

SAR Test Plots

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

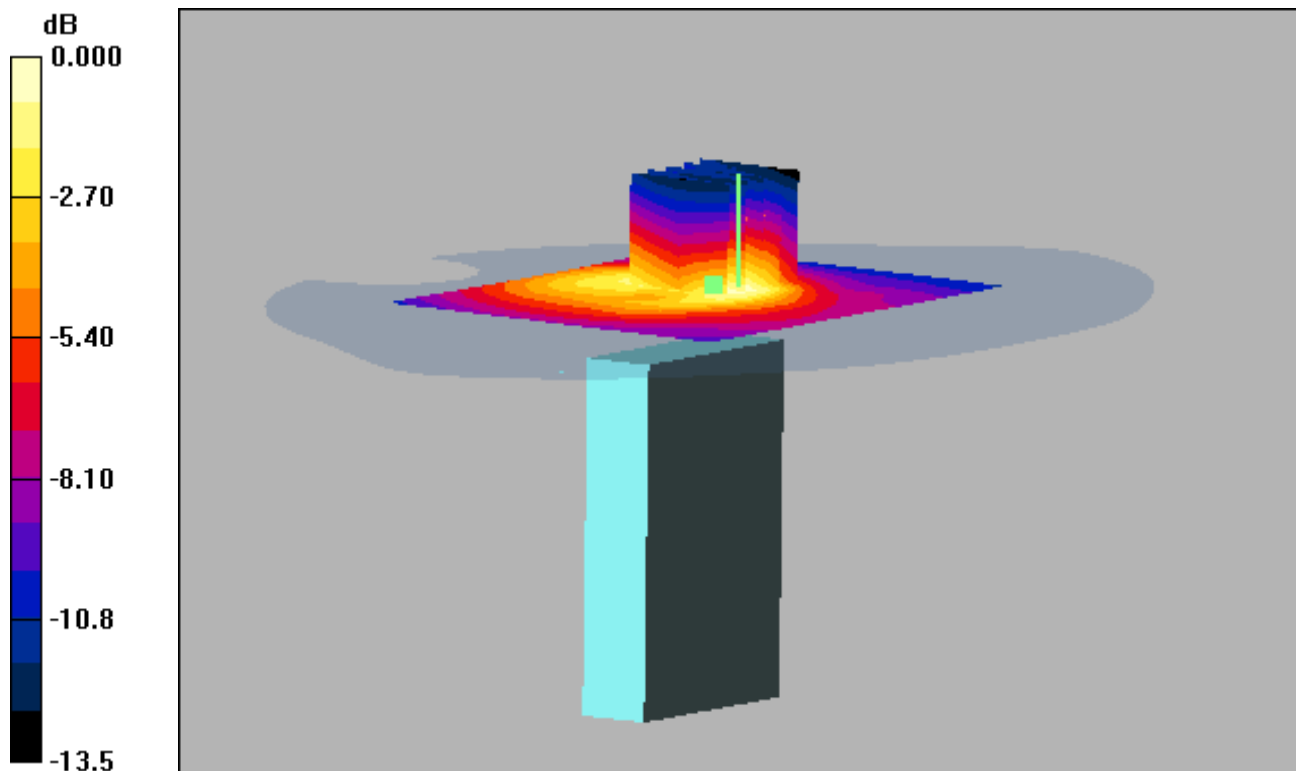
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.091 W/kg



0 dB = 0.185mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

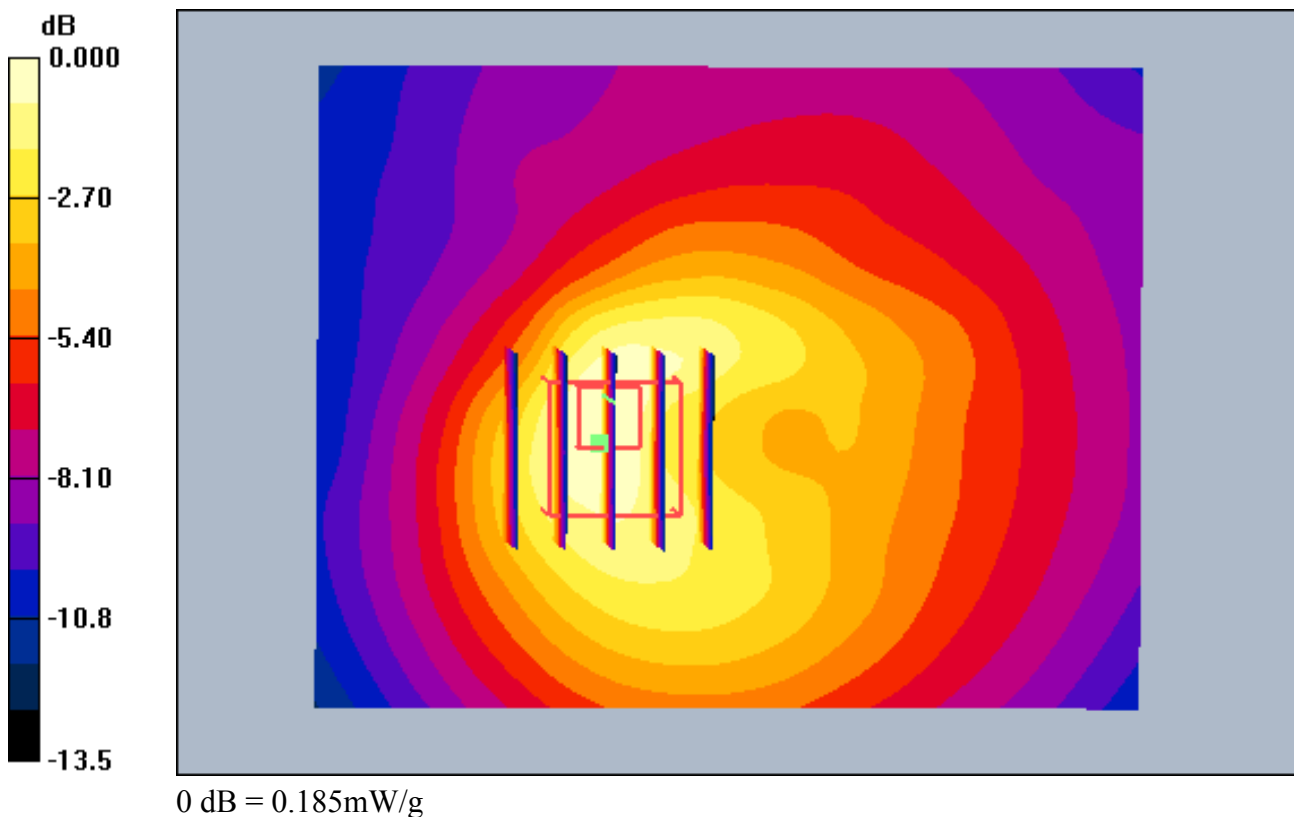
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
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Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.091 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.977 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

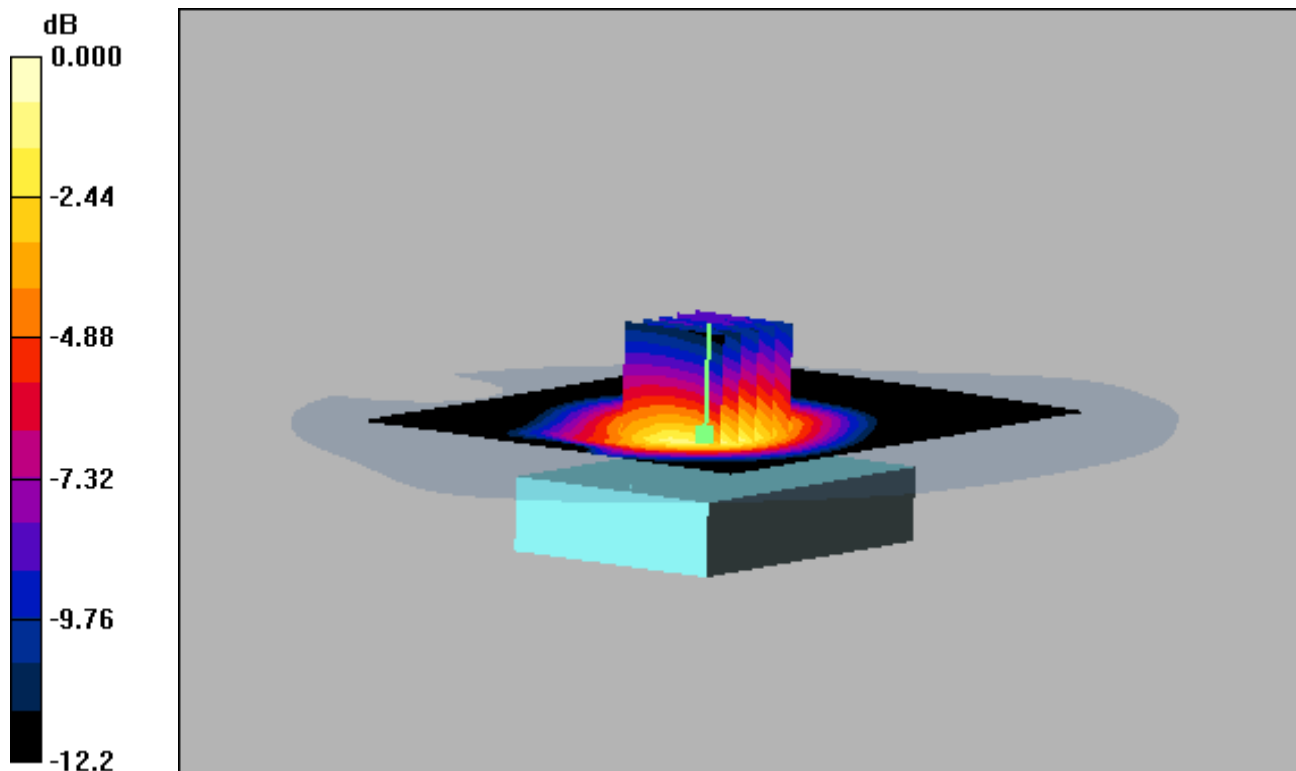
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.007 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.470 W/kg



0 dB = 0.826mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.977 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

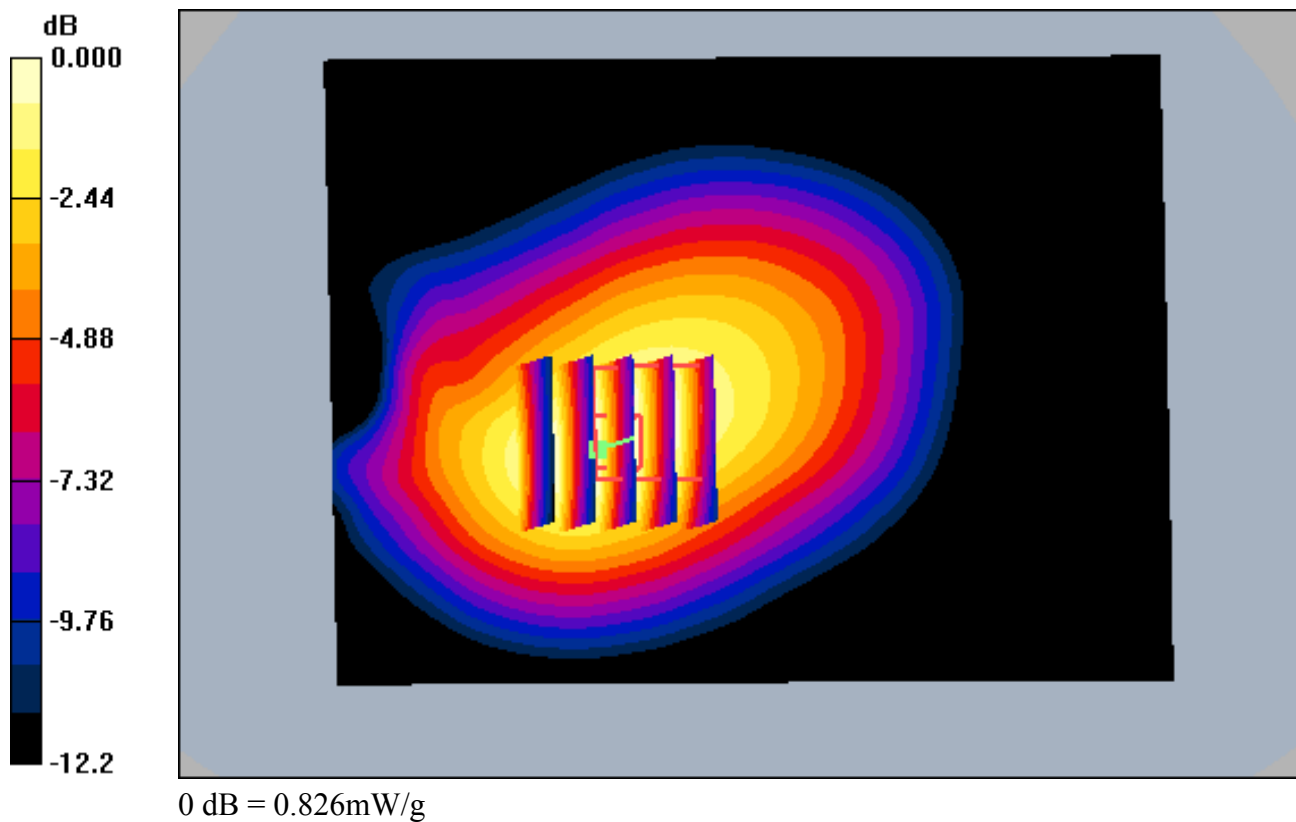
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
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Peak SAR (extrapolated) = 1.09 W/kg
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Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
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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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

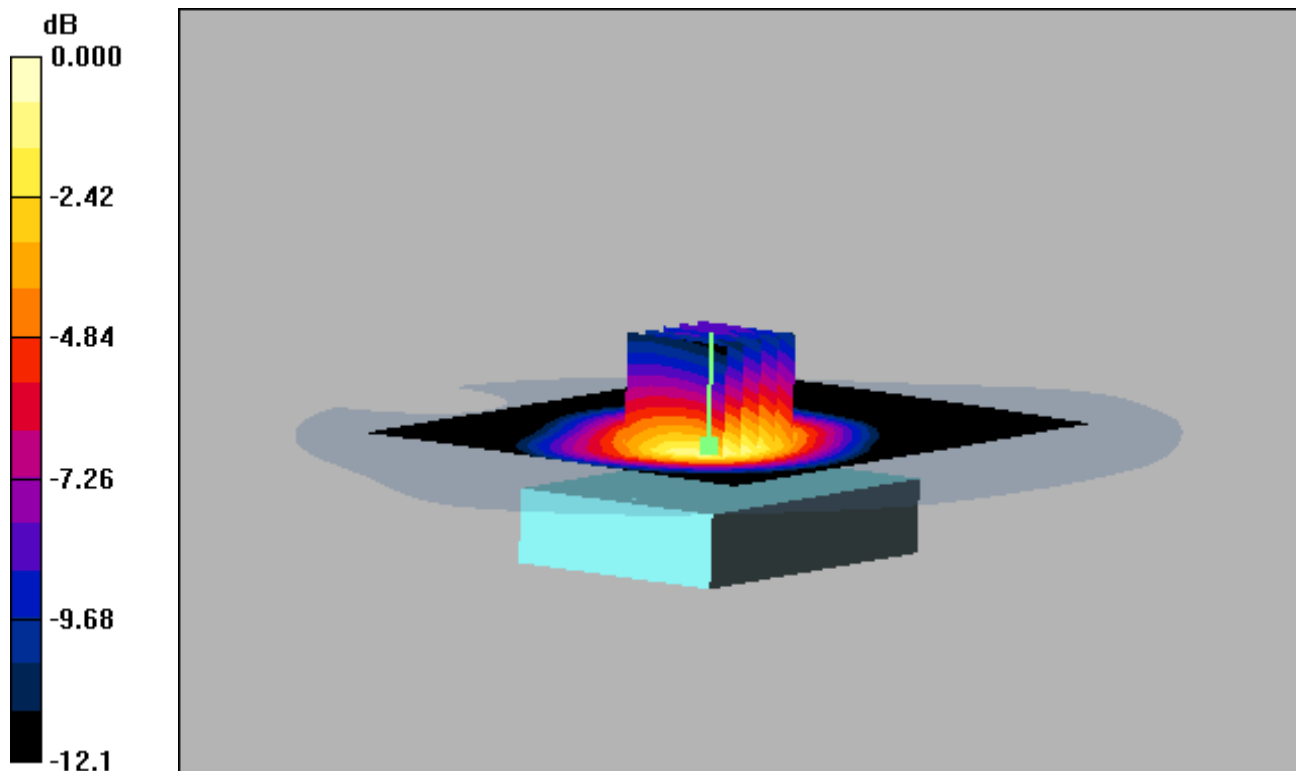
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.007 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.549 W/kg



0 dB = 0.962mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

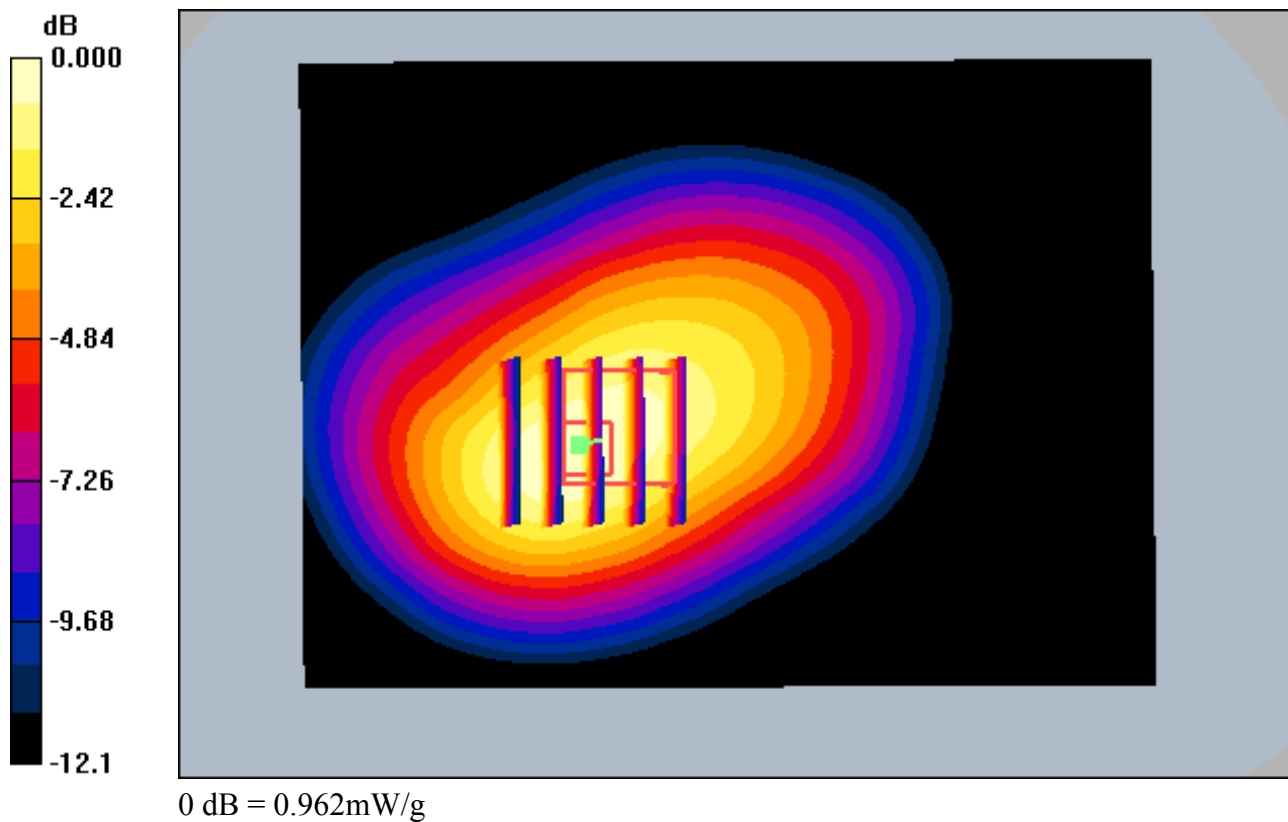
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.007 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.549 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

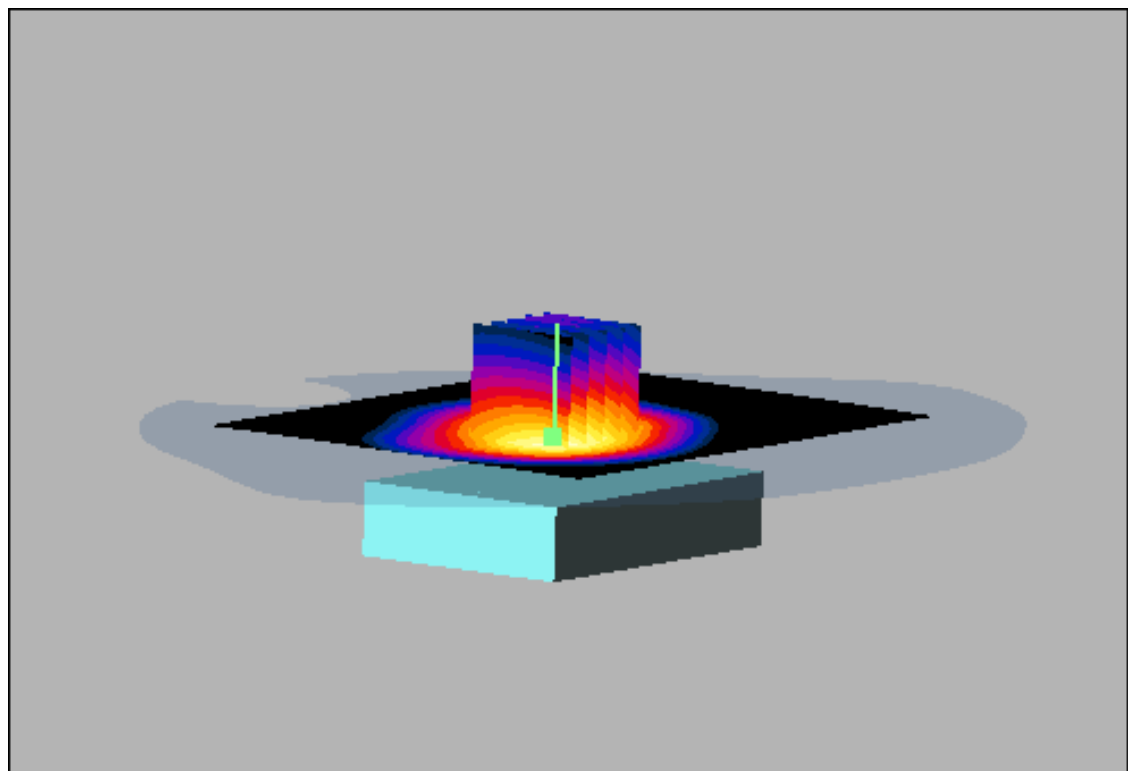
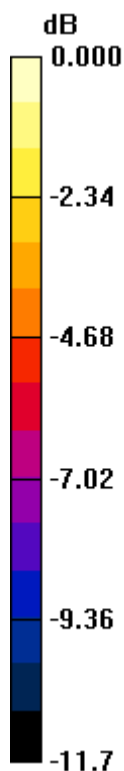
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.452 W/kg



0 dB = 0.781mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

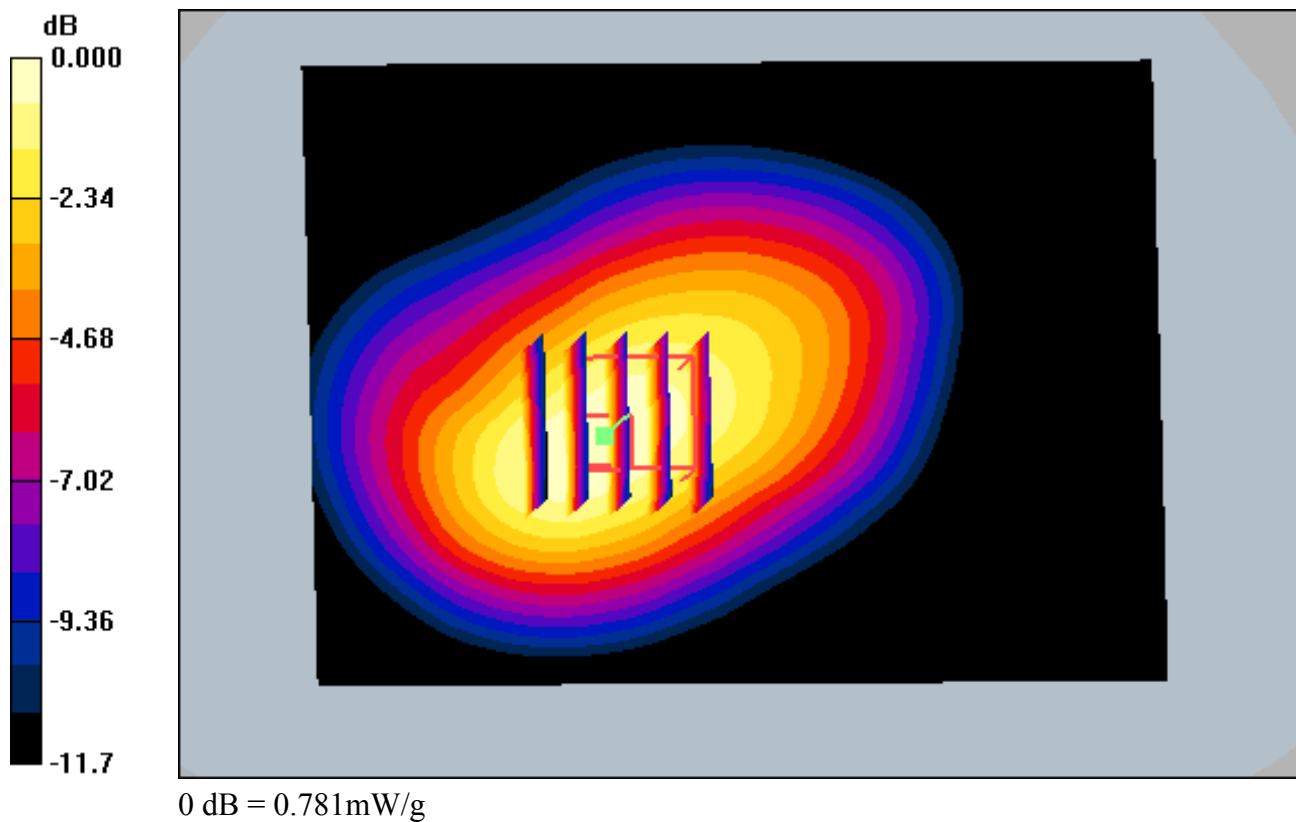
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.026 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.452 W/kg



DIGITAL EMC CO., LTD

DUT: DD1301; Type: Router Device

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

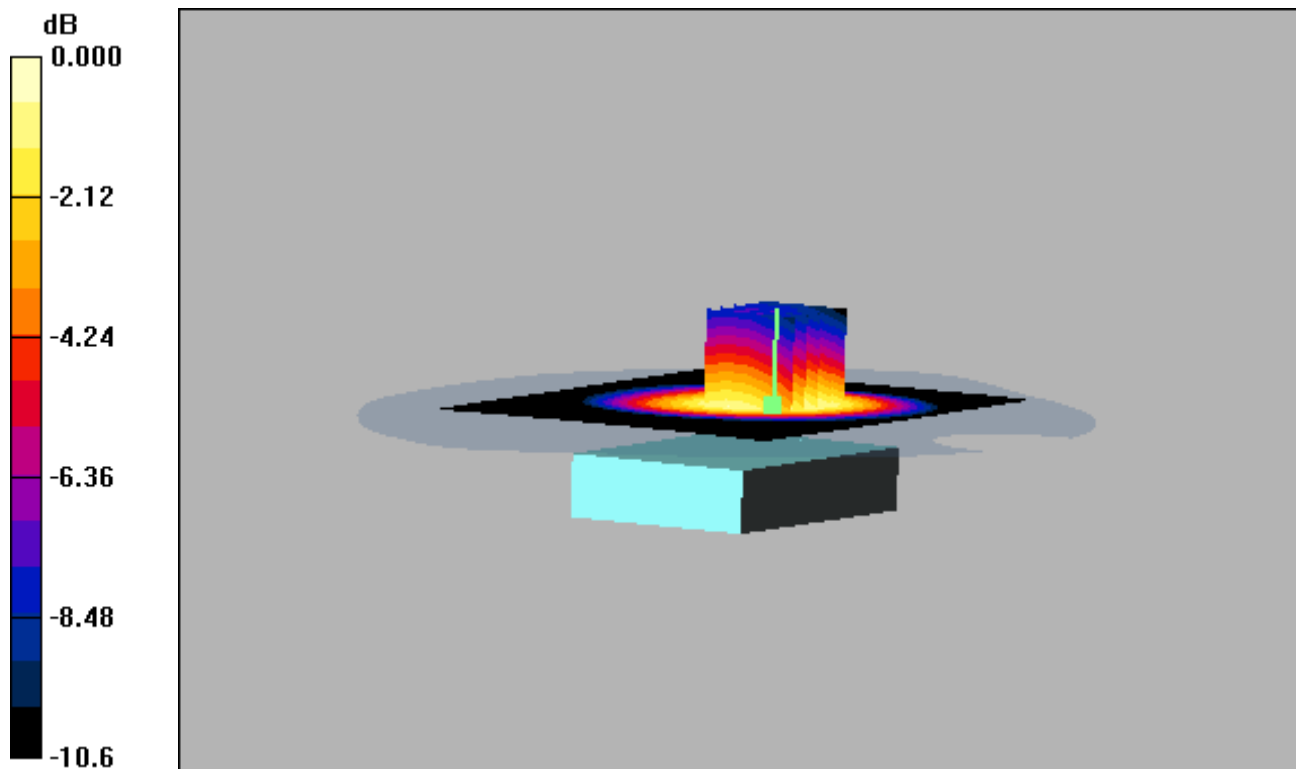
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.046 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.611 W/kg



0 dB = 0.969mW/g

DIGITAL EMC CO., LTD

DUT: DD1301; Type: Router Device

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.977 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

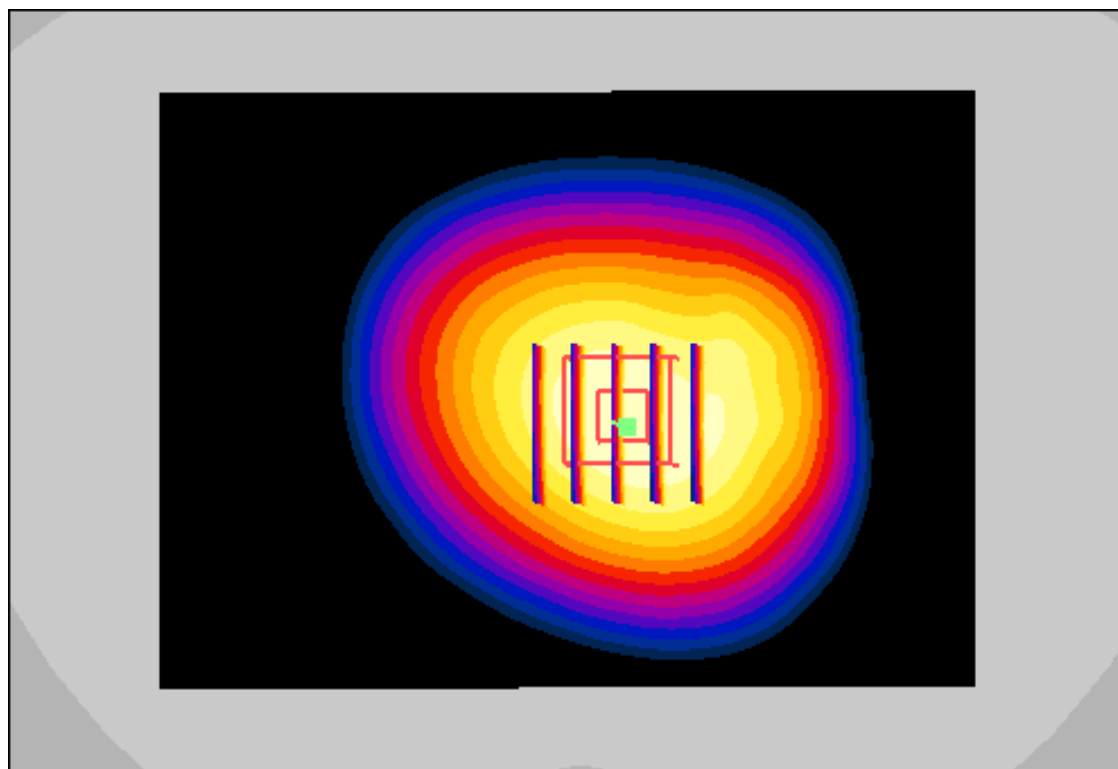
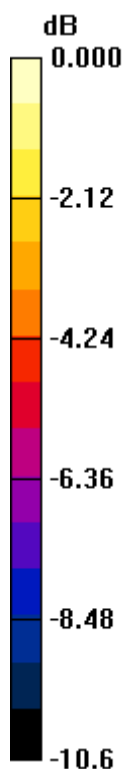
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
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DUT: L-02F; Type: Router Device

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Phantom section: Flat Section

DASY4 Configuration:

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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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

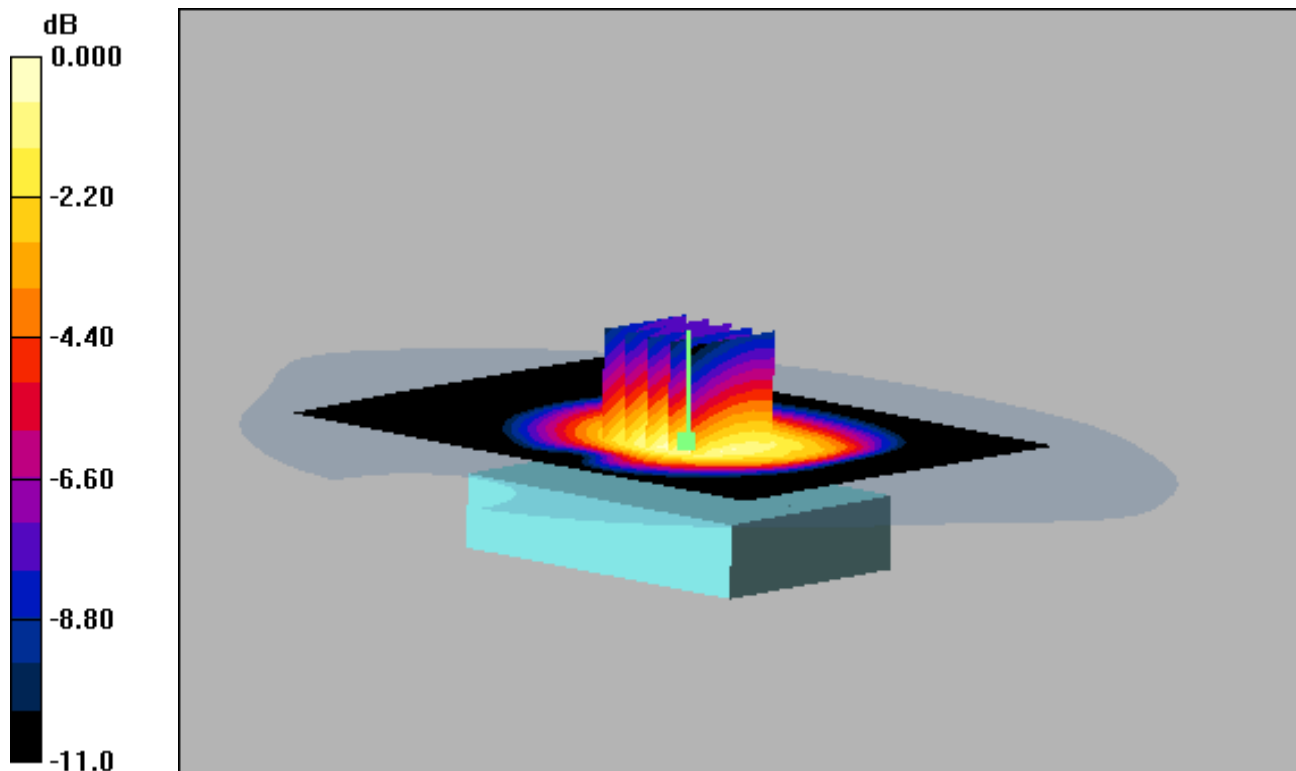
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.144 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.527 W/kg



0 dB = 0.832mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

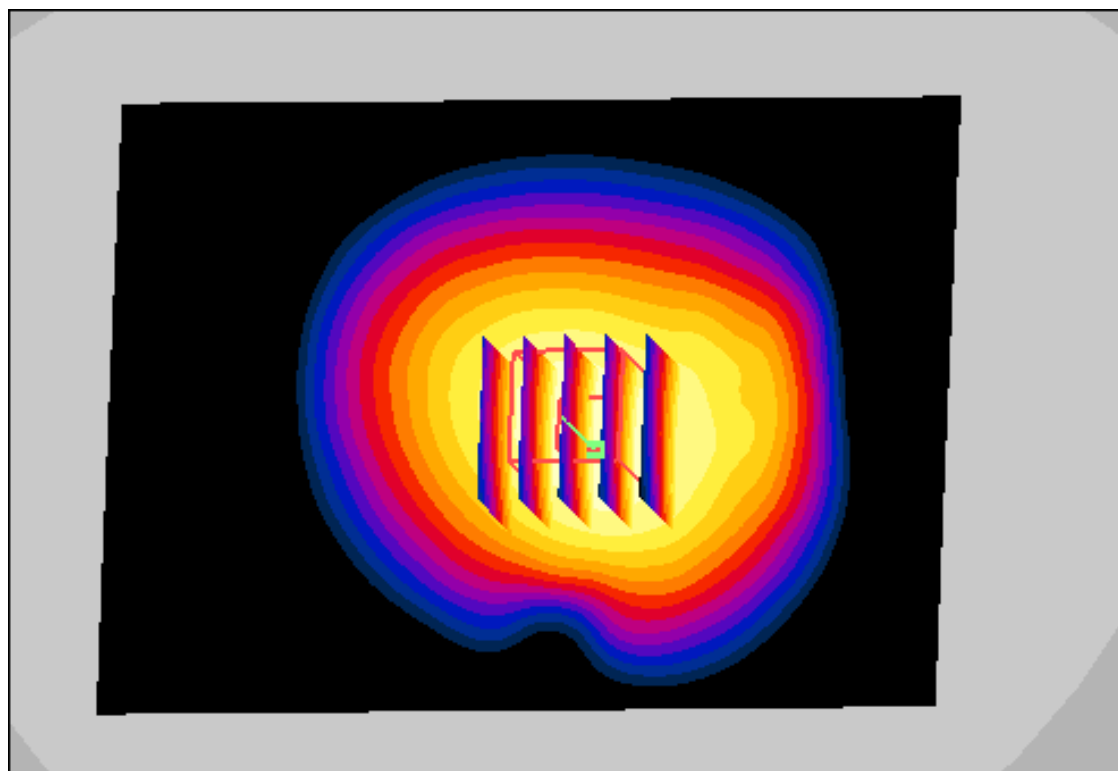
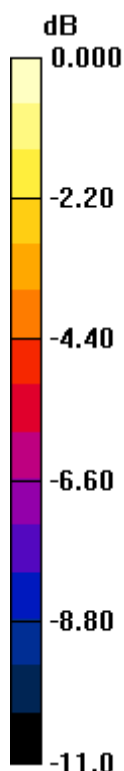
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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DIGITAL EMC CO., LTD

DUT: DD1301; Type: Router Device

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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

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

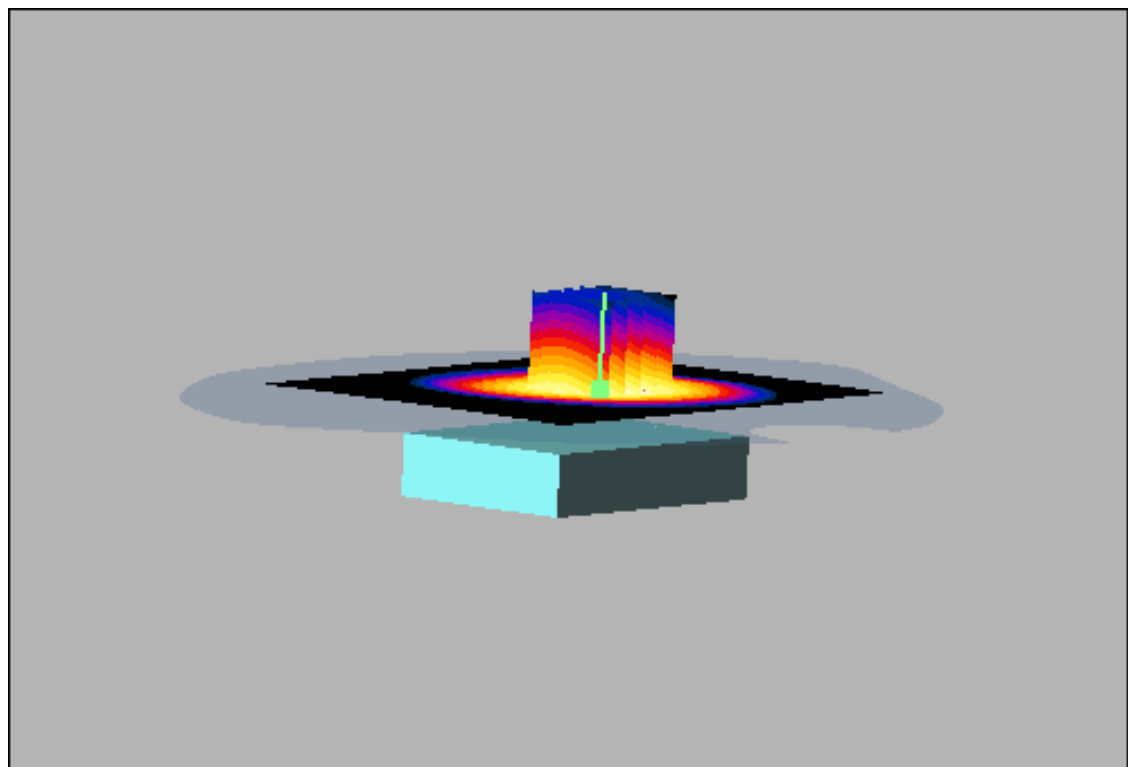
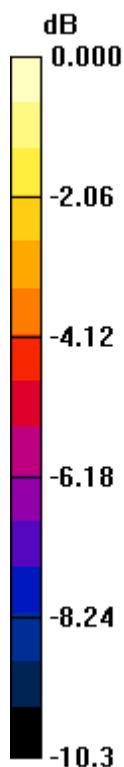
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.900 W/kg

SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.471 W/kg



0 dB = 0.745mW/g

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DUT: DD1301; Type: Router Device

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
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Phantom section: Flat Section

DASY4 Configuration:

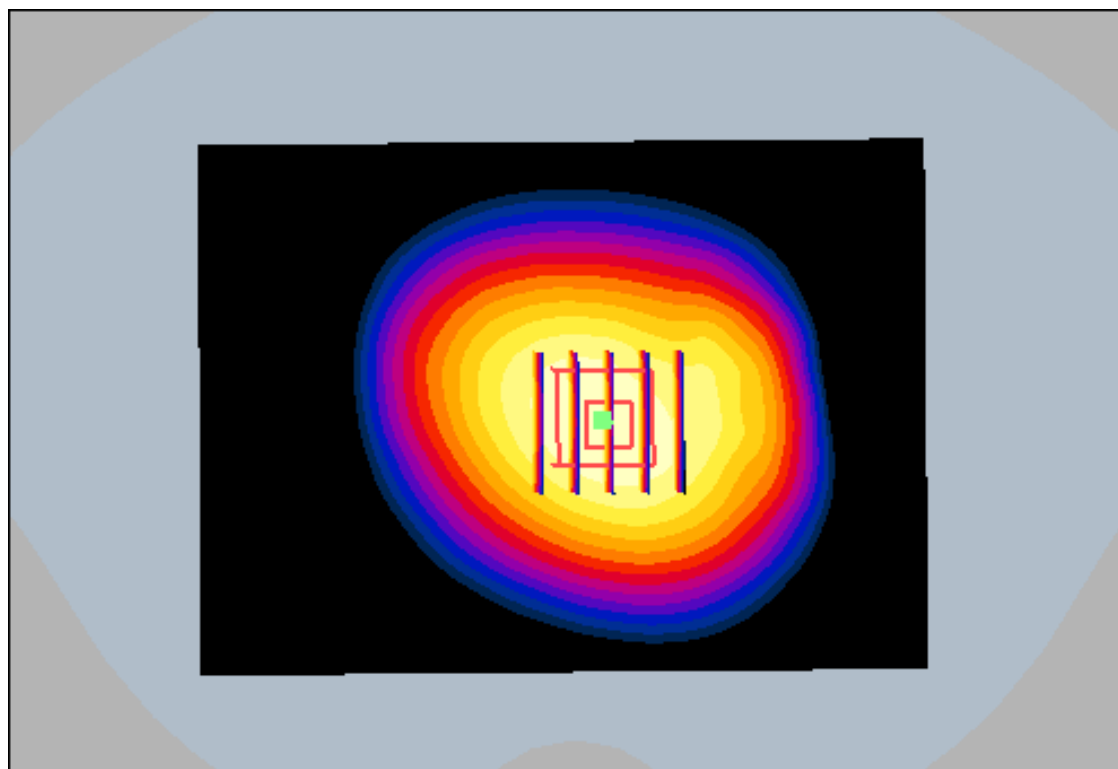
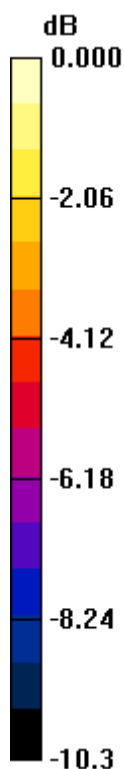
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
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DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.977 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

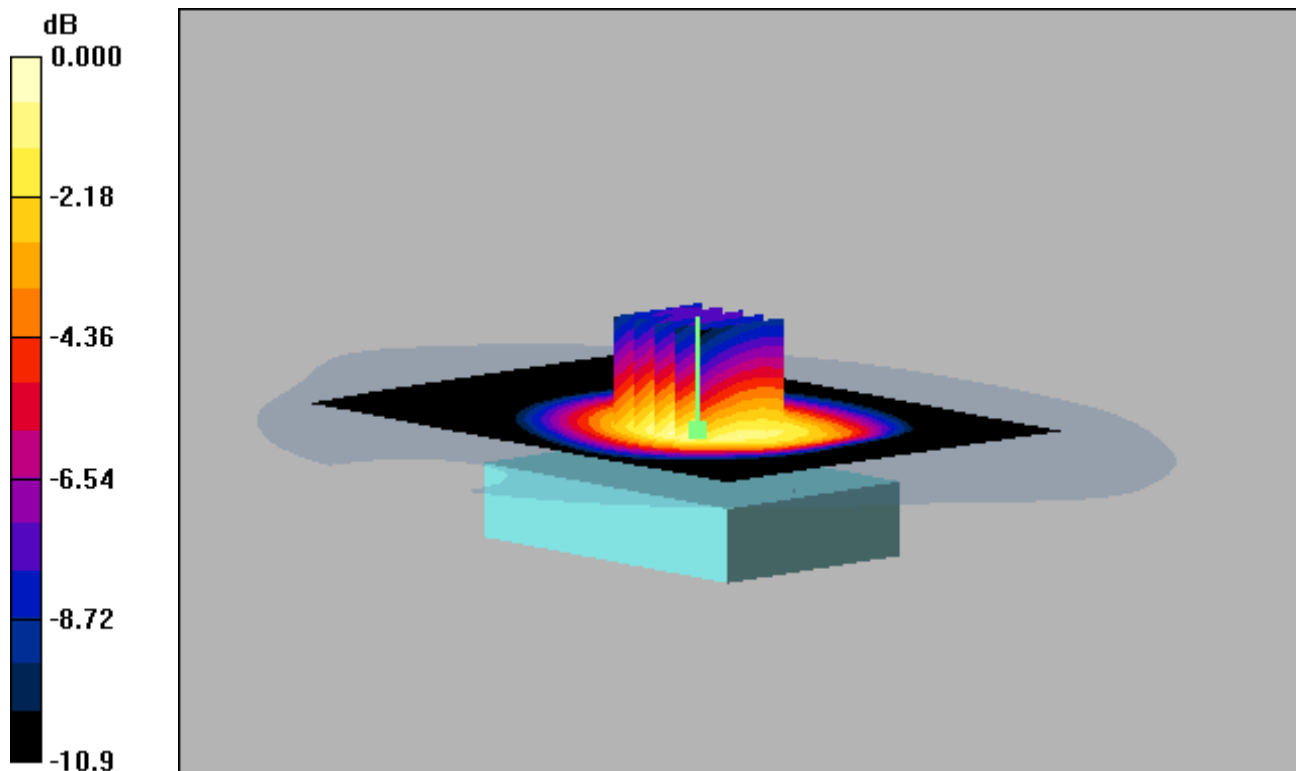
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.675 W/kg



0 dB = 1.07mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

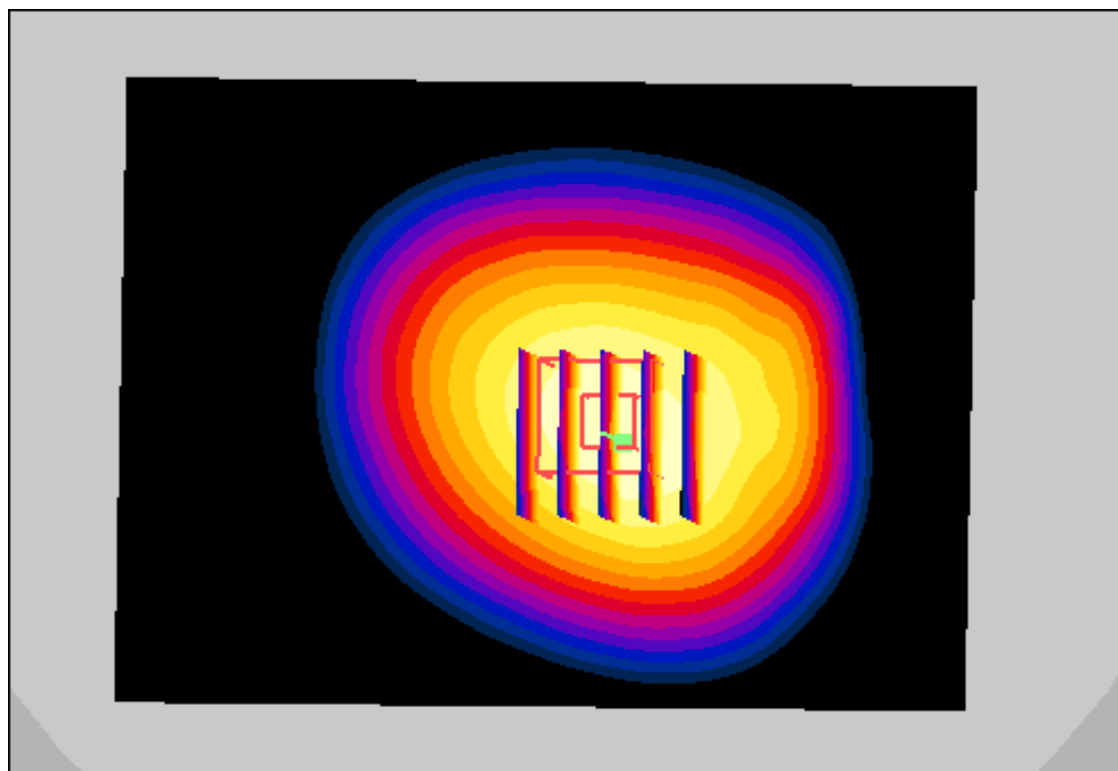
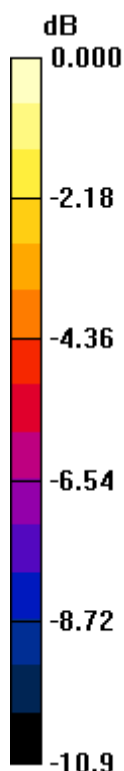
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.001 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.675 W/kg



0 dB = 1.07mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

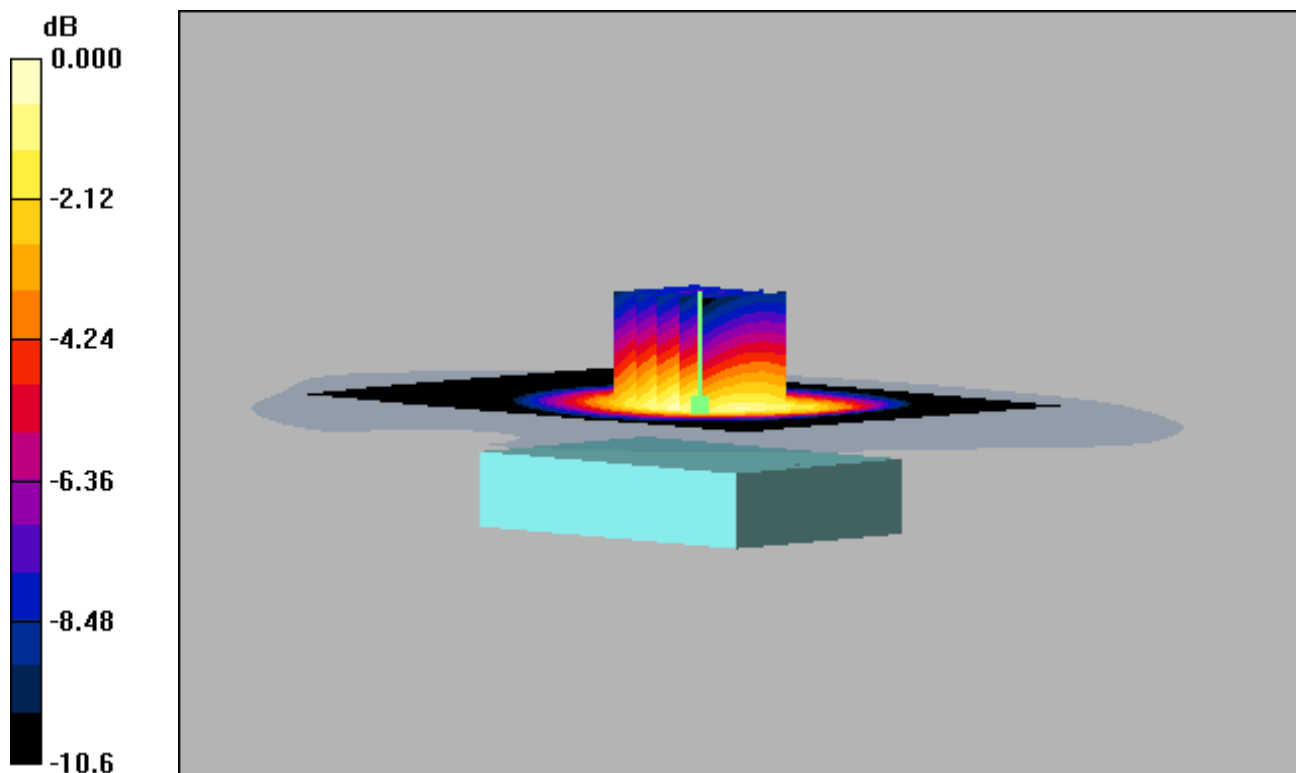
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.072 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.604 W/kg



0 dB = 0.961mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

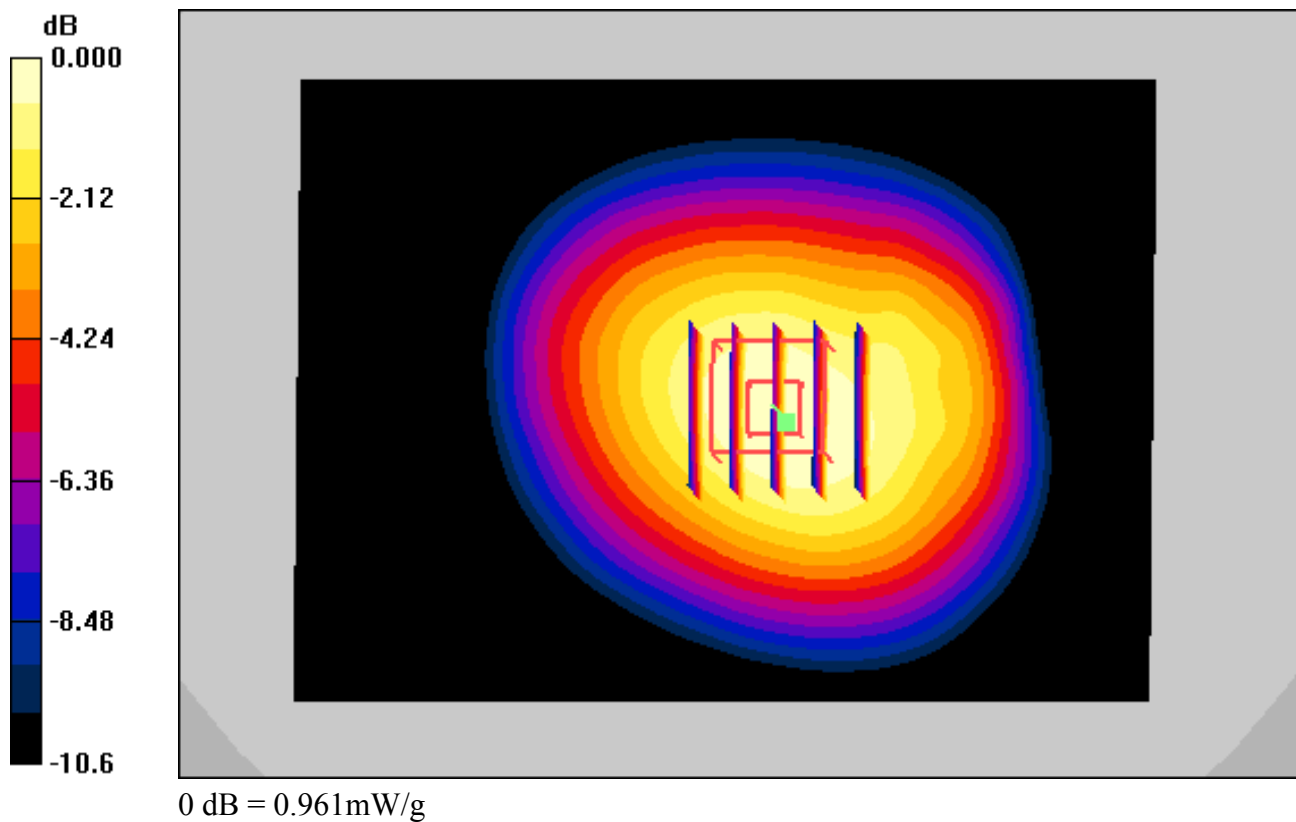
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.072 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.604 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

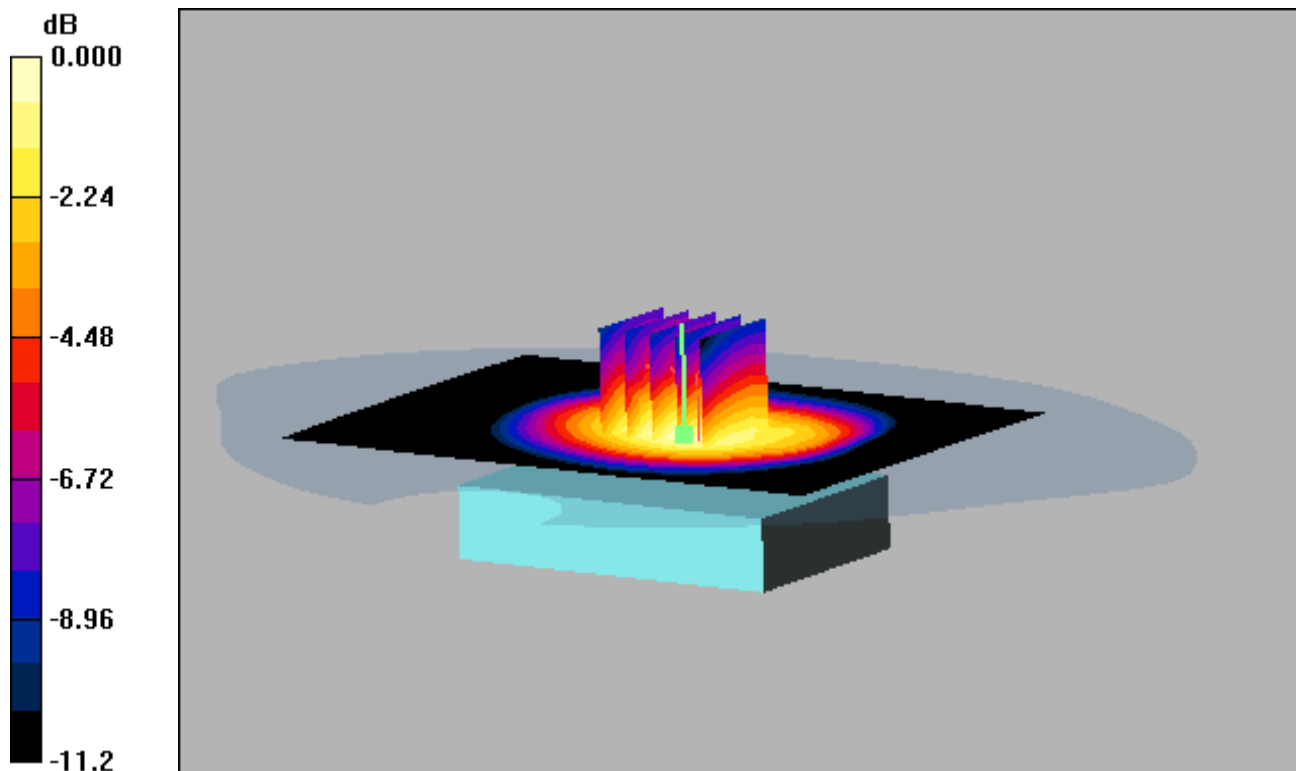
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.984 W/kg

SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.518 W/kg



0 dB = 0.812mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

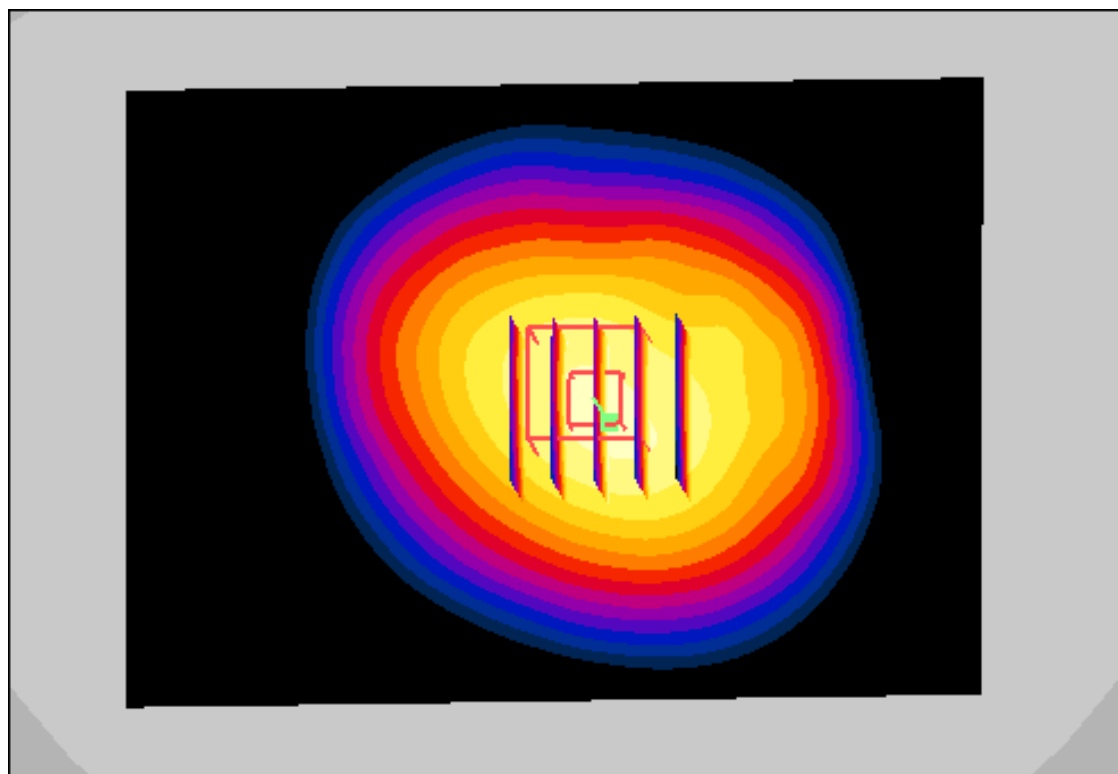
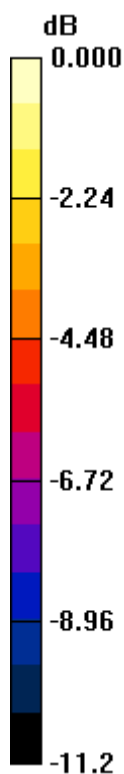
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.984 W/kg
SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.518 W/kg



0 dB = 0.812mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

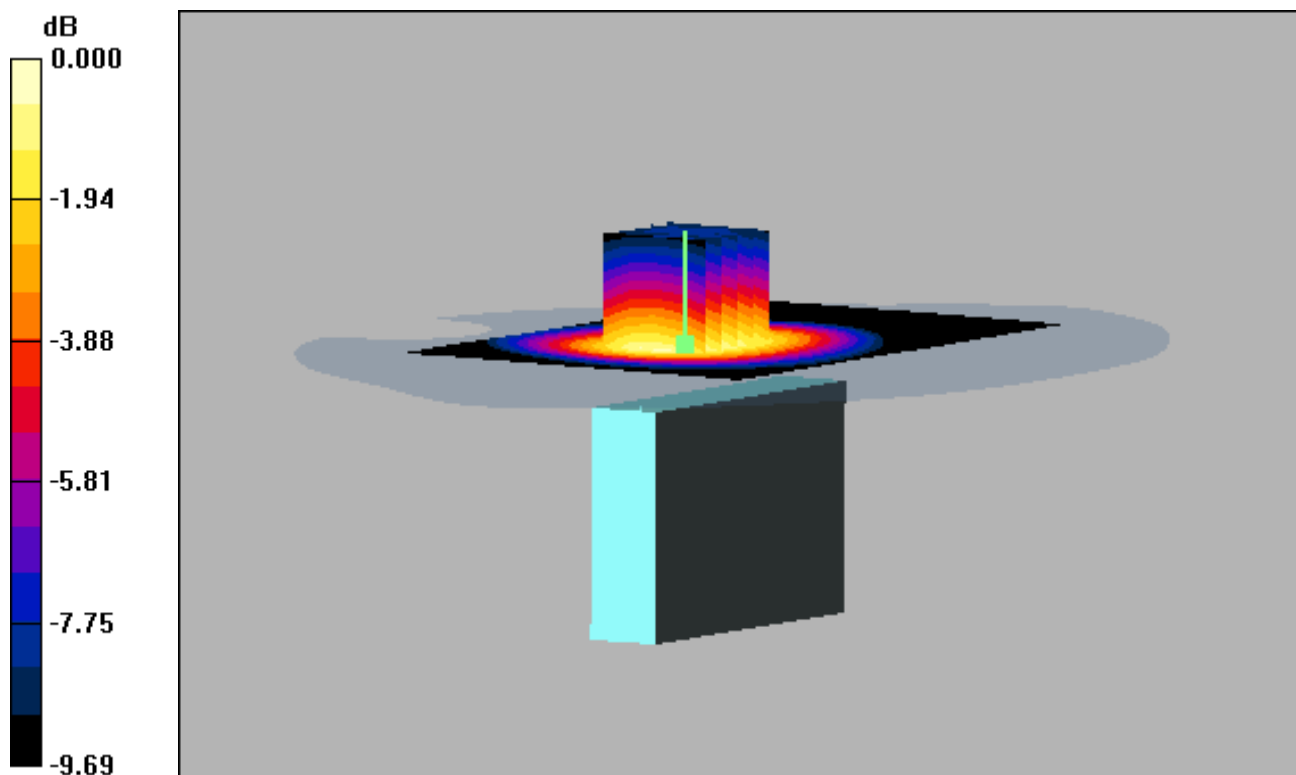
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.014 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.325 W/kg



0 dB = 0.525mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

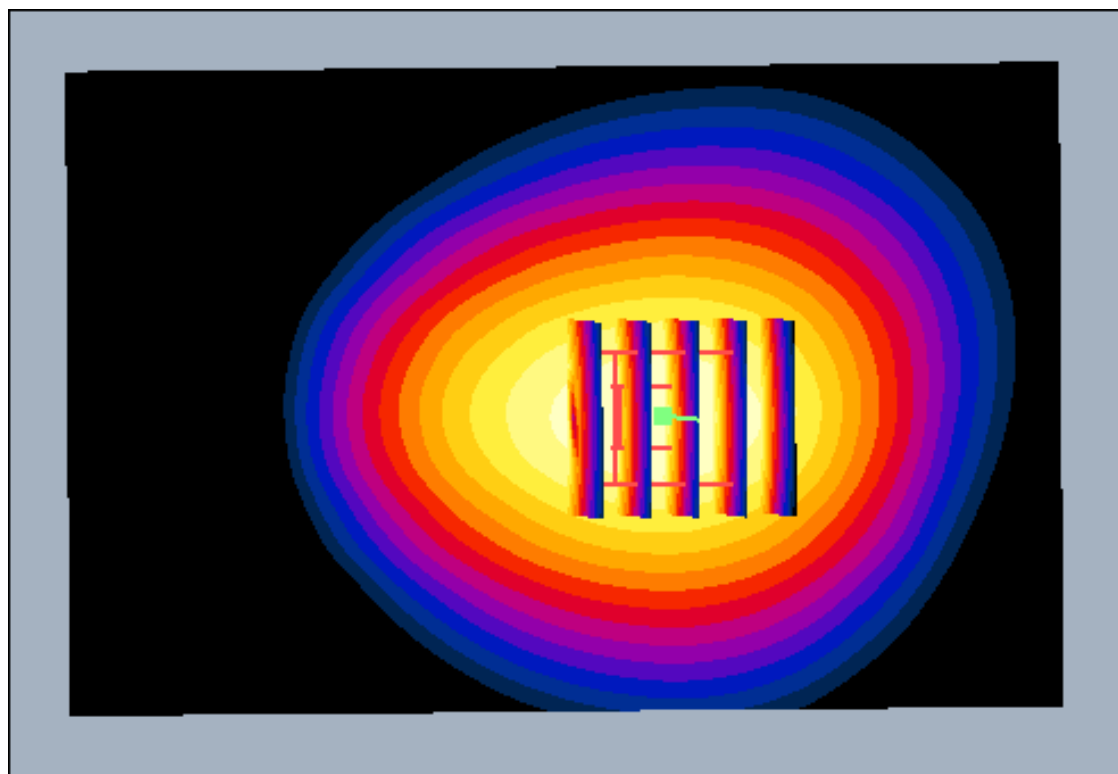
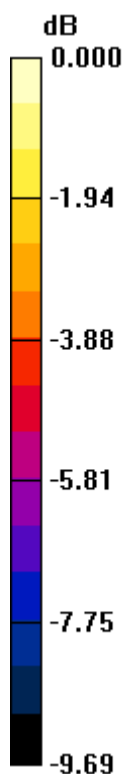
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.014 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.325 W/kg



0 dB = 0.525 W/kg

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

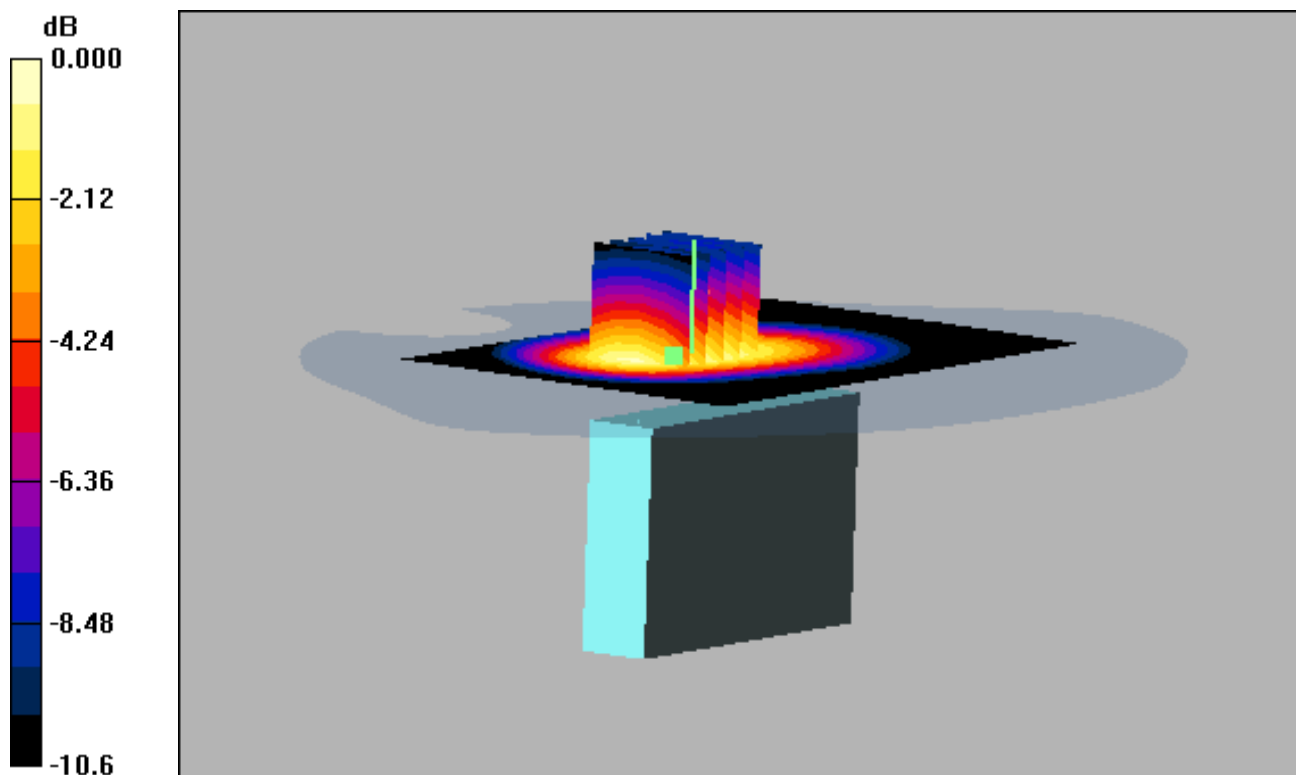
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.356 W/kg



0 dB = 0.603mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

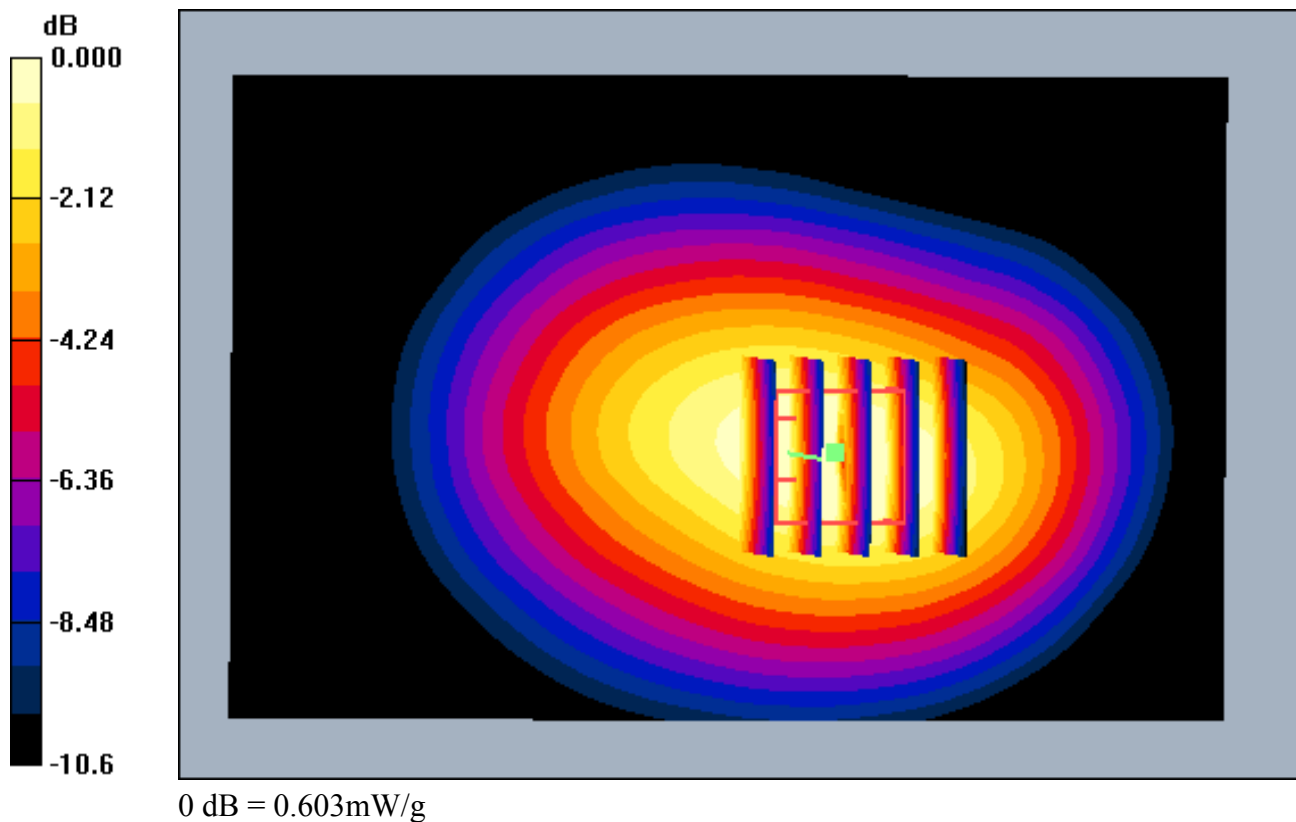
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (71x111x1): 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 = -0.011 dB
Peak SAR (extrapolated) = 0.996 W/kg
SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.356 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.977 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

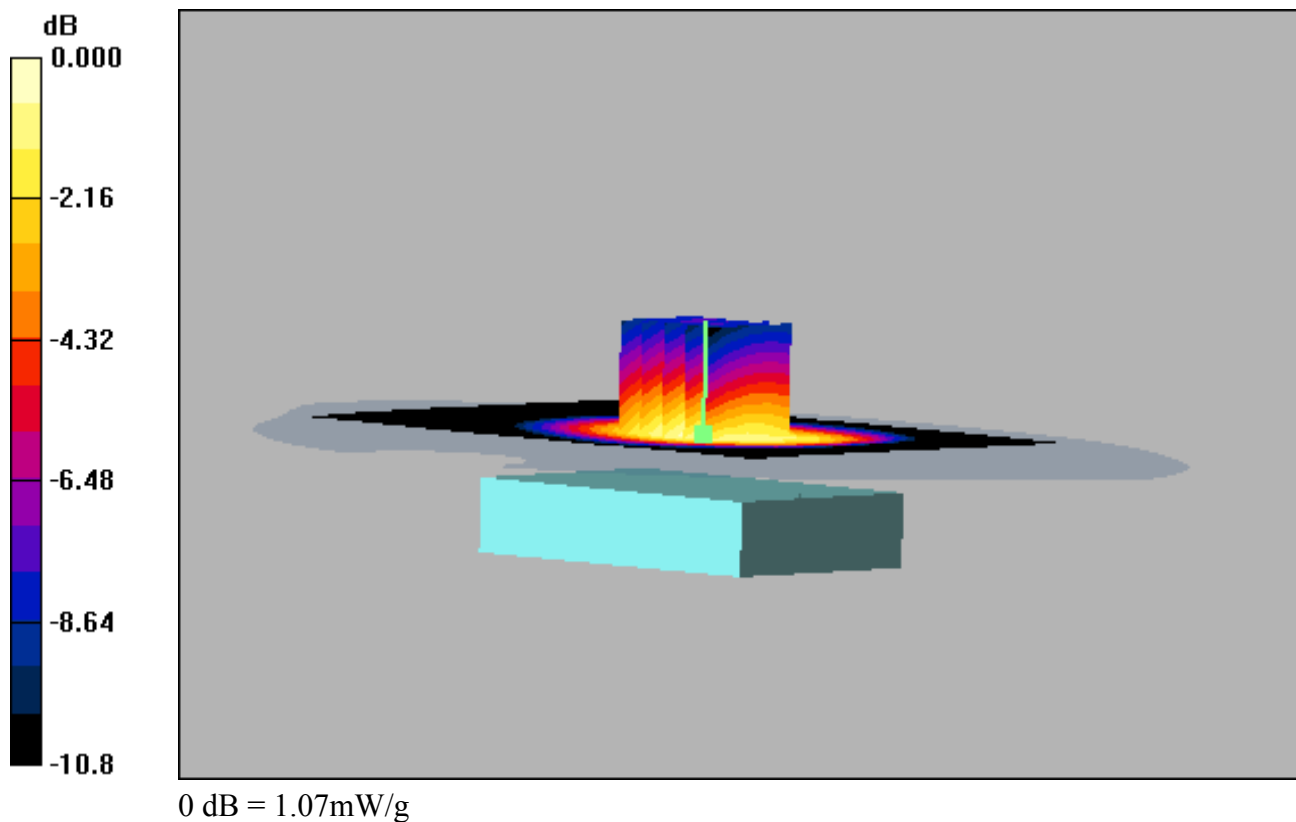
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

SAR Variability Result

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.017 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.647 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.977 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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

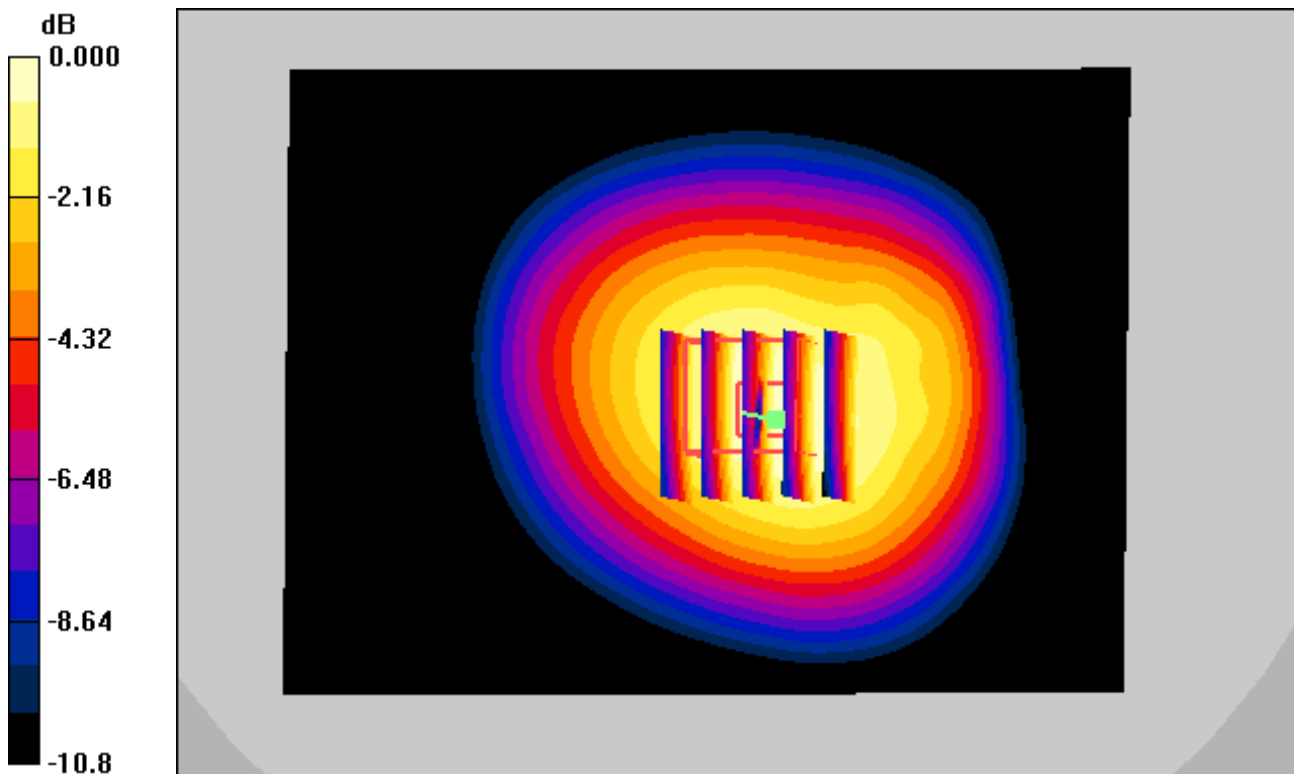
Test Date: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

SAR Variability Result,

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.017 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.647 W/kg



0 dB = 1.07mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-05; Ambient Temp: 22.0; Tissue Temp: 22.7

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

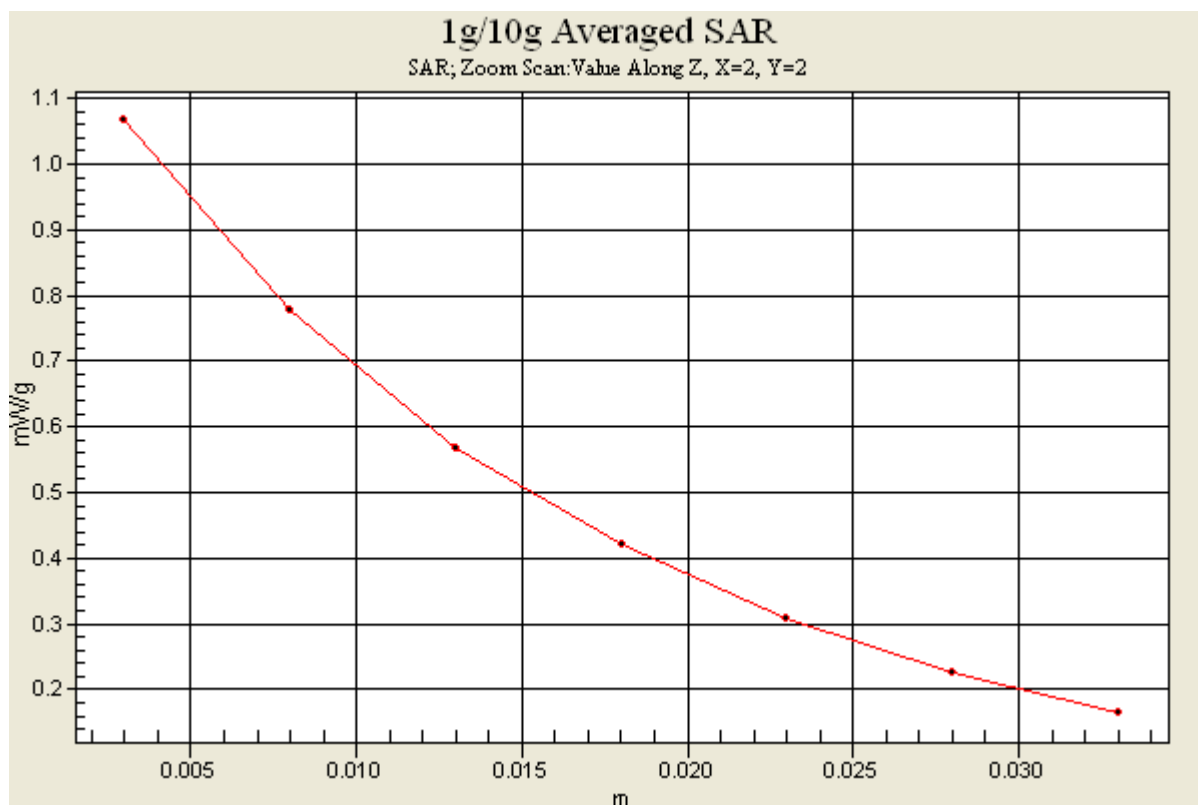
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.675 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

1 cm space from Body, Top, PCS1900 GPRS 2 Tx Ch. 512, Ant Internal

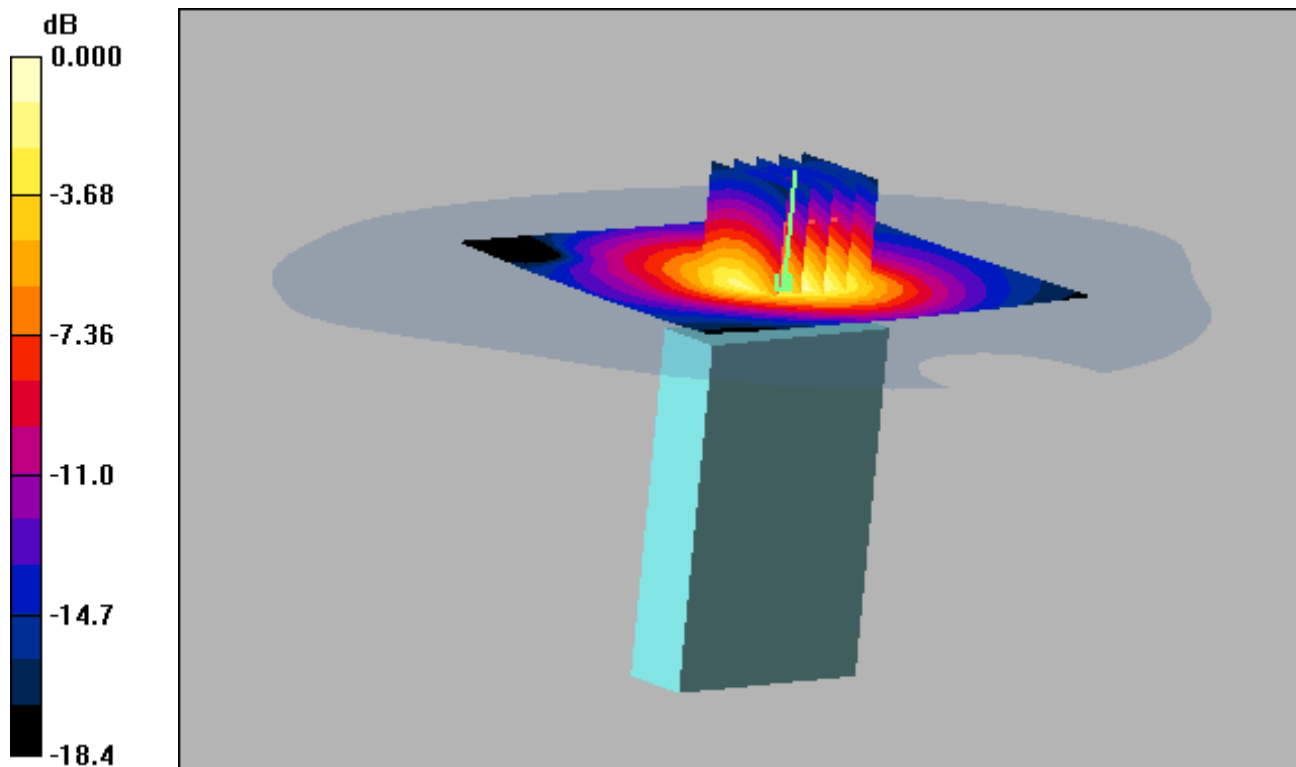
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.068 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.402 W/kg



0 dB = 0.905mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

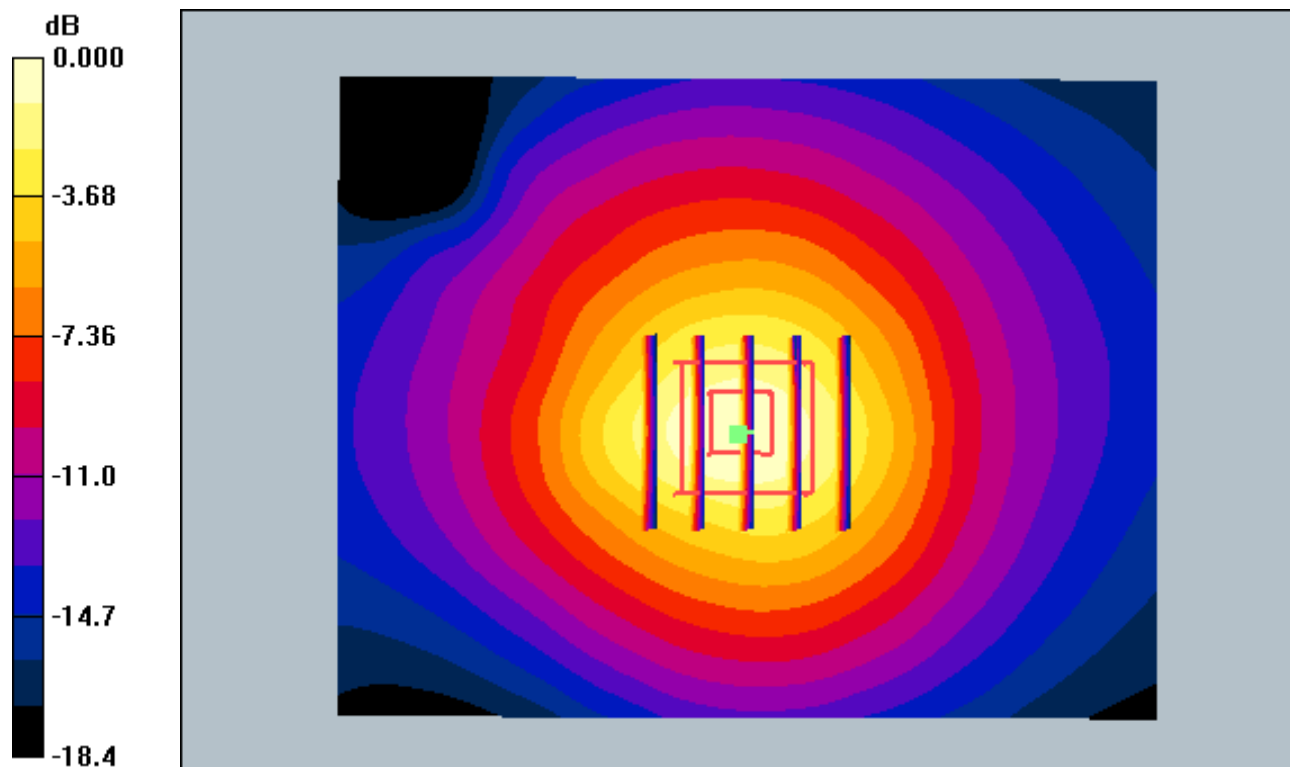
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

1 cm space from Body, Top, PCS1900 GPRS 2 Tx Ch. 512, Ant Internal

With Enlarge plot image

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.068 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.402 W/kg



0 dB = 0.905mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

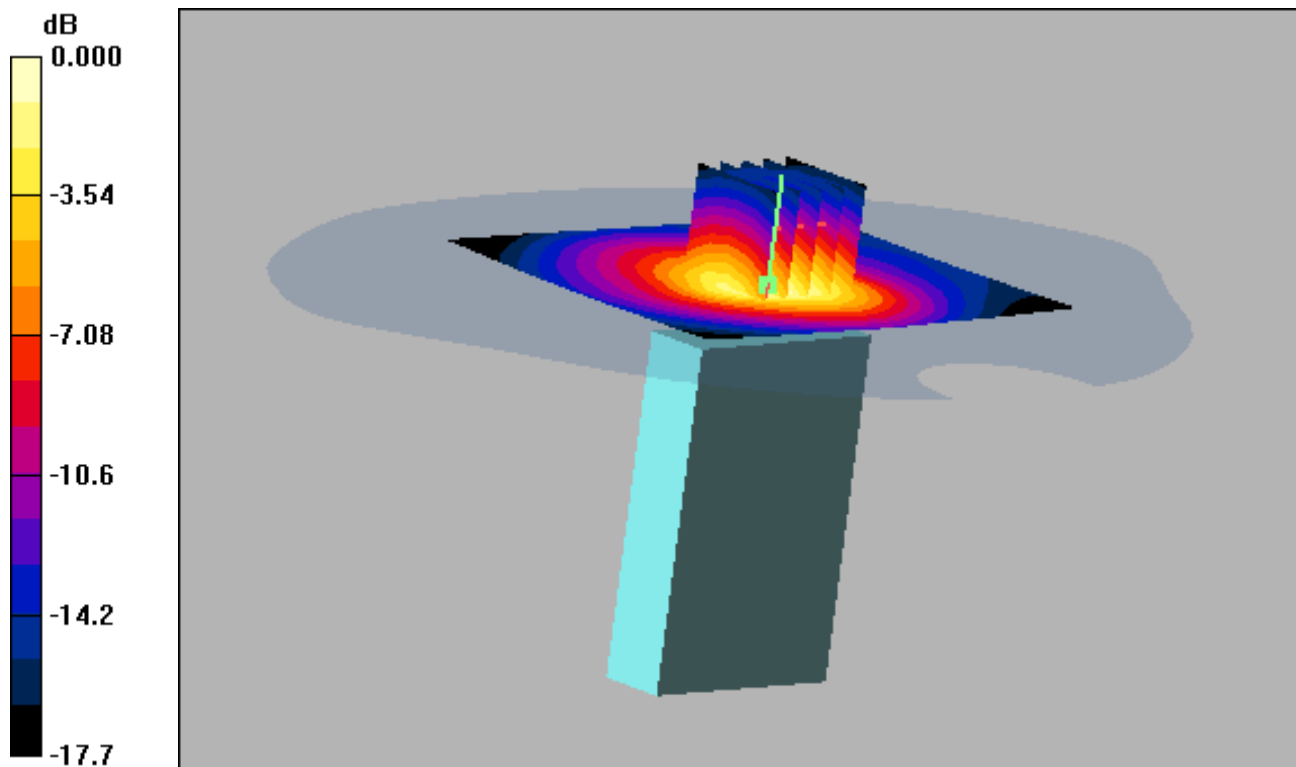
Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.441 W/kg



0 dB = 1.01mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

With Enlarge plot image

Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

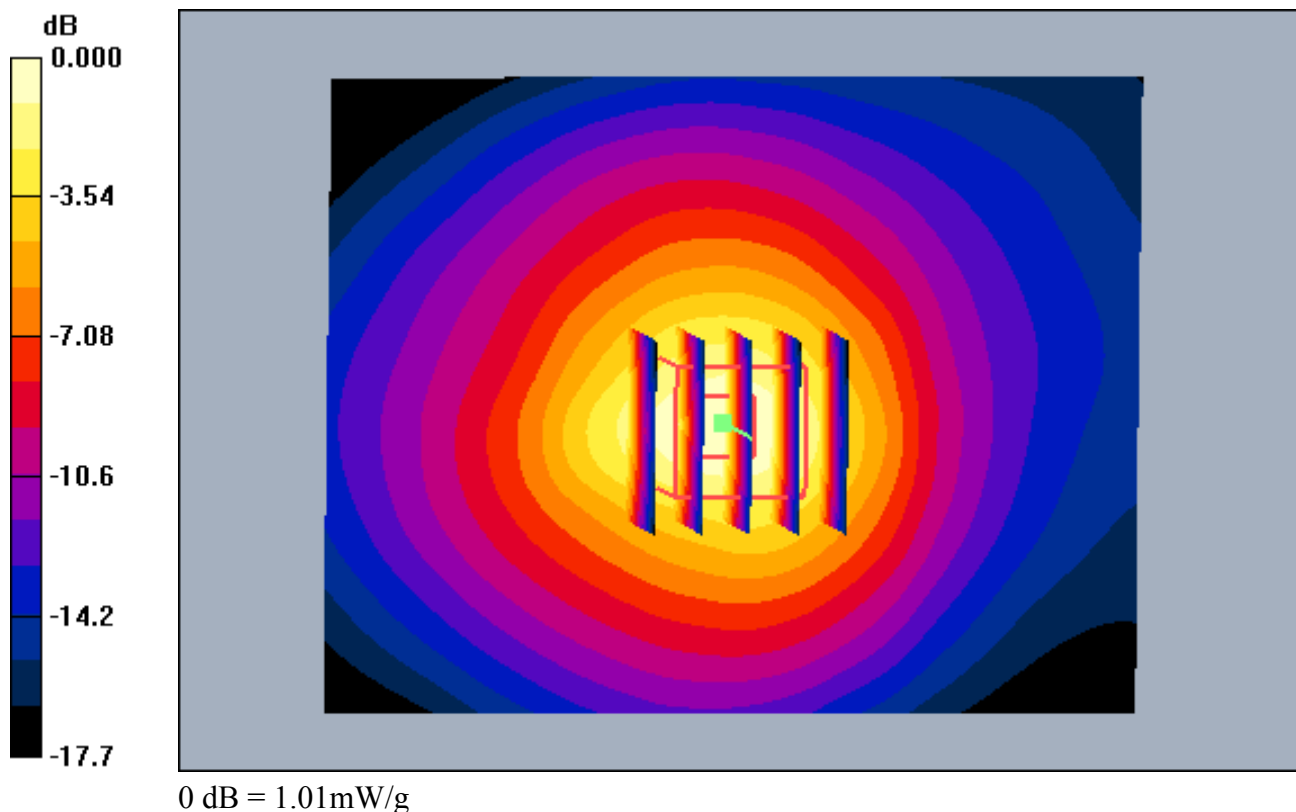
Maximum value of SAR (interpolated) = 0.997 mW/g

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

Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.805 W/kg ; SAR(10 g) = 0.441 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

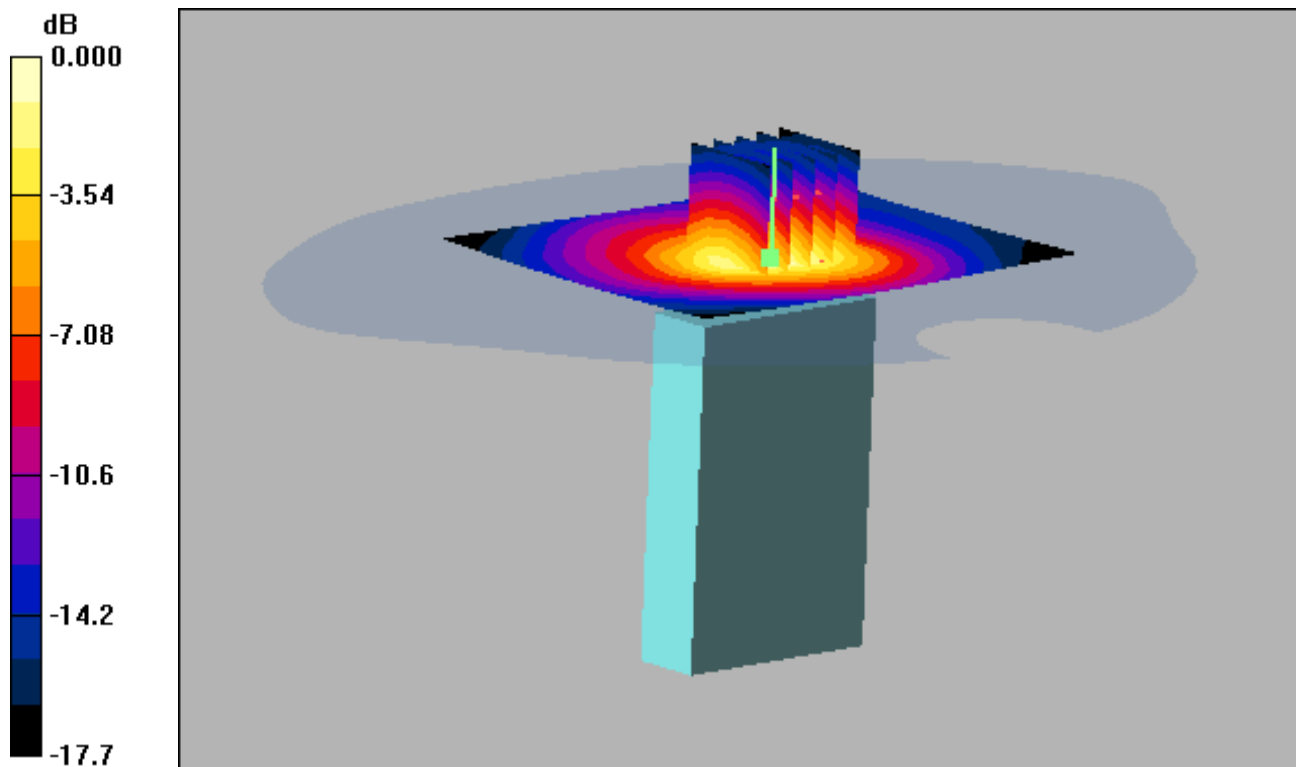
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.528 W/kg



0 dB = 1.20mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

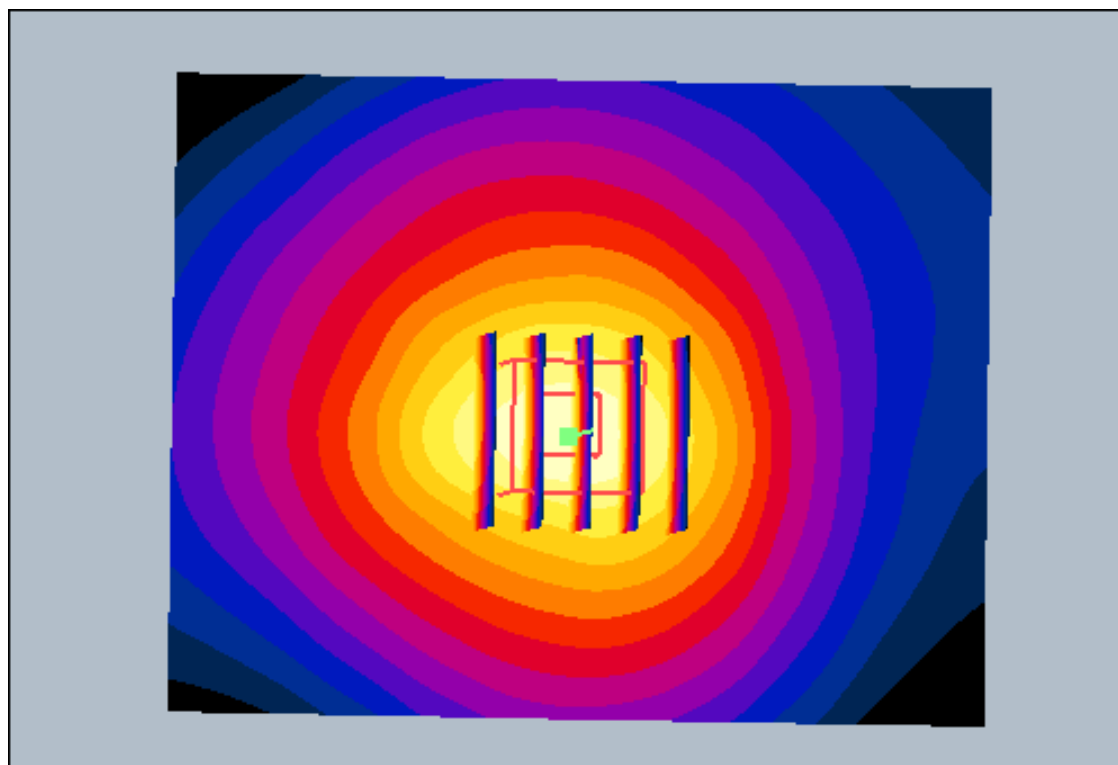
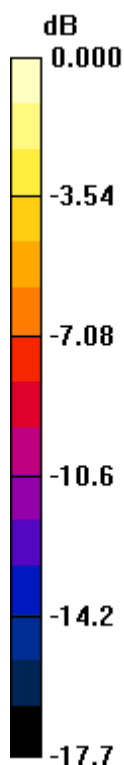
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

With Enlarge plot image

Area Scan (71x91x1): 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 = -0.033 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.528 W/kg



0 dB = 1.20mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

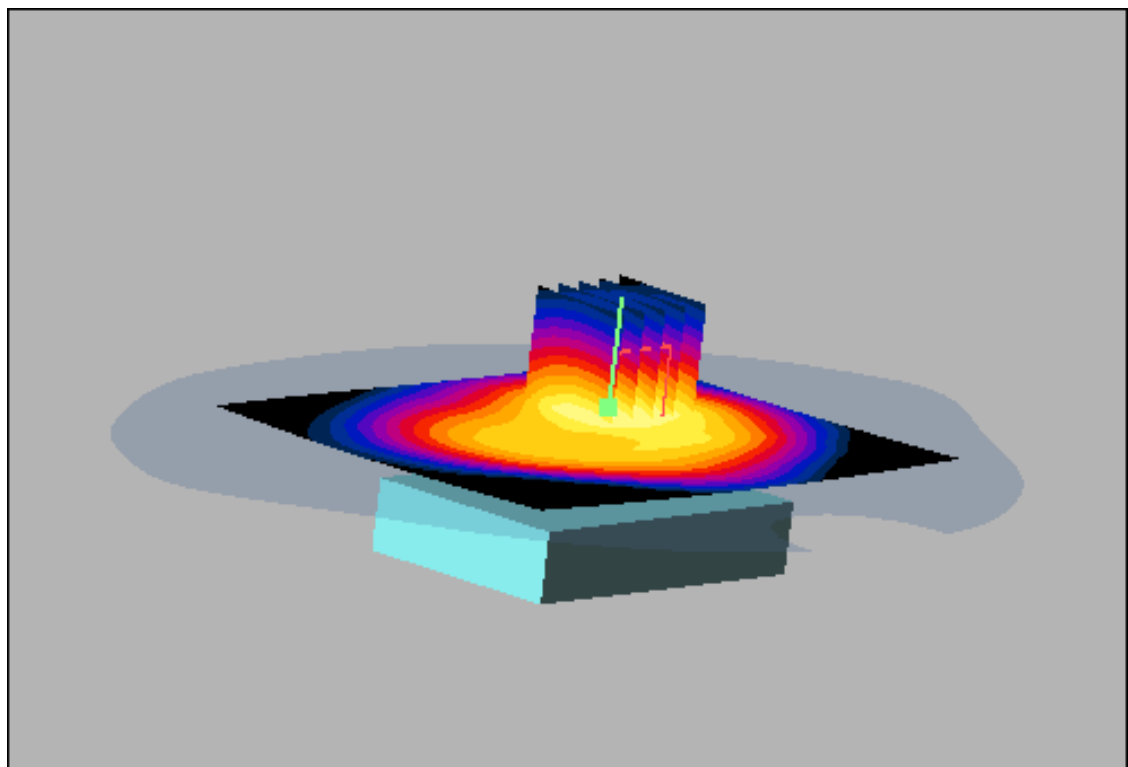
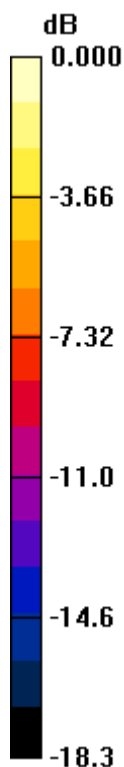
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.092 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.336 W/kg



0 dB = 0.798mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

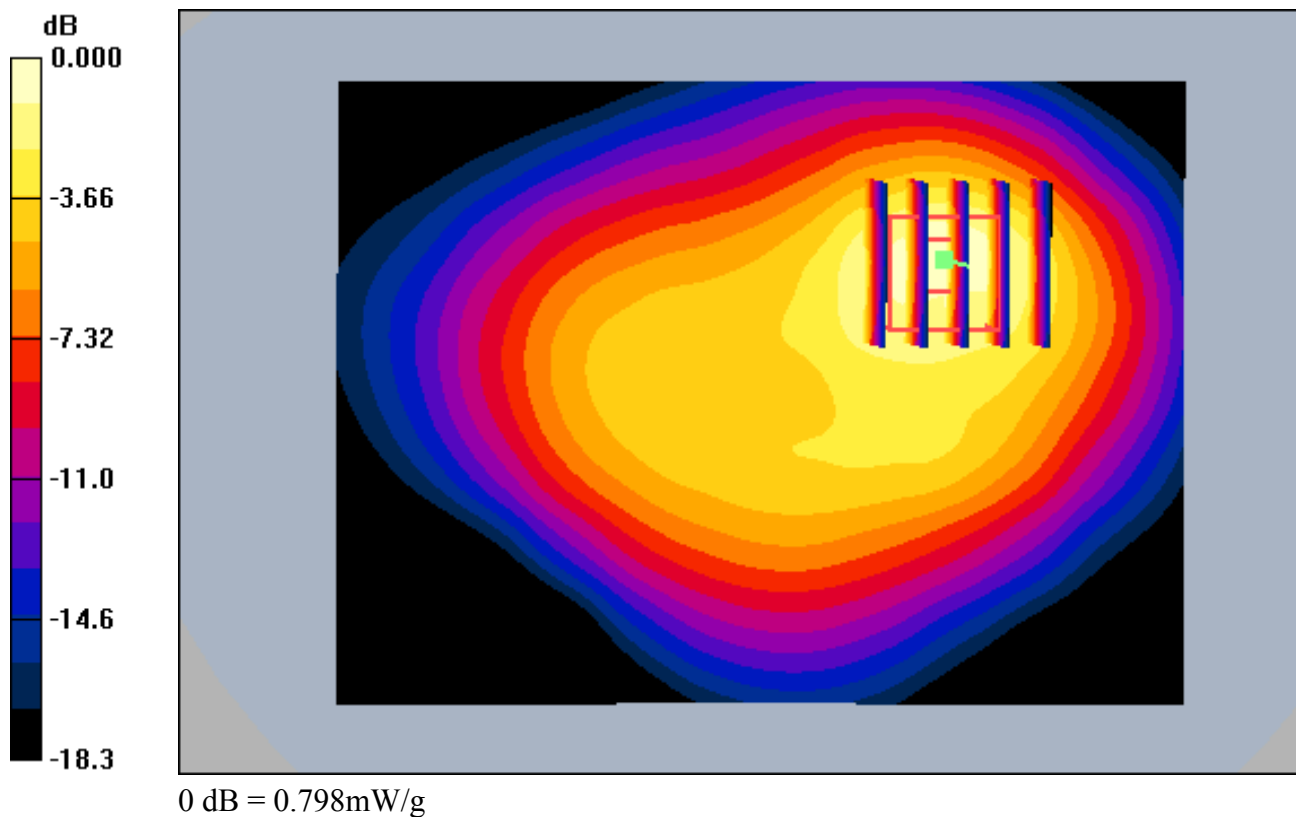
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.092 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.336 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

1 cm space from Body, Front, PCS1900 GPRS 2 Tx Ch. 512, Ant Internal

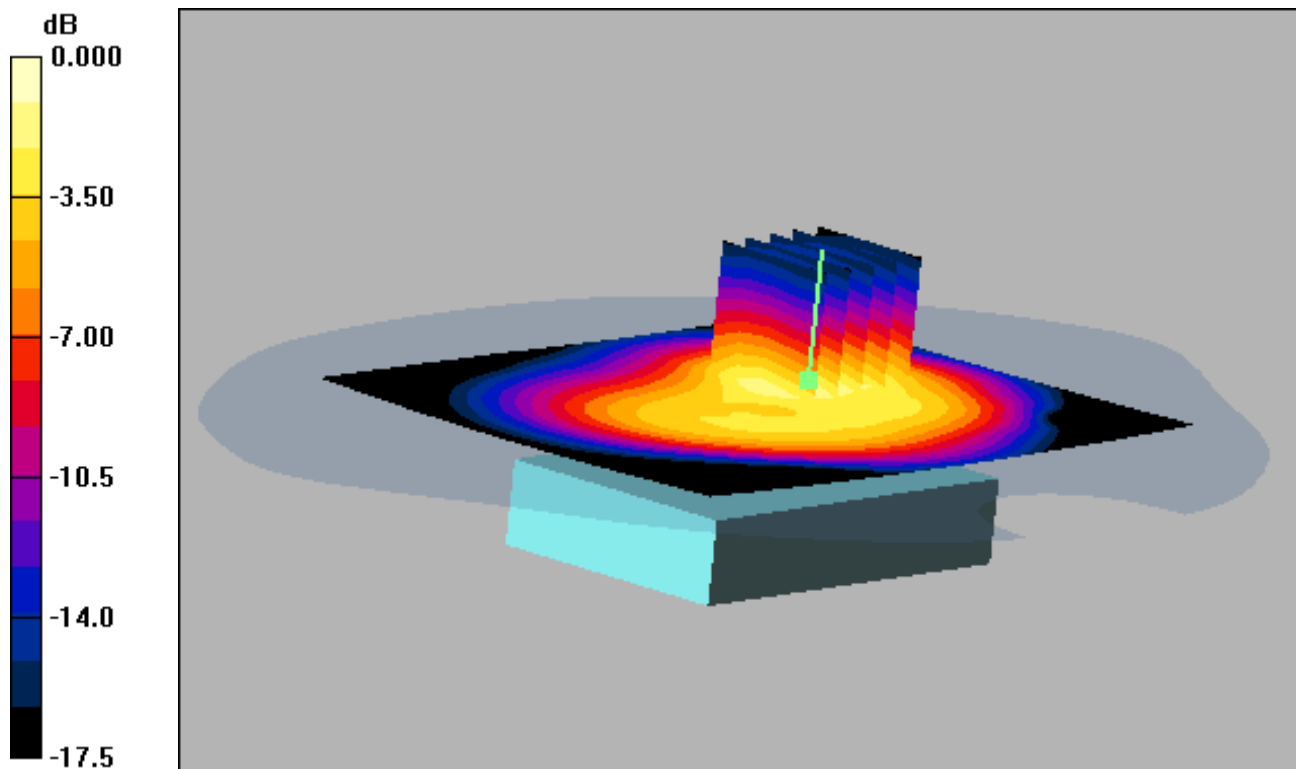
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.050 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.439 W/kg



0 dB = 1.01mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

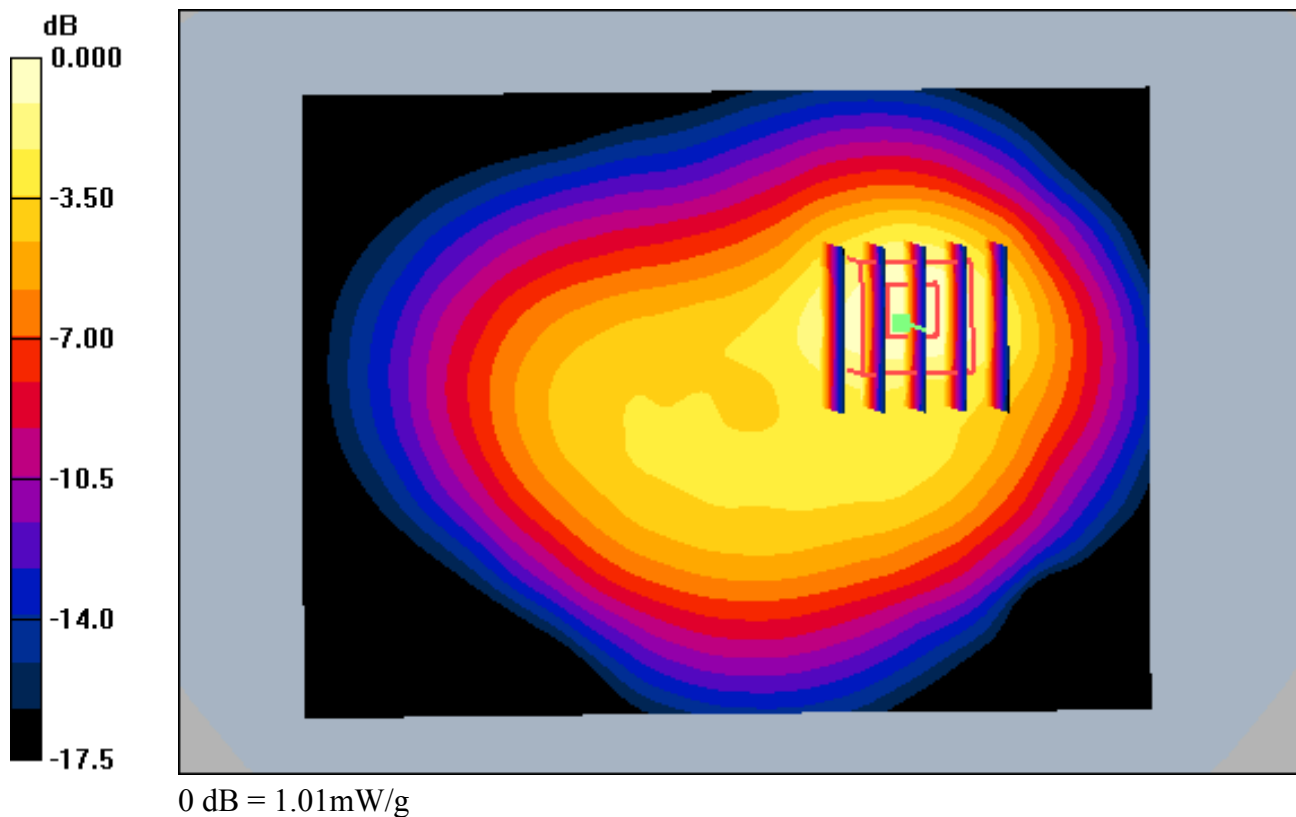
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

1 cm space from Body, Front, PCS1900 GPRS 2 Tx Ch. 512, Ant Internal

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.050 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.439 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

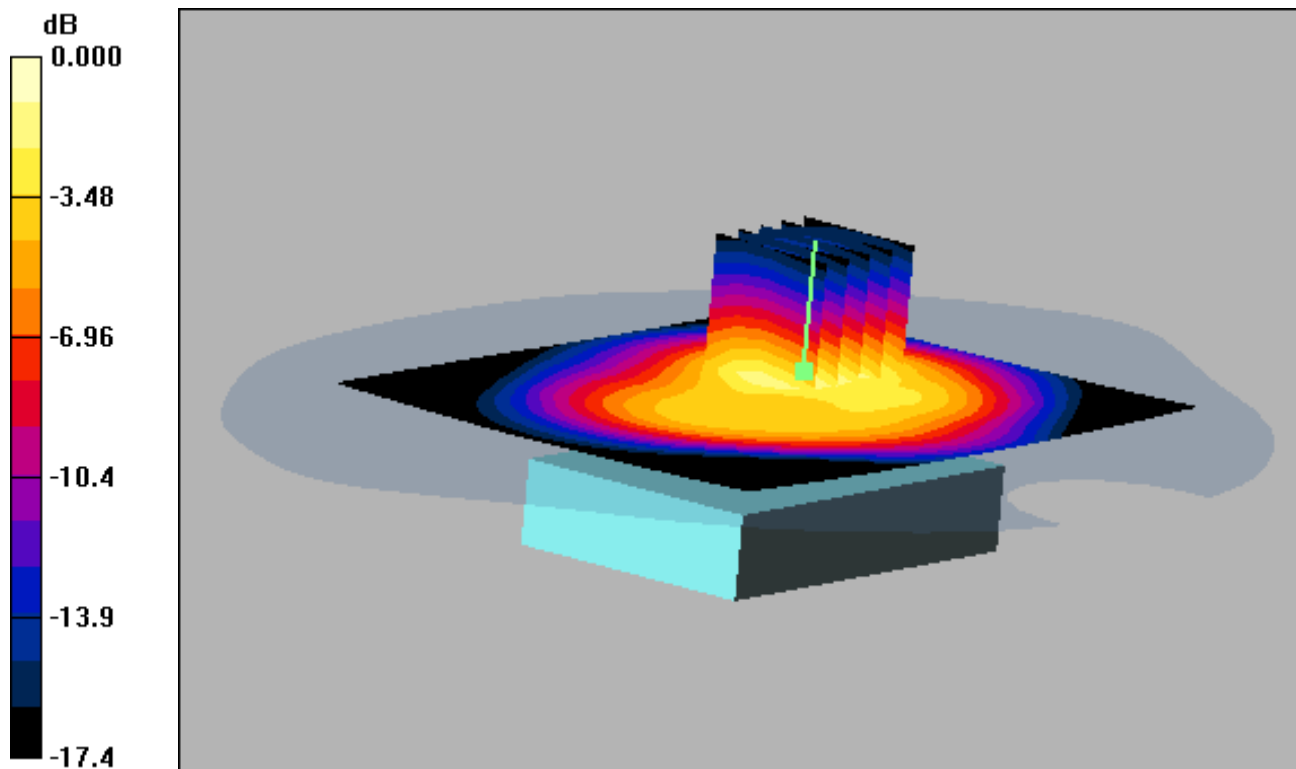
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.466 W/kg



0 dB = 1.10mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

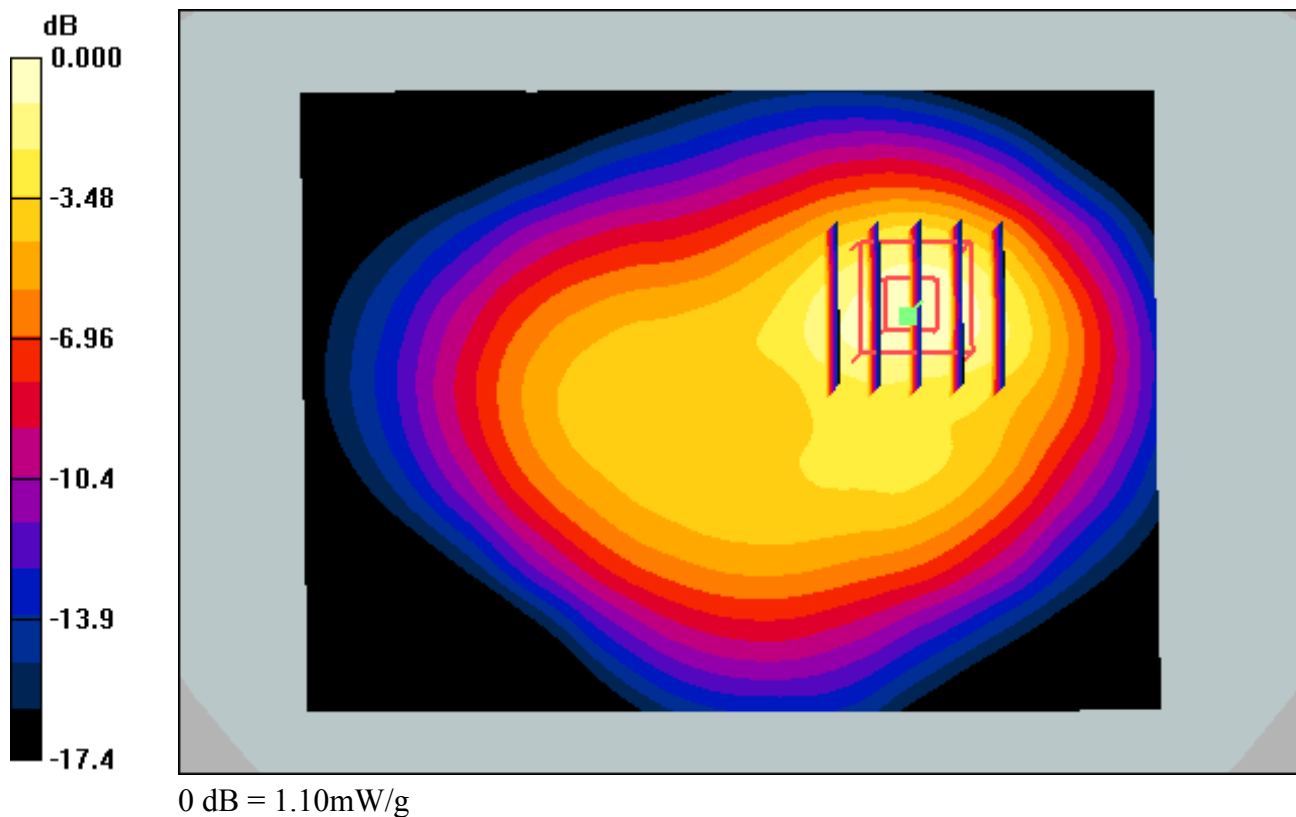
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.020 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.466 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

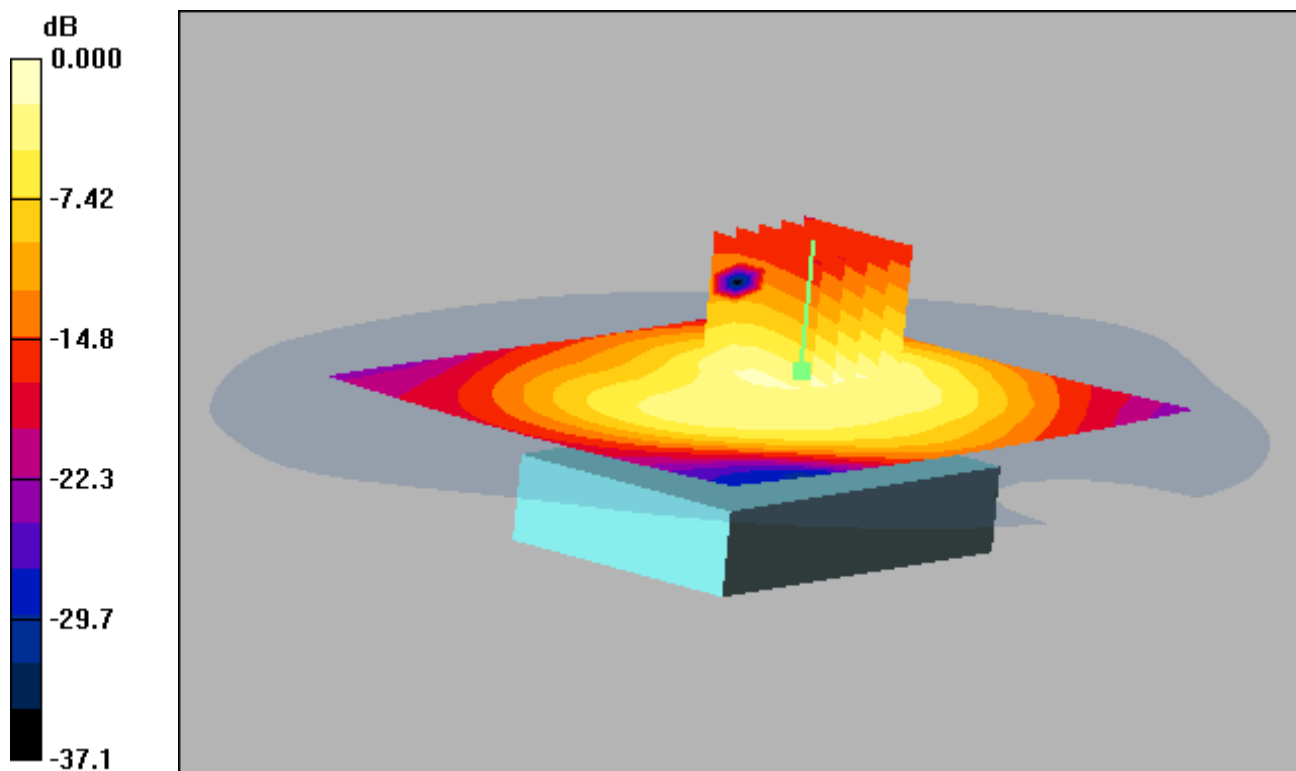
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.120 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.539 W/kg



0 dB = 1.28mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

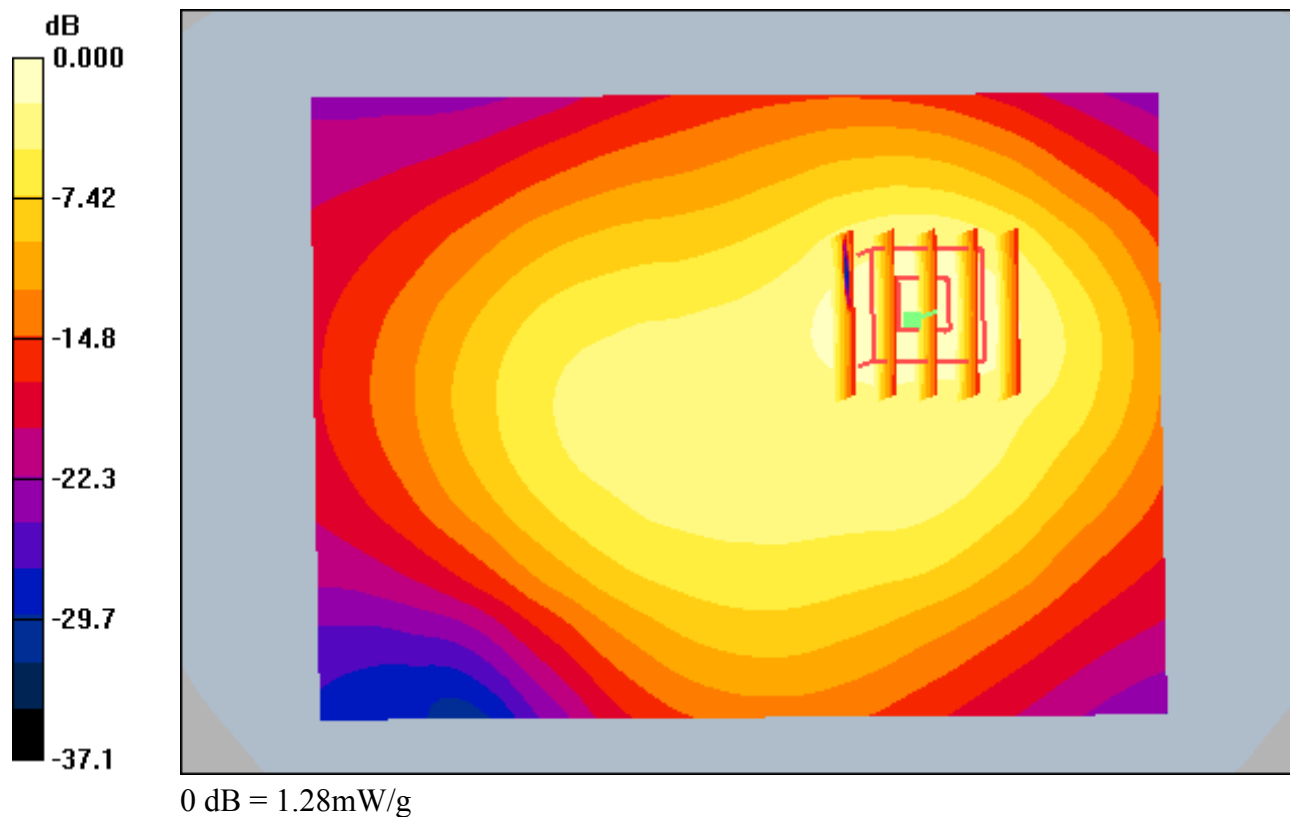
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.120 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.539 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 512, Ant Internal

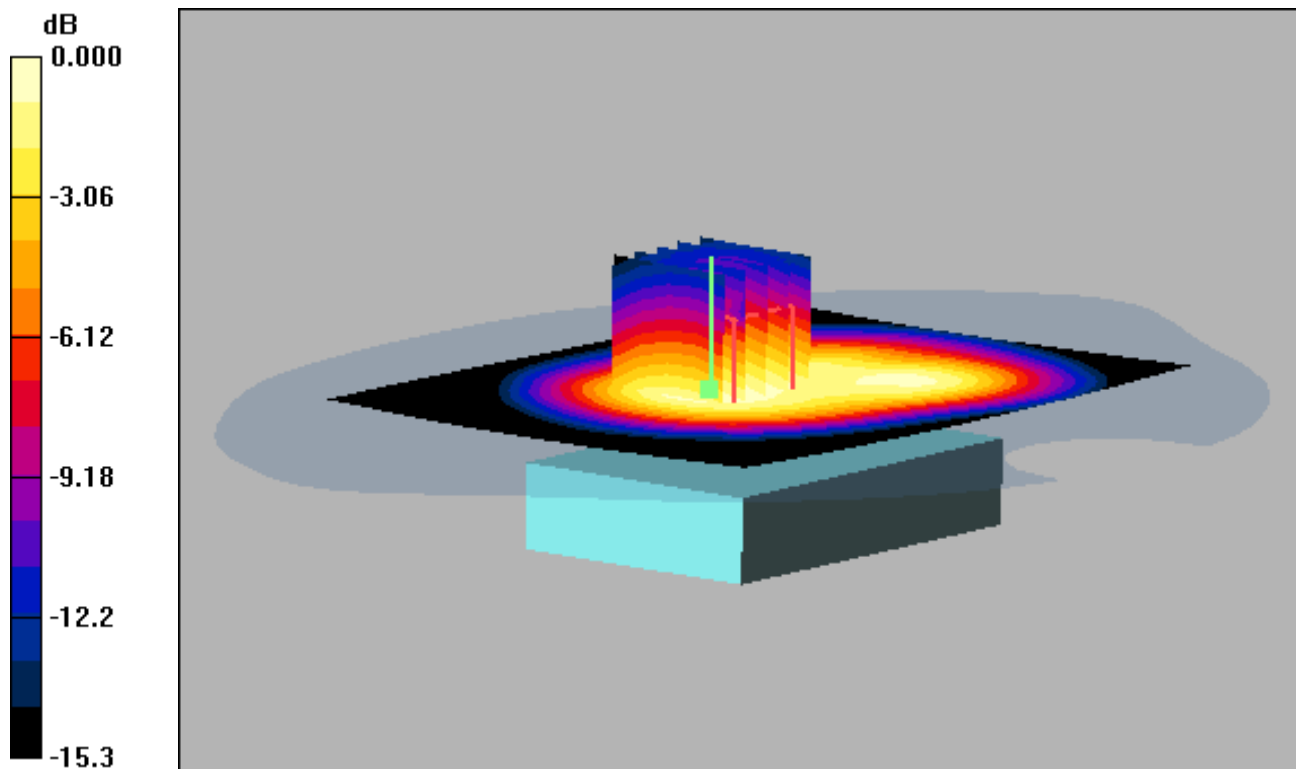
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.037 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.454 W/kg



0 dB = 0.826mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

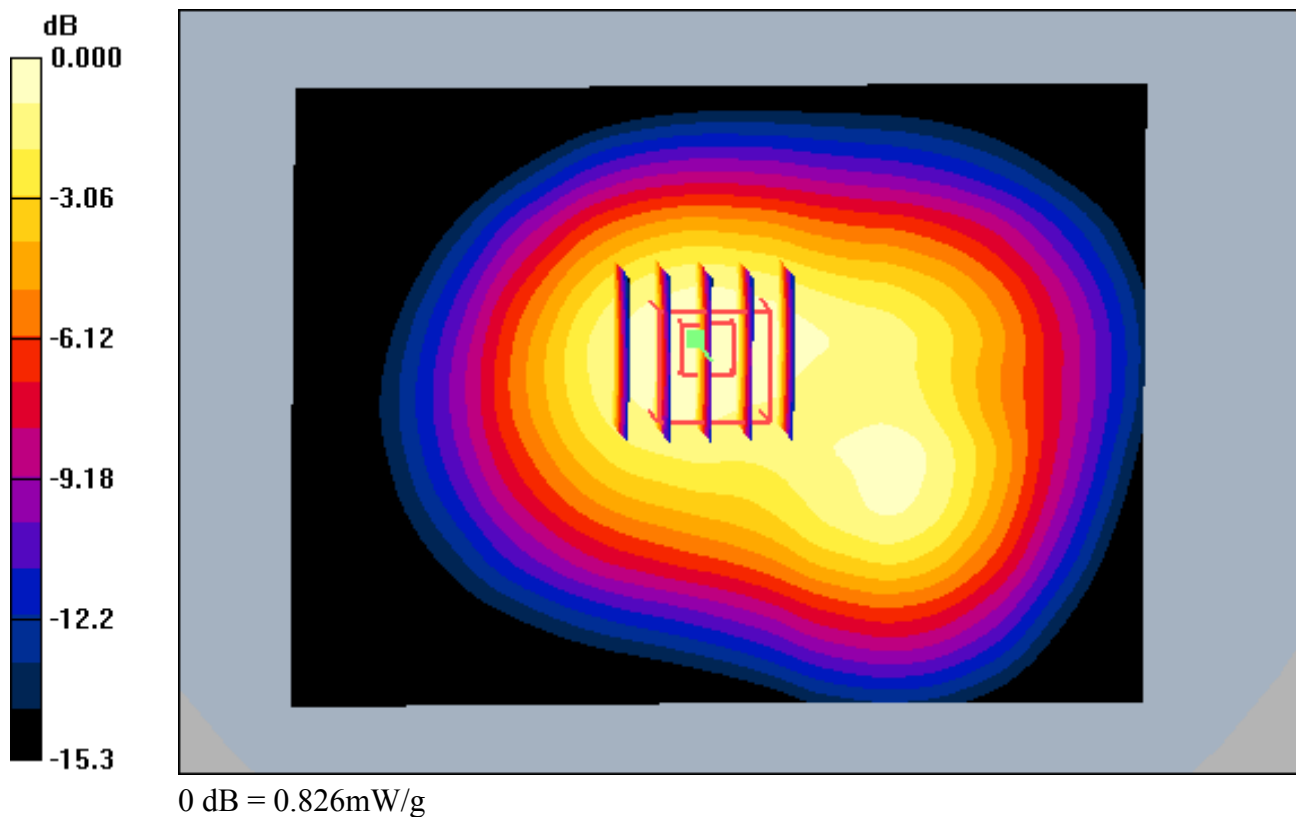
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 512, Ant Internal

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.037 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.454 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

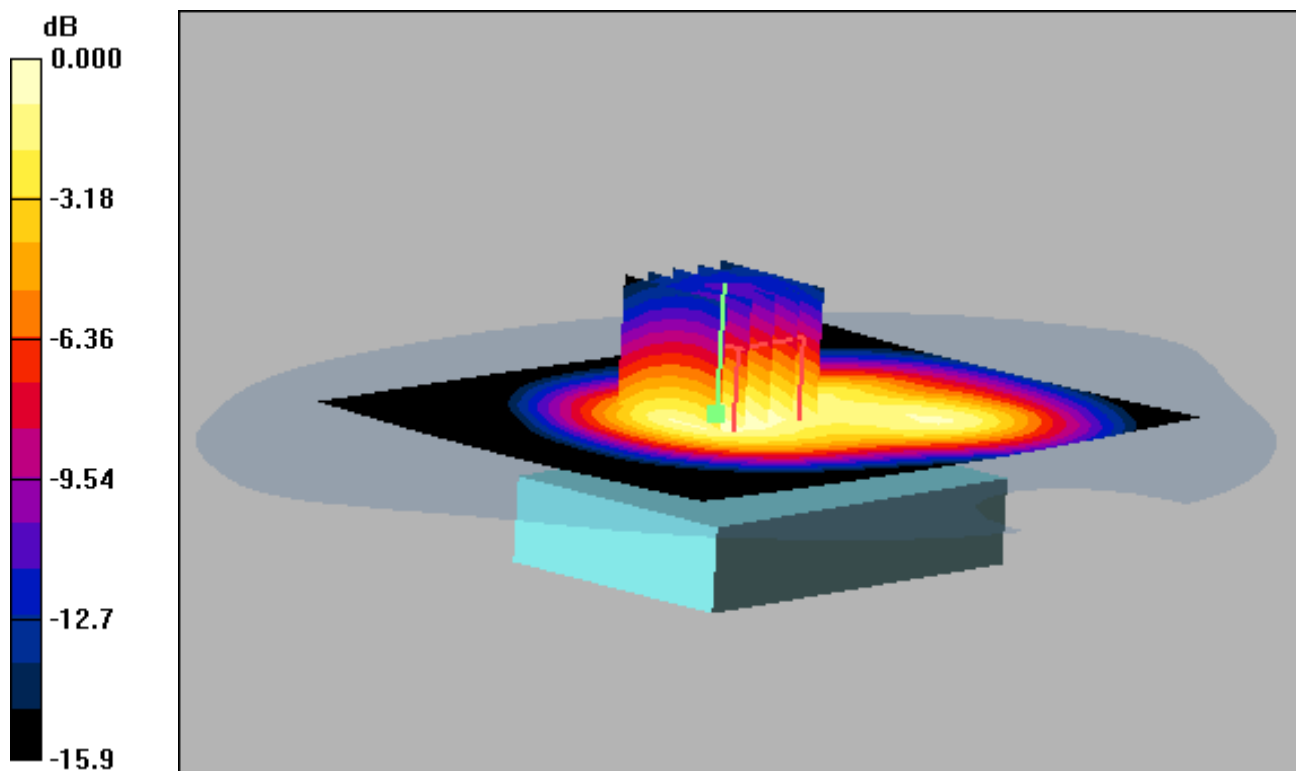
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.134 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.498 W/kg



0 dB = 0.928mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

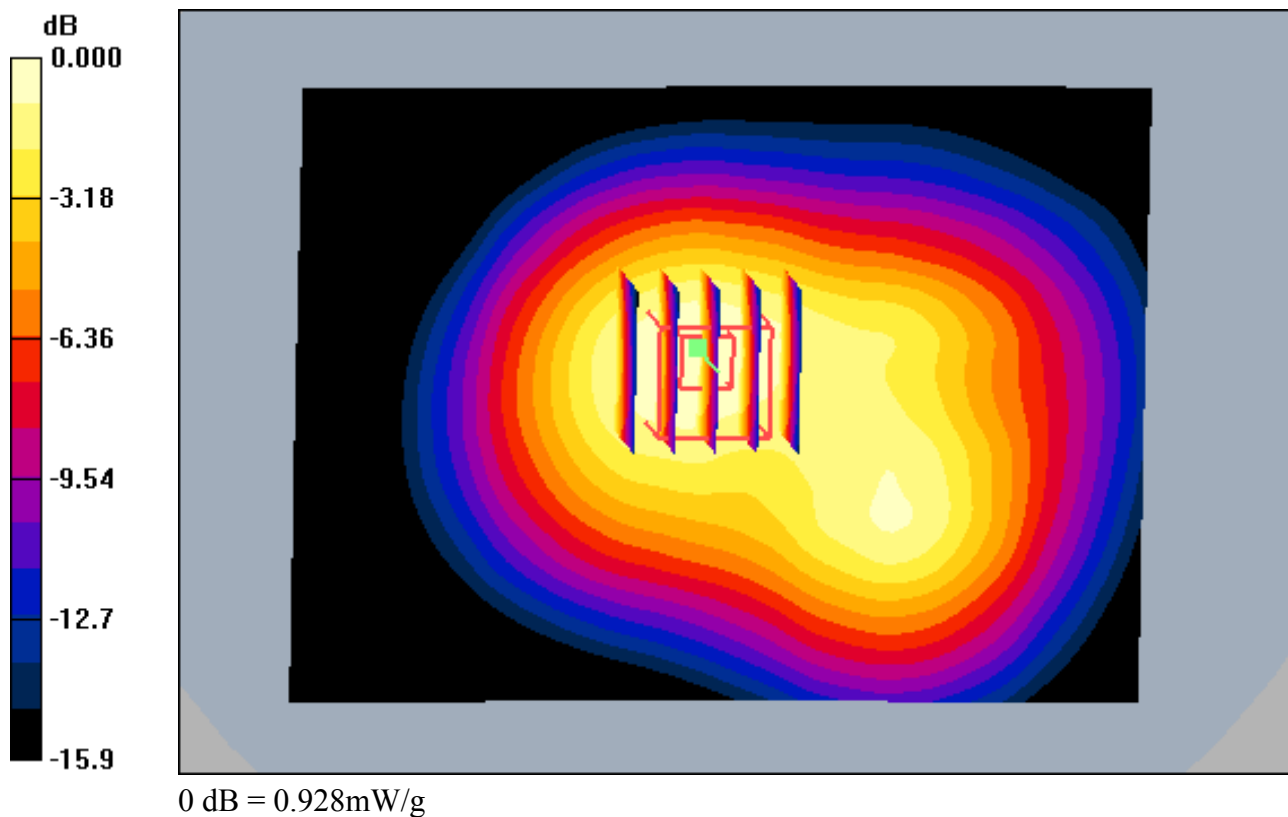
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.134 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.498 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

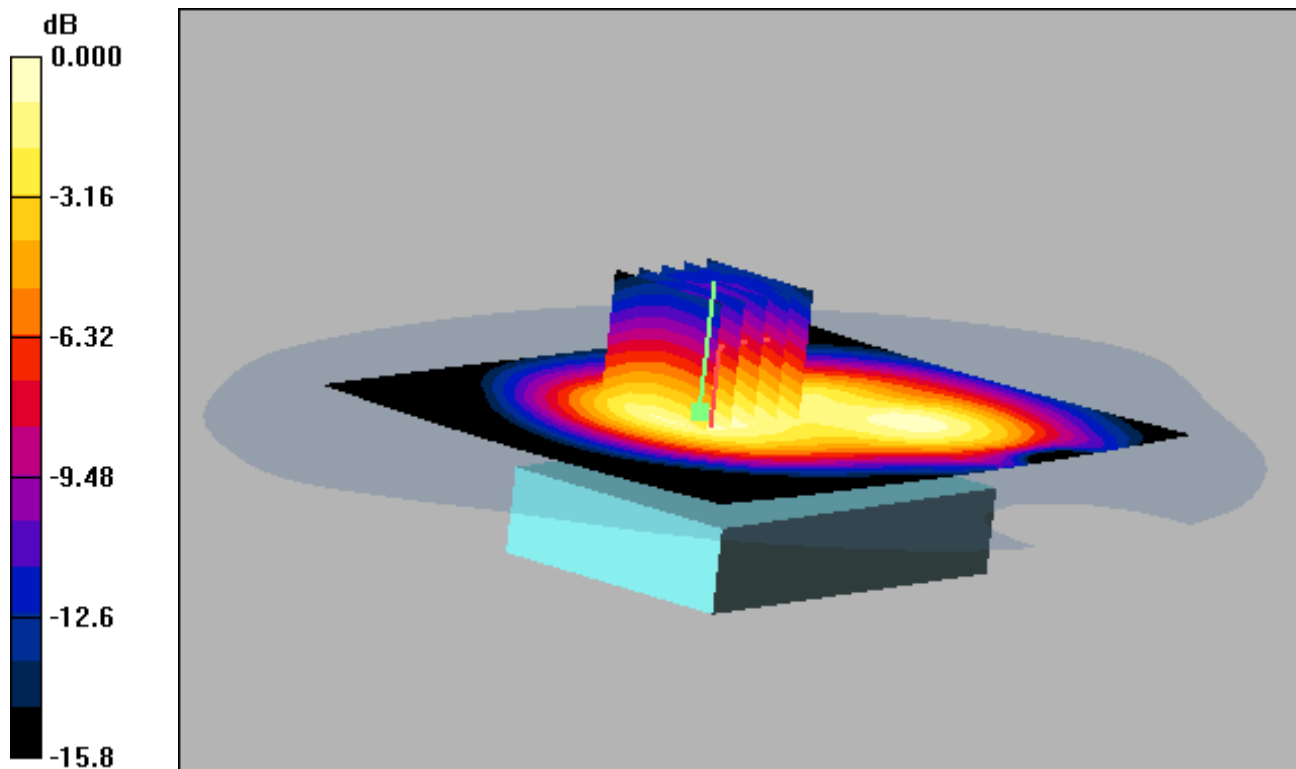
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.007 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.509 W/kg



0 dB = 0.960mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

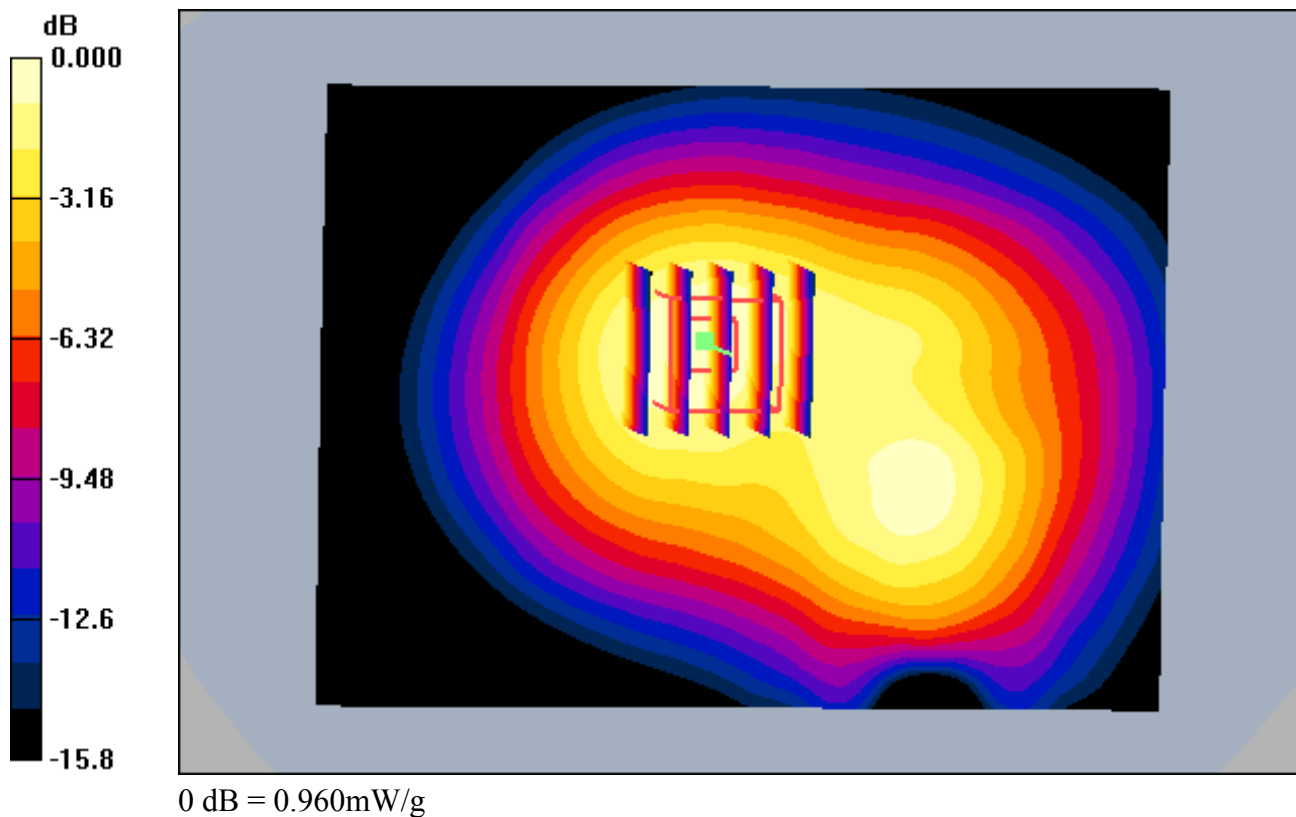
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.007 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.509 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

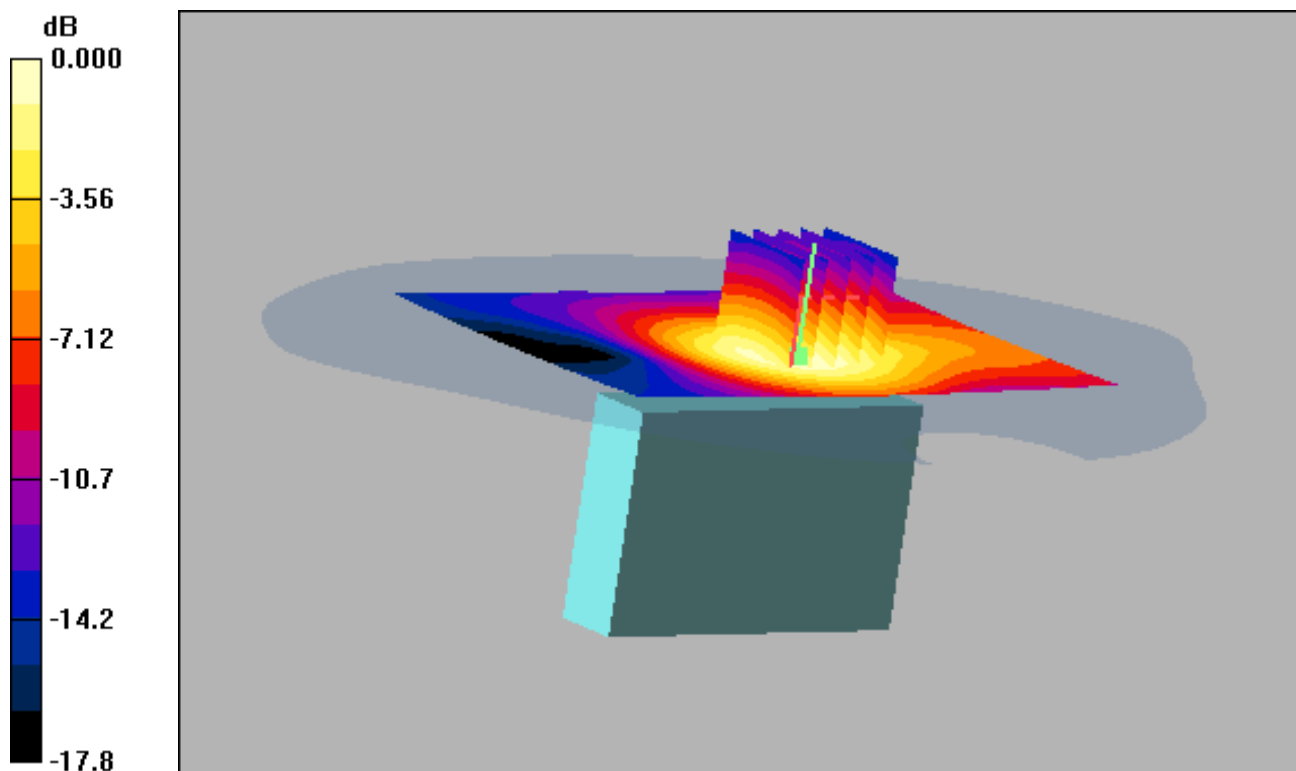
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.158 W/kg



0 dB = 0.296mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

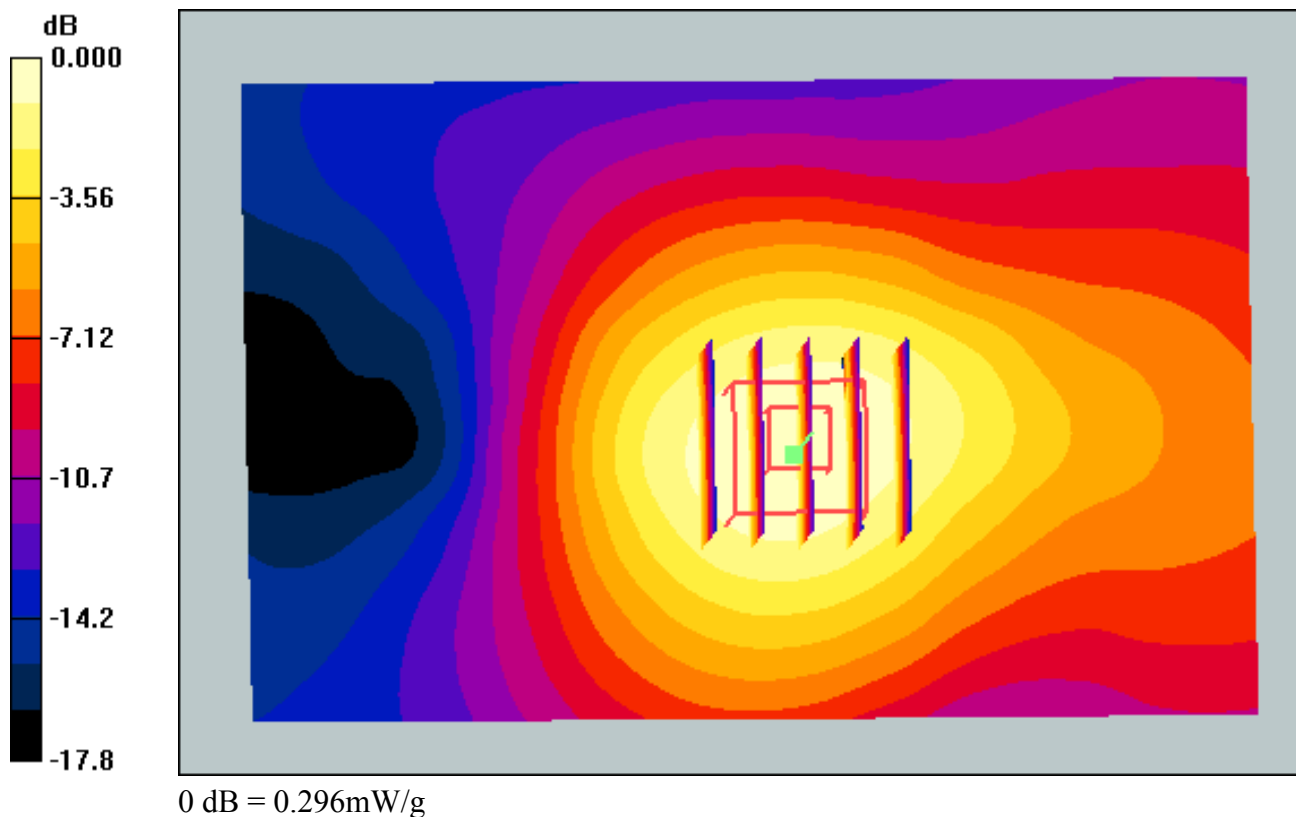
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

With Enlarge plot image

Area Scan (71x111x1): 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 = -0.022 dB
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.158 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

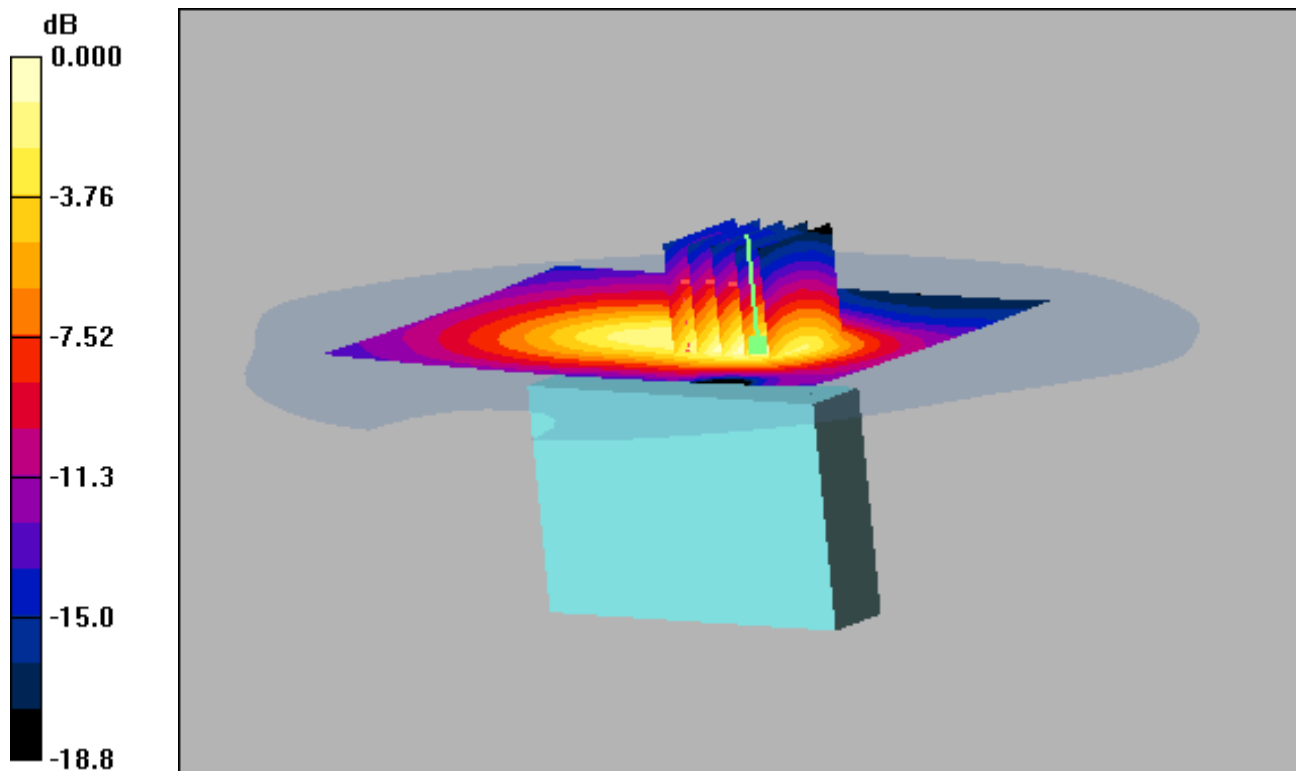
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.273 W/kg



0 dB = 0.592mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

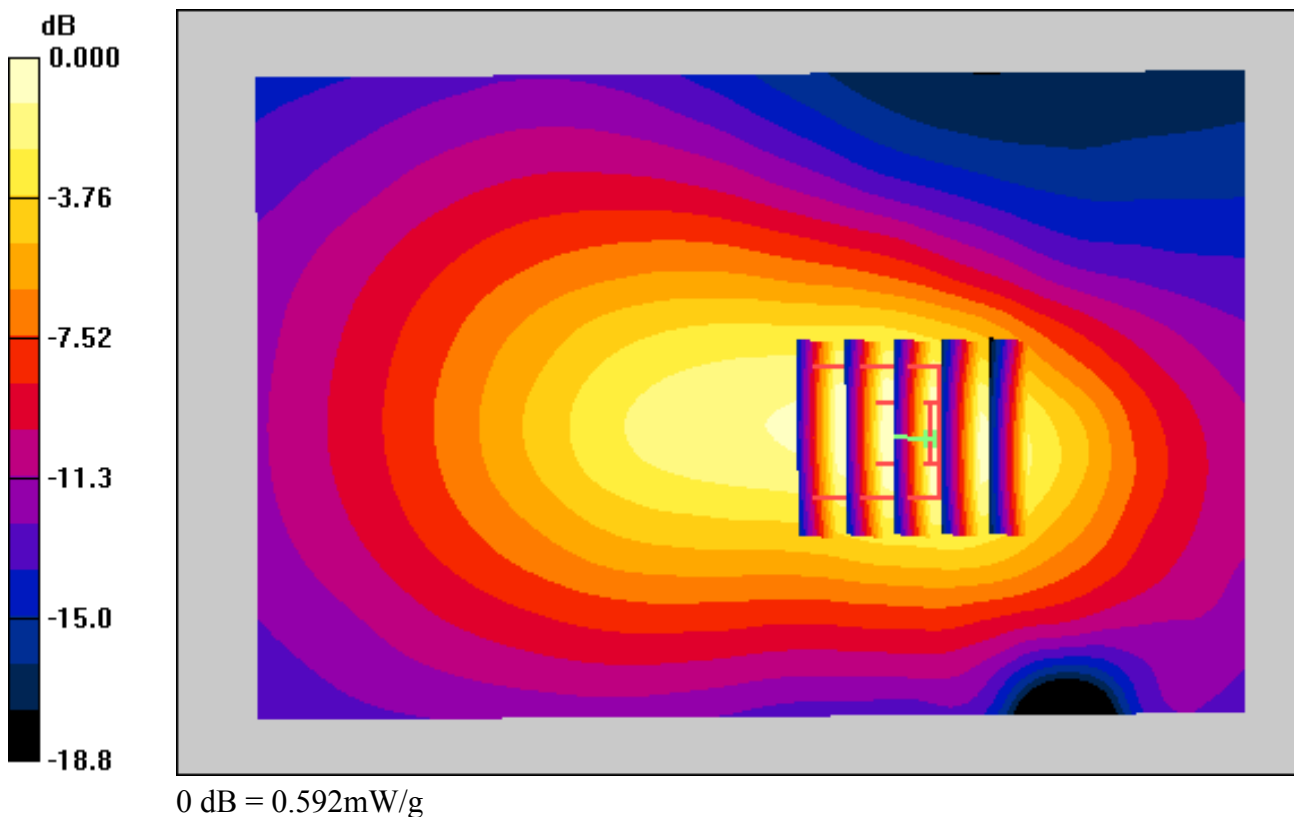
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

With Enlarge plot image

Area Scan (71x111x1): 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 = 0.010 dB
Peak SAR (extrapolated) = 0.837 W/kg
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.273 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

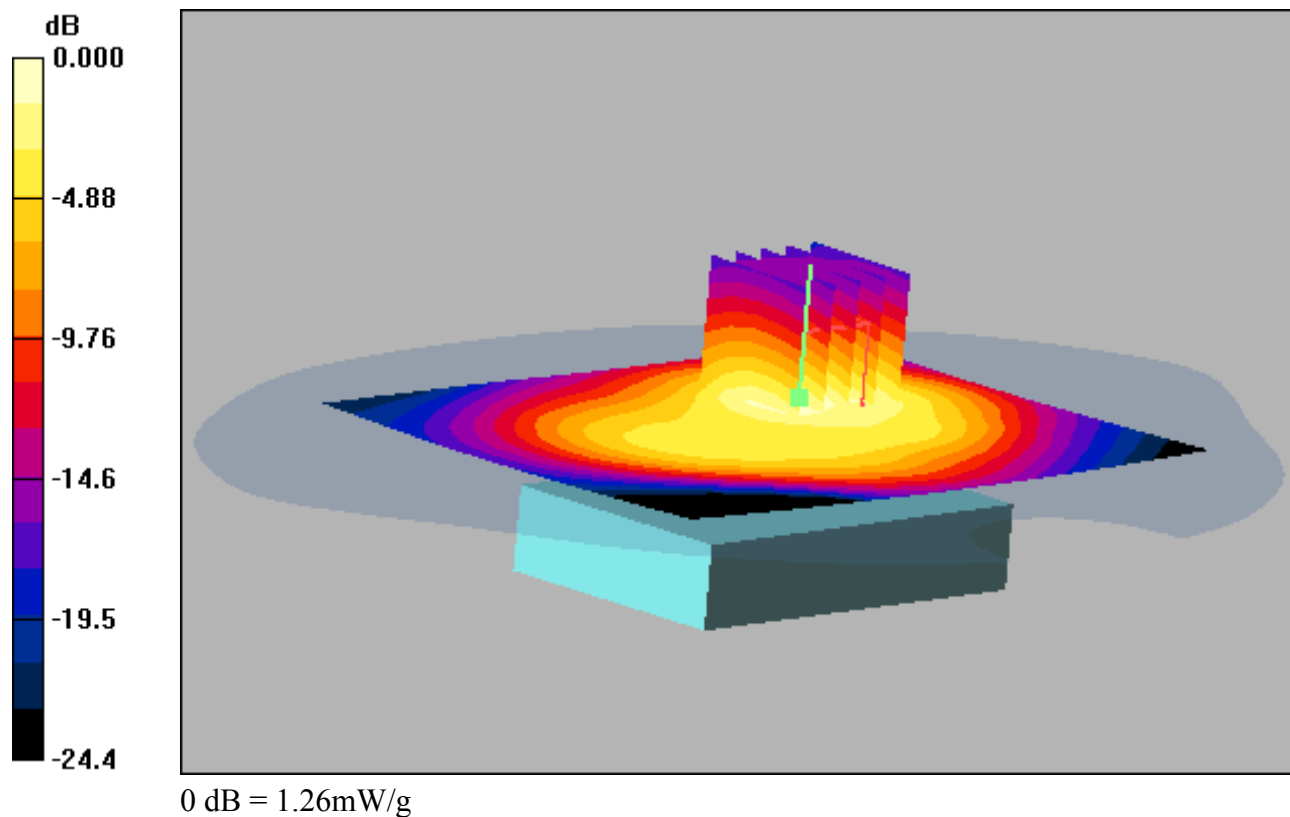
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

SAR Variability Result

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.037 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.528 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

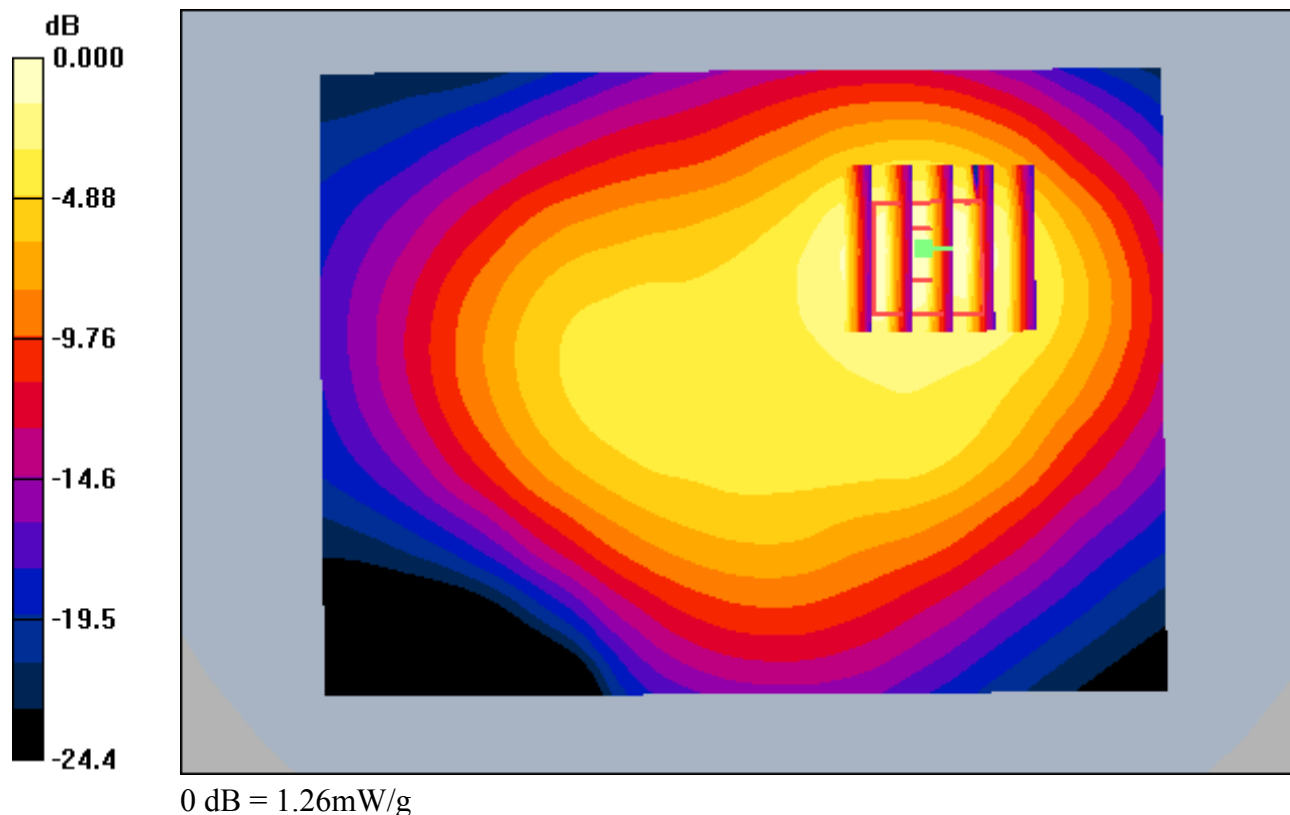
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

SAR Variability Result, With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.037 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.528 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 2013-09-10; 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: 2013-10-08; Ambient Temp: 22.3; Tissue Temp: 22.8

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

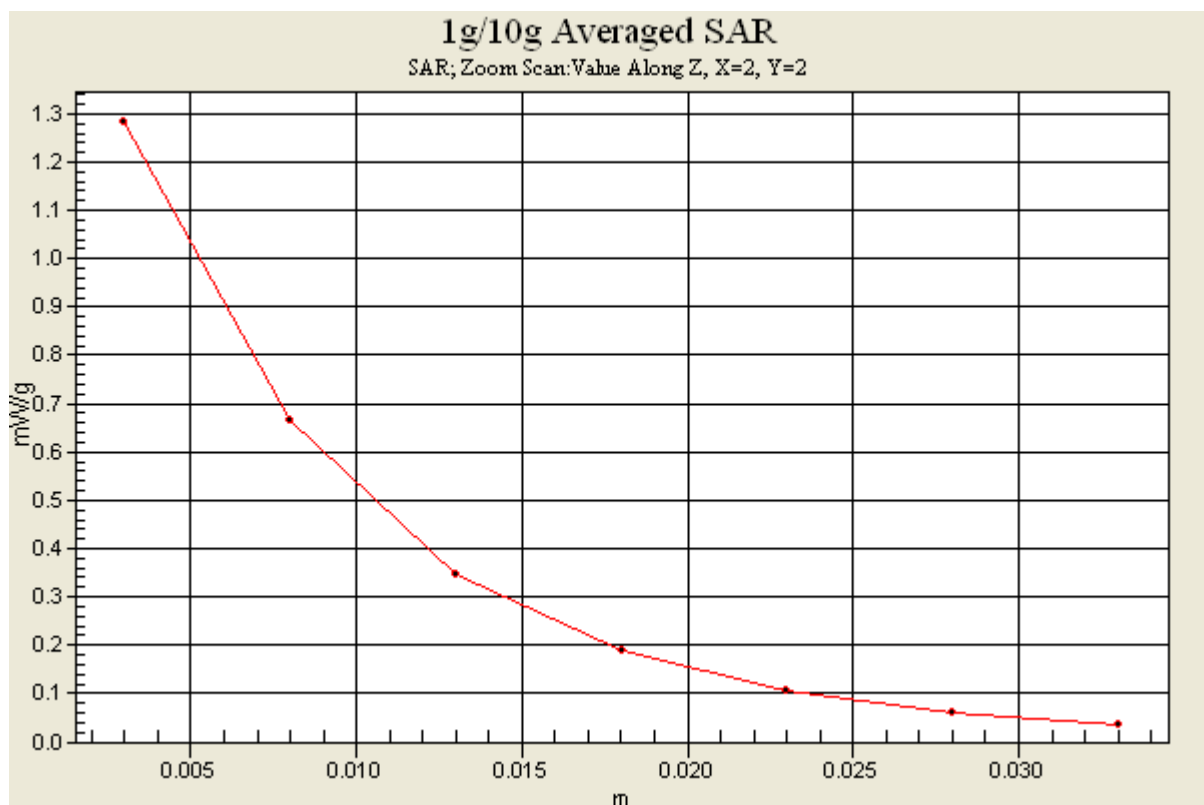
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.120 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.539 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

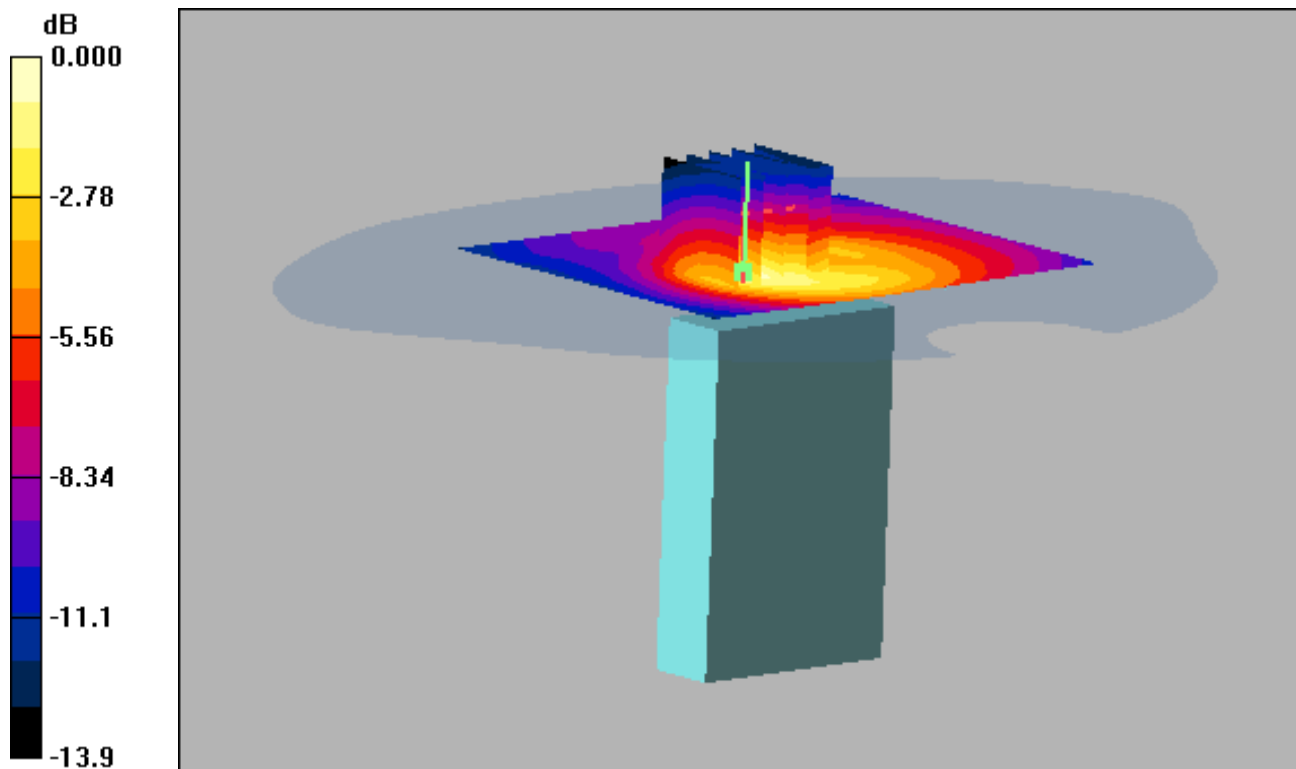
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.089 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.086 W/kg



0 dB = 0.185mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

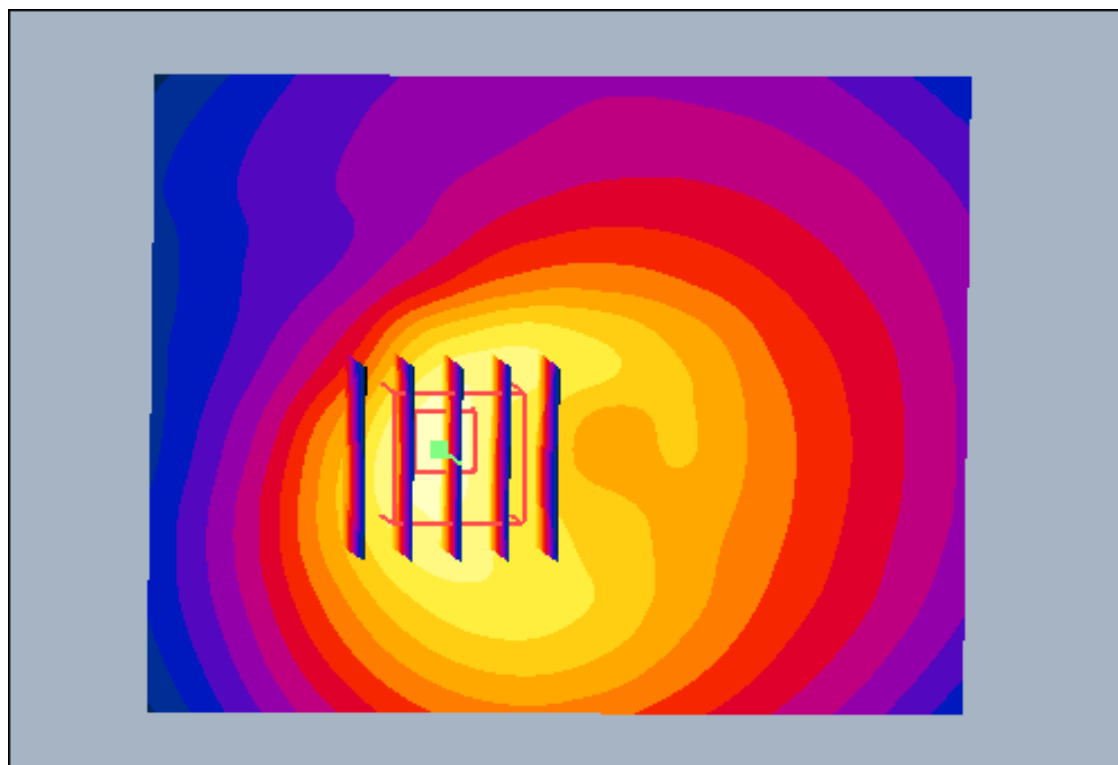
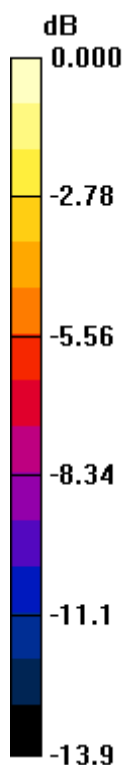
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

With Enlarge plot image

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.089 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.086 W/kg



0 dB = 0.185mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

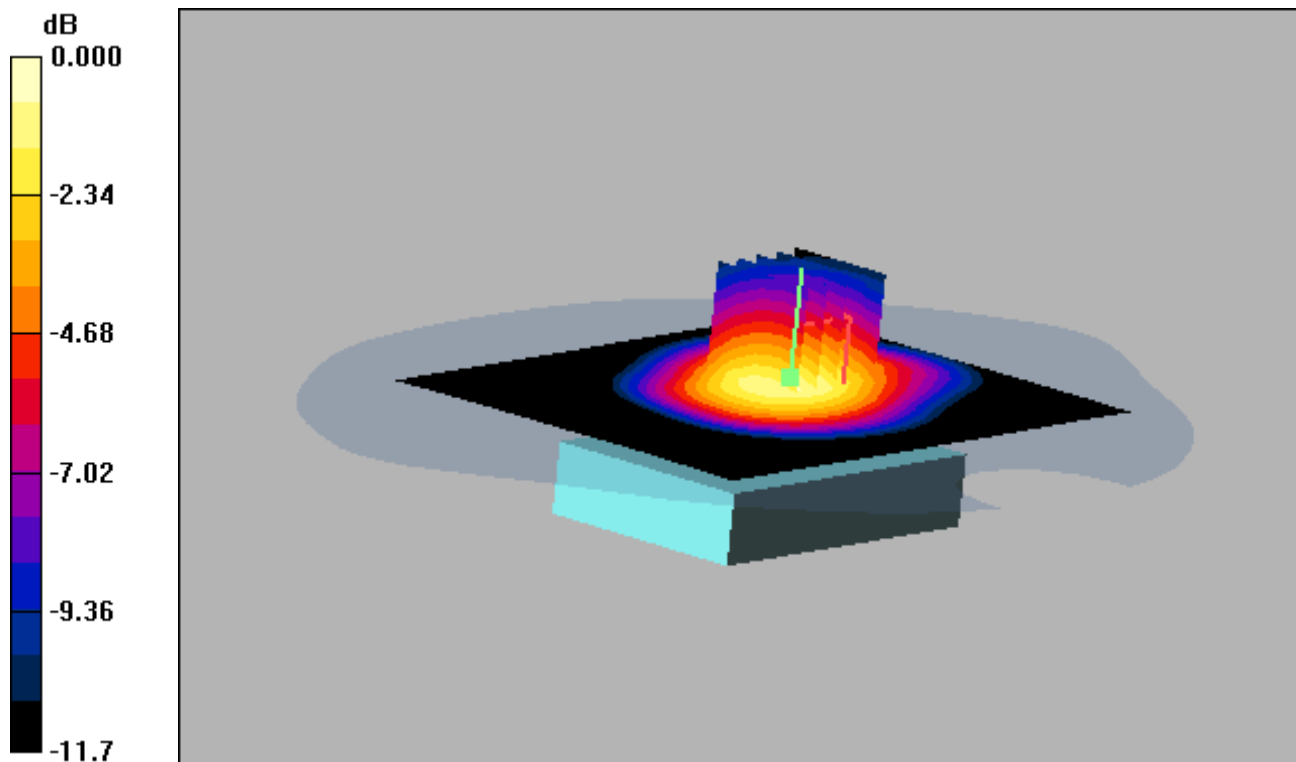
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.981 W/kg

SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.430 W/kg



0 dB = 0.746mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

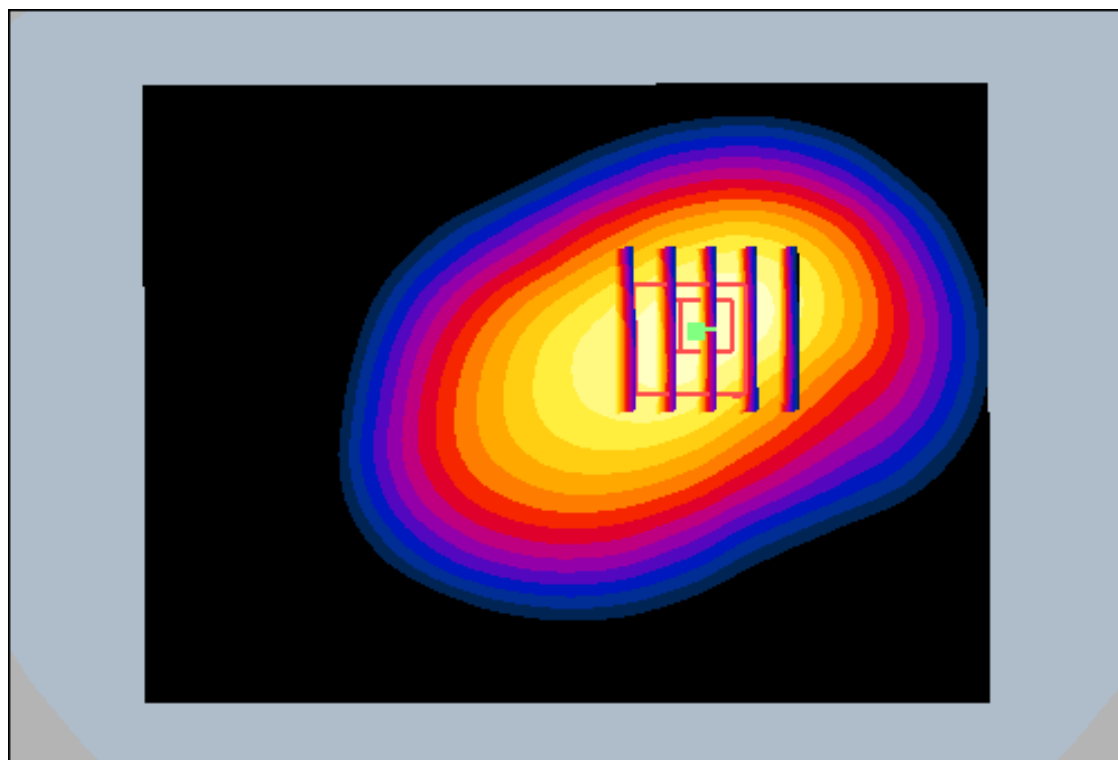
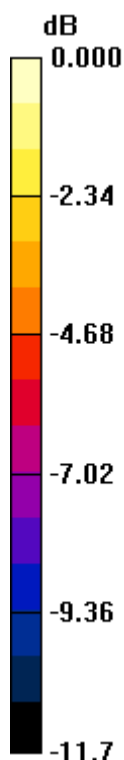
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.006 dB
Peak SAR (extrapolated) = 0.981 W/kg
SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.430 W/kg



0 dB = 0.746mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

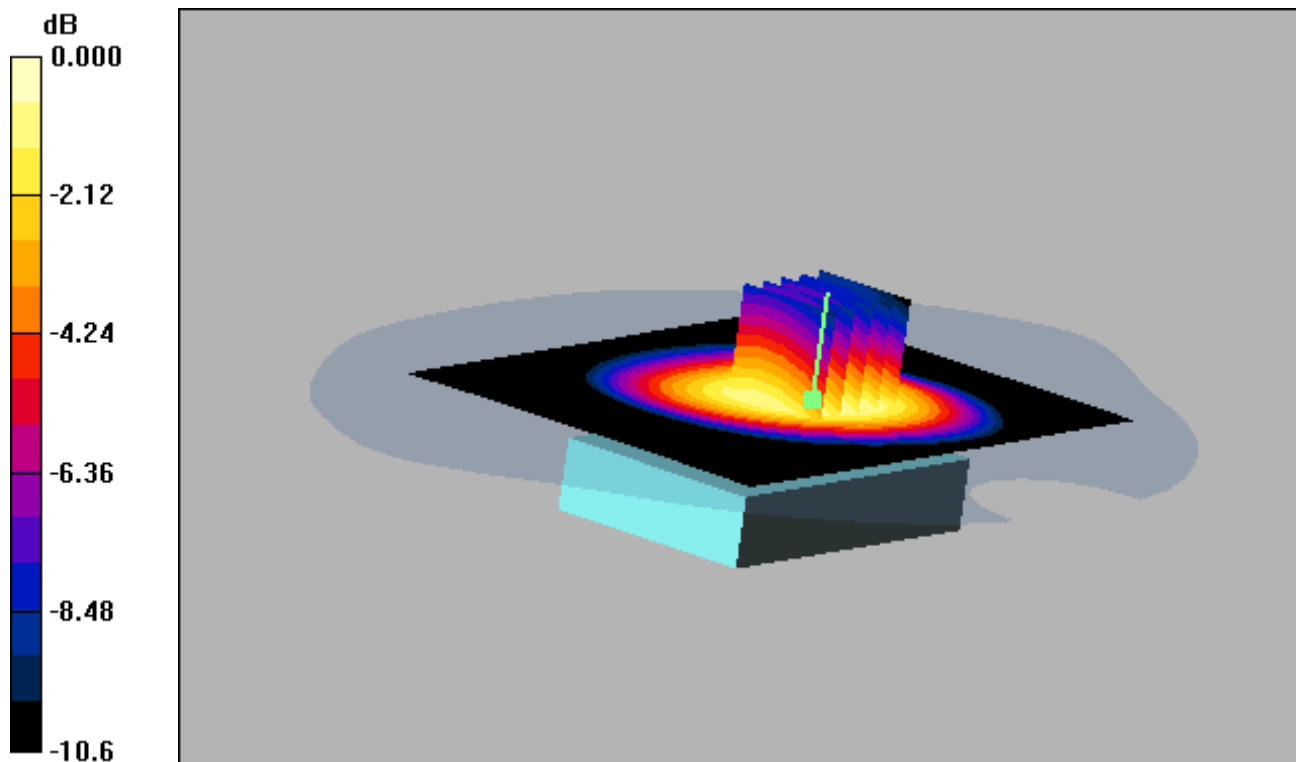
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.618 W/kg



0 dB = 0.988mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

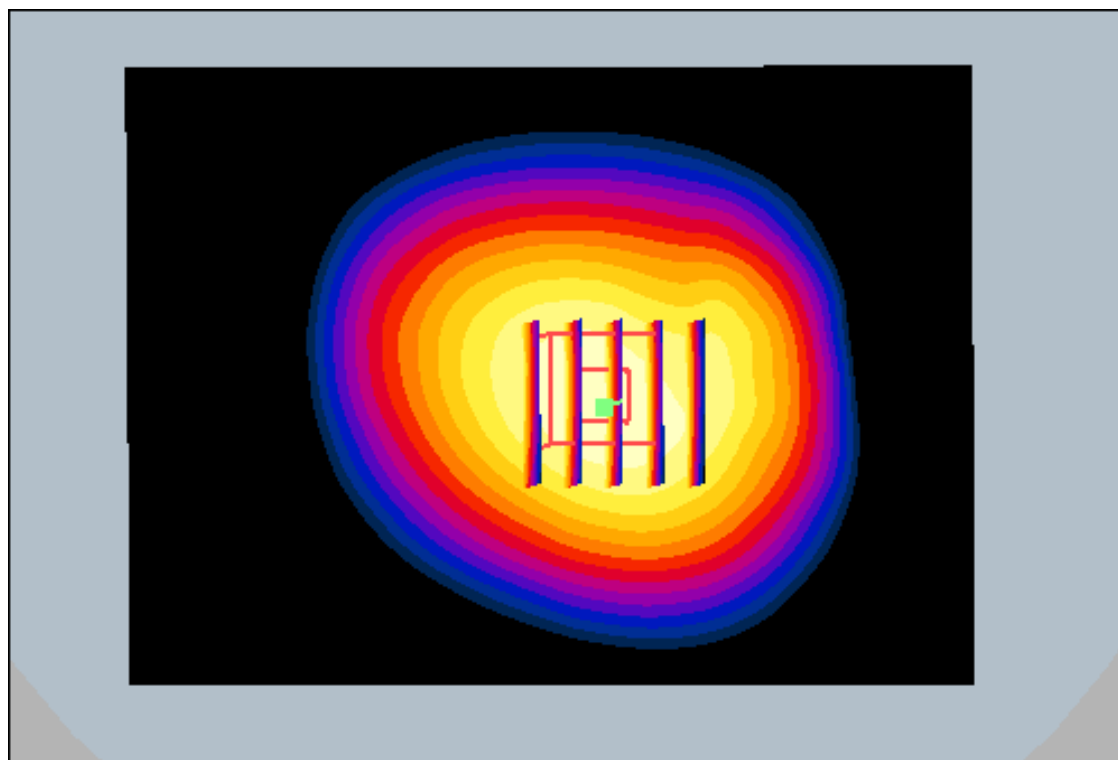
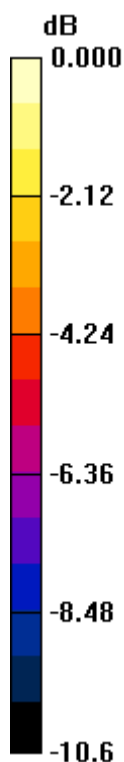
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.005 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.618 W/kg



0 dB = 0.988mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

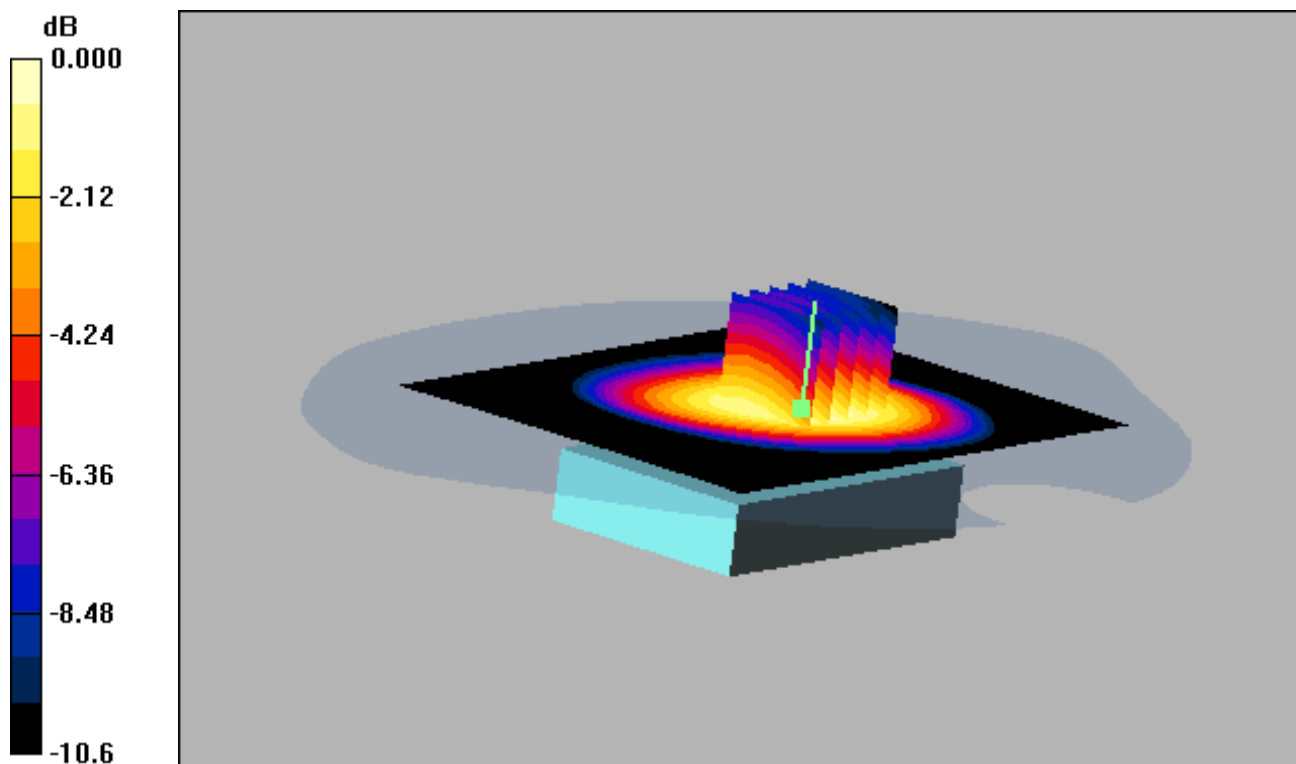
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.026 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.595 W/kg



0 dB = 0.948mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

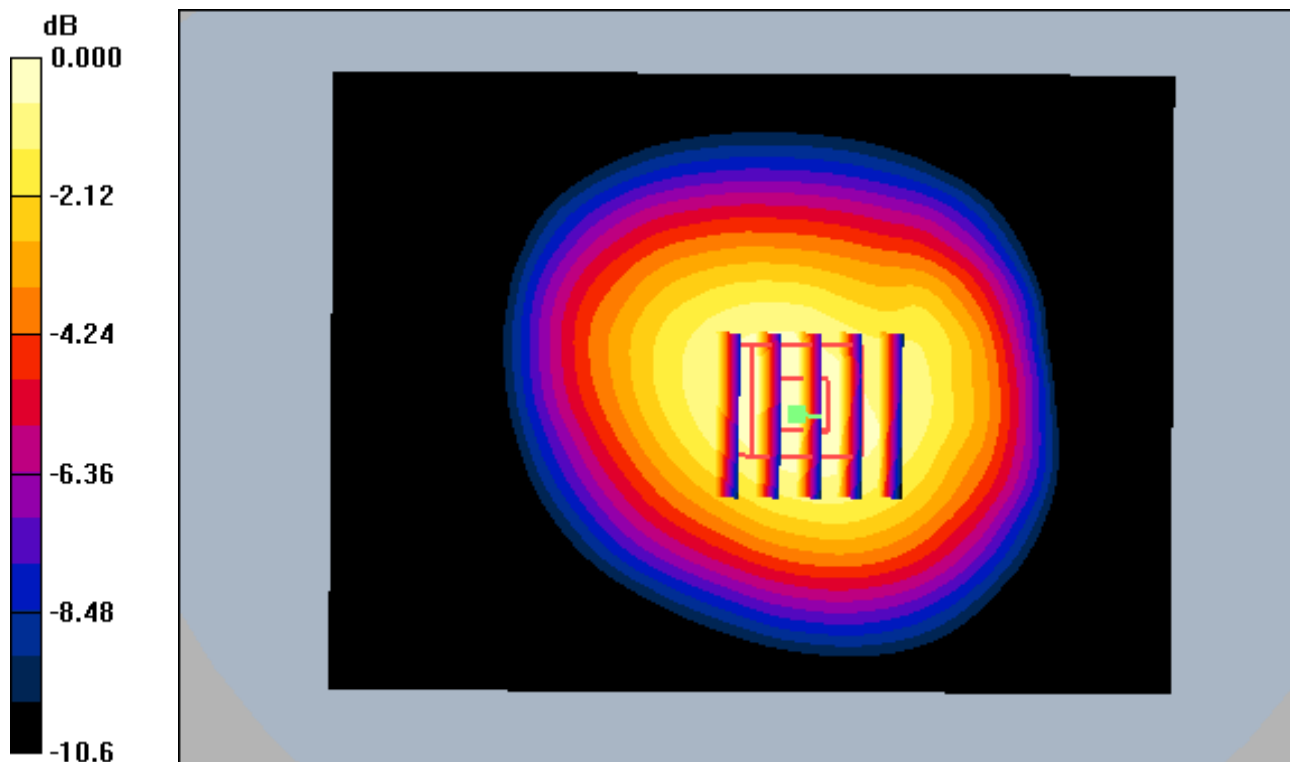
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.026 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.595 W/kg



0 dB = 0.948mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

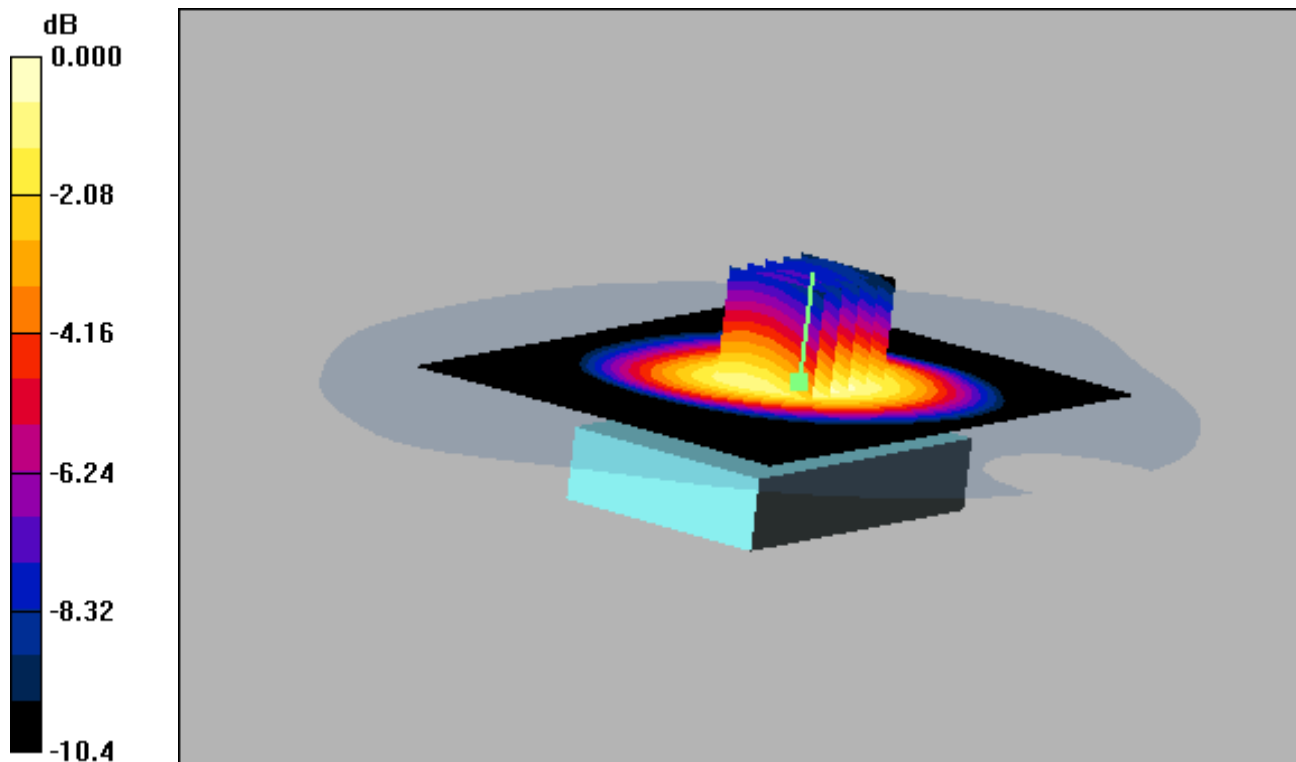
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.523 W/kg



0 dB = 0.834mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

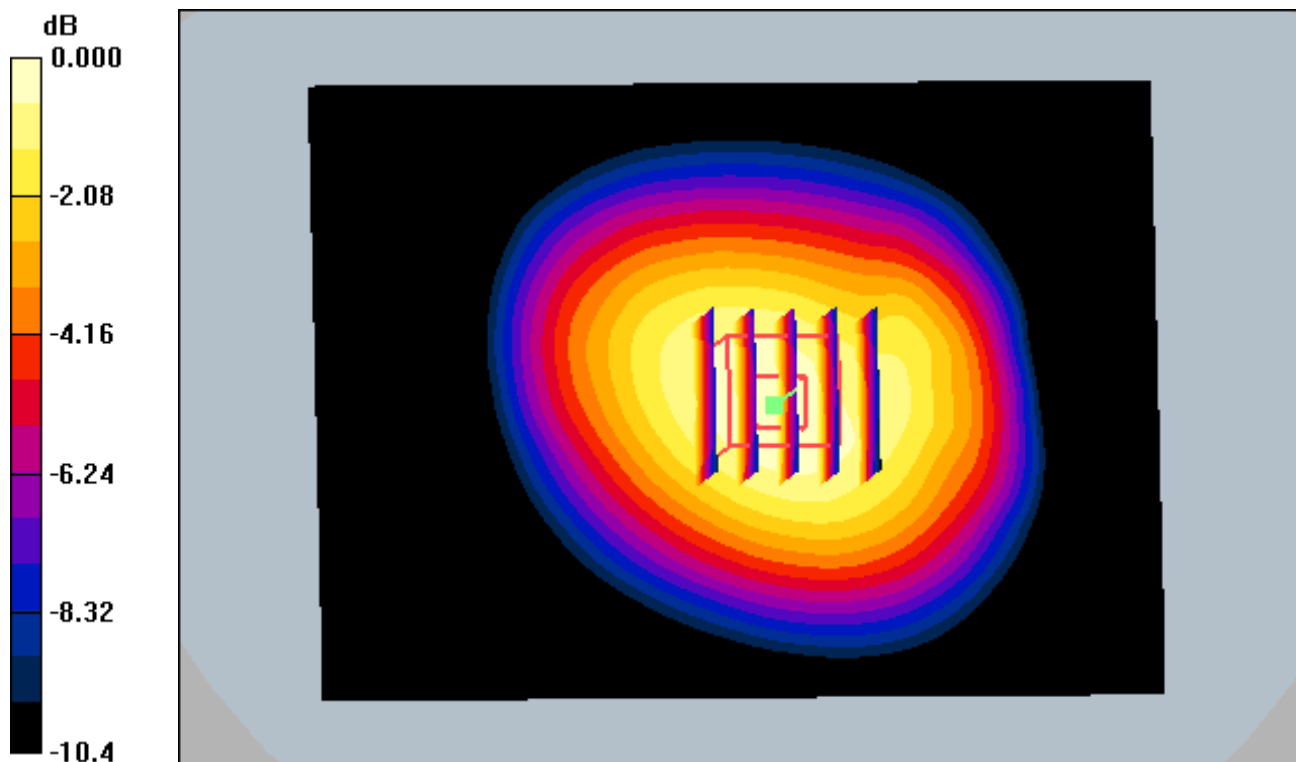
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.004 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.523 W/kg



0 dB = 0.834mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

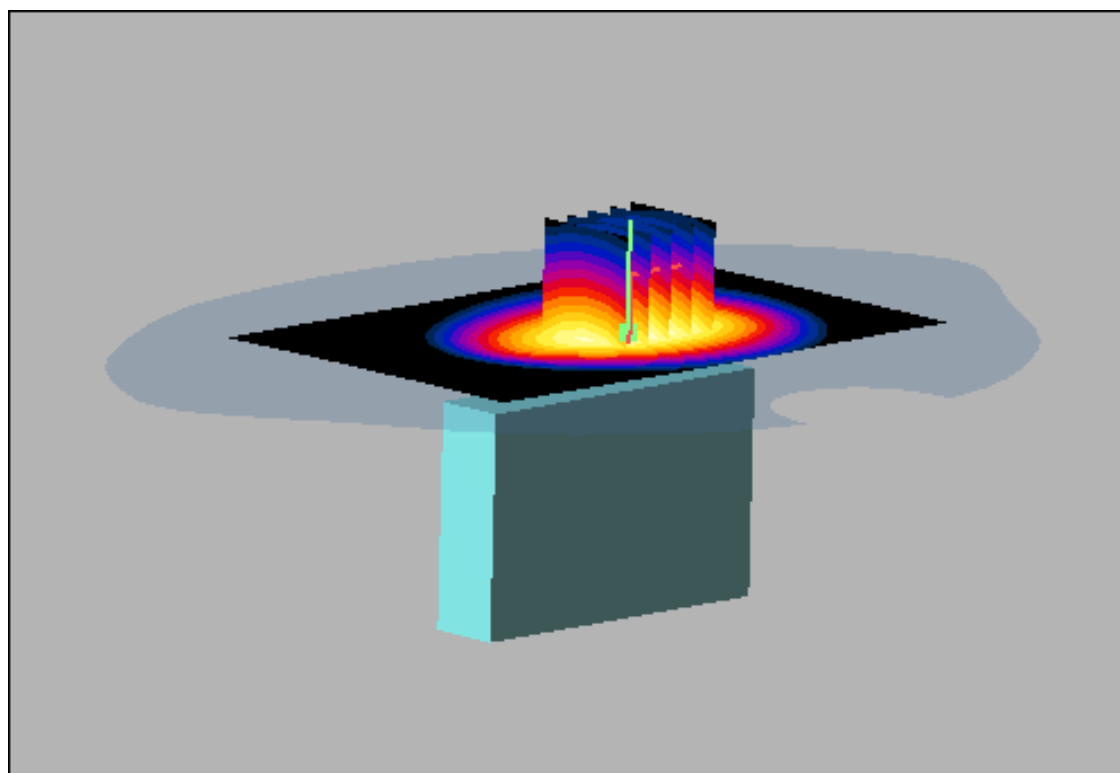
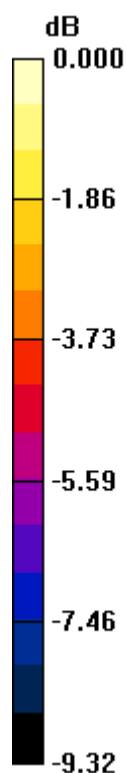
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.582 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.297 W/kg



0 dB = 0.478mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

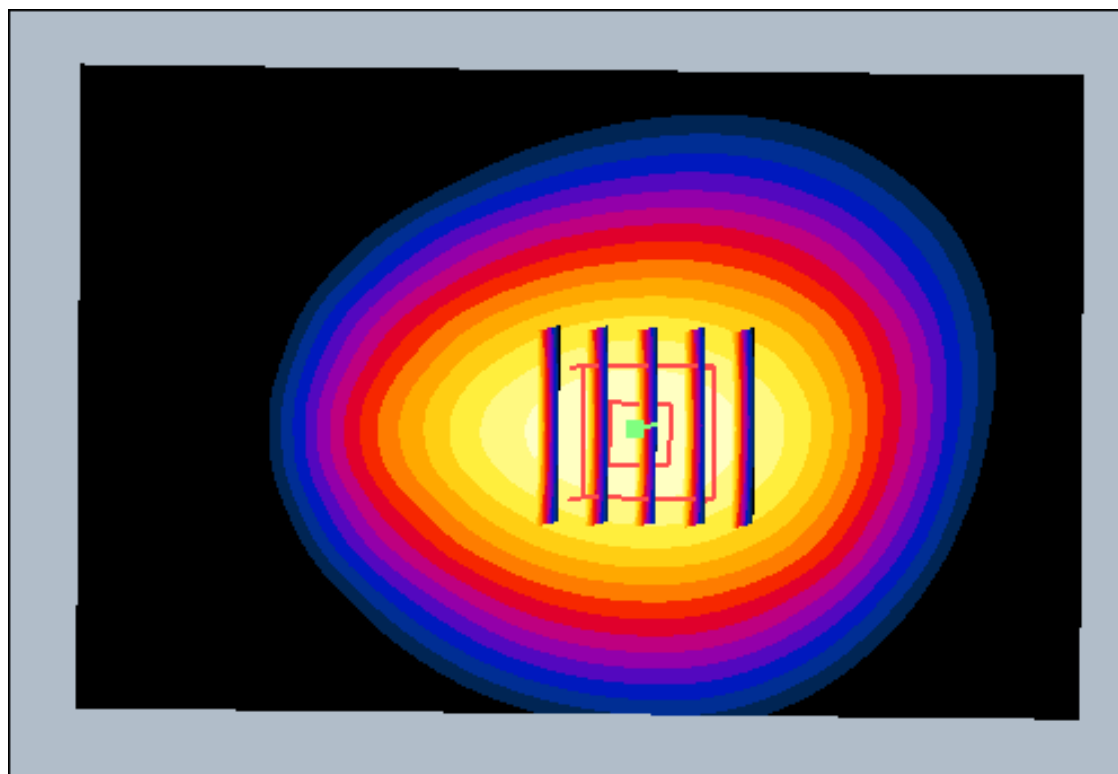
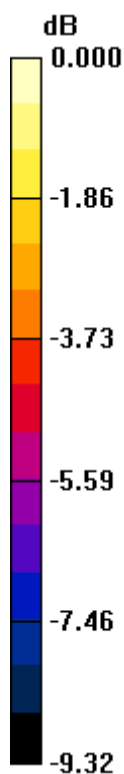
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

With Enlarge plot image

Area Scan (71x111x1): 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 = 0.076 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.297 W/kg



0 dB = 0.478mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

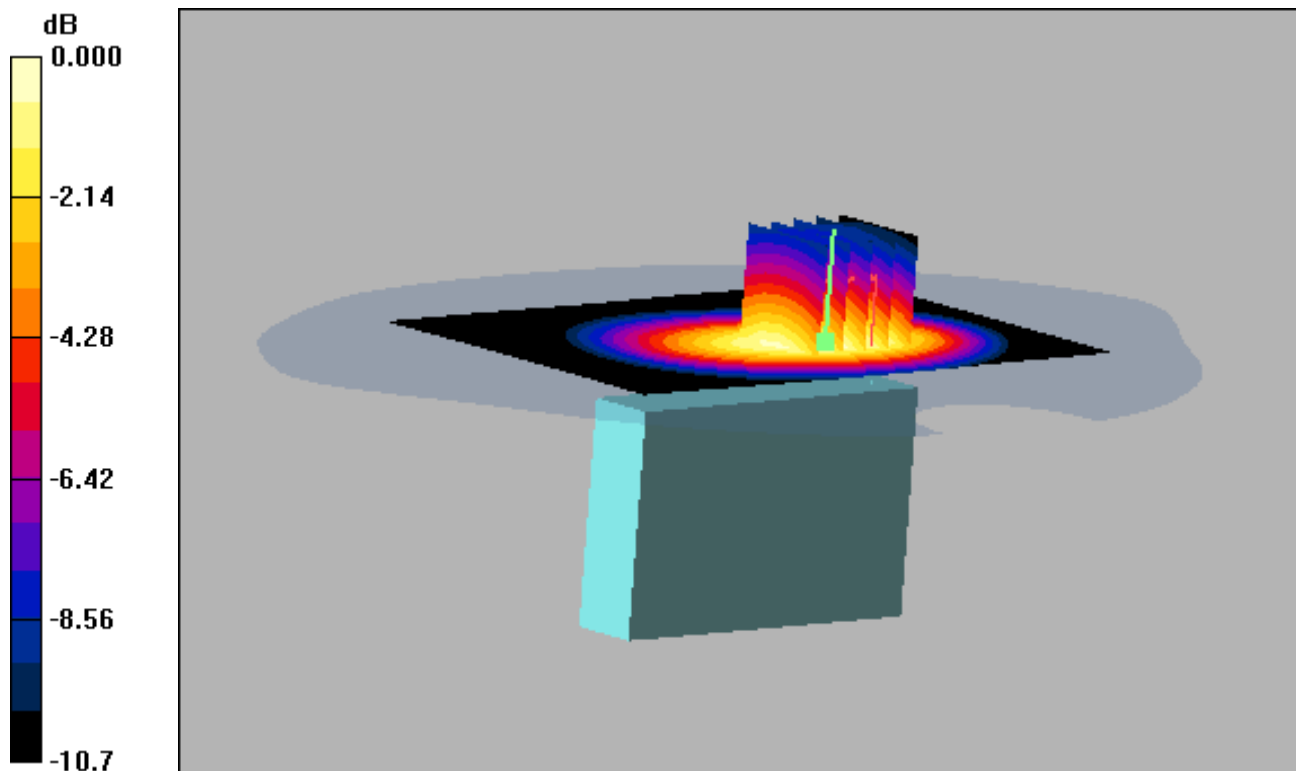
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.659 W/kg

SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.312 W/kg



0 dB = 0.529mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

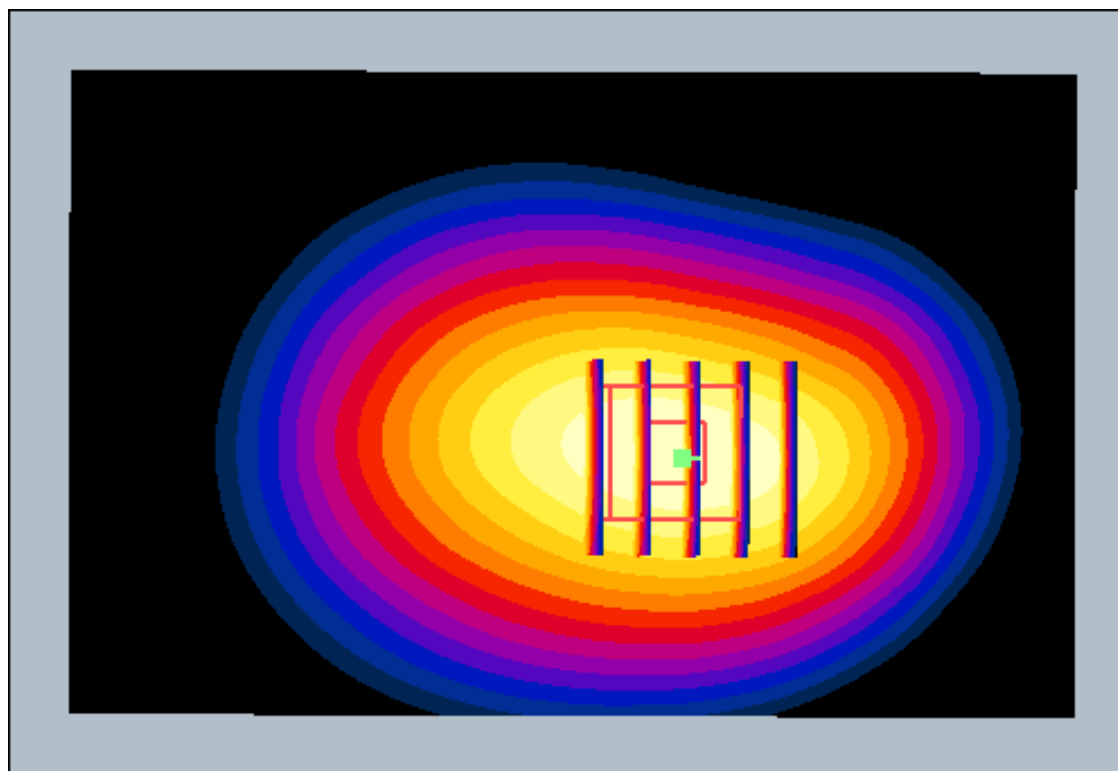
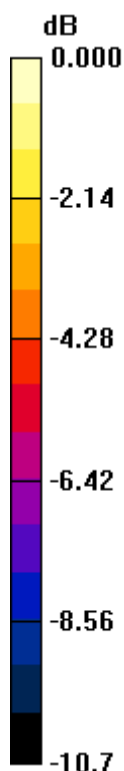
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

With Enlarge plot image

Area Scan (71x111x1): 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 = 0.014 dB
Peak SAR (extrapolated) = 0.659 W/kg
SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.312 W/kg



0 dB = 0.529mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

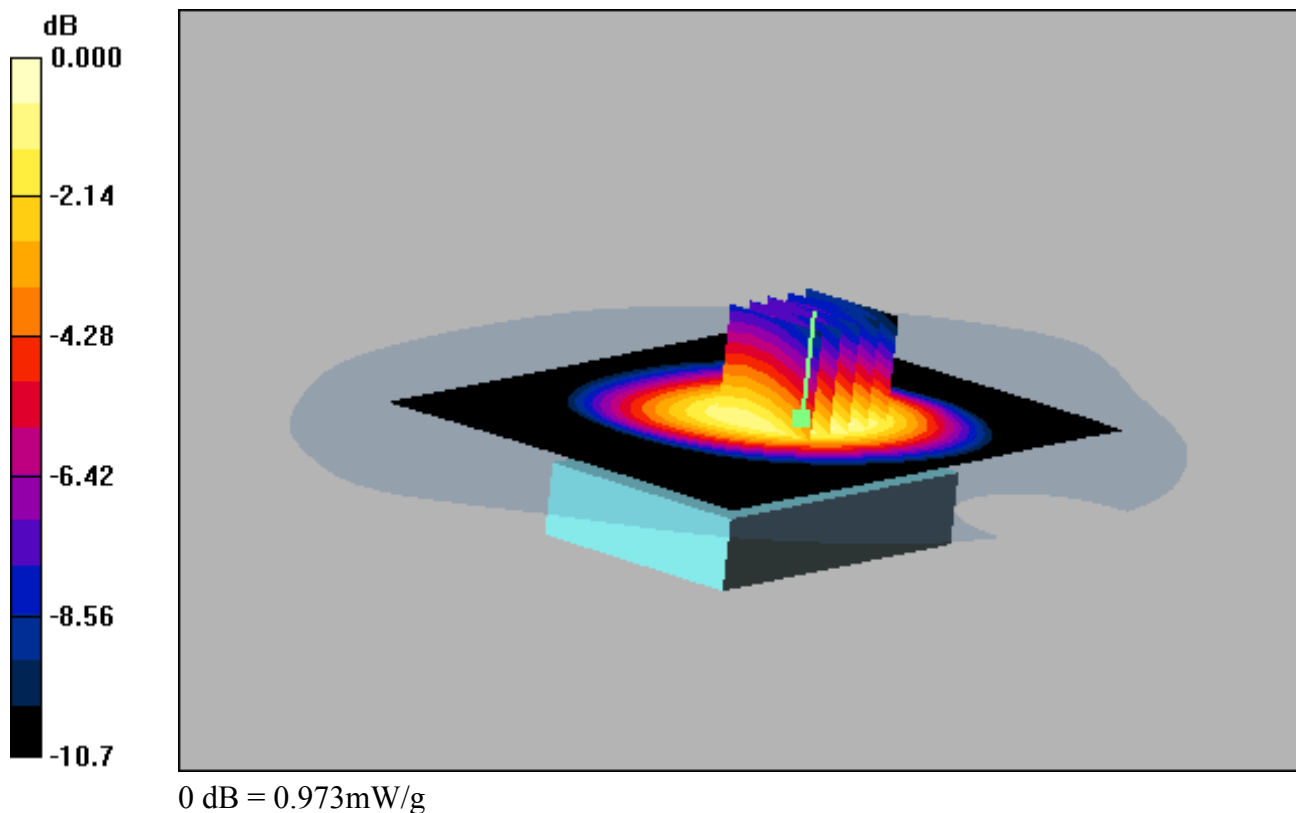
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

SAR Variability Result

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.042 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.615 W/kg



DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

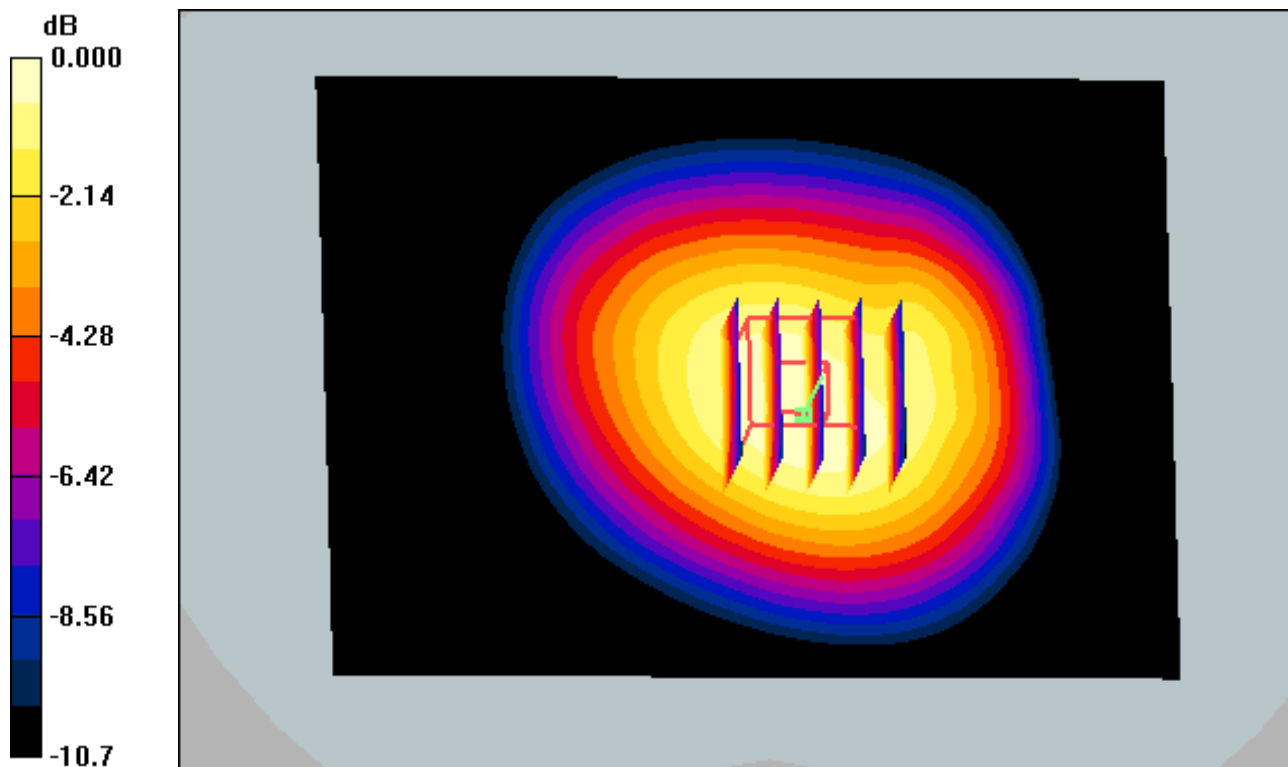
Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

SAR Variability Result, With Enlarge plot image

Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.042 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.615 W/kg



0 dB = 0.973mW/g

DIGITAL EMC CO., LTD

DUT: L-02F; Type: Router Device

Communication System: WCDMA 850 ; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.1, 6.1, 6.1); Calibrated: 2013-09-10; 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: 2013-10-07; Ambient Temp: 22.1; Tissue Temp: 22.6

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

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

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

Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.618 W/kg

