Attachment 2. – SAR Test Plots

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

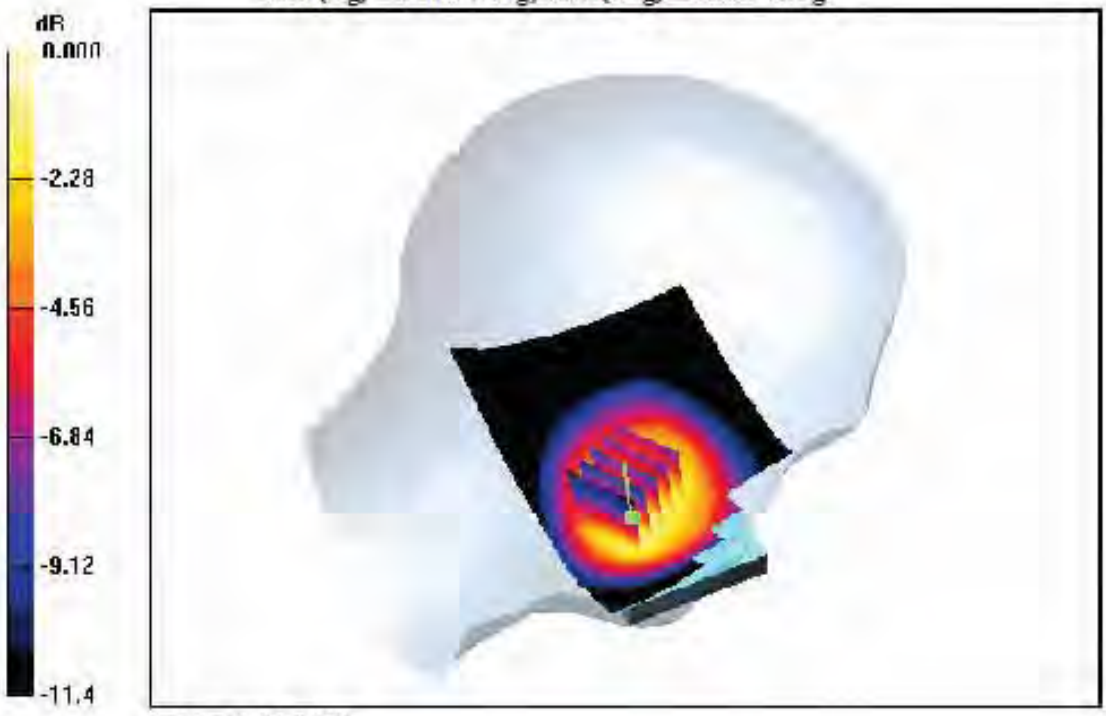
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 824.2 MHz; σ = 0.87 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

Left Touch, GSM850 Ch. 128, Ant Internal, Standard Battery

Area Scan (71x101x1): 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) = 0.595 W/kg
SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.293 W/kg



0 dB = 0.476mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

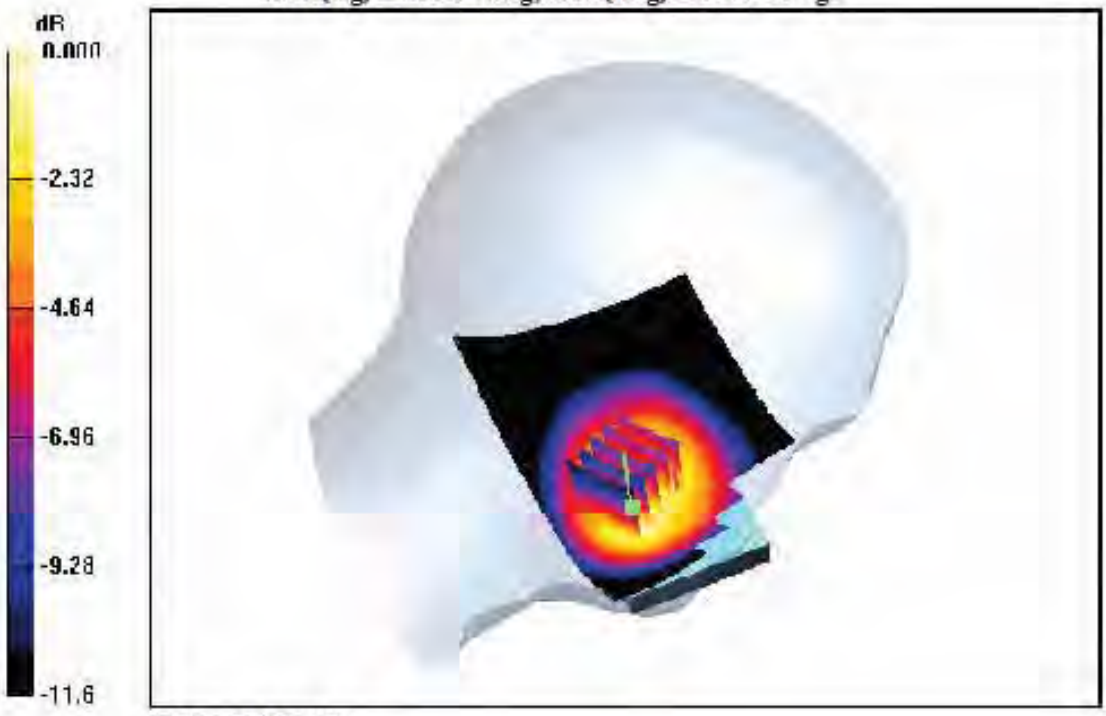
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.894 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

Left Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

Area Scan (71x101x1): 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) = 0.769 W/kg
SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.368 W/kg



0 dB = 0.608mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 848.8 MHz; σ = 0.913 mho/m; ε_r = 42.2; 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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

Left Touch, GSM850 Ch. 251, Ant Internal, Standard Battery

Area Scan (71x101x1): 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) = 0.922 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.439 W/kg

0 dB = 0.723mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

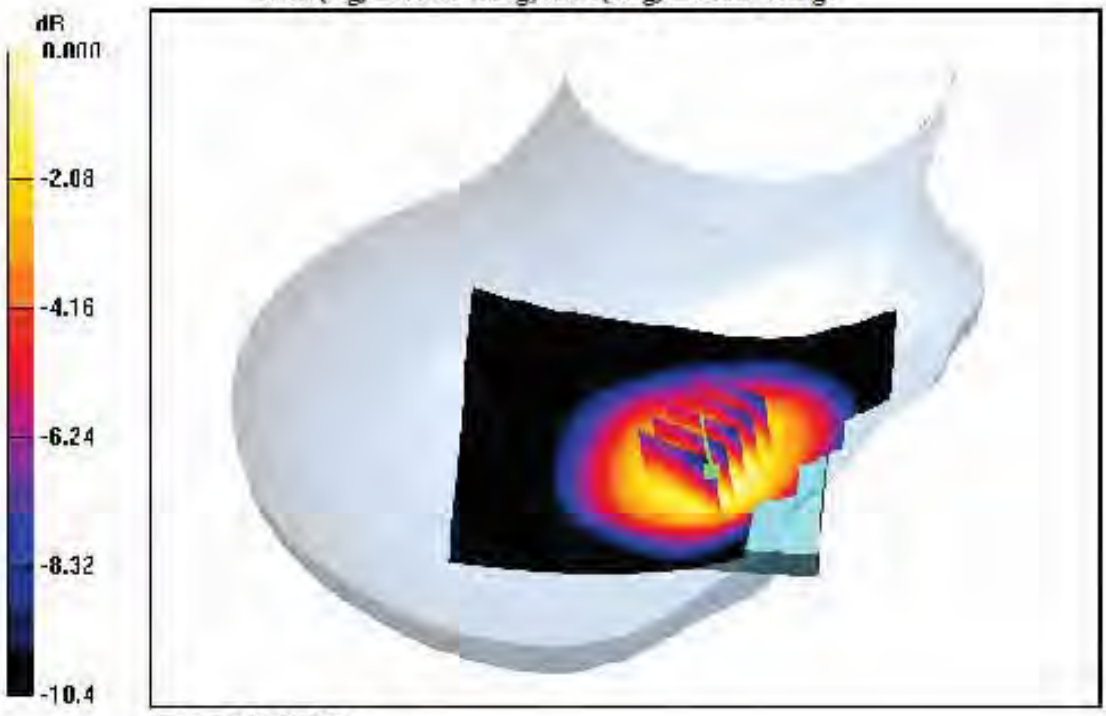
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.894 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

Right Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.158 dB
Peak SAR (extrapolated) = 0.640 W/kg
SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.389 W/kg



0 dB = 0.574mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.894 mho/m; ε_r = 42.2; 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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

Left Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.187 W/kg

0 dB = 0.278mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.894 mho/m; ε_r = 42.2; 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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

Right Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.072 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.193 W/kg

0 dB = 0.279mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

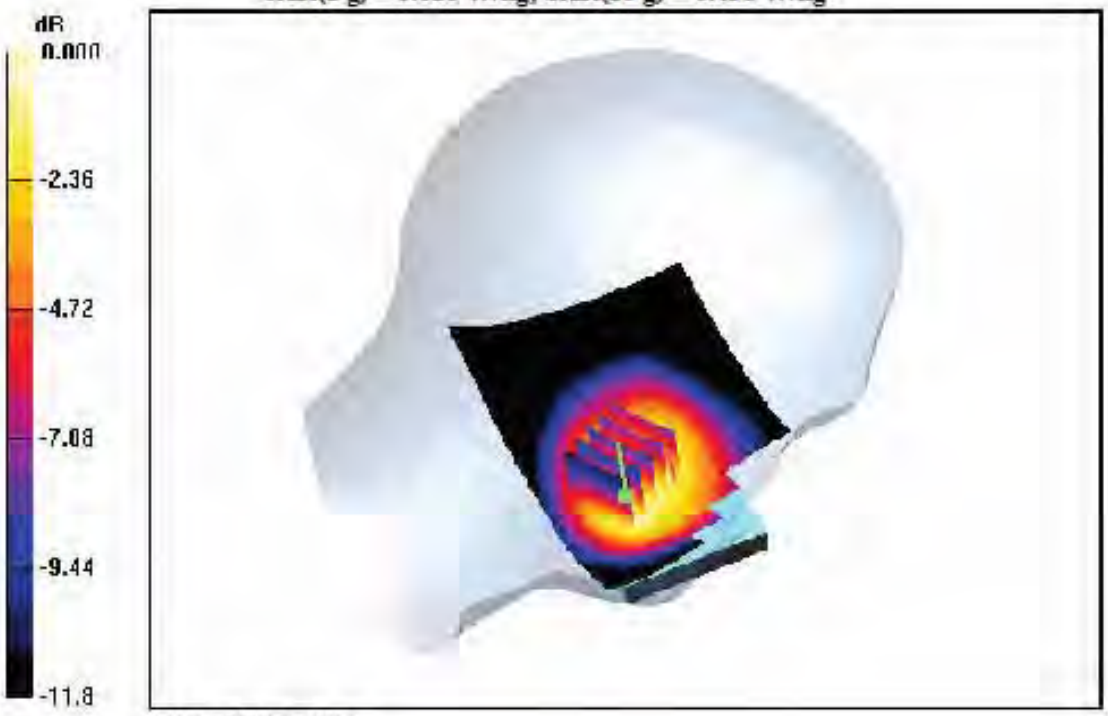
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 848.8 MHz; σ = 0.913 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

Left Touch, Sim2, GSM850 Ch. 251, Ant Internal, Standard Battery

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.438 W/kg



0 dB = 0.718mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.38 mho/m; ε_r = 40.4; ρ = 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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

Left Touch, PCS1900 Ch. 512, Ant Internal, Standard Battery

Area Scan (71x101x1): 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) = 1.18 W/kg
SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.369 W/kg

0 dB = 0.888mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 40.3; ρ = 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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.061 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.408 W/kg

0 dB = 0.978mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

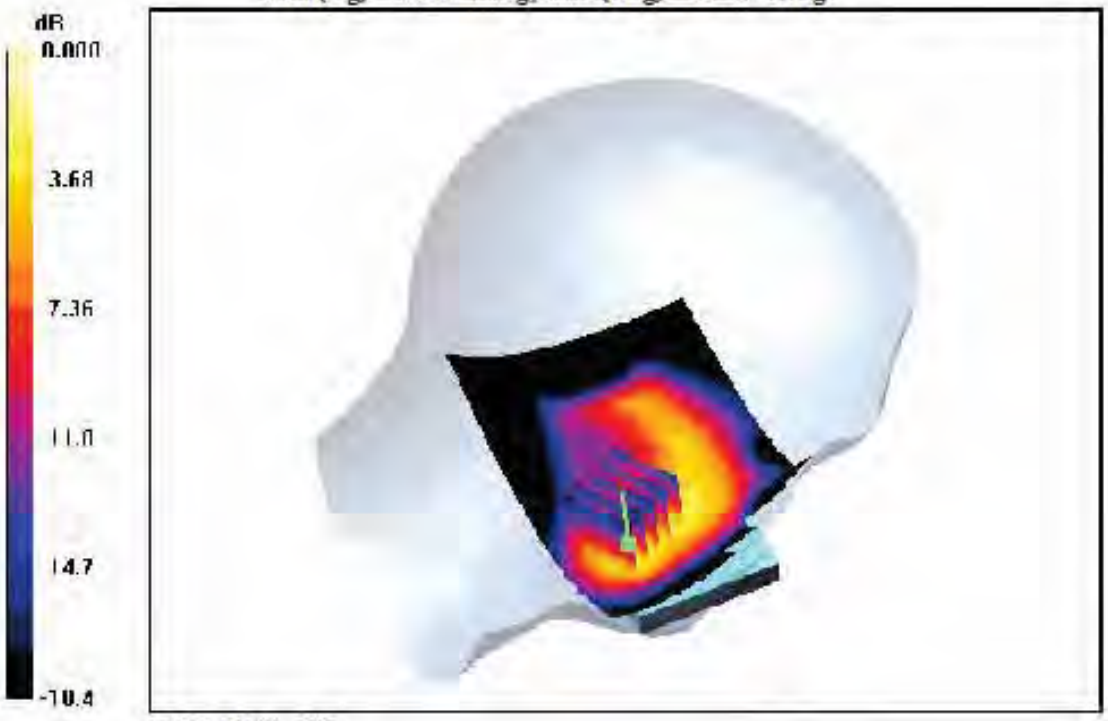
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.45 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

Left Touch, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.037 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.453 W/kg



0 dB = 1.09mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

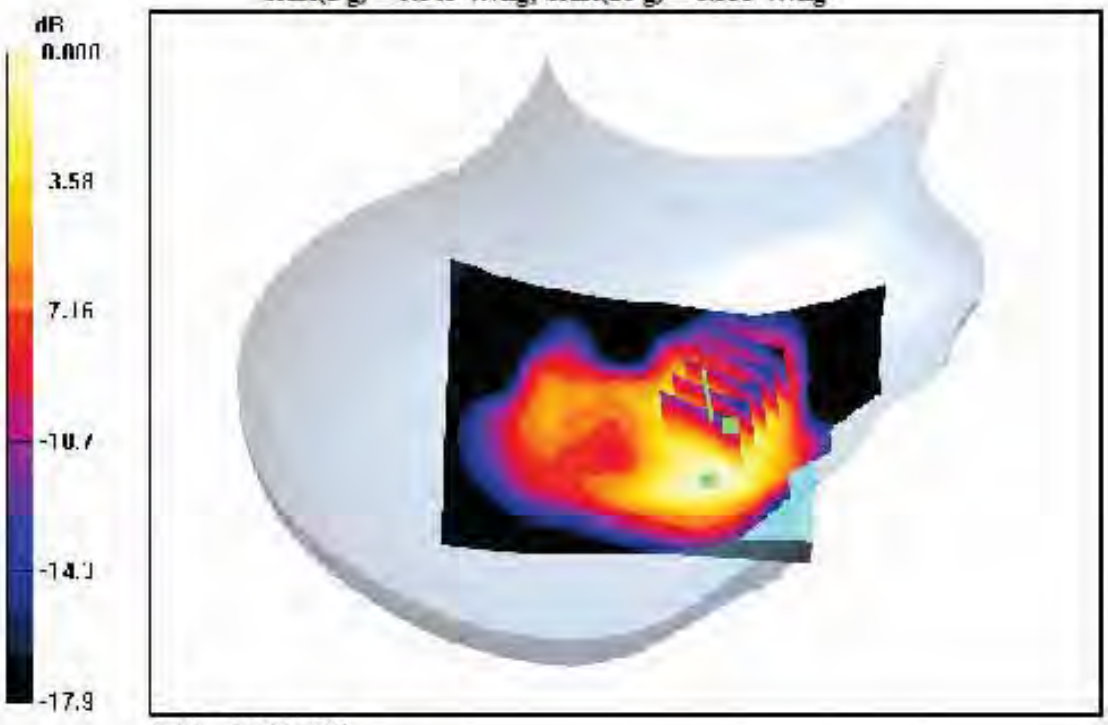
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.776 W/kg
SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.335 W/kg



0 dB = 0.644mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Right 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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.700 W/kg
SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.283 W/kg

0 dB = 0.562mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

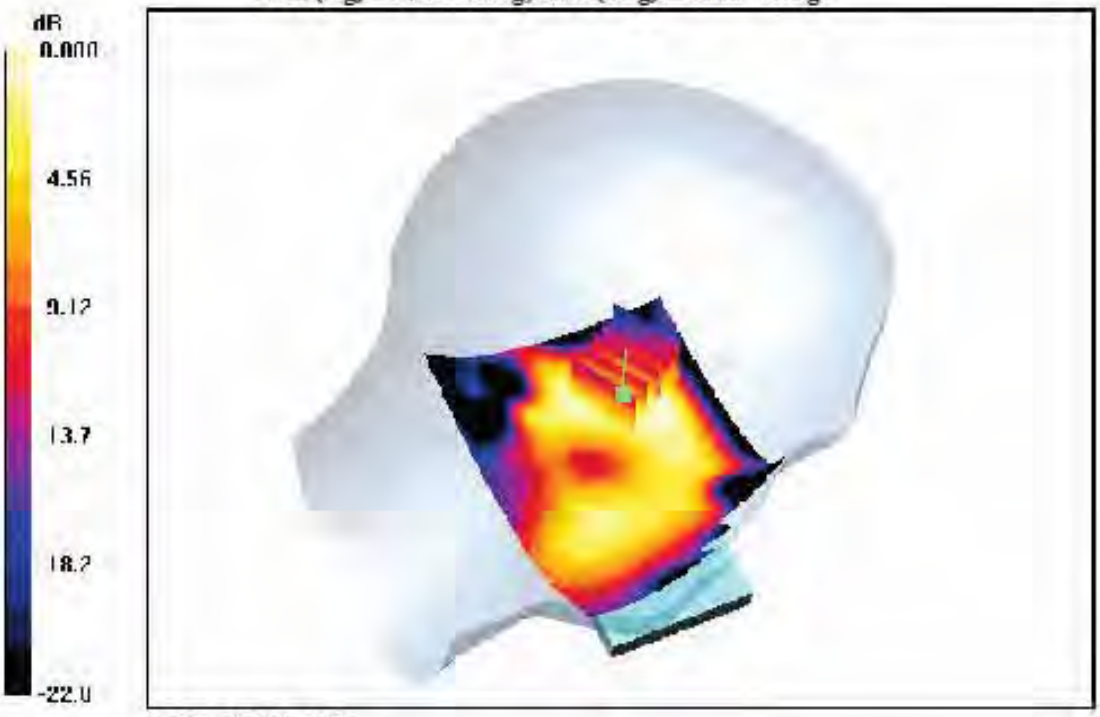
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

Left Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery

Area Scan (71x101x1): 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) = 0.380 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.137 W/kg



0 dB = 0.285mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

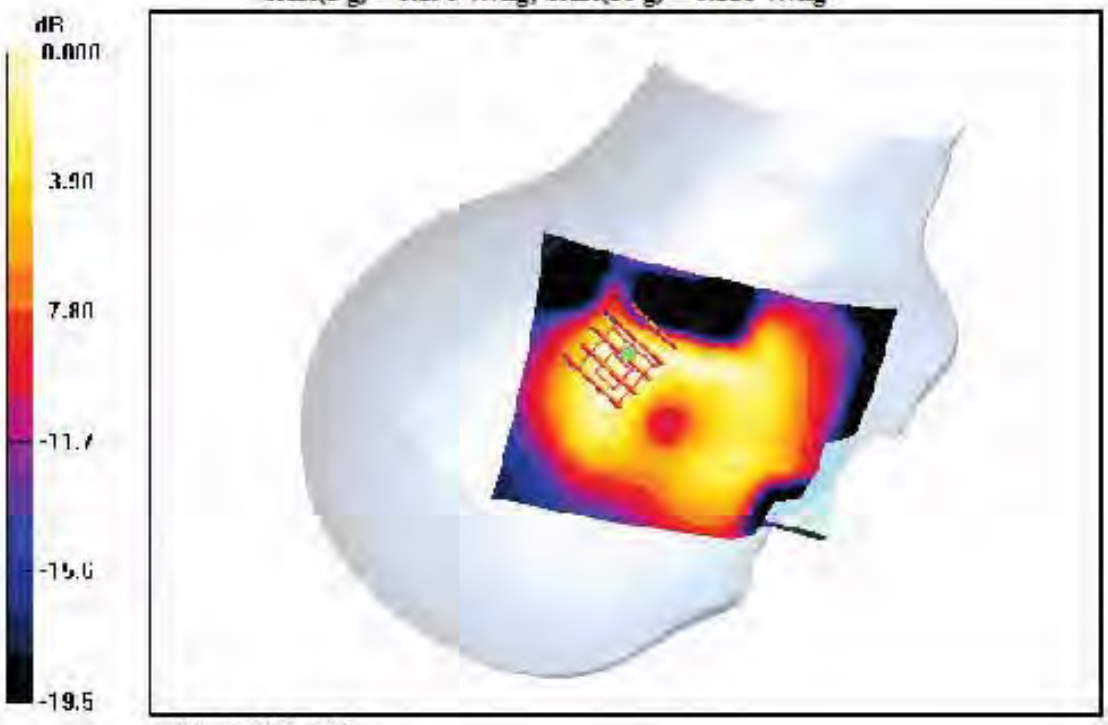
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

Right Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery

Area Scan (71x101x1): 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) = 0.315 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.116 W/kg



0 dB = 0.247mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

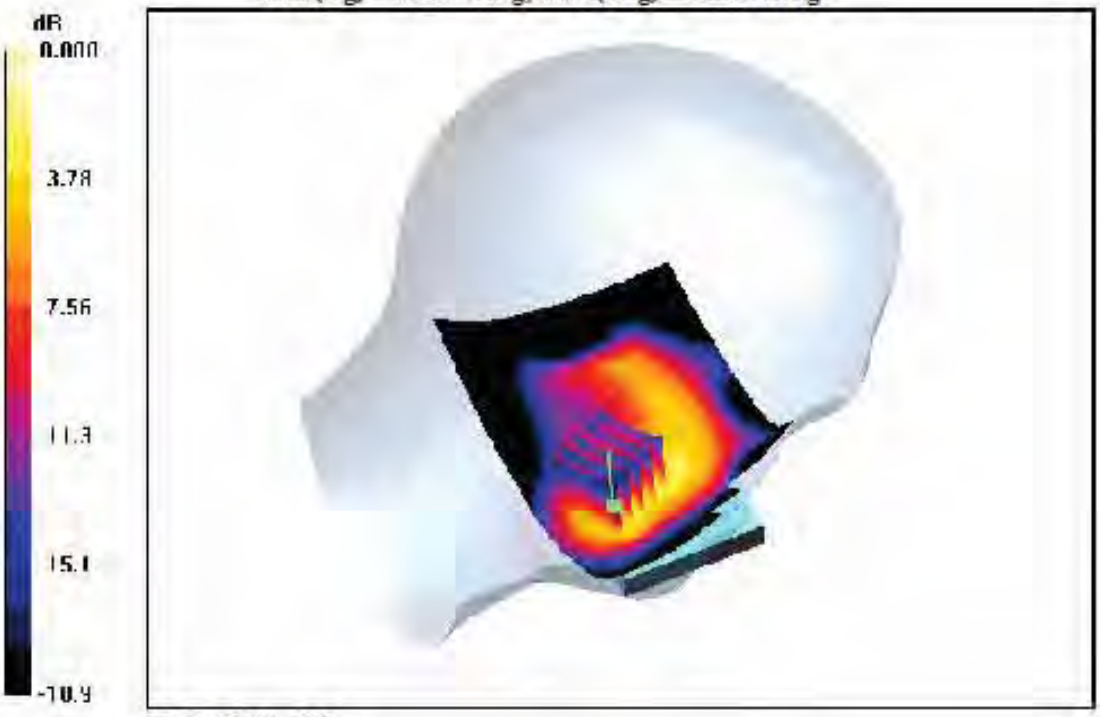
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.45 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

Left Touch, Sim2, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (71x101x1): 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) = 1.46 W/kg
SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.454 W/kg



0 dB = 1.09mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

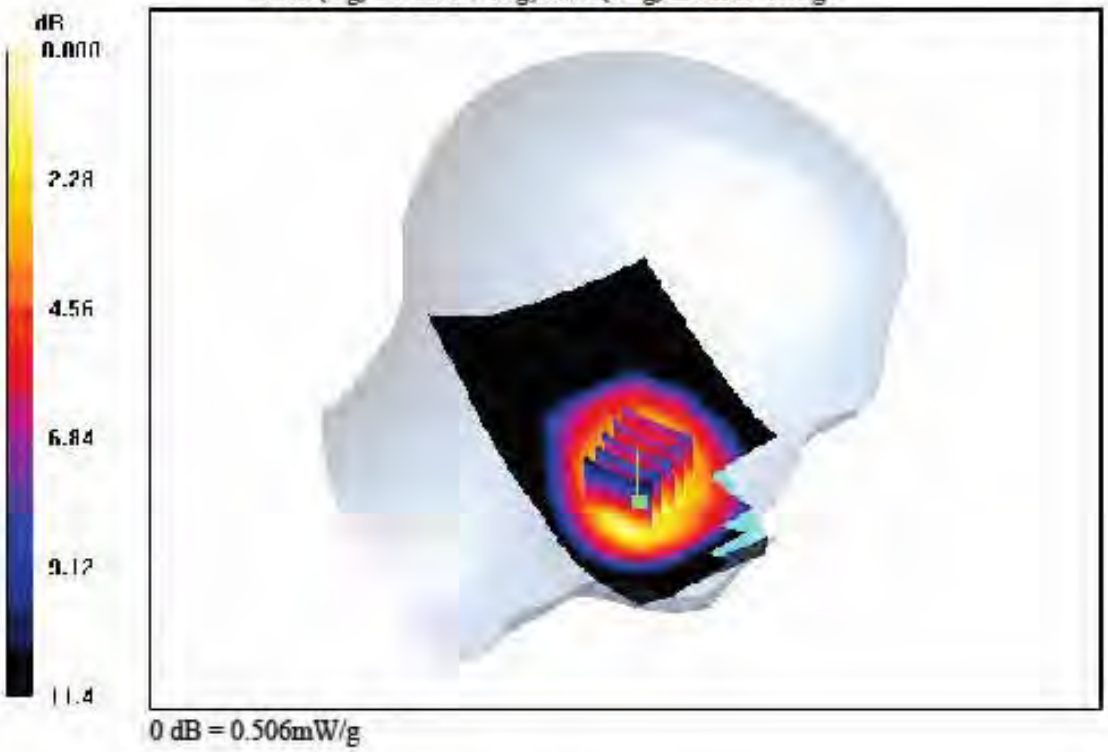
Communication System: WCDMA 850 ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.874 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

Left Touch, WCDMA850 Ch. 4132, Ant Internal, Standard Battery

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.625 W/kg
SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.307 W/kg



0 dB = 0.506mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.899 mho/m; ε_r = 42.2; 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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

Left Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.053 dB
Peak SAR (extrapolated) = 0.843 W/kg
SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.419 W/kg

0 dB = 0.681mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

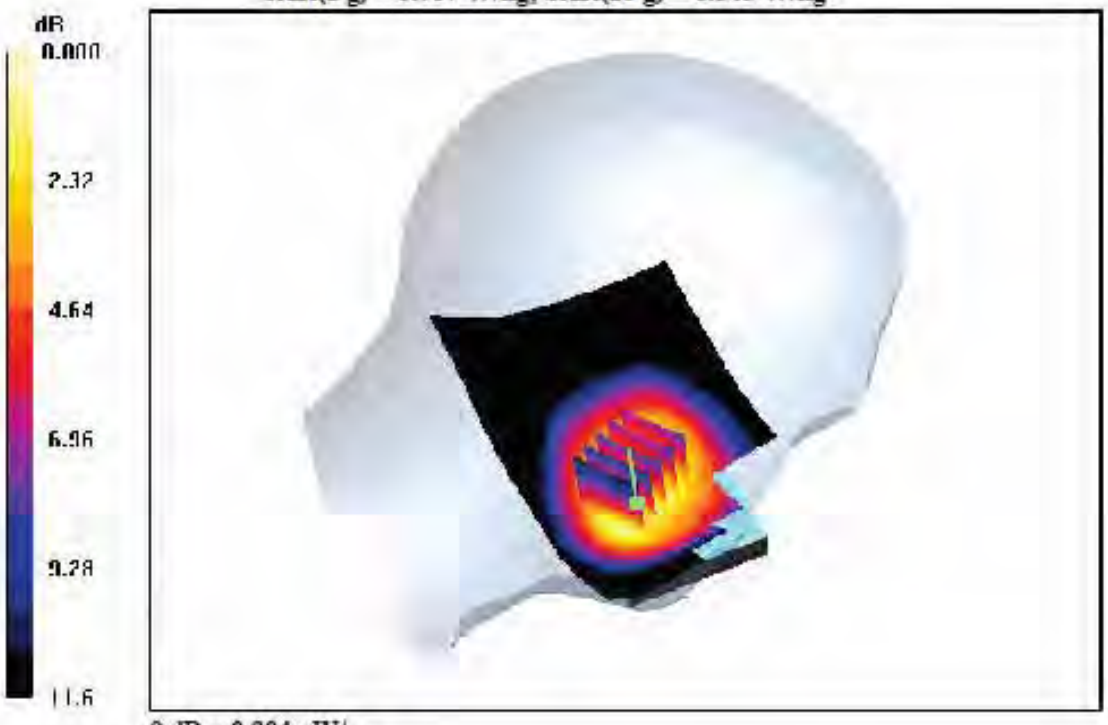
Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.912 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

Left Touch, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.025 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.545 W/kg



0 dB = 0.904mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.899 mho/m; ε_r = 42.2; 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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

Right Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.096 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.418 W/kg

0 dB = 0.623mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.899 mho/m; ε_r = 42.2; 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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

Left Tilt, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.174 dB
Peak SAR (extrapolated) = 0.381 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.230 W/kg

0 dB = 0.343mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

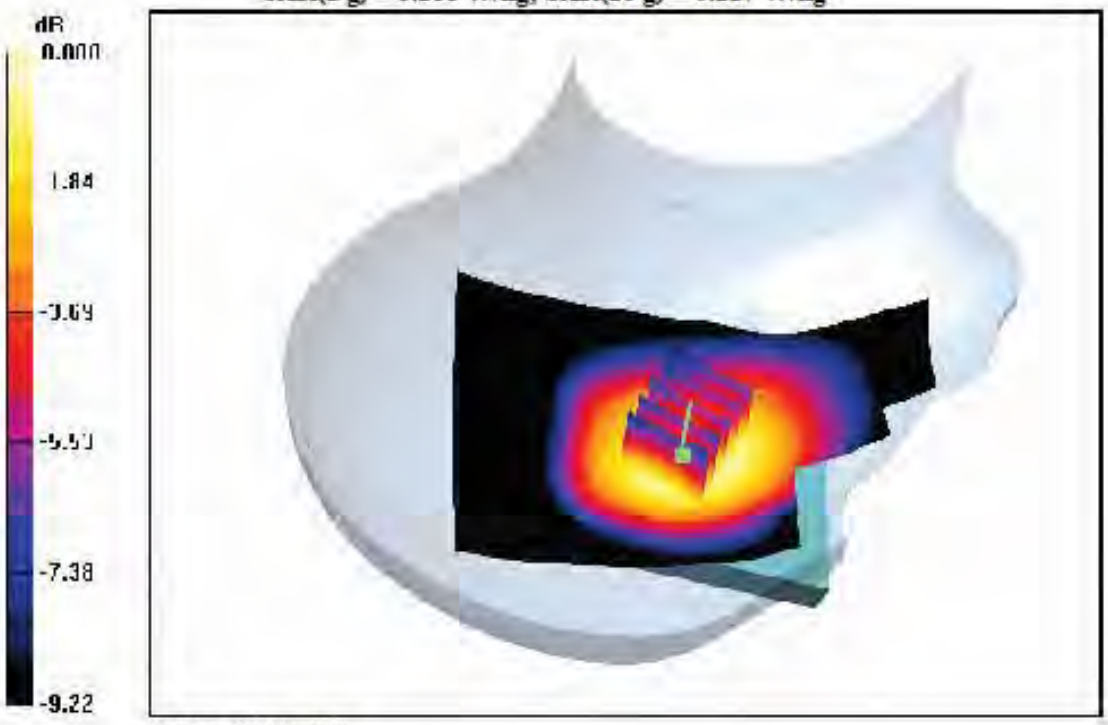
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.899 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

Right Tilt, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.046 dB
Peak SAR (extrapolated) = 0.359 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.217 W/kg



0 dB = 0.320mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.912 mho/m; ε_r = 42.3; 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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

Left Touch, Sim2, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.122 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.513 W/kg

0 dB = 0.843mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

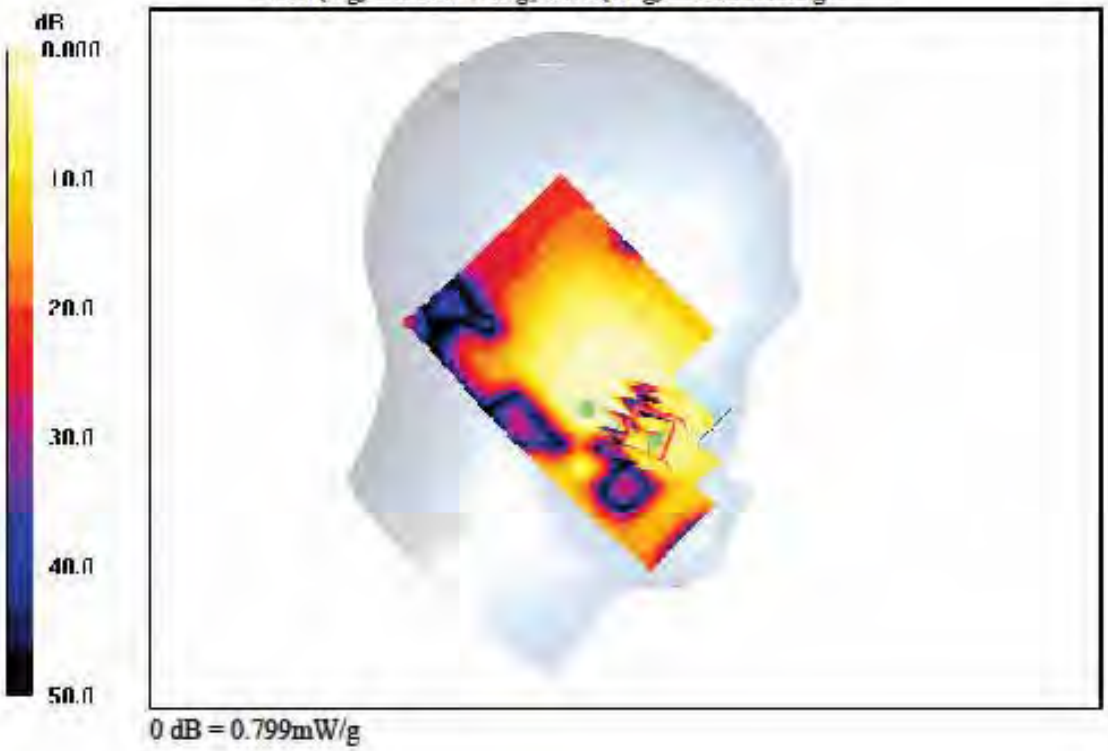
Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.912 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

Left Touch, Sim2, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.122 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.221 W/kg



0 dB = 0.799mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

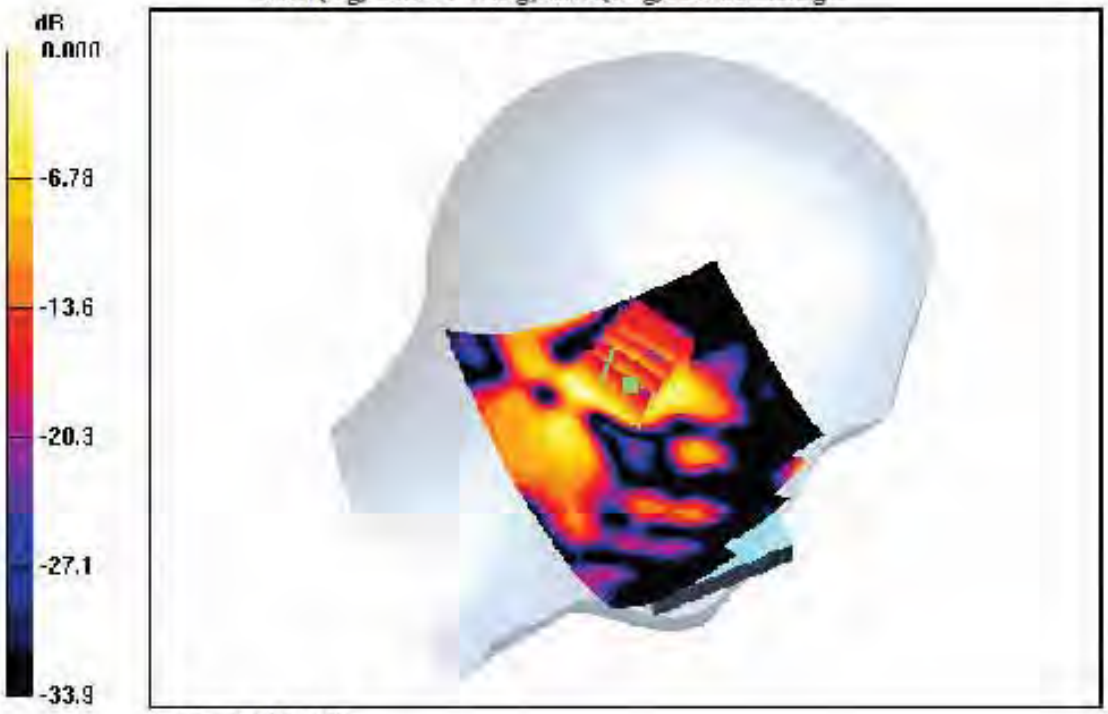
Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.78 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

Left Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.153 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.050 W/kg



0 dB = 0.132mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

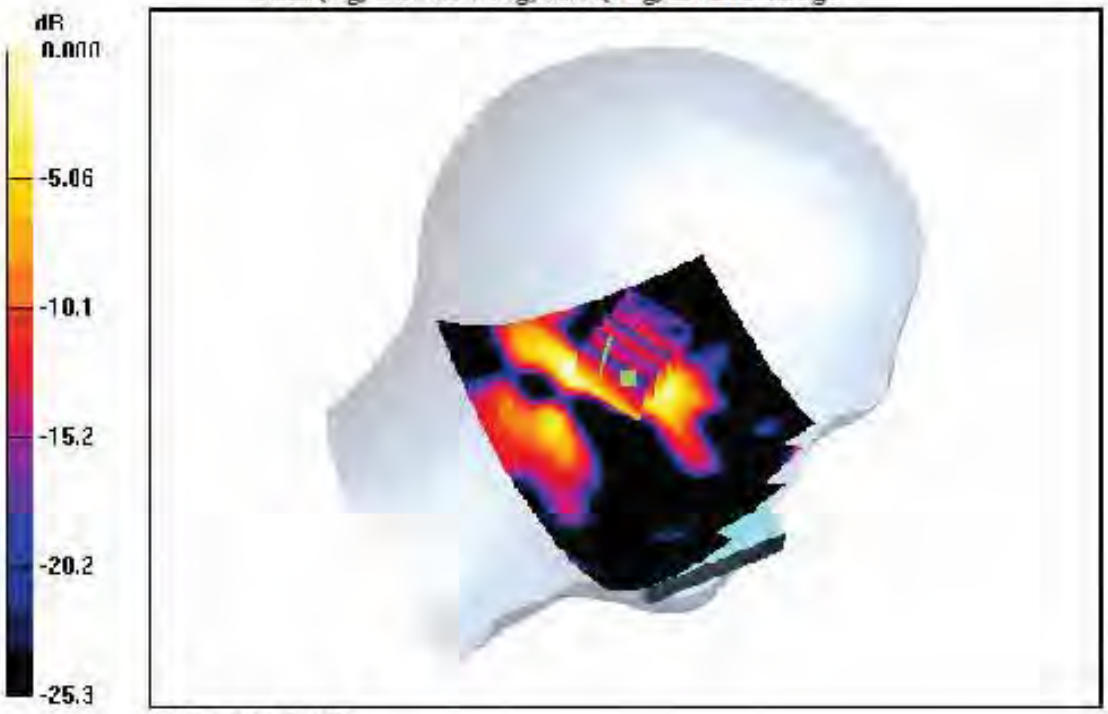
Communication System: W-LAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.81 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

Left Touch, W-LAN(802.11b) Ch. 6, Ant Internal, Standard Battery

Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.173 dB
Peak SAR (extrapolated) = 0.182 W/kg
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.046 W/kg



0 dB = 0.123mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

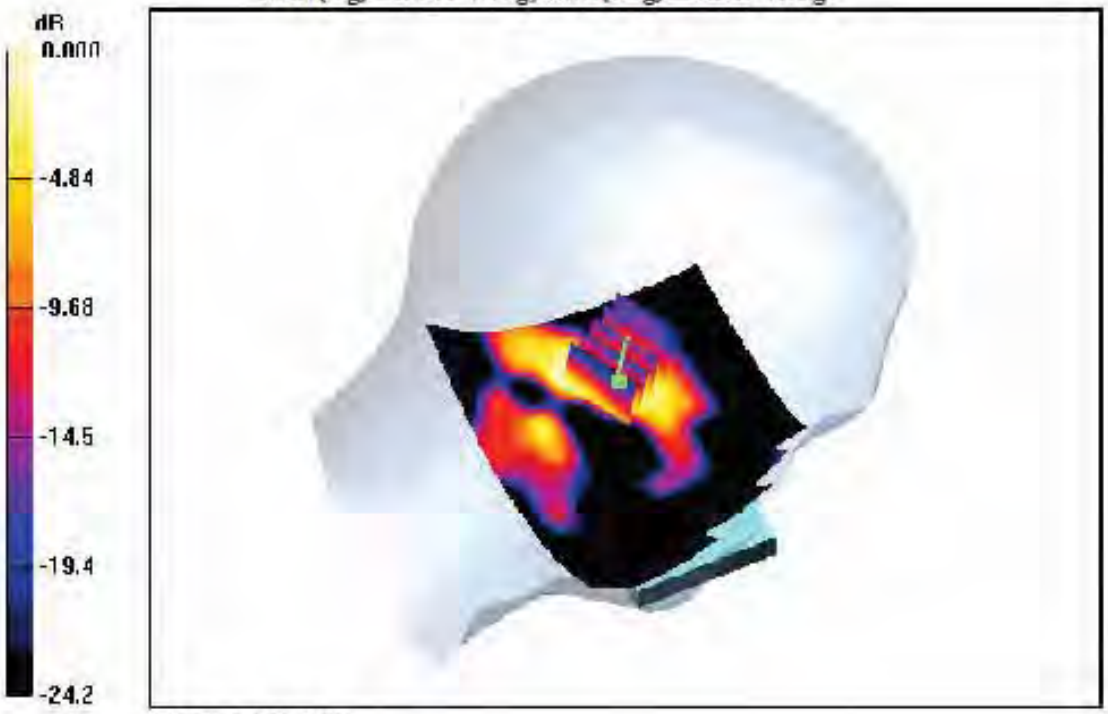
Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.83 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

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

Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.045 dB
Peak SAR (extrapolated) = 0.155 W/kg
SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.039 W/kg



0 dB = 0.106mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

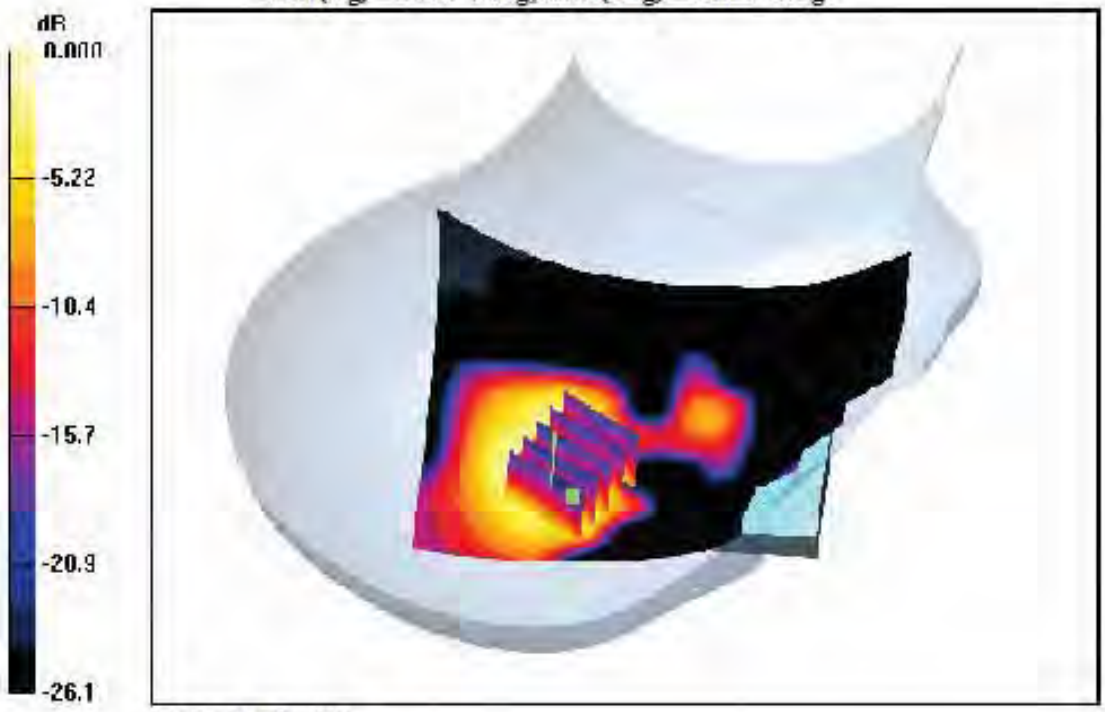
Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.78 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

Right Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.187 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.045 W/kg



0 dB = 0.147mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.78 mho/m; ε_r = 40.5; ρ = 1000 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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

Left Tilt, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.045 W/kg

0 dB = 0.118mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

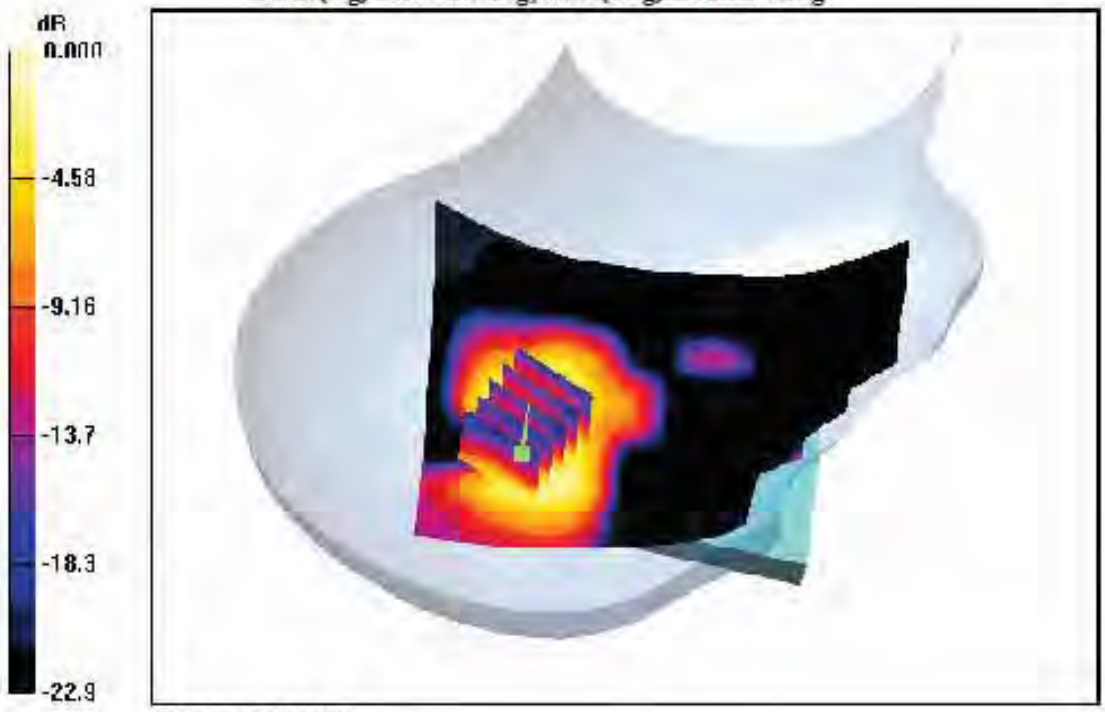
Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.78 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

Right Tilt, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.184 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.042 W/kg



0 dB = 0.116mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

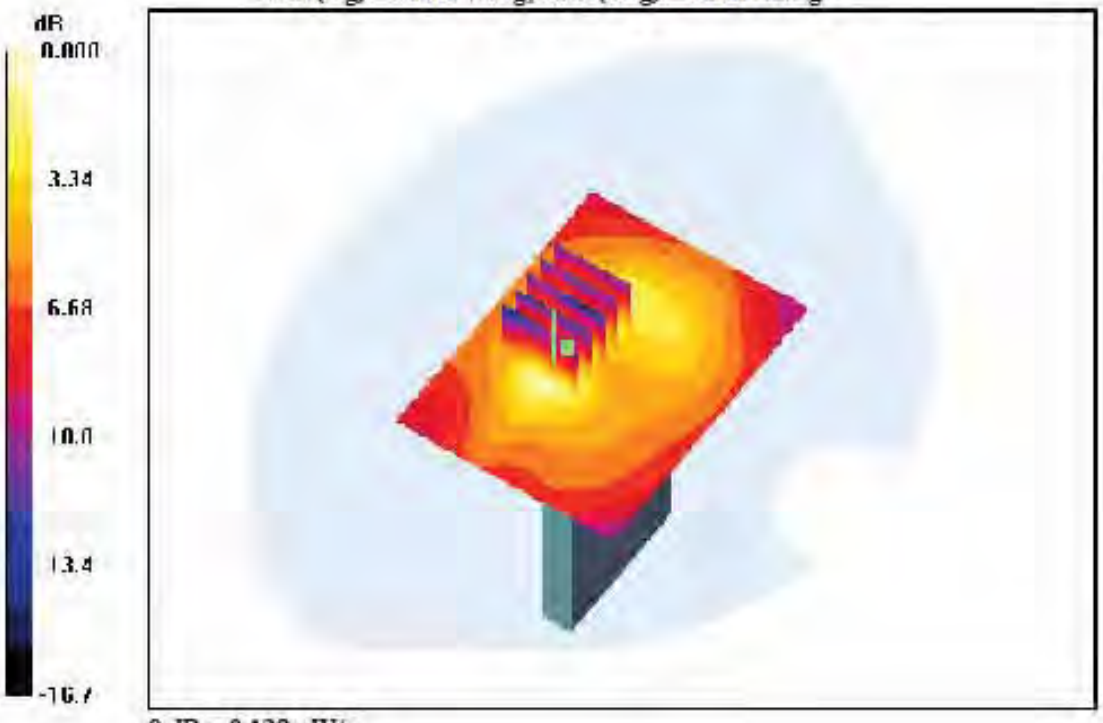
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.951$ mho/m; $\varepsilon_r = 53.9$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Bottom, GSM850 GPRS Class 11, Ch. 190, Ant Internal

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.061 W/kg



0 dB = 0.128mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

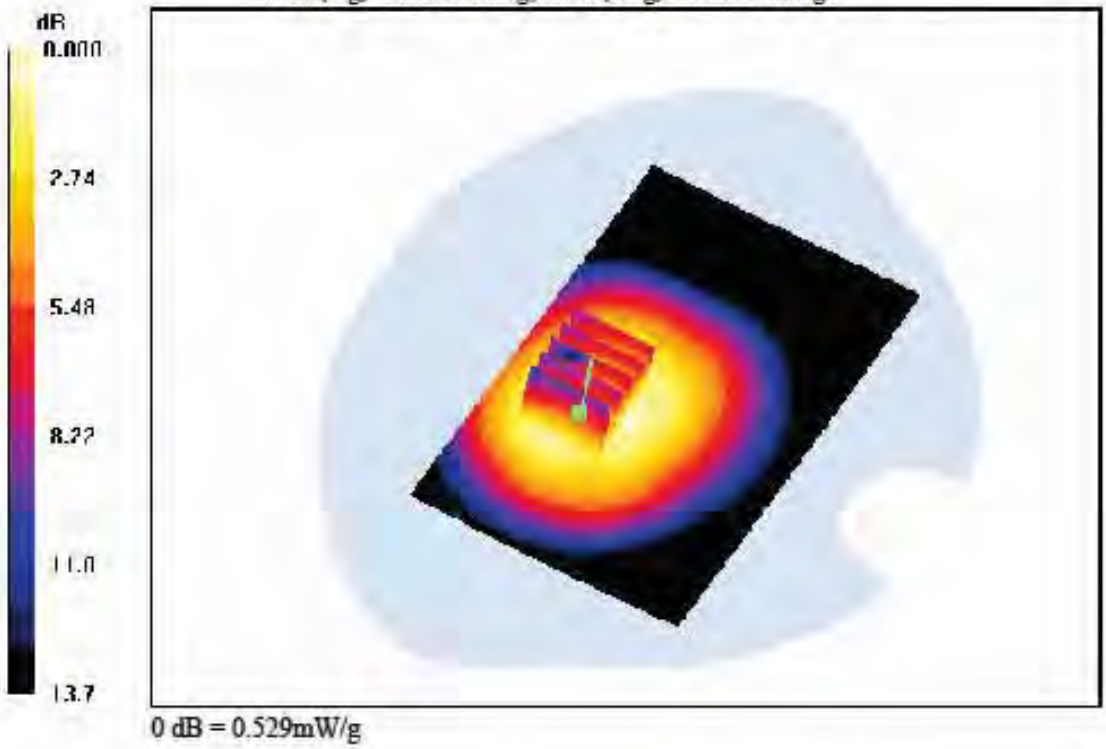
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.951 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Front, GSM850 GPRS Class 11, Ch. 190, 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 = -0.087 dB
Peak SAR (extrapolated) = 0.615 W/kg
SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.344 W/kg



0 dB = 0.529mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

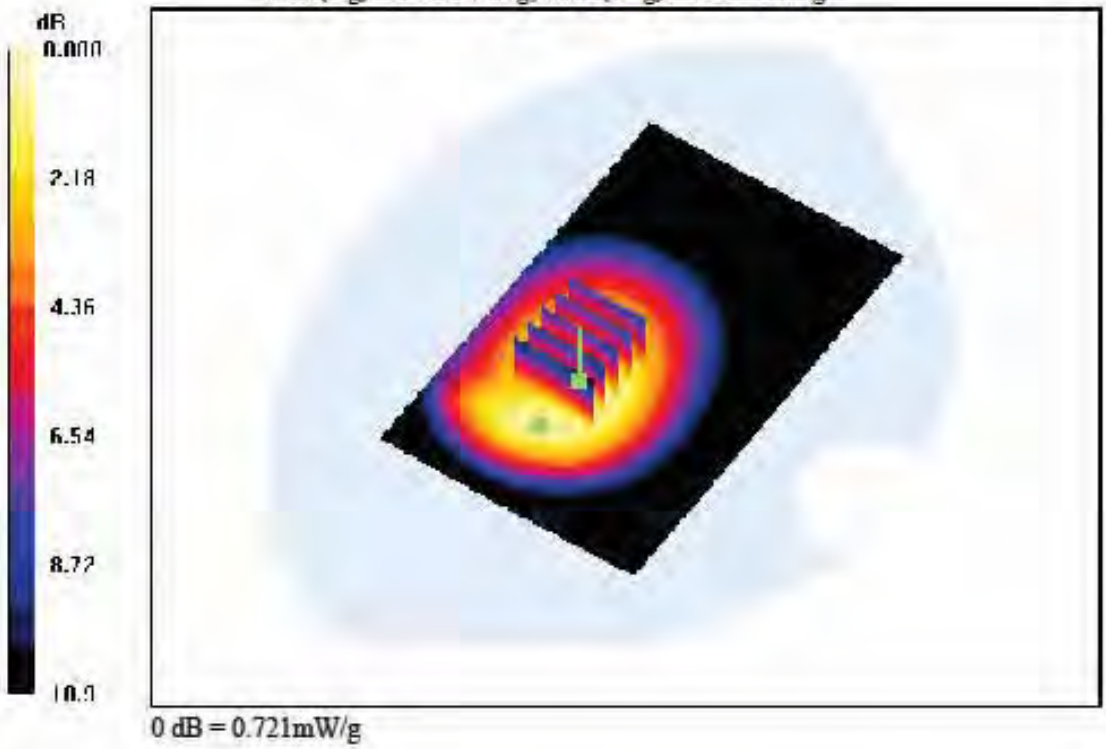
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.951$ mho/m; $\varepsilon_r = 53.9$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850, Ch. 190, 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 = 0.118 dB
Peak SAR (extrapolated) = 0.855 W/kg
SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.432 W/kg



0 dB = 0.721mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

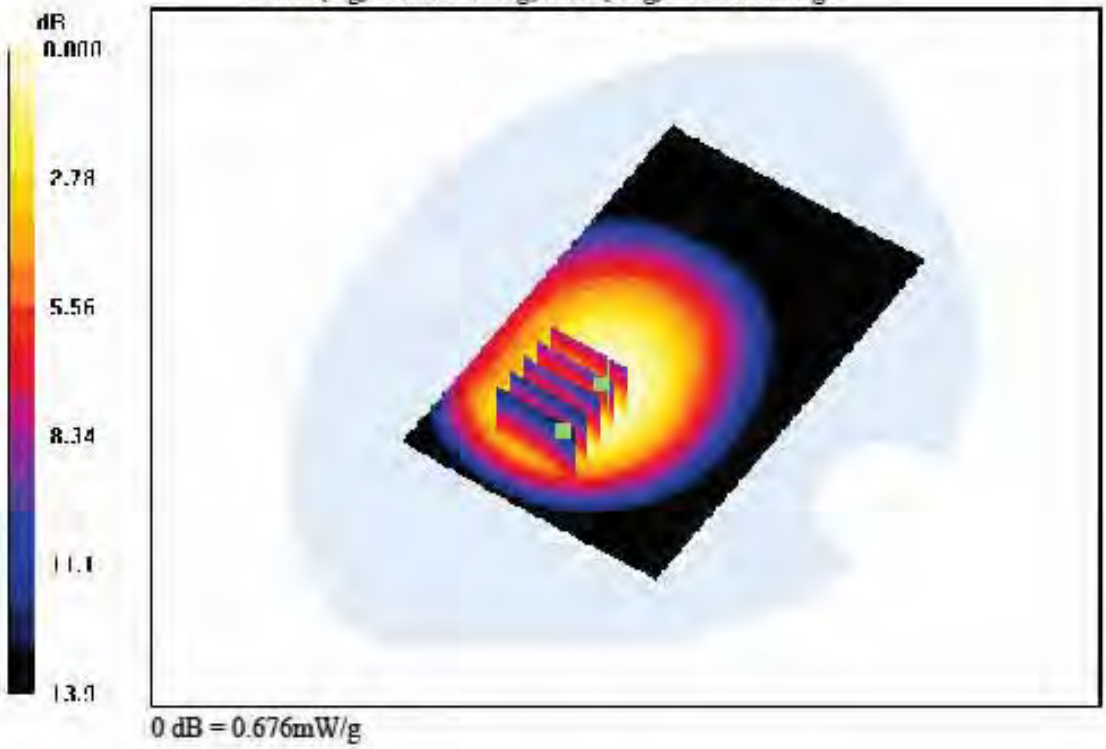
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.951 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

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

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.118 dB
Peak SAR (extrapolated) = 0.822 W/kg
SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.343 W/kg



0 dB = 0.676mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

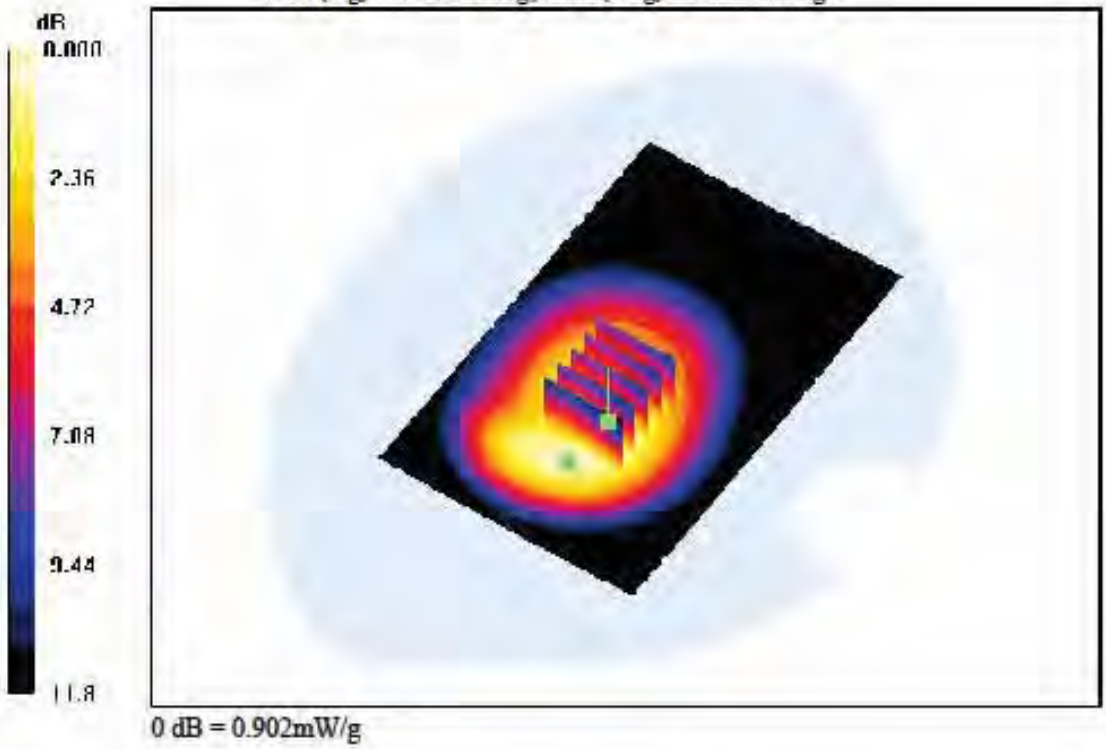
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.951 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 8, Ch. 190, 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 = -0.030 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.540 W/kg



0 dB = 0.902mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

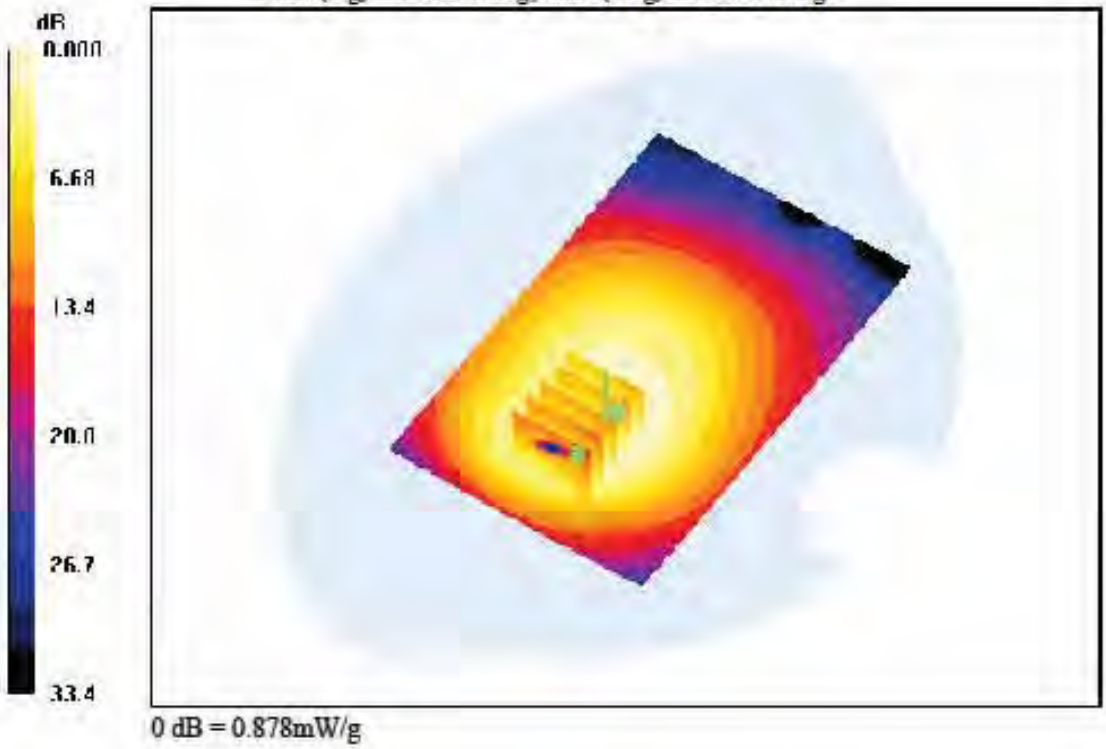
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.951 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 8, Ch. 190, Ant Internal

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.030 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.673 W/kg; SAR(10 g) = 0.434 W/kg



0 dB = 0.878mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

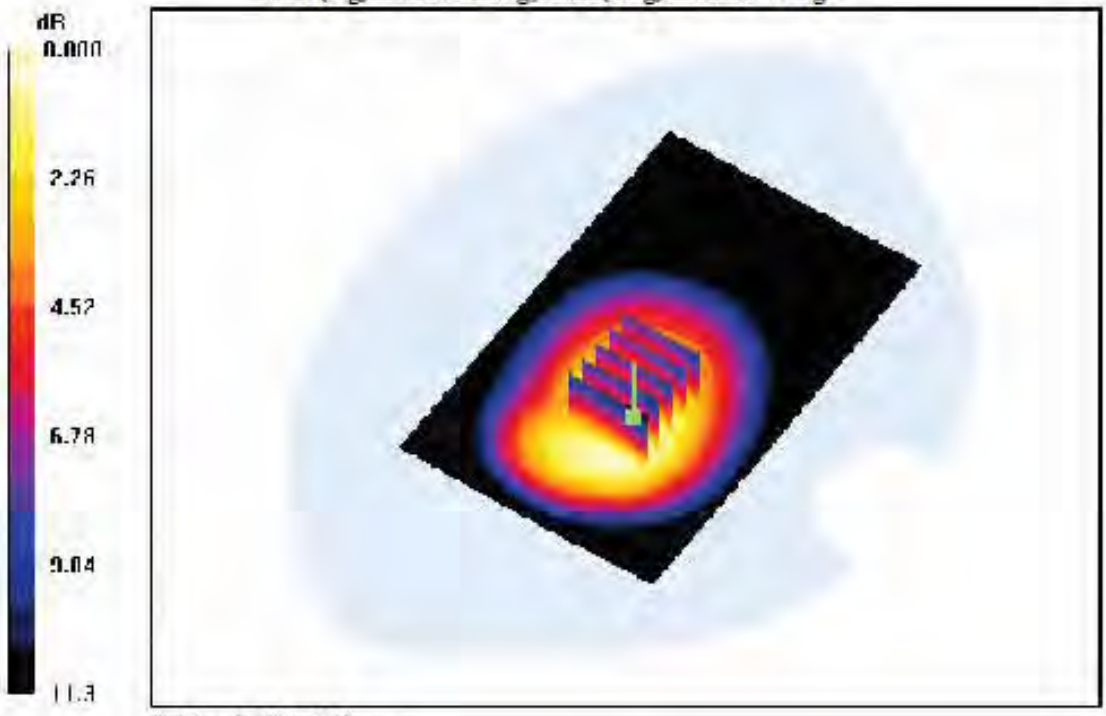
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 824.2 MHz; σ = 0.948 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 10, Ch. 128, 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 = 0.006 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.543 W/kg



0 dB = 0.933mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

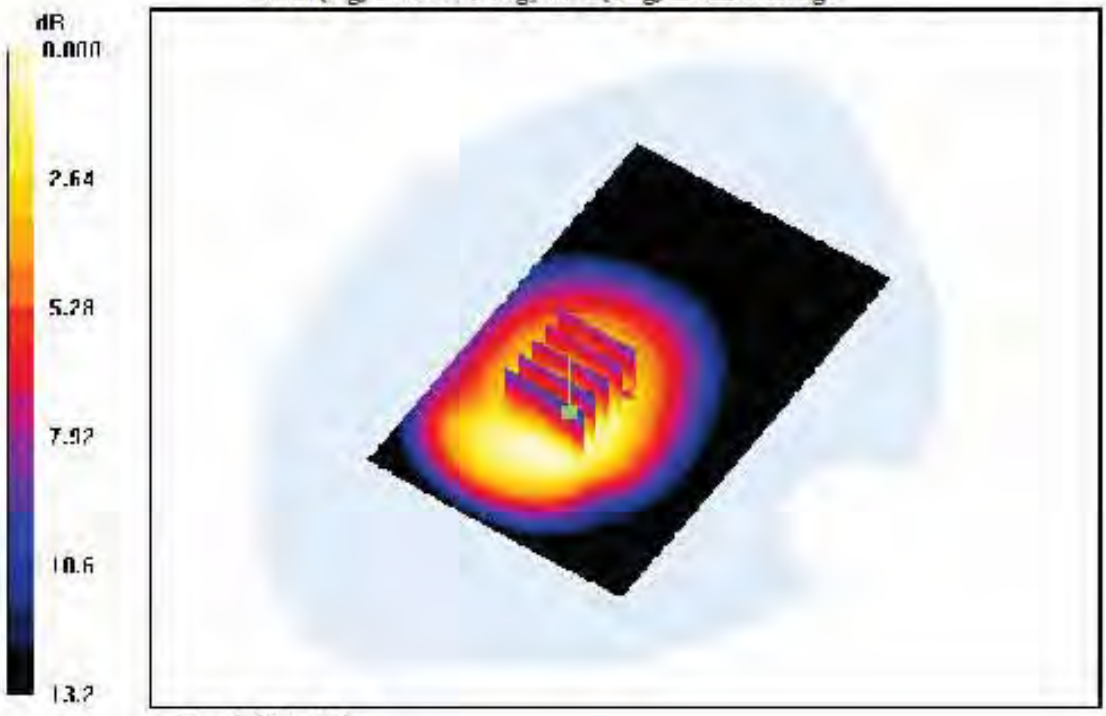
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.951 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 10, Ch. 190, 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 = -0.008 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.585 W/kg



0 dB = 0.972mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

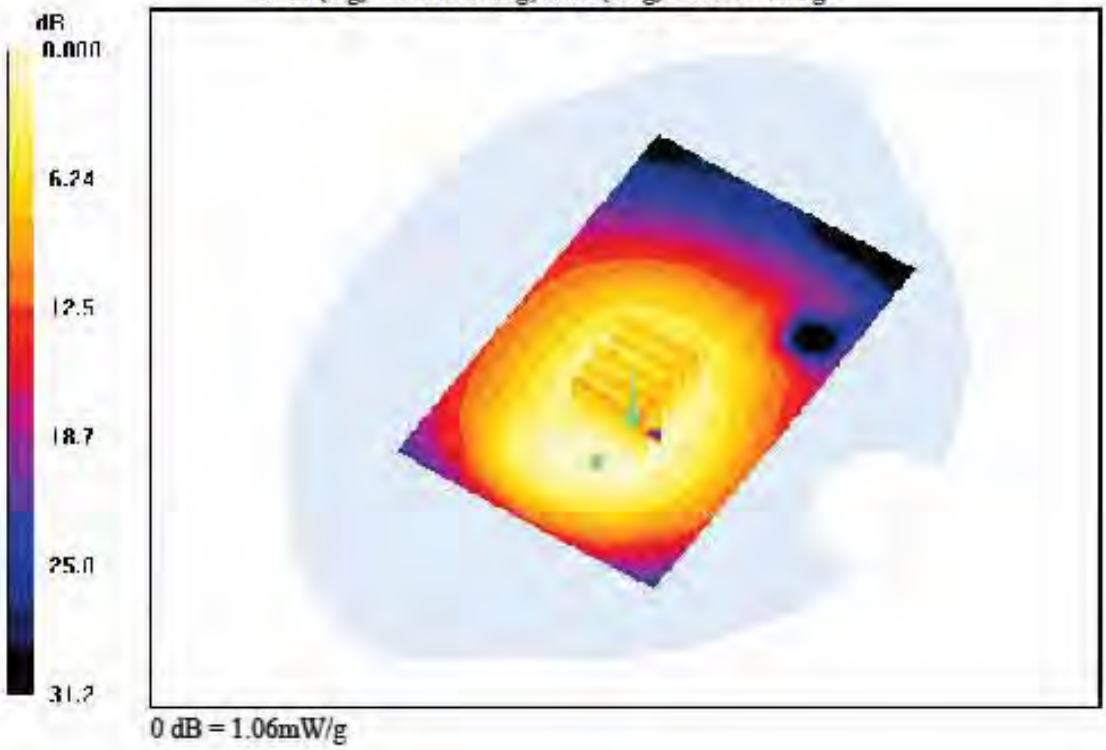
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.975$ mho/m; $\varepsilon_r = 53.6$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 10, Ch. 251, 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 = 0.112 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.639 W/kg



0 dB = 1.06mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

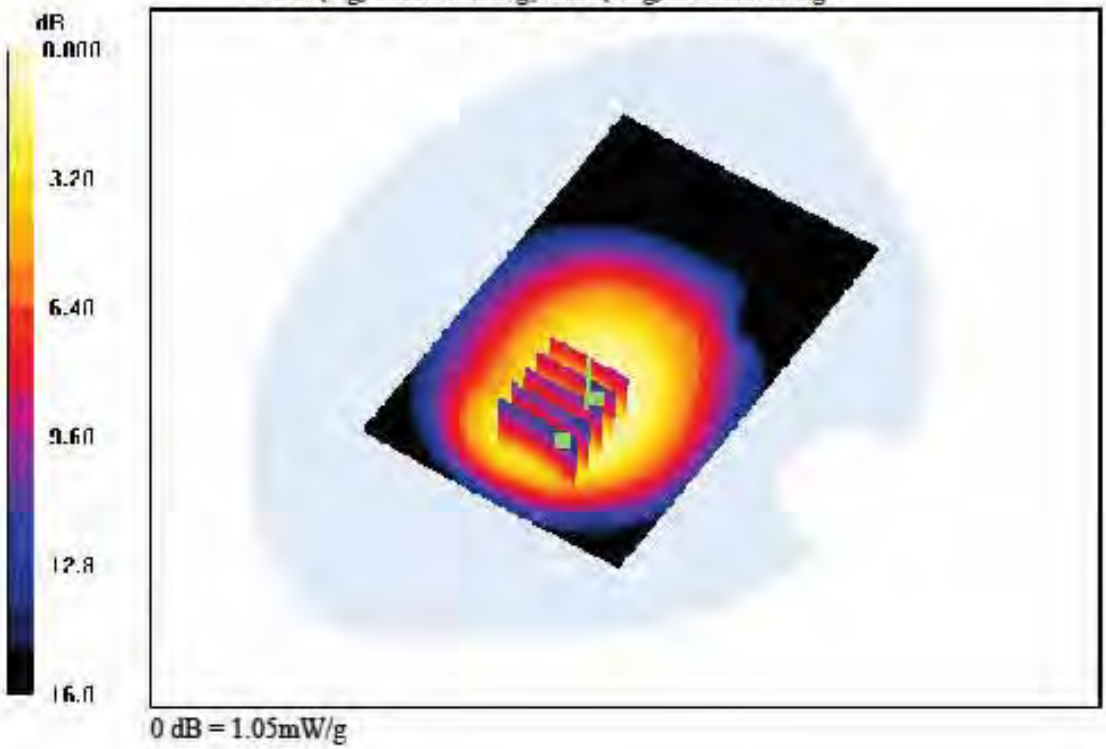
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 848.8 MHz; σ = 0.975 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 10, Ch. 251, Ant Internal

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.112 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.511 W/kg



0 dB = 1.05mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

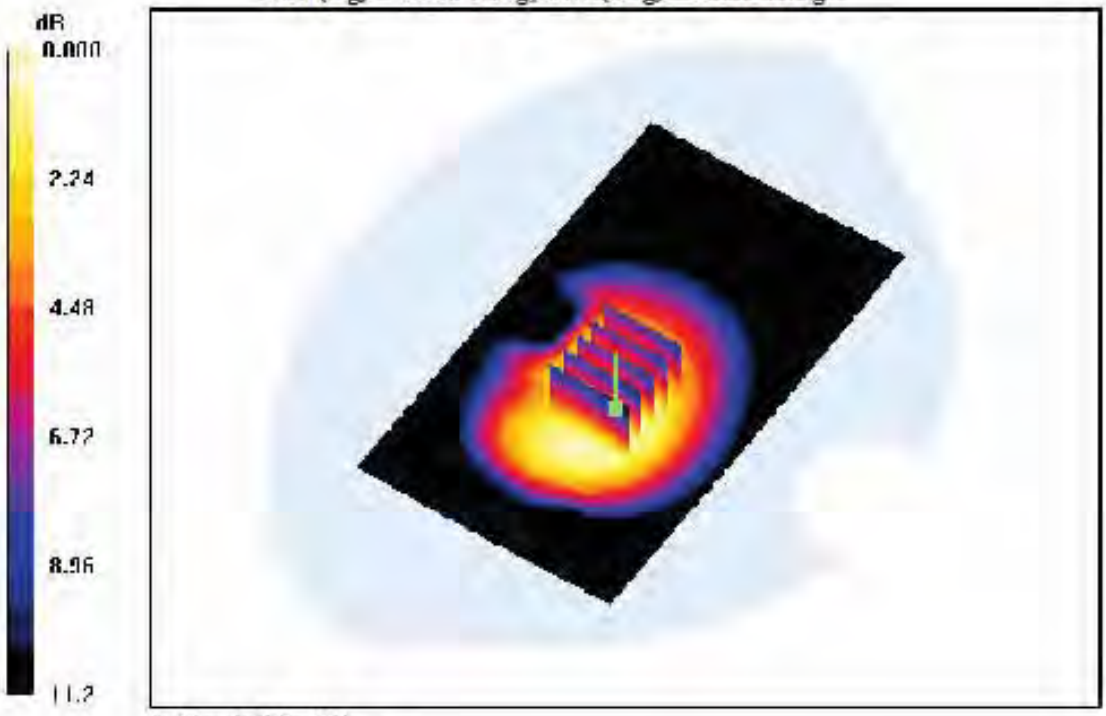
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 824.2 MHz; σ = 0.948 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 11, Ch. 128, 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 = -0.100 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.576 W/kg



0 dB = 0.977mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

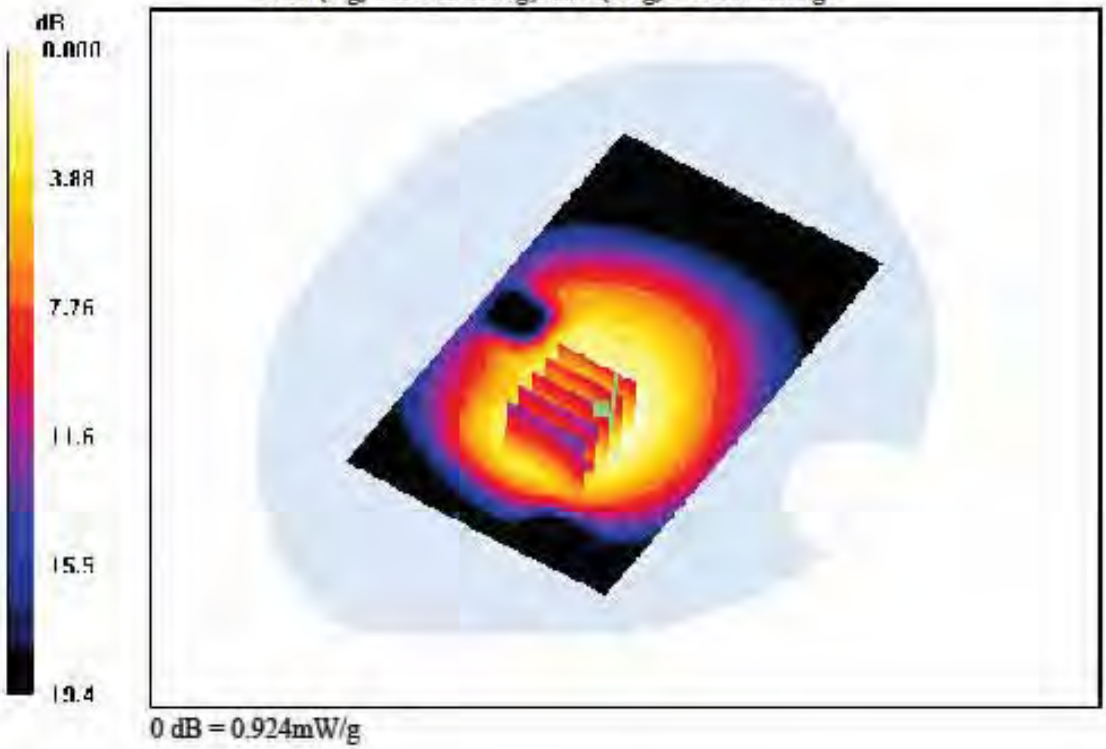
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 824.2 MHz; σ = 0.944 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 11, Ch. 128, 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 = -0.100 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.470 W/kg



0 dB = 0.924mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

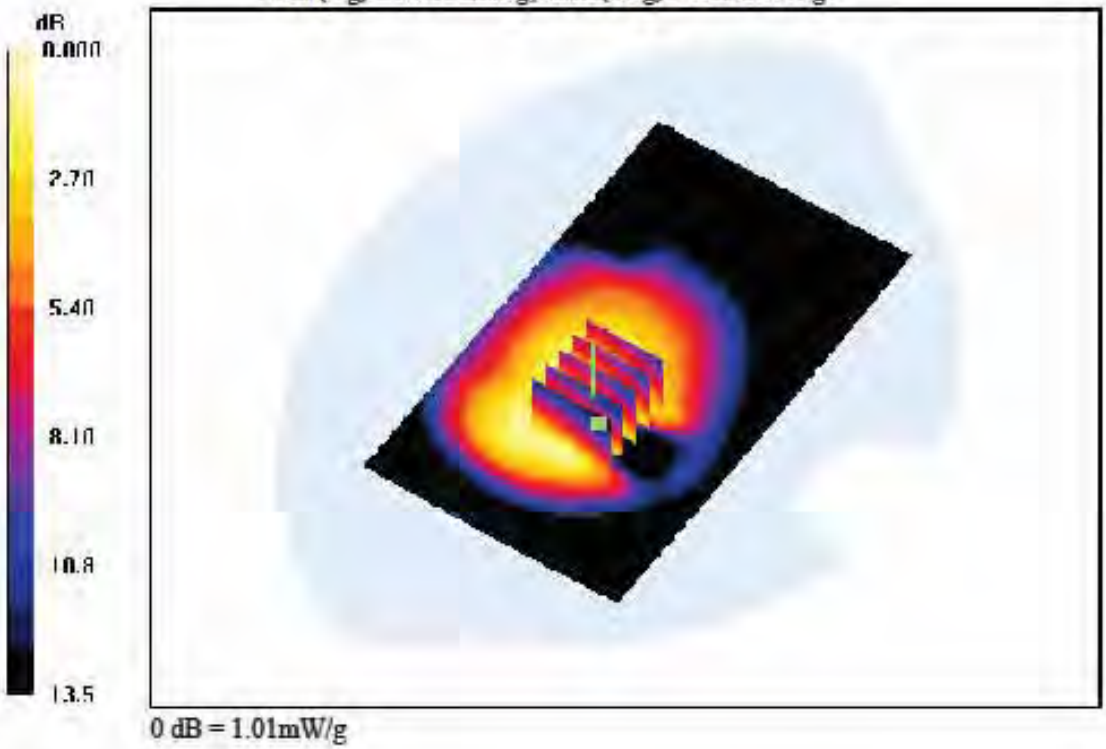
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.951 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 11, Ch. 190, 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 = 0.036 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.598 W/kg



0 dB = 1.01mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

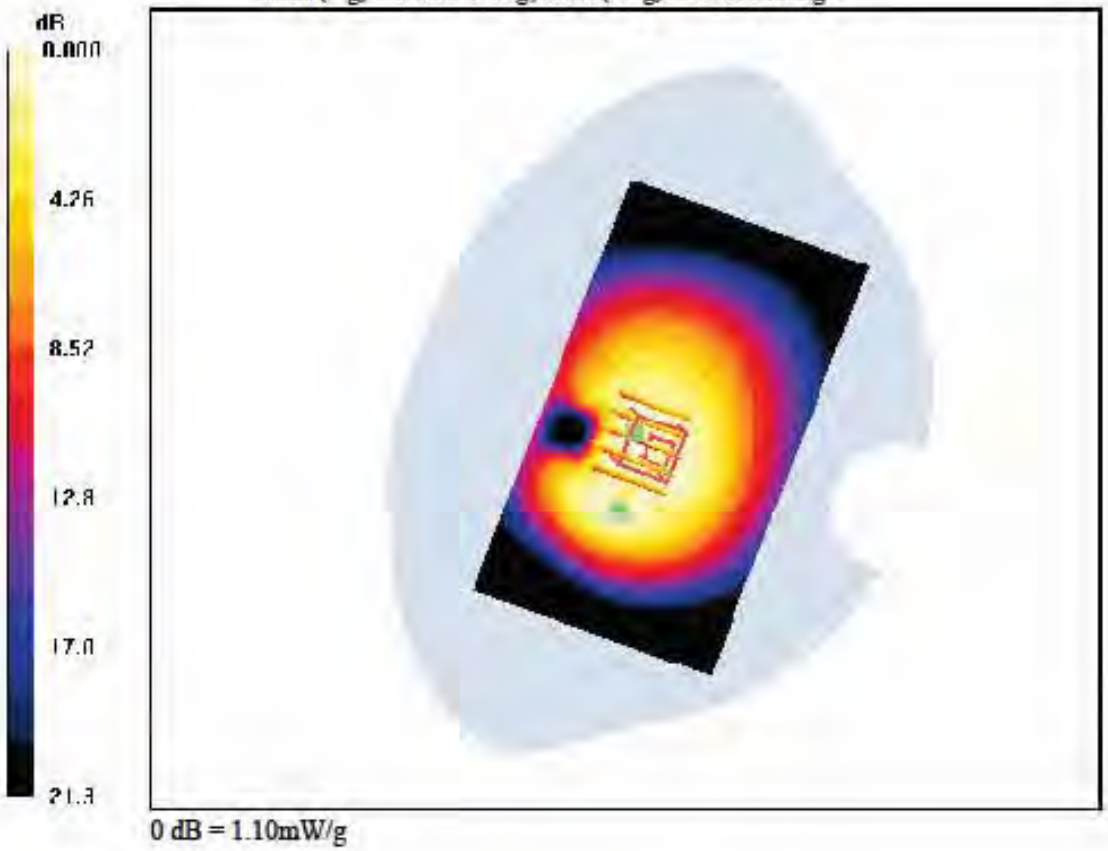
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 848.8 MHz; σ = 0.975 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 11, Ch. 251, 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 = -0.106 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.654 W/kg



0 dB = 1.10mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

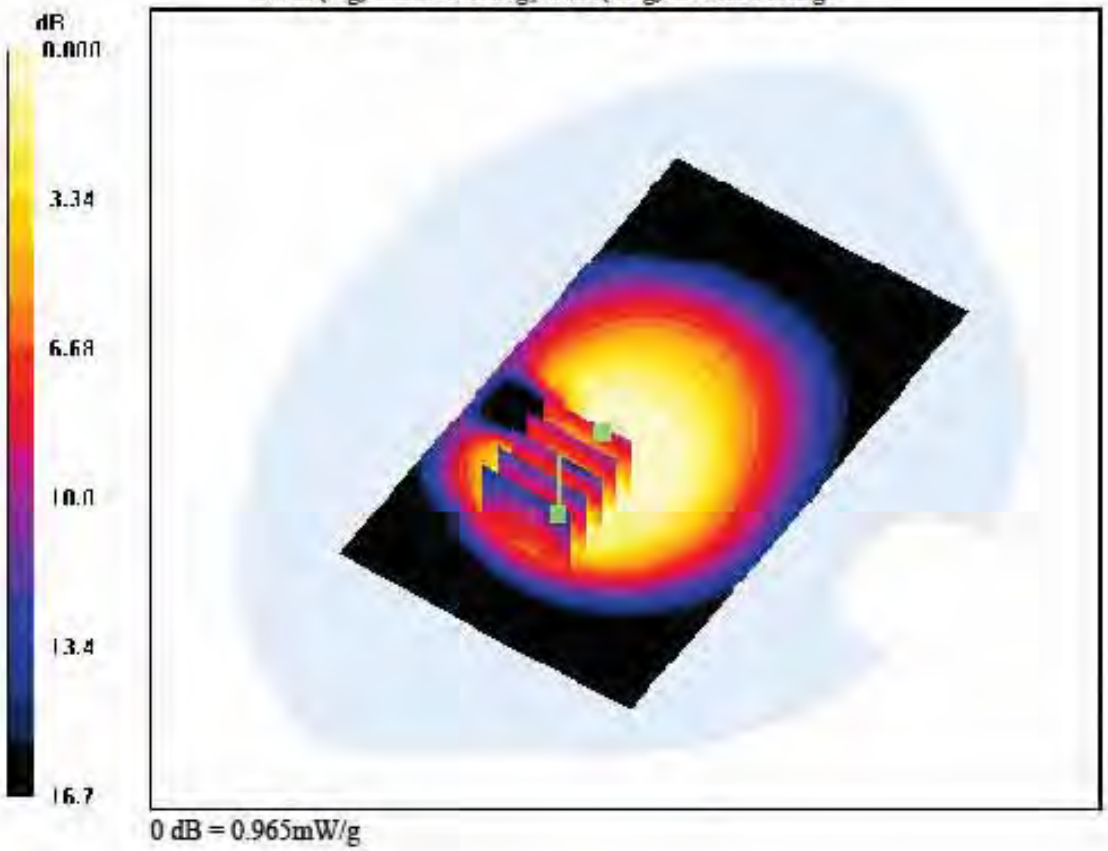
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 848.8 MHz; σ = 0.975 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 11, Ch. 251, 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 = -0.106 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.484 W/kg



0 dB = 0.965mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

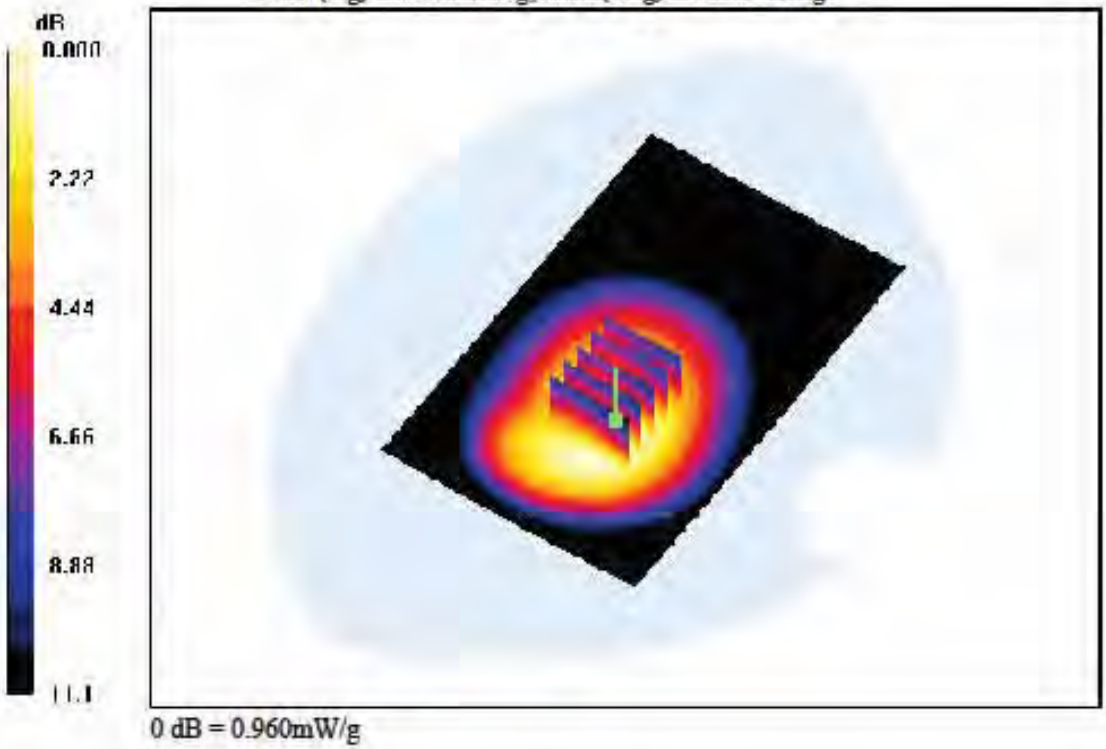
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 824.2 MHz; σ = 0.948 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 12, Ch. 128, 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 = 0.011 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.577 W/kg



0 dB = 0.960mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

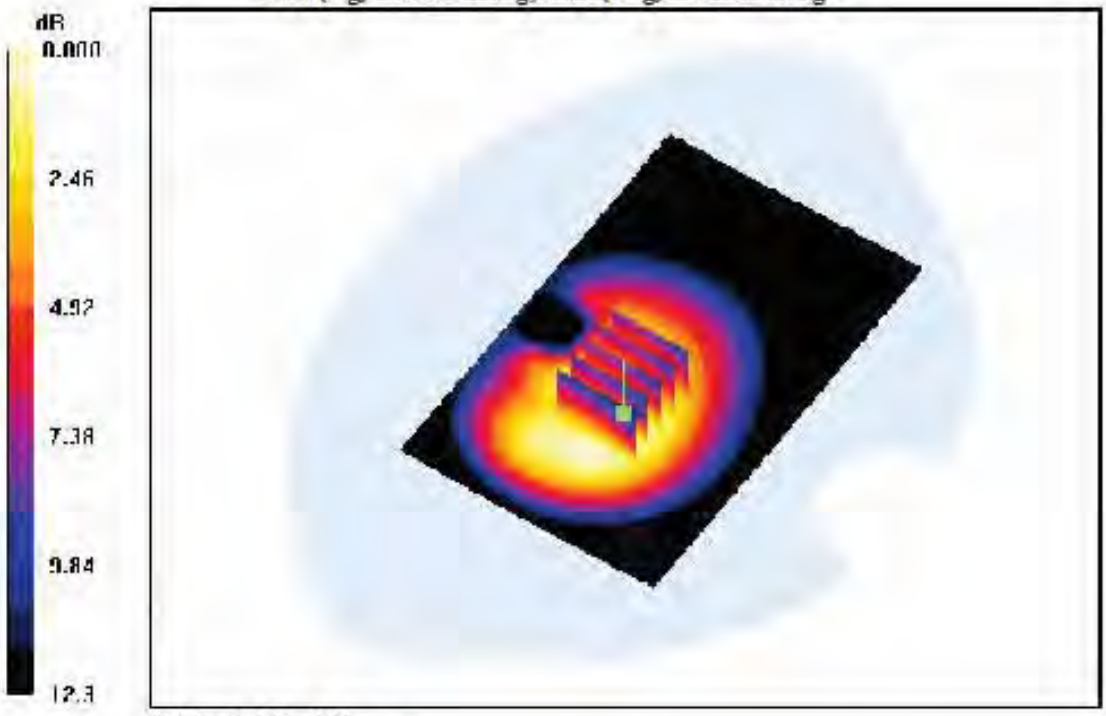
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.951 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 12, Ch. 190, 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 = -0.051 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.575 W/kg



0 dB = 0.958mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

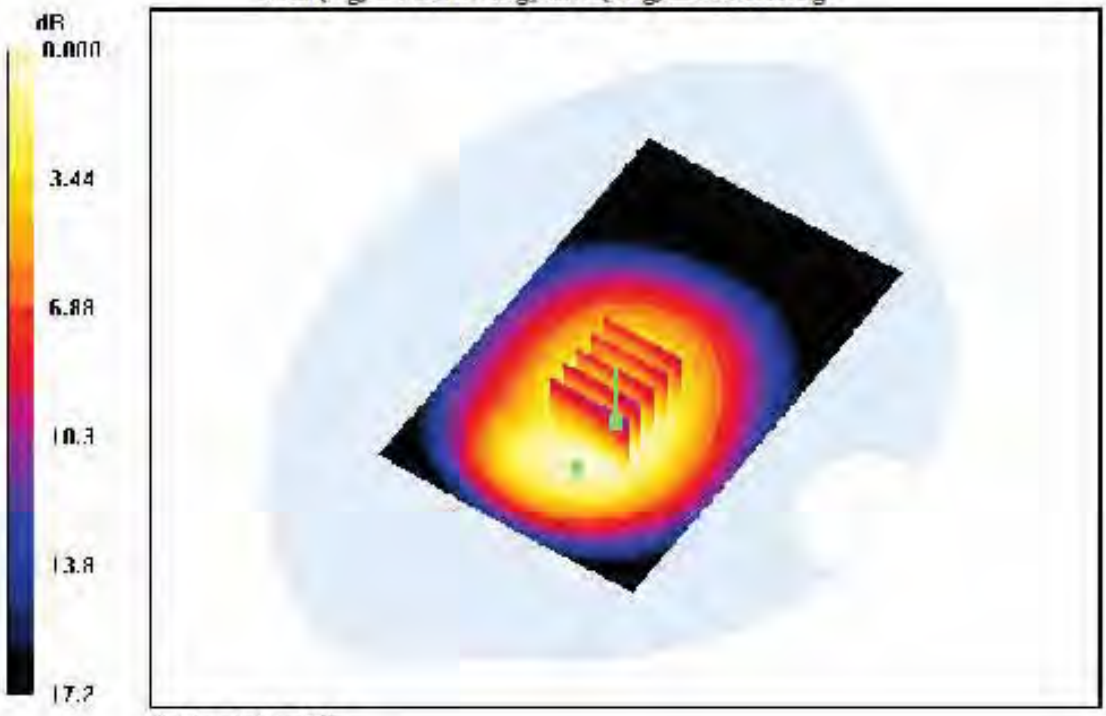
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 848.8 MHz; σ = 0.975 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 12, Ch. 251, 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 = 0.015 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.651 W/kg



0 dB = 1.09mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

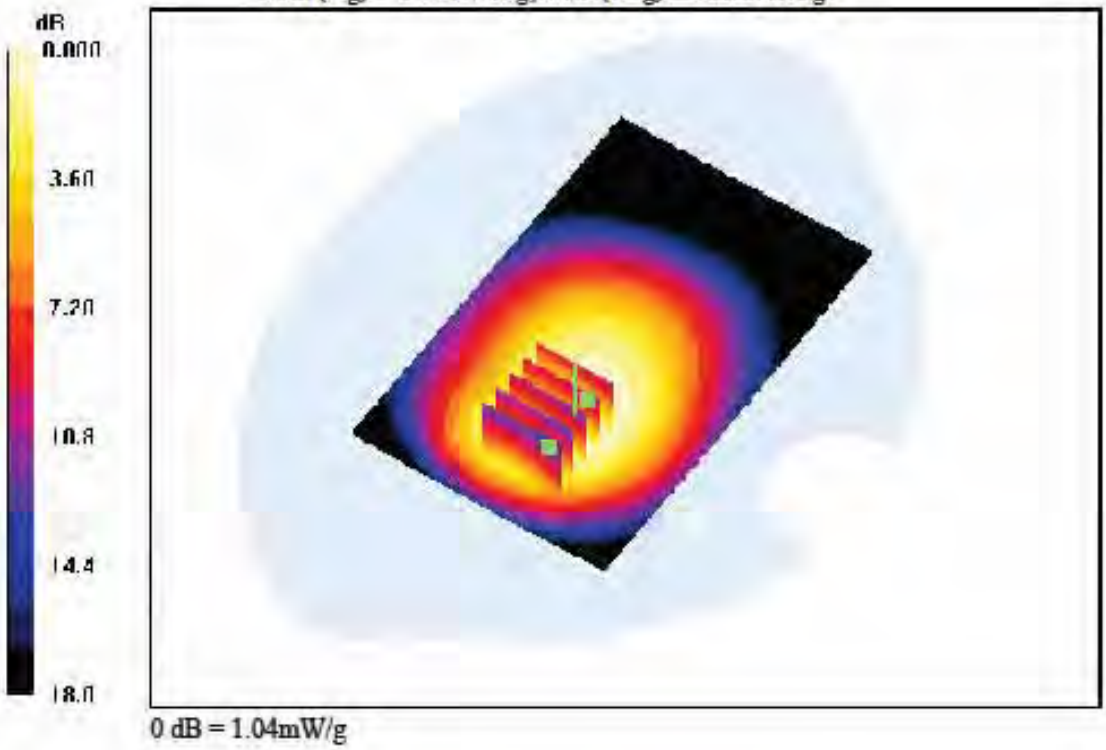
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 848.8 MHz; σ = 0.975 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 12, Ch. 251, Ant Internal

Area Scan (71x111x1): 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) = 1.28 W/kg
SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.512 W/kg



0 dB = 1.04mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

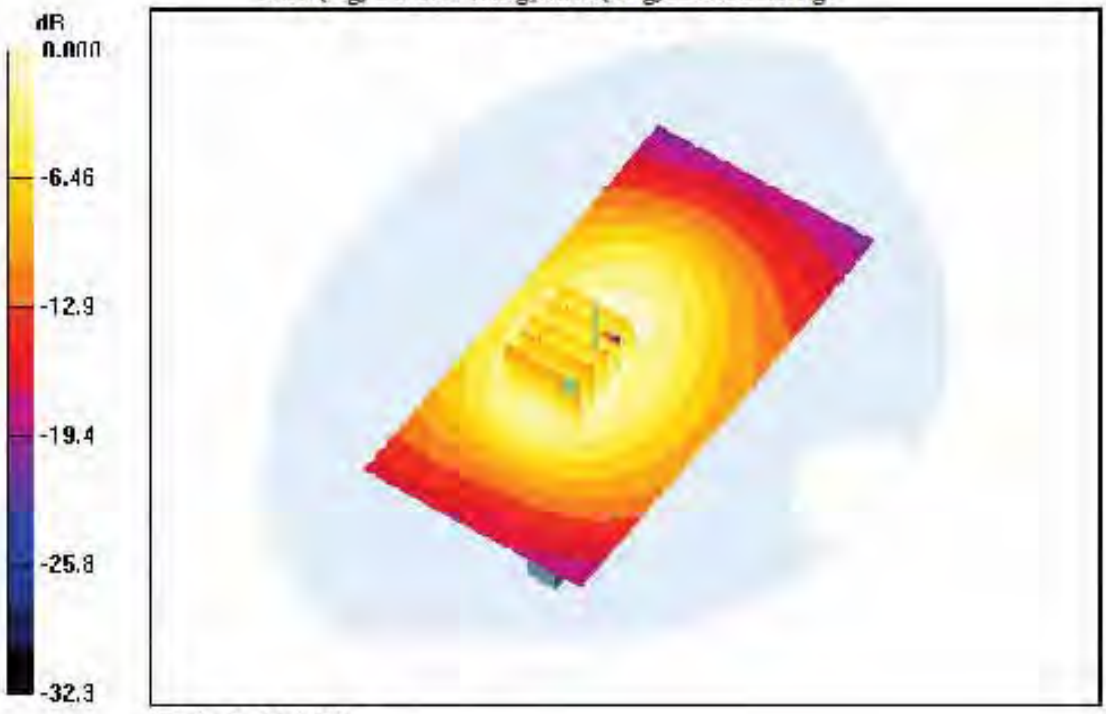
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.951 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Right, GSM850 GPRS Class 11, Ch. 190, 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 = -0.106 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.290 W/kg



0 dB = 0.476mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

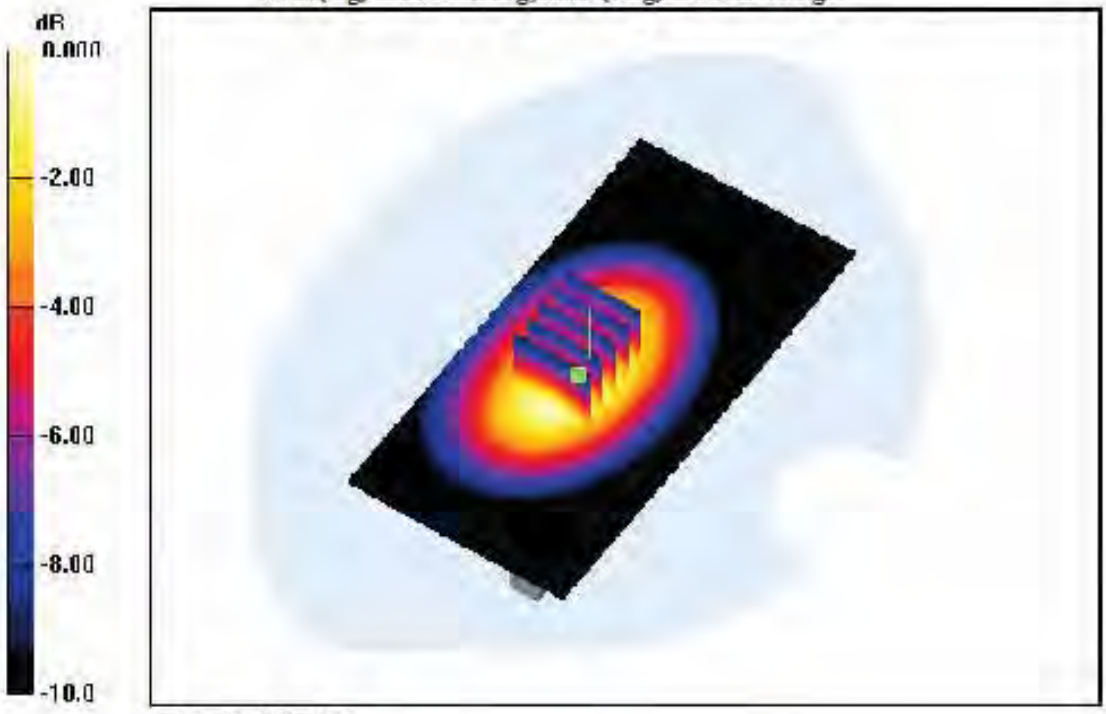
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.951 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Left, GSM850 GPRS Class 11, Ch. 190, 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 = -0.069 dB
Peak SAR (extrapolated) = 0.580 W/kg
SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.235 W/kg



0 dB = 0.407mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

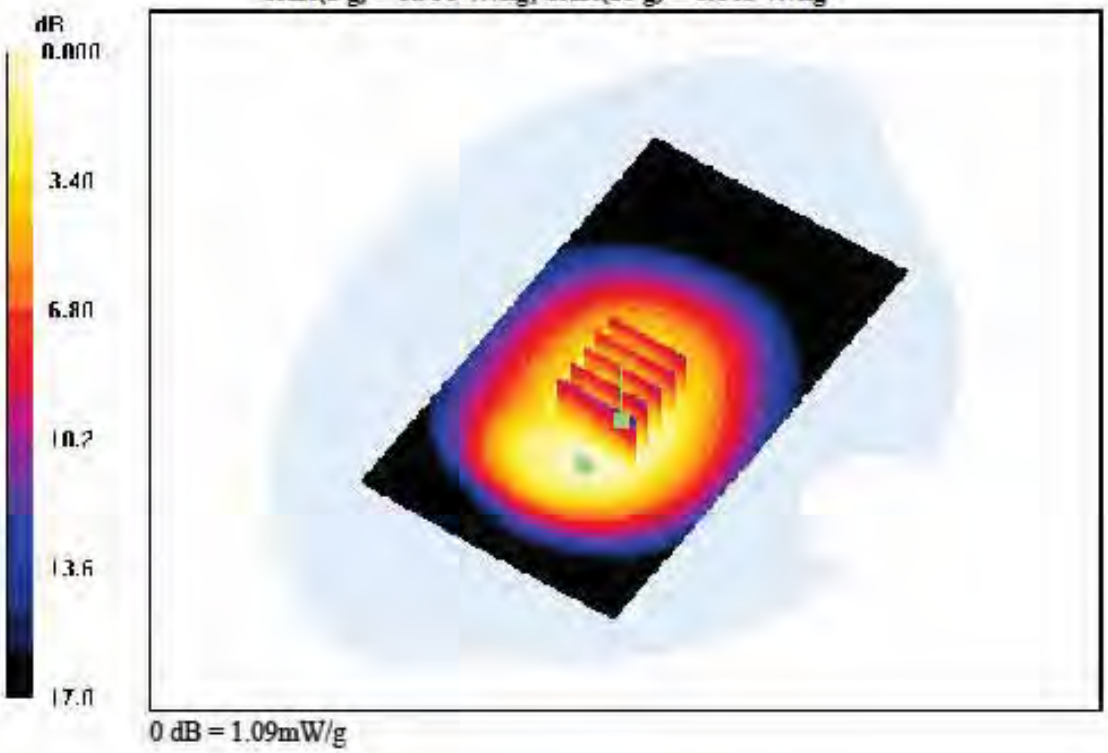
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 848.8 MHz; σ = 0.975 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, Sim2, GSM850 GPRS Class 11, Ch. 251, 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 = 0.032 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.648 W/kg



0 dB = 1.09mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

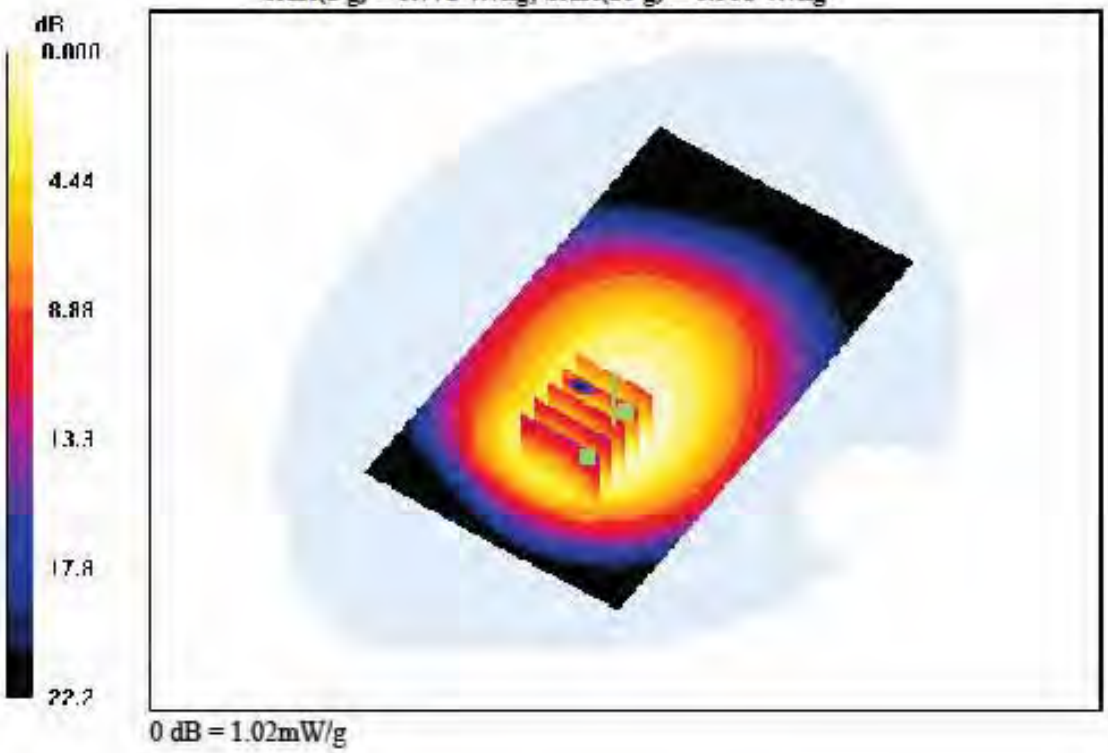
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 848.8 MHz; σ = 0.975 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, Sim2, GSM850 GPRS Class 11, Ch. 251, 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 = 0.032 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.508 W/kg



0 dB = 1.02mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

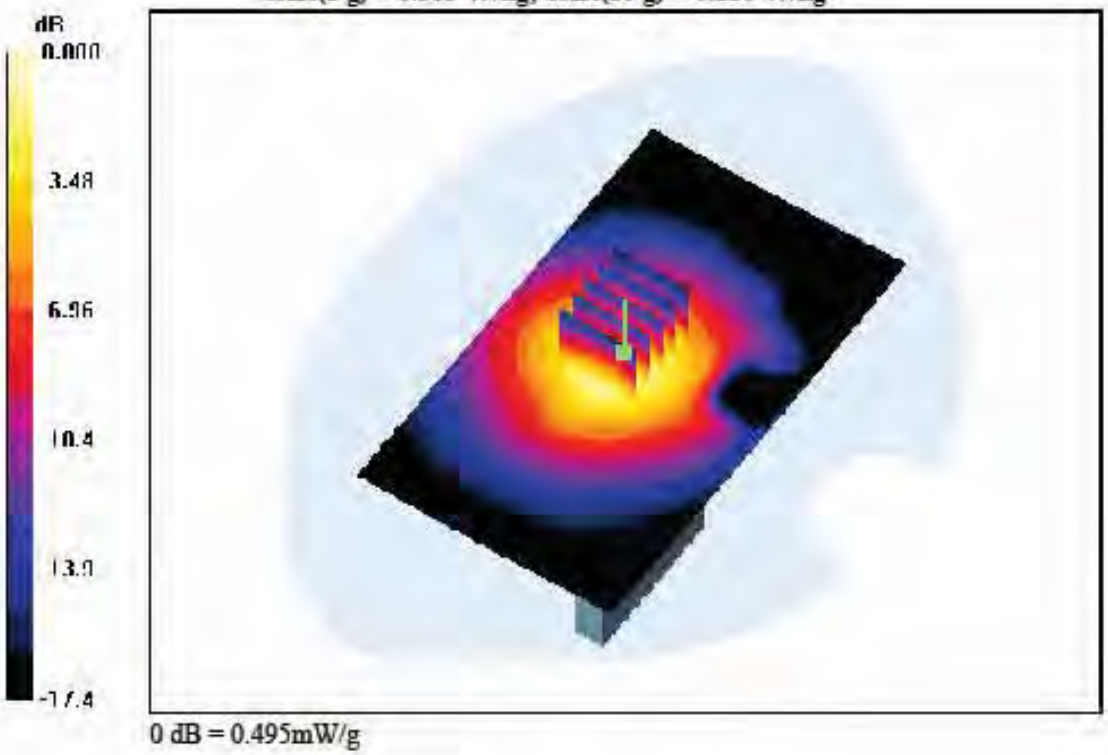
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Bottom, 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 = 0.061 dB
Peak SAR (extrapolated) = 0.657 W/kg
SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.220 W/kg



0 dB = 0.495mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

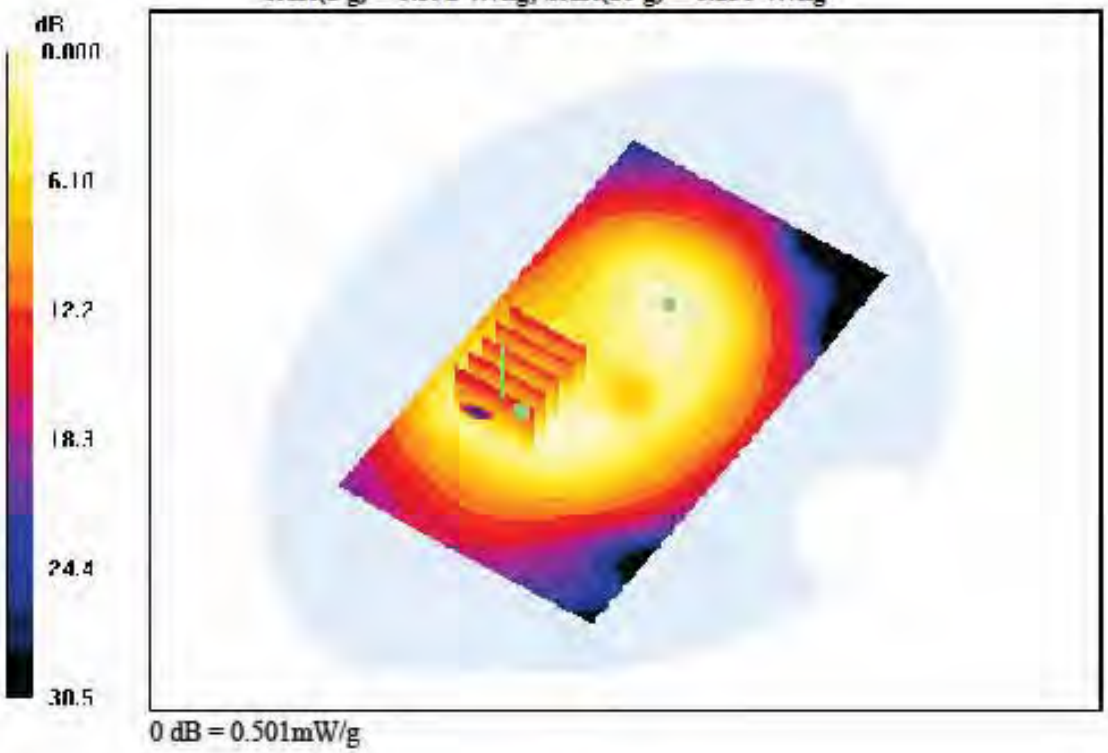
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Front, 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 = -0.162 dB
Peak SAR (extrapolated) = 0.642 W/kg
SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.230 W/kg



0 dB = 0.501mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

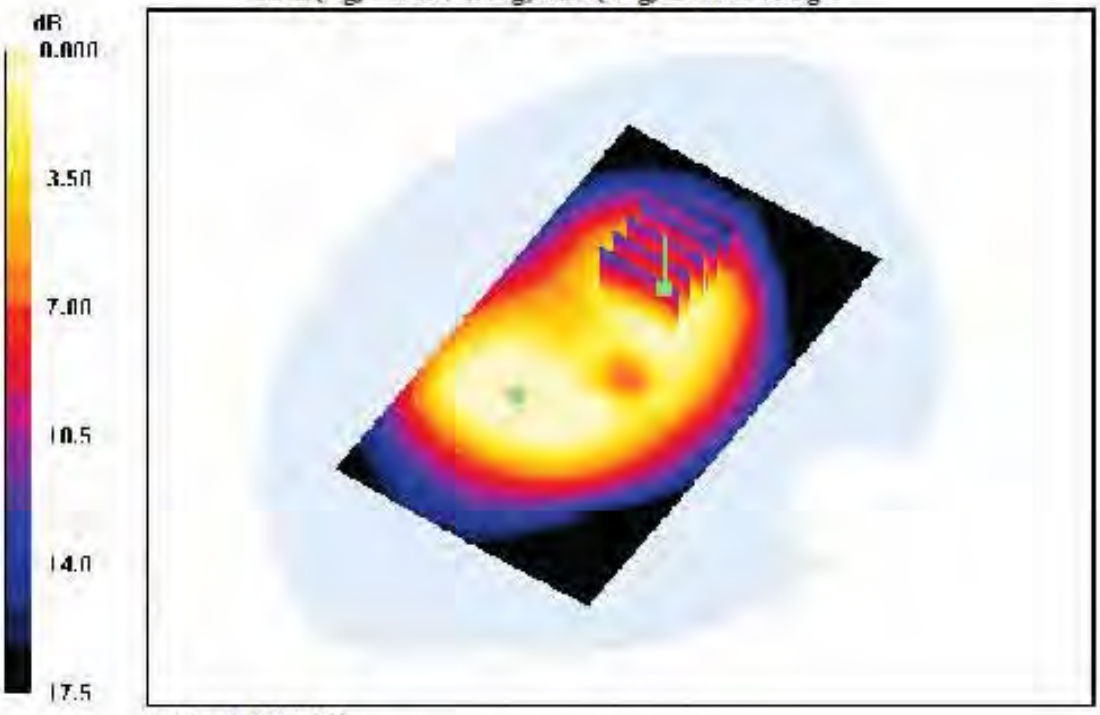
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Front, 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 = -0.162 dB
Peak SAR (extrapolated) = 0.495 W/kg
SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.193 W/kg



0 dB = 0.388mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

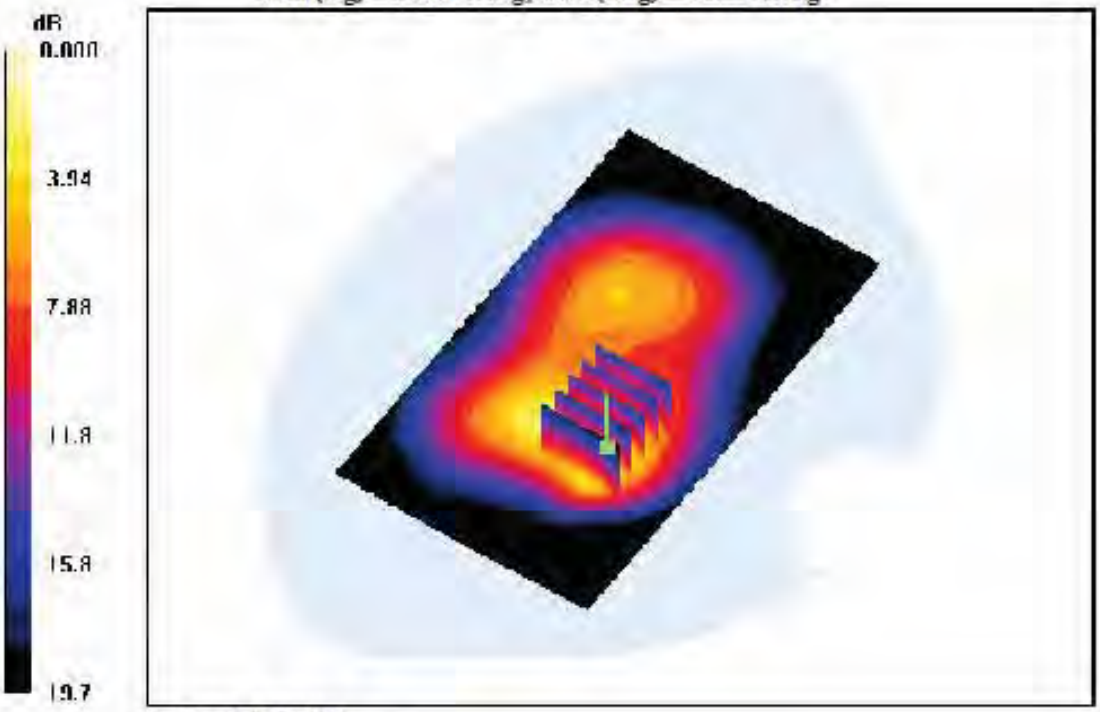
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Rear, PCS1900, 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 = -0.055 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.342 W/kg



0 dB = 0.867mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

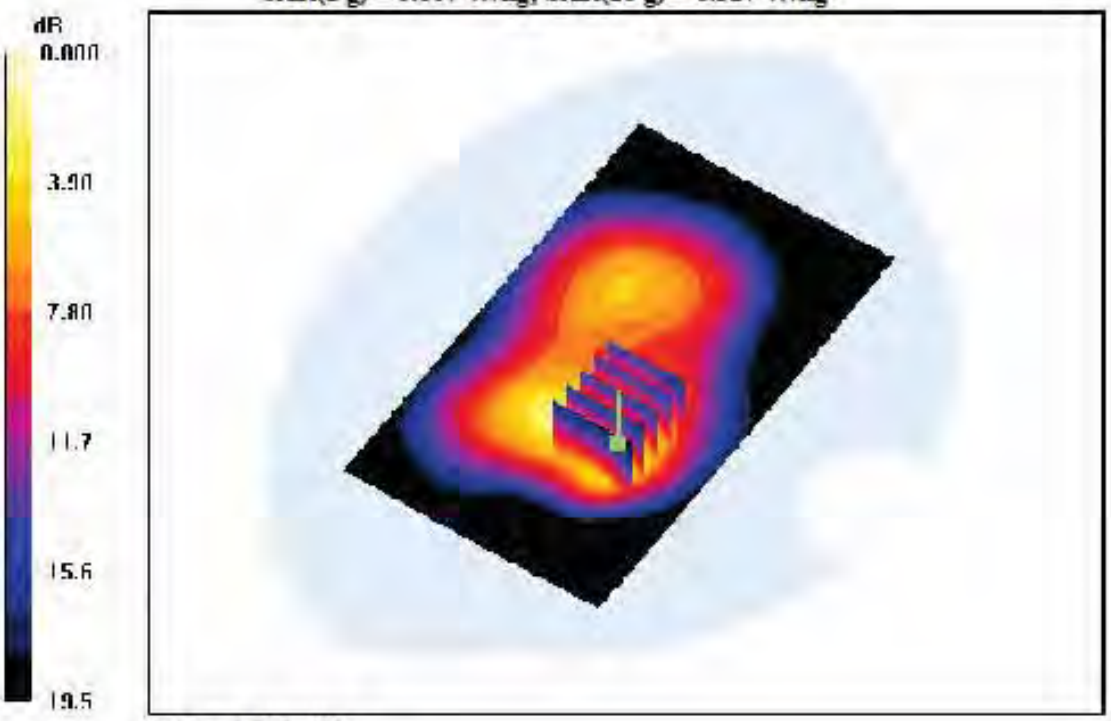
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Rear, PCS1900 GPRS Class 8, 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 = 0.045 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.327 W/kg



0 dB = 0.817mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

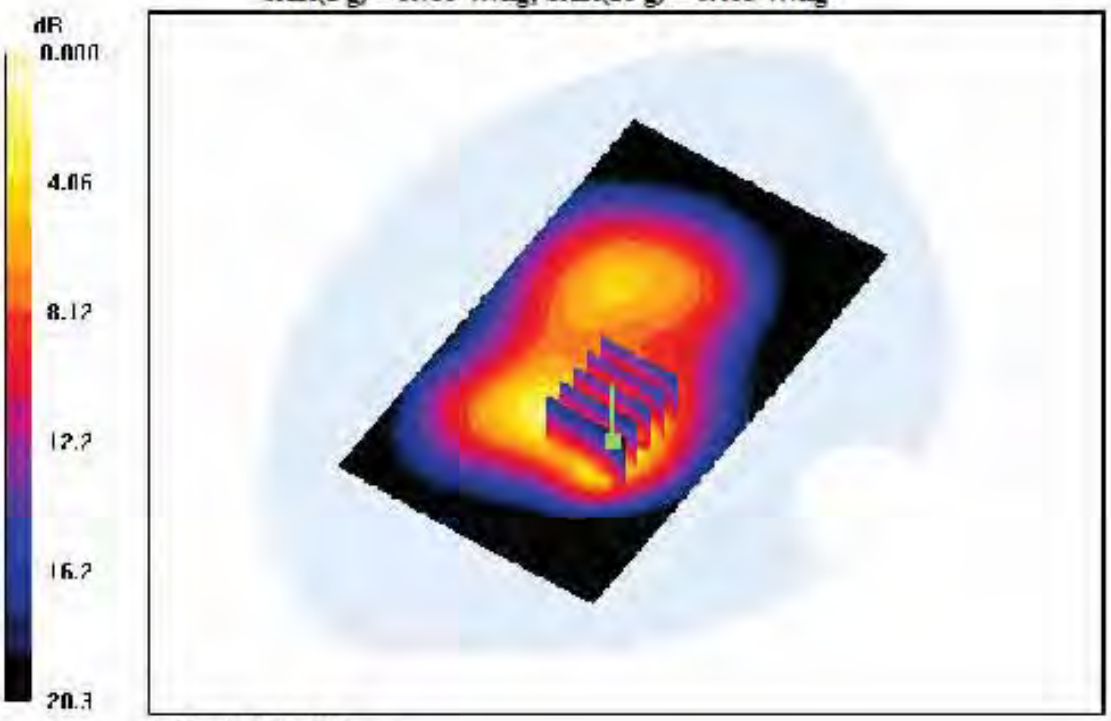
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Rear, PCS1900 GPRS Class 10, 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 = 0.004 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.403 W/kg



0 dB = 0.996mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

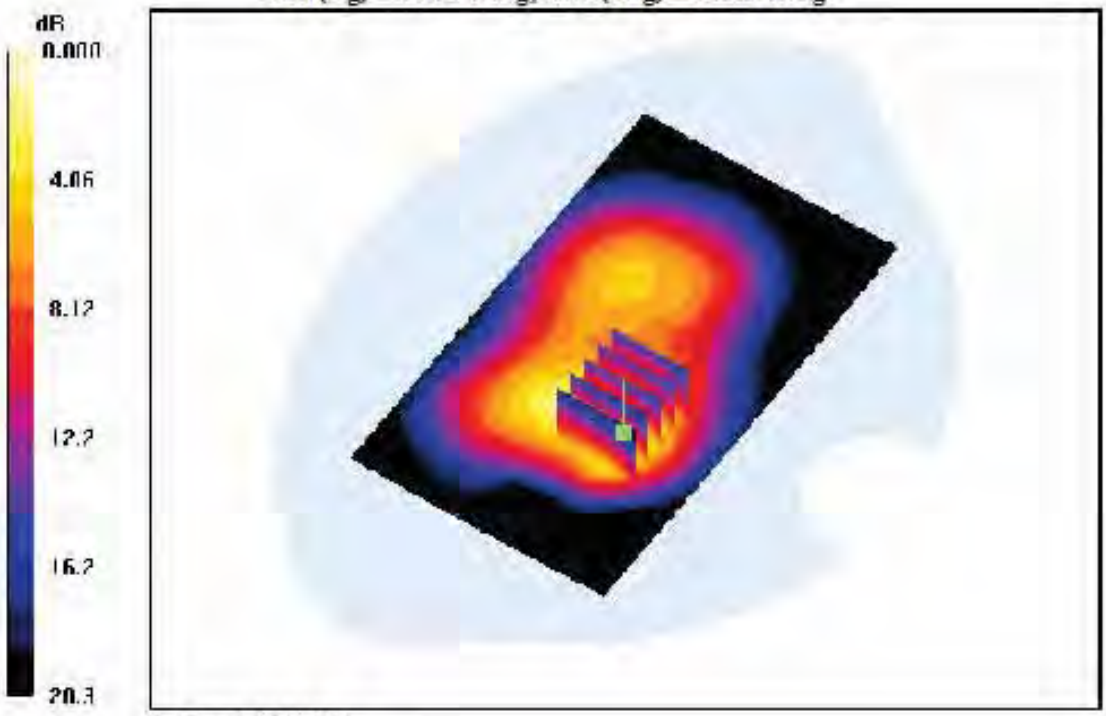
Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Rear, PCS1900 GPRS Class 11, Ch. 512, 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 = 0.025 dB
Peak SAR (extrapolated) = 3.94 W/kg
SAR(1 g) = 0.673 W/kg; SAR(10 g) = 0.382 W/kg



0 dB = 0.964mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

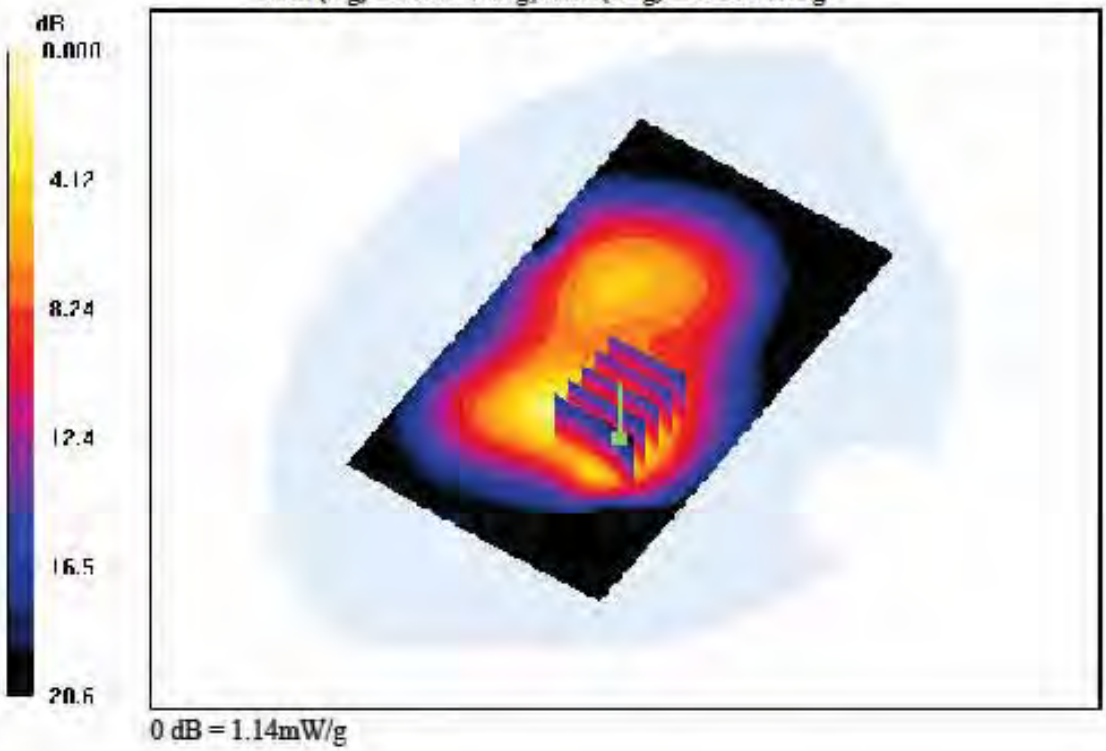
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Rear, 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 = -0.089 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.459 W/kg



0 dB = 1.14mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

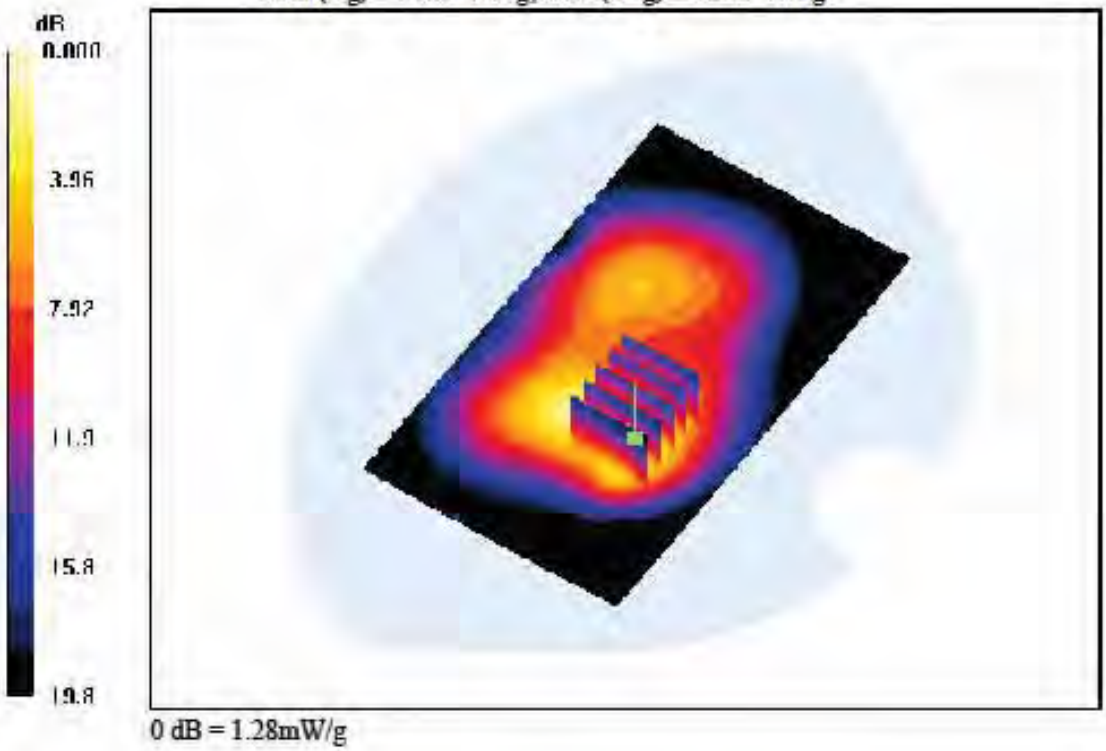
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1909.8 MHz; σ = 1.54 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Rear, PCS1900 GPRS Class 11, Ch. 810, 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 = -0.127 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.507 W/kg



0 dB = 1.28mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

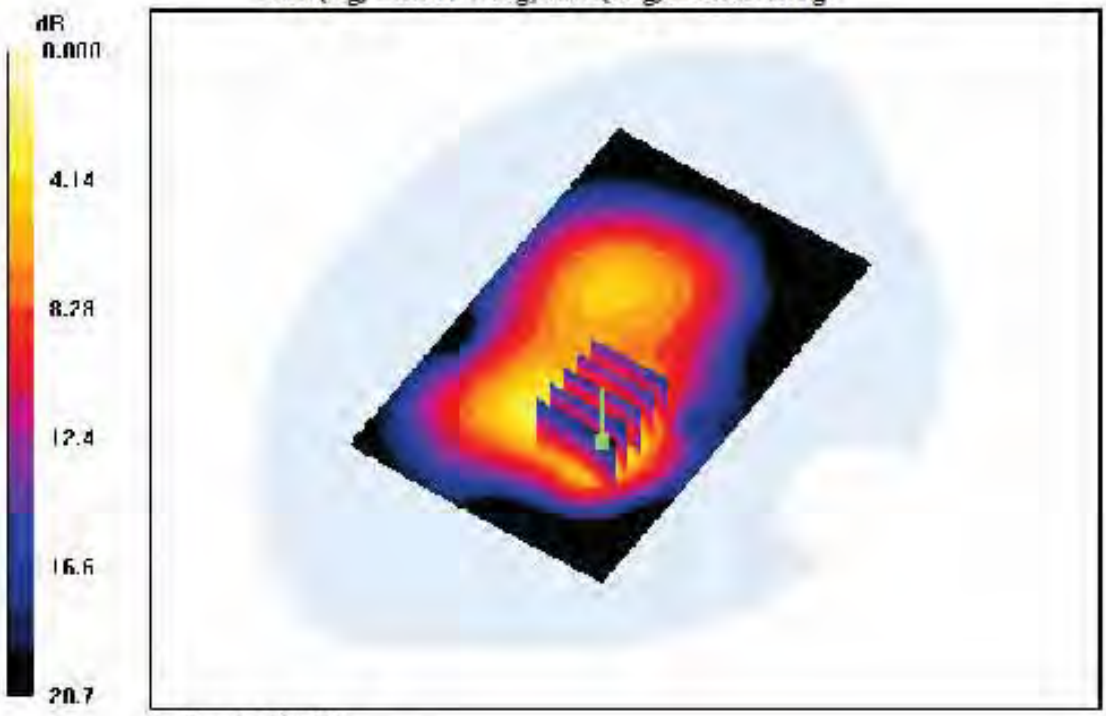
Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Rear, PCS1900 GPRS Class 12, Ch. 512, 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 = 0.101 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.382 W/kg



0 dB = 0.950mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

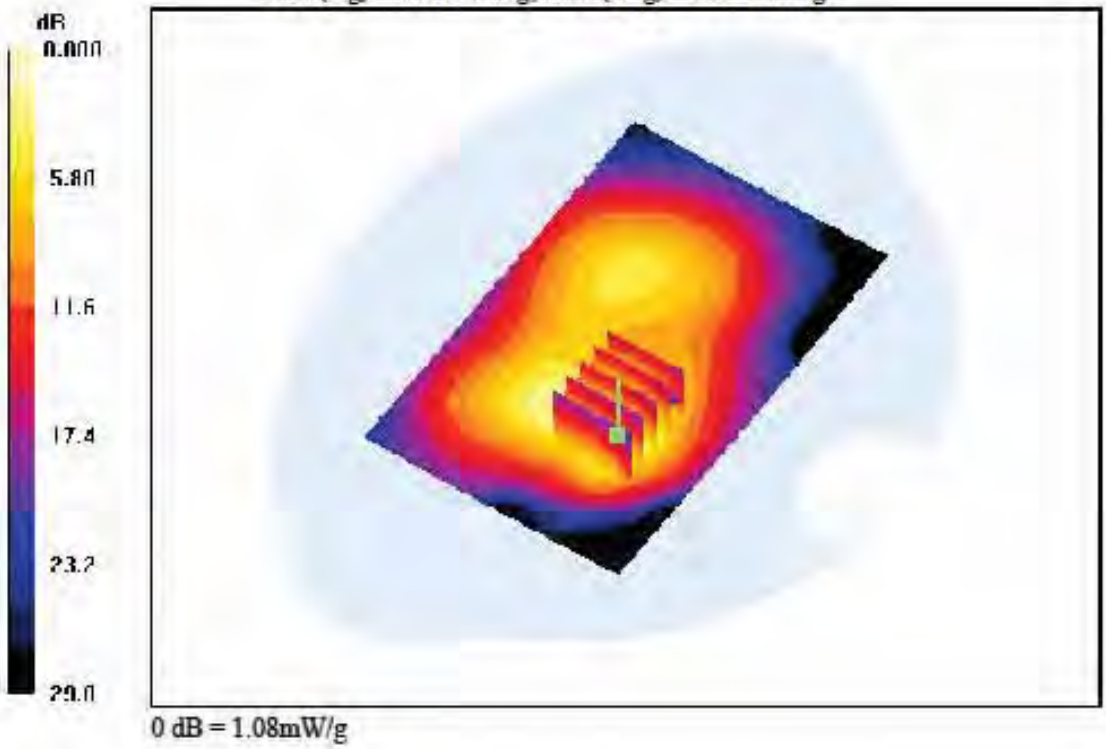
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Rear, PCS1900 GPRS Class 12, Ch. 661, 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 = -0.096 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.434 W/kg



0 dB = 1.08mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

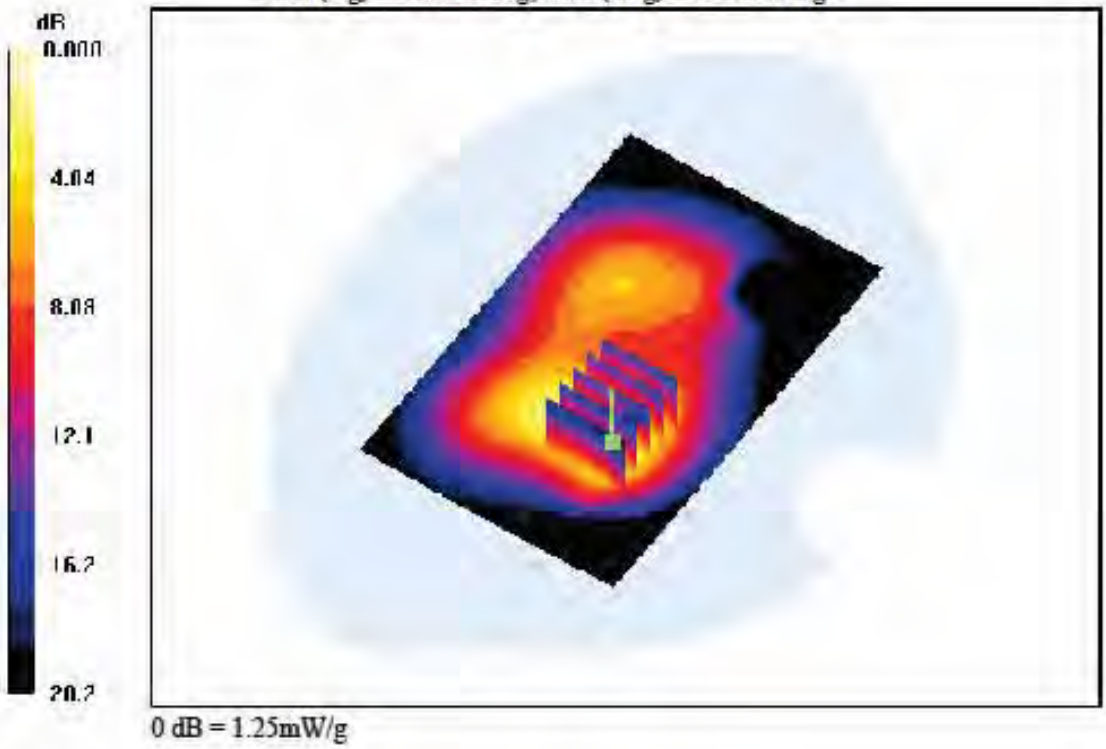
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1909.8 MHz; σ = 1.54 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Rear, PCS1900 GPRS Class 12, Ch. 810, 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 = -0.054 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.498 W/kg



0 dB = 1.25mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

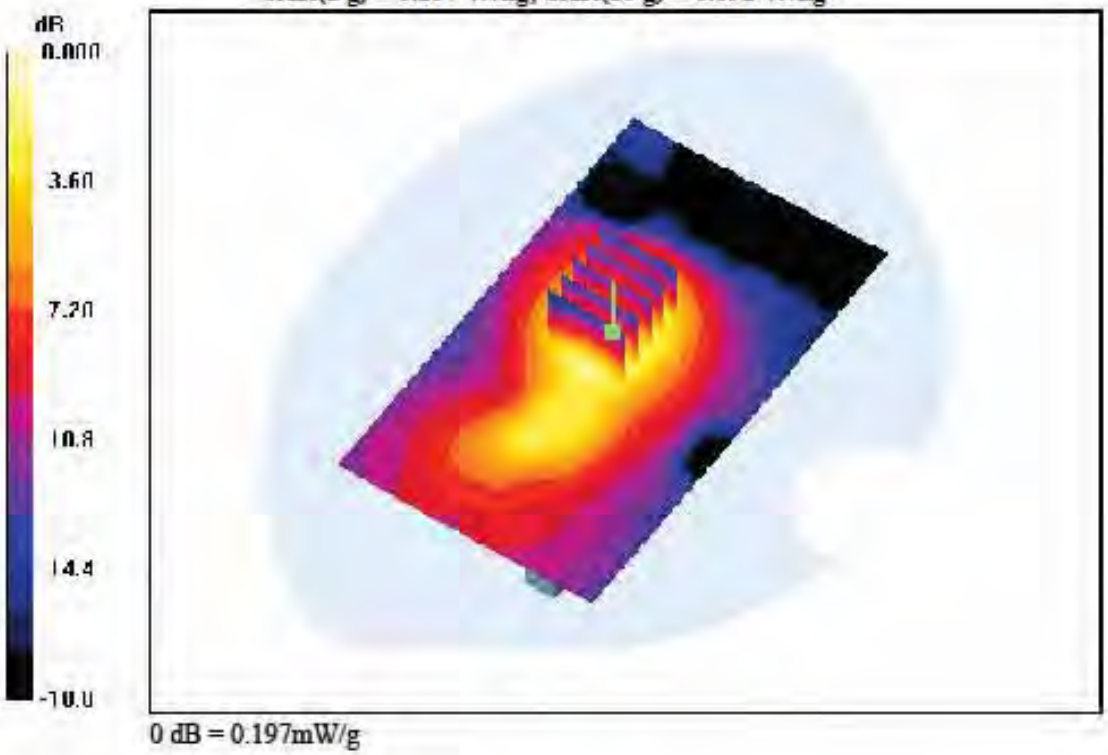
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

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 = -0.068 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.092 W/kg



0 dB = 0.197mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

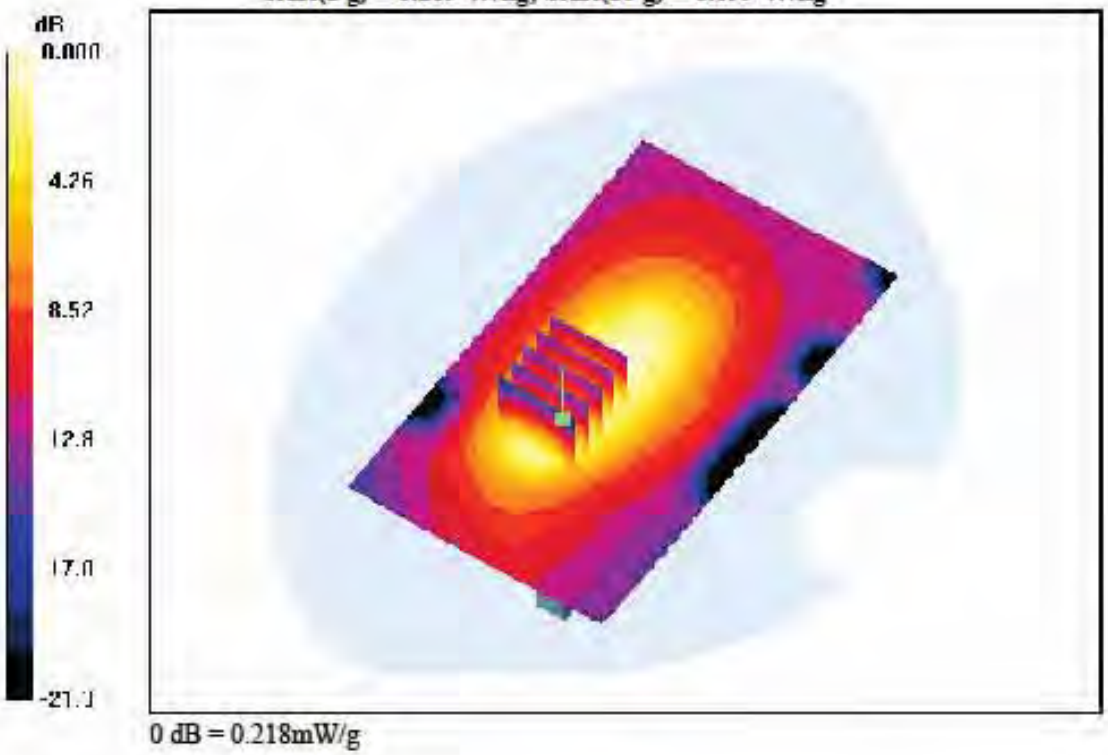
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

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 = 0.140 dB
Peak SAR (extrapolated) = 0.289 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.099 W/kg



0 dB = 0.218mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

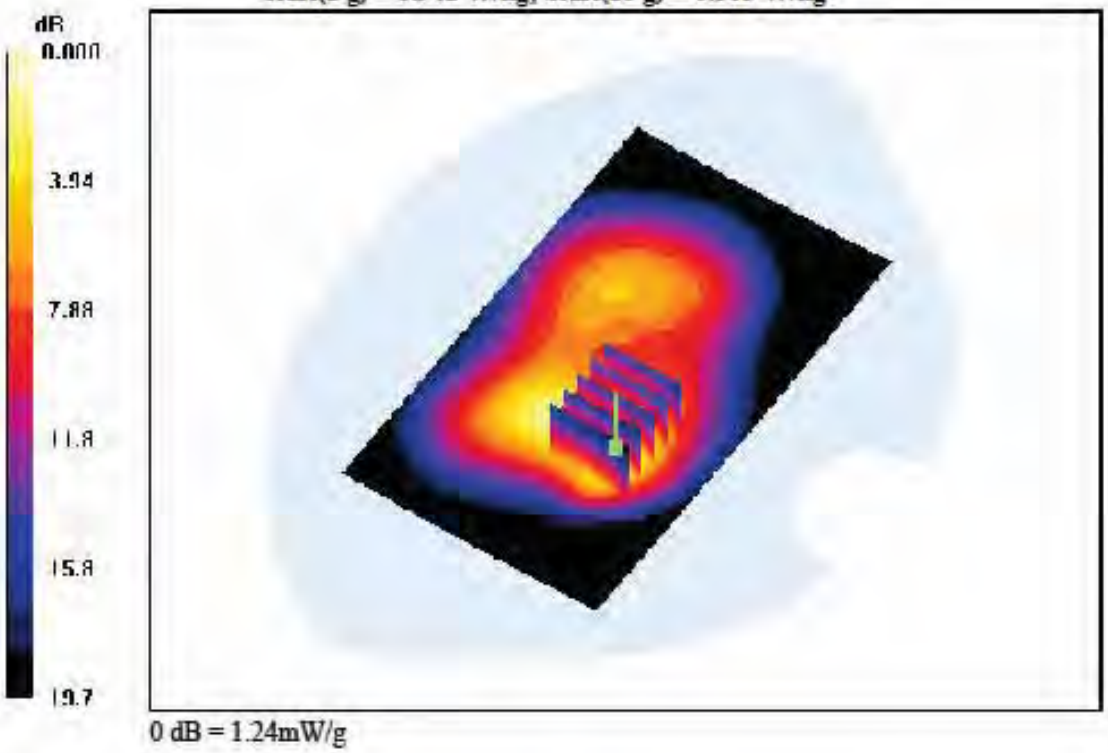
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1909.8 MHz; σ = 1.54 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Rear, Sim2, PCS1900 GPRS Class 11, Ch. 810, 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 = -0.077 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.505 W/kg



0 dB = 1.24mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

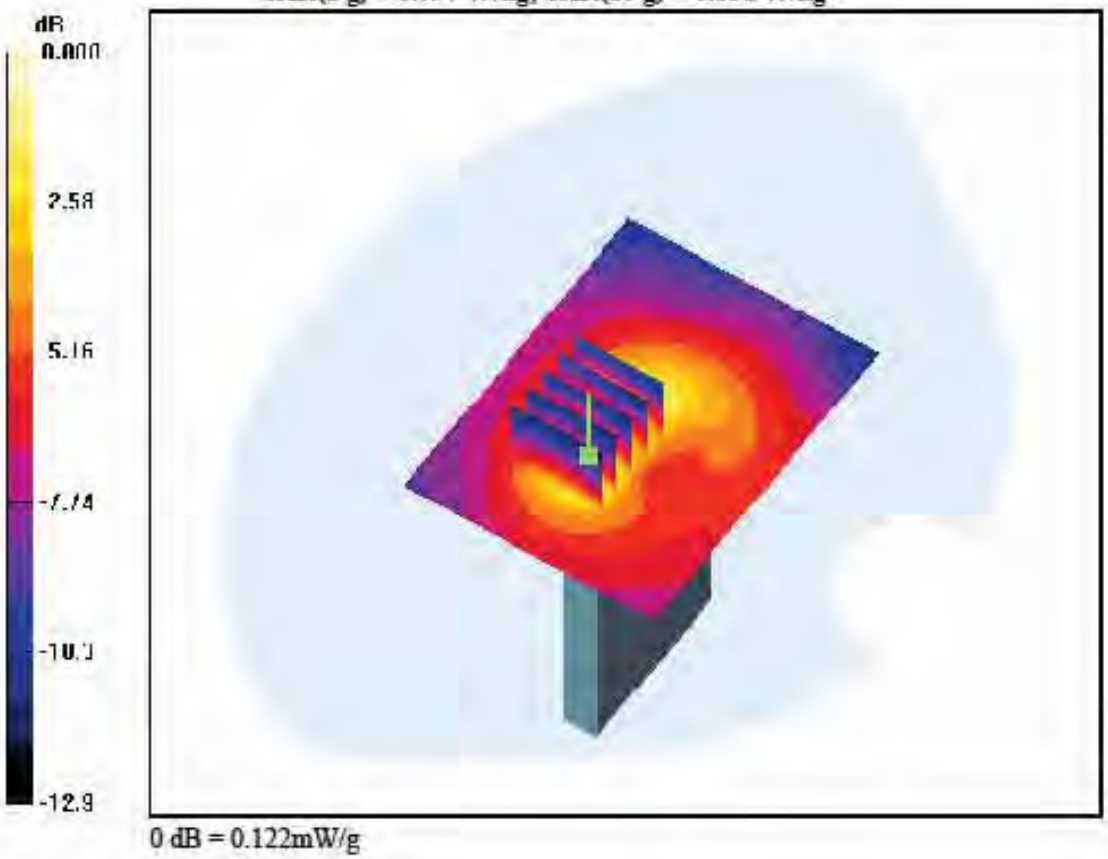
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.953 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

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

Area Scan (61x81x1): 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) = 0.162 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.058 W/kg



0 dB = 0.122mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

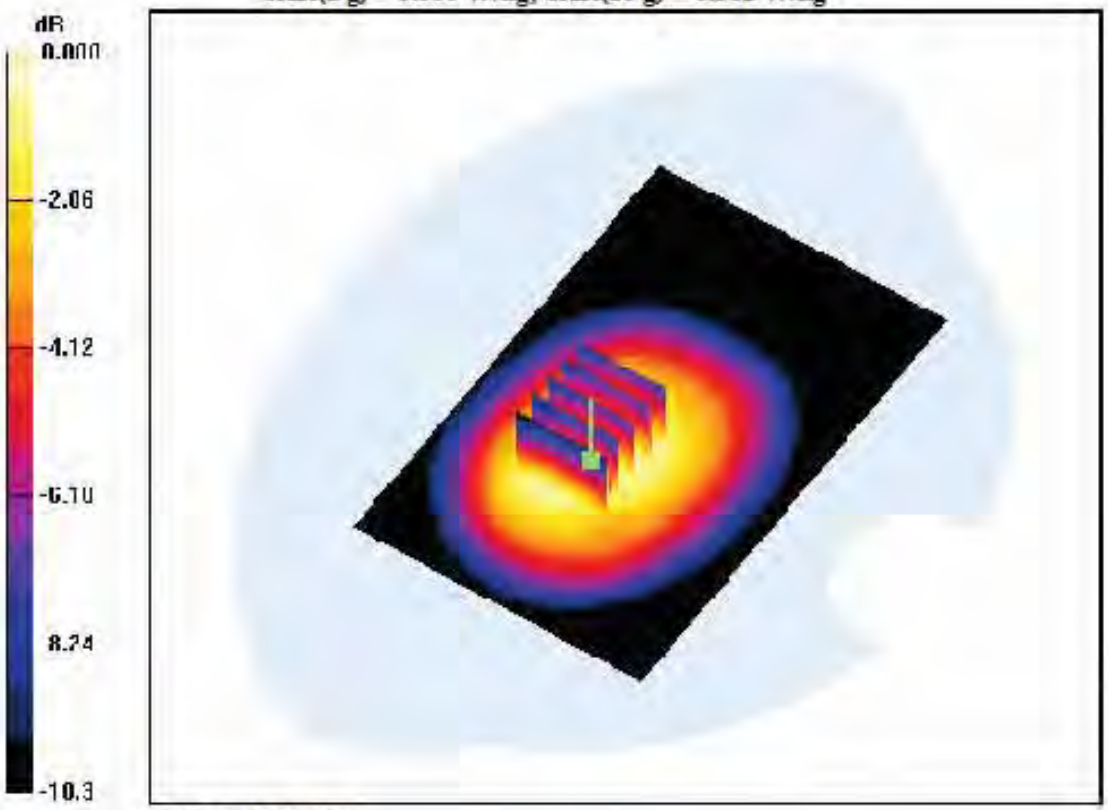
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.953 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-09; Ambient Temp: 22.3; 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 = 0.021 dB
Peak SAR (extrapolated) = 0.682 W/kg
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.361 W/kg



0 dB = 0.574mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

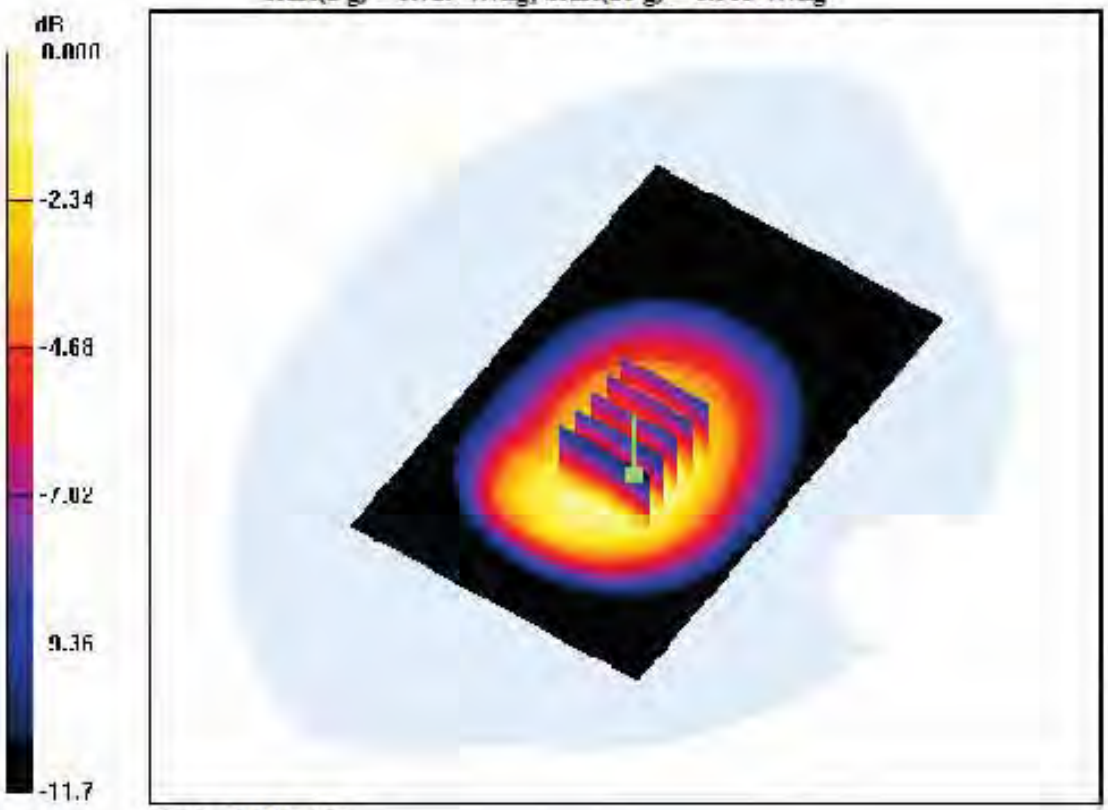
Communication System: WCDMA 850 ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.945 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

1 cm space from Body, Rear, WCDMA850, Ch. 4132, 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 = 0.057 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.503 W/kg



0 dB = 0.847mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

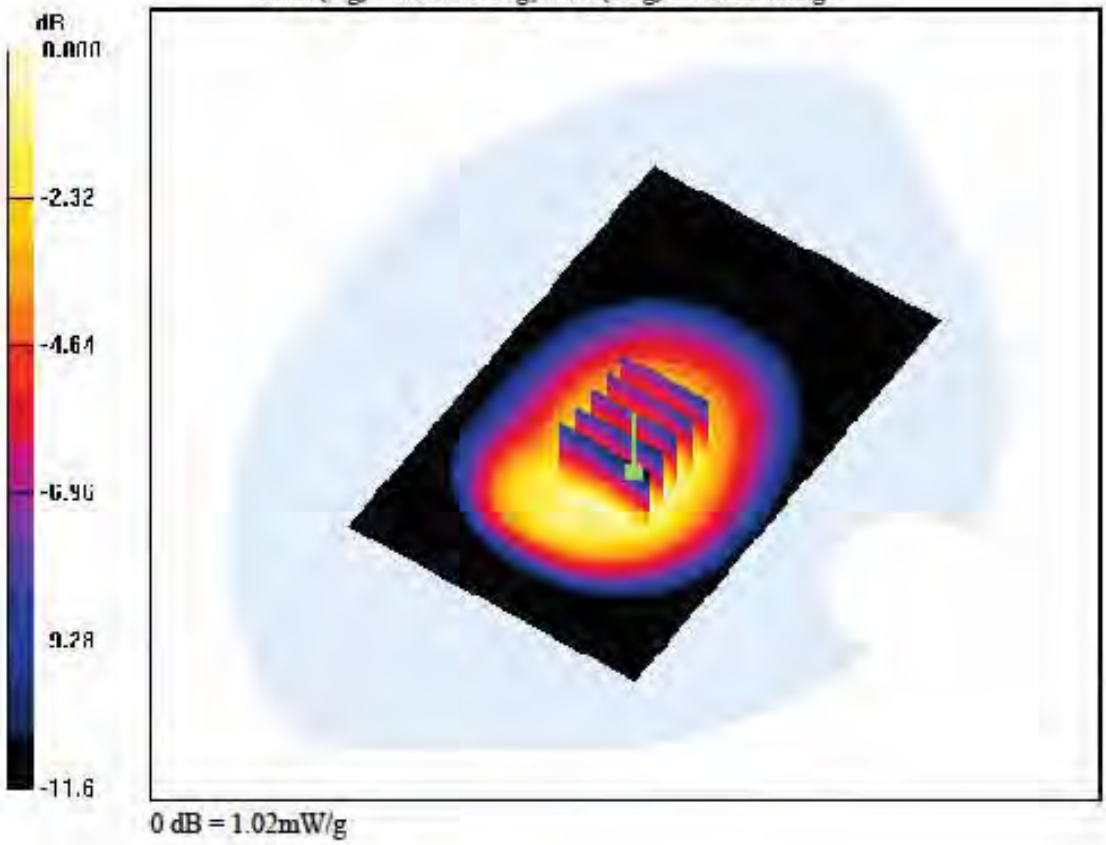
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.953 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

1 cm space from Body, Rear, 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 = -0.031 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.612 W/kg



0 dB = 1.02mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

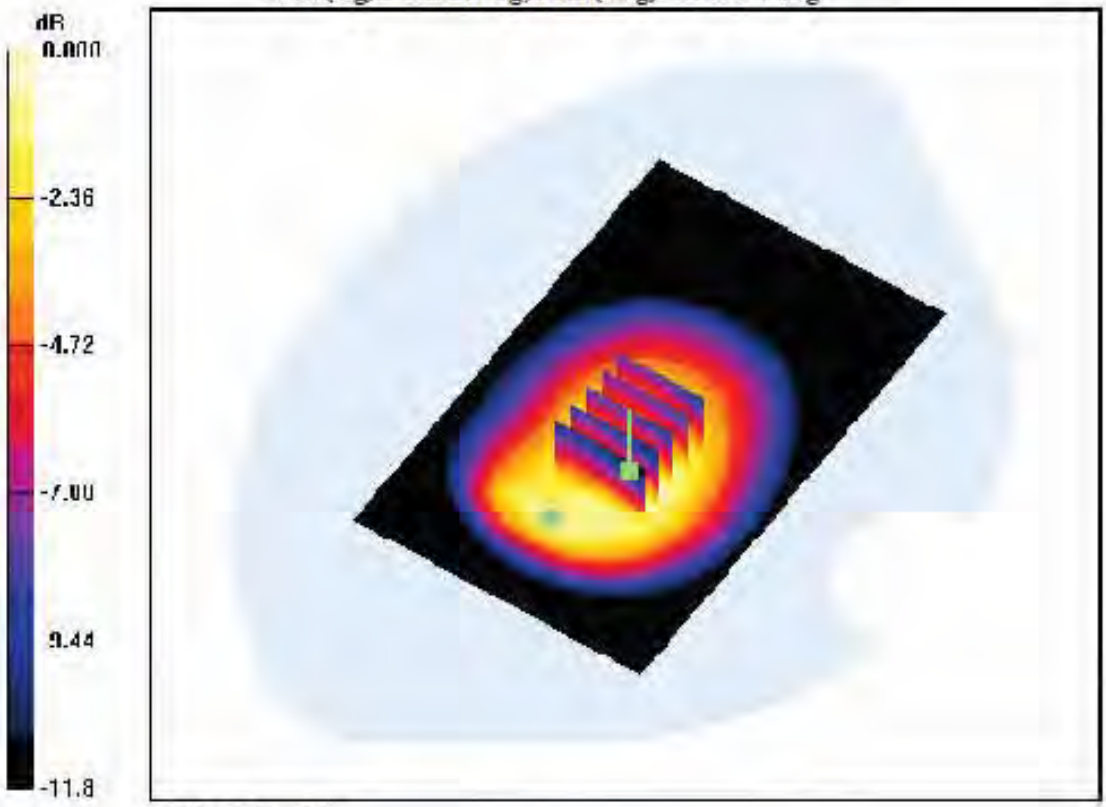
Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.964 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

1 cm space from Body, Rear, WCDMA850, Ch. 4233, 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 = 0.096 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.758 W/kg



0 dB = 1.28mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

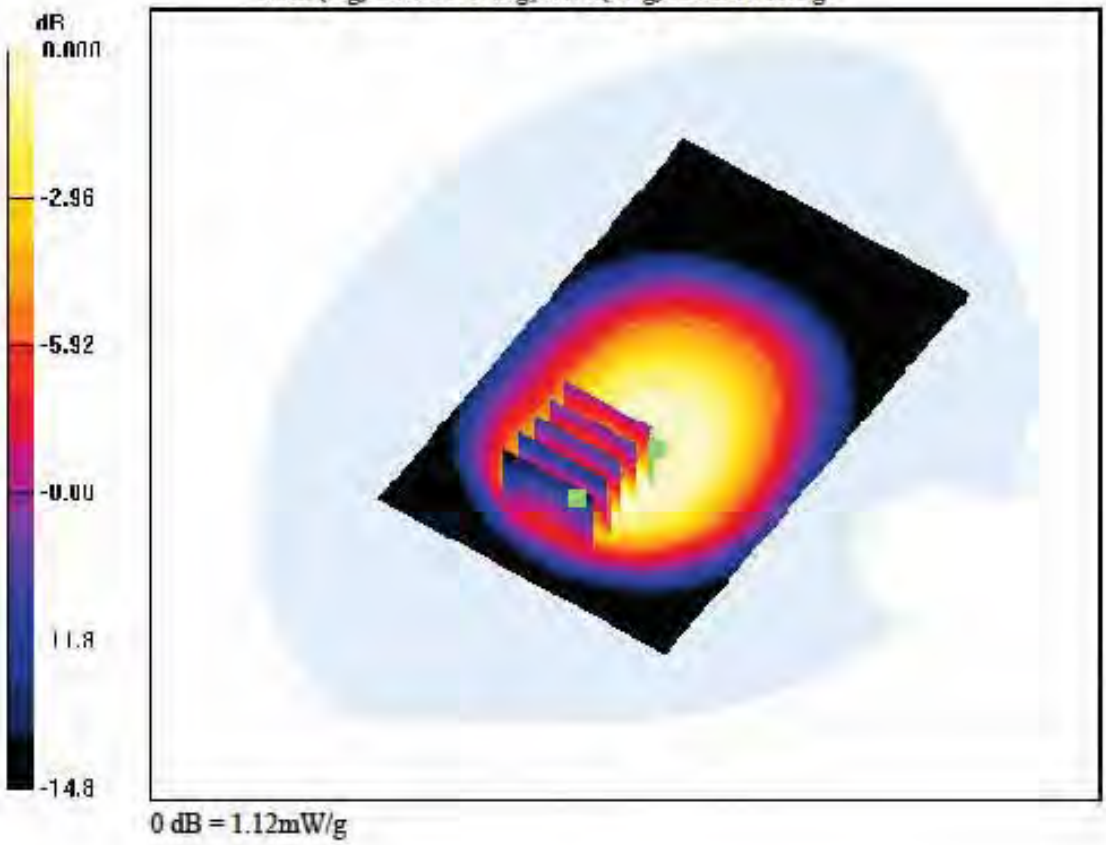
Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.964 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

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

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.096 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.564 W/kg



0 dB = 1.12mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

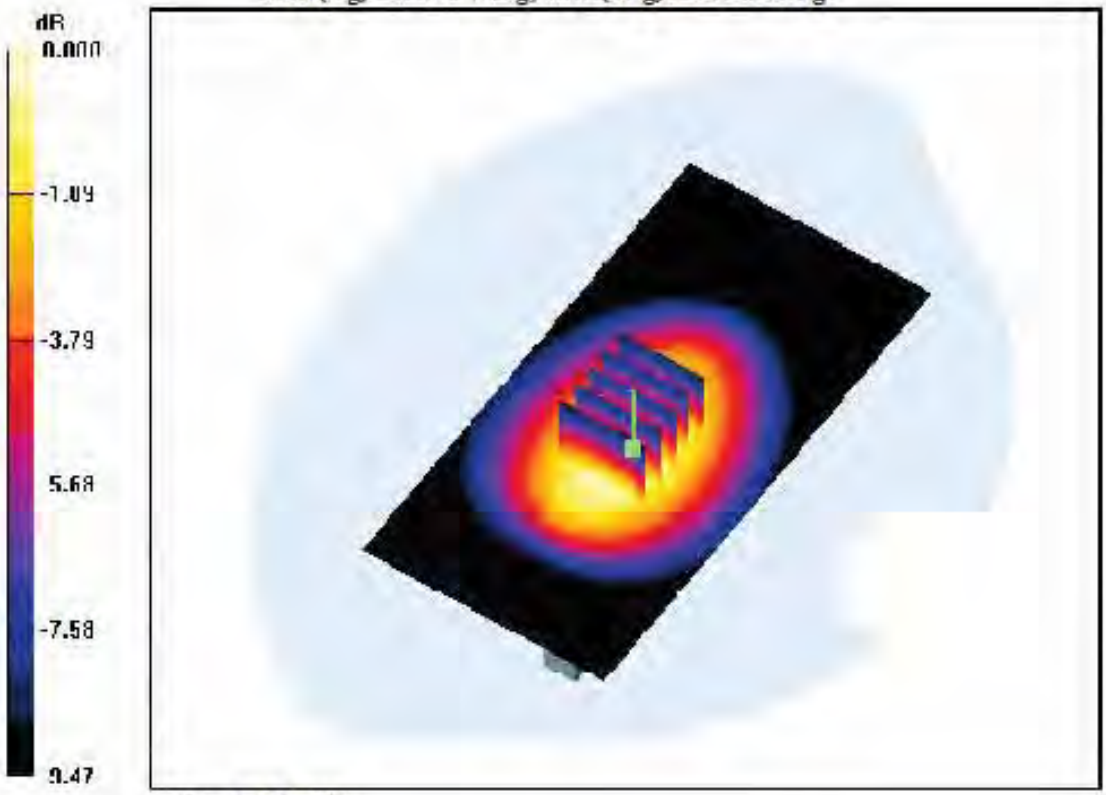
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.953 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-09; Ambient Temp: 22.3; 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 = 0.021 dB
Peak SAR (extrapolated) = 0.648 W/kg
SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.328 W/kg



0 dB = 0.550mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

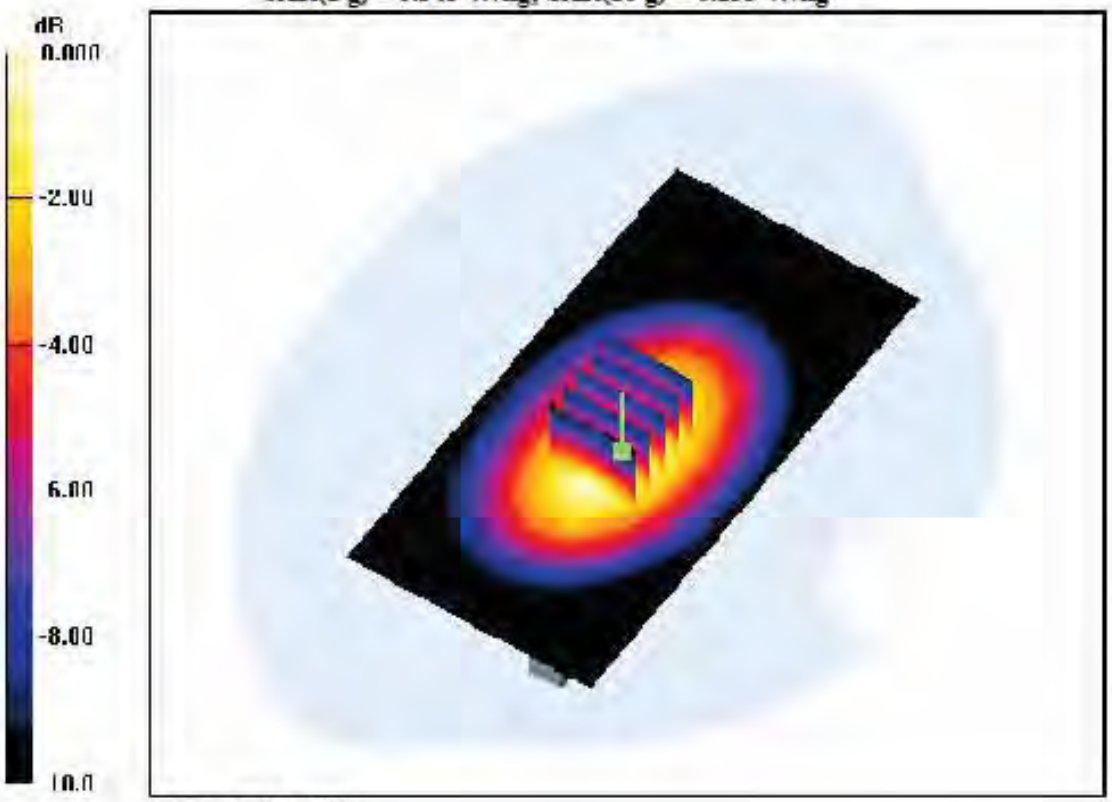
Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.953 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-09; Ambient Temp: 22.3; 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 = -0.008 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.235 W/kg



0 dB = 0.407mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

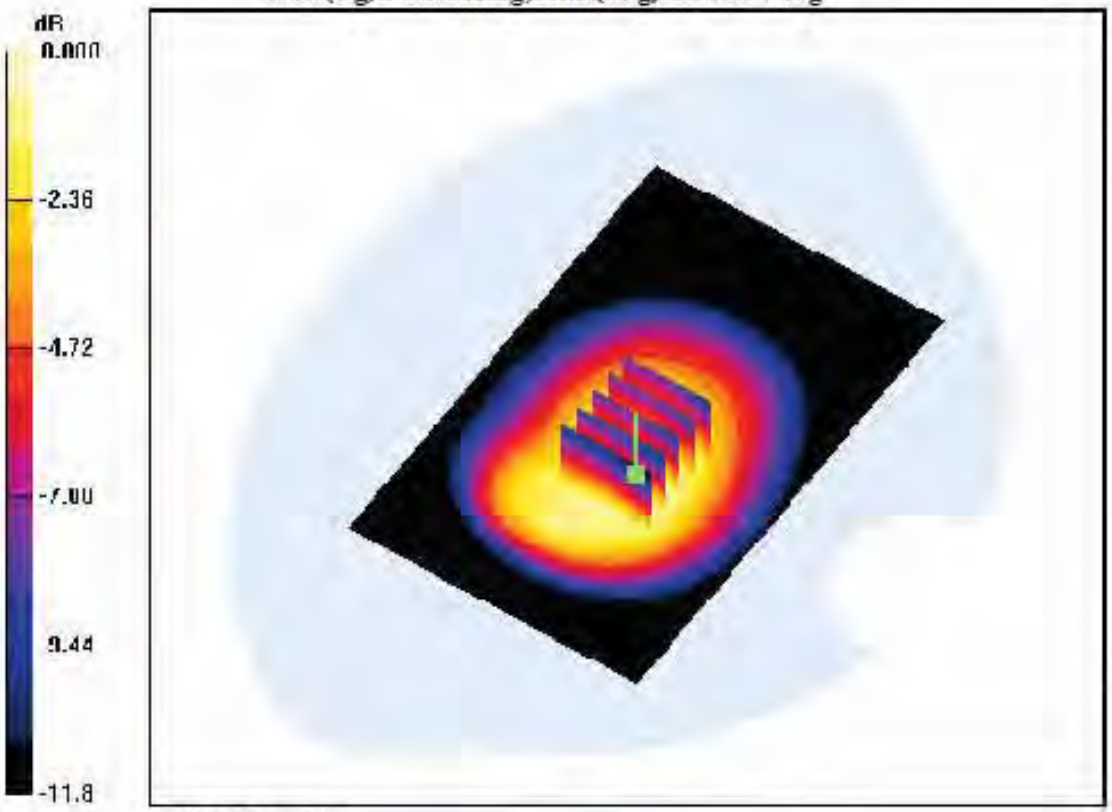
Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.964 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

1 cm space from Body, Rear, Sim2, WCDMA850, Ch. 4233, 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 = 0.073 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.732 W/kg



0 dB = 1.23mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

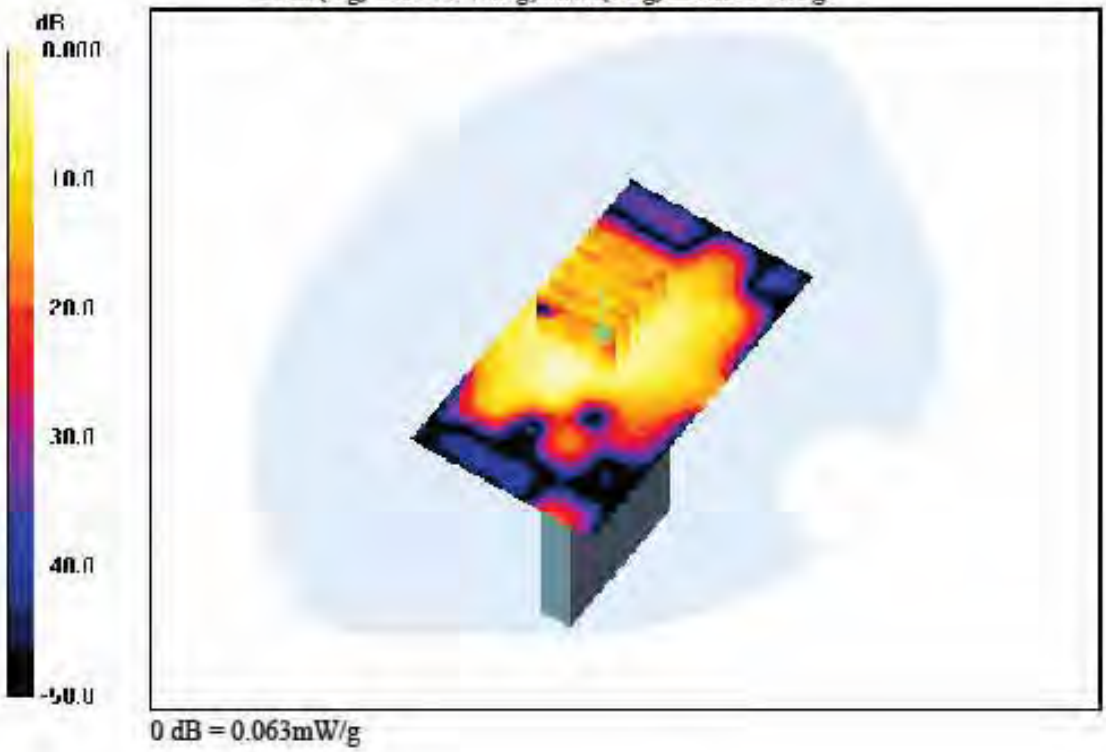
Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.9 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

1 cm space from Body, Top, W-LAN(802.11b) Ch. 1, 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 = 0.198 dB
Peak SAR (extrapolated) = 0.094 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.023 W/kg



0 dB = 0.063mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

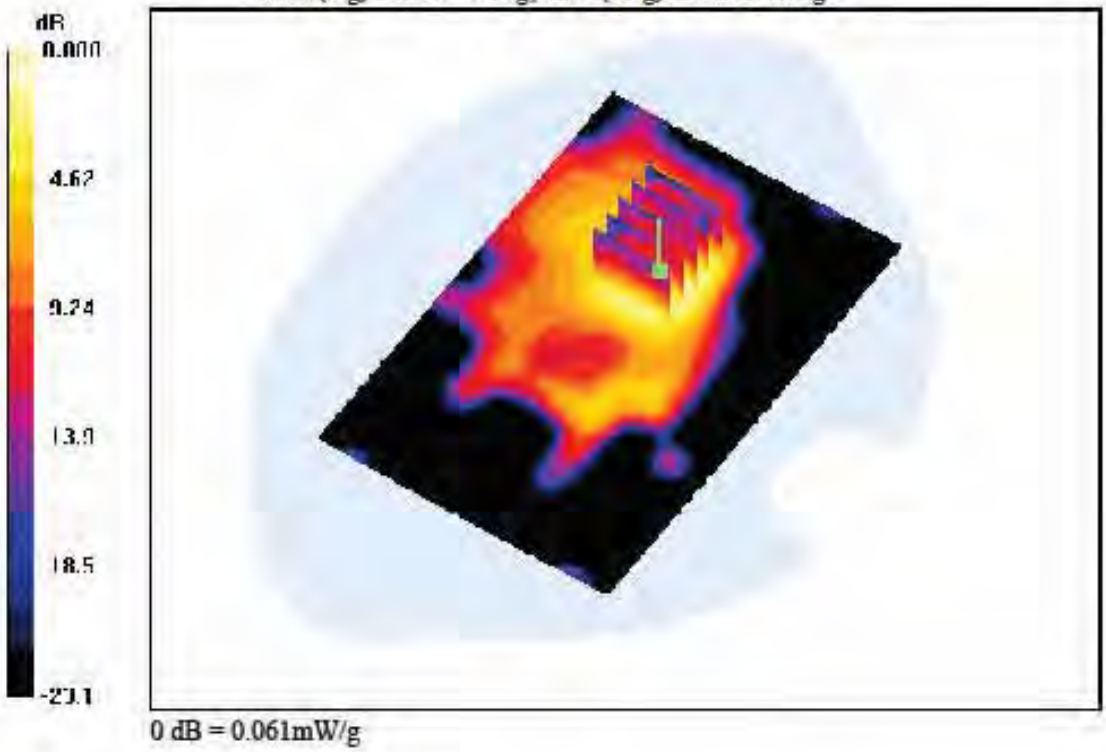
Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.9 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

1 cm space from Body, Front, 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 = -0.101 dB
Peak SAR (extrapolated) = 0.089 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.024 W/kg



0 dB = 0.061mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

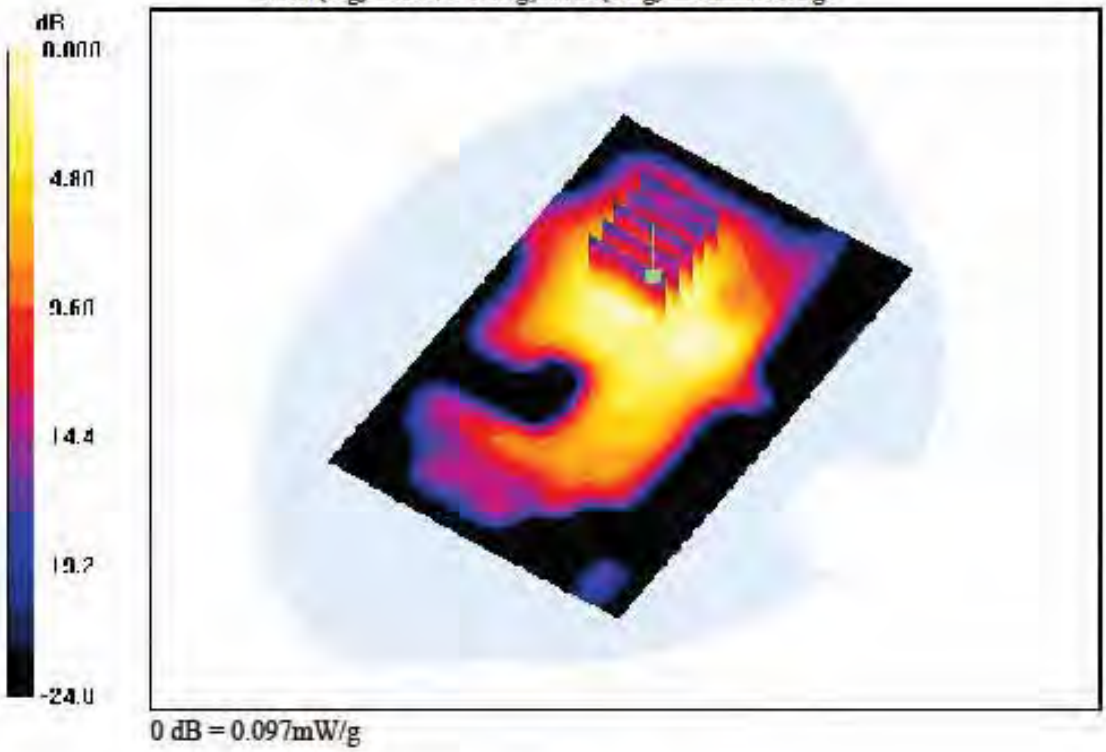
Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.9 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

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 = -0.019 dB
Peak SAR (extrapolated) = 0.140 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.041 W/kg



0 dB = 0.097mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

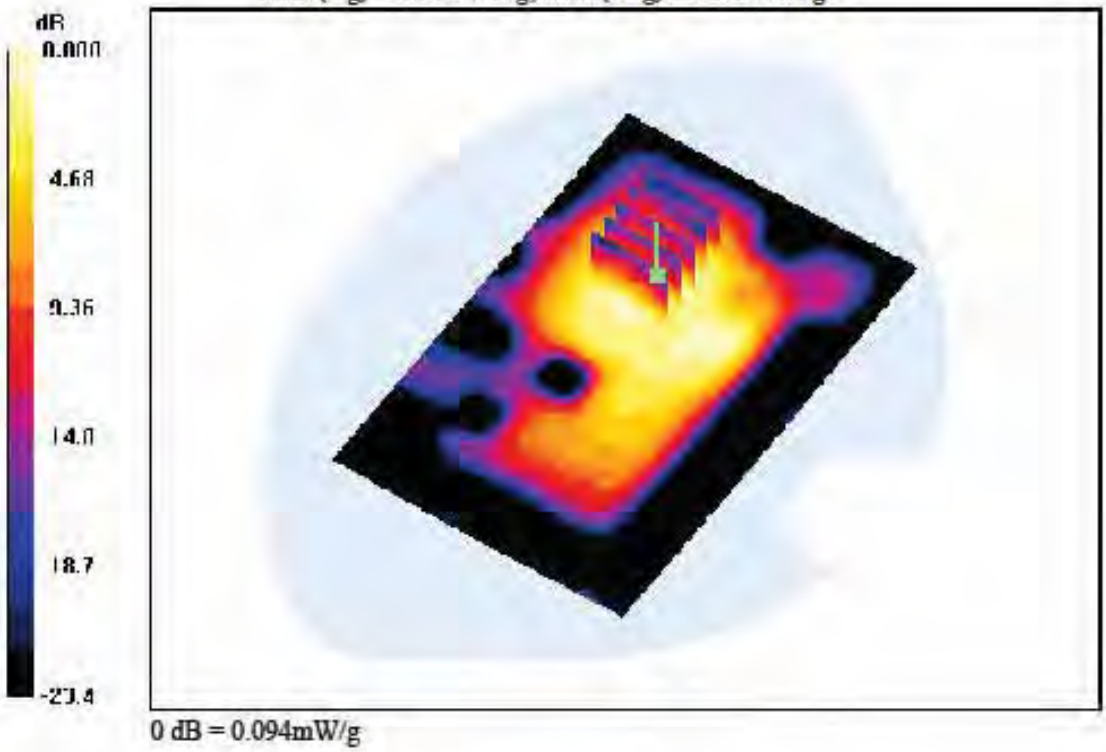
Communication System: W-LAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.93 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

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 = 0.117 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.039 W/kg



0 dB = 0.094mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

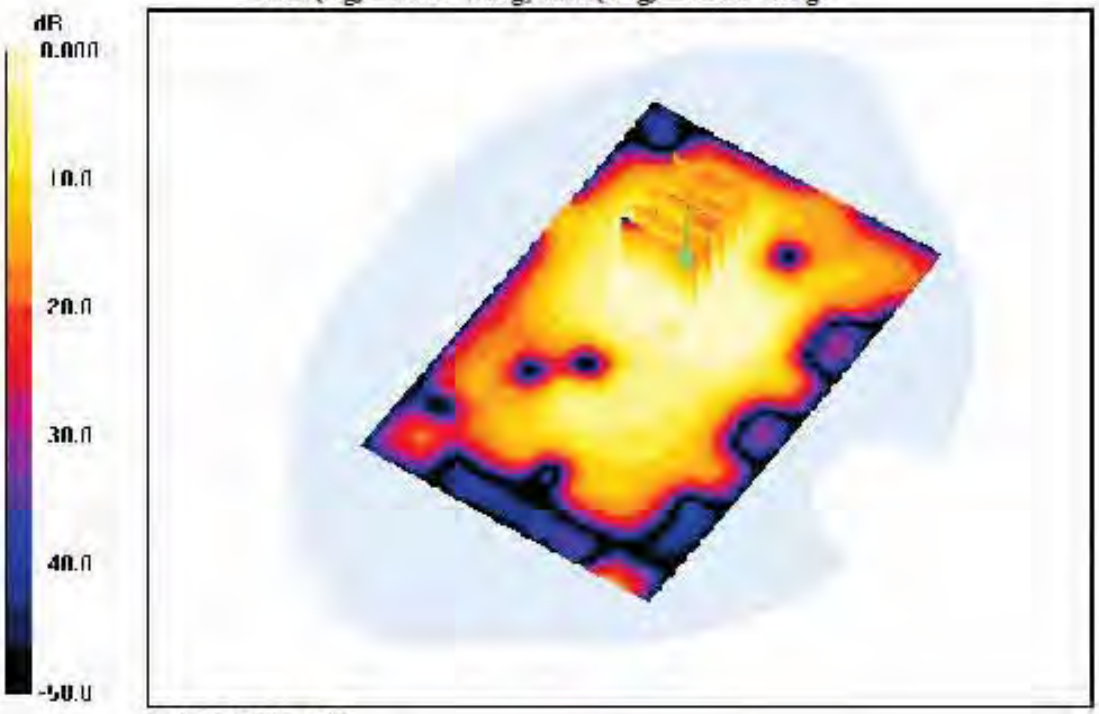
Communication System: W-LAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.96 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

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 = 0.192 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.033 W/kg



0 dB = 0.081mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

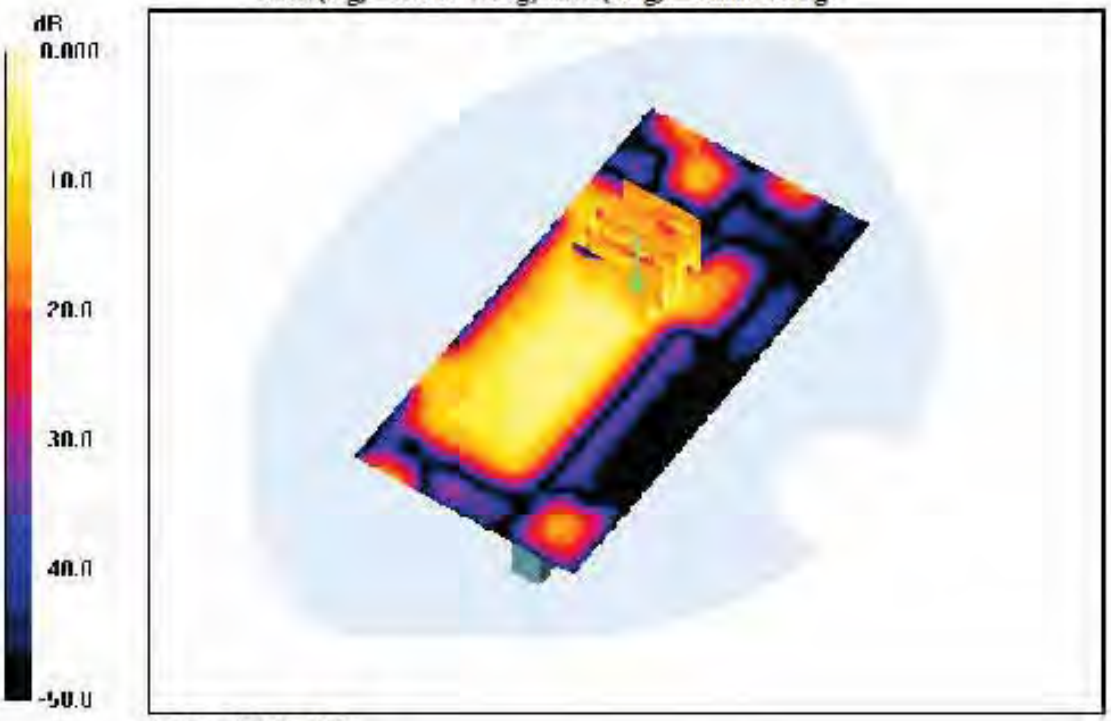
Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.9 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

1 cm space from Body, Left, W-LAN(802.11b) Ch. 1, 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) = 0.091 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.019 W/kg



0 dB = 0.058mW/g

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 848.8 MHz; σ = 0.913 mho/m; ε_r = 42.2; 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: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

Left Touch, GSM850 Ch. 251, Ant Internal, Standard Battery

Area Scan (71x101x1): 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) = 0.922 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.439 W/kg

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

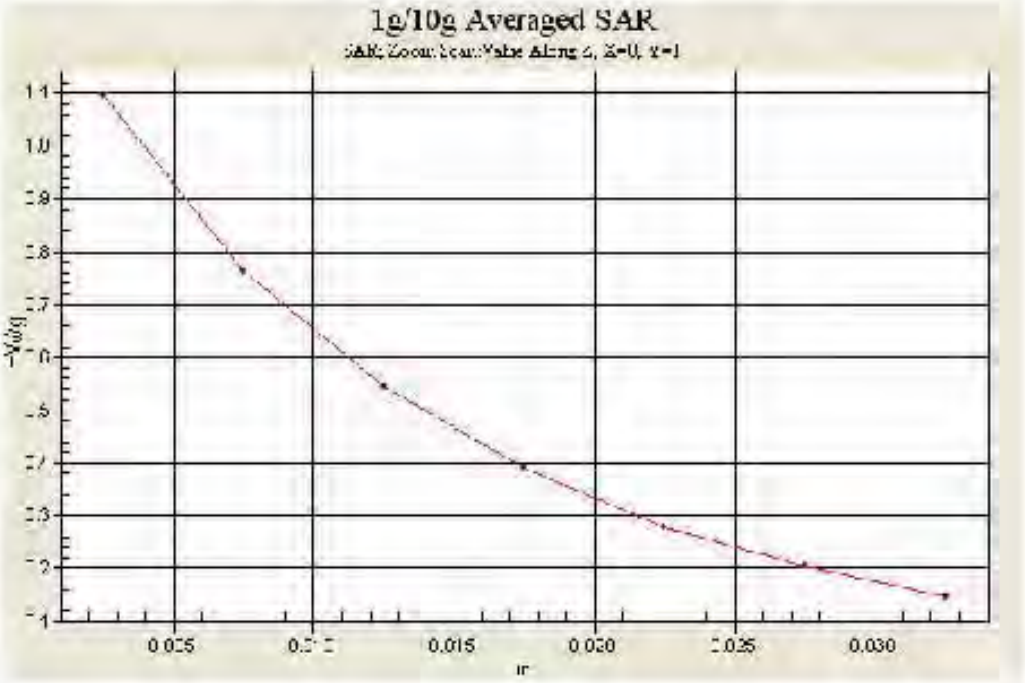
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 848.8 MHz; σ = 0.975 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-05-10; Ambient Temp: 22.1; Tissue Temp:22.3

1 cm space from Body, Rear, GSM850 GPRS Class 11, Ch. 251, 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 = -0.106 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.654 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.912 mho/m; ε_r = 42.3; 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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

Left Touch, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.025 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.545 W/kg

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: WCDMA 850 ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.964 mho/m; ε_r = 54; 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: 2012-05-09; Ambient Temp: 22.3; Tissue Temp:22.5

1 cm space from Body, Rear, WCDMA850, Ch. 4233, 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 = 0.096 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.758 W/kg

DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

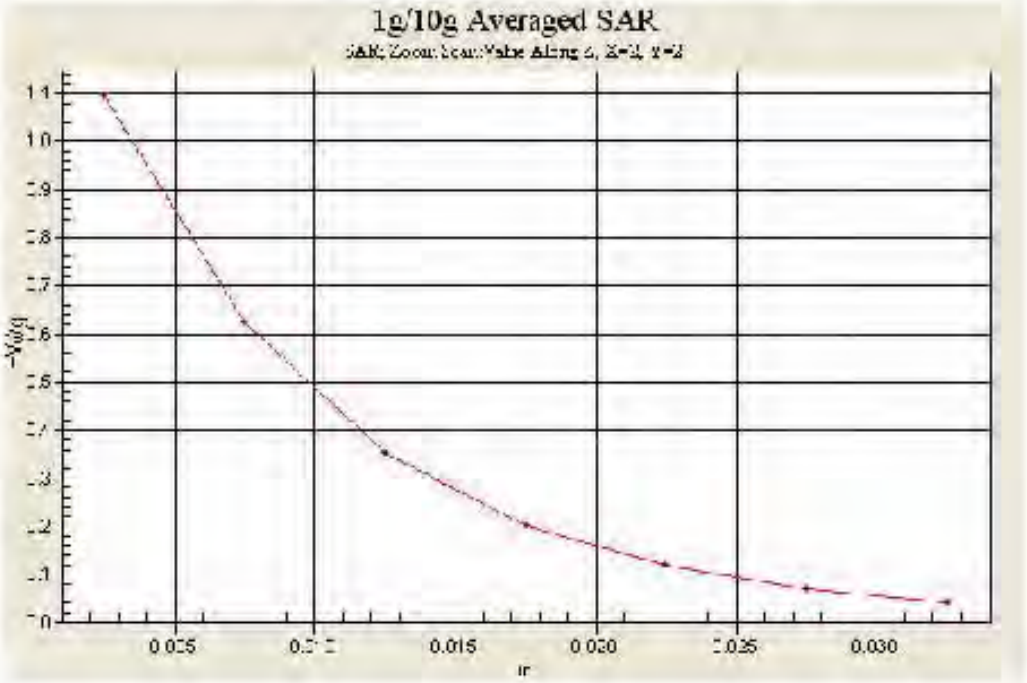
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.45 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

Left Touch, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.037 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.453 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

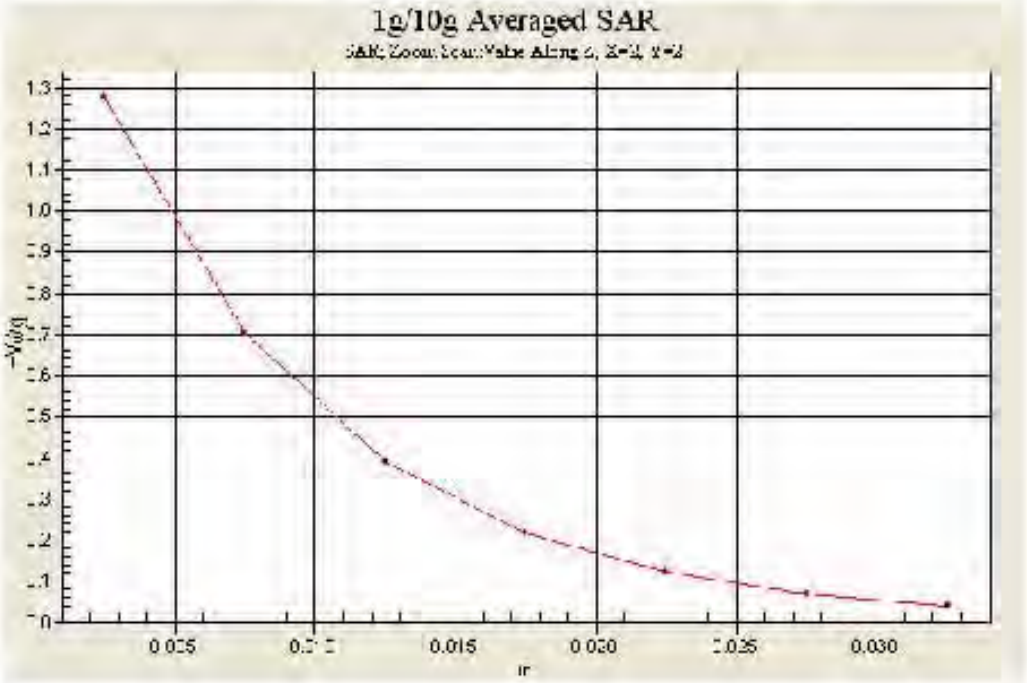
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1909.8 MHz; σ = 1.54 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-05-08; Ambient Temp: 22.2; Tissue Temp:22.4

1 cm space from Body, Rear, PCS1900 GPRS Class 11, Ch. 810, 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 = -0.127 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.507 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

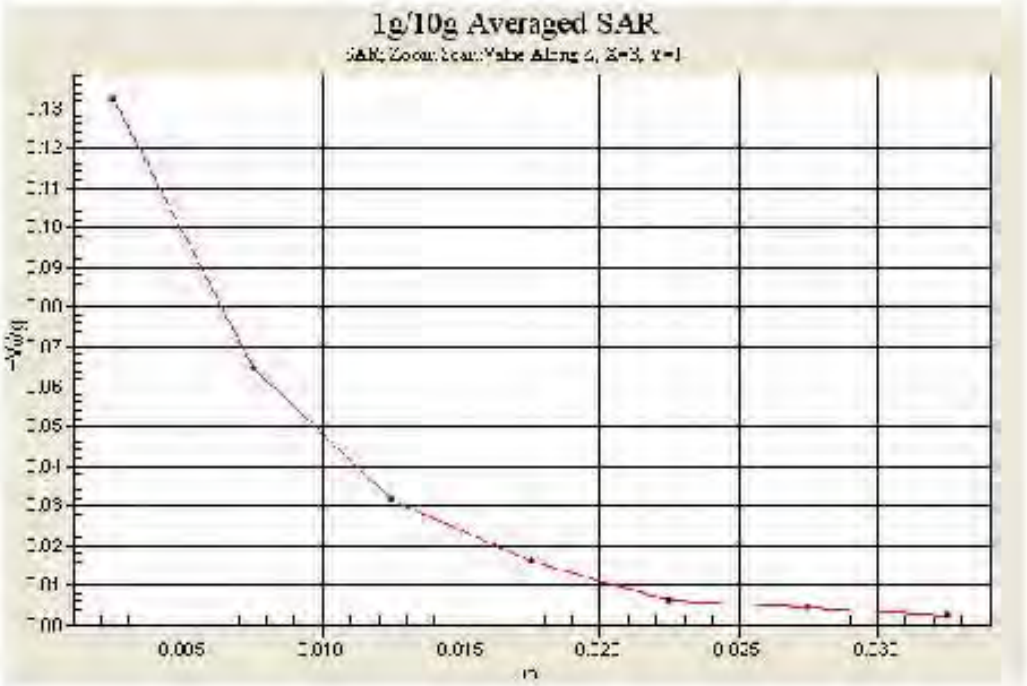
Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.78 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

Left Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.153 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.050 W/kg



DIGITAL EMC CO., LTD

DUT: LG-E405f; Type: Bar

Communication System: W-LAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.9 mho/m; ε_r = 51.8; 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: 2012-05-07; Ambient Temp: 22.2; Tissue Temp:22.3

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 = -0.019 dB
Peak SAR (extrapolated) = 0.140 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.041 W/kg