

DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ 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: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Right, PCS1900 GPRS Class 12, Ch. 661, Ant. Internal

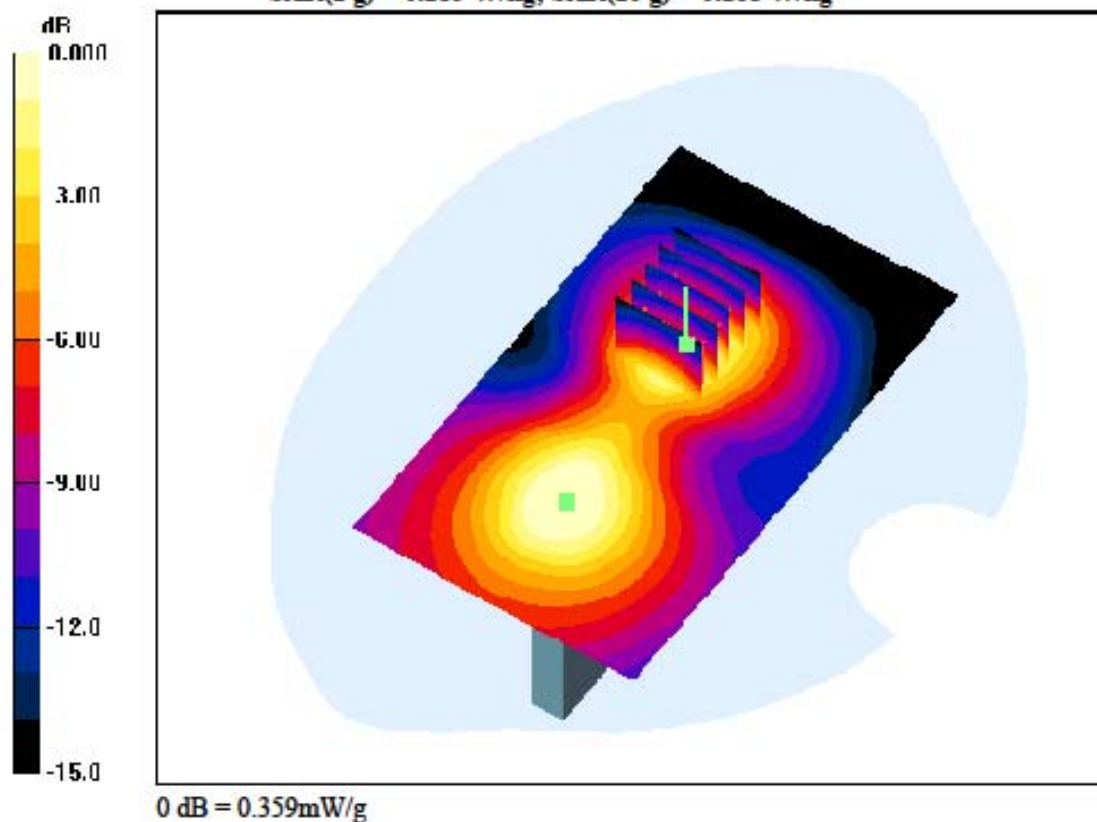
Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.168 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ 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: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Left, PCS1900 GPRS Class 12, Ch. 661, Ant. Internal

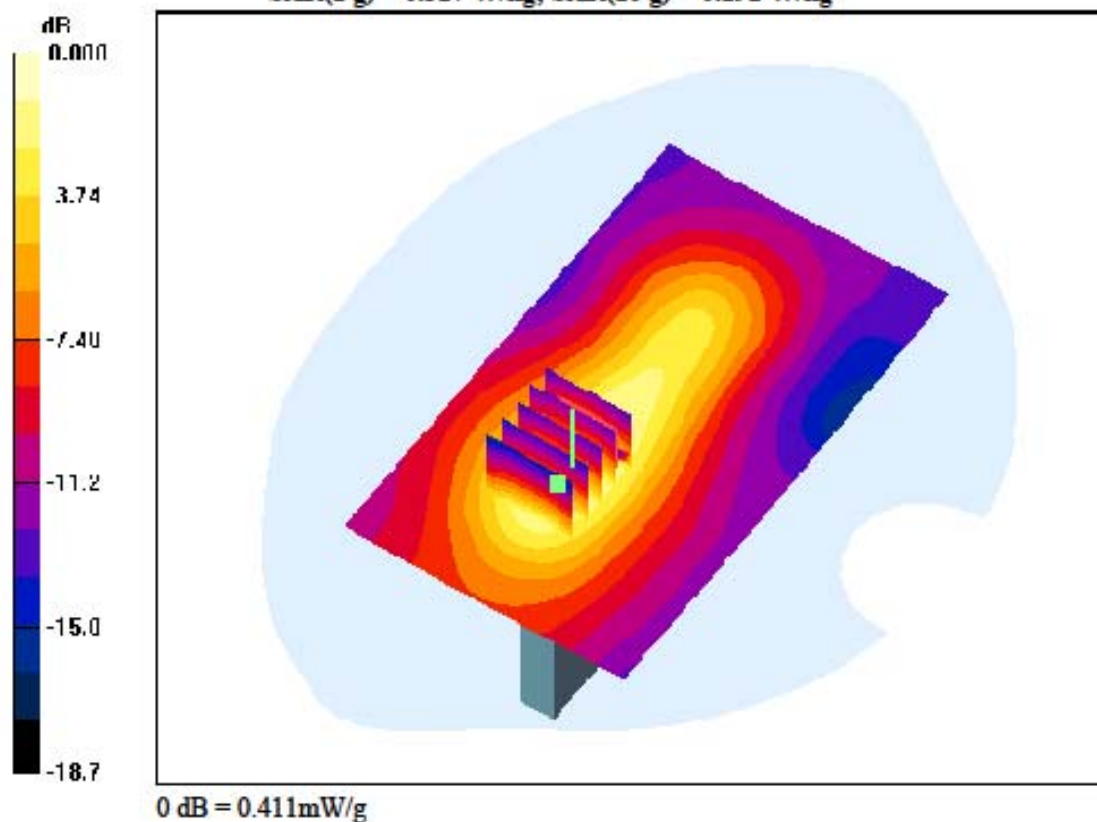
Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.096 dB

Peak SAR (extrapolated) = 0.666 W/kg

SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.192 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1850.33 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

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

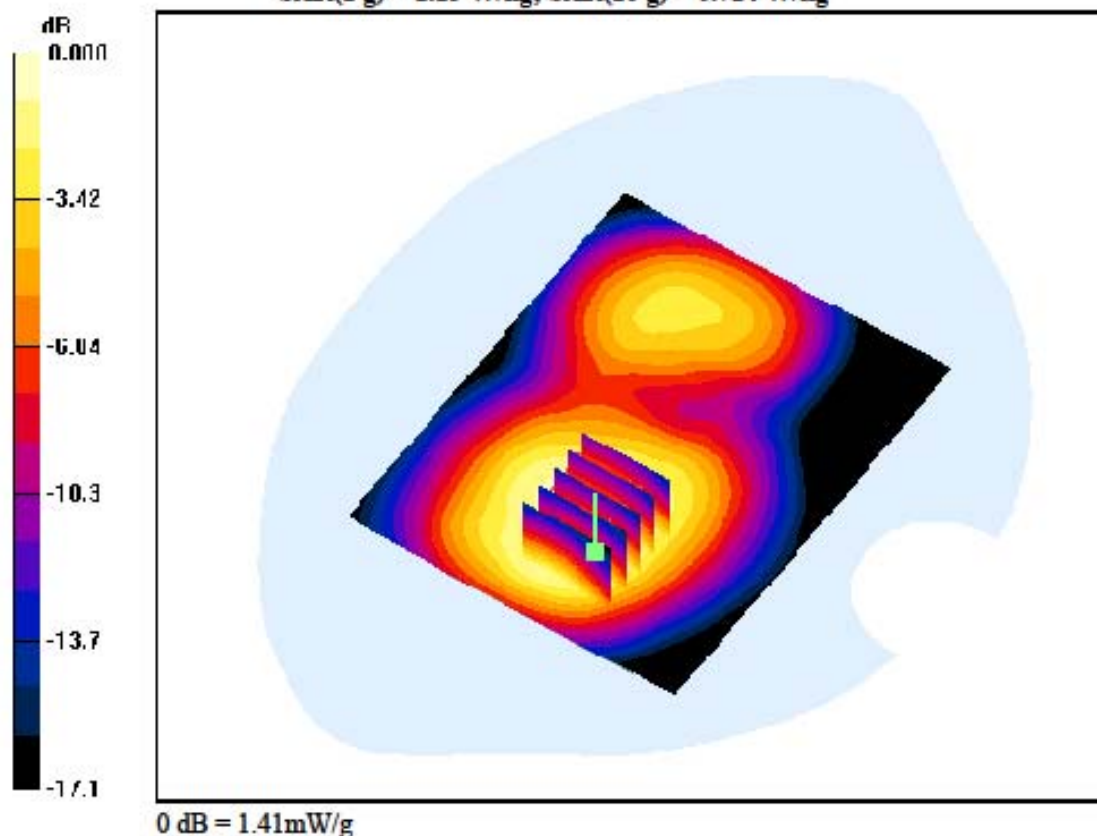
Test Date: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 EDGE Class II, Ch. 512, Ant. Internal**Area Scan (81x101x1):** Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.714 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

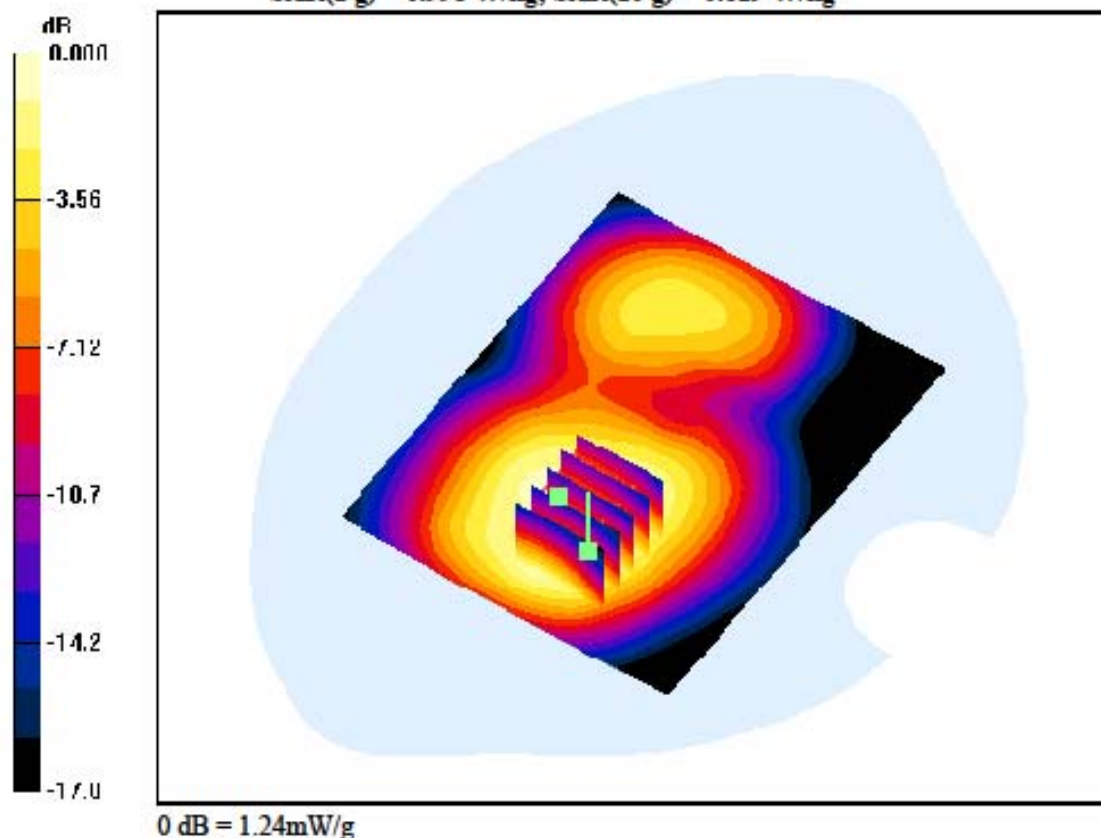
DASY4 Configuration:

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: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 EDGE Class 11, Ch. 661, Ant. Internal

Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.017 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.619 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ 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: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

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

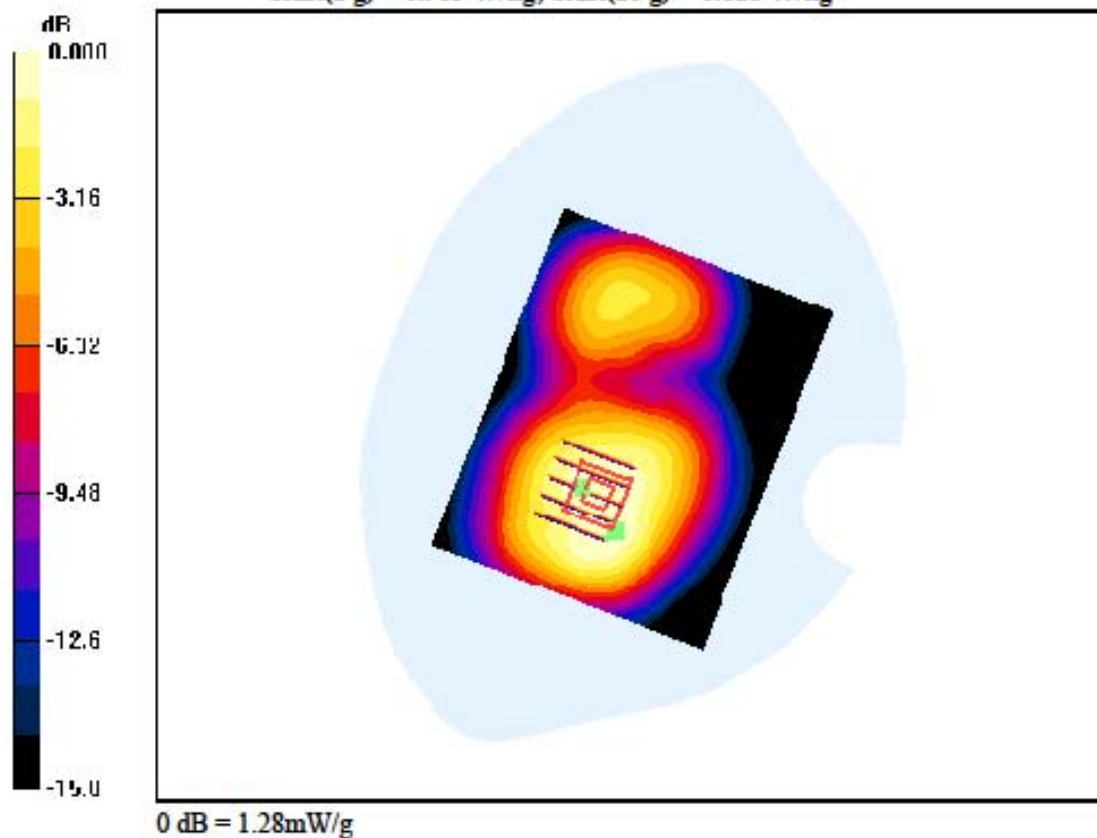
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.618 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ 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

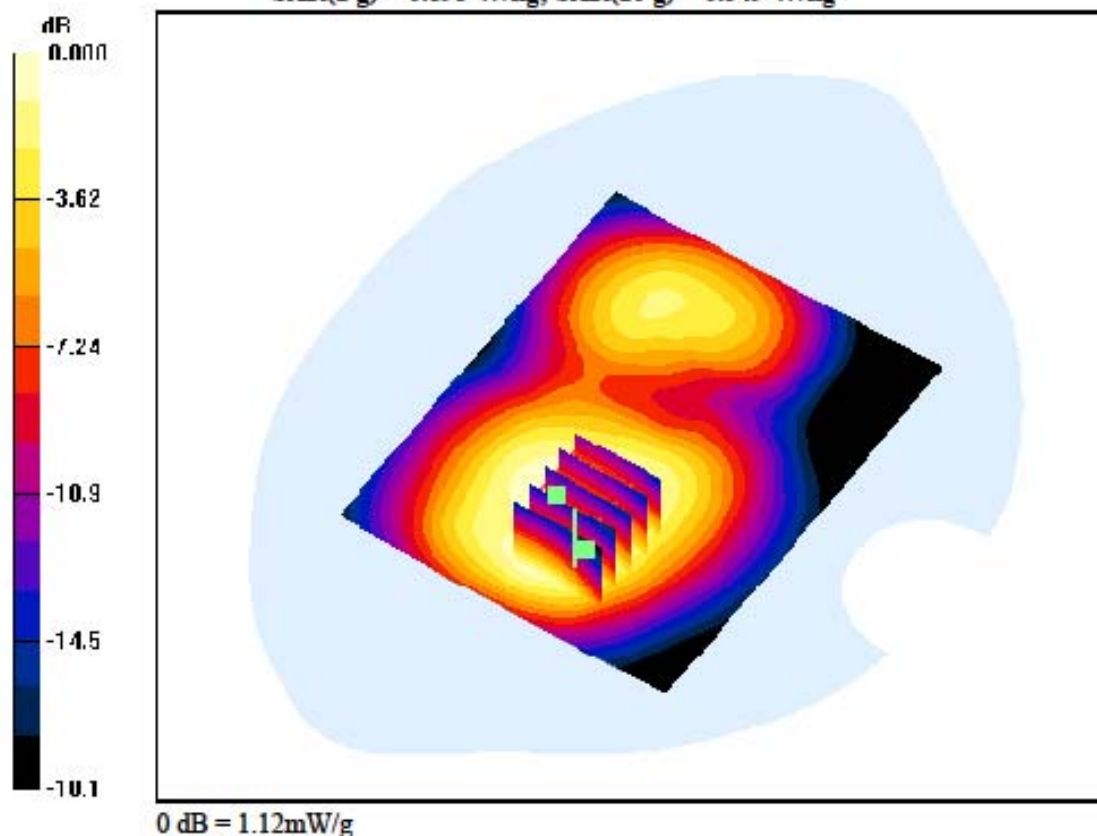
Test Date: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 EDGE Class II, Ch. 810, Ant. Internal**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.009 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.549 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium parameters used (interpolated): $f = 1909.8 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

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

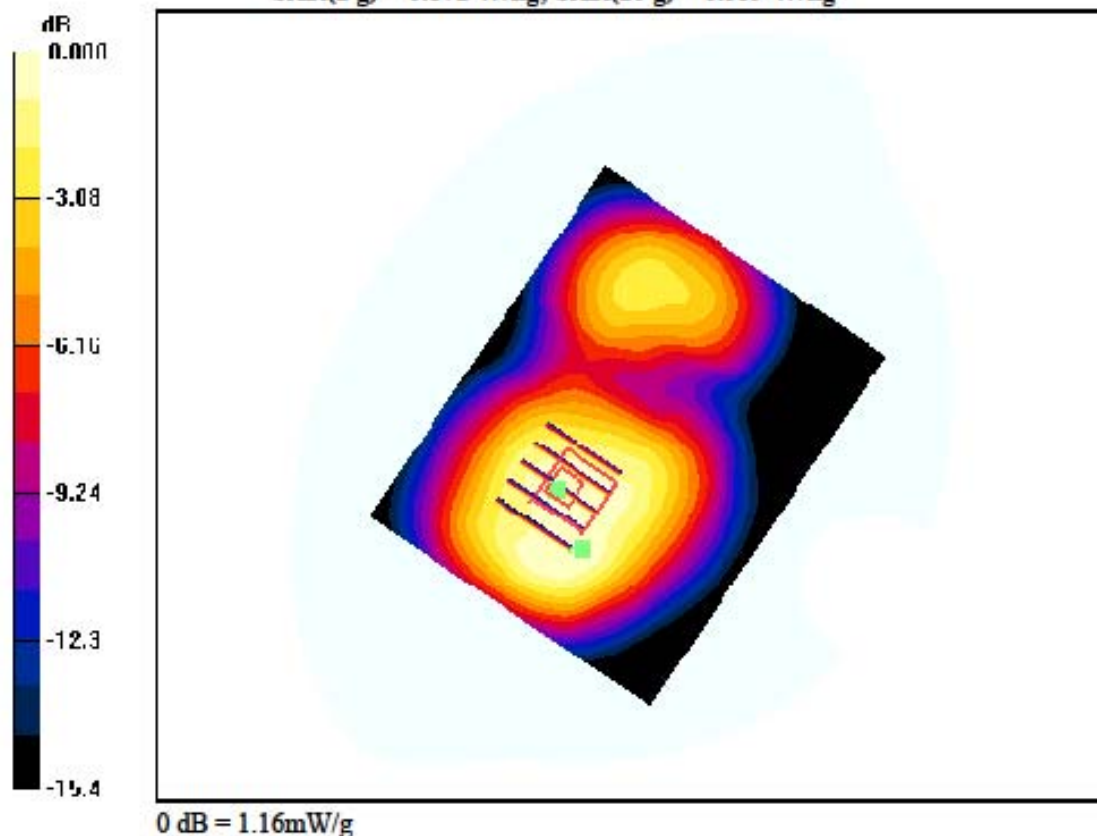
Test Date: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 EDGE Class II, Ch. 810, Ant. Internal**Area Scan (81x101x1):** Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.009 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.559 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1850.33 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

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

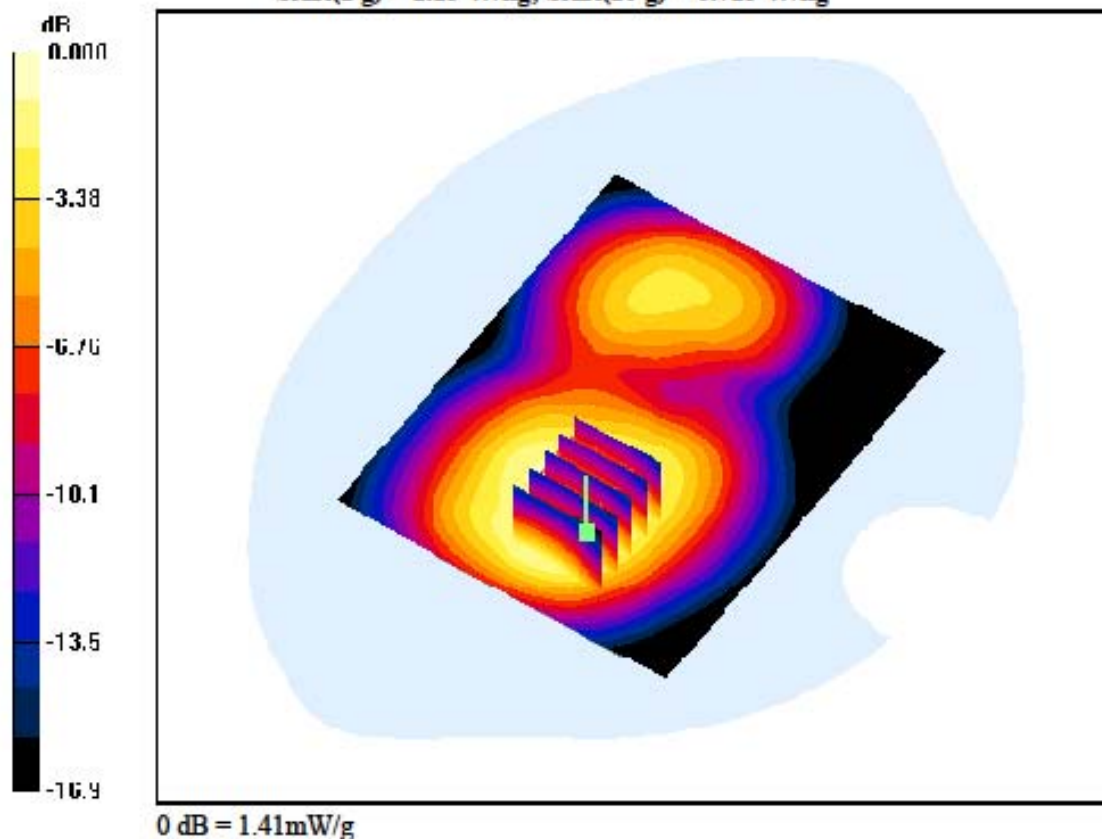
Test Date: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 EDGE Class 12, Ch. 512, Ant. Internal**Area Scan (81x101x1):** Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.015 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.715 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

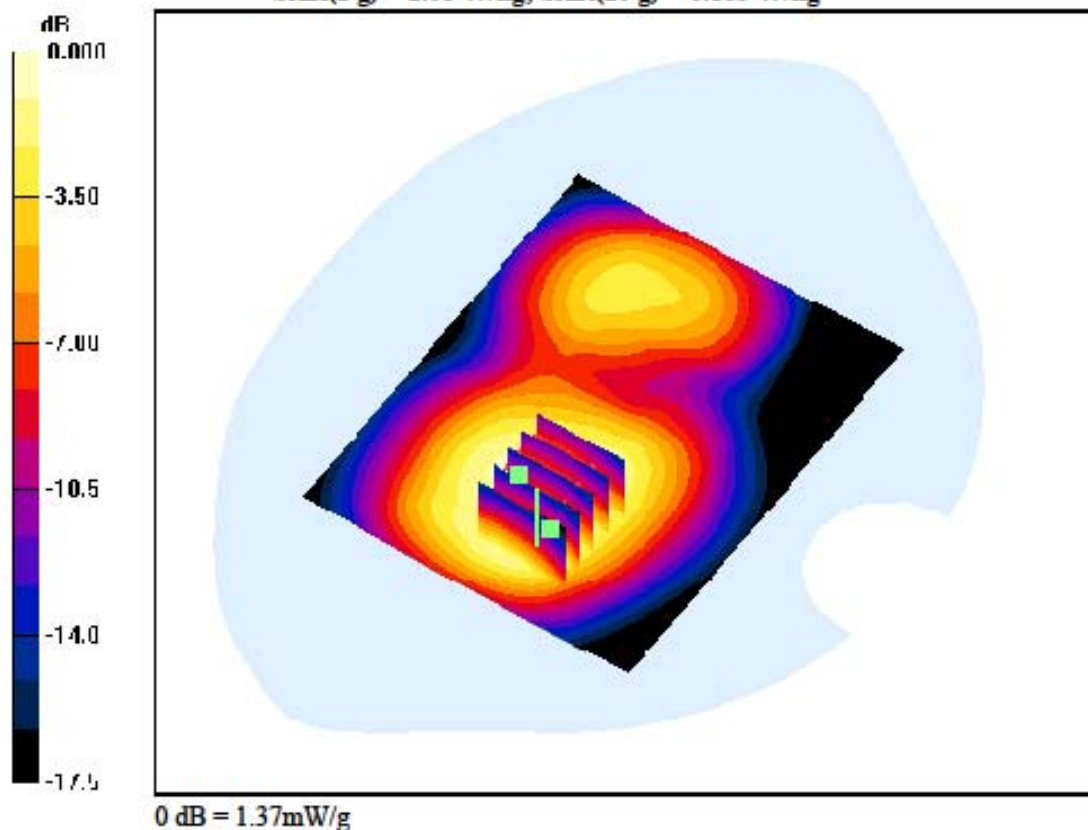
DASY4 Configuration:

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: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 EDGE Class 12, Ch. 661, Ant. Internal

Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.026 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.665 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ 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: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 EDGE Class 12, Ch. 661, Ant. Internal

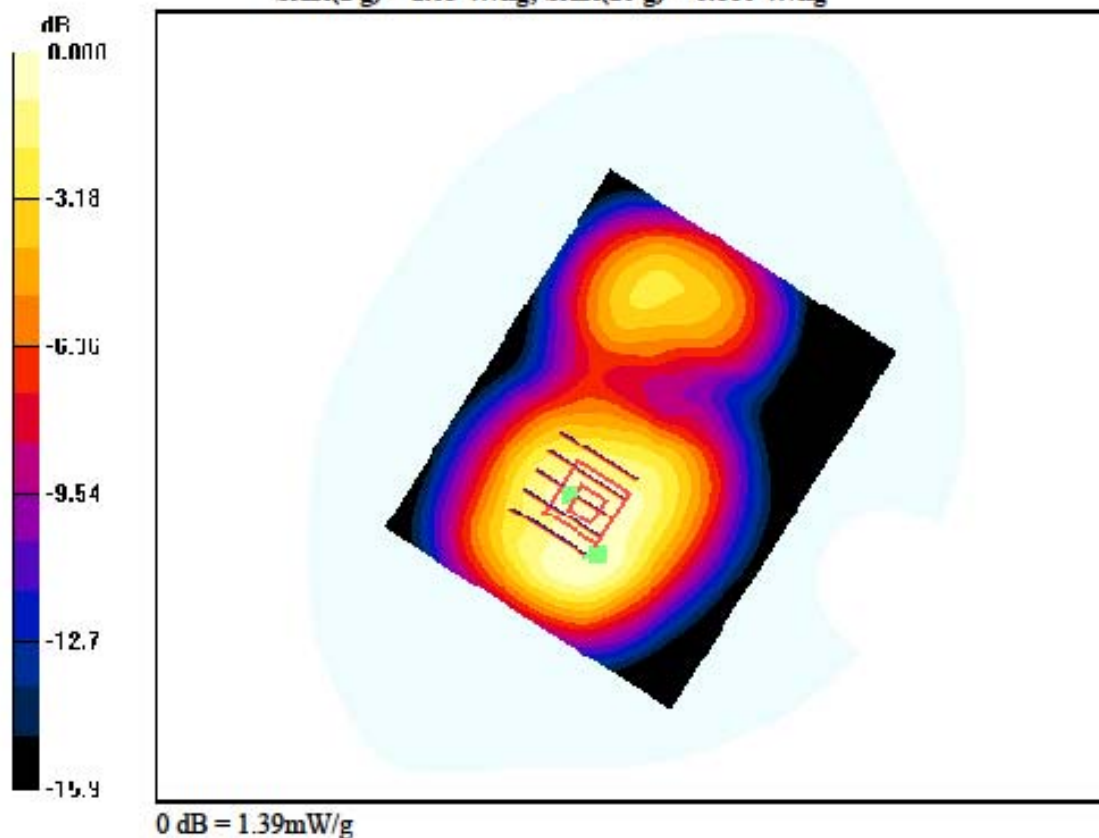
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.660 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ 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

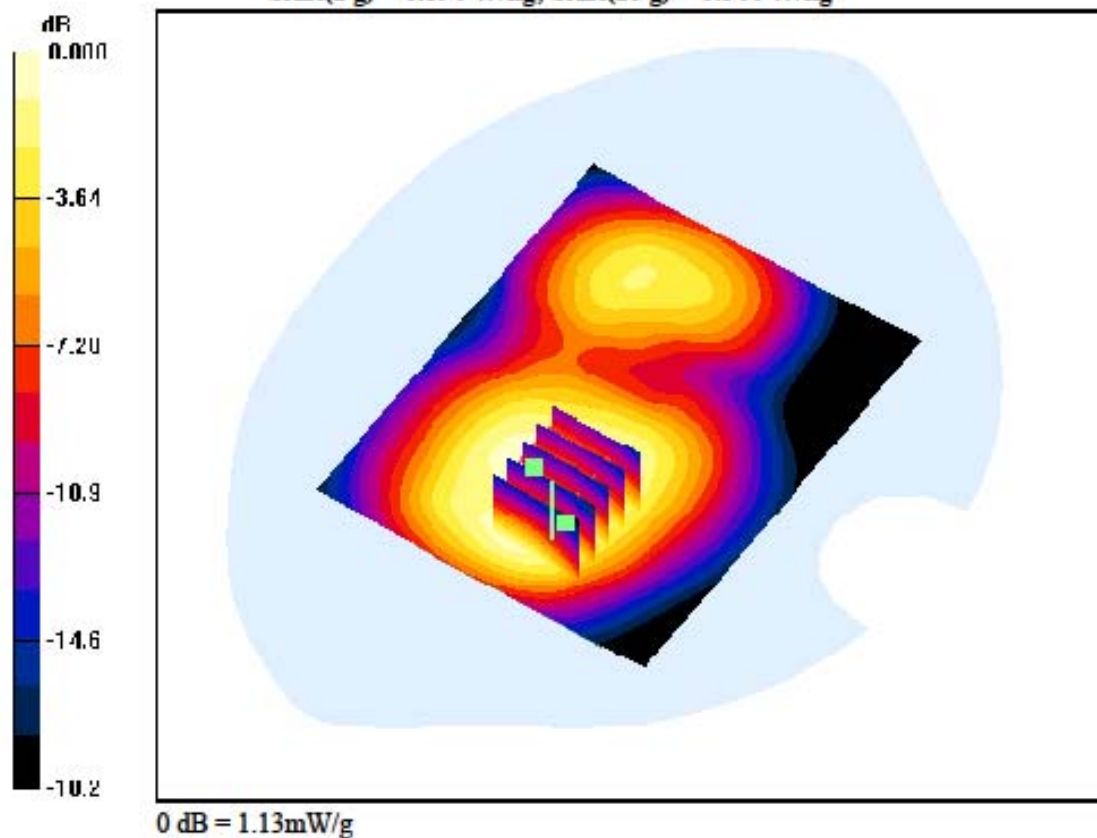
Test Date: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 EDGE Class 12, Ch. 810, Ant. Internal**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.544 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ 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

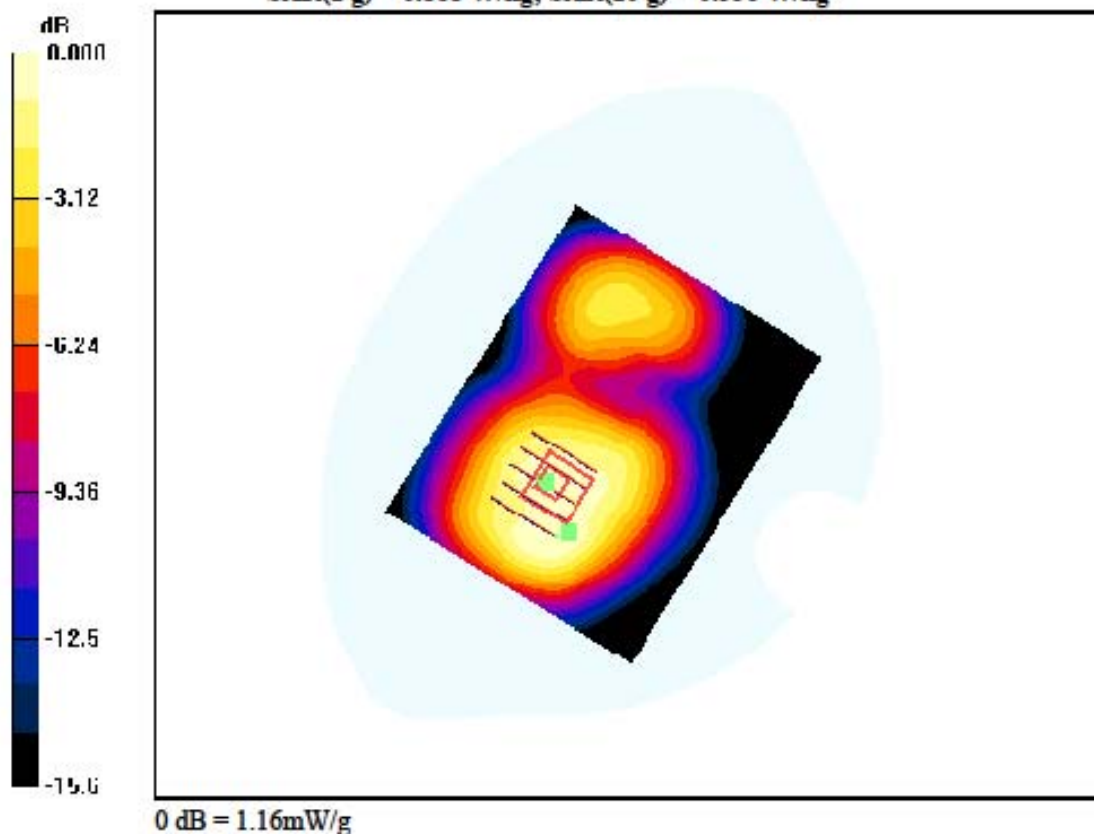
Test Date: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 EDGE Class 12, Ch. 810, Ant. Internal**Area Scan (81x101x1):** 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) = 1.55 W/kg

SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.556 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ 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: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

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

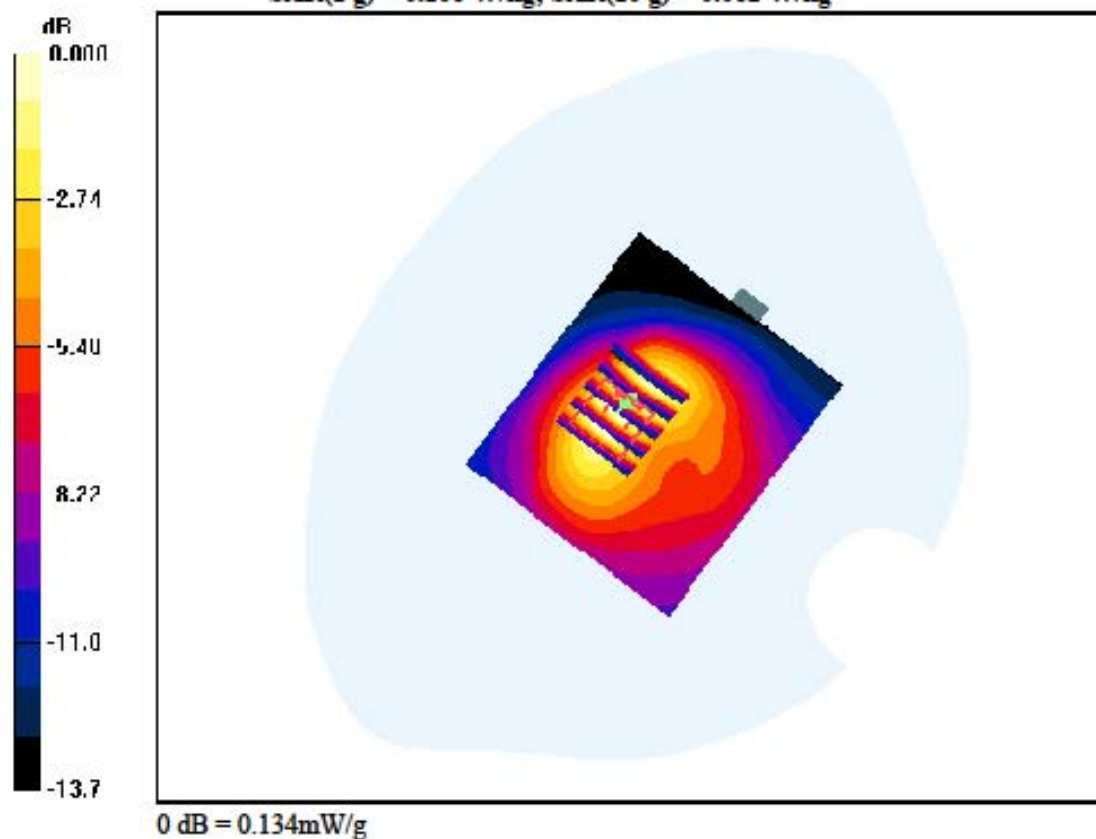
Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.062 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ 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: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

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

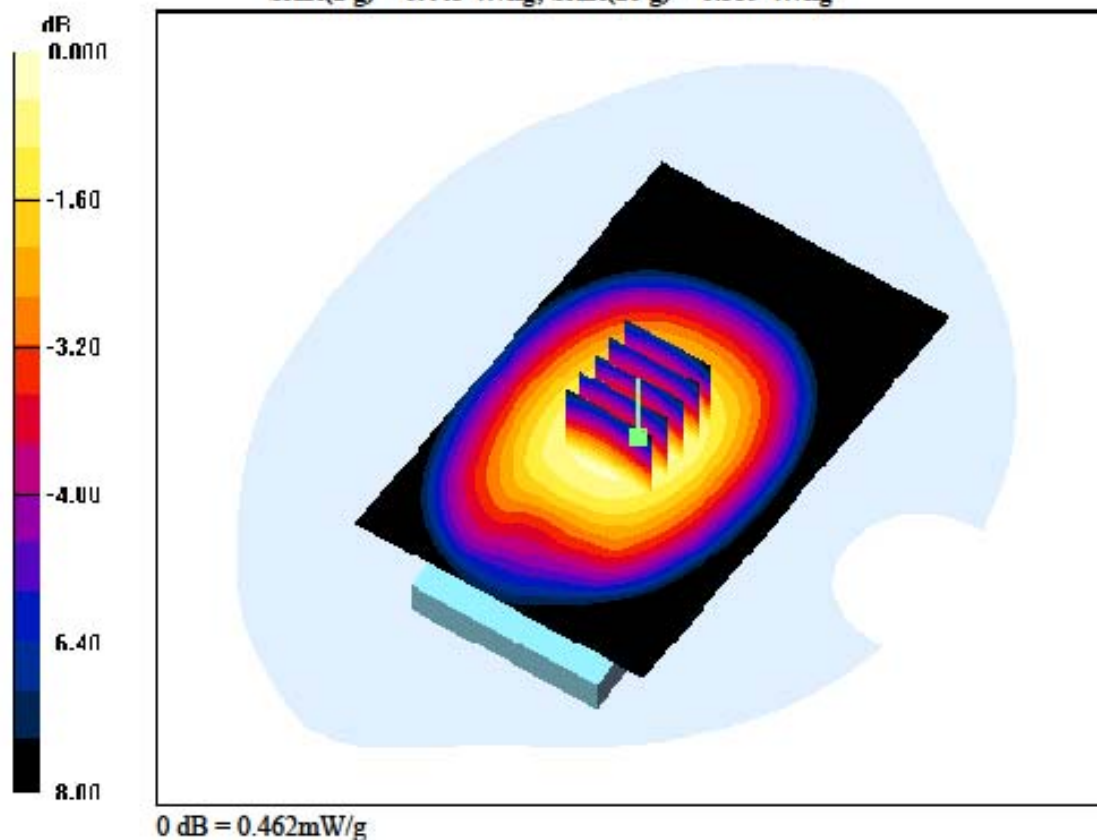
Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.115 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.339 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ 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

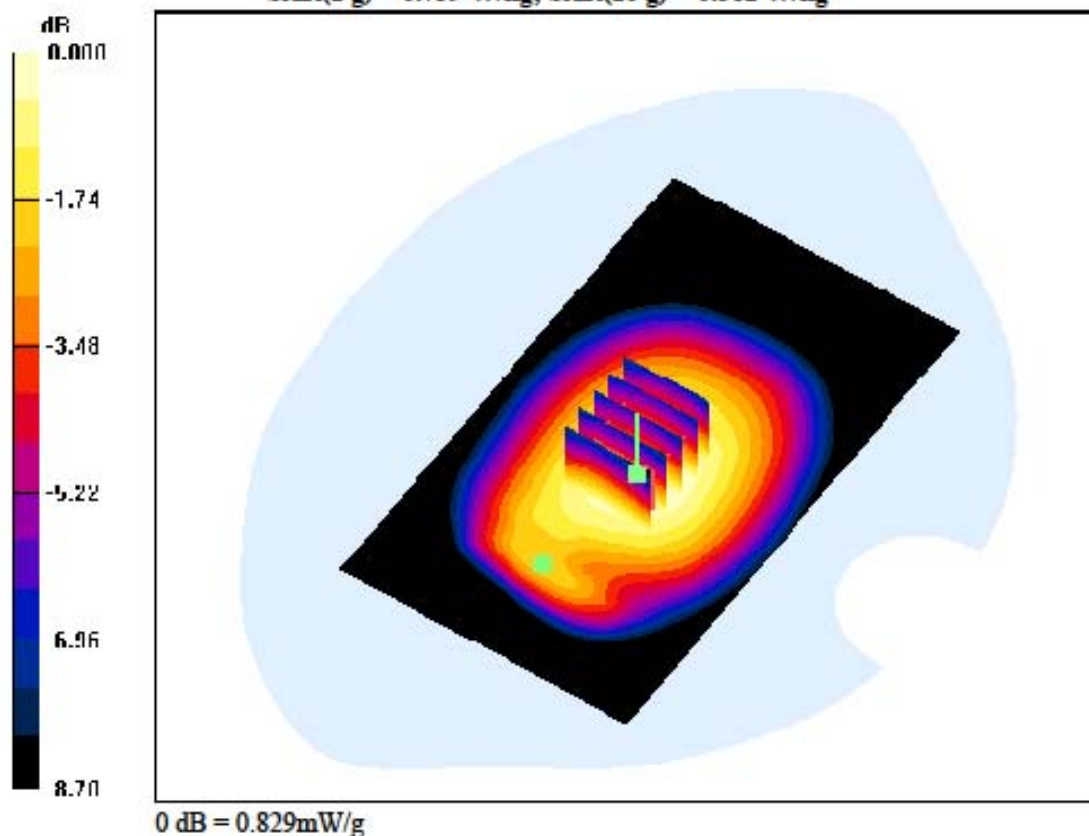
Test Date: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

1 cm space from Body, Rear, WCDMA850, Ch. 4132, Ant. Internal**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.929 W/kg

SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.562 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ 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

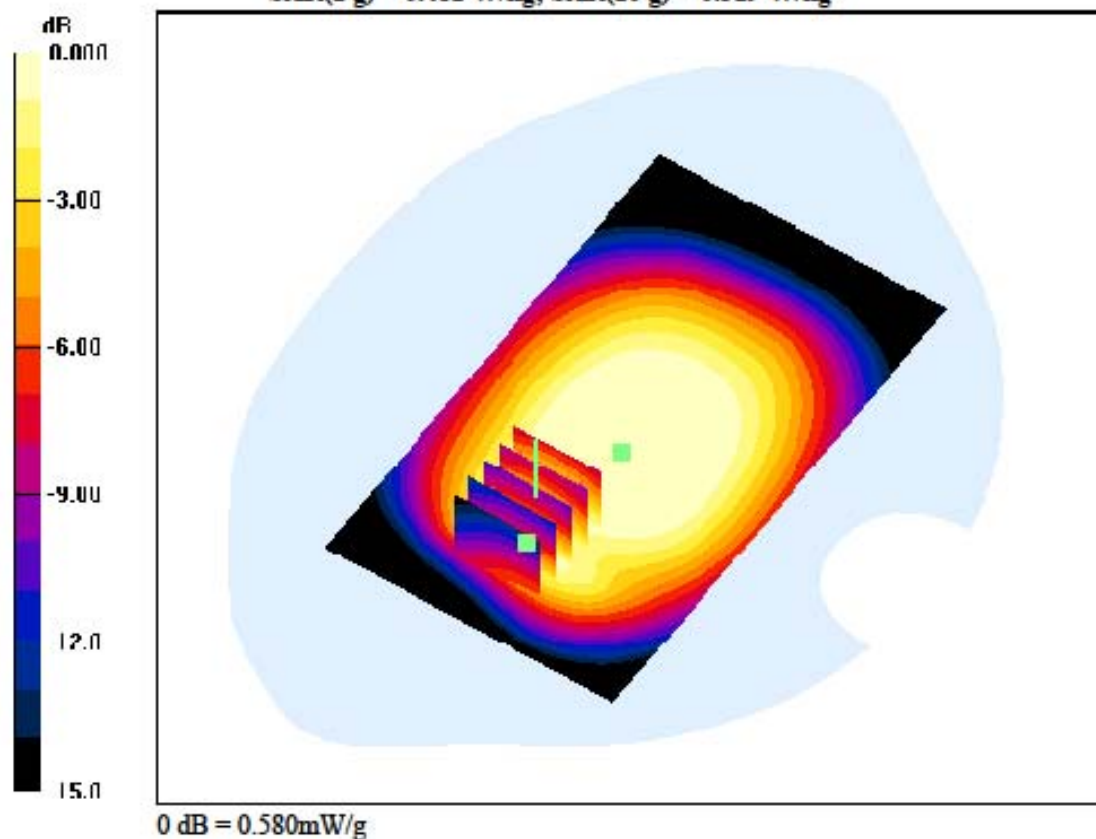
Test Date: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

1 cm space from Body, Rear, WCDMA850, Ch. 4132, Ant. Internal**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.648 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.319 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ 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: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

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

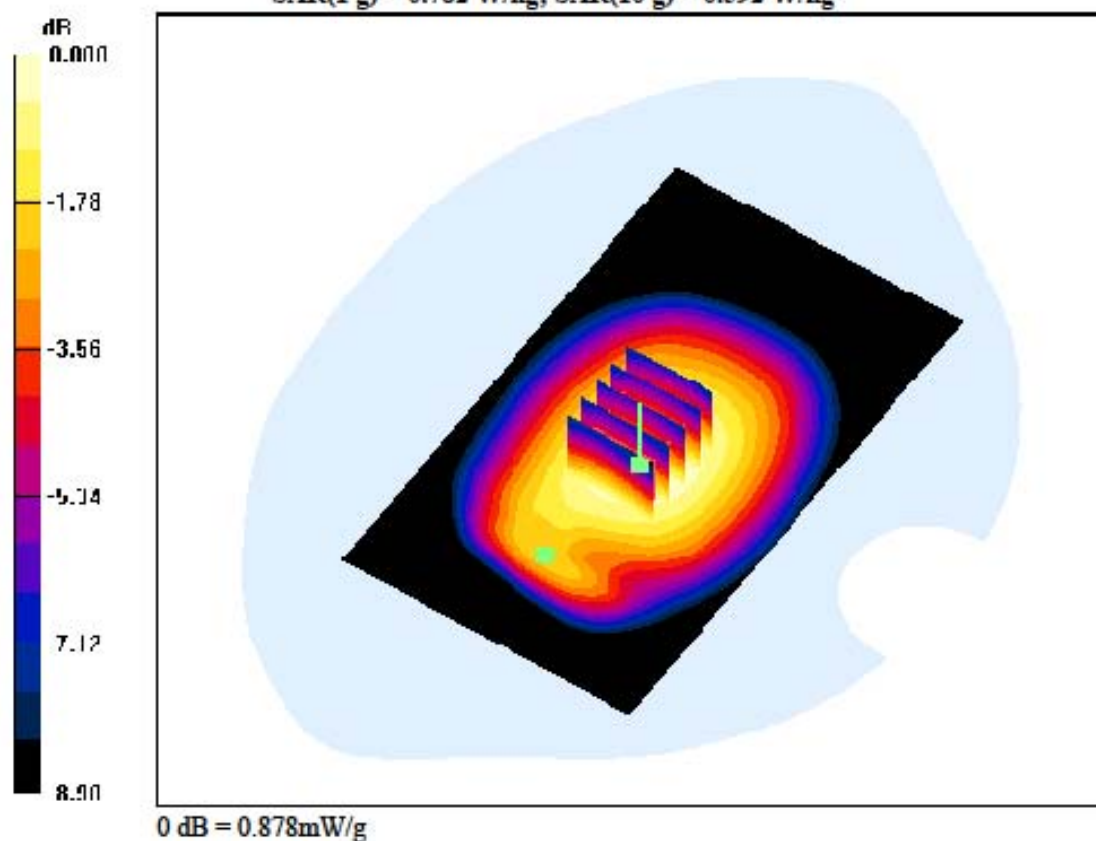
Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.986 W/kg

SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.592 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ 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: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

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

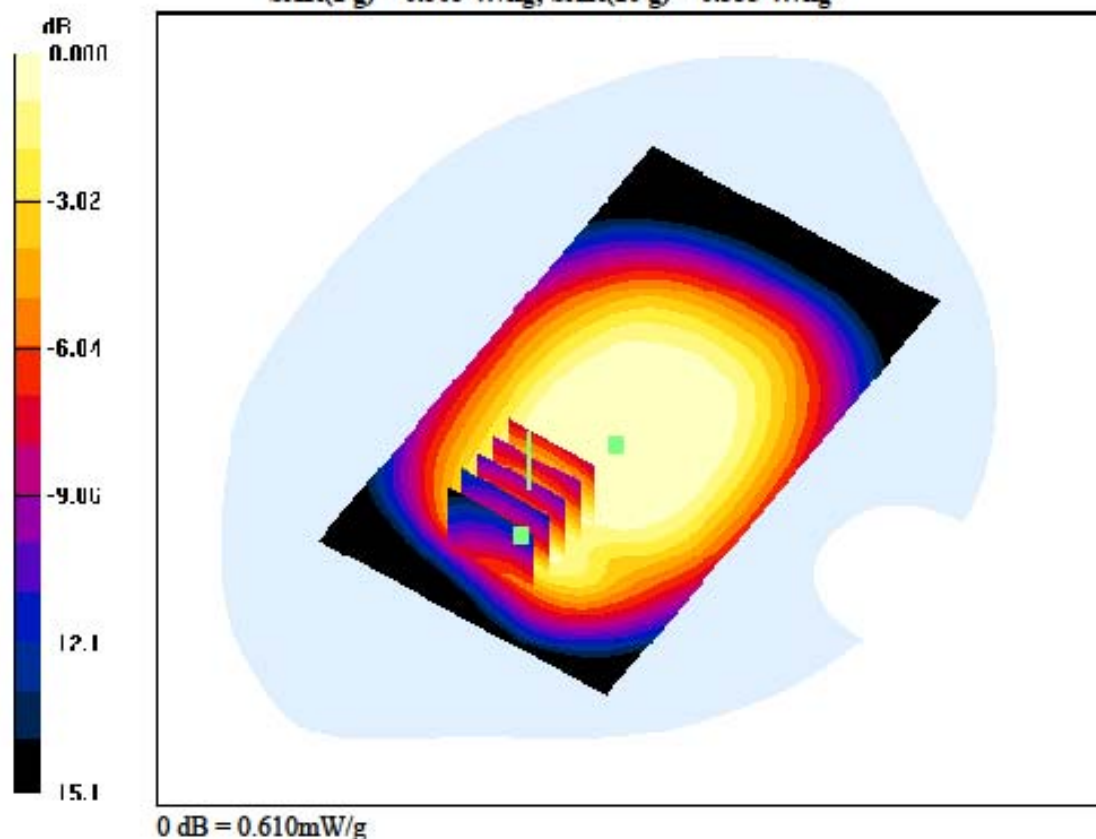
Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.333 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 846.667$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ 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

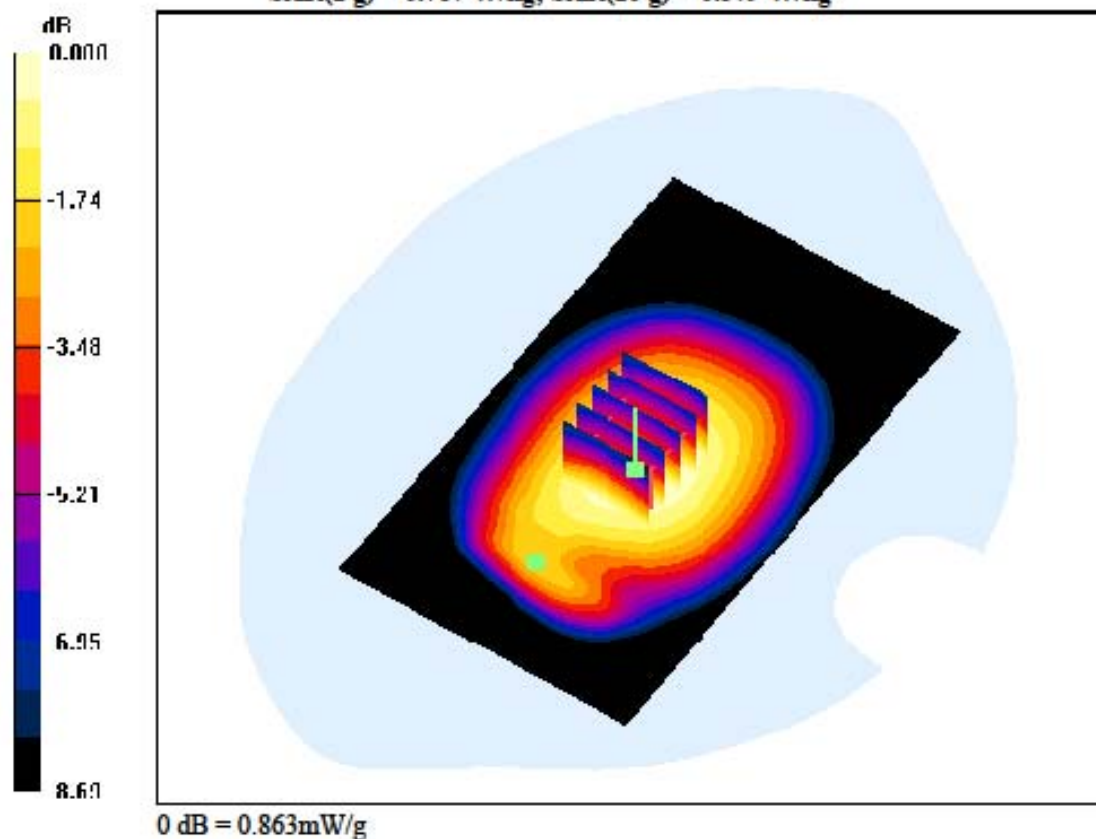
Test Date: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

1 cm space from Body, Rear, WCDMA850, Ch. 4233, Ant. Internal**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.968 W/kg

SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.579 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 846.667$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ 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

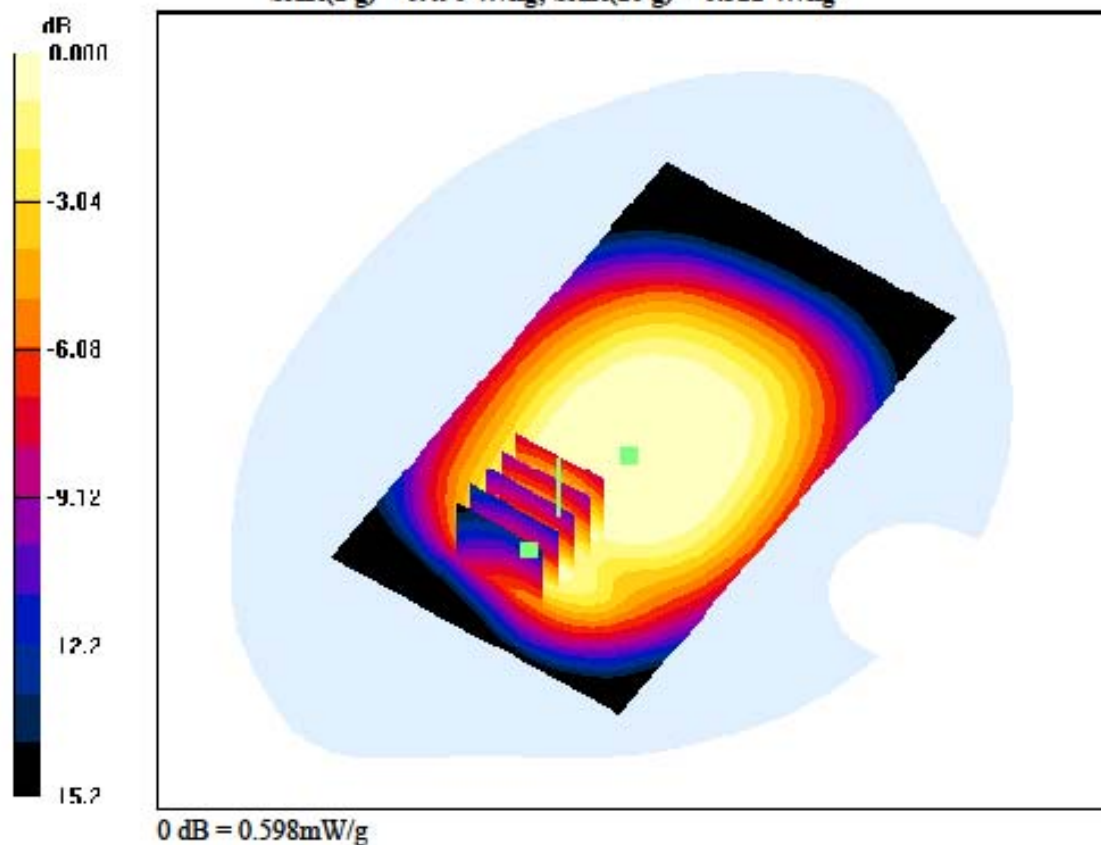
Test Date: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

1 cm space from Body, Rear, WCDMA850, Ch. 4233, Ant. Internal**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.322 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ 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: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

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

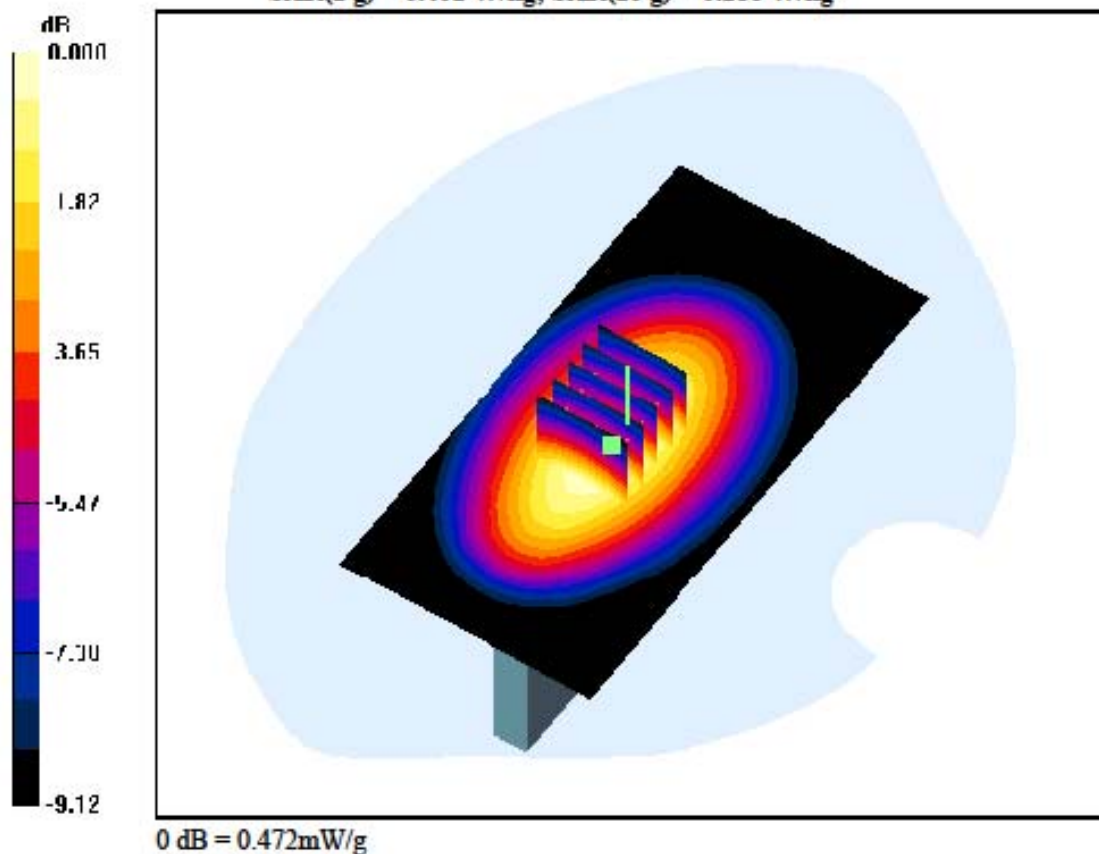
Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.286 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.667 \text{ MHz}$; $\sigma = 0.964 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
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: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

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

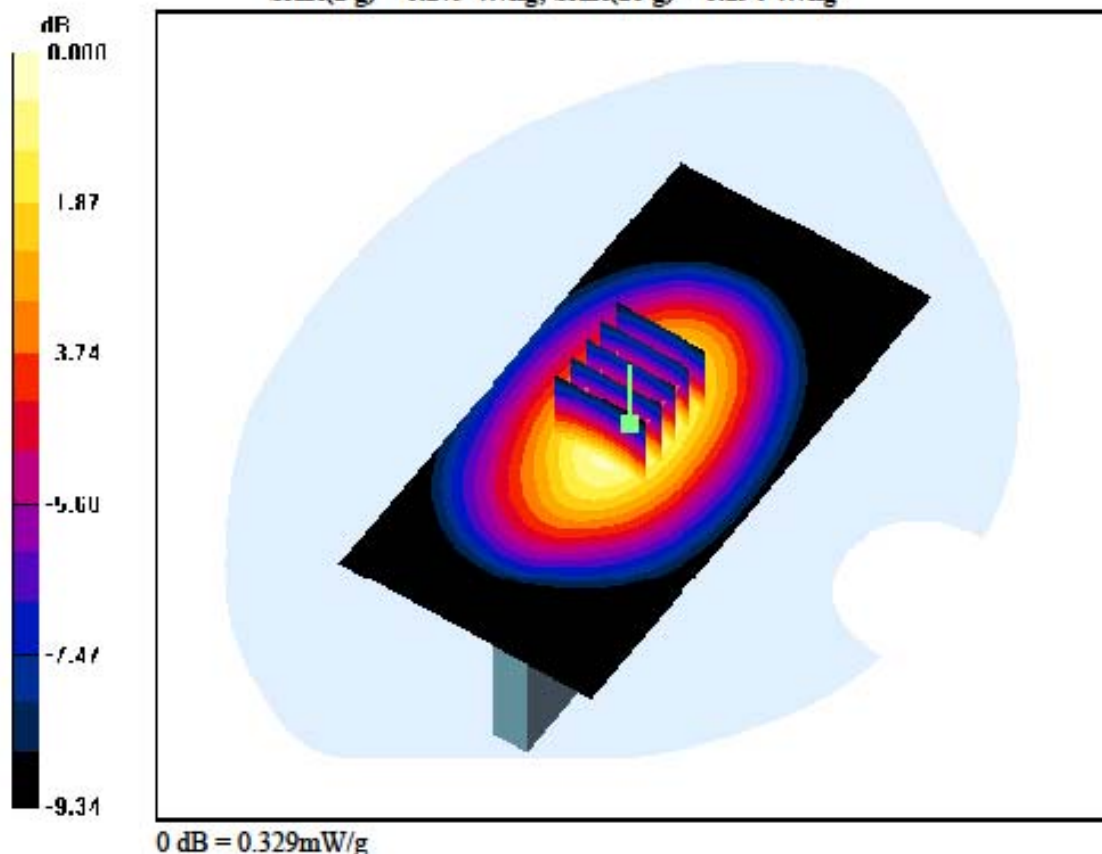
Area Scan (61x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.389 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.194 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ 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: 2012-03-15; Ambient Temp: 21.8; Tissue Temp: 22.0

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

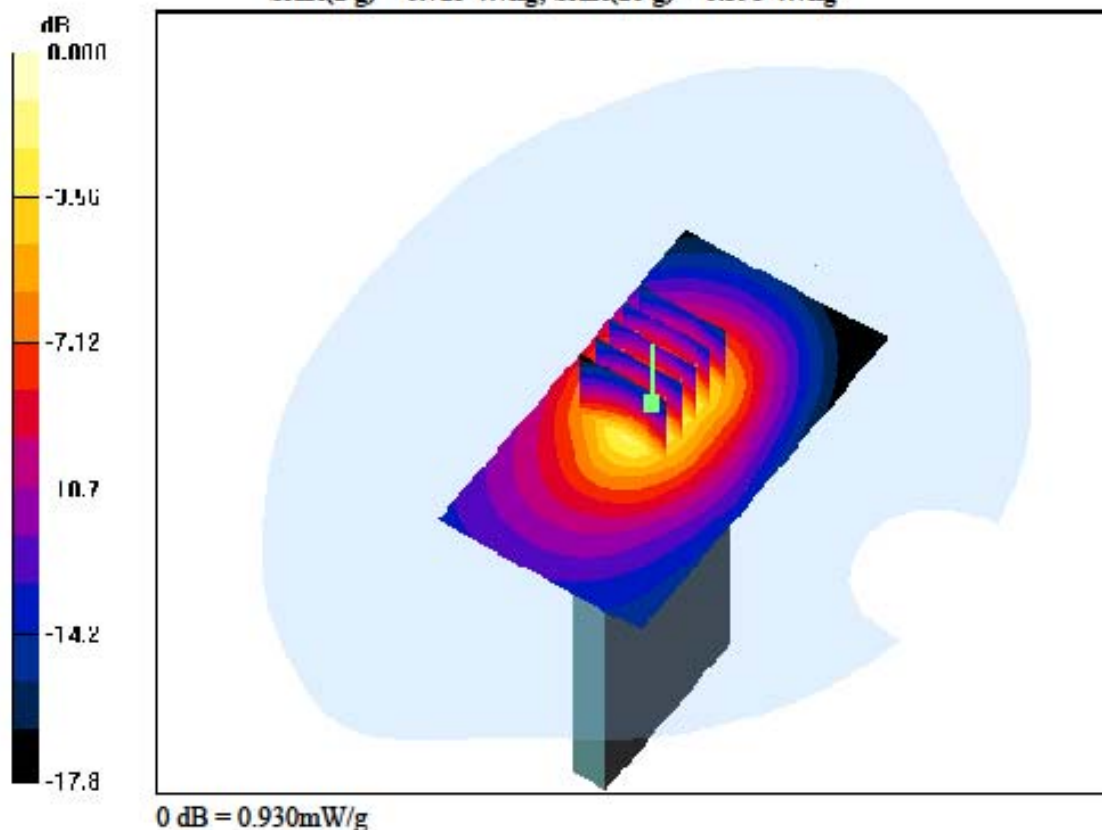
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.133 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.395 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ 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: 2012-03-15; Ambient Temp: 21.8; Tissue Temp: 22.0

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

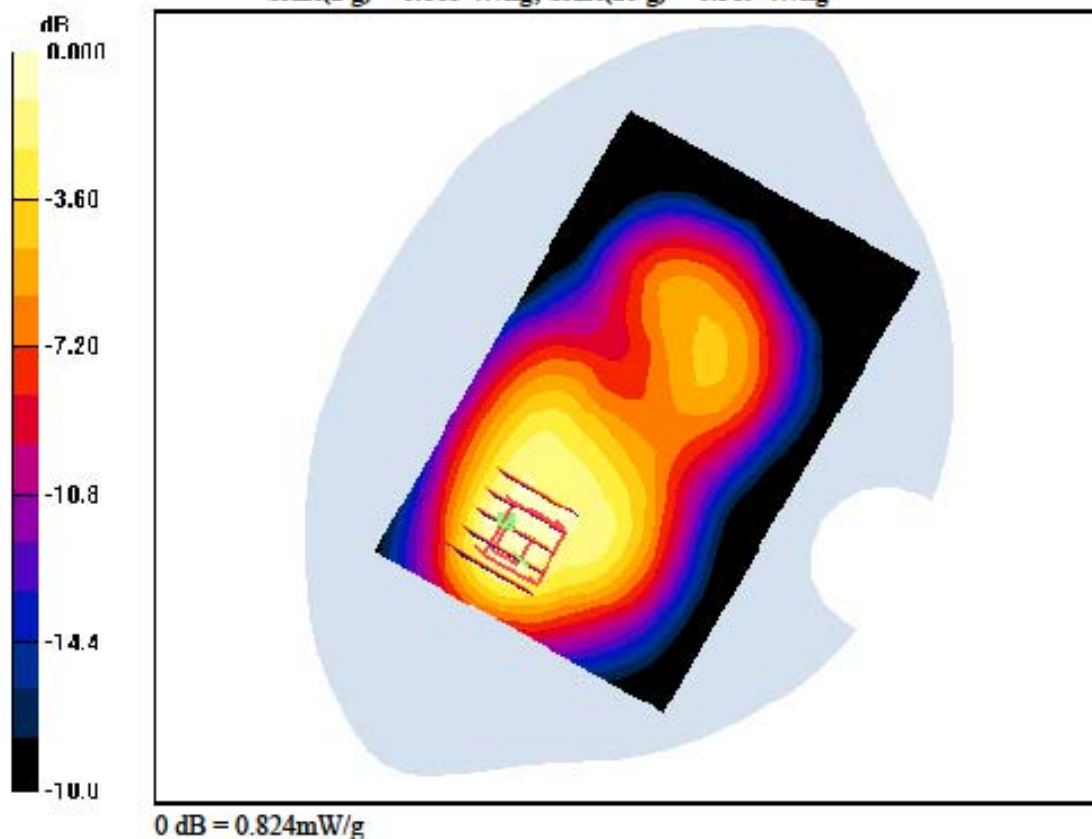
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.092 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.665 W/kg; SAR(10 g) = 0.389 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ 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: 2012-03-15; Ambient Temp: 21.8; Tissue Temp: 22.0

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

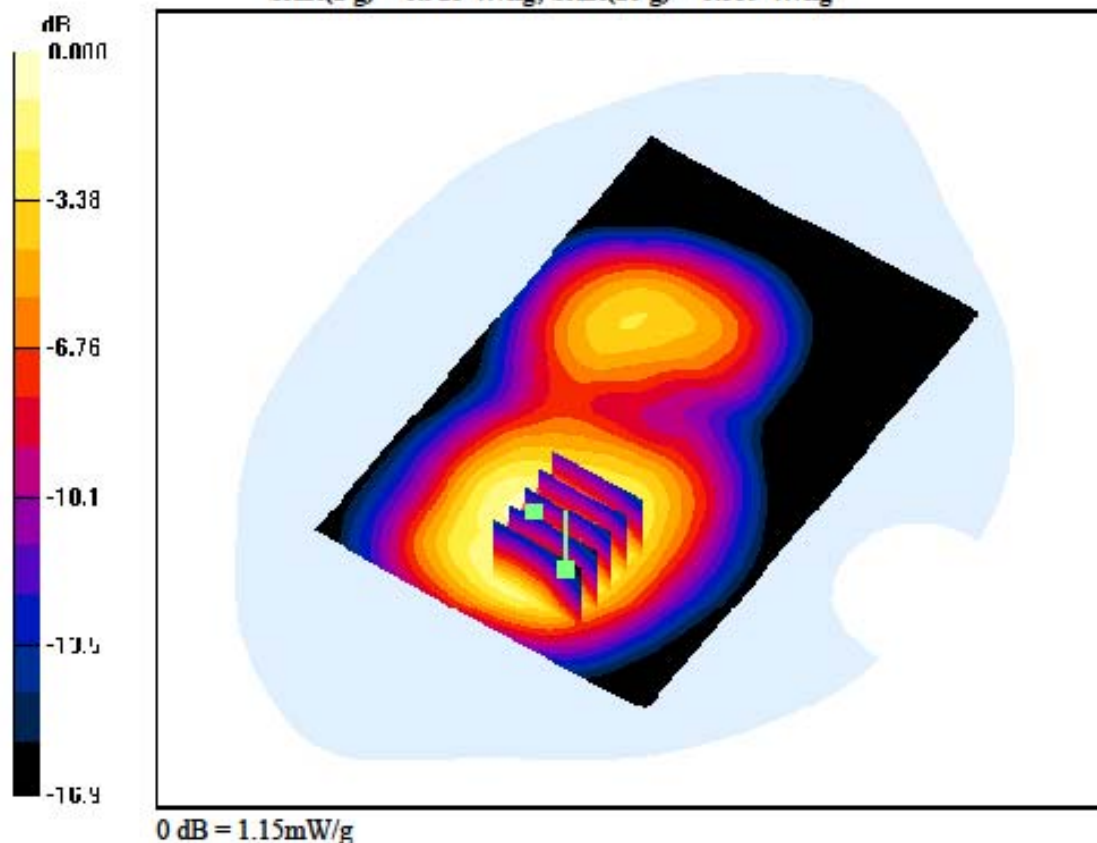
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.092 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.559 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ 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: 2012-03-15; Ambient Temp: 21.8; Tissue Temp: 22.0

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

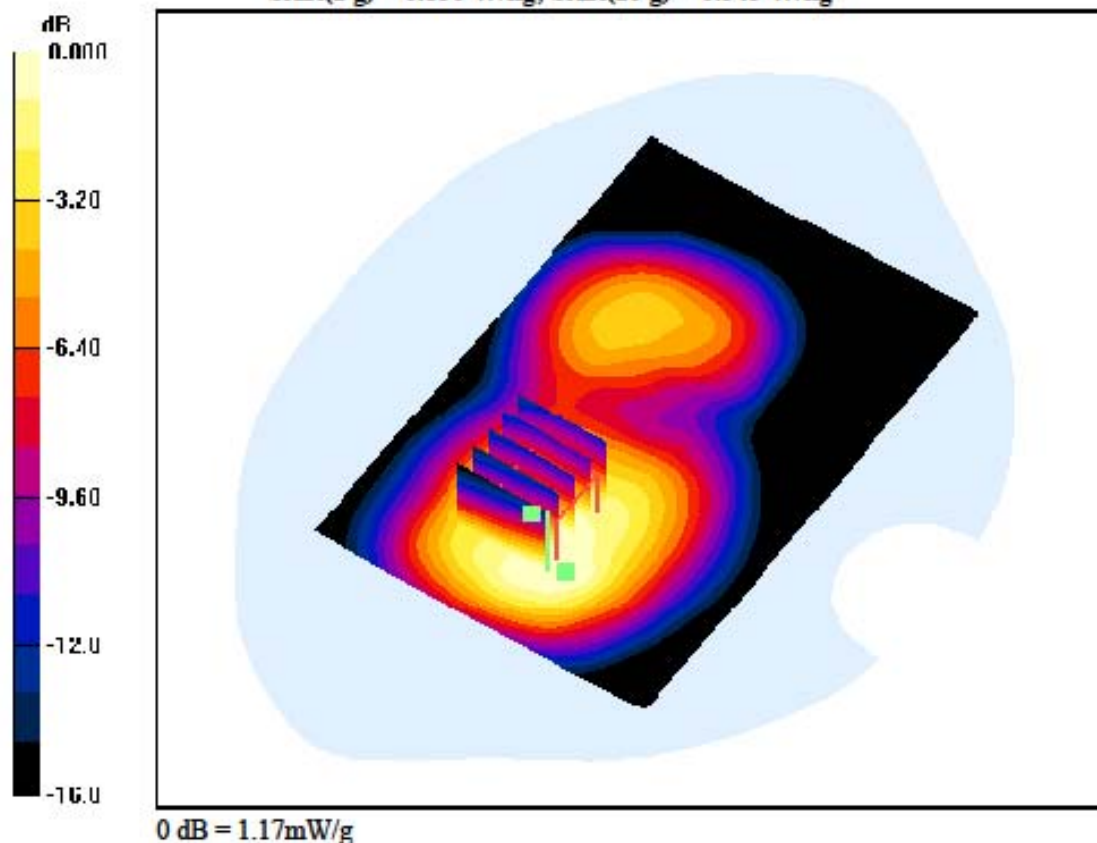
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.092 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.545 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ 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: 2012-03-15; Ambient Temp: 21.8; Tissue Temp: 22.0

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

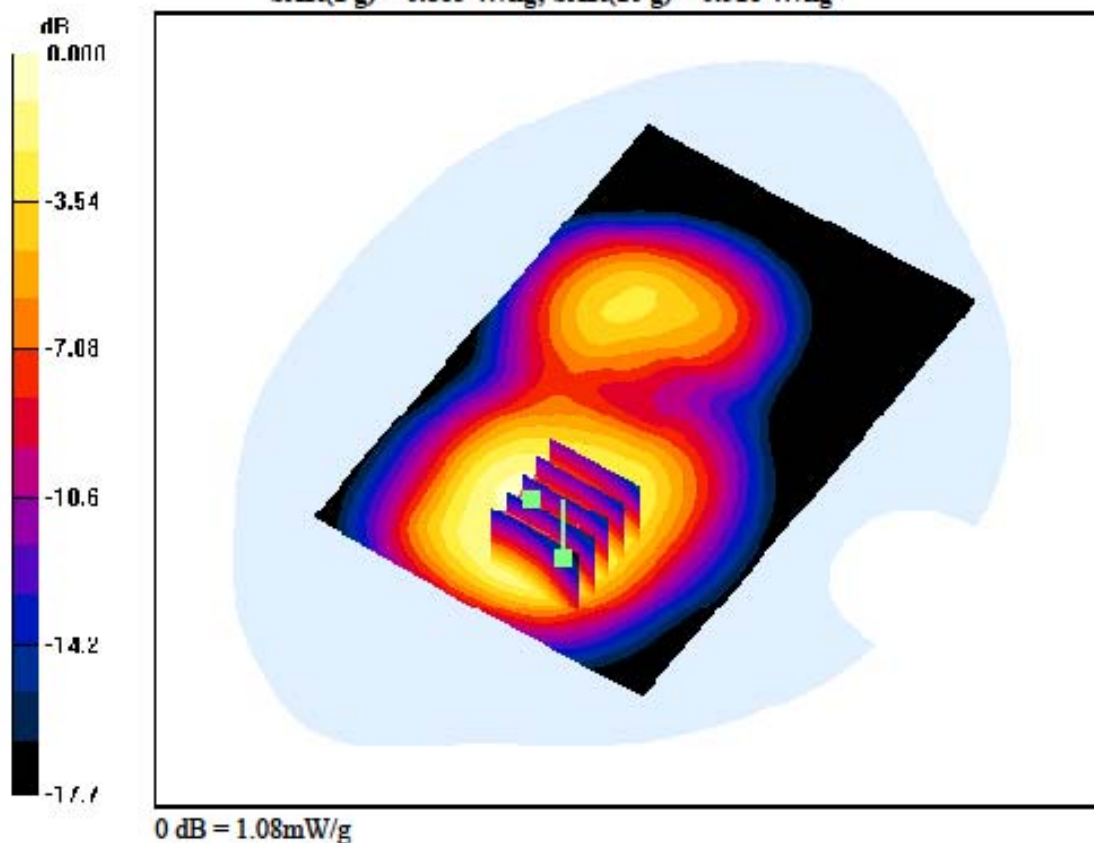
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.079 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.865 W/kg; SAR(10 g) = 0.516 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ 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: 2012-03-15; Ambient Temp: 21.8; Tissue Temp: 22.0

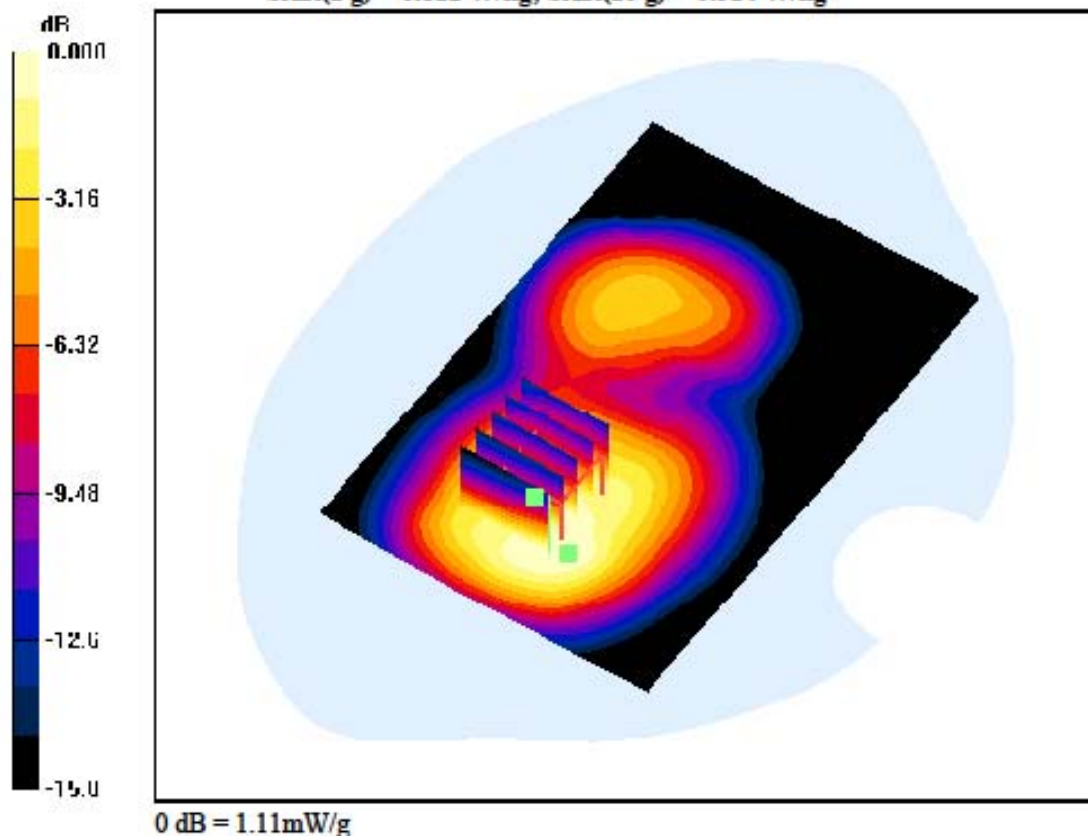
1 cm space from Body, Rear, WCDMA1900, Ch. 9400, Ant. Internal

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

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.079 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.514 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.67 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$
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: 2012-03-15; Ambient Temp: 21.8; Tissue Temp: 22.0

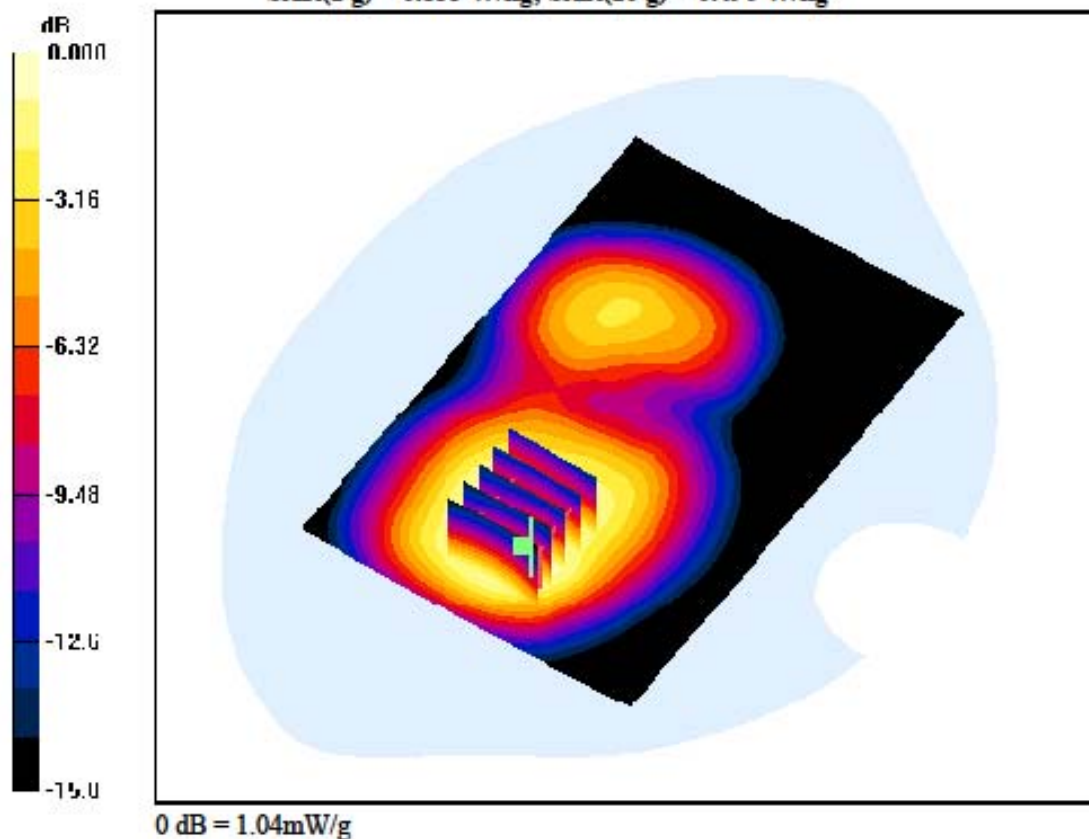
1 cm space from Body, Rear, WCDMA1900, Ch. 9538, Ant. Internal

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 = 0.036 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.490 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ 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: 2012-03-15; Ambient Temp: 21.8; Tissue Temp: 22.0

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

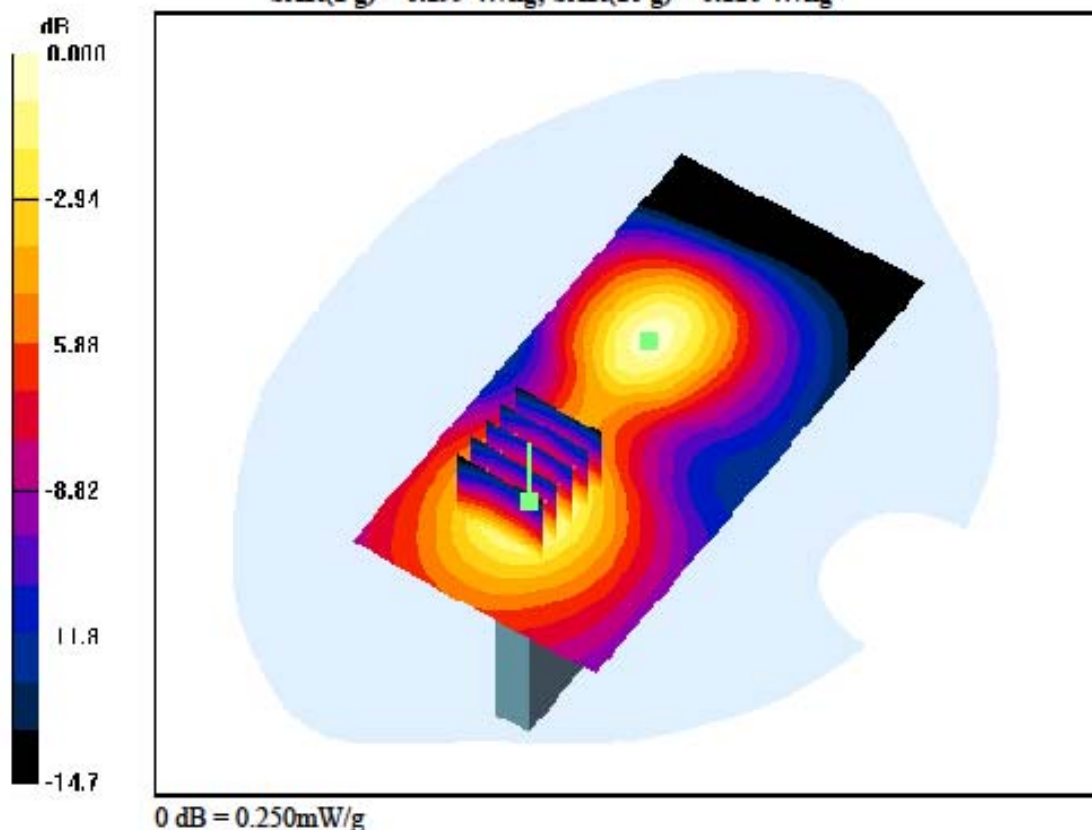
Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.120 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ 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: 2012-03-15; Ambient Temp: 21.8; Tissue Temp: 22.0

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

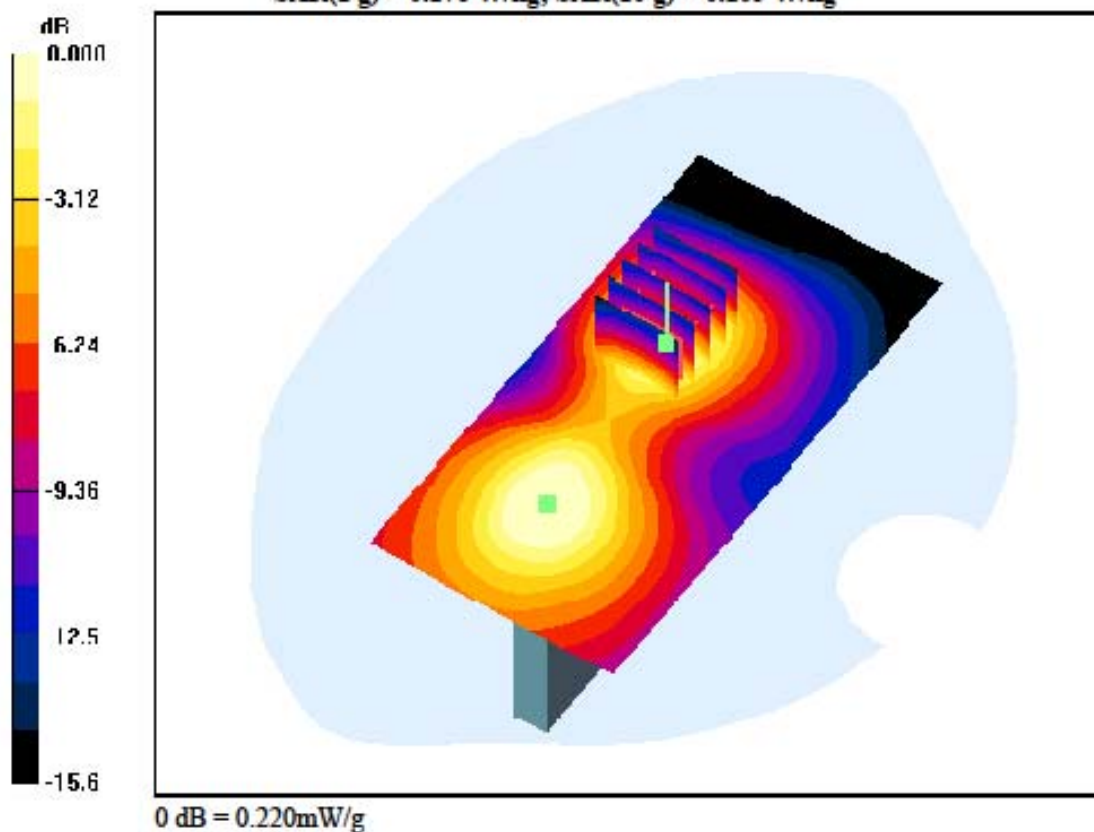
Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.105 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ 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: 2012-03-15; Ambient Temp: 21.8; Tissue Temp: 22.0

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

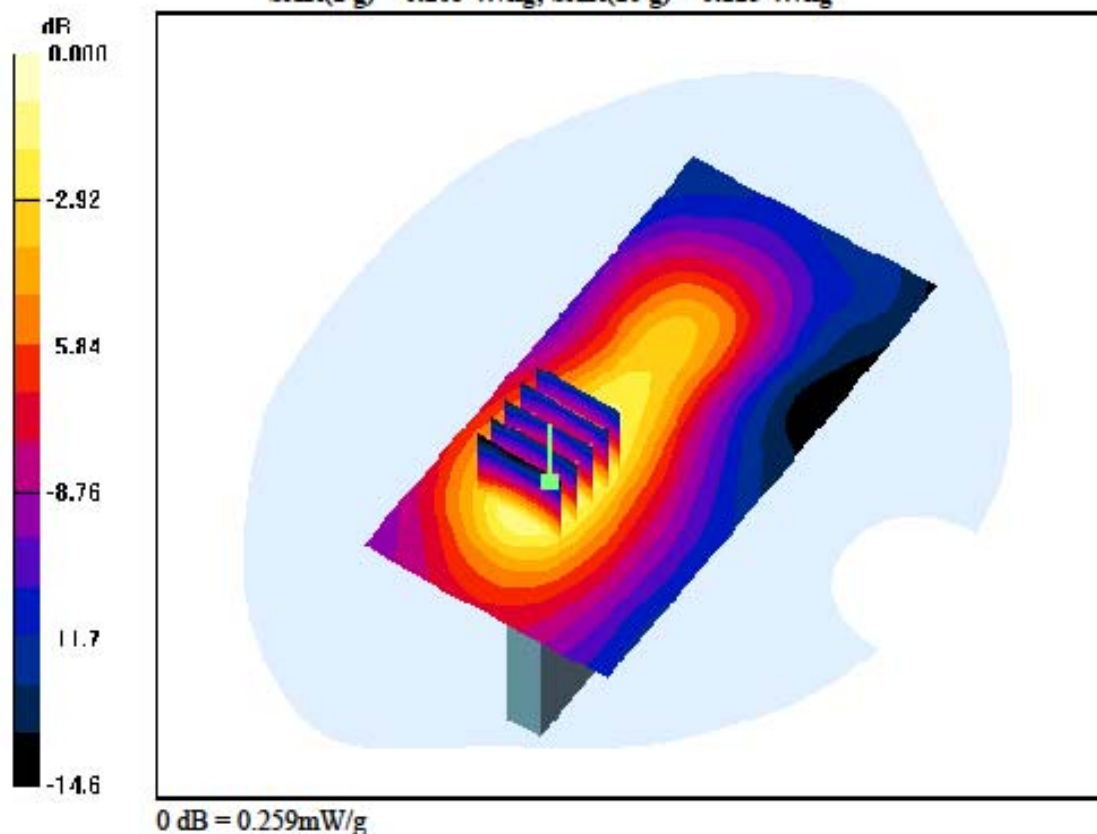
Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.125 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2012-03-17; Ambient Temp: 22.3; Tissue Temp: 22.4

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

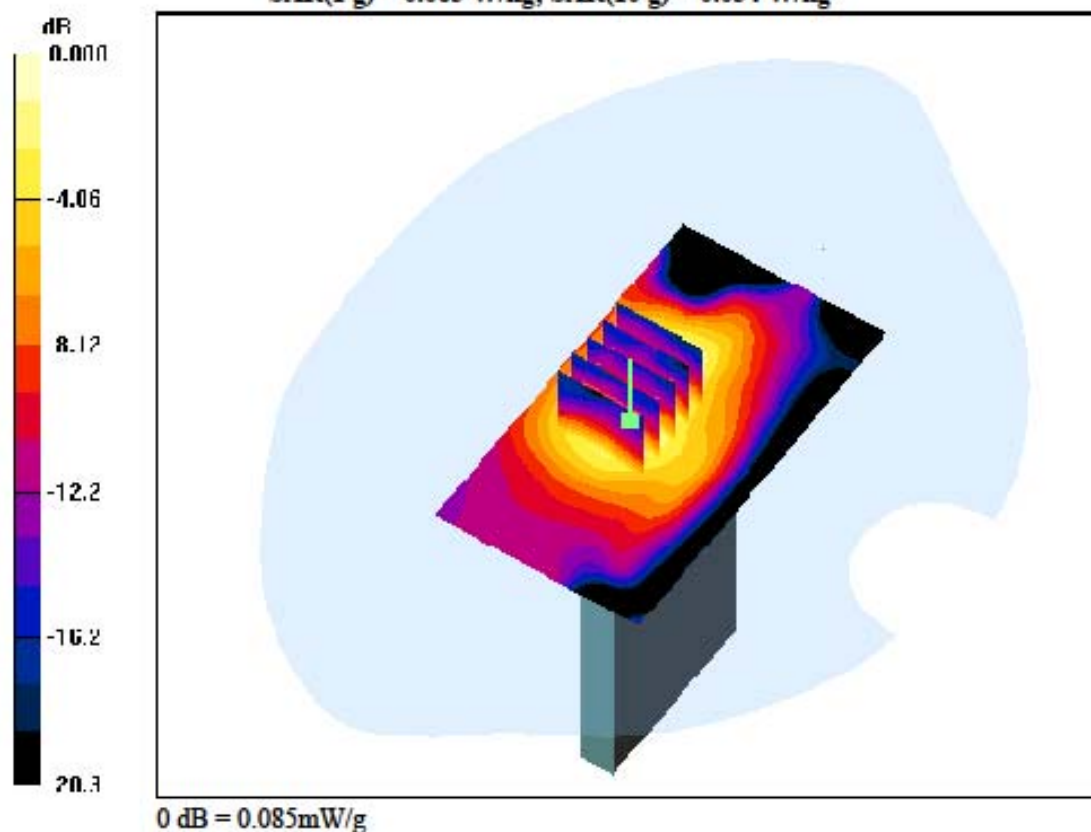
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.034 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ 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: 2012-03-17; Ambient Temp: 22.3; Tissue Temp: 22.4

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

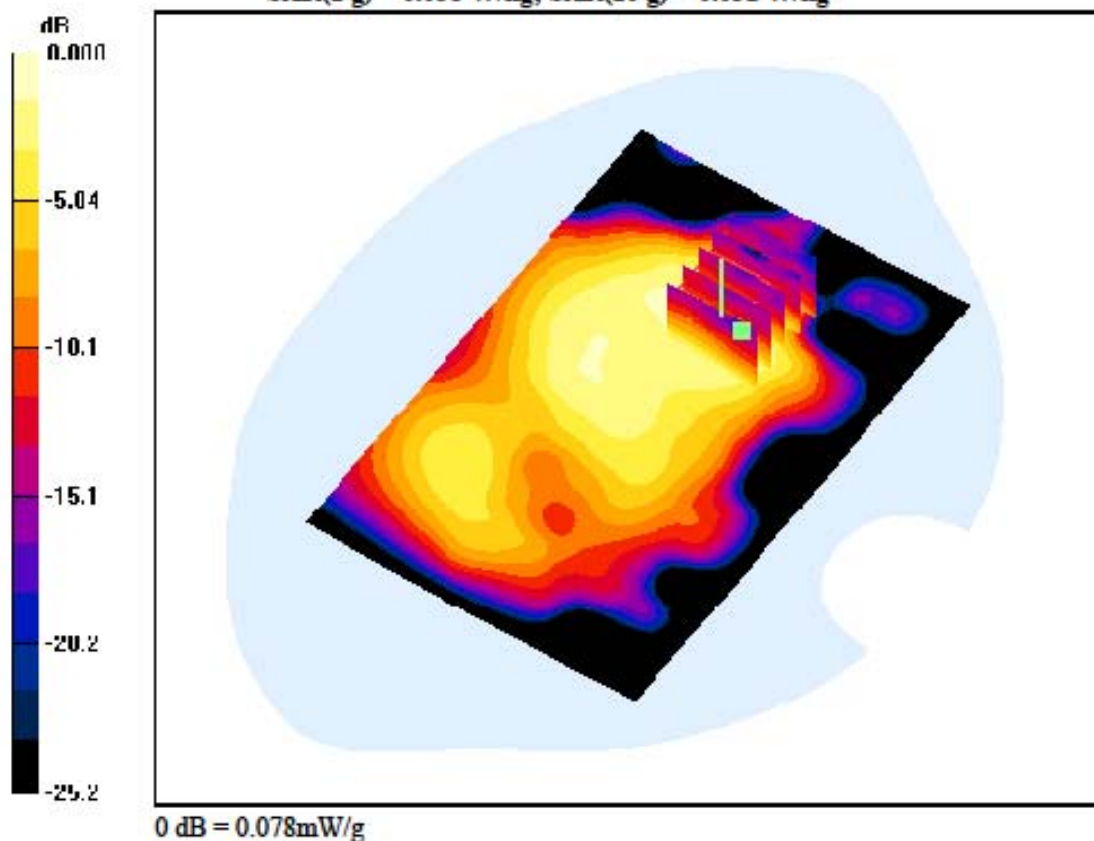
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.161 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.031 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.9 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
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: 2012-03-17; Ambient Temp: 22.3; Tissue Temp: 22.4

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

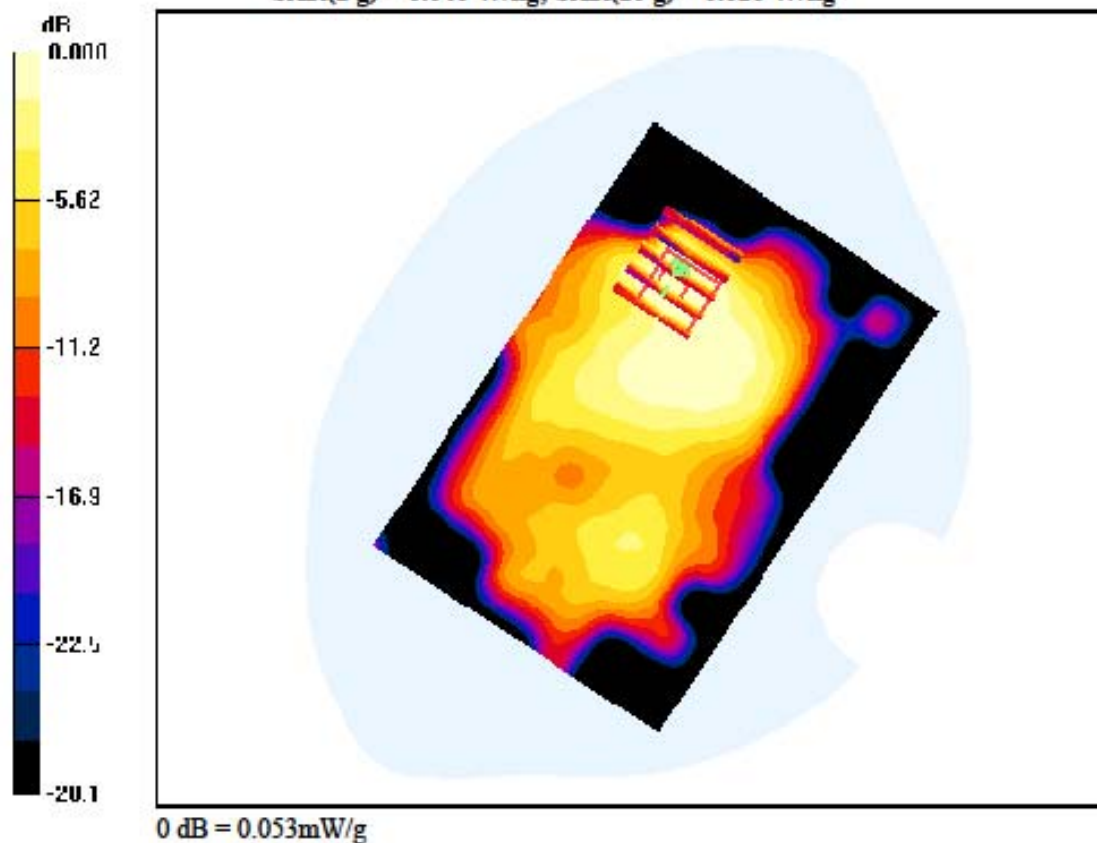
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.020 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ 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: 2012-03-17; Ambient Temp: 22.3; Tissue Temp: 22.4

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

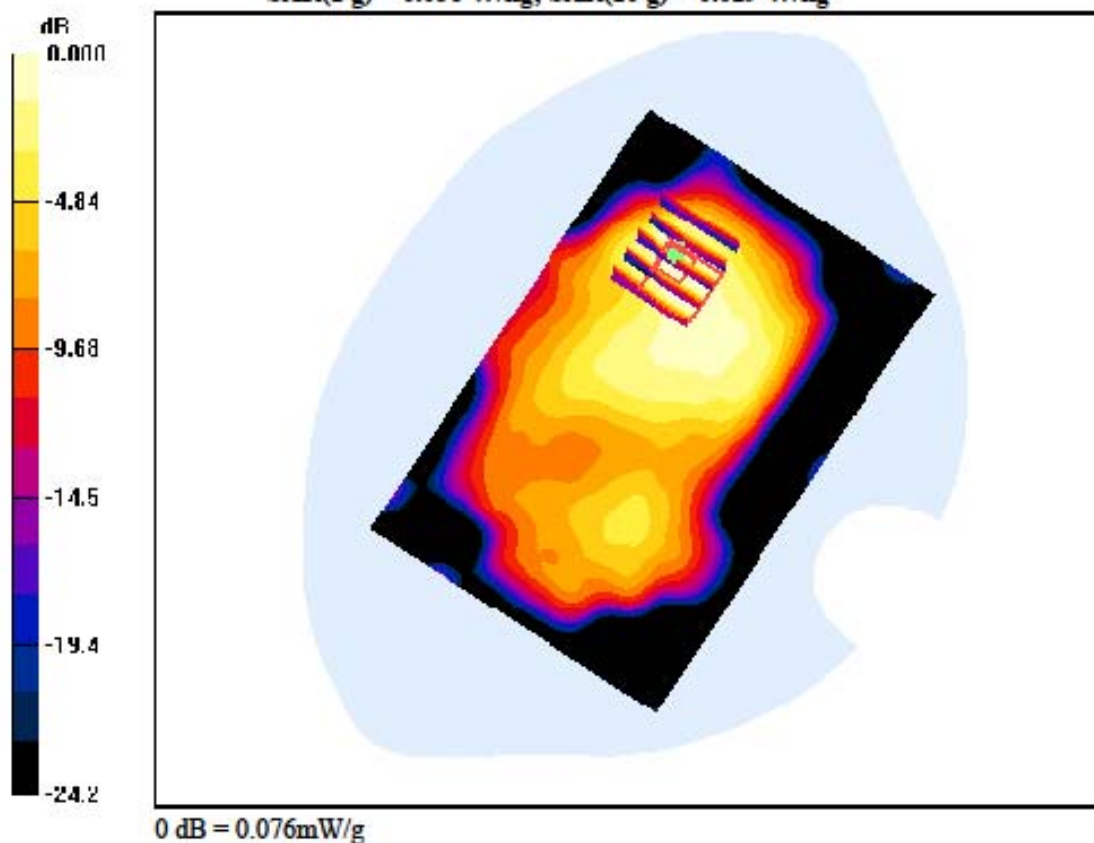
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.114 W/kg

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



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2012-03-17; Ambient Temp: 22.3; Tissue Temp: 22.4

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

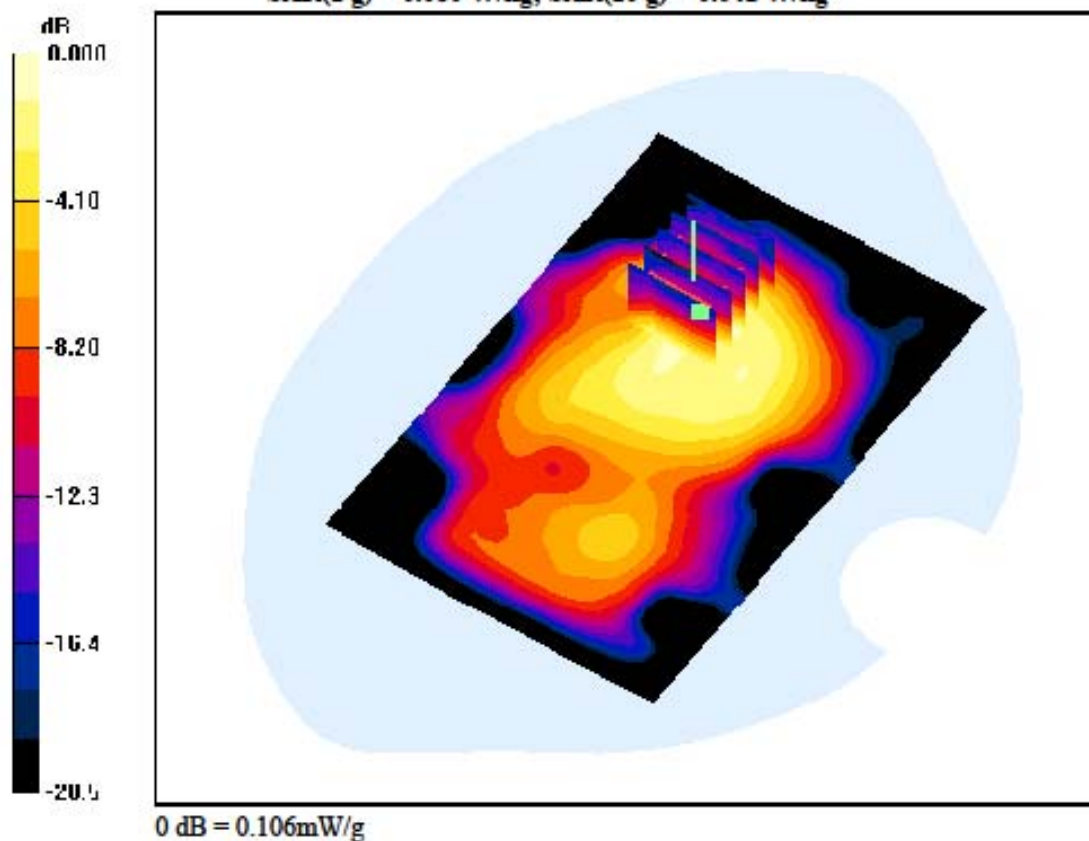
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.092 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.041 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2012-03-17; Ambient Temp: 22.3; Tissue Temp: 22.4

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

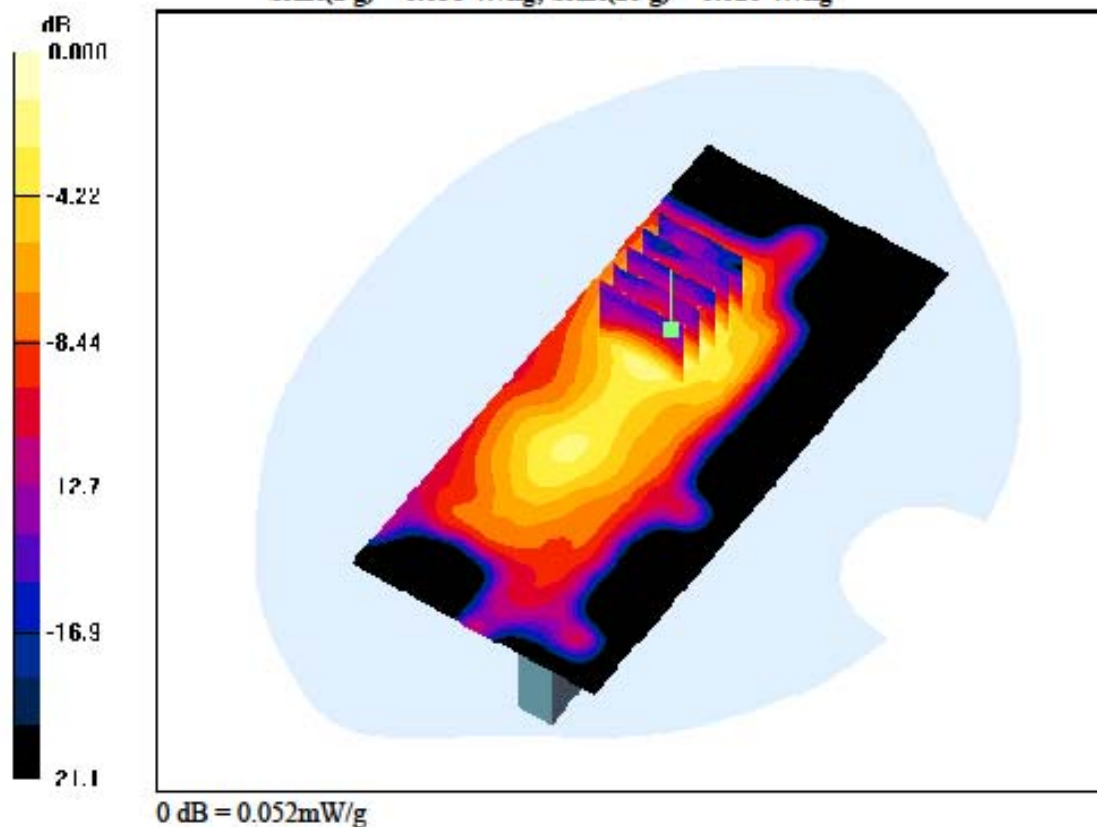
Area Scan (61x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.076 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.020 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.94, 8.94, 8.94); 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

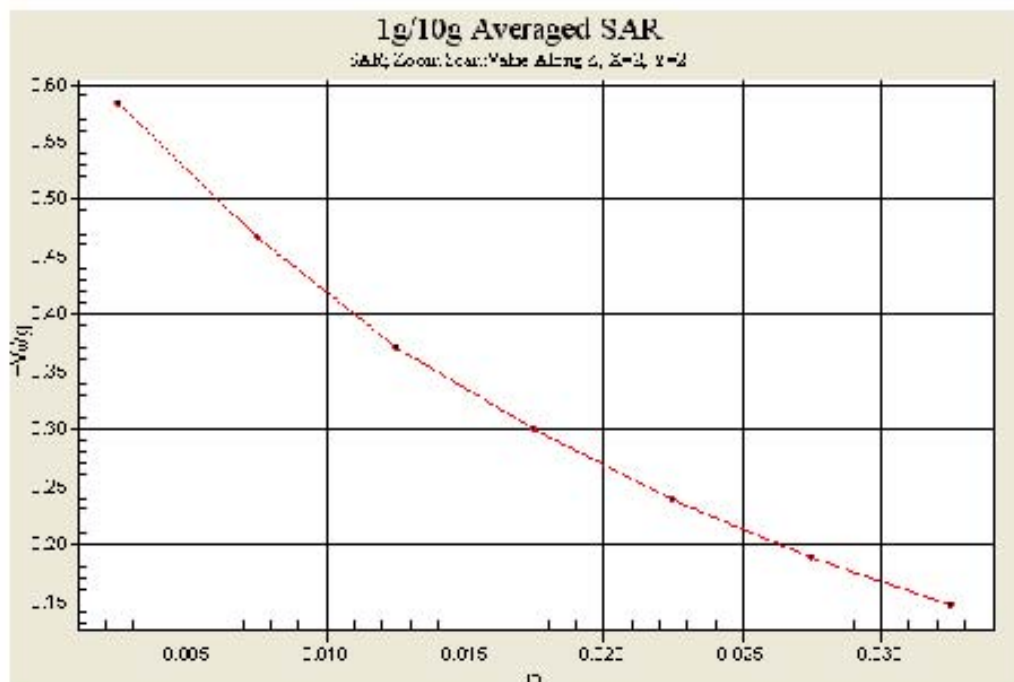
Test Date: 2012-03-13; Ambient Temp: 22.2; Tissue Temp: 22.5

Right Touch, GSM850 Ch. 251, Ant Internal, Standard Battery**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.395 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ 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

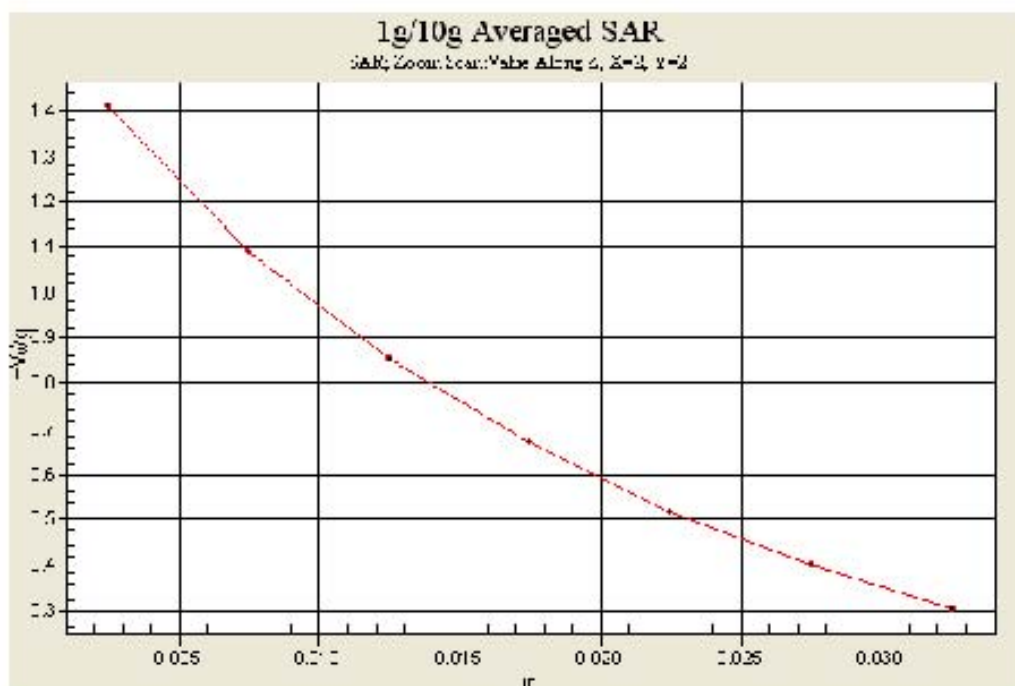
Test Date: 2012-03-13; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, Rear, GSM850 GPRS Class 12, Ch. 251, Ant. Internal**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.046 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.939 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.667$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.94, 8.94, 8.94); 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

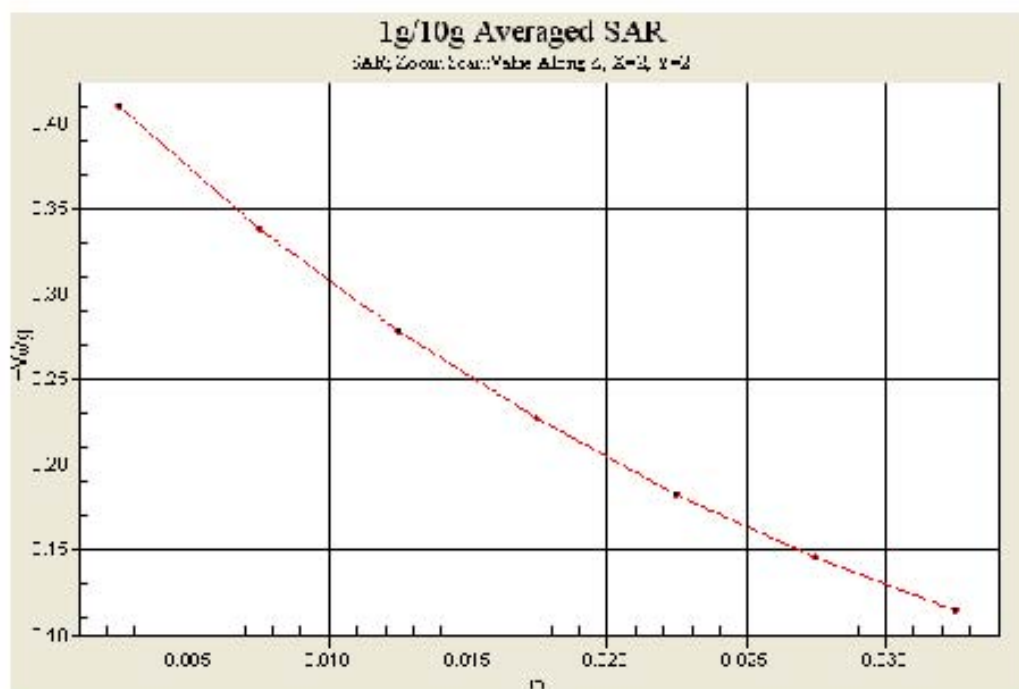
Test Date: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

Right Touch, WCDMA850 Ch. 4233, Ant Internal, Standard Battery**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.099 dB

Peak SAR (extrapolated) = 0.447 W/kg

SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.285 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ 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: 2012-03-16; Ambient Temp: 22.1; Tissue Temp: 22.2

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

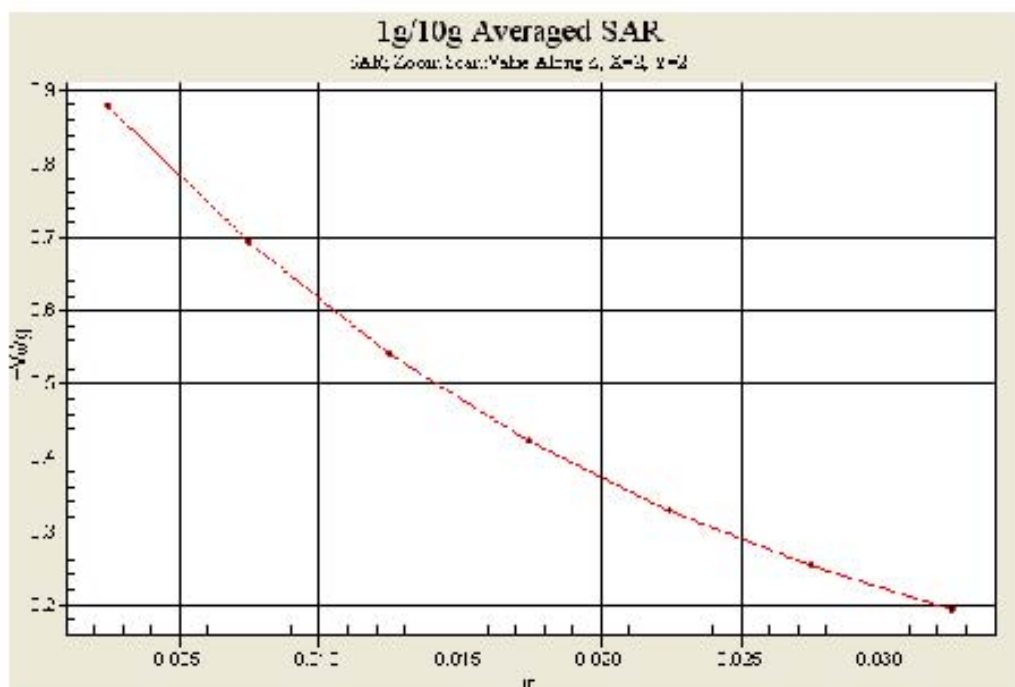
Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.986 W/kg

SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.592 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.97, 7.97, 7.97); 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

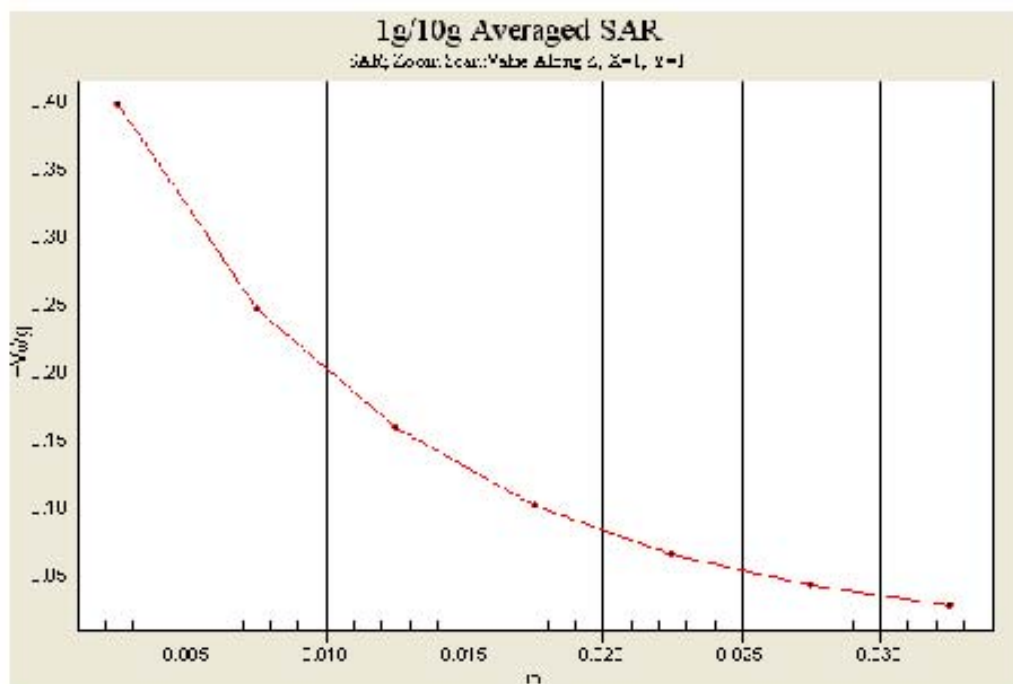
Test Date: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

Left Touch, PCS1900 Ch. 810, Ant Internal, Standard Battery**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.192 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ 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: 2012-03-14; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Rear, PCS1900 GPRS Class 12, Ch. 661, Ant. Internal

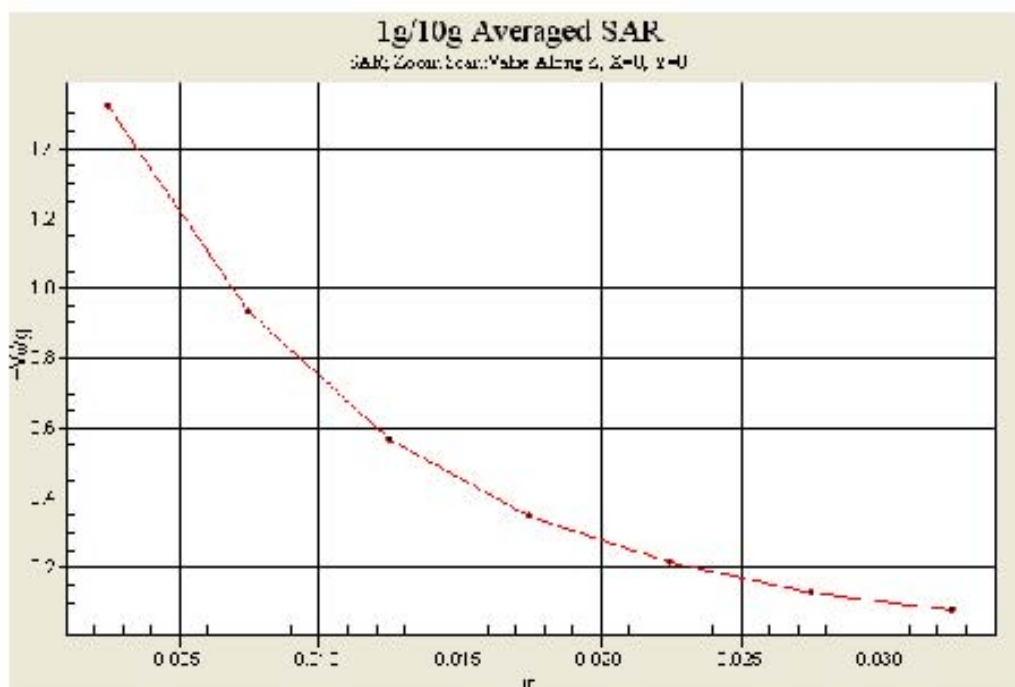
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.012 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.790 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.86 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.12, 7.12, 7.12); 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: 2012-03-17; Ambient Temp: 22.3; Tissue Temp: 22.4

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

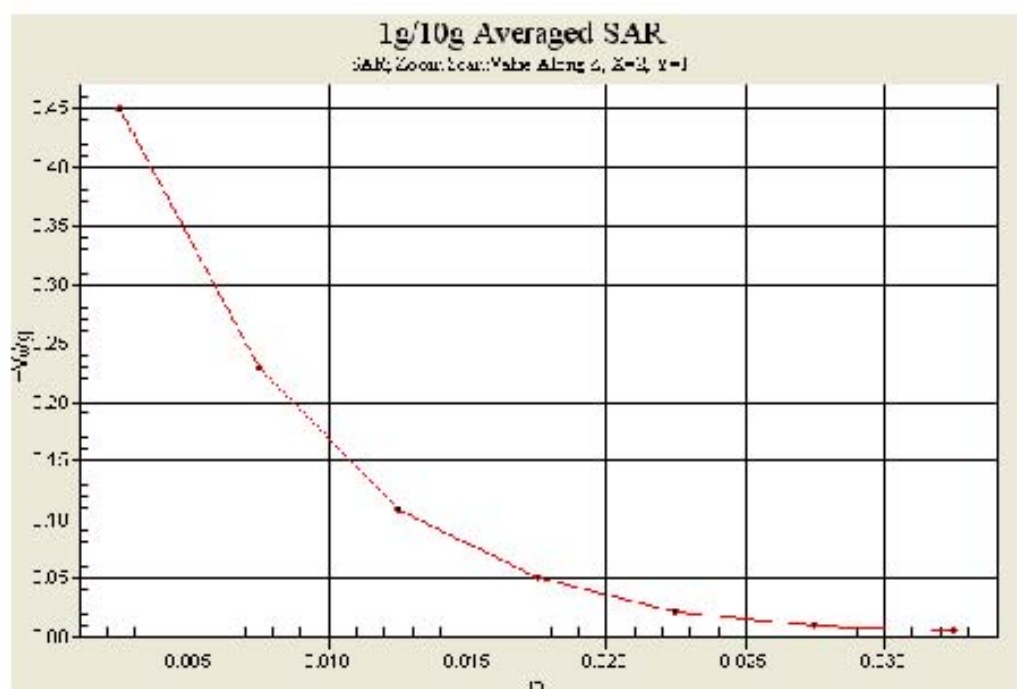
Area Scan (91x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.199 dB

Peak SAR (extrapolated) = 0.854 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.163 W/kg



DIGITAL EMC CO., LTD**DUT: LG-P720h; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ 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: 2012-03-17; Ambient Temp: 22.3; Tissue Temp: 22.4

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

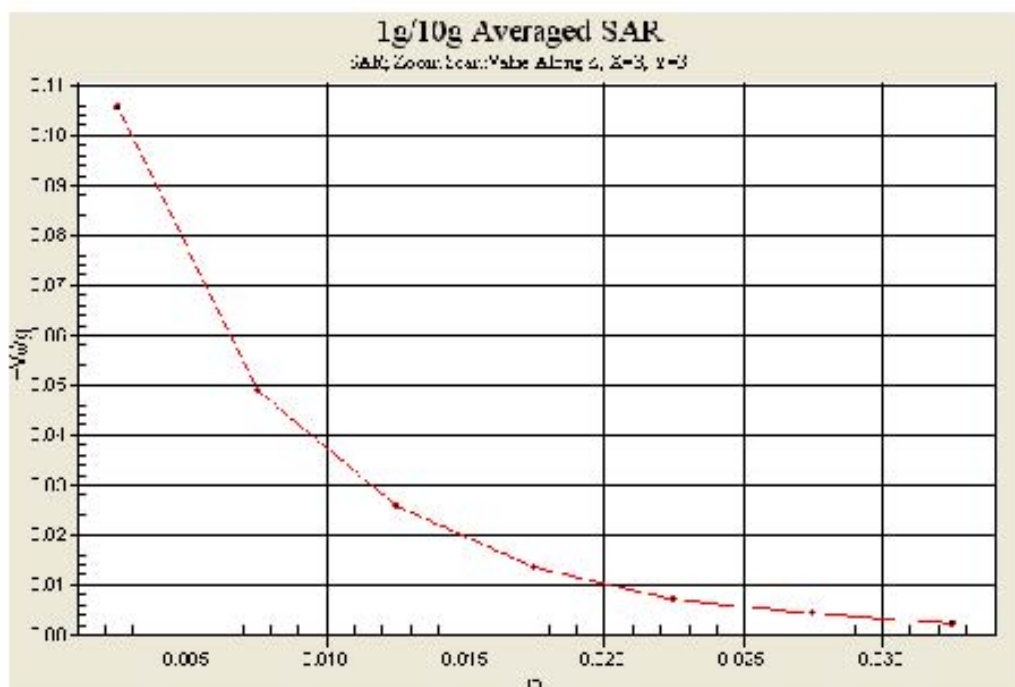
Area Scan (81x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Power Drift = -0.092 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.041 W/kg



Attachment 3. – Probe Calibration Data