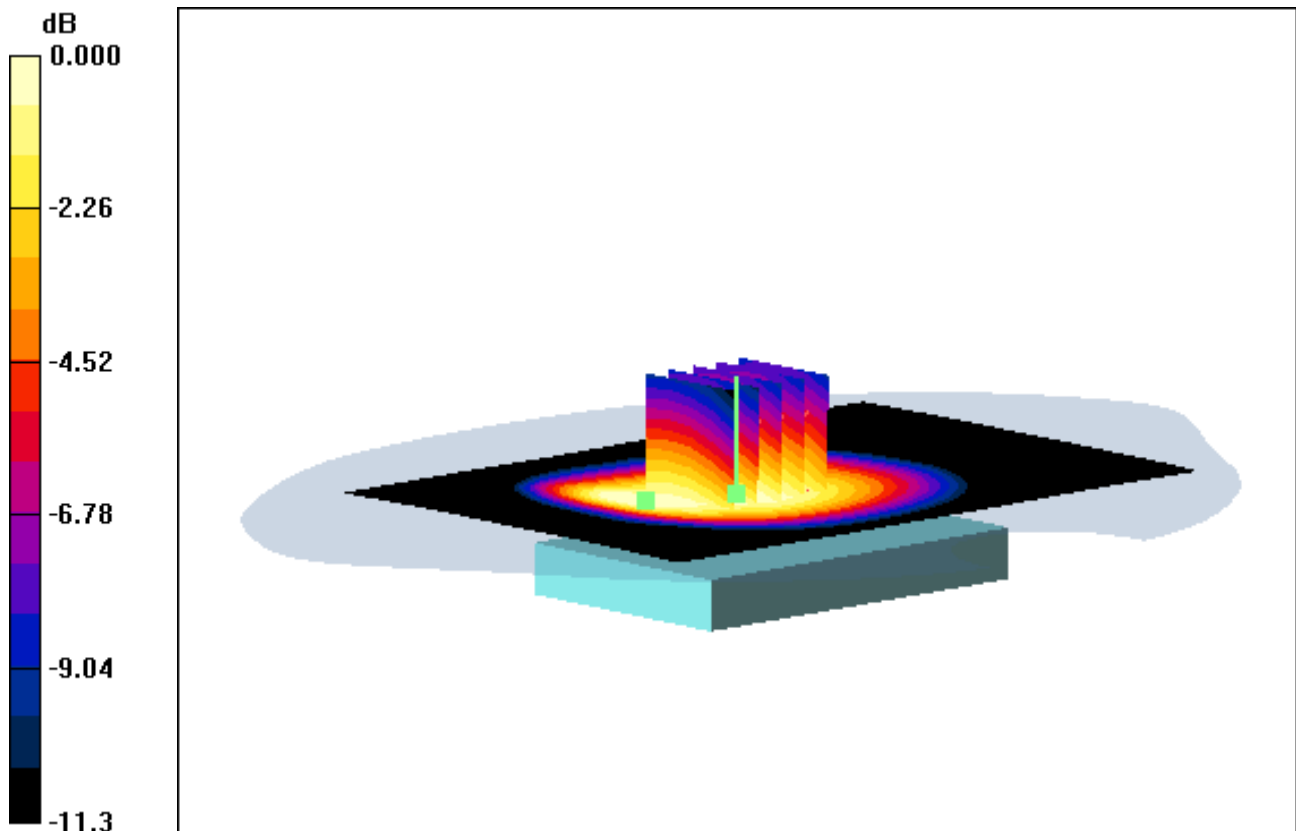
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.528 W/kg



0 dB = 0.905mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

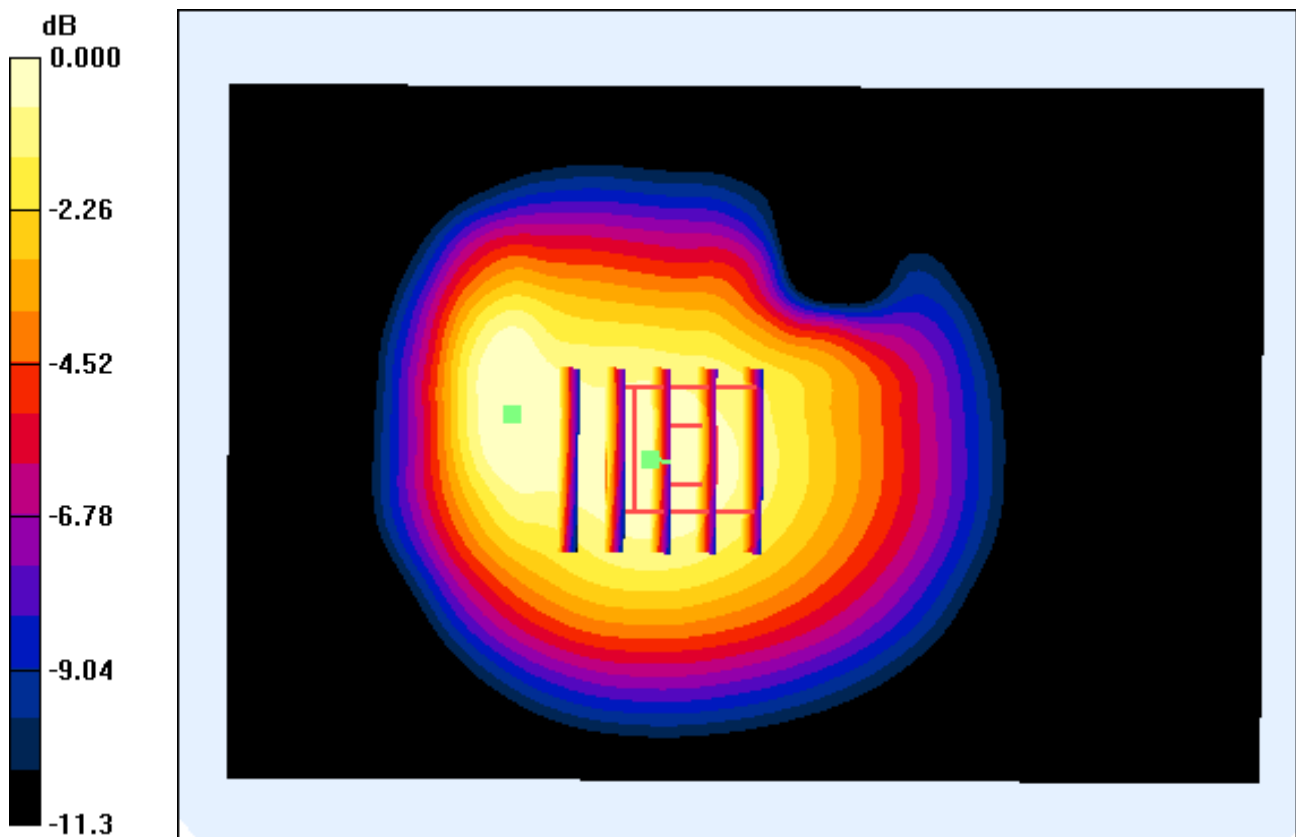
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.528 W/kg



0 dB = 0.905mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

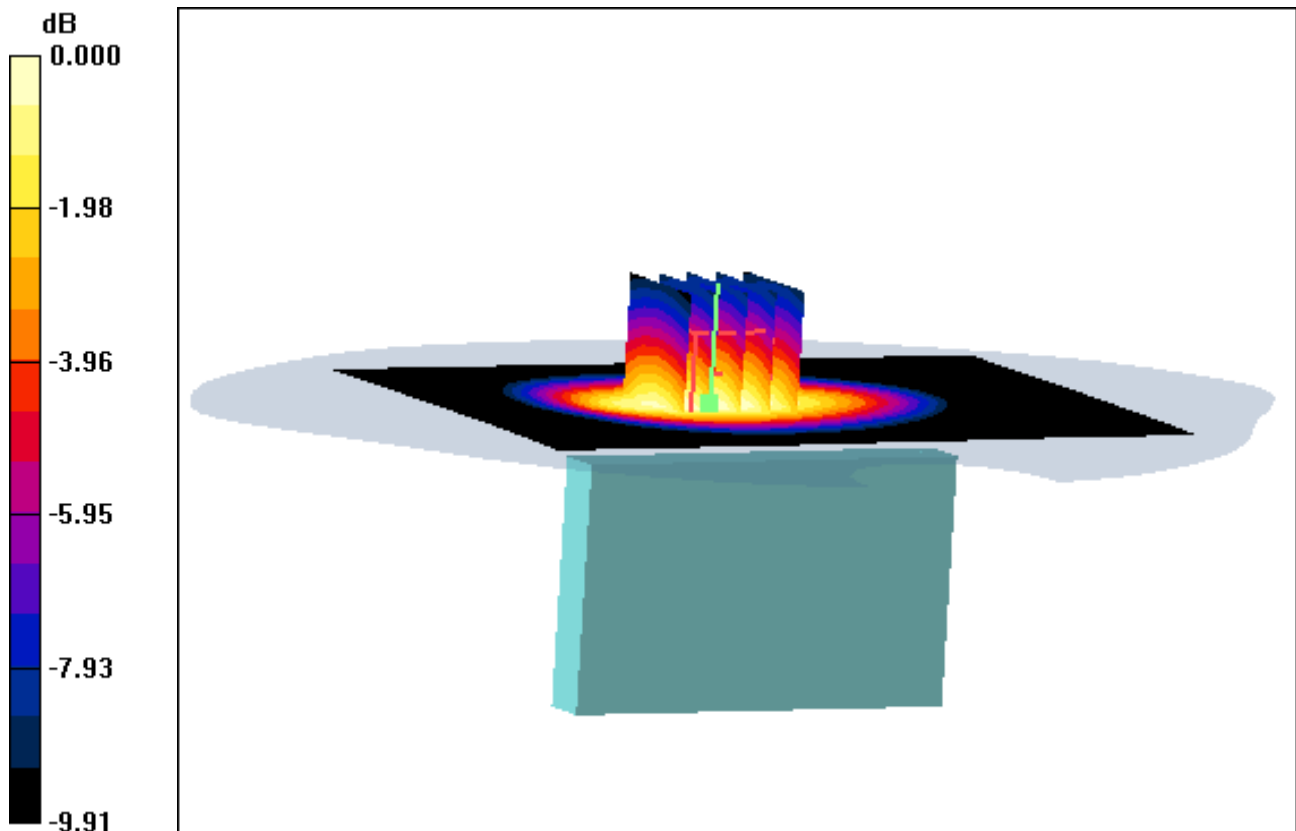
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.297 W/kg



0 dB = 0.523mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

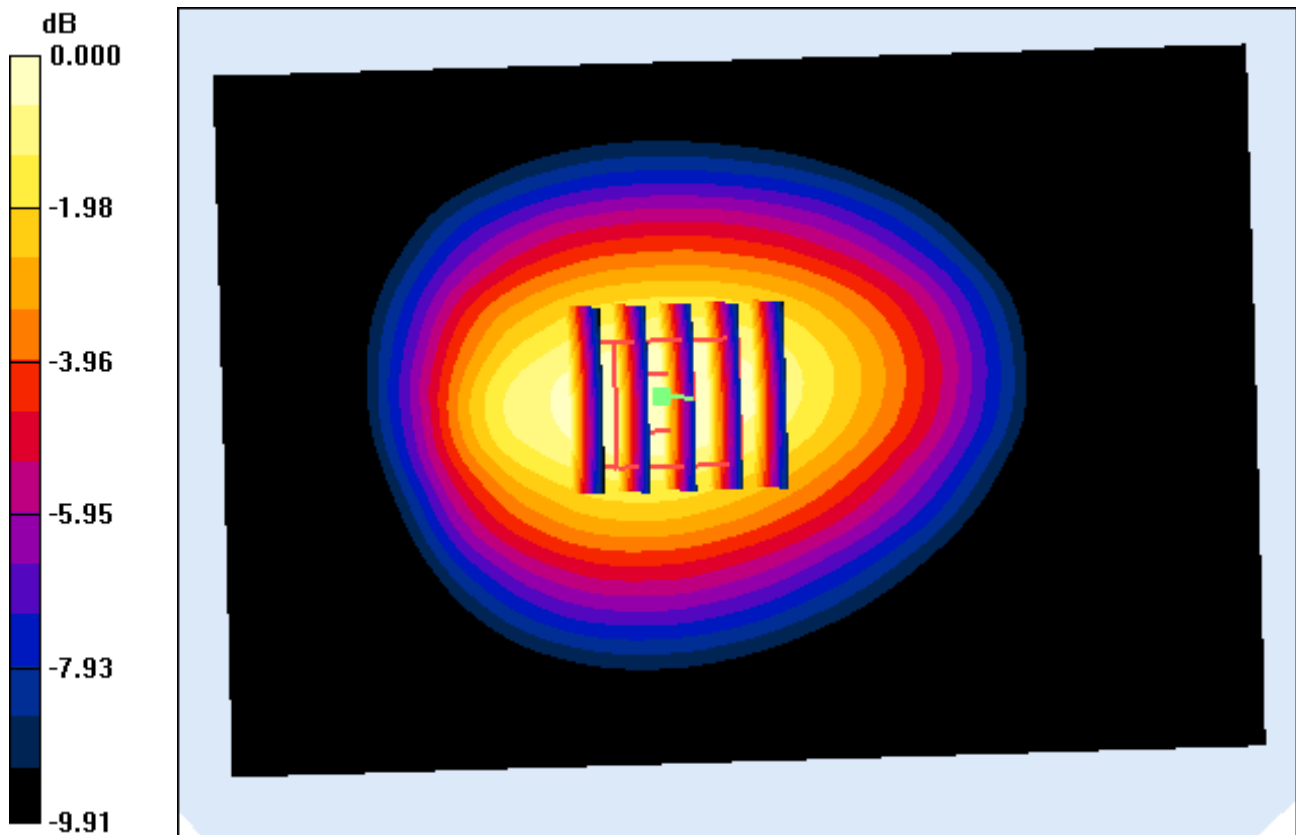
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.297 W/kg



0 dB = 0.523mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

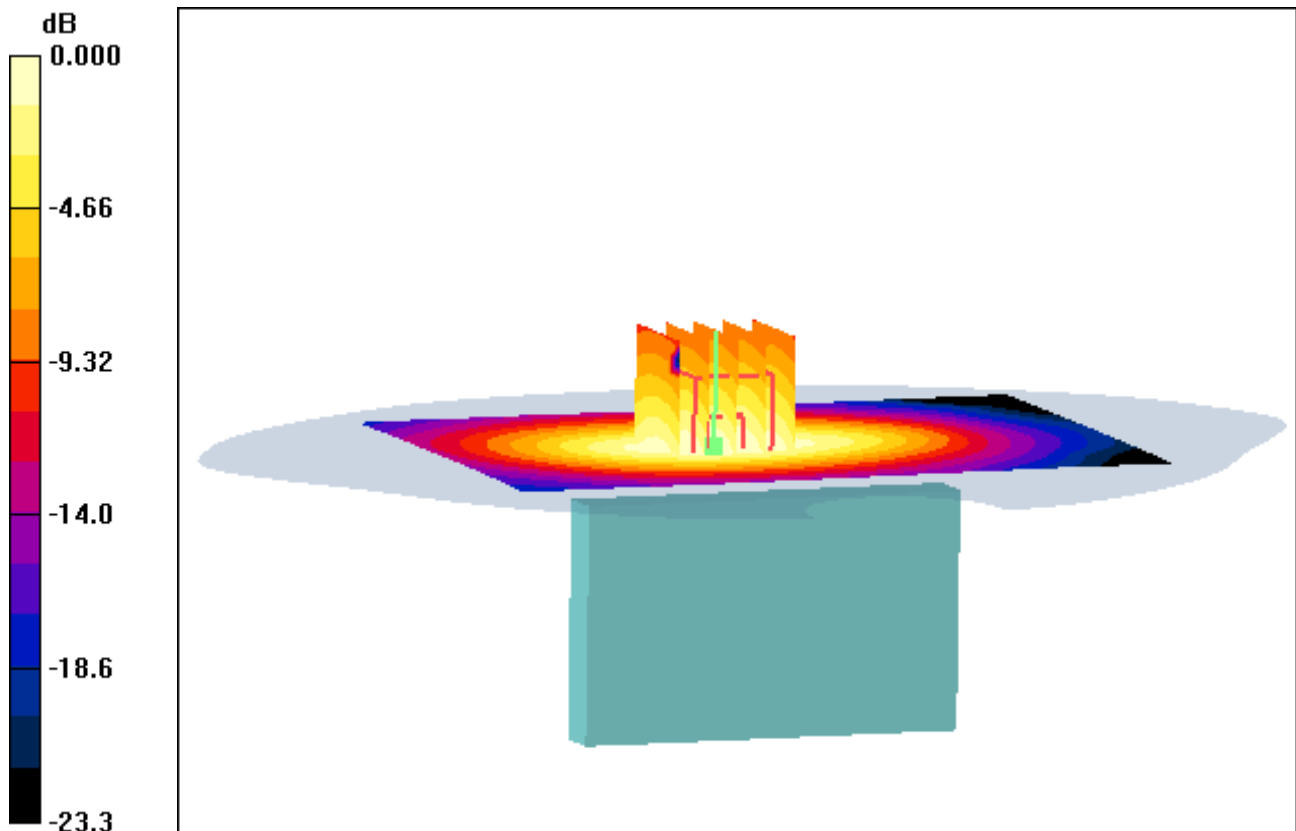
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.107 dB

Peak SAR (extrapolated) = 0.406 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.193 W/kg



0 dB = 0.349mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

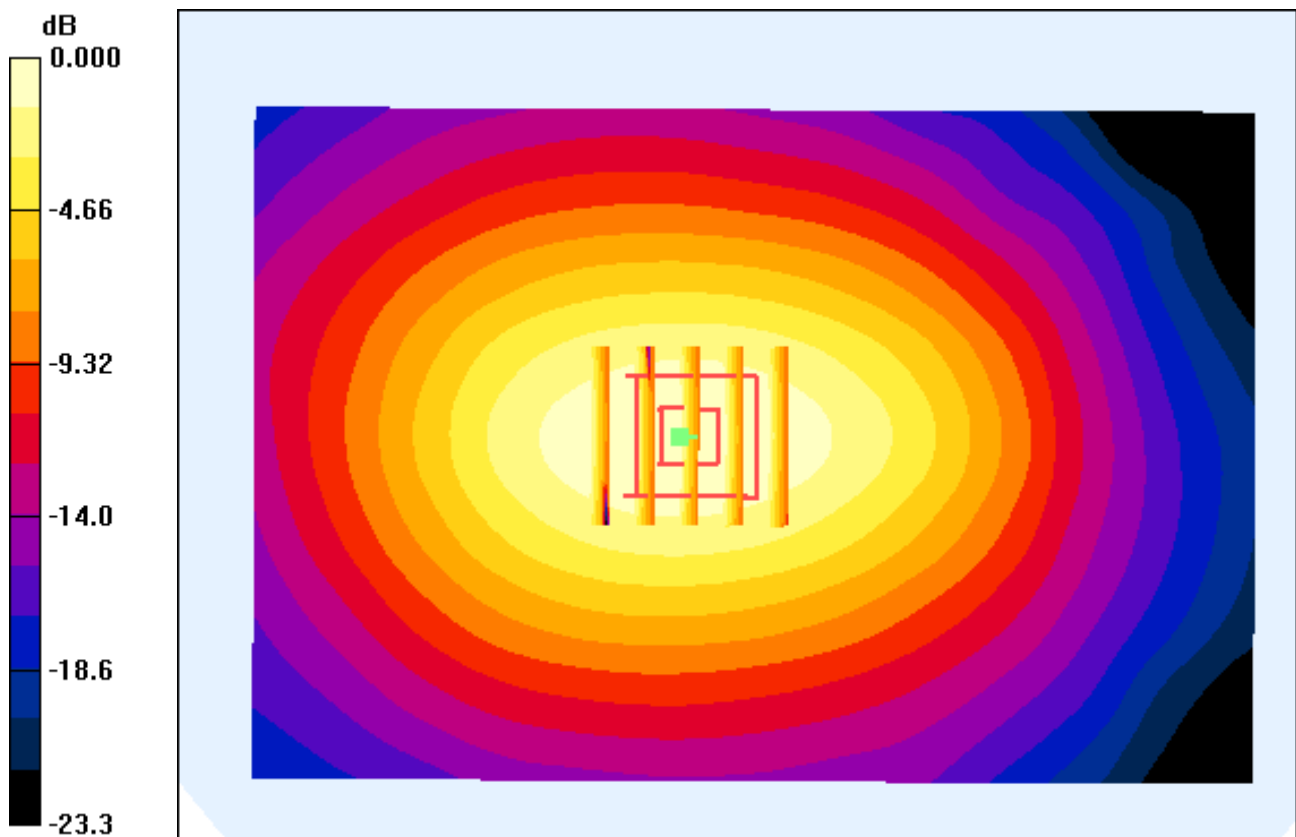
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.107 dB

Peak SAR (extrapolated) = 0.406 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.193 W/kg



0 dB = 0.349mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

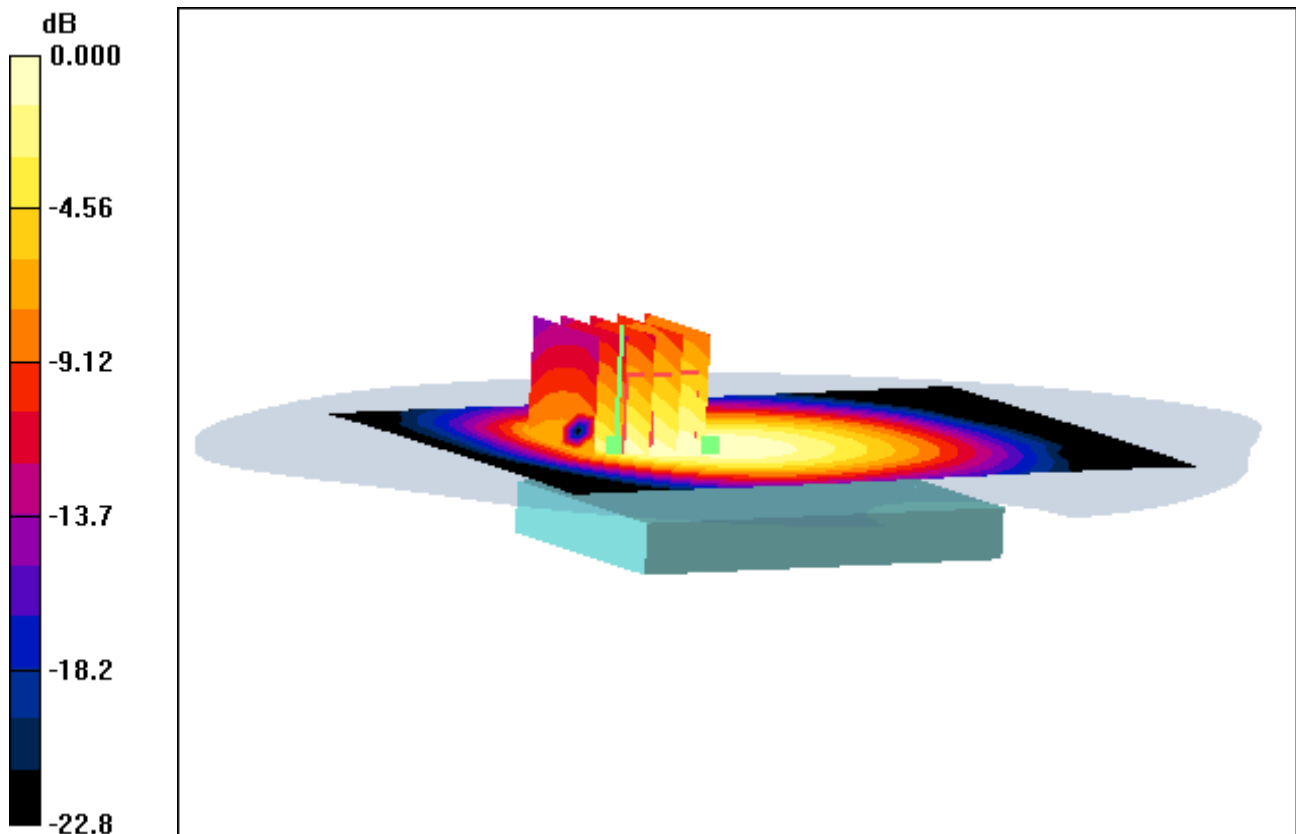
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.485 W/kg



0 dB = 0.966mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 55.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

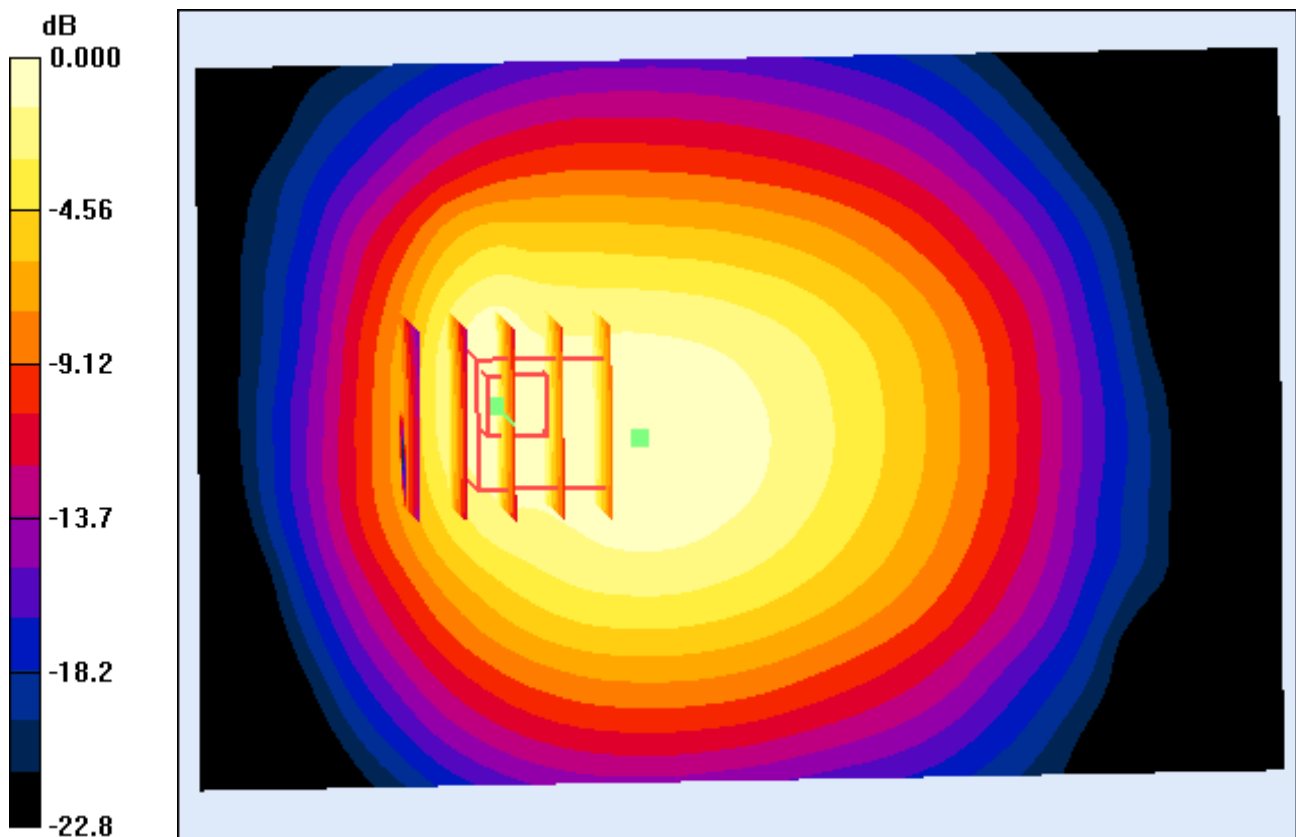
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.485 W/kg



0 dB = 0.966mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

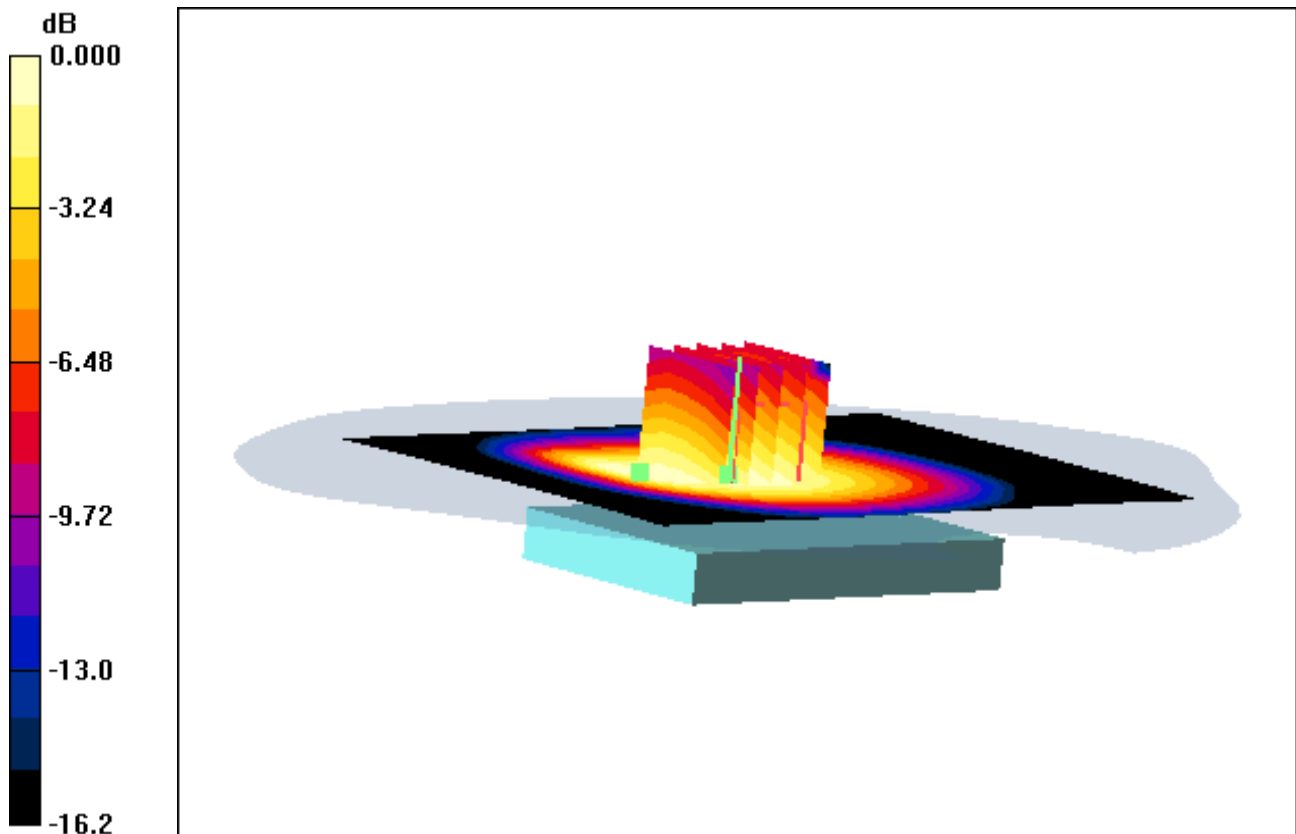
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.556 W/kg



0 dB = 0.952mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

With Enlarge plot image

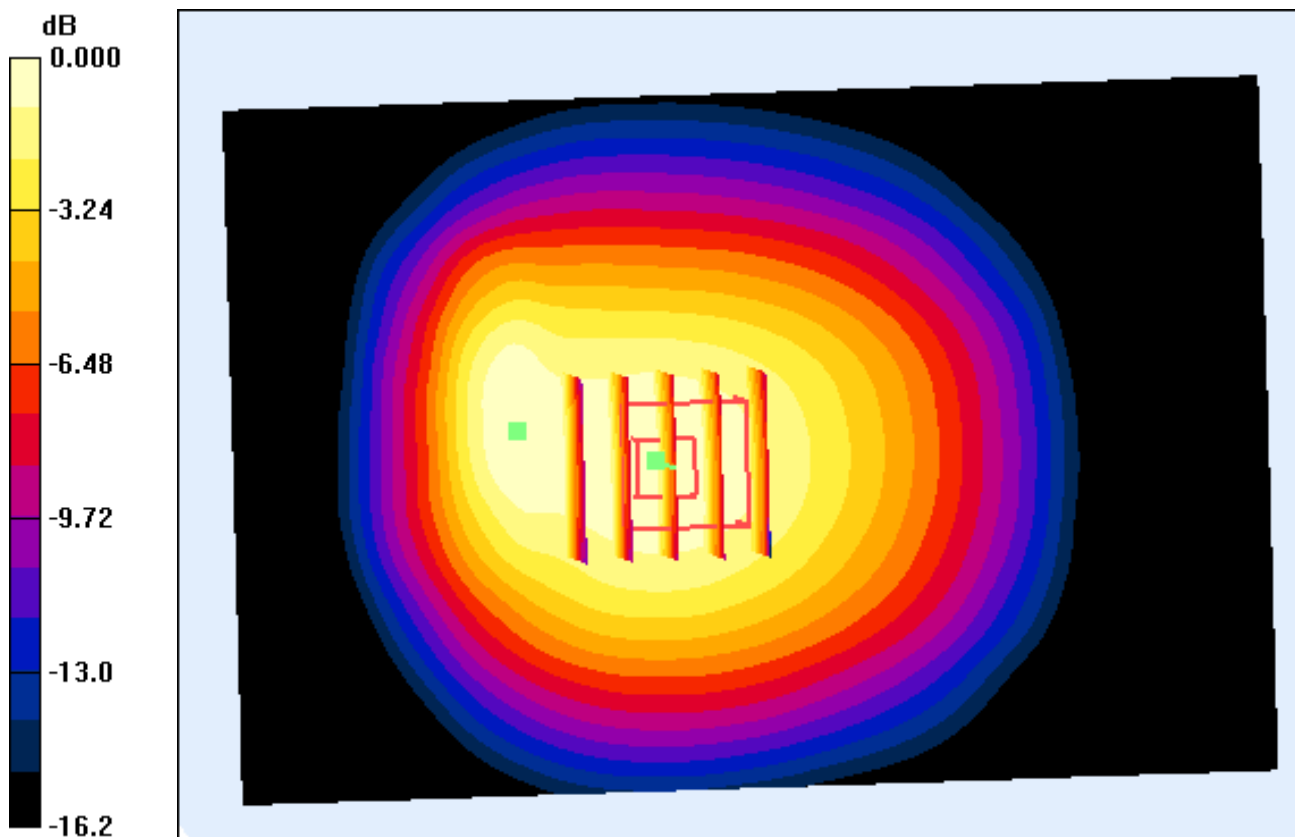
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.556 W/kg



0 dB = 0.952mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-22; Ambient Temp: 21.7; Tissue Temp: 21.9

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

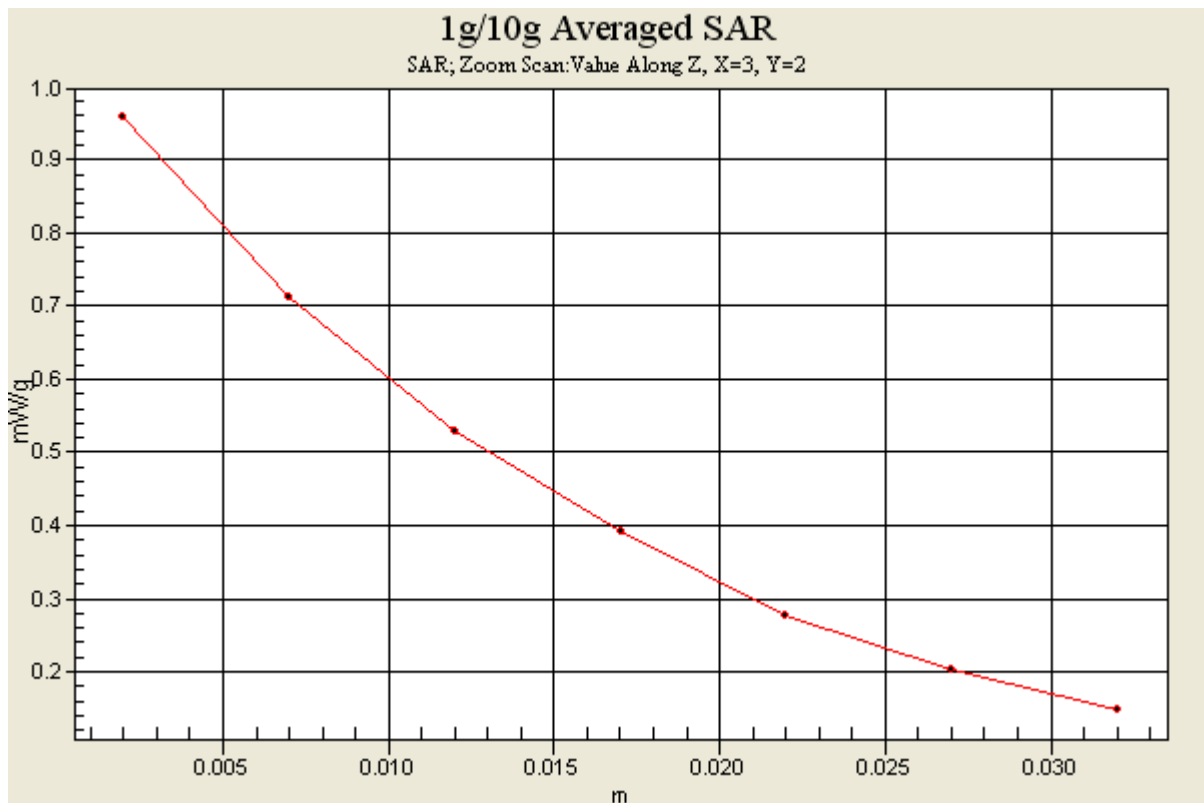
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.559 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

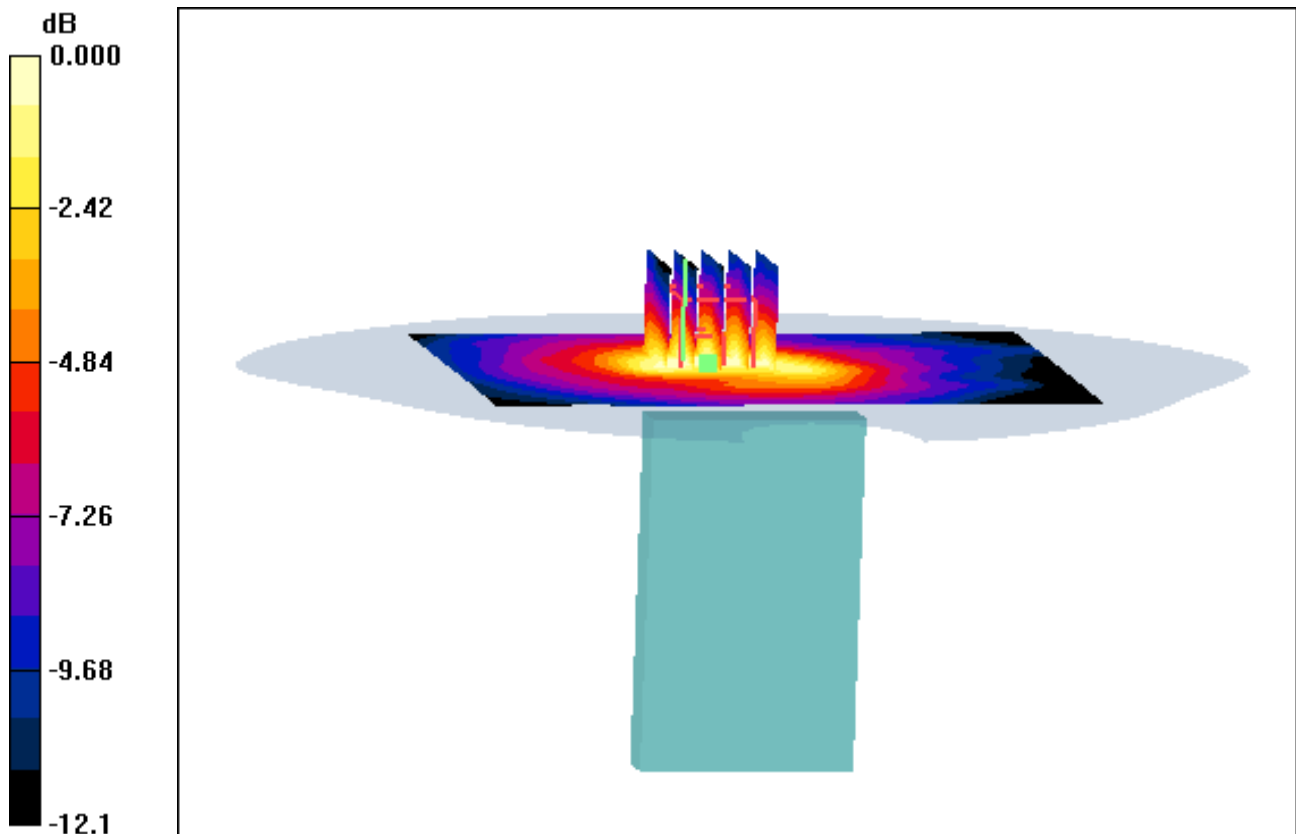
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.051 W/kg



0 dB = 0.106mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

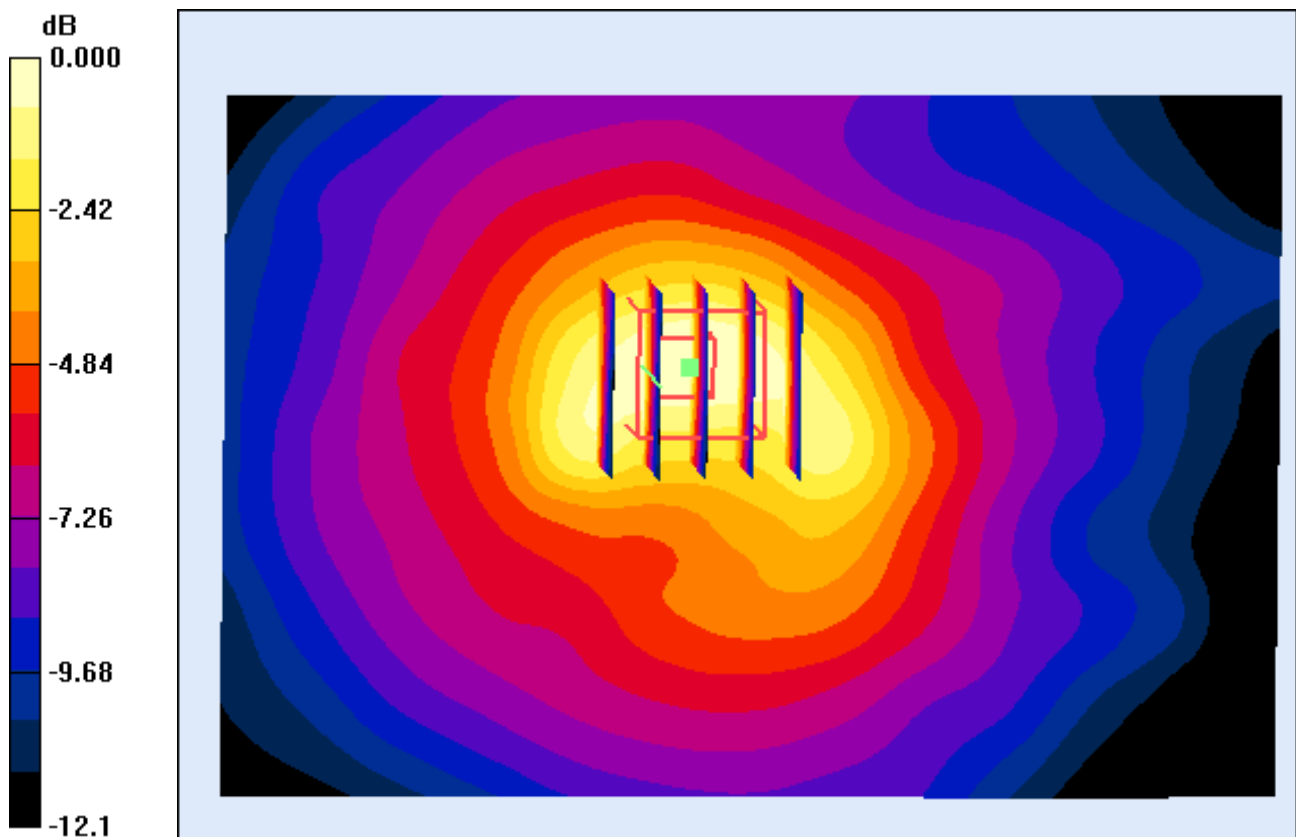
Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp:21.9

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 = 0.095 dB
Peak SAR (extrapolated) = 0.148 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.051 W/kg



0 dB = 0.106mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

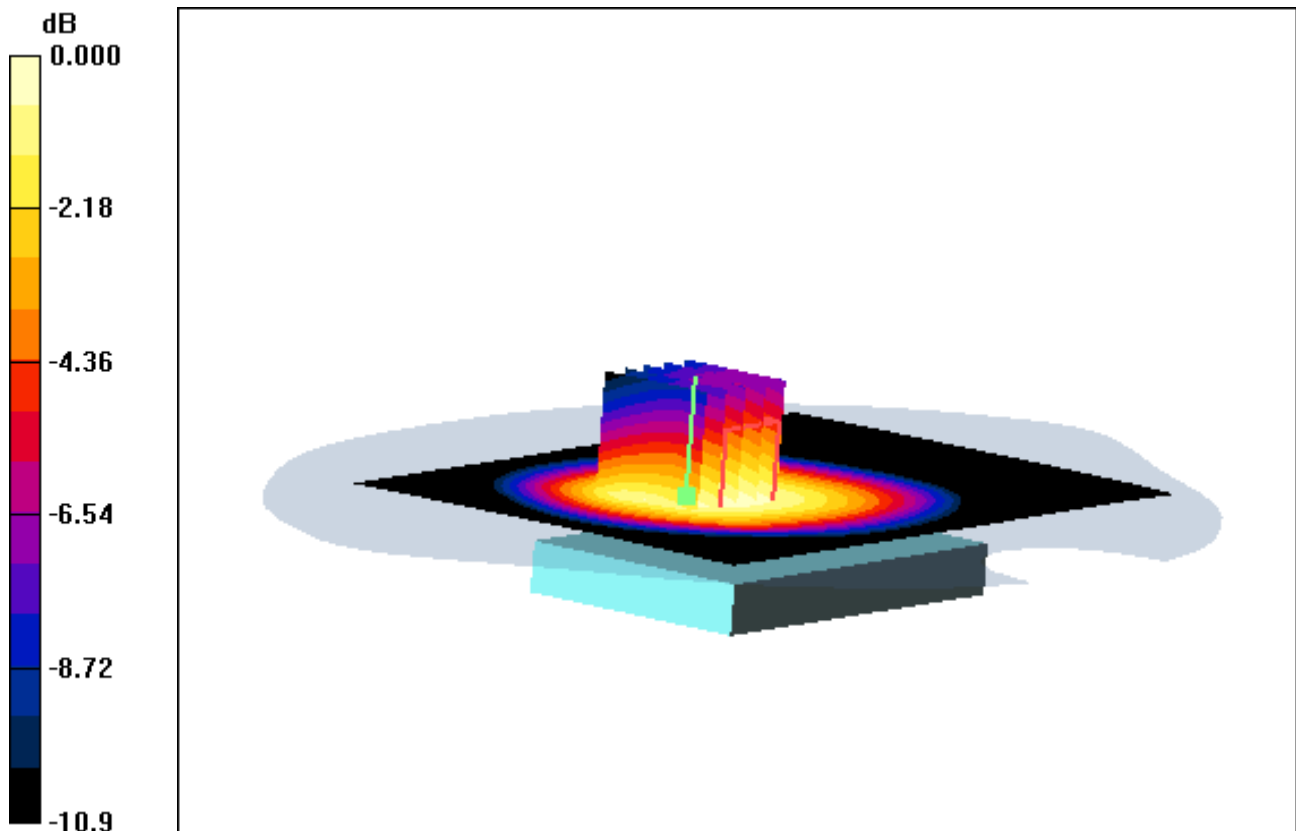
DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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 = -0.071 dB
Peak SAR (extrapolated) = 0.475 W/kg
SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.269 W/kg



0 dB = 0.424mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp:21.9

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

With Enlarge plot image

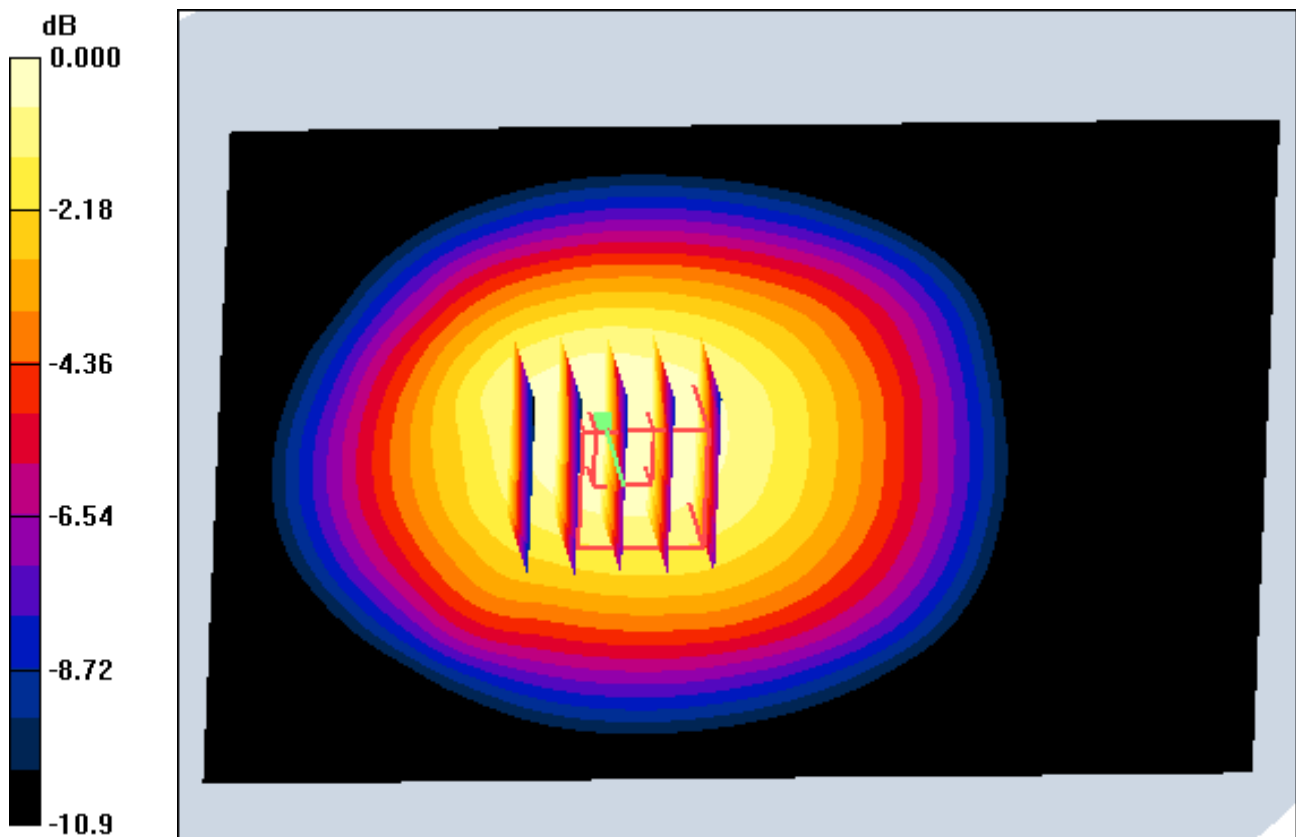
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.269 W/kg



0 dB = 0.424mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

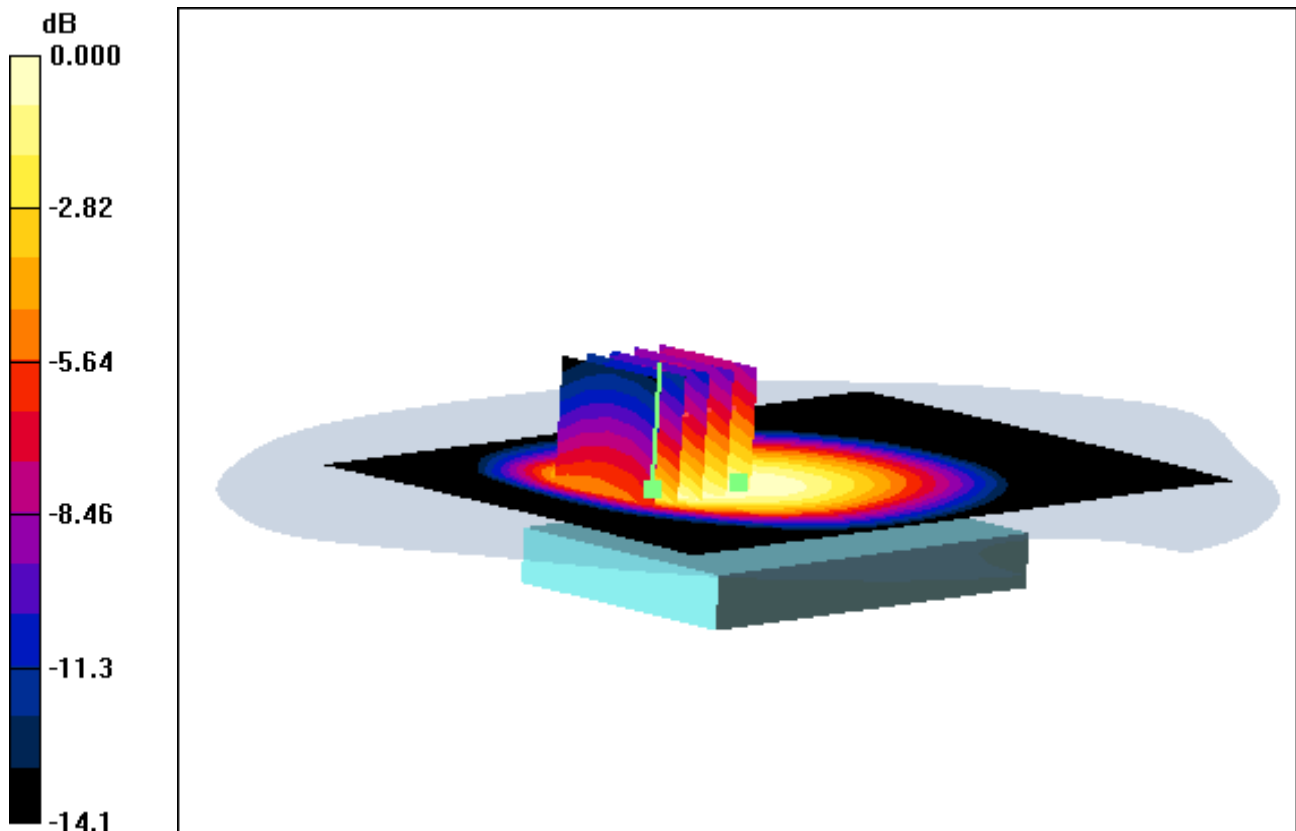
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.458 W/kg



0 dB = 0.863mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

With Enlarge plot image

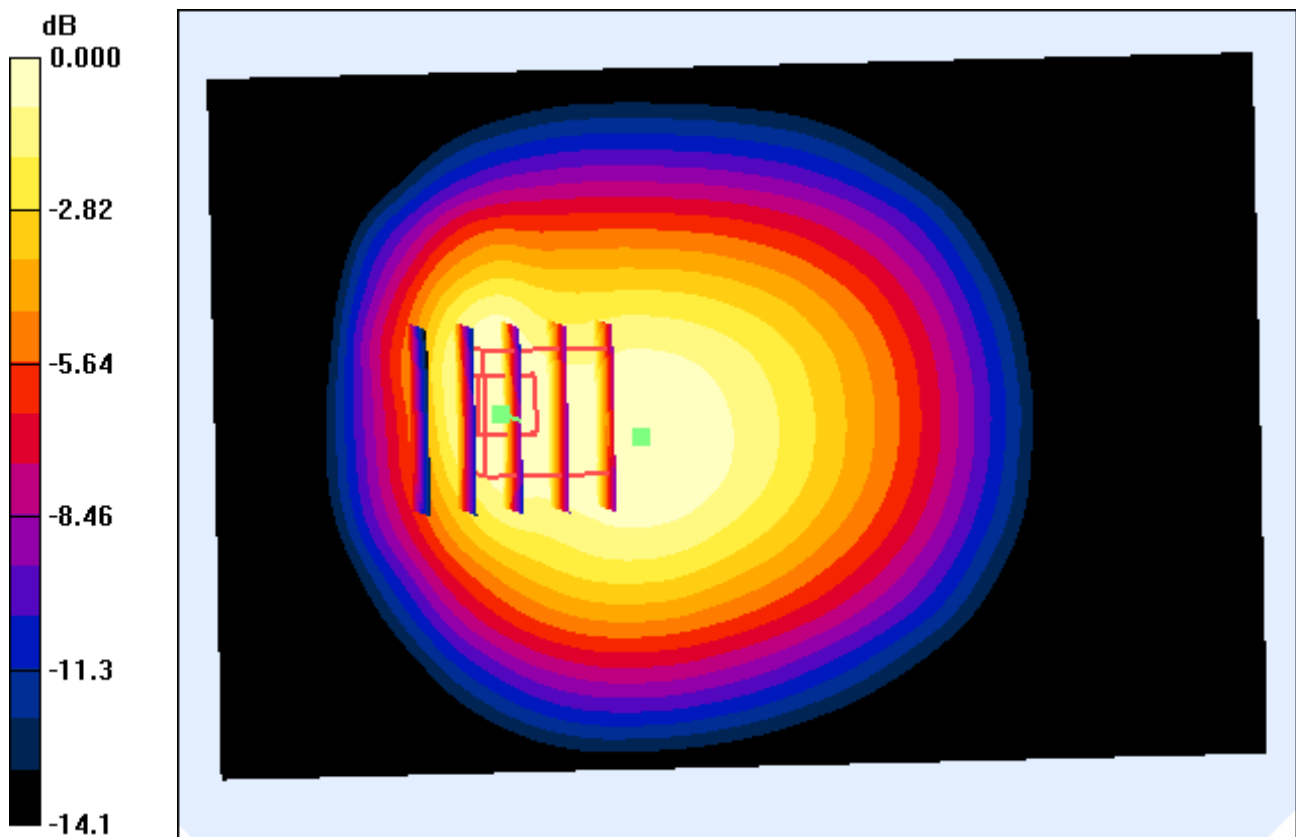
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.458 W/kg



0 dB = 0.863mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

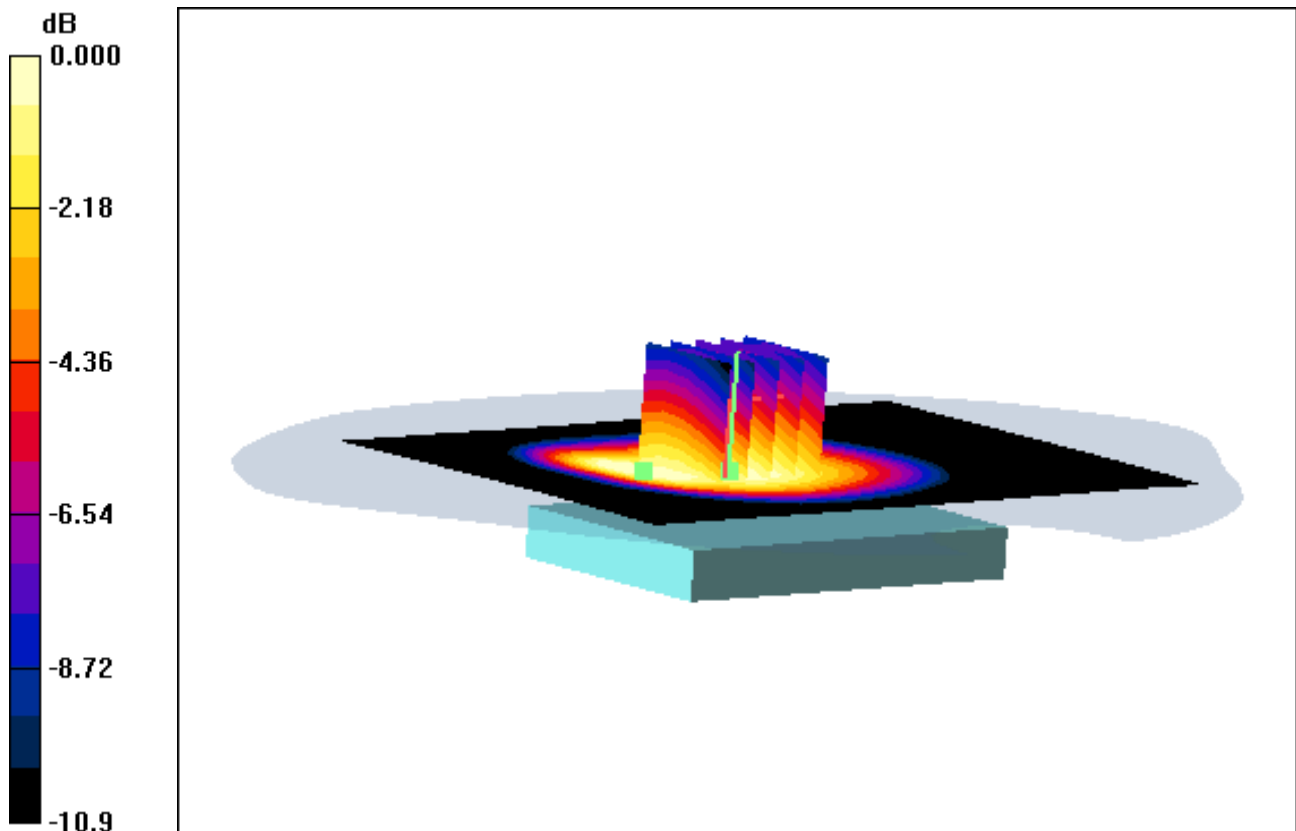
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.521 W/kg



0 dB = 0.879mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

With Enlarge plot image

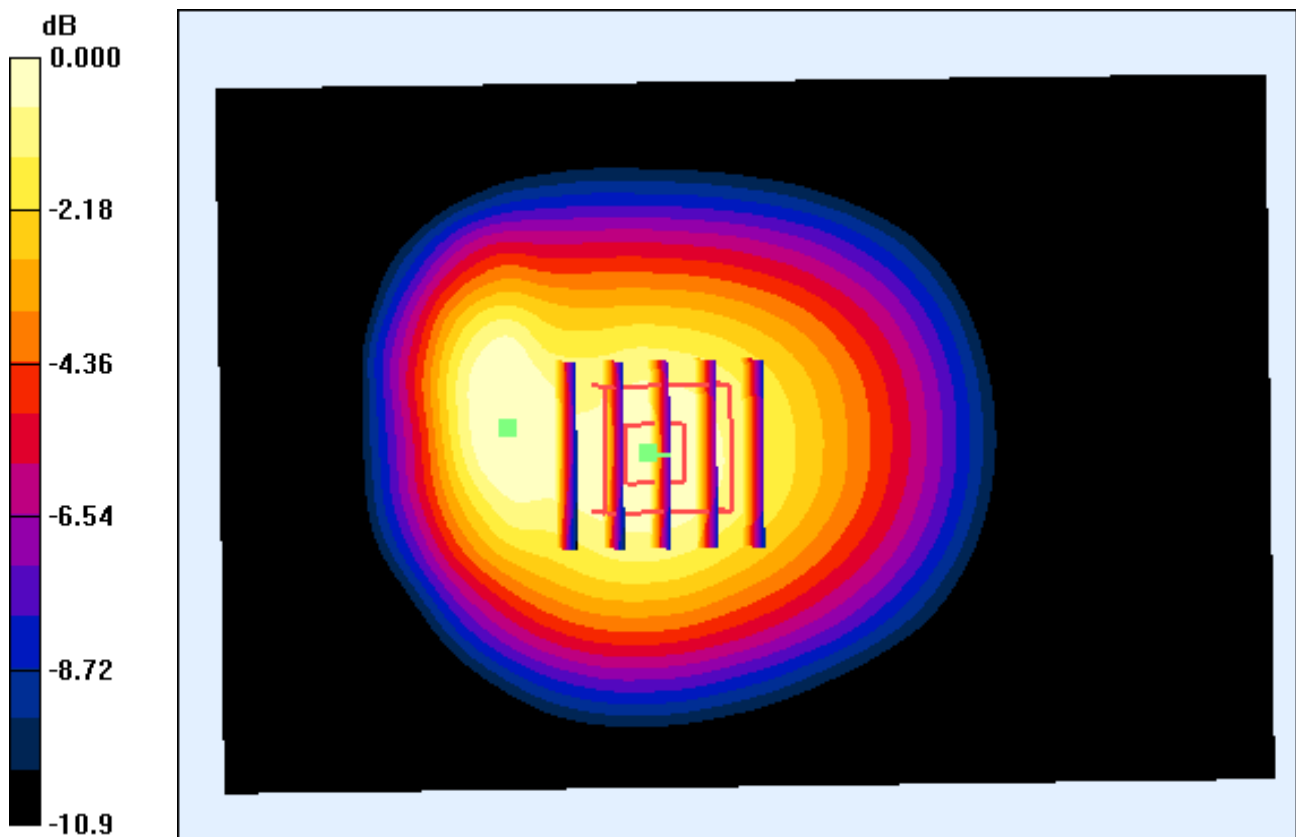
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.521 W/kg



0 dB = 0.879mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

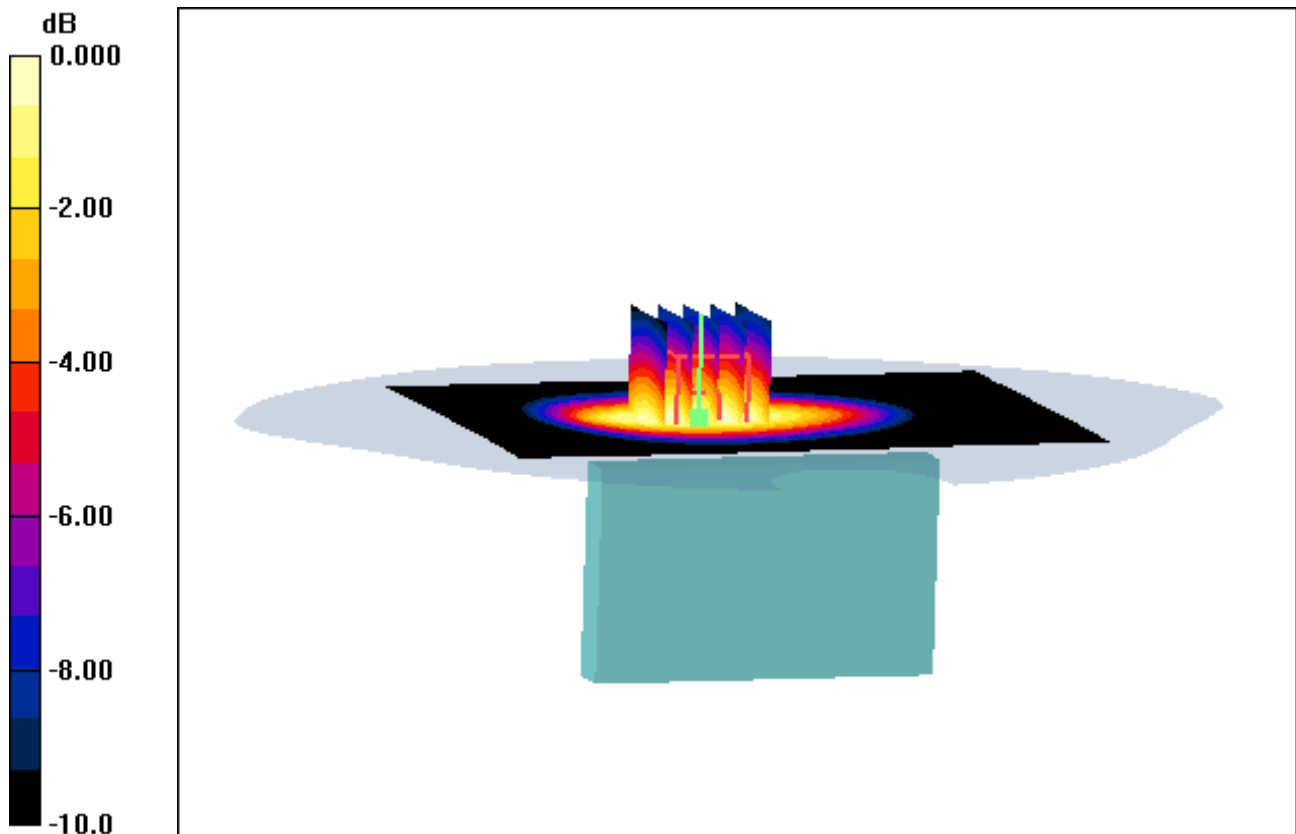
DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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 = -0.088 dB
Peak SAR (extrapolated) = 0.503 W/kg
SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.246 W/kg



0 dB = 0.435mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

With Enlarge plot image

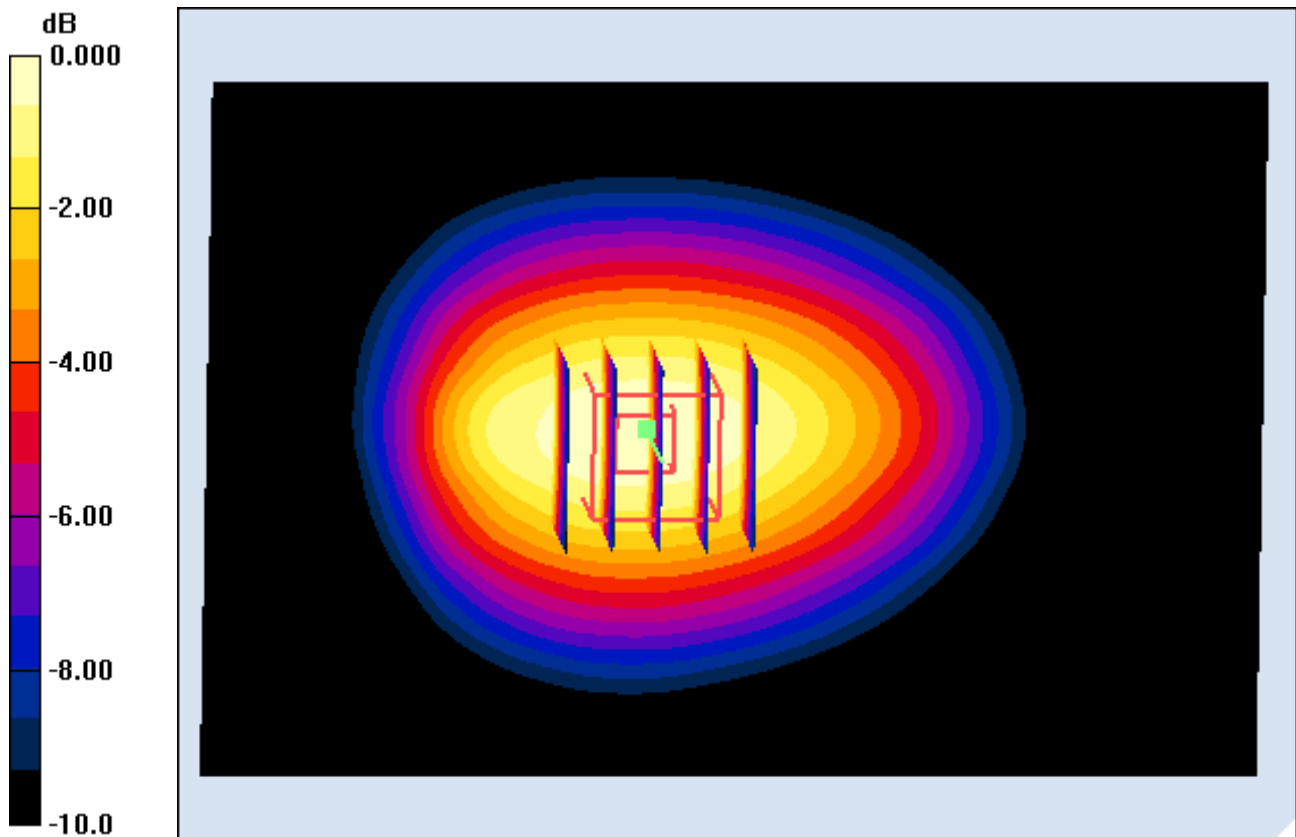
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.246 W/kg



0 dB = 0.435mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

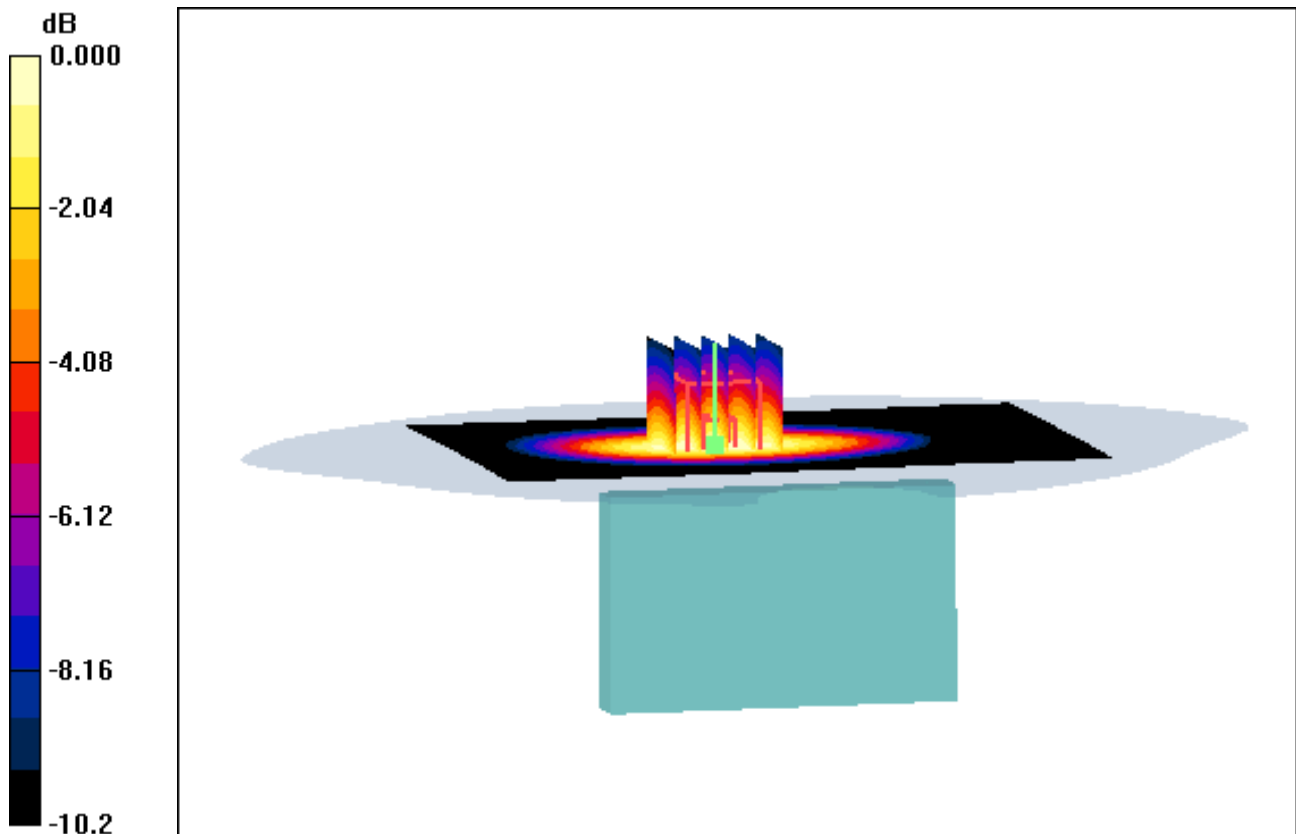
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.150 W/kg



0 dB = 0.271mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

With Enlarge plot image

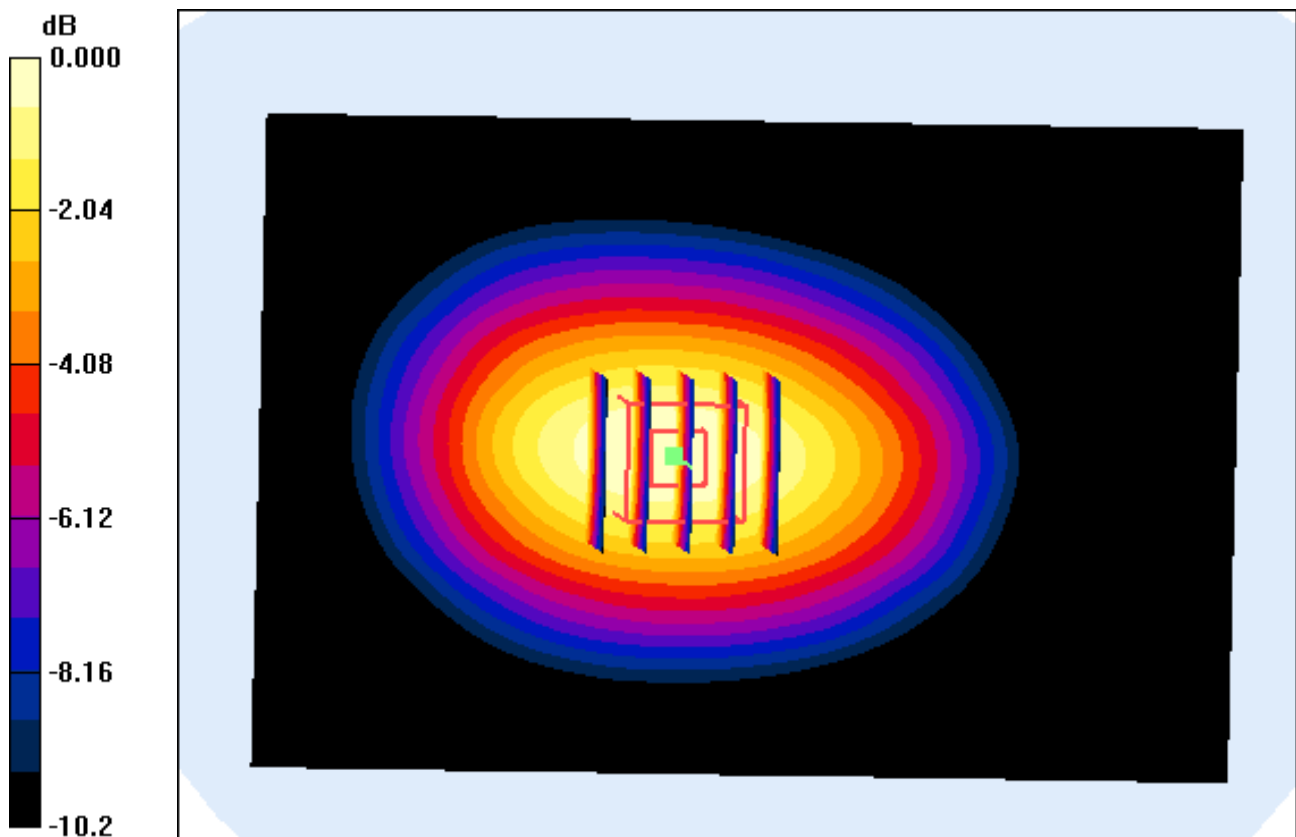
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.150 W/kg



0 dB = 0.271mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

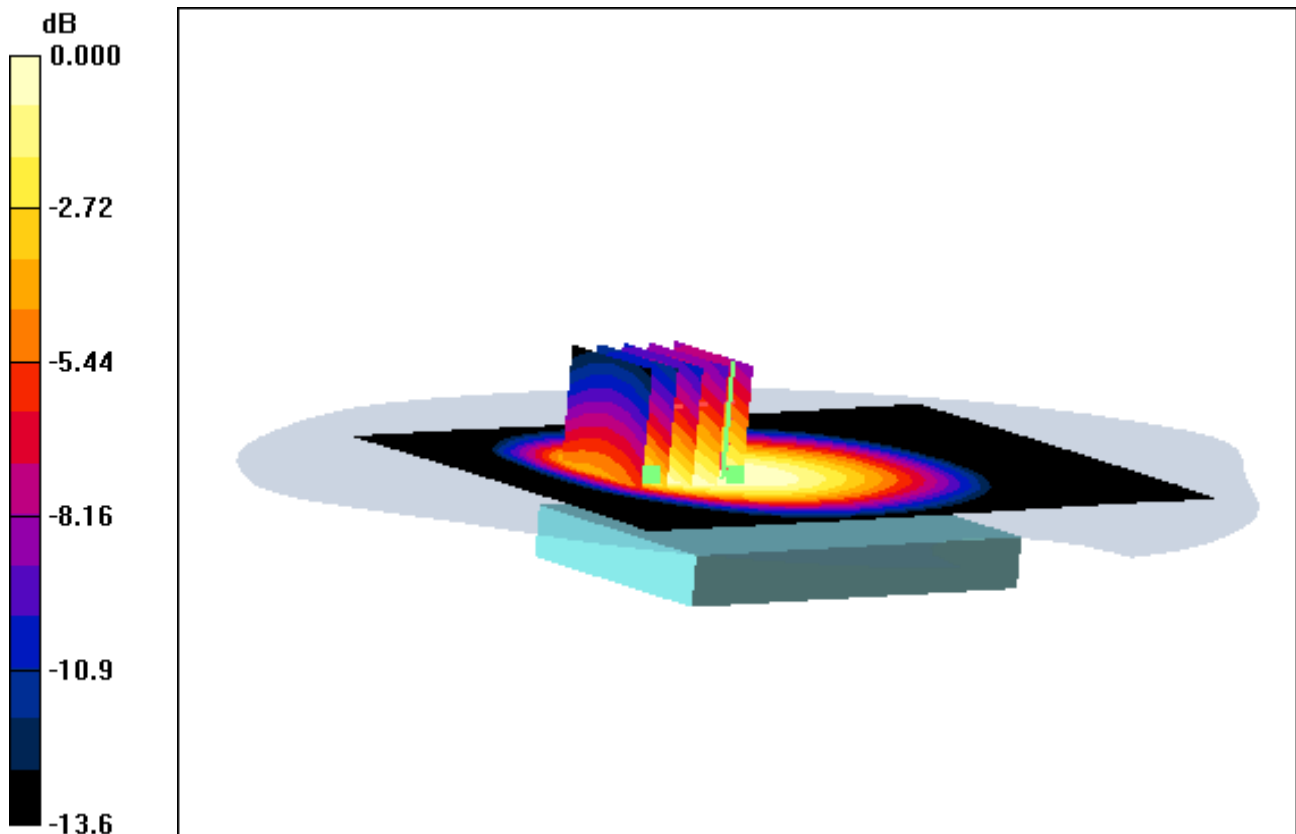
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.970 W/kg

SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.434 W/kg



0 dB = 0.796mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

With Enlarge plot image

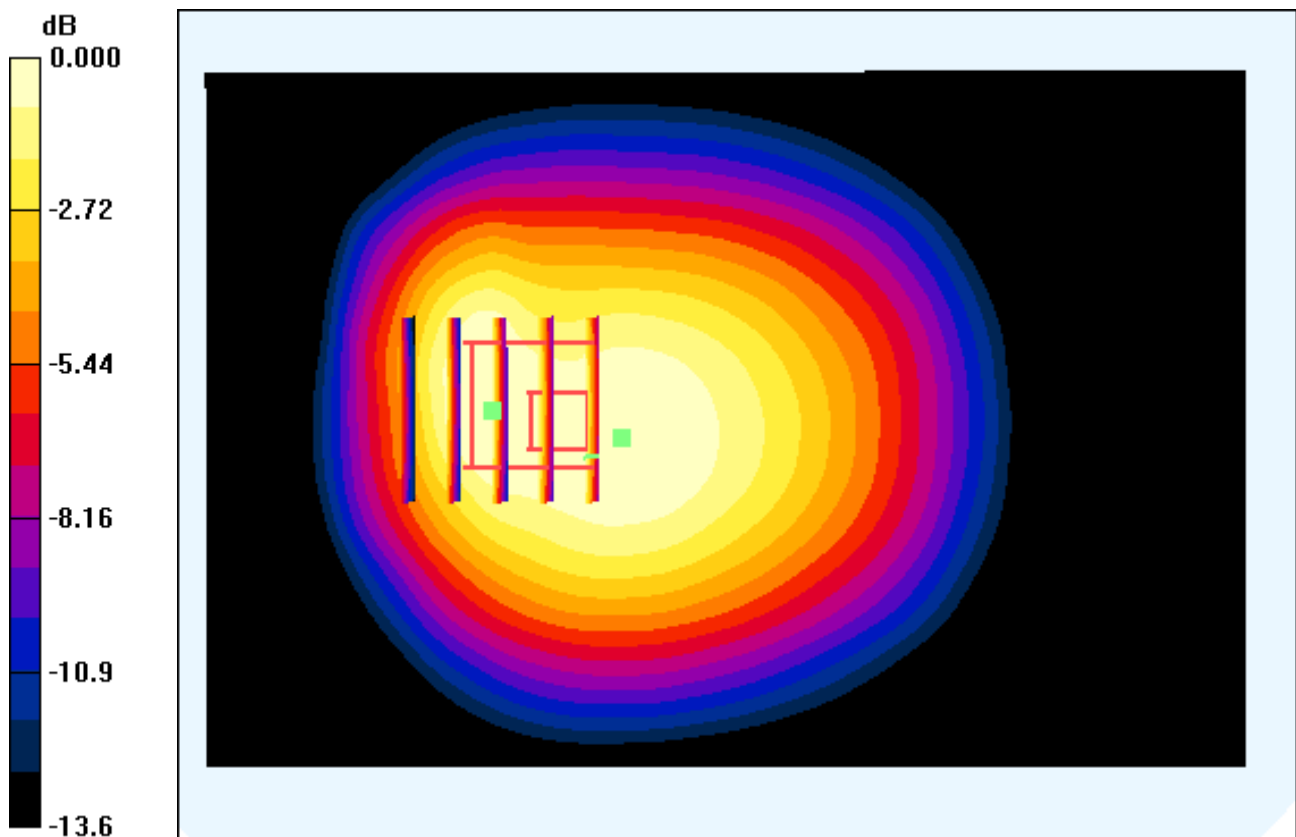
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.970 W/kg

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0 dB = 0.796mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

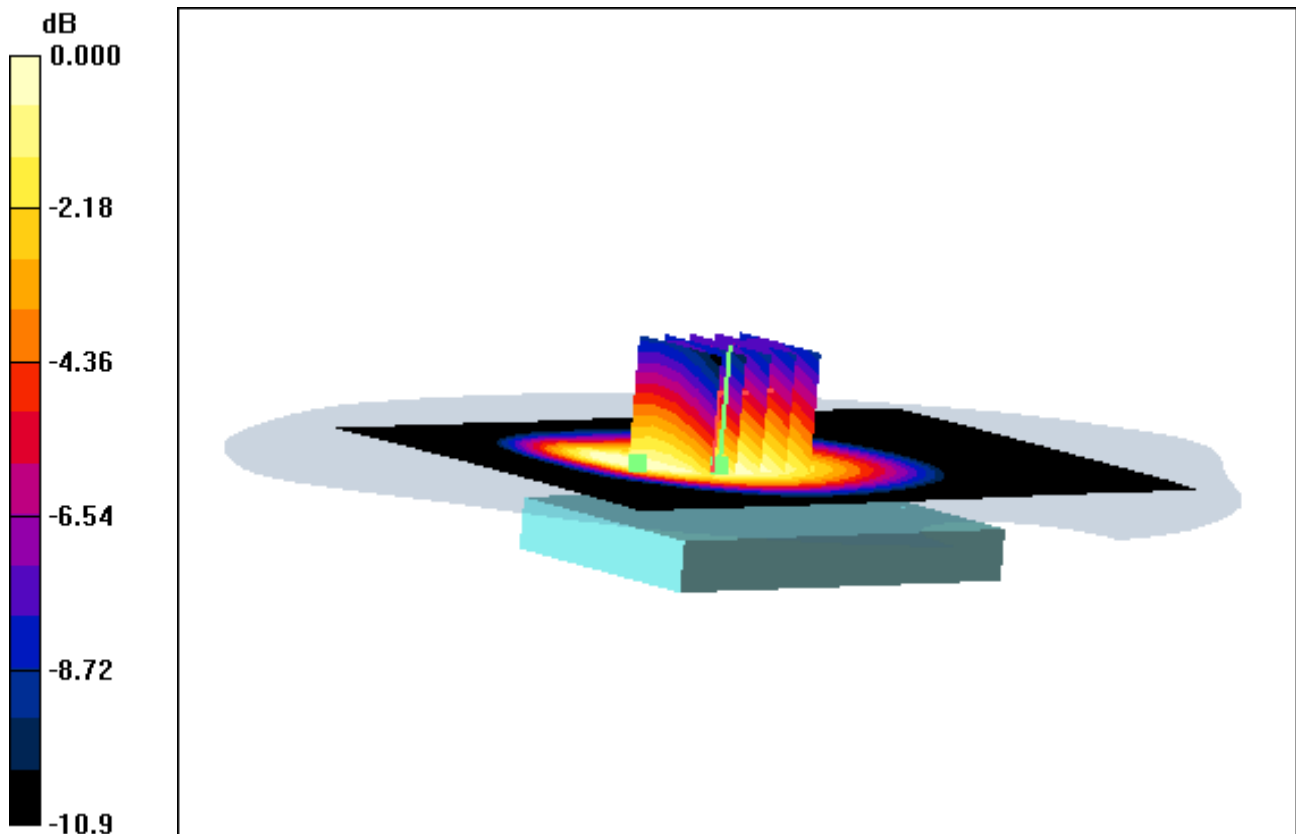
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.932 W/kg

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.488 W/kg



0 dB = 0.823mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

With Enlarge plot image

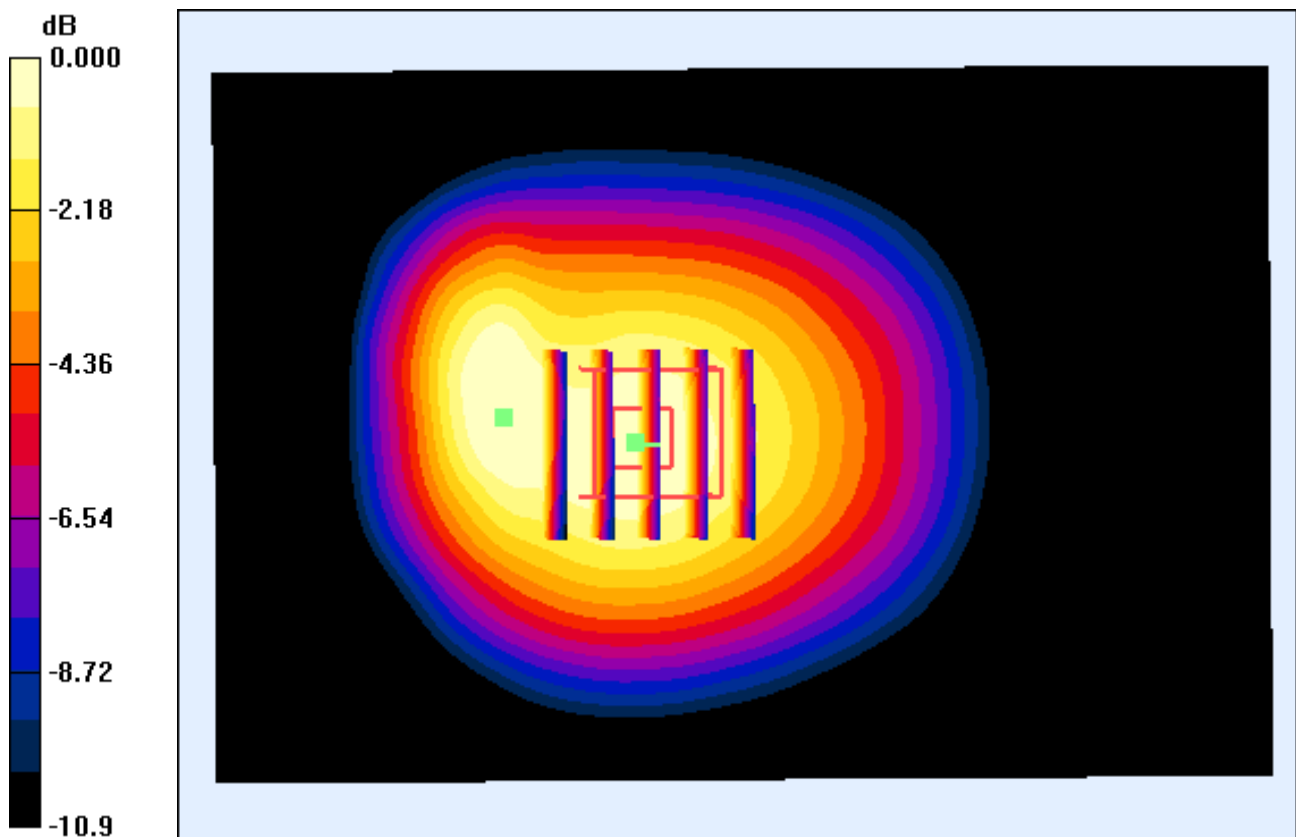
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.932 W/kg

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.488 W/kg



0 dB = 0.823mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-29; Ambient Temp: 21.6; Tissue Temp: 21.9

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

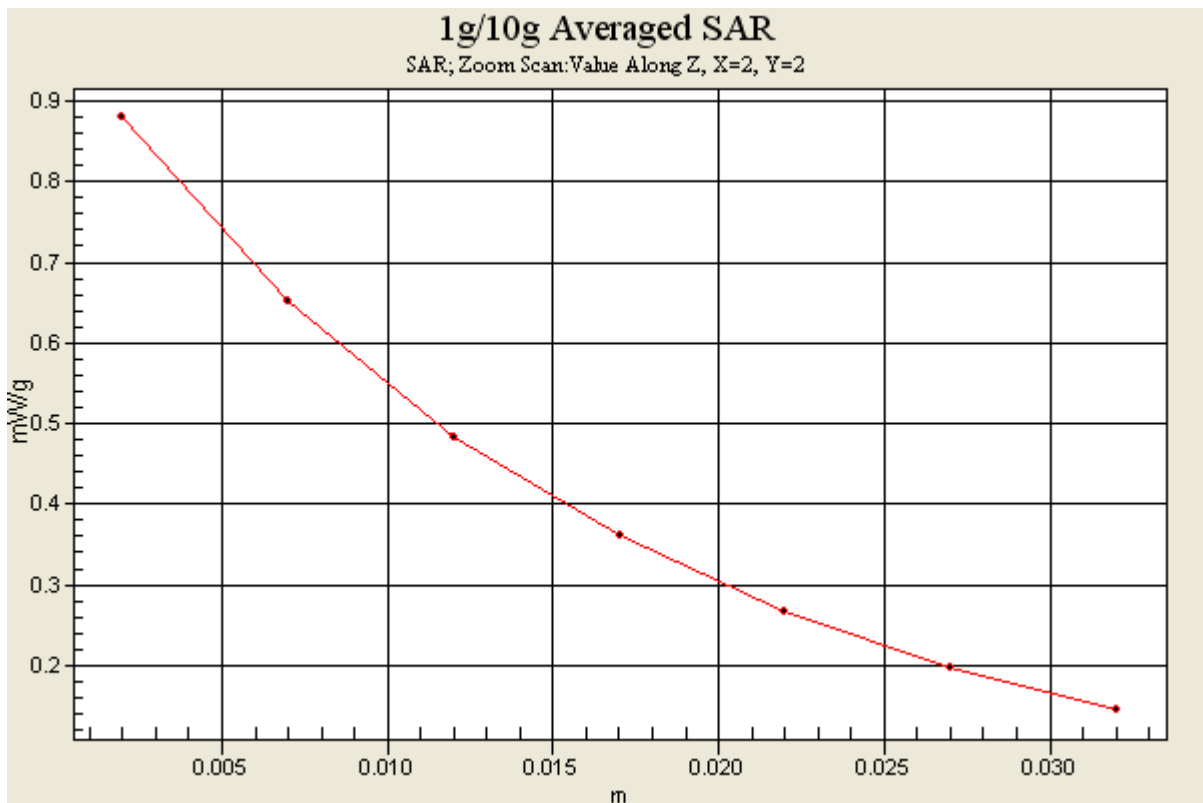
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.521 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

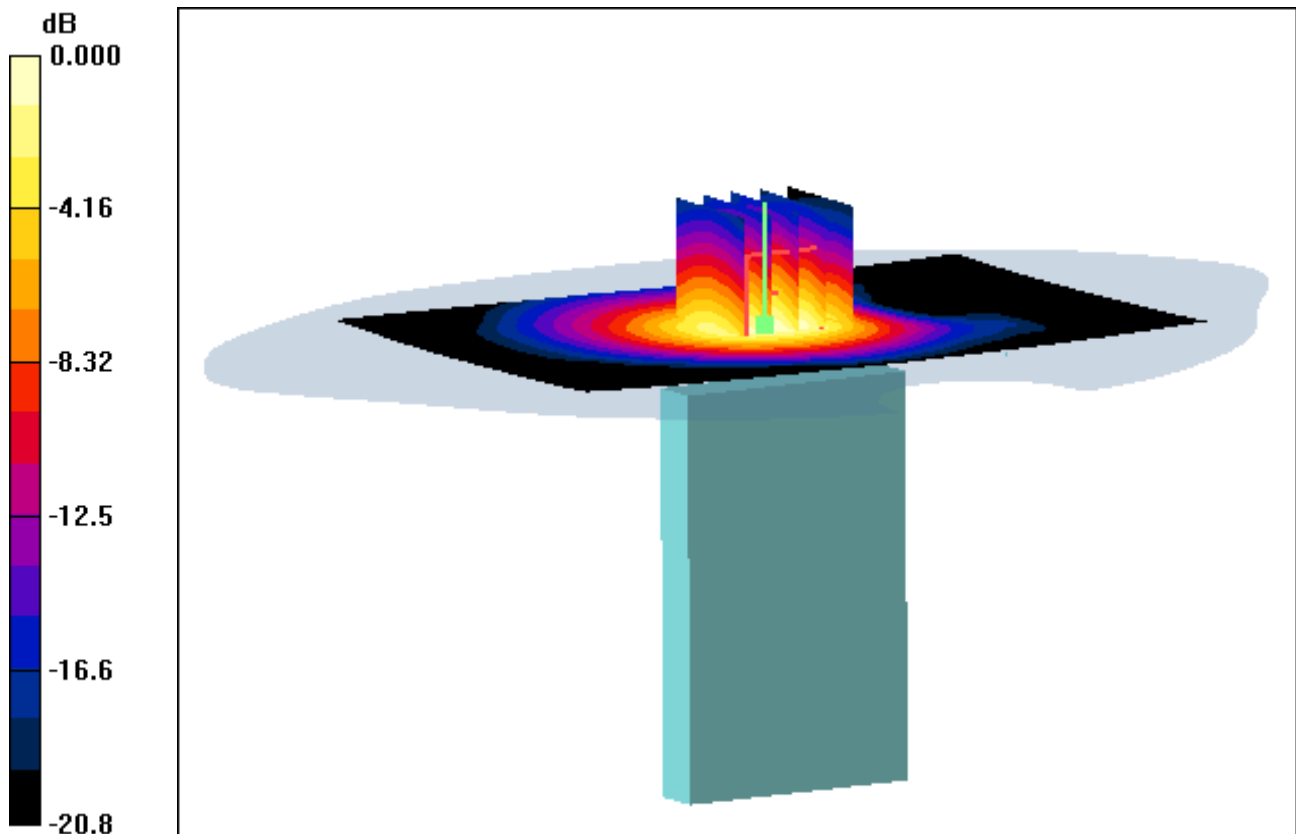
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.276 W/kg



0 dB = 0.742mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

With Enlarge plot image

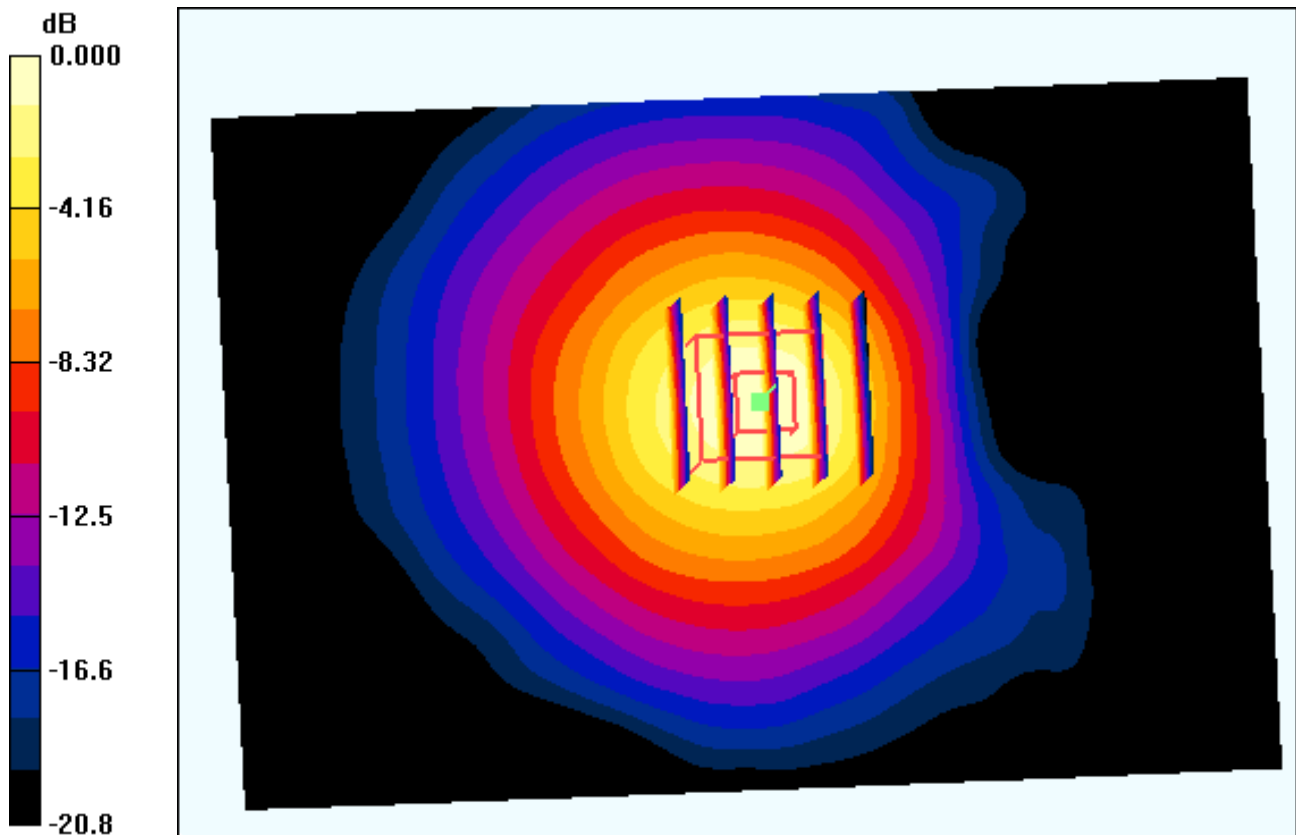
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.276 W/kg



0 dB = 0.742mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

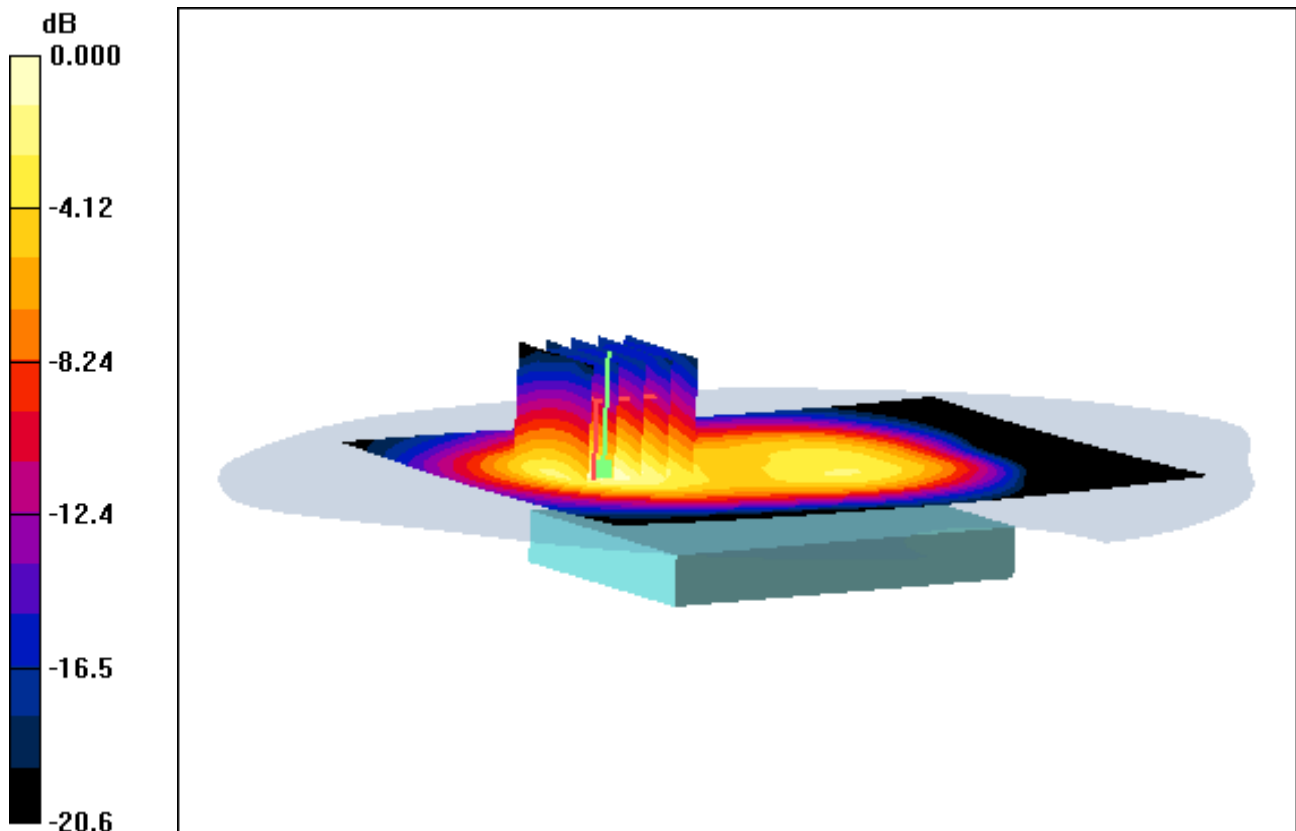
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.217 W/kg



0 dB = 0.565mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

With Enlarge plot image

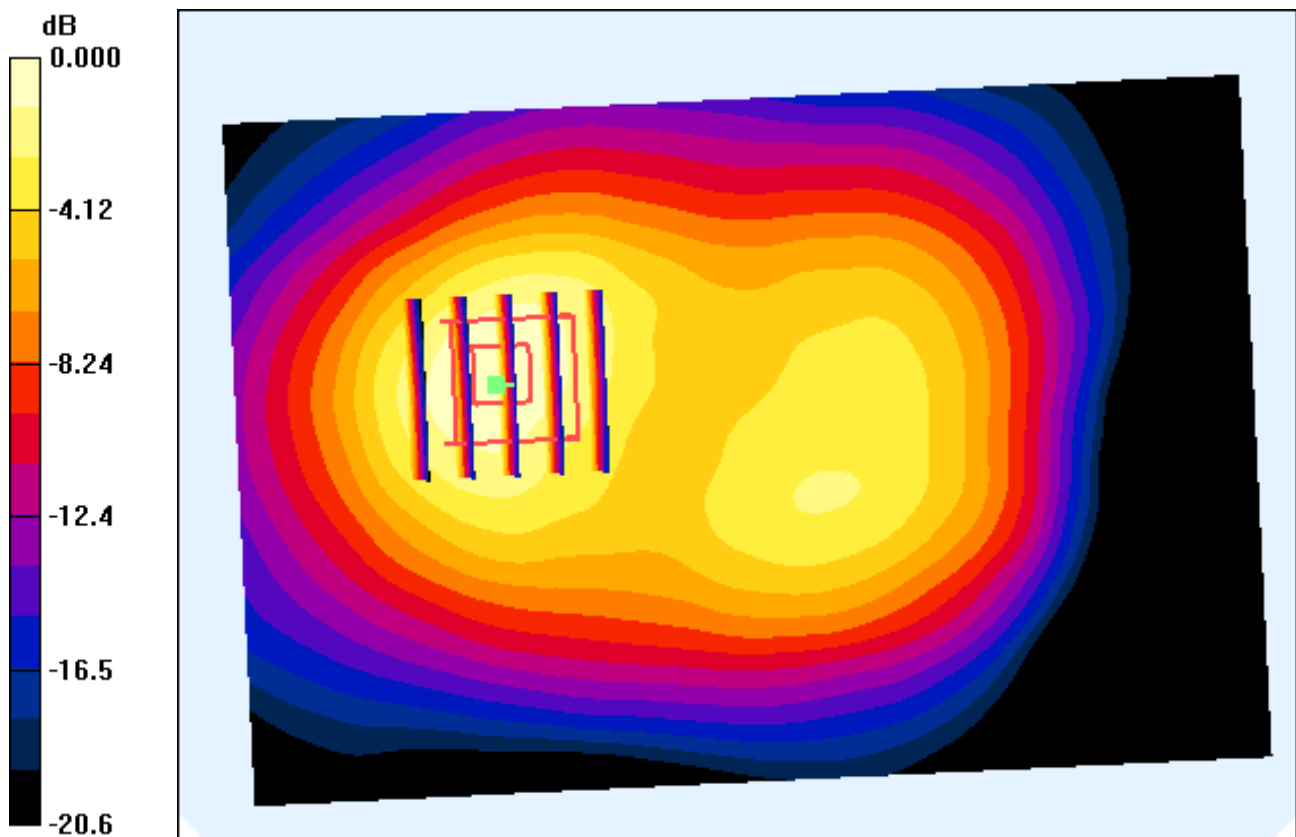
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.217 W/kg



0 dB = 0.565mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

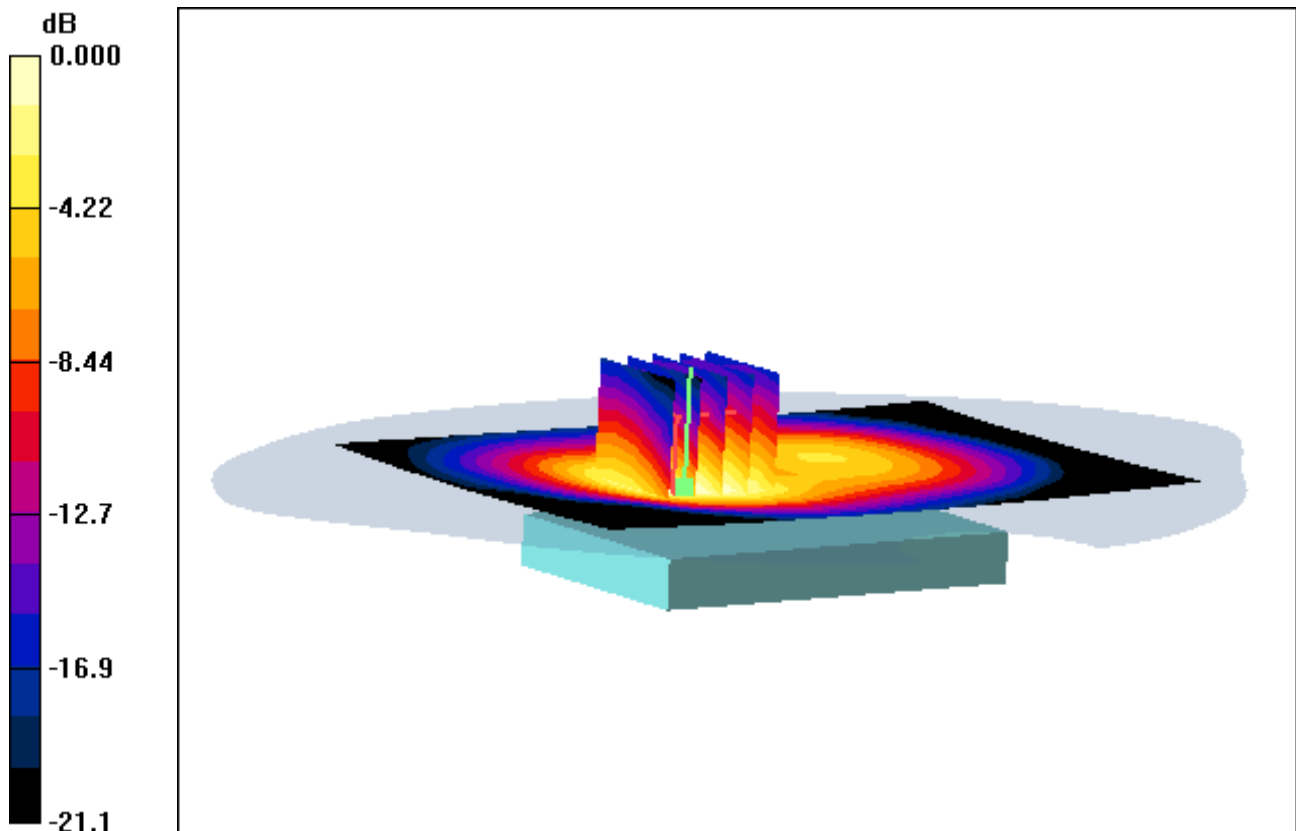
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.297 W/kg



0 dB = 0.756mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

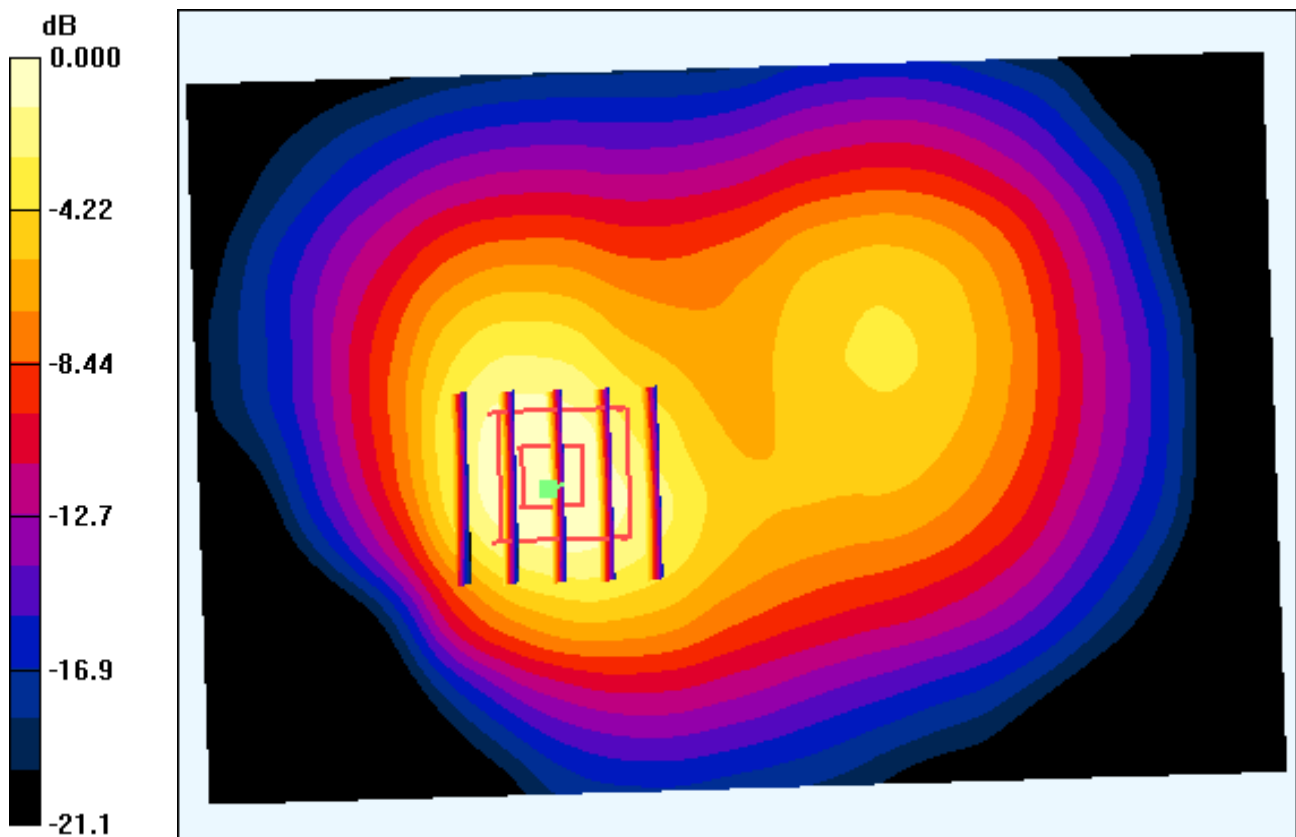
Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

1 cm space from Body, Rear, PCS1900 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 = -0.010 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.297 W/kg



0 dB = 0.756mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

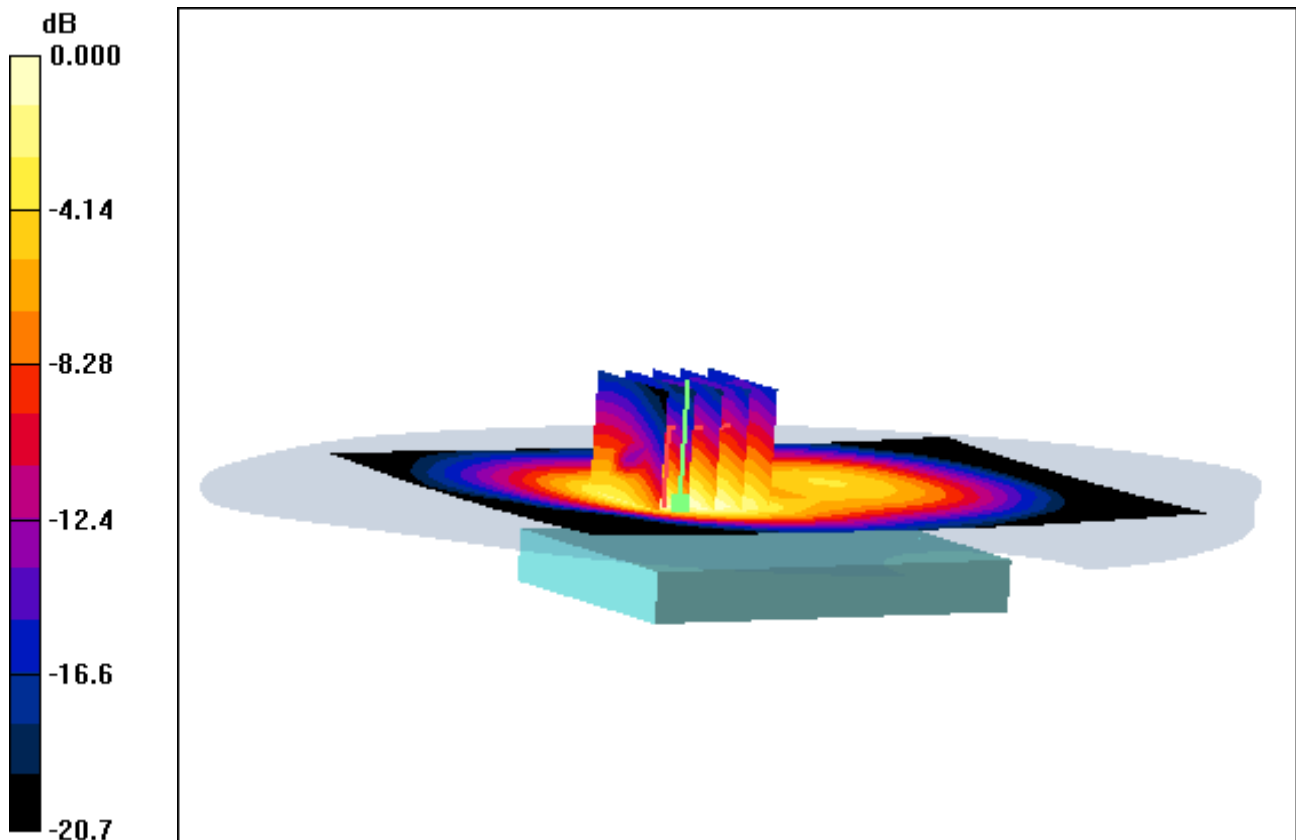
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.297 W/kg



0 dB = 0.759mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

With Enlarge plot image

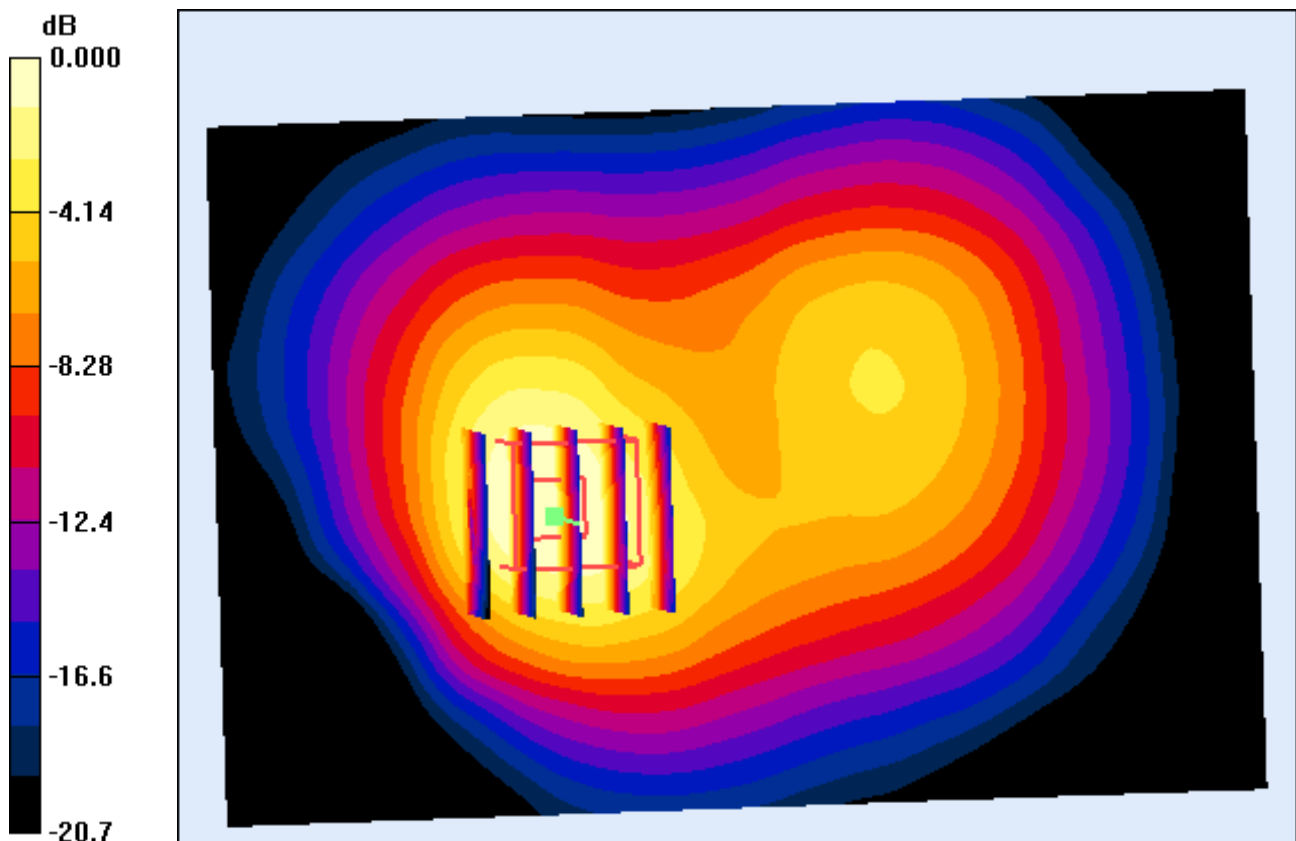
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.297 W/kg



0 dB = 0.759mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

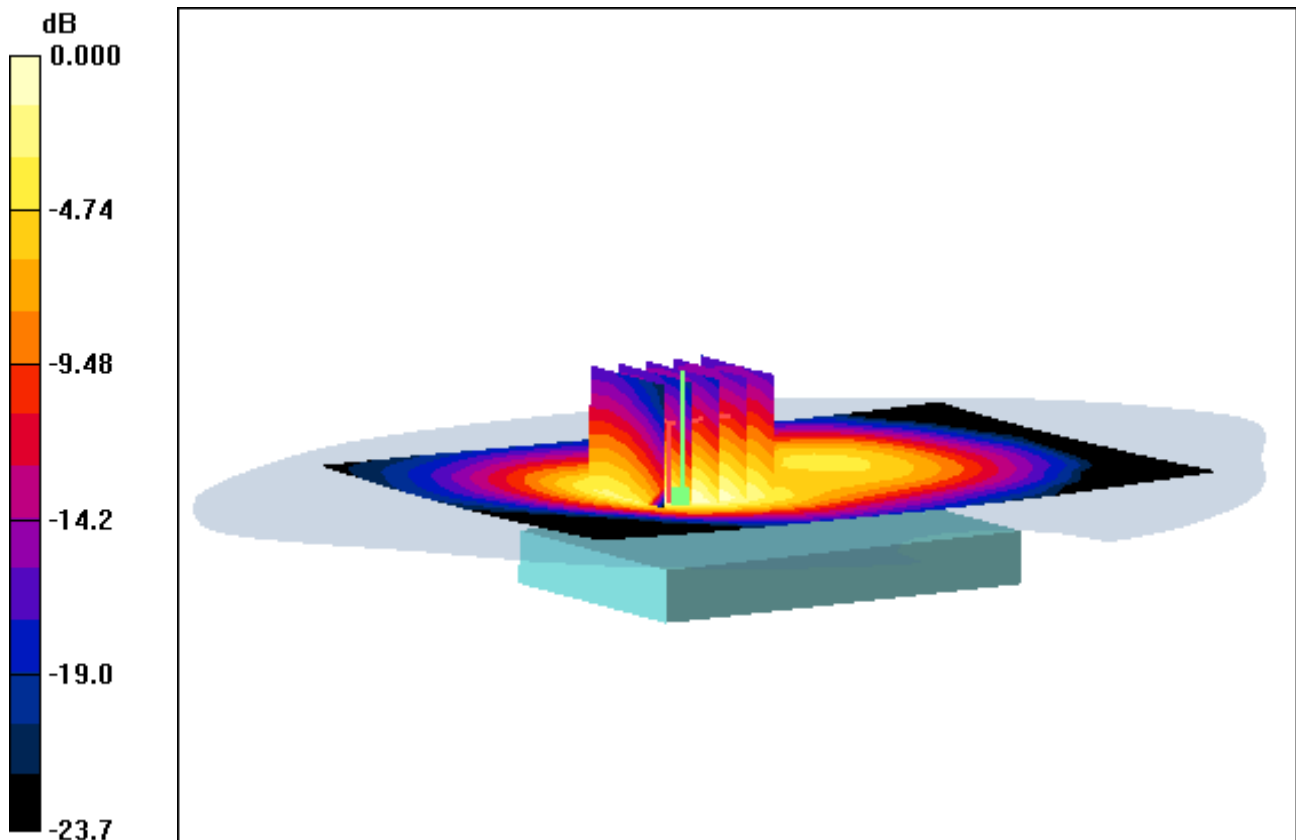
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.027 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.311 W/kg



0 dB = 0.801mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

With Enlarge plot image

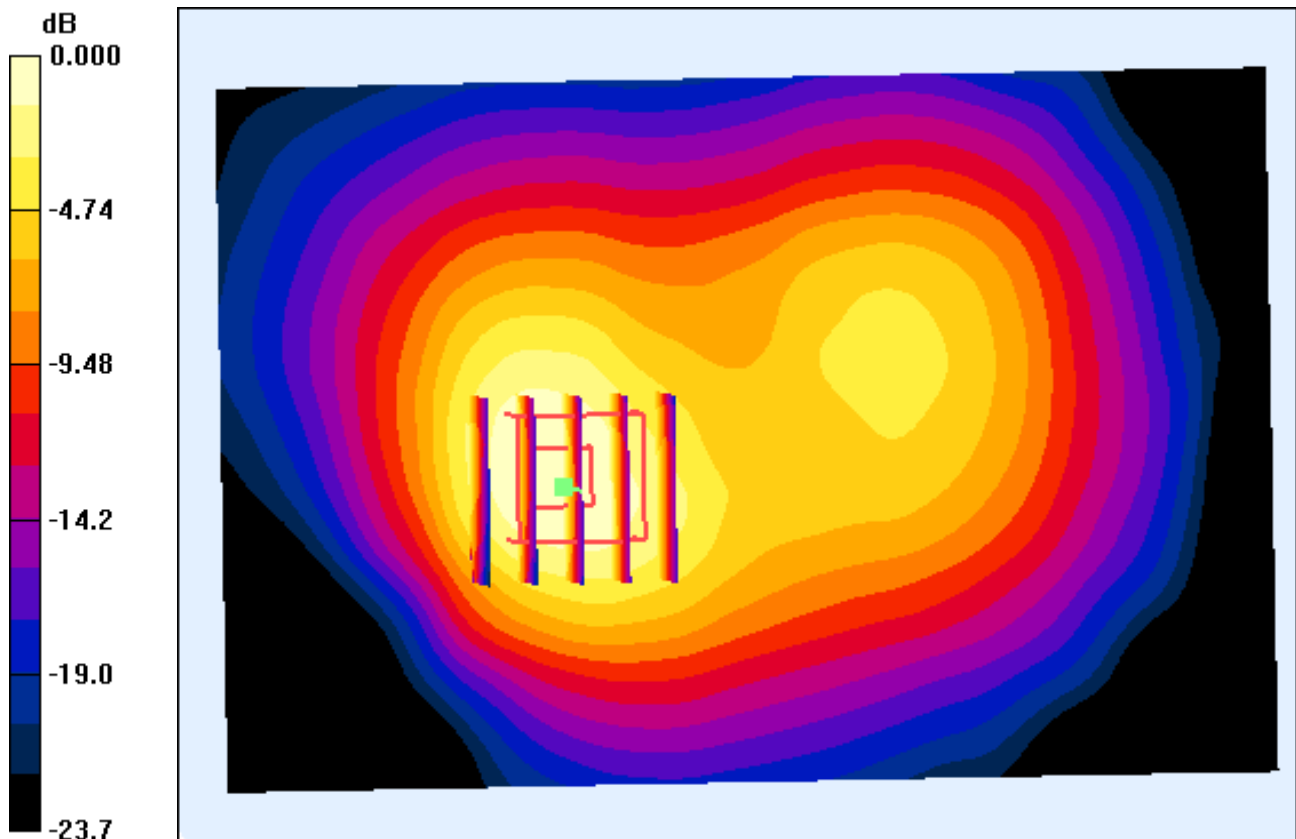
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.027 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.311 W/kg



0 dB = 0.801mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

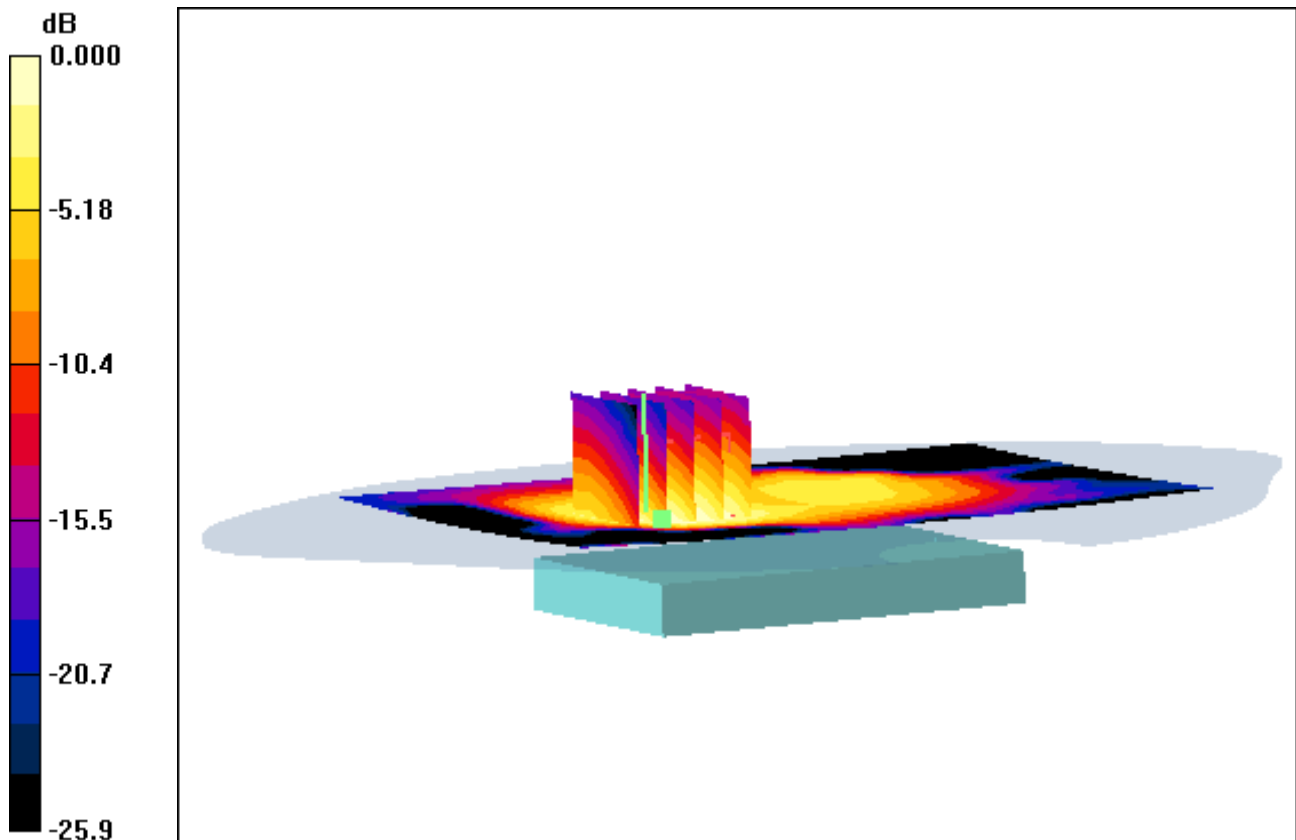
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.059 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.360 W/kg



0 dB = 0.899mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

With Enlarge plot image

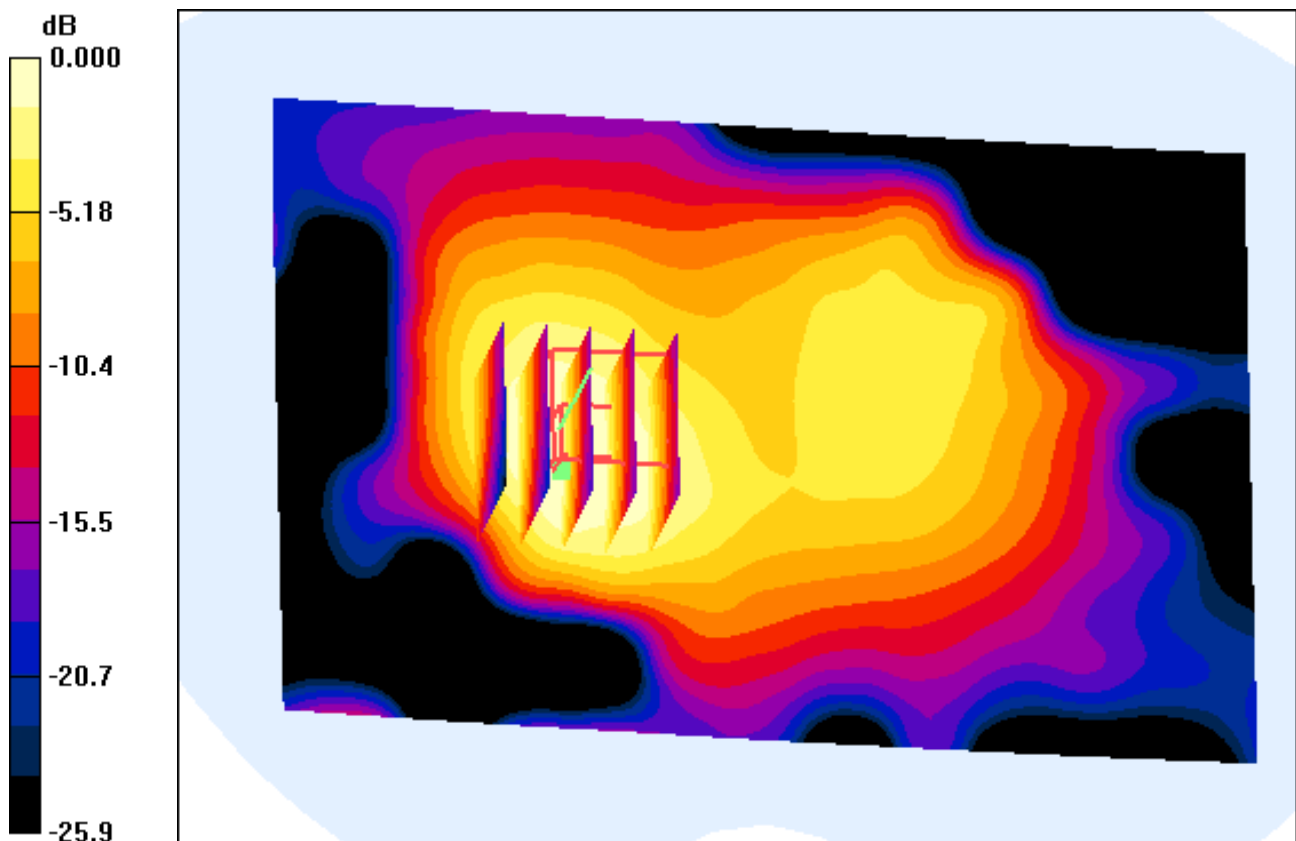
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.059 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.360 W/kg



0 dB = 0.899mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

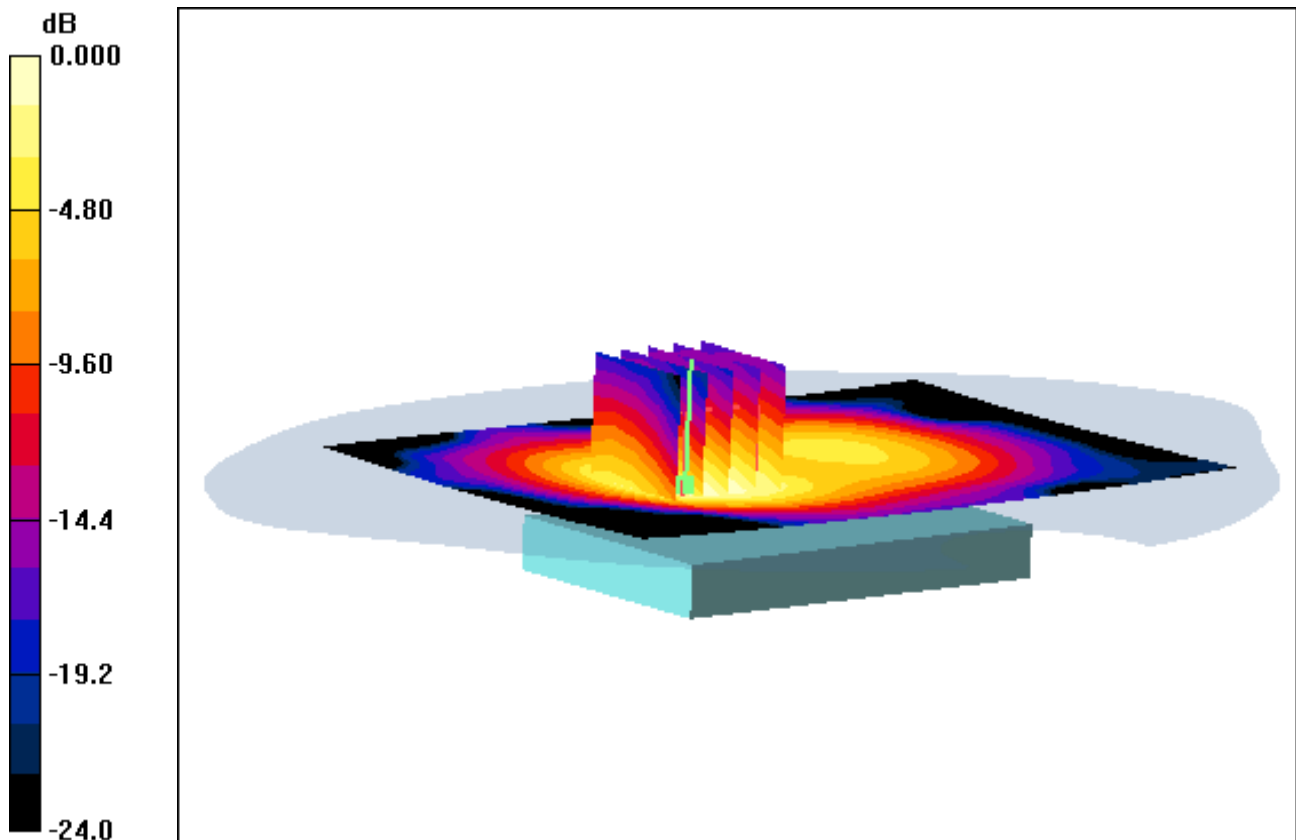
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.146 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.302 W/kg



0 dB = 0.776mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

With Enlarge plot image

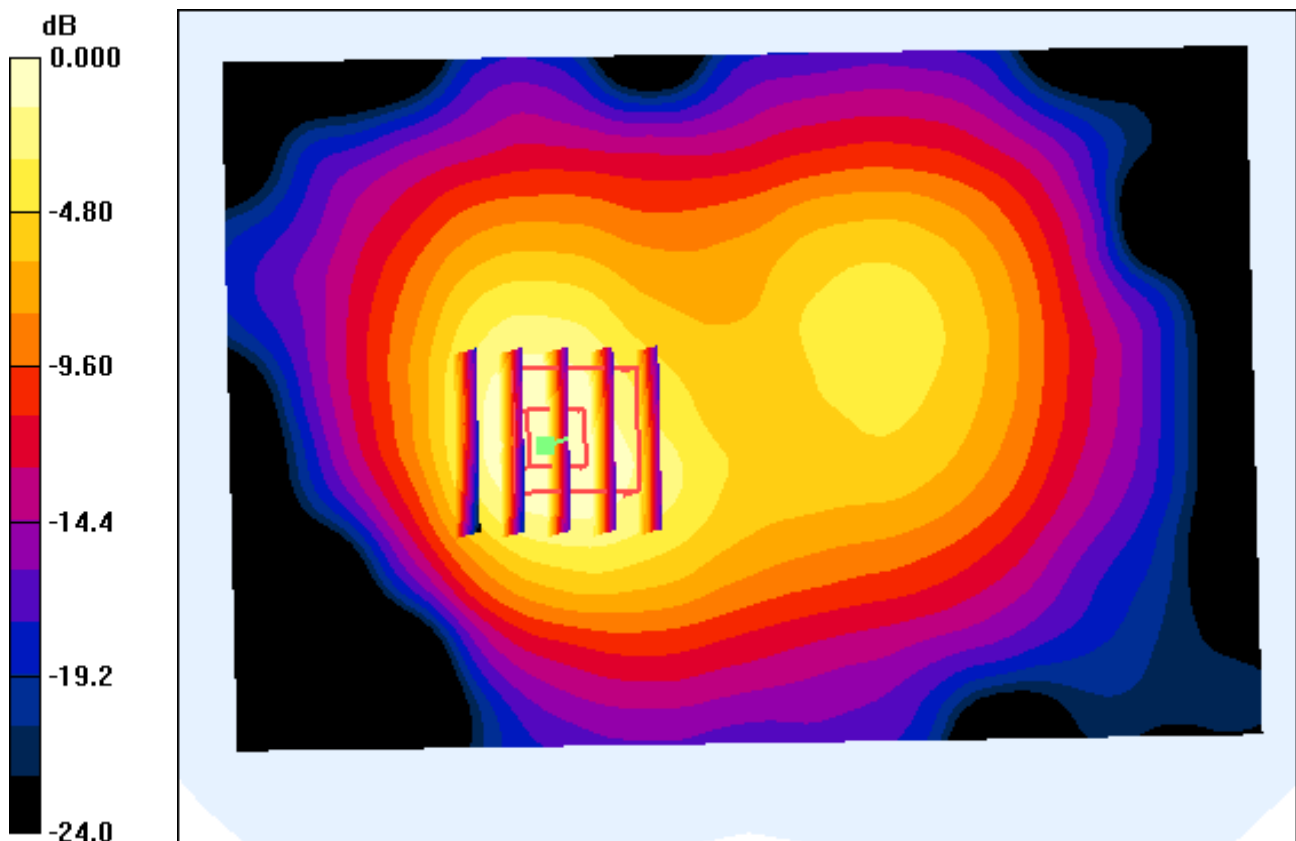
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.146 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.302 W/kg



0 dB = 0.776mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

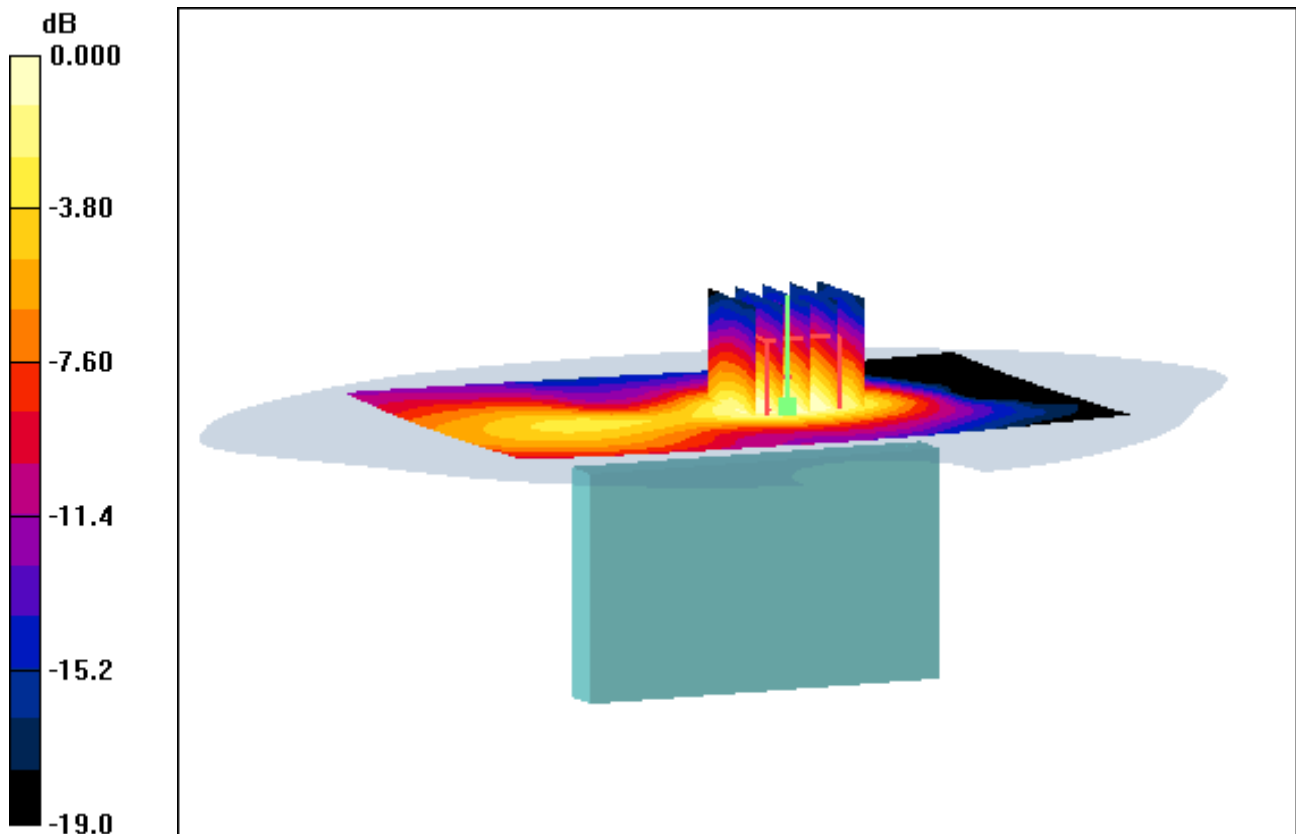
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.074 W/kg



0 dB = 0.181mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

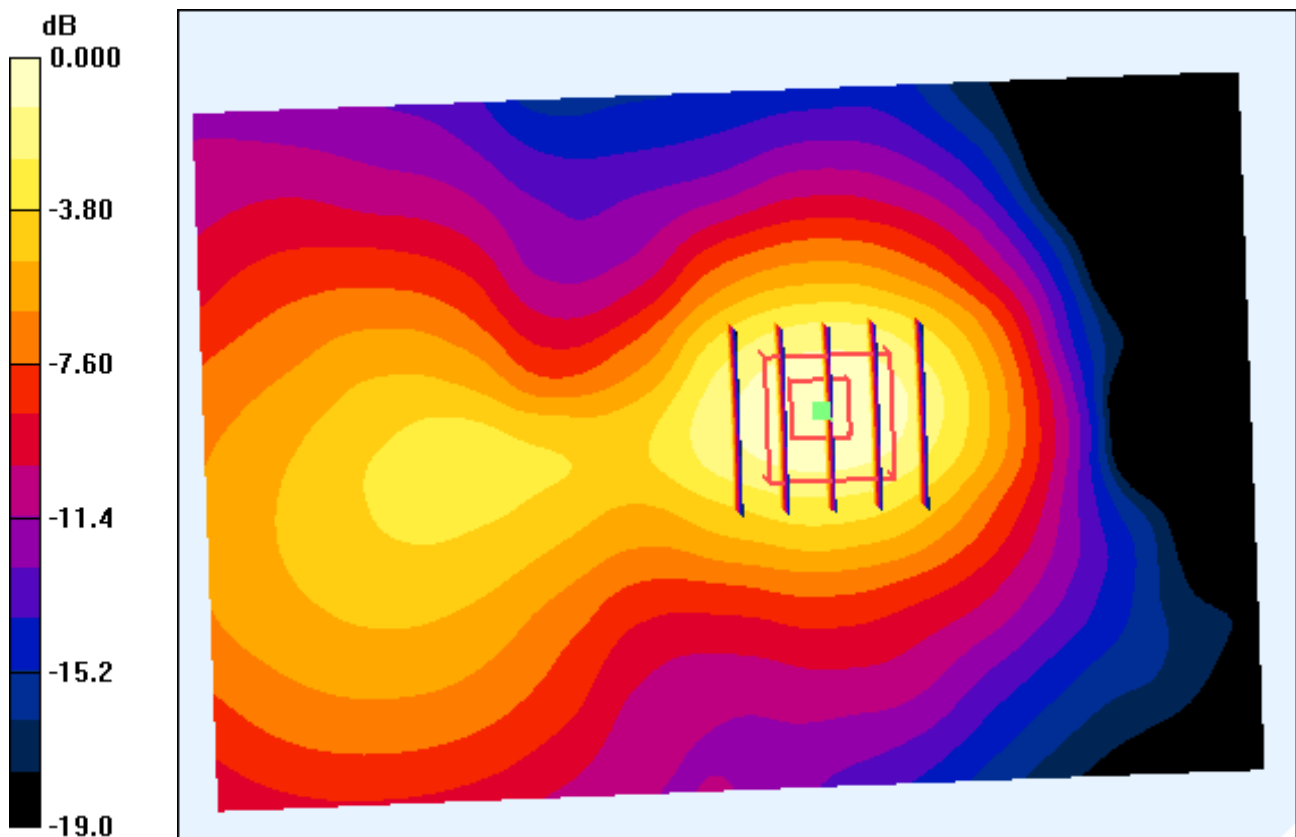
Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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 = -0.030 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.074 W/kg



0 dB = 0.181mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

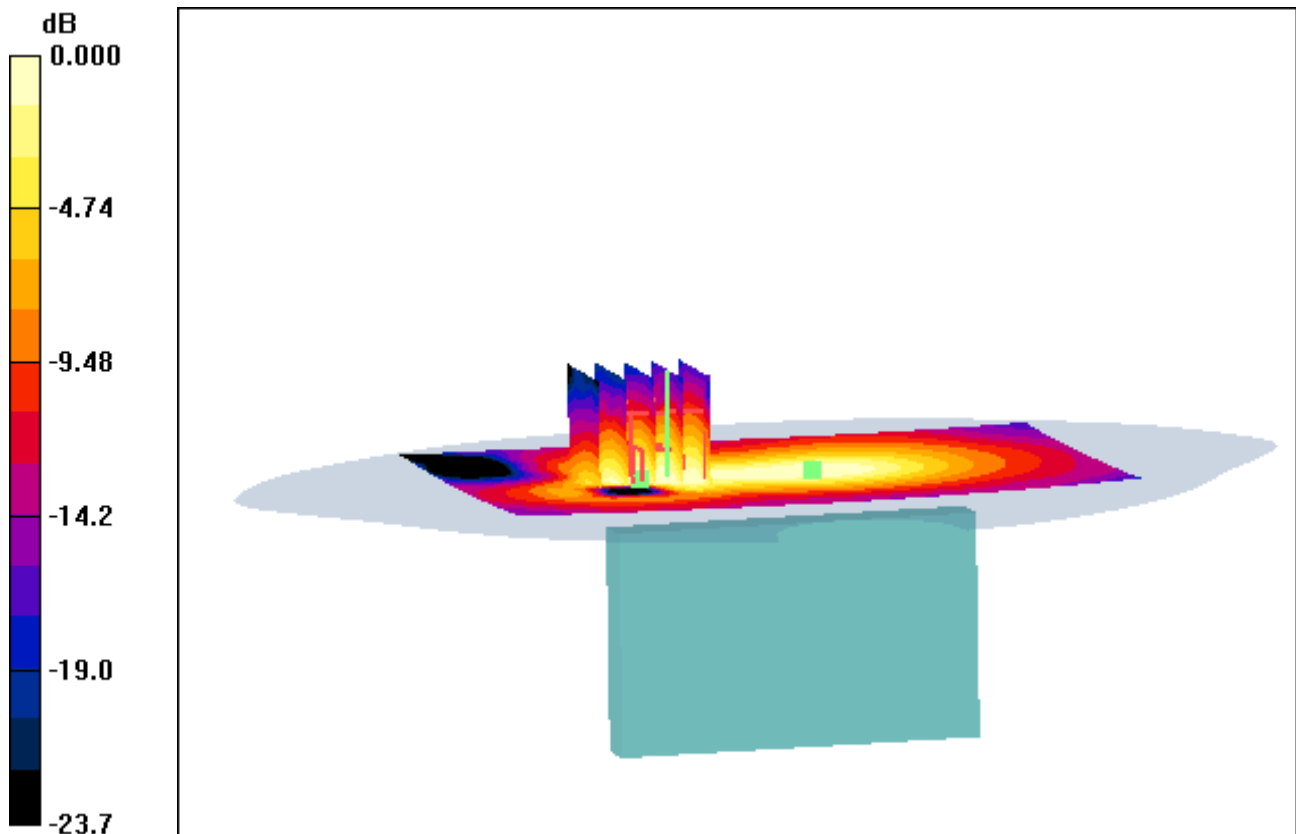
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.287mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

With Enlarge plot image

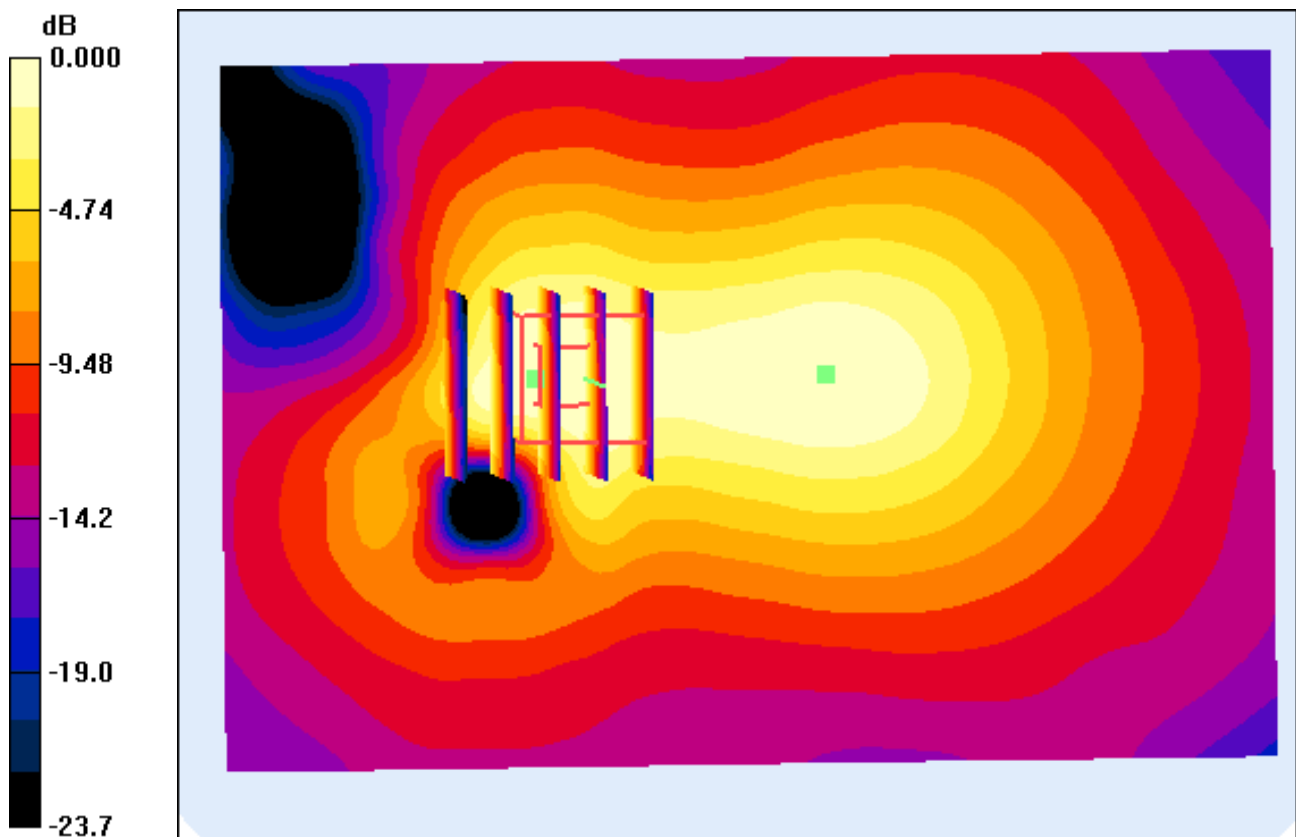
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.287mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

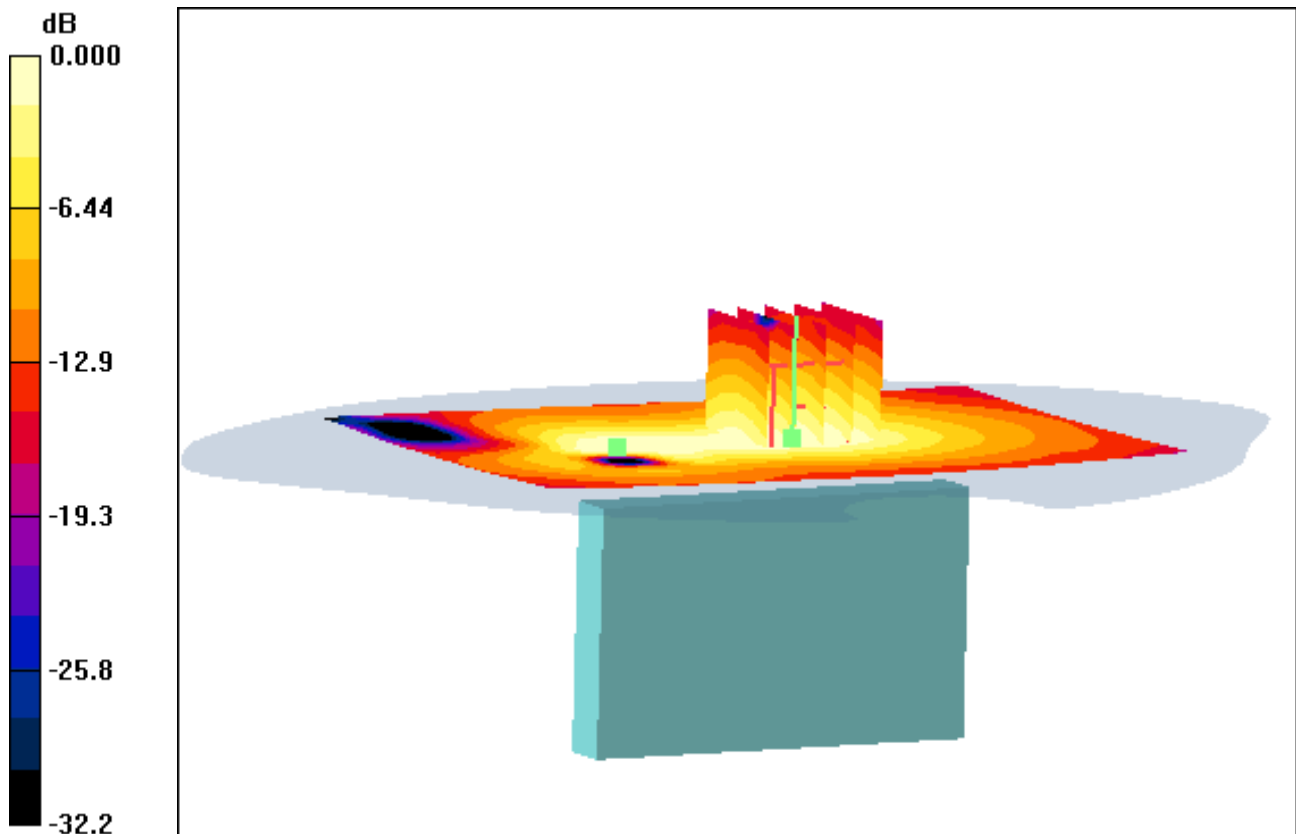
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.119 W/kg



0 dB = 0.291mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

With Enlarge plot image

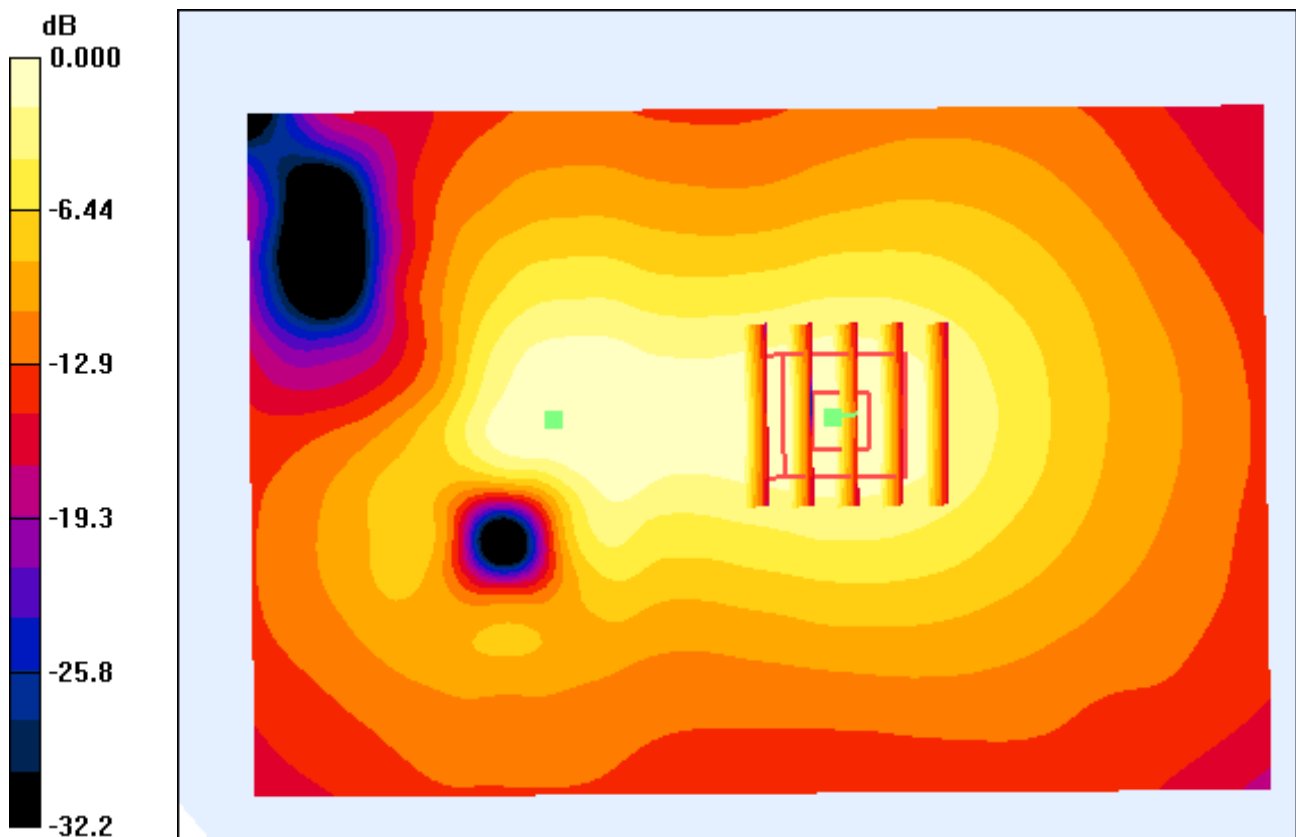
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.119 W/kg



0 dB = 0.291mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

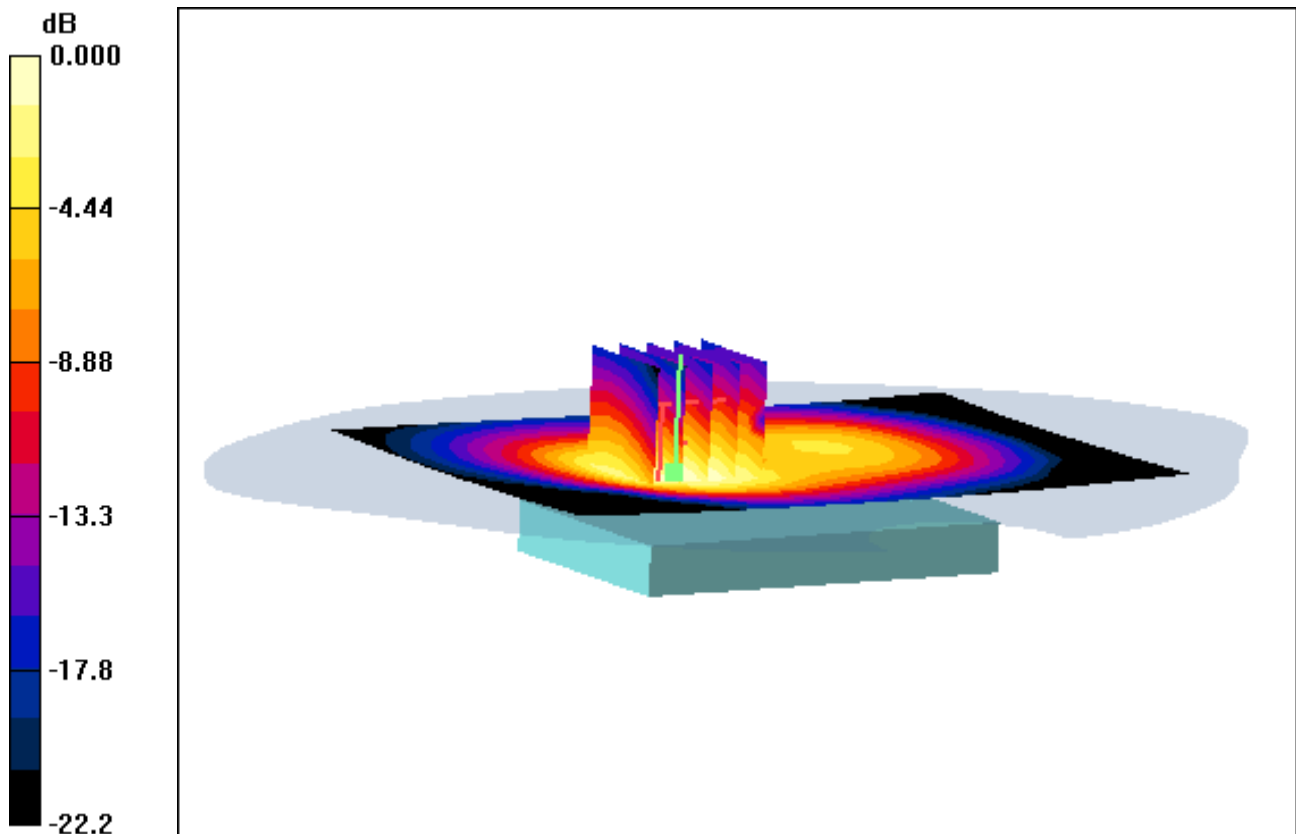
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.122 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.325 W/kg



0 dB = 0.841mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

With Enlarge plot image

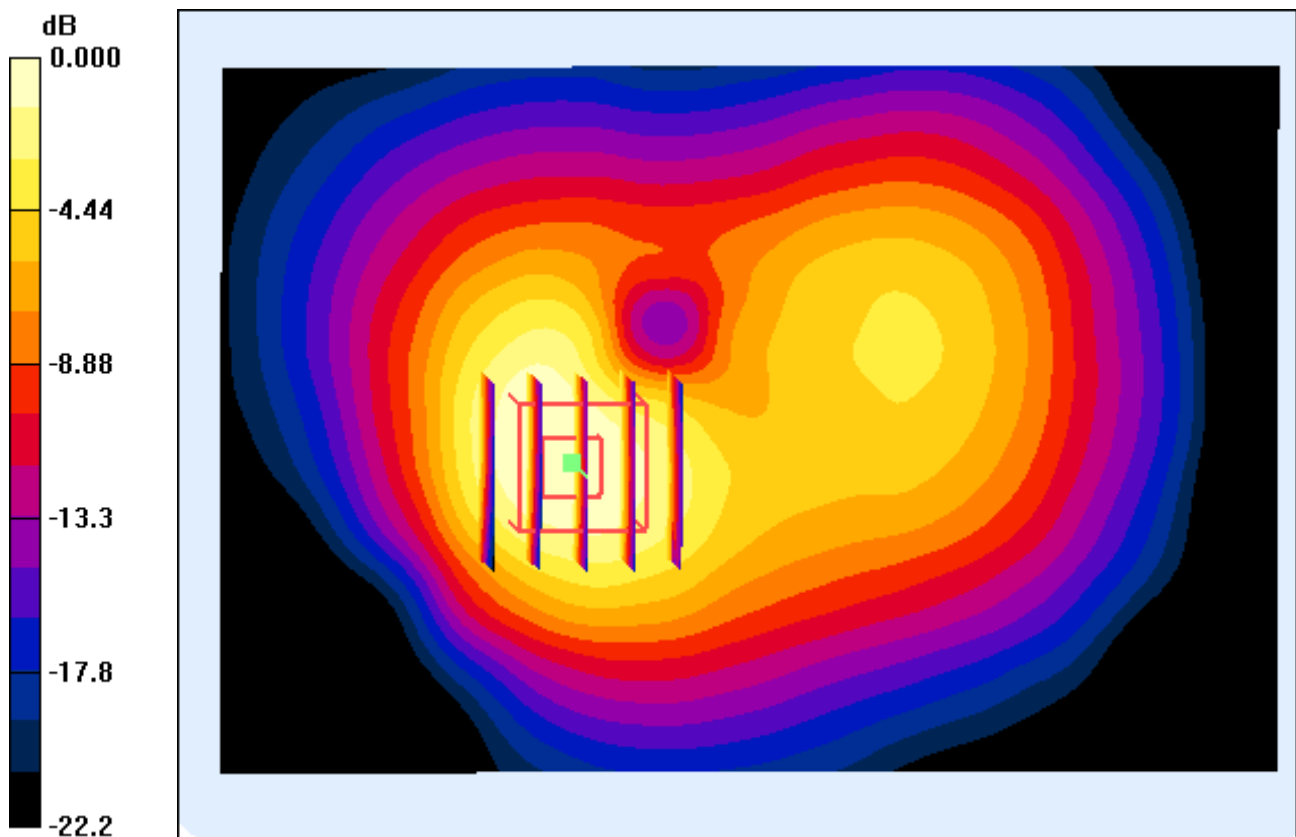
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.122 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.325 W/kg



0 dB = 0.841mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-23; Ambient Temp: 21.1; Tissue Temp: 21.4

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

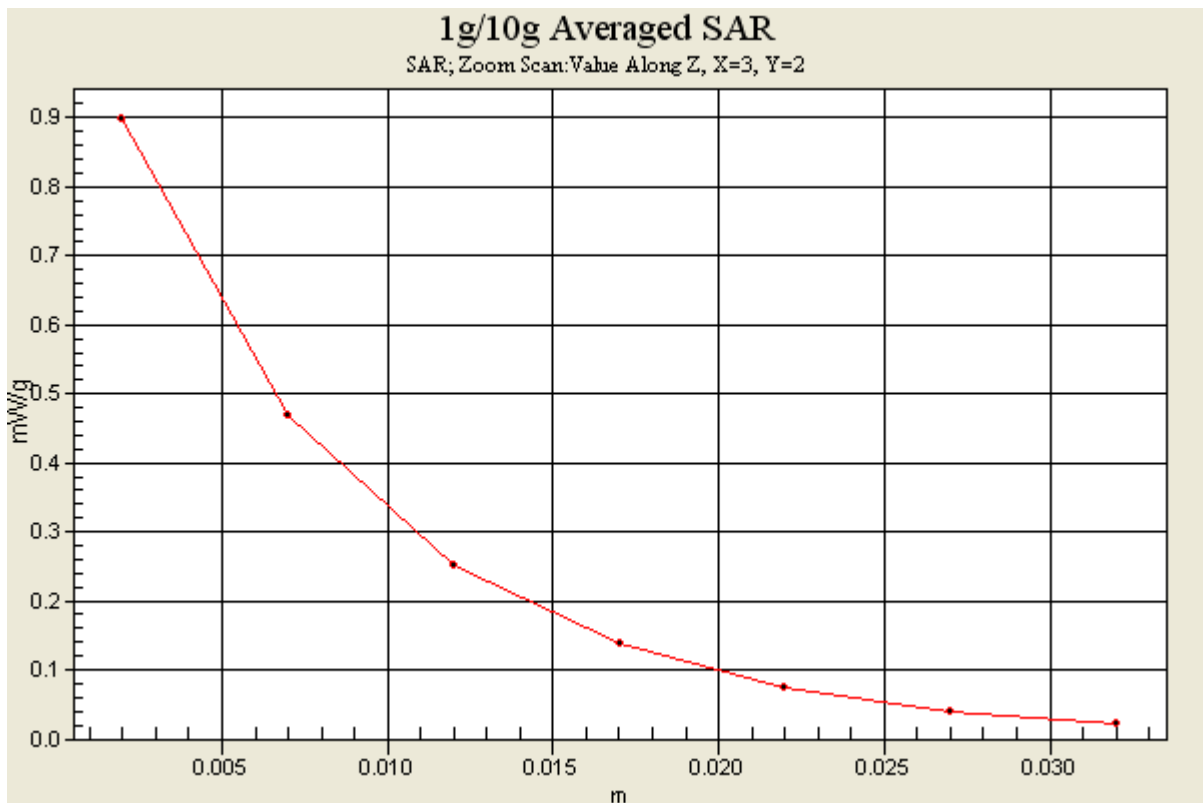
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.059 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.360 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

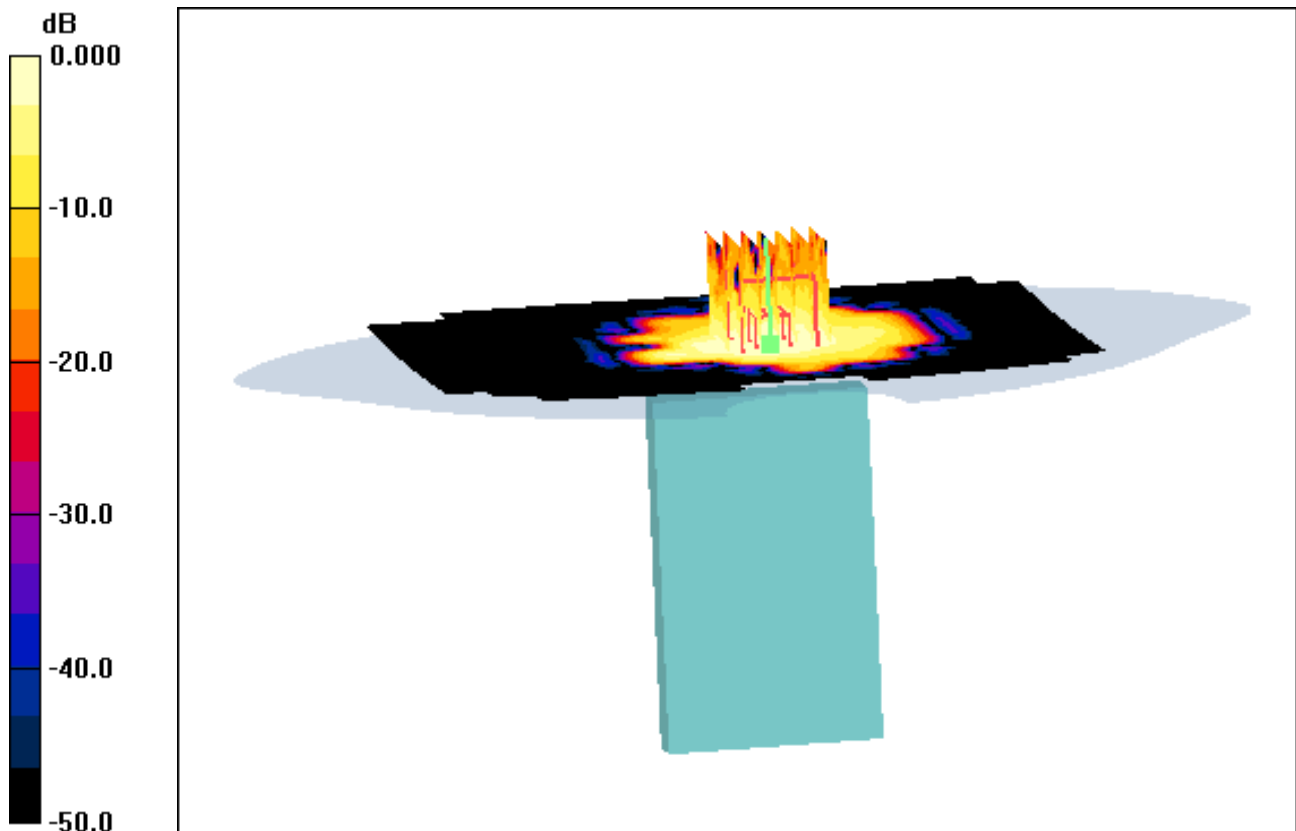
DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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

Area Scan (141x161x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Power Drift = 0.120 dB
Peak SAR (extrapolated) = 0.067 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.046mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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

With Enlarge plot image

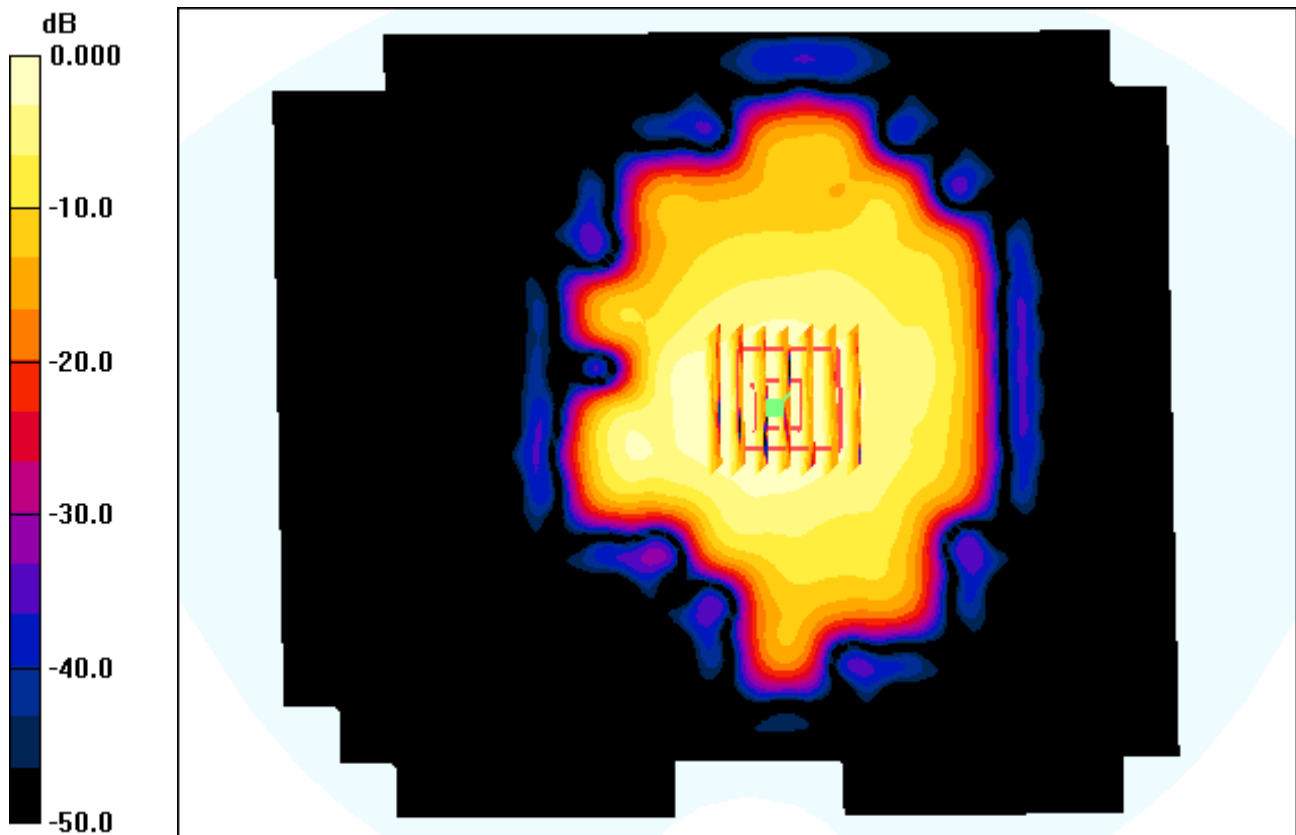
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.120 dB

Peak SAR (extrapolated) = 0.067 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.046mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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

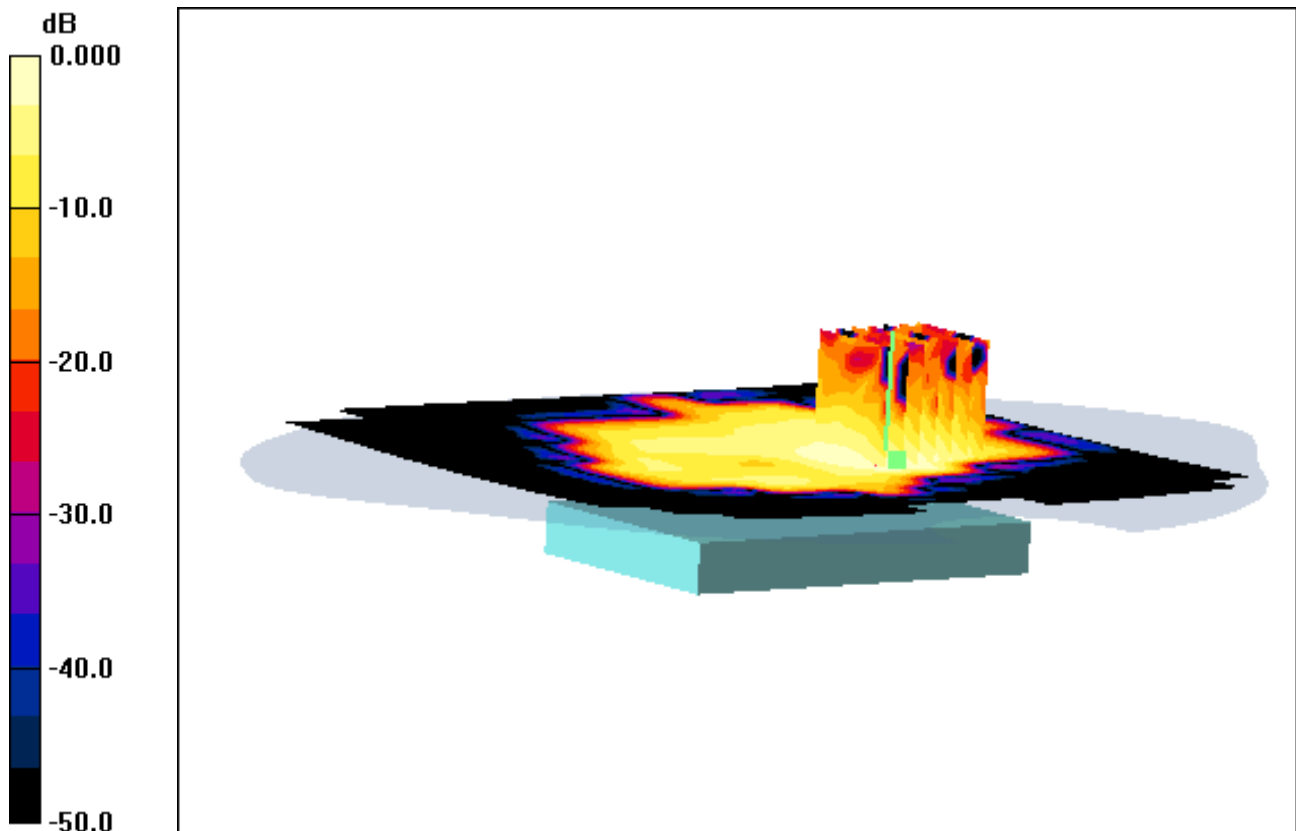
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.066mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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

With Enlarge plot image

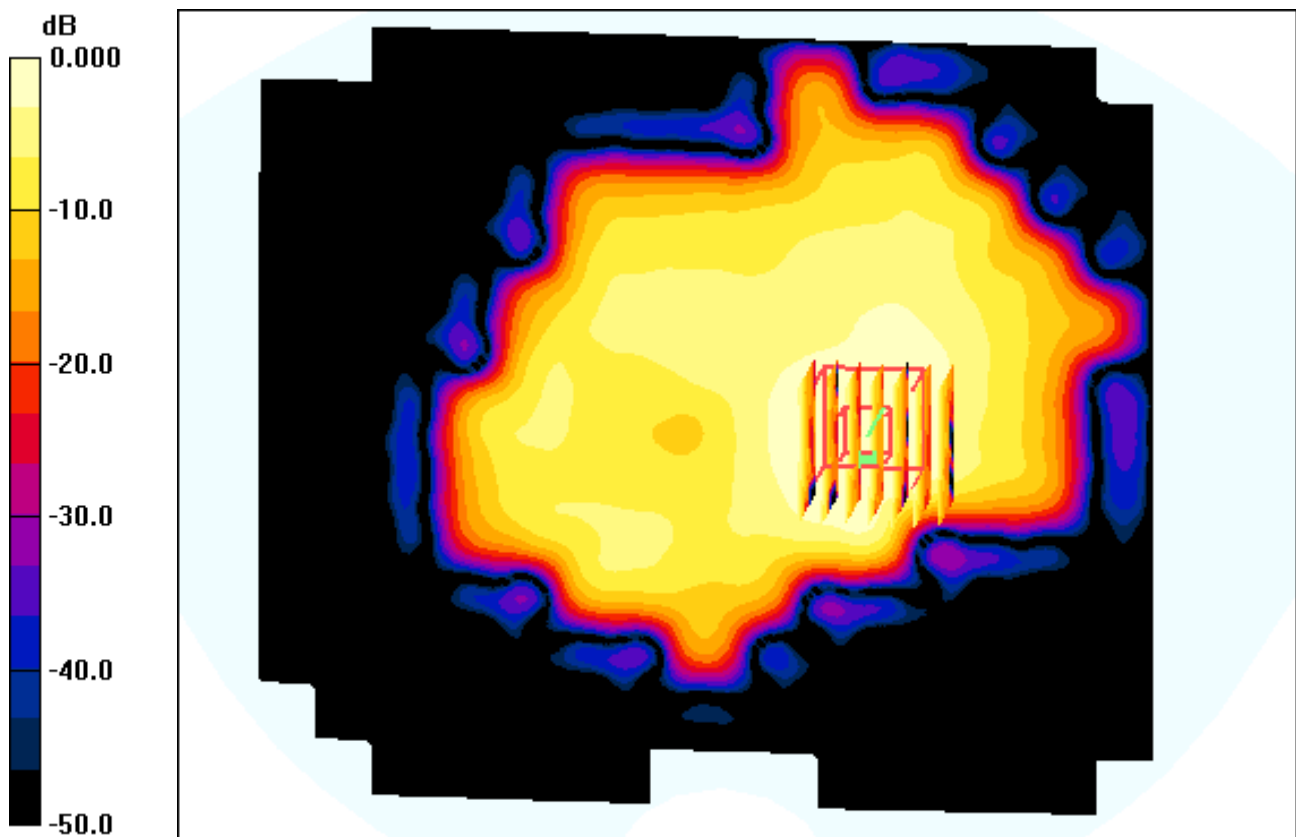
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.066mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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

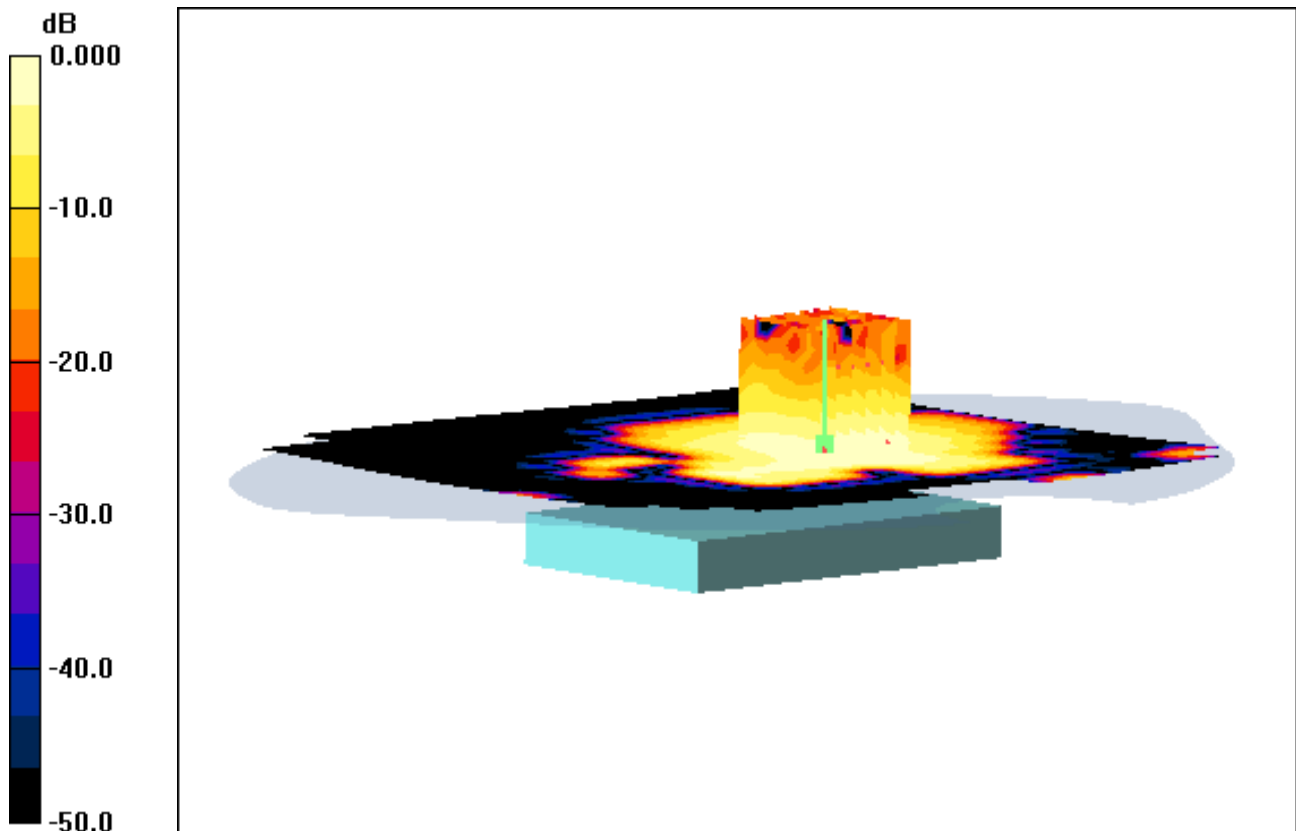
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.029 W/kg



0 dB = 0.084mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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

With Enlarge plot image

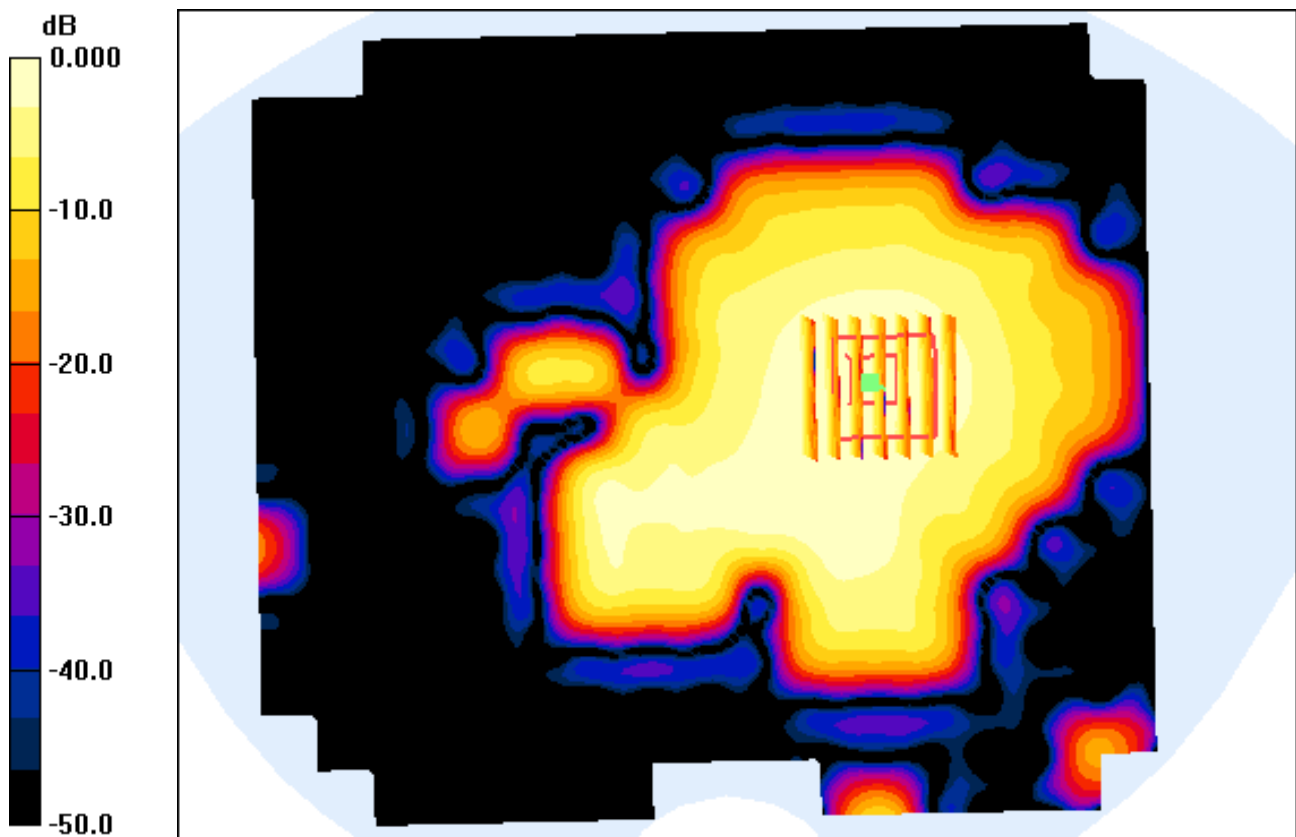
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.029 W/kg



0 dB = 0.084mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

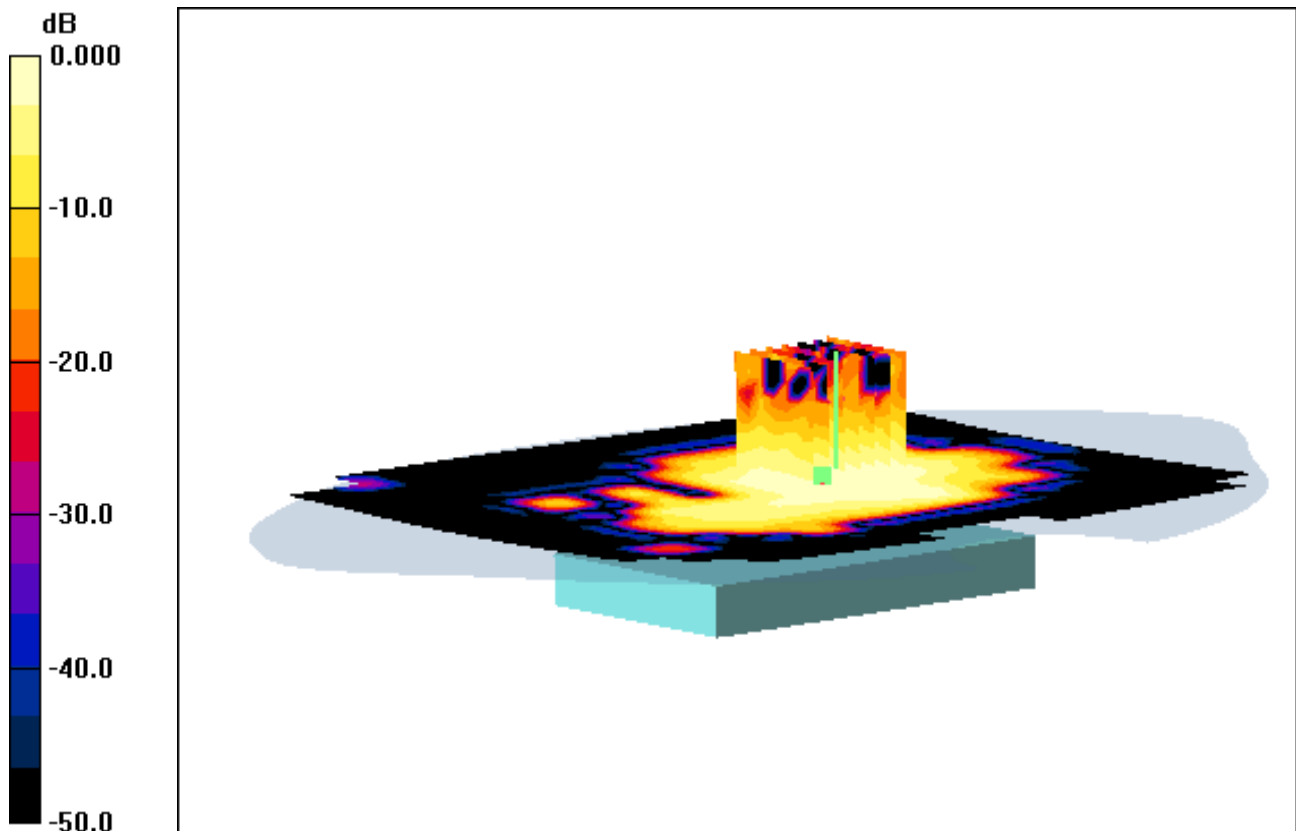
DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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 = -0.014 dB
Peak SAR (extrapolated) = 0.096 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.066mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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

With Enlarge plot image

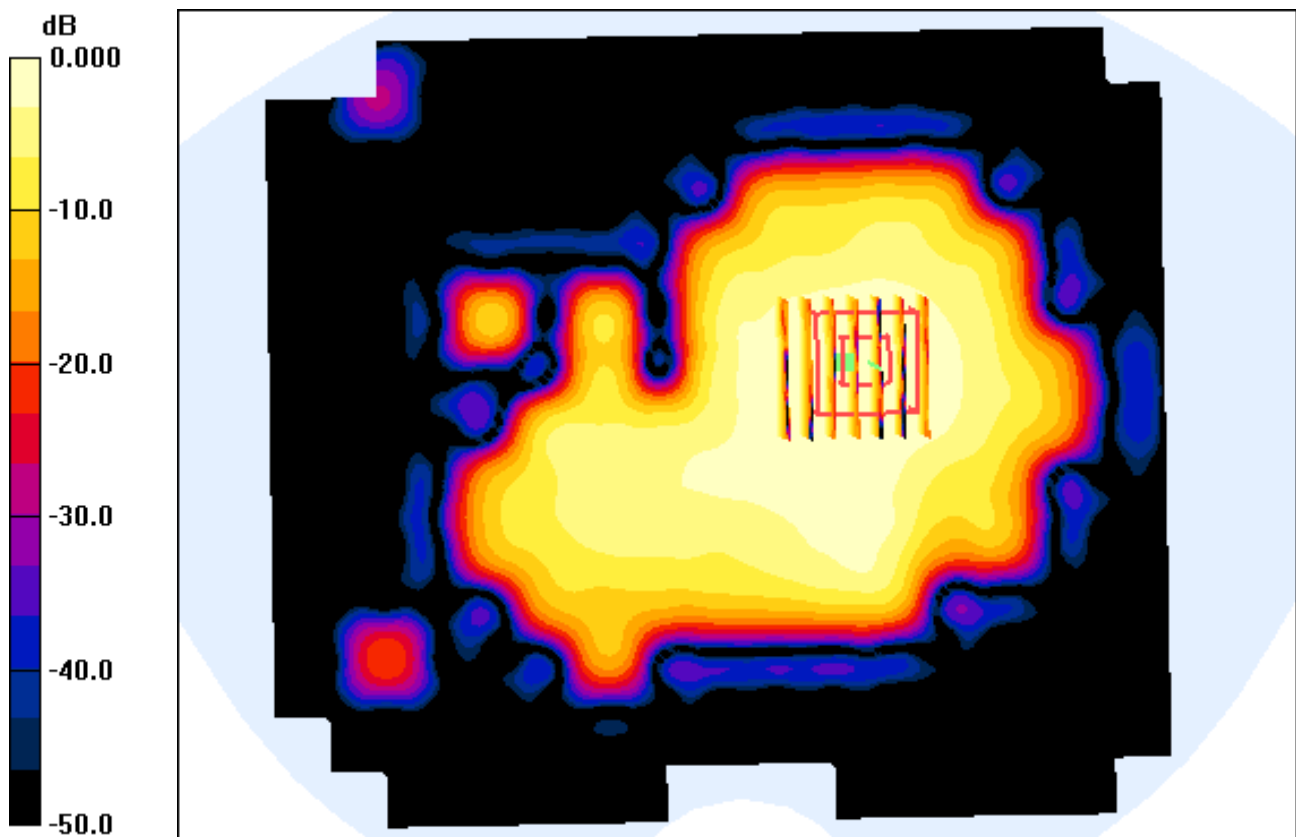
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.066mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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

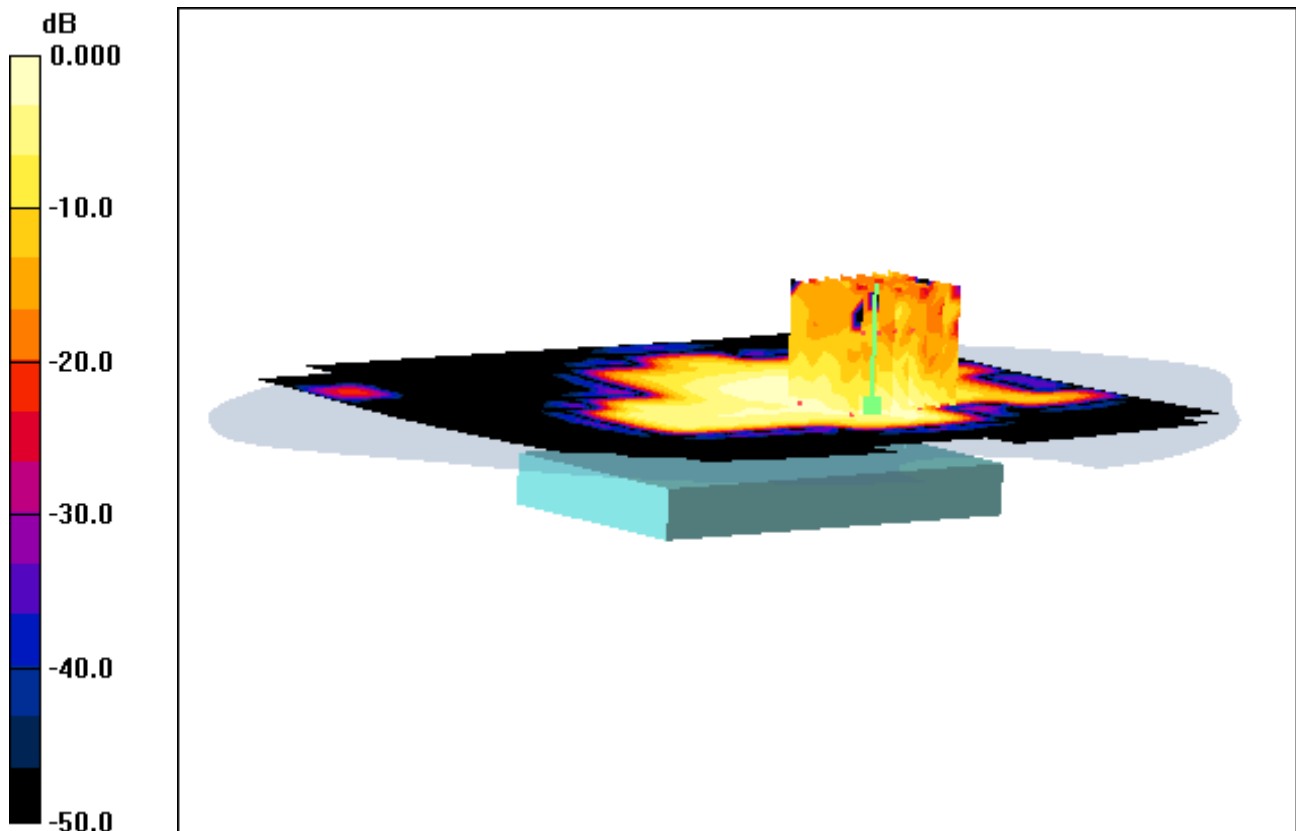
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.011 W/kg



0 dB = 0.041mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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

With Enlarge plot image

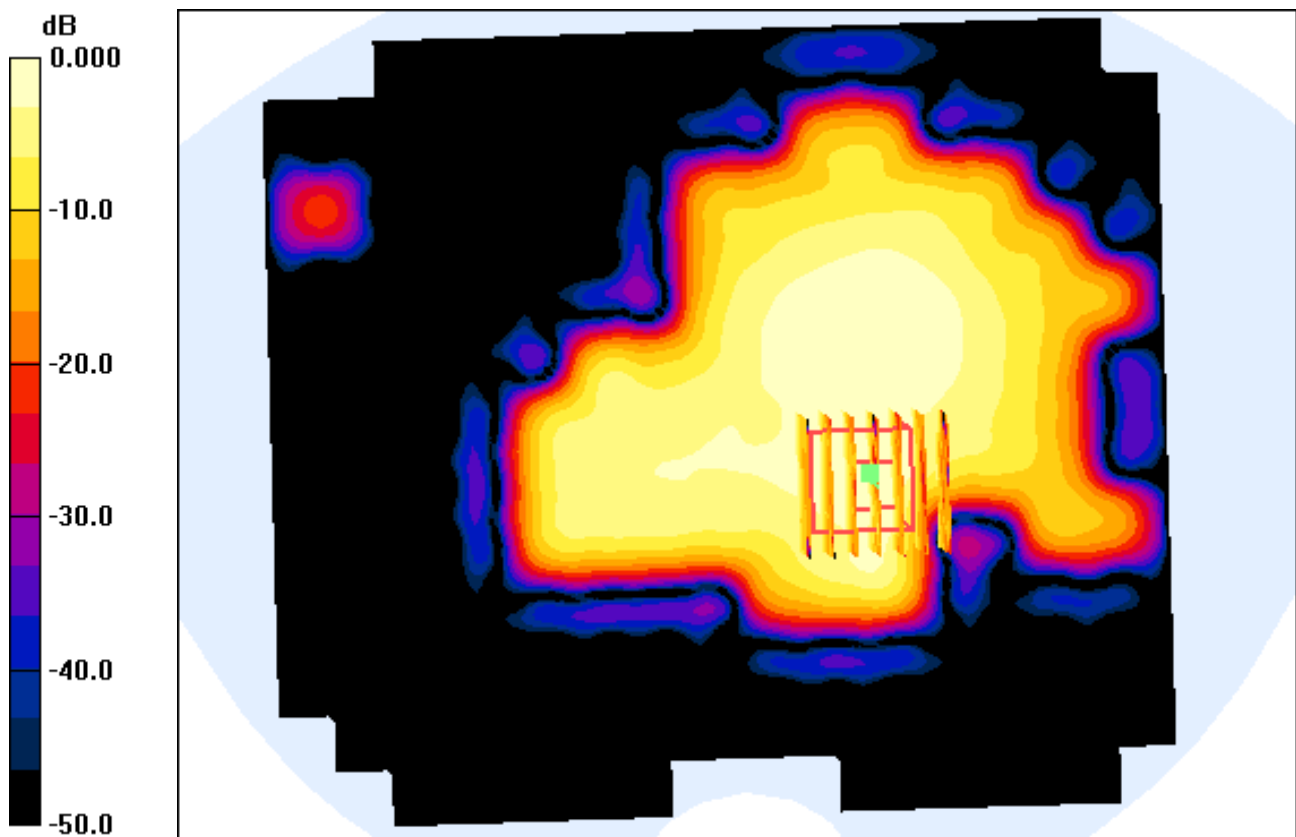
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.011 W/kg



0 dB = 0.041mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

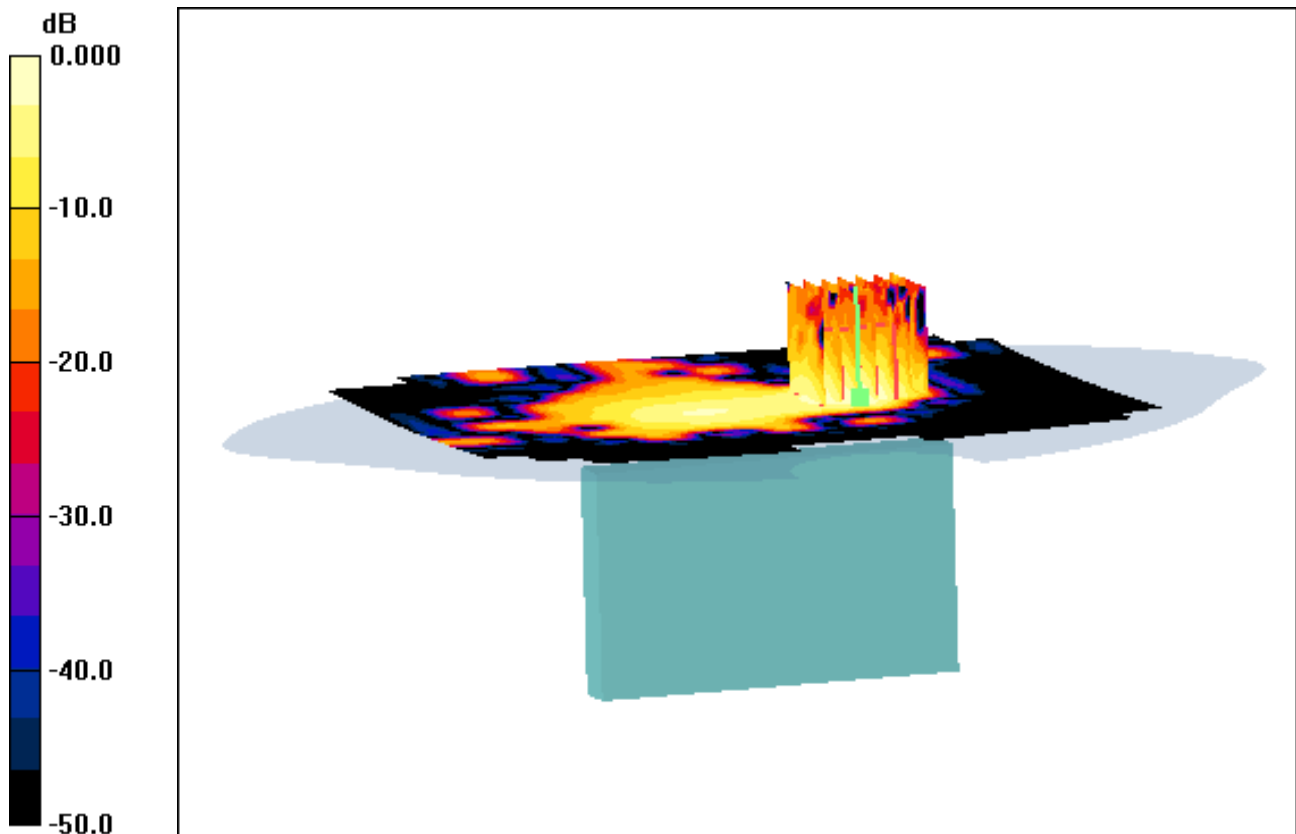
DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

1 cm space from Body, Left, 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 = 0.024 dB
Peak SAR (extrapolated) = 0.120 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.015 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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

With Enlarge plot image

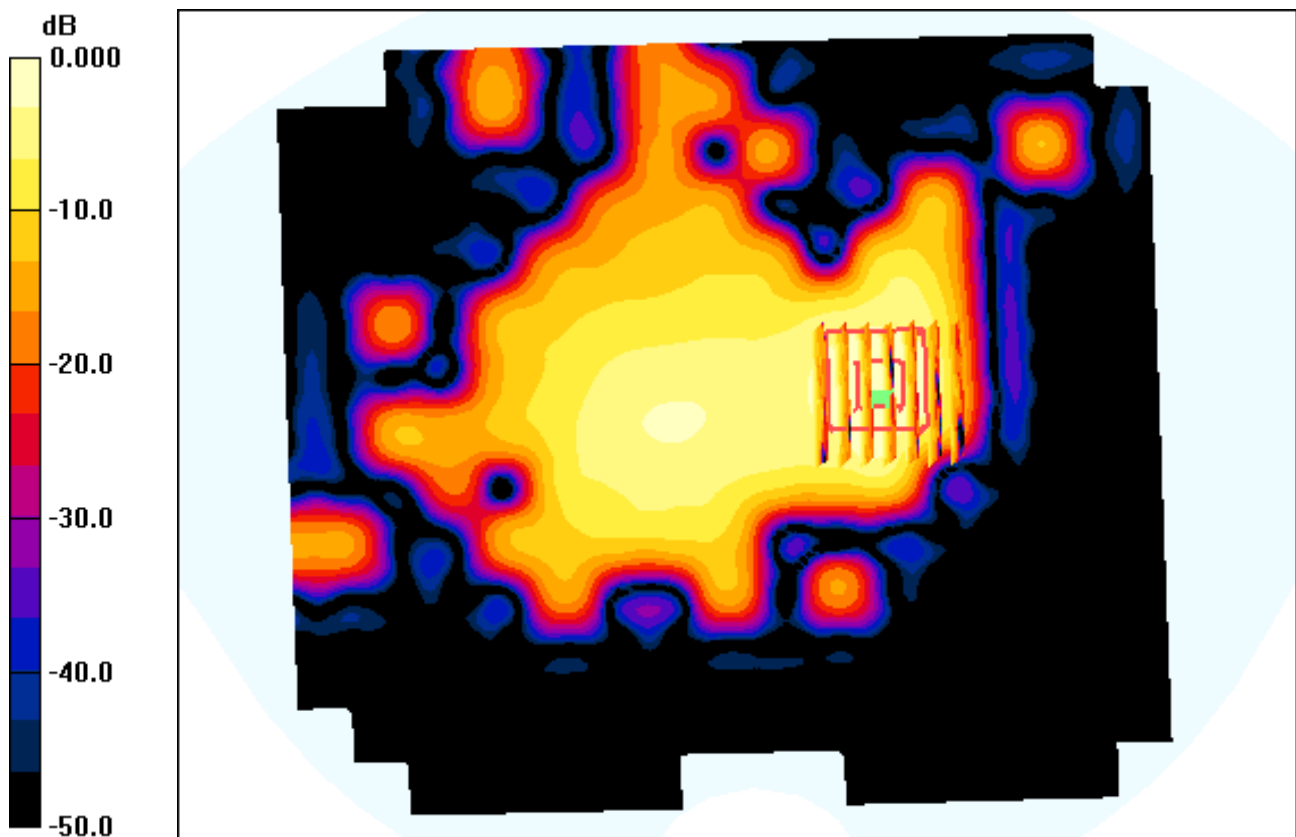
Area Scan (141x161x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.063mW/g

DIGITAL EMC CO., LTD

DUT: LG-E435f; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-12-30; Ambient Temp: 21.3; Tissue Temp: 21.7

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 = -0.055 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.029 W/kg

