DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
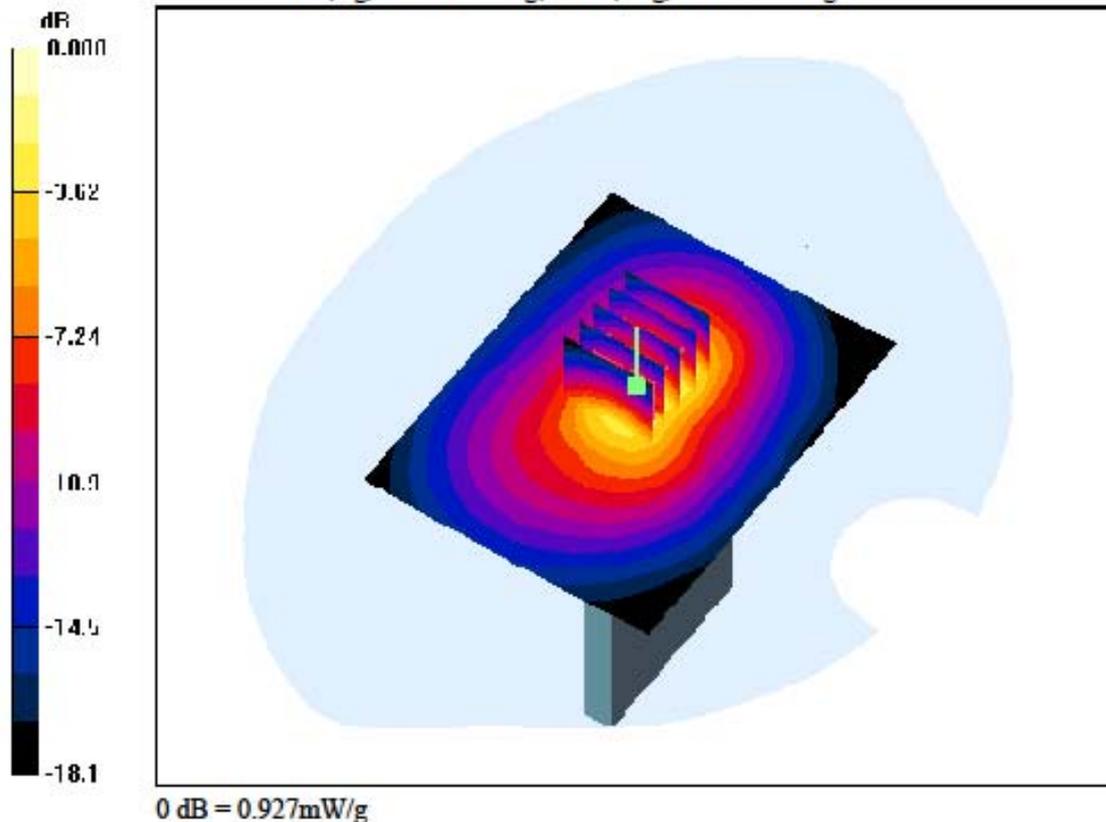Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Bottom, PCS1900 GPRS Class 11 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 = 0.031 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.365 W/kg

0 dB = 0.927mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m³
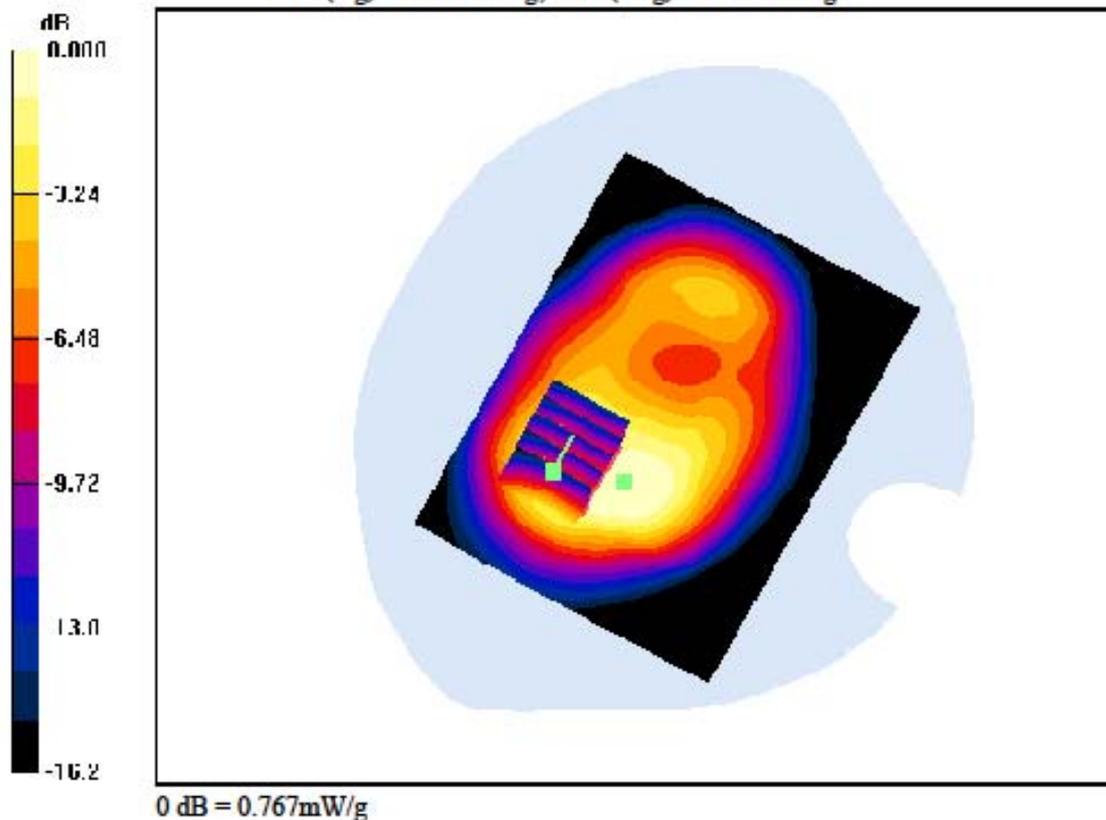Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Front, PCS1900 GPRS Class 11 Ch. 661, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.363 W/kg

0 dB = 0.767mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
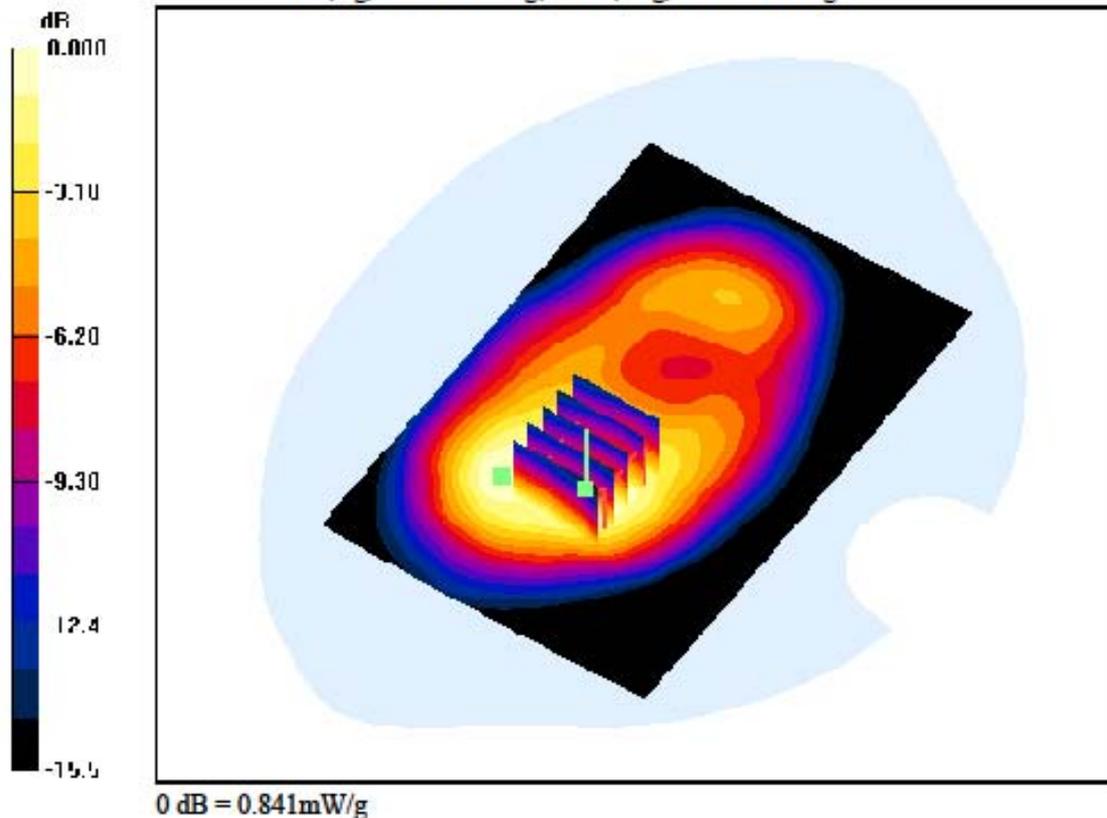Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Front, PCS1900 GPRS Class 11 Ch. 661, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.404 W/kg

0 dB = 0.841mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
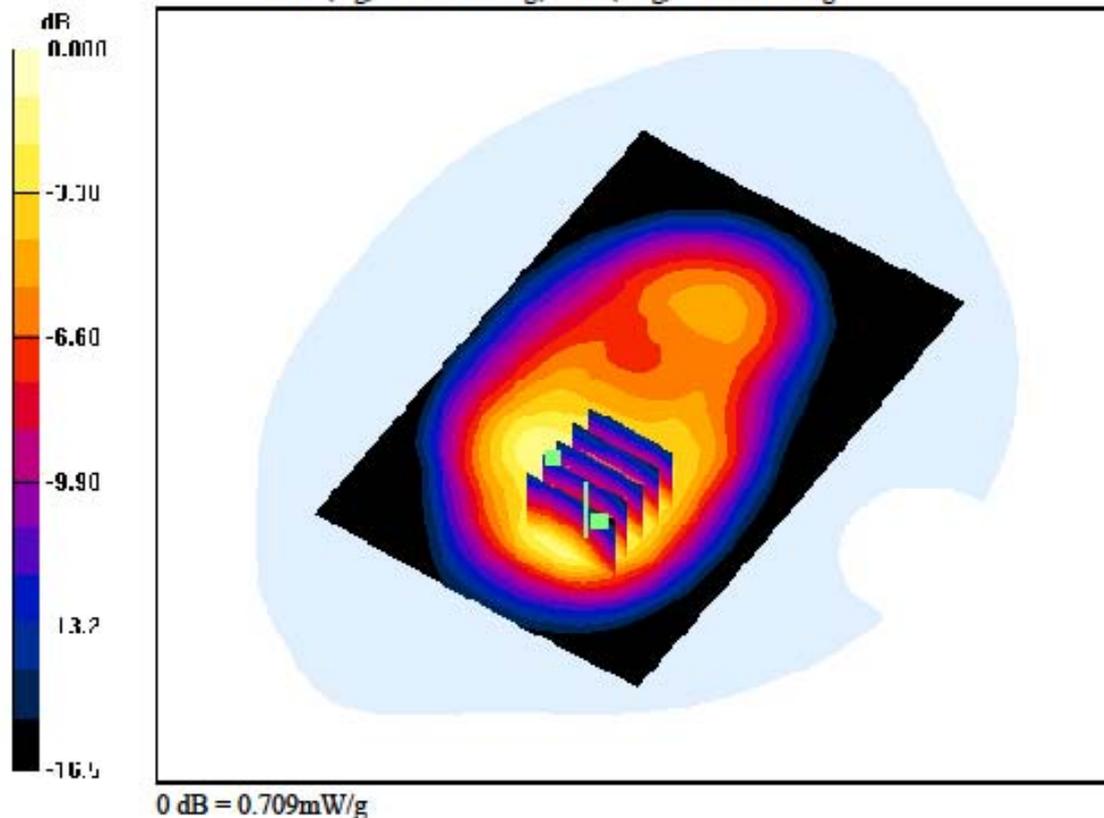Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

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

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.932 W/kg
SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.304 W/kg

0 dB = 0.709mW/g

DIGITAL EMC CO., LTD.

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
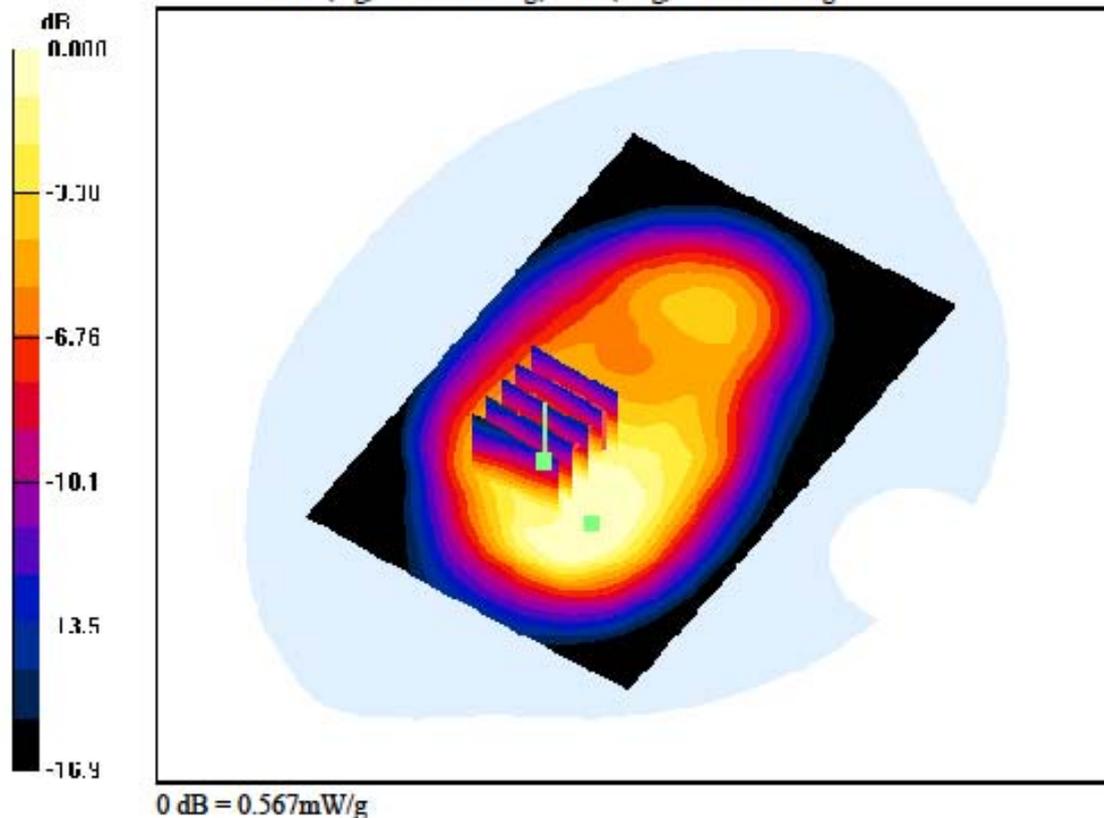Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

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

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.733 W/kg
SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.261 W/kg

0 dB = 0.567mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Rear, PCS1900 GPRS Class 8 Ch. 661, Ant Internal
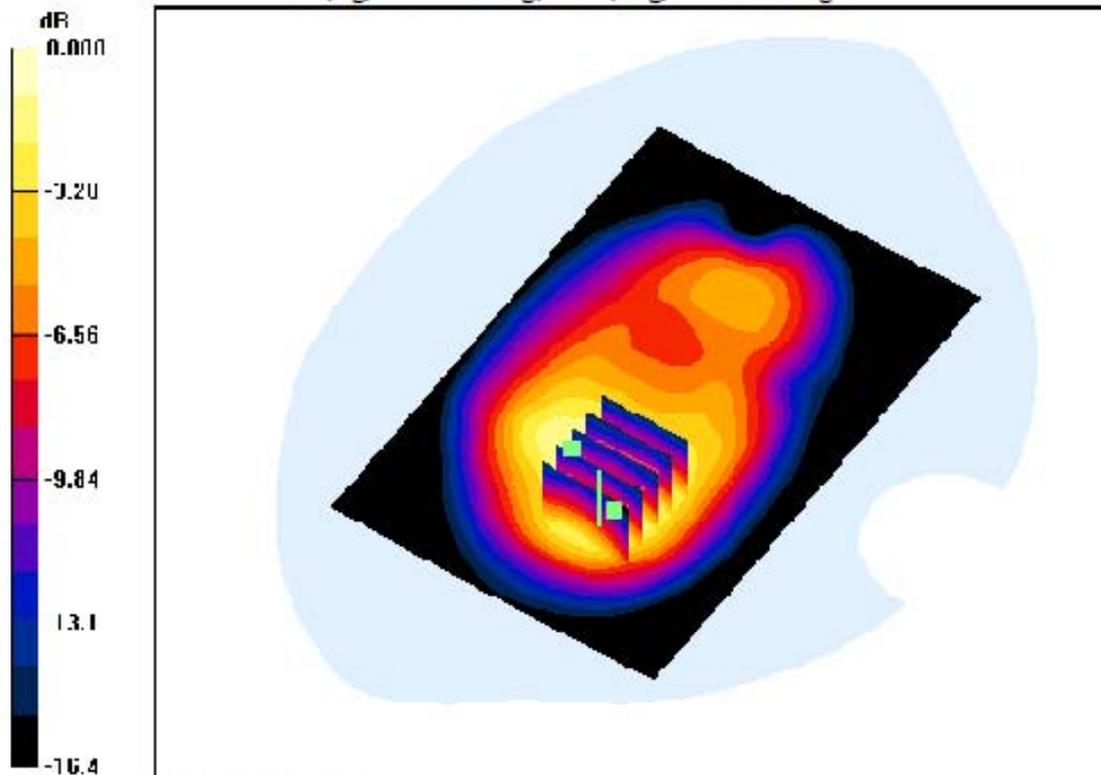
Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.892 W/kg
SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.290 W/kg

0 dB = 0.677mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

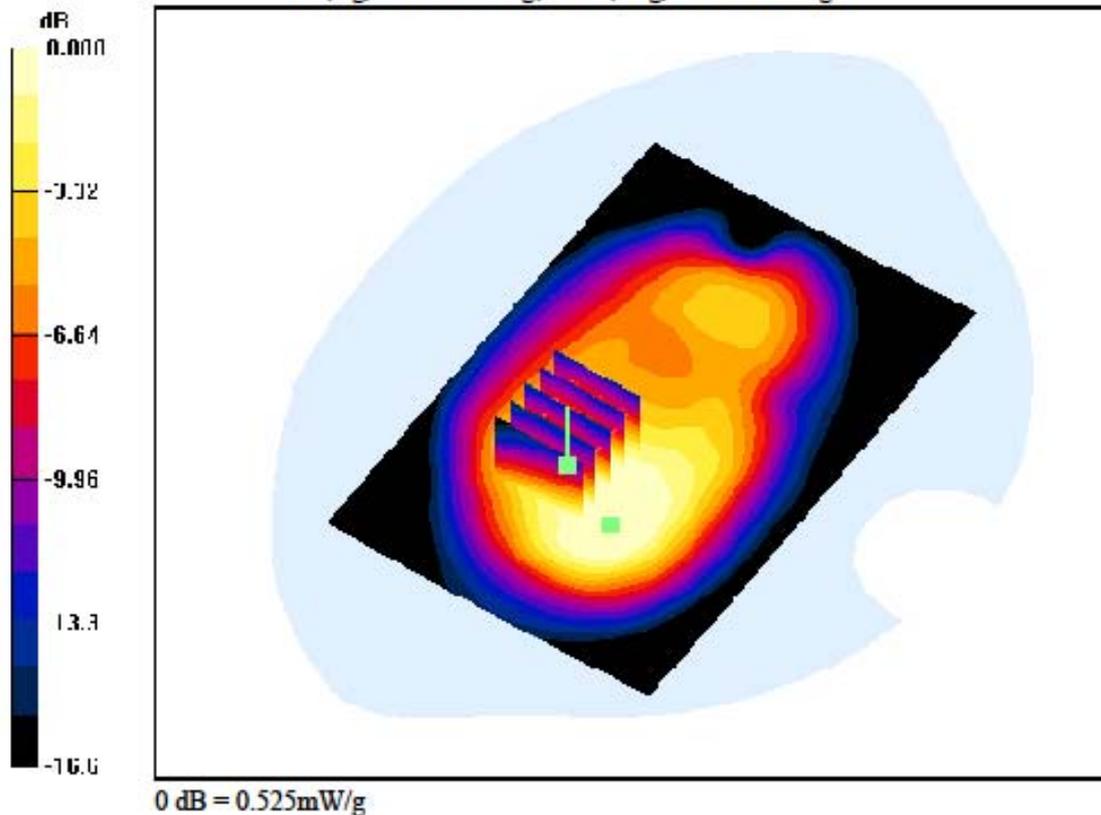## 1 cm space from Body, Rear, PCS1900 GPRS Class 8 Ch. 661, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.689 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.251 W/kg

0 dB = 0.525mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m³
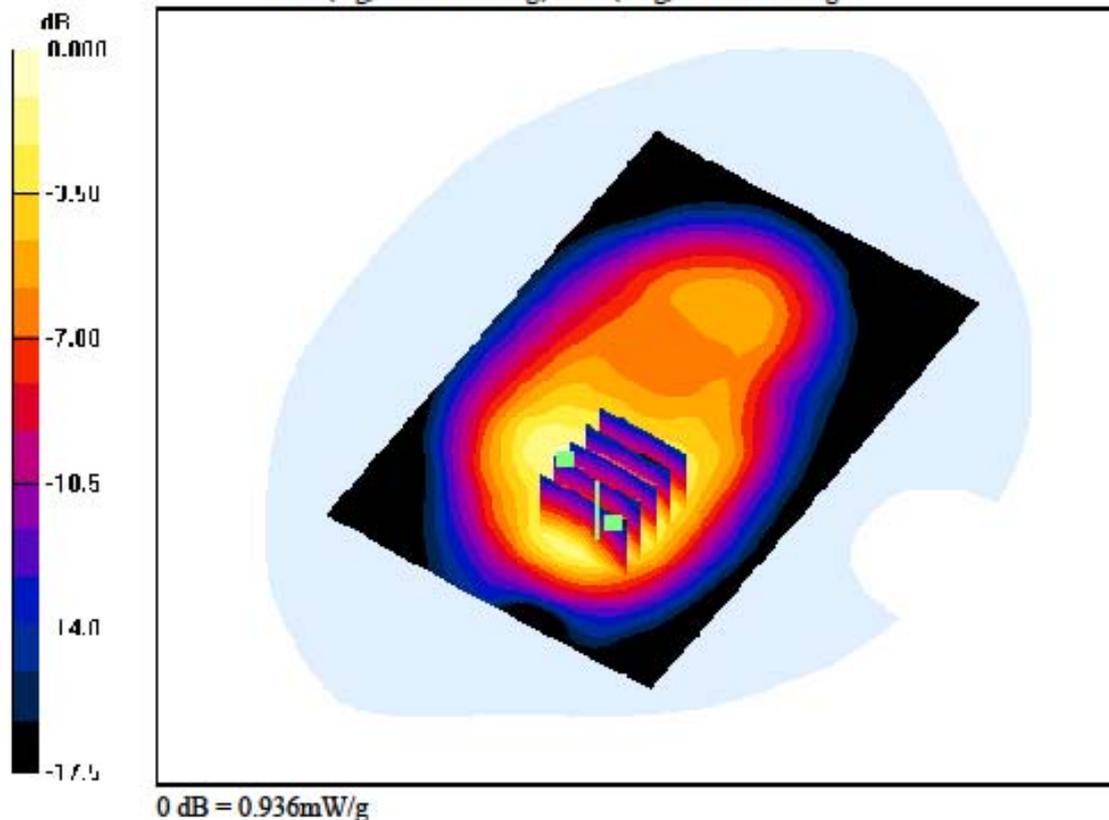Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Rear, PCS1900 GPRS Class 10 Ch. 661, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.002 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.406 W/kg

0 dB = 0.936mW/g

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DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m³
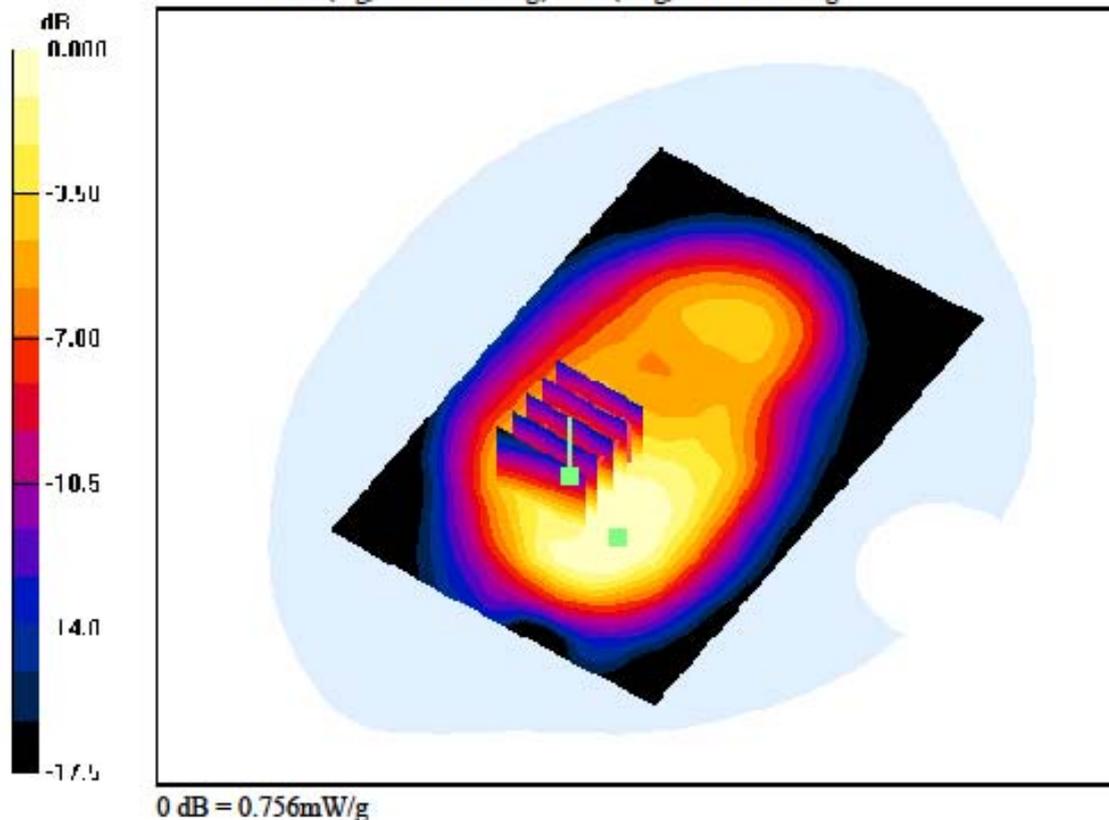Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Rear, PCS1900 GPRS Class 10 Ch. 661, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.976 W/kg
SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.347 W/kg

0 dB = 0.756mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
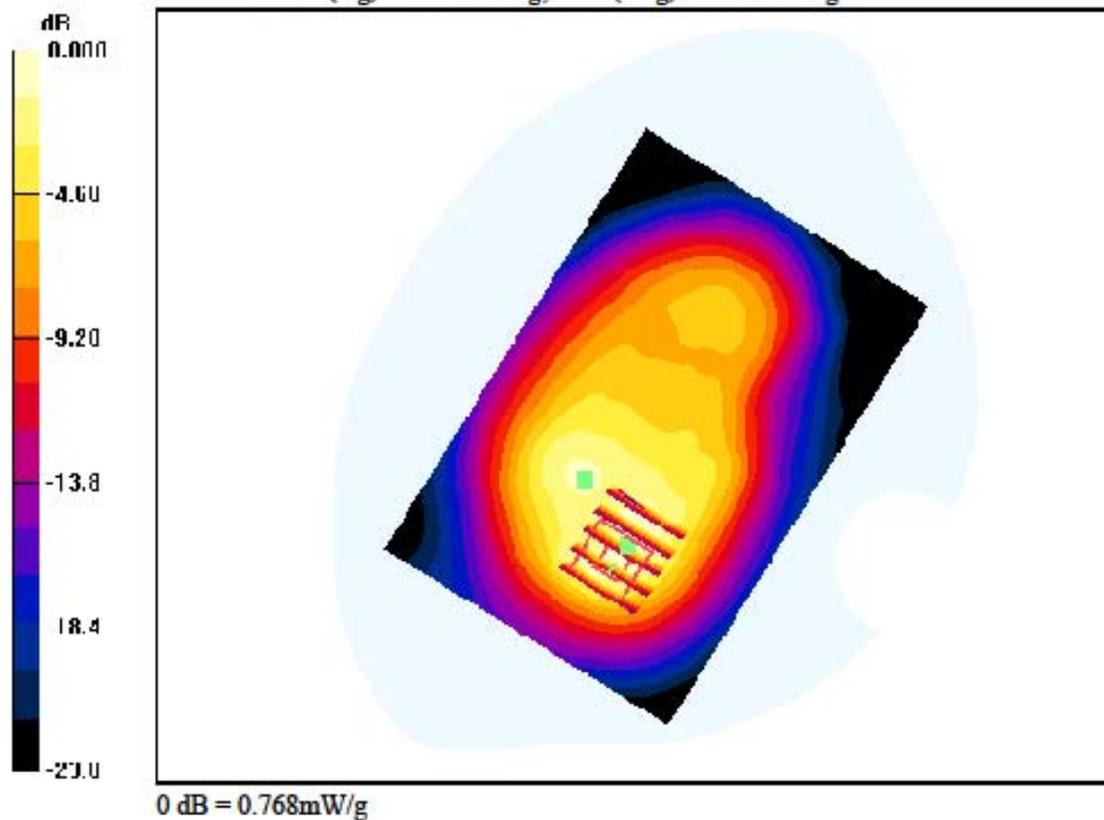Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 512, 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 = -0.039 dB
Peak SAR (extrapolated) = 0.997 W/kg
SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.328 W/kg

0 dB = 0.768mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
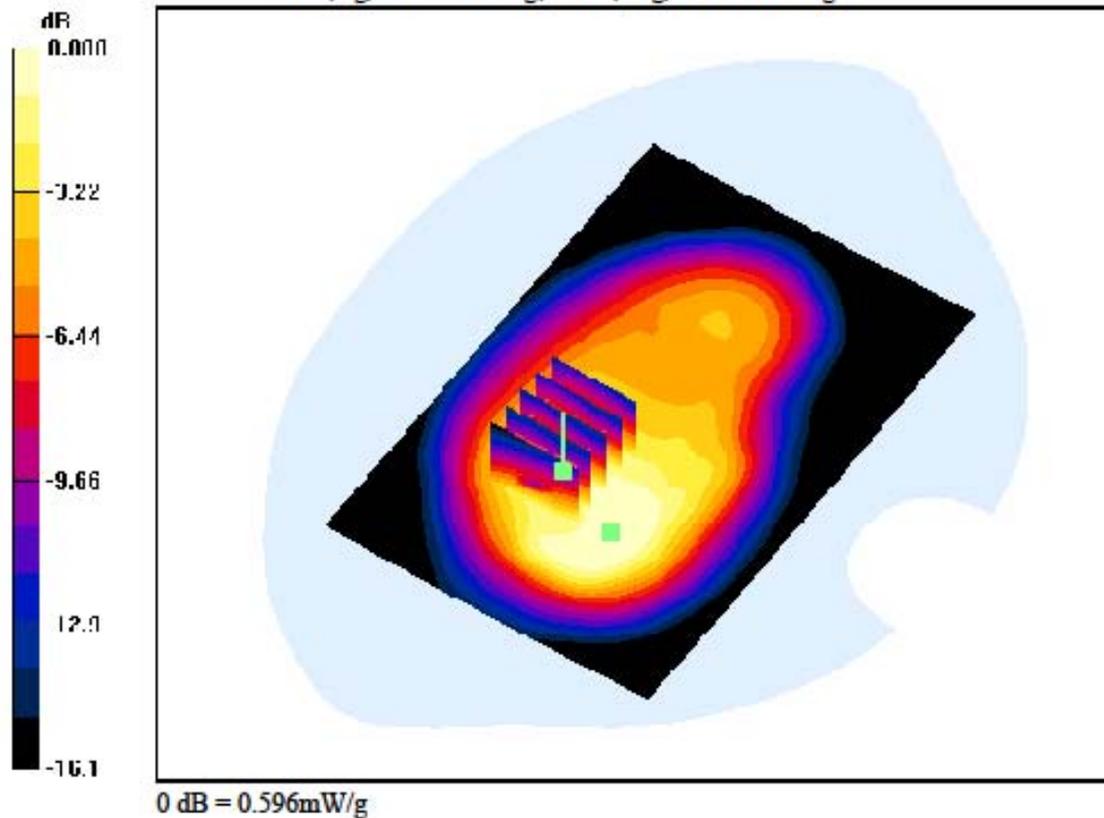Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 512, 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 = -0.039 dB
Peak SAR (extrapolated) = 0.762 W/kg
SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.277 W/kg

0 dB = 0.596mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

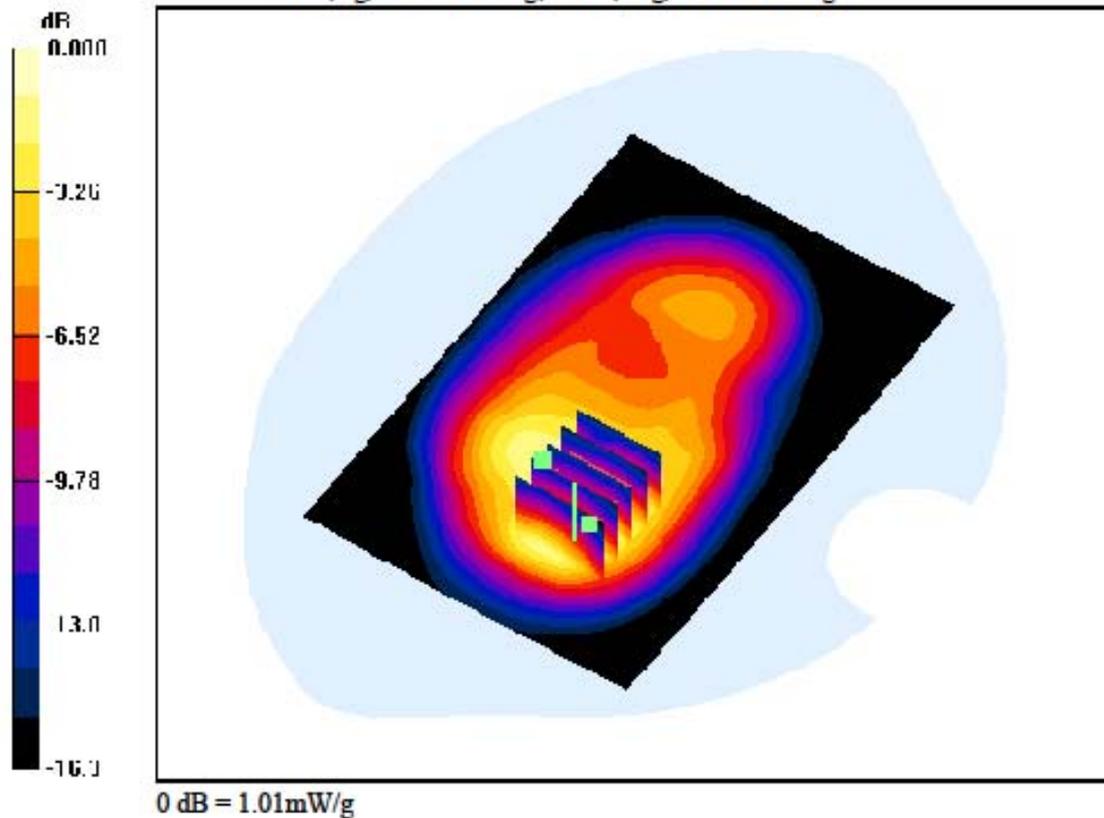### 1 cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 661, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.015 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.434 W/kg

0 dB = 1.01mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
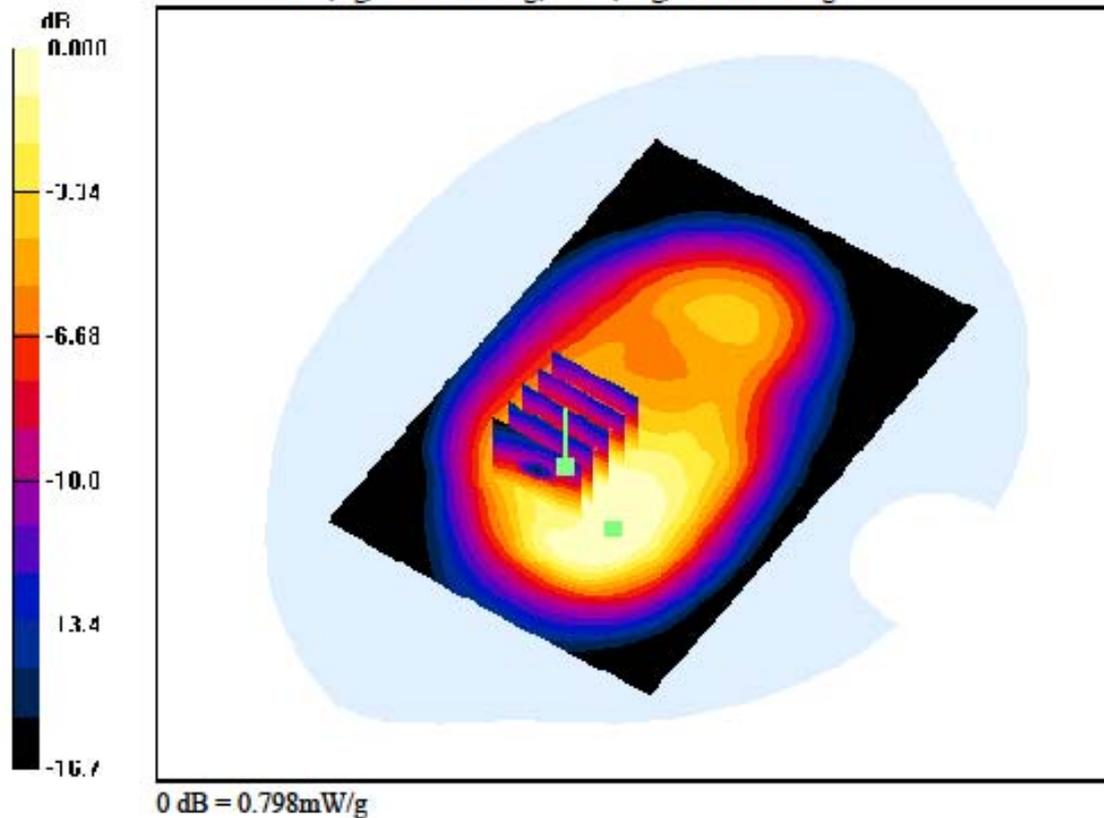Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

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

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.015 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.369 W/kg

0 dB = 0.798mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1909.8 MHz; σ = 1.53 mho/m; ε_r = 51.5; ρ = 1000 kg/m³
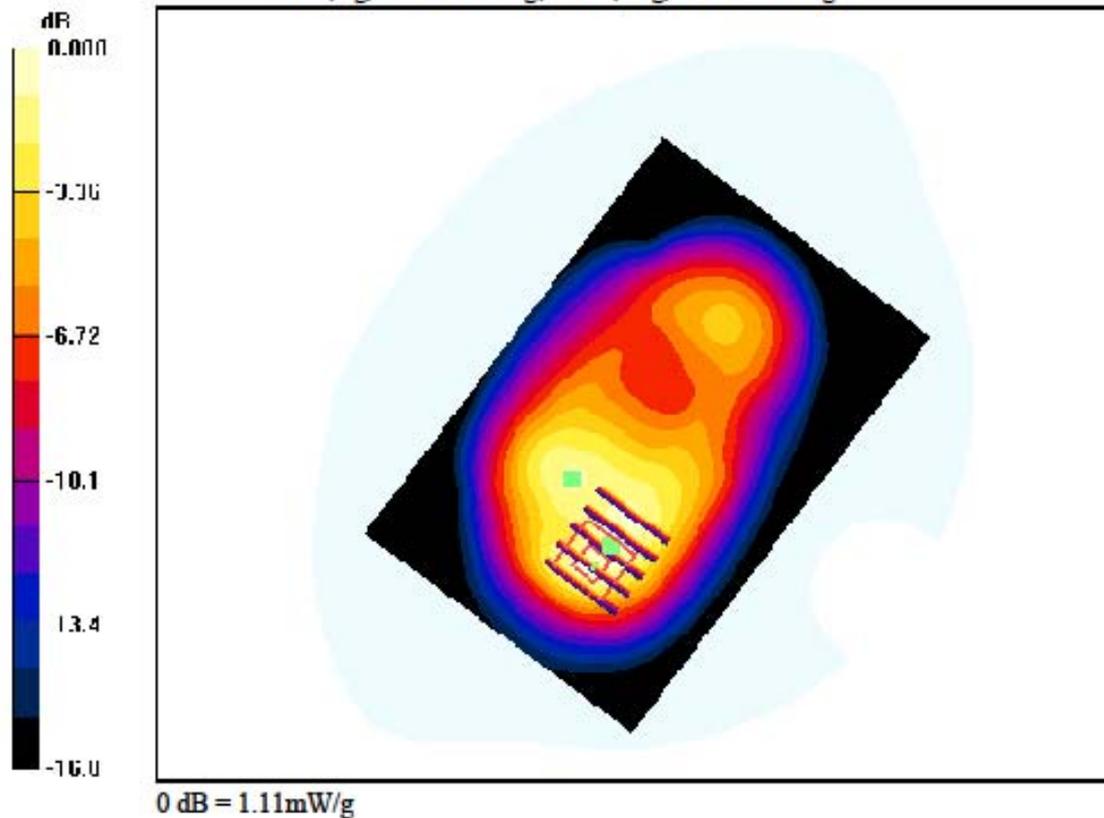Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp: 22.2

1 cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 810, 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 = -0.028 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.476 W/kg

0 dB = 1.11mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1909.8 MHz; σ = 1.53 mho/m; ε_r = 51.5; ρ = 1000 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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

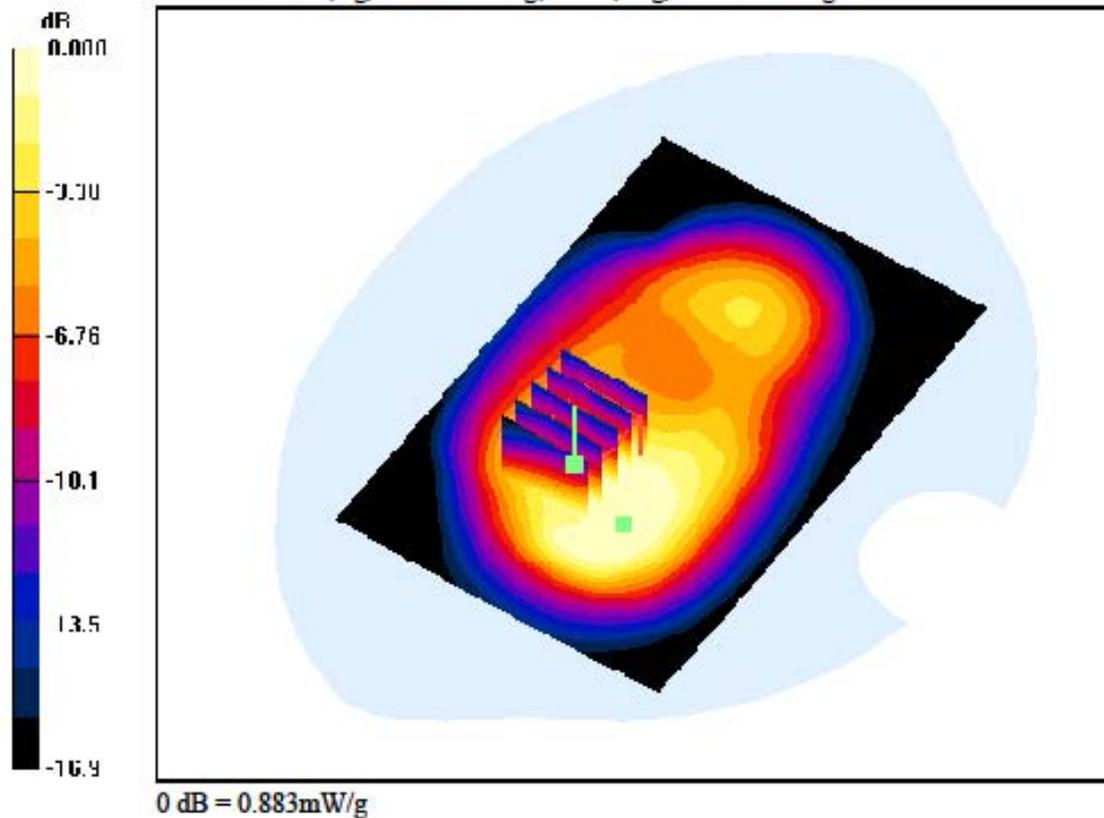### 1 cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 810, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.028 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.409 W/kg

0 dB = 0.883mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Rear, PCS1900 GPRS Class 12 Ch. 661, Ant Internal
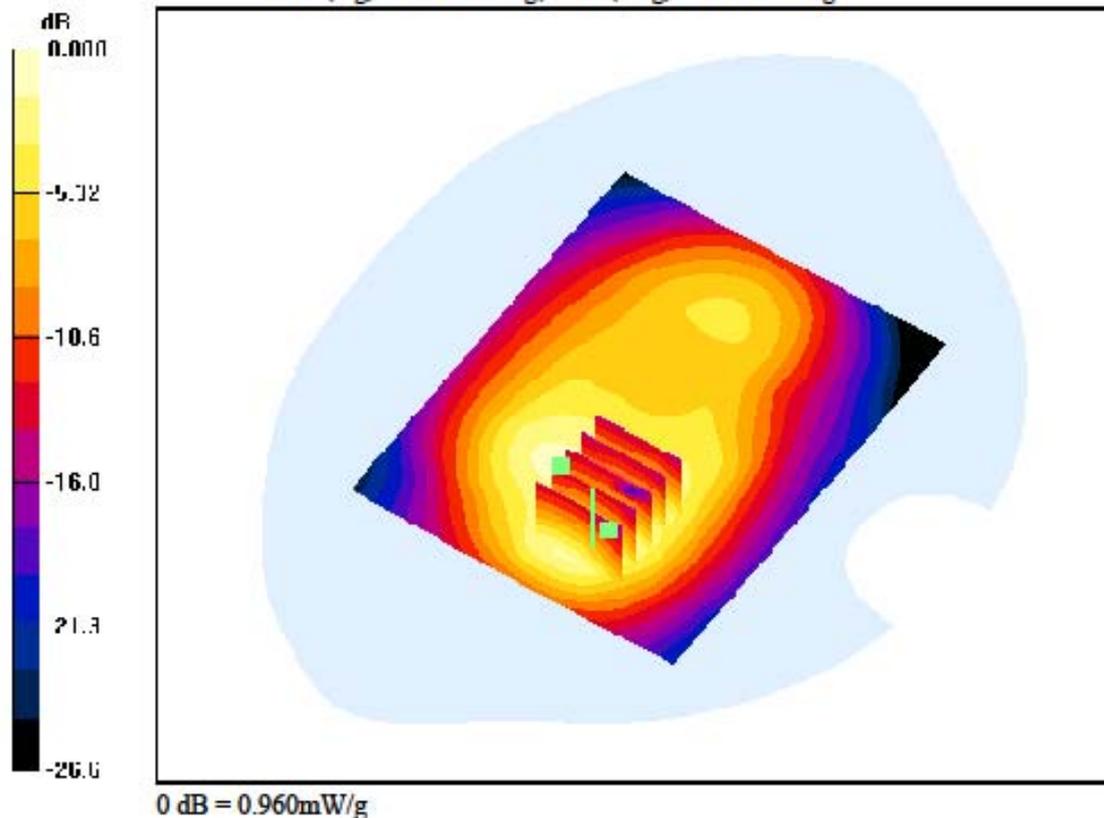
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.046 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.408 W/kg

0 dB = 0.960mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

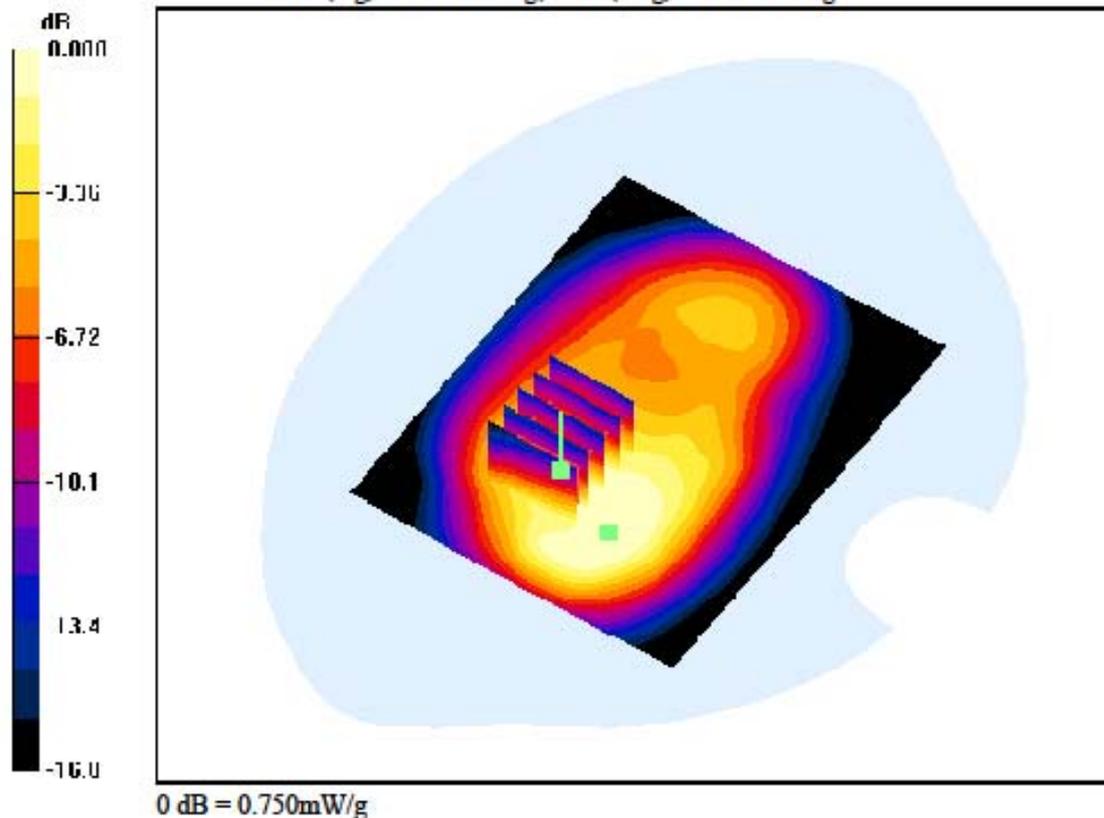### 1 cm space from Body, Rear, PCS1900 GPRS Class 12 Ch. 661, Ant Internal

Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.046 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.336 W/kg

0 dB = 0.750mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Ba

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
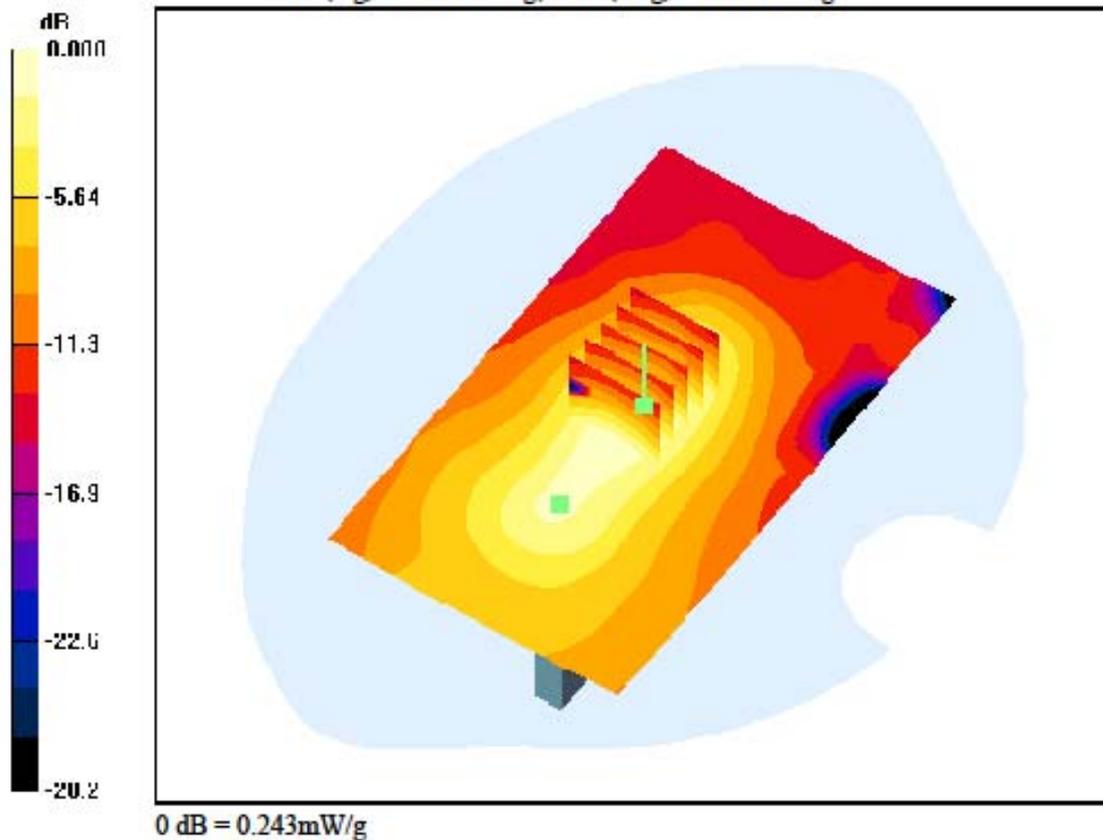Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Right, PCS1900 GPRS Class 11 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 = -0.128 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.114 W/kg

0 dB = 0.243mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g;　Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
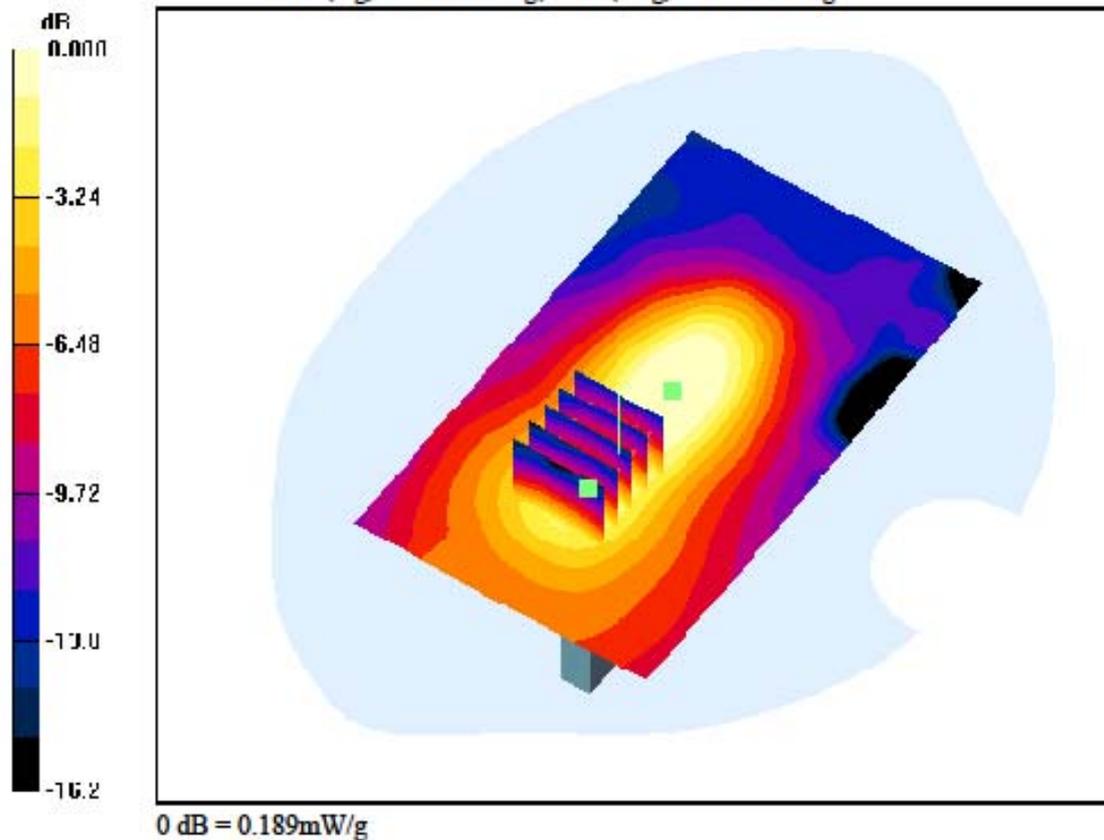Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Right, PCS1900 GPRS Class 11 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 = -0.128 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.089 W/kg

0 dB = 0.189mW/g

DIGITAL EMC CO., LTD.

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
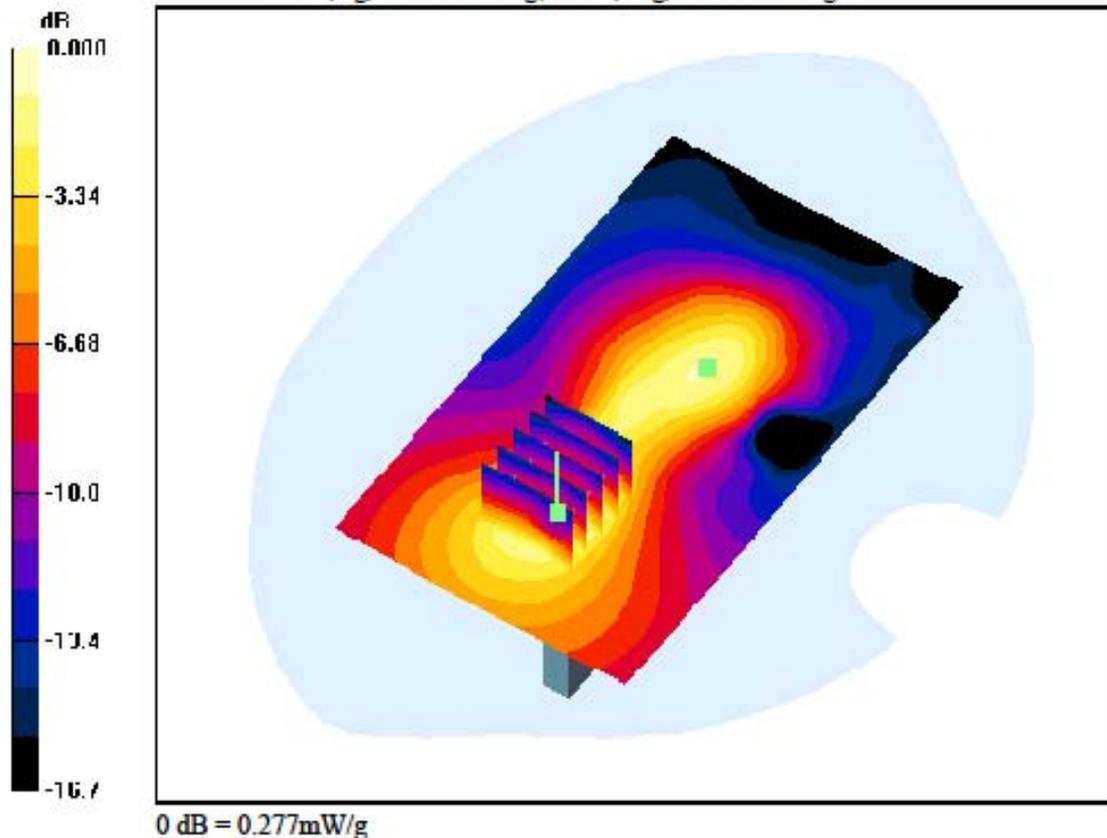Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Left, PCS1900 GPRS Class 11 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 = 0.198 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.123 W/kg

0 dB = 0.277mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
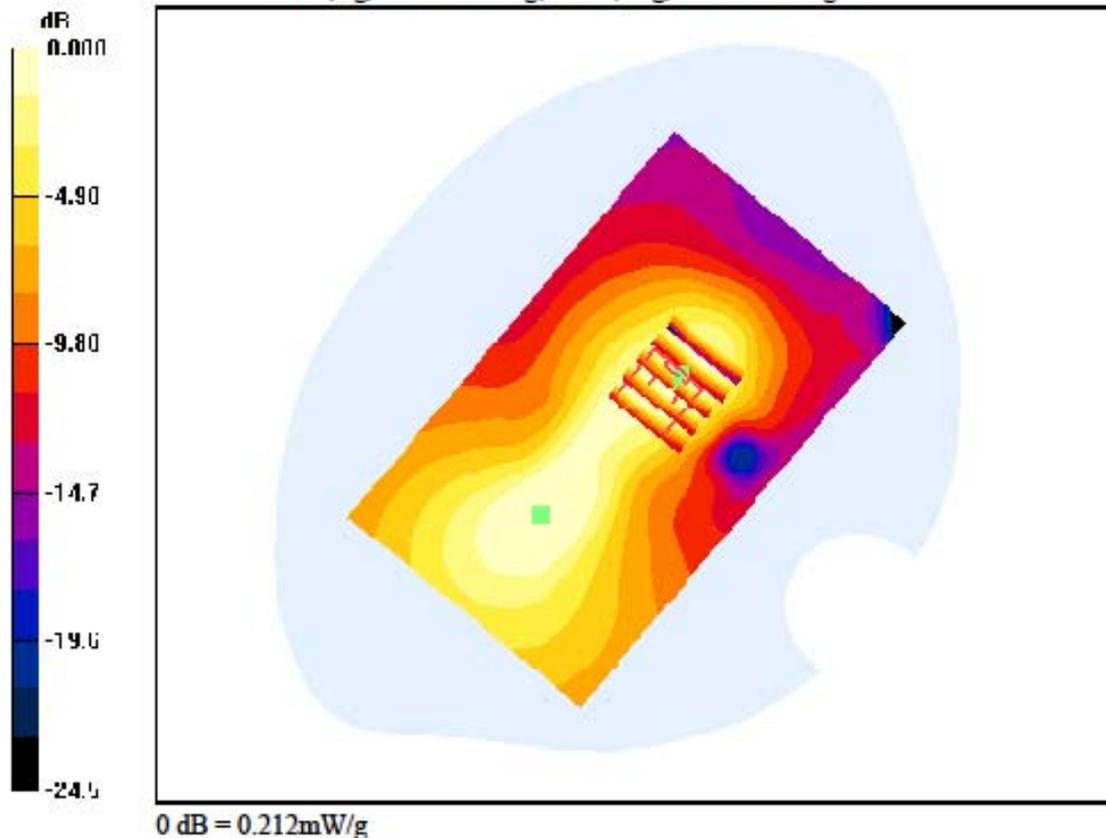Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Left, PCS1900 GPRS Class 11 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 = 0.198 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.102 W/kg

0 dB = 0.212mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.955 mho/m; ε_r = 53.4; ρ = 1000 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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

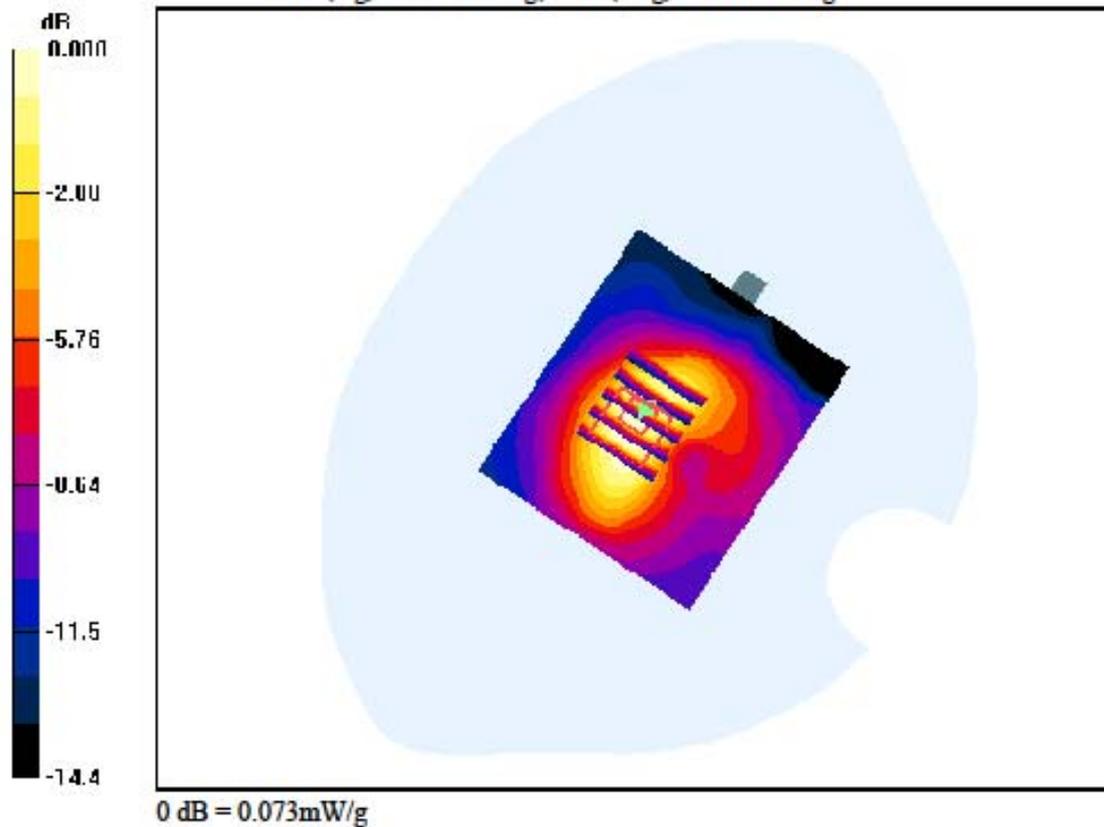### 1 cm space from Body, Bottom, WCDMA850 Ch. 4183, Ant Internal

Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.196 dB
Peak SAR (extrapolated) = 0.096 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.033 W/kg

0 dB = 0.073mW/g

DIGITAL EMC CO., LTD

DUT: LG–E6l2g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.955$ mho/m; $\varepsilon_r = 53.4$; $\rho = 1000$ 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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

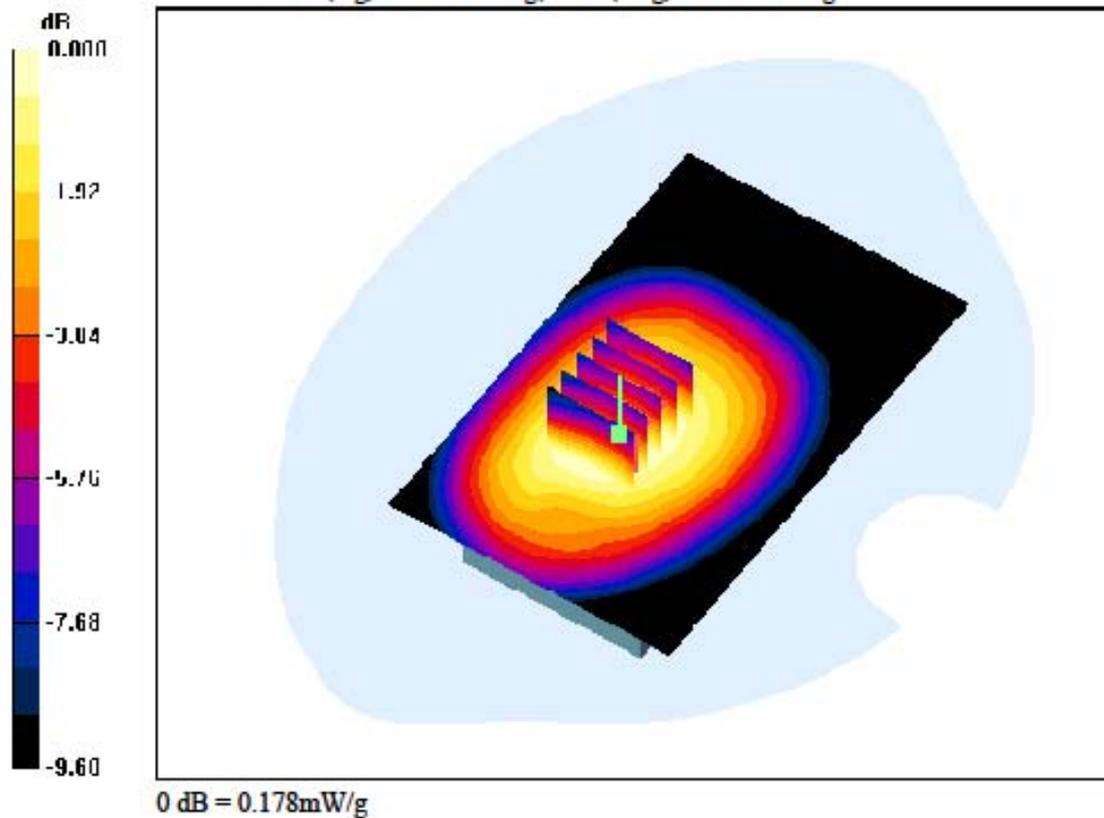### 1 cm space from Body, Front, WCDMA850 Ch. 4183, Ant Internal

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.130 W/kg

0 dB = 0.178mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.946 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
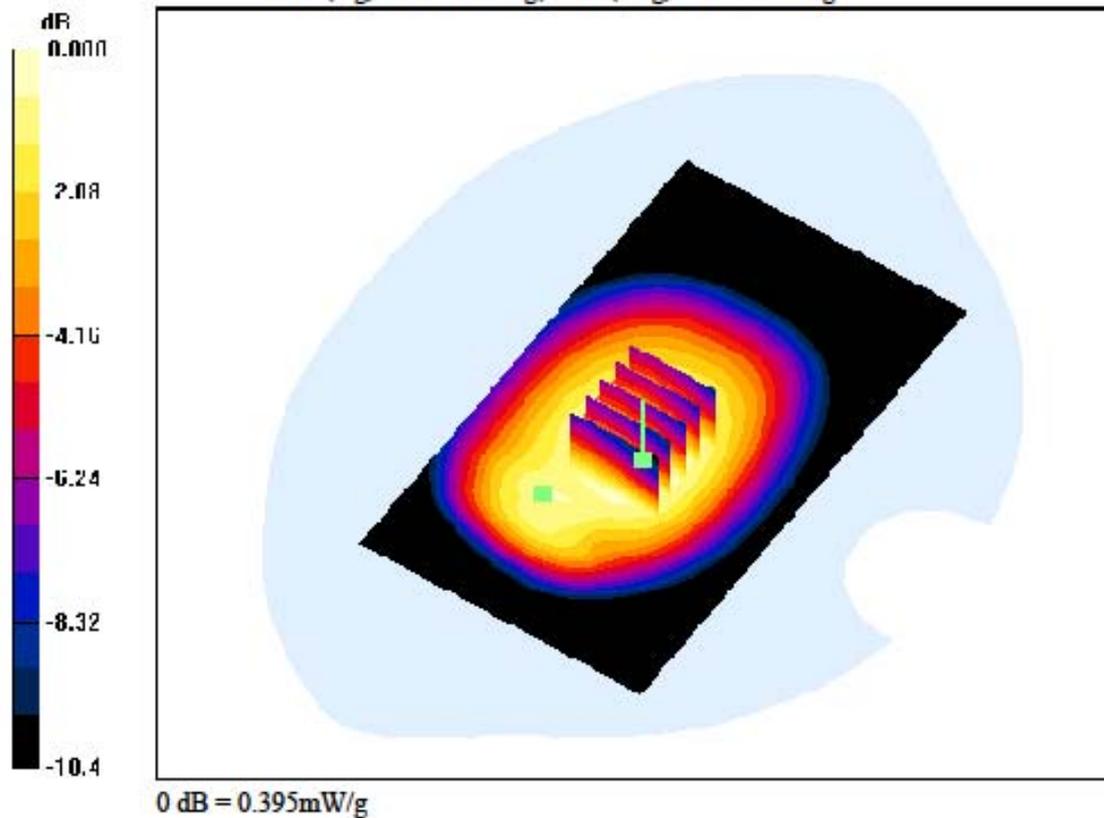Phantom section: Flat Section

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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

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 = -0.164 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.265 W/kg

0 dB = 0.395mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.946 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
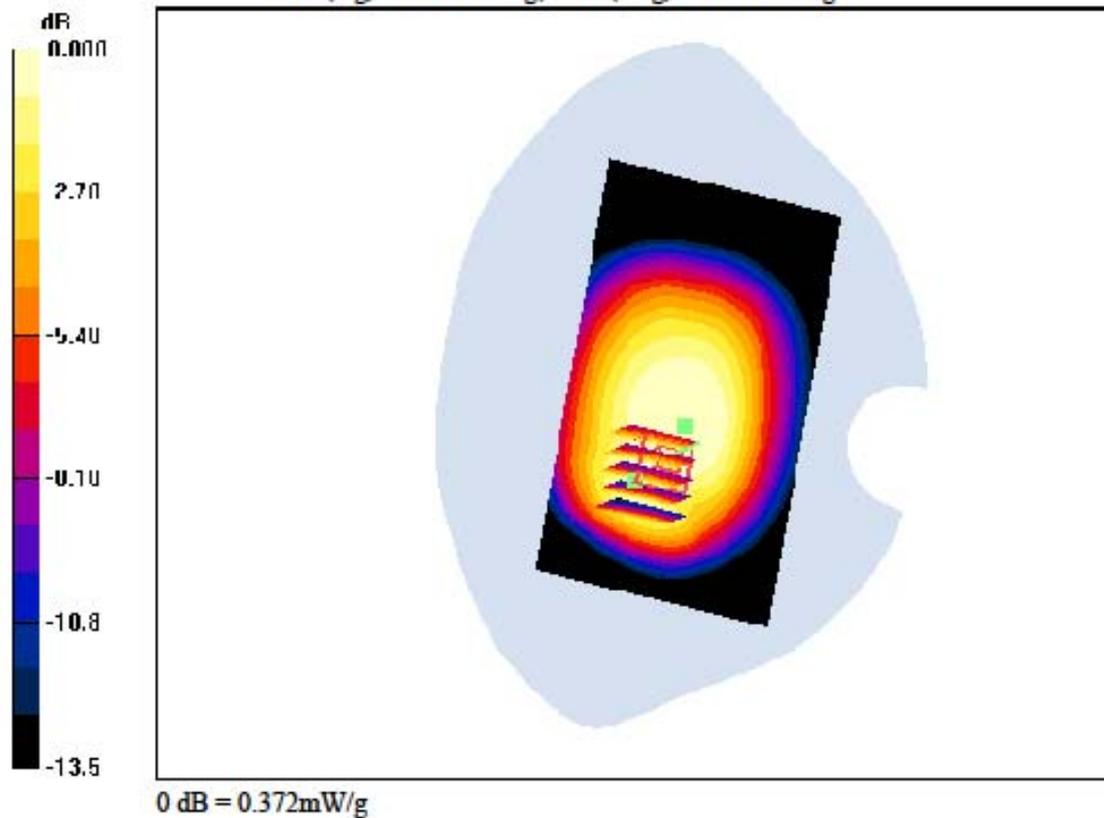Phantom section: Flat Section

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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

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 = -0.164 dB
Peak SAR (extrapolated) = 0.440 W/kg
SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.202 W/kg

0 dB = 0.372mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.955 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
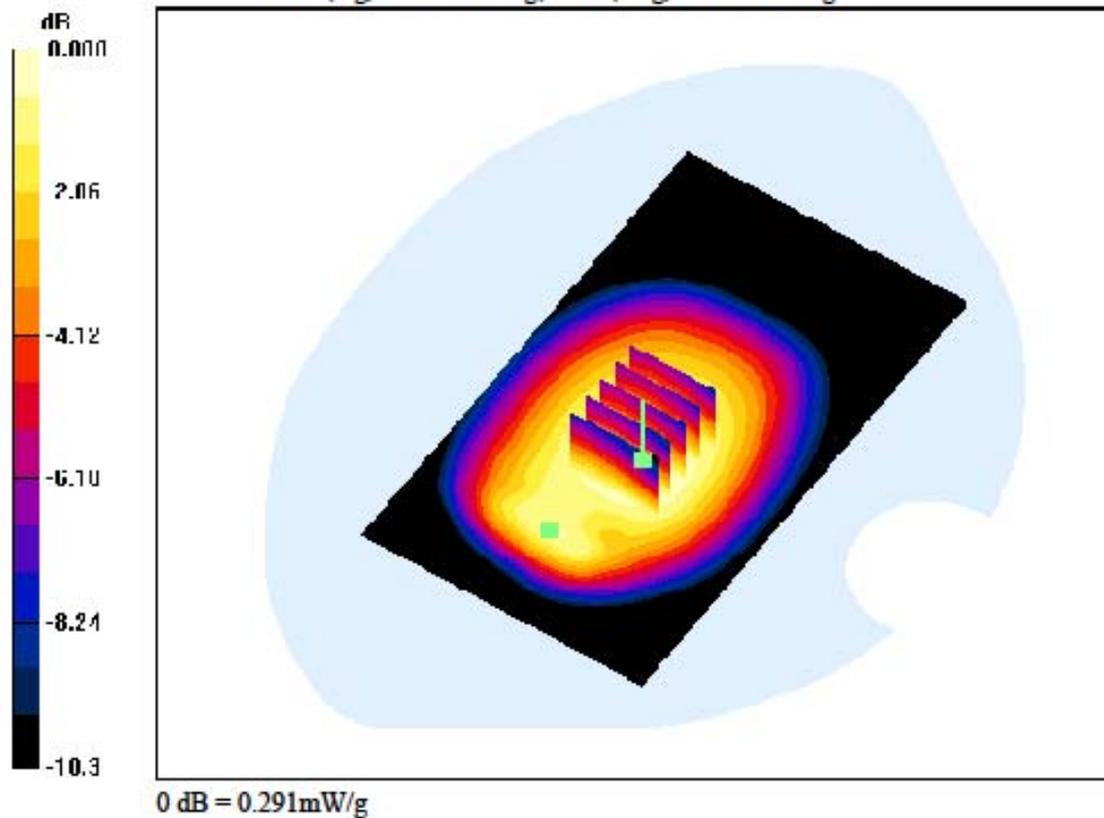Phantom section: Flat Section

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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

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 = -0.091 dB
Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.194 W/kg

0 dB = 0.291mW/g

DIGITAL EMC CO., LTD.

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.955$ mho/m; $\varepsilon_r = 53.4$; $\rho = 1000$ kg/m^3
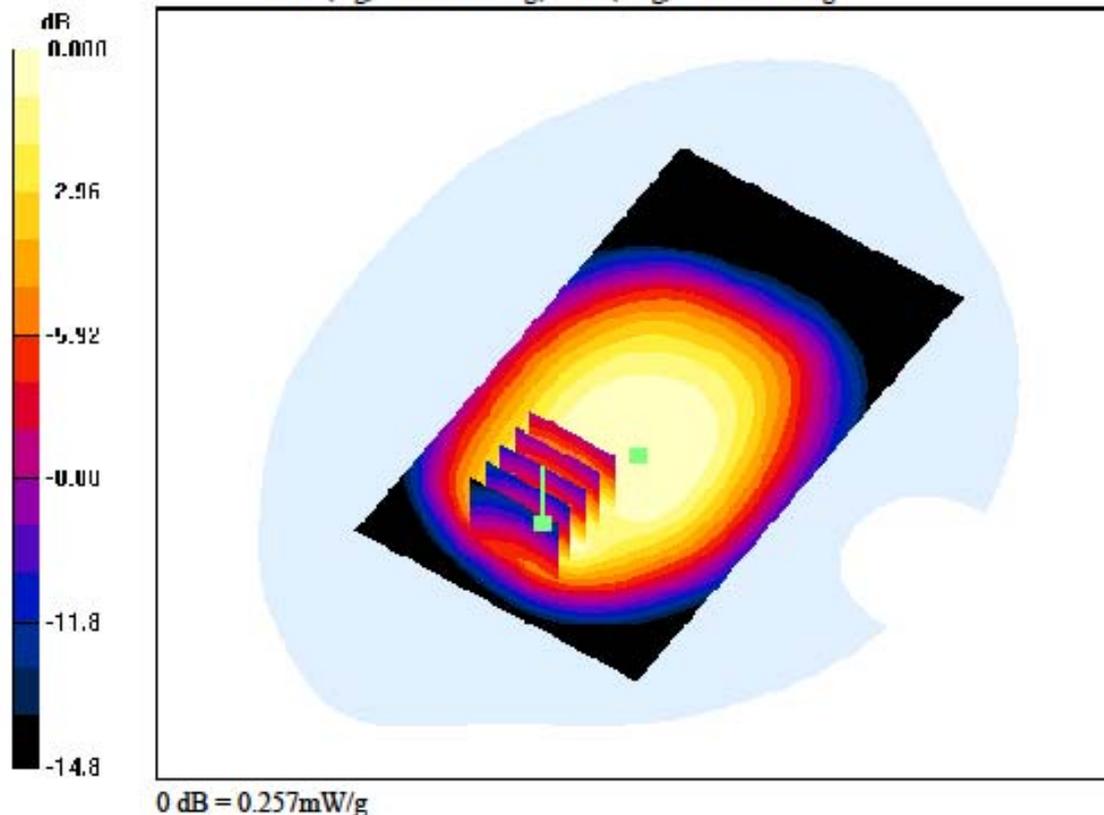Phantom section: Flat Section

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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

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 = -0.091 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.133 W/kg

0 dB = 0.257mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.965 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3
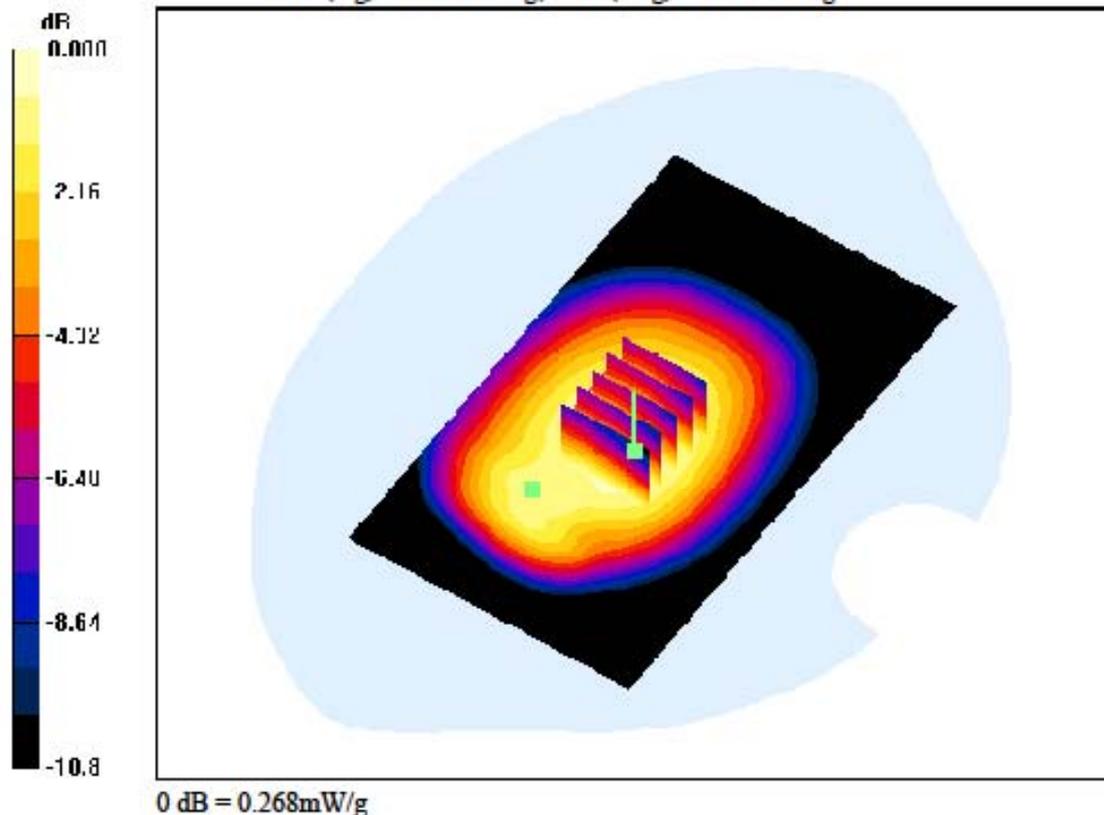Phantom section: Flat Section

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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

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 = 0.164 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.179 W/kg

0 dB = 0.268mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g;　Type: Bar

Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.965 mho/m; ε_r = 53.3; ρ = 1000 kg/m³
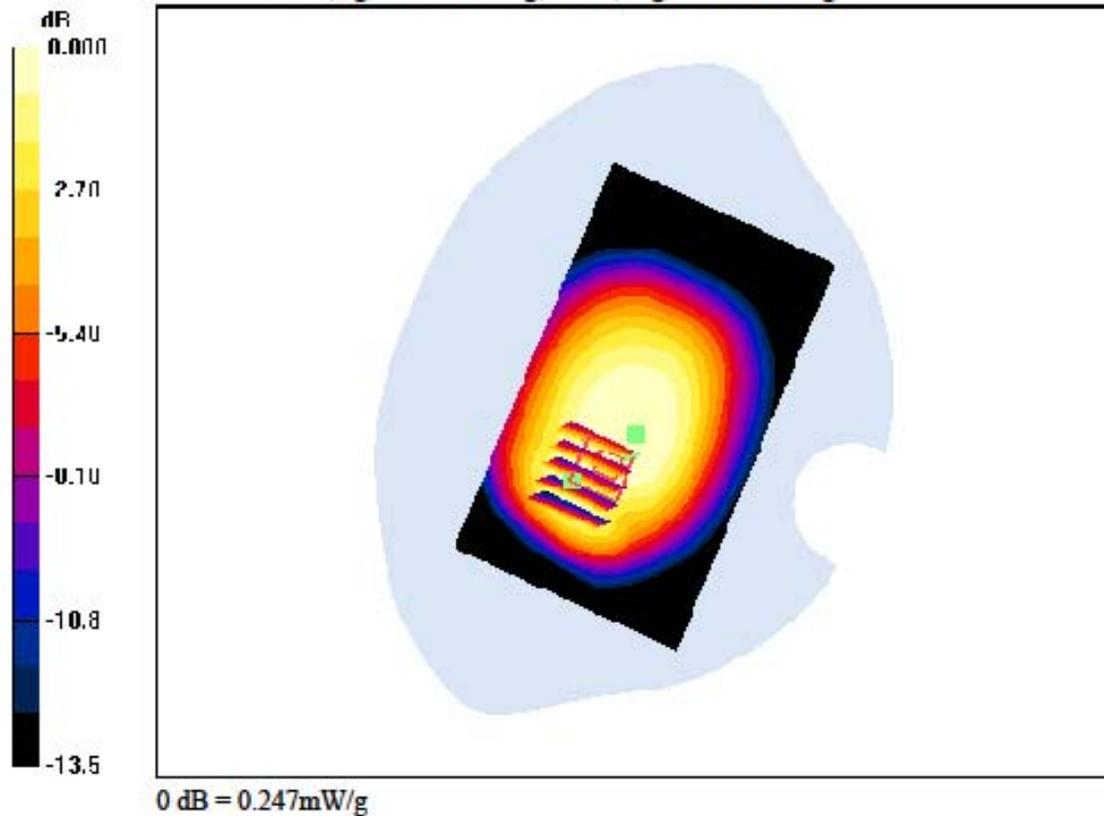Phantom section: Flat Section

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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

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 = 0.164 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.134 W/kg

0 dB = 0.247mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.955 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
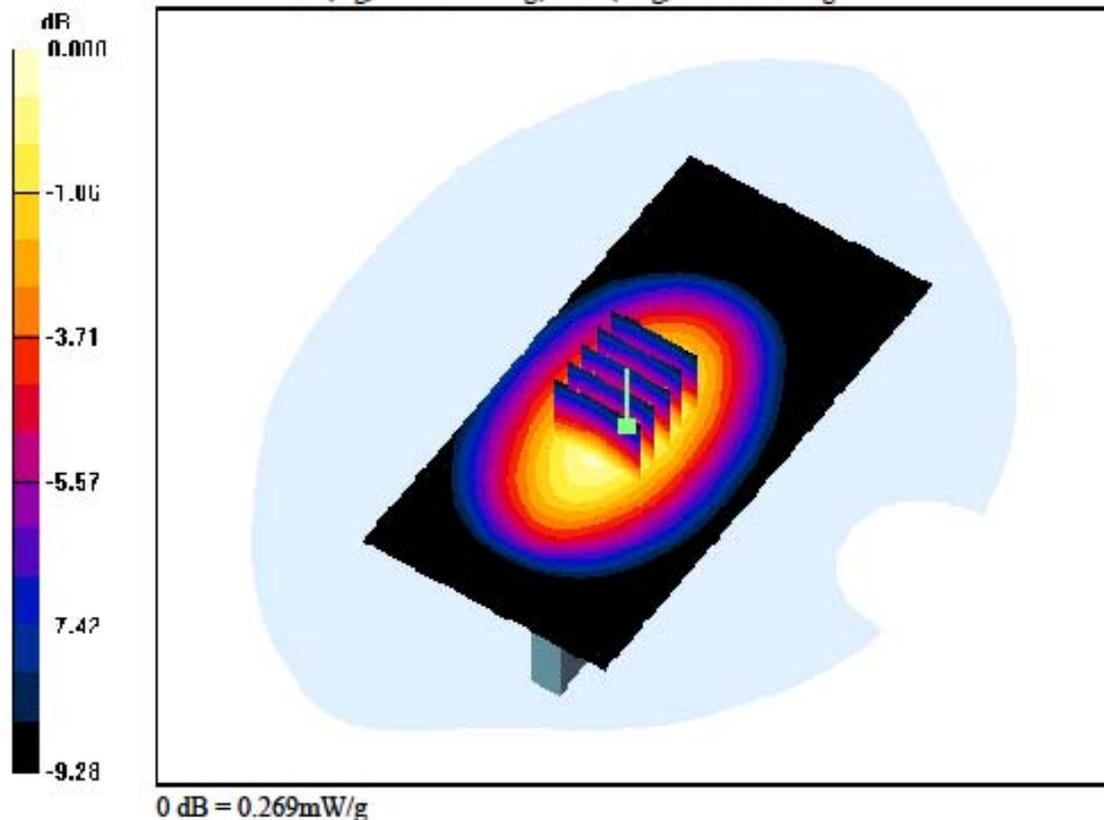Phantom section: Flat Section

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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

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 = 0.140 dB
Peak SAR (extrapolated) = 0.317 W/kg
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.160 W/kg

0 dB = 0.269mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.955 mho/m; $ε_r$ = 53.4; ρ = 1000 kg/m^3
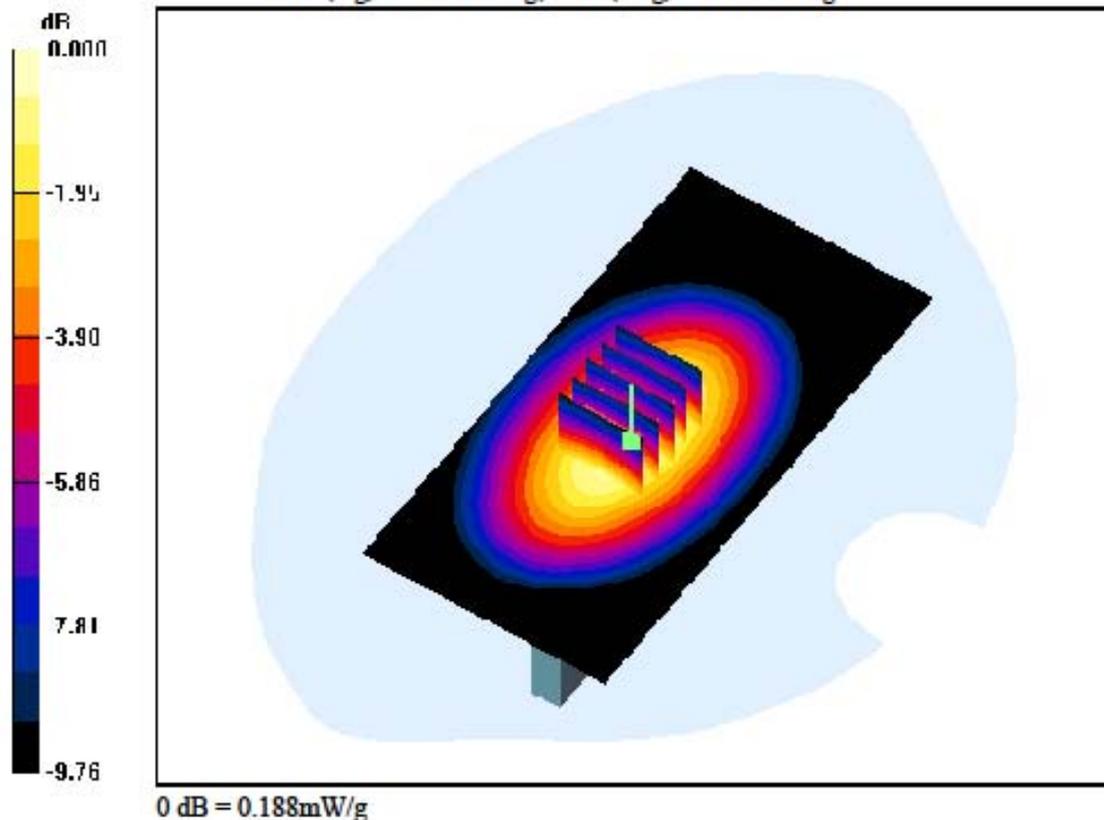Phantom section: Flat Section

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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

1 cm space from Body, Left, 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 = 0.083 dB
Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.109 W/kg

0 dB = 0.188mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

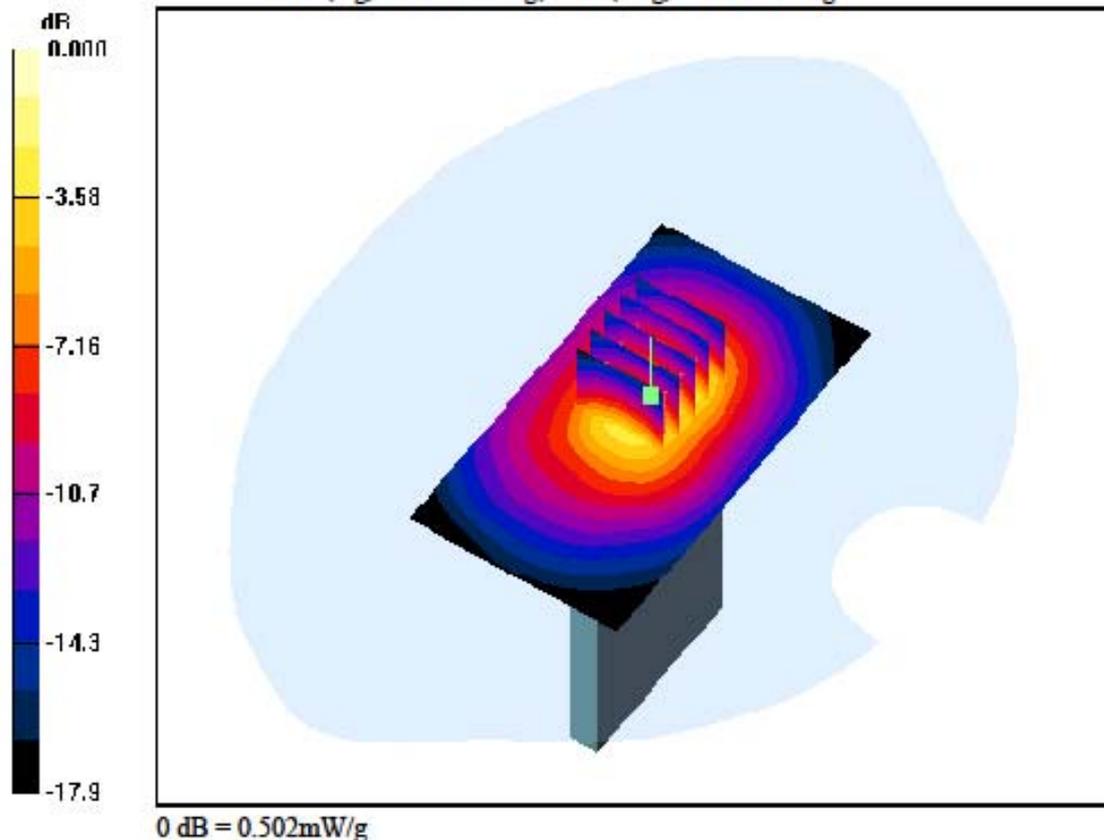## 1 cm space from Body, Bottom, WCDMA1900 Ch. 9400, Ant Internal

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.070 dB
Peak SAR (extrapolated) = 0.646 W/kg
SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.200 W/kg

0 dB = 0.502mW/g

DIGITAL EMC CO., LTD

DUT: LG–E6l2g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
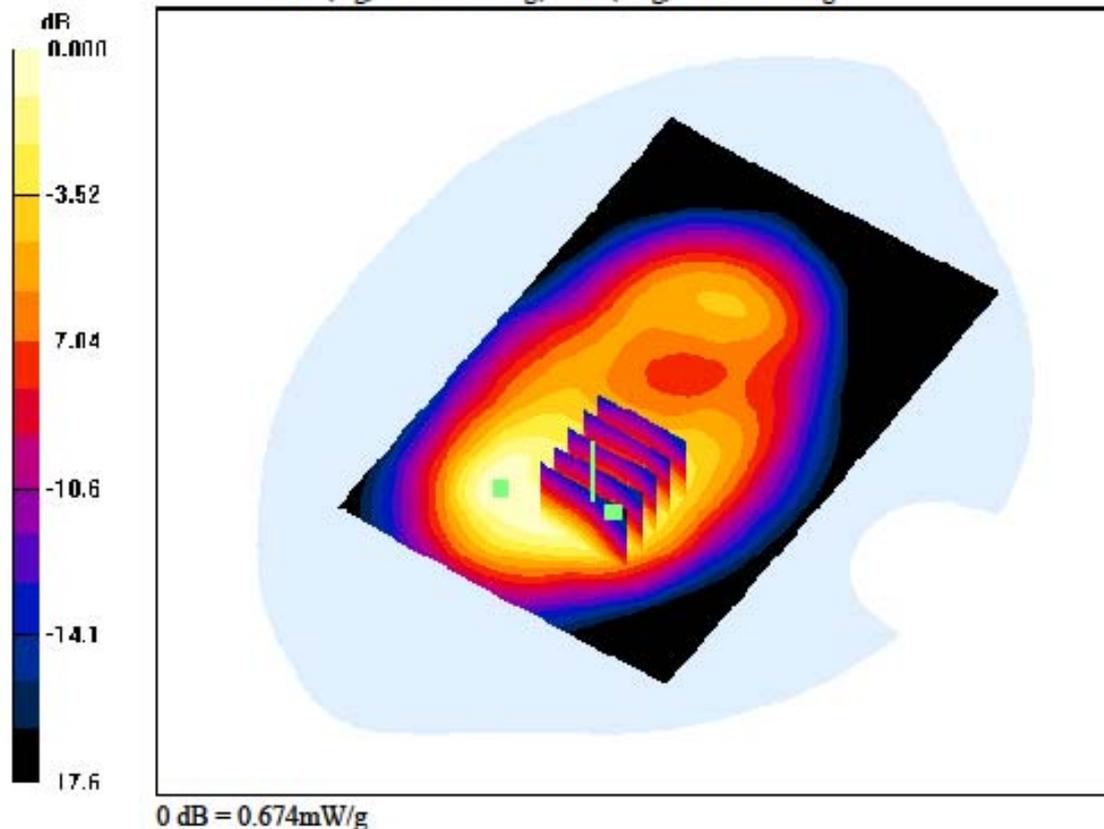Phantom section: Flat Section

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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

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 = 0.066 dB
Peak SAR (extrapolated) = 0.909 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.332 W/kg

0 dB = 0.674mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

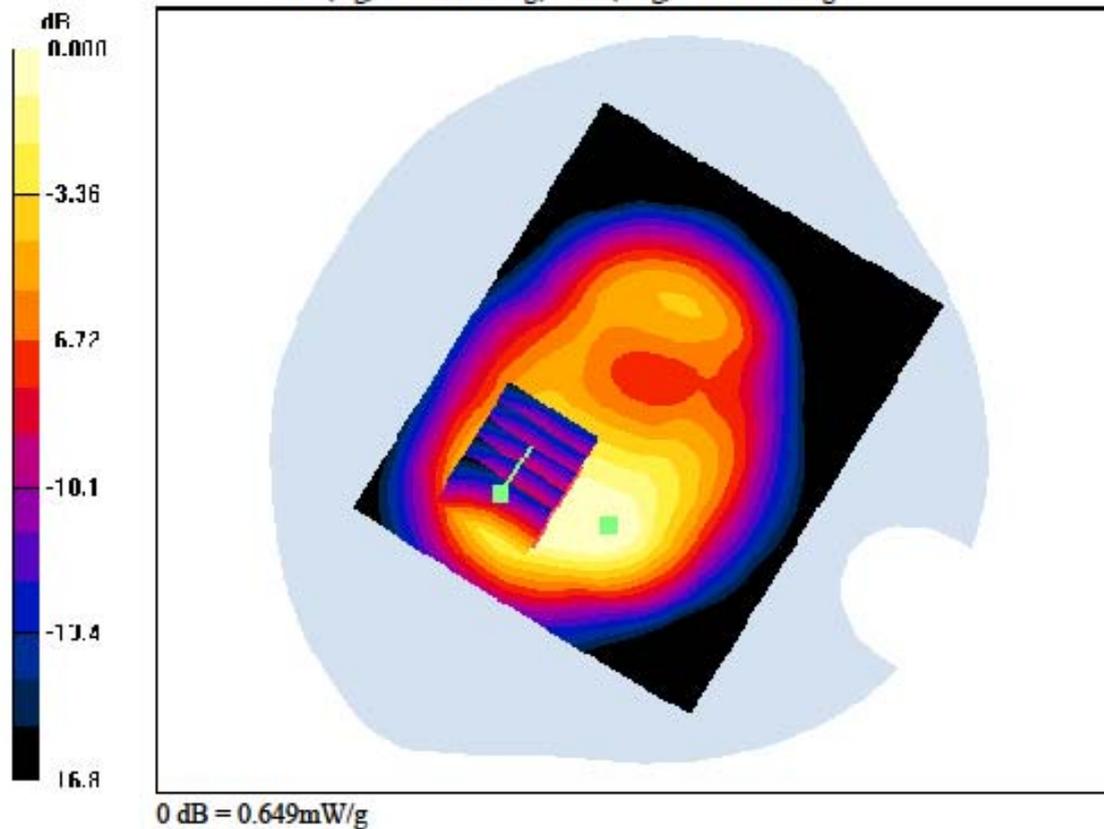## 1 cm space from Body, Front, WCDMA1900 Ch. 9400, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.066 dB
Peak SAR (extrapolated) = 0.861 W/kg
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.300 W/kg

0 dB = 0.649mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 51.7; ρ = 1000 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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

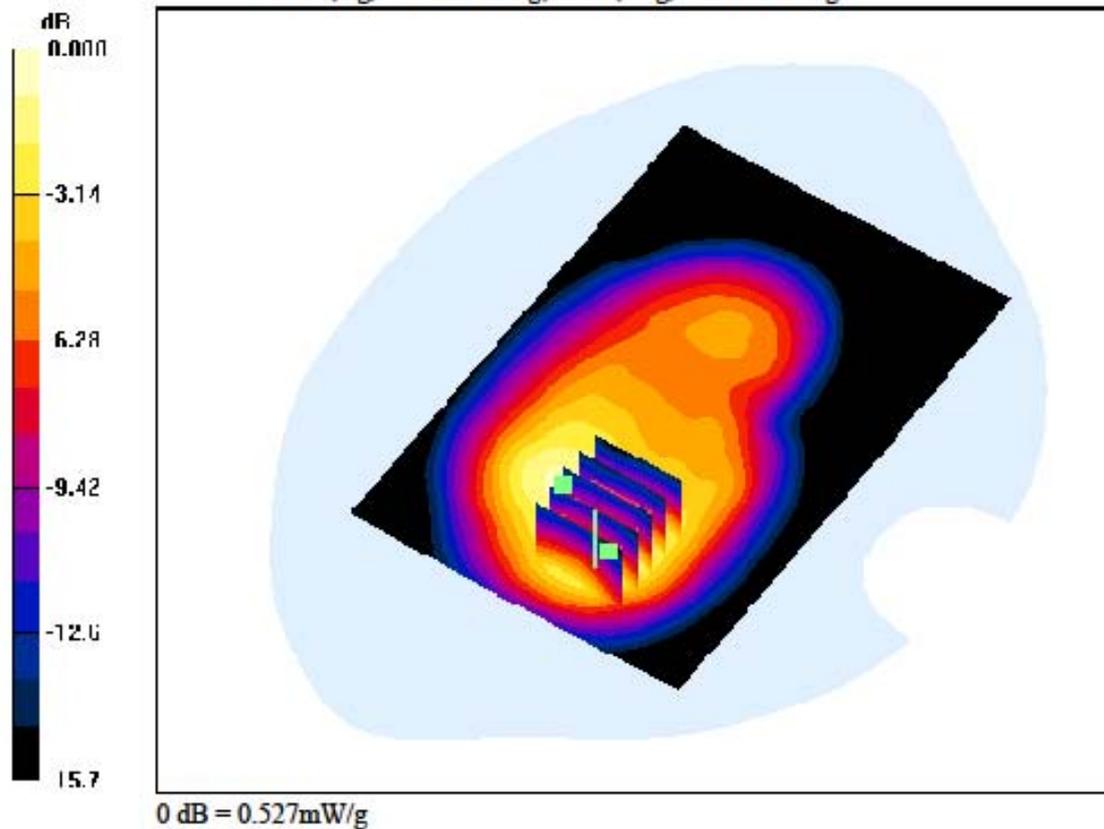### 1 cm space from Body, Rear, WCDMA1900 Ch. 9262, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.702 W/kg
SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.231 W/kg

0 dB = 0.527mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 51.7; ρ = 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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

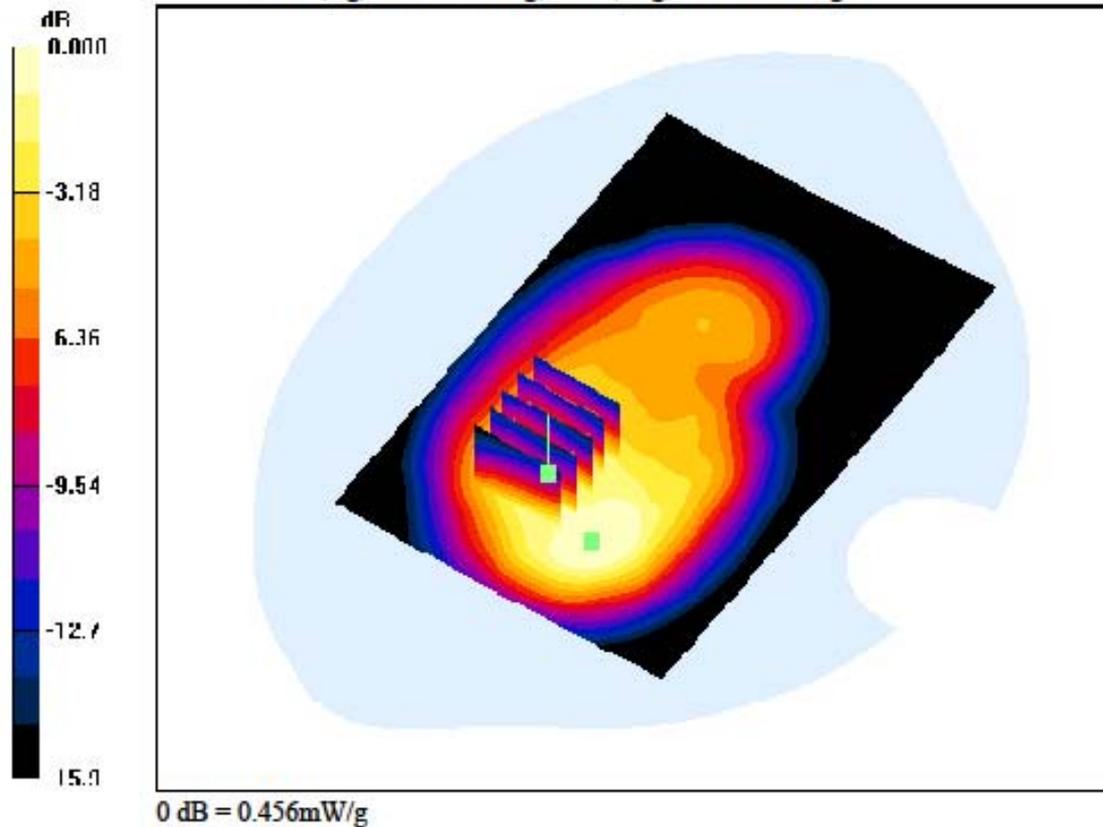### 1 cm space from Body, Rear, WCDMA1900 Ch. 9262, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.590 W/kg
SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.211 mW/g

0 dB = 0.456mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

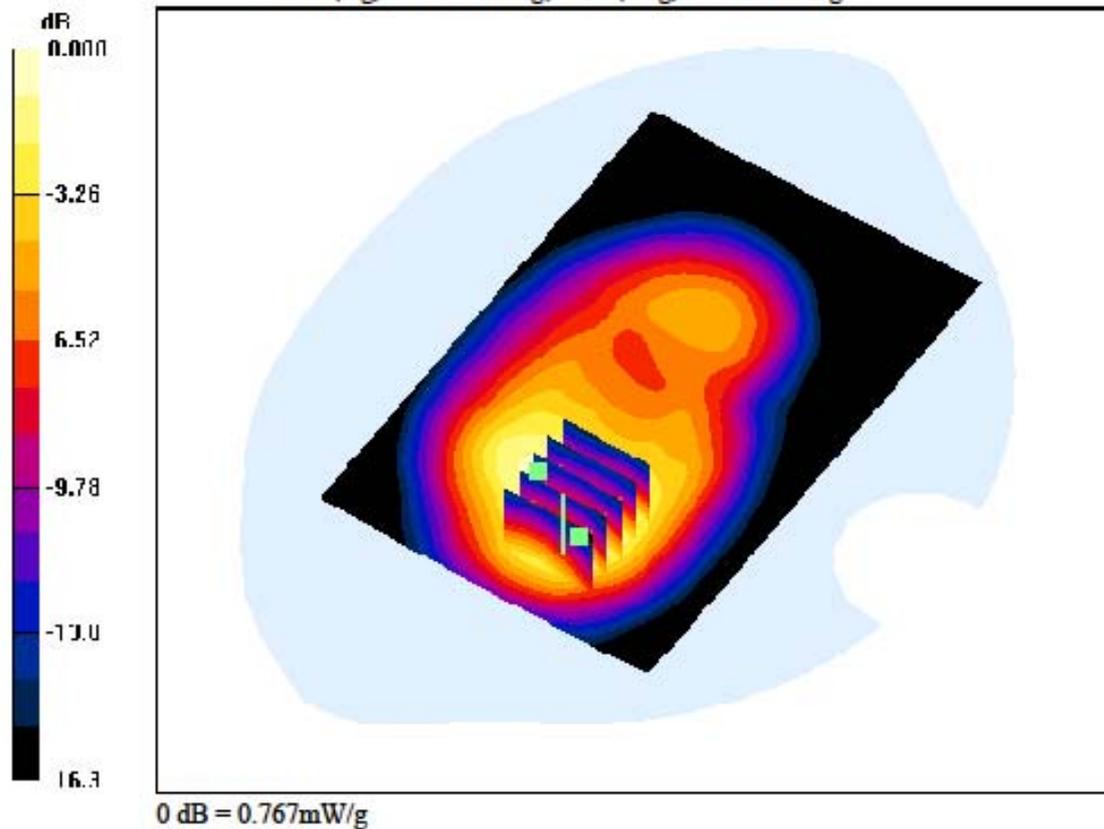### 1 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.062 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.336 W/kg

0 dB = 0.767mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

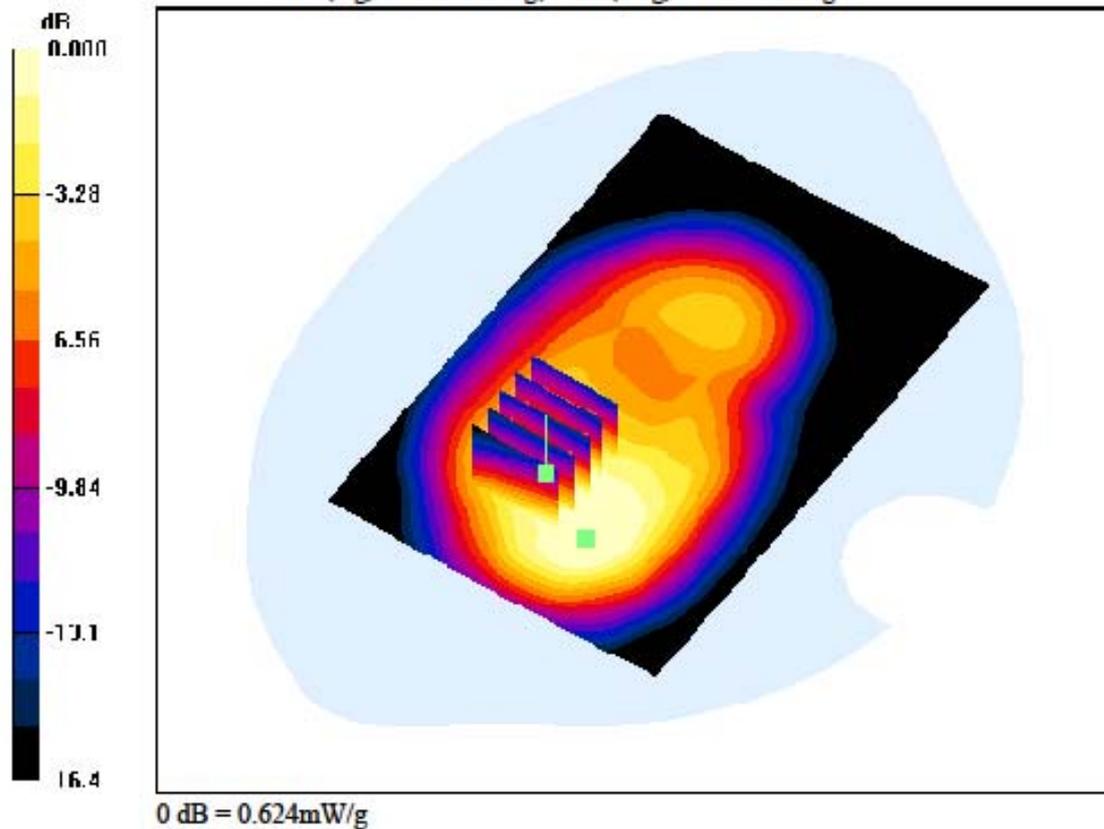### 1 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.814 W/kg
SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.289 W/kg

0 dB = 0.624mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1907.6 MHz; σ = 1.52 mho/m; ε_r = 51.5; ρ = 1000 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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

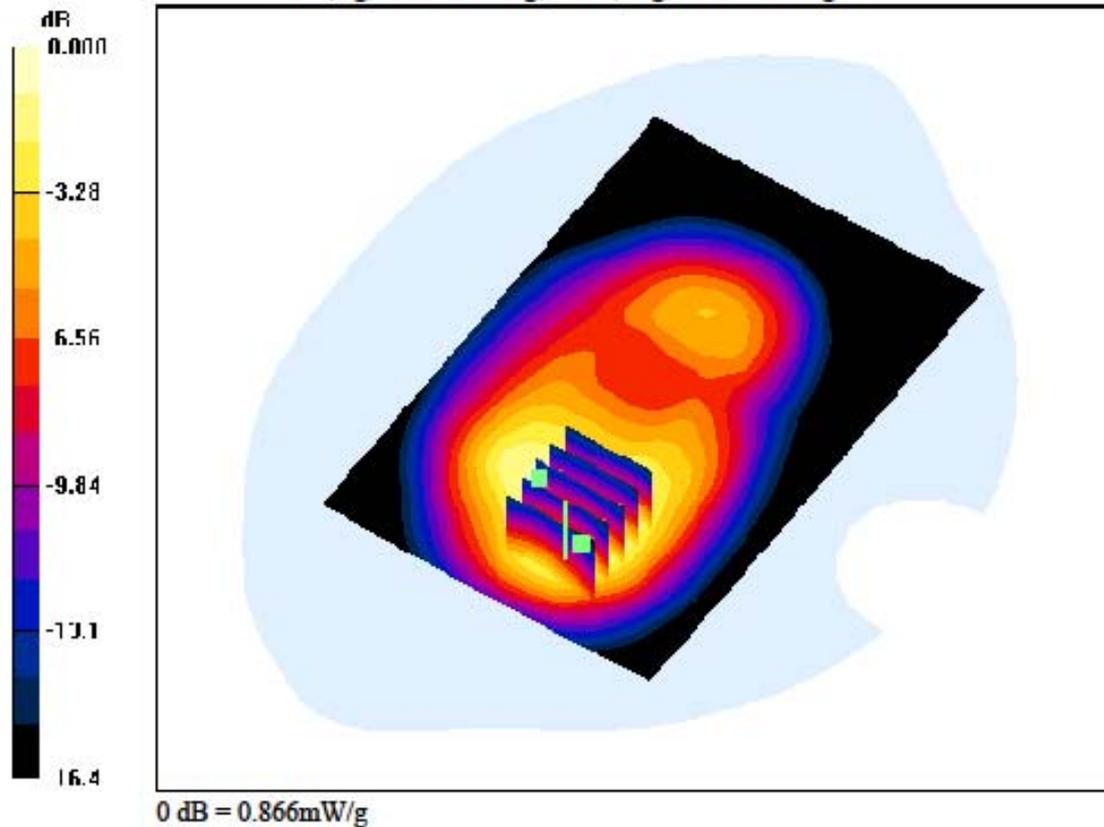### 1 cm space from Body, Rear, WCDMA1900 Ch. 9538, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.025 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.386 W/kg

dB
0.000
-3.28
6.56
-9.84
-13.1
16.4

0 dB = 0.866mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1907.6 MHz; σ = 1.52 mho/m; $ε_r$ = 51.5; ρ = 1000 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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

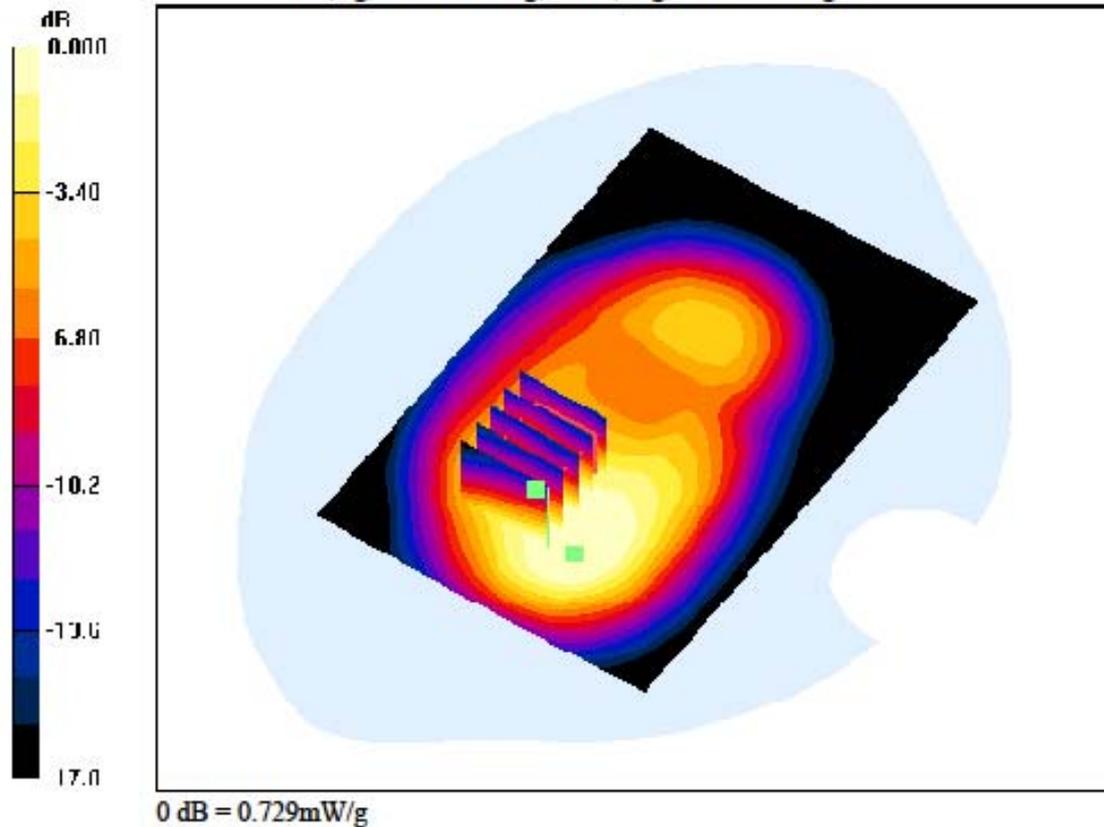### 1 cm space from Body, Rear, WCDMA1900 Ch. 9538, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.918 W/kg
SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.325 W/kg

0 dB = 0.729mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

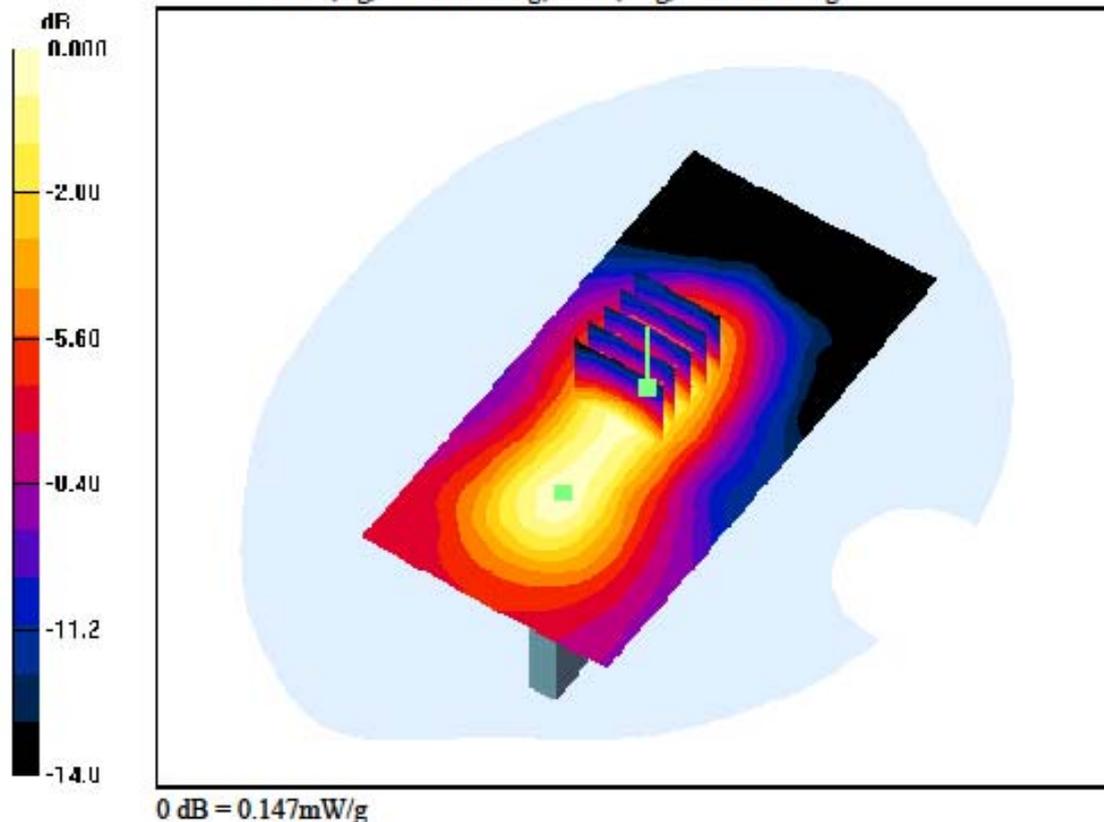### 1 cm space from Body, Right, WCDMA1900 Ch. 9400, Ant Internal

Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.120 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.071 W/kg

dB
0.000

-2.00

-5.60

-U.40

-11.2

-14.0

0 dB = 0.147mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
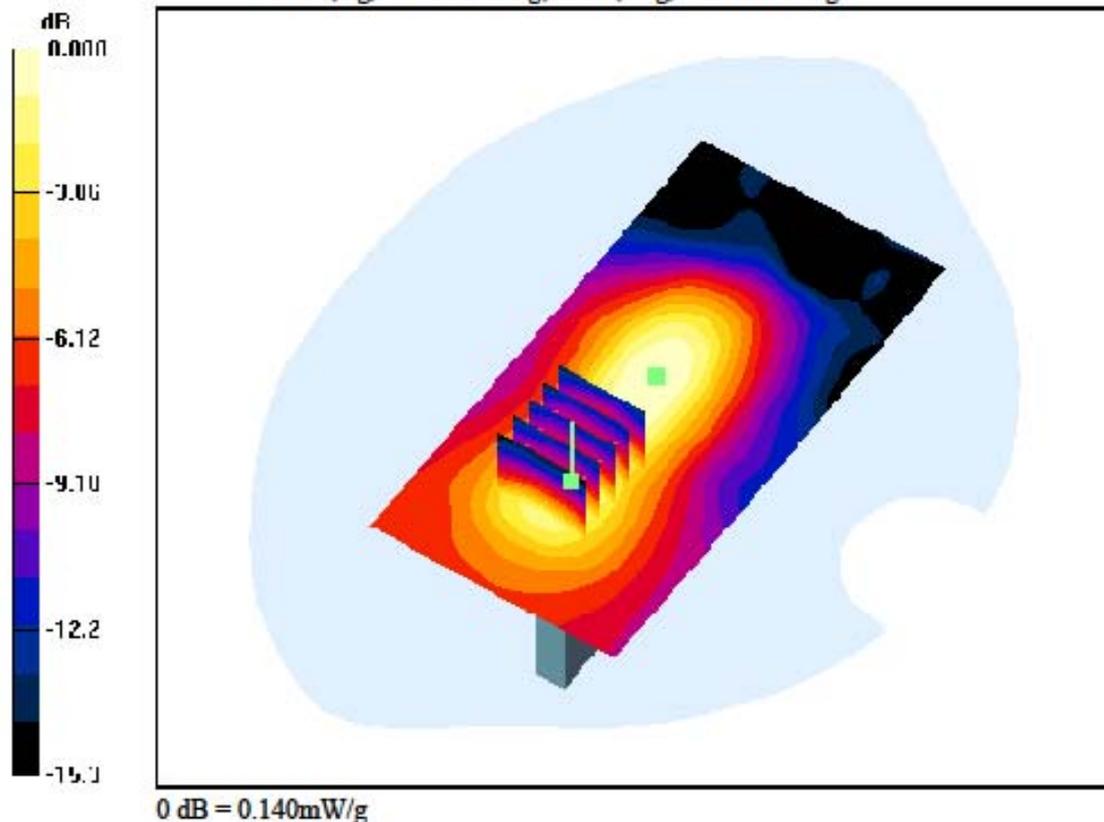Phantom section: Flat Section

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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

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 = 0.120 dB
Peak SAR (extrapolated) = 0.181 W/kg
SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.066 W/kg

0 dB = 0.140mW/g

DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 51.6; ρ = 1000 kg/m³
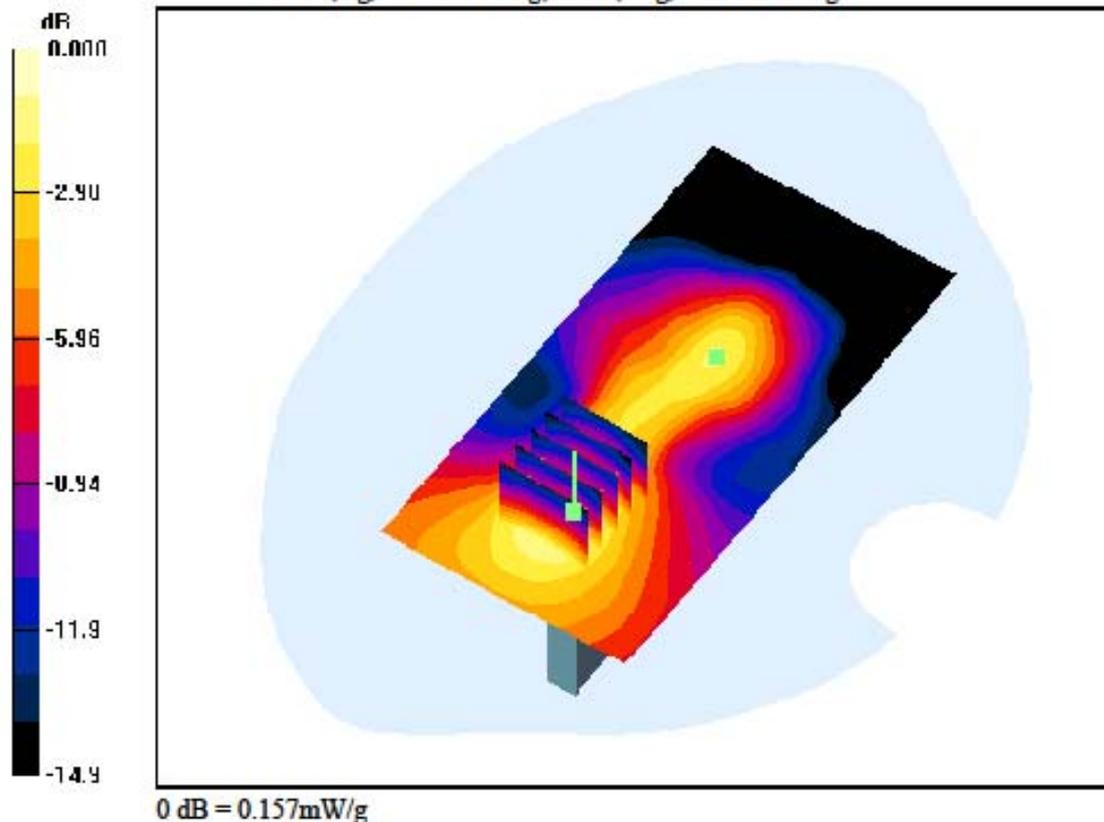Phantom section: Flat Section

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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

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 = -0.024 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.071 W/kg

0 dB = 0.157mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; $ε_r$ = 51.6; ρ = 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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

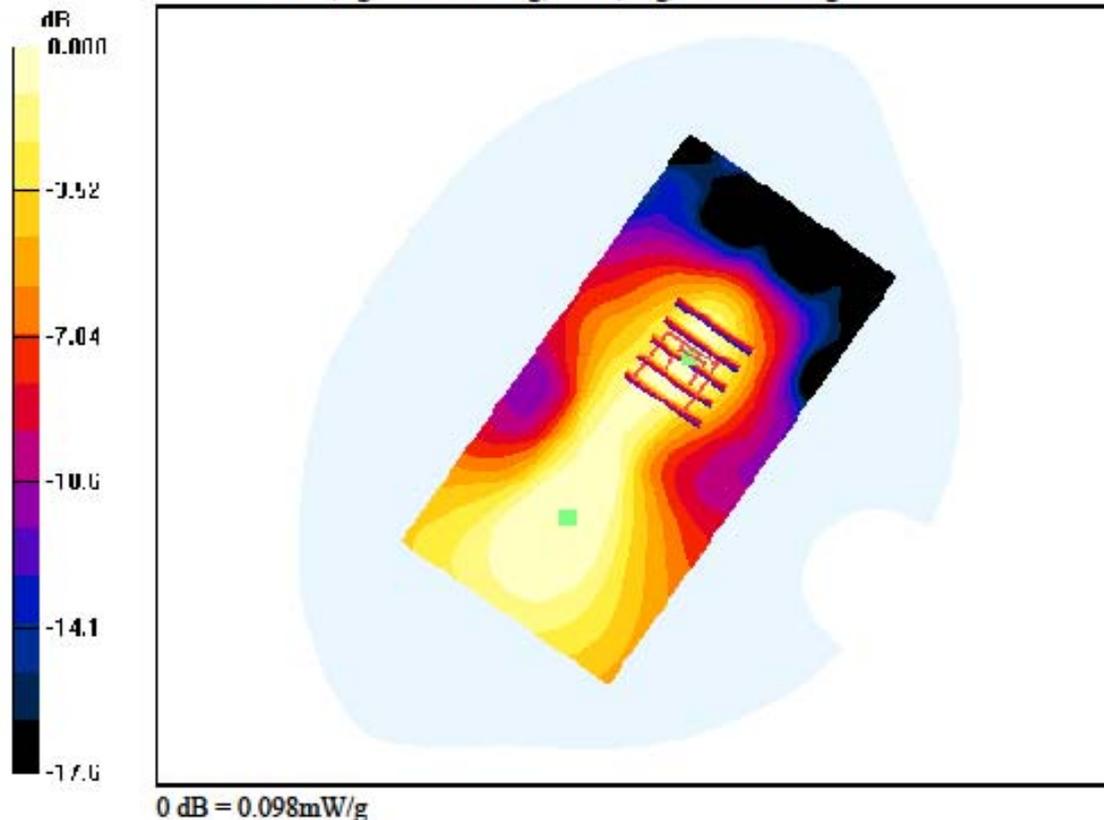### 1 cm space from Body, Left, WCDMA1900 Ch. 9400, Ant Internal

Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.046 W/kg

0 dB = 0.098mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 52.1; ρ = 1000 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: 2012-04-26; Ambient Temp: 22.2; Tissue Temp:22.6

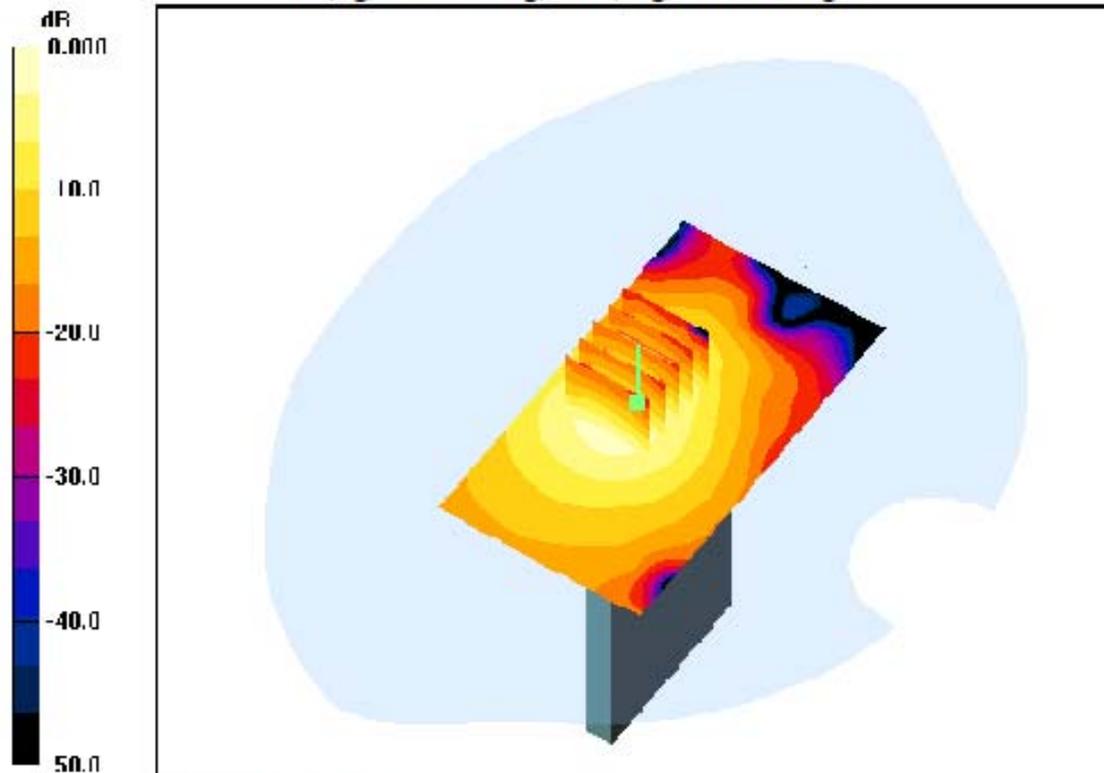### 1 cm space from Body, Top, W-LAN(802.11b) Ch. 11, Ant Internal

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.109 dB
Peak SAR (extrapolated) = 0.613 W/kg
SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.143 W/kg

0 dB = 0.403mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ϵ_r = 52.1; ρ = 1000 kg/m^3
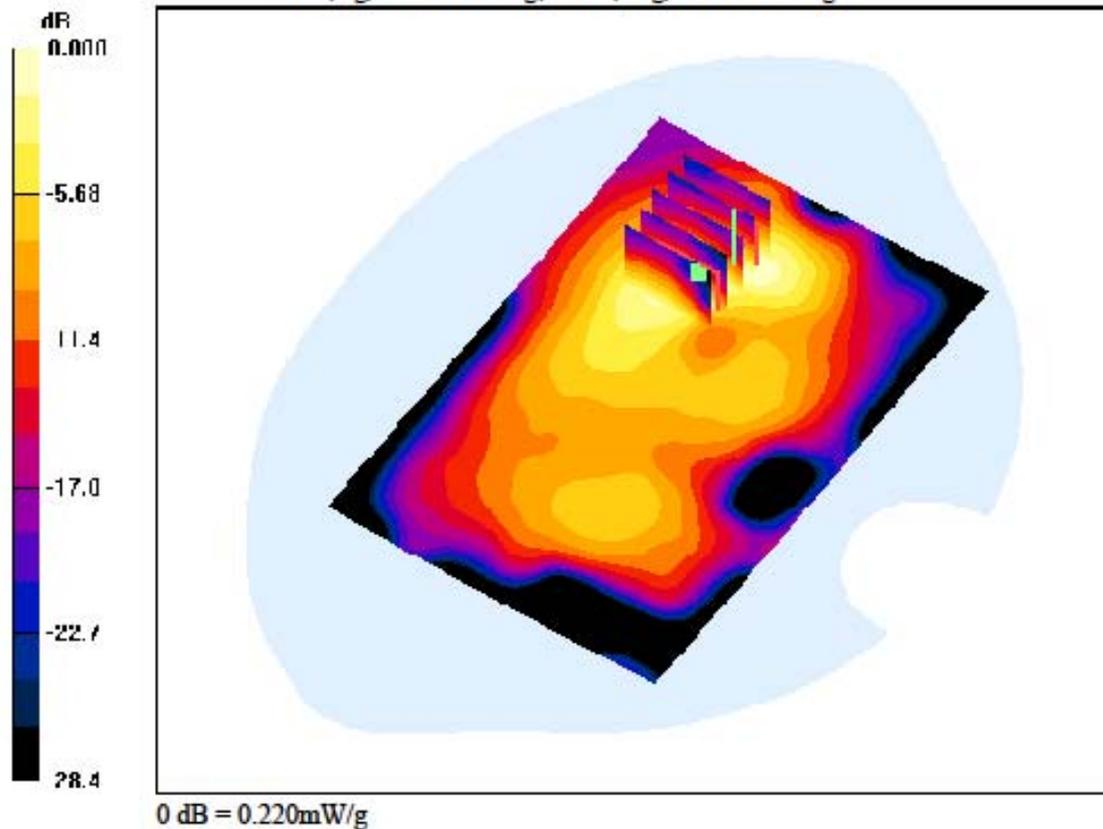Phantom section: Flat Section

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: 2012-04-26; Ambient Temp: 22.2; Tissue Temp:22.6

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 = -0.088 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.082 W/kg

0 dB = 0.220mW/g

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DUT: LG–E612g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.93 mho/m; ϵ_r = 51.6; ρ = 1000 kg/m³
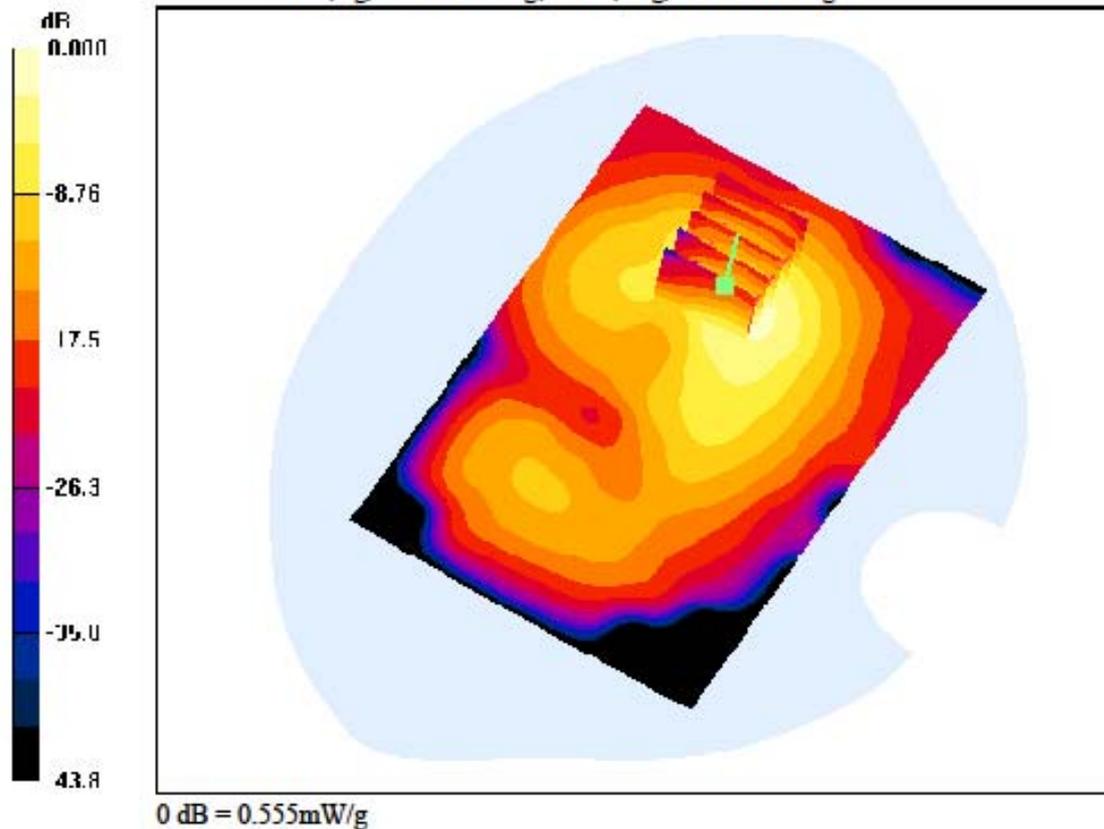Phantom section: Flat Section

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: 2012-04-26; Ambient Temp: 22.2; Tissue Temp:22.6

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 1, 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 = 0.034 dB
Peak SAR (extrapolated) = 0.854 W/kg
SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.181 W/kg

0 dB = 0.555mW/g

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DUT: LG–E6l2g; Type: Bar

Communication System: W-LAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ϵ_r = 51.7; ρ = 1000 kg/m^3
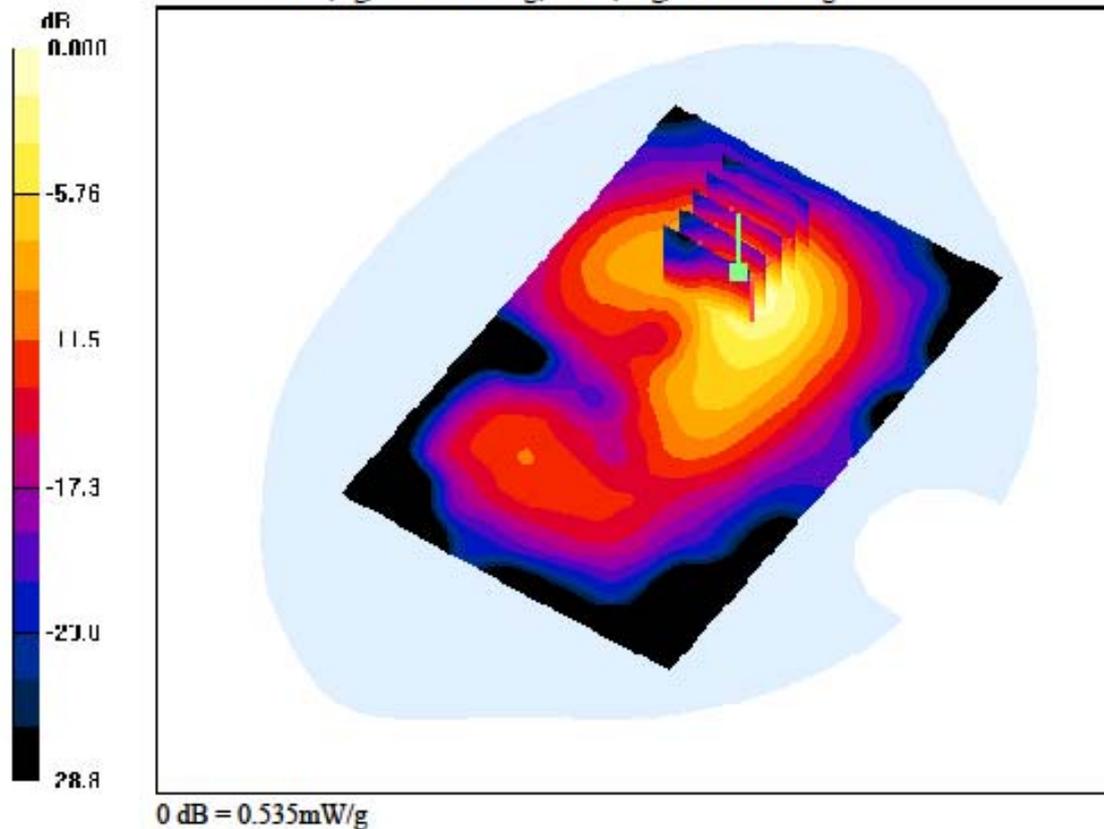Phantom section: Flat Section

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: 2012-04-26; Ambient Temp: 22.2; Tissue Temp:22.6

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 = 0.194 dB
Peak SAR (extrapolated) = 0.822 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.177 W/kg

0 dB = 0.535mW/g

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; $ε_r$ = 52.1; ρ = 1000 kg/m³
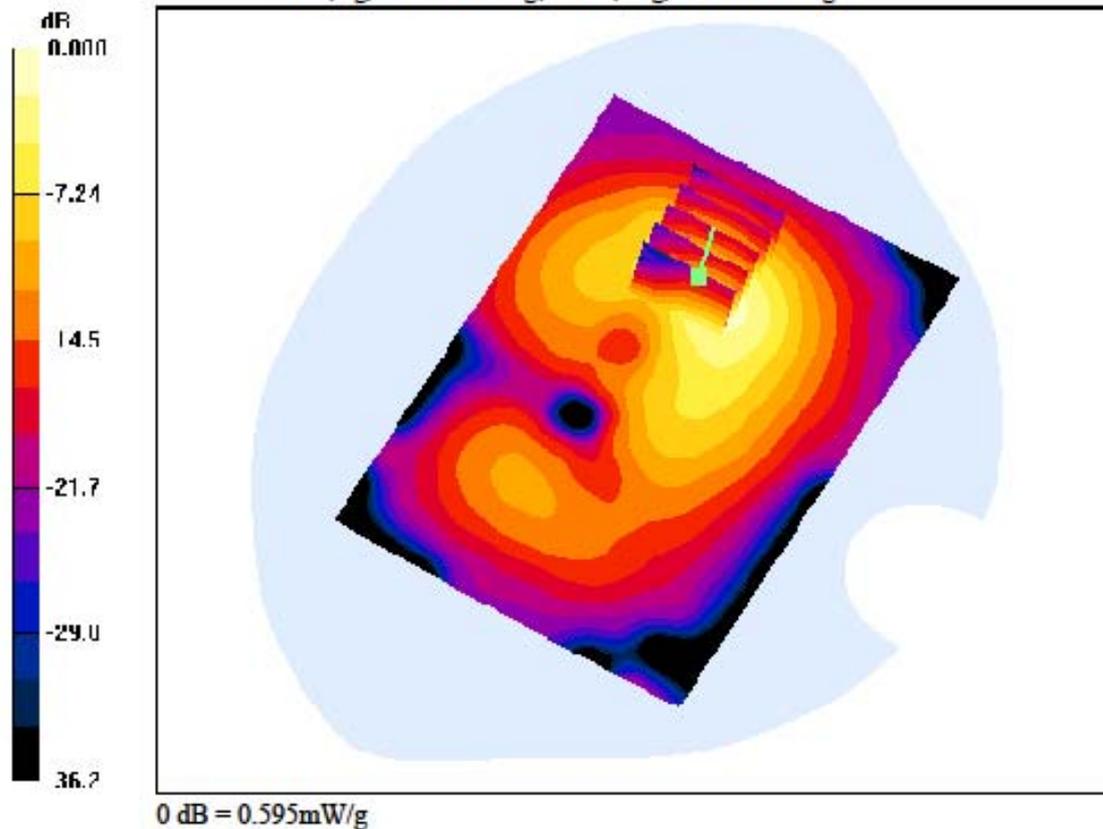Phantom section: Flat Section

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: 2012-04-26; Ambient Temp: 22.2; Tissue Temp:22.6

1 cm space from Body, Rear, 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 = 0.105 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.196 W/kg

0 dB = 0.595mW/g

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DUT: LG–E612g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 52.1; ρ = 1000 kg/m³
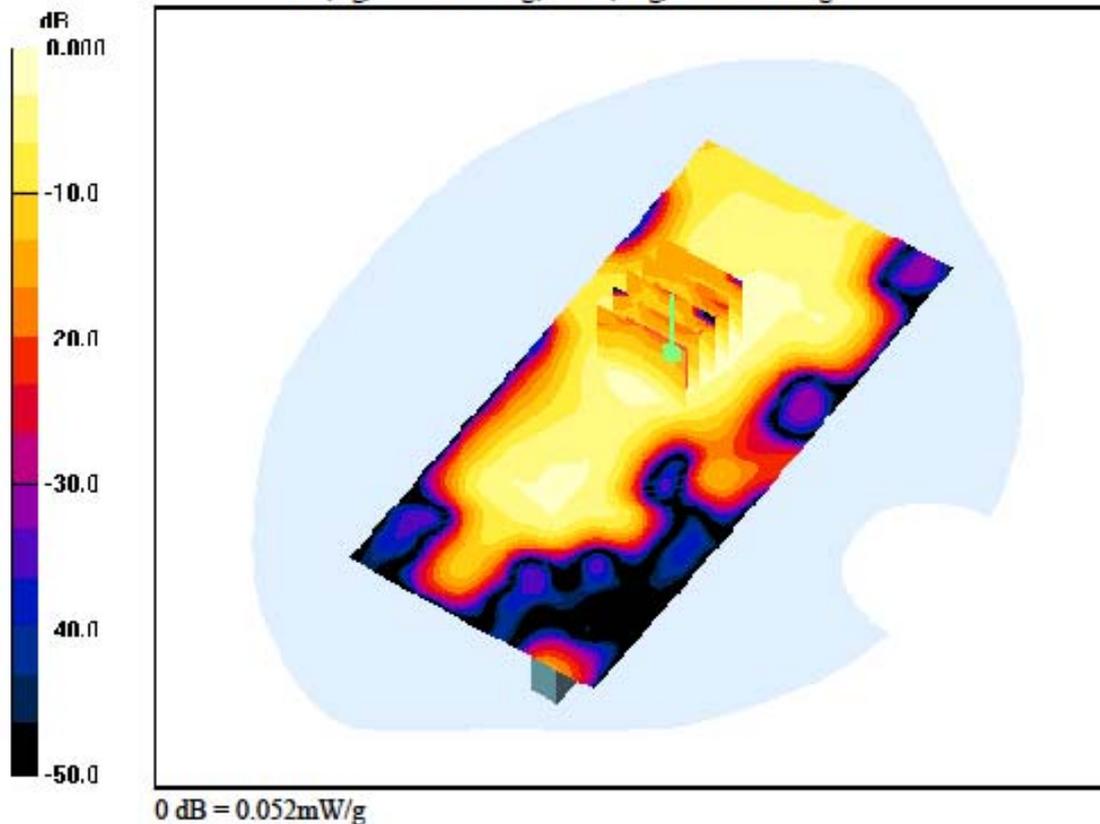Phantom section: Flat Section

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: 2012-04-26; Ambient Temp: 22.2; Tissue Temp:22.6

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

Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.100 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.020 W/kg

0 dB = 0.052mW/g

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DUT: LG–E6l2g; Type: Bar

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 824.2 MHz; σ = 0.867 mho/m; ε_r = 42.9; ρ = 1000 kg/m^3
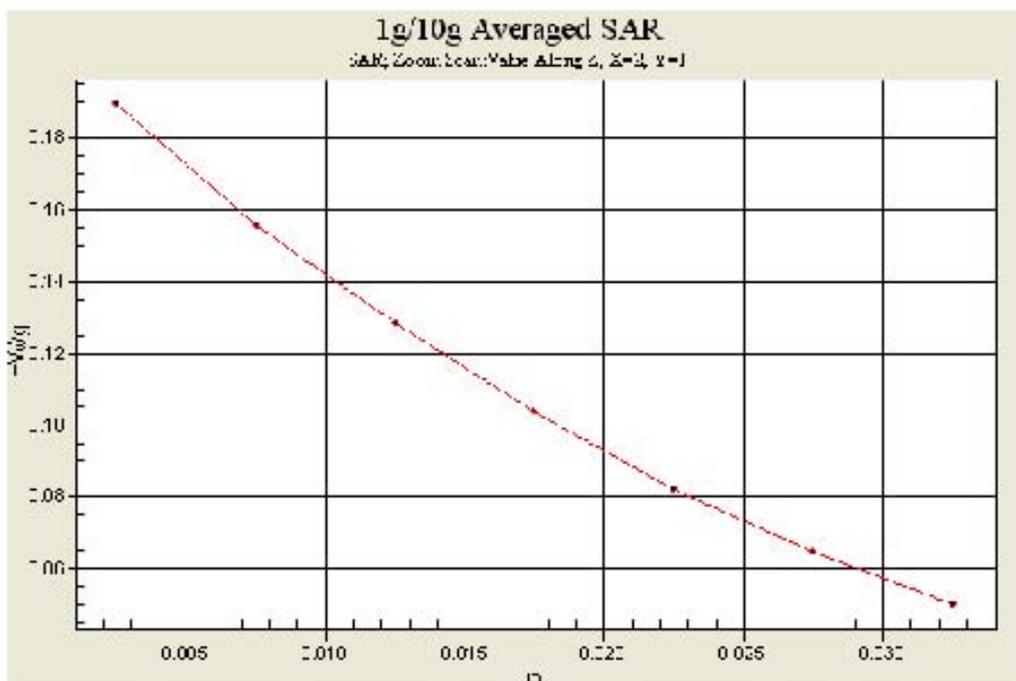Phantom section: Right Section

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: 2012-04-23; Ambient Temp: 21.8; Tissue Temp:22.0

Right Touch, GSM850 Ch. 128, 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 = 0.167 dB
Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.130 W/kg

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DUT: LG–E6l2g; Type: Bar

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 824.2 MHz; σ = 0.944 mho/m; ε_r = 53.5; ρ = 1000 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: 2012-04-23; Ambient Temp: 21.8; Tissue Temp:22.0

1 cm space from Body, Rear, GSM850 GPRS Class 10 Ch. 128, Ant Internal
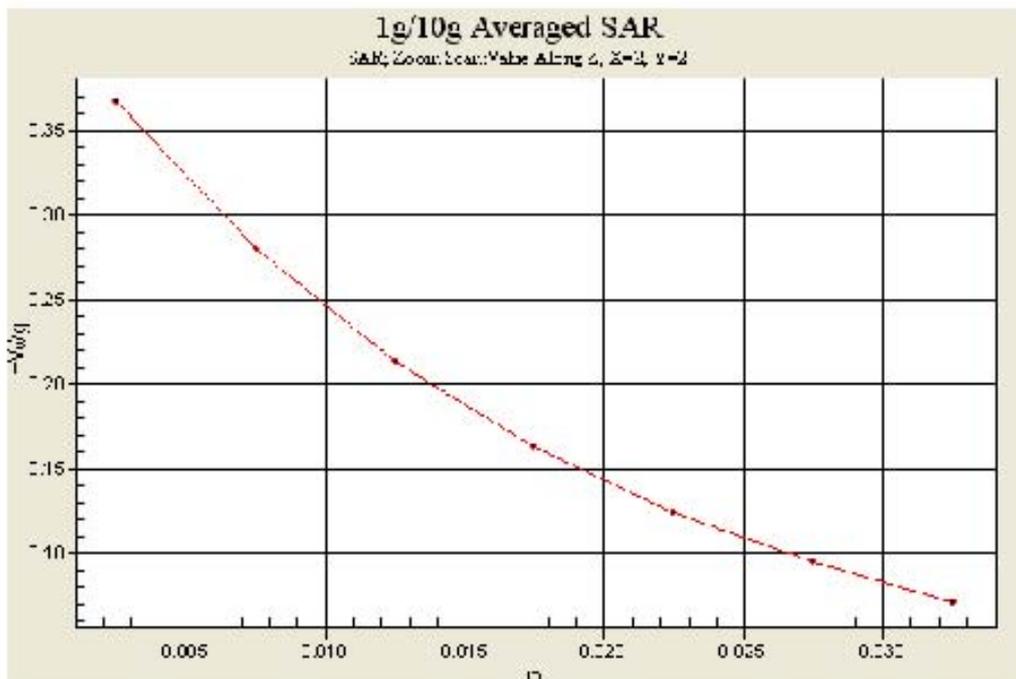
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.010 dB
Peak SAR (extrapolated) = 0.423 W/kg
SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.244 W/kg

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DIGITAL EMC CO., LTD

DUT: LG–E612g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.875 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3
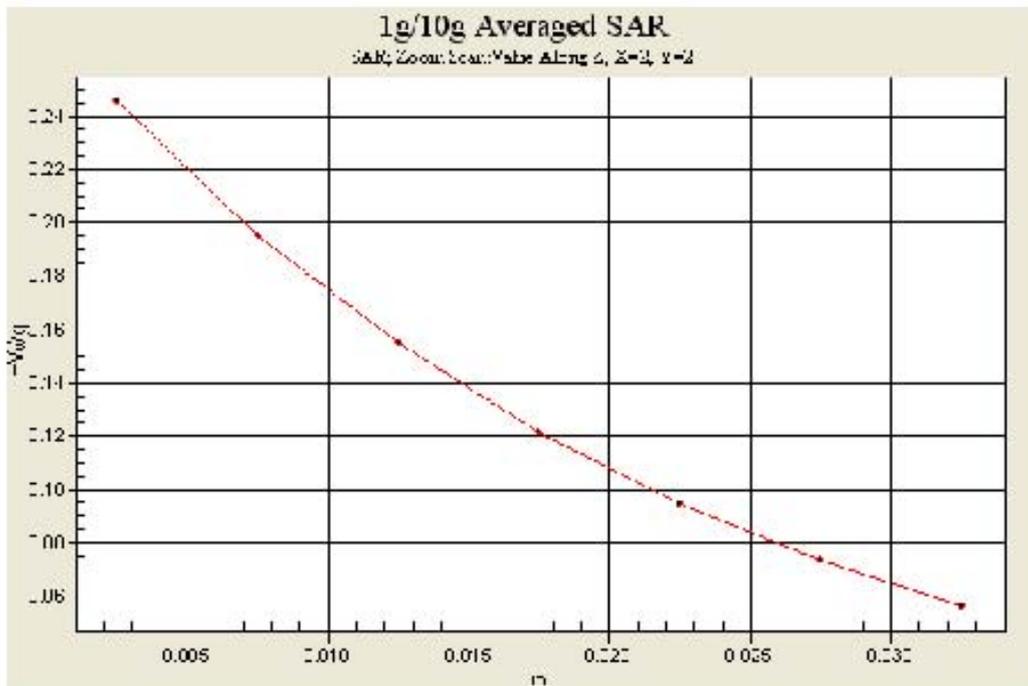Phantom section: Left Section

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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

Left Touch, WCDMA850 Ch. 4132, 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 = -0.103 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.169 W/kg

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DUT: LG–E612g; Type: Bar

Communication System: WCDMA 850 ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.946 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
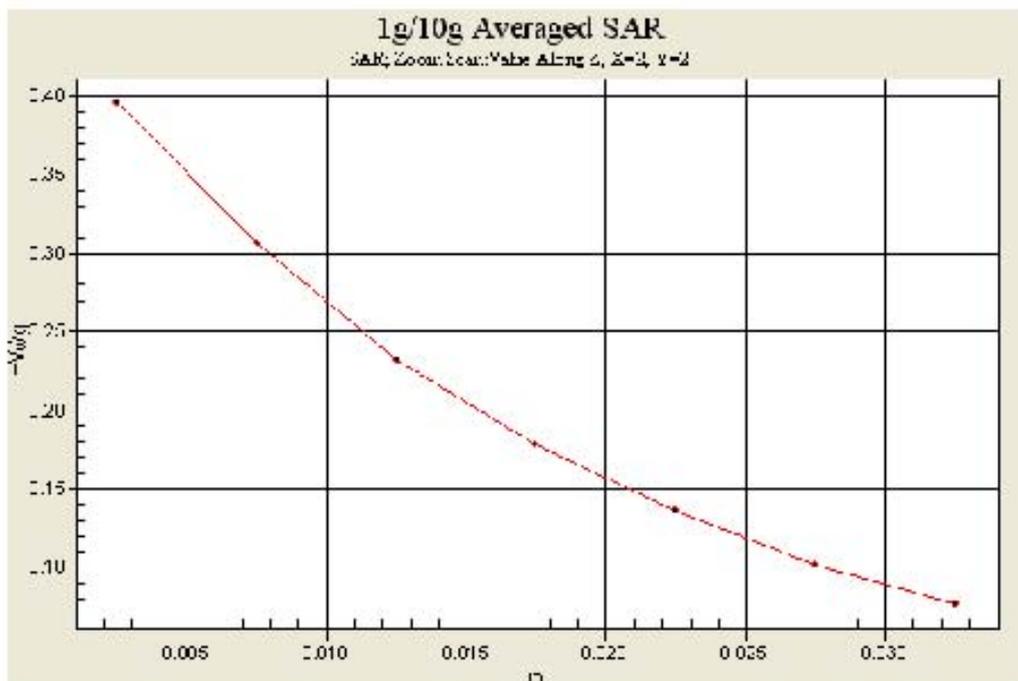Phantom section: Flat Section

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: 2012-04-24; Ambient Temp: 22.1; Tissue Temp:22.5

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 = -0.164 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.265 W/kg

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DUT: LG–E612g; Type: Bar

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.45 mho/m; ε_r = 40.7; ρ = 1000 kg/m³
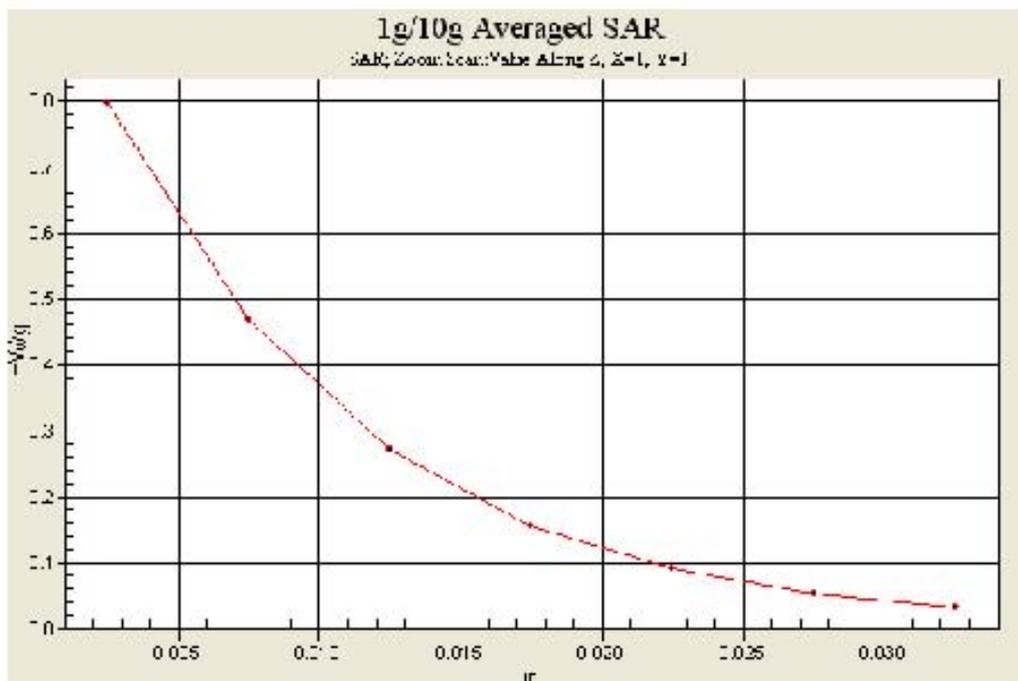Phantom section: Left Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

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 = 0.022 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.365 W/kg

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DUT: LG–E6l2g; Type: Bar

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

Medium parameters used: f = 1909.8 MHz; σ = 1.53 mho/m; ε_r = 51.5; ρ = 1000 kg/m³
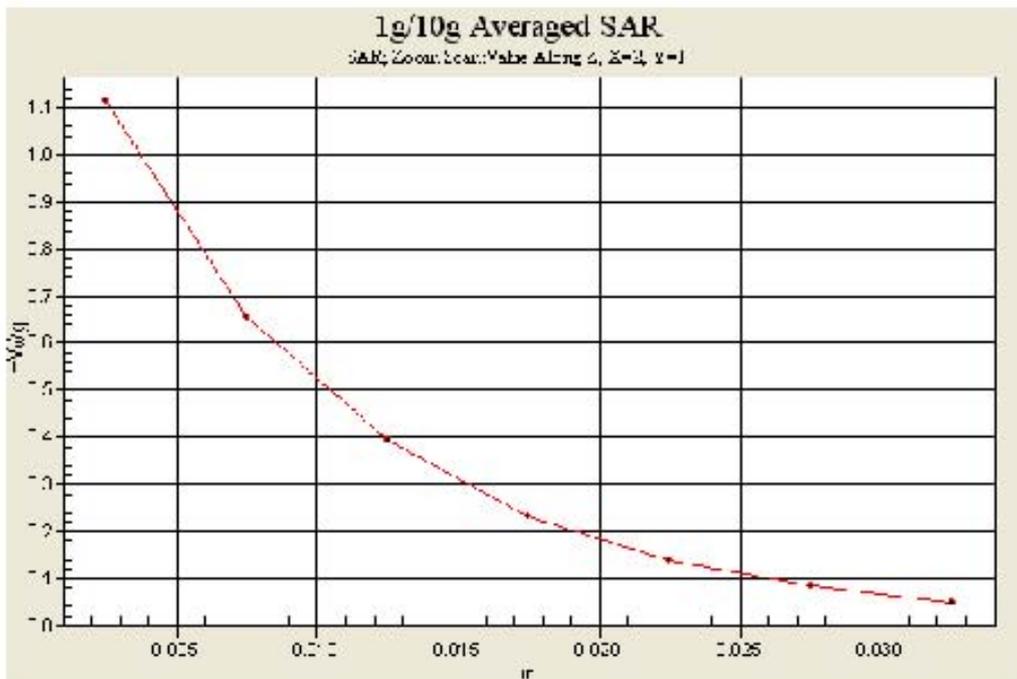
Phantom section: Flat Section

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: 2012-04-21; Ambient Temp: 22.0; Tissue Temp:22.2

1 cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 810, 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 = -0.028 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.476 W/kg

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DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.43$ mho/m; $\varepsilon_r = 40.4$; $\rho = 1000$ kg/m^3
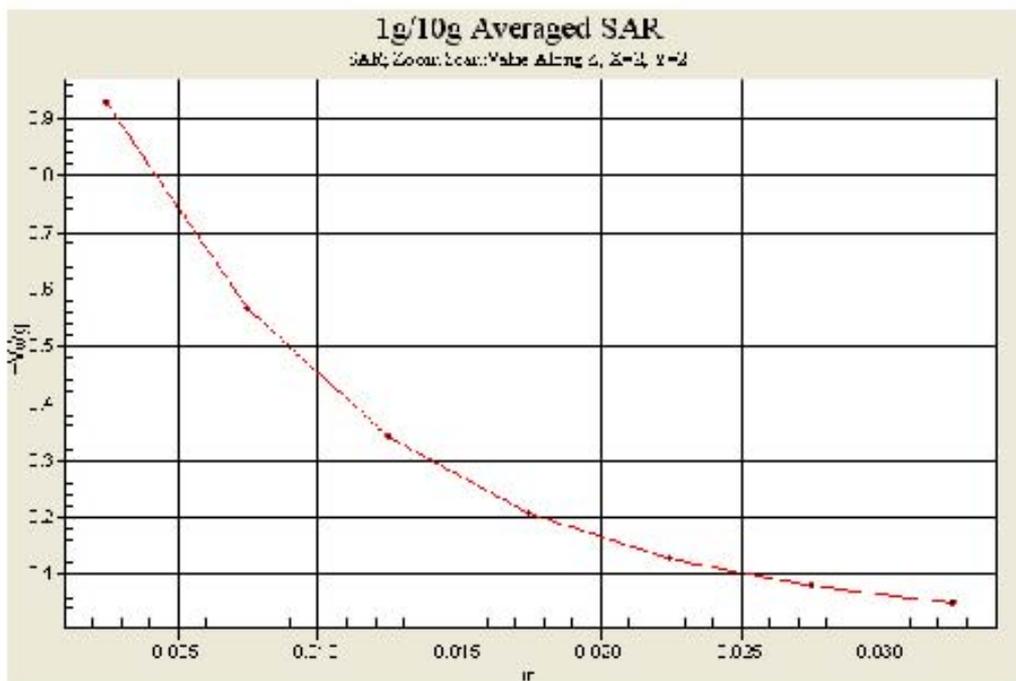Phantom section: Left Section

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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

Left Touch, WCDMA1900 Ch. 9538, 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 = -0.028 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.451 W/kg

1g/10g Averaged SAR

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DUT: LG–E612g; Type: Bar

Communication System: WCDMA 1900; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1907.6 MHz; σ = 1.52 mho/m; ε_r = 51.5; ρ = 1000 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: 2012-04-20; Ambient Temp: 21.9; Tissue Temp:22.1

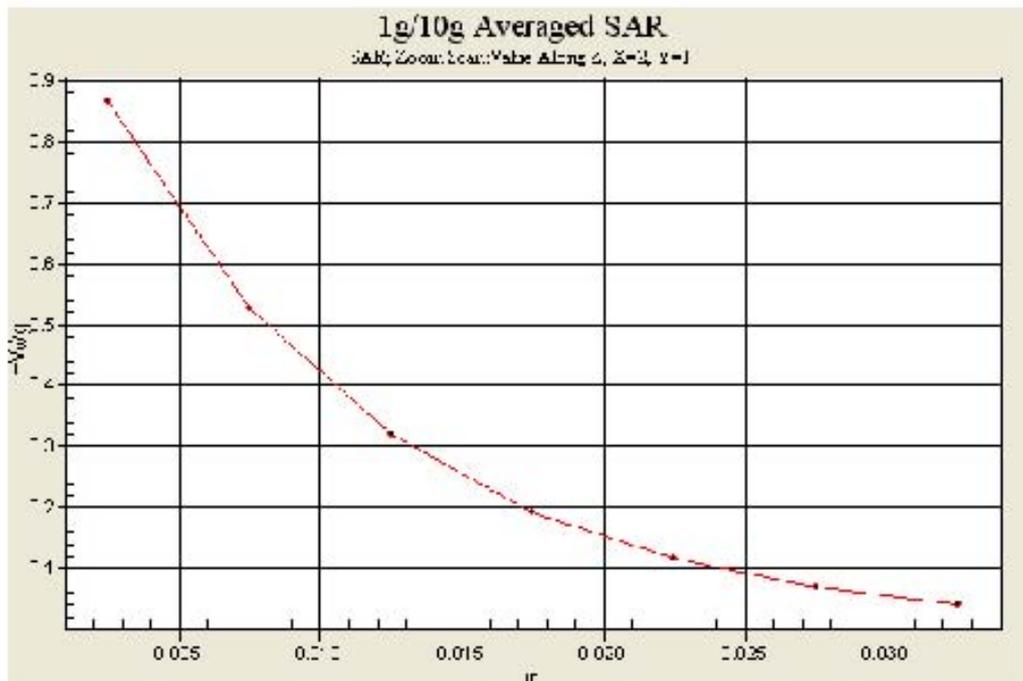## 1 cm space from Body, Rear, WCDMA1900 Ch. 9538, Ant Internal

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.025 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.386 W/kg

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DUT: LG–E612g; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.79 mho/m; $ε_r$ = 40.6; ρ = 1000 kg/m³
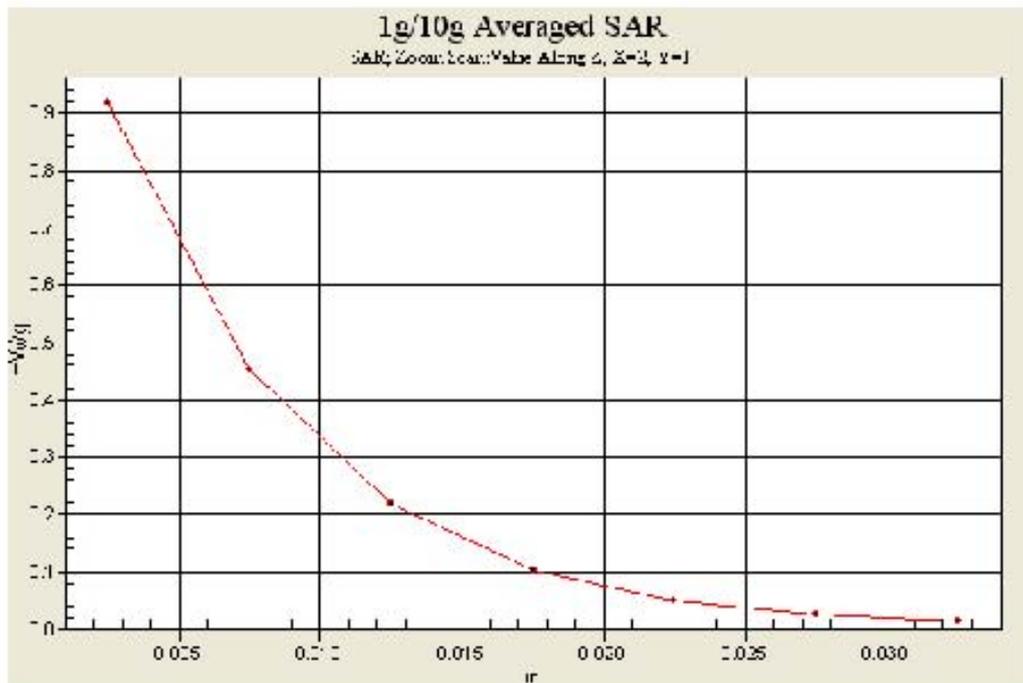Phantom section: Left Section

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: 2012-04-26; Ambient Temp: 22.2; Tissue Temp:22.6

Left Tilt, W-LAN(802.11b) Ch. 1, 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 = -0.019 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.335 W/kg

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DUT: LG–E612g; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 52.1; ρ = 1000 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: 2012-04-26; Ambient Temp: 22.2; Tissue Temp:22.6

1 cm space from Body, Rear, 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 = 0.105 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.196 W/kg